Feb 04

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Sheet No.		Standard Detail Drawings
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Sheet No.		Structure Plans
Sheet No.		Computer Earthwork Data
Sheet No.		Cross Sections

TOTAL SHEETS = 272

PROJECT ID: 6651-01-71, 6675-00-73

WITH:

DESIGN: 6651-01-01, 6675-00-01

COUNTY: MARATHON

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

USH 51/STH 29 CORRIDOR-WAUSAU
LILY LANE-DAFFODIL LANE

C.T.H. N

MARATHON COUNTY

STATE PROJECT NUMBER
6651-01-71

HUMMINGBIRD RD
DAFFODIL LANE-ORIOLE LANE

LOCAL ROAD

MARATHON COUNTY

STATE PROJECT NUMBER
6675-00-73

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6651-01-71	OMA 2004217	1
6675-00-73	STP 2004218	1

CENTRAL OFFICE

AS BUILT PLAN

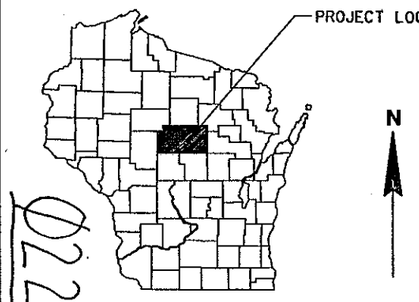
SUPERVISOR: DAN HOLLOWAY

PROJECT MANAGER: ERICH MASIARCHIN

CONTRACTOR: SEN INC.

DATE STARTED: 4-12-04

DATE COMPLETED:



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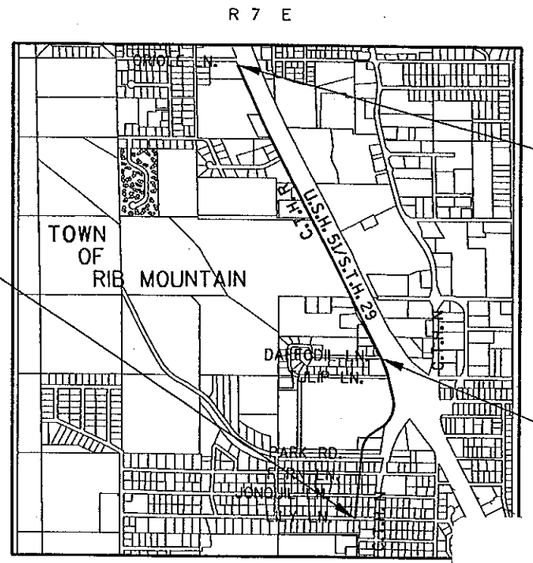


END PROJECT 6675-00-73
STA 143'R'+56.52

BEGIN PROJECT 6651-01-71
STA 60+00.00
Y = 182,444.3450
X = 274,892.8580

END PROJECT 6651-01-71
STA 90'R'+76.91 NB=
Y = 185,248.7110
X = 275,305.0120

BEGIN PROJECT 6675-00-73
STA 90'R'+71.15 NB 10.0'LT

DESIGN DESIGNATION

		C.T.H. N	C.T.H. R
A.D.T.	2004	= 10600	= 5000
A.D.T.	2024	= 20400	= 7500
D.H.V.	2024	= 2040	= 750
D.		= 50-50	= 50-50
T.		= 5.3	= 5.3
DESIGN SPEED		= 35 MPH	= 40 MPH
ESALS		= 1,927,200	= 824,900

CONVENTIONAL SYMBOLS

COUNTY LINE		COMBUSTIBLE FLUIDS	CAUTION
CORPORATE LIMITS		UNDERGROUND UTILITIES	
PROPERTY LINE	P.L. + SB.L	GAS	G
LOT LINE		ELECTRIC	E
LIMITED EASEMENT		TELEPHONE OR TELEGRAPH	T
EARTHWORK BALANCE POINT		TV/CABLE	TV
EXISTING RIGHT OF WAY		SERVICE PEDESTAL	
PROPOSED OR NEW R/W LINE		POWER POLE	
SURVEY LINE		TELEPHONE POLE	
SLOPE INTERCEPT		RAILROAD	
ORIGINAL GROUND		SANITARY SEWER	SAN
MARSH OR ROCK PROFILE (To be noted as such)	ROCK	STORM SEWER	SS
		WATER	W
		EXISTING CULVERT	
MARSH AREA		PROPOSED CULVERT (Box or Pipe)	
WOODED OR SHRUB AREA		CULVERT (Profile View)	

LAYOUT SCALE 0 .25 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.582 MI. PROJECT 6651-01-71
1.001 MI. PROJECT 6675-00-73
1.583 MI. TOTAL

CONSTRUCTION STAFF (NAME/RESPONSIBILITIES)

ERICH MASIARCHIN - PROJECT MANAGER

SAM SAMMARTINO - INSPECTION, RECORDS KEEPING

MARK REED - MATERIALS, TESTING

PEGGY SJOLANDER - TESTING, INSPECTION

MARATHON COUNTY HIGHWAY DEPARTMENT

9/29/03 DATE: Glenn Specht HIGHWAY COMMISSIONER

ORIGINAL PLANS PREPARED BY:

ESEH

WISCONSIN ANTHONY A. KEMNITZ E-27340 WAUSAU, WI PROFESSIONAL ENGINEER

Anthony A. Kemnitz 9-26-03

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SEH
Designer	SEH
District Examiner	
District Supervisor	
C.O. Examiner	RIELLY O'DONNELL

APPROVED FOR DISTRICT OFFICE

DATE: 9/30/03 Douglas R. Lore (Signature)

E

ounty

N/A

FILE NAME : e:\trans\widot\0223.00\cad\ttcthn01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:22:32 AM ORG DATE :

WISDOT/CADDS SHEET 10

10-00-01

+ 151

D

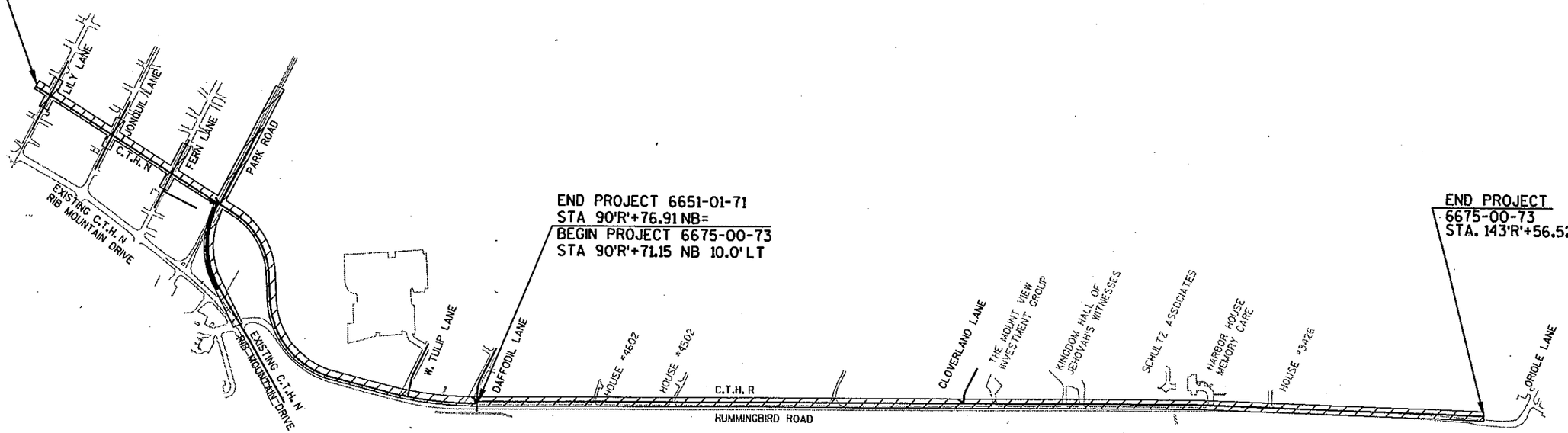
BEGIN PROJECT
6651-01-71
STA. 60+00.00

TOWN OF RIB MOUNTAIN

N

END PROJECT 6651-01-71
STA 90'R'+76.91 NB=
BEGIN PROJECT 6675-00-73
STA 90'R'+71.15 NB 10.0'LT

END PROJECT
6675-00-73
STA. 143'R'+56.52



STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	PROJECT OVERVIEW	SCALE, FEET 0 NTS	SHEET NO: 2	E

FILE NAME : e:\trans\widot\0223.00\cad\pocthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 2:59:50 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28, 30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

GENERAL NOTES

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO USGS DATUM.

WHEN THE QUANTITY OF THE ITEMS OF BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE 4-INCH TOPSOILED, FERTILIZED, AND SEEDED AND MULCHED. FINISHED SEEDED SURFACE SHALL BE 1-INCH BELOW THE TOP OF ADJACENT CONCRETE.

BEARINGS SHOWN ON THE PLANS ARE GROUND BEARINGS TO THE NEAREST SECOND.

THE LOCATION OF ALL DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER.

SIGN PLATE DETAILS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" UNLESS OTHERWISE PROVIDED FOR IN THE PLAN.

ALL CURB AND GUTTER RADII, PAVEMENT DIMENSIONS AND STATIONS ARE SHOWN TO THE EDGE OF PAVEMENT (FLAG LINE) UNLESS NOTED OTHERWISE.

A VERTICAL SAWCUT SHALL BE MADE THROUGH EXISTING DRIVEWAYS AND PAVEMENTS AT REMOVAL LIMITS.

TOP OF CASTING ELEVATIONS SHOWN FOR INLETS REFER TO THE CASTING ELEVATION AT THE FRONT EDGE OF CASTING.

ALL STORM SEWER INVERTS, ELEVATIONS, PIPE LENGTHS, AND GRADES ARE COMPUTED CENTER-TO-CENTER OF STRUCTURES.

PAVEMENT THICKNESS ID# 6651-01-71

(INCH)	LOWER LAYER (INCH)	LOWER/MIDDLE (INCH)	UPPER LAYER (INCH)
6	2½"	1¾"	1¾"

PAVEMENT THICKNESS ID# 6675-00-73

(INCH)	LOWER LAYER (INCH)	LOWER/MIDDLE (INCH)	UPPER LAYER (INCH)
5	3 "		2"

CURB RAMP TYPES ARE SHOWN ON THE INTERSECTION DETAIL SHEETS.

BENCHMARK LOCATIONS ARE NOTED ON THE ALIGNMENT PLAN.

FINAL LOCATION OF CONCRETE BASES AND PULL BOXES FOR TRAFFIC SIGNAL INSTALLATION ARE TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

OFFSET REFERENCE LINES USED AS NOTED ON PLAN

MAINTAIN SIDEROAD ACCESS ACROSS WORK ZONE ON EXISTING PAVEMENT, TEMPORARY GRAVEL SURFACE OR NEW PAVEMENT. 30 DAY MAXIMUM CLOSURE TO ACCOMODATE PLACEMENT OF MAINLINE PAVEMENT ON LILY AND JONQUIL LANE.

STANDARD DETAIL DRAWINGS

8A5-16a	INLET COVERS TYPE A, H, A-S, & H-S
8A5-16b	INLET COVER TYPE B, B-A, C, MS, MS-A, & WM
8A5-16d	INLET COVER, TYPE Z MANHOLE COVERS, TYPE K, J, J-S, L & M
8B6-3	MANHOLES, TYPE 1
8B7-3	MANHOLES, TYPES 2 & 3
8C1-5	INLETS, TYPES 1, 2, 3 & 4
8C5-2	INLETS, TYPES 8, 9, 10, & 11
8D1-13	CONCRETE CURB, CONCRETE CURB & GUTTER AND PAVEMENT TIES
8D4-3	CONCRETE SURFACE DRAIN & ASPHALTIC FLUME
8E8-3	TYPICAL INSTALLATIONS OF EROSION BALES/TEMPORARY DITCH CHECKS
8E9-5	SILT FENCE
8E10-2	INLET PROTECTION, TYPE A, B, C AND D
8F1-11	APRON ENDWALLS FOR CULVERT PIPE
8F7-3	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SIDE DRAINS SLOPED SECTION
9B2-6	CONDUIT
9B4-5	PULL BOX
9C2-2	CONCRETE BASES, TYPES 1, 2, AND 5
9C3-2	TRANSFORMER/PEDESTAL BASES
9C6-3	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
9D1-2	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
9D2-2	SIGNAL OR LIGHTING CONTROL CABINET
9E1-4a	POLE MOUNTINGS FOR TRAFFIC SIGNALS TYPE 2
9E1-4d	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 feet)
9E1-5c	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4
9E1-4g	HARDWARE DETAILS FOR POLE MOUNTINGS
9E3-2	NON-FREEWAY LIGHTING UNIT POLE WIRING
9E6-1	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
9F8-2	LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW ASPHALTIC PAVEMENT)
11B2-1	CONCRETE MEDIAN NOSE
14B3-2	STEEL PLATE BEAM GUARD CLASS B
15A3-1	MARKER POSTS, FLEXIBLE, FOR CULVERT END
15B1-7a & 7b	WOVEN WIRE FENCE
15C2-4a	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C5-1	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C7-6a	PAVEMENT MARKING SYMBOLS
15C8-9a	PAVEMENT MARKING (MAINLINE)
15C8-9d	PAVEMENT MARKING (LEFT TURN LANE)
15C8-10e	PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)
15C11-5	FLEXIBLE TUBULAR MARKER POST ANCHOR & BASES

UTILITY CONTACTS

AMERICAN TRANSMISSION COMPANY LLC
1302 SOUTH BROADWAY
DEPERE, WI 54115
TELEPHONE: 920.338.6532
ATTENTION: JACKIE NOVITSKI

CHARTER COMMUNICATIONS
853 MC INTOSH
P.O. BOX 1818
WAUSAU, WI 54402-1818
TELEPHONE: 715.845.4223
ATTENTION: JEFF KULAT

WISCONSIN PUBLIC SERVICE CORPORATION
700 NORTH ADAMS STREET
P.O. BOX 19001
GREEN BAY, WI 54307-9001
TELEPHONE: 920.433.4924
ATTENTION: MICHAEL CERKAS

TOWN OF RIB MOUNTAIN
3700 N. MOUNTAIN ROAD
WAUSAU, WI 54401
TELEPHONE: 715.842.0983
ATTENTION: GAYLENE NASH

TOWN OF RIB MOUNTAIN
SANITARY DISTRICT
5703 LILAC AVENUE
WAUSAU, WI 54401
TELEPHONE: 715.359.6177
ATTENTION: DARIN WESTOVER

VERIZON
521 FOURTH STREET
WAUSAU, WI 54403
TELEPHONE: 715.847.1501
ATTENTION: JANET MITWEDE

W.D.N.R. CONTACT

DNR LIASON
473 GRIFFITH DRIVE
WISCONSIN RAPIDS, WI 54494
TELEPHONE: 715.421.7867
ATTENTION: CAMERON BUMP

DESIGN CONTACTS

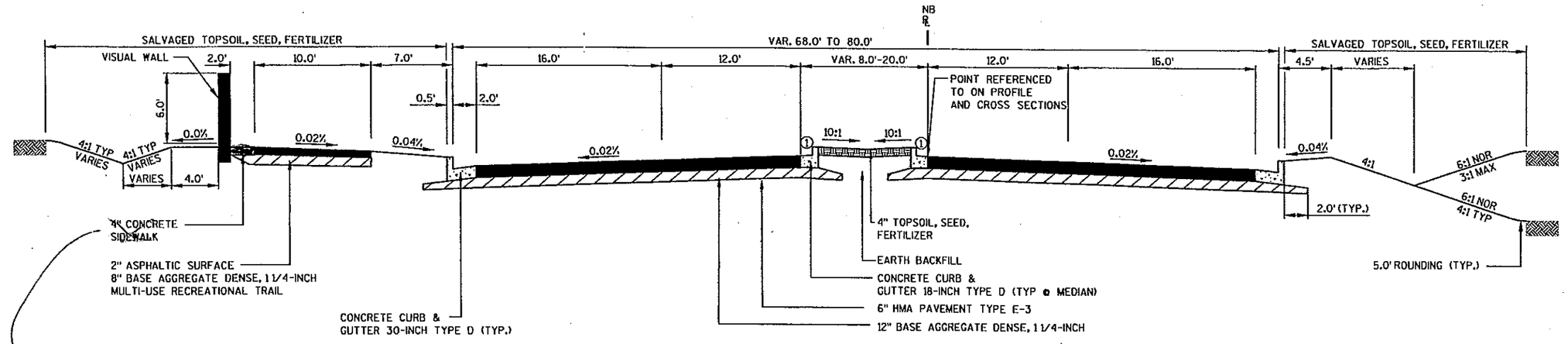
SEH INC.
1500 MERRILL AVENUE
WAUSAU, WISCONSIN 54401
TELEPHONE: 715.675.1131
ATTENTION: VANCE POWERS

DIGGERS HOTLINE
FOR FIELD LOCATES
CALL: 1.800.242.8511
www.DiggersHotline.com

STANDARD ABBREVIATIONS

ABUT	ABUTMENT	CWT	HUNDREDWEIGHT
AC	ACRE	HYD	HYDRANT
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE	ID	INSIDE DIAMETER
		INV	INVERT
AECPS	APRON ENDWALL FOR CULVERT PIPE STEEL	IP	IRON PIPE ON PIN
		LHF	LEFT-HAND FORWARD
AGG	AGGREGATE	L	LENGTH OF CURVE
ASPH	ASPHALTIC	LF	LINEAR FOOT
AVG	AVERAGE	LC	LONG CHORD OF CURVE
ADT	AVERAGE DAILY TRAFFIC	LS	LUMP SUM
BF	BACK FACE	MH	MANHOLE
BM	BENCH MARK	MOR	MID POINT OF RADIUS
BR	BRIDGE	NC	NORMAL CROWN
CE	COMMERCIAL ENTRANCE	NO	NUMBER
CL OR C/L	CENTER LINE	OBLIT	OBLITERATE
Δ	CENTRAL ANGLE OR DELTA	PAVT	PAVEMENT
CONC	CONCRETE	PE	PRIVATE ENTRANCE
CPRC	CULVERT PIPE, REINFORCED CONCRETE	PVRC	POINT OF VERTICAL CURVE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	QOR	QUARTER POINT OF RADIUS
		R	RADIUS
CR	CREEK	REQ'D	REQUIRED
CY	CUBIC YARD	RES	RESIDENCE OR RESIDENTIAL
C & G	CURB AND GUTTER	RHF	RIGHT-HAND FORWARD
D	DEGREE OF CURVE	R/W	RIGHT-OF-WAY
DHV	DESIGN HOUR VOLUME	R	RIVER
DISCH	DISCHARGE	RDWY	ROADWAY
DG	DITCH GRADE	R/L	REFERENCE LINE
DWY	DRIVEWAY	SALV	SALVAGED
X	EAST GRID COORDINATE	SAN	SANITARY SEWER
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL	SF	SQUARE FEET
		SSRCP	STORM SEWER REINFORCED CONCRETE PIPE
EOR	END POINT OF RADIUS	SY	SQUARE YARD
EL	ELEVATION	SDD	STANDARD DETAIL DRAWINGS
ENT	ENTRANCE	STA	STATION
ESALS	EQUIVALENT SINGLE AXLE LOADS	SS	STORM SEWER
EXC	EXCAVATION	SE	SUPERELEVATION RATE
EBS	EXCAVATION BELOW SUBGRADE	TC	TOP OF CURB
EXIST	EXISTING	T OR TN	TOWN
FC	FACE OF CURB	T	TRUCKS (PERCENT OF)
FF	FACE TO FACE	TYP	TYPICAL
FERT	FERTILIZE	VAR	VARIABLE
FE	FIELD ENTRANCE	VC	VERTICAL CURVE
FL	FLOW LINE	Y	NORTH GRID COORDINATE
FO	FIBER OPTIC	YD	YARD

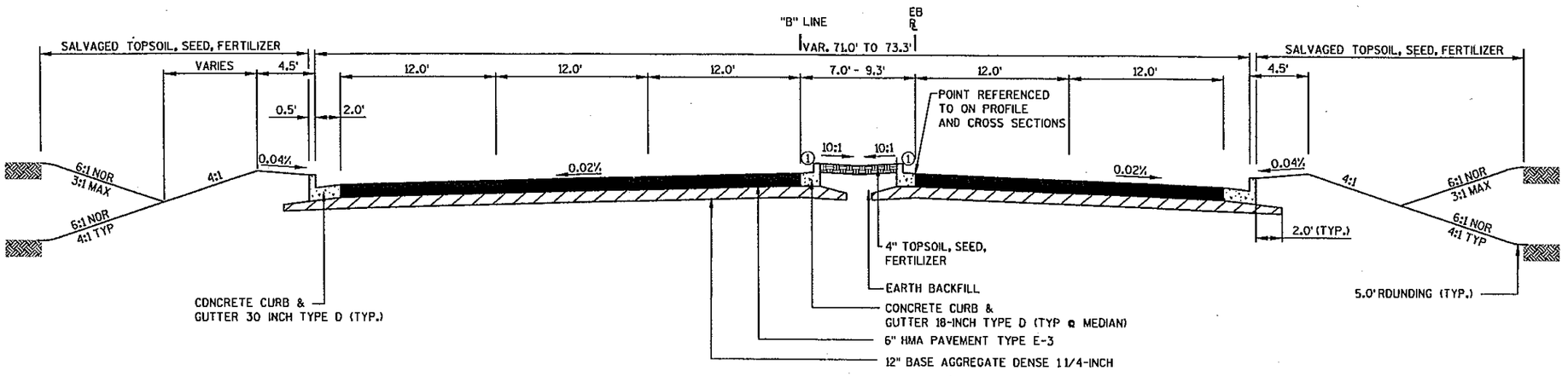
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



TYPICAL FINISHED SECTION - CTH N

STA. 60+00 TO STA. 71+21.17
(LILY LANE TO PARK ROAD)

① CROSS SLOPE OF GUTTER MATCHES ADJACENT PAVEMENT CROSS SLOPE



TYPICAL FINISHED SECTION - CTH N

STA. 86+39.79 TO STA. 89+00*
(PARK ROAD TO C.T.H. N INTERCHANGE)
* NO MEDIAN FROM STATION 89+00 TO 90+25

NOTE: ALL SLOPES ARE INDICATED AS FT/FT

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TYPICAL SECTIONS	SCALE, FEET 0 NTS	SHEET NO: 4	E

FILE NAME : e:\trans\widot\0223.00\cad\tycthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 2:59:57 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

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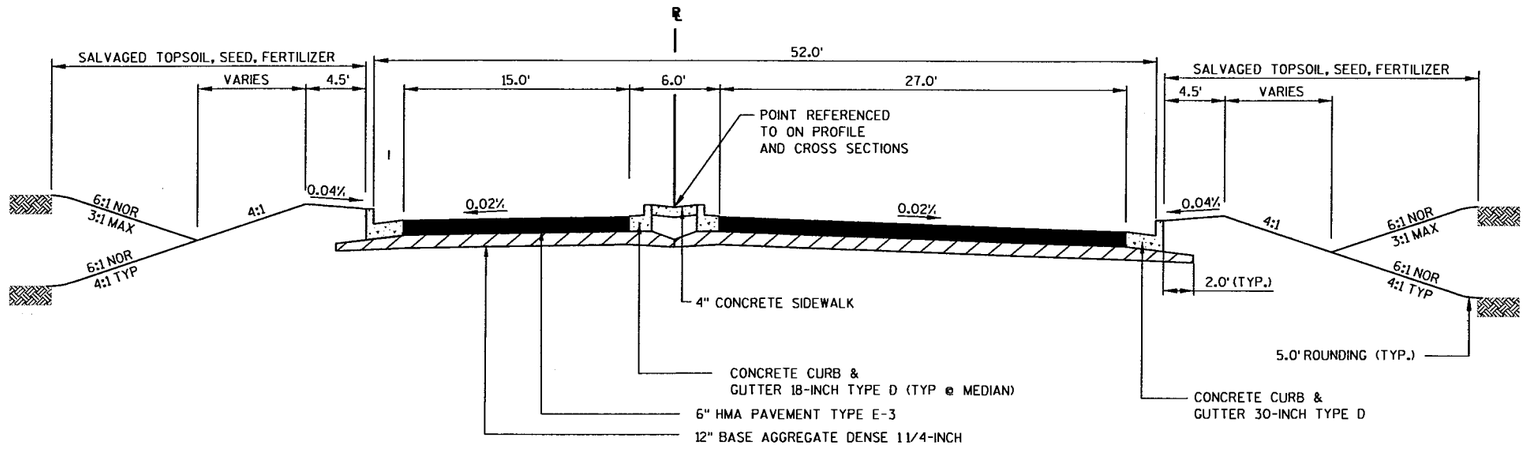


TYPICAL FINISHED SECTION - PARK ROAD

STA 84'P'+80 TO 85'P'+77

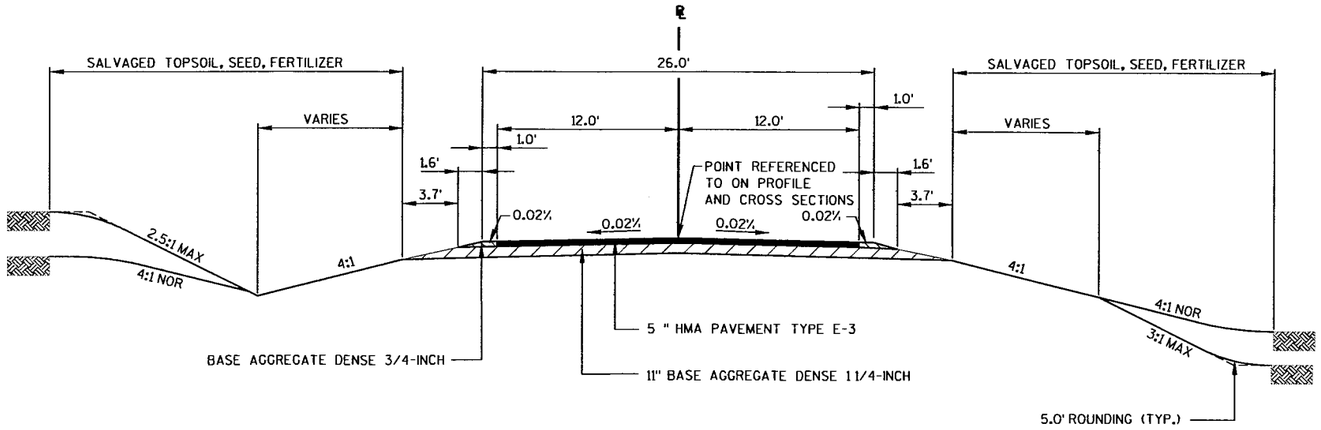
NOTE: ALL SLOPES ARE INDICATED AS FT/FT

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TYPICAL SECTIONS	SCALE, FEET 0 NTS	SHEET NO: 5	E

FILE NAME : e:\trans\widot\0223.00\cad\tycthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:00:07 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



TYPICAL FINISHED SECTION

CLOVERLAND LANE

NOTE: ALL SLOPES ARE INDICATED AS FT/FT

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TYPICAL SECTIONS	SCALE, FEET 0 NTS	SHEET NO: 6	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

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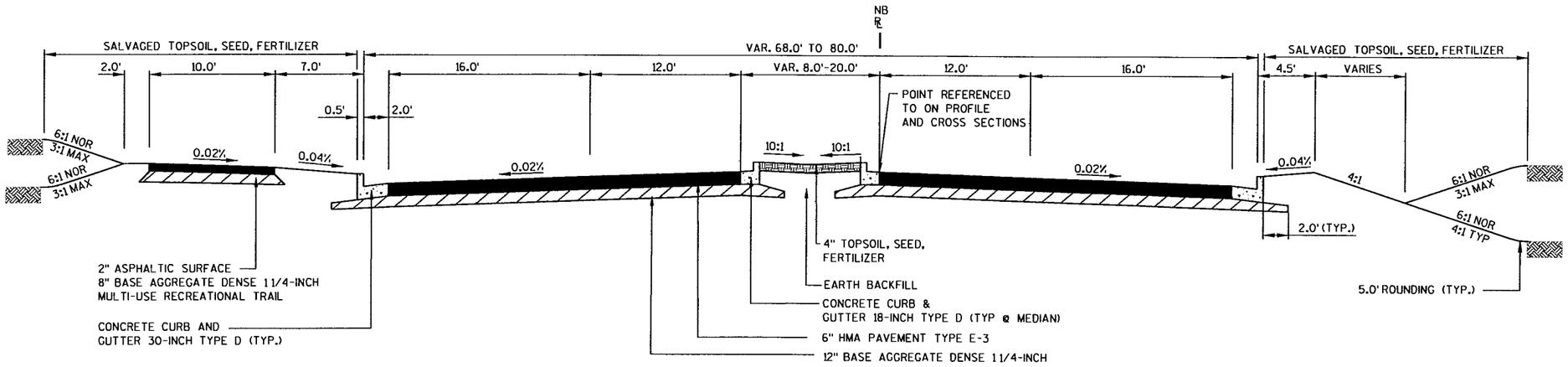
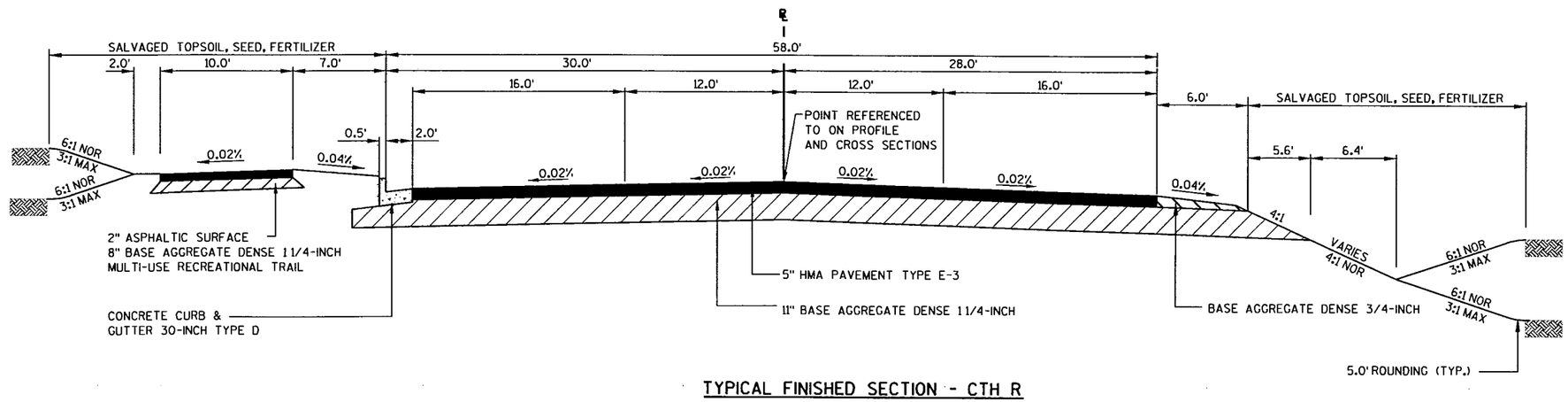
WISDOT/CADDS SHEET 42



TYPICAL FINISHED SECTION - CTH R

STA. 71+21.17 TO STA. 90'R'+76.91
(PARK ROAD TO DAFFODIL LANE)



TYPICAL FINISHED SECTION - CTH R

STA. 90'R'+71.15 TO STA. 143'R'+56.52
(DAFFODIL LANE TO ORIOLE LANE)

NOTE: ALL SLOPES ARE INDICATED AS FT/FT

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TYPICAL SECTIONS	SCALE, FEET 0 NTS	SHEET NO: 7	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

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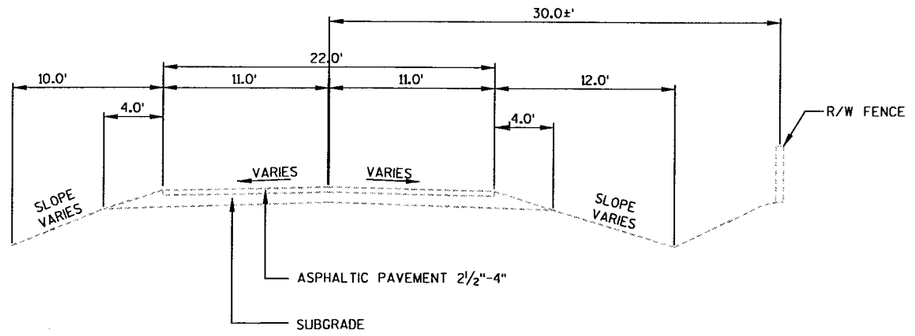
WISDOT/CADDS SHEET 42



TYPICAL EXISTING SECTION

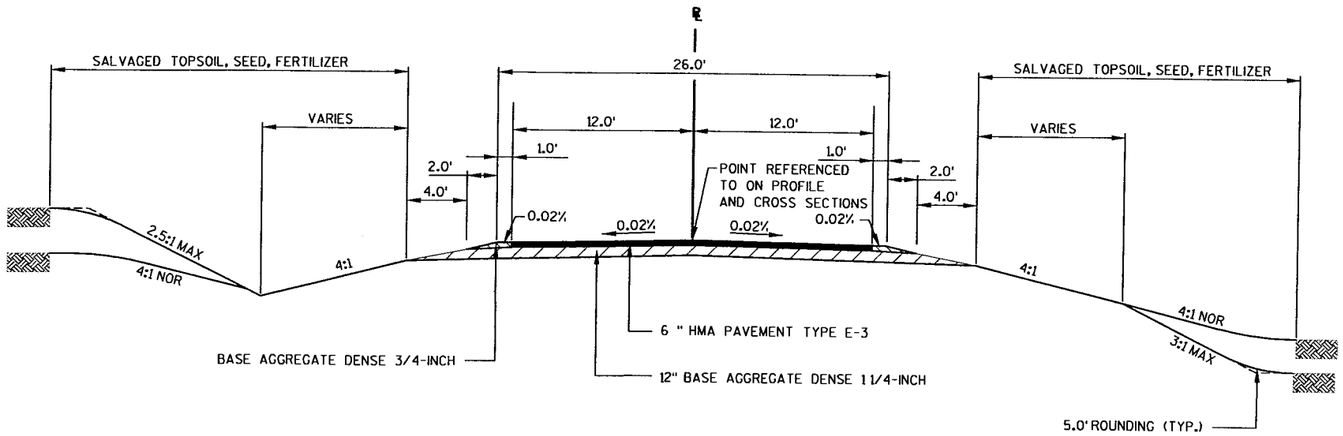
HUMMINGBID ROAD

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TYPICAL SECTIONS	SCALE, FEET 0 NTS	SHEET NO: 8	E

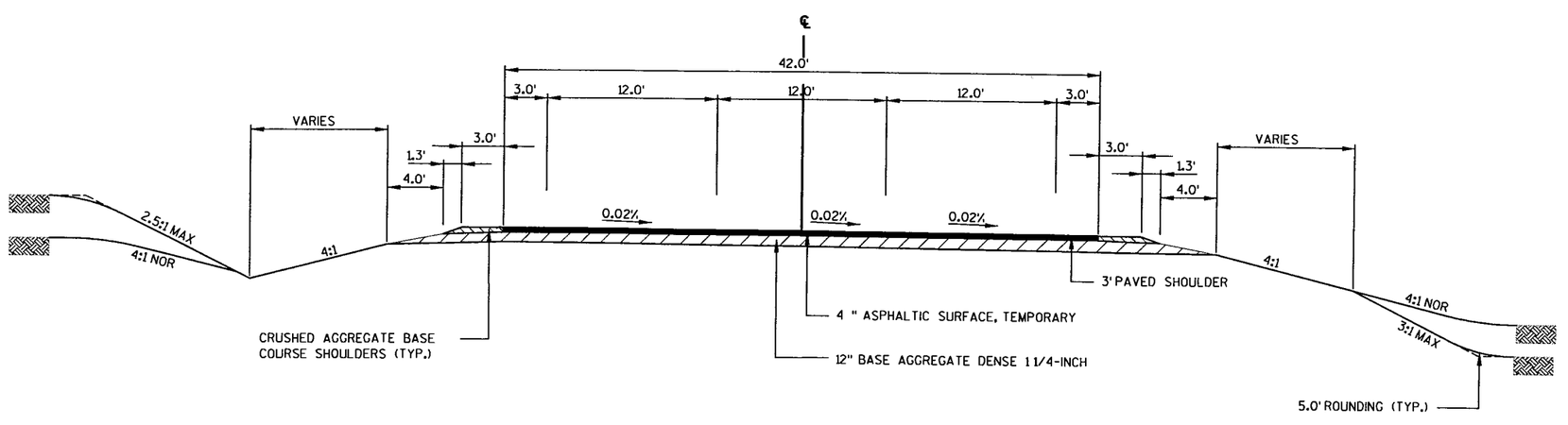
FILE NAME : e:\trans\widot\0223.00\cad\tycthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:00:19 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42



TYPICAL FINISHED SECTION

LILY LANE — PARK ROAD
JONQUIL LANE — TULIP LANE
FERN LANE — DAFFODIL LANE
PARK ROAD (83'P' +00 TO 84'P'+80)



TYPICAL FINISHED SECTION - CTH N

TEMPORARY CONNECTION

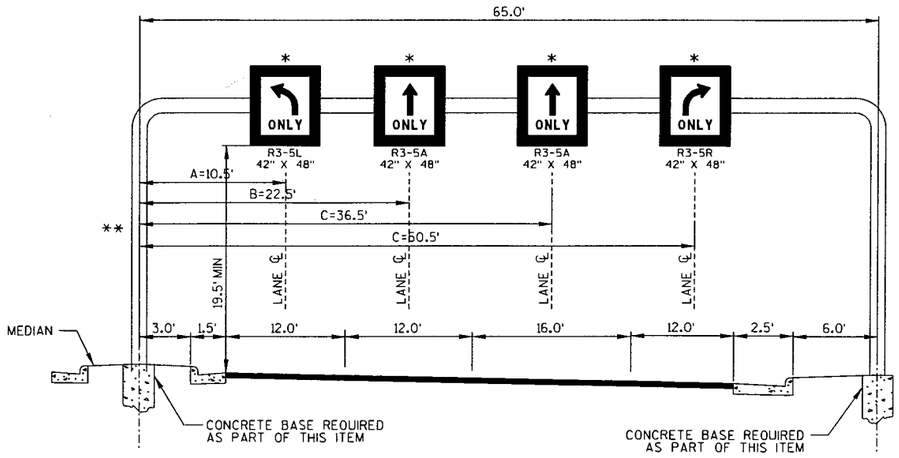
NOTE: ALL SLOPES ARE INDICATED AS FT/FT

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TYPICAL SECTIONS	SCALE, FEET 0 NTS	SHEET NO: 9	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\tycthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:00:19 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42



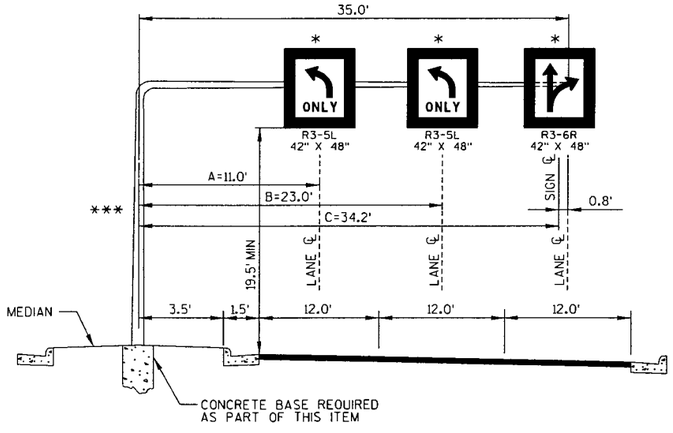
OVERHEAD SIGN MOUNTING STRUCTURE

STA 69+04.26, LT (NB LANES)
STRUCTURE NUMBER S-37-34

* SIGNS, TYPE II, REFLECTIVE
PROVIDED & ERECTED BY CONTRACTOR.
ACTUAL SIGN SIZE IS 42-INCH x 48-INCH

** SIGN SUPPORT MUST BE DESIGNED TO SUPPORT 56 SQ FT OF TYPE II SIGN. THE DESIGN SHALL ASSUME A 14 SQ FT SIGN CENTERED ON CANTILEVER AT "A" DISTANCE FROM THE LEFT VERTICAL SUPPORT, A 14 SQ FT SIGN CENTERED AT "B" DISTANCE FROM THE LEFT VERTICAL SUPPORT, A 14 SQ FT SIGN CENTERED AT "C" DISTANCE FROM THE LEFT SUPPORT, AND A 14 SQ FT SIGN CENTERED AT "D" DISTANCE FROM THE LEFT VERTICAL SUPPORT.

*** SIGN SUPPORT MUST BE DESIGNED TO SUPPORT 42 SQ FT OF TYPE II SIGN. THE DESIGN SHALL ASSUME A 14 SQ FT SIGN CENTERED ON CANTILEVER AT "A" DISTANCE FROM THE VERTICAL SUPPORT, A 14 SQ FT SIGN CENTERED AT "B" DISTANCE FROM THE VERTICAL SUPPORT AND A 14 SQ FT SIGN CENTERED AT "C" DISTANCE FROM THE VERTICAL SUPPORT.



OVERHEAD SIGN MOUNTING STRUCTURE

STA 88+74.37 CTH N 'B' LINE, LT (WB LANES)
STRUCTURE NUMBER S-37-35

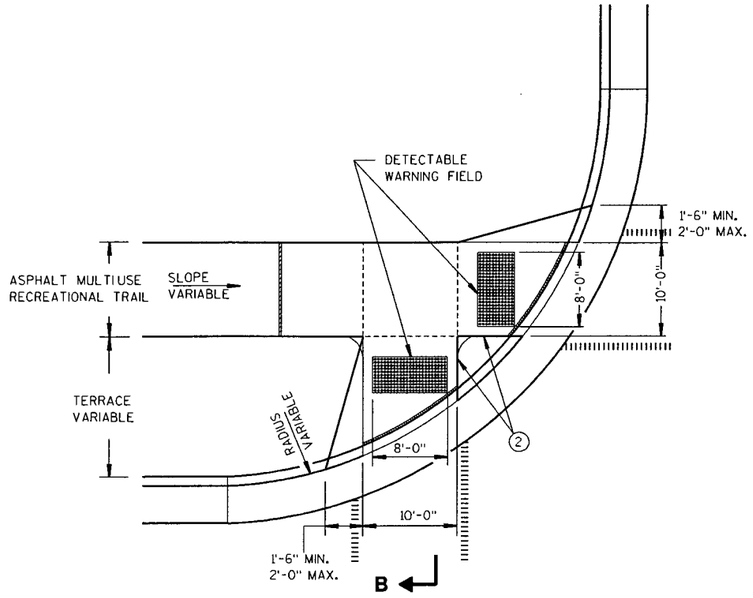
2

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	CONSTRUCTION DETAILS	SCALE, FEET 0 NTS	SHEET NO: 10	E

FILE NAME : e:\trans\widot\0223 00\cad\cdcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:05 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

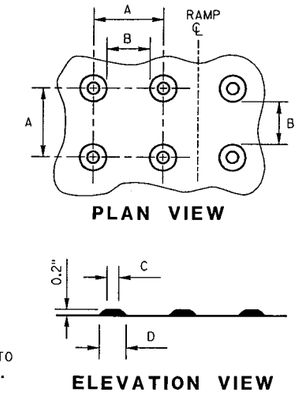
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



PLAN VIEW

TYPE 2 RAMP (SPECIAL)

(ON LINE WITH MULTIUSE REC TRAIL)

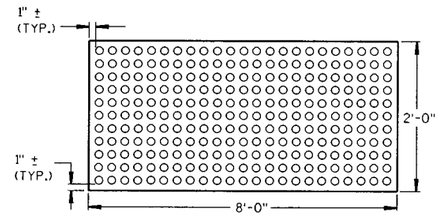


	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.

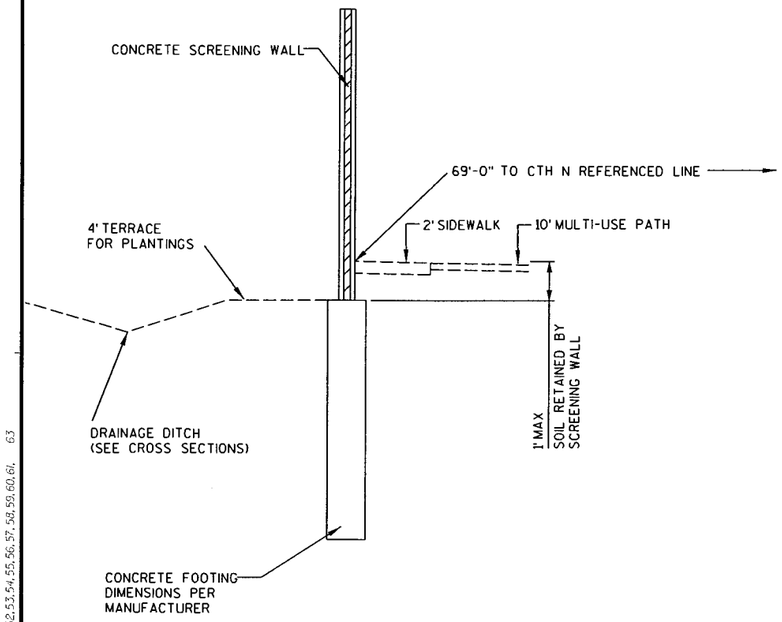
TRUNCATED DOMES

DETECTABLE WARNING PATTERN DETAIL



PLAN VIEW

DETECTABLE WARNING FIELD (TYPICAL)

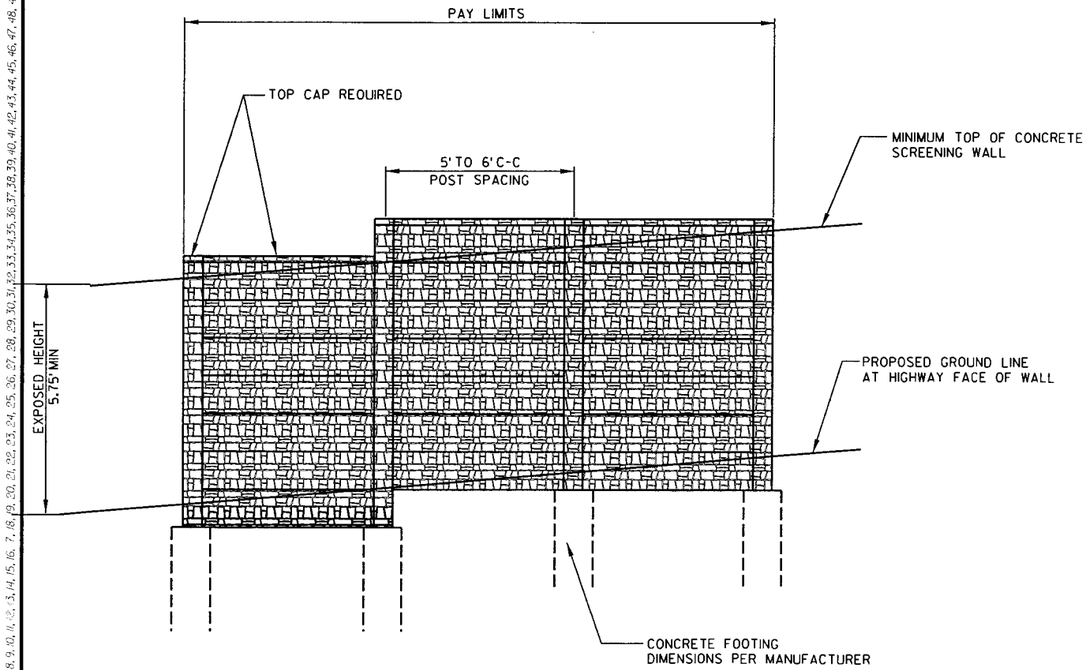


SIDE VIEW

SOIL PARAMTERS AT 7' BELOW EXISTING GRADE

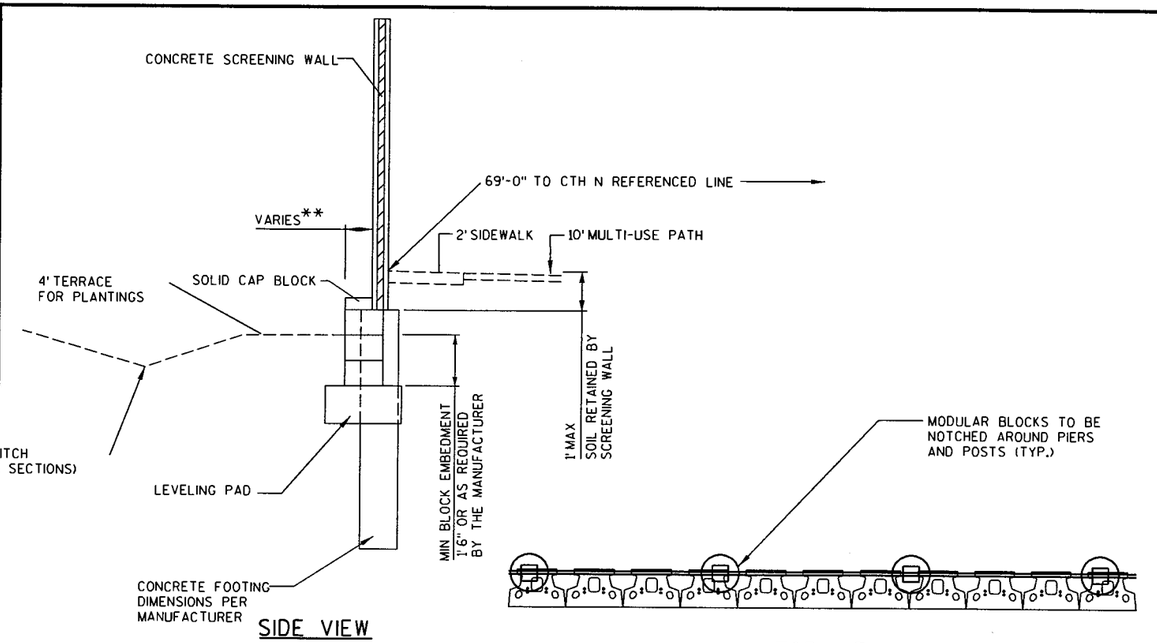
*ESTIMATES BASED ON SOIL BORINGS PERFORMED BY AMERICAN ENGINEERING TESTING, INC ON WALL ALIGNMENT

	LILY LANE TO JONQUIL LANE	JONQUIL LANE TO FERN LANE	FERN LANE TO PARK ROAD
UNIT WEIGHT	115 LB/FT^3	115-125 LB/FT^3	125-120 LB/FT^3
FRICTION ANGLE	32°-35°	25°-35°	15°-35°
COHESION	0 LB/FT^2	0-1500 LB/FT^2	0-1000 LB/FT^2



CONCRETE SCREENING WALL 6-FT

WITHOUT MODULAR BLOCK GRAVITY WALL
(LOOKING AT HWY FACE OF WALL)

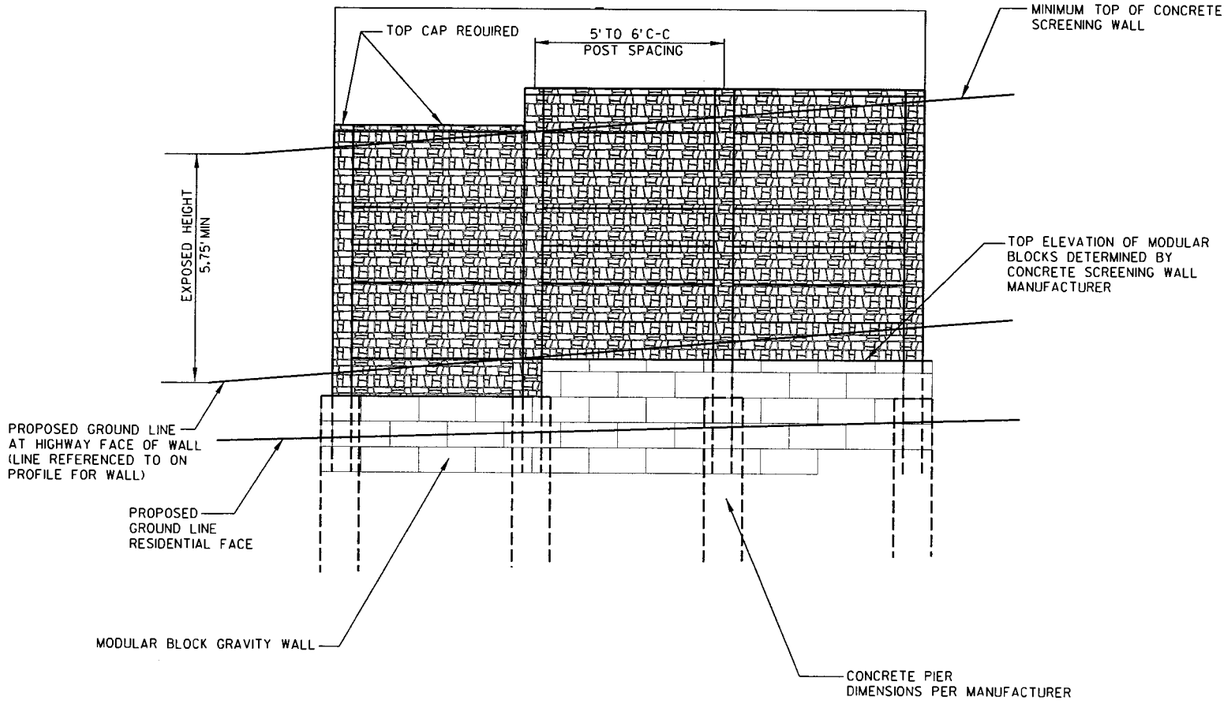


SIDE VIEW

TOP VIEW

NOTE

** DISTANCE BASED UPON MODULAR BLOCK DIMENSIONS



CONCRETE SCREENING WALL 6-FT

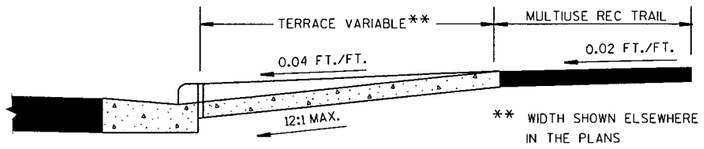
WITH MODULAR BLOCK GRAVITY WALL
(LOOKING AT RESIDENTIAL FACE OF WALL)

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	CONSTRUCTION DETAILS	SCALE, FEET 0 NTS	SHEET NO: 12	E

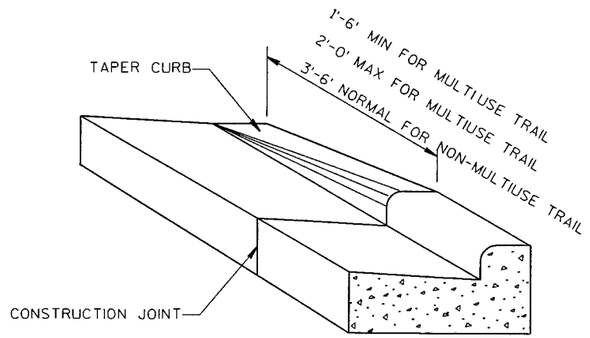
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\Trans\Widot\0223.00\CAD\CDCTHN01.dgn PLOT DATE: 1/7/2004 PLOT TIME: 2:16:52 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

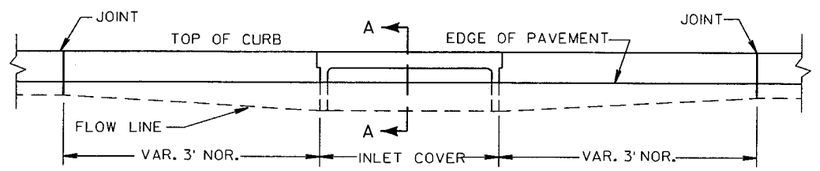
WISDOT/CADDS SHEET 42



SECTION B-B



DETAIL OF CURB & GUTTER TERMINI



ELEVATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

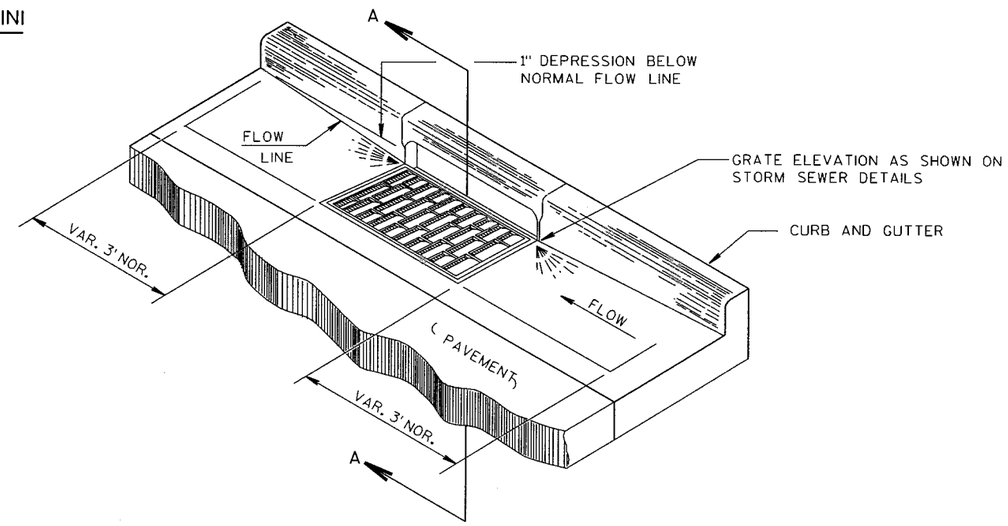
RAMPS SHALL BE BUILT AT 12:1 OR FLATTER. WHEN NECESSARY, THE TRAIL ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

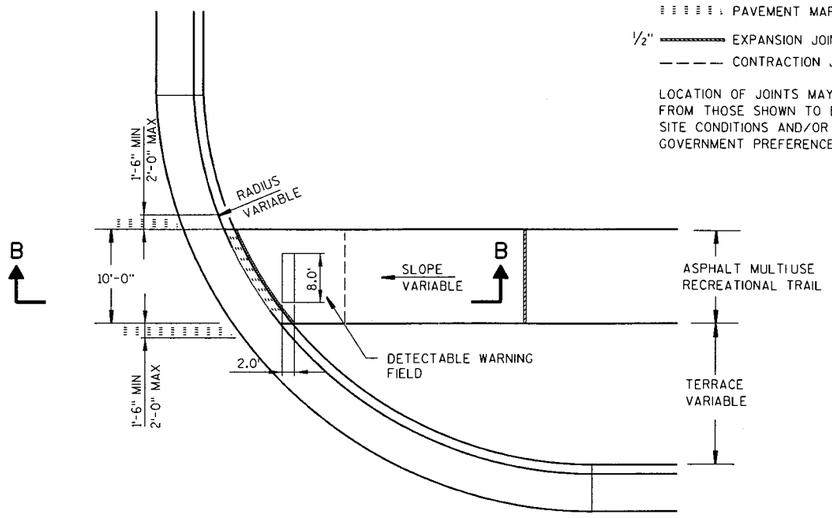
RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE CURB & GUTTER, SHALL BE MEASURED AND PAID BY THE LINEAL FOOT AS "CONCRETE CURB & GUTTER". ALL OTHER CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CONCRETE SIDEWALK."

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COURSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

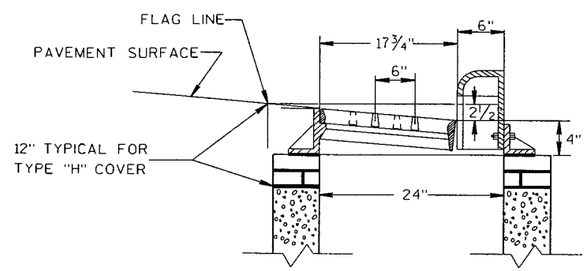




PLAN VIEW

TYPE 1 CURB RAMP (SPECIAL)

(ON LINE WITH MULTIUSE REC TRAIL)



SECTION A-A

DETAIL OF CURB AND GUTTER AT INLETS

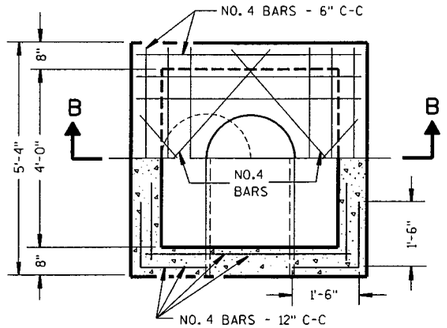
(TYPE 3-H INLET SHOWN)

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N	COUNTY: MARATHON	CONSTRUCTION DETAILS	SCALE, FEET 0 NTS	SHEET NO: 13	E

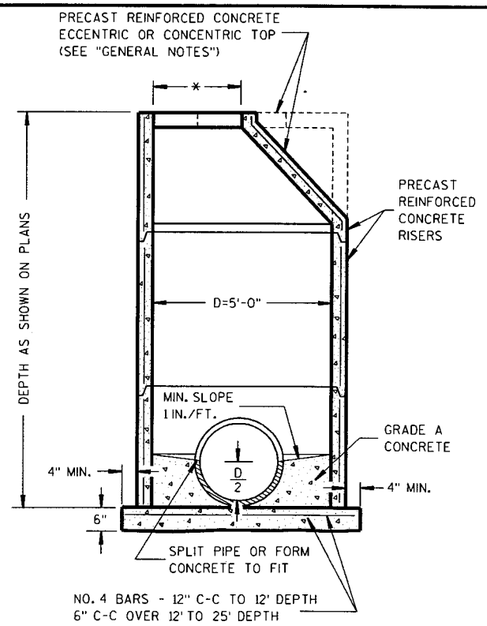
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\cdcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:05 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

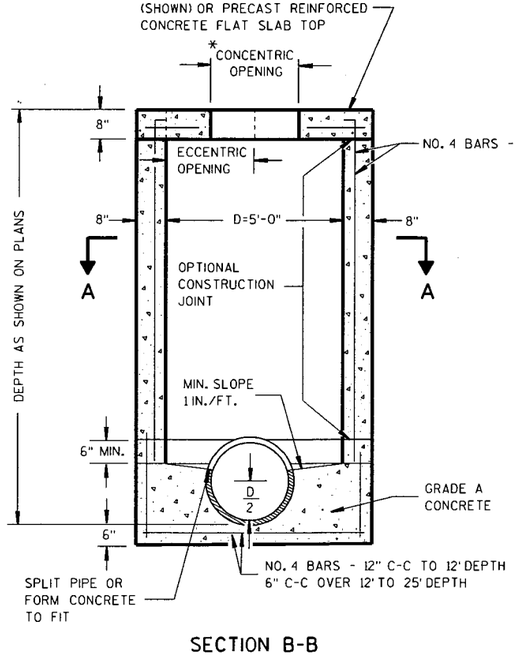
WISDOT/CADDS SHEET 42



HALF SECTION A-A



PRECAST REINFORCED CONCRETE



SECTION B-B
REINFORCED CONCRETE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 1-C", "CATCH BASINS 1-B", "INLETS 3-H", ETC. THE FIRST DIGIT DESIGNATES THE MASONRY PORTION OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES; AND BE CAPABLE OF SUPPORTING A CONCENTRATED LOAD OF 300 LBS. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

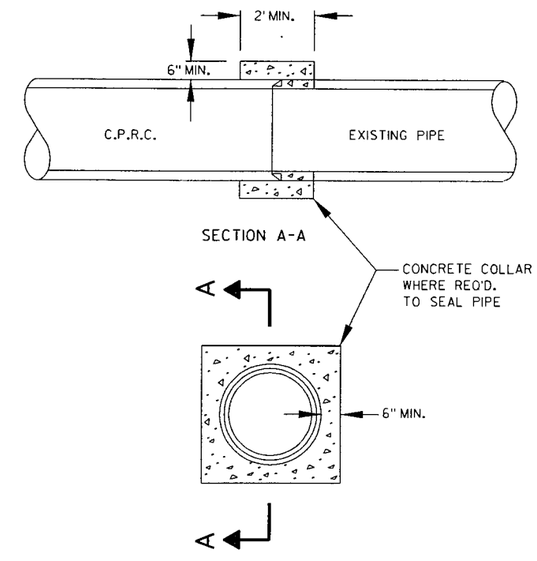
SOLID ALUMINUM STEPS SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 0.75 INCH. ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645 OR EQUIVALENT. STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

* USE 2'-0" DIAMETER OPENING WITH TYPE "C", "L" AND "J" COVERS, OR 3'-0" DIAMETER WITH TYPE "K" AND "M" COVERS.



CONCRETE COLLAR

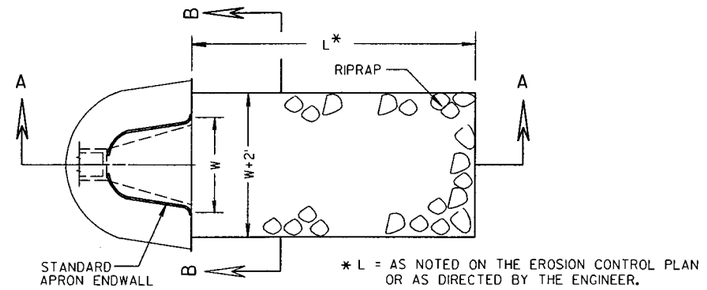
SPECIAL MANHOLE

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N	COUNTY: MARATHON	CONSTRUCTION DETAILS	SCALE, FEET 0 NTS	SHEET NO: 14	E

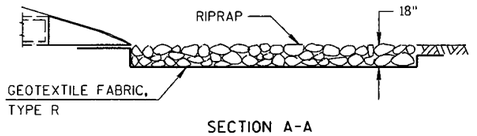
FILE NAME : e:\trans\widot\0223.00\cad\cdcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:05 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

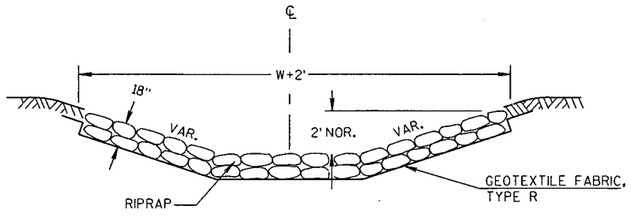
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



* L = AS NOTED ON THE EROSION CONTROL PLAN OR AS DIRECTED BY THE ENGINEER.

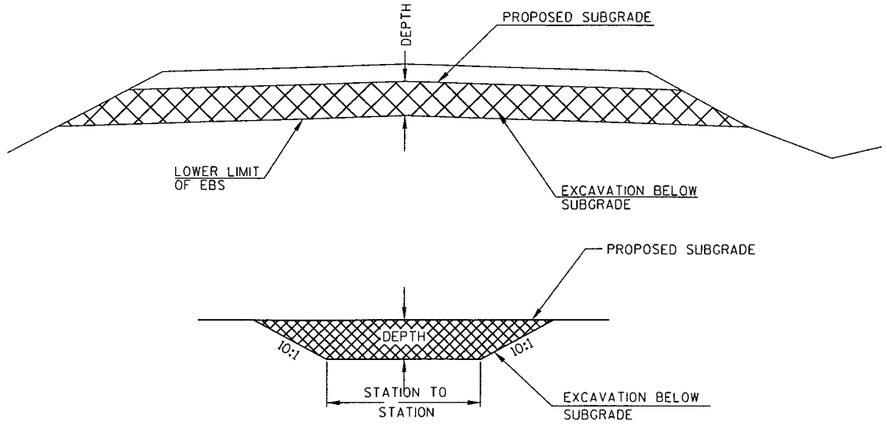


SECTION A-A

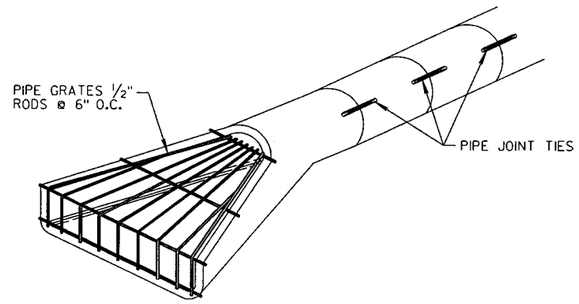


SECTION B-B

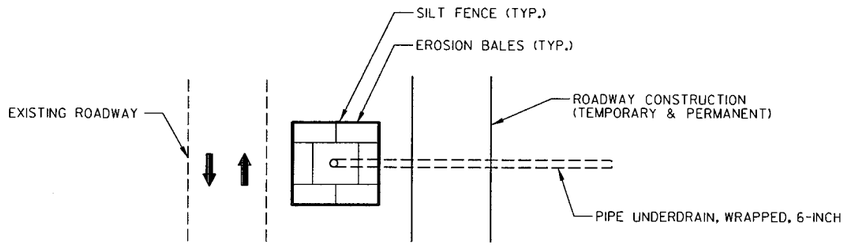
RIPRAP AND GEOTEXTILE FABRIC, TYPE R
DETAIL AT APRON ENDWALLS



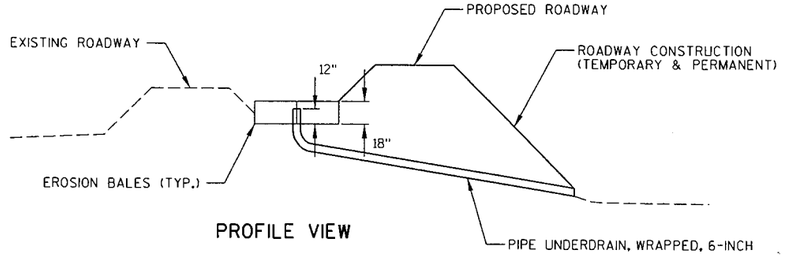
EXCAVATION BELOW SUBGRADE
DETAIL



STANDARD APRON ENDWALL DETAIL
AND PIPE GRATE



PLAN VIEW

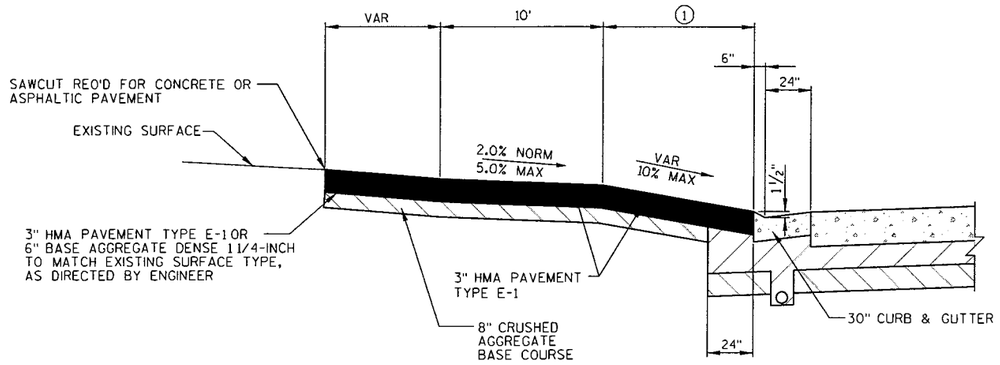


PROFILE VIEW

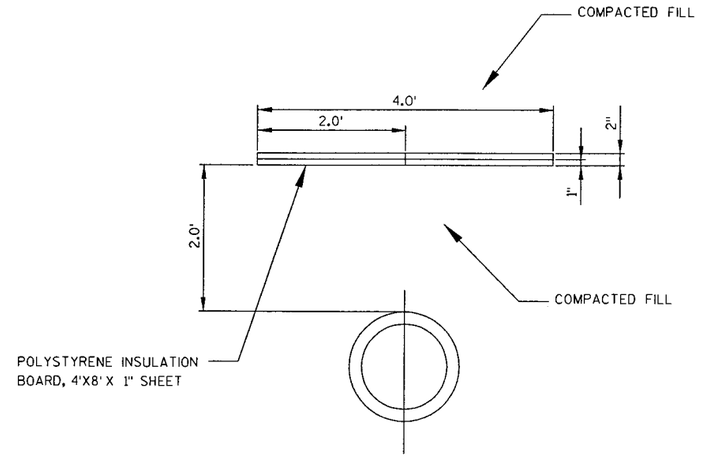
TEMPORARY INLET, TYPE II

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N	COUNTY: MARATHON	CONSTRUCTION DETAILS	SCALE, FEET 0 NTS	SHEET NO: 15	E



SECTION A-A

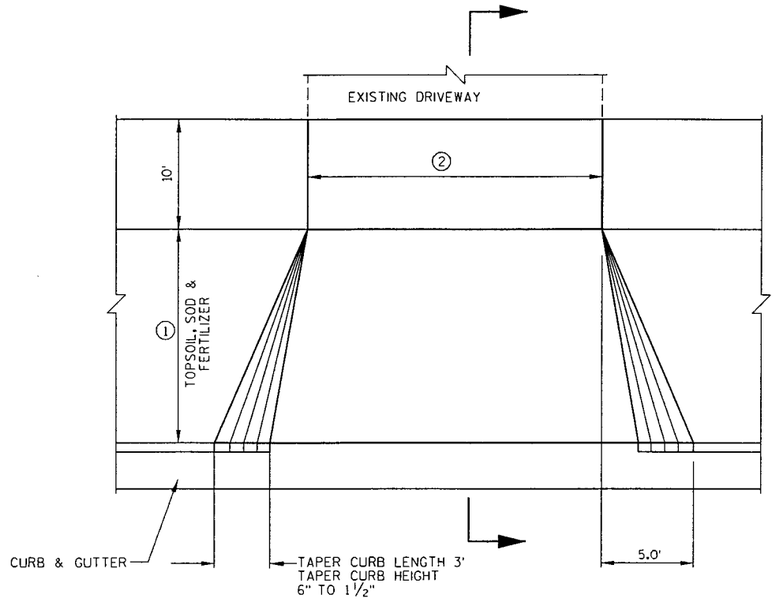


PIPELINE INSULATION DETAIL

NOTES:

① SEE TYPICAL SECTIONS FOR TERRACE WIDTHS.

② SEE PLAN/PROFILES FOR DRVEWAY WIDTHS.



PRIVATE/COMMERCIAL ENTRANCE

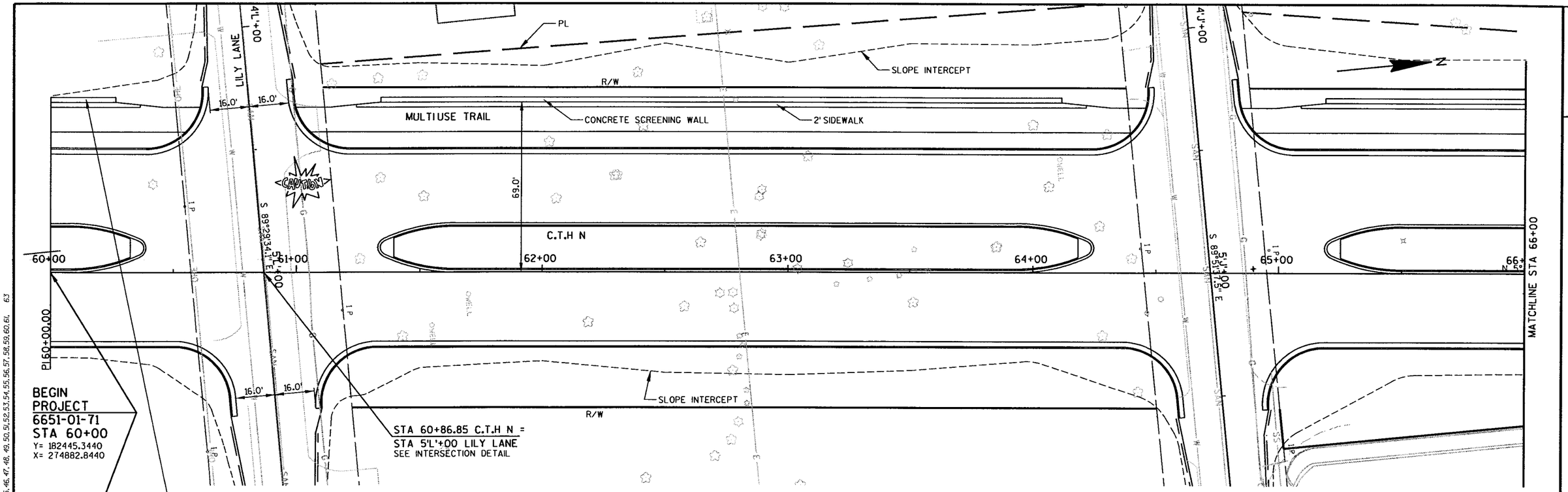
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

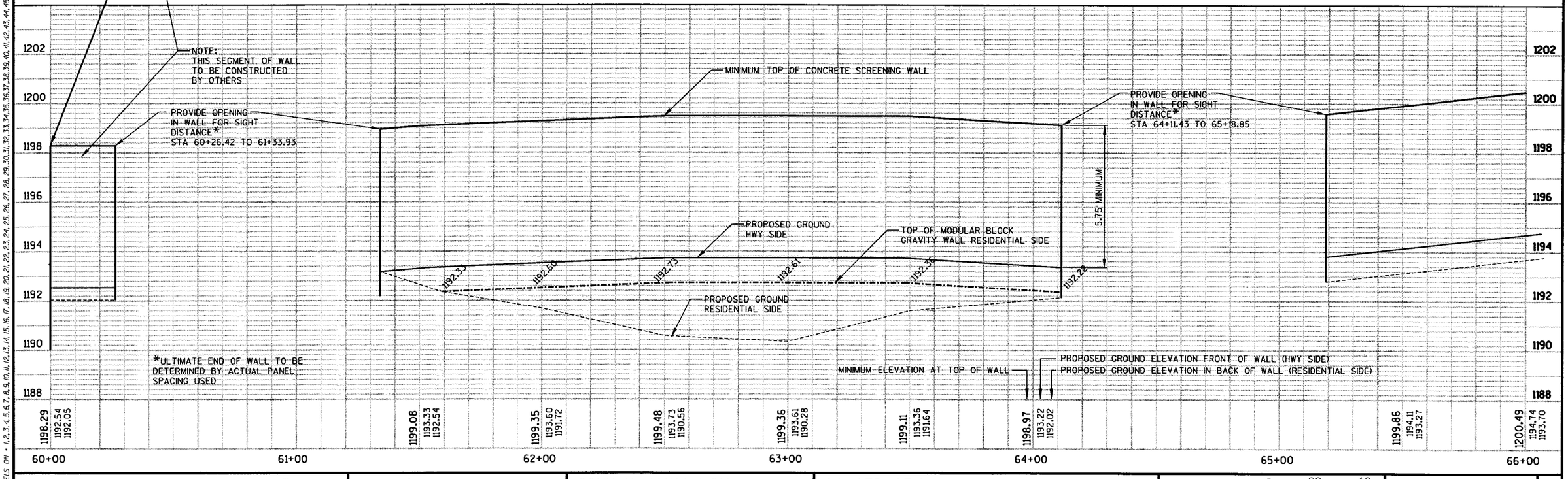
TOTAL PROJECT AREA WITHIN SLOPE INTERCEPTS= 27.53 ACRES

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N	COUNTY: MARATHON	CONSTRUCTION DETAILS	SCALE, FEET 0 NTS	SHEET NO: 16	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\cdcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:05 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A





STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	CONSTRUCTION DETAIL	SCALE, FEET 0 20 40	SHEET NO: 17	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

PL

SLOPE INTERCEPT

R/W

MULTIUSE TRAIL

CONCRETE SCREENING WALL

2' SIDEWALK

LILY LANE

CAUTION

61+53.45 CC6

C.T.H N 120'

62+93.45

120'

63+93.45

70'R

CC 11

64+20.73

64+49.89

MATCHLINE STA 65+00

BEGIN PROJECT 6651-01-71 STA 60+00 Y= 182445.3440 X= 274882.8440

STA 60+86.85 C.T.H N = STA 5'L'+00 LILY LANE SEE INTERSECTION DETAIL

NOTE: THIS SEGMENT OF WAL TO BE CONSTRUCTED BY OTHERS

PROVIDE OPENING IN WALL FOR SIGHT DISTANCE* STA 60+26.42 TO 61+33.93

MINIMUM TOP OF CONCRETE SCREENING WALL

PROVIDE OPENING IN WALL FOR SIGHT DISTANCE* STA 64+11.43 TO 65+10.85

PROPOSED GROUND HWY SIDE

TOP OF MODULAR BLOCK GRAVITY WALL RESIDENTIAL SIDE

5.75' MINIMUM

PROPOSED GROUND RESIDENTIAL SIDE

*ULTIMATE END OF WALL TO BE DETERMINED BY ACTUAL PANEL SPACING USED

MINIMUM ELEVATION AT TOP OF WALL

PROPOSED GROUND ELEVATION FRONT OF WALL (HWY SIDE)

PROPOSED GROUND ELEVATION IN BACK OF WALL (RESIDENTIAL SIDE)

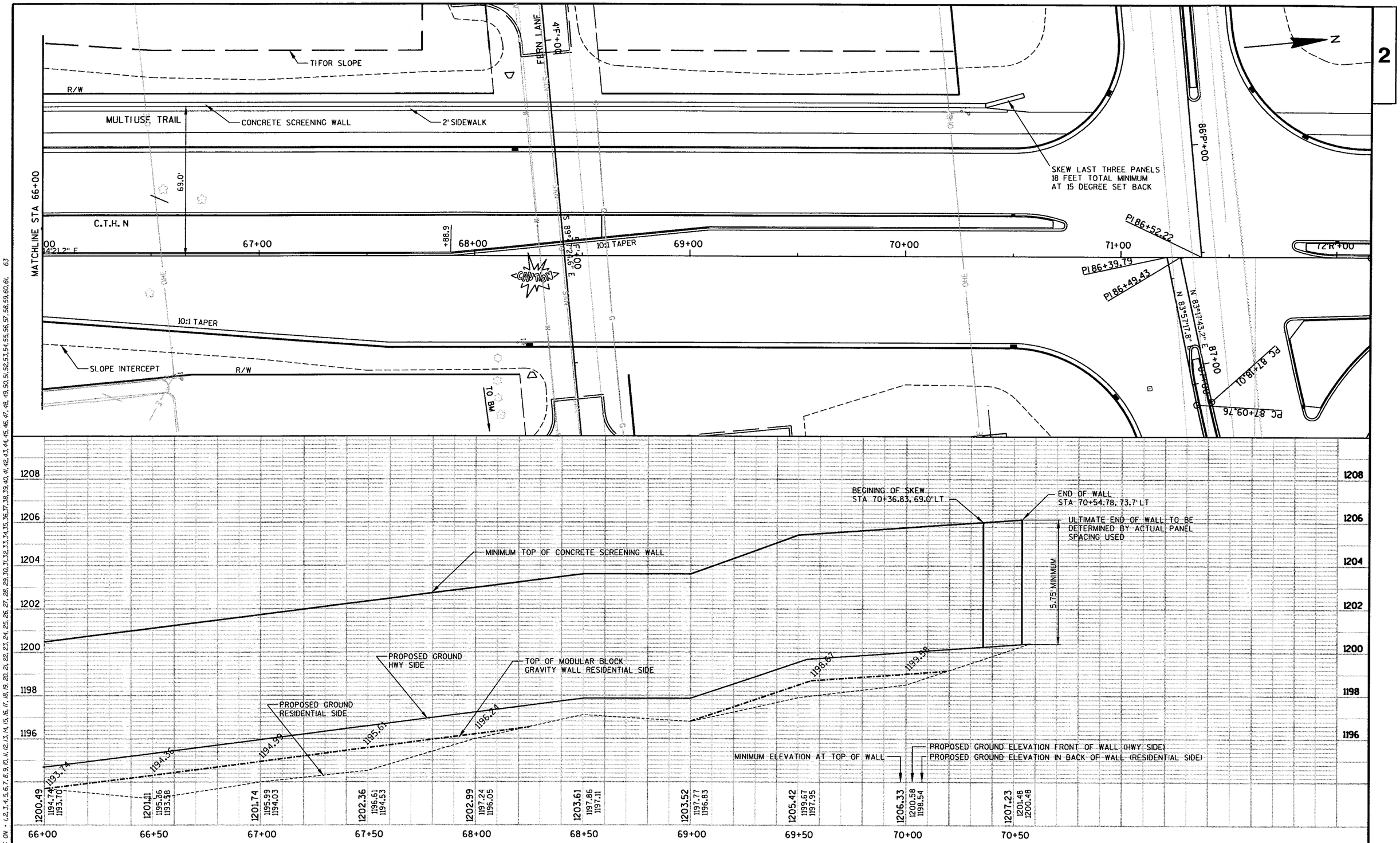
60+00	61+00	62+00	63+00	64+00	65+00	66+00
1198.29	1192.54 1192.05	1199.08 1193.33 1192.54	1199.35 1193.60 1191.72	1199.48 1193.73 1190.56	1199.36 1193.61 1190.28	1199.11 1193.36 1191.64	1198.97 1193.22 1192.02	1199.86 1194.11 1193.27	1200.49 1194.74 1193.70

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	CONSTRUCTION DETAIL	SCALE, FEET 0 20 40	SHEET NO: 17A	E

FILE NAME : e:\Trans\Widot\0223.00\CAD\Wall Alignment.dgn PLOT DATE: 5/7/2004 PLOT TIME: 2:06:20 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	CONSTRUCTION DETAILS	SCALE, FEET 0 20 40	SHEET NO: 18	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\wall alignment2.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:00:56 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

N

BEGIN CONSTRUCTION
STA 3'L'+65.00
MATCH EXISTING
SAWCUT REQ'D

STA 60+86.85 C.T.H N =
STA 5'L'+00 LILY LANE

THIS PORTION OF WALL TO BE CONSTRUCTED BY OTHERS

LILY LANE

4'L'+00

PL

R/W

MULTIUSE TRAIL

CC1 CC2 CC100 CC101 CC102 CC103 CC4 CC5 CC6

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE CURB & GUTTER 18-INCH TYPE D

WPS

SLOPE INTERCEPT

C.T.H N

60+00 61+00 62+00

5'L'+00 6'L'+00

+12.8 +23.0 +67.0 +57.0 +97.0

16.0' 16.0' 16.0' 16.0'

28.0' 20.0'

1191.57 1191.66 1191.87 1192.20 1191.75 1191.73 1191.66 1191.91 1191.56 1191.56 1192.22

CAUTION

END CONSTRUCTION
STA 6'L'+15.00
MATCH EXISTING
SAWCUT REQ'D

(1) TYPE 1 CURB RAMP (SPECIAL) *SEE DETAIL

RADIUS POINT TABLE

POINT	STATION	OFFSET	RADIUS	COORDINATES
CC100	60+07.42 C.T.H. N 5'L'+42.56 LILY LANE	50.0' LT 83.7' RT	70.0' R	Y = 182446.7242 X = 274943.3482
CC101	60+07.36 C.T.H. N 4'L'+23.03 LILY LANE	70.0' LT 72.8' RT	70.0' R	Y = 182458.6686 X = 274823.9447
CC102	61+64.39 C.T.H. N 4'L'+37.34 LILY LANE	70.0' LT 86.6' LT	70.0' R	Y = 182614.9110 X = 274839.6470
CC103	60+64.35 C.T.H. N 5'L'+56.87 LILY LANE	50.0' RT 72.6' LT	70.0' R	Y = 182602.8648 X = 274959.0408

RADIUS POINT TABLE

POINT	STATION	OFFSET	RADIUS	COORDINATES
CC1	60+39.00 C.T.H. N 4'L'+22.93 LILY LANE	72.9' LT 41.0' RT	25.0' R	Y = 182490.4562 X = 274824.1247
CC2	61+21.35 C.T.H. N 4'L'+30.43 LILY LANE	73.0' LT 41.0' LT	25.0' R	Y = 182572.3858 X = 274832.3579
CC3	61+32.88 C.T.H. N 5'L'+57.02 LILY LANE	53.0' RT 41.0' LT	25.0' R	Y = 182571.2632 X = 274958.8798
CC4	60+50.54 C.T.H. N 5'L'+49.51 LILY LANE	53.0' RT 41.0' RT	25.0' R	Y = 182489.3334 X = 274950.6484
CC5	60+34.89 C.T.H. N 4'L'+85.30 LILY LANE	10.0' LT 50.9' RT	4.0' R	Y = 182480.0560 X = 274886.3833
CC6	61+36.87 C.T.H. N 4'L'+94.60 LILY LANE	10.0' LT 50.7' LT	4.0' R	Y = 182581.5313 X = 274896.5838

N

BEGIN CONSTRUCTION
STA 3'J'+65.00
MATCH EXISTING
SAWCUT REQ'D

STA 64+72.24 C.T.H N =
STA 5'J'+00 JONQUIL LANE

JONQUIL LANE

4'J'+00

PL

R/W

MULTIUSE TRAIL

CC7 CC8 CC105 CC106 CC11 CC12

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE CURB & GUTTER 18-INCH TYPE D

SLOPE INTERCEPT

C.T.H N

64+00 65+00

5'J'+00 6'J'+00

+11.8 +32.5 +67.3 +17.5

16.0' 16.0' 16.0' 16.0'

28.0' 20.0'

1191.57 1191.47 1191.67 1191.86 1192.29 1192.62 1192.23 1191.93 1192.14 1191.56 1191.62 1192.73

CAUTION

EXISTING R/W

END CONSTRUCTION
STA 6'J'+40.00
MATCH EXISTING
SAWCUT REQ'D

(1) TYPE 1 CURB RAMP (SPECIAL) *SEE DETAIL

RADIUS POINT TABLE

POINT	STATION	OFFSET	RADIUS	COORDINATES
CC104	63+93.25 C.T.H. N 5'J'+42.06 JONQUIL LANE	50.0' RT 83.5' RT	70.0' R	Y = 182801.1641 X = 274978.9703
CC105	63+93.22 C.T.H. N 4'J'+22.61 JONQUIL LANE	70.0' LT 71.8' RT	70.0' R	Y = 182813.1386 X = 274859.5694
CC106	65+50.11 C.T.H. N 4'J'+37.92 JONQUIL LANE	70.0' LT 84.4' LT	70.0' R	Y = 182969.2452 X = 274875.2551
CC107	65+50.10 C.T.H. N 5'J'+57.37 JONQUIL LANE	50.0' RT 72.6' LT	70.0' R	Y = 182957.2347 X = 274994.6561

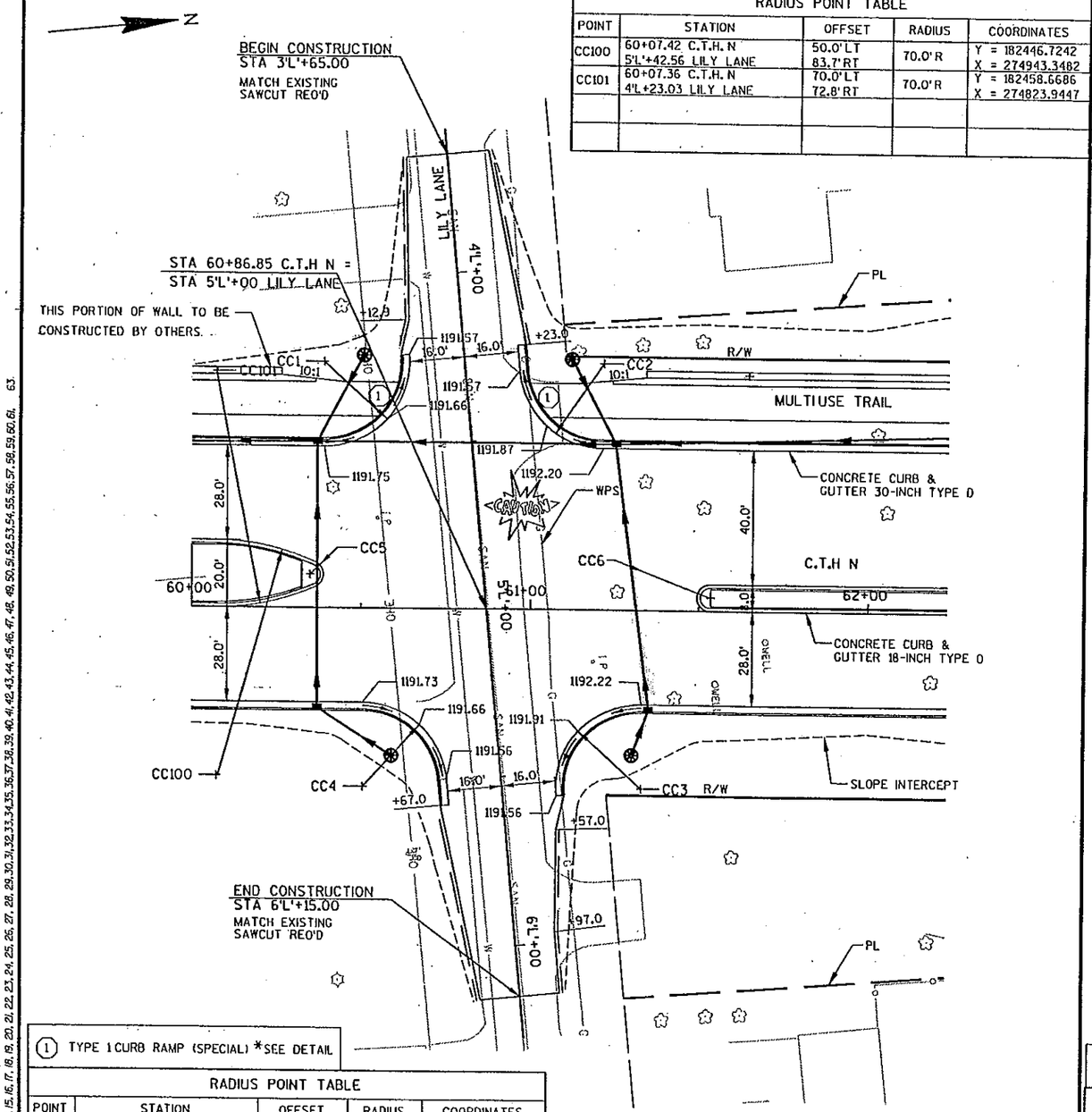
RADIUS POINT TABLE

POINT	STATION	OFFSET	RADIUS	COORDINATES
CC7	64+23.87 C.T.H. N 4'J'+22.64 JONQUIL LANE	73.0' LT 41.0' RT	25.0' R	Y = 182843.9359 X = 2748596684
CC8	65+06.26 C.T.H. N 4'J'+30.68 JONQUIL LANE	73.0' LT 41.0' LT	25.0' R	Y = 182925.9153 X = 274867.9108
CC9	65+18.61 C.T.H. N 5'J'+57.26 JONQUIL LANE	53.0' RT 41.0' LT	25.0' R	Y = 182925.6061 X = 274994.4924
CC10	64+36.22 C.T.H. N 5'J'+49.24 JONQUIL LANE	53.0' RT 41.0' RT	25.0' R	Y = 182843.6264 X = 274986.2530
CC11	64+20.73 C.T.H. N 4'J'+85.00 JONQUIL LANE	10.0' LT 50.3' RT	4.0' R	Y = 182834.5099 X = 274922.0136
CC12	65+22.61 C.T.H. N 4'J'+94.95 JONQUIL LANE	10.0' RT 51.1' RT	4.0' R	Y = 182935.8863 X = 274932.2041

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	INTERSECTION DETAILS	SCALE, FEET 0 20 40	SHEET NO: 19	E

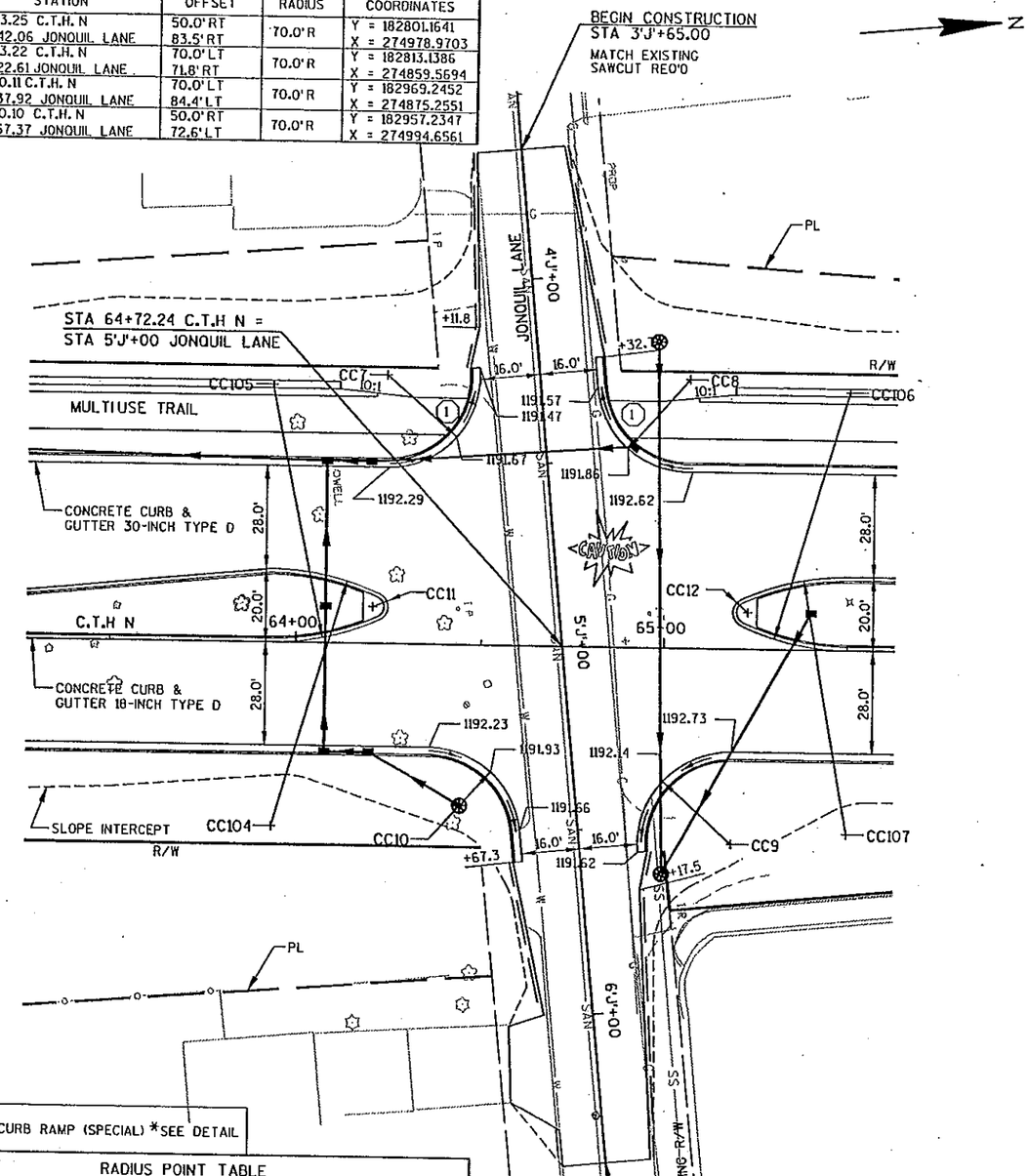
FILE NAME : e:\trans\widot\0223.00\ccd\idcthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:00:59 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC100	60+07.42 C.T.H. N 5'L'+42.56 LILY LANE	50.0'LT 83.7'RT	70.0'R	Y = 182446.7242 X = 274943.3482
CC101	60+07.36 C.T.H. N 4'L'+23.03 LILY LANE	70.0'LT 72.8'RT	70.0'R	Y = 182458.6686 X = 274823.9447

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC1	60+39.00 C.T.H. N 4'L'+22.93 LILY LANE	72.9'LT 41.0'RT	25.0'R	Y = 182490.4562 X = 274824.1247
CC2	61+21.35 C.T.H. N 4'L'+30.43 LILY LANE	73.0'LT 41.0'LT	25.0'R	Y = 182572.3858 X = 274832.3579
CC3	61+32.88 C.T.H. N 5'L'+57.02 LILY LANE	53.0'RT 41.0'LT	25.0'R	Y = 182571.2632 X = 274958.8798
CC4	60+50.54 C.T.H. N 5'L'+49.51 LILY LANE	53.0'RT 41.0'RT	25.0'R	Y = 182489.3334 X = 274950.6484
CC5	60+34.89 C.T.H. N 4'L'+85.30 LILY LANE	10.0'LT 50.9'RT	4.0'R	Y = 182480.0560 X = 274886.3833
CC6	61+53.45 C.T.H. N 5'L'+02.09 LILY LANE	4.0'LT 66.7'LT	4.0'R	Y = 182487.9112 X = 275096.1622

① TYPE 1 CURB RAMP (SPECIAL) *SEE DETAIL



RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC104	63+93.25 C.T.H. N 5'J'+42.06 JONQUIL LANE	50.0'RT 83.5'RT	70.0'R	Y = 182801.1641 X = 274978.9703
CC105	63+93.22 C.T.H. N 4'J'+22.61 JONQUIL LANE	70.0'LT 71.8'RT	70.0'R	Y = 182813.1386 X = 274859.5694
CC106	65+50.11 C.T.H. N 4'J'+37.92 JONQUIL LANE	70.0'LT 84.4'LT	70.0'R	Y = 182969.2452 X = 274875.2551
CC107	65+50.10 C.T.H. N 5'J'+57.37 JONQUIL LANE	50.0'RT 72.6'LT	70.0'R	Y = 182957.2347 X = 274994.6561

① TYPE 1 CURB RAMP (SPECIAL) *SEE DETAIL

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC7	64+23.87 C.T.H. N 4'J'+22.64 JONQUIL LANE	73.0'LT 41.0'RT	25.0'R	Y = 182843.9359 X = 2748596684
CC8	65+06.26 C.T.H. N 4'J'+30.68 JONQUIL LANE	73.0'LT 41.0'LT	25.0'R	Y = 182925.9153 X = 274867.9108
CC9	65+18.61 C.T.H. N 5'J'+57.26 JONQUIL LANE	53.0'RT 41.0'LT	25.0'R	Y = 182925.6061 X = 274994.4924
CC10	64+36.22 C.T.H. N 5'J'+49.24 JONQUIL LANE	53.0'RT 41.0'RT	25.0'R	Y = 182843.6264 X = 274986.2530
CC11	64+20.73 C.T.H. N 4'J'+85.00 JONQUIL LANE	10.0'LT 50.3'RT	4.0'R	Y = 182834.5099 X = 274922.0136
CC12	65+22.61 C.T.H. N 4'J'+94.95 JONQUIL LANE	10.0'RT 51.1'RT	4.0'R	Y = 182935.8863 X = 274932.2041

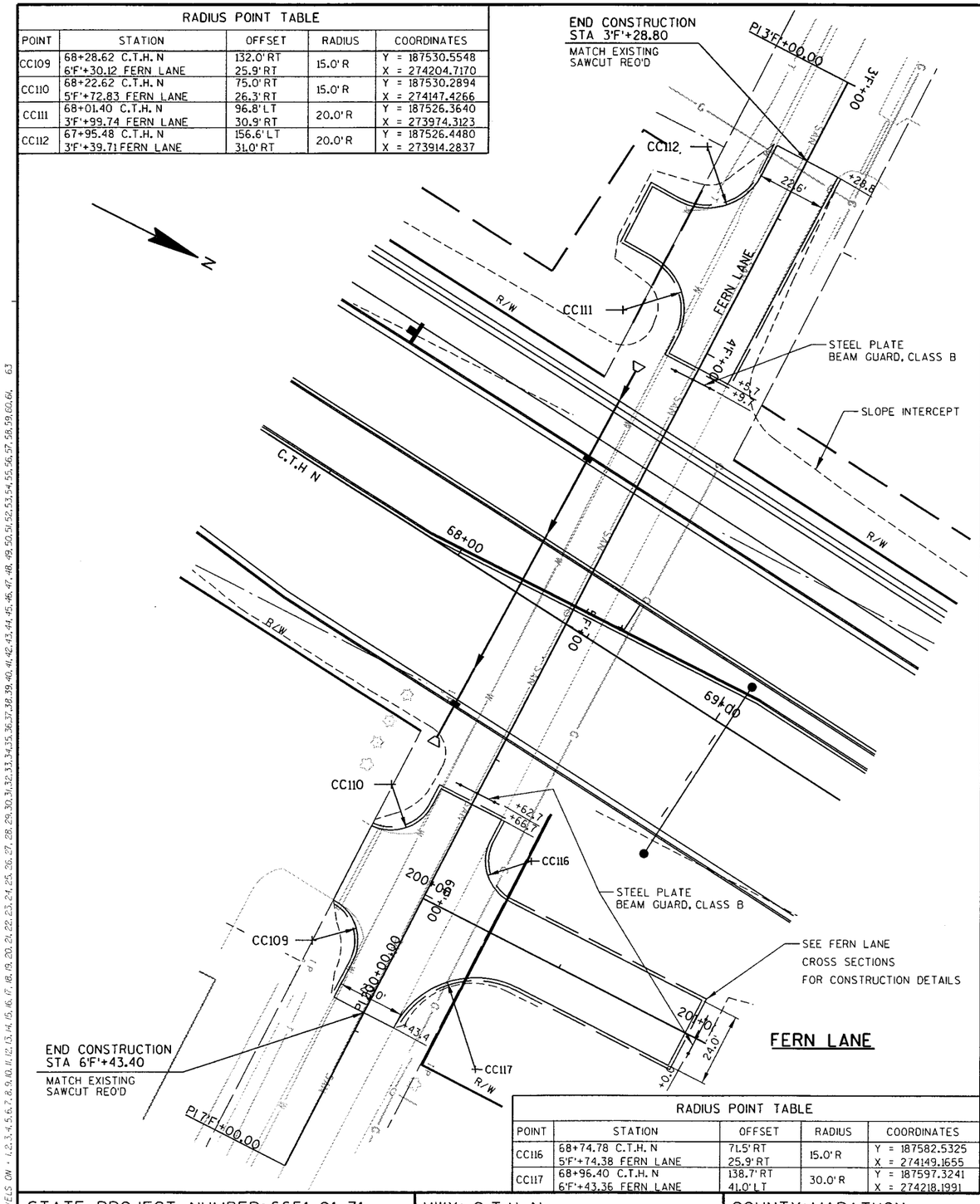
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	INTERSECTION DETAILS	SCALE, FEET 0 20 40	SHEET NO: 19A	E

FILE NAME : e:\Trans\Widot\0223.00\CAD\IDCTHND1.dgn PLOT DATE: 5/10/2004 PLOT TIME: 8:30:32 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

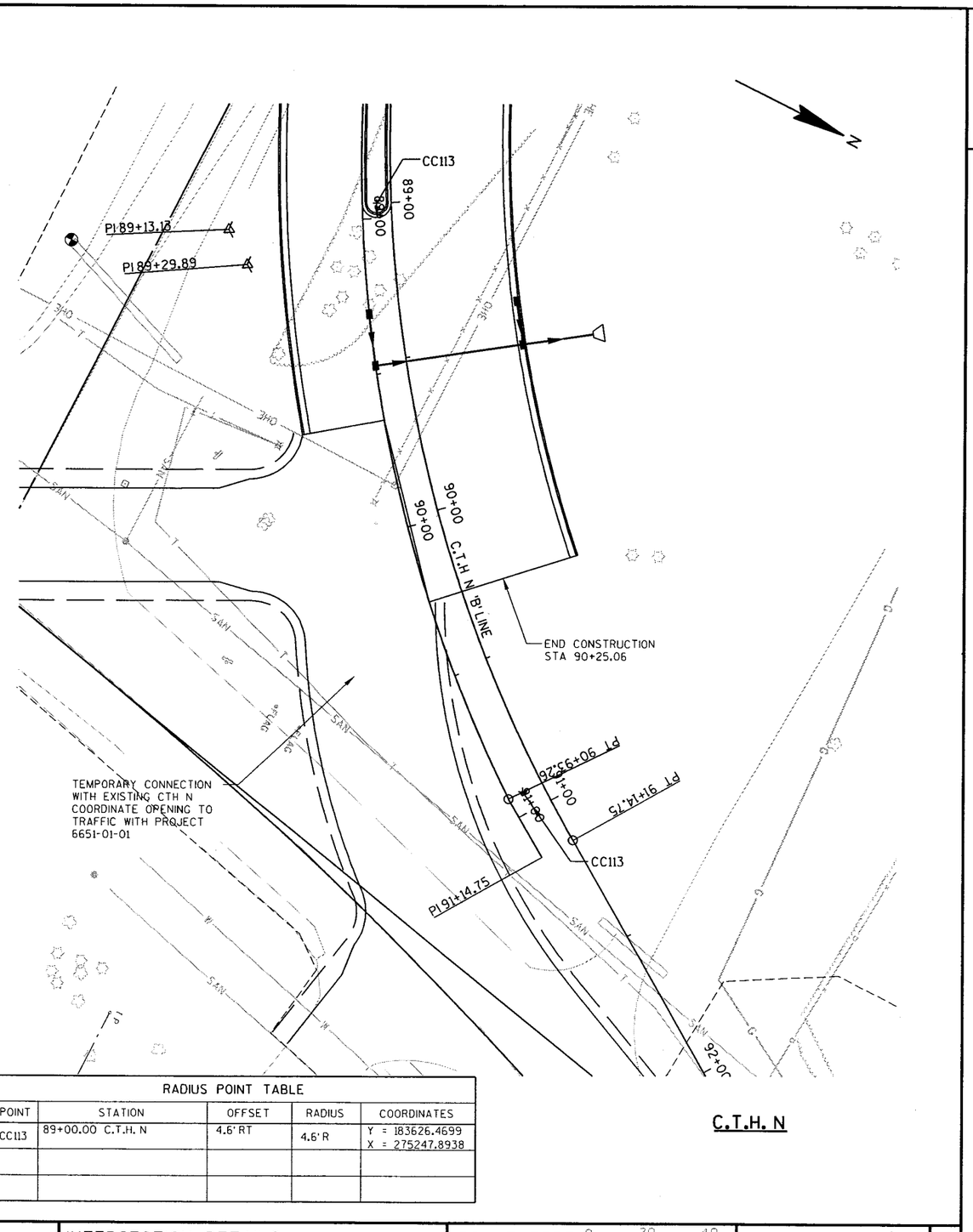
WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC109	68+28.62 C.T.H. N 6'F'+30.12 FERN LANE	132.0' RT 25.9' RT	15.0' R	Y = 187530.5548 X = 274204.7170
CC110	68+22.62 C.T.H. N 5'F'+72.83 FERN LANE	75.0' RT 26.3' RT	15.0' R	Y = 187530.2894 X = 274147.4266
CC111	68+01.40 C.T.H. N 3'F'+99.74 FERN LANE	96.8' LT 30.9' RT	20.0' R	Y = 187526.3640 X = 273974.3123
CC112	67+95.48 C.T.H. N 3'F'+39.71 FERN LANE	156.6' LT 31.0' RT	20.0' R	Y = 187526.4480 X = 273914.2837



RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC116	68+74.78 C.T.H. N 5'F'+74.38 FERN LANE	71.5' RT 25.9' RT	15.0' R	Y = 187582.5325 X = 274149.1655
CC117	68+96.40 C.T.H. N 6'F'+43.36 FERN LANE	138.7' RT 41.0' LT	30.0' R	Y = 187597.3241 X = 274218.1991



RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC113	89+00.00 C.T.H. N	4.6' RT	4.6' R	Y = 183626.4699 X = 275247.8938

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	INTERSECTION DETAILS	SCALE, FEET 0 20 40	SHEET NO: 2Ø	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\idcthn01a.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:07 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : 1/1/A

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC13	70+50.75 C.T.H. N 85'P'+46.46 PARK RD	98.0' LT 77.0' RT	50.0' R	Y = 183499.6258 X = 274900.4238
CC14	72'R'+13.06 C.T.H. R 85'P'+46.91 PARK RD	113.0' LT 86.0' LT	65.0' R	Y = 183662.6238 X = 274901.7388
CC15	73'R'+18.99 C.T.H. R 88+36.08 C.T.H. N	113.0' RT 121.0' LT	85.0' R	Y = 183715.4991 X = 275143.5300
CC16	70+48.55 C.T.H. N 87+31.87 C.T.H. N	105.0' RT 100.0' RT	65.0' R	Y = 183477.1317 X = 275102.1857
CC17	71+33.29 CTH N 85'P'+77.05 PARK RD	75.1' LT 3.0' LT	3.0' R	Y = 183579.4658 X = 274931.4425
CC18	71+24.38 C.T.H. N 84'P'+83.05 PARK RD	168.7' LT 3.0' LT	3.0' R	Y = 183579.9614 X = 274837.4431
CC19	71'R'+81.72 C.T.H. R 86+50.98 PARK RD	5.5' LT 44.6' LT	2.5' R	Y = 183620.6874 X = 275005.5587
CC20	72'R'+00.05 C.T.H. R 85'P'+98.43 PARK RD	60.0' LT 68.0' LT	60.0' R	Y = 183644.3749 X = 274953.1645

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC21	71+34.46 C.T.H. N 86+92.95 C.T.H. N	43.0' LT 2.5' RT	2.5' R	Y = 183568.8121 X = 275049.1398
CC22	71'R'+92.07 C.T.H R 87+07.98 C.T.H. N	45.8' RT 53.0' LT	60.0' R	Y = 183625.6876 X = 275057.5916
CC23	71'R'+79.62 C.T.H. R 86'R'+91.77 C.T.H. R	31.9' RT 44.0' LT	4.0' R	Y = 183614.8595 X = 275042.5393
CC24	72'R'+24.91 C.T.H. R 86+99.83 C.T.H. N	30.2' RT 88.0' LT	4.0' R	Y = 183659.4422 X = 275045.4147
CC25	71'R'+88.92 C.T.H. R 87+34.04 C.T.H. N	71.5' RT 44.3' RT	4.0' R	Y = 183620.1239 X = 275082.9282
CC26	73'R'+18.99 C.T.H. R 88+36.08 C.T.H. N	113.0' RT 121.0' LT	109.0' R	Y = 183715.4991 X = 275143.5300
CC27	70+72.50 C.T.H. N 86'P'+31.64 PARK RD	14.5' LT 63.3' RT	2.5' R	Y = 183512.9180 X = 274985.6830
CC28	70+54.16 C.T.H. N 86+72.68 C.T.H. N	40.0' RT 80.3' RT	60.0' R	Y = 275038.0734 X = 183489.2220

(1) TYPE 1 CURB RAMP (SPECIAL) *SEE DETAIL

NOTE: SKEW LAST THREE PANELS AT 15° FOR VISION TRIANGLE

STA 71'R'+37.42 C.T.H R =
STA 86'P'+52.22 PARK ROAD

STA 71+21.17 C.T.H N =
STA 86+39.79 C.T.H. N

STA 71'R'+27.53 C.T.H. R =
STA 86+49.43 C.T.H. N 'B' LINE

C.T.H. N/C.T.H. R/PARK ROAD

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	INTERSECTION DETAILS	SCALE, FEET 0 20 40	SHEET NO: 21	E

FILE NAME : e:\trans\widot\0223.00\cad\idcthn02.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:02 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A
WISDOT/CADDS SHEET 42

REVISED

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC13	70+50.75 C.T.H. N 85'P'+46.46 PARK RD	98.0'LT 77.0'RT	50.0' R	Y = 183499.6258 X = 274900.4238
CC14	72'R'+13.06 C.T.H. R 85'P'+46.91 PARK RD	113.0'LT 86.0'LT	65.0' R	Y = 183662.6238 X = 274901.7388
CC15	73'R'+18.99 C.T.H. R 88+36.08 C.T.H. N	113.0'RT 121.0'LT	85.0' R	Y = 183715.4991 X = 275143.5300
CC16	70+48.55 C.T.H. N 87+31.87 C.T.H. N	105.0'RT 100.0'RT	65.0' R	Y = 183477.1317 X = 275102.1857
CC17	71+33.29 CTH N 85'P'+77.05 PARK RD	75.1'LT 3.0'LT	3.0' R	Y = 183579.4658 X = 274931.4425
CC18	71+24.38 C.T.H. N 84'P'+83.05 PARK RD	168.7'LT 3.0'LT	3.0' R	Y = 183579.9614 X = 274837.4431
CC19	71'R'+81.72 C.T.H. R 86+50.98 PARK RD	5.5'LT 44.6'LT	2.5' R	Y = 183620.6874 X = 275005.5587
CC20	72'R'+00.05 C.T.H. R 85'P'+98.43 PARK RD	60.0'LT 68.0'LT	60.0' R	Y = 183644.3749 X = 274953.1645

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC21	71+34.46 C.T.H. N 86+92.95 C.T.H. N	43.0'LT 2.5'RT	2.5'R	Y = 183568.8121 X = 275049.1398
CC22	71'R'+92.07 C.T.H. R 87+07.98 C.T.H. N	45.8'RT 53.0'LT	60.0'R	Y = 183625.6876 X = 275057.5916
CC23	71'R'+79.62 C.T.H. R 86'R'+91.77 C.T.H. R	31.9'RT 44.0'LT	4.0'R	Y = 183614.8595 X = 275042.5393
CC24	72'R'+24.91 C.T.H. R 86+99.83 C.T.H. N	30.2'RT 88.0'LT	4.0'R	Y = 183659.4422 X = 275045.4147
CC25	71'R'+88.92 C.T.H. R 87+34.04 C.T.H. N	71.5'RT 44.3'RT	4.0'R	Y = 183620.1239 X = 275082.9282
CC26	73'R'+18.99 C.T.H. R 88+36.08 C.T.H. N	113.0'RT 121.0'LT	109.0'R	Y = 183715.4991 X = 275143.5300
CC27	70+72.50 C.T.H. N 86'P'+31.64 PARK RD	14.5'LT 63.3'RT	2.5'R	Y = 183512.9180 X = 274985.6830
CC28	70+54.16 C.T.H. N 86+72.68 C.T.H. N	40.0'RT 80.3'RT	60.0'R	Y = 275038.0734 X = 183489.2220

(1) TYPE 1 CURB RAMP (SPECIAL) *SEE DETAIL

2

N

NOTE: SKEW LAST THREE PANELS AT 15° FOR VISION TRIANGLE

SLOPE INTERCEPT

PL

R/W

CC13

10:1

1201.64

1199.84

CONCRETE CURB & GUTTER 18-INCH TYPE D

28.0'

+54.2

CC27

69+00

8.0'

C.T.H. N

70+00

71+00

52.0'

OHE

CONCRETE CURB & GUTTER 30-INCH TYPE D

1199.13

CC28

1199.27

1199.15

STA 71+21.17 C.T.H N =
STA 86+39.79 C.T.H. N

STA 71'R'+27.53 C.T.H. R =
STA 86+49.43 C.T.H. N 'B' LINE

SLOPE INTERCEPT

20+00

CC16

PI 201+96.47

R/W

1199.03

1198.96

C.T.H. N

C.T.H. N 'B' LINE

88+00

24.0'

1197.75

PARK ROAD

CC18

+80.0

27.0'

6.0'

15.0'

1203.71

1203.43

CC17

86+00

1201.46

CC14

R/W

STA 71'R'+37.42 C.T.H R =
STA 86'P'+52.22 PARK ROAD

SLOPE INTERCEPT

MULTI USE TRAIL

1203.06

CC20

CC19

72'R'+00

73'R'+00

C.T.H. R

8.0'

40.0'

+59.4

PI 74'R'+28.13

CC23

CC24

87+00

PC 87+18.03

10°18'

CC22

1200.38

92°09'

PC 87+60.26

40.0'

CC25

1203.05

28.0'

74'R'+00

+40.0

1201.98

SLOPE INTERCEPT

75'R'+00

1199.30

CC15
CC26

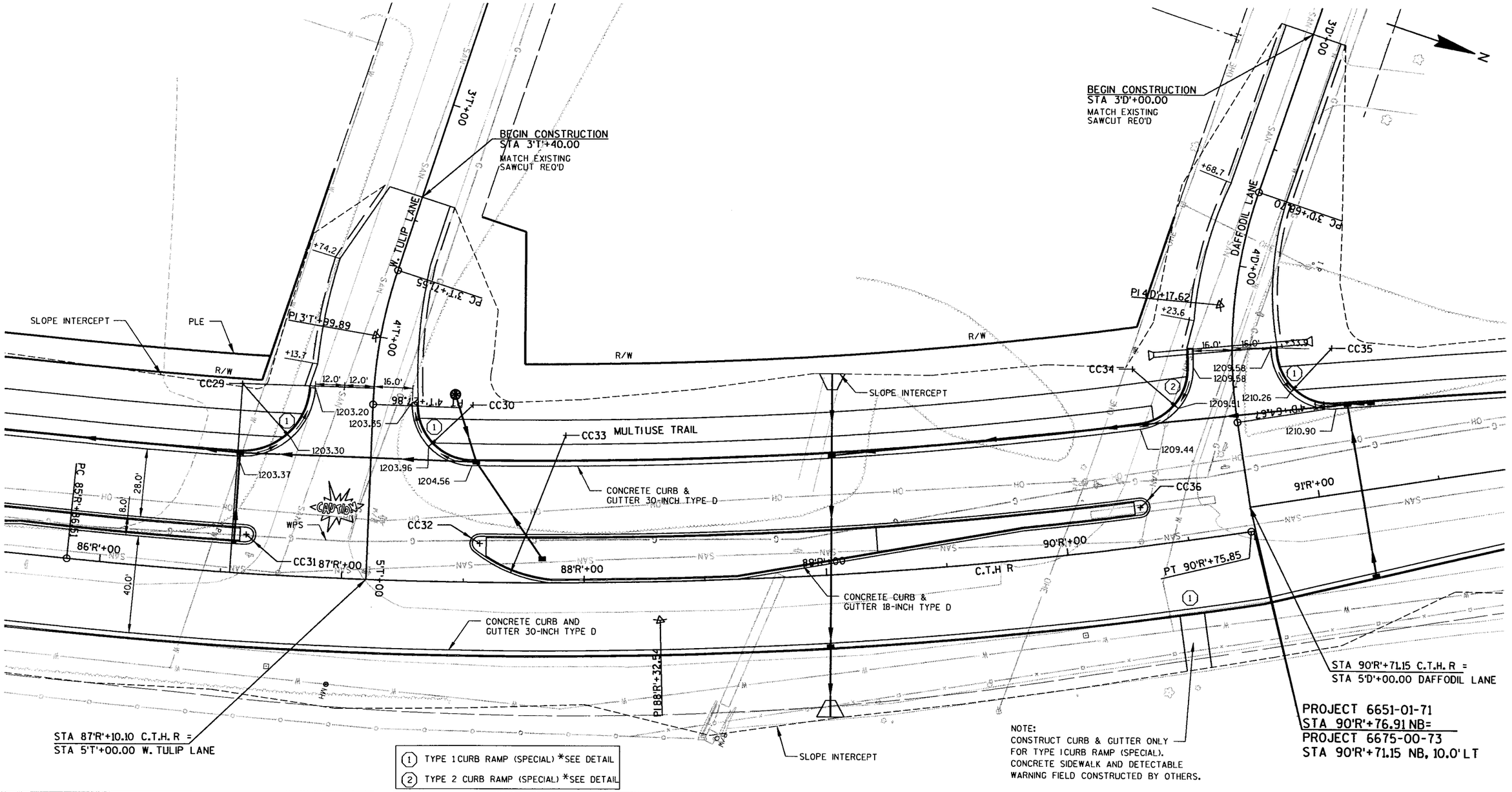
C.T.H. N/C.T.H. R/PARK ROAD

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	INTERSECTION DETAILS	SCALE, FEET 0 20 40	SHEET NO: 2 A	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\Trans\Widot\0223.00\CAD\IDCTHN02.dgn PLOT DATE: 5/13/2004 PLOT TIME: 10:30:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42



(1) TYPE 1 CURB RAMP (SPECIAL) *SEE DETAIL

(2) TYPE 2 CURB RAMP (SPECIAL) *SEE DETAIL

NOTE:
CONSTRUCT CURB & GUTTER ONLY FOR TYPE 1 CURB RAMP (SPECIAL). CONCRETE SIDEWALK AND DETECTABLE WARNING FIELD CONSTRUCTED BY OTHERS.

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC29	86'R'+53.86 C.T.H. R 4'T'+21.20 TULIP LANE	78.0' LT 54.0' RT	30.0' R	Y = 184839.3587 X = 275389.1406
CC30	87'R'+48.67 C.T.H. R 4'T'+36.21 TULIP LANE	51.0' LT 63.0' LT	25.0' R	Y = 184931.9705 X = 275367.7287
CC31	86'R'+56.08 C.T.H. R 4'T'+93.37 TULIP LANE	16.0' LT 50.0' RT	4.0' R	Y = 184860.4816 X = 275447.7472
CC32	87'R'+52.41 C.T.H. R 4'T'+93.45 TULIP LANE	16.0' LT 46.0' LT	4.0' R	Y = 184952.7010 X = 275420.9817

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC33	87'R'+88.26 C.T.H. R 4'T'+47.53 TULIP LANE	60.7' LT 79.8' LT	61.0' R	Y = 184972.2850 X = 275367.4516
CC34	90'R'+30.44 C.T.H. R 4'D'+41.28 DAFFODIL LANE	73.0' LT 41.0' RT	25.0' R	Y = 185184.6471 X = 275266.6966
CC35	91'R'+14.01 C.T.H. R 4'D'+33.82 DAFFODIL LANE	59.8' LT 41.0' LT	25.0' R	Y = 185259.4144 X = 275232.2401
CC36	90'R'+31.96 C.T.H. R 4'D'+93.54 DAFFODIL LANE	16.0' LT 44.6' RT	4.0' R	Y = 185206.1189 X = 275319.6978

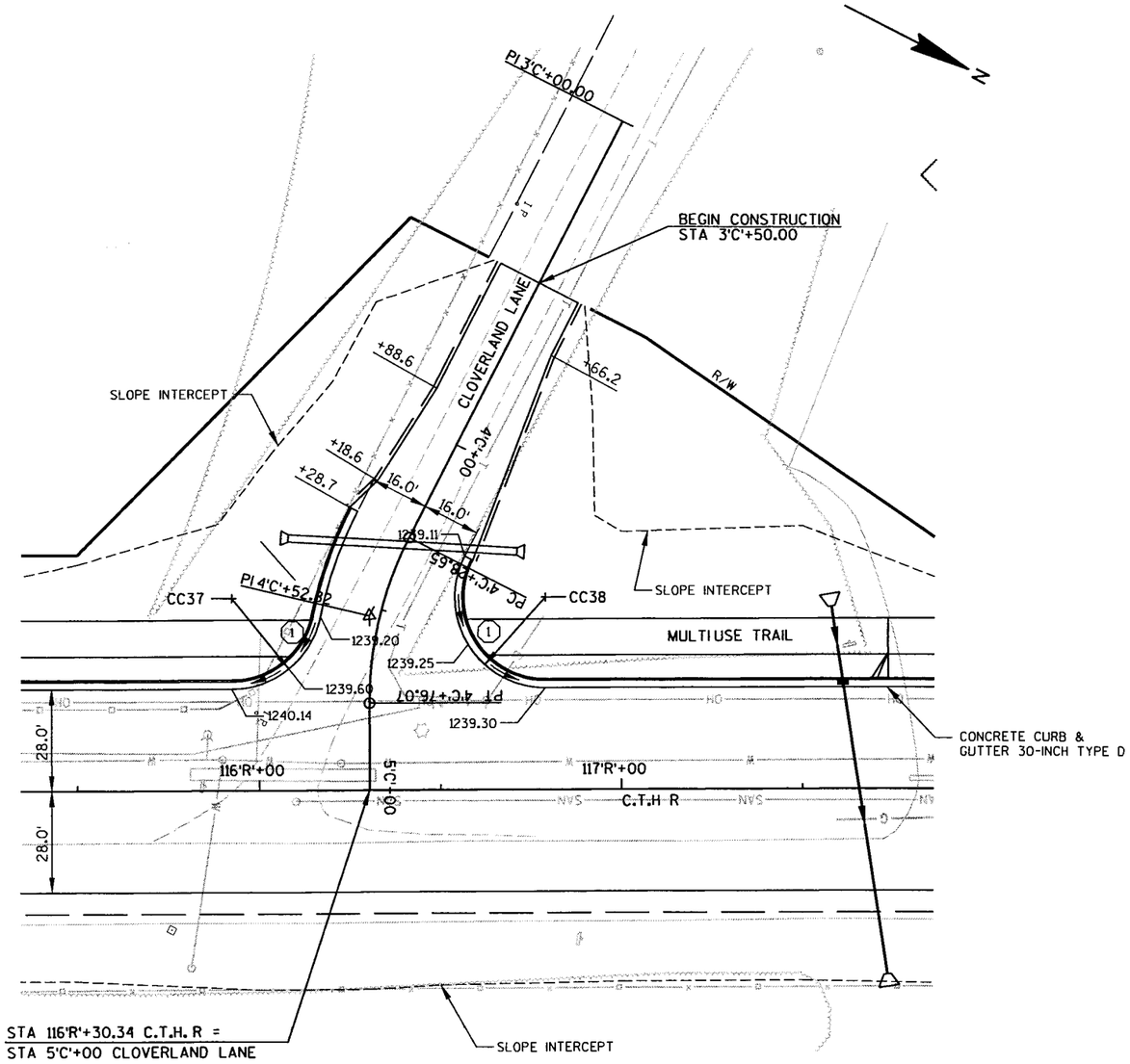
W. TULIP LANE & DAFFODIL LANE

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	INTERSECTION DETAILS	SCALE, FEET 0 20 40	SHEET NO: 22	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,63

FILE NAME : e:\trans\widot\0223.00\cad\idcthn03.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:05 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42



CLOVERLAND LANE

(1) TYPE 1 CURB RAMP (SPECIAL) *SEE DETAIL

RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC37	115'R'+92.35 C.T.H. R 4'C'+53.32 CLOVERLAND AVE	53.0' LT 41.0' RT	25.0' R	Y = 187465.4698 X = 274102.8399
CC38	116'R'+78.96 C.T.H. R 4'C'+24.43 CLOVERLAND AVE	53.0' LT 41.0' LT	25.0' R	Y = 187542.4526 X = 274063.1612

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	INTERSECTION DETAILS	SCALE, FEET 0 20 40	SHEET NO: 23	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\idcthn04.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:07 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3, 5,6,7,8, 11,12,13,14,15,16, 18,19,20,21,22,23, 26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

N

71+00
72+00
73+00
74+00
75+00
76+00
77+00
78+00
79+00
80+00
81+00
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93+00
94+00
95+00
96+00
97+00

1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204

SLOPES TO BE CONSTRUCTED WITH/PROJECT 1166-06-70

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	DETENTION POND	SCALE, FEET 0 40 80	SHEET NO: 24	E

FILE NAME : e:\trans\widot\0223.00\cad\cmcthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:11 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

REVISED

N

SLOPES TO BE CONSTRUCTED WITH PROJECT 1166-06-70

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	DETENTION POND	SCALE, FEET 0 40 80	SHEET NO: 24A	E

FILE NAME : e:\Trans\Widot\0223.00\CAD\CMCTHN01.dgn PLOT DATE: 5/13/2004 PLOT TIME: 10:31:24 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3, 5,6,7,8, 11,12,13,14,15,16, 18,19,20,21,22,23, 25,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

N

LILY LANE

JONQUIL LANE

FERN LANE

PARK ROAD

60+00

65+00

70+00

75+00

85+00

90+00

C.T.H. N

C.T.H. R

BEGIN PROJECT 6651-01-71 STA 60+00

MATCHLINE STA 75R+00

20.0

2.0

12.0

5.0

Existing CTH N

LEGEND

- SILT FENCE
- TEMPORARY DITCH CHECKS
- DRAINAGE ARROW
- EROSION MAT, CLASS I, TYPE B
- EROSION MAT, CLASS II, TYPE B
- MEDIUM RANDOM RIPRAP WITH GEOTEXTILE FABRIC, TYPE "R"

NOTE:
INLET PROTECTION SHALL BE REQ'D FOR ALL INLETS. (SEE STORM SEWER SHEETS FOR INLET LOCATIONS)

PLACE 8' WIDE CLASS I, URBAN EROSION MAT AT BACK OF CURB. SEED, MULCH, AND FERTILIZE REMAINDER TO SLOPE INTERCEPT.

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/ C.T.H. R	COUNTY: MARATHON	EROSION CONTROL	SCALE, FEET 0 50 100	SHEET NO: 25	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\wisdot\0223 00\cad\eccthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:09 AM ORC DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

N

LILY LANE

JONQUIL LANE

FERN LANE

PARK ROAD

60+00

00+185

00+158

BEGIN
PROJECT
6651-01-71
STA 60+00

C.T.H. N

C.T.H. R

MARATHON

20.0'
12.0'

12.0'
5.0'

Existing CTH N

LEGEND

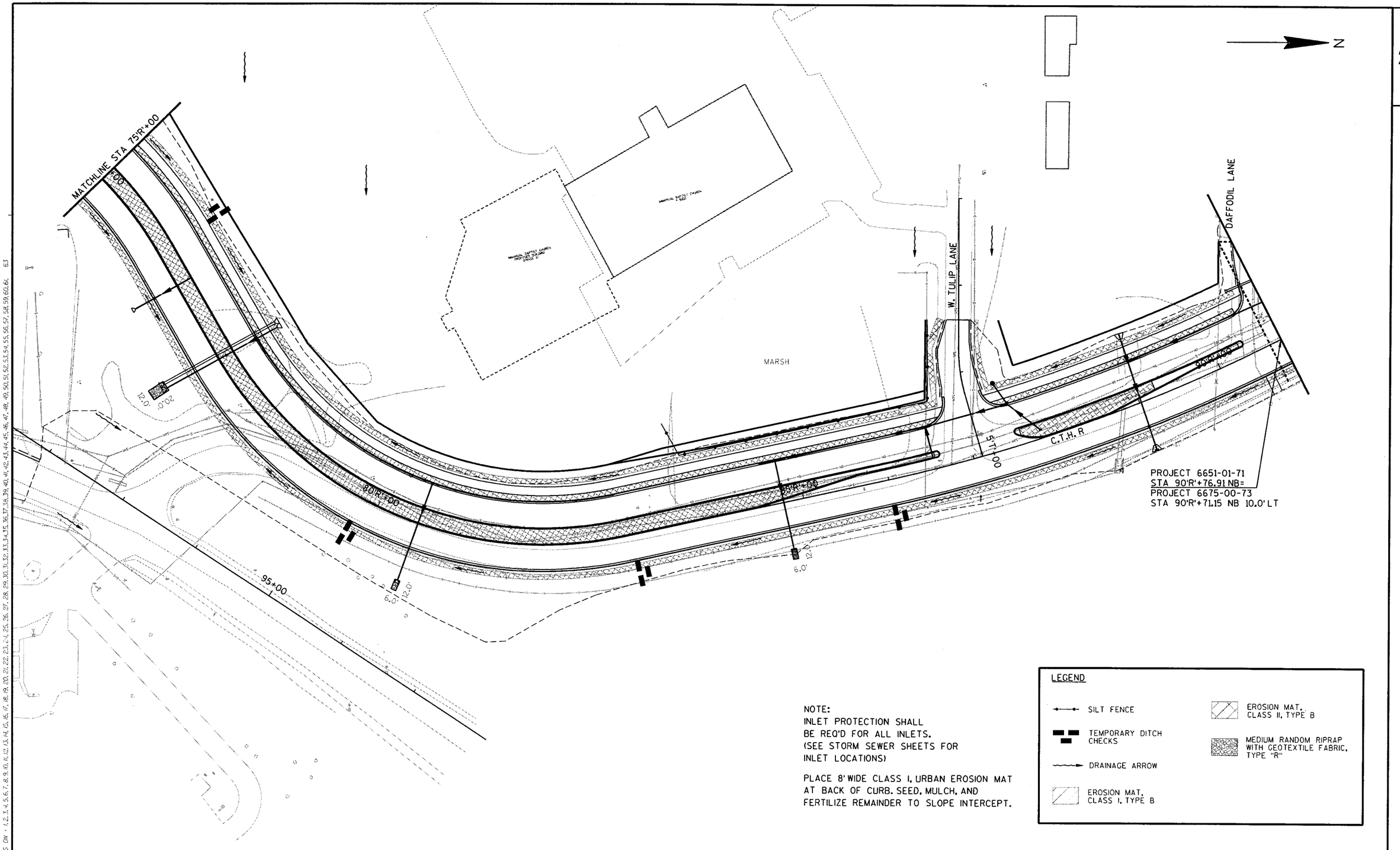
- SILT FENCE
- TEMPORARY DITCH CHECKS
- DRAINAGE ARROW
- EROSION MAT, CLASS I, TYPE B
- EROSION MAT, ~~CLASS II, TYPE B~~ URBAN CLI TYPE A
- MEDIUM RANDOM RIPRAP WITH GEOTEXTILE FABRIC, TYPE "R"

NOTE:
INLET PROTECTION SHALL
BE REQ'D FOR ALL INLETS.
(SEE STORM SEWER SHEETS FOR
INLET LOCATIONS)

PLACE 8' WIDE CLASS I, URBAN EROSION MAT
AT BACK OF CURB. SEED, MULCH, AND
FERTILIZE REMAINDER TO SLOPE INTERCEPT.

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/ C.T.H. R	COUNTY: MARATHON	EROSION CONTROL	SCALE, FEET 0 50 100	SHEET NO: 25A	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



NOTE:
INLET PROTECTION SHALL BE REQ'D FOR ALL INLETS. (SEE STORM SEWER SHEETS FOR INLET LOCATIONS)

PLACE 8' WIDE CLASS I, URBAN EROSION MAT AT BACK OF CURB. SEED, MULCH, AND FERTILIZE REMAINDER TO SLOPE INTERCEPT.

LEGEND

- SILT FENCE
- TEMPORARY DITCH CHECKS
- DRAINAGE ARROW
- EROSION MAT, CLASS I, TYPE B
- EROSION MAT, CLASS II, TYPE B
- MEDIUM RANDOM RIPRAP WITH GEOTEXTILE FABRIC, TYPE "R"

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	EROSION CONTROL	SCALE, FEET 0 50 100	SHEET NO: 26	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\eccthn02.dgn PLOT DATE: 12/18/2003 PLOT TIME: 3:06:19 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

REVISED

2

N

MATCHING STA 152R+00

STA 150R+00

MARSH

W. TULIP LANE

DAFFODIL LANE

C.T.H. R

STA 100R+00

STA 95+00

20.0'

12.0'

6.0'

PROJECT 6651-01-71
STA 90'R'+76.91 NB=
PROJECT 6675-00-73
STA 90'R'+71.15 NB 10.0'LT

NOTE:
INLET PROTECTION SHALL
BE REQ'D FOR ALL INLETS.
(SEE STORM SEWER SHEETS FOR
INLET LOCATIONS)

PLACE 8' WIDE CLASS I, URBAN EROSION MAT
AT BACK OF CURB. SEED, MULCH, AND
FERTILIZE REMAINDER TO SLOPE INTERCEPT.

LEGEND

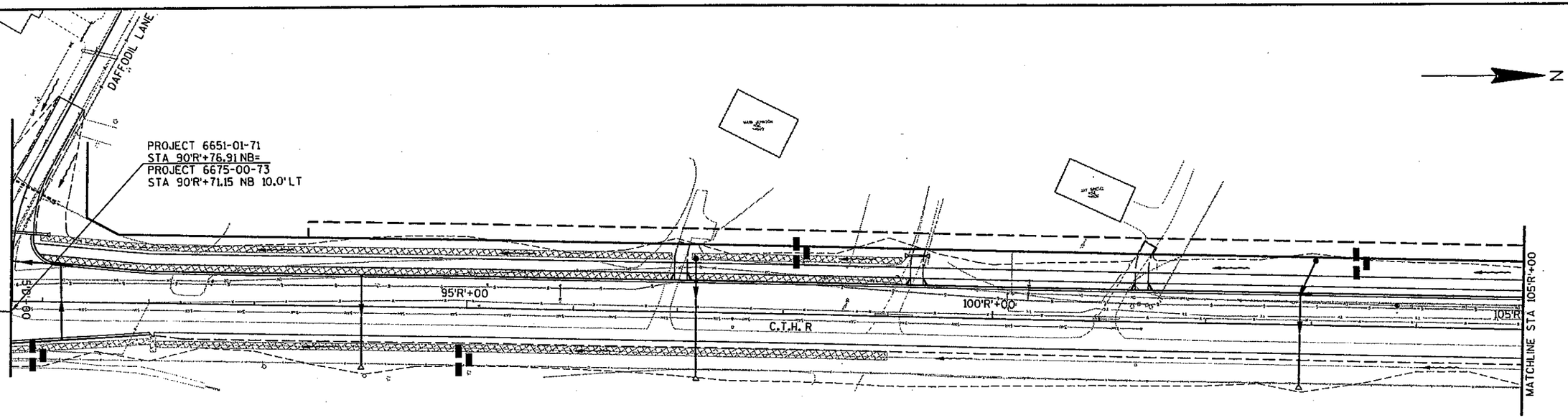
- SILT FENCE
- TEMPORARY DITCH CHECKS
- DRAINAGE ARROW
- EROSION MAT, CLASS I, TYPE B
- EROSION MAT, CLASS II, TYPE B
- MEDIUM RANDOM RIPRAP WITH GEOTEXTILE FABRIC, TYPE "R"

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	EROSION CONTROL	SCALE, FEET 0 50 100	SHEET NO: 26A	E

FILE NAME : e:\Trans\Widot\0223.00\CAD\ECCTHN02.dgn PLOT DATE: 5/13/2004 PLOT TIME: 10:51:21 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

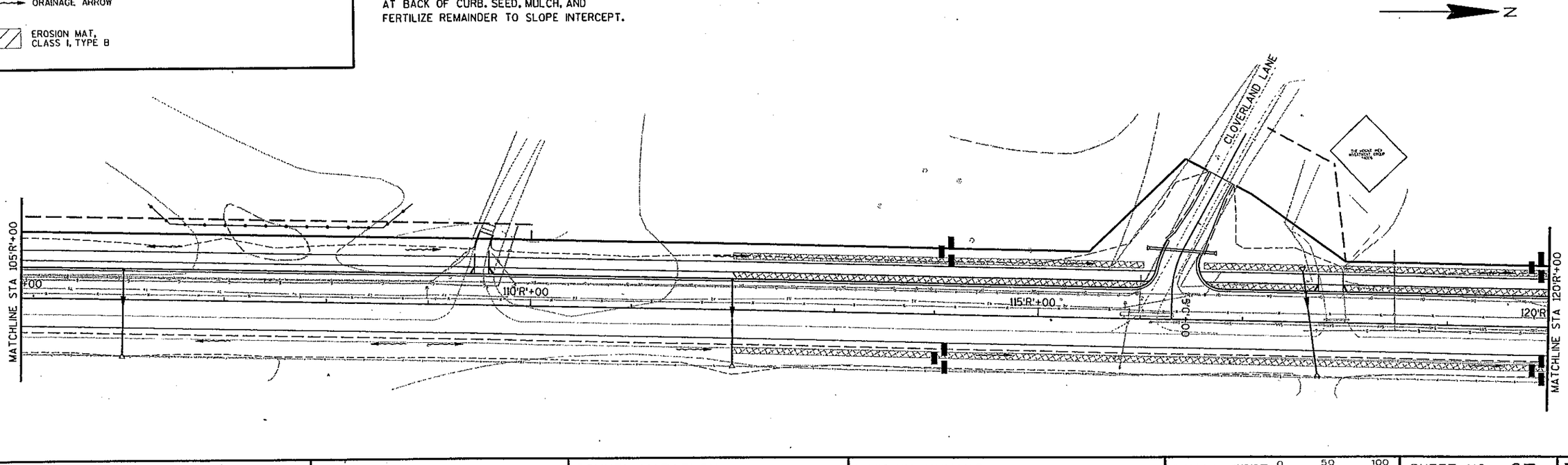


LEGEND

- SILT FENCE
- TEMPORARY DITCH CHECKS
- DRAINAGE ARROW
- EROSION MAT, CLASS I, TYPE B
- EROSION MAT, ~~CLASS I, TYPE B~~ URBAN CLI, TYPEA

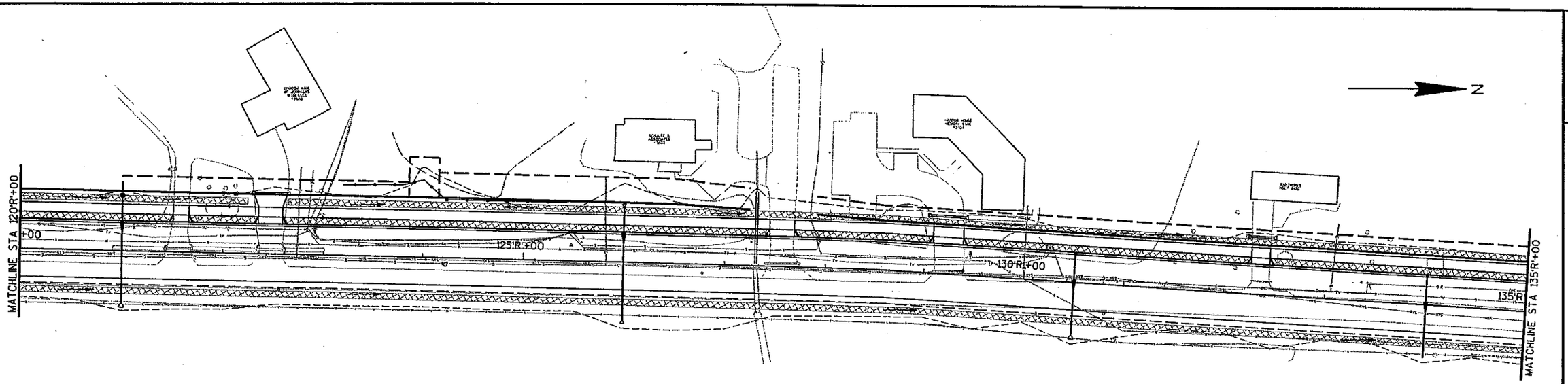
NOTE:
INLET PROTECTION SHALL BE REQ'D FOR ALL INLETS. (SEE STORM SEWER SHEETS FOR INLET LOCATIONS)

PLACE 8' WIDE CLASS I, URBAN EROSION MAT AT BACK OF CURB. SEED, MULCH, AND FERTILIZE REMAINDER TO SLOPE INTERCEPT.



STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	EROSION CONTROL	SCALE, FEET 0 50 100	SHEET NO: 27	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

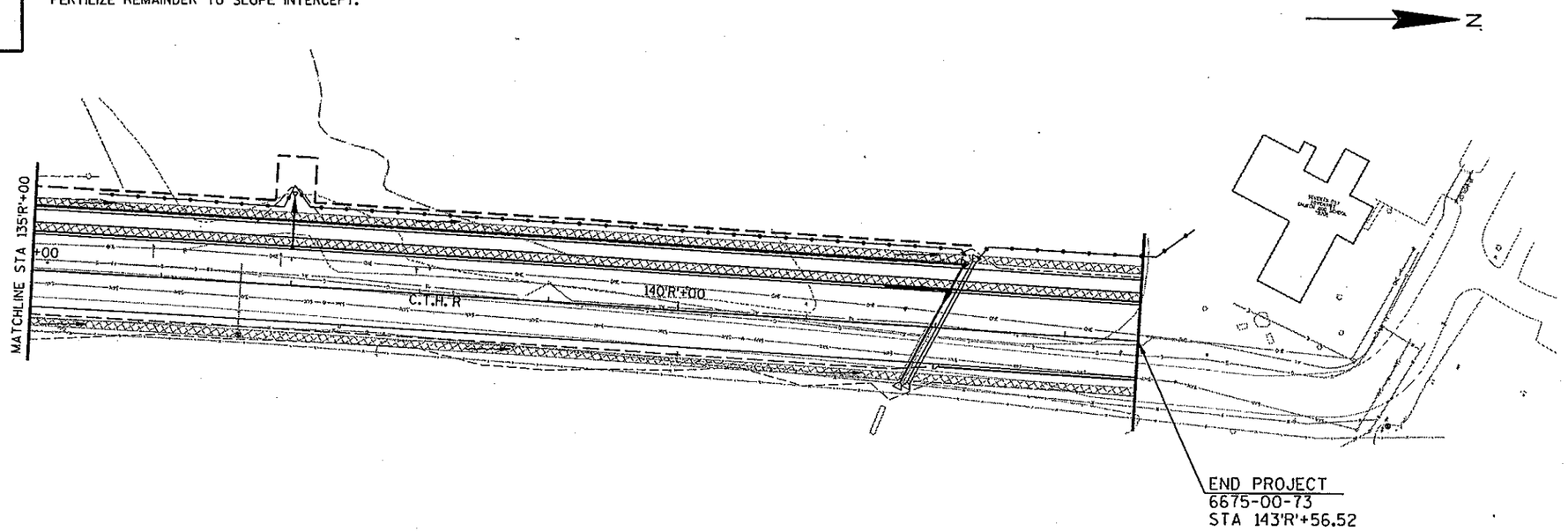


LEGEND

- SILT FENCE
- TEMPORARY DITCH CHECKS
- DRAINAGE ARROW
- EROSION MAT, CLASS I, TYPE B
- EROSION MAT, ~~CLASS II, TYPE B~~ URBAN CLI, TYPE A

NOTE:
INLET PROTECTION SHALL BE REQ'D FOR ALL INLETS. (SEE STORM SEWER SHEETS FOR INLET LOCATIONS)

PLACE 8' WIDE CLASS I, URBAN EROSION MAT AT BACK OF CURB. SEED, MULCH, AND FERTILIZE REMAINDER TO SLOPE INTERCEPT.



STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	EROSION CONTROL	SCALE, FEET 0 50 100	SHEET NO: 28	E

FILE NAME : e:\trans\widot\0223 00\cad\eccthn04 dgn
PLOT DATE: 12/18/2003
PLOT TIME: 3:06:21 PM
ORG DATE :
PLOT NAME :
Originator : Dist
PLOT SCALE : 1/A
WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

STA 4'L'+22.05, 29.2' RT
INL 8-M-S (A1)

STA 4'L'+28.42, 31.8' LT
INL 8-M-S (A2)

STA 62+50.00, 78.0' LT
INL 8-M-S (A3)

STA 64+20.00, 49.5' LT
MH 1-H-S (4)

STA 4'J'+19.87, 33.5' LT
INL 8-M-S (A4)

STA 64+91.57, 54.6' LT
INL 3-H-S (4A)

LILY LANE
00+.14

MULTIUSE TRAIL

P-1 P-2 P-3 P-4 P-5 P-6 P-7 P-8 P-9 P-10 P-11 P-12 P-13 P-14 P-15 P-17 P-18 P-81 P-82 P-83

STA 60+37.00, 49.5' LT
SPECIAL MH H-S (1A)

STA 61+25.00, 49.5' LT
SPECIAL MH H-S (2A)

STA 62+50.00, 53.3' LT
SPECIAL MH - J (MH1)

STA 64+08.00, 49.5' LT
SPECIAL MH H-S (3A)

STA 65+40.00, 10.0' LT
INL 8-M-S (5B)

CAUTION

60+00 61+00 62+00 63+00 64+00 65+00

5'L'+00 5'J'+00

C.T.H N

STA 60+37.00, 29.5' RT
INL 3-H-S (1B)

STA 61+54.00, 10.0' LT
INL 8-M-S (2B)

STA 64+08.00, 10.0' LT
INL 8-M-S (3B)

STA 5'L'+41.04, 31.8' RT
INL 8-M-S (B1)

STA 61+36.00, 29.5' RT
INL 3-H-S (2C)

STA 64+08.00, 29.5' RT
INL 3-H-S (3C)

STA 5'L'+46.82, 39.1' LT
INL 8-M-S (B2)

STA 64+20.00, 29.5' RT
INL 3-H-S (3D)

STA 5'J'+40.84, 31.7' RT
INL 8-M-S (B3)

STA 5'J'+63.68, 21.6' LT
SPECIAL MH - H-S (5A)

NOTE: CUT OFF EXISTING PIPE AND CONNECT TO NEW STORM SEWER.

COORDINATE CONNECTION WITH PROJECT 6651-01-01

TEMPORARY OUTFALL DRAINAGE TO BE PROVIDED BY PROJECT 6651-01-01 IF NEEDED.

LABEL: INL - 1A
RIM: 1,191.75 FT
SUMP: 1,186.83 FT

LABEL: P - 1
UP. INVERT: 1,186.83 FT
DN. INVERT: 1,186.78 FT
L: 38.0 FT
SIZE: 24 INCH
S: 0.120 %

LABEL: P - 4
UP. INVERT: 1,186.94 FT
DN. INVERT: 1,186.83 FT
L: 88.0 FT
SIZE: 24 INCH
S: 0.125 %

LABEL: INL - 2A
RIM: 1,192.21 FT
SUMP: 1,186.94 FT

LABEL: P - 8
UP. INVERT: 1,187.09 FT
DN. INVERT: 1,186.94 FT
L: 124.0 FT
SIZE: 24 INCH
S: 0.121 %

LABEL: MH - 1
RIM: 1,193.40 FT
SUMP: 1,187.09 FT

LABEL: P - 10
UP. INVERT: 1,187.28 FT
DN. INVERT: 1,187.09 FT
L: 157.0 FT
SIZE: 24 INCH
S: 0.121 %

LABEL: INL - 3A
RIM: 1,192.20 FT
SUMP: 1,187.28 FT

LABEL: INL - 4
RIM: 1,192.22 FT
SUMP: 1,187.88 FT

LABEL: P - 15
UP. INVERT: 1,188.18 FT
DN. INVERT: 1,187.88 FT
L: 72.0 FT
SIZE: 18 INCH
S: 0.417 %

LABEL: INL - 4A
RIM: 1,191.86 FT
SUMP: 1,188.18 FT

LABEL: P - 11
UP. INVERT: 1,187.88 FT
DN. INVERT: 1,187.78 FT
L: 13.0 FT
SIZE: 18 INCH
S: 0.769 %

1196 1194 1192 1190 1188 1186 1184 1182

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 29	E

FILE NAME : e:\trans\widot\0223.00\cad\ssctnh01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:24 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STA 4'L'+22.05, 29.2' RT
INL 8-M-S
A1

STA 4'L'+28.42, 31.8' LT
INL 8-M-S
A2

STA 62+50.00, 78.0' LT
INL 8-M-S
A3

STA 64+20.00, 49.5' LT
MH 1-H-S
4

STA 4'J'+19.87, 33.5' LT
INL 8-M-S
A4

STA 64+91.57, 54.6' LT
INL 3-H-S
4A

LILY LANE
00+.14

MULTIUSE TRAIL

P-1 P-2 P-3 P-4 P-5 P-6 P-7 P-8 P-9 P-10 P-11 P-12 P-13 P-14 P-15 P-17 P-18 P-B1 P-B2 P-B3

CAUTION

STA 60+37.00, 49.5' LT
SPECIAL MH H-S
1A

STA 61+25.00, 49.5' LT
SPECIAL MH H-S
2A

STA 62+50.00, 53.3' LT
SPECIAL MH - J
MH1

STA 64+08.00, 49.5' LT
SPECIAL MH H-S
3A

STA 65+40.00, 10.0' LT
INL 8-M-S
5B

60+00 61+00 62+00 63+00 64+00 65+00

51+00 52+00 53+00 54+00 55+00

C.T.H N

STA 60+37.00, 29.5' RT
INL 3-H-S
1B

STA 61+36.00, 29.5' RT
INL 3-H-S
2C

STA 64+08.00, 10.0' LT
INL 8-M-S
3B

STA 64+08.00, 29.5' RT
INL 3-H-S
3C

STA 5'L'+41.04, 31.8' RT
INL 8-M-S
B1

STA 5'L'+46.82, 39.1' LT
INL 8-M-S
B2

STA 64+20.00, 29.5' RT
INL 3-H-S
3D

STA 5'J'+40.84, 31.7' RT
INL 8-M-S
B3

STA 5'J'+63.68, 21.6' LT
SPECIAL MH - M-S
5A

NOTE: CUT OFF EXISTING PIPE AND CONNECT TO NEW STORM SEWER.

COORDINATE CONNECTION WITH PROJECT 6651-01-01
TEMPORARY OUTFALL DRAINAGE TO BE PROVIDED BY PROJECT 6651-01-01 IF NEEDED.

LABEL: MH - 1A
RIM: 1,191.65 FT
SUMP: 1,186.58 FT

LABEL: P - 1
UP. INVERT: 1,186.63 FT
DN. INVERT: 1,186.78 FT
L: 38.0 FT
SIZE: 24 INCH
S: 0.120 %

LABEL: P - 4
UP. INVERT: 1,186.94 FT
DN. INVERT: 1,186.83 FT
L: 88.0 FT
SIZE: 24 INCH
S: 0.125 %

LABEL: MH - 2A
RIM: 1,192.11 FT
SUMP: 1,186.69 FT

LABEL: P - 6
UP. INVERT: 1,187.09 FT
DN. INVERT: 1,186.94 FT
L: 124.0 FT
SIZE: 24 INCH
S: 0.121 %

LABEL: MH - 1
RIM: 1,193.40 FT
SUMP: 1,186.84 FT

LABEL: P - 10
UP. INVERT: 1,187.28 FT
DN. INVERT: 1,187.09 FT
L: 57.0 FT
SIZE: 24 INCH
S: 0.121 %

LABEL: MH - 3A
RIM: 1,192.13 FT
SUMP: 1,187.03 FT

LABEL: MH - 4
RIM: 1,192.14 FT
SUMP: 1,187.67 FT

LABEL: P - 15
UP. INVERT: 1,188.18 FT
DN. INVERT: 1,187.88 FT
L: 72.0 FT
SIZE: 18 INCH
S: 0.417 %

LABEL: P - 11
UP. INVERT: 1,187.88 FT
DN. INVERT: 1,187.78 FT
L: 13.0 FT
SIZE: 18 INCH
S: 0.769 %

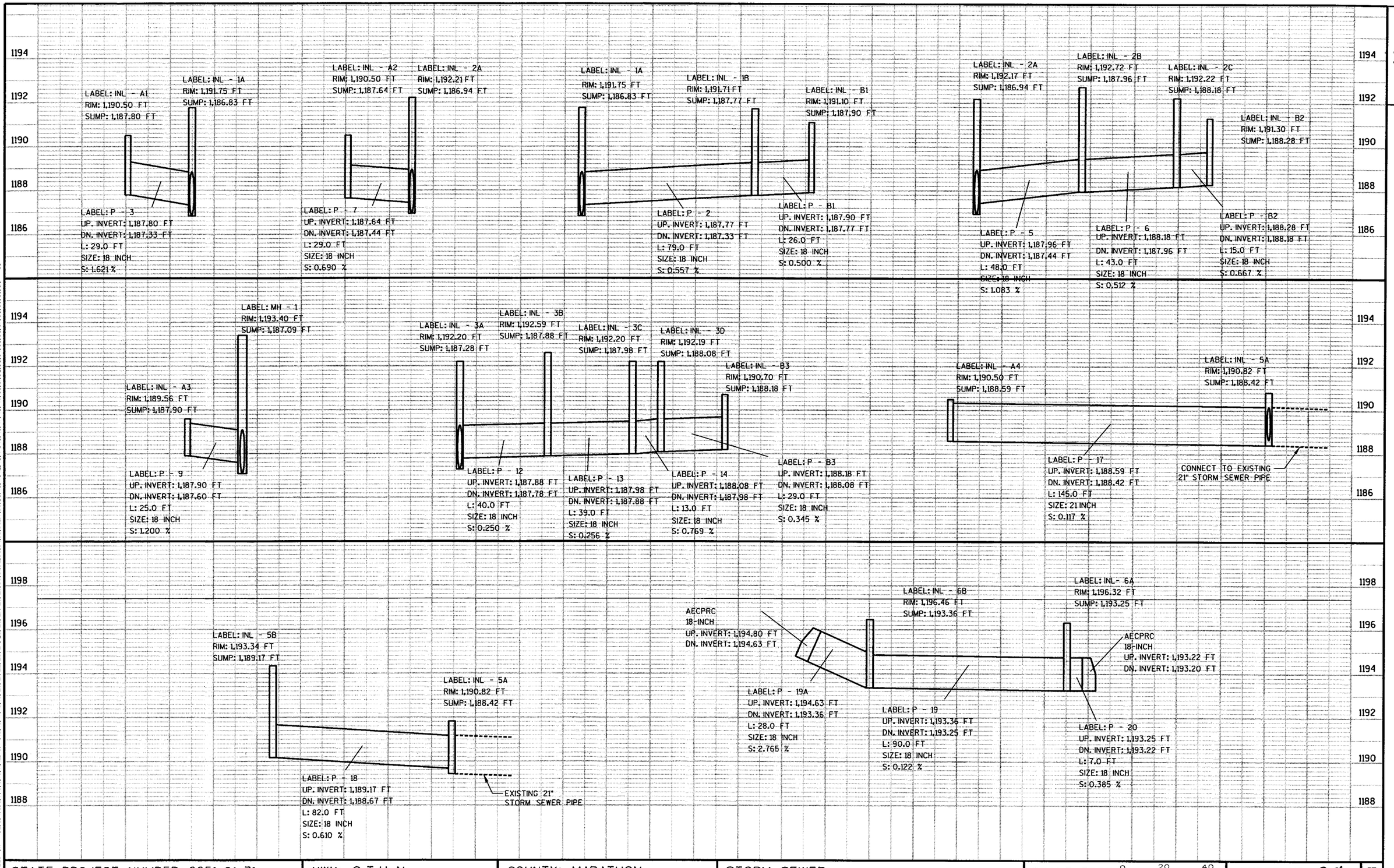
LABEL: INL - 4A
RIM: 1,191.55 FT
SUMP: 1,187.97 FT

1196 1194 1192 1190 1188 1186 1184 1182

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 29	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\Trans\Widot\0223.00\CAD\SSCTHN01.dgn PLOT DATE: 5/10/2004 PLOT TIME: 11:06:50 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A
WISDOT/CADOS SHEET 40

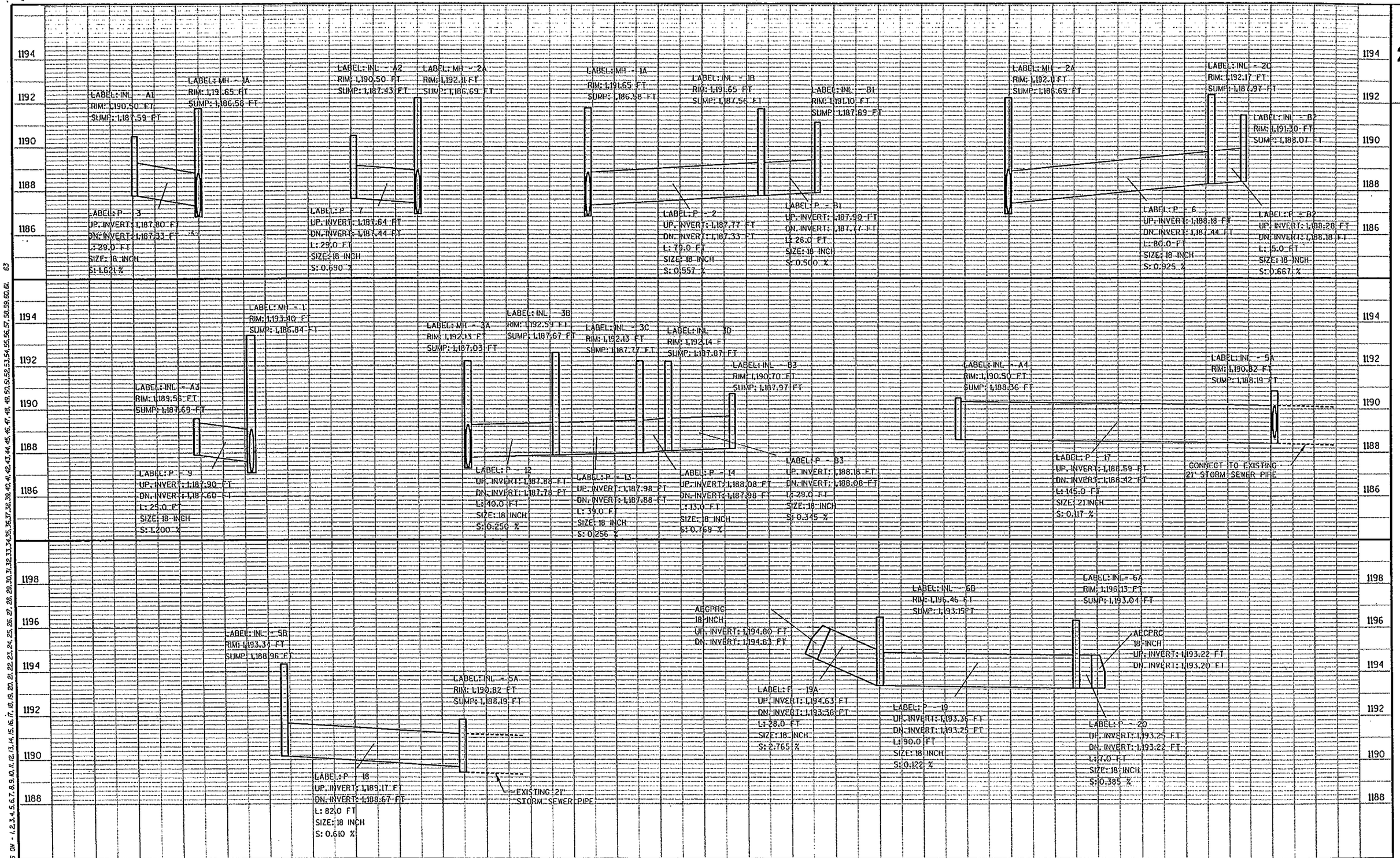


STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 3Ø	E

FILE NAME : e:\trans\widot\0223.00\cad\ssctnh01a.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:25 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 46

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 30A	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\Trans\Widot\0223.00\CAD\SSCTHND1a.dgn PLOT DATE: 5/10/2004 PLOT TIME: 11:22:10 AM ORG DATE : PLOT NAME : . Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 46

PE 15" CMCP
20' LENGTH

STA 85'P'+58.00, 56.0' RT
INL 8-M-S
A5

STA 70+93.94, 75.9' LT
INL 3-H
7A

STA 68+18.44, 49.5' LT
INL 3-H-S
6B

FERN LANE

MULTIUSE TRAIL

P-19A

P-19

P-21

P-22

STA 70+50.00, 19.0' LT
INL 3-Z
NOTE: MAY NEED TO BE CIRCULAR DUE TO PIPE SIZE.
7B

PARK ROAD

86+00

68+00

69+00

C.T.H N

70+00

71+00

72+00

CTH R

73+00

74+00

P-28

P-27

N

STA 87+30.21, 41.2' LT
INL 3-Z
NOTE: MAY NEED TO BE CIRCULAR DUE TO PIPE SIZE.
7F

STA 70+50.00, 41.5' RT
INL 3-H
7C

P-23

STA 87+17.76, 1.0' RT
INL 3-Z
NOTE: MAY NEED TO BE CIRCULAR DUE TO PIPE SIZE.
7E

87+00

P-24

P-20

STA 68+25.71, 41.5' RT
INL 3-H
6A

P-25A

P-26

P-29

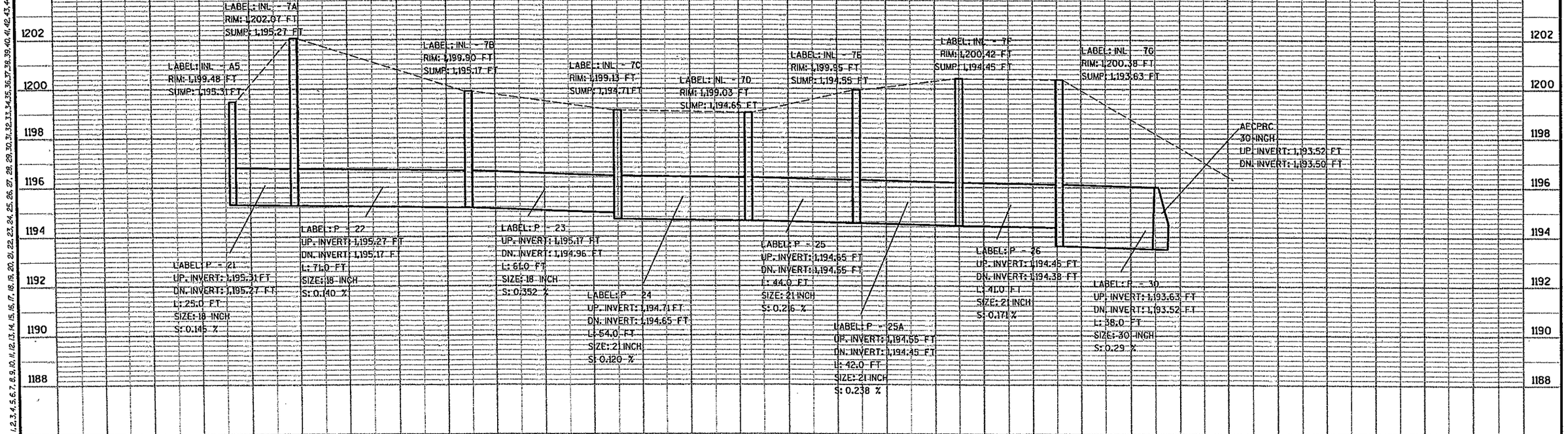
P-30

STA 72'R'+25.91, 70.6' RT
MH 3-H
7G

STA 70+97.86, 65.0' RT
INL 3-H
7D

20+00

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 31	E

REVISED

2

STA 85'P'+58.00, 56.0'RT
INL 8-M-S
(A5)

STA 70+93.94, 75.9'LT
INL 3-H
(7A)

STA 68+18.44, 49.5'LT
INL 3-H
(6B)

FERN LANE

MULTIUSE TRAIL

P-19A

P-19

P-20

P-21

P-22

P-23

P-24

P-25A

P-26

P-27

P-28

P-29

P-30

STA 70+50.00, 19.0'LT
INL 3-Z
NOTE: MAY NEED
TO BE CIRCULAR
DUE TO PIPE SIZE.
(7B)

STA 70+50.00, 41.5'RT
INL 3-H
(7C)

STA 87+17.76, 1.0'RT
INL 3-Z
NOTE: MAY NEED
TO BE CIRCULAR
DUE TO PIPE SIZE.
(7E)

STA 87+30.21, 41.2'LT
INL 3-Z
NOTE: MAY NEED
TO BE CIRCULAR
DUE TO PIPE SIZE.
(7F)

STA 68+25.71, 41.5'RT
INL 3-H
(6A)

STA 70+97.86, 65.0'RT
INL 3-H
(7D)

STA 72'R'+25.91, 70.6'RT
MH 3-H
(7G)

PARK ROAD

CTH N

CTH R

C.T.H N

68+00 69+00 70+00 71+00 72'R'+00 73'R'+00 74'R'+

86+00 87+00 88+00 89+00

201+00

N

LABEL: INL - 7A
RIM: 1,202.33 FT
SUMP: 1,195.06 FT

LABEL: INL - A5
RIM: 1,199.48 FT
SUMP: 1,195.11 FT

LABEL: INL - 7B
RIM: 1,199.83 FT
SUMP: 1,194.96 FT

LABEL: INL - 7C
RIM: 1,199.03 FT
SUMP: 1,194.50 FT

LABEL: INL - 7D
RIM: 1,198.85 FT
SUMP: 1,194.42 FT

LABEL: INL - 7E
RIM: 1,199.75 FT
SUMP: 1,194.32 FT

LABEL: INL - 7F
RIM: 1,200.25 FT
SUMP: 1,194.22 FT

LABEL: MH - 7G
RIM: 1,200.17 FT
SUMP: 1,193.34 FT

AECPRC
30 INCH
UP. INVERT: 1,193.52 FT
DN. INVERT: 1,193.50 FT

LABEL: P - 21
UP. INVERT: 1,195.31 FT
DN. INVERT: 1,195.27 FT
L: 25.0 FT
SIZE: 18 INCH
S: 0.145 %

LABEL: P - 22
UP. INVERT: 1,195.27 FT
DN. INVERT: 1,195.17 FT
L: 71.0 FT
SIZE: 18 INCH
S: 0.140 %

LABEL: P - 23
UP. INVERT: 1,195.17 FT
DN. INVERT: 1,194.96 FT
L: 61.0 FT
SIZE: 18 INCH
S: 0.352 %

LABEL: P - 24
UP. INVERT: 1,194.71 FT
DN. INVERT: 1,194.65 FT
L: 54.0 FT
SIZE: 21 INCH
S: 0.120 %

LABEL: P - 25
UP. INVERT: 1,194.65 FT
DN. INVERT: 1,194.55 FT
L: 44.0 FT
SIZE: 21 INCH
S: 0.216 %

LABEL: P - 25A
UP. INVERT: 1,194.55 FT
DN. INVERT: 1,194.45 FT
L: 42.0 FT
SIZE: 21 INCH
S: 0.238 %

LABEL: P - 26
UP. INVERT: 1,194.45 FT
DN. INVERT: 1,194.38 FT
L: 41.0 FT
SIZE: 21 INCH
S: 0.171 %

LABEL: P - 30
UP. INVERT: 1,193.63 FT
DN. INVERT: 1,193.52 FT
L: 38.0 FT
SIZE: 30 INCH
S: 0.29 %

1202 1200 1198 1196 1194 1192 1190 1188

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 31A	E

FILE NAME : e:\trans\widot\0223.00\cad\ssccthn02.dgn PLOT DATE: 4/8/2004 PLOT TIME: 9:06:26 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

N

STA 71'R'+85.21, 55.9' LT
INL 8-M-S
8B

STA 85'P'+74.25, 47.4' LT
INL 8-M-S
A6

STA 71'R'+60.21, 77.8' LT
INL 3-H
8A

STA 72'R'+00.00, 7.3' LT
MH 3-Z
8C

STA 72'R'+25.91, 70.6' RT
MH 3-H
7G

STA 89+51.22, 37.5' LT
INL 3-H
9A

STA 89+36.22, 37.5' LT
INL 3-H
9B

STA 89+51.22, 0.0'
INL 3-Z
9C

STA 89+36.22, 0.0'
INL 3-Z
9D

P-27
P-28
P-28A
P-29
P-30
P-31
P-32
P-33
P-34

CTH R
CTH N
PARK ROAD
85'P'+00
86'P'+00
87+00
88+00
89+00
90+00
72'R'+00
73'R'+00
OHE
SAN
T
I P

LABEL: INL - 8A
RIM: 1,202.21 FT
SUMP: 1,197.50 FT

LABEL: INL - A6
RIM: 1,201.30 FT
SUMP: 1,196.13 FT

LABEL: INL - 8B
RIM: 1,201.19 FT
SUMP: 1,196.08 FT

LABEL: INL - 8C
RIM: 1,202.11 FT
SUMP: 1,195.50 FT

LABEL: INL - 7G
RIM: 1,200.38 FT
SUMP: 1,193.63 FT

LABEL: INL - 9B
RIM: 1,196.73 FT
SUMP: 1,193.37 FT

LABEL: INL - 9A
RIM: 1,196.63 FT
SUMP: 1,193.03 FT

LABEL: INL - 9C
RIM: 1,197.43 FT
SUMP: 1,193.12 FT

LABEL: INL - 9D
RIM: 1,197.45 FT
SUMP: 1,193.45 FT

LABEL: P - 27
UP. INVERT: 1,197.50 FT
DN. INVERT: 1,197.13 FT
L: 18.0 FT
SIZE: 18 INCH
S: 2.056 %

LABEL: P - 28
UP. INVERT: 1,196.13 FT
DN. INVERT: 1,196.08 FT
L: 28.0 FT
SIZE: 30 INCH
S: 0.179 %

LABEL: P - 28A
UP. INVERT: 1,196.08 FT
DN. INVERT: 1,195.50 FT
L: 49.0 FT
SIZE: 30 INCH
S: 1.184 %

LABEL: P - 29
UP. INVERT: 1,195.50 FT
DN. INVERT: 1,193.63 FT
L: 82.0 FT
SIZE: 30 INCH
S: 2.280 %

LABEL: P - 30
UP. INVERT: 1,193.63 FT
DN. INVERT: 1,193.51 FT
L: 93.0 FT
SIZE: 30 INCH
S: 0.131 %

AECPRC
30-INCH
UP. INVERT: 1,193.51 FT
DN. INVERT: 1,193.50 FT

LABEL: P - 34
UP. INVERT: 1,193.37 FT
DN. INVERT: 1,193.33 FT
L: 17.0 FT
SIZE: 18 INCH
S: 0.235 %

AECPRC
24-INCH
UP. INVERT: 1,193.01 FT
DN. INVERT: 1,193.00 FT

LABEL: P - 31
UP. INVERT: 1,193.03 FT
DN. INVERT: 1,193.01 FT
L: 23.0 FT
SIZE: 24 INCH
S: 0.130 %

LABEL: P - 32
UP. INVERT: 1,193.12 FT
DN. INVERT: 1,193.03 FT
L: 47.0 FT
SIZE: 24 INCH
S: 0.191 %

LABEL: P - 33
UP. INVERT: 1,193.45 FT
DN. INVERT: 1,193.42 FT
L: 16.0 FT
SIZE: 18 INCH
S: 0.187 %

1202
1200
1198
1196
1194
1192
1190

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 32	E

FILE NAME : e:\trans\widot\0223.00\cad\ssdthn03.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:30 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

REVISED

N

STA 71'R'+85.21, 55.9'LT
INL 3-H-S
8B

STA 85'P'+74.25, 47.4'LT
INL 8-M-S
A6

STA 71'R'+60.21, 77.8'LT
INL 3-H
8A

STA 72'R'+00.00, 7.3'LT
MH 3-Z
8C

STA 72'R'+25.91, 70.6'RT
MH 3-H
7G

STA 89+51.22, 37.5'LT
INL 3-H
9A

STA 89+36.22, 37.5'LT
INL 3-H
9B

STA 89+51.22, 0.0'
INL 3-Z
9C

STA 89+36.22, 0.0'
INL 3-Z
9D

P-27
P-28
P-28A
P-29
P-30
P-31
P-32
P-33
P-34

CTH R
CTH N
PARK ROAD
85'P'+00
86'P'+00
87+00
88+00
89+00
90+00
72'R'+00
75'R'+00

LABEL: INL - 8A
RIM: 1,202.37 FT
SUMP: 1,197.29 FT

LABEL: INL - A6
RIM: 1,201.30 FT
SUMP: 1,195.84 FT

LABEL: INL - 8B
RIM: 1,202.05 FT
SUMP: 1,195.79 FT

LABEL: MH - 8C
RIM: 1,201.91 FT
SUMP: 1,195.21 FT

LABEL: MH - 7G
RIM: 1,200.17 FT
SUMP: 1,193.34 FT

LABEL: INL - 9B
RIM: 1,196.43 FT
SUMP: 1,193.16 FT

LABEL: INL - 9A
RIM: 1,196.63 FT
SUMP: 1,192.82 FT

LABEL: INL - 9A
RIM: 1,196.63 FT
SUMP: 1,192.78 FT

LABEL: INL - 9C
RIM: 1,197.17 FT
SUMP: 1,192.87 FT

LABEL: INL - 9D
RIM: 1,197.19 FT
SUMP: 1,193.24 FT

LABEL: P - 27
UP. INVERT: 1,197.50 FT
DN. INVERT: 1,197.13 FT
L: 18.0 FT
SIZE: 18 INCH
S: 2.056 %

LABEL: P - 28
UP. INVERT: 1,196.13 FT
DN. INVERT: 1,196.08 FT
L: 28.0 FT
SIZE: 30 INCH
S: 0.179 %

LABEL: P - 28A
UP. INVERT: 1,196.08 FT
DN. INVERT: 1,195.50 FT
L: 49.0 FT
SIZE: 30 INCH
S: 1.184 %

LABEL: P - 29
UP. INVERT: 1,195.50 FT
DN. INVERT: 1,193.63 FT
L: 82.0 FT
SIZE: 30 INCH
S: 2.280 %

LABEL: P - 30
UP. INVERT: 1,193.63 FT
DN. INVERT: 1,193.51 FT
L: 93.0 FT
SIZE: 30 INCH
S: 0.131 %

AECPRC
30-INCH
UP. INVERT: 1,193.51 FT
DN. INVERT: 1,193.50 FT

LABEL: P - 34
UP. INVERT: 1,193.37 FT
DN. INVERT: 1,193.33 FT
L: 17.0 FT
SIZE: 18 INCH
S: 0.235 %

AECPRC
24-INCH
UP. INVERT: 1,193.01 FT
DN. INVERT: 1,193.00 FT

LABEL: P - 31
UP. INVERT: 1,193.03 FT
DN. INVERT: 1,193.01 FT
L: 23.0 FT
SIZE: 24 INCH
S: 0.130 %

LABEL: P - 32
UP. INVERT: 1,193.12 FT
DN. INVERT: 1,193.03 FT
L: 47.0 FT
SIZE: 24 INCH
S: 0.191 %

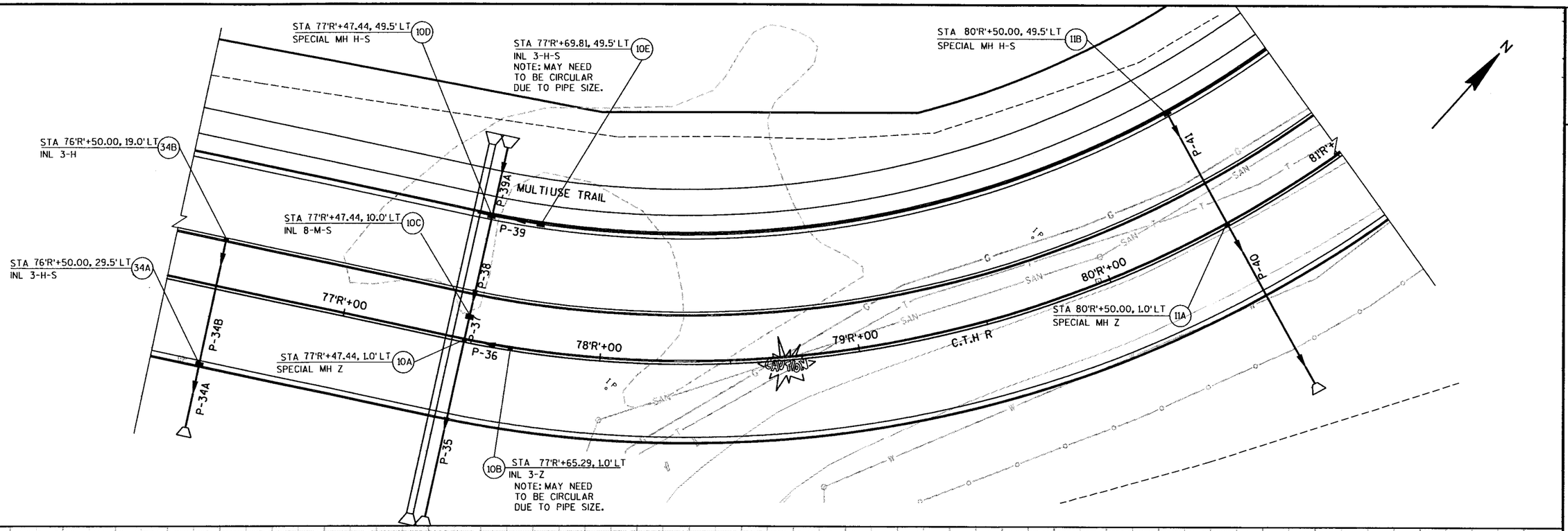
LABEL: P - 33
UP. INVERT: 1,193.45 FT
DN. INVERT: 1,193.42 FT
L: 16.0 FT
SIZE: 18 INCH
S: 0.187 %

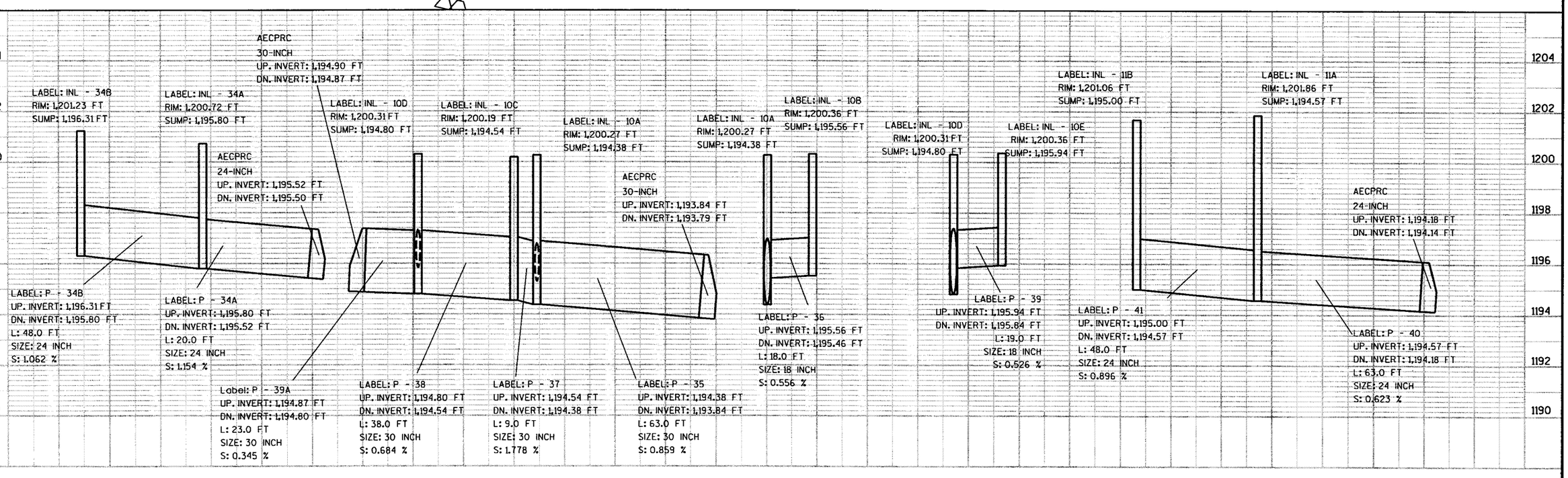
1202 1200 1198 1196 1194 1192 1190

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 32A	E

FILE NAME : e:\trans\widot\0223.00\cad\ssclthn03.dgn PLOT DATE: 4/8/2004 PLOT TIME: 9:06:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A





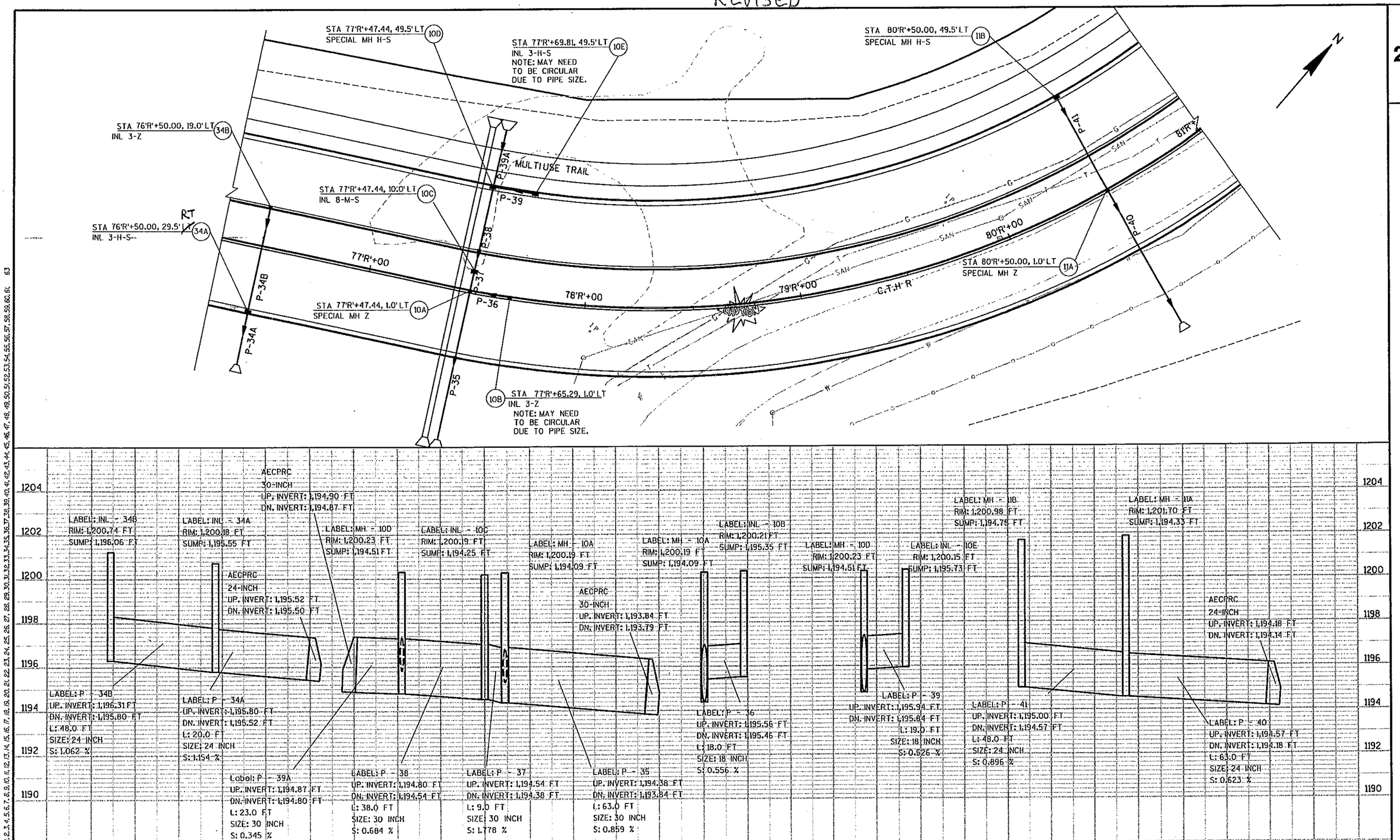
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 33	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ssctthn04.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:32 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

REVISED

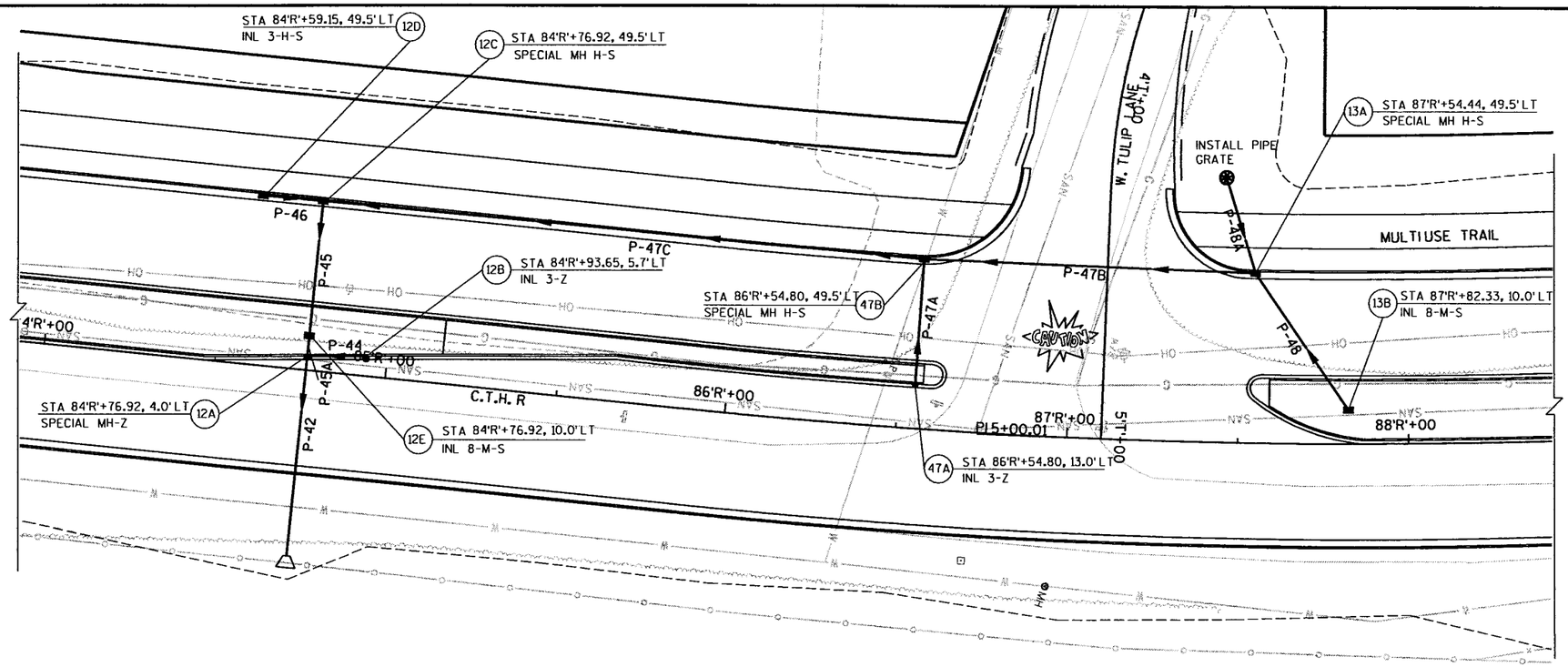


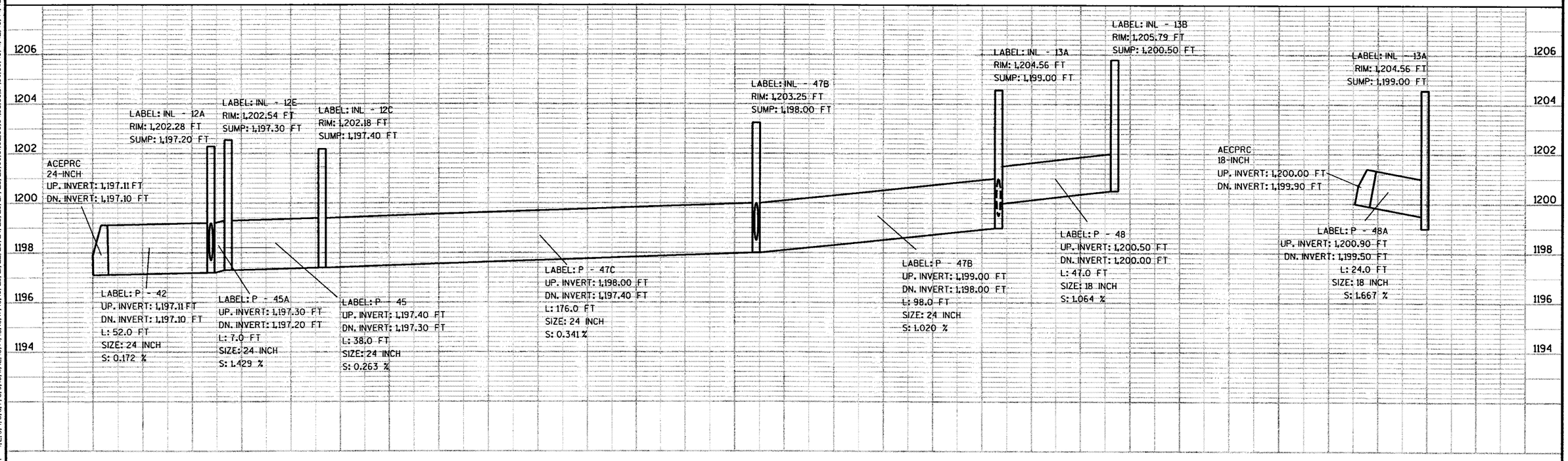
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 33A	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ssctln04.dgn PLOT DATE: 4/8/2004 PLOT TIME: 9:06:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40





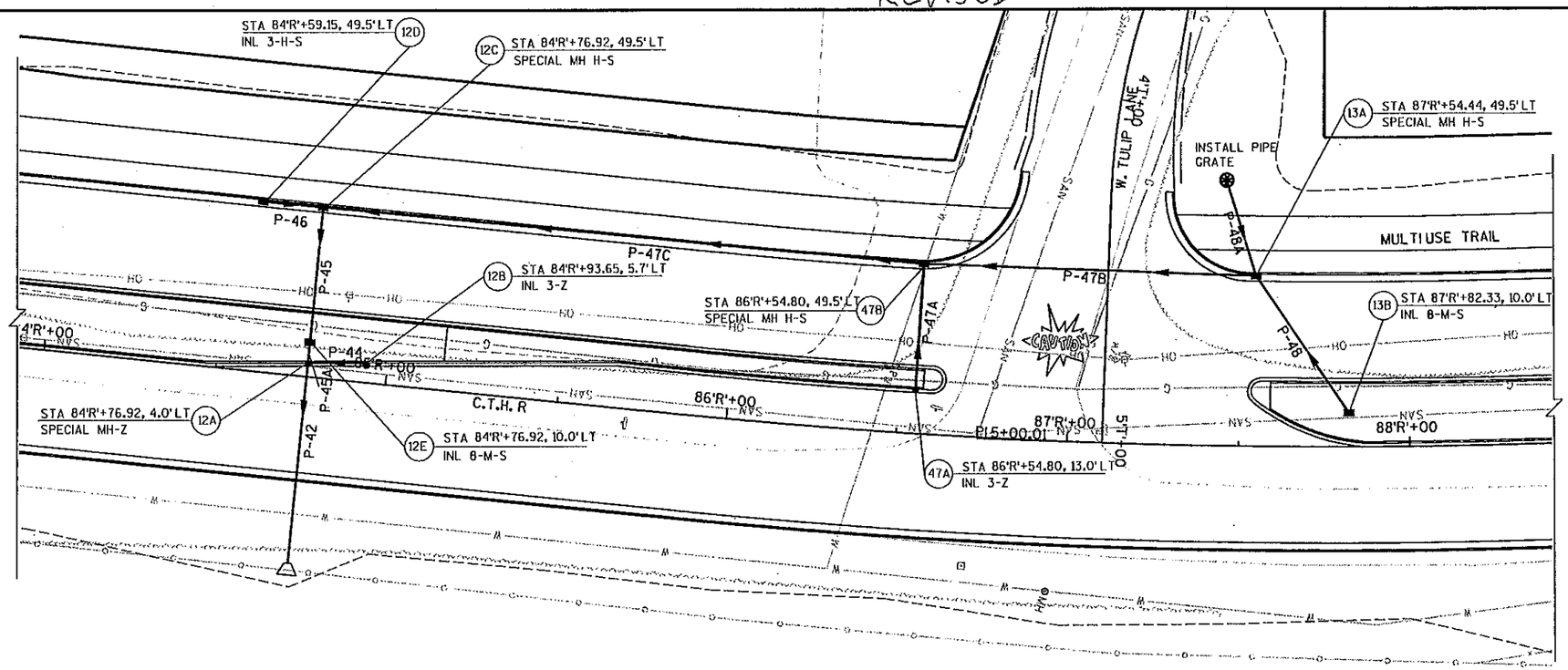
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 34	E

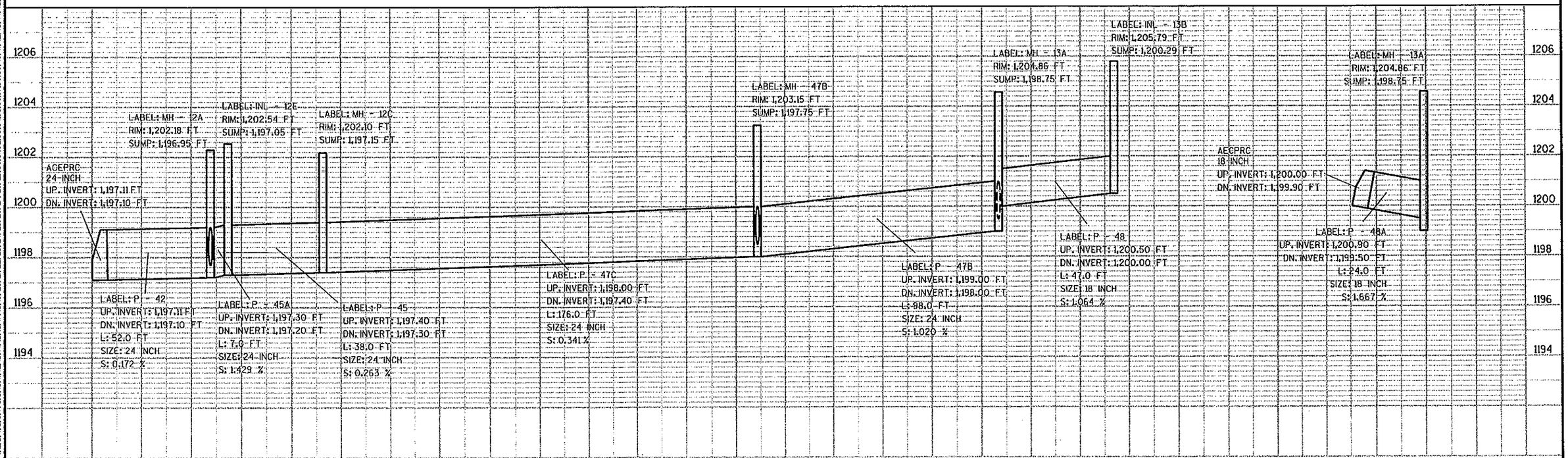
FILE NAME : e:\trans\widot\0223.00\cad\ssctm05.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:33 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

REVISED





STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 344 E

FILE NAME : e:\trans\widot\0223.00\cad\ssthn05.dgn PLOT DATE: 4/8/2004 PLOT TIME: 9:05:31 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

1204
1202
1200
1198
1196
1194

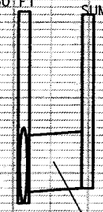
LABEL: INL - 12D
RIM: 1,202.10 FT
SUMP: 1,197.90 FT

LABEL: INL - 12C
RIM: 1,202.18 FT
SUMP: 1,197.40 FT

LABEL: P - 46
UP. INVERT: 1,197.90 FT
DN. INVERT: 1,197.80 FT
L: 18.0 FT
SIZE: 18 INCH
S: 0.556 %

LABEL: INL - 12A
RIM: 1,202.54 FT
SUMP: 1,197.30 FT

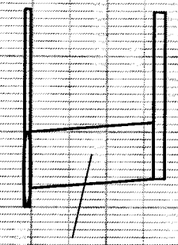
LABEL: INL - 12B
RIM: 1,202.20 FT
SUMP: 1,197.60 FT



LABEL: P - 44
UP. INVERT: 1,197.60 FT
DN. INVERT: 1,197.50 FT
L: 18.0 FT
SIZE: 18 INCH
S: 0.556 %

LABEL: INL - 47B
RIM: 1,203.25 FT
SUMP: 1,198.00 FT

LABEL: INL - 47A
RIM: 1,203.17 FT
SUMP: 1,198.75 FT



LABEL: P - 47A
UP. INVERT: 1,198.75 FT
DN. INVERT: 1,198.50 FT
L: 36.0 FT
SIZE: 18 INCH
S: 0.694 %

1204
1202
1200
1198
1196
1194

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 35	E

FILE NAME : e:\trans\widot\0223.00\cad\ssctthn04a.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:34 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

REVISED

LABEL: INL - 12D
RIM: 1,202.10 FT
SUMP: 1,197.69 FT

LABEL: MH - 12C
RIM: 1,202.10 FT
SUMP: 1,197.15 FT

LABEL: P - 46
UP. INVERT: 1,197.80 FT
DN. INVERT: 1,197.80 FT
L: 18.0 FT
SIZE: 18 INCH
S: 0.556 %

LABEL: MH - 12A
RIM: 1,202.18 FT
SUMP: 1,196.95 FT

LABEL: INL - 12B
RIM: 1,202.16 FT
SUMP: 1,197.39 FT

LABEL: P - 44
UP. INVERT: 1,197.60 FT
DN. INVERT: 1,197.50 FT
L: 18.0 FT
SIZE: 18 INCH
S: 0.556 %

LABEL: MH - 47B
RIM: 1,203.15 FT
SUMP: 1,197.75 FT

LABEL: INL - 47A
RIM: 1,203.05 FT
SUMP: 1,198.54 FT

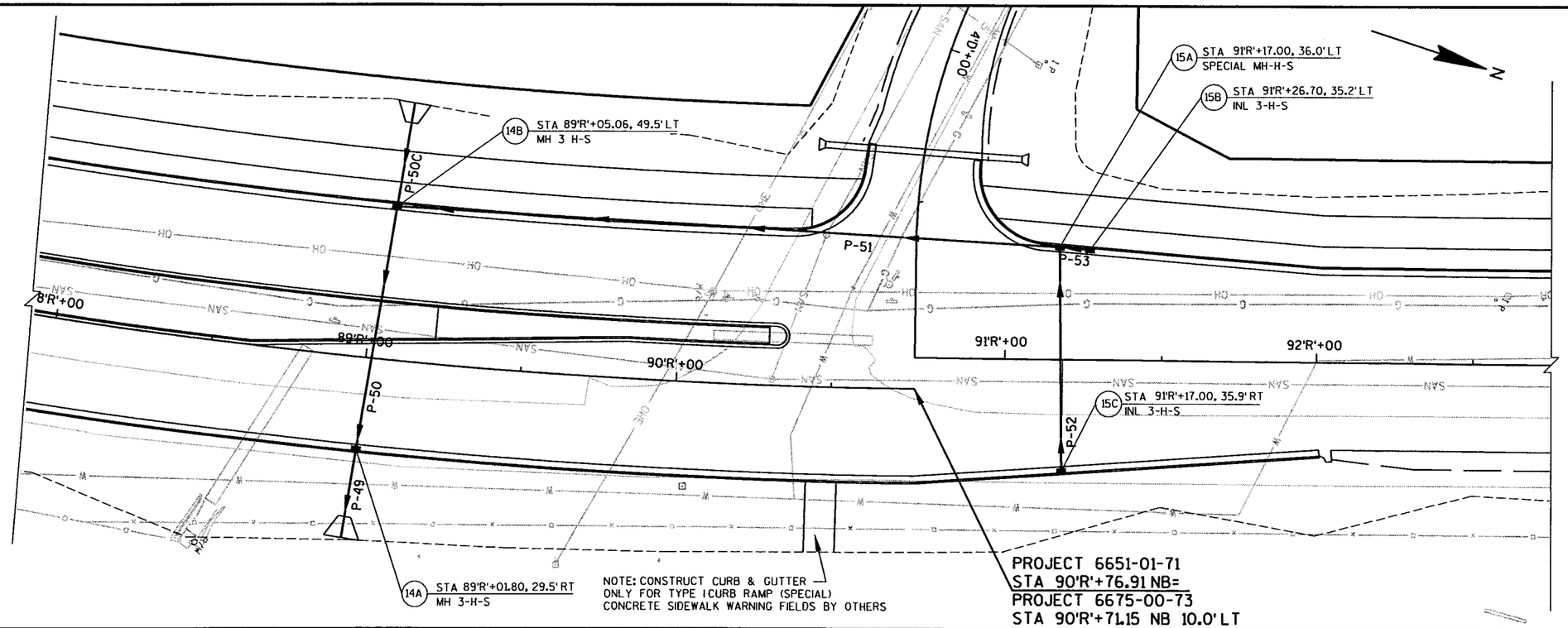
LABEL: P - 47A
UP. INVERT: 1,198.75 FT
DN. INVERT: 1,198.50 FT
L: 36.0 FT
SIZE: 18 INCH
S: 0.694 %

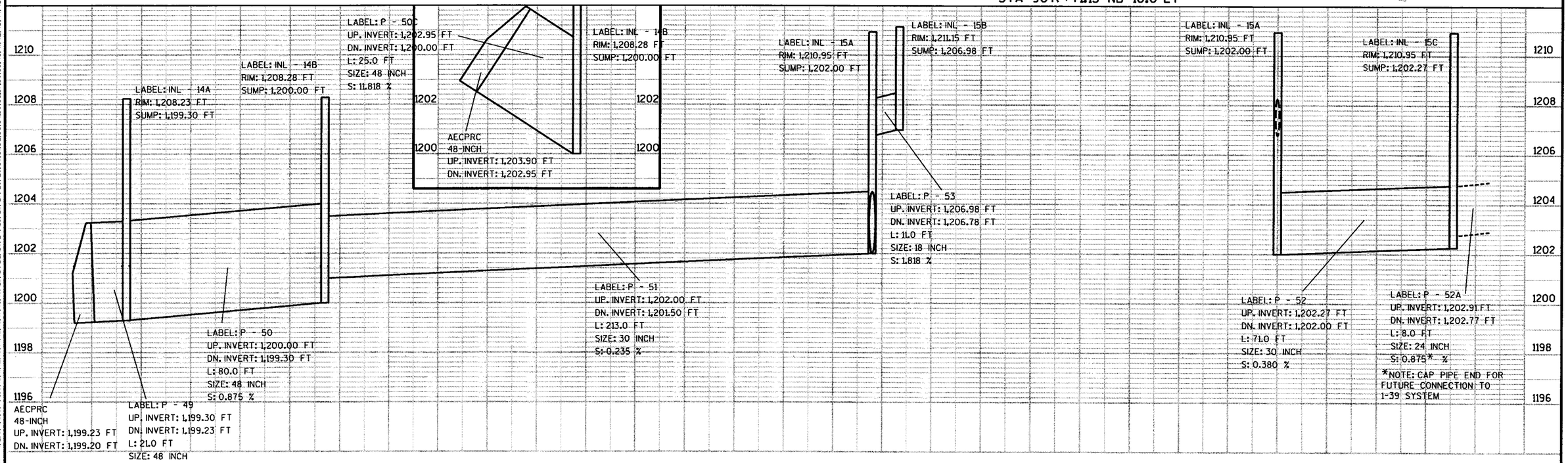
1204
1202
1200
1198
1196
1194

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 35A	E

FILE NAME : e:\trans\widot\0223.00\cad\ssctbn04a.dgn PLOT DATE: 4/8/2004 PLOT TIME: 9:06:32 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

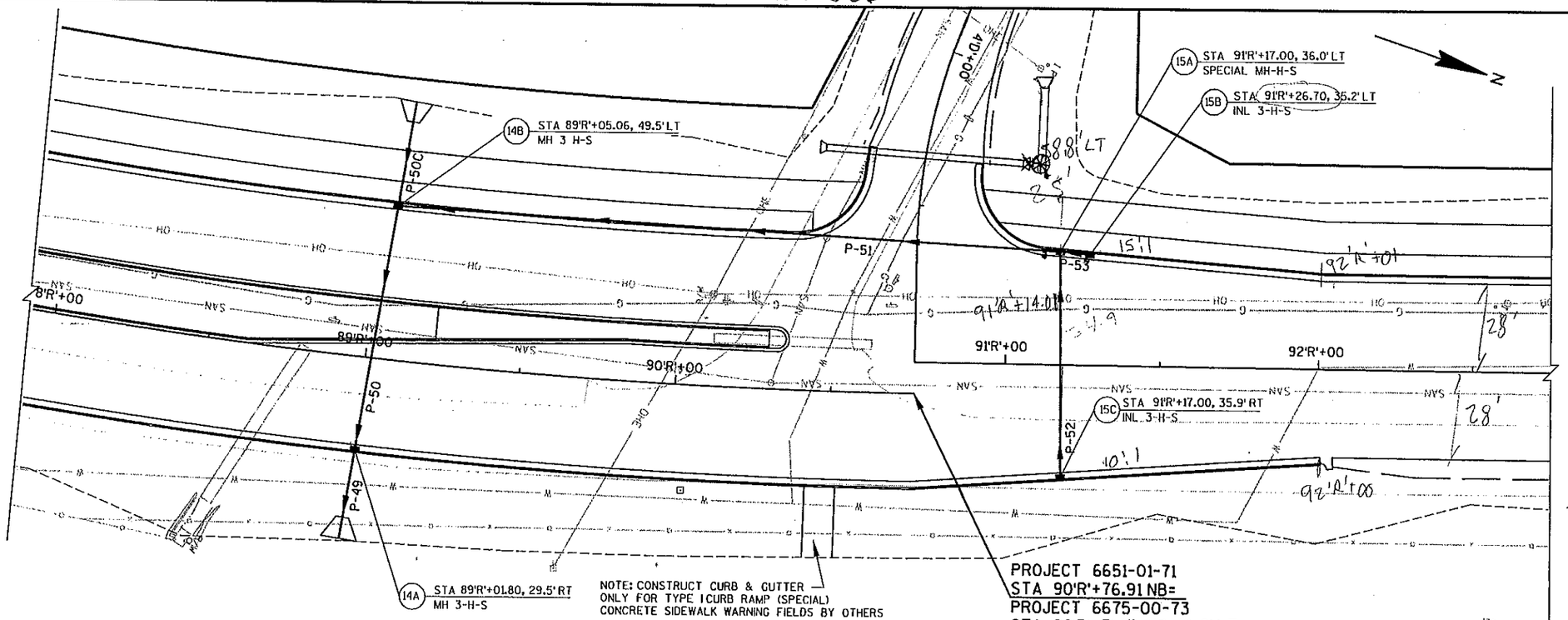


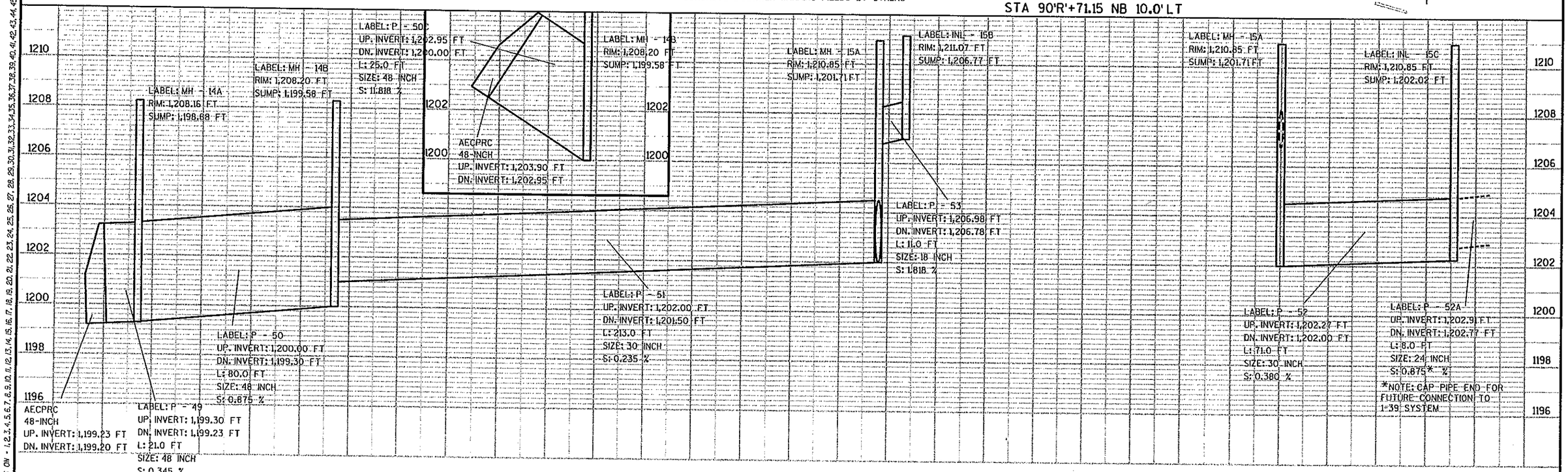


STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 36	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

REVISED



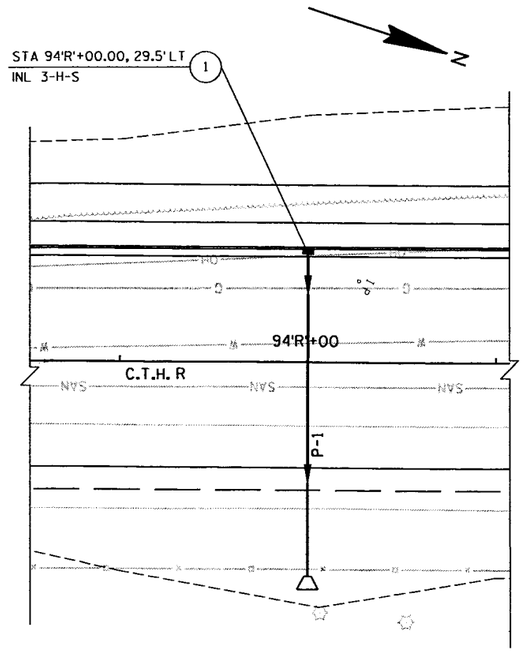


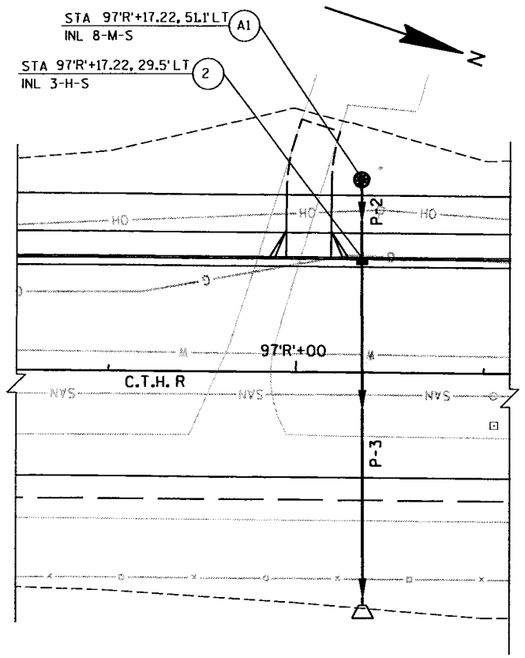
STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 36A	E

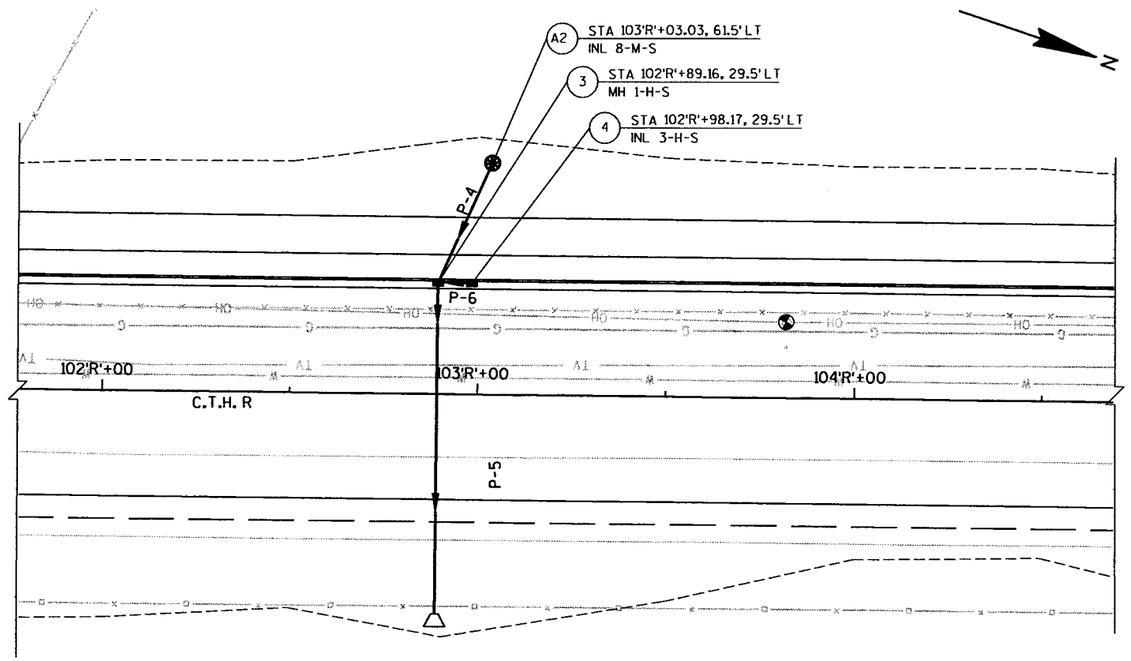
FILE NAME : e:\trans\widot\0223.00\cad\ssthn06.dgn PLOT DATE: 4/8/2004 PLOT TIME: 9:06:35 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

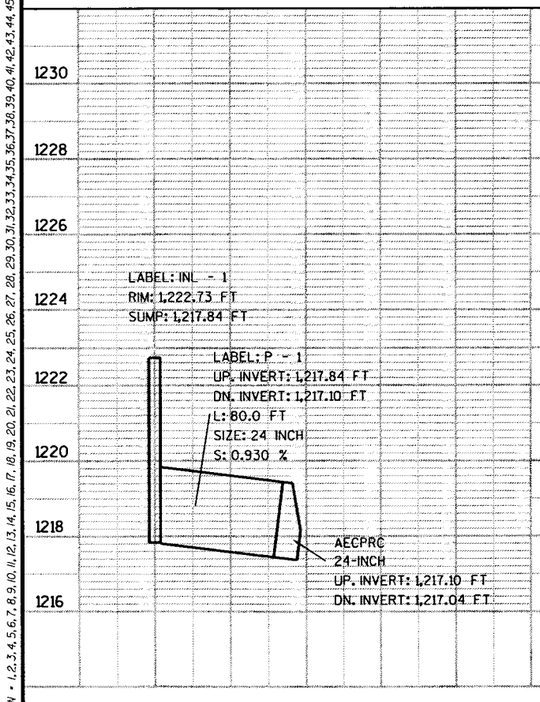
WISDOT/CADDS SHEET 40

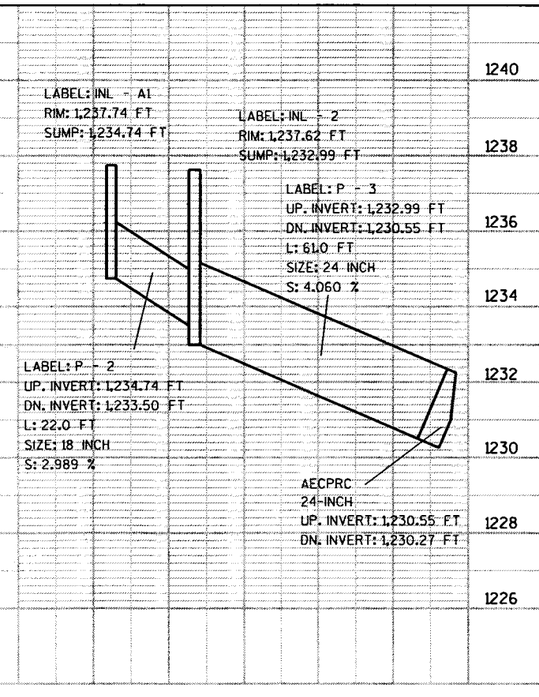
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

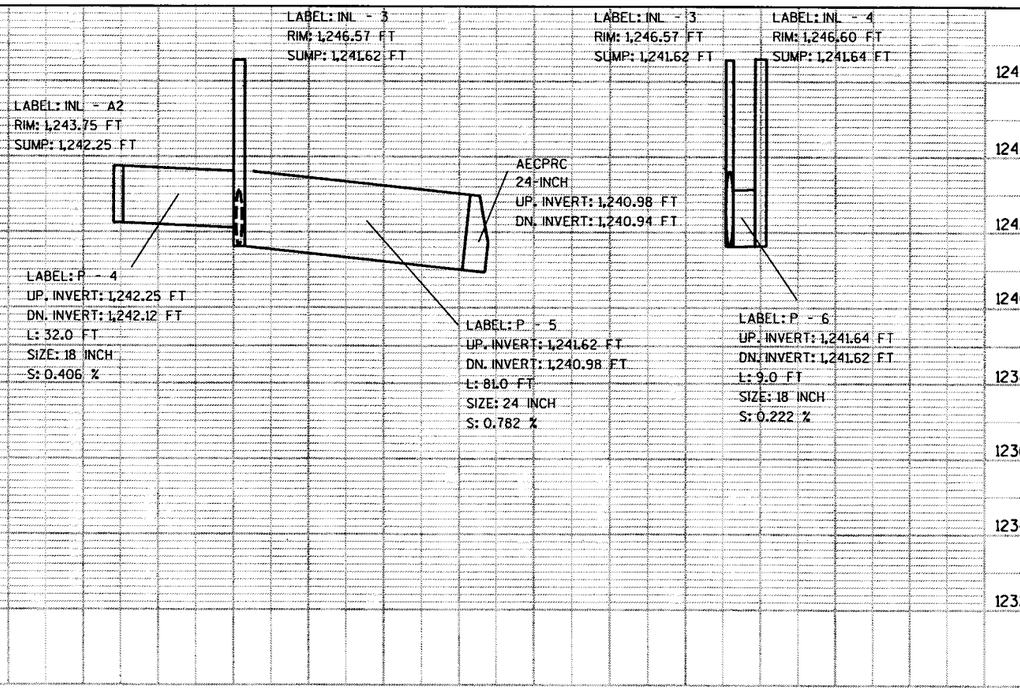












STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 37	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ssctnn07.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:38 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

REVISED

2

STA 94'R'+00.00, 29.5' LT
INL 3-H-S
1

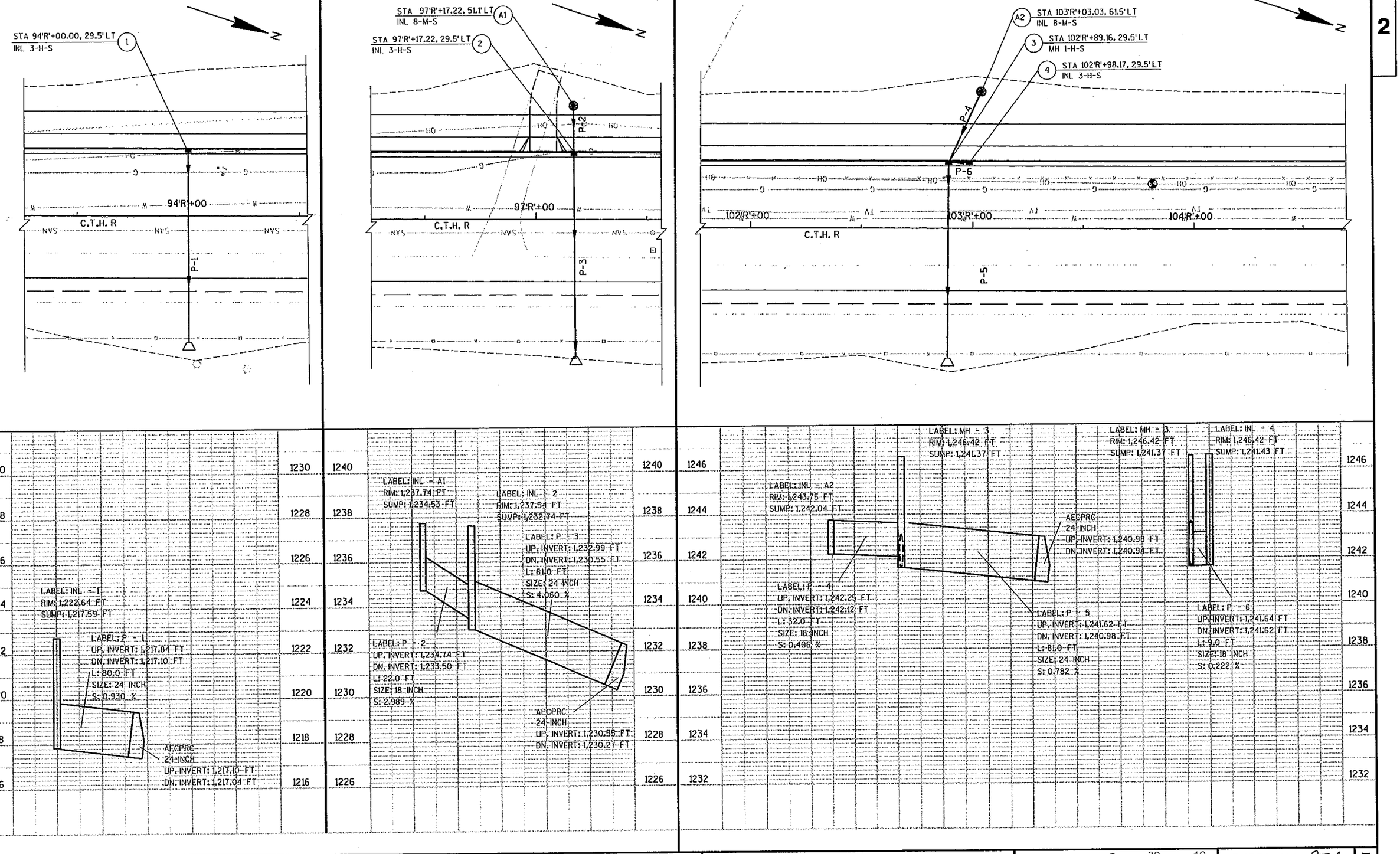
STA 97'R'+17.22, 51.1' LT
INL 8-M-S
A1

STA 97'R'+17.22, 29.5' LT
INL 3-H-S
2

STA 103'R'+03.03, 61.5' LT
INL 8-M-S
A2

STA 102'R'+89.16, 29.5' LT
MH 1-H-S
3

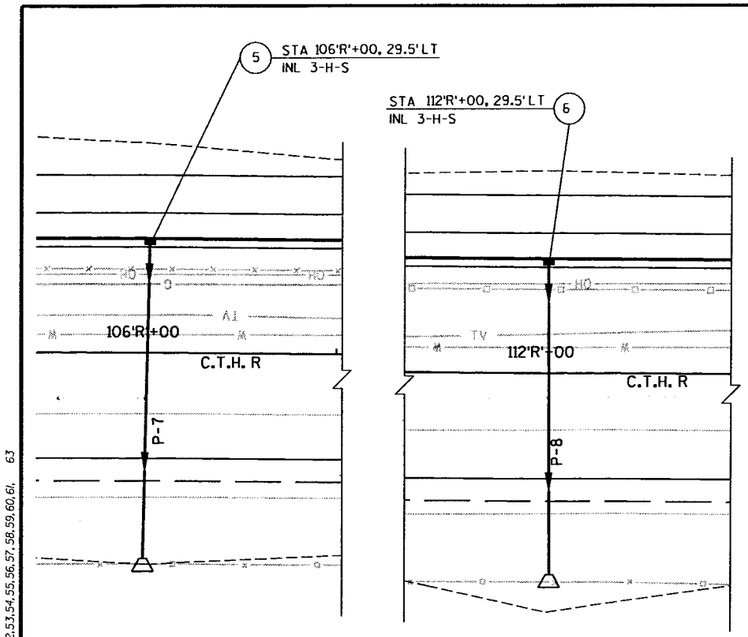
STA 102'R'+98.17, 29.5' LT
INL 3-H-S
4

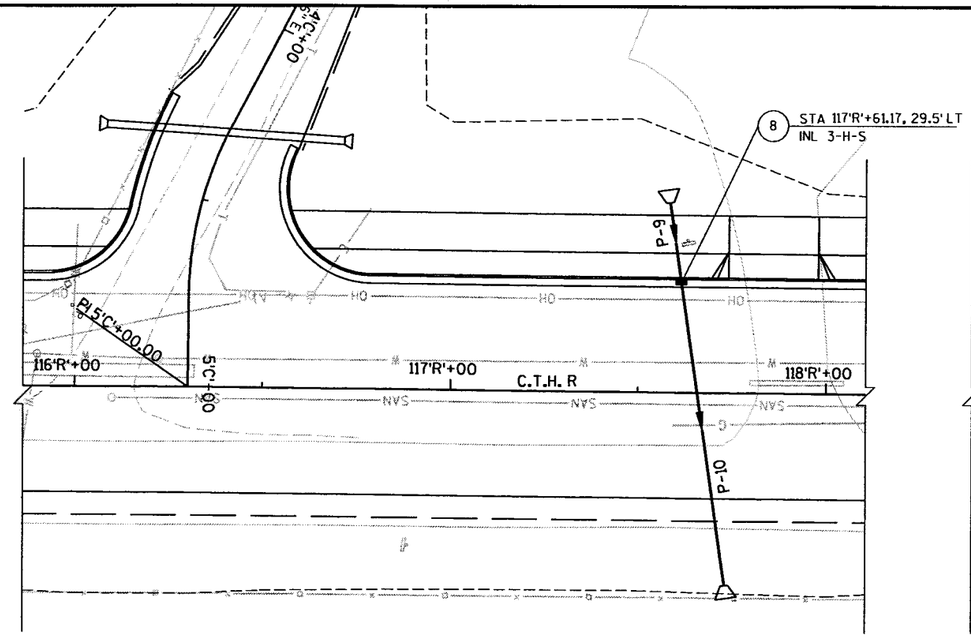


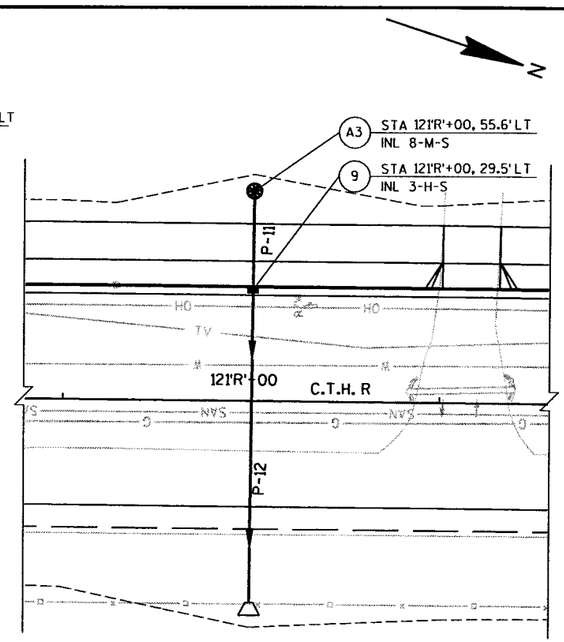
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

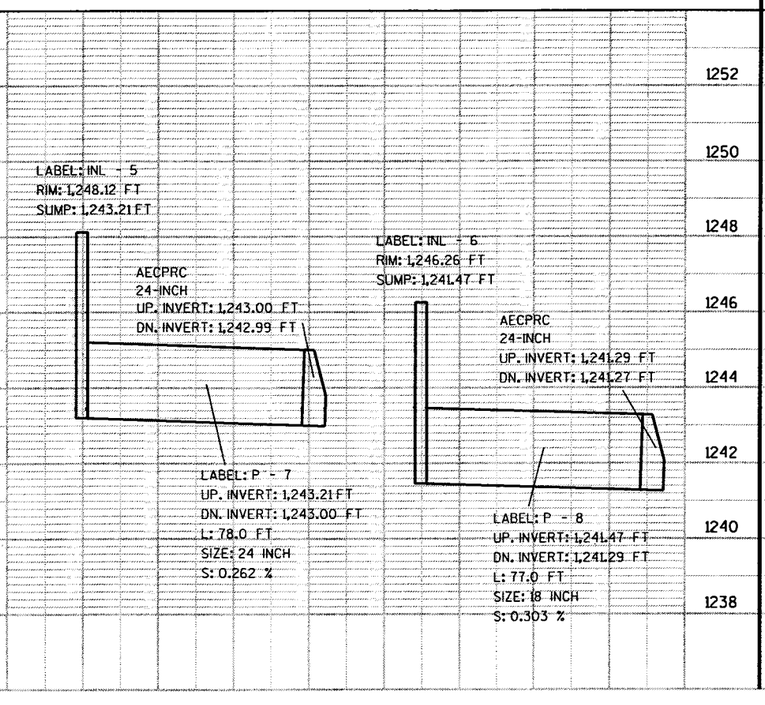
STATE PROJECT NUMBER: 6675-00-73 | HWY: C.T.H. R | COUNTY: MARATHON | STORM SEWER | SCALE, FEET 0 20 40 | SHEET NO: 37A | E

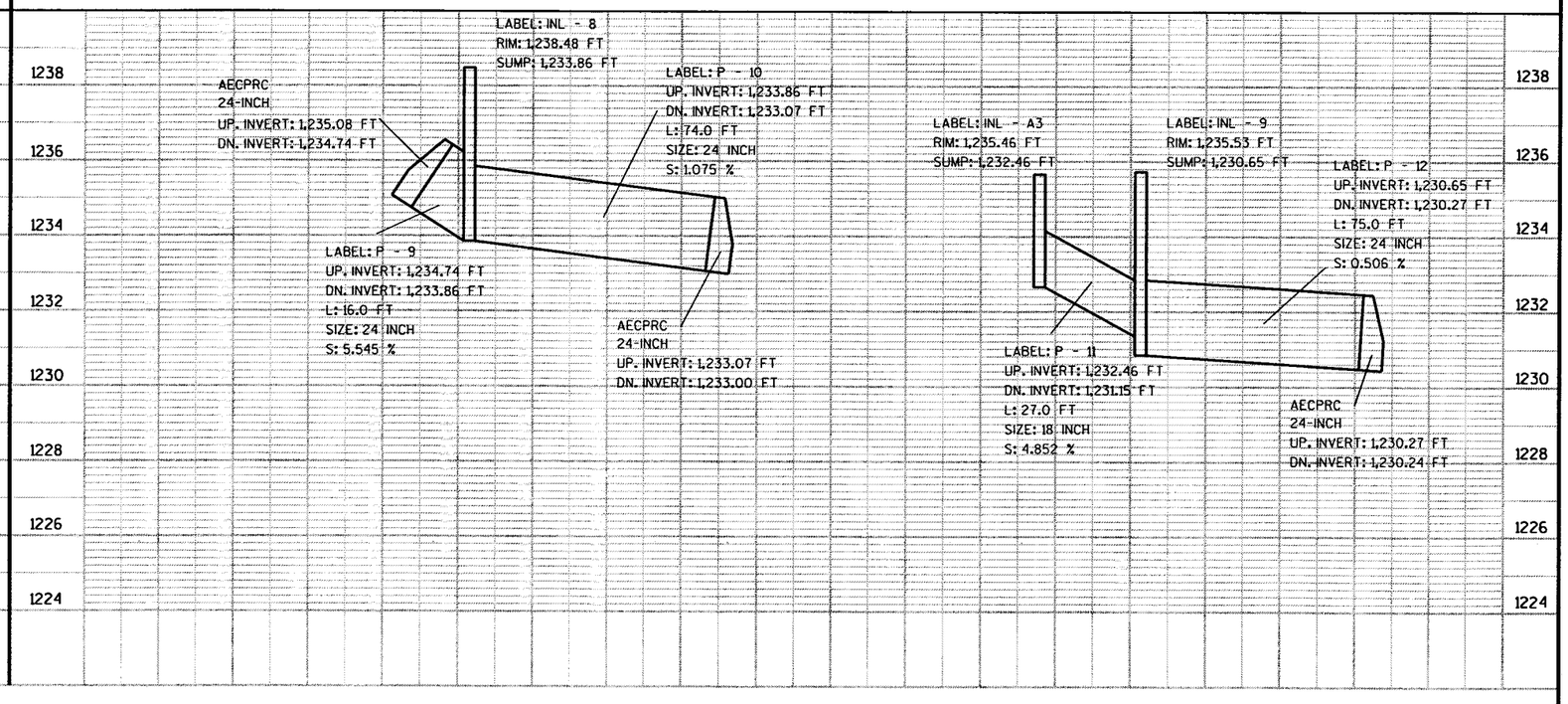
FILE NAME : e:\trans\widot\0223.00\cad\ssctnn07.dgn | PLOT DATE: 4/8/2004 | PLOT TIME: 9:06:37 AM | ORG DATE : | PLOT NAME : | Originator : Dist | PLOT SCALE : N/A











STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 38	E

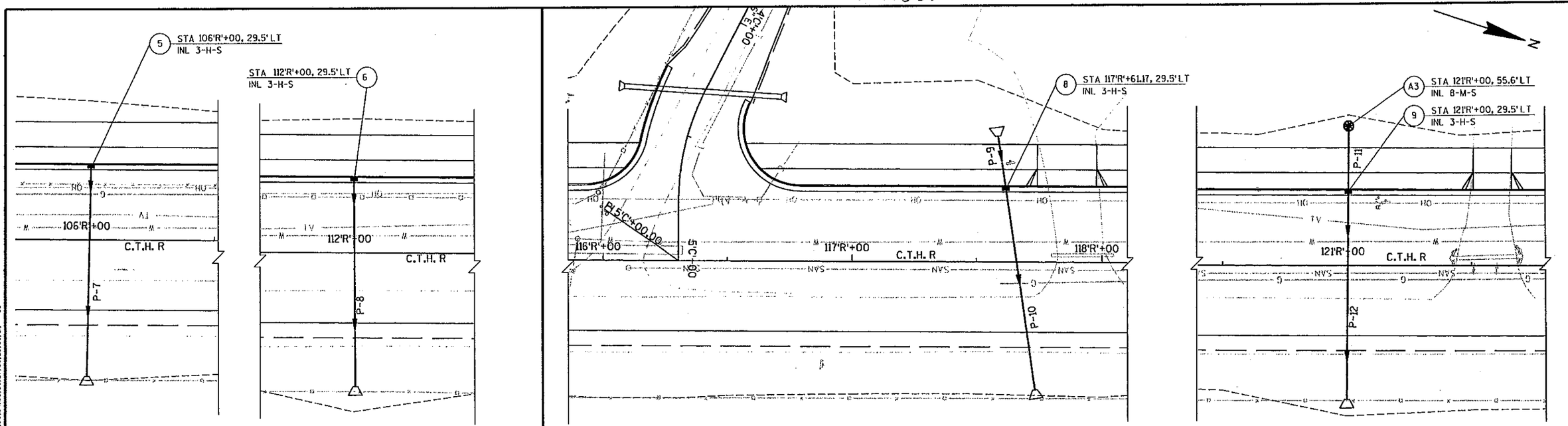
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

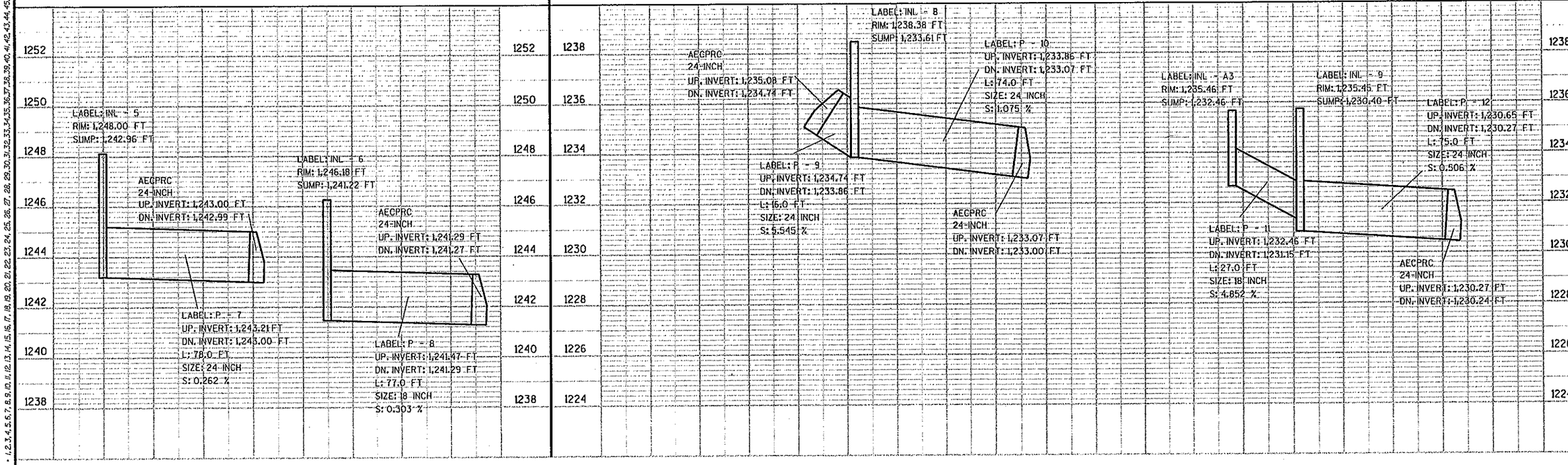
FILE NAME : e:\trans\widot\0223.00\cad\ssctnn08.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:40 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

REVISED

2



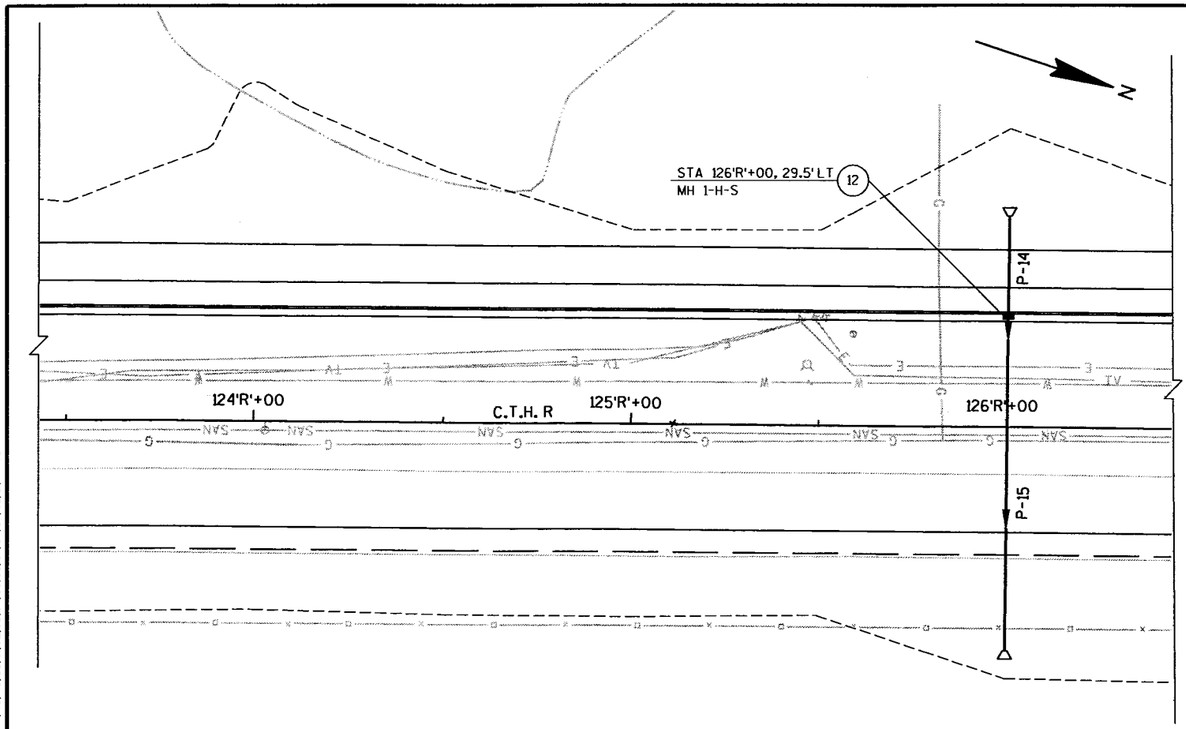


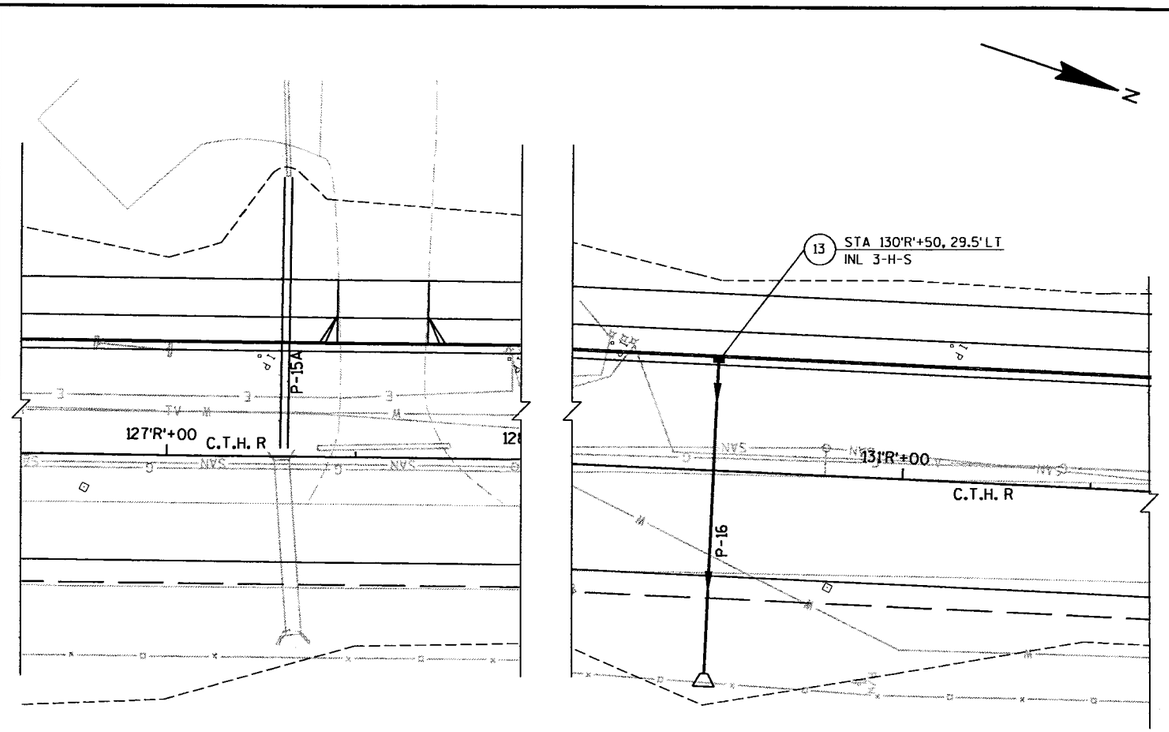
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 38A	E

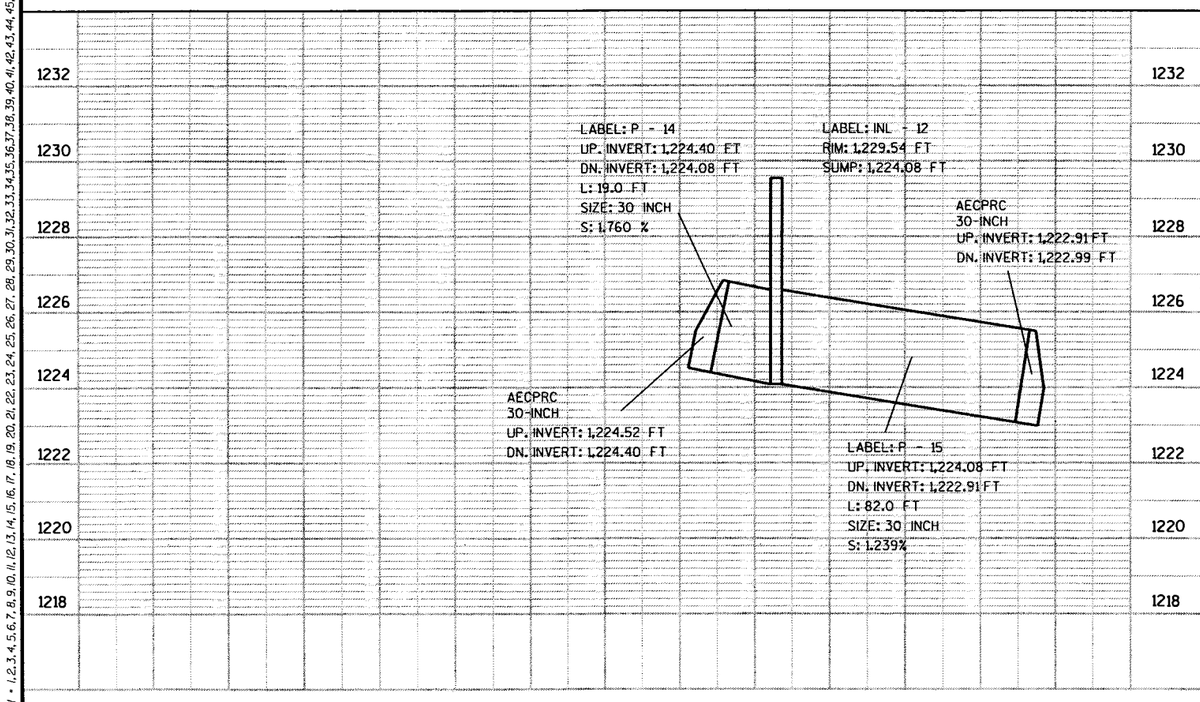
FILE NAME : e:\trans\widot\0223.00\cad\ssclhn08.dgn PLOT DATE: 4/8/2004 PLOT TIME: 9:06:39 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

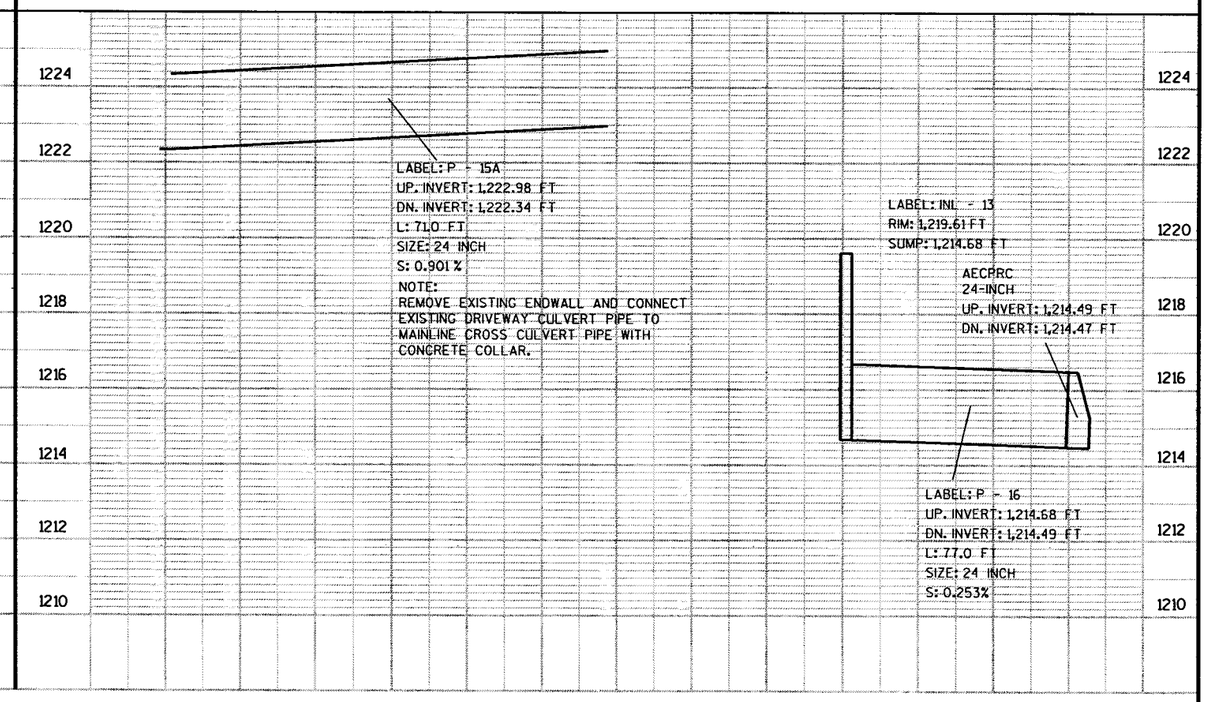
WISDOT/CADDS SHEET 40

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63





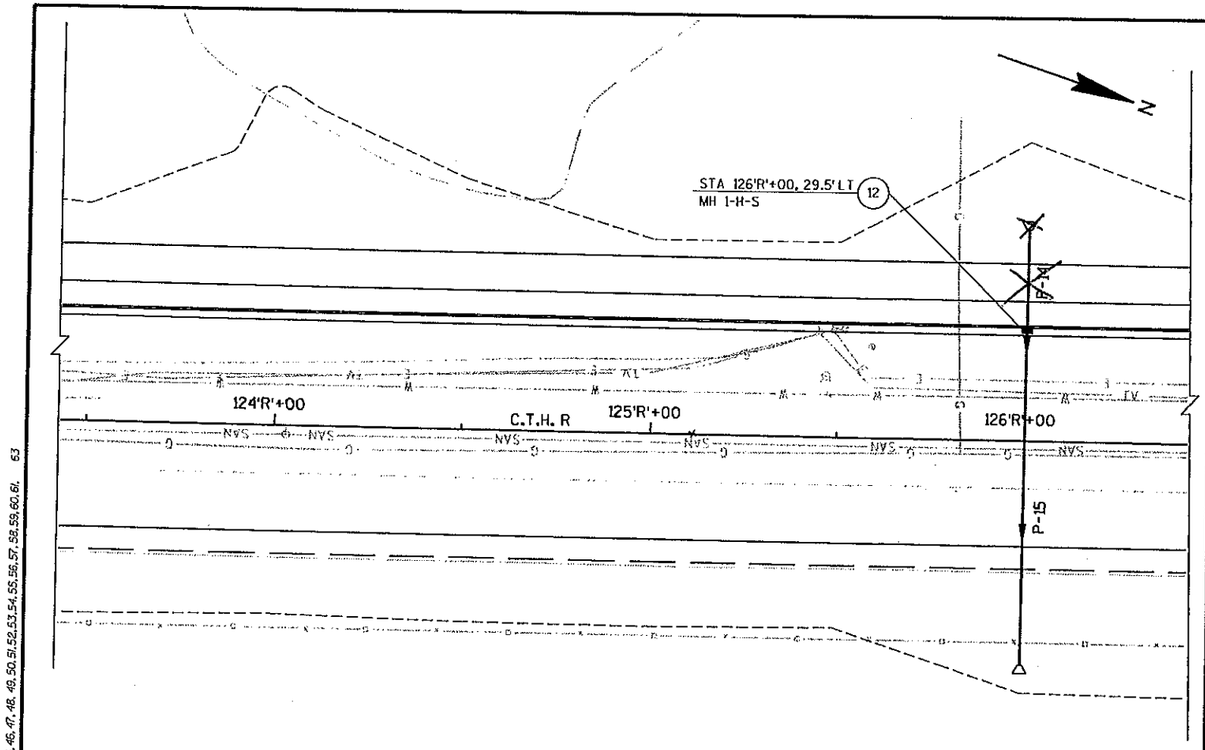


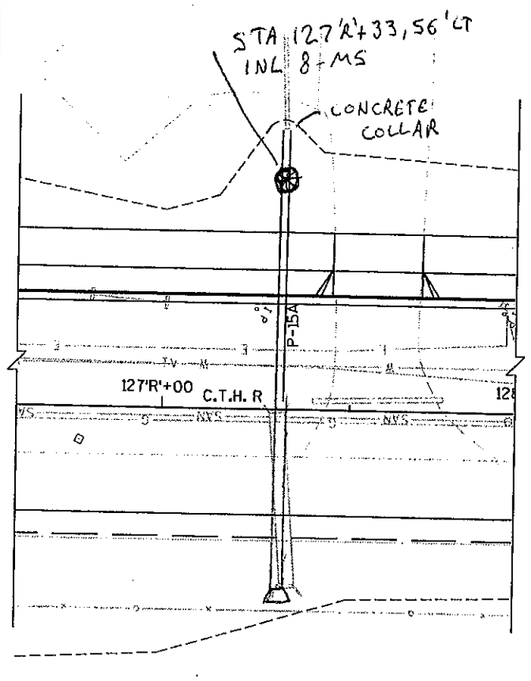


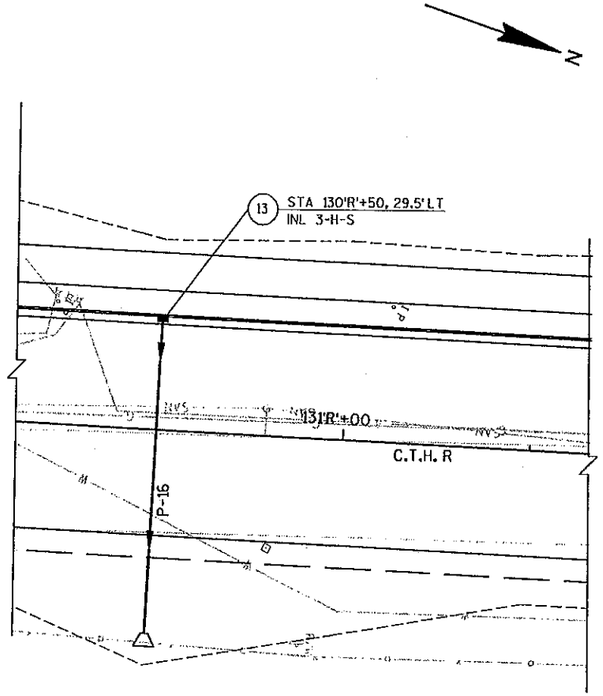
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 39	E

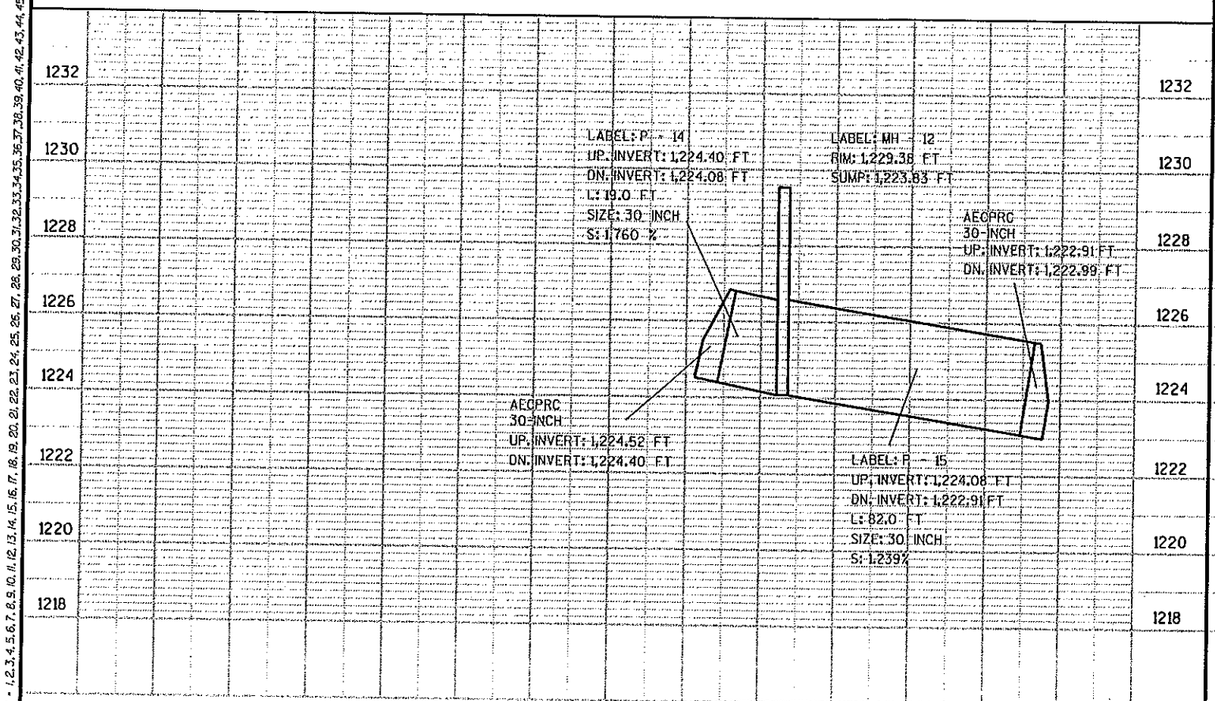
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

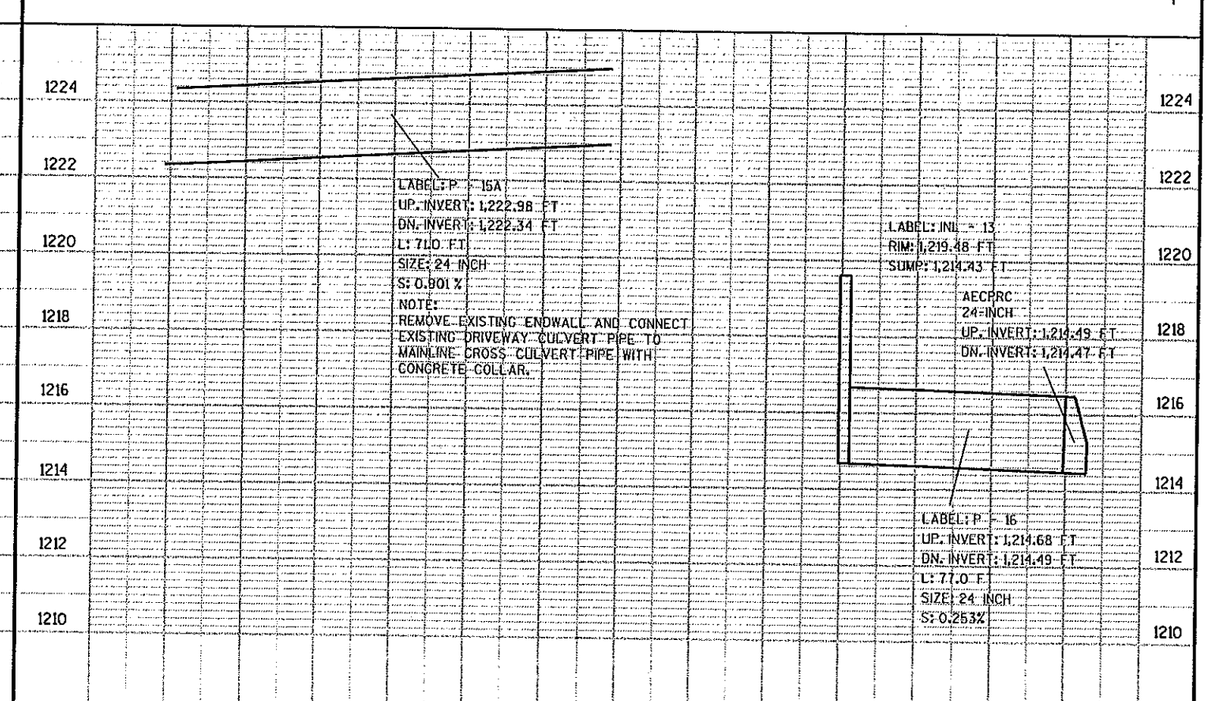
REVISED









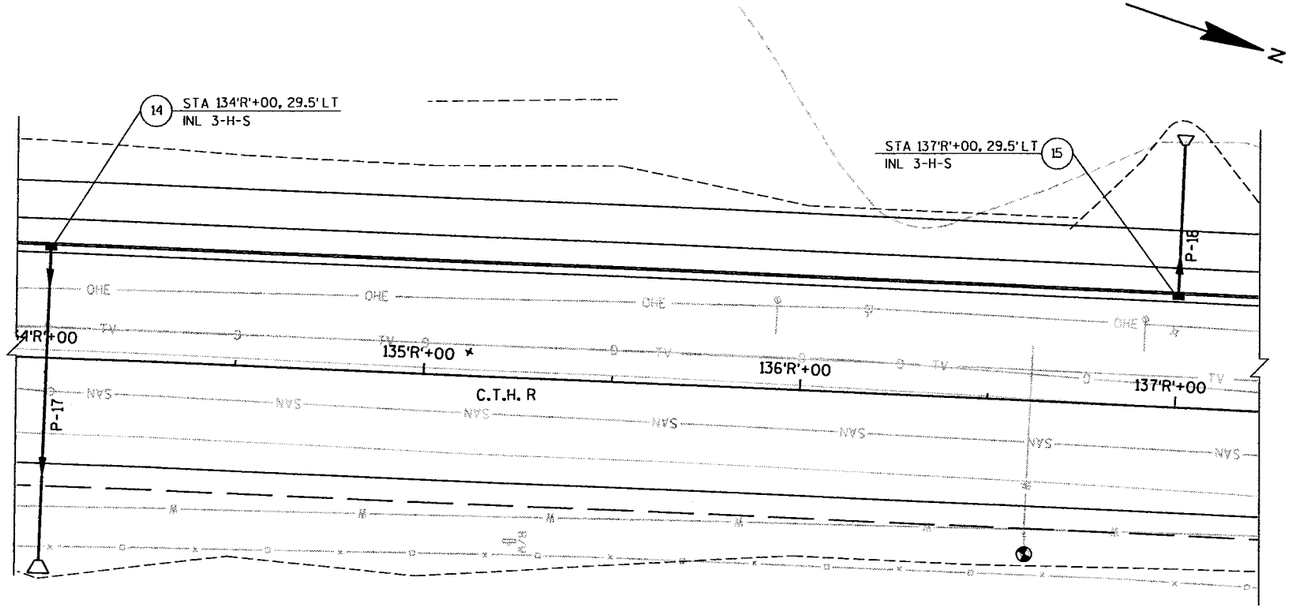


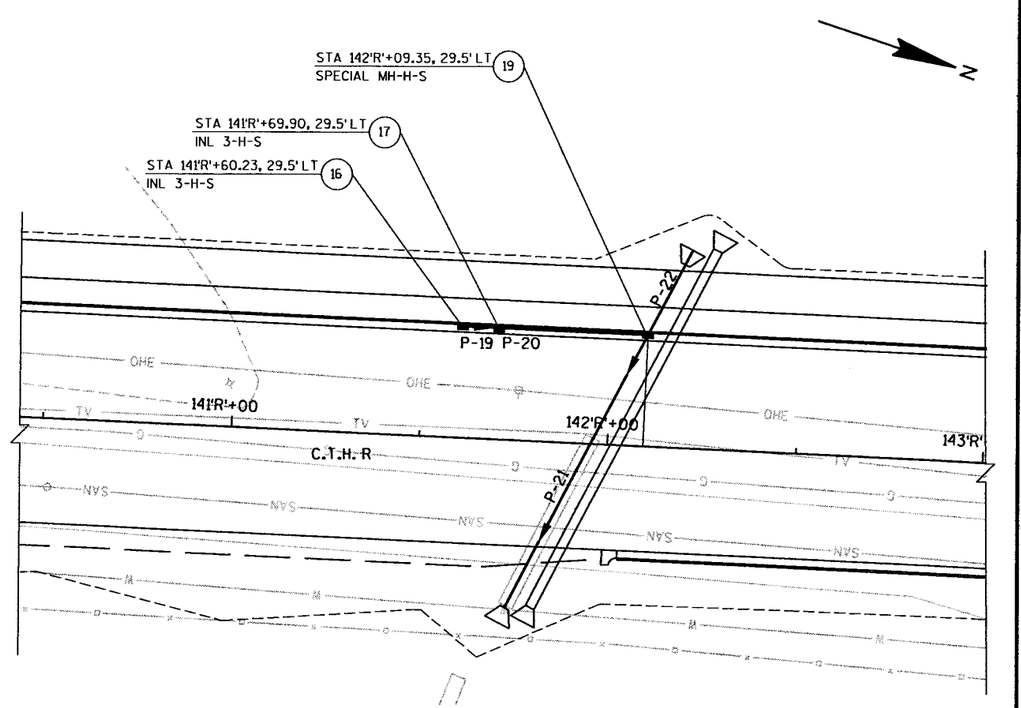
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 39A	E

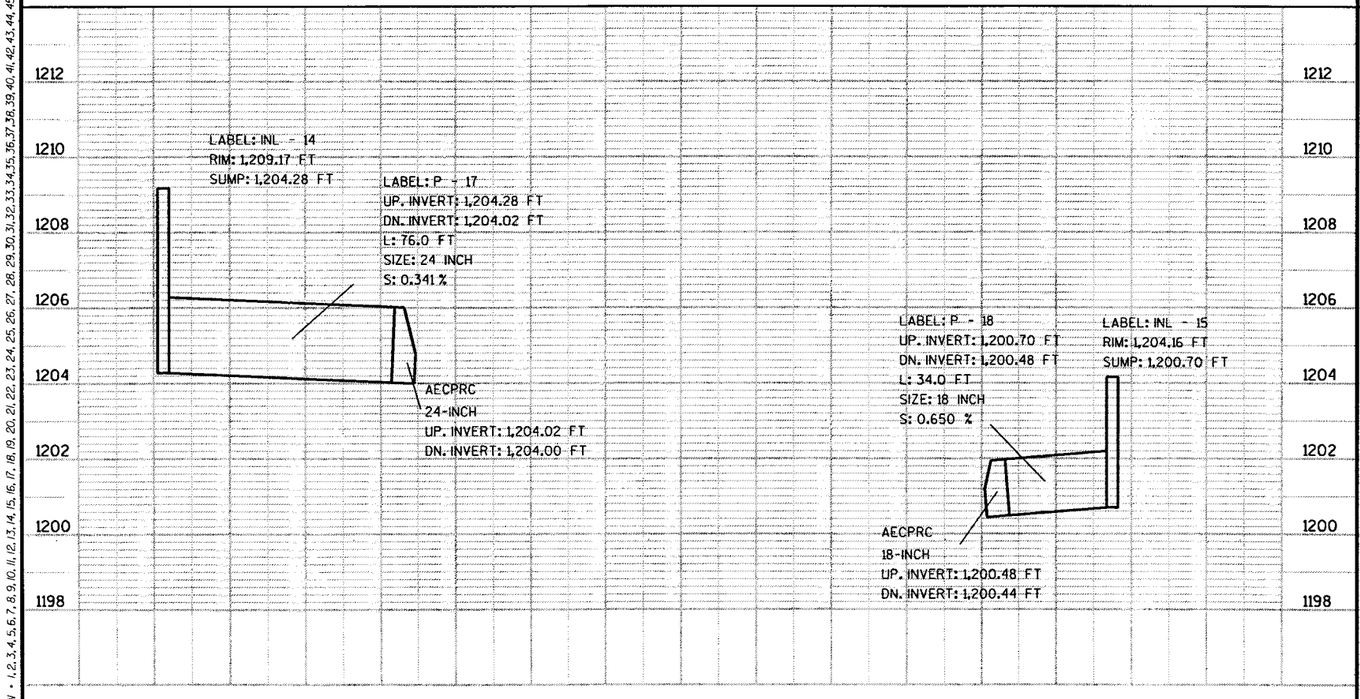
FILE NAME : e:\trans\widot\0223.00\cad\ssthn09.dgn PLOT DATE: 4/8/2004 PLOT TIME: 9:06:40 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

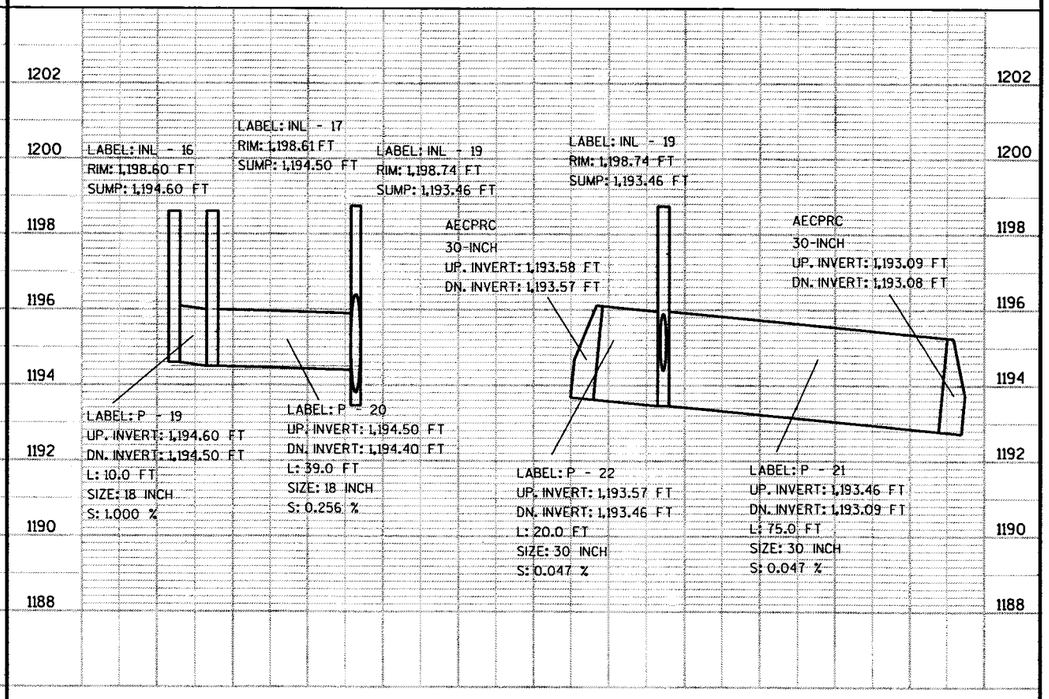
WISDOT/CADDS SHEET 40

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63







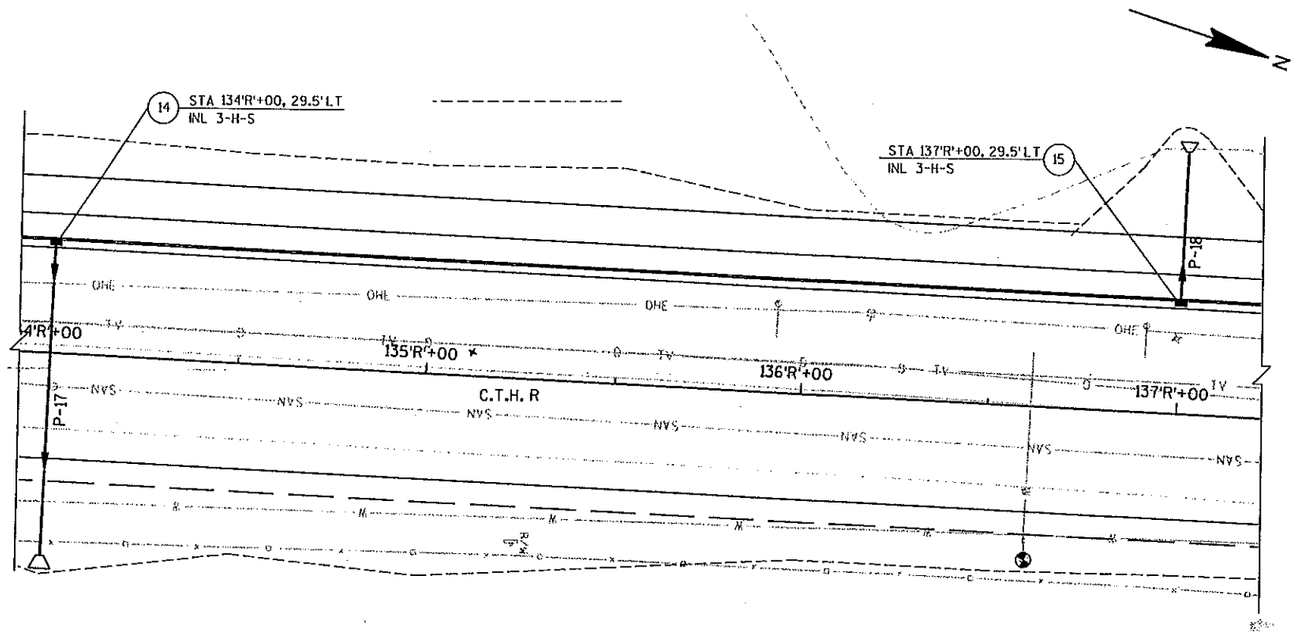


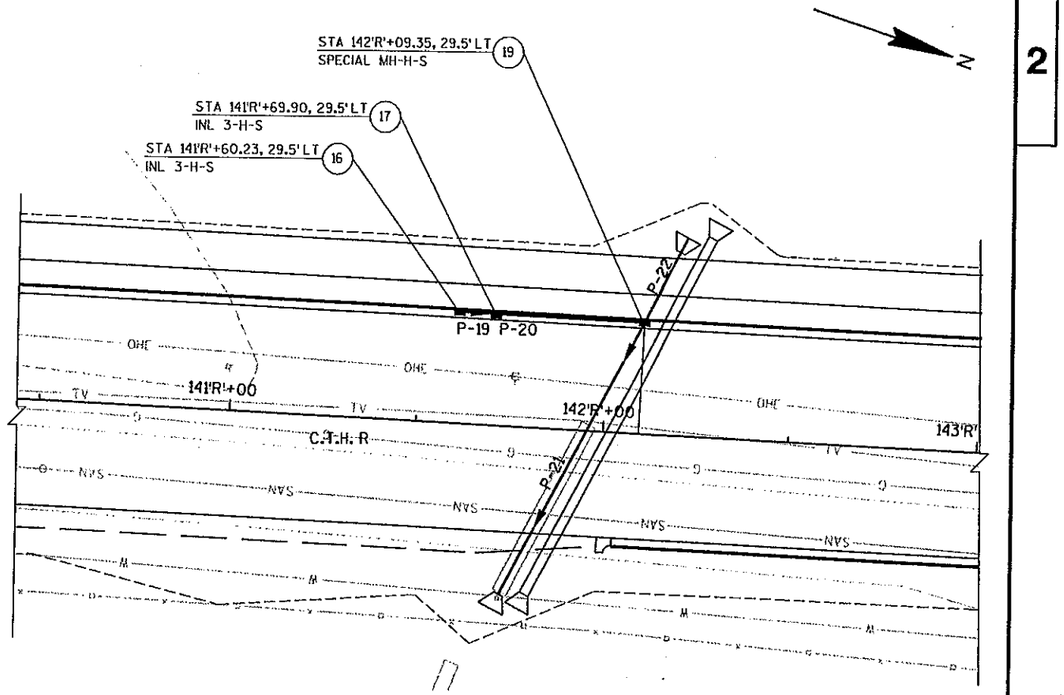
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 4Ø	E

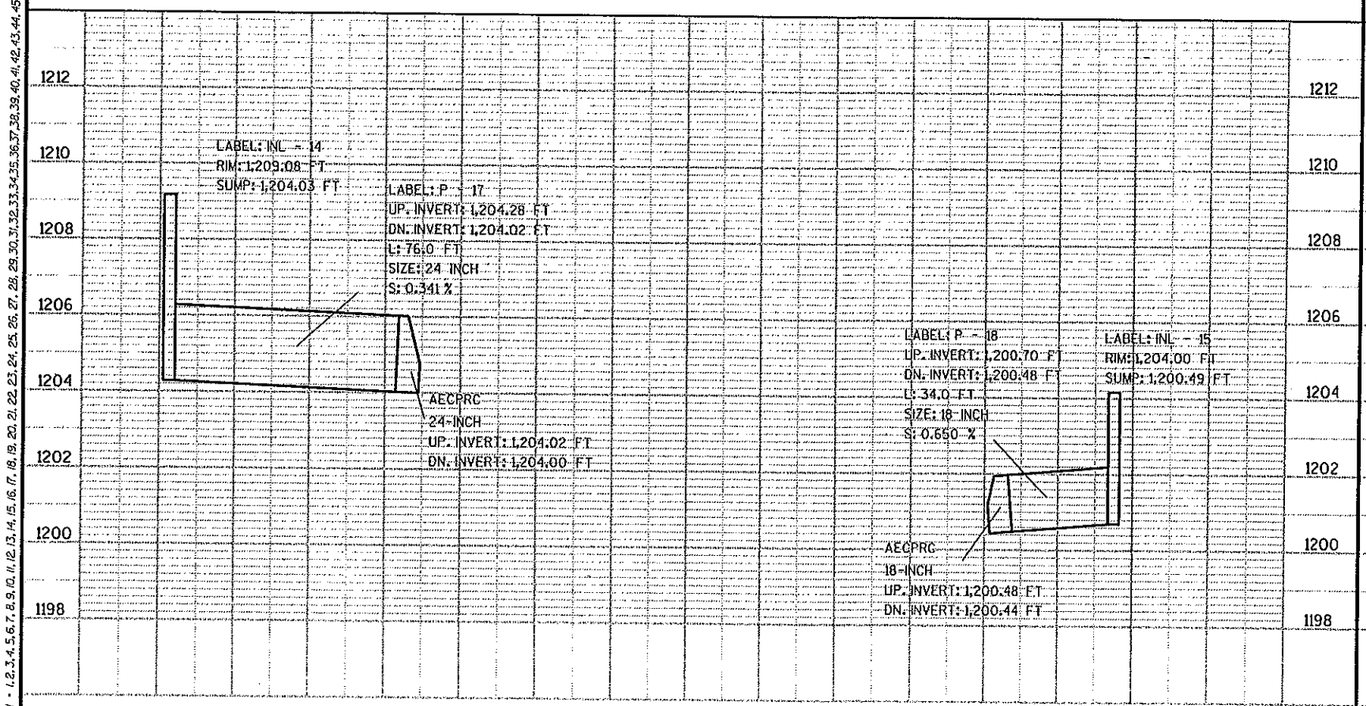
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

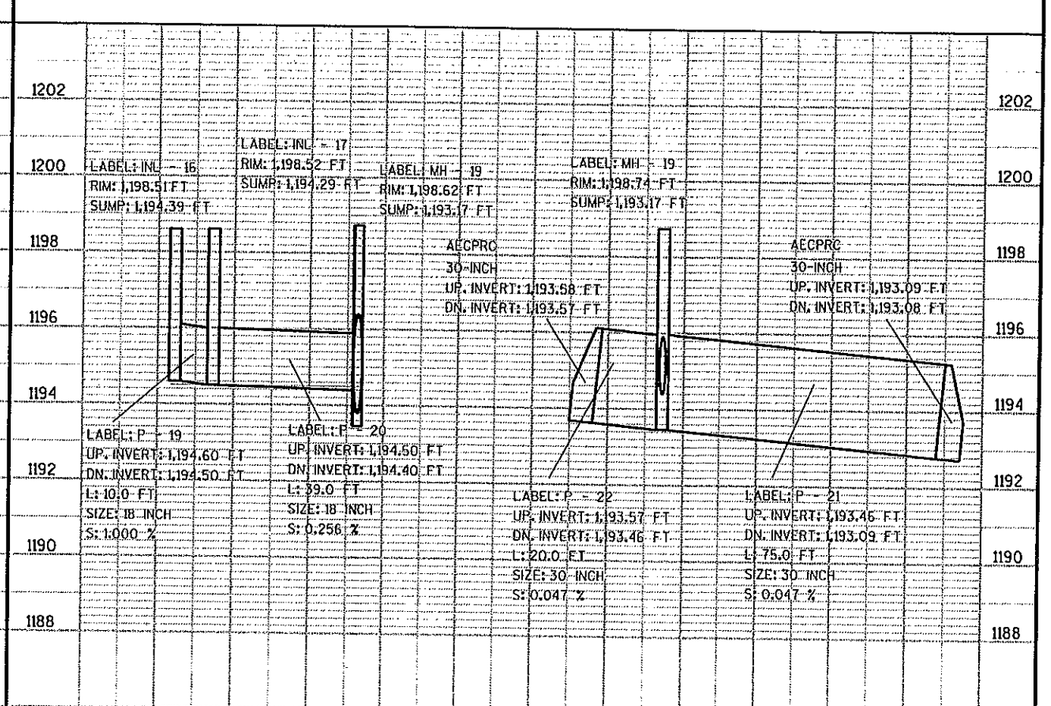
FILE NAME : e:\trans\widot\0223.00\cad\ssctht10.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:01:43 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

REVISED









2

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	STORM SEWER	SCALE, FEET 0 20 40	SHEET NO: 40A	E

FILE NAME : e:\trans\widot\0223.00\cad\ssclhn10.dgn PLOT DATE: 4/8/2004 PLOT TIME: 9:06:41 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 4D

(G) GREEN CIRCULAR INDICATOR	(Y) YELLOW CIRCULAR INDICATOR	(R) RED CIRCULAR INDICATOR
(G arrow) GREEN ARROW	(Y arrow) YELLOW ARROW	DW DON'T WALK INDICATOR / W WALK INDICATOR

NOTE: ALL LENSES ARE 12-INCH

CONFIGURATION WITH HEAD NUMBERS

3-V	5-VL	3-H	4-V	5-HR	2-P
R Y G — 2A, 3A, 4A	R Y G Y G — 1A, 1B, 5A, 5B	R Y G — 2B, 3B, 4B	R Y G G — 3C, 3D, 4C, 4D	R Y G Y G — 6B	DW / W — 2-1, 2-2

5-VR: R Y G Y G — 6A

CONSTRUCTION NOTES:

1. ALL METAL PULL BOXES THAT CARRY 50 VOLTS OR MORE TO BE BONDED
2. * LOCATION IS TO FRONT AND CENTER OF DETECTOR LOOP, LOOP SHALL BE CENTERED IN TRAFFIC LANE.
3. TERMINATION OF BONDING JUMPERS IN FULL BOXES TO BE LUG AND BOLT CONNECTION AND CAULKED (SILICONE) AFTER INSTALLATION
4. EACH LOOP DETECTOR SHALL HAVE A SEPERATE LEAD-IN CABLE TO THE CONTROL CABINET
5. CONDUIT FROM (24" DIA) PULL BOX TO (24" DIA) PULL BOX SHALL BE TWO (2)-3" NON-METALLIC
6. CONDUIT FROM SIGNAL BASE TO (24" DIA) PULL BOX SHALL BE 2" NON-METALLIC
7. LOOP AND LOOP LEAD-IN CONDUIT SHALL BE 1" NON-METALLIC.
8. TRAFFIC SIGNAL FACES TO HAVE BACK PLATES. COST OF BACKPLATES IS INCIDENTAL TO BID ITEM FOR TRAFFIC SIGNAL FACES.
9. ALL TRAFFIC SIGNAL AND PEDESTRIAN FACES SHALL BE "LED", 12-INCH.
10. CONDUIT RUNS FROM ADJACENT (24" DIA) PULL BOX TO CONTROL CABINET SHALL BE FIVE (5)-3" NON-METALLIC AND ONE (1)-2" NON-METALLIC.
11. EXACT LOCATION OF PULL BOXES AND SIGNAL BASE TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
12. FOLDING STOP SIGNS SHALL BE INSTALLED ON SIGNAL POLES SB-1, SB-2, SB-4, SB-5, SB-7, SB-8, SB-10, SB-11.
13. ALL CONDUIT RUNS SHALL HAVE EXTRA PULL WIRE INSTALLED TO PULL FUTURE CABLE. COST SHALL BE INCIDENTAL TO TRAFFIC SIGNAL CABLE, NO. 14.

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT, 2-INCH
- NONMETALLIC CONDUIT, 3-INCH
- SIGNAL HEAD, PEDESTAL MOUNT WITH BACK PLATE
- (XX) SIGNAL HEAD, MAST-ARM MOUNT WITH BACK PLATE
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- 24" PULL BOX, (24" X 36")
- 18" PULL BOX, (18"X24")
- LUMINAIRE ARM, SINGLE MEMBER, 4 1/2-INCH CLAMP, 6-FOOT WITH LUMINAIRE, UTILITY, 150 WATTS
- 3-V / 5 MOUNTING CONFIGURATION SIGNALS HEAD NUMBER
- PB PEDESTRIAN HEAD WITH PUSH BUTTON
- S STOP SIGN

LANE CONFIGURATION

NEMA NUMBERING

2024 PM & (AM) PEAK HOUR VOLUMES

20 20 20 (10)(10)(10)
10(10) 230(500) 360(760)
(20)50 (150)450 (40)30
(170)(10)(40) 540 10 20

TRAFFIC CONTROL SIGNALS
C.T.H. N/PARK ROAD/HUMMINGBIRD ROAD
TOWN OF RIB MOUNTAIN
MARATHON CO.

SIGNAL NO.

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
Date _____ District Traffic Engineer
APPROVED
Date _____ State Electrical Engineer

I.D. NO. Controller Type :

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TRAFFIC SIGNAL PLAN	SCALE, FEET 0 20 40	SHEET NO: 41	E

FILE NAME : e:\trans\widot\0223.00\cad\tscthn02.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:09 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1, 3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

(G) GREEN CIRCULAR INDICATOR	(Y) YELLOW CIRCULAR INDICATOR	(R) RED CIRCULAR INDICATOR
(G) GREEN ARROW	(Y) YELLOW ARROW	DW DON'T WALK INDICATOR W WALK INDICATOR

NOTE: ALL LENSES ARE 12-INCH

CONFIGURATION WITH HEAD NUMBERS

3-V	5-VL	3-H	4-V	5-HR	2-P
R Y G 2A, 3A, 4A	R Y G Y G 1A, 1B 5A, 5B	R Y G 2B, 3B, 4B	R Y G G 3C, 3D, 4C, 4D	R Y G Y G 6B	DW W 2-1, 2-2

5-VR: R Y G Y G — 6A

1. ALL METAL PULL BOXES THAT CARRY 50 VOLTS OR MORE TO BE BONDED
2. * LOCATION IS TO FRONT AND CENTER OF DETECTOR LOOP. LOOP SHALL BE CENTERED IN TRAFFIC LANE.
3. TERMINATION OF BONDING JUMPERS IN FULL BOXES TO BE LUG AND BOLT CONNECTION AND CAULKED (SILICONE) AFTER INSTALLATION
4. EACH LOOP DETECTOR SHALL HAVE A SEPERATE LEAD-IN CABLE TO THE CONTROL CABINET
5. CONDUIT FROM (24" DIA) PULL BOX TO (24" DIA) PULL BOX SHALL BE TWO (2)-3" NON-METALLIC
6. CONDUIT FROM SIGNAL BASE TO (24" DIA) PULL BOX SHALL BE 2" NON-METALLIC
7. LOOP AND LOOP LEAD-IN CONDUIT SHALL BE 1" NON-METALLIC.
8. TRAFFIC SIGNAL FACES TO HAVE BACK PLATES. COST OF BACKPLATES IS INCIDENTAL TO BID ITEM FOR TRAFFIC SIGNAL FACES.
9. ALL TRAFFIC SIGNAL AND PEDESTRIAN FACES SHALL BE "LED", 12-INCH.
10. CONDUIT RUNS FROM ADJACENT (24" DIA) PULL BOX TO CONTROL CABINET SHALL BE FIVE (5)-3" NON-METALLIC AND ONE (1)-2" NON-METALLIC.
11. EXACT LOCATION OF PULL BOXES AND SIGNAL BASE TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
12. FOLDING STOP SIGNS SHALL BE INSTALLED ON SIGNAL POLES SB-1, SB-2, SB-4, SB-5, SB-7, SB-8, SB-10, SB-11.
13. ALL CONDUIT RUNS SHALL HAVE EXTRA PULL WIRE INSTALLED TO PULL FUTURE CABLE. COST SHALL BE INCIDENTAL TO TRAFFIC SIGNAL CABLE, NO. 14.

REVISED

MOVED PB-5 INTO TERRACE-OUT OF MULTI-USE PATH

MOVED PB-9 INTO TERRACE-OUT OF MULTIUSE PATH

PARK ROAD — C.T.H. N — C.T.H. R — FERN LANE

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT, 2-INCH
- NONMETALLIC CONDUIT, 3-INCH
- SIGNAL HEAD, PEDESTAL MOUNT WITH BACK PLATE
- (XX) SIGNAL HEAD, MAST-ARM MOUNT WITH BACK PLATE
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- 24" PULL BOX, (24" X 36")
- 18" PULL BOX, (18"X24")
- LUMINAIRE ARM, SINGLE MEMBER, 4 1/2-INCH CLAMP, 6-FOOT WITH LUMINAIRE, UTILITY, 150 WATTS
- 3-V / 5 MOUNTING CONFIGURATION SIGNALS HEAD NUMBER
- PB PEDESTRIAN HEAD WITH PUSH BUTTON
- S STOP SIGN

LANE CONFIGURATION

NEMA NUMBERING

2024 PM & (AM) PEAK HOUR VOLUMES

20 20 20
(10)(10)(10)
10(10) (20)50
230(500) (150)450
360(760) (40)30
(170)(10)(40)
540 10 20

TRAFFIC CONTROL SIGNALS
C.T.H. N/PARK ROAD/HUMMINGBIRD ROAD
TOWN OF RIB MOUNTAIN
MARATHON CO.

SIGNAL NO.

WISCONSIN DEPARTMENT OF TRANSPORTATION

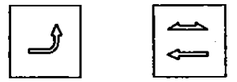
APPROVAL RECOMMENDED
Date _____ District Traffic Engineer
APPROVED
Date _____ State Electrical Engineer
I.D. NO. Controller Type :

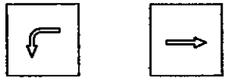
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TRAFFIC SIGNAL PLAN	SCALE, FEET 0 20 40	SHEET NO: 4A	E

FILE NAME : e:\Trans\Widot\0223.00\CAD\TSCTHN02.dgn PLOT DATE: 5/13/2004 PLOT TIME: 11:02:56 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A WISDOT/CADDS SHEET 42

LEVELS ON - 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63

SEQUENCE OF OPERATION





NOT USED

NOT USED

		HEAD NUMBERS	Ø1 R/W	Ø1 **	Ø2 R/W	Ø2 **	Ø3 R/W	Ø3 **	Ø4 R/W	Ø4 **	FLASH
				CLEAR TO		CLEAR TO		CLEAR TO		CLEAR TO	
RING 1	Ø1	1A, 1B	G	Y -	-	- -	-	- -	-	- -	-
	Ø2	2A, 2B, 5A, 5B	R	R R	G	Y R	R	R R	R	R R	R
	Ø3	3A, 3B, 3C, 3D	R	R R	R	R R	G	Y R	R	R R	R
	Ø4	4A, 4B, 4C, 4D	R	R R	R	R R	R	R R	G	Y R	R
	Ø5	5A, 5B	-	- -	-	- -	-	- -	-	- -	-
	Ø6	6A, 6B, 1A, 1B	R	R R	R	R R	R	R R	R	R R	R
	Ø7										
	Ø8										
	OLA	6A, 6B	-	- -	-	- -			-	- -	-
	Ø2P	2-1, 2-2	DW	DW DW	•	DW DW	G	Y -			
	Ø4P						DW	DW DW	DW	DW DW	
	Ø6P										
	Ø8P										

		HEAD NUMBERS	Ø5 R/W	Ø5 **	Ø6 R/W	Ø6 **	Ø7 R/W	Ø7 **	Ø8 R/W	Ø8 **
				CLEAR TO		CLEAR TO		CLEAR TO		CLEAR TO
RING 2	Ø1	1A, 1B	-	- -	-	- -				
	Ø2	2A, 2B, 5A, 5B	R	R R	R	R R				
	Ø3	3A, 3B, 3C, 3D	R	R R	R	R R				
	Ø4	4A, 4B, 4C, 4D	R	R R	R	R R				
	Ø5	5A, 5B	G	Y -	-	- -				
	Ø6	6A, 6B, 1A, 1B	R	R R	G	Y R				
	Ø7									
	Ø8									
	OLA	6A, 6B	-	- -	-	- -				
	Ø2P	2-1, 2-2	DW	DW DW	DW	DW DW				
	Ø4P									
	Ø6P									
	Ø8P									

BARRIER

* WHEN CALLED, TIMED STEADY WALK, THEN FLASHING, DONT WALK, THEN GOES TO STEADY DONT WALK

** CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1 BELOW)

LEGEND:

⟹ VEHICULAR PHASE

⟸ PEDESTRIAN PHASE

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
Ø1	5 OR 6	2,3,4
Ø2	5 OR 6	1,3,4
Ø3		1,2,4,5,6
Ø4		1,2,3,5,6
Ø5	1 OR 2	3,4,6
Ø6	1 OR 2	3,4,5
Ø7		
Ø8		

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL NUMBER	OETECTOR OPERATION: CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY	PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
11	1		X		1					6'X20'	3
12	1	X			1	1				6'X20'	3
21	2			X		2			X	6'X6'	5
22	2			X		2			X	6'X6'	5
31	3			X		3			X	6'X6'	4
32	3			X		3			X	6'X6'	4
33	4			X		3			X	6'X6'	4
34	6		X		3					6'X20'	3
35	7		X		3					6'X20'	3
36	6	X			3	3				6'X20'	3
37	7	X			3	3				6'X20'	3
38	8	X			3	3				6'X20'	3
41	5			X		4			X	6'X6'	5
42	9		X		4					6'X20'	3
43	9	X			4	4				6'X20'	3
44	10	X			4	4		X		6'X20'	3
51	11		X		5					6'X20'	3
52	11	X			5	5				6'X20'	3
61	12			X		6			X	6'X6'	4
62	12			X		6			X	6'X6'	4
63	13	X			6	6	*	X		6'X20'	3

* LOOP 63 SHALL DISCONNECT DURING PHASE 6 WITH PHASE 3 CHECK

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL
1			
2	X	W/6	MIN
3			
4			
5			
6	X	W/2	MIN
7			
8			

OVERLAPS

O.L. "A" =	PHASE 3
O.L. "B" =	NONE
O.L. "C" =	NONE
O.L. "D" =	NONE

TYPE OF INTERCONNECT	
NONE	
TBC	X
CLOSED LOOP	
HARDWARE (7 WIRE)	
TONE (FREQ)	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	

TYPE OF LIGHTING	
NONE	
IN TRAFFIC CONTROL CABINET	X
IN SEPARATE CONTROL CABINET	

GENERAL NOTES:

1. ANY ACTUATED PHASE WHICH THERE IS NO CALL SHALL BE SKIPPED.
2. WHEN ONE PHASE IS ON ALONE, ANY NONCONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL (SEE CHART 1 AT LEFT).
3. IF ANY OPPOSING THRU PHASES ARE TIMING CONCURRENTLY, THEY SHALL TERMINATE TOGETHER DUE TO PERMISSIVE LEFT TURN CONFLICT.

C.T.H N/PARK RD/HUMMINGBIRD RD
TRAFFIC SIGNAL
TOWN OF RIB MOUNTAIN
MARATHON CO.

SIGNAL NO.

DATE MARCH 25, 2003 SHEET NO. OF

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	SEQUENCE OF OPERATIONS	SCALE, FEET 0 NTS	SHEET NO: 42	E

LEVELS ON * 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,

CTH N/ PARK ROAD/HUMMINGBIRD ROAD INTERSECTION

SIGNAL INDICATION WIRE COLOR

FROM TO	JUMPER	CABLE	HEAD NUMBER	EQUIPMENT GROUND	NEUTRAL	PHASE	GREEN	YELLOW	RED	<--GREEN	<--YELLOW	GREEN -->	YELLOW-->	WALK	DON'T WALK	PED BUTTON
SE QUADRANT																
CB1 - SB1		21C	6A	WHITE / BLACK	WHITE	6	GREEN/ BLACK	ORANGE/ BLACK	RED/ BLACK			BLUE/BLACK	BLACK/WHITE			
	SB1 - SB12	21C	4B	WHITE / BLACK	WHITE	4	BLUE/ RED	ORANGE/ GREEN	RED/ GREEN							
SOUTH MEDIAN																
CB1 - SB2		12C	1A	WHITE / BLACK	WHITE	1 & 6	GREEN/ BLACK	ORANGE/ BLACK	RED/ BLACK	BLUE/BLACK	BLACK/WHITE					
			5B	WHITE / BLACK	WHITE	2 & 5	GREEN	ORANGE	RED	BLUE	BLACK					
SW QUADRANT																
CB1 - SB3		21C	2B	WHITE / BLACK	WHITE	2	GREEN	ORANGE	RED							
			2-2	WHITE / BLACK	WHITE	2P								GREEN/ BLACK	RED/ BLACK	ORANGE/ BLACK
	SB3 - SB4	21C	4A	WHITE / BLACK	WHITE	4	BLUE/ RED	ORANGE/ GREEN	RED/ GREEN							
WEST MEDIAN																
CB1 - SB5		21C	3C	WHITE / BLACK	WHITE	3	GREEN/ WHITE	ORANGE/ RED	RED/ WHITE	GREEN/ WHITE						
			4D	WHITE / BLACK	WHITE	4	BLUE/ RED	ORANGE/ GREEN	RED/ GREEN	BLUE/ RED						
NW QUADRANT																
CB1 - SB6		21C	3B	WHITE / BLACK	WHITE	3	GREEN/ WHITE	ORANGE/ RED	RED/ WHITE							
	SB6 - SB7	21C	2A	WHITE / BLACK	WHITE	2	GREEN	ORANGE	RED							
			2-1	WHITE / BLACK	WHITE	2P								GREEN/ BLACK	RED/ BLACK	ORANGE/ BLACK
NORTH MEDIAN																
CB1 - SB8		12C	1B	WHITE / BLACK	WHITE	1 & 6	GREEN/ BLACK	ORANGE/ BLACK	RED/ BLACK	BLUE/BLACK	BLACK/WHITE					
			5A	WHITE / BLACK	WHITE	2 & 5	GREEN	ORANGE	RED	BLUE	BLACK					
NE QUADRANT																
CB1-SB10		21C	3A	WHITE / BLACK	WHITE	3	GREEN/ WHITE	ORANGE/ RED	RED/ WHITE							
			6B	WHITE / BLACK	WHITE	6	GREEN/ BLACK	ORANGE/ BLACK	RED/ BLACK			BLUE/BLACK	BLACK/WHITE			
EAST MEDIAN																
CB1 - SB11		21C	3D	WHITE / BLACK	WHITE	3	GREEN/ WHITE	ORANGE/ RED	RED/ WHITE	GREEN/ WHITE						
			4C	WHITE / BLACK	WHITE	4	BLUE/ RED	ORANGE/ GREEN	RED/ GREEN	BLUE/ RED						

EQUIPMENT GROUNDING CONDUCTOR, NO. 10 10 AWG, XLP (STRANDED)		
FROM		TO
SB12	-	PB1
SB2	-	PB2
SB3	-	PB5
SB5	-	PB8
SB7	-	PB9
SB8	-	PB10
SB10	-	PB14
SB11	-	PB15

C.T.H N/PARK RD/HUMMINGBIRD RD
TRAFFIC SIGNAL
TOWN OF RIB MOUNTAIN
MARATHON CO.

SIGNAL NO.

DATE MARCH 25, 2003 SHEET NO. OF

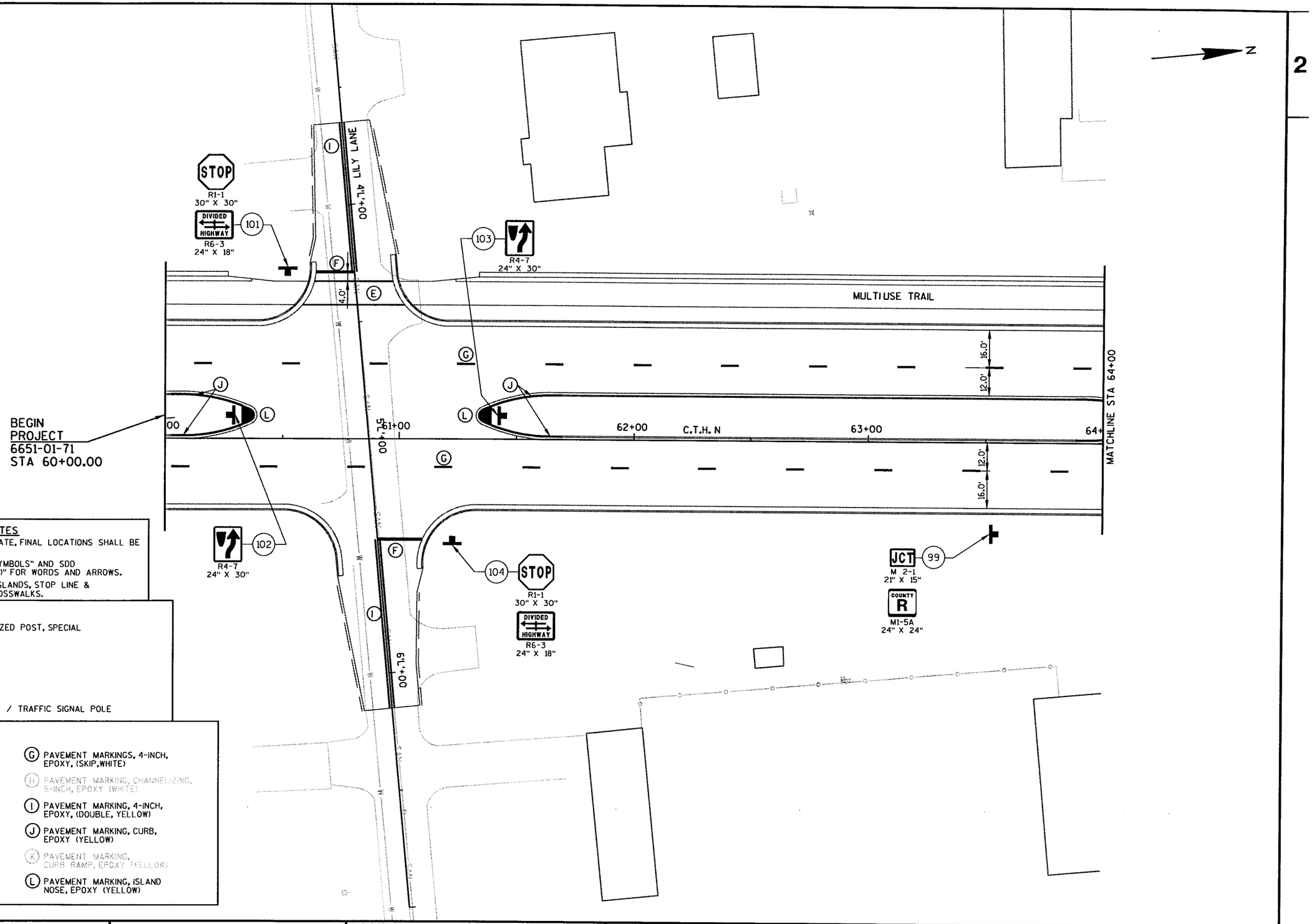
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	SEQUENCE OF OPERATIONS	SCALE, FEET 0 NTS	SHEET NO: 43	E

FILE NAME : e:\trans\widot\0223.00\cad\tscthn03.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:11 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,

2



SIGNING & MARKING GENERAL NOTES

SIGN LOCATIONS SHOWN ARE APPROXIMATE, FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD.

REFER TO SDD "PAVEMENT MARKING SYMBOLS" AND SDD "PAVEMENT MARKING (LEFT TURN LANE)" FOR WORDS AND ARROWS.

REFER TO SDD "PAVEMENT MARKING (ISLANDS, STOP LINE & CROSSWALK)" FOR STOP LINES AND CROSSWALKS.

SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP, WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)
- (L) PAVEMENT MARKING, ISLAND NOSE, EPOXY (YELLOW)

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 44	E

FILE NAME : e:\trans\widot\0223.00\cad\snchn01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 2:30:22 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

N

STOP
R1-1
30" X 30"

DIVIDED HIGHWAY
R6-3
24" X 18"

101

103
R4-7
24" X 30"

41L+00 LILY LANE

MULTIUSE TRAIL

16.0'
12.0'
12.0'

61+00

62+00 C.T.H. N

63+00

64+

MATCHLINE STA 64+00

BEGIN
PROJECT
6651-01-71
STA 60+00.00

61L+00

102
R4-7
24" X 30"

104 STOP
R1-1
30" X 30"

DIVIDED HIGHWAY
R6-3
24" X 18"

JCT 99
M 2-1
21" X 15"

COUNTY R
M1-5A
24" X 24"

SIGNING & MARKING GENERAL NOTES

SIGN LOCATIONS SHOWN ARE APPROXIMATE, FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD.

REFER TO SDD "PAVEMENT MARKING SYMBOLS" AND SDD "PAVEMENT MARKING (LEFT TURN LANE)" FOR WORDS AND ARROWS.

REFER TO SDD "PAVEMENT MARKING (ISLANDS, STOP LINE & CROSSWALK)" FOR STOP LINES AND CROSSWALKS.

SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

PAVEMENT MARKING LEGEND

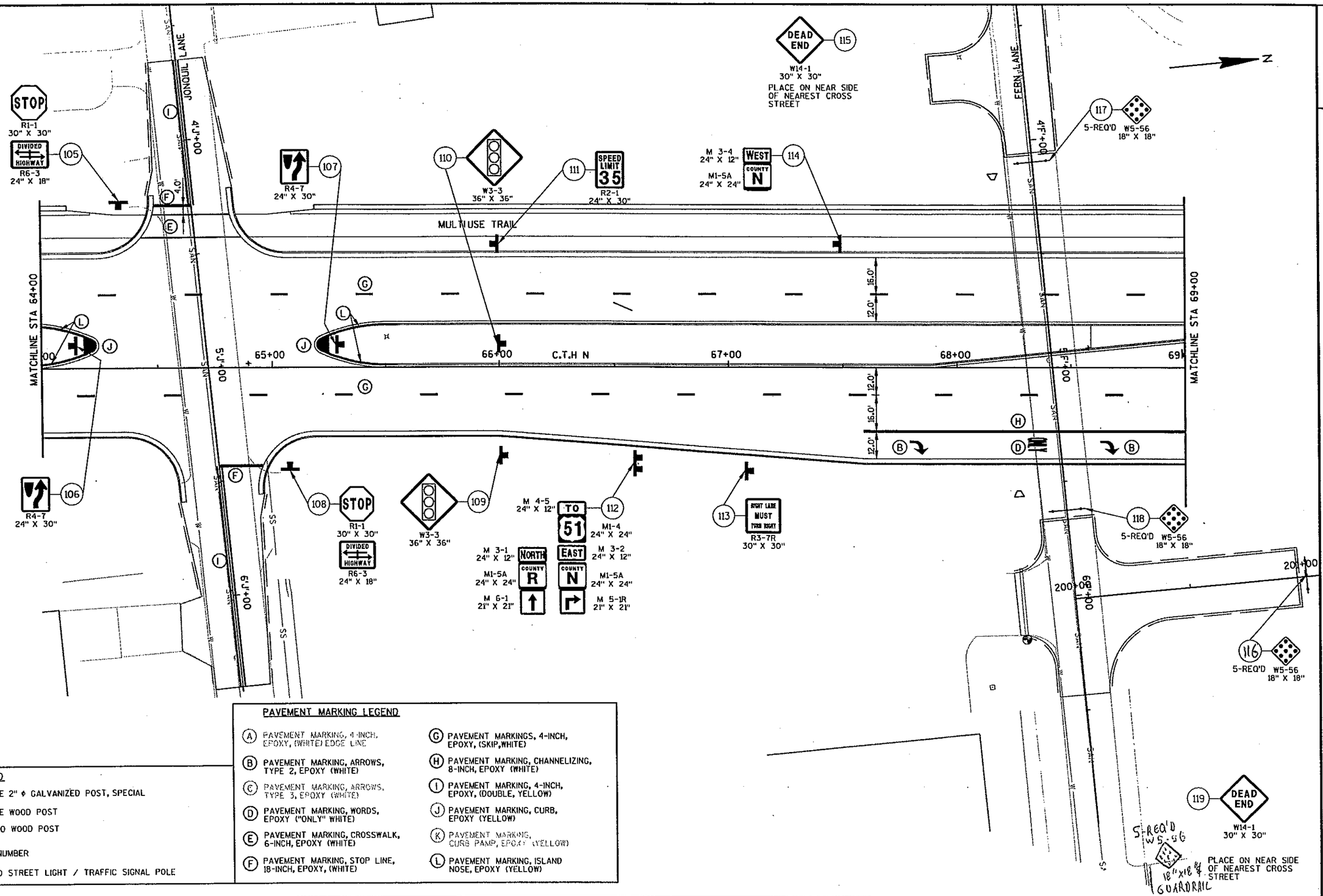
- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP, WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)
- (L) PAVEMENT MARKING, ISLAND NOSE, EPOXY (YELLOW)

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 44A	E

FILE NAME : e:\Trans\Widot\0223.00\CAD\SNCTHN01.dgn PLOT DATE: 5/7/2004 PLOT TIME: 3:45:05 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42



SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

PAVEMENT MARKING LEGEND

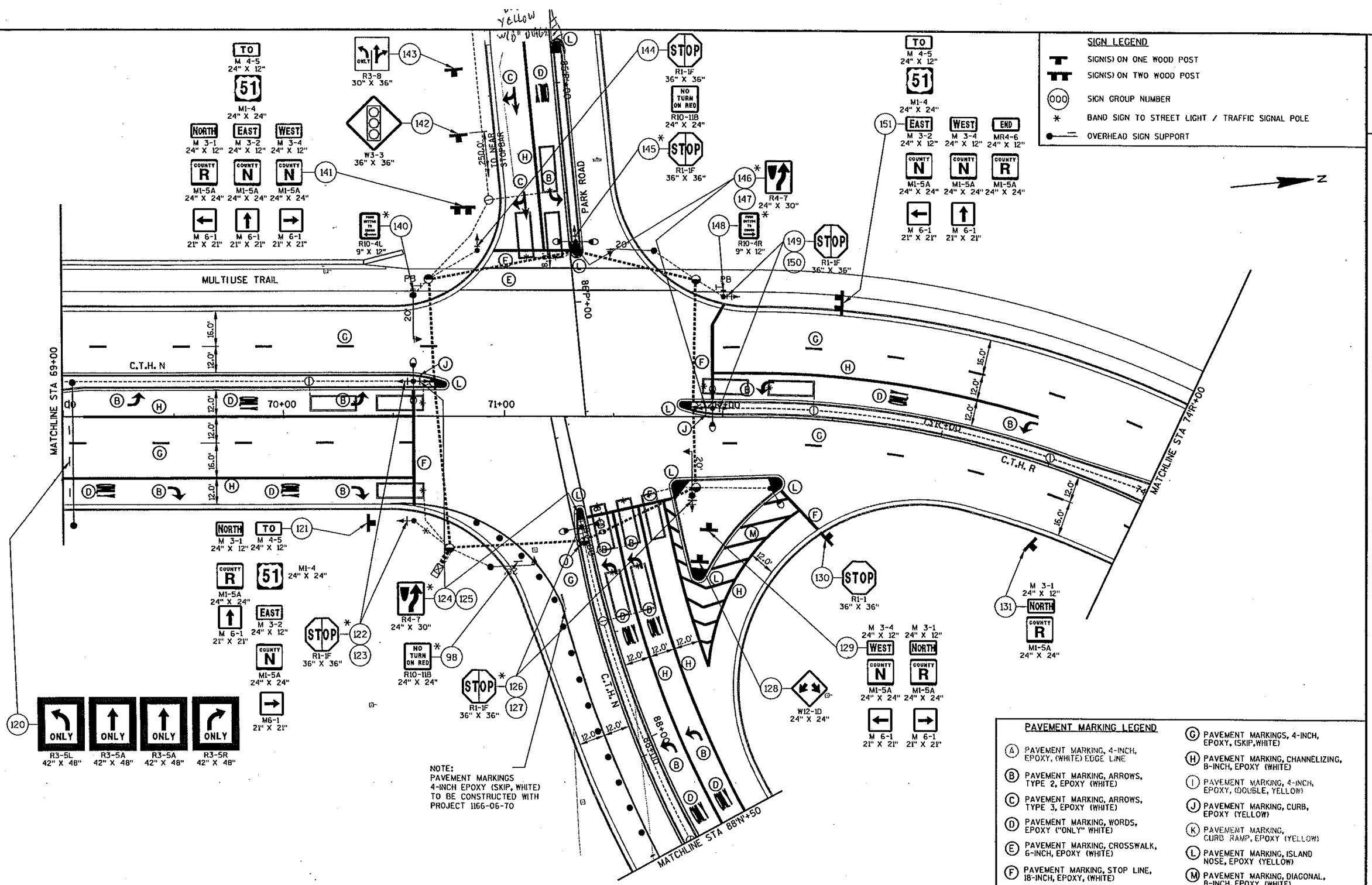
- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP,WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)
- (L) PAVEMENT MARKING, ISLAND NOSE, EPOXY (YELLOW)

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 45	E

FILE NAME : e:\trans\widot\0223.00\cad\snathn02.dgn PLOT DATE: 9/26/2003 PLOT TIME: 2:30:24 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 46	E

FILE NAME : e:\trans\widot\0223.00\cad\snctnh03.dgn PLOT DATE: 9/26/2003 PLOT TIME: 2:30:27 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

MATCHLINE STA 88'N+50

152 — R3-5L 42" X 48" ONLY | R3-5L 42" X 48" ONLY | R3-6R 42" X 48"

TO NEAR STOPBAR 250.0'

153 — W3-3 36" X 36"

NOTE:
PAVEMENT MARKINGS AND SIGNS IN "GREY" TO BE CONSRTUCTED WITH PROJECT 1166-06-70

154 — WEST M 3-4 24" X 12" | NORTH M 3-1 24" X 12" | COUNTY N M1-5A 24" X 24" | COUNTY R M1-5A 24" X 24" | M 5-1L 21" X 21" | M 5-1R 21" X 21"

TO NEAR STOPBAR 400.0'

178 — W3-3 36" X 36"

EXISTING PARK ROAD

EXISTING C.T.H. N

C.T.H. N 'B' LINE

Yellow skips

4" WHITE EDGELINE

4"yellow

STA 85+00 | 90+00 | 91+00 | 92+00 | 93+00 | 94+

12.0'

SAN

NWS

SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

PAVEMENT MARKING LEGEND

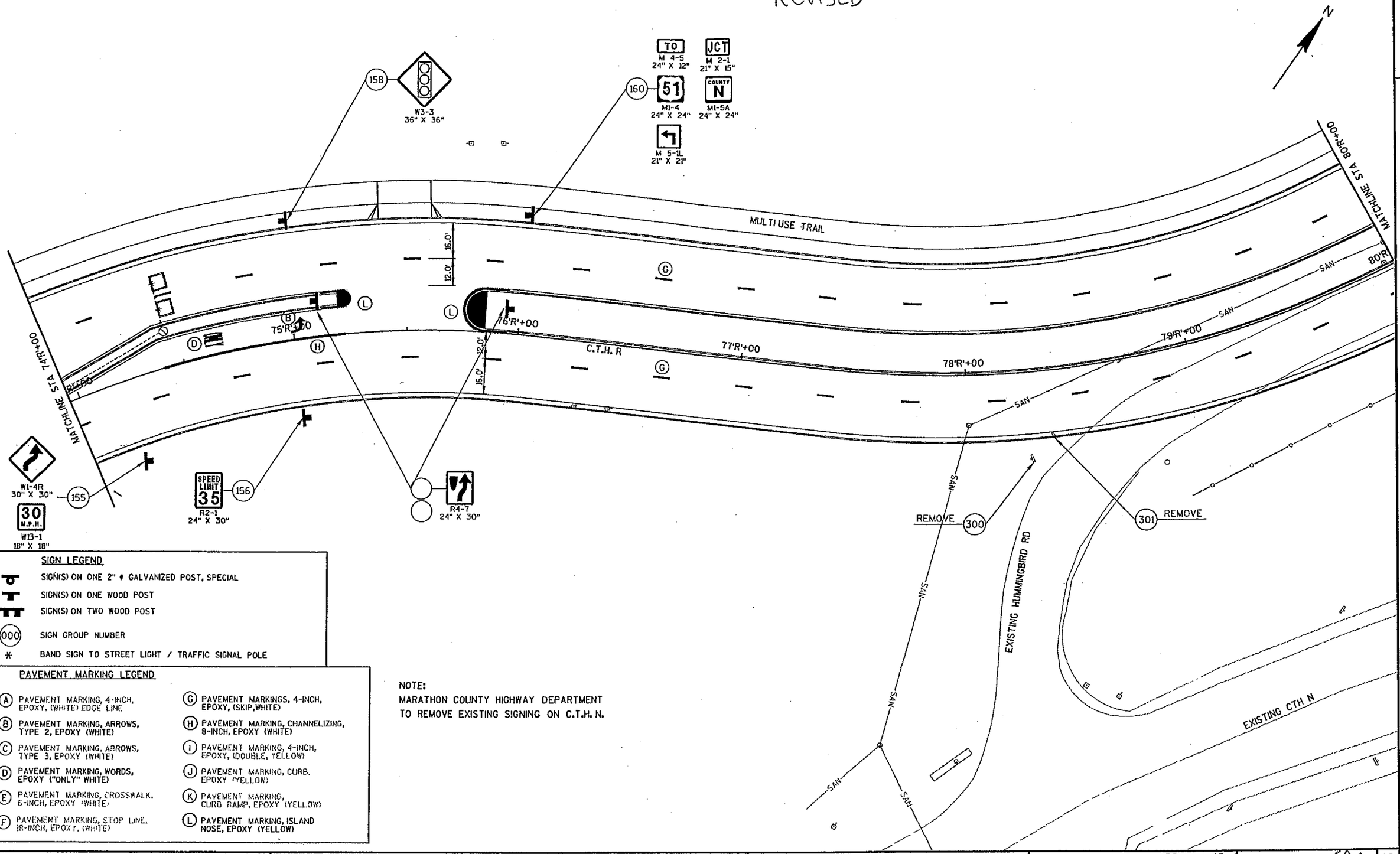
- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP,WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)
- (M) PAVEMENT MARKING, DIAGONAL 8-INCH EPOXY (WHITE)

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 47	E

FILE NAME : e:\trans\widot\0223.00\cad\snctthn03a.dgn PLOT DATE: 9/26/2003 PLOT TIME: 2:30:28 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

REVISED



SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP, WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)
- (L) PAVEMENT MARKING, ISLAND NOSE, EPOXY (YELLOW)

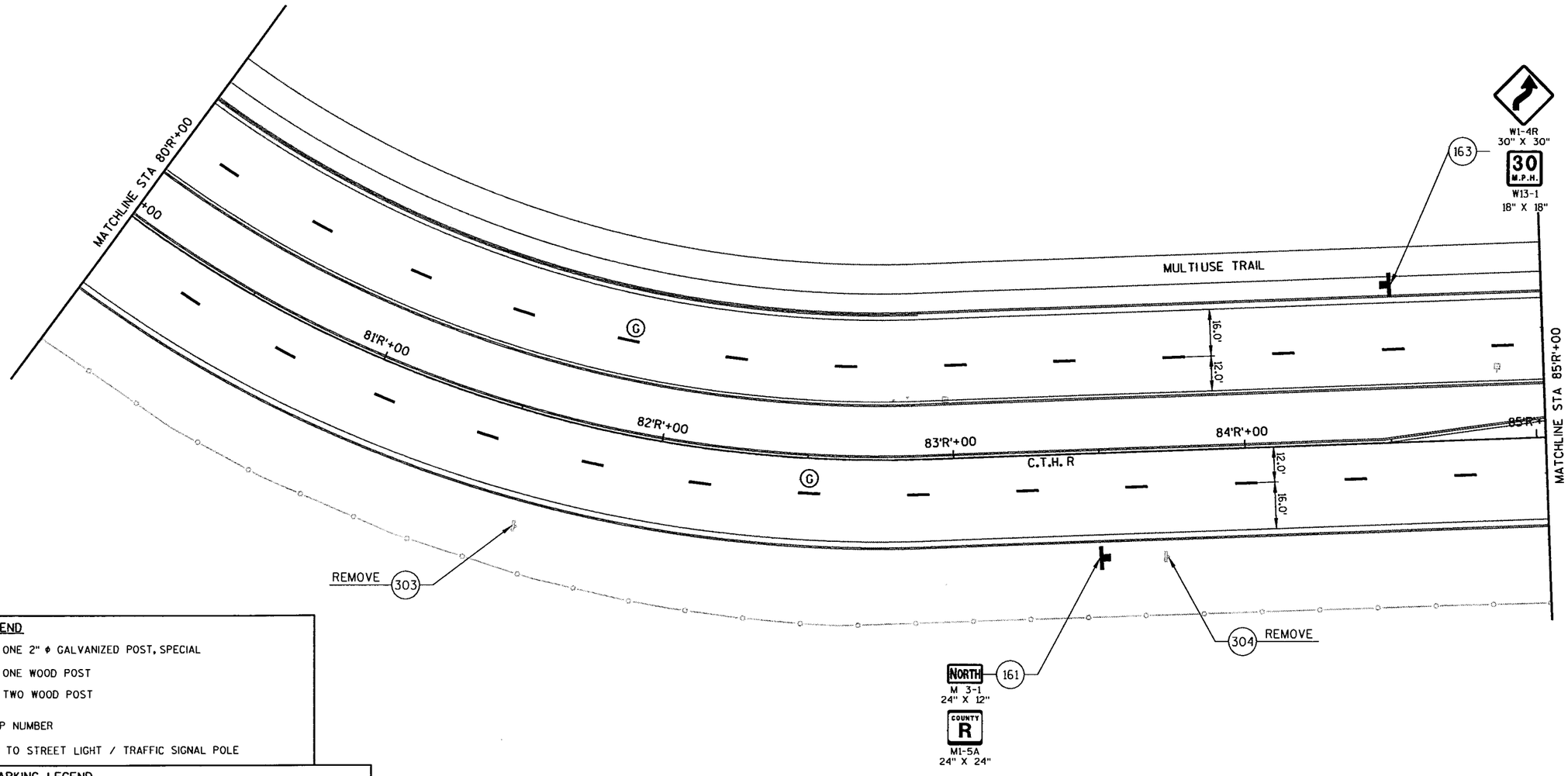
NOTE:
MARATHON COUNTY HIGHWAY DEPARTMENT
TO REMOVE EXISTING SIGNING ON C.T.H. N.

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 48A	E

FILE NAME : e:\Trans\Widot\0223.00\CAD\SNCTHN04.dgn PLOT DATE: 5/13/2004 PLOT TIME: 1:43:25 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



SIGN LEGEND

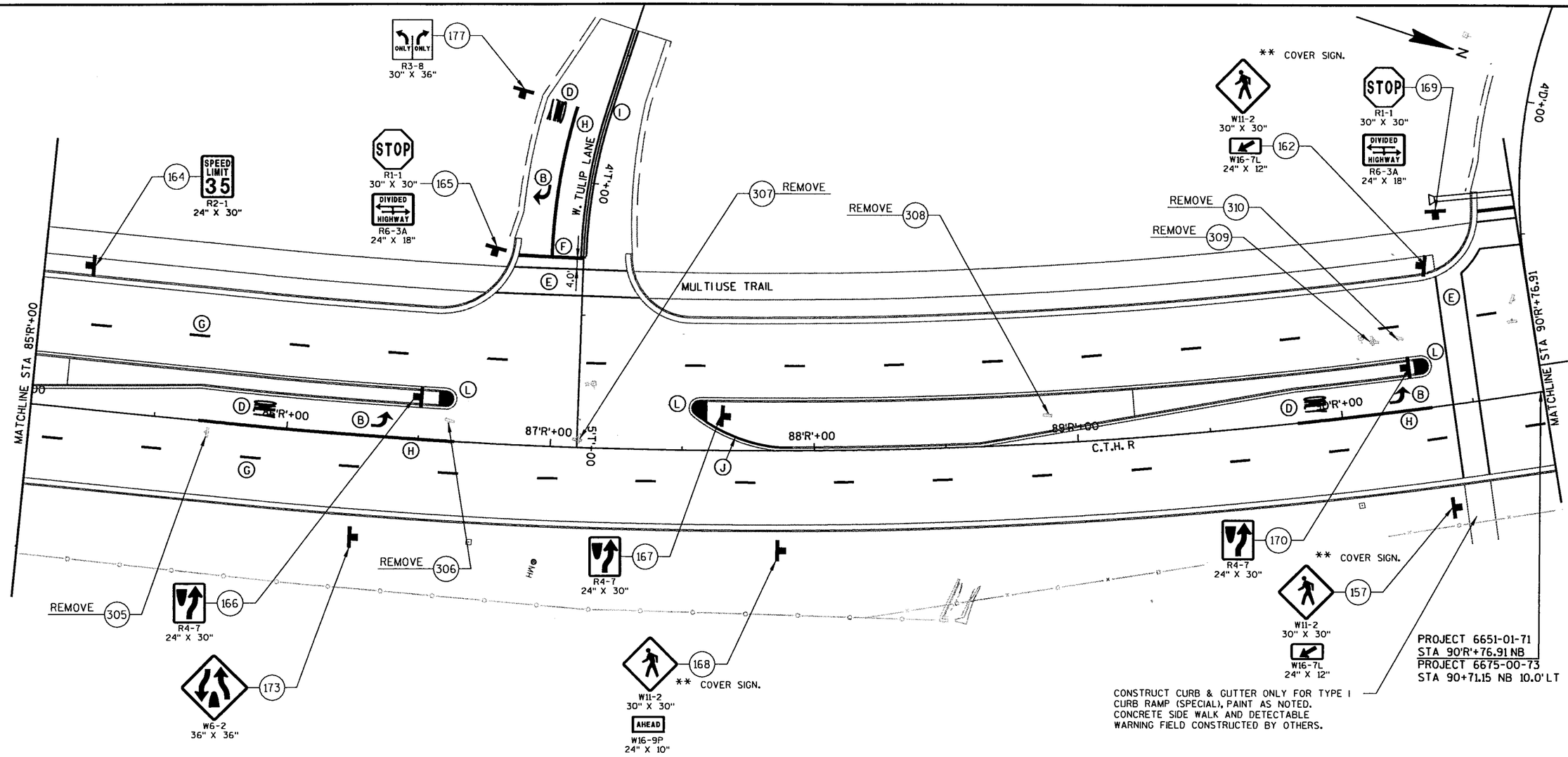
- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY "ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP,WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)
- (L) PAVEMENT MARKING, ISLAND NOSE, EPOXY (YELLOW)

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 49	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63



PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP,WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, [illegible] EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)
- (L) PAVEMENT MARKING, ISLAND NOSE, EPOXY (YELLOW)

SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

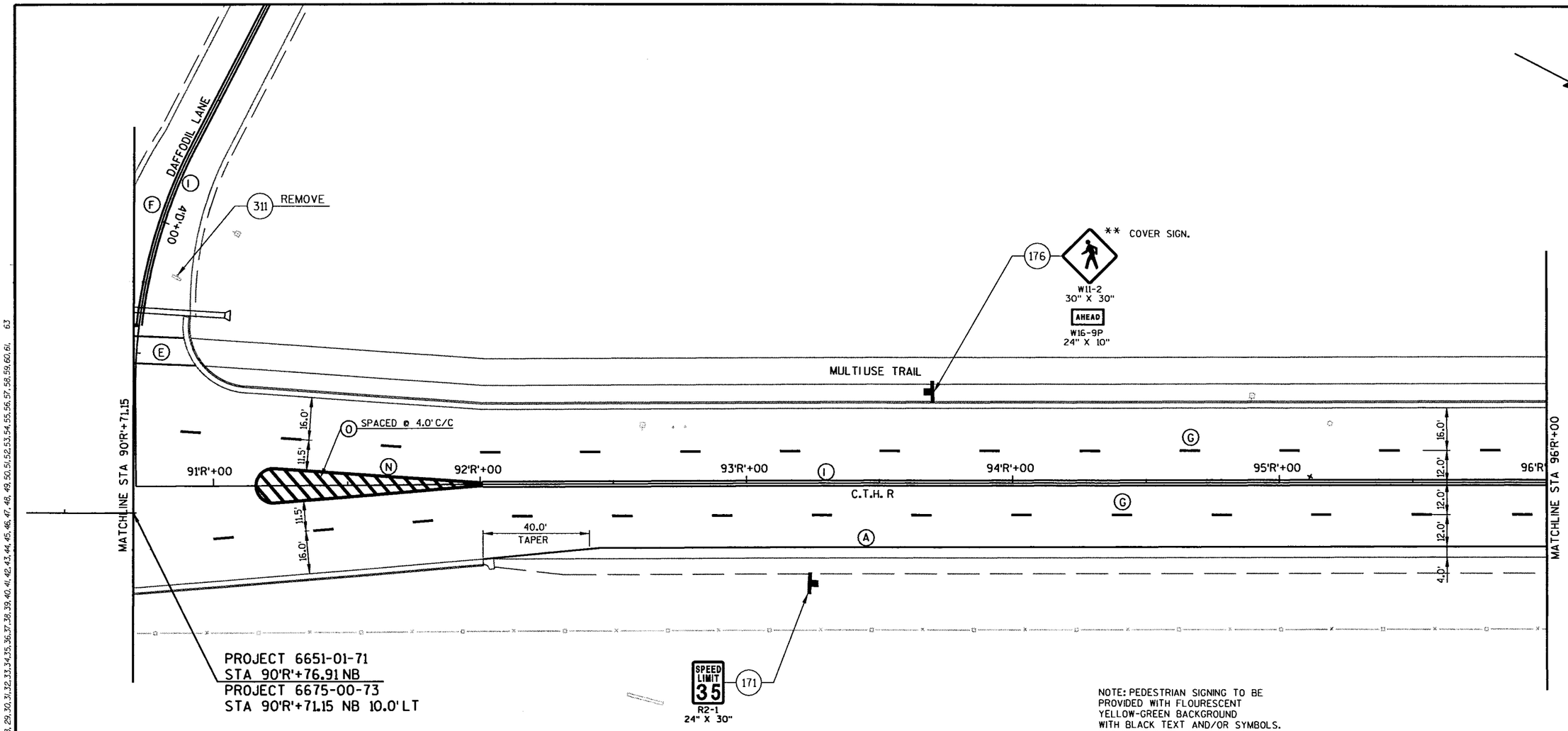
** COVER SIGN.

NOTE: PEDESTRIAN SIGNAGE TO BE PROVIDED WITH FLOURESCENT YELLOW GREEN BACKGROUND AND BLACK TEXT AND/OR SYMBOLS. SEE SIGN * 157, 162, AND 168 ABOVE.

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 5Ø	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\snctht06.dgn PLOT DATE: 9/26/2003 PLOT TIME: 2:30:35 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



NOTE: PEDESTRIAN SIGNING TO BE PROVIDED WITH FLOURESCENT YELLOW-GREEN BACKGROUND WITH BLACK TEXT AND/OR SYMBOLS. SEE SIGNS * 176 ABOVE.

PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY (ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP, WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)
- (L) PAVEMENT MARKING, ISLAND NOSE, EPOXY (YELLOW)
- (M) PAVEMENT MARKING, DIAGONAL, 8-INCH, EPOXY (WHITE)
- (N) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (YELLOW)
- (O) PAVEMENT MARKING, DIAGONAL, 8-INCH, EPOXY (YELLOW)

SIGN LEGEND

- P — SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- PT — SIGN(S) ON ONE WOOD POST
- PTT — SIGN(S) ON TWO WOOD POST
- (000) — SIGN GROUP NUMBER
- * — BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

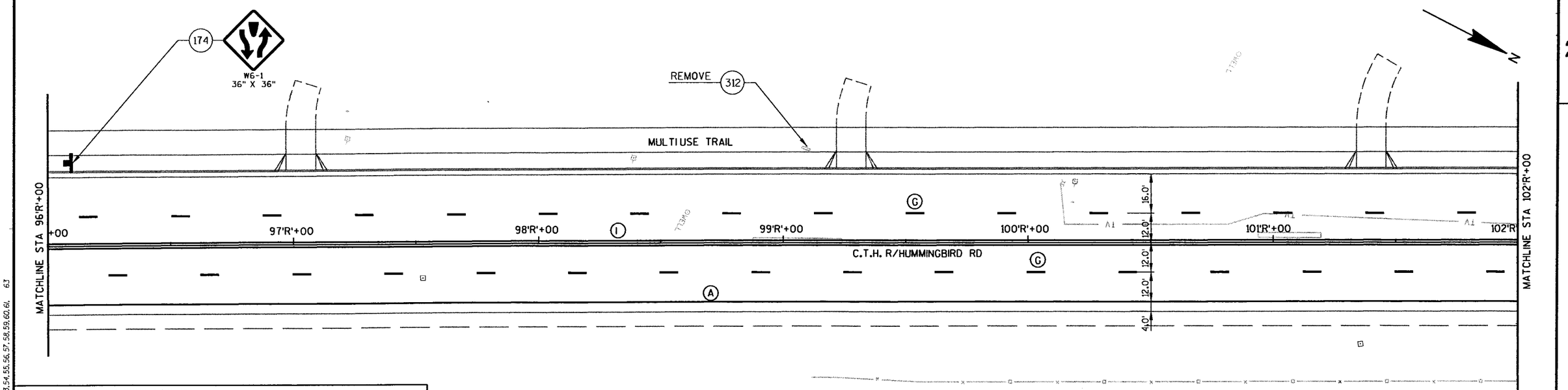
** COVER SIGN.

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 51	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\snchn07.dgn PLOT DATE: 9/26/2003 PLOT TIME: 2:30:37 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

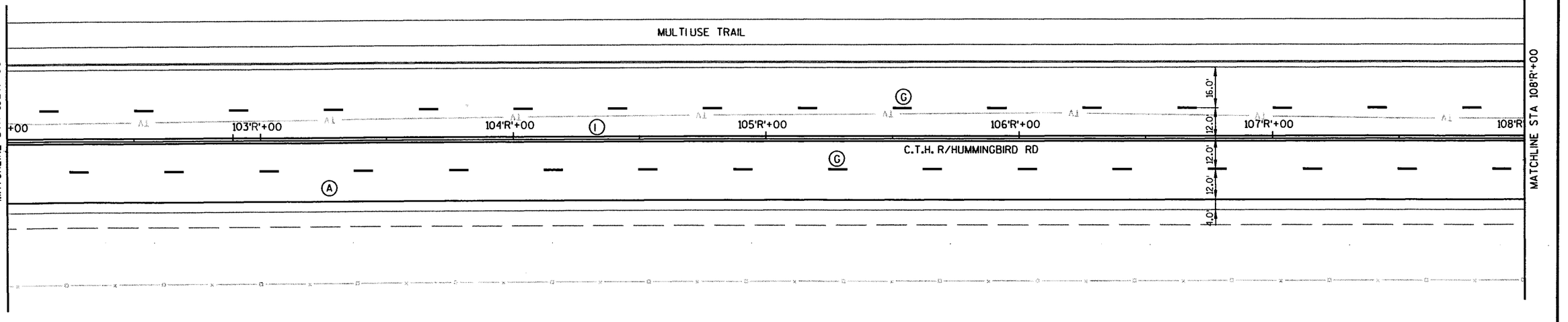


PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP, WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)

SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

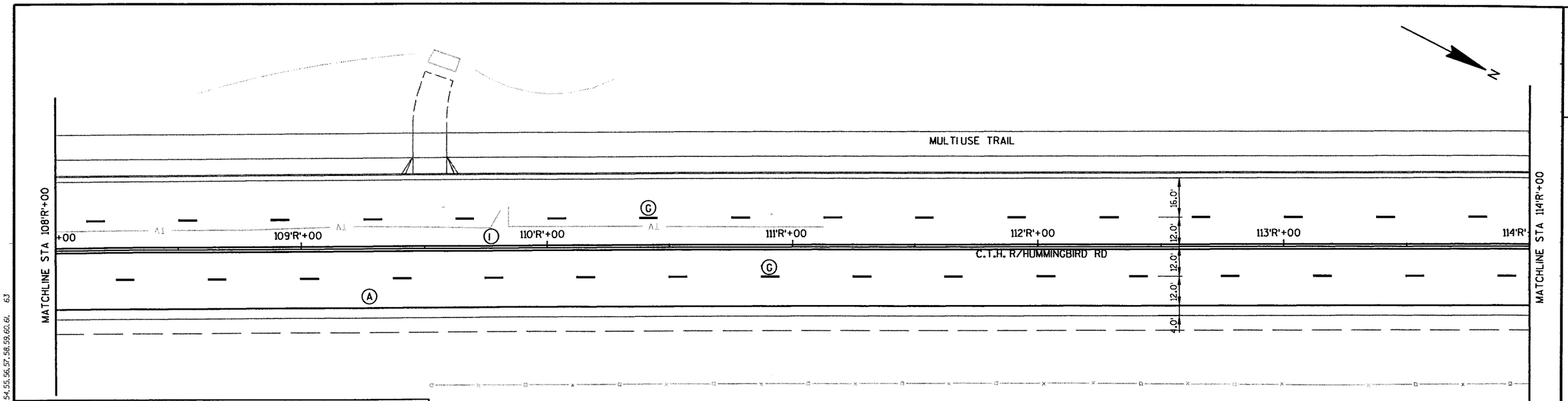


STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 52	E

FILE NAME : e:\trans\widot\0223.00\cad\snchn08.dgn PLOT DATE: 9/26/2003 PLOT TIME: 2:30:39 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

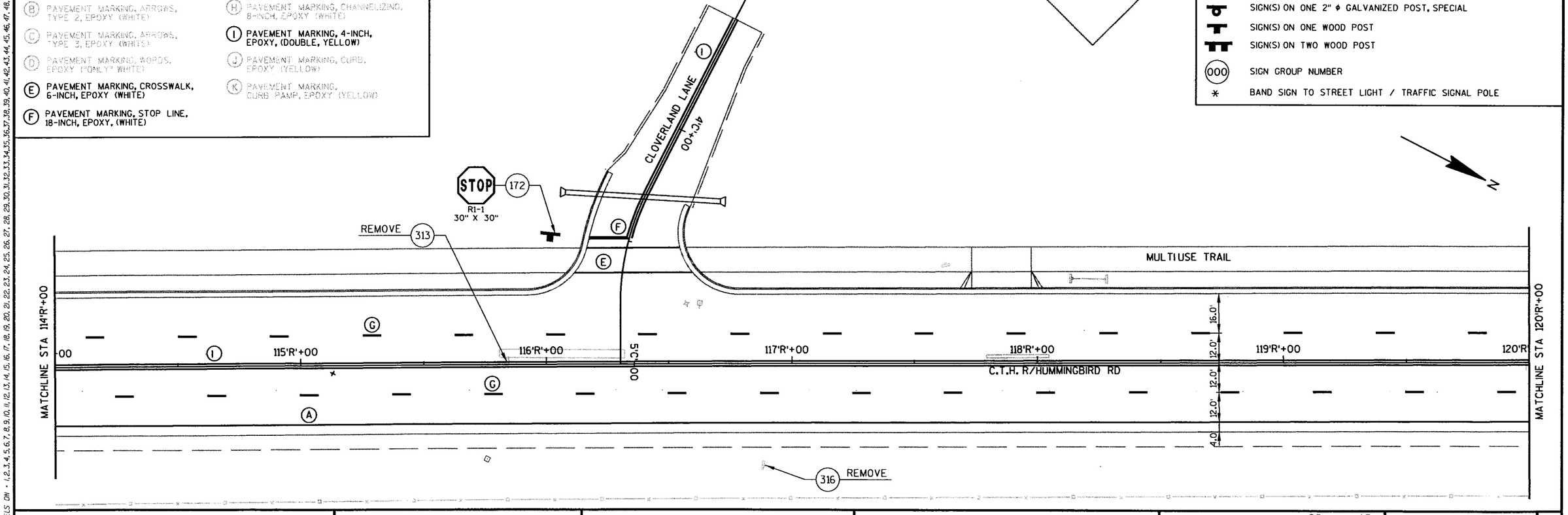


PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY "ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP,WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)

SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE



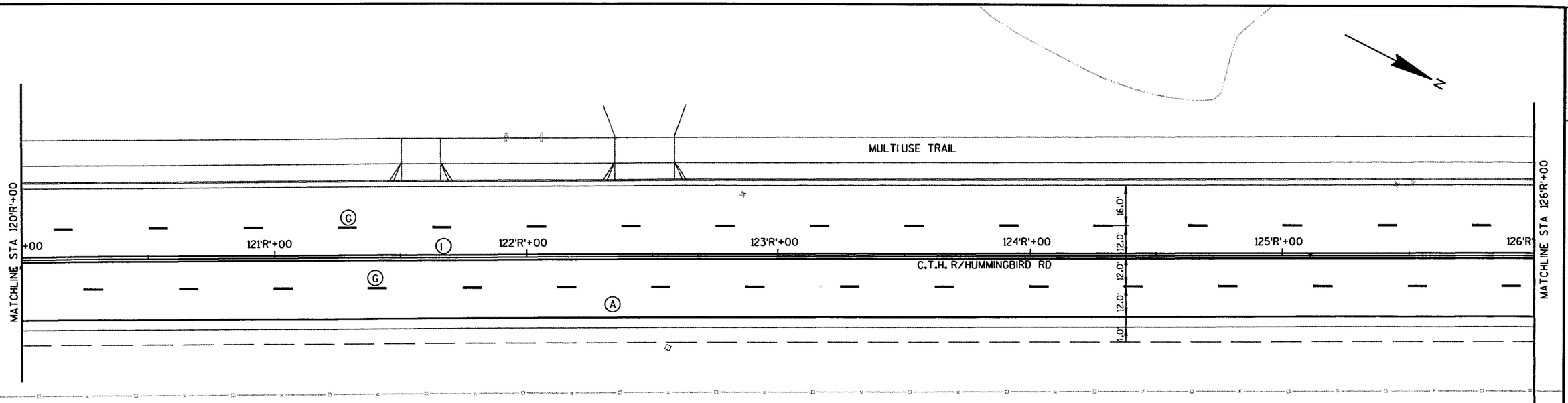
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 53	E

FILE NAME : e:\trans\widot\0223.00\cad\sncthn09.dgn PLOT DATE: 9/26/2003 PLOT TIME: 2:30:41 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

2

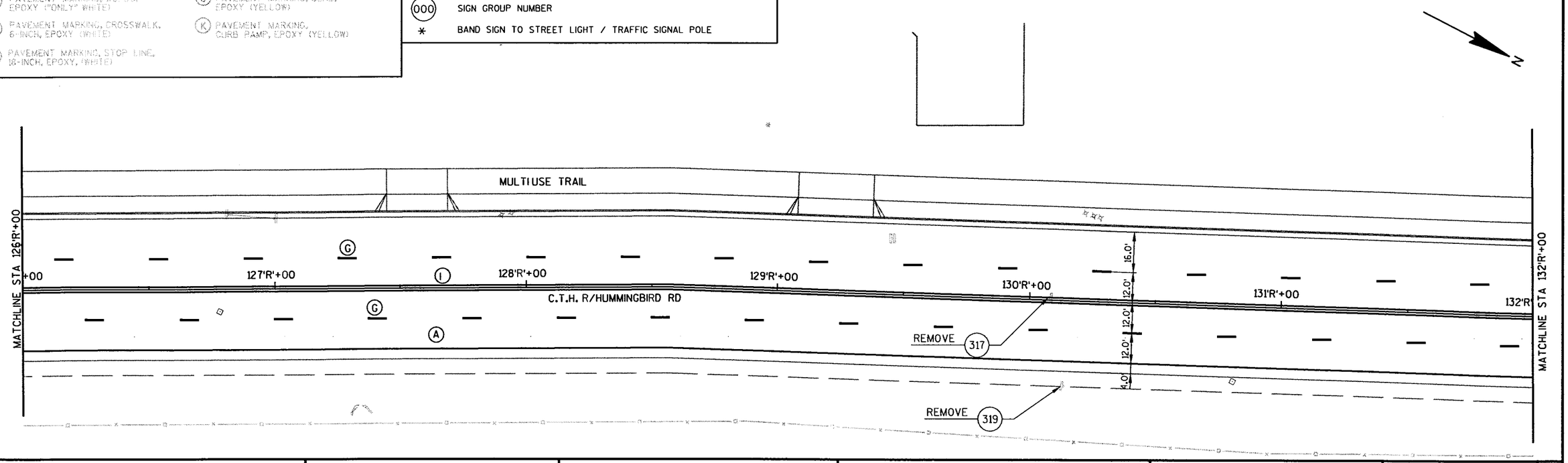


PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP,WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 6-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)

SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE

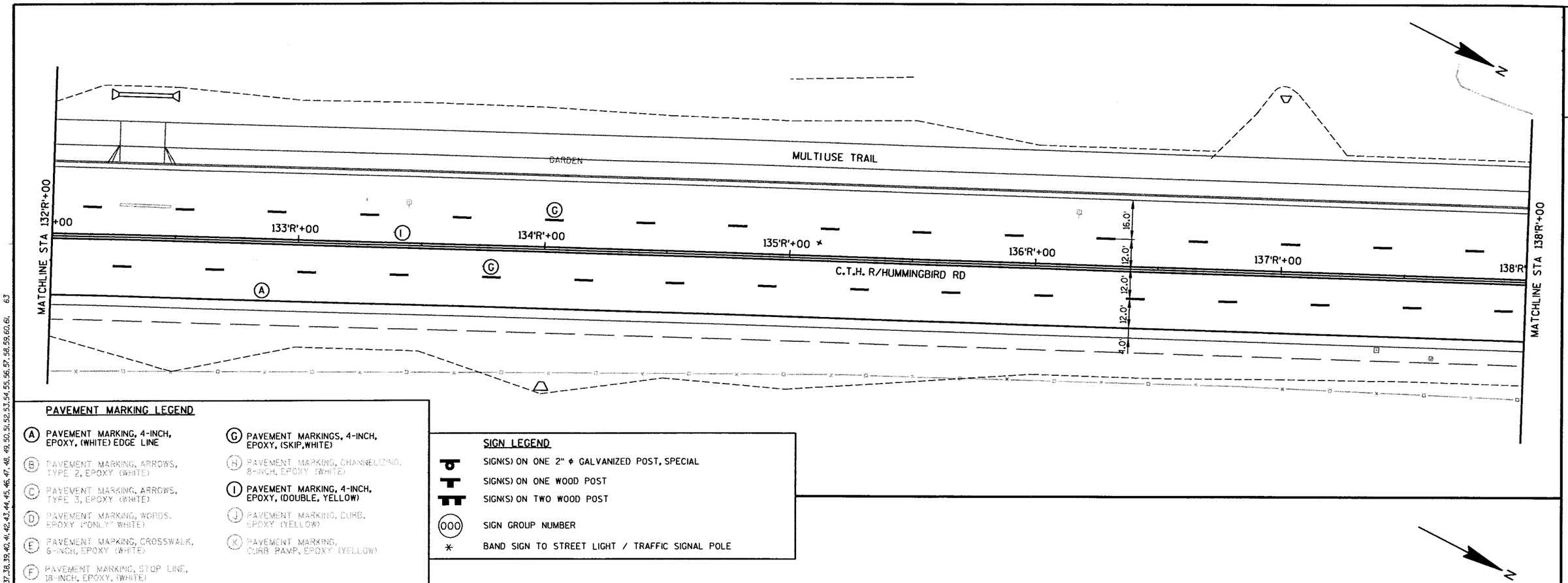


STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 54	E

FILE NAME : e:\trans\widot\0223.00\cad\snethn10.dgn PLOT DATE: 9/26/2003 PLOT TIME: 2:30:43 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

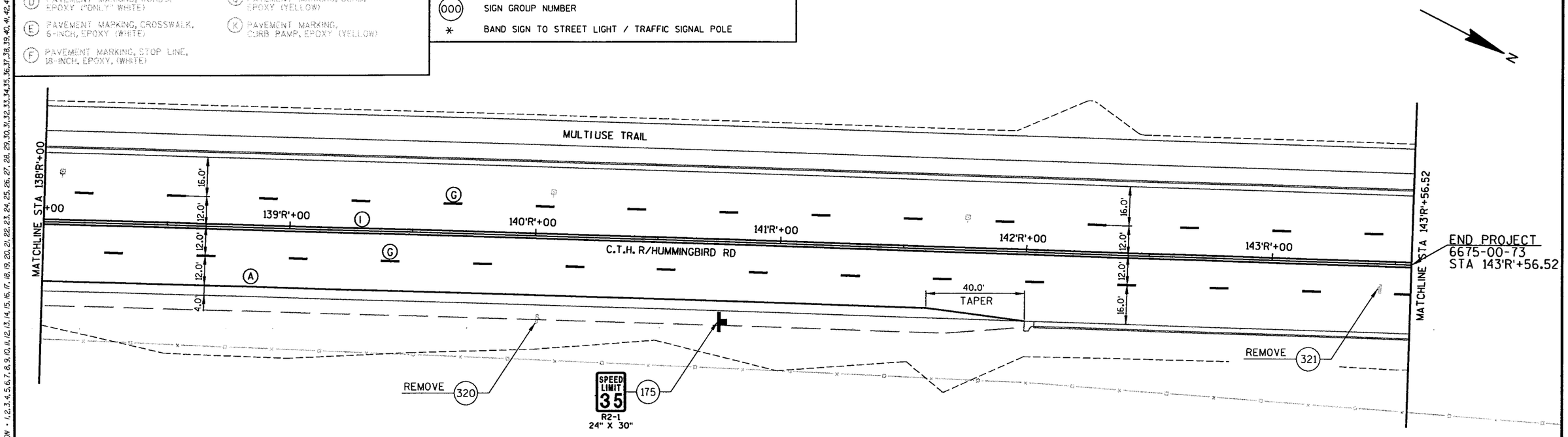


PAVEMENT MARKING LEGEND

- (A) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE) EDGE LINE
- (B) PAVEMENT MARKING, ARROWS, TYPE 2, EPOXY (WHITE)
- (C) PAVEMENT MARKING, ARROWS, TYPE 3, EPOXY (WHITE)
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) PAVEMENT MARKINGS, 4-INCH, EPOXY, (SKIP,WHITE)
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- (K) PAVEMENT MARKING, CURB RAMP, EPOXY (YELLOW)

SIGN LEGEND

- SIGN(S) ON ONE 2" ϕ GALVANIZED POST, SPECIAL
- SIGN(S) ON ONE WOOD POST
- SIGN(S) ON TWO WOOD POST
- (000) SIGN GROUP NUMBER
- * BAND SIGN TO STREET LIGHT / TRAFFIC SIGNAL POLE



STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	SIGNING AND PAVEMENT MARKING	SCALE, FEET 0 20 40	SHEET NO: 55	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

GENERAL TRAFFIC CONTROL NOTES:

ALL TRAFFIC CONTROL DRUMS SHALL BE SPACED AT 25'INTERVALS UNLESS OTHERWISE NOTED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE "WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (WMUTCD), A SUPPLEMENT TO THE FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

THE EXACT NUMBER, LOCATION AND SPACING OF ALL TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE CONTACTOR SHALL PROVIDE AND MAINTAIN AT LEAST ONE ACCESS TO BUSINESSES ALONG THE PROJECT AT ALL TIMES.

THE CONTRACTOR SHALL SCHEDULE AND CONDUCT HIS CONSTRUCTION OPERATIONS IN SUCH A MANNER SO AS NOT TO DENY ACCESS TO RESIDENTIAL DRIVEWAYS FOR A PERIOD LONGER THAN 30 CALENDAR DAYS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

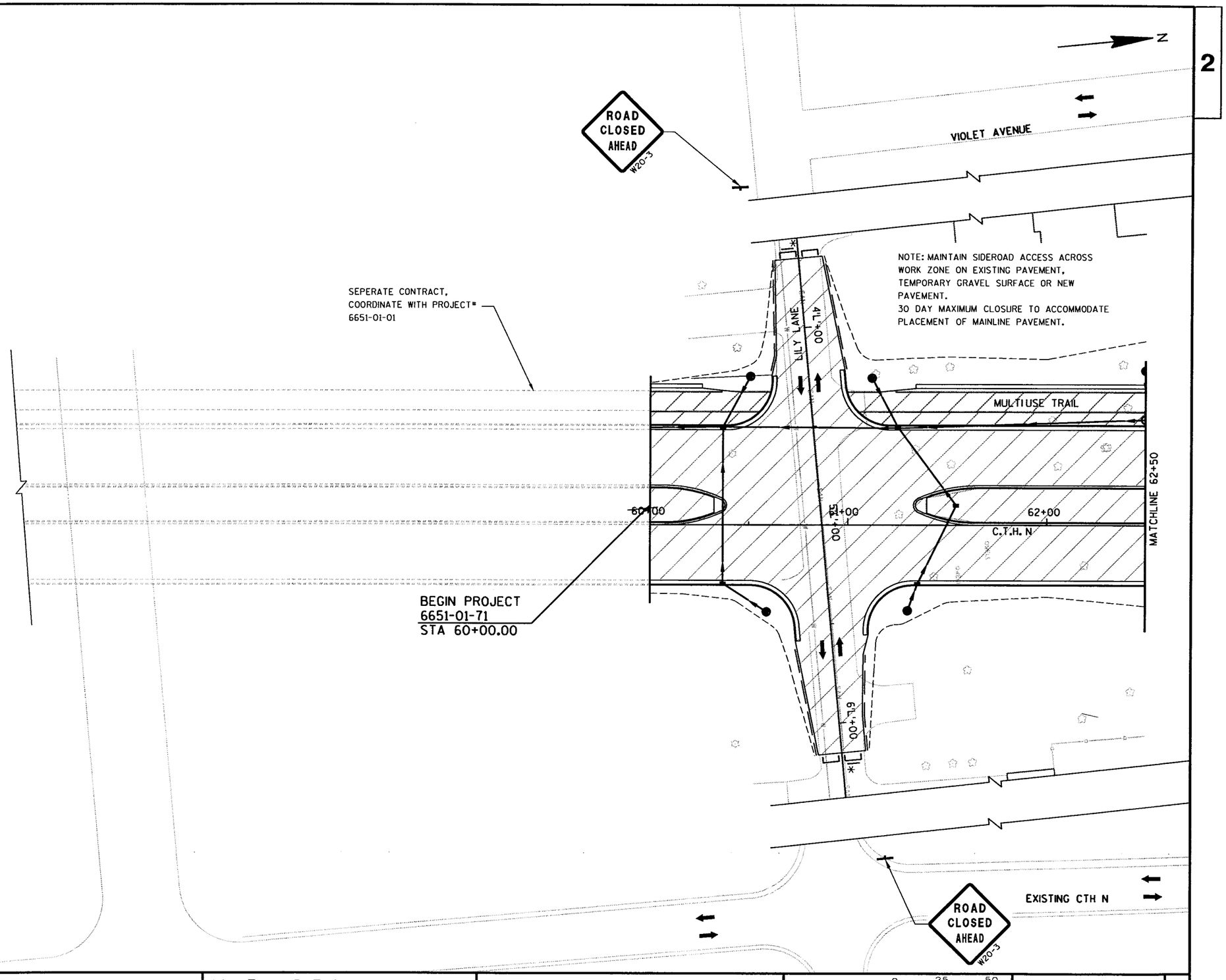
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

TWO CONSECUTIVE INTERSECTIONS SHALL NOT BE CLOSED AT ONE TIME DURING ANY OF THE STAGES. REFER TO DETAIL 1 AND DETAIL 2 OF THE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURES" FOR SIGNING REQUIREMENTS.



LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 56	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

FILE NAME : e:\trans\widot\0223.00\cad\tcctnn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:18 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

N

ROAD WORK AHEAD
W20-1

ROAD CLOSED
R11-2
48" X 30"

VIOLET AVENUE

NOTE: MAINTAIN SIDEROAD ACCESS ACROSS WORK ZONE ON EXISTING PAVEMENT, TEMPORARY GRAVEL SURFACE OR NEW PAVEMENT.
30 DAY MAXIMUM CLOSURE TO ACCOMMODATE PLACEMENT OF MAINLINE PAVEMENT.

JONQUIL LANE
4+00

FERN LANE
4+00

MULTI USE TRAIL

MATCHLINE 62+50

63+00 64+00 65+00 66+00 67+00 68+00 69+00 70+

MATCHLINE 70+00

5+00

C.T.H N

ROAD CLOSED
R11-2
48" X 30"

6+00

6+00

ROAD CLOSED
R11-2
48" X 30"

EXISTING CTH N

ROAD WORK AHEAD
W20-1

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 57	E

2

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

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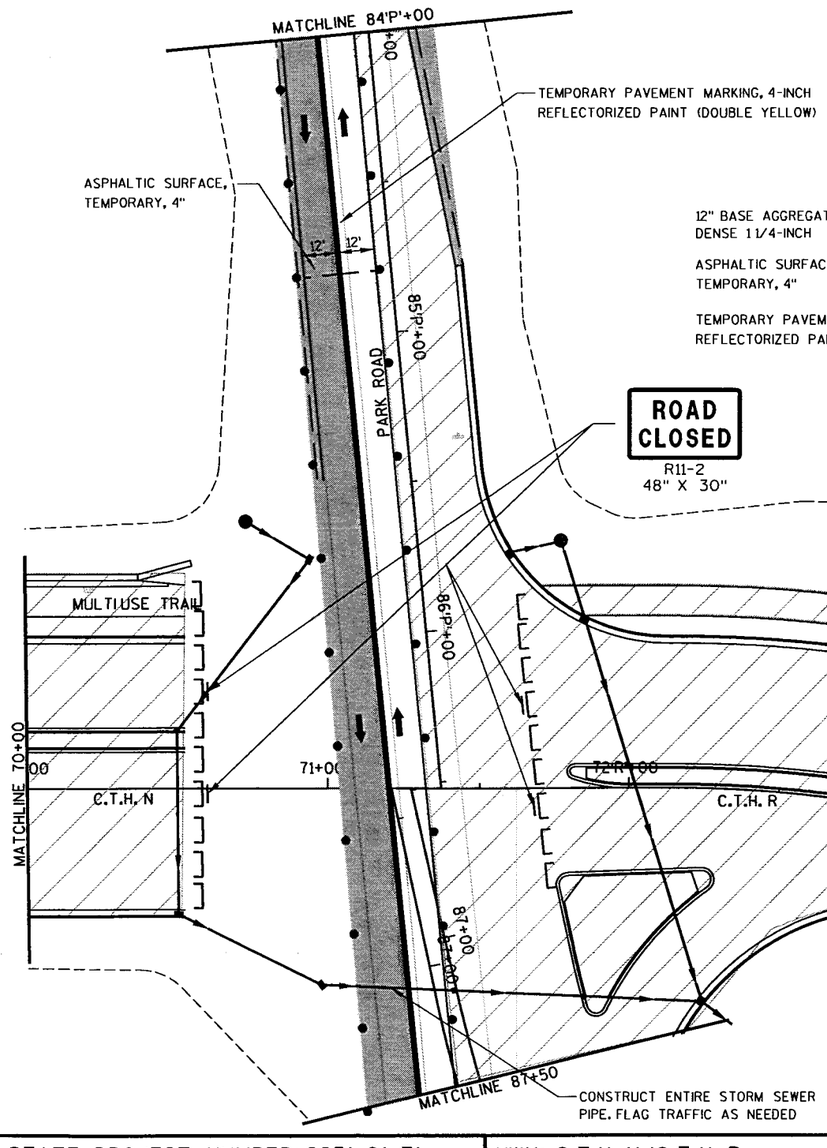
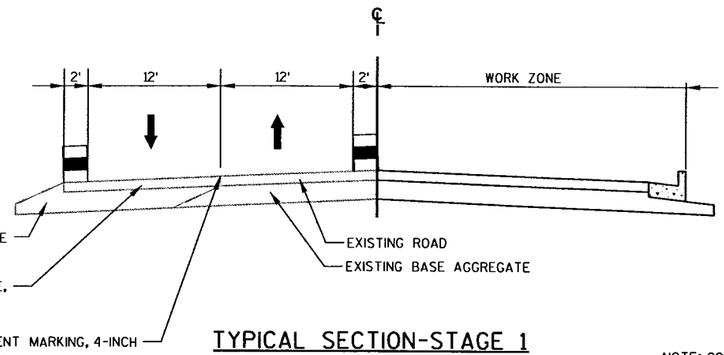


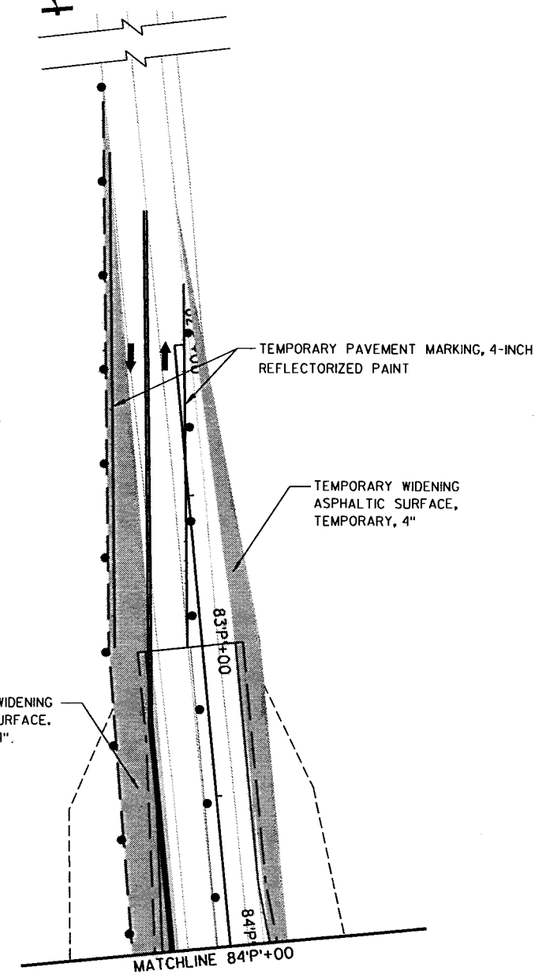


TYPICAL SECTION-STAGE 1

STA 83'P'+00 TO EXISTING RIB MOUNTAIN DRIVE (PARK ROAD)

N

NOTE: COMMON EXCAVATION FOR WIDENING IS CONSIDERED INCIDENTAL TO GRADING AND SHAPING FOR ASPHALTIC PAVING.



LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 58	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\tccthn03.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:23 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

MATCHLINE 87+50

TEMPORARY PAVEMENT MARKING, 4-INCH REFLECTORIZED PAINT (DOUBLE YELLOW)

TEMPORARY WIDENING ASPHALTIC SURFACE, TEMPORARY, 4"

TEMPORARY WIDENING FOR STAGE 2 TRAFFIC

STOP
R1-1
30" X 30"

PARK ROAD

88+00
88+00
89+00
89+00
90+00
90+00
C.T.H. N
91+00
91+00
92+00
93+00
94+00
95+
75+00
76+00
77+00
78+00

REMOVE ISLAND
PAVE WITH ASPHALT

RIB MOUNTAIN DRIVE

ROAD CLOSED
R11-2
48" X 30"

ROAD CLOSED
R11-2
48" X 30"

HUMMINGBIRD ROAD

ASSOCIATED ORTHODONTISTS
#5305

HSE #408

N

2

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 59	E

FILE NAME : e:\trans\widot\0223.00\cad\tccthn03a.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:29 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

N

MATCHLINE 82'R'+00

MULTIUSE TRAIL

MATCHLINE 75'R'+00

75'R'+00

76'R'+00

77'R'+00

78'R'+00

79'R'+00

80'R'+00

81'R'+00

82'R'+00

C.T.H. R

EXISTING HUMMINGBIRD ROAD

NOTE:
CONSTRUCTION STORM SEWER PIPE P-41 TO LIMITS OF STAGE 1 AND TEMPORARY CAP. FINISH P41, INL-11A AND P-40 IN STAGE 2.

NOTE:
CONSTRUCT ENTIRE STORM SEWER SYSTEM IN THIS STAGE.

ROAD CLOSED
R11-2
48" X 30"

EXISTING C.T.H. N

SAN

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 60	E

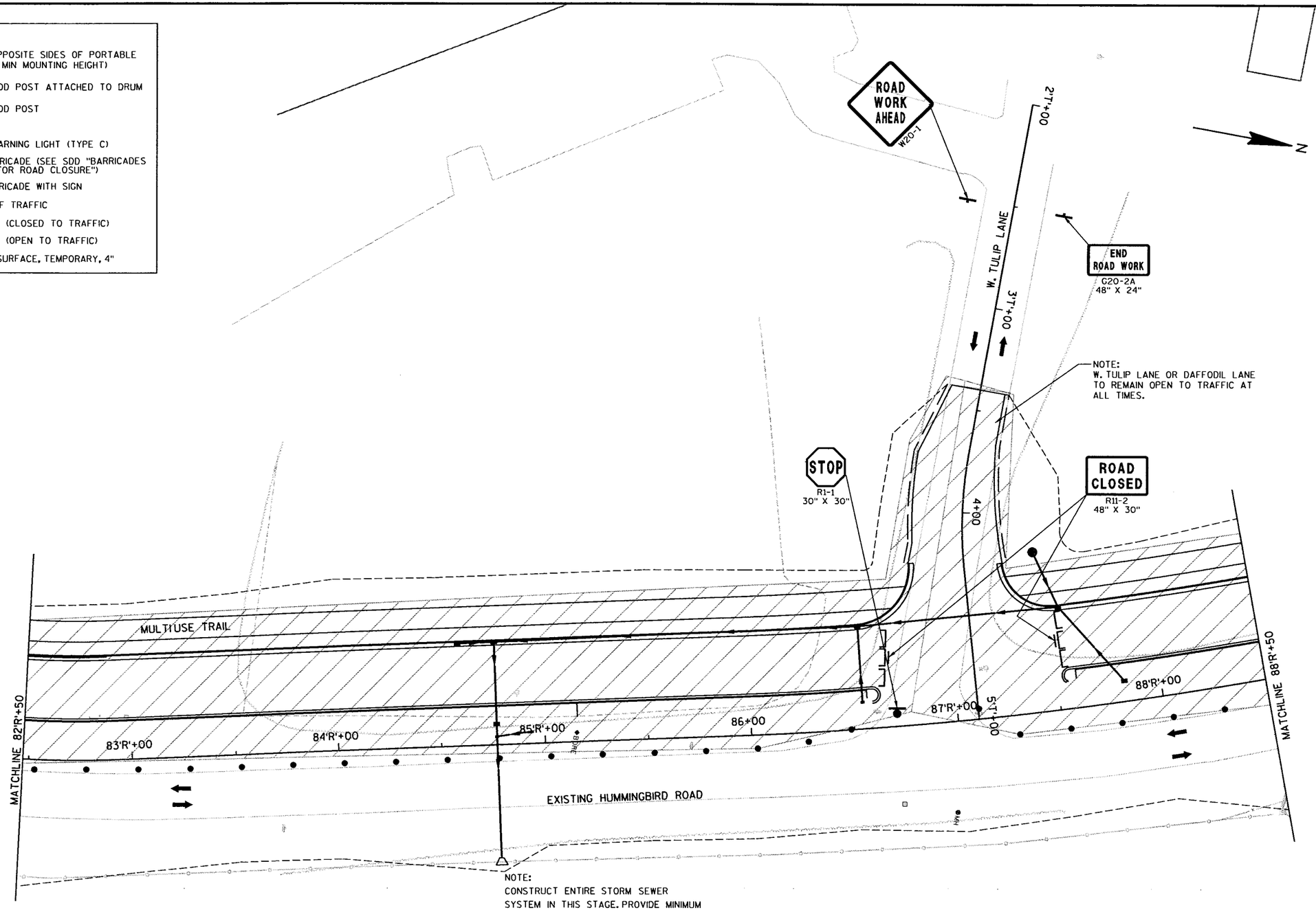
LEVELS ON : 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\tcthn04.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:33 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 61	E

FILE NAME : e:\trans\widot\0223.00\cad\tcctnn05.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:35 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

N

ROBERT RAUSCH HSE #1505

ROAD WORK AHEAD W20-1

DAFFODIL LANE

NOTE:
W. TULIP LANE OR DAFFODIL LANE TO REMAIN OPEN TO TRAFFIC AT ALL TIMES.

NOTE:
CONSTRUCT ENTIRE STORM SEWER SYSTEM IN THIS STAGE. PROVIDE MINIMUM 1.0' COVER AND PAVE WITH 3" TEMPORARY ASPHALT SURFACE. FLAG TRAFFIC AS NEEDED.

END ROAD WORK G20-2A 48" X 24"

ROAD CLOSED R11-2 48" X 30"

NOTE:
CONSTRUCT STORM SEWER PIPE P-50 AND P-49 IN STAGE 1. PROVIDE MINIMUM 1.0' COVER AND PAVE WITH 3" TEMPORARY ASPHALTIC SURFACE, FLAG TRAFFIC AS NEEDED. FINISH INL 14-A, P-50A, AND INL-14C IN STAGE 2.

STOP R1-1 30" X 30"

40+00

50+00

MULTIUSE TRAIL

MATCHLINE 88'R'+50

89'R'+00

90'R'+00

91'R'+00

92'R'+00

93'R'+00

94'R'+00

95'R'+00

96'R'+00

MATCHLINE 96'R'+00

EXISTING HUMMINGBIRD ROAD

NOTE:
CONSTRUCT STORM SEWER PIPE P-52 TO LIMITS OF STAGE 1 AND TEMPORARY CAP. FINISH P-52, INL-15C, AND P52A IN STAGE 2.

NOTE:
CONSTRUCT ENTIRE STORM SEWER SYSTEM IN THIS STAGE. PROVIDE MINIMUM 1.0' COVER AND PAVE WITH 3" TEMPORARY ASPHALT SURFACE. FLAG TRAFFIC AS NEEDED.

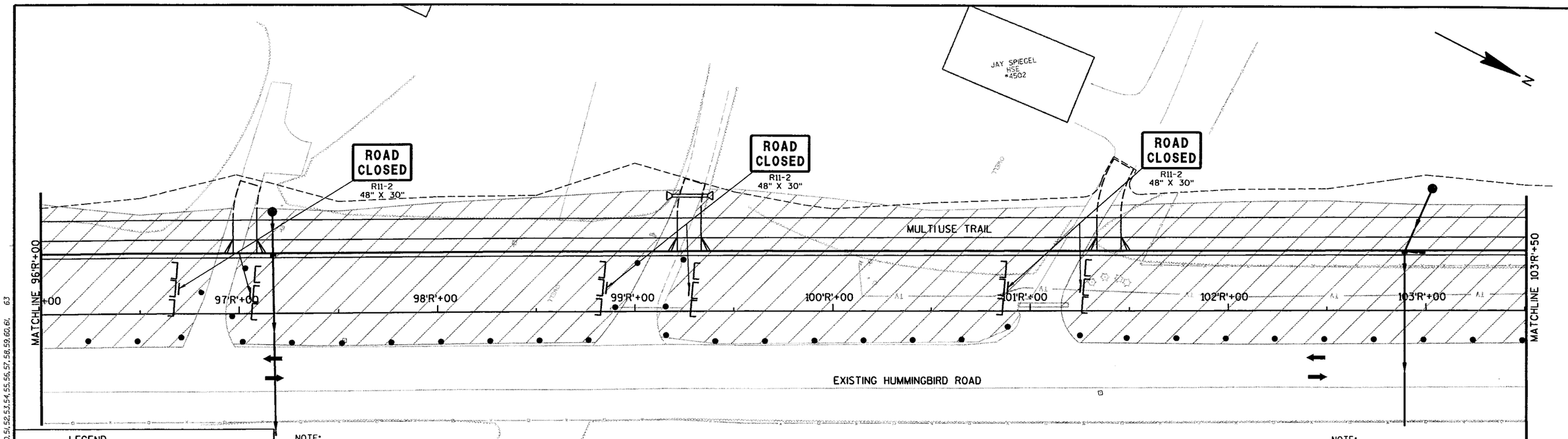
PROJECT 6651-01-71
STA 90'R'+76.91 NB=
PROJECT 6675-00-73
STA 90'R'+71.15 NB 10.0' LT

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 62	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\tccthn06.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:39 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

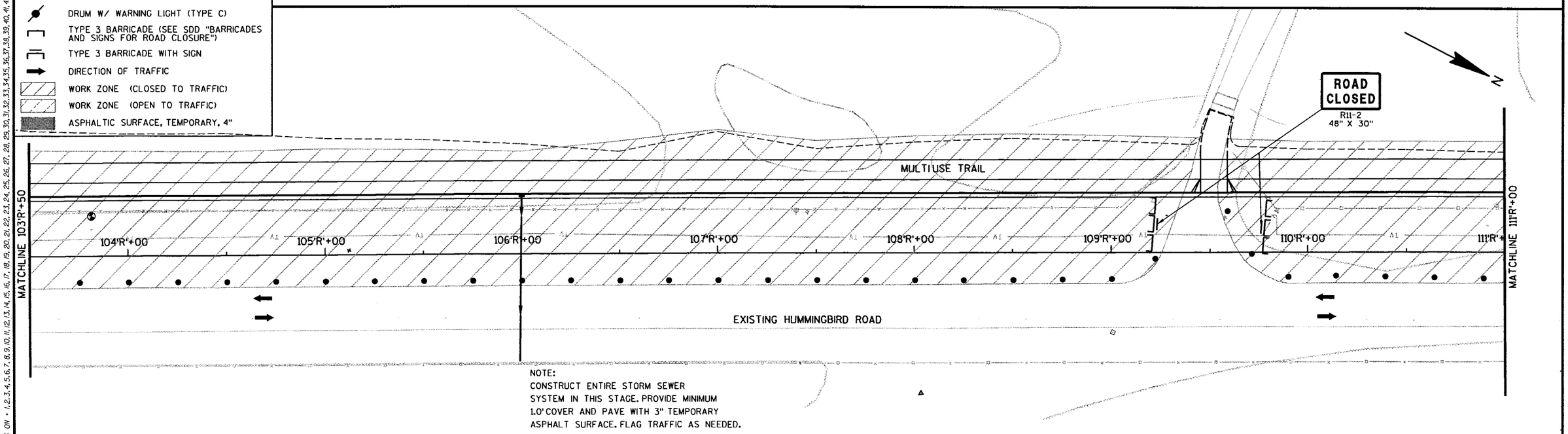


NOTE:
CONSTRUCT ENTIRE STORM SEWER SYSTEM IN THIS STAGE. PROVIDE MINIMUM 1.0' COVER AND PAVE WITH 3" TEMPORARY ASPHALT SURFACE. FLAG TRAFFIC AS NEEDED.

NOTE:
CONSTRUCT ENTIRE STORM SEWER SYSTEM IN THIS STAGE. PROVIDE MINIMUM 1.0' COVER AND PAVE WITH 3" TEMPORARY ASPHALT SURFACE. FLAG TRAFFIC AS NEEDED.

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"



NOTE:
CONSTRUCT ENTIRE STORM SEWER SYSTEM IN THIS STAGE. PROVIDE MINIMUM 1.0' COVER AND PAVE WITH 3" TEMPORARY ASPHALT SURFACE. FLAG TRAFFIC AS NEEDED.

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 63	E

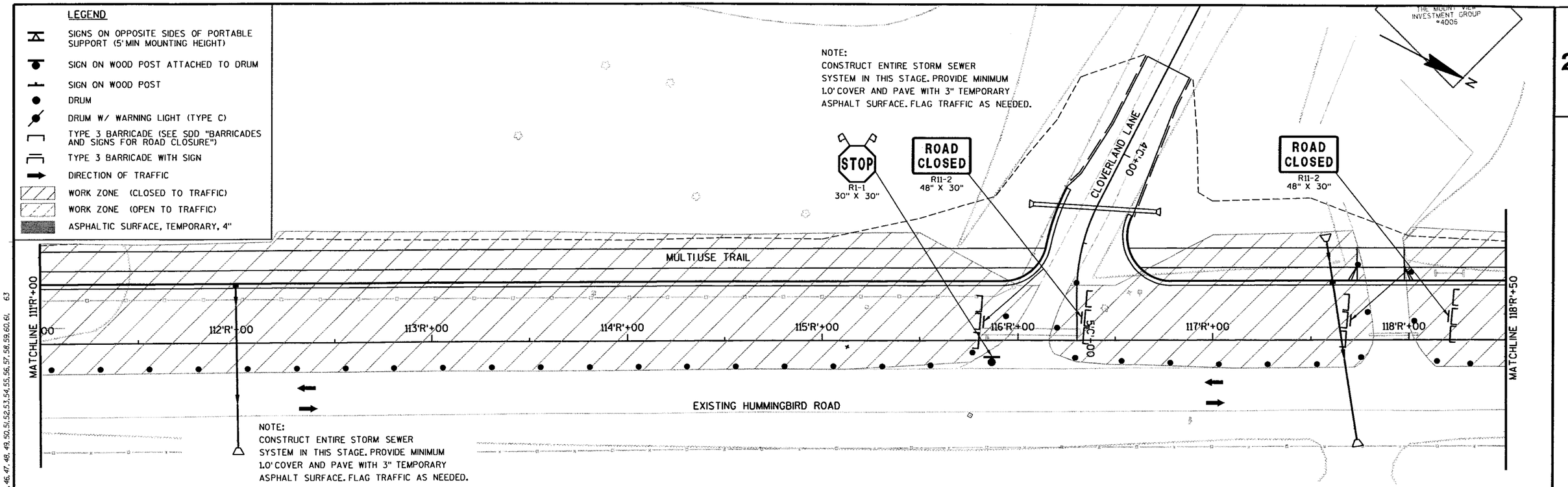
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,
43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

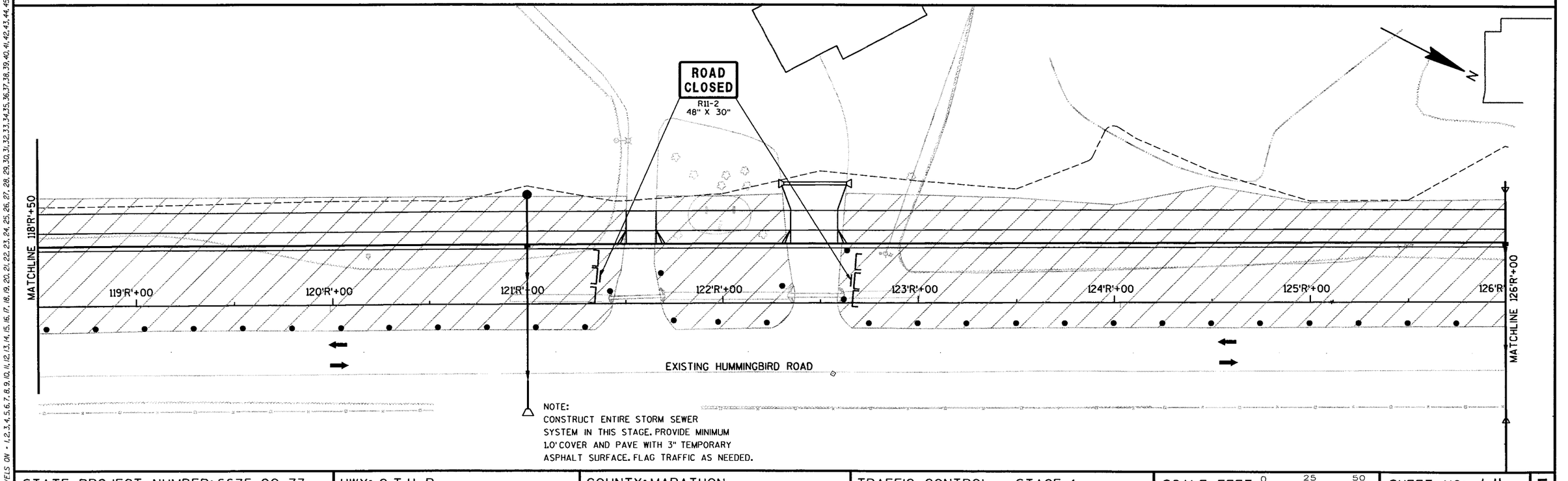
FILE NAME : e:\trans\widot\0223.00\cad\tccthn07.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:47 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"



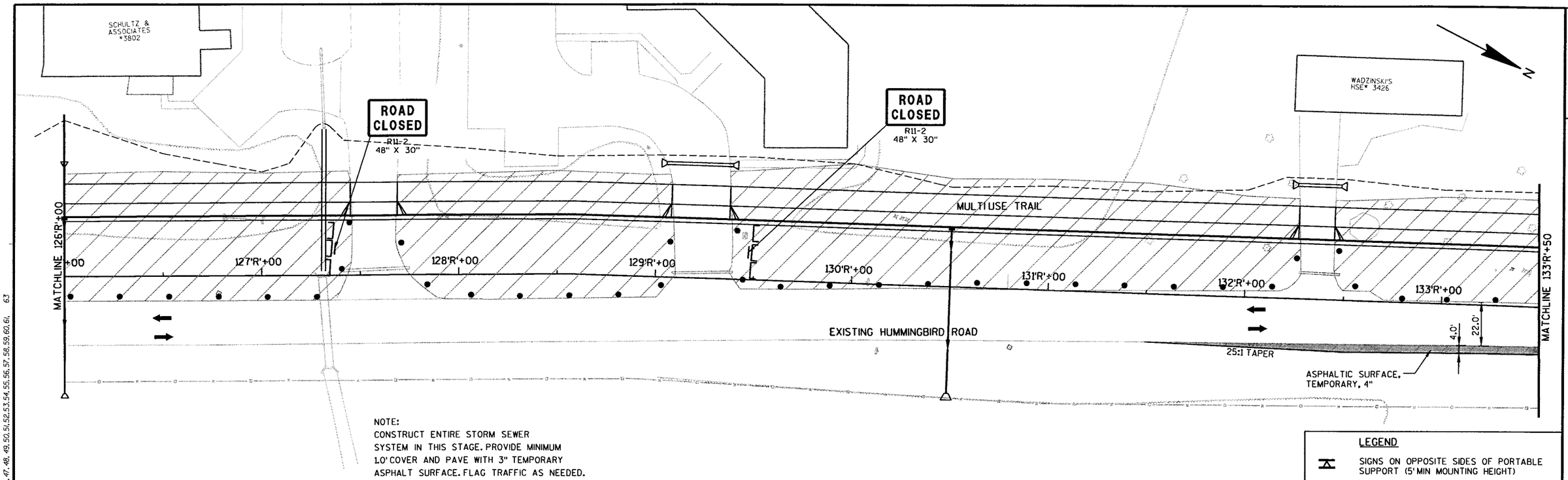


STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 64	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\tccthn08.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:50 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

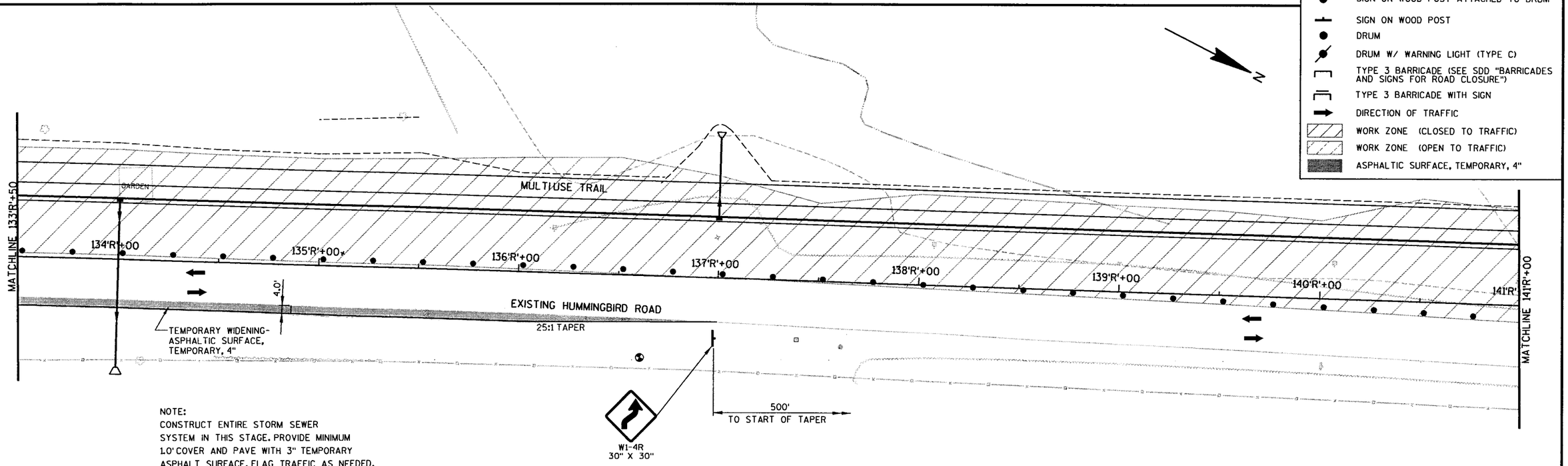
WISDOT/CADDS SHEET 42



NOTE:
CONSTRUCT ENTIRE STORM SEWER SYSTEM IN THIS STAGE. PROVIDE MINIMUM 1.0' COVER AND PAVE WITH 3" TEMPORARY ASPHALT SURFACE. FLAG TRAFFIC AS NEEDED.

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"



NOTE:
CONSTRUCT ENTIRE STORM SEWER SYSTEM IN THIS STAGE. PROVIDE MINIMUM 1.0' COVER AND PAVE WITH 3" TEMPORARY ASPHALT SURFACE. FLAG TRAFFIC AS NEEDED.

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 65	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

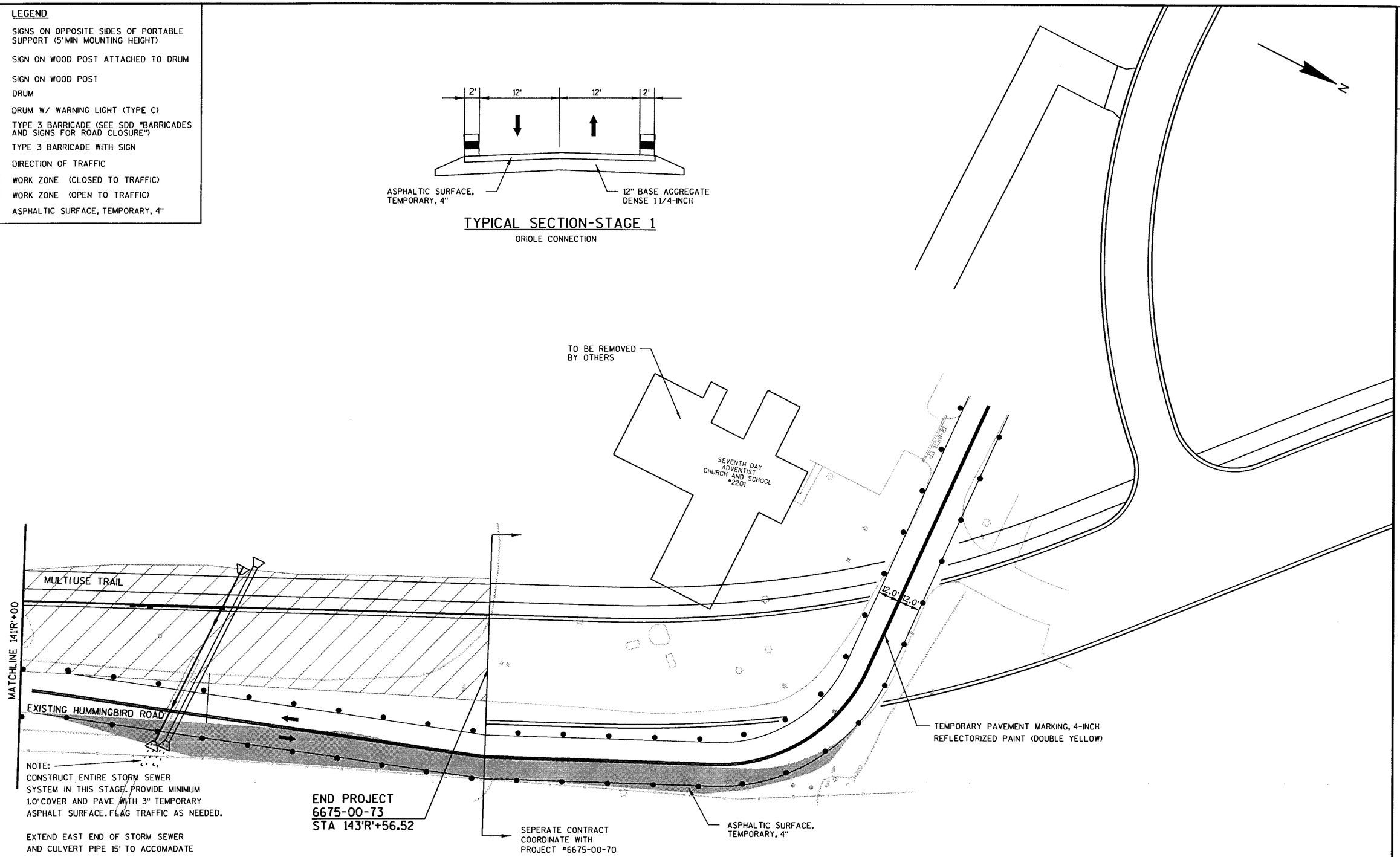
FILE NAME : e:\trans\widot\0223.00\cad\tcctnn09.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:54 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A
WISDOT/CADDS SHEET 42

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

TYPICAL SECTION-STAGE 1

ORIOLE CONNECTION



STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 1	SCALE, FEET 0 25 50	SHEET NO: 66	E

FILE NAME : e:\trans\widot\0223.00\cad\tccthn10.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:02:56 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

GENERAL TRAFFIC CONTROL NOTES:

ALL TRAFFIC CONTROL DRUMS SHALL BE SPACED AT 25'INTERVALS UNLESS OTHERWISE NOTED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE "WISCONSIN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (WMUTCD), A SUPPLEMENT TO THE FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

THE EXACT NUMBER, LOCATION AND SPACING OF ALL TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE CONTACTOR SHALL PROVIDE AND MAINTAIN AT LEAST ONE ACCESS TO BUSINESSES ALONG THE PROJECT AT ALL TIMES.

THE CONTRACTOR SHALL SCHEDULE AND CONDUCT HIS CONSTRUCTION OPERATIONS IN SUCH A MANNER SO AS NOT TO DENY ACCESS TO RESIDENTIAL DRIVEWAYS FOR A PERIOD LONGER THAN 30 CALENDAR DAYS.

DURING HOURS OF DARKNESS ALL BARRICADES USED TO SHIELD A HAZARD SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE A.

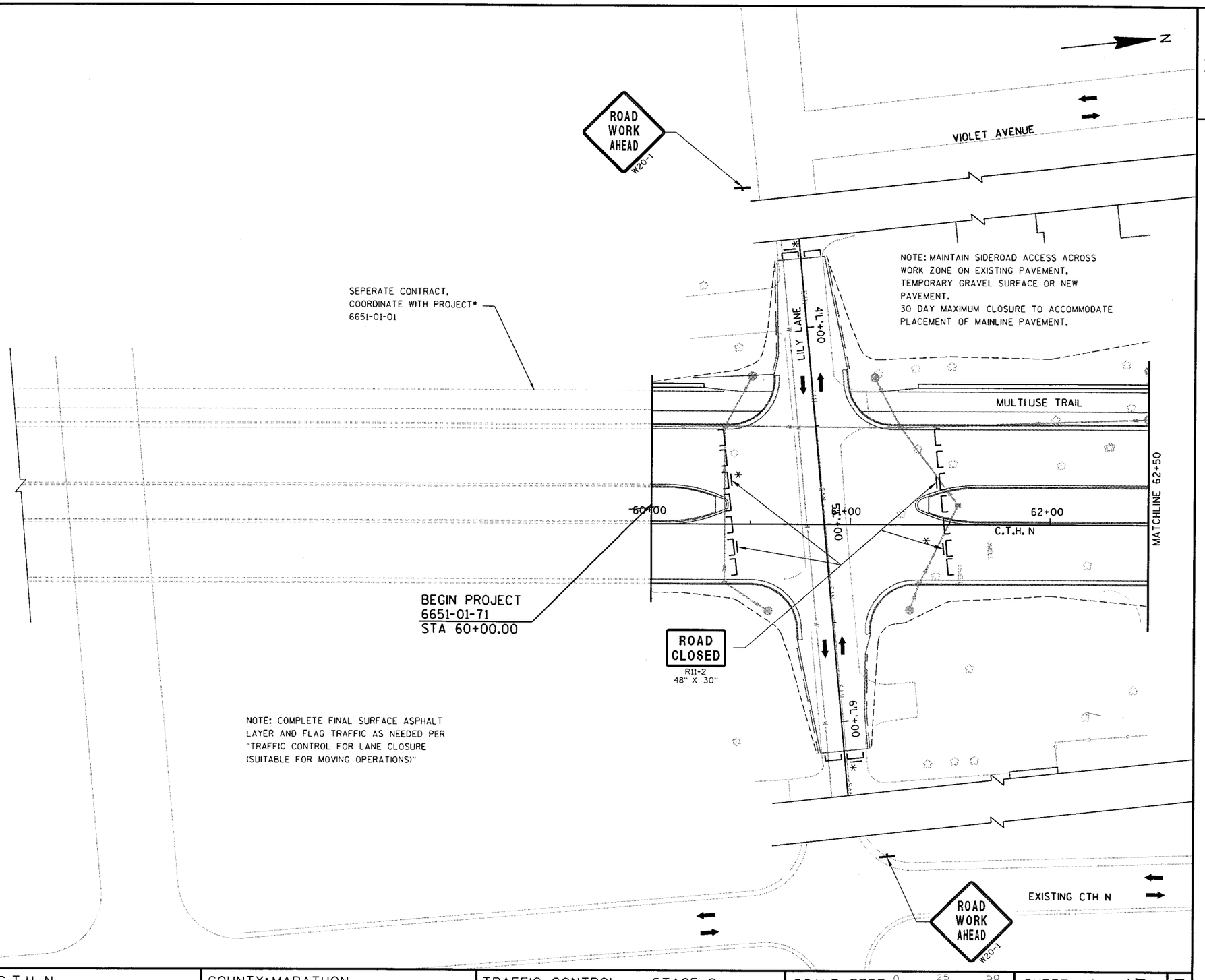
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS OR PAVEMENT MARKING, TEMPORARY OR EXISTING, WHICH MAY CONFLICT WITH THE CONSTRUCTION TRAFFIC PATTERN SHALL BE REMOVED OR COVERED.

TWO CONSECUTIVE INTERSECTIONS SHALL NOT BE CLOSED AT ONE TIME DURING ANY OF THE STAGES. REFER TO DETAIL 1 AND DETAIL 2 OF THE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURES" FOR SIGNING REQUIREMENTS.



LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 67	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

FILE NAME : e:\trans\widot\0223.00\cad\tccthn11.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:12 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : 11/A

WISDOT/CADDS SHEET 42

N

ROAD WORK AHEAD
W20-1

ROAD CLOSED
R11-2
48" X 30"

VIOLET AVENUE

NOTE: MAINTAIN SIDEROAD ACCESS ACROSS WORK ZONE ON EXISTING PAVEMENT, TEMPORARY GRAVEL SURFACE OR NEW PAVEMENT.
30 DAY MAXIMUM CLOSURE TO ACCOMMODATE PLACEMENT OF MAINLINE PAVEMENT.

JONQUIL LANE
4J+00
5J+00
6J+00

FERN LANE
4F+00
5F+00
6F+00

MULTIUSE TRAIL

MATCHLINE 62+50

63+00 64+00 65+00 66+00 67+00 68+00 69+00 70+

MATCHLINE 70+00

C.T.H N

ROAD CLOSED
R11-2
48" X 30"

ROAD CLOSED
R11-2
48" X 30"

EXISTING CTH N

ROAD WORK AHEAD
W20-1

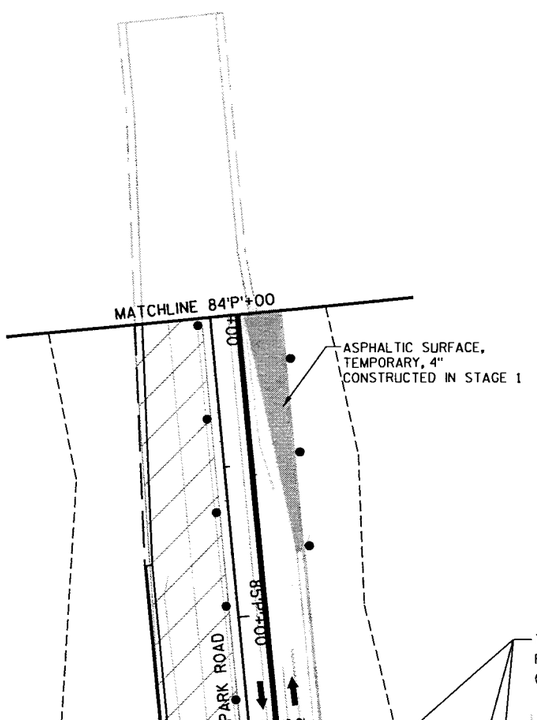
LEGEND

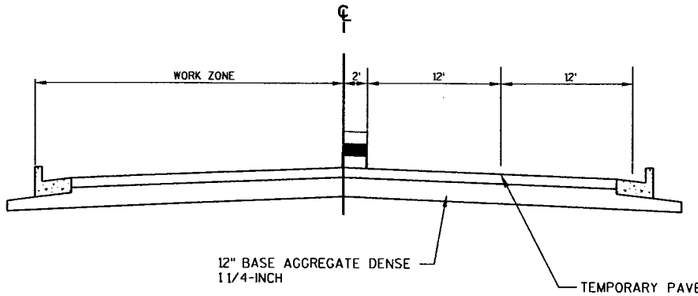
- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 68	E

FILE NAME : e:\trans\widot\0223.00\cad\tccthn12.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:04 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

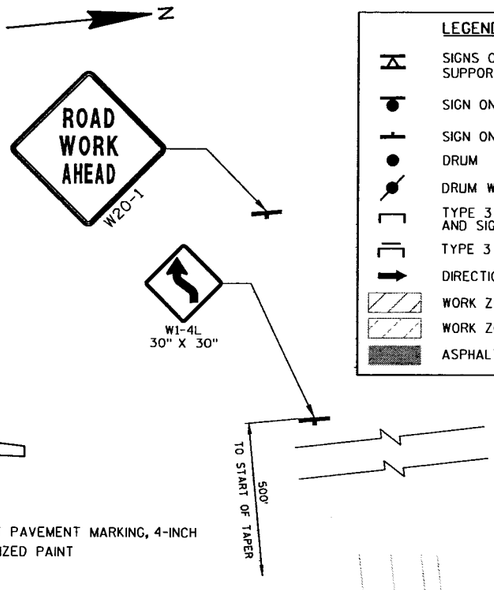
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63





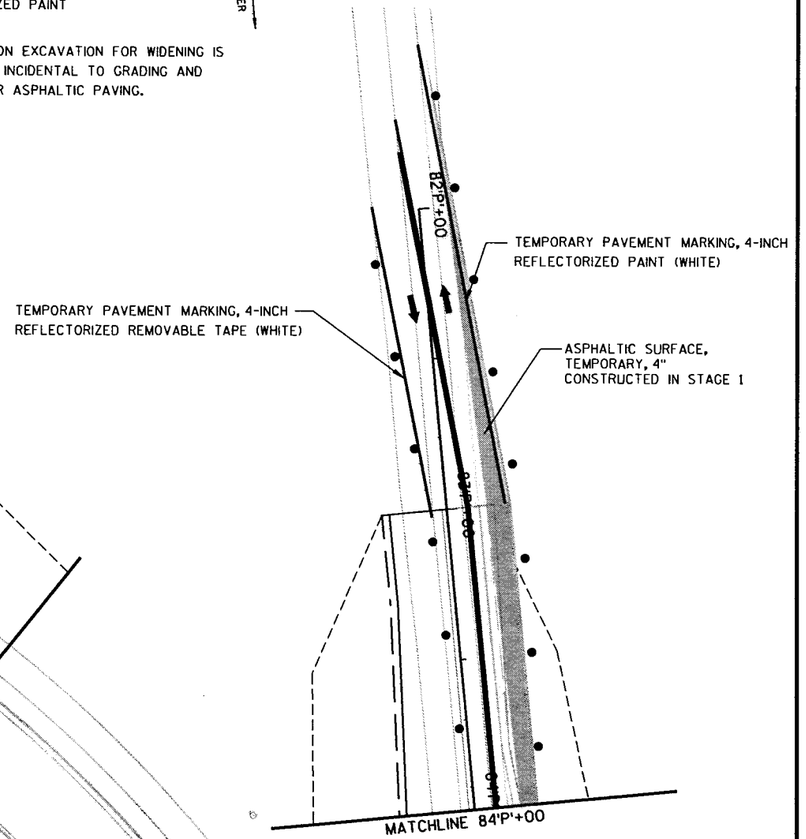
TYPICAL SECTION-STAGE 2
STA 83'P'+00 TO 85'P'+00

NOTE: COMMON EXCAVATION FOR WIDENING IS CONSIDERED INCIDENTAL TO GRADING AND SHAPING FOR ASPHALTIC PAVING.



LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 69	E

FILE NAME : e:\trans\widot\0223.00\cad\tcctnh13.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:06 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A
WISDOT/CADDS SHEET 42
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

N

ROAD CLOSED
R11-2
48" X 30"

EXISTING PARK ROAD

TEMPORARY PAVEMENT MARKING, 4-INCH REMOVABLE TAPE (DOUBLE YELLOW)

TEMPORARY PAVEMENT MARKING, 4-INCH REMOVABLE TAPE (WHITE)

STOP
R1-1
30" X 30"

W1-4R
30" X 30"

ROAD CLOSED
R11-2
48" X 30"
EXISTING CTH N

TO HUMMINGBIRD ROAD

ASSOCIATED ORTHODONTISTS
#5305

HSE #08

◆BORE

TO BE REMOVED IN STAGE II

ROAD CLOSED
R11-2
48" X 30"

88+00
89+00
90+00
91+00
92+00
93+00
94+00
95+
75R+00
76R+00
77R+00
78R+00

C.T.H. N

SAN
WS
FENCE

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 7Ø	E

FILE NAME : e:\trans\widot\0223.00\cad\tccthn13a.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:09 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

TEMPORARY PAVEMENT MARKING, 4-INCH REFLECTORIZED PAINT (DOUBLE YELLOW)

MULTIUSE TRAIL

MATCHLINE 75'R'+00

74'R'+00

76'R'+00

77'R'+00

78'R'+00

79'R'+00

80'R'+00

81'R'+00

82'R'+00

MATCHLINE 82'R'+50

C.T.H R

NOTE:
CONSTRUCT STORM SEWER PIPE P-41, INL-11A, AND P-40 IN THIS STAGE.

N

IS TO BE REMOVED IN STAGE 2

BORE

92+00

93+00

94+00

95+00

96+00

97+00

EXISTING C.T.H. N

ROAD CLOSED
R11-2
48" X 30"

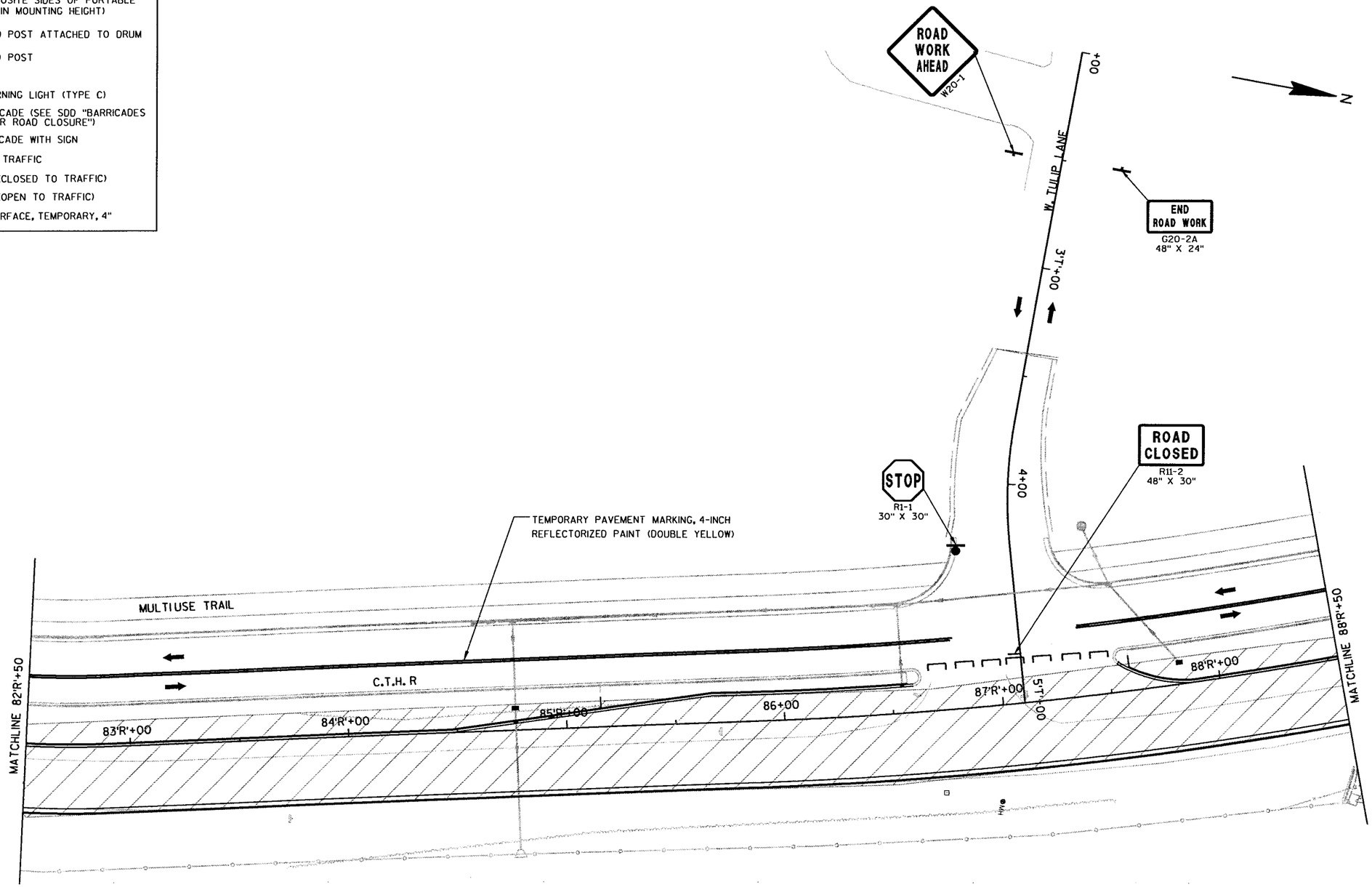
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 71	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\tccthn14.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:12 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 72	E

FILE NAME : e:\trans\widot\0223.00\cad\tccthn15.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:17 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

N

ROAD WORK AHEAD
W20-1

DAFFODIL LANE

310'+00

END ROAD WORK
G20-2A
48" X 24"

410'+00

STOP
R1-1
30" X 30"

W01-7
48" X 24"

TEMPORARY PAVEMENT MARKING, 4-INCH REFLECTORIZED PAINT (DOUBLE YELLOW)

MULTIUSE TRAIL

C.T.H. R

500'+00

MATCHLINE 88'R'+50

83'R'+00

90'R'+00

91'R'+00

92'R'+00

93'R'+00

94'R'+00

95'R'+00

96'R'

MATCHLINE 96'R'+00

NOTE:
CONSTRUCT STORM SEWER INL 14A, P50-A, AND INL 14C IN THIS STAGE.

PROJECT 6651-01-71
STA 90'R'+76.91 NB=
PROJECT 6675-00-73
STA 90'R'+71.15 NB 10.0' LT

NOTE:
CONSTRUCT STORM SEWER P-52, INL-15C, AND P52A IN THIS STAGE.

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 73	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\tccthn16.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:21 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

2

JAY SPIEGEL
HSE
#4502

N

ROAD CLOSED
R11-2
48" X 30"

ROAD CLOSED
R11-2
48" X 30"

ROAD CLOSED
R11-2
48" X 30"

TEMPORARY PAVEMENT MARKING, 4-INCH
REFLECTORIZED PAINT (DOUBLE YELLOW)

MULTIUSE TRAIL

MATCHLINE 96'R'+00

+00 97'R'+00 98'R'+00 C.T.H. R 99'R'+00 100'R'+00 101'R'+00 102'R'+00 103'R'+00

MATCHLINE 103'R'+50

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

TEMPORARY PAVEMENT MARKING, 4-INCH
REFLECTORIZED PAINT (DOUBLE YELLOW)

ROAD CLOSED
R11-2
48" X 30"

N

MATCHLINE 103'R'+50

104'R'+00 105'R'+00 106'R'+00 C.T.H. R 107'R'+00 108'R'+00 109'R'+00 110'R'+00 111'R'+

MATCHLINE 111'R'+00

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 74	E

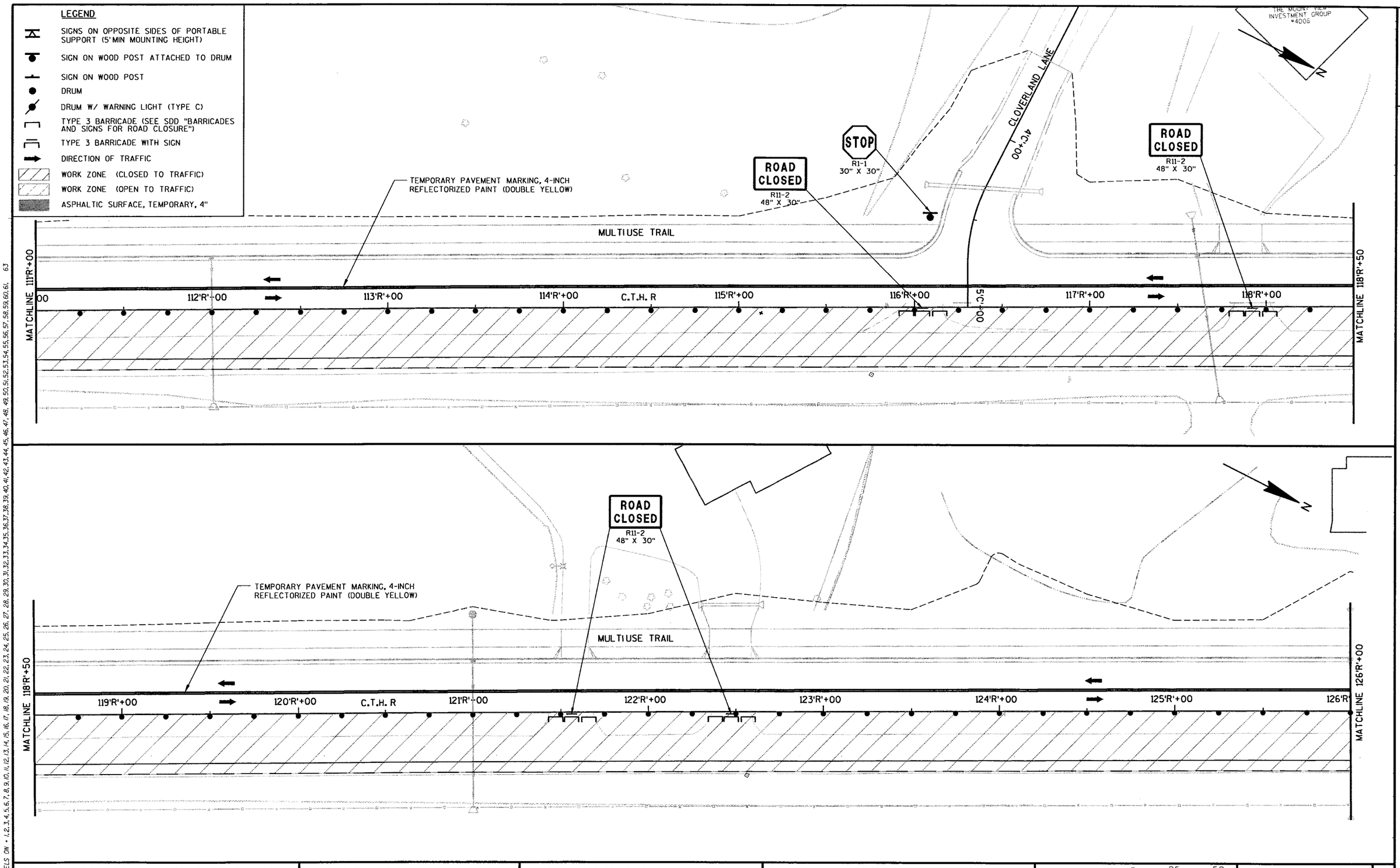
FILE NAME : e:\trans\widot\0223.00\cad\tccthn17.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:23 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"



STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 75	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\tccthn18.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:26 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

SCHULTZ & ASSOCIATES #3802

WADZINSKIS HSE# 3426

N

ROAD CLOSED
R11-2
48" X 30"

ROAD CLOSED
R11-2
48" X 30"

TEMPORARY PAVEMENT MARKING, 4-INCH REFLECTORIZED PAINT (DOUBLE YELLOW)

MULTI USE TRAIL

MATCHLINE 126'R'+00

+00 127'R'+00 128'R'+00 129'R'+00 130'R'+00 C.T.H. R 131'R'+00 132'R'+00 133'R'+00

MATCHLINE 133'R'+50

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

N

TEMPORARY PAVEMENT MARKING, 4-INCH REFLECTORIZED PAINT (DOUBLE YELLOW)

MULTI USE TRAIL

MATCHLINE 133'R'+50

134'R'+00 135'R'+00 136'R'+00 C.T.H. R 137'R'+00 138'R'+00 139'R'+00 140'R'+00 141'R'

MATCHLINE 141'R'+00

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 76	E

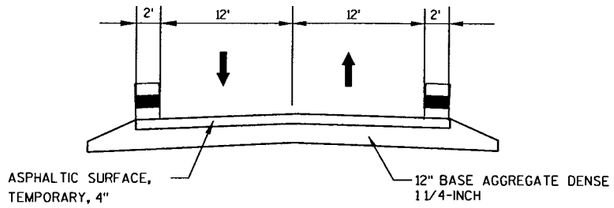
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\tccthn19.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:28 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

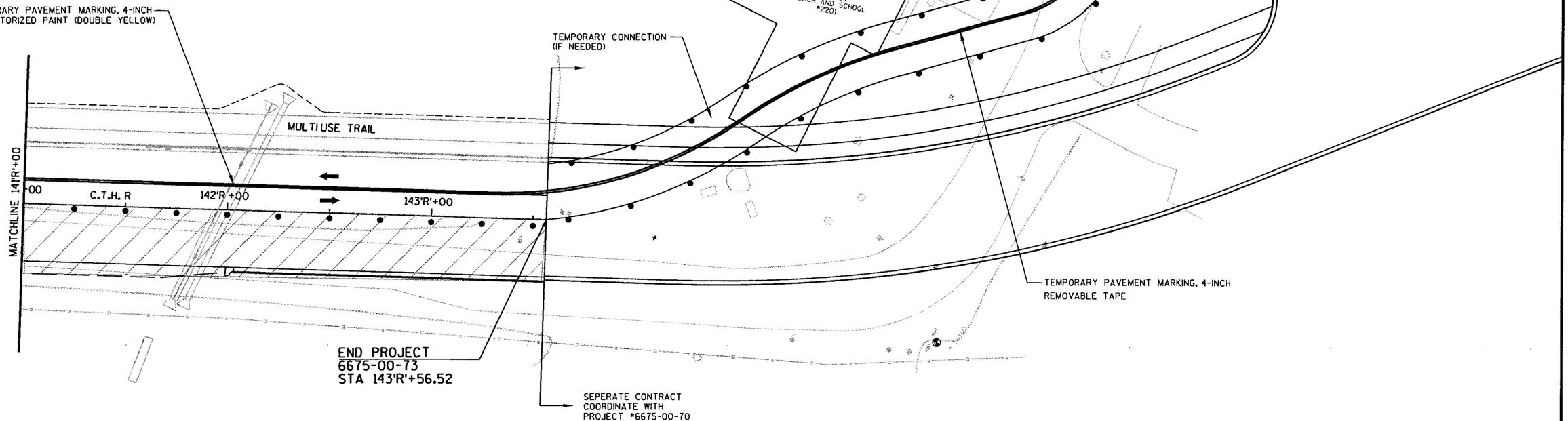
LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"



TYPICAL SECTION-STAGE 2

ORIOLE CONNECTION



STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 2	SCALE, FEET 0 25 50	SHEET NO: 77	E

FILE NAME : e:\trans\widot\0223.00\cad\tccthn20.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:33 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

N

MATCHLINE 84'P'+00

REMOVE TEMPORARY WIDENING

PARK ROAD

SAWCUT AND INSTALL MEDIAN

STOP
R1-1
30" X 30"

STOP
R1-1
30" X 30"

NOTE:
PROVIDE STOP CONTROL UNTIL TRAFFIC SIGNALS ARE INSTALLED AND OPERATIONAL.

MULTIUSE TRAIL

C.T.H. N

C.T.H. R

70+00

71+00

72'R'+00

73'R'+00

74'R'+00

MATCHLINE 75'R'+00

87+00

C.T.H. N

ROAD CLOSED
R11-2
48" X 30"

MATCHLINE 87+50

PAVEMENT MARKING
4-INCH, REFLECTORIZED,
REMOVABLE TAPE
(DOUBLE YELLOW)

ROAD WORK AHEAD
W20-1

82'P'+00

REMOVE TEMPORARY WIDENING

83'P'+00

84'P'+00

MATCHLINE 84'P'+00

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 3	SCALE, FEET 0 25 50	SHEET NO: 78	E

FILE NAME : e:\trans\widot\0223.00\cad\tcctnn23.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:35 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"

N

INSTALL SIGNS ON MAST AT END OF STAGE 3

PAVEMENT MARKING CHANNELIZING, 8-INCH EPOXY (WHITE)

TEMPORARY PAVEMENT MARKING 4-INCH REFLECTORIZED REMOVABLE TAPE (DOUBLE YELLOW)

PARK ROAD

12.5' TYP

88+00
89+00
90+00
91+00
92+00
93+00
94+00
95+
76'R+00
77'R+00
78'R+00

ROAD CLOSED
R11-2
48" X 30"

NOTE: PLACE ROAD CLOSURE AT FERN LANE & EXISTING CTH N INTERSECTION

EXISTING CTH N

TO BE REMOVED IN STAGE 2

ASSOCIATED ORTHODONTISTS #5305

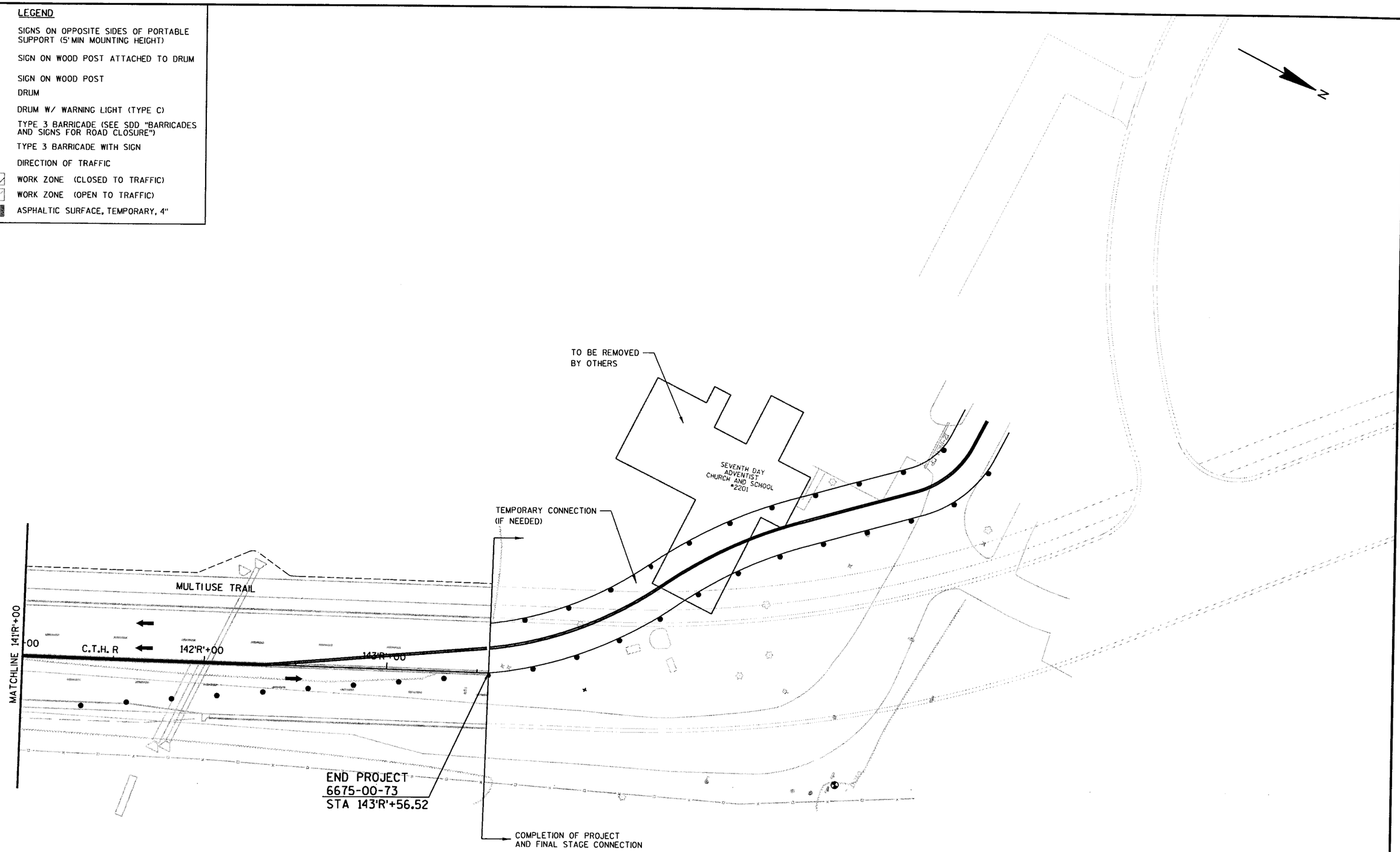
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL- STAGE 3	SCALE, FEET 0 25 50	SHEET NO: 79	E

FILE NAME : e:\trans\widot\0223.00\cad\tcctnn23a.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:40 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

LEGEND

- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)
- ASPHALTIC SURFACE, TEMPORARY, 4"



STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H R	COUNTY: MARATHON	TRAFFIC CONTROL-STAGE 3	SCALE, FEET 0 25 50	SHEET NO: 80	E

FILE NAME : e:\trans\widot\0223.00\cad\tccthn30.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:42 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

LEGEND

- FLEXIBLE TUBULAR MARKER POST
- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)

N

MATCHLINE 84'P'+00

REMOVE TEMPORARY WIDENING

PARK ROAD

SAWCUT AND INSTALL MEDIAN

STOP R1-1 30" X 30"

STOP R1-1 30" X 30"

NOTE:
PROVIDE STOP CONTROL UNTIL TRAFFIC SIGNALS ARE INSTALLED AND OPERATIONAL.

MULTI USE TRAIL

C.T.H. N

C.T.H. R

70+00

71+00

72'R'+00

73'R'+00

74'R'+00

MATCHLINE 75'R'+00

MATCHLINE 87+50

ROAD WORK AHEAD W20-1

82'P'+00

83'P'+00

84'P'+00

REMOVE TEMPORARY WIDENING

MATCHLINE 84'P'+00

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL - STAGE 4	SCALE, FEET 0 25 50	SHEET NO: 81	E

FILE NAME : e:\trans\widot\0223.00\cad\tccthn33.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:46 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- FLEXIBLE TUBULAR MARKER POST
- SIGNS ON OPPOSITE SIDES OF PORTABLE SUPPORT (5' MIN MOUNTING HEIGHT)
- SIGN ON WOOD POST ATTACHED TO DRUM
- SIGN ON WOOD POST
- DRUM
- DRUM W/ WARNING LIGHT (TYPE C)
- TYPE 3 BARRICADE (SEE SDD "BARRICADES AND SIGNS FOR ROAD CLOSURE")
- TYPE 3 BARRICADE WITH SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE (CLOSED TO TRAFFIC)
- WORK ZONE (OPEN TO TRAFFIC)

N

NOTE:
PAVEMENT MARKING
4-INCH, EPOXY (SKIP WHITE)
TO BE CONSTRUCTED WITH
PROJECT 1166-06-70

NOTE:
PAVEMENT MARKING IN GREY
FROM STA 89+00 TO 90+25
TO BE CONSTRUCTED IN
PROJECT 1166-06-70

PAVEMENT MARKING
CHANNELIZING, 8-INCH
EPOXY (WHITE)

COMPLETE STAGE 4 PAVEMENT MARKING
DURING LOW TRAFFIC PERIODS.
FLAG TRAFFIC AS NEEDED.

PARK ROAD

88+00
89+00
90+00
91+00
92+00
93+00
94+00
95+
75R+00
76R+00
77R+00
78R+00

ROAD CLOSED
R11-2
48" X 30"

NOTE: PLACE ROAD CLOSURE AT
FERN LANE & EXISTING CTH N
INTERSECTION

ROAD CLOSED
R11-2
48" X 30"

OBLITERATE OLD ROADWAY
TO FERN LANE

EXISTING CTH N

OBLITERATE OLD ROADWAY
TO FERN LANE

ASSOCIATED ORTHODONTISTS
#5305

#408
#55

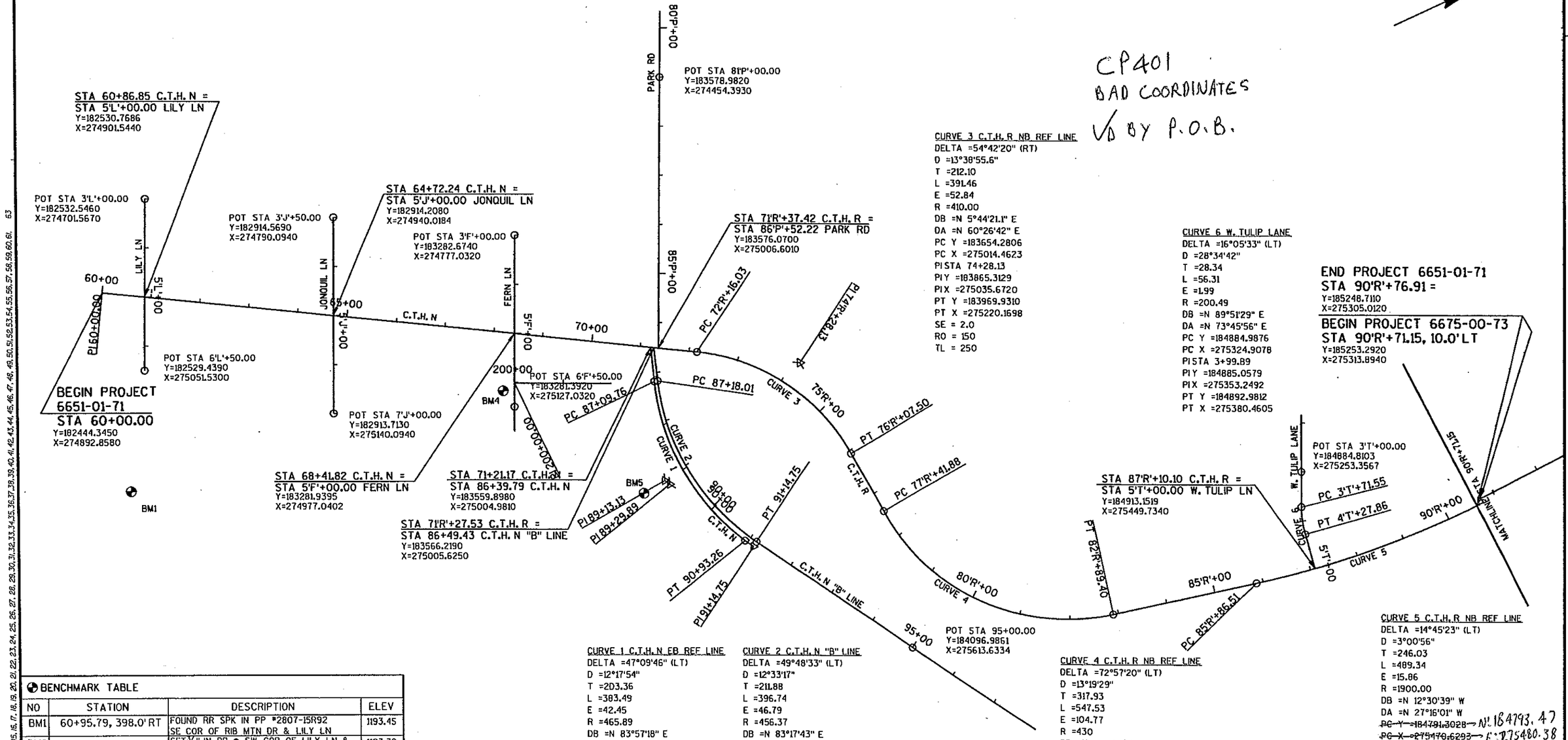
SAN
NWS

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	TRAFFIC CONTROL- STAGE 4	SCALE, FEET 0 25 50	SHEET NO: 82	E

FILE NAME : e:\trans\widot\0223.00\cad\tccthn33a.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:03:50 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

CP401
BAD COORDINATES
VS BY P.O.B.



CURVE 3 C.T.H. R NB REF LINE
DELTA =54°42'20" (RT)
D =13°38'55.6"
T =212.10
L =391.46
E =52.84
R =410.00
DB =N 5°44'21.1" E
DA =N 60°26'42" E
PC Y =183654.2806
PC X =275014.4623
PI STA 74+28.13
PI Y =183865.3129
PI X =275035.6720
PT Y =183969.9310
PT X =275220.1698
SE = 2.0
RO = 150
TL = 250

CURVE 6 W. TULIP LANE
DELTA =16°05'33" (LT)
D =28°34'42"
T =28.34
L =56.31
E =1.99
R =200.49
DB =N 89°51'29" E
DA =N 73°45'56" E
PC Y =184884.9876
PC X =275324.9078
PI STA 3+99.89
PI Y =184885.0579
PI X =275353.2492
PT Y =184892.9812
PT X =275380.4605

BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM1	60+95.79, 398.0' RT	FOUND RR SPK IN PP #2807-15R92 SE COR OF RIB MTN DR & LILY LN	1193.45
BM2		SET 3/8" IN PP @ SW COR OF LILY LN & RIB MTN DR	1193.39
BM3		FOUND RR SPK IN PP #2807-15R103 W SIDE C.T.H. N 200'S FROM FERN LN	1194.13
BM4	68+30.02, 118.8' RT	TOP E END 18" CMP @ W ENTRANCE TO OVERHEAD DOOR CO, S SIDE FERN LN	1194.56
BM5	89'B LINE'+06.36, 102.3' RT	TOP S END 24" CMP PARK RD 75' W OF C.T.H. N	1194.74

CURVE 1 C.T.H. N EB REF LINE
DELTA =47°09'46" (LT)
D =12°17'54"
T =203.36
L =383.49
E =42.45
R =465.89
DB =N 83°57'18" E
DA =N 36°47'32" E
PC Y =183567.2670
PC X =275074.5660
PI STA 89+13.13
PI Y =183588.6830
PI X =275276.7964
PT Y =183751.5373
PT X =275398.5924
SE = 2.0
RO = 150
TL = 250

CURVE 2 C.T.H. N "B" LINE
DELTA =49°48'33" (LT)
D =12°33'17"
T =211.88
L =396.74
E =46.79
R =456.37
DB =N 83°17'43" E
DA =N 33°29'11" E
PC Y =183574.2259
PC X =275073.7361
PI STA 89+29.89
PI Y =183598.9635
PI X =275284.1707
PT Y =183775.6784
PT X =275401.0749
SE = 2.0
RO = 150
TL = 250

CURVE 4 C.T.H. R NB REF LINE
DELTA =72°57'20" (LT)
D =13°19'29"
T =317.93
L =547.53
E =104.77
R =430
DB =N 60°26'42" E
DA =N 12°30'39" W
PC Y =184036.2162
PC X =275337.0660
PI STA 80+59.80
PI Y =184193.0364
PI X =275613.6238
PT Y =184503.4131
PT X =275544.7538
SE = 4.0
RO = 150
TL = 250

CURVE 5 C.T.H. R NB REF LINE
DELTA =14°45'23" (LT)
D =3°00'56"
T =246.03
L =489.34
E =15.86
R =1900.00
DB =N 12°30'39" W
DA =N 27°16'01" W
~~PC Y =184791.3028~~ → N: 184793.47
~~PC X =275470.6293~~ → E: 275480.38
PI STA 88+32.54
PI Y =185030.2255
PI X =275417.6142
~~PT Y =185247.7648~~ → N: 185252.35
~~PT X =275305.4924~~ → E: 275314.38
SE = 2.0
RO = 150
TL = 250

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	ALIGNMENT DIAGRAM	SCALE, FEET 0 100 200	SHEET NO: 83	E

FILE NAME : e:\trans\widot\0223.00\cad\adcthn01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:03 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

CURVE
DELTA =27°29'33" (LT)
D =28°38'52"
T =48.93
L =95.97
E =5.90
R =200.00
DB =S 89°48'26" E
DA =N 62°42'02" E
PC Y =185210.2283
PC X =275181.2050
PISTA 4'D'+17.62
PI Y =185210.0636
PI X =275230.1303
PT Y =185232.5030
PT X =275273.6067

POT 2'D'+50.00
Y=185210.6280
X=275062.5069

DAFFODIL LANE
S 89°48'26" E

PC 3'D'+68.70

PT 4'D'+64.67

D=28°38'52"

90'R'+00 95'R'+00 100'R'+00 BM6 105'R'+00 110'R'+00 115'R'+00

N 27°16'01" W

PT 90'R'+75.85

PI 90'R'+75.91

STA 90'R'+71.15 C.T.H. R =
STA 5'D'+00.00 DAFFODIL LN
Y=185248.7030
X=275305.0000

END PROJECT 6651-01-71
STA 90'R'+76.91 =
Y=185248.7110
X=275305.0120

BEGIN PROJECT 6675-00-73
STA 90'R'+71.15
Y=185253.2920
X=275313.8940

BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
BM6	103'R'+81.45, 20.1'LT	FOUND 40D SPK IN PP #2807-10R50 W SIDE OF HUMMINGBIRD RD	1244.08
BM7	136'R'+61.77, 40.8'LT	TOP NUT OF HYD E SIDE OF HUMMINGBIRD RD	1204.12
BM8		SET⅜" SPK IN GUY POLE #2807-10W89 N END OF HUMMINGBIRD RD	1197.45

CURVE
DELTA =27°15'20" (LT)
D =57°28'18"
T =24.17
L =47.42
E =2.89
R =99.69
DB =S 89°57'33" E
DA =N 62°42'13" E
PC Y =187501.4480
PC X =274065.6358
PISTA 4'C'+52.82
PI Y =187501.4651
PI X =274089.8053
PT Y =187512.5491
PT X =274111.2835

POT 3'C'+00.00
Y=187501.3520
X=273936.9950

CLOVERLAND LANE

PC 4'C'+28.65

PT 4'C'+76.07

D=57°28'18"

115'R'+00 120'R'+00 125'R'+00 PI 128'R'+56.73 130'R'+00 135'R'+00 140'R'+00

N 25°13'43" W

BM7

STA 116'R'+30.34 C.T.H. R =
STA 5'C'+00.00 CLOVERLAND LN
Y=187523.522
X=274132.546

END PROJECT 6675-00-73
STA 143'R'+56.52
Y=189970.364
X=272931.435

PI 143'R'+56.52

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	ALIGNMENT DIAGRAM	SCALE, FEET 0 100 200	SHEET NO: 84	E

FILE NAME : e:\trans\widot\0223.00\cad\cdcthn02.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:05 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

DATE 07JAN04

E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6651-01-71 QUANTITY	6675-00-73 QUANTITY
0010	201.0105	CLEARING	STA	67.000	14.000	53.000
0020	201.0205	GRUBBING	STA	67.000	14.000	53.000
0030	203.0100	REMOVING SMALL PIPE CULVERTS	EACH	12.000	2.000	10.000
0040	204.0100	REMOVING PAVEMENT	SY	2,622.000	2,622.000	
0050	204.0150	REMOVING CURB & GUTTER	LF	50.000	50.000	
0060	204.0170	REMOVING FENCE	LF	9,298.000	1,945.000	7,353.000
0070	204.0245	REMOVING STORM SEWER (SIZE) 01. 21-INCH	LF	21.000	21.000	
0080	204.9060.S	REMOVING (ITEM DESCRIPTION) 01. TREE ROOTS	EACH	20.000	10.000	10.000
0090	204.9060.S	REMOVING (ITEM DESCRIPTION) 02. CUT OFF PRIVATE WELL	EACH	3.000	3.000	
0100	205.0100	EXCAVATION COMMON	CY	39,144.000	32,425.000	6,719.000
0110	205.0400	EXCAVATION MARSH	CY	4,000.000	1,606.000	2,394.000
0120	208.1100	SELECT BORROW	CY	72,756.000	38,720.000	34,036.000
0130	213.0100	FINISHING ROADWAY (PROJECT) 01. 6651-01-71	EACH	1.000	1.000	
0140	213.0100	FINISHING ROADWAY (PROJECT) 02. 6675-00-73	EACH	1.000		1.000
0150	214.0100	OBLITERATING OLD ROAD	STA	5.000	5.000	
0160	301.0100.S	QMP BASE AGGREGATE	TON	55,033.000	28,713.000	26,320.000
0170	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	362.000	101.000	261.000
0180	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	54,671.000	28,612.000	26,059.000
0190	455.0120	ASPHALTIC MATERIAL PG64-28	TON	1,283.000	650.000	633.000
0200	455.0605	TACK COAT	GAL	3,212.000	1,505.000	1,707.000
0210	460.1103	HMA PAVEMENT TYPE E-3	TON	21,375.000	10,838.000	10,537.000
0220	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	17,400.000	9,600.000	7,800.000
0230	460.2500.S	QMP HMA PAVEMENT NUCLEAR DENSITY	TON	20,105.000	10,283.000	9,822.000
0240	460.3000	QMP HMA MIXTURE	TON	21,375.000	10,838.000	10,537.000
0250	465.0105	ASPHALTIC SURFACE	TON	1,129.000	385.000	744.000
0260	465.0125	ASPHALTIC SURFACE TEMPORARY	TON	823.000	605.000	218.000
0270	465.0315	ASPHALTIC FLUMES	SY	3.000		3.000
0280	520.8000.S	CULVERT PIPE CONCRETE COLLAR	EACH	2.000		2.000
0290	521.0112	CULVERT PIPE CORRUGATED STEEL 12-INCH	LF	58.000		58.000
0300	521.0118	CULVERT PIPE CORRUGATED STEEL 18-INCH	LF	56.000		56.000
0310	521.0124	CULVERT PIPE CORRUGATED STEEL 24-INCH	LF	63.000	63.000	
0320	521.0130	CULVERT PIPE CORRUGATED STEEL 30-INCH	LF	63.000		63.000
0330	521.1012	APRON ENDWALLS FOR CULVERT PIPE STEEL 12-INCH	EACH	4.000		4.000
0340	521.1018	APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH	EACH	4.000		4.000
0350	521.1024	APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH	EACH	2.000	2.000	
0360	521.1030	APRON ENDWALLS FOR CULVERT PIPE STEEL 30-INCH	EACH	2.000		2.000
0370	522.1018	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH	EACH	4.000	2.000	2.000
0380	522.1024	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH	EACH	14.000	3.000	11.000
0390	522.1030	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH	EACH	11.000	5.000	6.000
0400	522.1048	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 48-INCH	EACH	4.000	2.000	2.000
0410	532.0200.S	WALL MODULAR BLOCK GRAVITY	SF	1,370.000	1,370.000	
0420	601.0407	CONCRETE CURB & GUTTER 18-INCH TYPE D	LF	6,106.000	6,106.000	
0430	601.0411	CONCRETE CURB & GUTTER 30-INCH TYPE D	LF	11,667.000	6,235.000	5,432.000
0440	602.0405	CONCRETE SIDEWALK 4-INCH	SF	4,700.000	4,700.000	

DATE 07JAN04

E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6651-01-71 QUANTITY	6675-00-73 QUANTITY
0450	602.0501.S	CURB RAMP DETECTABLE WARNING FIELD	SF	208.000	160.000	48.000
0460	602.2400	CONCRETE SAFETY ISLANDS	SF	4,625.000	4,625.000	
0470	606.0200	RIPRAP MEDIUM	CY	5.000	5.000	
0480	607.5000	STORM SEWER ROCK EXCAVATION	CY	400.000		400.000
0490	608.0318	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	LF	1,256.000	1,083.000	173.000
0500	608.0321	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 21-INCH	LF	326.000	326.000	
0510	608.0324	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	LF	1,756.000	989.000	767.000
0520	608.0330	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH	LF	842.000	646.000	196.000
0530	608.0348	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 48-INCH	LF	101.000	101.000	
0540	611.0201	MANHOLES TYPE 1	EACH	3.000	1.000	2.000
0550	611.0210	MANHOLES TYPE 3	EACH	3.000	3.000	
0560	611.0303	INLETS TYPE 3	EACH	40.000	28.000	12.000
0570	611.0305	INLETS TYPE 8	EACH	19.000	16.000	3.000
0580	611.0530	MANHOLE COVERS TYPE J	EACH	1.000	1.000	
0590	611.0624	INLET COVERS TYPE H	EACH	10.000	10.000	
0600	611.0639	INLET COVERS TYPE H-S	EACH	39.000	24.000	15.000
0610	611.0642	INLET COVERS TYPE MS	EACH	18.000	16.000	2.000
0620	611.0666	INLET COVERS TYPE Z	EACH	11.000	11.000	
0630	611.9800.S	PIPE GRATES	EACH	1.000	1.000	
0640	612.0106	PIPE UNDERDRAIN 6-INCH	LF	156.000	156.000	
0650	612.0902.S	INSULATION BOARD POLYSTYRENE (INCH) 01. 3-INCH	SY	256.000	128.000	128.000
0660	614.0115	ANCHORAGES FOR STEEL PLATE BEAM GUARD TYPE 2	EACH	6.000	6.000	
0670	614.0310	STEEL PLATE BEAM GUARD CLASS B	LF	48.000	48.000	
0680	614.0620.S	MARKER POSTS CULVERT END FLEXIBLE	EACH	30.000	12.000	18.000
0690	616.0100	FENCE WOVEN WIRE (HEIGHT) 01. 4-FOOT	LF	6,117.000	732.000	5,385.000
0700	619.1000	MOBILIZATION	EACH	1.000	0.600	0.400
0710	620.0300	CONCRETE MEDIAN SLOPED NOSE	SF	423.000	423.000	
0720	624.0100	WATER	MGAL	1.500	1.000	0.500
0730	625.0105	TOPSOIL	CY	6,958.000	3,998.000	2,960.000
0740	627.0200	MULCHING	SY	50,372.000	29,902.000	20,470.000
0750	628.1505	SILT FENCE DELIVERED	LF	2,271.000	540.000	1,731.000
0760	628.1510	SILT FENCE INSTALLED	LF	2,271.000	540.000	1,731.000
0770	628.1520	SILT FENCE MAINTENANCE	LF	4,538.000	1,075.000	3,463.000
0780	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	4.000	2.000	2.000
0790	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	4.000	2.000	2.000
0800	628.2025	EROSION MAT DELIVERED CLASS II TYPE A	SY	21,034.000	11,726.000	9,308.000
0810	628.3025	EROSION MAT INSTALLED CLASS II TYPE A	SY	21,034.000	11,726.000	9,308.000
0820	628.7005	INLET PROTECTION TYPE A	EACH	79.000	61.000	18.000
0830	628.7010	INLET PROTECTION TYPE B	EACH	19.000	16.000	3.000
0840	628.7015	INLET PROTECTION TYPE C	EACH	60.000	45.000	15.000
0850	628.7505	TEMPORARY DITCH CHECKS DELIVERED	LF	166.000	91.000	75.000
0860	628.7510	TEMPORARY DITCH CHECKS INSTALLED	LF	166.000	91.000	75.000
0870	629.0210	FERTILIZER TYPE B	CWT	30.600	17.700	12.900
0880	630.0130	SEEDING MIXTURE NO. 30	LB	1,827.000	1,087.000	740.000
0890	634.0614	POSTS WOOD 4X6-INCH X 14-FT	EACH	76.000	71.000	5.000
0900	637.0202	SIGNS REFLECTIVE TYPE II	SF	698.000	664.500	33.500
0910	638.2602	REMOVING SIGNS TYPE II	EACH	13.000	7.000	6.000

DATE 07JAN04 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6651-01-71 QUANTITY	6675-00-73 QUANTITY
0920	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	13.000	7.000	6.000
0930	641.8100	OVERHEAD SIGN SUPPORT (STRUCTURE) 01. S-37-35	LS	1.000	1.000	
0940	641.8100	OVERHEAD SIGN SUPPORT (STRUCTURE) 02. S-37-34	LS	1.000	1.000	
0950	642.5000	FIELD OFFICE TYPE B (PROJECT)	EACH	1.000	0.600	0.400
0960	642.6000	FIELD LABORATORY (PROJECT) 01. 6651-01-71 & 6675-00-73	EACH	1.000	0.600	0.400
0970	643.0100	TRAFFIC CONTROL (PROJECT) 01. 6651-01-71	EACH	1.000	1.000	
0980	643.0100	TRAFFIC CONTROL (PROJECT) 02. 6675-00-73	EACH	1.000		1.000
0990	643.0300	TRAFFIC CONTROL DRUMS	DAYS	42,402.000	12,486.000	29,916.000
1000	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAYS	16,537.000	11,311.000	5,226.000
1010	643.0500	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS	EACH	26.000	26.000	
1020	643.0600	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES	EACH	26.000	26.000	
1030	643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAYS	25,754.000	15,302.000	10,452.000
1040	643.0715	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAYS	46,173.000	16,257.000	29,916.000
1050	643.0900	TRAFFIC CONTROL SIGNS	DAYS	8,629.000	6,559.000	2,070.000
1060	643.0905.S	TRAFFIC CONTROL COVERING SIGNS	EACH	4.000	4.000	
1070	645.0130	GEOTEXTILE FABRIC TYPE R	SY	78.000	78.000	
1080	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	24,646.000	5,512.000	19,134.000
1090	646.0226	PAVEMENT MARKING CHANNELIZING EPOXY 8-INCH	LF	2,106.000	2,106.000	
1100	647.0166	PAVEMENT MARKING ARROWS EPOXY TYPE 2	EACH	21.000	21.000	
1110	647.0176	PAVEMENT MARKING ARROWS EPOXY TYPE 3	EACH	2.000	2.000	
1120	647.0356	PAVEMENT MARKING WORDS EPOXY	EACH	15.000	15.000	
1130	647.0456	PAVEMENT MARKING CURB EPOXY	LF	350.000	350.000	
1140	647.0506	PAVEMENT MARKING CURB RAMP EPOXY	LF	10.000	10.000	
1150	647.0566	PAVEMENT MARKING STOP LINE EPOXY 18-INCH	LF	400.500	384.500	16.000
1160	647.0606	PAVEMENT MARKING ISLAND NOSE EPOXY	EACH	15.000	15.000	
1170	647.0716	PAVEMENT MARKING DIAGONAL EPOXY 8-INCH	LF	945.000	790.000	155.000
1180	647.0766	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH	LF	885.000	799.000	86.000
1190	649.0200	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH	LF	22,934.000	9,789.000	13,145.000
1200	649.0300	TEMPORARY PAVEMENT MARKING REFLECTIVE TAPE 4-INCH	LF	540.000	540.000	
1210	650.4000	CONSTRUCTION STAKING STORM SEWER SYSTEM	EACH	109.000	72.000	37.000
1220	650.4500	CONSTRUCTION STAKING SUBGRADE	LF	34,429.000	18,574.000	15,855.000
1230	650.5000	CONSTRUCTION STAKING BASE	LF	26,068.000	15,498.000	10,570.000
1240	650.5500	CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER	LF	17,849.000	12,564.000	5,285.000
1250	650.6000	CONSTRUCTION STAKING PIPE CULVERTS	EACH	5.000	1.000	4.000
1260	650.6500	CONSTRUCTION STAKING STRUCTURE LAYOUT (STRUCTURE) 01. VISUAL CONCRETE SCREENING WALL	LS	1.000	1.000	
1270	650.8500	CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (PROJECT) 01. 6651-01-71	LS	1.000	1.000	
1280	650.9900	CONSTRUCTION STAKING INITIAL LAYOUT	LF	26,068.000	15,498.000	10,570.000
1290	652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	1,175.000	1,175.000	
1300	652.0235	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	LF	992.000	992.000	
1310	652.0800	CONDUIT LOOP DETECTOR	LF	1,188.000	1,188.000	
1320	652.0900	LOOP DETECTOR SLOTS	LF	30.000	30.000	
1330	653.0120	PULL BOXES STEEL 18X24-INCH	EACH	10.000	10.000	

DATE 07JAN04

E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6651-01-71 QUANTITY	6675-00-73 QUANTITY
1340	653.0135	PULL BOXES STEEL 24X36-INCH	EACH	8.000	8.000	
1350	654.0101	CONCRETE BASES TYPE 1	EACH	3.000	3.000	
1360	654.0102	CONCRETE BASES TYPE 2	EACH	8.000	8.000	
1370	654.0105	CONCRETE BASES TYPE 5	EACH	1.000	1.000	
1380	654.0217	CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL	EACH	1.000	1.000	
1390	655.0260	CABLE TRAFFIC SIGNAL 12-14 AWG	LF	335.000	335.000	
1400	655.0290	CABLE TRAFFIC SIGNAL 21-14 AWG	LF	1,210.000	1,210.000	
1410	655.0510	ELECTRICAL WIRE TRAFFIC SIGNALS 12 AWG	LF	3,694.000	3,694.000	
1420	655.0515	ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG	LF	137.000	137.000	
1430	655.0700	LOOP DETECTOR LEAD IN CABLE	LF	4,736.000	4,736.000	
1440	655.0800	LOOP DETECTOR WIRE	LF	3,498.000	3,498.000	
1450	656.0200	ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) 01. CTH N/CTH R	LS	1.000	1.000	
1460	657.0100	PEDESTAL BASES	EACH	3.000	3.000	
1470	657.0255	TRANSFORMER BASES STANDARD 11 1/2-INCH BOLT CIRCLE	EACH	9.000	9.000	
1480	657.0315	POLES TYPE 4	EACH	4.000	4.000	
1490	657.0320	POLES TYPE 5	EACH	1.000	1.000	
1500	657.0395.S	POLES (TYPE) 01. 2	EACH	4.000	4.000	
1510	657.0420	TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT	EACH	2.000	2.000	
1520	657.0425	TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT	EACH	1.000	1.000	
1530	657.0595.S	TROMBONE ARMS (LENGTH) 01. 20-FEET	EACH	4.000	4.000	
1540	657.0610	LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 6-FT	EACH	9.000	9.000	
1550	658.0500	PEDESTRIAN PUSH BUTTONS	EACH	2.000	2.000	
1560	658.5069	SIGNAL MOUNTING HARDWARE (LOCATION) 01. CTH N/CTH R	LS	1.000	1.000	
1570	659.0115	LUMINAIRES UTILITY HPS 150 WATTS	EACH	9.000	9.000	
1580	690.0100	SAWING EXISTING PAVEMENT	LF	1,099.000	1,075.000	24.000
1590	ASP.1T0A	ON-THE-JOB TRAINING APPRENTICE AT $5. 00/HR	HRS	200.000	100.000	100.000
1600	ASP.1T0G	ON-THE-JOB TRAINING GRADUATE AT $5.00/HR	HRS	1,200.000	600.000	600.000
1610	SPV.0060	SPECIAL 01. LED PEDESTRIAN SIGNALS 12-INCH	EACH	2.000	2.000	
1620	SPV.0060	SPECIAL 02. FOLDING STOP SIGN REFLECTIVE TYPE II	EACH	7.000	7.000	
1630	SPV.0060	SPECIAL 03. LED TRAFFIC SIGNALS 3 12-INCH VERTICAL	EACH	3.000	3.000	
1640	SPV.0060	SPECIAL 04. LED TRAFFIC SIGNALS 3 12-INCH HORIZONTAL	EACH	3.000	3.000	
1650	SPV.0060	SPECIAL 05. LED TRAFFIC SIGNALS 5 12-INCH HORIZONTAL	EACH	1.000	1.000	
1660	SPV.0060	SPECIAL 06. LED TRAFFIC SIGNALS 4 12-INCH VERTICAL	EACH	4.000	4.000	
1670	SPV.0060	SPECIAL 07. LED TRAFFIC SIGNALS 5 12-INCH VERTICAL	EACH	5.000	5.000	
1680	SPV.0060	SPECIAL 08. MANHOLES TYPE SPECIAL	EACH	15.000	14.000	1.000
1690	SPV.0090	SPECIAL 01. CONCRETE SCREENING WALL 6-FOOT	LF	822.000	822.000	
1700	SPV.0165	SPECIAL 01. ANTI-GRAFFITI COATING	SF	9,870.000	9,870.000	
1710	SPV.0180	SPECIAL 01. PREPARATION FOR LAWN TYPE TURF	SY	3,256.000	1,424.000	1,832.000

EARTHWORK SUMMARY

STATION	EXCAVATION COMMON C.Y.	SELECT BORROW (EXP 30%) C.Y.	*EBS C.Y.	**SELECT BORROW (EXP 30%) C.Y.
PROJECT *6651-01-71				
CATEGORY 010				
STAGE 1				
C.T.H. N				
60+00 - 71+50	1729	3702		
83+30 - 86+70			1606	2088
86+50 - 91+00	4922	3556		
C.T.H. R				
71'R'+37 - 90'R'+76	21104	20999		
LILY LANE				
3'L'+75 - 6'L'+00	286	158		
JONQUIL LANE				
3'J'+75 - 6'J'+75	229	95		
FERN LANE				
3'F'+00 - 6'F'+75	365	53		
200+00-200+75 (EAST CUL DE SAC)	53	0		
PARK ROAD				
82+50 - 86+50	615	250		
TULIP LANE				
3'T'+50 - 4'T'+50	322	39		
DAFFODIL LANE				
3'D'+00 - 5'D'+00	294	111		
STAGE 1 TOTAL	29919	28963	1606	2088
STAGE 2				
C.T.H. N				
87+00 - 88+00	3	244		
C.T.H. R				
78'R'+50 - 90'R'+76	356	7367		
PARK ROAD				
82+80 - 86+50	467	58		
HUMMINGBIRD ROAD				
78'R'+50	1680			
STAGE 2 TOTAL	2506	7669		
PROJECT TOTAL	32425	36632	1606	2088
PROJECT *6675-00-73				
CATEGORY 010				
STAGE 1				
C.T.H. R				
90'R'+71-143'R'+56	2518	22098		
135'R'+00 - 143'R'+70			2394	3116
CLOVERLAND LANE				
3'C'+50-4'C'+75	577	5		
TEMPORARY CONNECTION				
143'R'+56	225			
STAGE 1 TOTAL	3320	22103	2394	3116
STAGE 2				
C.T.H. R				
90'R'+71-143'R'+56	3174	8817		
STAGE 2 TOTAL	3174	8817		
STAGE 3				
REMOVE TEMPORARY CONNECTIONS				
143'R'+56	225	-		
STAGE 3 TOTAL	225			
PROJECT TOTAL	6719	30920	2394	3116
ITEM TOTAL	39144	67552	4000	**5204

*EBS TO BE PAID FOR AS MARSH EXCAVATION
**EBS FILL

SAWING EXISTING PAVEMENT

STATION	LOCATION	SAWING EXISTING PAVEMENT L.F.
PROJECT *6651-01-71		
CATEGORY 010		
STAGE 1		
C.T.H. N		
89+50	RT	201
C.T.H. R		
78'R'+00	RT	110
LILY LANE		
3'L'+65	CTR	24
6'L'+15	CTR	24
JONQUIL LANE		
3'J'+65	CTR	24
4'J'+5	CTR	24
5'J'+67	CTR	24
6'J'+40	CTR	24
FERN LANE		
3'F'+28+80	CTR	24
6'F'+43.40	CTR	24
PARK ROAD		
83'P'+00	CTR	30
W. TULIP LANE		
3'T'+50	CTR	28
DAFFODIL LANE		
3'D'+00	CTR	24
STAGE 1 SUBTOTAL		585
STAGE 3		
PARK ROAD		
82'P'+00 - 85'P'+00	LT	332
EXISTING CTH N	CTR	158
STAGE 3 SUBTOTAL		490
PROJECT TOTAL		1075
PROJECT *6675-00-73		
CATEGORY 010		
STAGE 1		
CLOVERLAND LANE		
3'C'+50	CTR	24
PROJECT TOTAL		24
ITEM TOTALS		1099

PIPE UNDERDRAIN/GRATE

STATION	LOCATION	PIPE UNDERDRAIN WRAPPED, 6-INCH L.F.	PIPE GRATE EACH
PROJECT *6651-01-71			
CATEGORY 010			
STAGE 1			
C.T.H. R			
80'R'+50	RT	78	
84'R'+00	LT	78	
87'R'+45.09	LT		1
ITEM TOTAL		156	1

CONSTRUCTION STAKING

STATION	LOCATION	STORM SEWER SYSTEM EACH	SUBGRADE L.F.	BASE L.F.	CURB & GUTTER L.F.	PIPE CULVERTS EACH	INITIAL LAYOUT L.F.	STRUCTURE LAYOUT L.S.
PROJECT *6651-01-71								
CATEGORY 010								
C.T.H. N								
60+00 - 71+27	CTH N	29	4510	4510	2785		4510	
86+49 - 91+00	CTH N	9	1804	1804	2190		1804	
CTH R								
71'R'+37 - 90+71	CTH R SB	34	7736	7736	7102	1	7736	
PARK ROAD								
83'P'+00 - 86'P'+62	PARK ROAD		1448	1448	487		1448	
CATEGORY 020								
C.T.H. N								
60+00 - 90+76	TRAIL		3076					
60+76 - 70+54	WALL							1
PROJECT TOTAL		72	18574	15498	12564	1	15498	1
PROJECT *6675-00-73								
CATEGORY 010								
C.T.H. N								
90'R'+71 - 143'R'+56	CTH R	37	10570	10570	5285	4	10570	
CATEGORY 020								
C.T.H. N								
90'R'+71 - 143'R'+56	TRAIL		5285					
PROJECT TOTAL		37	15855	10570	5285	4	10570	
ITEM TOTAL		109	34429	26068	17849	5	26068	1

SIGN REMOVAL

STATION	LOCATION	SIGN NO.	SIZE IN X IN	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
PROJECT *6651-01-71						
CATEGORY 010						
STAGE 1						
C.T.H. R						
78+25	RT	300	N/A	1	1	DIRECTIONAL ARROW
78+40	RT	301	N/A	1	1	DIRECTIONAL ARROW
81+55	RT	303	N/A	1	1	DIRECTIONAL ARROW
83+75	RT	304	N/A	1	1	SPEED LIMIT 35/RADAR ENFORCED
85+75	RT	305	N/A	1	1	S' CURVE 15 MPH
86+60	LT	306	N/A	1	1	STOP
87+15	LT	307	N/A			HUM/TULIP
88+90	LT	308	N/A			R/W MARKER
90+20	LT	309	N/A	1	1	STOP
90+30	LT	310	N/A			HUM/DAFF
90+80	LT	311	N/A			GAS WARNING
PROJECT TOTAL				7	7	
PROJECT *6675-00-73						
CATEGORY 010						
STAGE 1						
C.T.H. R						
99+10	LT	312	N/A			GAS WARNING
115+80	LT	313	N/A	1	1	CLOVERLAND LN
116+90	RT	316	N/A	1	1	SPEED LIMIT 35 MPH
130+15	RT	317	N/A	1	1	SPEED LIMIT 35 MPH
130+15	LT	319	N/A	1	1	SPEED LIMIT 35 MPH
140+00	RT	320	N/A	1	1	CURVE 25 MPH
143+45	RT	321	N/A	1	1	LEFT 15 MPH
PROJECT TOTAL				6	6	
ITEM TOTAL				13	13	

3

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71 6675-00-73 | HWY: C.T.H. N / C.T.H. R | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 N/A | SHEET NO: 89 | E

FILE NAME : E:\Trans\Widot\0223-00\CAD\MOCTHN01.dgn PLOT DATE: 12/18/2003 PLOT TIME: 3:07:39 PM OPS DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

CLEARING, GRUBBING & REMOVALS

STATION	LOCATION	CLEARING STA	GRUBBING STA	REMOVING TREE ROOTS EACH	REMOVING CUT OFF PRIVATE WELL
PROJECT 6651-01-71					
CATEGORY 010					
STAGE 1					
C.T.H. N					
60+00 - 70+50	CTR	11	11		
88+00 - 90+76	CTR	3	3		
UNDISTRIBUTED				10	3
PROJECT TOTAL		14	14		
PROJECT 6675-00-73					
CATEGORY 010					
STAGE 1					
C.T.H. R					
90+76 - 143+56	CTR	53	53		
UNDISTRIBUTED				10	
PROJECT TOTAL		53	53		
ITEM TOTAL		67	67	20	3

REMOVAL ITEMS

STATION	LOCATION	REMOVING SMALL PIPE CULVERTS EACH	REMOVING FENCE L.F.	REMOVING PAVEMENT S.Y.	REMOVING CURB & GUTTER L.F.	REMOVING STORM SEWER 21-INCH L.F.
PROJECT 6651-01-71						
CATEGORY 010						
STAGE 1						
C.T.H. N						
5'J'+42 - 5'J'+63	LT					21
88+00-90+00	LT			82		
89+50	RT	1			50	
92+25	LT		202			
PARK RD TEMP CONNECTION	RT			1292		
C.T.H. R						
72'R'+30	LT, RT		460			
78'R'+00 - 79'R'+00	RT			653		
79'R+00 - 90'R'+76	RT		1283			
90'R'+40	LT	1				
141'R'+00 - 143+56.52	RT			401		
STAGE 3						
PARK ROAD						
82'P'+00 - 85'P'+00	LT			194		
PROJECT TOTALS		2	1945	2622	50	21
PROJECT 6675-00-73						
CATEGORY 010						
STAGE 1						
C.T.H. R						
90'R'+76 - 143'R'+56	RT		5522			
99'R'+00	LT	1				
101'R'+10	LT	1				
101'R'+50 - 116'R'+50	LT		1831			
116'R'+10	LT	1				
117'R'+90	LT	1				
121'R'+50	LT	1				
122'R'+50	LT	1				
127'R'+60	LT	1				
129'R'+25	LT	1				
132'R'+40	LT	1				
142'R'+00	RT	1				
PROJECT TOTAL		10	7353	0	0	0
ITEM TOTALS		12	9298	2622	50	21

BASE AGGREGATE

STATION	LOCATION	DENSE 1¼ INCH TONS	DENSE ¾ INCH TONS	OMP BASE AGGREGATE TONS
PROJECT *6651-01-71				
CATEGORY 010				
STAGE 1				
C.T.H. N				
60+00 - 70+50	MAINLINE	8152		8152
87+00 - 90+25	MAINLINE	1278		1278
LILY LANE	SIDEROAD		9	9
JONQUIL LANE	SIDEROAD		7	7
FERN LANE	SIDEROAD		20	20
C.T.H. R				
71'R'+37 - 90'R'+76	SIDEROAD	8020		8020
TULIP LANE	SIDEROAD		7	7
DAFFODIL LANE	SIDEROAD		6	6
PARK ROAD				
83'P'+00 - 86'P'+00	SIDEROAD	511	13	524
TEMPORARY WIDENING	SIDEROAD	503		503
STAGE 1 SUBTOTAL		18464	62	18526
STAGE 2				
C.T.H. N				
70+50 - 71+37	MAINLINE	189		189
86+89 - 90+25	MAINLINE	2342		2342
90+25 - 92+00	MAINLINE		20	20
DMV TEMP DRIVE	MAINLINE		19	19
C.T.H. R				
87'R'+00 - 90'R'+76	SIDEROAD	3172		3172
PARK ROAD				
83'P'+00 - 86'P'+00	SIDEROAD	785		785
STAGE 2 SUBTOTAL		6488	39	6527
CATEGORY 010 SUBTOTAL		24952	101	25053
CATEGORY 020				
STAGE 1				
C.T.H. N				
60+00 - 71+37	MAINLINE	1193		1193
C.T.H. R				
71'R'+37 - 90'R'+76	SIDEROAD	2039		2039
STAGE 1 SUBTOTAL		3232		3232
STAGE 2				
C.T.H. R				
78'R'+00 - 90'R'+76	SIDEROAD	428		428
STAGE 2 SUBTOTAL		428		428
CATEGORY 020 SUBTOTAL		3660		3660
PROJECT TOTAL		28612	101	28713
PROJECT *6675-00-73				
CATEGORY 010				
STAGE 1				
C.T.H. R				
90'R'+76 - 143'R'+56	CTR	11317		11317
DRIVEWAYS	UNDIST	39		39
TEMPORARY CONNECTION	MAINLINE	445		445
DAFFODIL LANE	SIDEROAD		5	5
CLOVERLAND LANE	SIDEROAD		6	6
STAGE 1 SUBTOTAL		11801	11	11812
STAGE 2				
C.T.H. R				
90'R'+76 - 143'R'+56	CTR	11685	239	11924
STAGE 2 SUBTOTAL		11685	250	11935
CATEGORY 010 SUBTOTAL		23486	261	23747
CATEGORY 020				
STAGE 1				
C.T.H. R				
90'R'+76 - 143'R'+56	CTR	2573		2573
STAGE 1 SUBTOTAL		2573		2573
CATEGORY 020 SUBTOTAL		2573		2573
PROJECT TOTAL		26059	261	26309
ITEM TOTAL		54671	362	55033

CONCRETE CURB & GUTTER

STATION	LOCATION	CONCRETE CURB & GUTTER 18-INCH TYPE D L.F.	CONCRETE CURB & GUTTER 30-INCH TYPE D L.F.
PROJECT *6651-01-71			
CATEGORY 010			
STAGE 1			
C.T.H. N			
60+00 - 60+86	LT	73	76
60+86 - 64+72	RT		382
64+72 - 68+41	LT	640	372
64+72 - 68+41	RT		365
68+41 - 71+37	LT	1121	214
68+41 - 71+37	RT		203
86+89 - 90+25	LT	211	371
86+89 - 90+25	RT	385	339
C.T.H. R			
71'R'+37 - 87'R'+10	LT		1410
71'R'+37 - 87'R'+10	RT	2941	1471
87'R'+10 - 90'R'+76	LT	554	353
87'R'+10 - 90'R'+76	RT		373
PARK ROAD			
83'P'+00 - 86'P'+00	LT	181	160
83'P'+00 - 86'P'+00	RT		146
PROJECT TOTAL		6106	6235
PROJECT *6675-00-73			
CATEGORY 010			
STAGE 1			
C.T.H. R			
90'R'+71 - 92'R'+00	RT		130
90'R'+71 - 116'R'+30	LT		2578
116'R'+30 - 143'R'+56	LT		2724
PROJECT TOTAL		0	5432
ITEM TOTAL		6106	11667

ROCK EXCAVATION

STATION	LOCATION	ROCK EXCAVATION FOR STORM SEWER C.Y.
PROJECT *6675-00-73		
CATEGORY 010		
STAGE 1		
C.T.H. R		
90'R'+71.15 - 143'R'+56.52	UNDISTRIBUTED	400
ITEM TOTALS		400

OBLITERATING ROADWAY

STATION	LOCATION	OBLITERATING OLD ROADWAY STA
PROJECT 6651-01-71		
CATEGORY 010		
STAGE 4		
C.T.H. N		
FERN LANE - 91+00	EXISTING CTH N	5
PROJECT TOTAL		5

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71 6675-00-73 | HWY: C.T.H. N / C.T.H. R | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 N/A | SHEET NO: 90 | E

FILE NAME : E:\Trans\Wisdot\0223-00-CAD\MOCTHN01.dgn PLOT DATE: 12/18/2003 PLOT TIME: 3:08:54 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

MANHOLES, INLETS

STRUCTURE NUMBER	STATION	LOCATION	MANHOLES TYPE 1 EACH	MANHOLES TYPE 3 EACH	MANHOLES TYPE SPECIAL EACH	INLETS TYPE 3 EACH	INLETS TYPE 8 EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE Z EACH	INLET COVERS TYPE M-S EACH	MANHOLE COVERS TYPE J EACH	GRATE OR RIM ELEVATION	MANHOLE OR BOX INVERT ELEVATION	MANHOLE OR BOX DEPTH L.F.	REINFORCED CONCRETE PIPE CLASS III, STORM SEWER 18-INCH L.F.	21-INCH L.F.	24-INCH L.F.	30-INCH L.F.	48-INCH L.F.	CONCRETE COLLAR EACH	DRAINS TO STRUCTURE (MH/CB) NUMBER	% SLOPE
	PROJECT *6651-01-71																						
	CATEGORY 010																						
	STAGE 1																						
	C.T.H. N																						
1A	60+37.00	49.5' LT			1			1					1191.75	1186.83 (N,S) 1187.33 (W)	3.63	29.0						1A	0.125
1B	60+37.00	29.5' RT				1		1					1191.71	1187.77 (N) 1187.77 (W)	3.32	79.0						1A	0.557
2A	61+25.00	49.5' LT			1			1					1192.21	1186.94 (N,S) 1187.44 (W)	4.02			88.0				1A	0.125
2B	61+54.00	10.0' LT					1				1		1192.72	1187.96 (E,W)	4.97	48.0						2A	1.083
2C	61+36.00	29.5' RT				1		1					1192.22	1188.18 (E,W)	3.42	43.0						2B	0.512
A3	62+50.00	78.0' LT					1				1		1189.56	1187.90 (E)	1.87	25.0						MH1	1.200
MH1	62+50.00	53.3' LT			1							1	1193.40	1187.09 (N,S)	4.66			124.0				2A	0.121
3A	64+08.00	49.5' LT			1			1					1192.20	1187.28 (S) 1187.78 (N,E)	3.67			157.0				MH1	0.121
3B	64+08.00	10.0' LT					1				1		1192.59	1187.88 (E,W)	4.92	40.0						3A	0.250
3C	64+08.00	29.5' RT				1		1					1192.20	1187.98 (N)	3.60	39.0						3B	0.256
3D	64+20.00	29.5' RT				1		1					1192.19	1188.08 (N,S)	4.38	13.0						3C	0.769
4	64+20.00	49.5' LT	1					1					1192.22	1187.88 (N,S)	3.28	13.0						3A	0.769
4A	64+91.57	54.6' LT				1		1					1191.86	1188.18 (S)	2.48	72.0						4	0.417
5B	65+40.00	10.0' LT					1				1		1193.34	1189.17 (E)	3.05	82.0						5A	0.610
6A	68+25.71	41.5' LT				1			1				1196.32	1193.25 (E,W)	2.45	7.0						DITCH	0.385
6B	68+18.44	49.5' LT				1		1					1196.46	1193.36 (E,W)	2.48	90.0						6A	0.122
7A	70+93.94	75.9' LT				1			1				1202.07	1195.27 (E,W)	6.18	71.0						7B	0.140
7B	70+50.00	19.0' LT				1				1			1199.90	1195.17 (E,W)	4.11	61.0						7C	0.352
7C	70+50.00	41.5' LT				1			1				1199.13	1194.96 (W) 1194.71 (N)	3.82		54.0					7D	0.120
7D	70+97.86	65.0' RT				1			1				1199.03	1194.65 (N,S)	3.78		44.0					7E	0.216
7E	87+17.16	1.0' LT				1				1			1199.95	1194.55 (N,S)	4.80		42.0					7F	0.238
7F	87+30.21	41.2' LT				1				1			1200.42	1194.45 (N,S)	5.37		41.0					7G	0.171
9A	89+51.22	37.5' LT				1			1				1196.63	1193.03 (N,S)	3.02			23.0				RETENTION POND	0.086
9B	89+36.22	37.5' LT				1			1				1196.73	1193.37 (E)	2.38	17.0						9A	0.235
9C	89+51.22	35.5' RT				1				1			1196.50	1193.12 (N) 1193.42 (W)	2.80			47.0				9A	0.125
9D	89+36.22	35.5' RT				1				1			1196.55	1193.45 (E)	2.48	16.0						9C	0.187
	C.T.H. R																						
7G	72'R'+25.91	70.6' RT		1					1				1200.38	1193.63 (W,E)	5.54				93.0			RETENTION POND	0.131
8A	71'R'+60.21	77.8' LT				1			1				1202.21	1197.50 (N)	4.09	18.0						A6	2.056
8B	71'R'+85.21	55.9' LT					1				1		1201.19	1196.08 (E,W)	5.40				49.0			8C	1.184
8C	72'R'+00.00	7.3' LT				1				1			1202.11	1195.50 (E,W)	6.07				82.0			7G	2.280
34A	76'R'+50.00	29.5' LT				1		1					1200.72	1195.80 (E,W)	4.34			20.0				DITCH	1.154
34B	76'R'+50.00	19.0' LT				1			1				1201.23	1196.31 (E)	4.34			48.0				34A	1.062
10A	77'R'+47.44	1.0' LT			1					1			1200.27	1194.38 (E,W) 1195.46 (N)	4.68				63.0			DITCH	0.859
10B	77'R'+65.29	1.0' LT				1				1			1200.36	1195.56 (S)	4.18	18.0						10A	0.556
10C	77'R'+47.44	10.0' LT					1				1		1200.19	1194.54 (E,W)	5.94				9.0			10A	1.778
10D	77'R'+47.44	49.5' LT			1			1					1200.31	1194.80 (E,W) 1195.84 (N)	4.30				38.0			10C	0.684
10E	77'R'+69.81	49.5' LT				1		1					1200.36	1195.94 (S)	3.80	19.0						10D	0.526
11A	80'R'+50.00	1.0' LT			1					1			1201.86	1194.57 (E,W)	6.04			63.0				DITCH	0.623
11B	80'R'+50.00	49.5' LT			1			1					1201.06	1195.00 (E)	4.81			48.0				11A	0.896
12A	84'R'+76.92	4.0' LT			1					1			1202.28	1197.20 (E,W) 1197.50 (N)	3.83			52.0				DITCH	0.172
12B	84'R'+93.65	5.7' LT				1			1				1202.20	1197.60 (S)	3.98	18.0						12A	0.556
12C	84'R'+76.92	49.5' LT			1			1					1202.18	1197.40 (N,S)	3.53			38.0				12E	0.263
12D	84'R'+59.15	49.5' LT				1		1					1202.10	1197.90 (N)	3.58	18.0						12C	0.556
12E	84'R'+76.92	10.0' LT					1				1		1202.54	1197.30 (E,W)	3.99			7.0				12A	1.429
47A	86'R'+54.80	13.0' LT				1				1			1203.17	1198.75 (W)	3.80	36.0						47B	0.694
47B	86'R'+54.80	49.5' LT			1			1					1203.25	1198.00 (N,S) 1198.50 (E)	5.50			176.0				12C	0.341
13A	87'R'+54.44	49.5' LT			1			1					1204.56	1200.00 (E) 1199.00 (S)	4.93			98.0				47B	1.020
13B	87'R'+82.33	10.0' LT					1				1		1205.79	1200.50 (W)	5.50	47.0						13A	1.064
14A	89'R'+01.03	29.5' RT		1				1					1208.23	1199.30 (E,W)	8.52					21.0		DITCH	0.345
14B	89'R'+06.12	49.5' LT		1				1					1208.28	1200.00 (W) 1201.50 (N)	7.87					80.0		14A	0.875
15A	91'R'+17.00	36.0' LT			1			1					1210.95	1202.0 (S,E) 1206.78 (N)	7.74				213.0			14B	0.235
15B	91'R'+26.70	35.2' LT				1		1					1211.15	1206.98 (S)	3.55	11.0						15A	1.818
15C	91'R'+17.00	35.9' RT				1		1					1210.95	1202.27 (W)	8.14				71.0			15A	0.380
	LILY LANE																						
A1	4'L'+22.05	29.2' RT					1				1		1190.50	1187.80 (E)	2.91	29.0						1A	1.621
A2	4'L'+28.42	31.8' LT					1				1		1190.50	1187.64 (E)	3.07	29.0						2A	1.621
B1	5'L'+41.04	31.8' RT					1				1		1191.10	1187.90 (W)	3.41	26.0						1B	0.500
B2	5'L'+46.82	39.1' LT					1				1		1191.30	1188.28 (W)	3.23	15.0						2C	0.667
	JONQUIL LANE																						
A4	4'J'+19.87	33.5' LT					1				1		1190.50	1188.59 (W)	2.14		145.0					5A	0.117
B3	5'J'+40.84	31.7' RT					1				1		1190.70	1188.18 (W)	2.73	29.0						3D	0.345
5A	5'J'+63.68	21.6' LT			1			1					1190.82	1188.67 (W)								EXISTING	
	PARK ROAD																						
A5	85'P'+58.00	56.0' RT					1				1		1199.48	1195.31 (E)	4.38	25.0						7A	0.145
A6	85'P'+74.25	47.4' LT					1				1		1201.30	1197.13 (S) 1196.13 (E)	5.46				28.0			8B	0.179
	PROJECT TOTAL		1	3	14	28	16	24	10	11	16	1				1083	326	989	646	101			

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71 | HWY: C.T.H. N | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 N/A | SHEET NO: 91 | E

FILE NAME : e:\trans\widot\0223 00\cad\mqcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:12 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

REVISED

MANHOLES, INLETS

STRUCTURE NUMBER	STATION	LOCATION	MANHOLES TYPE 1 EACH	MANHOLES TYPE 3 EACH	MANHOLES TYPE SPECIAL EACH	INLETS TYPE 3 EACH	INLETS TYPE 8 EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE Z EACH	INLET COVERS TYPE M-S EACH	MANHOLE COVERS TYPE J EACH	GRATE OR RIM ELEVATION	MANHOLE OR BOX INVERT ELEVATION	MANHOLE OR BOX DEPTH L.F.	REINFORCED CONCRETE PIPE CLASS III, STORM SEWER 18-INCH L.F.	21-INCH L.F.	24-INCH L.F.	30-INCH L.F.	48-INCH L.F.	CONCRETE COLLAR EACH	DRAINS TO STRUCTURE (MH/CB) NUMBER	% SLOPE
	PROJECT *6651-01-71 CATEGORY 010 STAGE 1 C.T.H. N																						
1A	60+37.00	49.5' LT			1			1					1191.65	1186.83 (N,S) 1187.33 (W)	3.90	29.0		47.0 Existing				1A	0.125
1B	60+37.00	29.5' RT				1		1					1191.65	1187.77 (N) 1187.77 (W)	3.26	79.0						1A	0.557
2A	61+25.00	49.5' LT			1			1					1192.11	1186.94 (N,S) 1187.44 (W)	4.25			88.0				1A	0.125
2B	61+54.00	10.0' LT					1						1192.72	1187.96 (E,W)	4.14	48.0						2A	1.083
2C	61+36.00	29.5' RT				1		1					1192.17	1188.18 (E,W)	3.24	43.0						2B	0.512
A3	62+50.00	78.0' LT					1				1		1189.56	1187.90 (E)	1.04	25.0						MH1	1.200
MH1	62+50.00	53.3' LT			1							1	1193.40	1187.09 (N,S)	5.39			124.0				2A	0.121
3A	64+08.00	49.5' LT			1			1					1192.13	1187.28 (S) 1187.78 (N,E)	3.93			157.0				MH1	0.121
3B	64+08.00	10.0' LT					1				1		1192.59	1187.88 (E,W)	4.09	40.0						3A	0.250
3C	64+08.00	29.5' RT				1		1					1192.13	1187.98 (N)	3.53	39.0						3B	0.256
3D	64+20.00	29.5' RT				1		1					1192.14	1188.08 (N,S)	3.44	13.0						3C	0.769
4	64+20.00	49.5' LT	1					1					1192.14	1187.88 (N,S)	3.30	13.0						3A	0.769
4A	64+91.57	54.6' LT				1		1					1191.65	1188.18 (S)	2.85	72.0						4	0.417
5B	65+40.00	10.0' LT					1				1		1193.34	1189.17 (E)	4.38	82.0						5A	0.610
6A	68+25.71	41.5' LT				1			1				1196.13	1193.25 (E,W)	2.26	7.0						DITCH	0.385
6B	68+18.44	49.5' LT				1		1					1196.46	1193.36 (E,W)	2.48	90.0						6A	0.122
7A	70+93.94	75.9' LT				1			1			1202.11	1202.33	1195.27 (E,W)	6.44	71.0						7B	0.140
7B	70+50.00	19.0 LT	19.25 LT			1				1			1199.83	1195.17 (E,W)	4.04	61.0						7C	0.352
7C	70+50.00	41.5' LT				1			1				1199.03	1194.96 (W) 1194.71 (N)	3.70		54.0					7D	0.120
7D	70+97.86	65.0' RT				1			1				1198.85	1194.65 (N,S)	3.60		44.0					7E	0.216
7E	87+17.16	1.0 LT	0.75 LT			1				1			1199.75	1194.55 (N,S)	4.60		42.0					7F	0.238
7F	87+30.21	41.2' LT				1				1			1200.25	1194.45 (N,S)	4.97		41.0					7G	0.171
9A	89+51.22	37.5' LT				1			1				1196.63	1193.03 (N,S)	2.98			23.0				RETENTION POND	0.086
9B	89+36.22	37.5' LT				1			1				1196.43	1193.37 (E)	2.44	17.0						9A	0.235
9C	89+51.22	35.5' RT				1				1	C-COVERS		1197.17	1193.12 (N) 1193.42 (W)	3.47			47.0				9A	0.125
9D	89+36.22	35.5' RT				1				1			1197.19	1193.45 (E)	3.12	16.0						9C	0.187
	C.T.H. R																						
7G	72'R'+25.91	70.6' RT		1				1					1200.17	1193.63 (W,E)	5.66				93.0			RETENTION POND	0.131
8A	71'R'+60.21	77.8' LT				1		1				12ea.16	1202.37	1197.50 (N)	4.25	18.0						A6	2.056
8B	71'R'+85.21	55.9' LT				1			1			12ea.21	1202.05	1196.08 (E,W)	5.43				49.0			8C	1.184
8C	72'R'+00.00	7.3 LT	7.25 LT RT			1		1					1201.91	1195.50 (E,W)	5.87				82.0			7G	2.280
34A	76'R'+50.00	29.5' LT				1			1			12ea.65	1200.18	1195.80 (E,W)	3.80			20.0				DITCH	1.154
34B	76'R'+50.00	19.0 LT	19.25 LT			1				1		13ea.19	1201.74	1196.31 (E)	3.85			48.0				34A	1.062
10A	77'R'+47.44	1.0 LT	0.75 LT		1					1			1200.19	1194.38 (E,W) 1195.46 (N)	4.93				63.0			DITCH	0.859
10B	77'R'+65.29	1.0 LT	0.75 LT			1				1			1200.21	1195.56 (S)	4.03	18.0						10A	0.556
10C	77'R'+47.44	10.0' LT					1				1		1200.19	1194.54 (E,W)	5.11				9.0			10A	1.778
10D	77'R'+47.44	49.5' LT			1			1					1200.23	1194.80 (E,W) 1195.84 (N)	4.55				38.0		Ditch	10C	0.684
10E	77'R'+69.81	49.5' LT				1		1					1200.15	1195.94 (S)	3.59	19.0			23.0		(27.0)	10D	0.526
11A	80'R'+50.00	1.0 LT	0.75 LT		1					1			1201.70	1194.57 (E,W)	6.20			63.0				DITCH	0.623
11B	80'R'+50.00	49.5' LT			1			1					1200.98	1195.00 (E)	5.06			48.0				11A	0.896
12A	84'R'+76.92	4.0' LT			1				1	1			1202.18	1197.20 (E,W) 1197.50 (N)	4.06			52.0				DITCH	0.172
12B	84'R'+93.65	5.7 LT	5.4 LT			1							1202.16	1197.60 (S)	3.94	18.0						12A	0.556
12C	84'R'+76.92	49.5' LT			1			1					1202.10	1197.40 (N,S)	3.78			38.0				12E	0.263
12D	84'R'+59.15	49.5' LT				1		1					1202.10	1197.90 (N)	3.58	18.0						12C	0.556
12E	84'R'+76.92	10.0' LT					1				1		1202.54	1197.30 (E,W)	4.66			7.0				12A	1.429
47A	86'R'+54.80	13.0' LT	12.75 LT			1				1			1203.05	1198.75 (W)	3.68	36.0						47B	0.694
47B	86'R'+54.80	49.5' LT			1			1					1203.15	1198.00 (N,S) 1198.50 (E)	4.23			176.0				12C	0.341
13A	87'R'+54.44	49.5' LT			1			1				12ea.98	1204.86	1200.00 (E) 1199.00 (S)	4.94			98.0				47B	1.020
13B	87'R'+82.33	10.0' LT					1				1		1205.79	1200.50 (W)	4.67	47.0						13A	1.064
14A	89'R'+01.03	29.5' RT		1				1					1208.16	1199.30 (E,W)	8.11					21.0		DITCH	0.345
14B	89'R'+06.12	49.5' LT		1				1					1208.20	1200.00 (W) 1201.50 (N)	7.45					80.0		14A	0.875
	77'R'+40																						
15A	91'R'+17.00	36.0 LT	35.1 LT		1			1					1210.85	1202.0 (S,E) 1206.78 (N)	7.97				145.0			14B	0.235
15B	91'R'+26.70	35.2 LT	34.5 LT			1		1					1211.07	1206.98 (S)	3.47	11.0			213.0			15A	1.818
15C	91'R'+17.00	35.9 RT	37.8 RT			1		1					1210.85	1202.27 (W)	8.00							15A	0.380
	LILY LANE																		71.0				
A1	4'L'+22.05	29.2' RT					1				1		1190.50	1187.80 (E)	2.91	29.0						1A	1.621
A2	4'L'+28.42	31.8' LT					1				1		1190.50	1187.64 (E)	3.07	29.0						2A	1.621
B1	5'L'+41.04	31.8' RT					1				1		1191.10	1187.90 (W)	3.41	26.0						1B	0.500
B2	5'L'+46.82	39.1' LT					1				1		1191.30	1188.28 (W)	2.40	15.0						2C	0.667
	JONQUIL LANE																						
A4	4'J'+19.87	33.5' LT					1				1		1190.50	1188.59 (W)	2.14							5A	0.117
B3	5'J'+40.84	31.7' RT					1				1		1190.70	1188.18 (W)	2.73	29.0	145.0					3D	0.345
5A	5'J'+63.68	21.6' LT			1						1		1190.82	1188.67 (W)	2.63							EXISTING	
	PARK ROAD																						
A5	85'P'+58.00	56.0' RT					1				1		1199.48	1195.31 (E)	4.38	25.0						7A	0.145
A6	85'P'+74.25	47.4' LT					1				1		1201.30	1197.13 (S) 1196.13 (E)	5.46				28.0			8B	0.179
Ditch																28 (30')						6B	
	PROJECT TOTAL		1	3	14	29	15	24	9	12	16	1				1083	326	989	791	101			

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER: 6651-01-71 | HWY: C.T.H. N | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 / N/A | SHEET NO: 91A | E

FILE NAME : E:\Trans\Widot\0223.00\CAD\MQCTHN01.dgn | PLOT DATE: 4/8/2004 | PLOT TIME: 10:21:10 AM | ORG DATE : | PLOT NAME : | Originator : Dist | PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

MANHOLES, INLETS CONT'D

STRUCTURE NUMBER	STATION	LOCATION	MANHOLES TYPE 1 EACH	MANHOLES TYPE 3 EACH	MANHOLES SPECIAL MH EACH	INLETS TYPE 3 EACH	INLETS TYPE 8 EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE Z EACH	INLET COVERS TYPE M-S EACH	GRATE OR RIM ELEVATION	MANHOLE OR BOX INVERT ELEVATION	MANHOLE OR BOX DEPTH L.F.	STORM SEWER REINFORCED CONCRETE PIPE CLASS III 18-INCH L.F.	21-INCH L.F.	24-INCH L.F.	30-INCH L.F.	48-INCH L.F.	CULVERT PIPE CONCRETE COLLAR EACH	DRAINS TO STRUCTURE (MH/CB) NUMBER	% SLOPE
	PROJECT "6675-00-73																					
	CATEGORY 010																					
	STAGE 1																					
	C.T.H. R																					
1	94'R'+00.00	29.5' LT				1		1				1222.73	1217.84 (E)	4.31			81.0				DITCH	0.930
2	97'R'+17.22	29.5' LT				1		1				1237.62	1232.99 (E)	4.05			61.0				DITCH	4.060
A1	97'R'+17.22	51.1' LT					1				1	1237.74	1234.74 (E)	3.21	22.0						2	2.989
A2	103'R'+03.03	61.5' LT					1				1	1243.75	1242.25 (E)	1.71	32.0						3	0.406
3	102'R'+89.16	29.5' LT	1					1				1246.57	1241.62 (E)1241.62 (N)	3.70			81.0				DITCH	0.782
4	102'R'+98.17	29.5' LT				1		1				1246.60	1241.64 (S)	4.34	9.0						3	0.222
5	106'R'+00.00	29.5' LT				1		1				1248.21	1243.21 (E)	4.42			78.0				DITCH	0.262
6	112'R'+00.00	29.5' LT				1		1				1246.26	1241.47 (E)	4.21			77.0				DITCH	0.303
P-9	117'R'+61.17	LT															16.0				8	5.545
8	117'R'+61.17	29.5' LT				1		1				1238.48	1233.86 (E,W)	4.04			74.0				DITCH	1.075
9	121'R'+00.00	29.5' LT				1		1				1235.53	1230.65 (E)	4.30			75.0				DITCH	0.506
A3	121'R'+00.00	55.6' LT					1				1	1235.46	1232.46 (E)	3.21	27.0						9	4.852
P-14	126'R'+00.00	LT																19.0			12	1.760
12	126'R'+00.00	29.5' LT	1					1				1229.54	1224.08 (E,W)	4.25				82.0			DITCH	1.239
P-15A	127+35	LT															71.0			2	EXISTING	0.901
13	130'R'+50.00	29.5' LT				1		1				1219.61	1214.68 (E)	4.35			77.0				DITCH	0.253
14	134'R'+00.00	29.5' LT				1		1				1209.17	1204.28 (E)	4.31			76.0				DITCH	0.341
15	137'R'+00.00	29.5' LT				1		1				1204.16	1200.70 (W)	2.84	34.0						DITCH	0.650
16	141'R'+60.23	29.5' LT				1		1				1198.60	1194.60 (N)	3.38	10.0						17	1.000
17	141'R'+69.90	29.5' LT				1		1				1198.61	1194.50 (N,S)	3.48	39.0						19	0.256
19	142'R'+09.35	29.5' LT			1			1				1198.74	1193.81 (E,W) 1194.40 (S)	3.49				75.0			DITCH	0.901
P-22	142'R'+09.35	LT																20.0			19	0.885
	PROJECT TOTAL		2	0	1	12	3	15	0	0	2				173	0	767	196	0	2		
	ITEM TOTALS		3	3	15	40	19	39	10	11	18				1256	326	1756	842	101	2		

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STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	MISCELLANEOUS QUANTITIES	SCALE, FEET 0 N/A	SHEET NO: 42	E

FILE NAME : e:\trans\widot\0223 00\cad\mqcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:12 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

REVISED

MANHOLES, INLETS CONT'D

STRUCTURE NUMBER	STATION	LOCATION	MANHOLES TYPE 1 EACH	MANHOLES TYPE 3 EACH	MANHOLES SPECIAL MH EACH	INLETS TYPE 3 EACH	INLETS TYPE 8 EACH	INLET COVERS TYPE H-S EACH	INLET COVERS TYPE H EACH	INLET COVERS TYPE Z EACH	INLET COVERS TYPE M-S EACH	GRATE OR RIM ELEVATION	MANHOLE OR BOX INVERT ELEVATION	MANHOLE OR BOX DEPTH L.F.	STORM SEWER REINFORCED CONCRETE PIPE CLASS III 18-INCH L.F.	21-INCH L.F.	24-INCH L.F.	30-INCH L.F.	48-INCH L.F.	CULVERT PIPE CONCRETE COLLAR EACH	DRAINS TO STRUCTURE (MH/CB) NUMBER	% SLOPE
	PROJECT 6675-00-73																					
	CATEGORY 010																					
	STAGE 1																					
	C.T.H. R																					
1	94'R'+00.00	29.5' LT				1		1				1222.64	1217.84 (E)	4.22			81.0				DITCH	0.930
2	97'R'+17.22	29.5' LT				1		1				1237.54	1232.99 (E)	3.97	37.8' x 2		61.0				DITCH	4.060
A1-1	97'R'+17.22	51.1' LT					1				1	1237.74	1234.74 (E)	3.21	22.0 10" DUCTILE IRON						2	2.989
A2-1	103'R'+03.03	61.5' LT					1				1	~~1243.75~~	1242.5 1242.25 (E)	1.71	32.0						3	0.406
3	102'R'+89.16	29.5' LT	1					1				1246.42	1241.62 (E) 1241.62 (N)	3.88			81.0				DITCH	0.782
4	102'R'+98.17	29.5' LT				1		1				1246.42	1241.64 (S)	4.16	9.0						3	0.222
5	106'R'+00.00	29.5' LT				1		1				1248.00	1243.21 (E)	4.41			78.0				DITCH	0.262
6	112'R'+00.00	29.5' LT				1		1				1246.18	1241.47 (E)	4.13			77.0				DITCH	0.303
P-9	117'R'+61.17	LT															16.0				8	5.545
8	117'R'+61.17	29.5' LT				1		1				1238.38	1233.86 (E,W)	3.94			74.0				DITCH	1.075
9	121'R'+00.00	29.5' LT				1		1				1235.45	1230.65 (E)	4.22			75.0				DITCH	0.506
A3-1	121'R'+00.00	55.6' LT					1				1	1235.46	1232.46 (E)	3.00	27.0						9	4.852
P-14	126'R'+00.00	LT																19.0			12	1.760
12	126'R'+00.00	29.5' LT	1					1				1229.38	1224.08 (E,W)	4.38				82.0			DITCH	1.239
P-15A	127+35	LT															71.0			2	EXISTING	0.901
13	130'R'+50.00	29.5' LT				1		1				1219.48	1214.68 (E)	4.22			77.0				DITCH	0.253
14	134'R'+00.00	29.5' LT				1		1				1209.08	1204.28 (E)	4.22			76.0				DITCH	0.341
15	137'R'+00.00	29.5' LT				1		1				1204.00	1200.70 (W)	2.68	34.0						DITCH	0.650
16	141'R'+60.23	29.5' LT				1		1				1198.51	1194.60 (N)	3.29	10.0						17	1.000
17	141'R'+69.90	29.5' LT				1		1				1198.52	1194.50 (N,S)	3.40	39.0						19	0.256
19	142'R'+09.35	29.5' LT			1			1				1198.62	1193.64 (E,W) 1194.40 (S)	4.28				75.0			DITCH	0.901
P-22	142'R'+09.35	LT																20.0			19	0.885
	142'R'+00																	107				
	PROJECT TOTAL		2	0	1	12	3	15	0	0	2				173	0	767	303	0	2		
	ITEM TOTALS		3	3	15	41	18	39	9	12	18				1256	326	1756	1094	101	2		

101'R'+26 LT — INLET TYPE 1 W/'C' COVER — 64' OF 12" CMCP & 1-12" AEW

129'R'+00 48'LT — INLET TYPE 1 W/'C' COVER — 161.5' OF 12" RCCP CL III

130'R'+50 48'LT — INLET TYPE 3 W/'2' COVER — 19.0' OF 18" RCCP CL III

132'R'+10 50'LT — INLET TYPE 1 W/'C' COVER — 821.0' OF 18" CMCP & 1-18" AEW

4'D'+33.19 — INLET TYPE 8 W/'MS-A' COVER — 201.0' OF 12" CMCP & 1-12" AEW

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LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	MISCELLANEOUS QUANTITIES	SCALE, FEET 0 N/A	SHEET NO: 92A	E

INLET PROTECTION

	STATION	LOCATION	INLET PROTECTION TYPE A EACH	INLET PROTECTION TYPE B EACH	INLET PROTECTION TYPE C EACH
	PROJECT *6651-01-71				
	CATEGORY 010				
	STAGE 1				
	C.T.H. N				
1A	60+37.00	49.5' LT	1		1
1B	60+37.00	29.5' RT	1		1
2A	61+25.00	49.5' LT	1		1
2B	61+54.00	10.0' LT	1	1	
2C	61+36.00	29.5' RT	1		1
A3	62+50.00	78.0' LT	1	1	
3A	64+08.00	49.5' LT	1		1
3B	64+08.00	10.0' LT	1	1	
3C	64+08.00	29.5' RT	1		1
3D	64+20.00	29.5' RT	1		1
4	64+20.00	49.5' LT	1		1
4A	64+91.57	54.6' LT	1		1
5B	65+40.00	10.0' LT	1	1	
6A	68+25.71	41.5' LT	1		1
6B	68+18.44	49.5' LT	1		1
7A	70+93.94	75.9' LT	1		1
7B	70+50.00	19.0' LT	1		1
7C	70+50.00	41.5' LT	1		1
7D	70+97.86	65.0' RT	1		1
7E	87+17.16	1.0' LT	1		1
7F	87+30.21	41.2' LT	1		1
9A	89+51.22	37.5' LT	1		1
9B	89+36.22	37.5' LT	1		1
9C	89+51.22	0.0' RT	1		1
9D	89+36.22	0.0' RT	1		1
	C.T.H. R				
7G	72'R'+25.91	70.6' RT	1		1
8A	71'R'+60.21	77.8' LT	1		1
8B	71'R'+85.21	55.9' LT	1		1
8C	72'R'+00.00	7.3' LT	1		1
34A	76'R'+50.00	29.5' LT	1		1
34B	76'R'+50.00	19.0' LT	1		1
10A	77'R'+47.44	1.0' LT	1		1
10B	77'R'+65.29	1.0' LT	1		1
10C	77'R'+47.44	10.0' LT	1	1	
10D	77'R'+47.44	49.5' LT	1		1
10E	77'R'+69.81	49.5' LT	1		1
11A	80'R'+50.00	1.0' LT	1		1
11B	80'R'+50.00	49.5' LT	1		1
12A	84'R'+76.92	4.0' LT	1		1
12B	84'R'+93.65	5.7' LT	1		1
12C	84'R'+76.92	49.5' LT	1		1
12D	84'R'+59.15	49.5' LT	1		1
12E	84'R'+76.92	10.0' LT	1	1	
47A	86'R'+54.80	13.0' LT	1		1
47B	86'R'+54.80	49.5' LT	1		1
13A	87'R'+54.44	49.5' LT	1		1
13B	87'R'+82.33	10.0' LT	1	1	
14A	89'R'+01.80	29.5' RT	1		1
14B	89'R'+05.06	49.5' LT	1		1
15A	91'R'+17.00	36.0' LT	1		1
15B	91'R'+26.70	35.2' LT	1		1
15C	91'R'+17.00	35.9' RT	1		1
	LILY LANE				
A1	4'L'+22.05	29.2' RT	1	1	
A2	4'L'+28.42	31.8' LT	1	1	
B1	5'L'+41.04	31.8' RT	1	1	
B2	5'L'+46.82	39.1' LT	1	1	
	JONQUIL LANE				
A4	4'J'+19.87	33.5' LT	1	1	
B3	5'J'+40.84	31.7' RT	1	1	
5A	5'J'+63.68	21.6' LT	1	1	
	PARK ROAD				
A5	85'P'+58.00	56.0' RT	1	1	
A6	85'P'+74.25	47.4' LT	1	1	
	PROJECT TOTAL		61	16	45

INLET PROTECTION (CONT'D)

	STATION	LOCATION	INLET PROTECTION TYPE A EACH	INLET PROTECTION TYPE B EACH	INLET PROTECTION TYPE C EACH
	PROJECT *6675-00-73				
	CATEGORY 010				
	STAGE 1				
	C.T.H. R				
1	94'R'+00.00	29.5' LT	1		1
2	97'R'+17.22	29.5' LT	1		1
A1	97'R'+17.22	51.1' LT	1	1	
A2	103'R'+03.03	61.5' LT	1	1	
3	102'R'+89.16	29.5' LT	1		1
4	102'R'+98.17	29.5' LT	1		1
5	106'R'+00.00	29.5' LT	1		1
6	112'R'+00.00	29.5' LT	1		1
8	117'R'+61.17	29.5' LT	1		1
9	121'R'+00.00	29.5' LT	1		1
A3	121'R'+00.00	55.6' LT	1	1	
12	126'R'+00.00	29.5' LT	1		1
13	130'R'+50.00	29.5' LT	1		1
14	134'R'+00.00	29.5' LT	1		1
15	137'R'+00.00	29.5' LT	1		1
16	141'R'+60.23	29.5' LT	1		1
17	141'R'+69.90	29.5' LT	1		1
19	142'R'+09.35	29.5' LT	1		1
	PROJECT TOTAL		18	3	15
ITEM TOTAL			79	19	60

CONCRETE SAFETY ISLAND

STATION	LOCATION	CONCRETE SAFETY ISLAND S.F.
PROJECT *6651-01-71		
CATEGORY 010		
STAGE 1		
C.T.H. N		
68+50 - 70+75	LT	1165
87+00 - 88+00	RT	452
C.T.H. R		
71'R'+75 - 74'R'+07	LT	1205
85'R'+15 - 86'R'+60	LT	823
89'R'+25 - 90'R'+40	LT	675
PARK ROAD		
84'P'+30 - 85'P'+80	LT	305
ITEM TOTALS		4625

EROSION CONTROL

STATION	LOCATION	TEMPORARY DITCH CHECKS DELIVERED L.F.	TEMPORARY DITCH CHECKS INSTALLED L.F.	SILT FENCE DELIVERED L.F.	SILT FENCE INSTALLED L.F.	SILT FENCE MAINTENANCE L.F.	EROSION MAT DELIVERED, CLASS II URBAN, TYPE A S.Y.	EROSION MAT INSTALLED, CLASS II URBAN, TYPE A S.Y.
PROJECT *6651-01-71								
CATEGORY 010								
STAGE 1								
C.T.H. N								
60+00 - 60+86	RT, LT						120	120
60+86 - 64+72	RT, LT						1105	1105
68+41 - 71+37	RT, LT						1695	1695
86+89 - 90+25	RT, LT						1020	1020
C.T.H. R								
71'R'+37 - 87'R'+10	RT, LT						3634	3634
87'R'+10 - 90'R'+76	RT, LT						1332	1332
74'R'+00	LT	12.5	12.5					
76'R'+00	LT	7.5	7.5					
80'R'+00	RT	7.5	7.5					
83'R'+00	RT	7.5	7.5					
86'R'+00	RT	7.5	7.5					
83'R'+00-87'R'+00	LT			430	430	860		
PARK ROAD								
85'P'+00	RT, LT							
83'P'+00 - 86'P'+00	RT, LT	30	30				475	475
UNDISTRIBUTED		18.5	18.5	110	110	215	2345	2345
PROJECT TOTAL		91	91	540	540	1075	11726	11726
PROJECT *6675-00-73								
CATEGORY 010								
STAGE 1								
C.T.H. R								
90'R'+71 - 143'R'+56	RT, LT						7446	7446
92'R'+00	RT	7.5	7.5					
95'R'+00	RT	7.5	7.5					
98'R'+00	LT	7.5	7.5					
103'R'+50	LT	7.5	7.5					
106'R'+00-109'R'+00	LT			280	280	560		
114'R'+00	RT, LT	15	15					
120'R'+00	RT, LT	15	15					
123'R'+00-126'R'+00	LT			235	235	470		
136'R'+00-143'R'+60	LT			870	870	1740		
UNDISTRIBUTED		15	15	346	346	693	1862	1862
PROJECT TOTAL		75	75	1731	1731	3463	9308	9308
ITEM TOTAL		166	166	2271	2271	4538	21034	21034

3

STATE PROJECT NUMBER: 6651-01-71 6675-00-73 | HWY: C.T.H. N / C.T.H. R | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 N/A | SHEET NO: 93 | E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223 00\cad\mqcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:13 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE :- N/A

WISDOT/CADDS SHEET 43

REINFORCED CONCRETE ENDWALLS

STATION	LOCATION	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH EACH	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 48-INCH EACH	CULVERT PIPE CORRUGATED STEEL 12-INCH L.F.	CULVERT PIPE CORRUGATED STEEL 18-INCH L.F.	CULVERT PIPE CORRUGATED STEEL 24-INCH L.F.	CULVERT PIPE CORRUGATED STEEL 30-INCH L.F.	STEEL APRON ENDWALLS FOR CULVERT PIPE 12-INCH EACH	STEEL APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	STEEL APRON ENDWALLS FOR CULVERT PIPE 30-INCH EACH	STEEL APRON ENDWALLS FOR CULVERT PIPE 18-INCH EACH	MARKER POSTS FLEXIBLE, FOR CULVERT ENDS EACH
PROJECT *6651-01-71														
CATEGORY 010														
STAGE 1														
C.T.H. N														
68+18	LT	1												1
68+25	RT	1												1
89+51	LT		1											1
DAFFODIL LANE														
4'D'+~~36~~ 31	RT, LT							~~63~~ 64			2			
C.T.H. R														
72'R'+36	RT			1	0									1
77'R'+48	RT, LT			4	0									4
80'R'+50	RT		1											1
84'R'+77	RT		1											1
88'R'+64	RT				1									1
88'R'+96	LT				1									1
PROJECT TOTAL		2	3	5	2	0	0	~~63~~ 64	0	0	2	0	0	12
PROJECT *6675-00-73														
CATEGORY 010														
STAGE 1														
C.T.H. R														
94'R'+00	RT		1											1
97'R'+18	RT		1											1
~~99+R+27~~	~~LT~~						~~16~~						2	
102'R'+90	RT		1											1
106'R'+00	RT		1											1
112'R'+00	RT		1											1
117'R'+62	RT		2											2
121'R'+00	RT		1											1
122'R'+47	LT						~~40~~ 38						2	
126'R'+00	RT, LT			2										2
127'R'+30	LT		1											1
* 129'R'+22	LT					~~36~~				2				
130'R'+50	RT		1											1
* ~~132'R'+35~~	~~LT~~					~~22~~				2				
134'R'+00	RT		1											1
137'R'+00	LT	1												1
* ~~141'R'+75~~	~~RT~~			2										2
142'R'+10	LT			2										2
CLOVERLAND LANE														
4'C'+34	LT, RT								~~63~~ 64			2		
PROJECT TOTAL		2	11	6	2	~~58~~	~~56~~ 38		~~65~~ 64	4		2	~~1~~ 2	18
ITEM TOTAL		4	14	11	2	~~58~~	~~56~~ 38	~~63~~ 64	63 64	4	2	2	~~1~~ 2	30

* ADDED YARD DRAINS & EXTENDED PIPES
- PAID AS STORM SEWER
75'R'+00 60'LT 70' OF 30" CMCP & 2-30" AEW
20' OF 15" CMCP & 2-15" AEW
3'F+75

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N / C.T.H. R	COUNTY: MARATHON	MISCELLANEOUS QUANTITIES	SCALE, FEET 0 N/A	SHEET NO: 94	E

FILE NAME : e:\troos\widot\0223.00\cad\mqcth01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:13 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : 11/A

WISDOT/CADDS SHEET 43

HMA PAVEMENT

STATION	LOCATION	TACK COAT GAL.	OMP HMA MIXTURE TON	ASPHALTIC MATERIAL FOR PLANT MIXES TON	HMA PAVEMENT TYPE E-3 TON	ASPHALTIC SURFACE TON	ASPHALTIC SURFACE TEMPORARY TON	DENSITY INCENTIVE FOR HMA PLACEMENT (DOLLAR)	OMP HMA PAVEMENT NUCLEAR DENSITY TON
PROJECT *6651-01-71									
CATEGORY 010									
STAGE 1									
C.T.H. N									
60+00 - 63+75	MAINLINE	72	766	46	766				854
60+60 - 70+50	MAINLINE	103	1094	66	1094				1209
86+89 - 90+25	MAINLINE	52	555	33	555				555
TEMP CONNECTION	MAINLINE	23					228		
C.T.H. R									
71'R'+37 - 90'R'+76	*SB	159	1695	102	1695				1927
71'R'+37 - 90'R'+76	*NB	47	505	30	505				560
PARK ROAD									
PARK ROAD WIDENING	LT	38					377		
83'P'+00 - 85'P'+75	SIDEROAD	15	159	10	159				159
STAGE 1 SUBTOTAL		509	4774	287	4774	0	605	5200	4709
STAGE 2									
C.T.H. N									
63+75 - 65+60	MAINLINE	50	526	32	526				569
86+50 - 90+25	MAINLINE	24	255	15	255				255
C.T.H. R									
78'R'+00 - 90'R'+76	*NB	102	1079	65	1079				1249
PARK ROAD									
83'P'+00 - 86'P'+00	SIDEROAD	32	340	20	340				340
STAGE 2 SUBTOTAL		208	2200	132	2200	0	0	2000	2413
STAGE 4									
ALL ROADS									
FINAL LAYER	FINAL LIFT	656	2871	172	2871				3161
STAGE 4 SUBTOTAL		656	2871	172	2871	0	0	2400	3161
CATEGORY 010 SUBTOTAL		1373	9845	591	9845	0	605	9600	10283
CATEGORY 020									
STAGE 1									
C.T.H. N									
60+00 - 63+75	**TRAIL	8	88	5	88	46			
65+60 - 70+50	**TRAIL	11	115	7	115	73			
C.T.H. R									
71'R'+37 - 90'R'+76	*SB	22	232	14	232	247			
71'R'+37 - 90'R'+76	*NB	5	55	3	55				
STAGE 1 SUBTOTAL		46	490	29	490	366	0		
STAGE 2									
C.T.H. N									
63+75 - 65+60	**TRAIL	4	43	3	43	19			
C.T.H. R									
78'R'+00 - 90'R'+76	**TRAIL, *NB	16	170	10	170	0			
STAGE 2 SUBTOTAL		20	213	13	213	19	0		
STAGE 4									
ALL ROADS									
FINAL LAYER	FINAL LIFT	66	290	17	290				
STAGE 4 SUBTOTAL		66	290	17	290	0	0		
CATEGORY 020 SUBTOTAL		132	993	59	993	385	0		
PROJECT TOTAL		1505	10838	650	10838	385	605	9600	10283

*SB-SOUTHBOUND LANES *NB-NORTHBOUND LANES

**TRAIL - TACK COAT, OMP HMA, ASPHALTIC MATERIAL, HMA E-3 ARE FOR 4' AUX LANE BY CURB & GUTTER IN ROADWAY. ASPHALTIC SURFACE IS FOR 10' MULTIUSE PATH

CONCRETE ITEMS

STATION	LOCATION	CONCRETE MEDIAN SLOPED NOSE S.F.	CONCRETE SIDEWALK 4-INCH S.F.
PROJECT *6651-01-71			
CATEGORY 010			
STAGE 1			
C.T.H. N			
60+39	10.0' LT	34	
61+33	10.0' LT	34	
64+25	10.0' LT	34	
65+19	10.0' LT	34	
68+59 - 70+69	LT		1165
70+75	14.0' LT	18	
86+90	2.0' RT	18	
87+00	50' LT	120	
87+00 - 88+00			480
PARK ROAD			
85'P'+80	3.0' LT	20	
84'P'+87 - 85'P'+74	LT		305
C.T.H. R			
71'R'+80	6.0' LT	18	
71'R'+86 - 74'R'+07	LT		1207
85'R'+16 - 86'R'+57	LT		868
86'R'+64	16.0' LT	29	
87'R'+53	17.0' LT	35	
89'R'+22 - 90'R'+30	LT		675
90'R'+36	16.0' LT	29	
ITEM TOTALS:		423	4700

DETECTABLE WARNING FIELD

STATION	LOCATION	CURB RAMP DECTABLE WARNING FIELD S.F.
PROJECT *6651-01-71		
CATEGORY 010		
C.T.H. N		
LILY LANE	LT	32
JONQUIL LANE	LT	32
PARK ROAD	LT	32
TULIP LANE	LT	32
DAFFODIL LANE	LT	32
PROJECT TOTAL		160
PROJECT *6675-00-73		
CATEGORY 010		
C.T.H. R		
DAFFODIL LANE	LT	16
CLOVERLAND LANE	LT	32
PROJECT TOTAL		48
ITEM TOTALS:		208

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

HMA PAVEMENT, CONTINUED

STATION	LOCATION	TACK COAT GAL.	OMP HMA MIXTURE TON	ASPHALTIC MATERIAL FOR PLANT MIXES TON	HMA PAVEMENT TYPE E-3 TON	ASPHALTIC SURFACE TON	ASPHALTIC SURFACE, DRIVEWAYS AND FIELD ENTRANCES TON ***	ASPHALTIC SURFACE TEMPORARY TON	ASPHALTIC FLUMES TON	DENSITY INCENTIVE FOR HMA PLACEMENT (DOLLAR)	OMP HMA PAVEMENT NUCLEAR DENSITY TON
PROJECT *6675-00-73											
CATEGORY 010											
STAGE 1											
C.T.H. R											
90'R'+76 - 143'R'+56	*SB	373	2799	168	2799		20				3228
143+56	TEMP CONN	17						167			
131'R'+50 - 137'R'+50	LANE WIDEN	5						51			
STAGE 1 SUBTOTAL		395	2799	168	2799	0	20	218	0	2400	3228
STAGE 2											
C.T.H. R											
92'R'+00	RT								1.4		
141'R'+90	RT								1.4		
90'R'+76 - 143'R'+56	*NB	413	3097	186	3097						3383
STAGE 2 SUBTOTAL		413	3097	186	3097	0	0	0	3	4800	3383
STAGE 4											
C.T.H. R											
90'R'+76 - 143'R'+56	*SB	785	3926	236	3926						3926
STAGE 4 SUBTOTAL		785	3926	236	3926	0	0	0	0	600	3926
CATEGORY 010 SUBTOTAL		1593	9822	590	9822	0	20	218	3	7800	9822
CATEGORY 020											
STAGE 1											
C.T.H. R											
90'R'+76 - 143'R'+56	**TRAIL	57	429	26	429	724					
STAGE 1 SUBTOTAL		57	429	26	429	724	0	0	0		
STAGE 4											
C.T.H. R											
90'R'+76 - 143'R'+56	**TRAIL	57	286	17	286						
STAGE 4 SUBTOTAL		57	286	17	286	0	0	0	0		
CATEGORY 020 SUBTOTAL		114	715	43	715	724	0	0	0		
PROJECT TOTAL		1707	10537	633	10537	724	20	218	3	7800	10537
ITEM TOTAL		3212	21375	1283	21375	1109	20	823	3	17400	21375

*SB-SOUTHBOUND LANES *NB-NORTHBOUND LANES

**TRAIL - TACK COAT, OMP HMA, ASPHALTIC MATERIAL, HMA E-3 ARE FOR 4' AUX LANE BY CURB & GUTTER IN ROADWAY. ASPHALTIC SURFACE IS FOR 10' MULTIUSE PATH

*** PAID FOR AS ASPHALTIC SURFACE

TEMPORARY PAVEMENT MARKING

STATION	LOCATION	TEMPORARY PAVEMENT MARKING REFLECTORIZED PAINT 4-INCH L.F.	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH L.F.
PROJECT *6651-01-71			
CATEGORY 010			
STAGE 1			
C.T.H. R			
71'R'+37-90'R'+71	CTR	1934	
PARK ROAD			
83'P'+00-EXISTING CTH N	CTR	2035	0
STAGE 1 SUBTOTAL		3969	0
STAGE 2			
C.T.H. R			
71'R'+37-90'R'+71	CTR	3868	
PARK ROAD			
83'P'+00-EXISTING CTH N	CTR	1952	110
STAGE 2 SUBTOTAL		5820	110
STAGE 3			
C.T.H. N			
86+89-90+25	CTR	0	430
STAGE 3 SUBTOTAL		0	430
PROJECT TOTAL		9789	540
PROJECT *6675-00-73			
CATEGORY 010			
STAGE 1			
C.T.H. R			
141'R'+00 - ORIOLE LANE	CTR	1290	
STAGE 1 SUBTOTAL		1290	
STAGE 2			
C.T.H. R			
90'R'+71-143'R'+56	CTR	11855	
STAGE 2 SUBTOTAL		11855	
PROJECT TOTAL		13145	0
ITEM TOTAL		22934	540

RIPRAP

STATION	LOCATION	RIPRAP MEDIUM C.Y.	GEOTEXTILE FABRIC TYPE R S.Y.
PROJECT *6651-01-71			
CATEGORY 010			
STAGE 1			
C.T.H. N			
89+50	LT	0.3	8
C.T.H. R			
72'R'+75	RT	2	27
77'R'+50	RT	2	27
80'R'+50	RT	0.3	8
84'R'+75	RT	0.3	8
ITEM TOTALS		5	78

BEAM GUARD

STATION	LOCATION	STEEL PLATE BEAM GUARD, CLASS B L.F.	ANCHORAGE FOR STEEL PLATE BEAM GUARD, TYPE 2 (EXIT ENDS ONLY) EACH
PROJECT *6651-01-71			
CATEGORY 010			
STAGE 1			
FERN LANE			
4'F'+10	FERN LANE	16	2
5'F'+63	FERN LANE	16	2
201"F"+00	FERN LANE	16	2
ITEM TOTALS		48	6

POLYSTYRENE BOARD

STATION	LOCATION	INSULATION BOARD POLYSTYRENE 3-INCH S.Y.
PROJECT *6651-01-71		
CATEGORY 010		
C.T.H. N		
UNDISTRIBUTED	-	128
PROJECT *6675-00-73		
CATEGORY 010		
C.T.H. R		
UNDISTRIBUTED	-	128
ITEM TOTALS:		256

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71 6675-00-73 | HWY: C.T.H. N / C.T.H. R | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 N/A | SHEET NO: 96 | E

FILE NAME : e:\trans\widot\0223.00\cad\mqcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:13 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

PAVEMENT MARKING

STATION	LOCATION	EPOXY 4-INCH L.F.	EPOXY 4-INCH SKIP L.F.	EPOXY CHANNELIZING 8-INCH L.F.	STOP LINE EPOXY 18-INCH L.F.	CROSSWALK EPOXY 6-INCH EACH	ARROWS EPOXY TYPE 2 EACH	ARROWS EPOXY TYPE 3 EACH	WORDS EPOXY EACH	DIAGONAL EPOXY 8-INCH L.F.	CURB EPOXY L.F.	ISLAND NOSE EPOXY EACH	CURB RAMP EPOXY EACH	COMMENTS
PROJECT *6651-01-71														
CATEGORY 010														
STAGE 1														
PARK ROAD/EXISTING CTH N					32									
STAGE 1 SUBTOTAL	CTR				32									
STAGE 4														
C.T.H. N														
60+00-71+37	CTR		705	450	53		6		4		264	5	5	"ONLY"
86+89-90+25	CTR	592	85	975	65		7		5	634	16	4		"ONLY"
C.T.H. R														
71'R'+37-87'R'+10	CTR		1046	150	45		2		1		70	4	4	"ONLY"
87'R'+10-90'R'+76	CTR		240	178		154	1		1	156			1	"ONLY"
LILY LANE														
3'L'+50-4'L'+50	CTR	128	42		16	78								
5'L'+45-6'L'+15	CTR	144	48		19									
JONQUIL LANE														
3'J'+65-4'J'+50	CTR	128	42		16	78								
3'J'+65-4'J'+50	CTR	194	64		19									
PARK ROAD														
83'P'+00-86'P'+00	CTR	312		95	35	175	1	2	1			2		"ONLY"
71'R'+37-87'R'+10	CTR		1046	150	45		2		1					"ONLY"
87'R'+10-90'R'+76	CTR		240	51		154	1		1					"ONLY"
TULIP LANE														
3'T'+40-4'T'+50	CTR	176		57	24	77	1		1					"ONLY"
DAFFODIL LANE														
3'D'+00-4'D'+65	CTR	280			15.5	83								
STAGE 4 SUBTOTAL		1954		2106	352.5									
PROJECT TOTAL		1954	3558	2106	384.5	799	21	2	15	790	350	15	10	
PROJECT *6675-00-73														
CATEGORY 010														
STAGE 4														
C.T.H. R														
90'R'+71-143'R'+56	CTR	15447	3490							155				
CLOVERLAND LANE														
3'C'+50-4'C'+75	CTR	197			16	86								
PROJECT TOTAL		15644	3490	0	16	86	0	0	0	155	0	0	0	
ITEM TOTAL		*17598	*7048	2106	400.5	885	21	2	15	945	350	15	10	

*PAY ITEM TOTAL FOR 4-INCH EPOXY IS SUM OF COLUMNS

VISUAL WALL

STATION	WALL MODULAR BLOCK, GRANITE S.F.	CONCRETE SCREENING WALL, 6-FOOT L.F.	ANTI GRAFFITI COATING S.F.
PROJECT *6651-01-71			
CATEGORY 010			
STAGE 1			
C.T.H. N	1370	822	9870
ITEM TOTALS	1370	822	9870

FENCE

STATION	LOCATION	WOVEN WIRE FENCE, 4-FOOT L.F.
PROJECT *6651-01-71		
CATEGORY 010		
STAGE 2		
C.T.H. R	RT	732
PROJECT *6675-00-73		
CATEGORY 010		
STAGE 2		
C.T.H. R	RT	5385
ITEM TOTALS		6117

TOPSOIL, FERTILIZER, & SEED

STATION	WATER MGAL	TOPSOIL C.Y.	MULCHING S.Y.	FERTILIZER TYPE B CWT.	SEEDING MIXTURE NO.30 LBS	PREPARATION FOR LAWN TYPE TURF
PROJECT *6651-01-71						
CATEGORY 010						
STAGE 3						
C.T.H. N/C.T.H. R	0.5	2950	20460	12.9	740	
DETENTION POND	0.4	877	7900	3.8	285	
OBLITERATING CTH N	0.1	171	1542	1.0	62	
60+00 - 64+75						1424
PROJECT TOTAL	1.0	3998	29902	17.7	1087	1424
PROJECT *6675-00-73						
CATEGORY 010						
STAGE 3						
C.T.H. R	0.5	2960	20470	12.9	740	
93+50 - 101+50						183
121+50 - 123+50						314
125+50 - 130+50						856
131+50 - 135+50						479
PROJECT TOTAL	0.5	2960	20470	12.9	740	1832
ITEM TOTALS	1.5	6958	50372	30.6	1827	3256

3

STATE PROJECT NUMBER: 6651-01-71 6675-00-73 | HWY: C.T.H. N / C.T.H. R | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 N/A | SHEET NO: 97 | E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223 00\cad\mqcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:13 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

TRAFFIC CONTROL

STATION	TRAFFIC CONTROL DRUMS			TRAFFIC CONTROL BARRICADES, TYPE III			TRAFFIC CONTROL WARNING LIGHTS TYPE A			TRAFFIC CONTROL WARNING LIGHTS TYPE C			TRAFFIC CONTROL SIGNS			FLEXIBLE TUBULAR MARKER		TRAFFIC CONTROL COVERING SIGNS* EACH
	TIME DAYS	NO.	QUANTITY DAYS	TIME DAYS	NO.	QUANTITY DAYS	TIME DAYS	NO.	QUANTITY DAYS	TIME DAYS	NO.	QUANTITY DAYS	TIME DAYS	NO.	QUANTITY DAYS	POSTS EACH	BASES EACH	
PROJECT *6651-01-71																		
CATEGORY 010																		
STAGE 1	72	132	9504	72	84	6048	72	113	8136	72	161	11592	72	49	3528			
STAGE 2	42	68	2856	42	124	5208	42	168	7056	42	109	4578	42	71	2982			
STAGE 3	2	63	126	2	11	46	2	55	110	2	42	84	2	23	46			
STAGE 4	1			1	3	9	1			1	3	3	1	3	3	26	26	4
PROJECT TOTAL			12486			11311			15302			16257			6559	26	26	4
PROJECT *6675-00-73																		
CATEGORY 010																		
STAGE 1	72	280	20160	72	51	3672	72	102	7344	72	280	20160	72	20	1440			
STAGE 2	42	230	9660	42	37	1554	42	74	3108	42	230	9660	42	15	630			
STAGE 3	3	32	96	3	0	0	3	0	0	3	32	96	3	0	0			
PROJECT TOTAL			29916			5226			10452			29916			2070			
ITEM TOTAL			42402			16537			25754			46173			8629	26	26	4

* COVER SIGNS 157, 162, 168, AND 176

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N / C.T.H. R	COUNTY: MARATHON	MISCELLANEOUS QUANTITIES	SCALE, FEET 0 N/A	SHEET NO: 98	E

FILE NAME : e:\trans\widot\0223.00\cad\mqcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:13 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

SIGNS & POSTS

STATION	LOCATION	PLATE NO.	SIGN NO.	SIZE IN X IN	SIGNS, TYPE II, REFLECTIVE S.F.	WOOD POSTS 4X6-INCH X 14-FT EACH	OVERHEAD SIGN SUPPORT STRUCTURE L.S.	REMARKS
PROJECT *6651-01-71								
CATEGORY 010								
STAGE 3								
C.T.H. N								
60+35	LT	R4-7	102	24X30	5.00	1		
60+55	LT	R1-1	101	30X30	6.25	1		
		R6-3		24X18	3.00			
61+25	RT	R1-1	104	30X30	6.25	1		
		R6-3		24X18	3.00			
61+45	LT	R4-7	103	24X30	5.00	1		
63+50	RT	M2-1	99	21X15	2.20	1		
		M1-5A		24X24	4.00			
64+20	LT	R4-7	106	24x30	5.00	1		
64+40	LT	R1-1	105	30X30	6.25	1		
		R6-3		24X18	3.00			
65+10	RT	R1-1	108	30X30	6.25	1		
		R6-3		24X18	3.00			
65+35	LT	R4-7	107	24X30	5.00	1		
66+00	RT	W3-3	109	36X36	9.00	1		
66+00	LT	W3-3	110	36X36	9.00	1		
66+00	LT	R2-1	111	24X30	5.00	1		
66+60	RT	M1-5A	112	24X24	4.00	2		
		M3-1		24X12	2.00			
		M6-1		21X21	3.00			
		M4-5		24X21	3.50			
		M5-1R		21X21	3.00			
		M3-2		24X12	2.00			
		M1-5A		24X24	4.00			
67+20	RT	R3-7R	113	30X30	6.25	1		
67+50	LT	M3-4	114	24X12	2.00	1		
		M1-5A		24X24	4.00			
NEAR RT CROSS ST.	LT	W14-1	115	30X30	6.25	1		
4'L'+10	CTR	W5-56	117	(5)18X18	11.25	1		
5'L'+65	CTR	W5-56	118	(5)18X18	11.25	1		
6'L'+10	LT	W5-56	116	(5)18X18	11.25	1		
NEAR RT CROSS ST.	RT	W14-1	119	30X30	6.25	1		
69+00	CTR	R3-5L	120	42X48	14.00	2	1	ATTACH TO STRUCTURE 5-37-34
	CTR	R3-5A		42X48	14.00			
	CTR	R3-5A		42X48	14.00			
	CTR	R3-5R		42X48	14.00			
70+60	LT	R10-4L	140	9X12	0.75	1		
70+60	CTR	R1-1F	122	36X36	9.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
70+60	RT	R1-1F	123	36X36	9.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
70+61	CTR	R4-7	124	24X30	5.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
87+00	CTR	R4-7	125	24X30	5.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
70+60	RT	M3-1		24X12	2.00			
		M1-5A	121	24X24	4.00	2		
		M6-1		21X21	3.00			
		M4-5		24X12	2.00			
		M1-4		24X24	4.00			
		M3-2		24X12	2.00			
		M1-5A		24X24	4.00			
		M6-1		21X21	3.00			
87+01	CTR	R1-1F	126	36X36	9.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
87+01	LT	R1-1F	127	36X36	9.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
87+10	LT	M1-5A	129	24X24	4.00	2		
		M6-1		21X21	3.00			
		M1-5A		24X24	4.00			
		M6-1		21X21	3.00			
		M3-4		24X12	2.00			
		M3-1		24X12	2.00			
87+20	LT	R1-1	130	36X36	9.00	1		
87+20	LT	W12-1D	128	24X24	4.00	1		
73'R'+55	RT	M1-5A	131	24X24	4.00	1		
		M3-1		24X12	2.00			
83'P'+25	RT	W3-3	142	36X36	9.00	1		
83'P'+00	RT	R3-8	143	30X36	7.50	1		
85'P'+75	CTR	R1-1F	144	36X36	9.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
		R10-11B		24X24	4.00			
85'P'+75	RT	R1-1F	145	36X36	9.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
85'P'+76	CTR	R4-7	146	24X30	5.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
71'R'+90	CTR	R4-7	147	24X30	5.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE

C.T.H. R (CONT'D)

85'P'+55	RT	M3-1	141	21X21	3.00	2		
		M1-5A		24X24	4.00			
		M6-1		21X21	3.00			
		M3-4		24X12	2.00			
		M1-5A		24X24	4.00			
		M6-1		21X21	3.00			
		M4-5		24X12	2.00			
		M1-4		24X24	4.00			
		M3-2		24X12	2.00			
		M1-5A		24X24	4.00			
		M6-1		21X21	3.00			
71'R'+90	CTR	R10-4R	148	9X12	0.75	1		BAND SIGN TO TRAFFIC SIGNAL POLE
71'R'+90	LT	R1-1F	149	36X36	9.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
71'R'+90	CTR	R1-1F	150	36X36	9.00	1		BAND SIGN TO TRAFFIC SIGNAL POLE
72'R'+50	LT	M3-4	151	24X12	2.00	2		
		M1-5A		24X24	4.00			
		M6-1		21X21	3.00			
		M4-5		24X12	2.00			
		M1-4		24X24	4.00			
		M3-2		24X12	2.00			
		M1-5A		24X24	4.00			
		M6-1		21X21	3.00			
		MR4-6		24X12	2.00			
		M1-5A		24X24	4.00			
88+75	CTR	R3-5L	152	42X48	14.00	2	1	ATTACH TO STRUCTURE 5-37-35
	CTR	R3-5L		42X48	14.00			
	CTR	R3-6R		42X48	14.00			
89+75	LT	W3-3	153	36X36	9.00	1		
91+40	LT	W3-3	178	36X36	9.00	1		
74'R'+25	RT	W1-4R	155	30X30	6.25	1		
		W13-1		18X18	2.25			
75'R'+00	RT	R2-1	156	24X30	6.00	1		
75'R'+00	LT	W3-3	158	36X36	9.00	1		
75'R'+00	CTR	W3-3	159	36X36	9.00	1		
90'R'+40	RT	W11-2	157	30X30	6.25	1		
		W16-7L		24X12	2.00			
76'R'+00	LT	M4-5	160	24X12	2.00	2		
		M1-4		24X24	4.00			
		M5-1L		21X21	3.00			
		M2-1		21X15	2.20			
		M1-5A		24X24	4.00			
83'R'+50	RT	M1-5A	161	24X24	4.00	1		
		M3-1		24X12	2.00			
90'R'+40	LT	W11-2	162	30X30	6.25	1		
		W16-7L		24X12	2.00			
84'R'+50	LT	W1-4R	163	30X30	6.25	1		
		W13-1		18X18	2.25			
85'R'+25	LT	R2-1	164	24X30	5.00	1		
86'R'+65	LT	R1-1	165	30X30	6.25	1		
		R6-3A		24X18	3.00			
86'R'+50	CTR	R4-7	166	24X30	5.00	1		
87'R'+60	CTR	R4-7	167	24X30	5.00	1		
88'R'+85	CTR	W11-2	168	30X30	6.25			
		W16-9P		24X10	3.00			
90'R'+50	LT	R1-1	169	30X30	6.25	1		
		R6-3A		24X18	3.00			
90'R'+35	CTR	R4-7	170	24X30	5.00	1		
86'R'+40	RT	W6-2	173	36X36	9.00	1		
3'T'+70	RT	R3-8	177	30X36	7.50	1		
PROJECT TOTALS					664.5	71.00	2	
PROJECT *6675-00-73								
CATEGORY 010								
STAGE 3								
C.T.H. R								
93'R'+25	RT	R2-1	171	24X30	5.00	1		
93'R'+70	LT	W11-2	176	30X30	6.25	1		
		W16-9P		24X10	2.00			
96'R'+10	LT	W6-1	174	36X36	9.00	1		
116'R'+00	LT	R1-1	172	30X30	6.25	1		
140'R'+75	RT	R2-1	175	24X30	5.00	1		
PROJECT TOTALS					33.50	5.00	0	
ITEM TOTAL					698	76	2	

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71 6675-00-73 | HWY: C.T.H. N / C.T.H. R | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 N/A | SHEET NO: 99 | E

FILE NAME : e:\trans\widot\0223.00\cad\mqcthn01.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:13 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

REVISED

PROJECT *6651-01-71 STA 75 'R' +50 LEFT TURN LANE*					
BASE AGGREGATE	DENSE 1¼ INCH TONS	OMP BASE AGGREGATE TONS			
	+ 215	+ 215			
CONCRETE ITEMS	CONCRETE CURB & GUTTER 18-INCH TYPE D L.F.	CONCRETE MEDIAN SLOPED NOSE S.F.	CONCRETE ~~SIDEWALK 4-INCH~~ SAFETY ISLAND S.F.		
	- 75	+ 138	+ 606		
CONSTRUCTION STAKING	CURB & GUTTER L.F.				
	- 75				
HMA PAVEMENT	HMA PAVEMENT TYPE E-3 TON	OMP HMA PAVEMENT NUCLEAR DENSITY TON	ASPHALTIC MATERIAL FOR PLANT MIXES TON	TACK COAT GAL.	OMP HMA MIXTURE TON
	+ 100	+ 100	+ 6	+ 8	+ 100
TOPSOIL, FERTILIZER, SEED & EROSION CONTROL	EROSION MAT DELOVERED CLASS II URBAN, TYPE A S.Y.	EROSION MAT INSTALLED CLASS II URBAN, TYPE A S.Y.	SEEDING MIXTURE NO 30 LBS.	FERTILIZER TYPE B CWT	TOPSOIL S.Y.	MULTCHING S.Y.
	- 310	- 310	- 7	- 0.04	- 310	- 310
SIGNS & PAVEMENT MARKING	EPOXY CHANNELIZING 8-INCH L.F.	ARROWS EPOXY TYPE 2 EACH	WOOD POSTS 4X6-INCH X 14 FOOT EACH	SIGNS TYPE II REFLECTIVE S.F.**	CURB EPOXY L.F.	WORDS EPOXY EACH
	+ 92	+ 1	+ 1	+ 1	+ 36	+ 1

* ADD ITEMS WITH "+" SUBTRACT ITEMS WITH "-" FROM TOTAL QUANTITIES

* * TWO ADDITIONAL R4-7 SIGNS REQ'D AS NOTED IN PLAN. ONE W3-3 SIGN REMOVED.

CMCP 28'

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	MISCELLANEOUS QUANTITIES CHANGE	SCALE, FEET 0 N/A	SHEET NO: 99A	E

PROJECT *6651-01-71 LILY LANE LEFT TURN LANE*

BASE AGGREGATE	DENSE 1¼ INCH TONS *	OMP BASE AGGREGATE TONS *			
	+ 220	+ 220			
CONCRETE ITEMS	CONCRETE CURB & GUTTER 18-INCH TYPE D L.F. *	CONCRETE MEDIAN SLOPED NOSE S.F. *	CONCRETE ~~SIDEWALK 4-INCH~~ SAFETY ISLAND S.F. *		
	- 57	- 5	+ 956		
CONSTRUCTION STAKING	CURB & GUTTER L.F. *				
	- 57				
HMA PAVEMENT	HMA PAVEMENT TYPE E-3 TON *	OMP HMA PAVEMENT NUCLEAR DENSITY TON *	ASPHALTIC MATERIAL FOR PLANT MIXES TON *	TACK COAT GAL. *	OMP HMA MIXTURE TON *
	+ 75	+ 75	+ 5	+ 6	+ 75
MANHOLES, INLETS, PIPE	INLETS TYPE B EACH *	TYPE M-S EACH *	18-INCH L.F. *	INLET PROTECTION TYPE A EACH *	INLET PROTECTION TYPE B EACH *
	- 1	- 1	+ 11	- 1	- 1

TOPSOIL, FERTILIZER, SEED & EROISION CONTROL	EROSION MAT DELOVERED CLASS II URBAN, TYPE A S.Y. *	EROSION MAT INSTALLED CLASS II URBAN, TYPE A S.Y. *	SEEDING MIXTURE NO 30 LBS. *	FERTILIZER TYPE B CWT *	TOPSOIL S.Y. *	MULTCHING S.Y. *
	- 400	- 400	- 5	- .04	- 240	- 240

PAVEMENT MARKING	EPOXY CHANNELIZING 8-INCH L.F. *	ARROWS EPOXY TYPE 2 EACH *	WORDS EPOXY EACH *	CURB EPOXY L.F. *	
	+ 120	+ 1	+ 1	- 31	

* ADD ITEMS WITH "+" SUBTRACT ITEMS WITH "-" FROM TOTAL QUANTITIES

3

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	MISCELLANEOUS QUANTITIES CHANGE	SCALE, FEET 0 N/A	SHEET NO: 99R	E

FILE NAME : e:\Trans\Widot\0223.00\CAD\MQCTHN03.dgn PLOT DATE: 5/13/2004 PLOT TIME: 2:51:47 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 43

PULL BOXES, STEEL SCHEDULE

NUMBER	STATION	OFFSET	PULL BOXES STEEL 24x36-INCH (EACH)	PULL BOXES STEEL 18x24-INCH (EACH)
PB-1	70+75.03	60.0' RT	1	
PB-2	70+68.19	15.5' LT	1	
PB-3	70+12.00	16.0' LT		1
PB-4	68+12.00	16.0' LT		1
PB-5	70+65.94	62.5' LT	1	
PB-6	85'P'+50.00	34.6' RT		1
PB-7	84'P'+00.00	26.0' RT		1
PB-8	85'P'+76.69	3.0' LT	1	
PB-9	71'R'+87.76	62.5' LT	1	
PB-10	71'R'+86.78	4.7' LT	1	
PB-11	72'R'+41.32	3.9' LT		1
PB-12	73'R'+50.00	4.0' LT		1
PB-13	74'R'+44.40	10.0' LT		1
PB-14	71'R'+87.76	32.2' RT	1	
PB-15	87+06.82	3.4' RT	1	
PB-16	87+35.71	3.7' RT		1
PB-17	88+50.00	4.4' RT		1
PB-18	89+50.0	5.0' RT		1
ITEM TOTALS:			8	10

CONTROL CABINET SCHEDULE

STA.	OFFSET	CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL (EACH)	ELECTRICAL SERVICE METER BREAKER PEDESTAL, CTH N (L.S.)	SIGNAL MOUNTING HARDWARE CTH N/CTH R (L.S.)
70+69.93	69.5' RT	1	1	1
ITEM TOTALS:		1	1	1

NON METALLIC CONDUIT SCHEDULE

FROM	TO	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH (L.F.)	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH (L.F.)
CB 1	PB 1	12	60
PB1	PB2		152
PB 1	SB 1	22	
PB1	SB12	22	
PB2	PB3	58	
PB2	SB2	10	
PB3	PB4	200	
PB2	PB5		96
PB5	PB6	46	
PB5	SB3	10	
PB5	SB4	26	
PB6	PB7	150	
PB5	PB8		140
PB8	PB9		112
PB8	SB5	6	
PB9	SB6	25	
PB9	SB7	16	
PB9	PB10		116
PB10	SB8	10	
PB10	PB11	56	
PB11	PB12	110	
PB12	PB13	96	
PB10	PB14		76
PB14	SB9	34	
PB14	SB10	6	
PB14	PB15		116
PB15	PB16	38	
PB15	SB11	12	
PB16	PB17	108	
PB17	PB18	102	
PB15	PB1		124
ITEM TOTALS:		1175	992

CABLE & WIRING SCHEDULE

FROM	TO	CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	CABLE TRAFFIC SIGNAL 21-14 AWG L.F.	ELECTRICAL WIRE, TRAFFIC SIGNALS, 10 AWG L.F.	ELECTRICAL WIRE, LIGHTING, 12 AWG L.F.
CB1	SB1		50		
SB1	SB12		60		
CB1	SB2	120			600
CB1	SB3		174		
SB3	SB4		54		
CB1	SB5		245		1108
CB1	SB6		293		
SB6	SB7		58		
CB1	SB8	215			964
CB1	SB10		166		
CB1	SB11		110		568
CB1	SB9				454
SB12	PB1			27	
SB2	PB2			16	
SB3	PB5			16	
SB5	PB8			10	
SB7	PB9			22	
SB8	PB10			16	
SB10	PB14			12	
SB11	PB15			18	
ITEM TOTALS:		335	1210	137	3694

3

LEVELS ON 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-01-71 | HWY: C.T.H. N | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 NTS | SHEET NO: 1ϕϕ | E

FILE NAME : e:\trans\widot\0223.00\cad\mqcthn02.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:14 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

TRAFFIC SIGNAL AND LIGHTING SCHEDULE

SIGNAL BASE NUMBER	PEDESTAL BASES (EACH)	TRANSFORMER BASES, STANDARD, 11 1/2 INCH BOLT CIRCLE (EACH)	POLES, TYPE 2 (EACH)	POLES, TYPE 4 (EACH)	POLES, TYPE 5 (EACH)	TRAFFIC SIGNAL STANDARDS, ALUM., 13-FOOT (EACH)	TRAFFIC SIGNAL STANDARDS, ALUM., 15-FOOT (EACH)	TROMBONE ARMS, 20 FOOT (EACH)	LUMINAIRES, 150 W (EACH)	LUMINAIRE ARM SINGLE MEMBER, 4.5-INCH CLAMP, 6-FOOT (EACH)
SB1	1						1			
SB2		1		1					2	2
SB3		1	1					1		
SB4	1					1				
SB5		1		1					2	2
SB6		1	1					1		
SB7	1					1				
SB8		1		1					2	2
SB9		1			1				1	1
SB10		1	1					1		
SB11		1		1					2	2
SB12		1	1					1		
ITEM TOTALS:	3	9	4	4	1	2	1	4	9	9

TRAFFIC SIGNAL & LIGHTING SCHEDULE (CONTINUED)

SIGNAL BASE NUMBER	LED TRAFFIC SIGNAL 3-12 INCH, VERTICAL* (EACH)	LED TRAFFIC SIGNAL 3-12 INCH, HORIZONTAL* (EACH)	LED TRAFFIC SIGNAL 4-12 INCH, VERTICAL* (EACH)	LED TRAFFIC SIGNAL 5-12 INCH, VERTICAL* (EACH)	LED TRAFFIC SIGNAL 5-12 INCH, HORIZONTAL* (EACH)	LED PEDESTRIAN SIGNAL 2-12 INCH, VERTICAL* (EACH)	PEDESTRIAN PUSH BUTTONS (EACH)
SB1				1			
SB2				2			
SB3		1				1	1
SB4	1						
SB5			2				
SB6		1					
SB7	1					1	1
SB8				2			
SB10	1				1		
SB11			2				
SB12		1					
ITEM TOTALS:	3	3	4	5	1	2	2

CONCRETE BASE SCHEDULE

SIGNAL BASE *	STATION	OFFSET	CONCRETE BASES TYPE 1 (EACH)	CONCRETE BASES TYPE 2 (EACH)	CONCRETE BASES TYPE 5 (EACH)
SB-1	70+59	47.6' RT	1		
SB-2	70+59	16.0' LT		1	
SB-3	70+59	55.2' LT		1	
SB-4	85'P'+72	42.1' RT	1		
SB-5	85'P'+72	3.0' LT		1	
SB-6	85'P'+80	38.3' LT		1	
SB-7	72'R'+00	54.8' LT	1		
SB-8	71'R'+95	4.0' LT		1	
SB-9	72'R'+22	32.4' RT			1
SB-10	71'R'+85	35.8' RT		1	
SB-11	71'R'+34	46.7' RT		1	
SB-12	70+93	68.5' RT		1	
ITEM TOTALS:			3	8	1

LOOP DETECTOR SCHEDULE

LOOP NUMBER	STATION	OFFSET	SIZE	* OF TURNS (EACH)	LOOP DETECTOR CONDUIT (L.F.)	LOOP DETECTOR SLOTS (L.F.)	LOOP DETECTOR LEAD IN CABLE (L.F.)	LOOP DETECTOR WIRE (L.F.)
11	70+32.91	6.0' LT	6' X 20'	3	60	-	154	172
12	70+62.97	6.0' LT	6' X 20'	3	60	-	98	172
21	74'R'+45	26.0' LT	6' X 6'	5	34	-	438	144
22	74'R'+45	38.0' LT	6' X 6'	5	40	-	438	168
31	89+50.75	6.0' LT	6' X 6'	4	30	-	335	110
32	89+50.75	18.0' LT	6' X 6'	4	42	-	335	136
33	89+50.75	30.0' LT	6' X 6'	4	52	-	335	160
34	87+15.11	6.8' LT	6' X 20'	3	58	-	125	164
35	87+15.11	18.0' LT	6' X 20'	3	68	-	125	188
36	86+92.47	6.0' LT	6' X 20'	3	58	-	84	170
37	86+92.47	18.0' LT	6' X 20'	3	68	-	84	192
38	86+92.47	30.0' LT	6' X 20'	3	70	-	84	186
41	84'P'+00	11.5' RT	6' X 6'	5	36	30	338	142
42	85'P'+48.69	6.5' RT	6' X 20'	3	78	-	190	202
43	85'P'+78.74	7.0' RT	6' X 20'	3	58	-	215	166
44	85'P'+77.52	20.3' RT	6' X 20'	3	70	-	215	192
51	71'R'+91.25	14.0' LT	6' X 20'	3	64	-	235	168
52	72'R'+21.14	13.4' LT	6' X 20'	3	64	-	180	168
61	68+03.97	6.0' RT	6' X 6'	4	44	-	355	136
62	68+03.97	18.0' RT	6' X 6'	4	56	-	355	158
63	70+62.98	33.9' RT	6' X 20'	3	78	-	18	204
ITEM TOTALS:					1188	30	4736	3498

3

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

STATE PROJECT NUMBER: 6651-01-71 | HWY: C.T.H. N | COUNTY: MARATHON | MISCELLANEOUS QUANTITIES | SCALE, FEET 0 NTS | SHEET NO: 101 | E

FILE NAME : e:\trans\widot\0223.00\cad\mqcthn03.dgn PLOT DATE: 12/17/2003 PLOT TIME: 9:43:14 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

CONVENTIONAL SIGNS AND ABBREVIATIONS

A.P.	ACCESS POINT
AC.	ACRES
AG.	AGRICULTURAL
A.H.	AHEAD
ALUM.	ALUMINUM
ET.AL.	AND OTHERS
BLDG.	BUILDING
ASPH.	ASPHALT
C.E.	COMMERCIAL ENTRANCE
C.M.	CABLE MARKER
℄	CENTERLINE
C.T.H.	COUNTY TRUNK HIGHWAY
C.S.M.	CERTIFIED SURVEY MAP
CONC.	CONCRETE
COR.	CORNER
CULV.	CULVERT
d/b/a	DOING BUSINESS AS
FDN.	FOUNDATION
F.E.	FIELD ENTRANCE
FRL.	FRACTIONAL
G.	GARAGE
G.M.	GAS MARKER
G.P.	GAS PUMPS
GRAV.	GRAVEL
HSE.	HOUSE
ha	HECTARES
I.P.	IRON PIPE OR PIN
km	KILOMETER
LT.	LEFT
L	LENGTH OF CURVE
L.C.	LONG CHORD OR LAND CONTRACT
L.C.B.	LONG CHORD BEARING
M.H.	MANHOLE
m	METERS
MON.	MONUMENT
O.L.	OUTLOT
P.	PAGE
P.D.	PRIVATE DRIVEWAY
P.E.	PRIVATE ENTRANCE
P.K.	PARKER-KALON
P.L.E.	PERMANENT LIMITED EASEMENT
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
P.L.	PROPERTY LINE
R	RADIUS OR RANGE
R.R.	RAILROAD
℞	REFERENCE LINE
R.D.E.	RESTRICTED DEVELOPMENT EASEMENT
RT.	RIGHT
R/W	RIGHT OF WAY
SEC.	SECTION
S.	SHED
m2	SQUARE METER
S.T.H.	STATE TRUNK HIGHWAY
STA.	STATION
T	TANGENT LENGTH OF CURVE OR TOWN
TAV.	TAVERN
T.I.	TEMPORARY INTEREST
USH	UNITED STATES HIGHWAY
VOL.	VOLUME
X	EAST COORDINATE (GRID)
Y	NORTH COORDINATE (GRID)
N	NORTH COORDINATE (GROUND) OR NORTH
E	EAST COORDINATE (GROUND), EAST OR EXTERNAL
Δ	CENTRAL ANGLE OR DELTA

STATE LINE
COUNTY LINE
TOWN OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
PROPOSED OR NEW R/W LINE
EXISTING R/W LINE
LOT LINE
P.L. + 58.1 — PROPERTY LINE
NO ACCESS (By Previous Acquisition)
NO ACCESS (By Acquisition)
NO ACCESS (By Statutory Authority)
LIMITED EASEMENT (Temporary or Permanent)
CORPORATE LIMITS

SECTION CORNER
RIGHT OF WAY POINT (NOT MONUMENTED)
RIGHT OF WAY POINT (MONUMENTED)
(Type) RECOVERED IRON PIN/PIPE
TRIANGULATION POINT OR HORIZONTAL CONTROL STATION
INLET
HYDRANT

COMPENSABLE	NON COMPENSABLE	
●	⊖	TELEPHONE POLE
■	□	POWER POLE

(243) RIGHT OF WAY POINT NUMBER

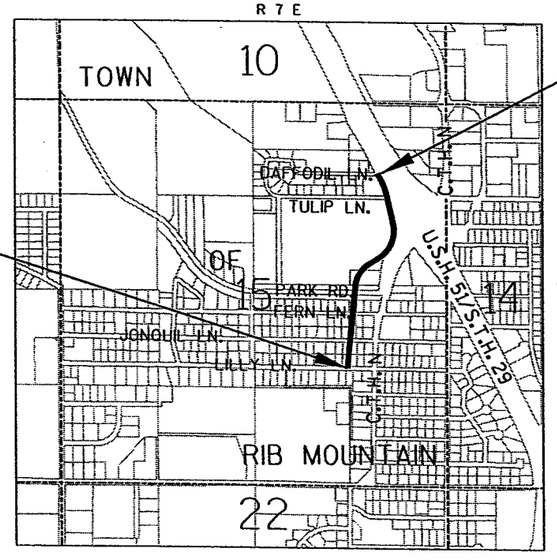
(Size) W — WATER
(Size) G — GAS
T — TELEPHONE OR TELEGRAPH
E — ELECTRIC
TV — CABLE TELEVISION
FO — FIBER OPTIC
(Size) SAN — SANITARY SEWER
(Size) SS — STORM SEWER
CAUTION — NOTATION FOR COMBUSTIBLE FLUIDS
SERVICE PEDESTAL
(Label) SILO, MANHOLE OR WELL, ETC.

RAILROAD
BRIDGE
(Label) BUILDING
(Label) FOUNDATION OR RUINS
FENCE
MARSH AREA
LAKE OR POND
WOODED OR SHRUB AREA
TREE

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
6651-01-21		
FEDERAL PROJECT NUMBER	4.1	6

PLAT OF RIGHT OF WAY REQUIRED FOR
WEST ARTERIAL
LILLY LANE- DAFFODIL LANE
WEST ARTERIAL — MARATHON COUNTY
1Ø2

R 7 E



T 28 N

GN

BEGIN RELOCATION ORDER
STA. 60+86.24

Y= 182,531.1517
X= 274,891.5311

1040.02 FEET SOUTH AND 1382.89 FEET WEST OF THE EAST QUARTER CORNER OF SECTION 15, T28N, R7E

END RELOCATION ORDER
STA. 90+57.34

Y= 185,236.4073
X= 275,311.2978

1666.18 FEET NORTH AND 969.24 FEET WEST OF THE EAST QUARTER CORNER OF SECTION 15, T28N, R7E

LAYOUT
0 0.25 mi
SCALE

TOTAL NET LENGTH OF CENTERLINE = 0.563 mi

NOTES:

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, MARATHON COUNTY (ENGLISH) NAD 83, 1991 ADJUSTMENT. ALL DISTANCES ARE GROUND LENGTH.

RIGHT OF WAY MONUMENTS ARE TYPE II AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

ACCEPTED FOR
MARATHON COUNTY
4/24/02 Glenn Speidl
(Date) (Signature & Title of Official)

ORIGINAL PLANS PREPARED BY
ENGINEERS ■ ARCHITECTS ■ PLANNERS

WISCONSIN
DUANE A. HOLMAN
S-1294
BLOOMER, WIS.
LAND SURVEYOR

4-19-2002 Duane A. Holman
(Date) (Signature)

REVISION DATE	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
	APPROVED FOR DISTRICT OFFICE: DATE: 4-19-02

ORIGINAL

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED OR S.F.			TOTAL ACRES REM.	P.L.E. ACRES	T.I. ACRES
					NEW	EXISTING	TOTAL			
1	4.4	THOMAS J. STIEBER & MARY ELLEN STIEBER	FEE, P.L.E.	0.37 AC	0.32 AC	-	0.32 AC	0.05 AC	0.05 AC	-
2	4.4	PETER MEYER	FEE	0.27 AC	0.27 AC	-	0.27 AC	0.00 AC	-	-
3	4.4	ANGELA M. COOK	P.L.E.	0.48 AC.	-	-	-	0.48 AC.	0.10 AC.	
5	4.4	WMS, LLC	FEE, P.L.E.	0.73 AC	0.51 AC	-	0.51 AC	0.22 AC	0.09 AC	-
6	4.4	BILLY YING FOOK MOY & MARIE YOOK HUNG MOY	FEE, P.L.E..	0.73 AC	0.45 AC	-	0.45 AC	0.28 AC	0.11 AC	-
9	4.4	BARBARA ANN KIEPKE	FEE, P.L.E.	0.76 AC	0.06 AC	-	0.06 AC	0.70 AC	0.08 AC	-
				-	-	-	-	-	-	-
11	4.4	STATE OF WISCONSIN	FEE	7.92 AC	3.13 AC	-	3.13 AC	4.79 AC	-	-
12	4.4	NATHANIAL A. FRANSON, MARK A. FRANSON, AARON FRANSON & MATTHEW FRANSON	FEE, P.L.E.	0.38 AC	0.18 AC	-	0.18 AC	0.20 AC	0.20 AC	-
13	4.4	STEVEN C. SLEETER & MARY ELLEN SLEETER	FEE, P.L.E.	0.37 AC	0.22 AC	-	0.22 AC	0.15 AC	0.15 AC	-
16	4.4	DOUGLASS SEEBER AND SUE-CLAIRE SEEBER REVOCABLE TRUST	FEE	0.91 AC	0.03 AC	-	0.03 AC	0.88 AC	-	-
17	4.4	RONALD J. WASKOWIAK & VERONICA B. WASKOWIAK	FEE	0.76 AC	0.76 AC	-	0.76 AC	0.00 AC	-	-
20	4.5	MARATHON COUNTY	FEE	1.98 AC	1.98 AC	-	1.98 AC	0.00 AC	-	-
21	4.5	IMMANUEL BAPTIST CHURCH	FEE, ACCESS RIGHTS	37.67 AC	2.85 AC	-	2.85 AC	34.82 AC	-	-
22	4.6	LYLE S. ASCHEBROOK & PHYLLIS ASCHEBROOK	FEE, ACCESS RIGHTS	1.55 AC	0.45 AC	-	0.45 AC	1.10 AC	-	-
60	4.4,4.5,4.6	WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC	RELEASE OF RIGHTS							
62	4.5	AMERICAN TRANSMISSION COMPANY, INC	RELEASE OF RIGHTS							

PROPOSED R/W POINT NUMBER AND COORDINATE TABLE

PT*	STATION	OFFSET	Y	X	PT*	STATION	OFFSET	Y	X
937	60+79.99	65.00' LT	182531.4353	274826.2321	941	71+97.37	350.00' LT	183671.7093	274654.3988
936	60+91.90	65.00' RT	182530.2797	274956.7709	943	72+21.26	95.00' LT	183671.1313	274910.6639
362	61+09.23	74.20' LT	182561.4461	274819.9979	6139	73+85.83	129.12' LT	183878.6890	274941.6600
					946	75+00.00	100.00' LT	183977.6199	275051.3554
980	64+33.69	99.67' LT	182886.8290	274827.1020	947	78+00.00	85.00' LT	184139.8608	275322.7077
					918	78+21.50	91.41' RT	184013.4686	275447.5812
377	65+00.41	65.00' RT	182936.7494	274997.6229	912	78+33.32	209.42' RT	183933.2790	275535.6261
376	65+02.04	81.23' RT	182936.7418	275013.9317	429	79+50.00	75.00' LT	184220.5697	275413.1121
981	66+50.00	85.00' LT	183100.5858	274863.3335	909	79+81.81	53.43' RT	184180.6209	275538.9428
375	66+68.65	65.00' RT	183104.1400	275014.4463	948	82+86.27	75.00' LT	184485.0507	275461.7601
346	67+75.00	85.00' LT	183224.9593	274875.8335	904	83+06.23	59.87' RT	184533.7523	275589.1066
347	67+75.00	140.00' LT	183230.4593	274821.1092	430	83+50.00	80.00' LT	185546.1807	275443.0743
348	68+01.17	140.00' LT	183256.4972	274823.7261	983	85+83.33	80.00' LT	184773.9729	275392.5289
349	68+06.63	85.00' LT	183256.4283	274878.9963	954	86+61.43	80.00' LT	184846.6339	275374.8234
935	68+71.76	65.00' RT	183306.2343	275034.7577	905	86+61.32	61.66' RT	184882.8951	275511.7674
966	68+80.96	157.66' RT	183306.1183	275127.8751	925	86+84.64	158.42' LT	184847.0174	275293.4504
939	69+96.54	350.00' LT	183471.8930	274634.3164	949	87+70.69	134.53' LT	184929.9093	275293.2450
982	70+22.57	85.00' LT	183471.2924	274900.5911	950	87+70.69	80.00' LT	184946.9320	275345.0480
938	70+24.54	65.00' LT	183471.2470	274920.6873	907	89+88.25	61.12' RT	185199.8540	275396.8941
965	70+44.84	141.70' RT	183470.7785	275128.3814	955	90+34.64	80.00' LT	185180.7922	275249.6517
916	70+70.49	402.80' RT	183470.1867	275390.7326	967	90+57.34	122.83' LT	185180.8730	275201.7405
940	70+97.03	350.00' LT	183571.8706	274644.3646	985	90+57.34	59.23' RT	185263.1879	275364.1302
913	71+72.07	414.02' RT	183570.1389	275412.0571					

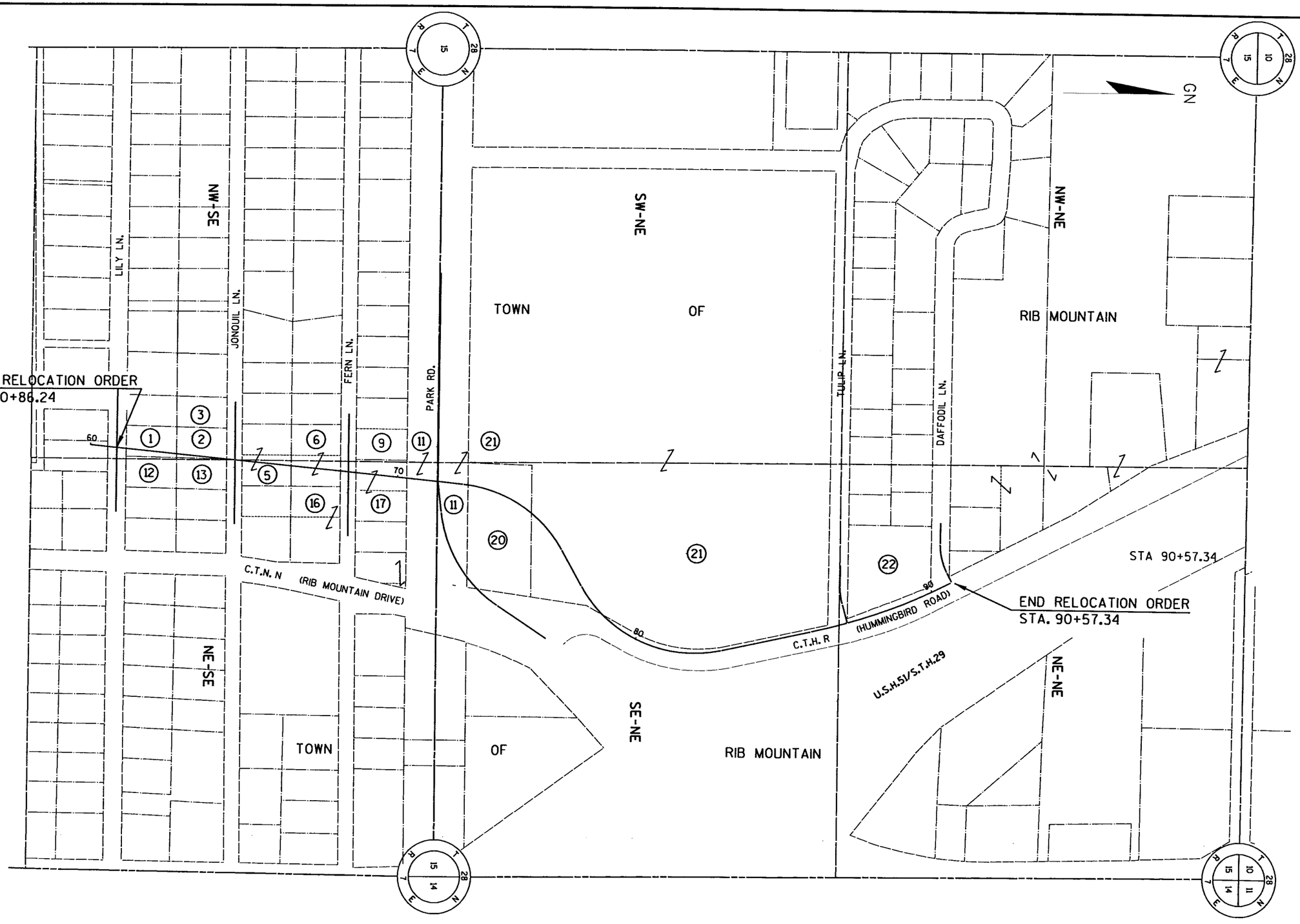
RECOVERED LOT/BLOCK CORNERS AND COORDINATE TABLE

STATION	OFFSET	Y	X	MONT. DESC.	STATION	OFFSET	Y	X	MONT. DESC.
60+99.64	173.99' LT	182561.8790	274719.7490	BOLT	70+54.56	241.27' RT	183470.4890	275228.4220	1"IP
61+18.62	25.35' RT	182560.8300	274919.9960	1"IP	70+65.72	356.83' RT	183470.0420	275344.5170	1"IP
62+61.76	186.63' LT	182724.4590	274723.3880	1"IP	72+23.52	71.09' LT	183671.0770	274934.7240	1.5"IP
64+33.69	99.67' LT	182886.8290	274827.1020	1"IP	73+85.83	129.12' LT	183878.6890	274941.6600	1.5"IP
64+43.67	0.09' RT	182886.7760	274927.3680	1"IP	77+00.81	162.59' RT	183878.5030	275368.2850	1"IP
64+72.36	217.20' LT	182937.0530	274714.0340	1"IP	78+11.27	20.30' RT	184061.9770	275394.3210	3/4"REBAR
64+74.19	305.14' RT	182886.6390	275233.9510	2"IP	79+81.31	16.49' LT	184214.1230	275477.5710	3/4"REBAR
64+82.23	117.68' LT	182936.9240	274814.0410	3/4"ROD	86+42.16	9.06' LT	184846.2880	275448.2130	3/4"REBAR
64+96.03	0.61' RT	182938.8230	274933.1130	1"IP	88+13.02	302.58' LT	184911.0910	275122.1140	1"IP
65+02.78	81.16' RT	182937.4850	275013.9340	1"IP	88+55.13	395.77' LT	184911.2850	275022.8160	1"IP
66+60.96	65.74' RT	183096.4200	275014.4130	1"IP	90+91.83	193.44' LT	185178.4640	275123.5930	1"IP,HIT
68+20.05	50.25' RT	183256.2590	275014.9140	1"IP	91+11.61	95.43' LT	185240.9520	275201.6420	1"IP
68+29.90	149.11' RT	183256.1680	275114.2590	1"IP,HIT	91+41.76	284.49' LT	185181.1310	275019.7830	1"IP
68+30.92	339.15' LT	183306.0150	274628.5450	1"IP,HIT	91+76.89	222.40' LT	185240.8010	275058.8780	IP
68+40.34	240.48' LT	183305.5150	274727.6710	1"IP	91+84.98	367.90' LT	185181.3380	274925.8330	1"IP
68+43.10	299.28' RT	183254.2870	275265.0020	1"IP	92+31.23	456.66' LT	185181.7900	274825.7530	1"IP
68+80.78	156.95' RT	183306.0150	275127.1500	1"IP HIT	92+37.89	340.58' LT	185240.8800	274925.8840	1.5"IP
70+25.55	57.42' LT	183471.4980	274928.3350	1"IP HIT	92+57.03	20.78' LT	185404.4130	275201.3740	1"IP
70+44.40	141.74' RT	183470.3360	275128.3800	1"IP	94+13.23	21.55' LT	185542.9030	275129.1310	1"IP

REVISION DATE	DATE	SCALE, FEET	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER 6651-01-71	PS&E SHEET NO: 103	
12-16-2002 6-18-2003	4-19-2002	NOT TO SCALE	COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6651-01-21	PLAT SHEET NO: 4.2	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



REVISION DATE	DATE				
12-16-2002 6-18-2003	4-19-2002	NOT TO SCALE	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER 6651-01-71	PS&E SHEET NO: 104
			COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6651-01-21	PLAT SHEET NO: 4.3 E

FILE NAME : e:\trans\widot\0223.00\right of way\rlhmerge01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:04:00 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

REVISED

PROJECT: 6651-01-21
PARCEL: 021
INTEREST REQUIRED: FEE, ACCESS RIGHTS
Written by NB 04-15-02 revised DH 12-16-02, JW 5-13-04
Checked by
Deed plotter ___, OK for deed _____
Saved to _:\read\legals\66510121.021.doc

Fee title in and to the following tract of land in Marathon County, State of Wisconsin, described as a parcel of land in Lot 2 of Certified Survey Map No. 7818 as recorded in Volume 30 of Certified Survey Maps on Page 81 being a part of the SW 1/4 of the NE 1/4 and a part of the SE 1/4 of the NE 1/4, all in Section 15, Township 28 North, Range 7 East, Town of Rib Mountain: Said parcel includes that land of the owner contained within the following described traverse:

Commencing at the east one quarter corner of said Section 15;
Thence N 89°52'15" W along the south line of the NE1/4 of said Section 15, a distance of 864.57 feet to a point (Pt No. 913) being the **Point of Beginning;**
Thence S 12°02'36" W, 102.20 feet to a point (Pt No. 916);
Thence N 89°52'15" W, 756.42 feet to a point (Pt No. 939);
Thence N 05°44'21" E, 100.48 feet to a point (Pt No. 940) on the north line of said SE 1/4;
Thence continuing N 05°44'21" E, 100.34 feet to a point (Pt No. 941);
Thence S 89°52'15" E, 256.27 feet to a point (Pt No. 943);
Thence N 08°29'37" E, 209.86 feet to a point (Pt No. 6139);
Thence N 47°57'13" E, 147.72 feet to a point (Pt No. 946);
Thence N 59°07'30" E, 316.16 feet to a point (Pt No. 947);
Thence N 48°14'35" E, 121.19 feet to a point (Pt No. 429);
Thence northerly along a curve to the left, concave to the west, having a radius of 345.07 feet, an arc length of 276.23 feet, and a long chord bearing N 10°25'21" E, 268.92 feet to a point (Pt No.948);
Thence N 09°59'36" W, 113.84 feet to a point (Pt No. 430);
Thence N 12°30'39" W, 183.33 feet to a point (Pt No. 983);
Thence northerly along a curve to the left, concave to the west, having a radius of 1280.00 feet, an arc length of 72.50 feet, and a long chord bearing N 13°39'07" W, 72.49 feet to a point (Pt No.954);
Thence N 89°43'48" W, 91.73 feet to a point (Pt No.925);
Thence N 00°08'31" W, 82.89 feet to a point (Pt No.949);
Thence N 71°48'33" E, 54.53 feet to a point (Pt No.950);
Thence northerly along a curve to the left, concave to the west, having a radius of 1810.00 feet, an arc length of 252.77 feet, and a long chord bearing N 22°11'29" W, 252.57 feet to a point (Pt No.955);
Thence N 89°54'12" W, 47.91 feet to a point (Pt No.967);
Thence N 63°07'11" E, 182.06 feet to a point (Pt No.985);
Thence S 27°21'12" E, 71.31 feet to a point (Pt No.907);

104A

REVISED

Thence southerly along a curve to the right, concave to the west, having a radius of 1303.24 feet, an arc length of 338.08 feet, and a long chord bearing S 19°55'18" E, 337.13 feet to a point (Pt No.905);
Thence S 12°29'24" E, 357.61 feet to a point (Pt No.904);
Thence southerly along a curve to the right, concave to the west, having a radius of 507.46 feet, an arc length of 364.46 feet, and a long chord bearing S 08°05'06" W, 356.68 feet to a point (Pt No.909);
Thence S 28°39'36" W, 190.49 feet to a point (Pt No.918);
Thence S 47°40'24" E, 119.09 feet to a point (Pt No.912);
Thence S 18°47'33" W, 383.59 feet to the **Point of Beginning.**

Said parcel contains 2.78 acres, more or less, exclusive of land previously acquired or now held for highway purposes.

Also acquired herein are all existing or potential common or statutory easements or rights of access between the highway herein designated as West Arterial and Park Road and all of the remaining abutting real property of the owner, whether acquired by separate conveyance or otherwise, where the following described real estate abuts said highway:

That land of the owner in Lot 2 of Certified Survey Map No. 7818 as recorded in Volume 30 of Certified Survey Maps on Page 81 being a part of the SW 1/4 of the NE 1/4 and a part of the SE 1/4 of the NE 1/4 all in Section 15, Township 28 North, Range 7 East, Town of Rib Mountain, Marathon County, Wisconsin.

Except the right of access to said West Arterial from the abutting lands by means of one (1) access point, located between Station 75+35 and Station 75+65 pursuant to the provision of Section 86.07(2), Statutes.

104 B

ROAD NAME	BASIS OF EXISTING R/W	YEAR
C.T.H. N	WISDOT PROJECT TO5-3(14)	1961
SIDE STREET	PLATS- L.M. SHROEDER'S RIB MOUNTAIN 2ND & 3RD ADDITIONS	

NOTE: POINT NO. 913 = STA. 39 "P" + 13.72 PROJECT TO5-3(14)

COURSE DATA		
PT.-PT.	BEARING	DISTANCE
937-362	N11°44'07"W	30.65'
362-980	N01°15'03"E	325.46'
980-981	N09°37'12"E	216.81'
981-346	N05°44'21"E	125.00'
346-347	N84°15'39"W	55.00'
347-348	N05°44'21"E	26.17'
348-349	S89°55'43"E	55.27'
349-982	N05°44'21"E	215.95'
982-938	S89°52'15"E	20.10'

COURSE DATA		
PT.-PT.	BEARING	DISTANCE
935-375	S05°44'21"W	203.11'
375-376	S00°10'34"W	167.40'
376-377	N89°58'24"W	16.31'
377-936	S05°44'21"W	408.52'

BEGIN RELOCATION ORDER
STA. 60+86.24
Y= 182,531.1517
X= 274,891.5311

STA. 60+85.94 M.L. =
STA. 4+89.96 LILLY LN.

STA. 68+40.85 M.L. =
STA. 4+89.95 FERN LN.

STA. 64+71.25 M.L. =
STA. 4+89.95 JONQUIL LN.

1 1/4 " REBAR
Y= 183,574.2414
X= 273,593.3652

1" I.P.
Y= 183,568.1886
X= 276,276.6283

C.T.H. N (RIB MOUNTAIN DRIVE)
S05°44'21"W 1045.46'

REVISION DATE 12-16-2002 6-18-2003	DATE 4-19-2002	SCALE, FEET 0 50 100	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER 6651-01-71	PS&E SHEET NO: 105
	GRID FACTOR N/A		COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6651-01-21	PLAT SHEET NO: 4.4 E

FILE NAME : e:\trans\widot\0223.00\right of way\rdhmerge01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:04:05 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 75

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

11/4 " REBAR
Y= 183,574.2414
X= 273,593.3652

N89°52'15"W 1051.00'

T 28 N R 7 E 15

TOWN

SW-NE 1/16 LINE OF

(21) IMMANUEL BAPTIST CHURCH
LOT 2
CSM #7818
V30, P81

PARKING LOT

150'

RIB MOUNTAIN BLDG.

PARKING LOT

(21) IMMANUEL BAPTIST CHURCH
V.254, P.161
LOT2
CSM #7818, V30, P81

AMERICAN TRANSMISSION COMPANY LLC
POWER LINES, EASEMENT
VOL. 320, P. 469
VOL. 321, P. 425
EASEMENT ASSIGNMENT 1-2-2001

CURVE 1
PI = 74+33.30
Y = 183,871.4584
X = 275,026.2377
Δ = 54°42'20" (RT)
R = 419.79'
D = 13°38'56"
T = 217.16'
L = 400.81'

CURVE 4
PI = 3+99.89
Y = 184,885.0578
X = 275,353.2492
Δ = 16°05'33" (LT)
R = 200.49'
D = 28°34'42"
T = 28.34'
L = 56.31'

L= 74.79'
LC= 74.79'
LCB= N13°41'40"W
R= 1810.00'

941 100.34' N05°44'21"E 940 100' 71+97.37 350'

S89°52'15"E P.L. 256.27'

72+21.26 95' 943

N08°29'37"E 209.86'

73+85.83 129.19' 939

PI 74+33.30

N47°57'13"E 147.72'

75+00 100' 946

N59°07'30"E 76+44 I.A.P. 76+74 316.16'

PC 77+51.39

78+00 85' 947

N48°14'35"E 121.19'

79+50 75' 948

L= 276.23'
LC= 268.92'
LCB= N10°25'21"E
R= 345.07'

SLOPE INTERCEPT

PT 82+86.27

N16°59'49"W 63.92'

83+50 80' 430

N12°30'39"W 233.33'

C.T.H. R (HUMMINGBIRD ROAD)

CURVE 5
PI = 88+28.07
Y = 185,030.2255
X = 275,417.6142
Δ = 14°45'22" (LT)
R = 1,890.00'
D = 3°01'52"
T = 244.73'
L = 486.76'

R= N 12°30'39" W

357.61'

S12°29'24"E

904

(60) WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC

VERIZON NORTH, INC.

N89°52'15"W 351.68' TO REF. LINE

1/4 LINE

R= S 89°41'53" E

100' 85 100'

1/4

STA. 71+32.46 M.L. =
STA. 86+41.79 PARK RD.

767.69'

R= N 5°44'21" E PC 72+16.14

R= N 83°17'52" E

STA. 71+31.40

PC 87+41.82

(11) STATE OF WISCONSIN
VOL. 276, P. 160.

(20) MARATHON COUNTY
DOC. NO. 1270792

PT 76+16.95

R= N 60°26'41" E

CURVE 1

75

A.P.

N89°52'15"W 416.01' TO REF. LINE

PARK ROAD

WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC

I.P.

R/W

90

P.L.

CURVE 2

PI 89+36.82

PT 84+06.95

R= N 33°29'16" E

93

S47°40'24"E 119.09'

912

S28°39'36"W 190.49'

918

S12°23'11"E 132.02'

909

L= 364.46'
LC= 356.68'
LCB= S08°05'06"W
R= 507.46'

SLOPE INTERCEPT

(62) AMERICAN TRANSMISSION COMPANY, LLC

CURVE 3
PI = 80+61.98
Y = 184,198.0886
X = 275,602.2589
Δ = 72°57'20" (LT)
R = 420.07'
D = 13°38'23"
T = 310.58'
L = 534.88'

PI 80+61.98

CURVE 2
PI = 89+36.82
Y = 183,606.5579
X = 275,289.1717
Δ = 49°48'35" (LT)
R = 420.00'
D = 13°38'31"
T = 195.00'
L = 365.13'

WISCONSIN PUBLIC SERVICE CORP. - GAS

S18°47'33"W 383.59'

915

N89°52'15"W 864.57'

C.T.H. N (RIB MOUNTAIN DRIVE)

C.T.H. N (RIB MOUNTAIN DRIVE)

SE-NE

T 28 N R 7 E 15 14

1" I.P.
Y= 183,568.1886
X= 276,276.6283

GN

(INSIDE EDGE OF NORTHBOUND LANE) U.S.H. 51/S.T.H. 29

NOTE: ACCESS ALONG U.S.H. 51/S.T.H. 29 CONTROLLED UNDER PROJECT T05-3(14)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	WISDOT PROJECT T05-3(14)	1961
U.S.H. 51/ PARK ROAD	C.S.M. #7818	1994

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

REVISION DATE	DATE	SCALE, FEET	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER 6651-01-71	PS&E SHEET NO: 10 16	
12-16-2002 6-18-2003	4-19-2002	0 50 100	COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6651-01-21	PLAT SHEET NO: 4.5	E
	GRID FACTOR N/A					

FILE NAME : e:\trans\widot\0223.00\right of way\rdhmerge02.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:04:45 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 75

REVISED

1 1/4 " REBAR
Y= 183,574.2414
X= 273,593.3652

N89°52'15"W 1051.00'

TOWN

SW-NE 1/4 OF Z

(21) IMMANUEL BAPTIST CHURCH
LOT 2
CSM #7818
V30, P81

PARKING LOT

150'

RIB MOUNTAIN BLDG.

PARKING LOT

CUR 4
PI = 3+99.89
Y = 184,885.0578
X = 275,353.2492
Δ = 16°05'33" (LT)
R = 200.49'
D = 28°34'42"
T = 28.34'
L = 56.31'

CURVE 1
PI = 74+33.30
Y = 183,871.4584
X = 275,026.2377
Δ = 54°42'20" (RT)
R = 419.79'
D = 13°38'56"
T = 217.16'
L = 400.81'

AMERICAN TRANSMISSION COMPANY LLC
POWER LINES EASEMENT
VOL. 320, P. 469
VOL. 324, P. 425
EASEMENT ASSIGNMENT 1-2-2001

(21) IMMANUEL BAPTIST CHURCH
V.254, P.161
LOT2
CSM #7818, V30, P81

L= 74.79'
LC= 74.79'
LCB= N13°41'40"W
R= 1810.00'

L= 276.23'
LC= 268.92'
LCB= N10°25'21"E
R= 345.07'

CURVE 5
PI = 88+28.07
Y = 185,030.2255
X = 275,417.6142
Δ = 14°45'22" (LT)
R = 1,890.00'
D = 3°01'52"
T = 244.73'
L = 486.76'

(60) WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC

VERIZON NORTH, INC.

STA. 71+32.46 M.L. =
STA. 86+41.79 PARK RD.

(20) MARATHON COUNTY
DOC. NO. 1270792

(11) STATE OF WISCONSIN
VOL. 276, P. 160.

WISCONSIN PUBLIC SERVICE CORP. - ELECTRIC

CURVE 2
PI = 89+36.82
Y = 183,606.5579
X = 275,289.1717
Δ = 49°48'35" (LT)
R = 420.00'
D = 13°38'31"
T = 195.00'
L = 365.13'

WISCONSIN PUBLIC SERVICE CORP. - GAS

(62) AMERICAN TRANSMISSION COMPANY, LLC

CURVE 3
PI 80+61.98
Y = 184,198.0886
X = 275,602.2589
Δ = 72°57'20" (LT)
R = 420.07'
D = 13°38'23"
T = 310.58'
L = 534.88'

C.T.H. N (RIB MOUNTAIN DRIVE)

C.T.H. N (RIB MOUNTAIN DRIVE)

C.T.H. R (HUMMINGBIRD ROAD)

(INSIDE EDGE OF NORTHBOUND LANE) U.S.H. 51/S.T.H. 29

1" I.P.
Y= 183,568.1886
X= 276,276.6283

NOTE: ACCESS ALONG U.S.H. 51/S.T.H. 29 CONTROLLED UNDER PROJECT T05-3(14)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51	WISDOT PROJECT T05-3(14)	1961
U.S.H. 51/ PARK ROAD	C.S.M. #7818	1994

REVISION DATE	DATE	SCALE, FEET	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER 6651-01-71	PS&E SHEET NO: #106A	
12-16-2002 6-18-2003 5-13-2004	4-19-2002	0 50 100	COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6651-01-21	PLAT SHEET NO: 4.5	E
	GRID FACTOR N/A					

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

LOT 1
LOT 2
LOT 3
150'
WISCONSIN PUBLIC SERVICE-POWER LINES. EASEMENT
CSM #5995 V.22, P.73
CSM #10291 V.42, P.114
CSM #4272 V.16, P.40
PARCEL 1
PARCEL 2
HSE.
1/16 LINE
VARIES
27'
60'
P.L.
I.P.
CSM #5280 V.19, P.148
CSM #8776 V.34, P.154
DAFFODIL LN.
TOWN OF RIB MOUNTAIN
LOT 2
LOT 1
LOT 3
EMIL S. JOHNSON & SHIRLEY JOHNSON V.716, P.730
JOHANSSON INVESTMENTS, LLC
RONALD C. WIMMER
LYLE S. ASCHEBROOK & PHYLLIS ASCHEBROOK V.577, P.503
TULIP LN.
S 89°43'48" E
S 89°52'50" E
S89°48'25"E
N89°54'12"W
S89°54'12"E
N00°08'31"W 82.89'
N89°51'29"E
N73°45'56"E
S27°21'12"E 71.31'
90+57.34 122.83'
90+57.34 59.23'
87+70.69 134.53'
3+40 37.89'
3+40 45'
N71°48'33"E 54.53'
PC 3+68.70
PI 4+17.62
PT 4+64.67
PC 3+71.55
PI 3+99.89
PT 4+27.86
PT 90+70.09
CURVE 4
CURVE 5
CURVE 6
L= 252.77'
LC= 252.57'
LCB= N22°11'29"W
R= 1810.00'
SLOPE INTERCEPT
N57°07'50"E
N65°01'11"E 90+84.64
182.06'
80'
90'
STA. 90+71.15 M.L. = STA. 5+00 DAFFODIL LN.
END RELOCATION ORDER
STA. 90+57.34
Y= 185,236.4073
X= 275,311.2978
STA. 87+06.25 M.L. = STA. 4+90 TULIP LN.
L= 338.08'
LC= 337.13'
LCB= S19°55'18"E
R= 1303.24'
PI 88+28.07
WISCONSIN PUBLIC SERVICE CORP.- ELECTRIC
22
60
905
907
925
949
967
985
955

CURVE 4
PI = 3+99.89
Y = 184,885.0578
X = 275,353.2492
Δ = 16°05'33" (LT)
R = 200.49'
D = 28°34'42"
T = 28.34'
L = 56.31'

CURVE 5
PI = 88+28.07
Y = 185,030.2255
X = 275,417.6142
Δ = 14°45'22" (LT)
R = 1,890.00'
D = 3°01'52"
T = 244.73'
L = 486.76'

CURVE 6
PI = 4+17.62
Y = 185,210.0636
X = 275,230.1303
Δ = 27°29'33" (LT)
R = 200.00'
D = 28°38'52"
T = 40.93'
L = 95.97'

NW-NE
NE-NE
UTILITY EASEMENT
HSE.
WISCONSIN PUBLIC SERVICE CORP.- GAS
R= N 27°16'01" W
95'
100'
C.T.H.R (HUMMINGBIRD ROAD)
80'
S27°21'12"E 1056.46'
U.S.H.51/S.T.H.29
160'
℄ (INSIDE EDGE OF NORTHBOUND LANE)
S89°40'11"E 1289.86'
N89°40'11"W 1373.08'
SECTION LINE
2" I.P.
Y= 186,208.9566
X= 273,588.8679
LOCATION CALC'D FROM TIES
Y= 186,193.6117
X= 276,251.7678

NOTE: ACCESS ALONG U.S.H. 51/S.T.H. 29 CONTROLLED UNDER PROJECT T05-3(14)
STA. 95+00 THIS PROJECT = STA. 474+81.75, 217.90' LT

ROAD NAME	BASIS OF EXISTING R/W	YEAR
TULIP LN	CSM #7818, CSM #5995	1994, 1987
DAFFODIL LN	CSM #5280, CSM #8776	1988, 1996
U.S.H. 51/ HUMMINGBIRD LANE	RELOCATION PROJECT * T05-3(14)	1959

*THE WEST R/W LINE OF U.S.H. 51 WAS ESTABLISHED FROM MONUMENTS FOUND ALONG HUMMINGBIRD LANE.

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

REVISION DATE 12-16-2002 6-18-2003	DATE 4-19-2002	SCALE, FEET 0 50 100	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER 6651-01-71	PS&E SHEET NO: 07
	GRID FACTOR N/A		COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6651-01-21	PLAT SHEET NO: 4.6 E

FILE NAME : e:\trans\widot\0223.00\right of way\rdhmerge03.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:04:48 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

CONVENTIONAL SIGNS AND ABBREVIATIONS

A.P.	ACCESS POINT
AC.	ACRES
AG.	AGRICULTURAL
A.H.	AHEAD
ALUM.	ALUMINUM
ET.AL.	AND OTHERS
BK.	BACK
ASPH.	ASPHALT
C.E.	COMMERCIAL ENTRANCE
C.M.	CABLE MARKER
℄	CENTERLINE
C.T.H.	COUNTY TRUNK HIGHWAY
C.S.M.	CERTIFIED SURVEY MAP
CONC.	CONCRETE
COR.	CORNER
CULV.	CULVERT
d/b/a	DOING BUSINESS AS
FDN.	FOUNDATION
F.E.	FIELD ENTRANCE
FRL.	FRACTIONAL
G.	GARAGE
G.M.	GAS MARKER
G.P.	GAS PUMPS
GRAV.	GRAVEL
HSE.	HOUSE
ha	HECTARES
I.P.	IRON PIPE OR PIN
km	KILOMETER
LT.	LEFT
L	LENGTH OF CURVE
L.C.	LONG CHORD OR LAND CONTRACT
L.C.B.	LONG CHORD BEARING
M.H.	MANHOLE
m	METERS
MON.	MONUMENT
O.L.	OUTLOT
P.	PAGE
P.D.	PRIVATE DRIVEWAY
P.E.	PRIVATE ENTRANCE
P.K.	PARKER-KALON
P.L.E.	PERMANENT LIMITED EASEMENT
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
P.L.	PROPERTY LINE
R	RADIUS OR RANGE
R.R.	RAILROAD
℟	REFERENCE LINE
R.D.E.	RESTRICTED DEVELOPMENT EASEMENT
RT.	RIGHT
R/W	RIGHT OF WAY
SEC.	SECTION
S	SHED
m2	SQUARE METER
S.T.H.	STATE TRUNK HIGHWAY
STA.	STATION
T	TANGENT LENGTH OF CURVE OR TOWN
TAV.	TAVERN
T.L.E.	TEMPORARY LIMITED EASEMENT
USH	UNITED STATES HIGHWAY
VOL.	VOLUME
X	EAST COORDINATE (GRID)
Y	NORTH COORDINATE (GRID)
N	NORTH COORDINATE (GROUND) OR NORTH
E	EAST COORDINATE (GROUND), EAST OR EXTERNAL
△	CENTRAL ANGLE OR DELTA

STATE LINE
COUNTY LINE
TOWN OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
PROPOSED OR NEW R/W LINE
EXISTING R/W LINE
LOT LINE
PROPERTY LINE (P.L. + 58.1)
NO ACCESS (By Previous Acquisition)
NO ACCESS (By Acquisition)
NO ACCESS (By Statutory Authority)
LIMITED EASEMENT (Temporary or Permanent)
CORPORATE LIMITS

SECTION CORNER (1/4, 1/16)
RIGHT OF WAY POINT (NOT MONUMENTED)
RIGHT OF WAY POINT (MONUMENTED)
(Type) RECOVERED IRON PIN/PIPE
TRIANGULATION POINT OR HORIZONTAL CONTROL STATION
INLET
HYDRANT

COMPENSABLE	NON COMPENSABLE	
●	⊖	TELEPHONE POLE
■	□	POWER POLE

(243) RIGHT OF WAY POINT NUMBER

(Size) W — WATER
(Size) G — GAS
T — TELEPHONE OR TELEGRAPH
E — ELECTRIC
TV — CABLE TELEVISION
FO — FIBER OPTIC
(Size) SAN — SANITARY SEWER
(Size) SS — STORM SEWER
CAUTION — NOTATION FOR COMBUSTIBLE FLUIDS
SERVICE PEDESTAL
(Label) SILO, MANHOLE OR WELL, ETC.

RAILROAD
BRIDGE
(Label) BUILDING
(Label) FOUNDATION OR RUINS
FENCE
MARSH AREA
LAKE OR POND
WOODED OR SHRUB AREA
TREE

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
6675-00-01		
FEDERAL PROJECT NUMBER	4.1	7

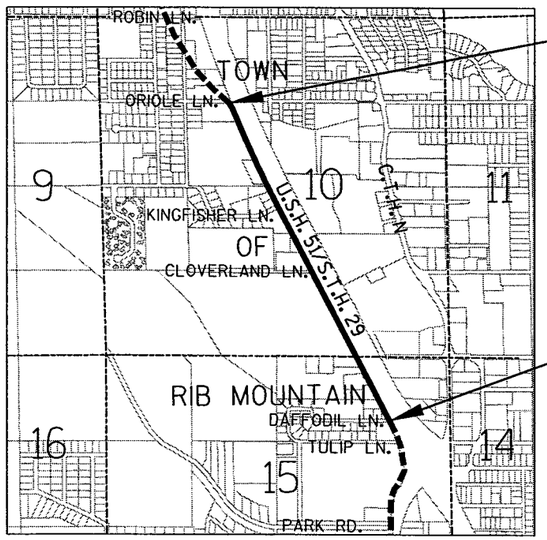
PLAT OF RIGHT OF WAY REQUIRED FOR

WEST ARTERIAL

DAFFODIL LN.- ORIOLE LN.

WEST ARTERIAL — MARATHON COUNTY

108



GN

LAYOUT
0 0.5 mi
SCALE

TOTAL NET LENGTH OF CENTERLINE = 0.993 mi

END RELOCATION ORDER
STA. 143+00.00
Y= 189,919.2389
X= 272,955.5239

1091.10 FEET NORTH AND 2085.23 FEET EAST OF THE WEST QUARTER CORNER OF SECTION 10, T28N, R7E

BEGIN RELOCATION ORDER
STA. 90+57.34
Y= 185,236.4073
X= 275,311.2978

962.61 FEET SOUTH AND 934.94 FEET WEST OF THE SOUTHEAST CORNER OF SECTION 10, T28N, R7E

NOTES:

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, MARATHON COUNTY (ENGLISH) NAD 83, 1991 ADJUSTMENT. ALL DISTANCES ARE GROUND LENGTH.

RIGHT OF WAY MONUMENTS ARE TYPE II AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

ACCEPTED FOR
MARATHON COUNTY

12/12/02 (Date) (Signature & Title of Official)

ORIGINAL PLANS PREPARED BY

ENGINEERS ■ ARCHITECTS ■ PLANNERS

WISCONSIN
DUANE A. HOLMAN
S-1294
BLOOMER, WIS.
LAND SURVEYOR

1-8-2002 (Date) (Signature)

REVISION DATE
12-12-2002 N.C.
6-26-03

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED FOR DISTRICT OFFICE:

DATE: _____

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

* = CALCULATED FROM DESIGN FILE

PARCEL NUMBER	SHEET NUMBER	OWNER (S)	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED OR S.F.			TOTAL ACRES REM.	P.L.E. ACRES	T.I. ACRES
					NEW	EXISTING	TOTAL			
1	4.4	RONALD C. WIMMER	FEE, T.I., ACCESS RIGHTS	0.88* AC.	0.37 AC.	-	0.37 AC.	0.51 AC.	-	0.08 AC.
2	4.4	JOHANSSON INVESTMENTS, LLC	FEE	0.48 AC.	0.08 AC.	-	0.08 AC.	0.40 AC.	-	-
3	4.4	EMIL S. JOHNSON & SHIRLEY JOHNSON	FEE, T.I., ACCESS RIGHTS	1.32 AC.	0.15 AC.	-	0.15 AC.	1.17 AC.	-	0.03 AC.
6	4.4	MARK E. JOHNSON & SARAH M. JOHNSON	FEE, T.I., ACCESS RIGHTS	1.72 AC.	0.09 AC.	-	0.09 AC.	1.63 AC.	-	0.07 AC.
7	4.4	EMIL S. JOHNSON & SHIRLEY A. JOHNSON	FEE, T.I., ACCESS RIGHTS	14.24* AC.	0.06 AC.	-	0.06 AC.	14.18 AC.	-	0.04 AC.
8	4.4	JAY J. SPIEGEL & MARLENE J. SPIEGEL	FEE, T.I., ACCESS RIGHTS	1.42* AC.	0.16 AC.	-	0.16 AC.	1.26 AC.	-	0.07 AC.
9	4.5	RONALD C. WIMMER & JOAN E. WIMMER	FEE, T.I., ACCESS RIGHTS	69.09 AC.	1.46 AC.	-	1.46 AC.	67.63 AC.	-	0.28 AC.
11	4.6	AALL	FEE, T.I., ACCESS RIGHTS	3.00* AC.	0.43 AC.	-	0.43 AC.	2.57 AC.	-	0.16 AC.
12	4.6	RIB MOUNTAIN CONGREGATION OF JEHOVAHS WITNESSES INC	FEE, T.I., ACCESS RIGHTS	0.53* AC.	0.19 AC.	-	0.19 AC.	0.34 AC.	-	0.04 AC.
13	4.6	WAUSAU CONGREGATION OF JEHOVAHS WITNESSES INC	FEE, T.I., ACCESS RIGHTS	1.91 AC.	0.10 AC.	-	0.10 AC.	1.81 AC.	-	0.03 AC.
14	4.6	WESTGATE-SHULTZ, LLC	FEE, P.L.E.,T.I.,ACCESS RTS.	2.46 AC.	0.33 AC.	-	0.33 AC.	2.13 AC.	0.03 AC.	0.20 AC.
16	4.6	MILTON AVENUE ASSOCIATES	FEE, P.L.E., ACCESS RIGHTS	1.02 AC.	0.12 AC.	-	0.12 AC.	0.90 AC.	0.08 AC.	-
17	4.6	SCHUETTE REAL ESTATE FUND	FEE, T.I., ACCESS RIGHTS	8.73 AC.	0.03 AC.	-	0.03 AC.	8.70 AC.	-	0.03 AC.
18	4.7	GEORGE M. WADINSKI & PAULETTE F. WADZINSKI	FEE, P.L.E., ACCESS RIGHTS	1.84* AC.	0.30 AC.	-	0.30 AC.	1.54 AC.	0.14 AC.	-
19	4.7	GEORGE M. WADINSKI, PAULETTE F. WADZINSKI, DALE T. WARAKSA & WENDY M. WARAKSA	FEE, P.L.E., ACCESS RIGHTS	20.66* AC.	0.46 AC.	-	0.46 AC.	20.20 AC.	0.26 AC.	-
60	4.4	WISCONSIN PUBLIC SERVICE CORP.	RELEASE OF RIGHTS							
11-1	4.6	MOUNTAIN VIEW GROUP	SIGN RIGHTS							
12-1	4.6	RIB MOUNTAIN	SIGN RIGHTS							
14-1	4.6	WESTGATE -SCHULTZ LLC.	SIGN RIGHTS							
E-1	4.6	HARBOR HOUSE	SIGN RIGHTS							

RECOVERED LOT/BLOCK CORNERS AND COORDINATE TABLE

STATION	OFFSET	PT*	Y	X	MONT. DESCRIPTION
90+91.83	193.44' LT	1798	185178.4640	275123.5930	1"IP HIT
91+11.61	95.43' LT	1896	185240.9520	275201.6420	1"IP
91+41.76	284.49' LT	1846	185181.1310	275019.7830	1"IP
91+76.89	222.40' LT	1862	185240.8010	275058.8780	IP
91+84.98	367.90' LT	1847	185181.3380	274925.8330	1"IP
92+31.23	456.66' LT	1848	185181.7900	274825.7530	1"IP
92+37.89	340.58' LT	1849	185240.8800	274925.8840	1 1/2"IP
92+57.03	20.78' LT	2021	185404.4130	275201.3740	1"IP
94+13.23	21.55' LT	2060	185542.9030	275129.1310	1"IP
101+55.42	22.48' LT	2438	186202.1890	274788.2810	2"IP
115+99.10	21.42' LT	3046	187485.9400	274127.8150	1"IP
116+71.14	161.35' LT	3072	187485.8670	273970.4340	1"IP W CAP
118+76.93	488.19' LT	3088	187519.0540	273585.6350	1"IP
118+90.79	514.80' LT	3089	187519.1800	273555.6340	1"IP
119+57.99	24.44' LT	3307	187803.5630	273960.7120	1"IP
121+36.31	361.81' LT	3346	187807.5130	273579.1390	1"IP HIT
121+50.51	388.09' LT	3345	187808.0940	273549.2650	1"IP
122+03.00	25.80' LT	3444	188020.7270	273847.2570	1"IP
122+88.69	26.08' LT	3530	188096.7650	273807.7500	1"IP
122+96.38	40.93' LT	3529	188096.7980	273791.0300	1"IP
127+24.33	279.92' LT	3906	188367.7020	273382.5300	3/4"REBAR
127+24.50	26.51' LT	3823	188483.9490	273607.7040	1"REBAR
127+29.84	340.92' LT	3908	188344.6620	273325.7850	3/4"REBAR
127+90.37	206.51' LT	3915	188460.0440	273417.5290	3/4"REBAR
127+90.54	26.54' LT	3943	188542.6380	273577.4260	3/4"REBAR
130+21.48	32.44' LT	4167	188748.8390	273471.1210	3/4"REBAR
130+71.45	46.13' RT	991	188827.5323	273520.8997	3/4"REBAR
131+11.30	35.91' LT	4200	188828.6200	273429.6950	3/4"REBAR
132+34.97	298.33' LT	4188	188828.6420	273139.5990	3/4"REBAR
145+18.25	10.61' RT	4760	190119.1280	272864.9120	1"IP
145+73.79	34.00' RT	4835	190179.2730	272850.0810	3/4"REBAR
146+37.58	57.67' RT	4836	190246.1420	272823.1540	1"IP

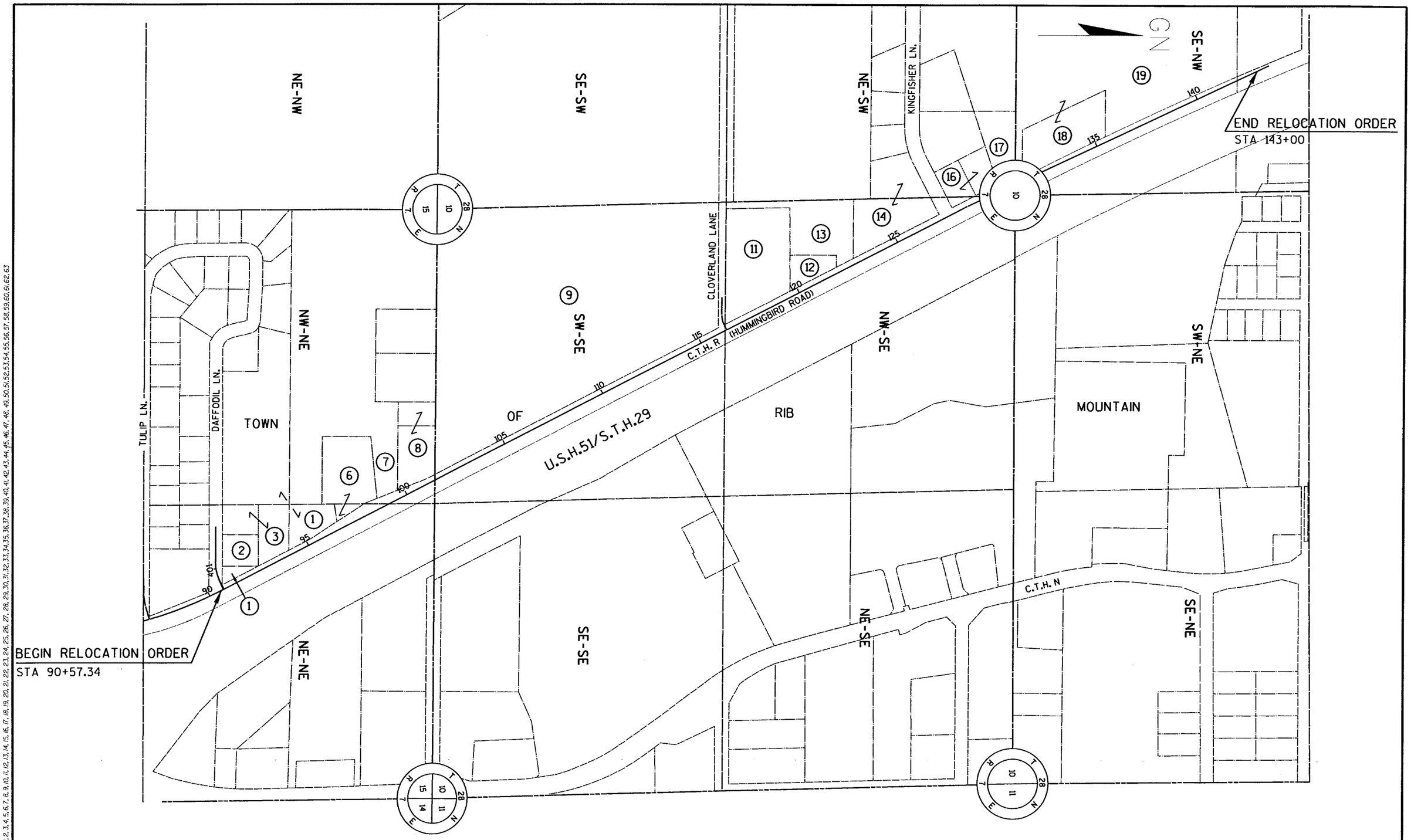
PROPOSED R/W POINT NUMBER AND COORDINATE TABLE

STATION	OFFSET	PT*	Y	X	STATION	OFFSET	PT*	Y	X
90+57.34	122.83' LT	967	185180.8730	275201.7405	124+15.00	60.00' LT	401	188193.5025	273719.7308
90+57.34	59.23' RT	985	185263.1879	275364.1302	126+50.00	60.00' LT	469	188402.3896	273612.0684
91+11.54	95.47' LT	961	185240.8732	275201.6421	128+56.74	65.00' LT	467	188584.8899	273512.3809
91+40.98	80.36' LT	438	185273.9563	275201.5879	128+56.74	50.00' LT	468	188591.5248	273525.8364
91+40.98	152.34' LT	439	185240.9812	275137.6094	130+70.19	45.58' RT	464	188826.1602	273520.9353
91+70.90	65.00' LT	963	185307.5891	275201.5327	130+71.45	46.13' RT	991	188827.5323	273520.8997
101+13.40	57.59' RT	473	186201.5239	274878.7107	130+91.11	54.81' RT	494	188849.0223	273520.3672
101+77.48	65.00' LT	472	186202.3210	274740.3795	131+00.38	54.46' RT	400	188857.2573	273516.1071
110+00.00	56.26' RT	475	186988.9977	274471.3352	131+16.87	50.00' LT	476	188827.6465	273414.5820
110+00.00	65.00' LT	474	186933.4449	274363.5513	131+23.95	65.00' LT	466	188827.6643	273397.9919
115+50.00	65.00' LT	459	187422.3296	274111.5755	136+85.00	65.00' LT	337	189335.1961	273158.8560
116+41.79	157.82' LT	458	187461.3918	273987.0138	136+85.00	100.00' LT	338	189320.2780	273127.1945
117+06.70	124.43' LT	457	187534.3918	273986.9617	137+00.00	43.11' RT	462	189394.8448	273250.2589
118+00.00	60.00' LT	456	187646.8406	274001.4855	137+15.00	100.00' LT	339	189347.4164	273114.4076
120+00.00	54.75' RT	465	187877.1881	274011.8571	137+15.00	65.00' LT	440	189362.3345	273146.0691
123+85.00	100.00' LT	436	188148.5105	273697.9197	141+75.31	49.57' RT	449	189827.5700	273053.5200
123+85.00	60.00' LT	434	188166.8361	273733.4749	142+21.87	50.00' LT	479	189827.2486	272943.5952
124+15.00	100.00' LT	437	188175.1770	273684.1755	142+28.88	65.00' LT	461	189827.2002	272927.0363

REVISION DATE 12-12-2002	DATE 7-08-2002	SCALE, FEET NOT TO SCALE	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 109
			COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6675-00-01	PLAT SHEET NO: 4.2 E

LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

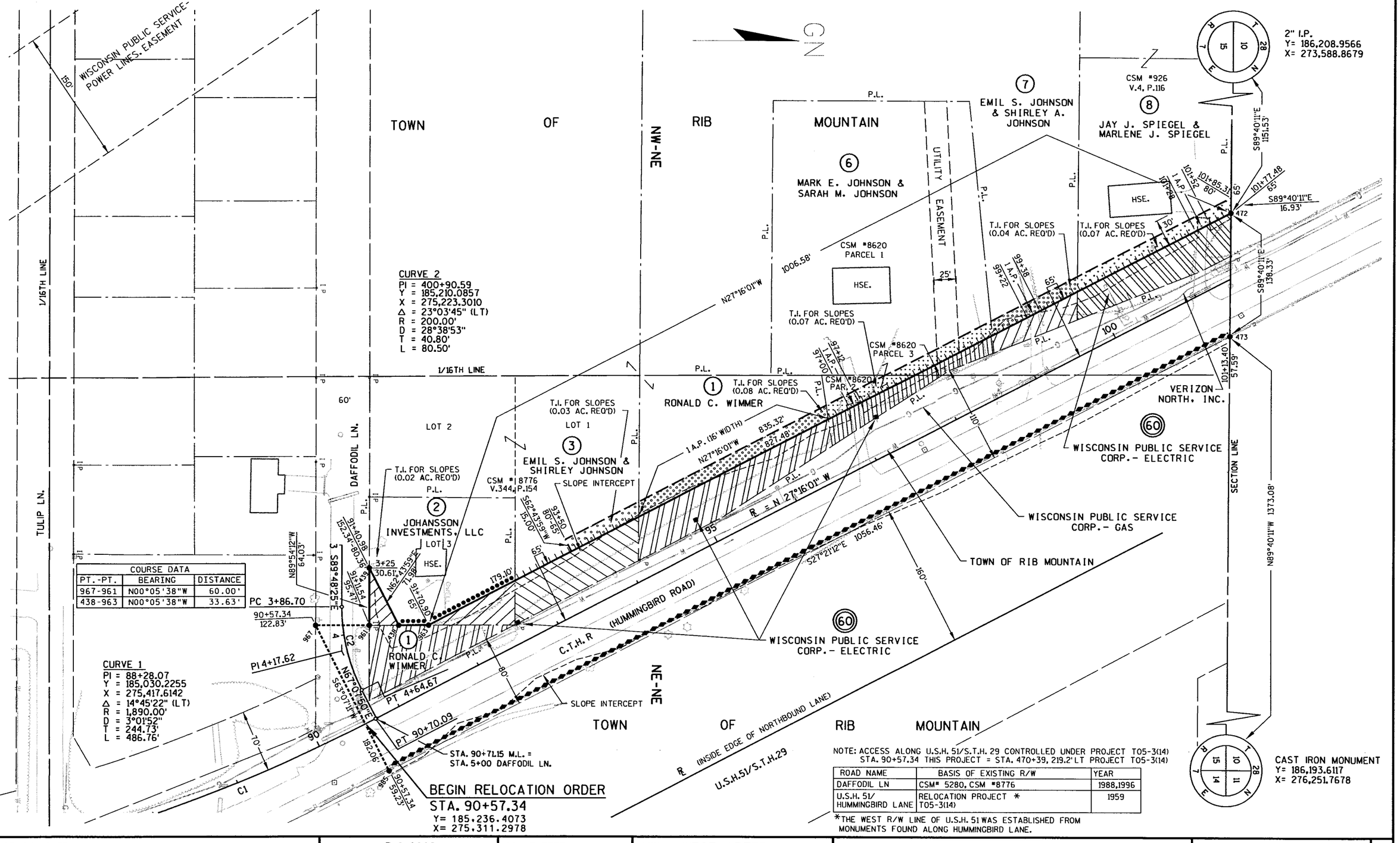
FILE NAME : e:\trans\widot\0223.00\right of way\countyportion\rshmgb01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:04:56 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



REVISION DATE	DATE		HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 11ϕ	
12-12-2002	7-8-2002	NOT TO SCALE	COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6675-00-01	PLAT SHEET NO: 4.3	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

FILE NAME : e:\trans\widot\0223.00\right of way\countyportion\rlhmgb01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:05:14 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



COURSE DATA		
PT.-PT.	BEARING	DISTANCE
967-961	N00°05'38"W	60.00'
438-963	N00°05'38"W	33.63'

NOTE: ACCESS ALONG U.S.H. 51/S.T.H. 29 CONTROLLED UNDER PROJECT TO5-3(14)
STA. 90+57.34 THIS PROJECT = STA. 470+39, 219.2' LT PROJECT TO5-3(14)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
DAFFODIL LN	CSM# 5280, CSM #8776	1988,1996
U.S.H. 51/ HUMMINGBIRD LANE	RELOCATION PROJECT * TO5-3(14)	1959

*THE WEST R/W LINE OF U.S.H. 51 WAS ESTABLISHED FROM MONUMENTS FOUND ALONG HUMMINGBIRD LANE.

REVISION DATE 12-12-2002	DATE 7-8-2002	SCALE, FEET 0 50 100	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 111
	GRID FACTOR N/A		COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6675-00-01	PLAT SHEET NO: 4.4 E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

2" I.P.
Y= 186,208.9566
X= 273,588.8679

SECTION LINE
P.I.

S89°40'11"E 1151.53'

CURVE 3
PI = 5+52.82
Y = 187,501.4653
X = 274,089.8053
Δ = 27°15'20" (LT)
R = 99.69'
D = 57°28'18"
T = 24.17'
L = 47.42'

(9)
RONALD C. WIMMER &
JOAN E. WIMMER

TOWN OF RIB MOUNTAIN

CSM #10649

SW-SE

T.I. FOR SLOPES
(0.28 AC. REQ'D)

I.A.P. (16' WIDTH)

N27°16'01"W 1372.52'

WISCONSIN PUBLIC SERVICE
CORP.- GAS

N27°16'01"W 814.68'

82.52'

105

S27°21'12"E 2955.04'

S27°21'12"E 886.61'

WISCONSIN PUBLIC SERVICE
CORP.- ELECTRIC

N89°40'11"W
16.93'

101+85.32
80'

101+77.48
65'

472

S89°40'11"E
138.33'

473

101+13.40
57.59'

N89°40'11"W
1373.08'

CAST IRON MONUMENT
Y= 186,193.6117
X= 276,251.7678

1/16TH LINE

109+42
I.A.P.

109+65
80'

110+00
80'65'

474

N62°43'59"E
15.00'

SLOPE INTERCEPT

550.00'

80'

110

S27°21'12"E 1000.00'

VERIZON NORTH, INC.

TOWN OF RIB MOUNTAIN

475

110+00
56.26'

C.T.H. R (HUMMINGBIRD ROAD)

R = N 27°16'01" W

SLOPE INTERCEPT

℄ (INSIDE EDGE OF NORTHBOUND LANE)

U.S.H.51/S.T.H.29

160'

1/16TH LINE

115+50
65'

459

N72°35'19"W 130.54'

PI 4+52.82

3+50
40'

458

N89°57'33"E

33'

CLOVERLAND LN.

45'

3+50
33'

N00°02'27"W
73.00'

PC 4+28.65

P.I.

PT 4+76.07

N60°42'13"E

STA. 116+30.34 M.L. =
STA. 5+00 CLOVERLAND LN.

NOTE: ACCESS ALONG U.S.H. 51/S.T.H. 29 CONTROLLED UNDER PROJECT T05-3(14)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CLOVERLAND LN	CSM* 10649, CSM *3-38, CSM* 4166	1999, 1973, 1986
U.S.H. 51/ HUMMINGBIRD LANE	RELOCATION PROJECT * T05-3(14)	1959

*THE WEST R/W LINE OF U.S.H. 51 WAS ESTABLISHED FROM MONUMENTS FOUND ALONG HUMMINGBIRD LANE.

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

REVISION DATE 12-12-2002	DATE 7-8-2002	SCALE, FEET 0 50 100	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 112
	GRID FACTOR N/A		COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6675-00-01	PLAT SHEET NO: 4.5 E

FILE NAME : e:\trans\widot\0223.00\right of way\countyportion\rdhmgb02.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:05:25 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

SIGN SCHEDULE			
SIGN NUMBER	OWNER	STATION	DIST.
11-1	MT. VIEW GROUP	118+21	34' LT.
12-1	JEHOVAH'S WITNESSES	121+99	47' LT.
14-1	WESTGATE-SHULTZ LLC	126+91	29' LT.
E-1	HARBOR HOUSE	129+45	22' LT.

2" I.P.
Y= 186,208.9566
X= 273,588.8679

TOWN OF RIB MOUNTAIN

NE-SW

HUMMINGBIRD PLAT
LOT 11
LOT 12
LOT 1
LOT 2
LOT 3
LOT 4

KINGFISHER LN.

(17) SCHUETTE REAL ESTATE FUND
CSM #8037
V.30, P.200
LOT 4

2" I.P.
Y= 188,830.3804
X= 270,869.1216

T.I. FOR SLOPES (0.03 AC. REQ'D)

(16) MILTON AVENUE ASSOCIATES
BLDG.

P.L.E. FOR SLOPES & MAINTENANCE (0.08 AC. REQ'D)

(14-1) SHULTZ & ASSOCIATES

(14) WESTGATE-SCHULTZ, LLC
P.L.E. FOR DRAINAGE (0.03 AC. REQ'D)
T.I. FOR SLOPES (0.20 AC. REQ'D)

OFFICE BLDG.

(E-1) HARBOR HOUSE

(13) WAUSAU CONGREGATION OF JEHOVAH'S WITNESSES INC.
CSM #4166 V.15, P.164
PARCEL 1

T.I. FOR SLOPES (0.03 AC. REQ'D)

(12-1) KINGDOM HALL OF JEHOVAH'S WITNESSES

CHURCH BLDG.

(12) MOUNTAIN CONGREGATION OF JEHOVAH'S WITNESSES INC.

T.I. FOR SLOPES (0.04 AC. REQ'D)

CSM #568
V.3, P.38

CSM #865 V.4, P.55

CSM #8037
V.30,P.200
LOT 1

1/4 LINE

1/16TH LINE

CLOVERLAND LN.

(11) AALL

(11-1) MT. VIEW GROUP

BLDG.

T.I. FOR SLOPES (0.16 AC. REQ'D)

SLOPE INTERCEPT

CURVE 3
PI = 4+52.82
Y = 187,501.4653
X = 274,089.8053
Δ = 27°15'20" (LT)
R = 99.69'
D = 57°28'18"
T = 24.17'
L = 47.42'

PC 4+28.65
PT 4+76.07
PI 5+52.82

CLOSE EXISTING ENTRANCE

C.T.H. R (HUMMINGBIRD ROAD)

WISCONSIN PUBLIC SERVICE CORP.- GAS

VERIZON NORTH, INC.

WISCONSIN PUBLIC SERVICE CORP.- ELECTRIC

U.S.H.51/S.T.H.29
(INSIDE EDGE OF NORTHBOUND LANE)

TOWN OF RIB MOUNTAIN

SEE DETAIL

DETAIL

3/4" REBAR
STA. 130+71.45, 46.13' RT
Y= 188,827.5323
X= 273,520.8997

STA. 116+30.34 M.L. =
STA. 5+00 CLOVERLAND LN.

NW-SE

NOTE: ACCESS ALONG U.S.H. 51/S.T.H. 29 CONTROLLED UNDER PROJECT T05-3(14)

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CLOVERLAND LN	CSM* 10649, CSM #3-38, CSM* 4166	1999, 1973, 1986
KINGFISCHER LN	CSM* 8037, HUMMINGBIRD PLAT	1993,1996
U.S.H. 51/ HUMMINGBIRD LANE	RELOCATION PROJECT T05-3(14)	1959

*THE WEST R/W LINE OF U.S.H. 51 WAS ESTABLISHED FROM MONUMENTS FOUND ALONG HUMMINGBIRD LANE.

REVISION DATE 12-12-2002	DATE 7-8-2002	SCALE, FEET 0 50 100	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 113
	GRID FACTOR N/A		COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6675-00-01	PLAT SHEET NO: 4.6 E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

WISCONSIN PUBLIC SERVICE-
POWER LINES. EASEMENT

2" I.P.
Y= 188,830.3804
X= 270,869.1216

TOWN OF RIB MOUNTAIN

SE-NW

(19)
GEORGE M. WADZINSKI,
PAULETTE F. WADZINSKI,
DALE T. WARAKSA &
WENDY M. WARAKSA
V.396, P.647
V.401, P.917
V.688, P.1066

1 A.P.
N25°13'43"W 1105.00'

P.L.

N89°49'57"E
16.56'

142+28.88
65'

461

142+21.87
50'

479

WISCONSIN PUBLIC SERVICE
CORP.- GAS

P.L.E. FOR DRAINAGE &
BOARDWALK MAINTENANCE
(0.26 AC. REQ'D)

TOWN OF RIB MOUNTAIN

N25°13'43"W
30.00'

137+15
100'-65'-50'

136+89
100'-65'-50'

N64°46'17"E
35.00'

339

338

S64°46'17"W
35.00'

337

440

N25°13'43"W
513.88'

N25°13'43"W
396.61'

50'

65'

140

449

N89°49'57"E
109.93'

141+75.31
49.57'

END RELOCATION ORDER
STA. 143+00.00
Y= 189,919.2389
X= 272,955.5239

ORIOLE LN.

60'

65'

P.L.

(18)
GEORGE M. WADZINSKI &
PAULETTE F. WADZINSKI
V.193, P.312

135+64

P.L.E. FOR DRAINAGE &
BOARDWALK MAINTENANCE
(0.14 AC. REQ'D)

N25°13'43"W 561.05'

SLOPE INTERCEPT

℄ N 25°13'43" W

C.T.H. R (HUMMINGBIRD ROAD)

SLOPE INTERCEPT

VERIZON NORTH. INC.

150'

HSE.

132+76.45
1-A.P.

132+76.45

137+00
43.11'

462

135

66'

(UNRECORDED DEED
STATES R/W WIDTH AS 60')

EXIST. R/W CURVE
449-400
L= 1075.13'
LC= 1074.94'
LCB= S25°29'20"E
R= 16520.22'

℄ (INSIDE EDGE OF NORTHBOUND LANE)

U.S.H.51/S.T.H.29

TOWN OF RIB MOUNTAIN

N89°56'18"W
16.59'

131+23.95
65'

466

131+16.87
50'

476

S89°56'18"E
106.32'

WISCONSIN PUBLIC SERVICE
CORP.- ELECTRIC

494

400

991

SEE DETAIL

S27°21'12"E
9.21'

S01°25'10"E
21.50'

131+00.38
54.46'
130+91.10
54.81'

DETAIL

1/4 LINE

S89°56'18"E 2545.46'

1/4 LINE

1/16TH LINE

SW-NE

3/4" REBAR
STA. 130+71.45, 46.13' RT
Y= 188,827.5323
X= 273,520.8997

NOTE: ACCESS ALONG U.S.H. 51/S.T.H. 29 CONTROLLED UNDER PROJECT T05-3(14)
STA. 143+00.00 THIS PROJECT =
STA.522+67, 203.7' LT. PROJECT T05-3(14)
STA. 143+00.00 THIS PROJECT =
STA.69+43.48 RELOCATION ORDER ID 6675-00-20

ROAD NAME	BASIS OF EXISTING R/W	YEAR
U.S.H. 51/ HUMMINGBIRD LANE	RELOCATION PROJECT T05-3(14)	1959

*THE WEST R/W LINE OF U.S.H. 51 WAS ESTABLISHED FROM MONUMENTS FOUND ALONG HUMMINGBIRD LANE.

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

REVISION DATE 12-12-2002	DATE 7-8-2002	SCALE, FEET 0 50 100	HWY: WEST ARTERIAL	CONSTRUCTION PROJECT NUMBER	PS&E SHEET NO: 114
	GRID FACTOR N/A		COUNTY: MARATHON	STATE R/W PROJECT NUMBER 6675-00-01	PLAT SHEET NO: 4.7 E

FILE NAME : e:\trans\widot\0223.00\right of way\countyportion\rdhmgb04.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:05:38 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 75

BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM1	60+95.79, 398.0' RT	FOUND RR SPK IN PP *2807-15R92 SE COR OF RIB MTN DR & LILY LN	1193.45

SEPERATE CONTRACT,
COORDINATE WITH PROJECT# 6651-01-01

BEGIN
PROJECT
6651-01-71
STA 60+00
Y= 182445.3440
X= 274882.8440

STA 60+86.85 C.T.H N =
STA 5'L'+00 LILY LANE
SEE INTERSECTION DETAIL

LILY LANE
PL
VISUAL BARRIER WALL
SLOPE INTERCEPT
R/W
MULTIUSE TRAIL
16.0'
10:1
10.0'
28.0'
20.0'
WPS
4" CONCRETE SIDEWALK
CONCRETE CURB & GUTTER 30-INCH TYPE D
CONCRETE CURB & GUTTER 18-INCH TYPE D
C.T.H N
CAUTION
60+00
61+00
62+00
63+00
64+
MATCHLINE STA 64+00
P 60+00.00
SL 5'L'+00
TO BM 1
NET LENGTH OF CENTERLINE STA 60+00.00 TO STA 64+00.00 = 400.00 LF

R LILY LANE
PVOT STA 60+00.00
PVOT EL 1192.22
+0.53 %
PVC STA 62+00.00
PVC EL 1193.28
PVI STA 62+50.00
PVI EL 1193.54
PVT STA 63+00.00
PVT EL 1193.29
-0.50 %
K = 97.09
100.00' VC
62+51.46
1193.42
PVC STA 63+00.00
PVC EL 1193.04
FINISHED ℞ PROFILE
EXISTING ℞ PROFILE
EXISTING ℞ ELEVATIONS
FINISHED ℞ ELEVATIONS

60+00	1192.22	1192.03	1192.33	1192.03	1192.43
61+00	1191.53	1192.54	1191.86	1192.64	1191.84	1192.75	1192.06	1192.86	1191.95	1192.96	1191.87	1193.07	1192.10	1193.17
62+00	1192.16	1193.28	1191.77	1193.37	1191.42	1193.41	1191.04	1193.41	1190.21	1193.37	1187.02	1193.29
63+00	1190.44	1193.19	1190.98	1193.09	1191.12	1193.00	1191.34	1192.93	1191.32	1192.90
64+00														

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 115	E

5

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

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BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM1	60+95.79, 398.0' RT	FOUND RR SPK IN PP #2807-15R92 SE COR OF RIB MTN DR & LILY LN	1193.45

SEPERATE CONTRACT,
COORDINATE WITH PROJECT# 6651-01-01

BEGIN
PROJECT
6651-01-71
STA 60+00
Y= 182445.3440
X= 274882.8440

STA 60+86.85 C.T.H N =
STA 5'L'+00 LILY LANE
SEE INTERSECTION DETAIL

LILY LANE
PL
VISUAL BARRIER WALL
SLOPE INTERCEPT
R/W
MULTIUSE TRAIL
10:1
16.0'
10.0'
40.0'
28.0'
WPS
4" CONCRETE SIDEWALK
CONCRETE CURB & GUTTER 30-INCH TYPE D
4" CONCRETE SIDEWALK
TOPSOIL, FERTILIZE, & SEED
CONCRETE CURB & GUTTER 18-INCH TYPE D
C.T.H N
CAUTION
OHELL
SAN
MATCHLINE STA 64+00
TO BM 1
NET LENGTH OF CENTERLINE STA 60+00.00 TO STA 64+00.00 = 400.00 LF

PVOT STA 60+00.00 EL1192.22
PVC STA 62+00.00 EL1193.28
PVI STA 62+50.00 EL1193.54
PVT STA 63+00.00 EL1193.29
PVC STA 62+50.00 EL1193.04
+0.53 %
-0.50 %
K = 97.09
100.00' VC
FINISHED R PROFILE
EXISTING R PROFILE
EXISTING R ELEVATIONS
FINISHED R ELEVATIONS

60+00	61+00	62+00	63+00	64+00
1192.22	1192.03 / 1192.33	1192.03 / 1192.43	1191.53 / 1192.54	1191.86 / 1192.64
1191.84 / 1192.75	1192.06 / 1192.86	1191.95 / 1192.96	1191.87 / 1193.07	1192.10 / 1193.17
1192.16 / 1193.28	1191.77 / 1193.37	1191.42 / 1193.41	1191.04 / 1193.41	1190.21 / 1193.37
1187.02 / 1193.29	1190.44 / 1193.19	1190.98 / 1193.09	1191.12 / 1193.00	1191.34 / 1192.93
1191.32 / 1192.90				

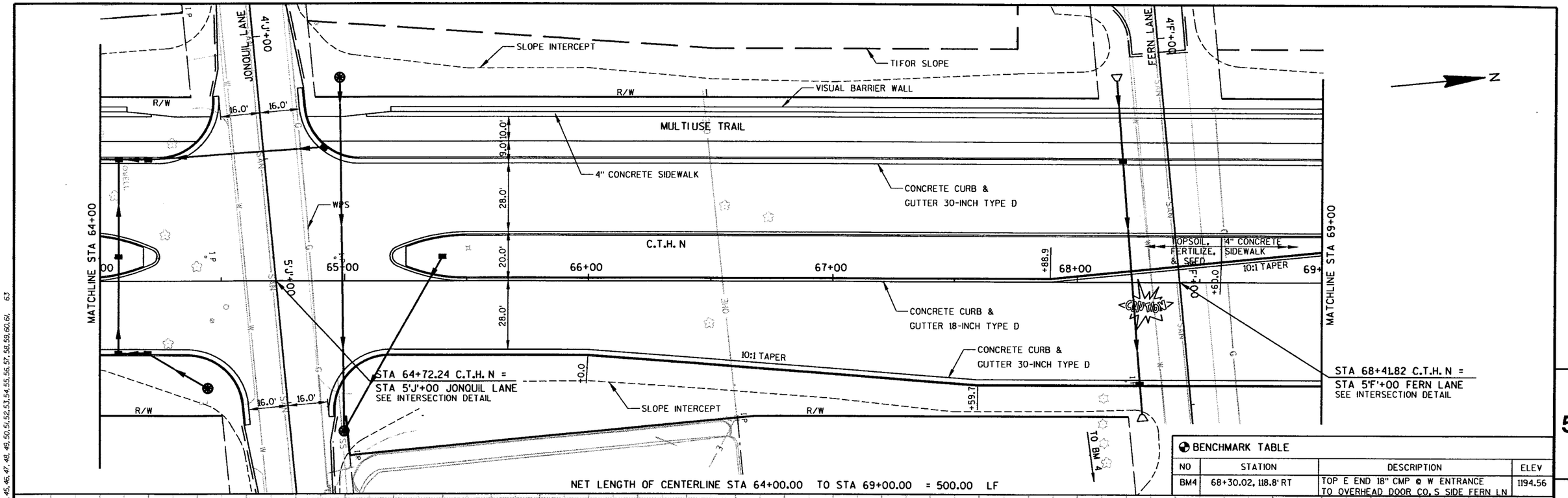
STATE PROJECT NUMBER: 6651-01-71 | HWY: C.T.H. N | COUNTY: MARATHON | PLAN AND PROFILE | SCALE, FEET 0 20 40 | SHEET NO: 115A | E

FILE NAME : e:\Trans\Widot\0223.00\CAD\PPCTHN01.dgn | PLOT DATE: 5/10/2004 | PLOT TIME: 2:10:46 PM | ORG DATE : | PLOT NAME : | Originator : Dist | PLOT SCALE : N/A

WISDOT/CADOS SHEET 40

5

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM4	68+30.02, 118.8' RT	TOP E END 18" CMP @ W ENTRANCE TO OVERHEAD DOOR CO. S SIDE FERN LN	1194.56

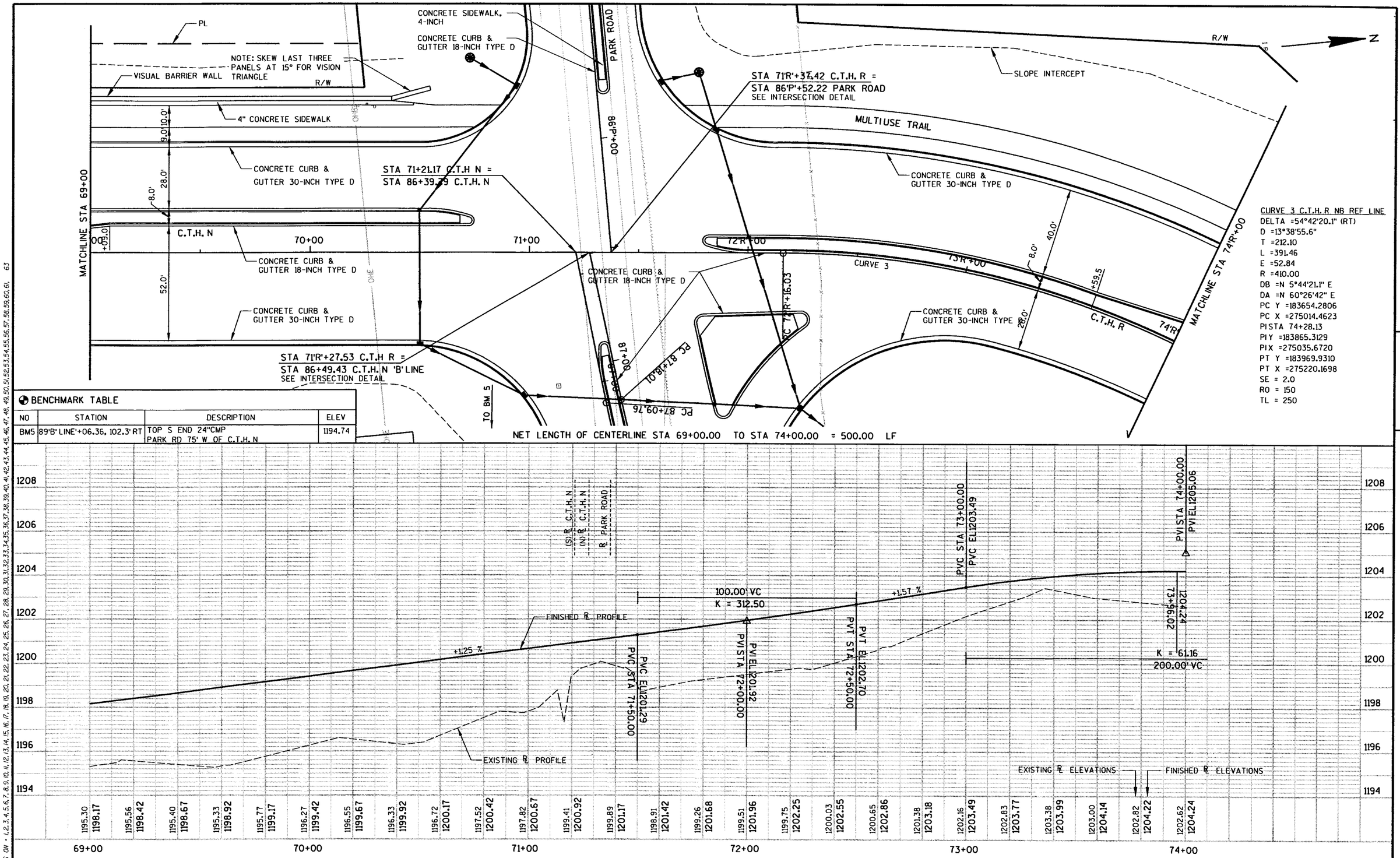
5

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 116	E

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn02.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:11 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63



CURVE 3 C.T.H. R NB REF LINE
DELTA =54°42'20.1" (RT)
D =13°38'55.6"
T =212.10
L =391.46
E =52.84
R =410.00
DB =N 5°44'21.1" E
DA =N 60°26'42" E
PC Y =183654.2806
PC X =275014.4623
PI STA 74+28.13
PI Y =183865.3129
PI X =275035.6720
PT Y =183969.9310
PT X =275220.1698
SE = 2.0
RO = 150
TL = 250

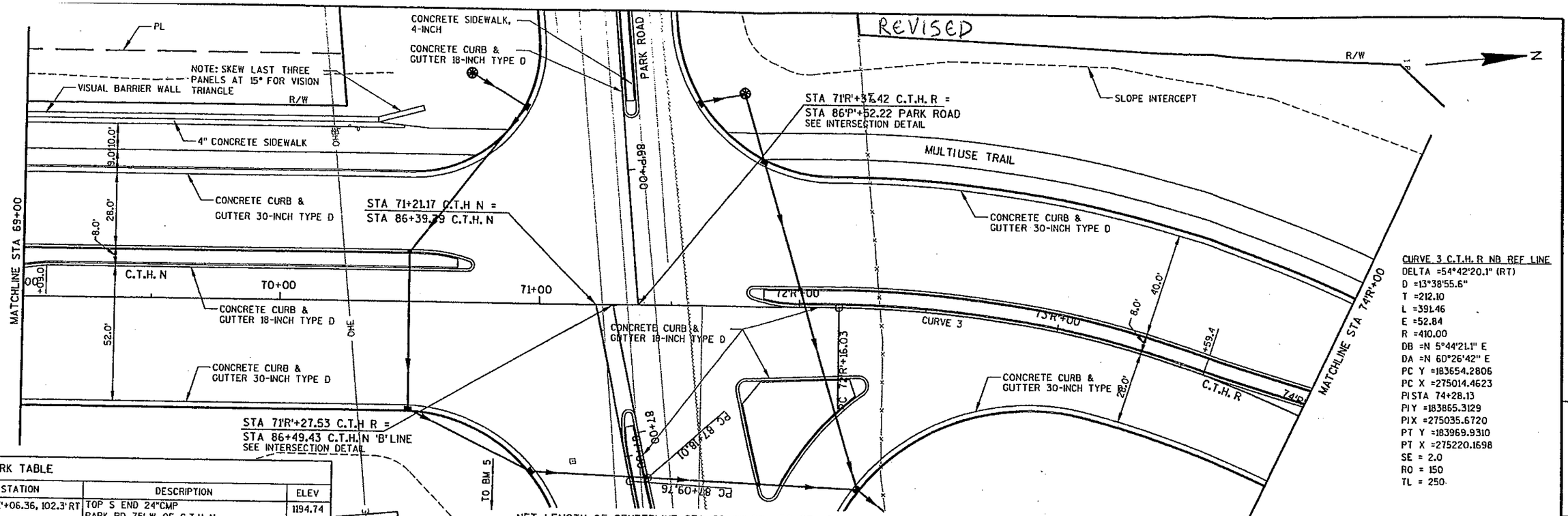
BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
BM5	89'B' LINE'+06.36, 102.3' RT	TOP S END 24"CMP PARK RD 75' W OF C.T.H. N	1194.74

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 117	E

5

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

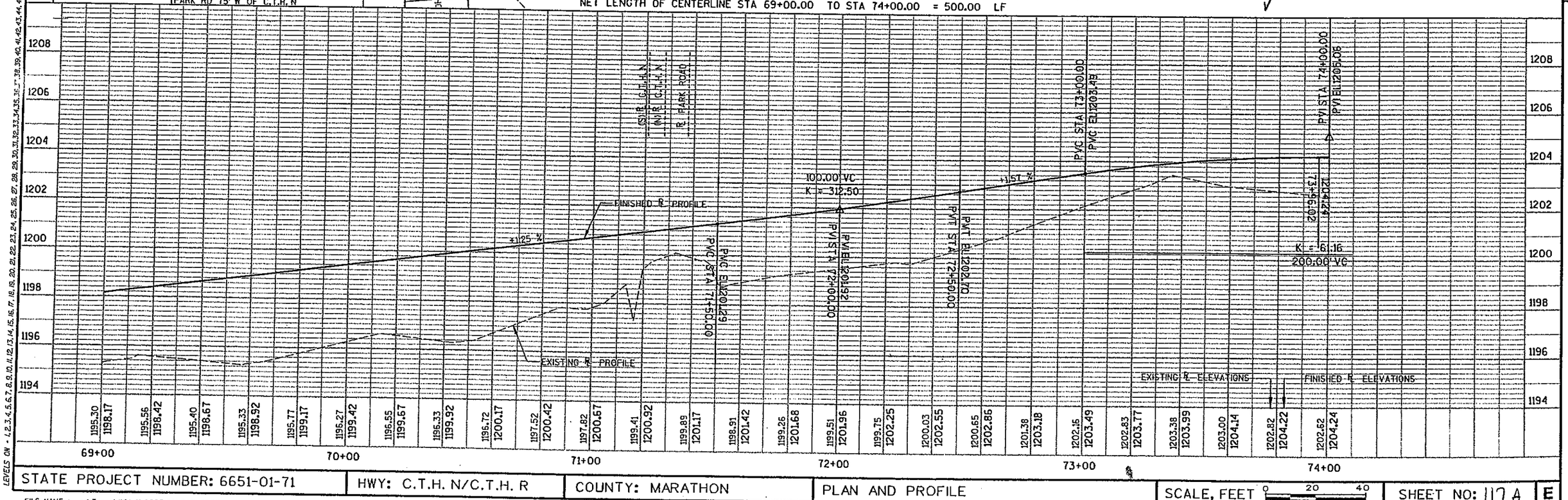
REVISED



CURVE 3 C.T.H. R NB REF LINE
DELTA =54°42'20.1" (RT)
D =13°38'55.6"
T =212.10
L =391.46
E =52.84
R =410.00
DB =N 5°44'21.1" E
DA =N 60°26'42" E
PC Y =183654.2806
PC X =275014.4623
PI STA 74+28.13
PI Y =183865.3129
PI X =275035.6720
PT Y =183969.9310
PT X =275220.1698
SE = 2.0
RO = 150
TL = 250

BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM5	89'B' LINE'+06.36, 102.3' RT	TOP S END 24"CMP PARK RD 75' W OF C.T.H. N	1194.74



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N/C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 117A	E

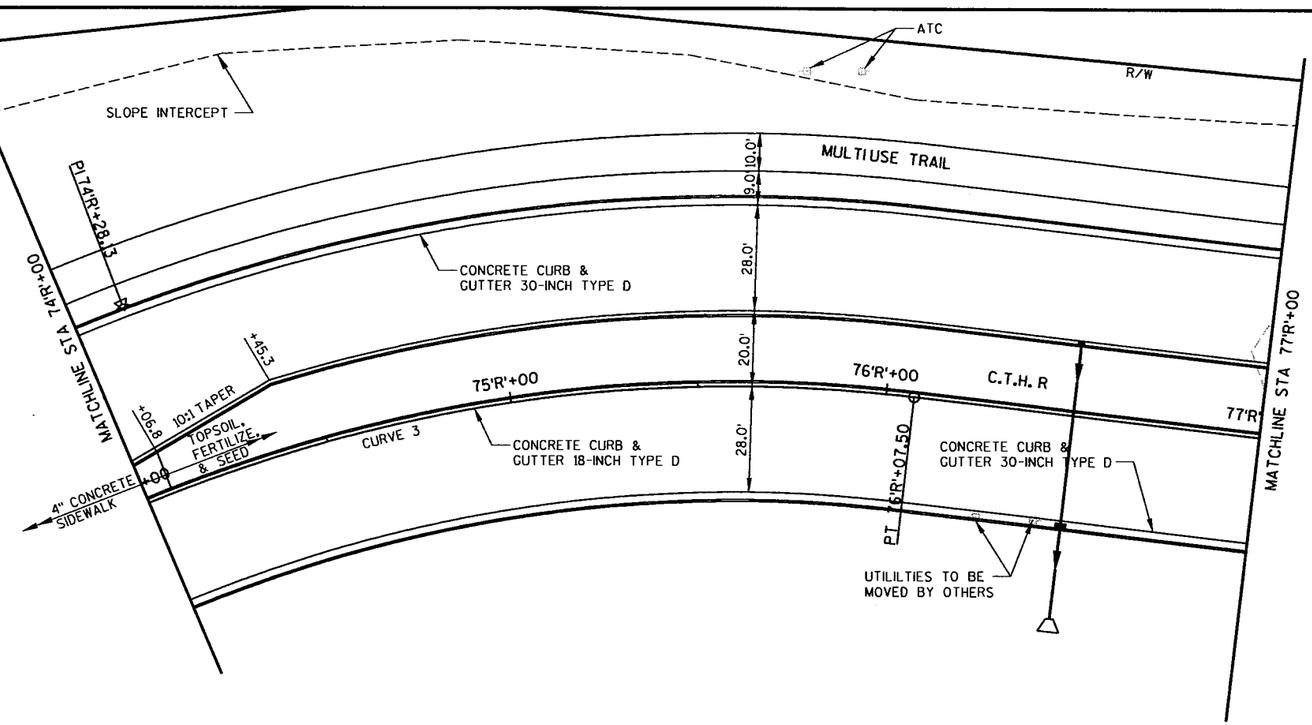
5

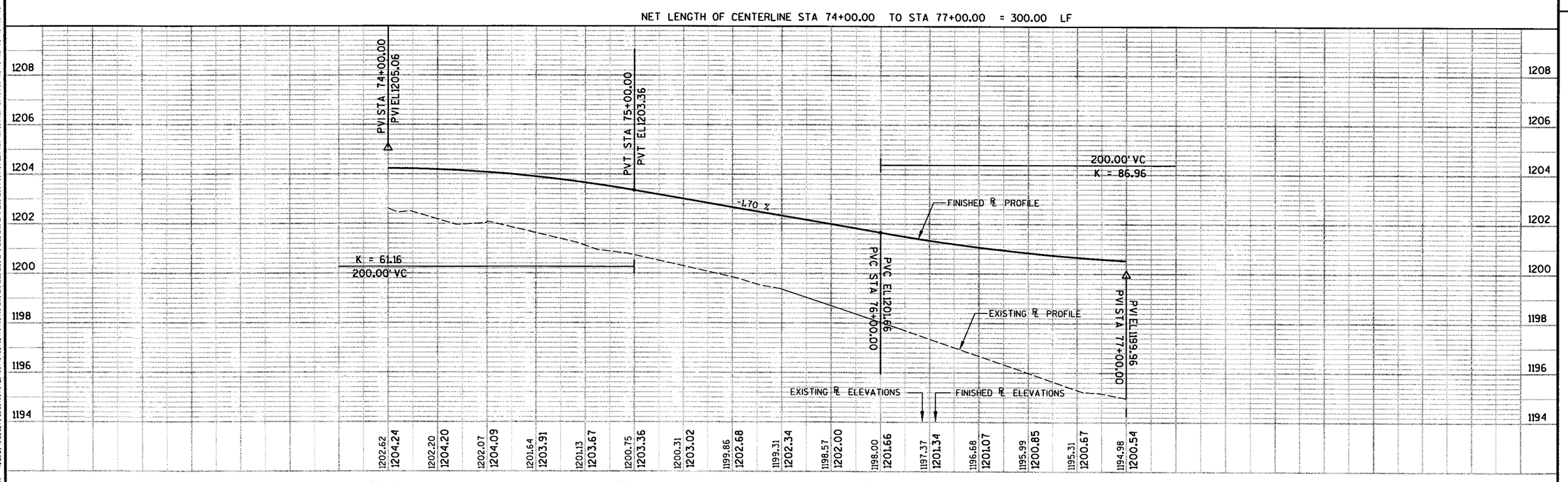
FILE NAME : e:\Trans\Widot\0223.00\CAD\PPCTHN03.dgn PLOT DATE: 5/13/2004 PLOT TIME: 11:05:06 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

CURVE 3 C.T.H. R NB REF LINE
DELTA =54°42'20" (RT)
D =13°38'55.6"
T =212.10
L =391.46
E =52.84
R =410.00
DB =N 5°44'21.1" E
DA =N 60°26'42" E
PC Y =183654.2806
PC X =275014.4623
PISTA 74+28.13
PI Y =183865.3129
PI X =275035.6720
PT Y =183969.9310
PT X =275220.1698
SE = 2.0
RO = 150
TL = 250





STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 118	E

5

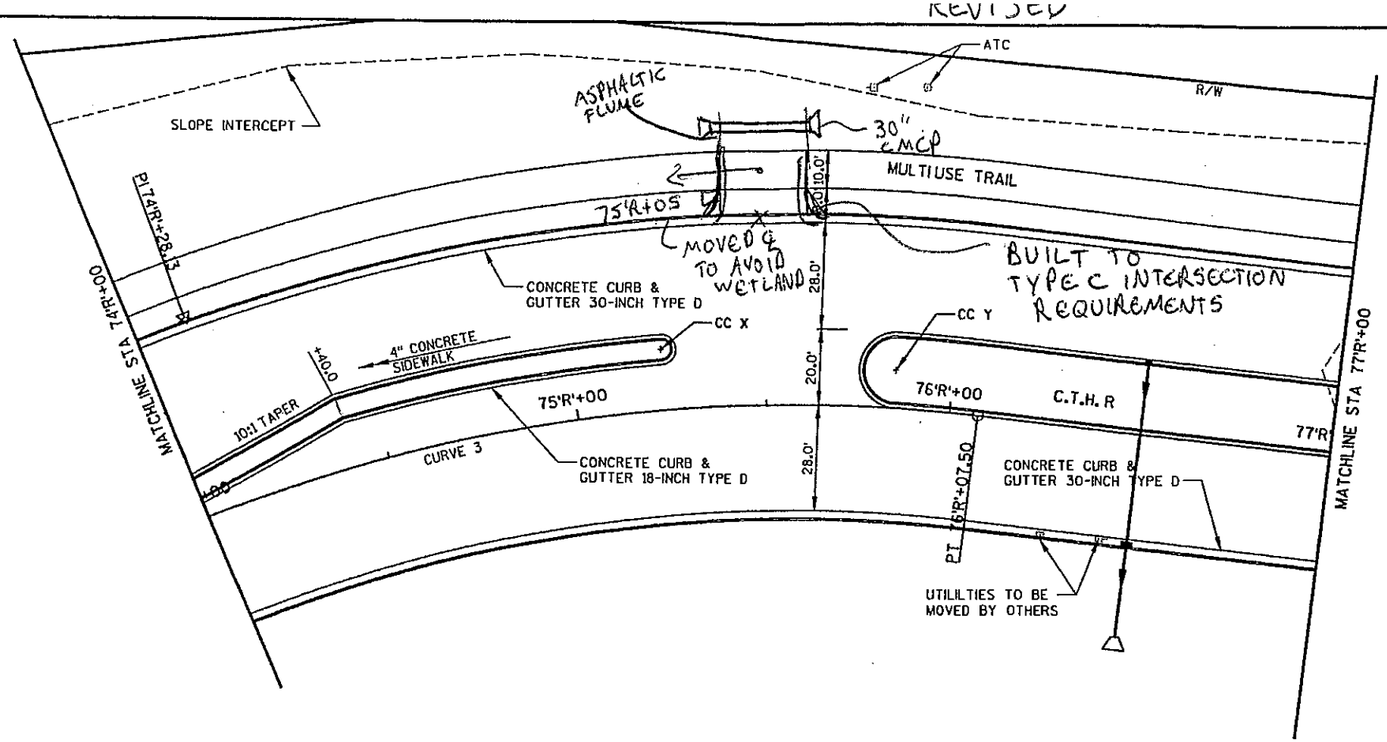
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn04.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:16 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

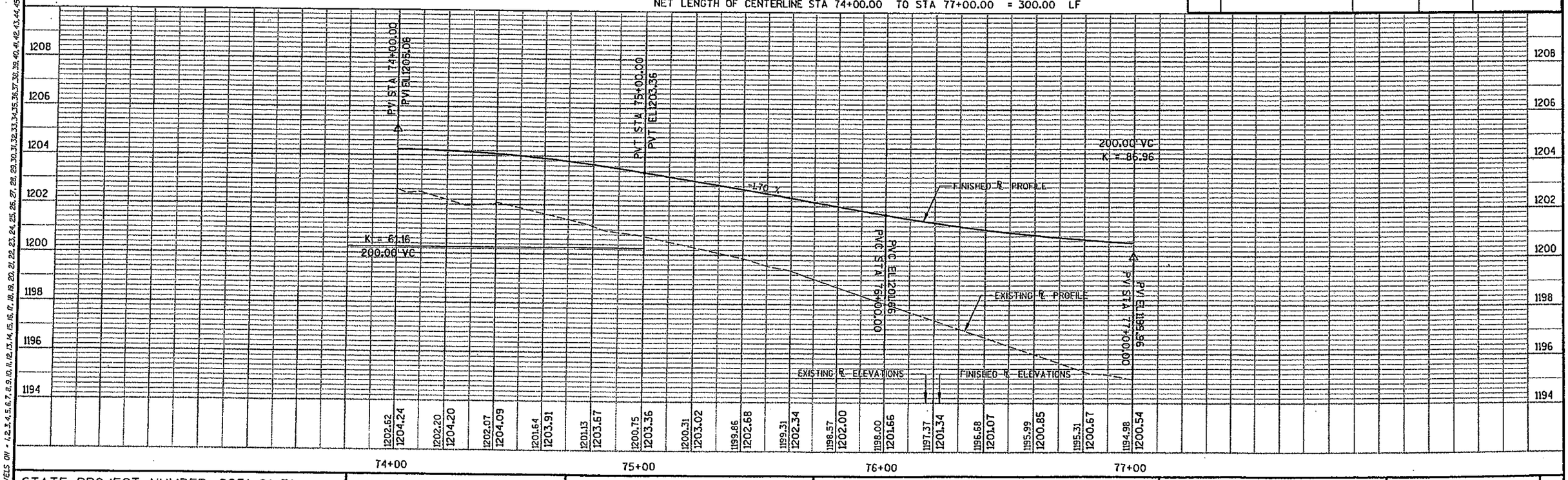
REVISED

CURVE 3 C.T.H. R NB REF LINE
DELTA =54°42'20" (RT)
D =13°38'55.6"
T =212.10
L =391.46
E =52.84
R =410.00
DB =N 5°44'21.1" E
DA =N 60°26'42" E
PC Y =183654.2806
PC X =275014.4623
PI STA 74+28.13
PI Y =183865.3129
PI X =275035.6720
PT Y =183969.9310
PT X =275220.1698
SE = 2.0
RO = 150
TL = 250



RADIUS POINT TABLE				
POINT	STATION	OFFSET	RADIUS	COORDINATES
CC X	75 'R'+22.68 C.T.H. R	16.0'LT	4.0'R	Y = 183932.8016 X = 275140.6331
CC Y	75'R'+85.00 C.T.H. R	10.0'LT	10.0'R	Y = 183966.7078 X = 275195.4872

NET LENGTH OF CENTERLINE STA 74+00.00 TO STA 77+00.00 = 300.00 LF



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 118A	E

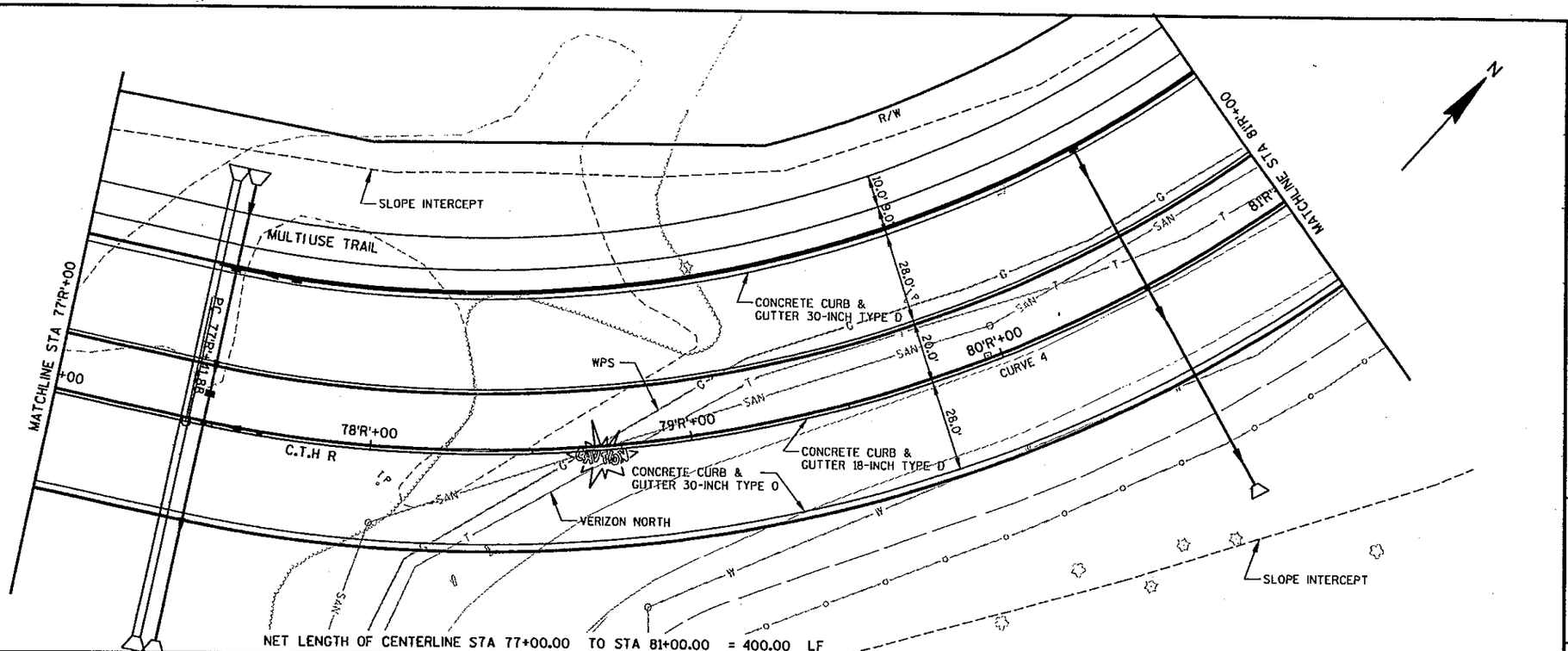
5

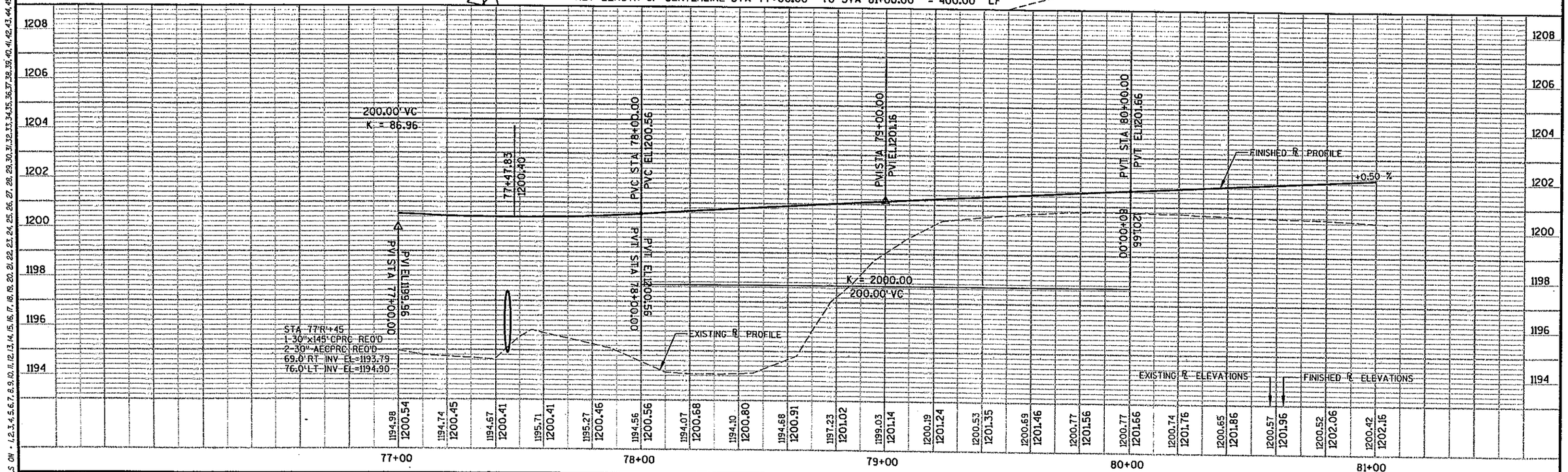
LEVELS ON = 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\Trans\Widot\0223.00\CAD\PPCTHN04.dgn PLOT DATE: 5/13/2004 PLOT TIME: 3:24:23 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

CURVE 4 C.T.H. R NB REF LINE
DELTA =72°57'20" (LT)
D =13°19'29"
T =317.93
L =547.53
E =104.77
R =430
DB =N 60°26'42" E
DA =N 12°30'39" W
PC Y =184036.2162
PC X =275337.0660
PISTA 80+59.80
PIY =184193.0364
PIX =275613.6238
PT Y =184503.4131
PT X =275544.7538
SE = 4.0
RO = 150
TL = 250





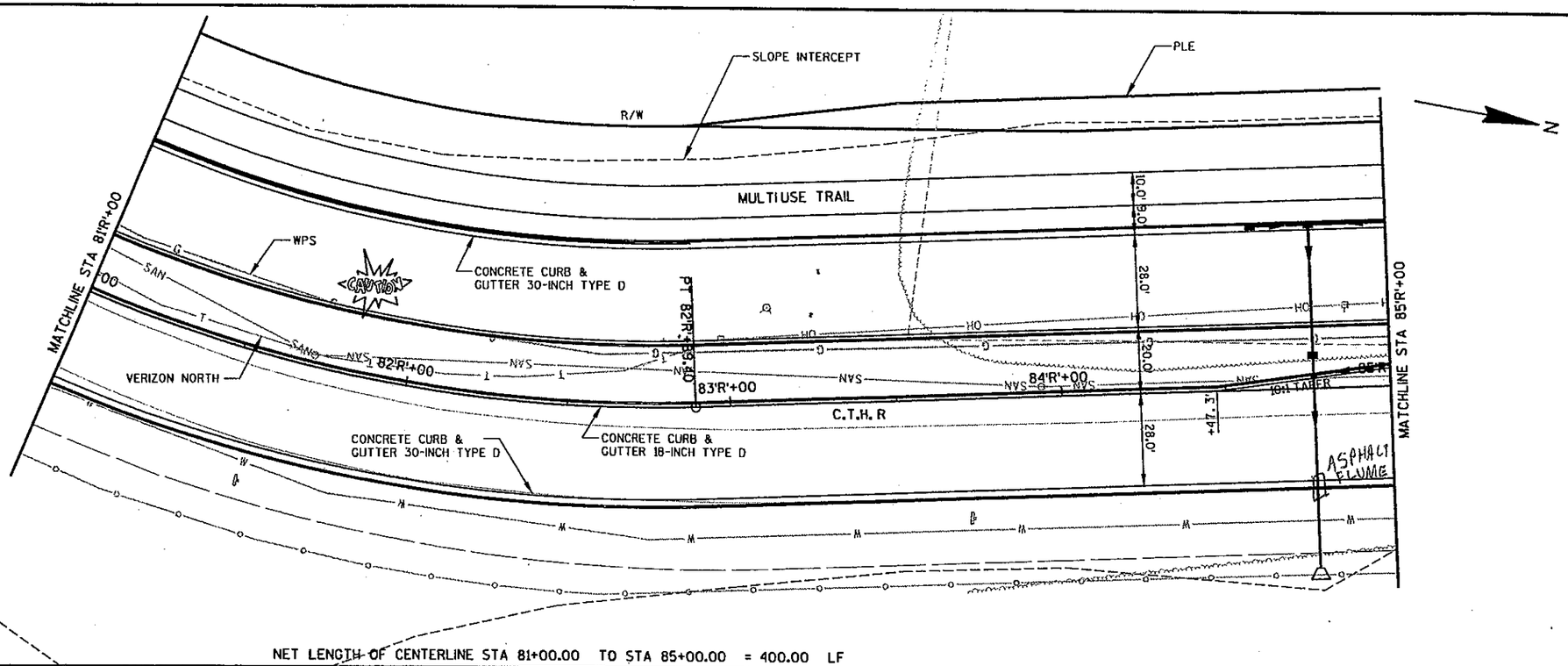
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 119	E

5

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn05.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:20 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



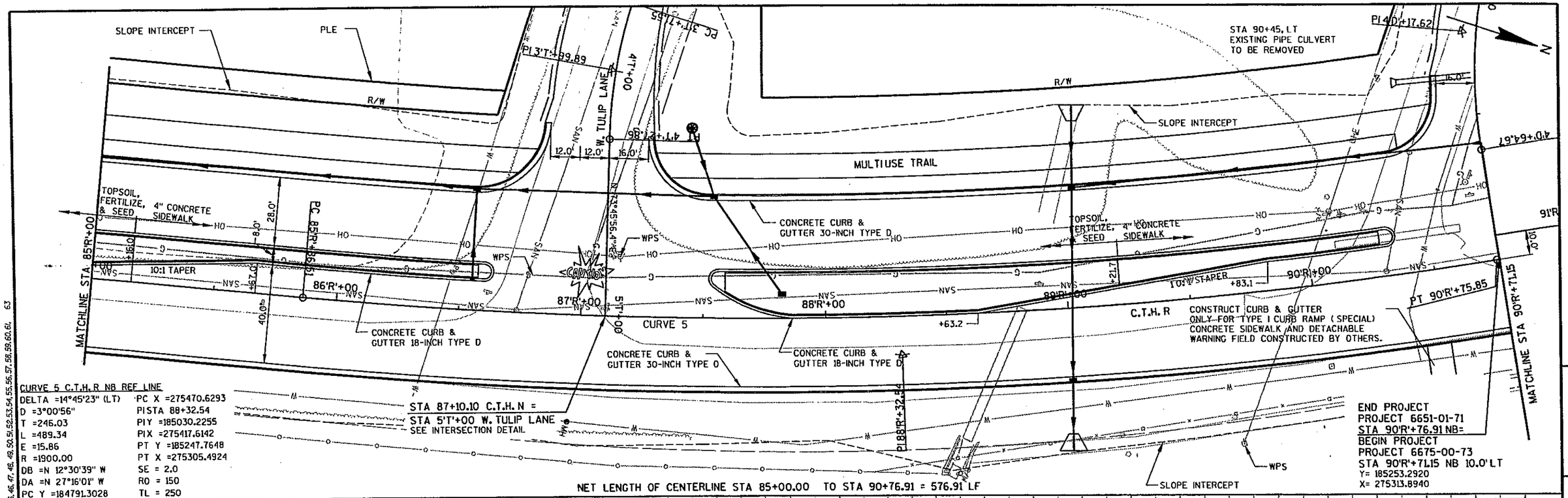
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 12ϕ	E

5

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

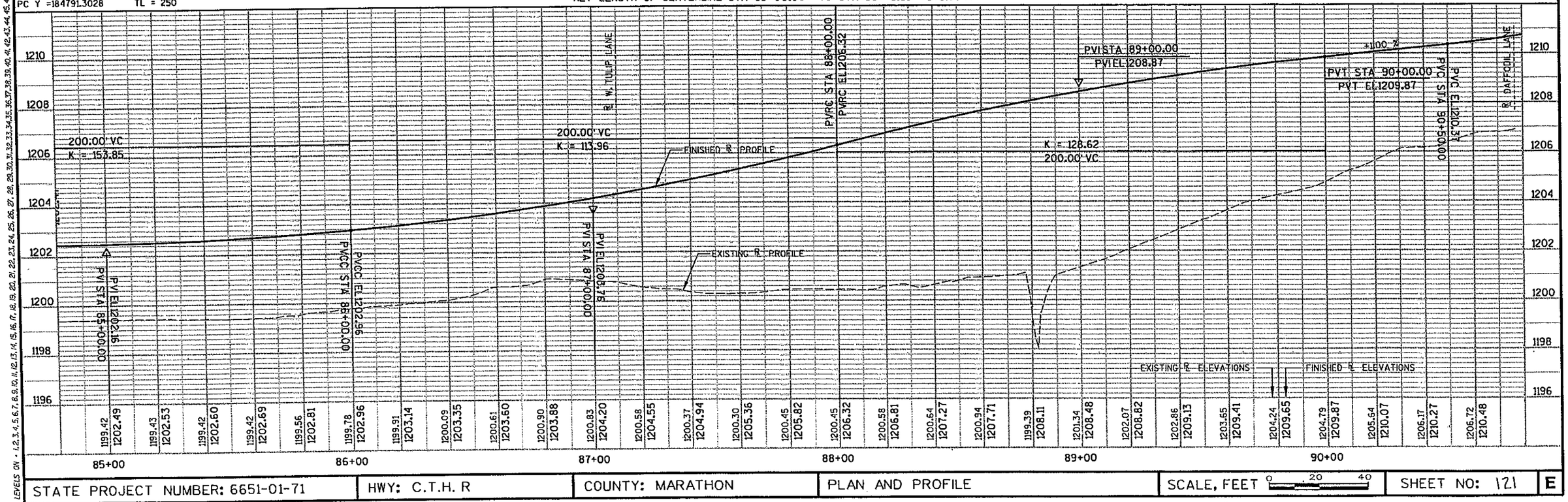
FILE NAME : e:\trans\widot\0223.00\cad\ppcthn06.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:22 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



CURVE 5 C.T.H. R NB REF LINE

DELTA =14°45'23" (LT)	PC X =275470.6293
D =3°00'56"	PI STA 88+32.54
T =246.03	PI Y =185030.2255
L =489.34	PI X =275417.6142
E =15.86	PT Y =185247.7648
R =1900.00	PT X =275305.4924
DB =N 12°30'39" W	SE = 2.0
DA =N 27°16'01" W	RO = 150
PC Y =184791.3028	TL = 250



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 121 E

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn07.dgn | PLOT DATE: 9/26/2003 | PLOT TIME: 10:28:25 AM | ORG DATE : | PLOT NAME : | Originator : Dist | PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

PI 4'D'+17.62

DAFFODIL LANE

STA 4'D'+35.00
1-24" CP REQ'D
2-24" AEW'S REQ'D
UP INV 1206.30
DN INV 1205.30

STA 90'R'+71.15 C.T.H N =
STA 5'D'+00 DAFFODIL LN
SEE INTERSECTION DETAIL

END PROJECT
PROJECT 6651-01-71
STA 90'R'+76.91 NB=
BEGIN PROJECT
PROJECT 6675-00-73
STA 90'R'+71.15 NB 10.0' LT
Y= 185248.709
X= 275305.006

TI FOR SLOPES

R/W

SLOPE INTERCEPT

MULTIUSE TRAIL

15:1 TAPER

WPS

CONCRETE CURB & GUTTER 30-INCH TYPE D

C.T.H R

GRAVEL SHOULDER

10:1 TAPER

STA 92+00, RT
ASPHALTIC FLUME REQ'D

SLOPE INTERCEPT

MATCHLINE STA 90'R'+71.15

MATCHLINE STA 95'R'+00

91'R'+00 92'R'+00 93'R'+00 94'R'+00 95'R'

NET LENGTH OF CENTERLINE STA 90+71.15 TO STA 95+00.00 = 428.85 LF

200.00' VC
K = 54.05

PVI STA 92+50.00
PVI EL 1216.36

R. DAFFODIL LANE

FINISHED R PROFILE

EXISTING R PROFILE

-4.70 %

EXISTING R ELEVATIONS

FINISHED R ELEVATIONS

91+00	92+00	93+00	94+00	95+00
1210.77	1204.15 1211.04	1205.96 1211.39	1207.17 1211.81	1207.30 1212.31
1208.65 1212.88	1209.44 1213.52	1210.25 1214.24	1211.01 1215.03	1211.73 1215.90
1212.47 1216.83	1213.21 1217.77	1213.21 1217.77	1213.95 1218.71	1214.64 1219.65
1215.35 1220.59	1216.03 1221.53	1216.89 1222.47	1217.81 1223.41	1218.63 1224.35
1219.25 1225.29	1219.89 1226.23	1220.77 1227.17	1221.66 1228.11	

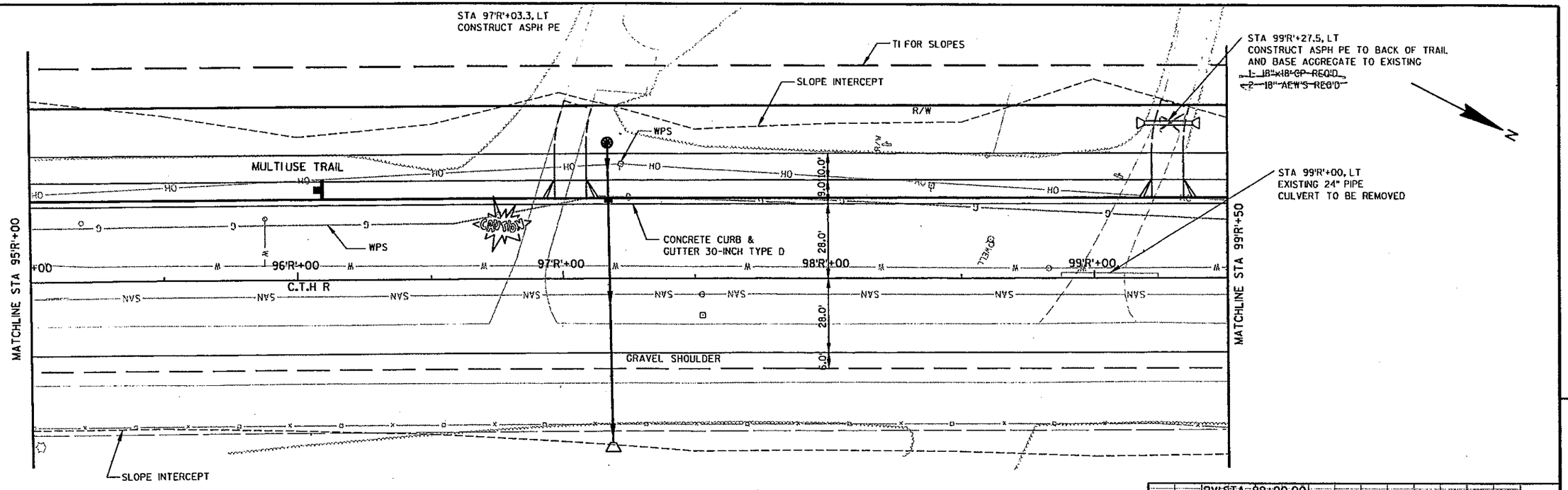
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 122	E

5

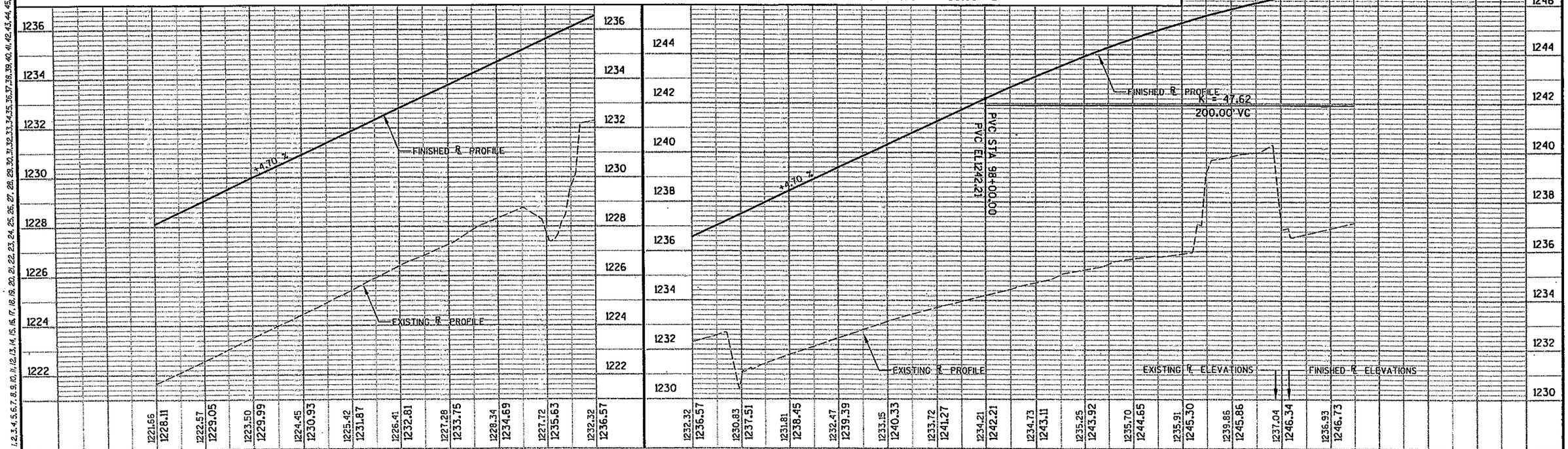
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn08.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



NET LENGTH OF CENTERLINE STA 95+00.00 TO STA 99+50.00 = 450.00 LF



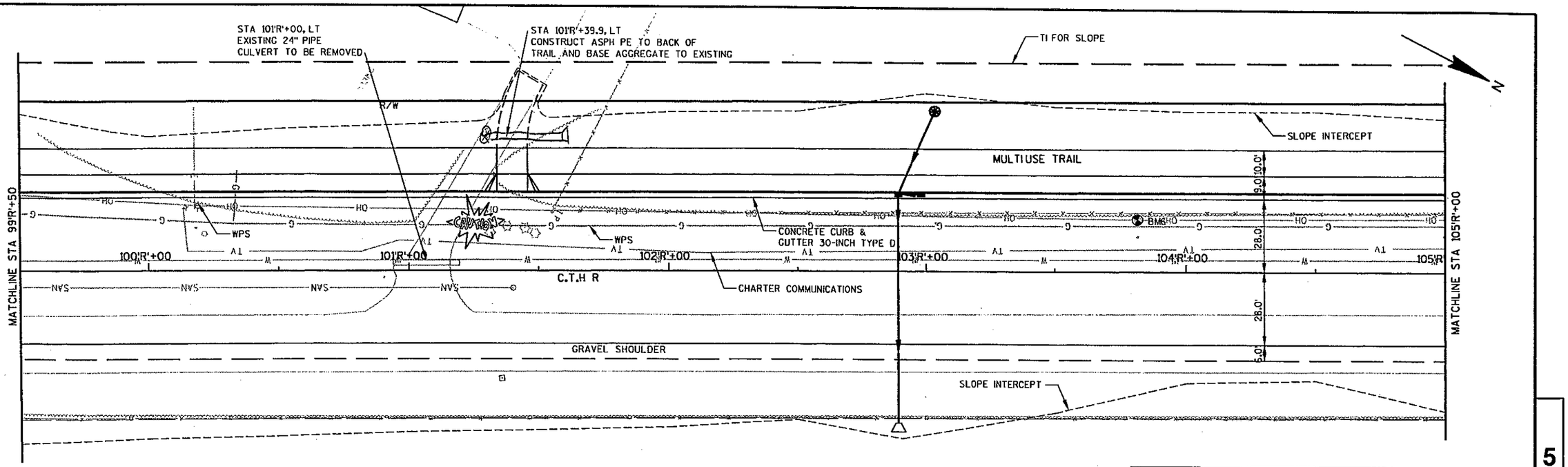
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 123	E

5

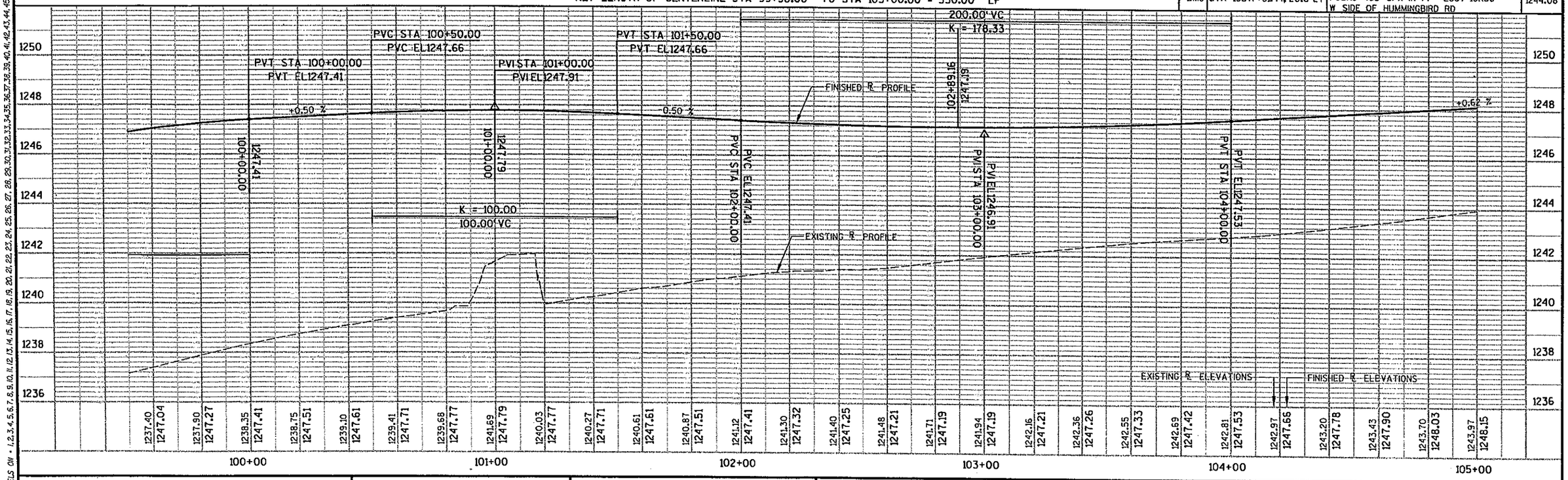
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trons\widot\0223.00\cad\ppcthn09.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:32 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



NET LENGTH OF CENTERLINE STA 99+50.00 TO STA 105+00.00 = 550.00 LF



1237.40	1237.90	1238.35	1238.75	1239.10	1239.41	1239.68	1241.69	1240.03	1240.27	1240.61	1240.87	1241.12	1241.30	1241.40	1241.48	1241.71	1241.94	1242.16	1242.36	1242.55	1242.69	1242.81	1242.97	1243.20	1243.43	1243.70	1243.97
1247.04	1247.27	1247.41	1247.51	1247.61	1247.71	1247.77	1247.79	1247.77	1247.71	1247.61	1247.51	1247.41	1247.32	1247.25	1247.21	1247.19	1247.19	1247.21	1247.26	1247.33	1247.42	1247.53	1247.66	1247.78	1247.90	1248.03	1248.15

BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM6	STA 103'R'+81.44, 20.0' LT	FOUND 40D SPK IN PP *2807-10R50 W SIDE OF HUMMINGBIRD RD	1244.08

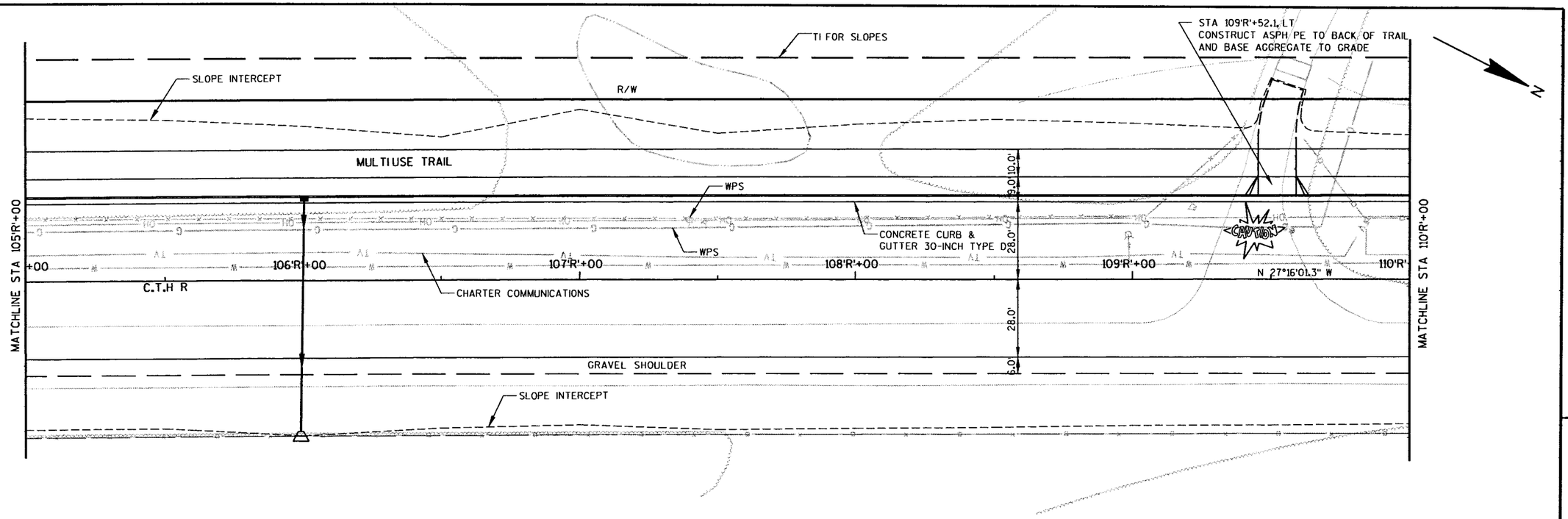
5

STATE PROJECT NUMBER: 6675-00-73 | HWY: C.T.H. R | COUNTY: MARATHON | PLAN AND PROFILE | SCALE, FEET 0 20 40 | SHEET NO: 124 | E

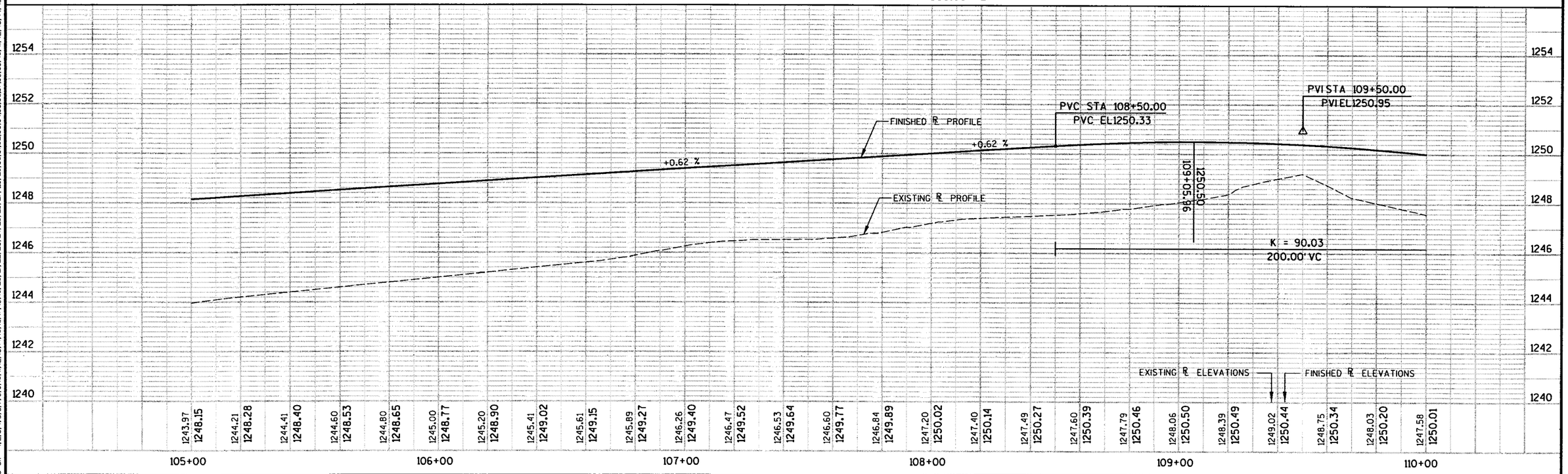
FILE NAME : c:\trans\widot\0223.00\cad\ppethn10.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:35 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63



NET LENGTH OF CENTERLINE STA 105+00.00 TO STA 110+00.00 = 500.00 LF



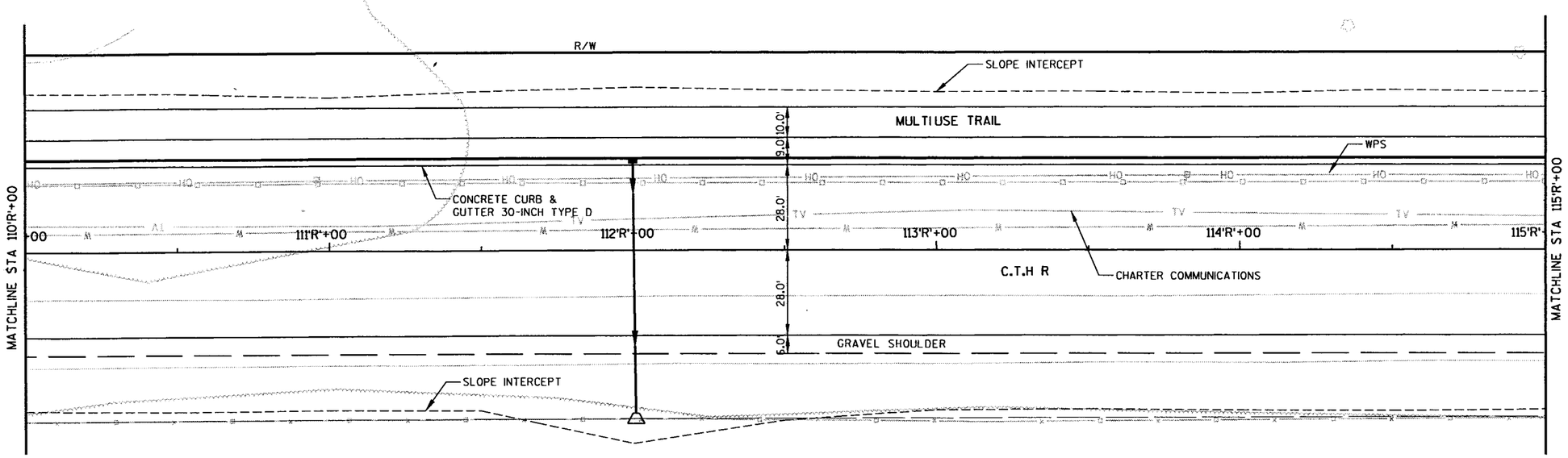
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 125	E

5

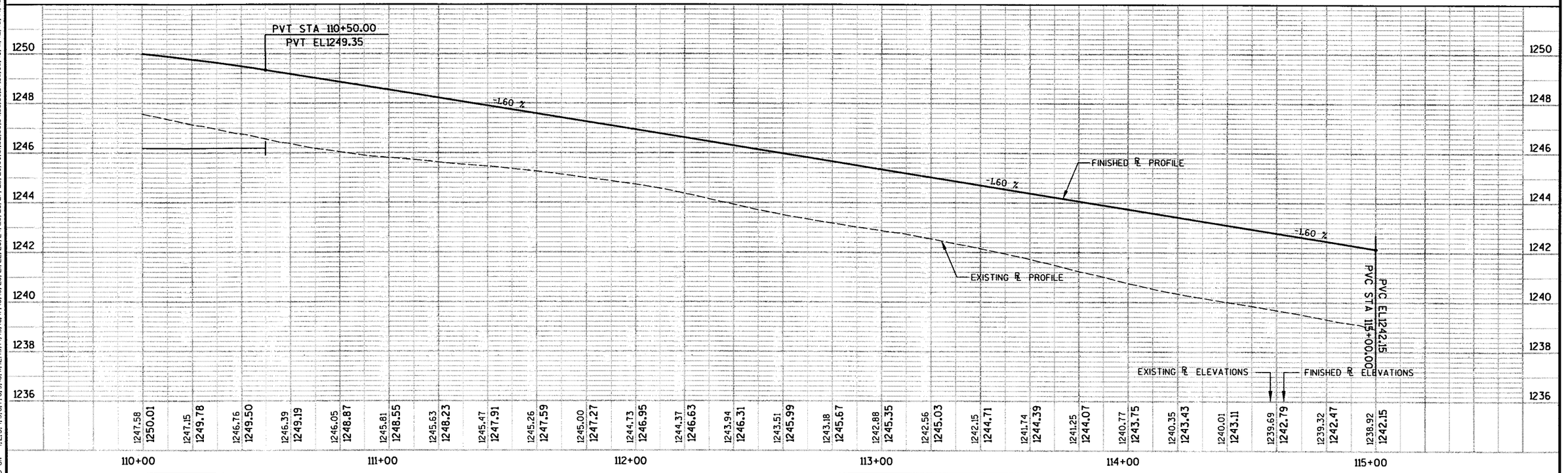
LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn11.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:36 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



NET LENGTH OF CENTERLINE STA 110+00.00 TO STA 115+00.00 = 500.00 LF



STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 126	E

5

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn12.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:38 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

STA 4'C'+34.00
1- 28" CP REQ'D
2- 28" AEW'S REQ'D
UP INV 1235.95
DN INV 1235.65

STA 116'R'+00, LT
EXISTING 36" PIPE
CULVERT TO BE REMOVED

STA 117'R'+85.6, LT
CONSTRUCT ASPH CE
STA 117'R'+85, LT
EXISTING 15" PIPE
CULVERT TO BE REMOVED

TI FOR SLOPES

R/W

REMOVE CULVERT

PI 4'C'+52.82

CLOVERLAND LANE

16.0'

16.0'

PC 4'C'+29.65

PT 4'C'+76.01

SLOPE INTERCEPT

MULTIUSE TRAIL

WPS

CONCRETE CURB & GUTTER 30-INCH TYPE D

10.0'

9.0'

28.0'

28.0'

6.0'

MATCHLINE STA 115'R'+00

116'R'+00

117'R'+00

118'R'+00

119'R'+00

120'R'+00

MATCHLINE STA 120'R'+00

CHARTER COMMUNICATIONS

C.T.H R

CAUTION

WPS

GRAVEL SHOULDER

SLOPE INTERCEPT

STA 116+30.34 C.T.H. R =
STA 5'C'+00 CLOVERLAND LANE
SEE INTERSECTION DETAIL

NET LENGTH OF CENTERLINE STA 115+00.00 TO STA 120+00.00 = 500.00 LF

℄ LILY LANE

200.00' VC
K = 272.73

PVC STA 115+00.00
PVC EL 1242.15

PVI STA 116+00.00
PVI EL 1240.55

PVT STA 117+00.00
PVT EL 1236.99

FINISHED ℄ PROFILE

-0.87 %

EXISTING ℄ PROFILE

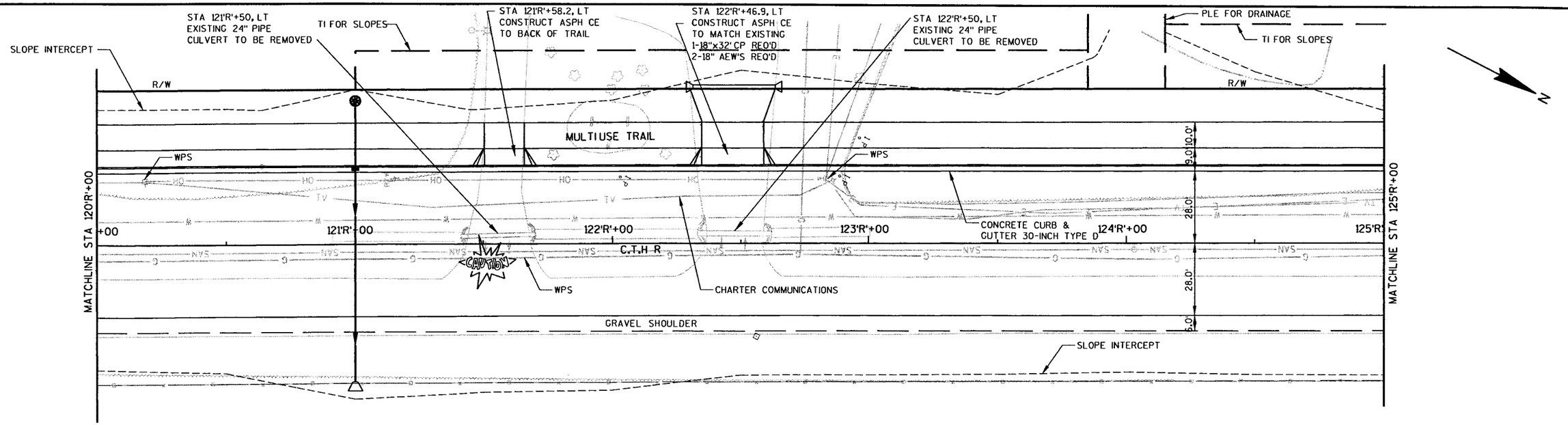
	115+00	116+00	117+00	118+00	119+00	120+00
EXISTING ℄ ELEVATIONS	1238.92	1238.51	1238.03	1237.66	1237.96	1239.37
	1239.13	1236.70	1236.15	1235.58	1234.96	1234.59
	1234.49	1234.52	1235.57	1235.42	1235.22	1234.93
	1234.51	1234.12	1233.84	1233.56	1233.34	1233.17
FINISHED ℄ ELEVATIONS	1242.15	1241.84	1241.54	1241.26	1240.99	1240.73
	1240.49	1240.27	1240.06	1239.86	1239.68	1239.51
	1239.34	1239.16	1238.64	1238.47	1238.30	1238.12
	1237.95	1237.78	1237.60	1237.43	1237.26	1237.08

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 127	E

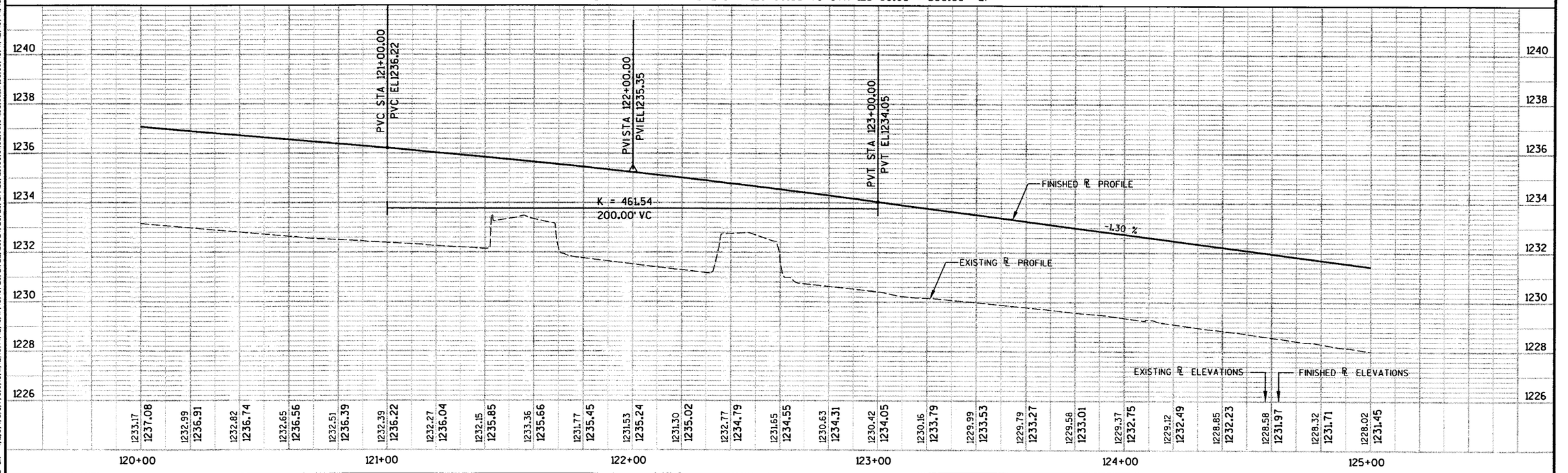
5

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn13.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:40 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



NET LENGTH OF CENTERLINE STA 120+00.00 TO STA 125+00.00 = 500.00 LF

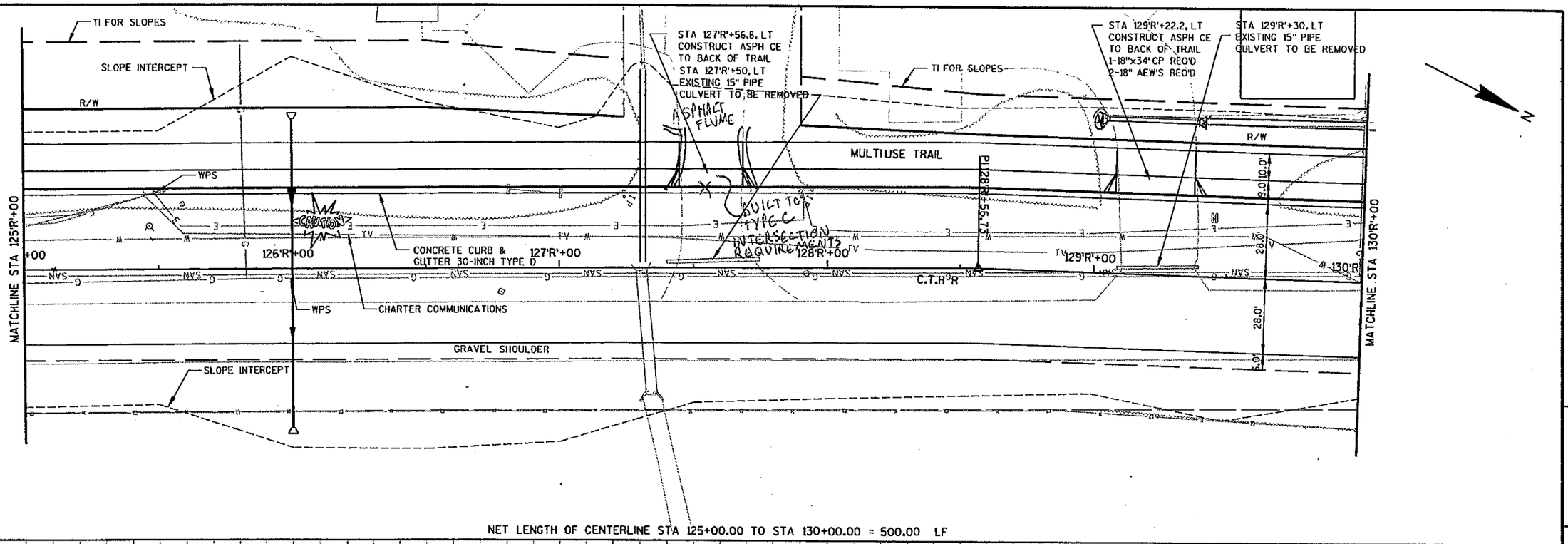


STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 128	E

5

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn14.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:44 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

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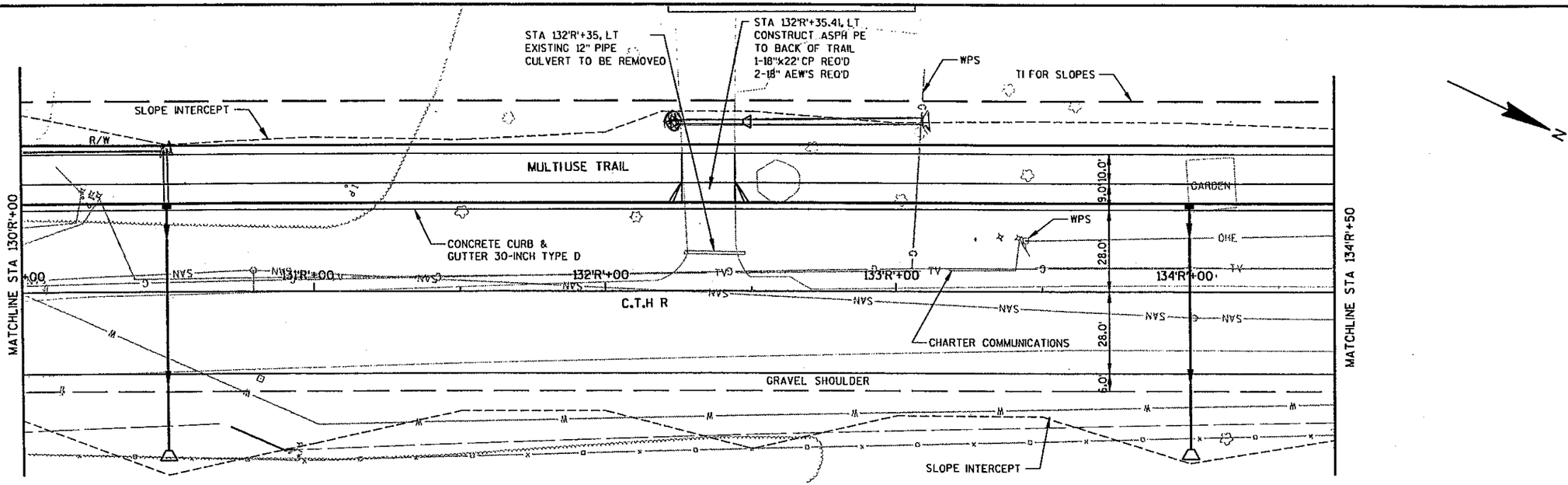
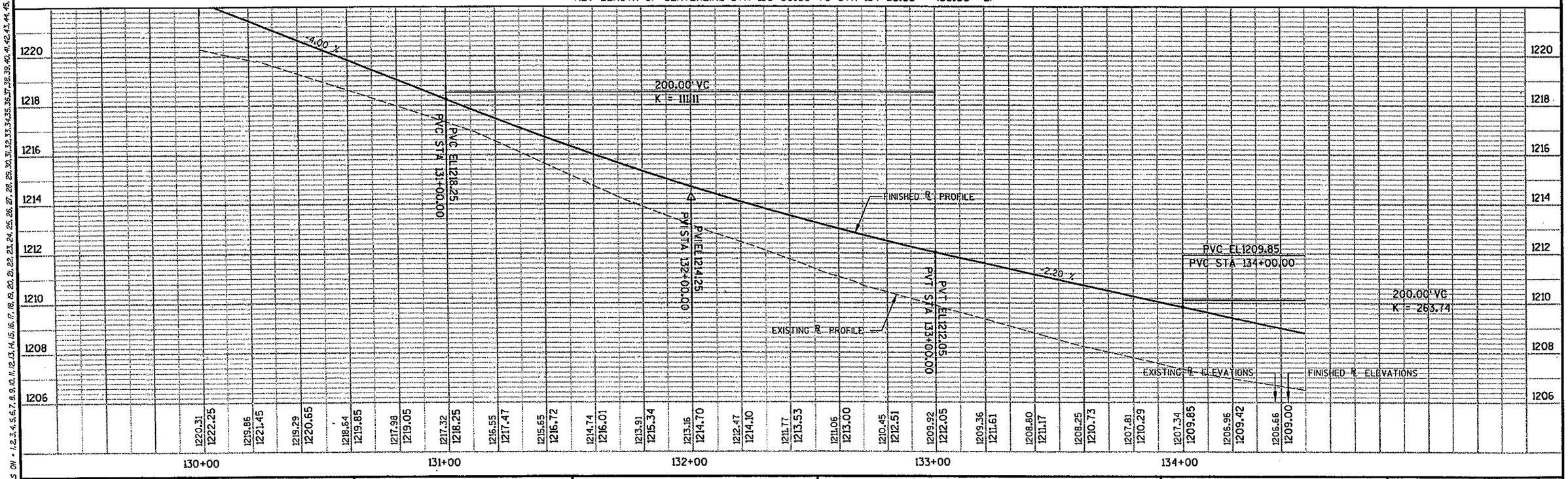
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 129	E

FILE NAME : e:\trans\widot\0223.00\cad\ppcthr15.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:47 AM ORG DATE : PLOT NAME : Originator : Olst PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



NET LENGTH OF CENTERLINE STA 130+00.00 TO STA 134+50.00 = 450.00 LF



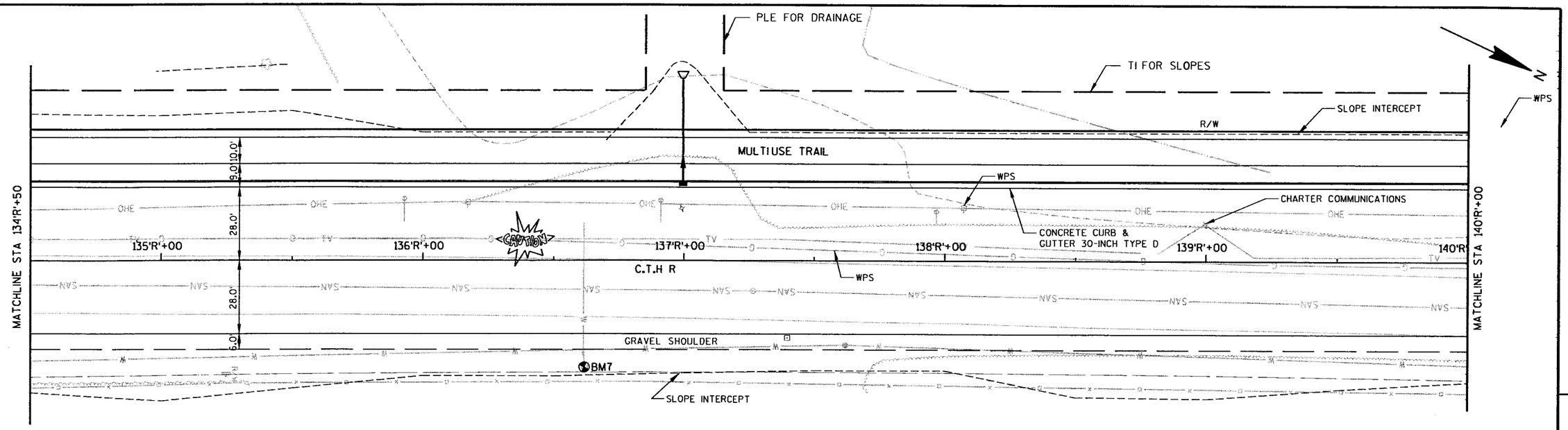
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 13ϕ	E

5

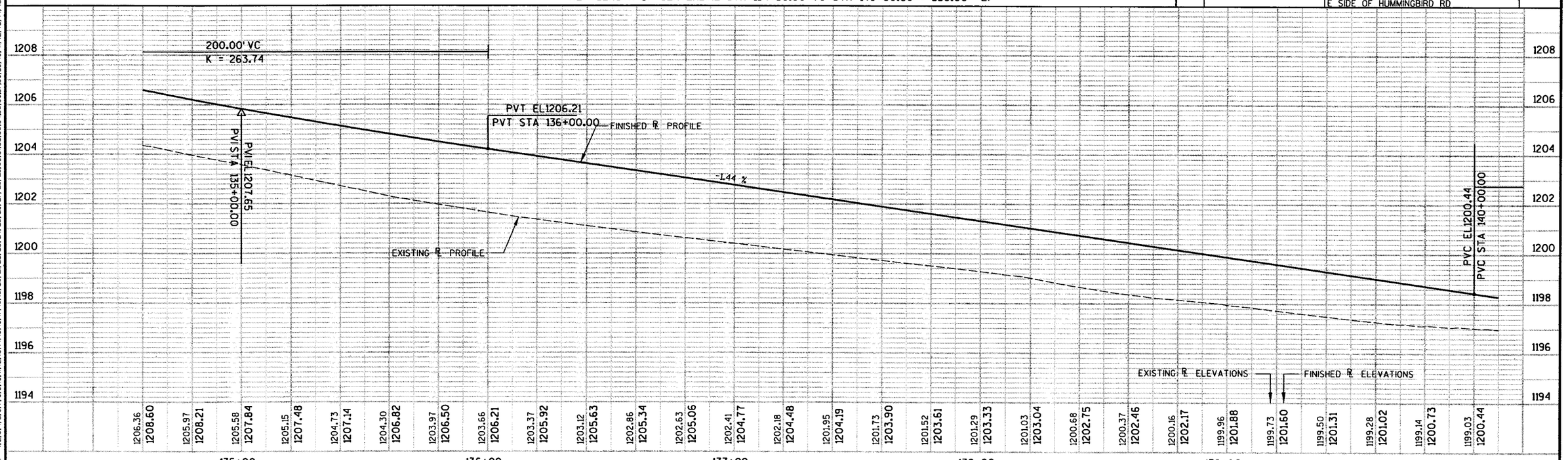
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn16.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:28:49 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



NET LENGTH OF CENTERLINE STA 134+50.00 TO STA 140+00.00 = 550.00 LF



BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM7	136+61.77, 40.8' RT	TOP NUT OF HYD E SIDE OF HUMMINGBIRD RD	1204.12

5

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 131	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

TI FOR SLOPES

SLOPE INTERCEPT

R/W

MULTIUSE TRAIL

10.0'
9.0'
28.0'
28.0'
6.0'

MATCHLINE STA 140'R'+00

+00

141'R'+00

143'R'+00

WPS

CONCRETE CURB & GUTTER 30-INCH TYPE D 142'R'+00

C.T.H. R

CHARTER COMMUNICATIONS

CONCRETE CURB & GUTTER 30-INCH TYPE D

CAUTION

WPS

GRAVEL SHOULDER

SLOPE INTERCEPT

STA 142'R'+00, RT
EXISTING 48" PIPE
CULVERT TO BE REMOVED

STA 142'R'+00, RT
ASPHALTIC FLUME REQ'D

END PROJECT 6675-00-73
STA 143'R'+56.52

ORIOLE LANE

N

BM8

5

BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
BM8		SET 3/8" SPK IN GUY POLE * 2807-10W N END OF HUMMINGBIRD RD	1197.45

NET LENGTH OF CENTERLINE STA 140+00.00 TO STA 143+56.52 = 356.52 LF

PVC EL 1200.44
PVC STA 140+00.00

200.00' VC
K = 111.33

PVI EL 1199.00
PVI STA 141+00.00

141+60.50
1199.28

PVT EL 1199.35
PVT STA 142+00.00

+0.35 %

FINISHED ℄ PROFILE

PVOT STA 143+56.52
PVOT EL 1199.91

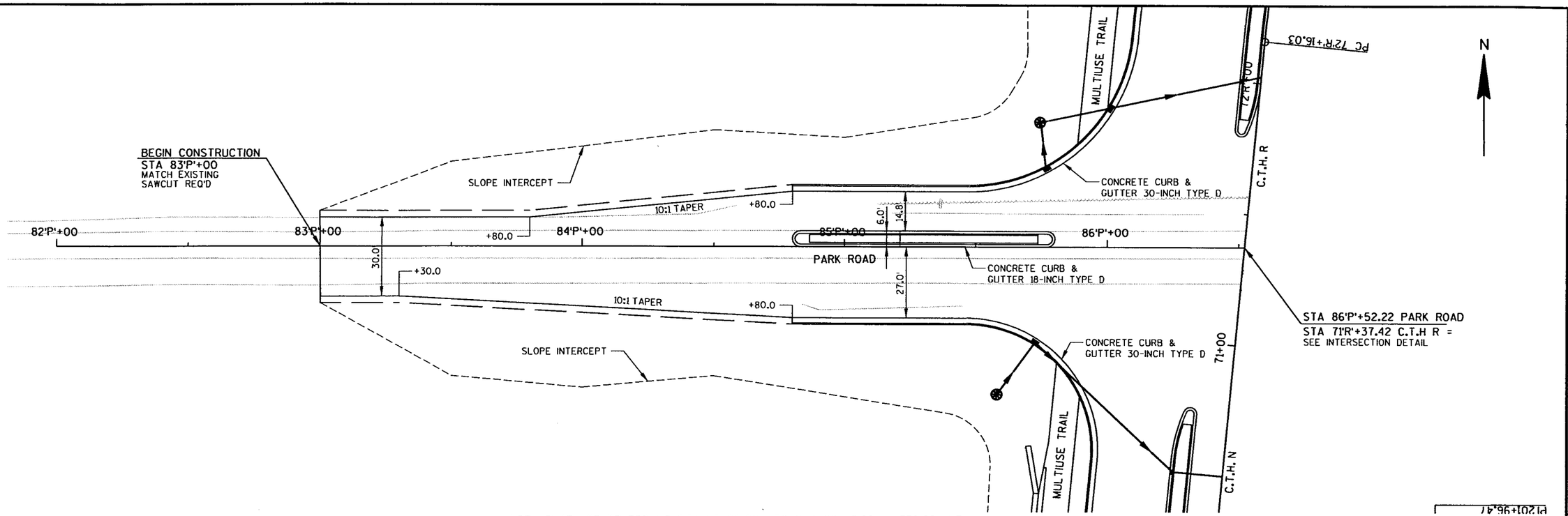
STA 141'R'+75
1-30"x107'RCCP REQ'D
2-30" RCAEW REQ'D
44.0' RT INV EL=1193.08
52.0' LT INV EL=1194.04

EXISTING ℄ PROFILE

EXISTING ℄ ELEVATIONS

FINISHED ℄ ELEVATIONS

| | | |



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	PLAN & PROFILE PARK ROAD	SCALE, FEET 0 20 40	SHEET NO: 133	E

5

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn03park.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:00 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A
WISDOT/CADDS SHEET 40

STA 71'R'+27.53 C.T.H R =
STA 86+49.43 C.T.H. N 'B' LINE
SEE INTERSECTION DETAIL

STA 71+21.17 C.T.H. N =
STA 86+39.79 C.T.H. N
SEE INTERSECTION DETAIL

CURVE 1 C.T.H. N EB REF LINE	CURVE 2 C.T.H. N 'B' LINE
DELTA =47°09'46" (LT)	DELTA =49°48'33" (LT)
D =12°17'54"	D =12°33'17"
T =203.36	T =211.88
L =383.49	L =396.74
E =42.45	E =46.79
R =465.89	R =456.37
DB =N 83°57'18" E	DB =N 83°17'43" E
DA =N 36°47'32" E	DA =N 33°29'11" E
PC Y =183567.2670	PC Y =183574.2259
PC X =275074.5660	PC X =275073.7361
PISTA 89+13.13	PISTA 89+29.89
PIY =183588.6830	PIY =183598.9635
PIX =275276.7964	PIX =275284.1707
PT Y =183751.5373	PT Y =183775.6784
PT X =275398.5924	PT X =275401.0749
SE = 2.0	SE = 2.0
RO = 150	RO = 150
TL = 250	TL = 250

NET LENGTH OF CENTERLINE STA 85+00.00 TO STA 88+50.00 = 350.0 LF

BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
BM5	89'B' LINE+06.36, 102.3' RT	TOP S END 24"CMP PARK RD 75' W OF C.T.H. N	1194.74

5

200.00' VC
K = 97.56

-2.00 %
-1.55 %
+0.50 %

PVOT STA 86+49.43
PVOT EL1201.01
PVI STA 86+77.43
PVI EL1200.45
PVC STA 88+00.00
PVC EL1198.55
PVI STA 89+00.00
PVI EL1197.00
89+51.22
1197.38
PVI EL1197.50
PVI STA 90+00.00
PVT EL1197.50
PVT STA 90+00.00

FINISHED ℄ PROFILE
EXISTING ℄ PROFILE

	87+00			88+00			89+00			90+00			91+00	
EXISTING ℄ ELEVATIONS	1200.51	1199.77	1199.03	1198.52	1198.04	1197.51	1196.90	1195.98	1194.99	1194.68	1194.55	1194.47	1193.88	1193.61
FINISHED ℄ ELEVATIONS		1200.80	1200.41	1200.10	1199.79	1199.48	1199.17	1198.86	1198.55	1198.26	1198.01	1197.80	1197.64	1197.51

1193.42	1193.06	1193.04	1195.34	1194.33	1193.35	1193.36
1197.43	1197.38	1197.38	1197.42	1197.50	1197.60	1197.70

1193.17	1193.01	1193.13	1192.84	1195.25	1196.76	1195.07
1197.80	1197.90	1198.00	1198.10	1198.20	1198.30	1198.40

STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	PLAN AND PROFILE	SCALE, FEET 0 20 40	SHEET NO: 134	E
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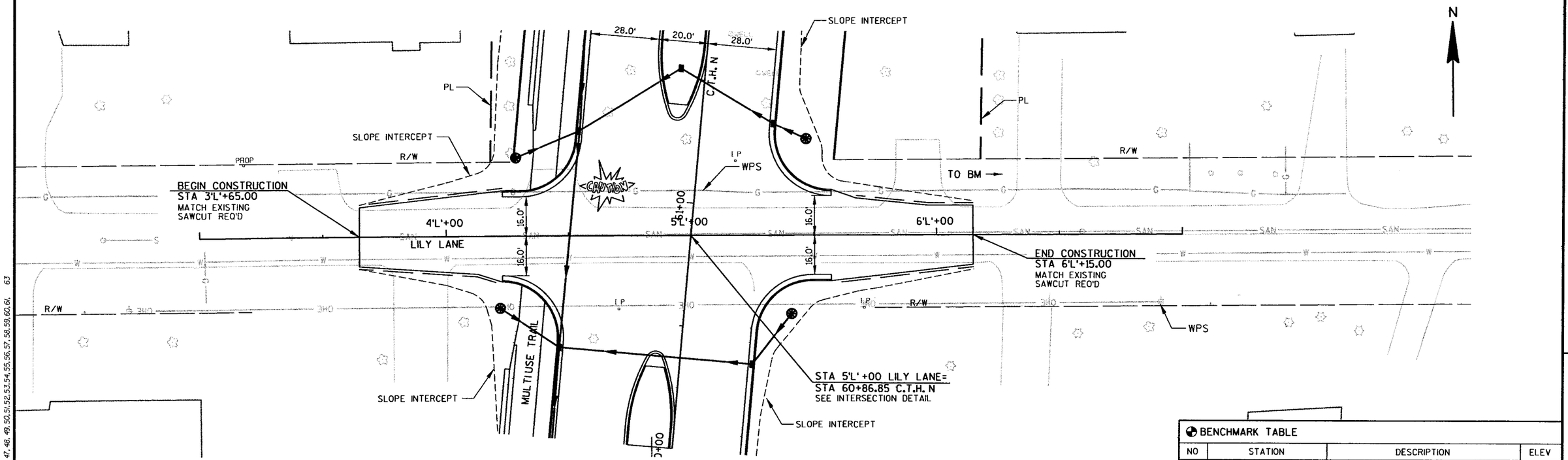
FILE NAME : e:\trans\widot\0223.00\cad\ppcthn03rib mtn dr.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:03 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

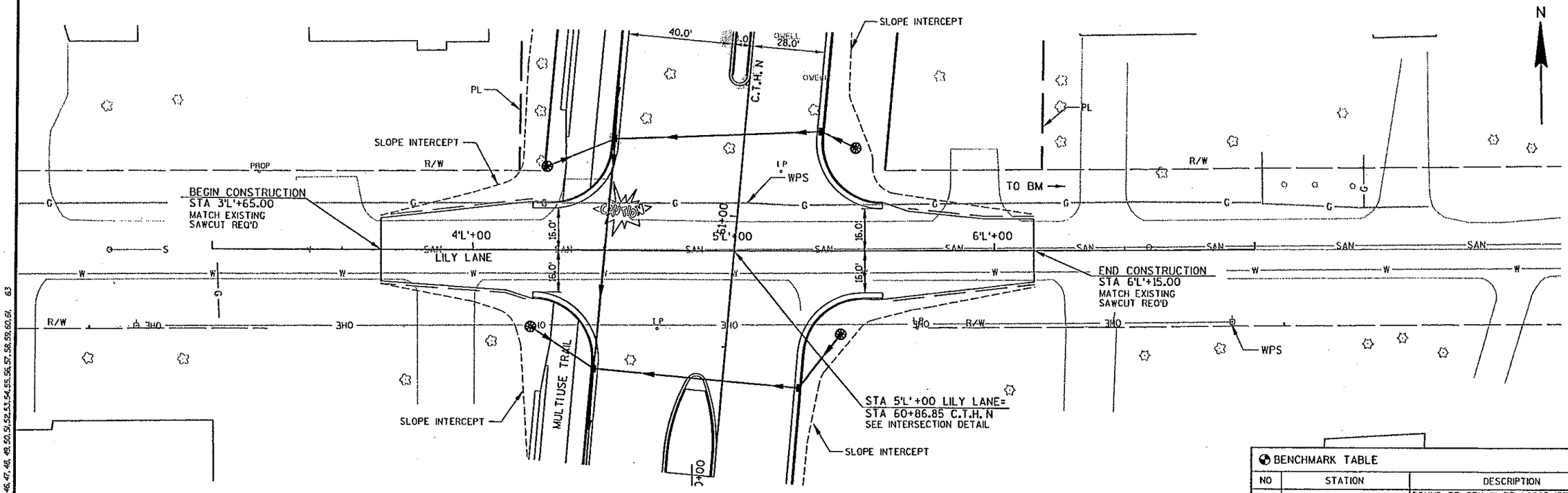


STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	PLAN AND PROFILE- LILY LANE	SCALE, FEET 0 20 40	SHEET NO: 135	E

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn01lily.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:08 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61, 63



BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
BM1	60+95.79, 398.0'RT	FOUND RR SPK IN PP *2807-15R92 SE COR OF RIB MTN DR & LILY LN	1193.45

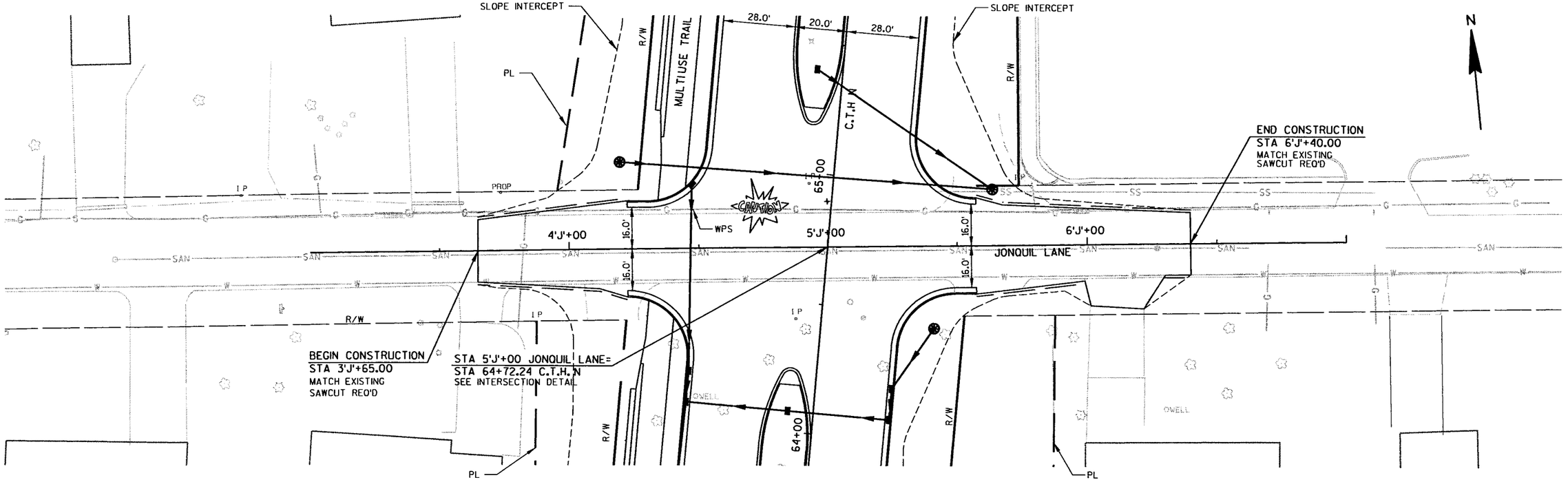
5

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

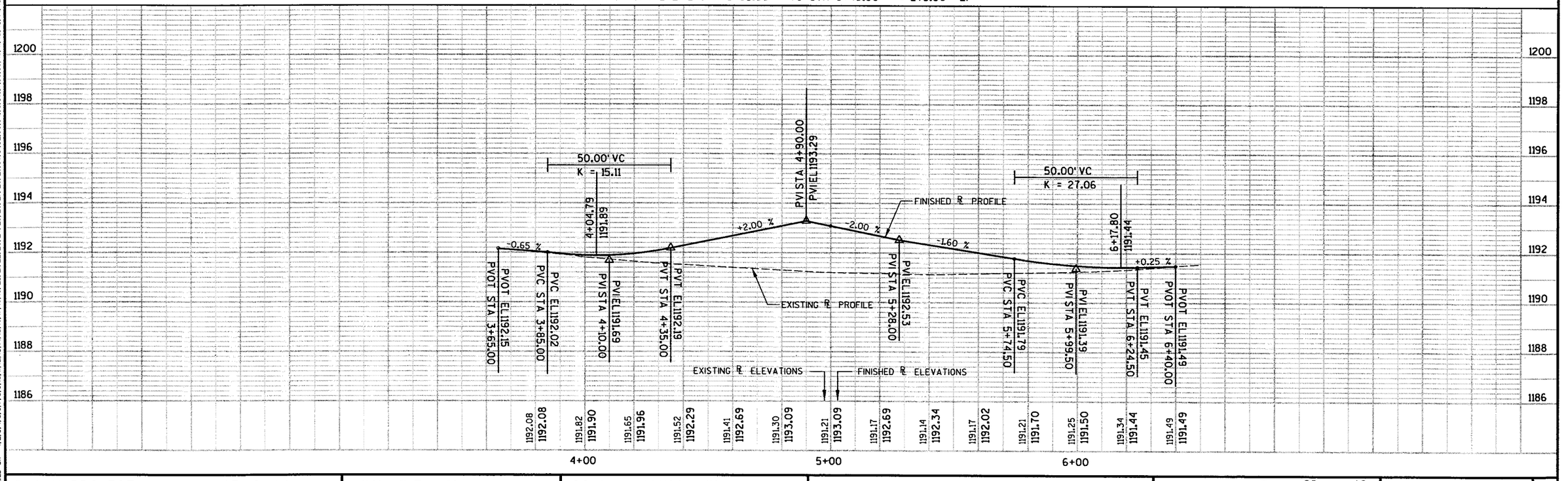
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	PLAN AND PROFILE- LILY LANE	SCALE, FEET 0 20 40	SHEET NO: 135A	E

FILE NAME : e:\Trans\Widot\0223.00\CAD\PPCTHN01Lily.dgn PLOT DATE: 5/10/2004 PLOT TIME: 8:50:00 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



NET LENGTH OF CENTERLINE STA 3+65.00 TO STA 6+40.00 = 275.00 LF



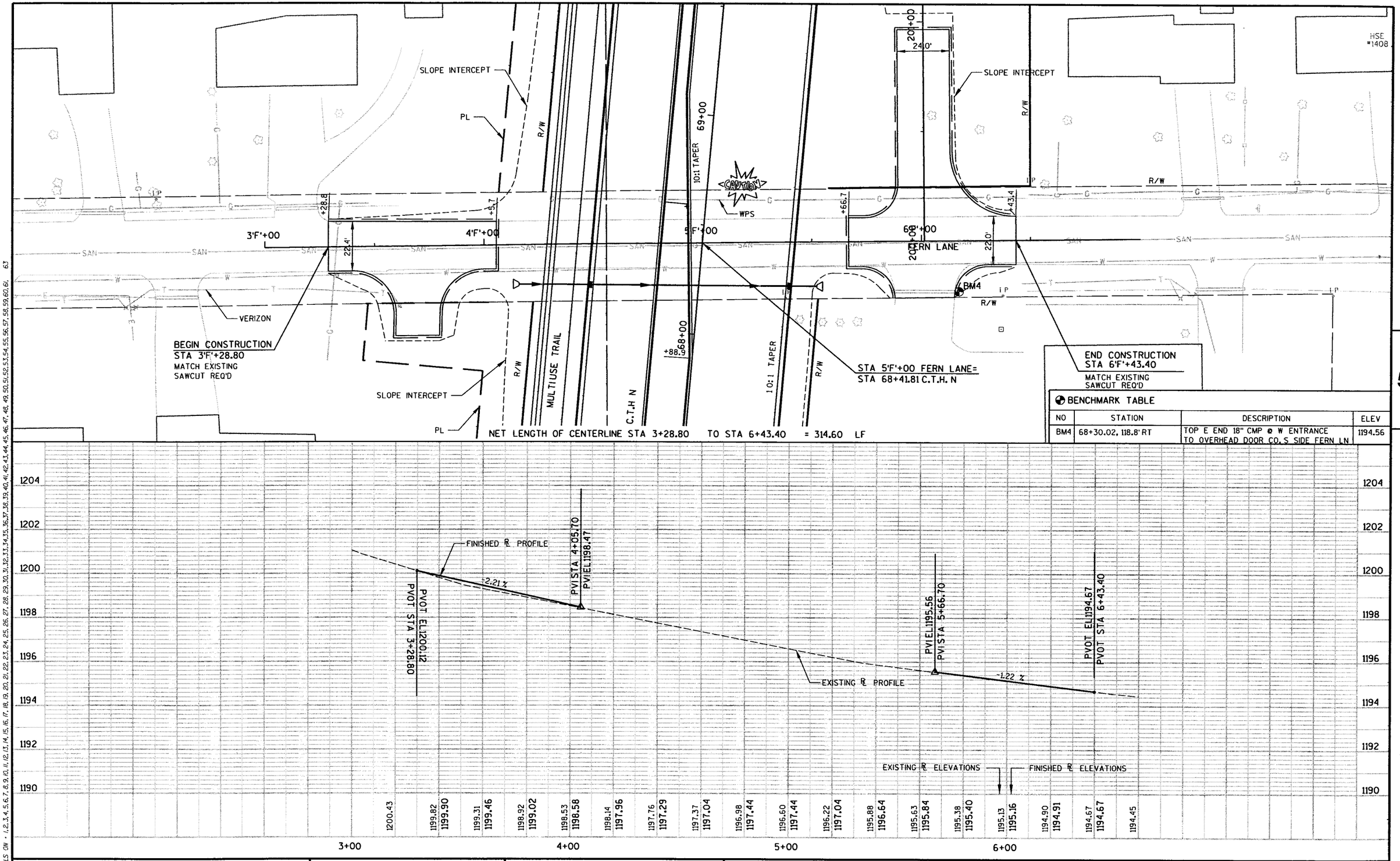
STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	PLAN & PROFILE - JONQUIL LANE	SCALE, FEET 0 20 40	SHEET NO: 136	E

5

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn02ajonquil.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:10 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
BM4	68+30.02, 118.8' RT	TOP E END 18" CMP @ W ENTRANCE TO OVERHEAD DOOR CO.'S SIDE FERN LN	1194.56

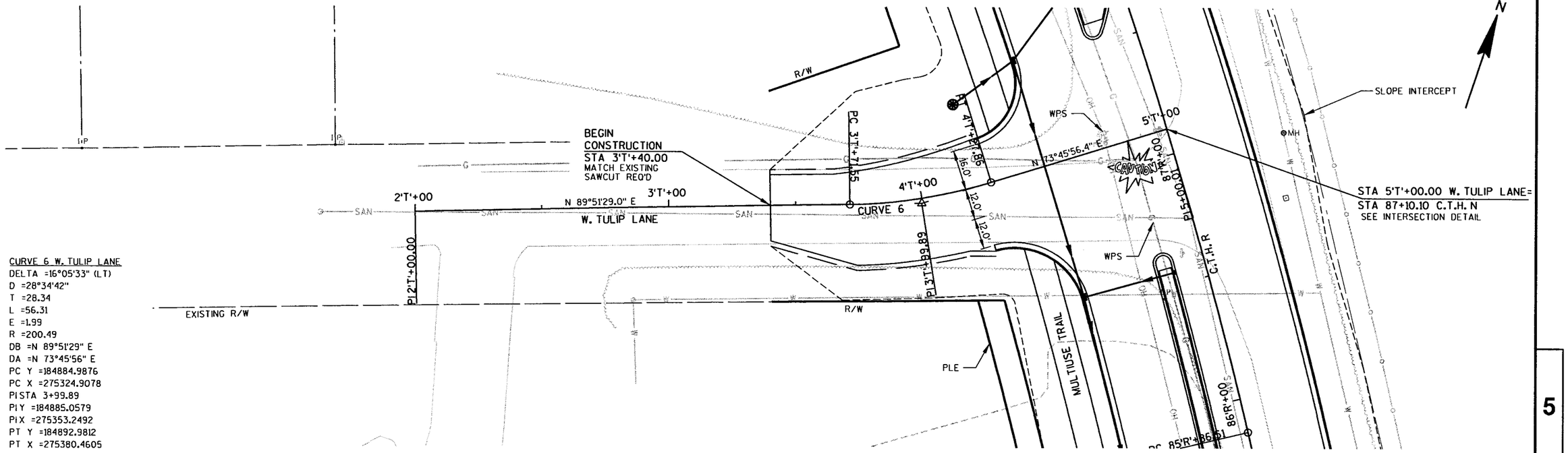
5

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

STATE PROJECT NUMBER: 6651-51-01	HWY: C.T.H. N	COUNTY: MARATHON	PLAN AND PROFILE - FERN LANE	SCALE, FEET 0 20 40	SHEET NO: 137	E

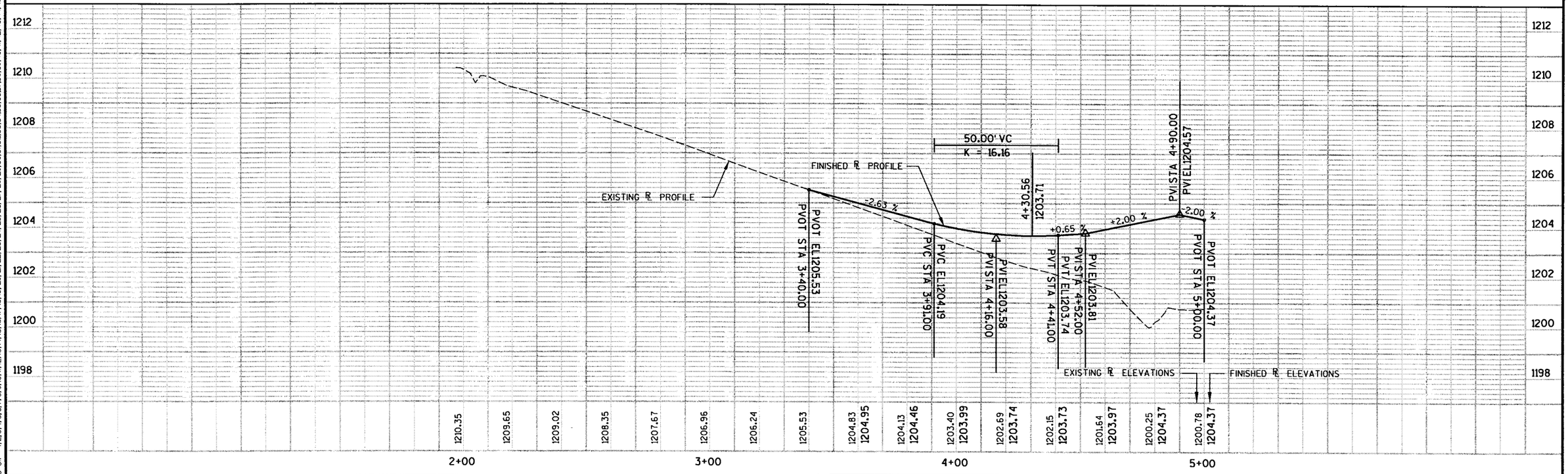
FILE NAME : e:\trans\widot\0223.00\cad\ppcthn02fern.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:13 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40



CURVE 6 W. TULIP LANE
DELTA =16°05'33" (LT)
D =28°34'42"
T =28.34
L =56.31
E =1.99
R =200.49
DB =N 89°51'29" E
DA =N 73°45'56" E
PC Y =184884.9876
PC X =275324.9078
PI STA 3+99.89
PI Y =184885.0579
PI X =275353.2492
PT Y =184892.9812
PT X =275380.4605

NET LENGTH OF CENTERLINE STA 3+40.00 TO STA 5+00.00 = 160.00 LF



STATE PROJECT NUMBER: 6651-01-71	HWY: C.T.H. N	COUNTY: MARATHON	PLAN AND PROFILE - W. TULIP LANE	SCALE, FEET 0 20 40	SHEET NO: 138	E

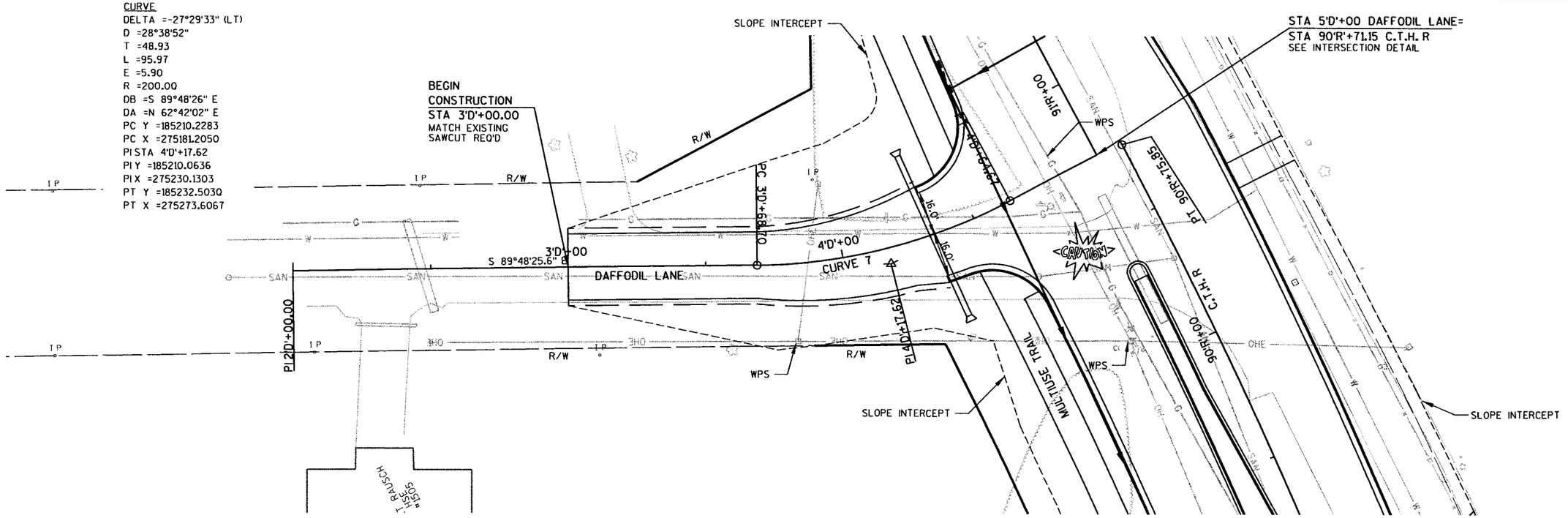
5

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

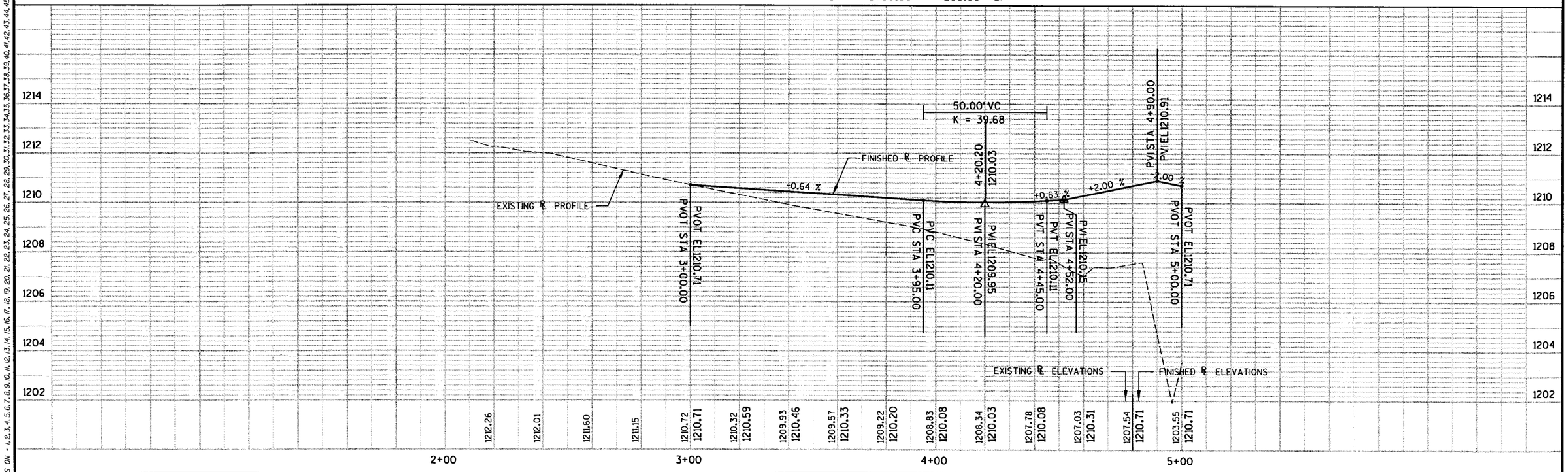
FILE NAME : e:\trans\widot\0223.00\cad\ppcthn07tulip.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:19 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 40

CURVE
DELTA =-27°29'33" (LT)
D =28°38'52"
T =48.93
L =95.97
E =5.90
R =200.00
DB =S 89°48'26" E
DA =N 62°42'02" E
PC Y =185210.2283
PC X =275181.2050
PI STA 4'D'+17.62
PI Y =185210.0636
PI X =275230.1303
PT Y =185232.5030
PT X =275273.6067



NET LENGTH OF CENTERLINE STA 3+00.00 TO STA 5+00.00 = 200.00 LF

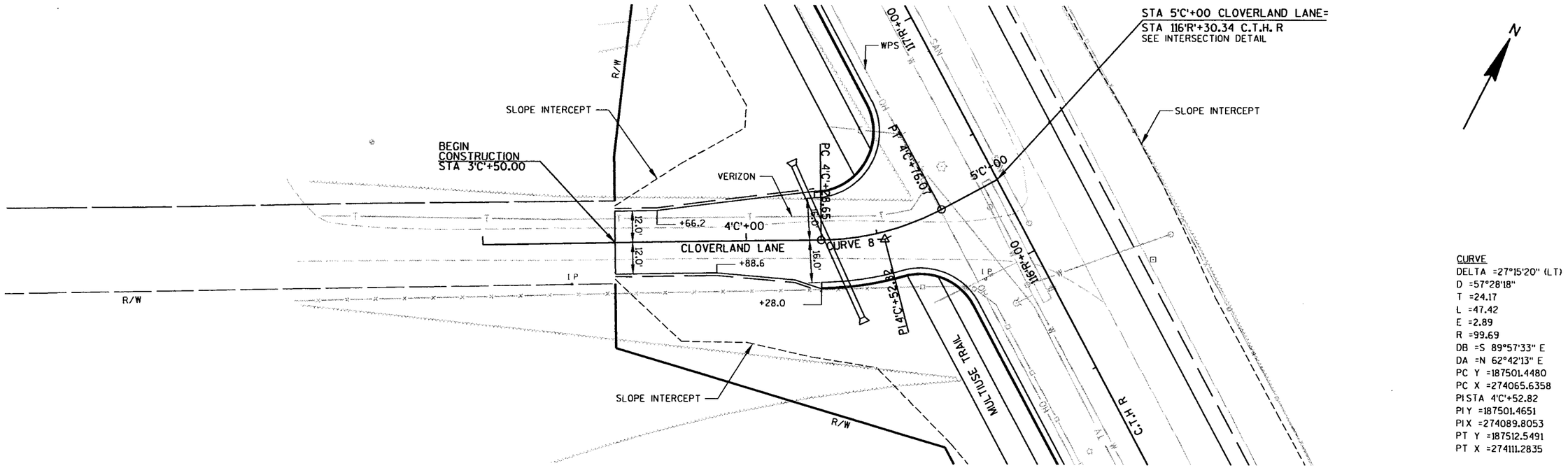


STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N	COUNTY: MARATHON	PLAN AND PROFILE - DAFFODIL LANE	SCALE, FEET 0 20 40	SHEET NO: 139	E

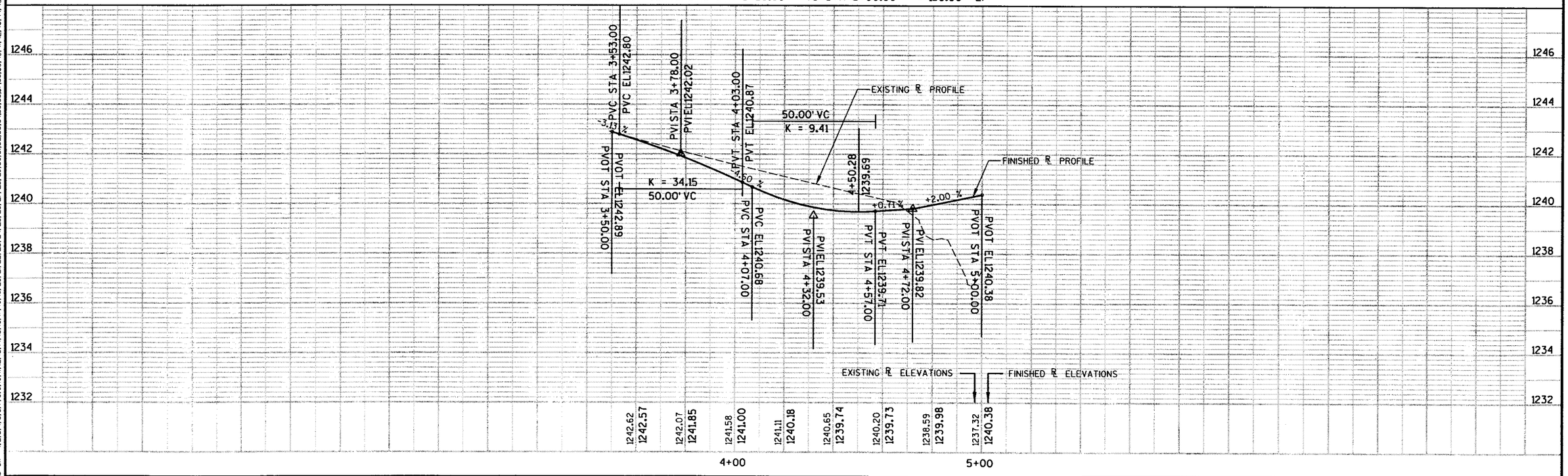
5

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

FILE NAME : e:\trans\widot\0223.00\cad\ppcthn08daffodil.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:23 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



NET LENGTH OF CENTERLINE STA 3+50.00 TO STA 5+00.00 = 150.00 LF



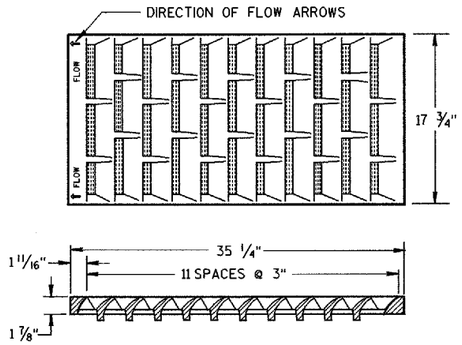
STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. N	COUNTY: MARATHON	PLAN AND PROFILE-CLOVERLAND LANE	SCALE, FEET 0 20 40	SHEET NO: 140	E

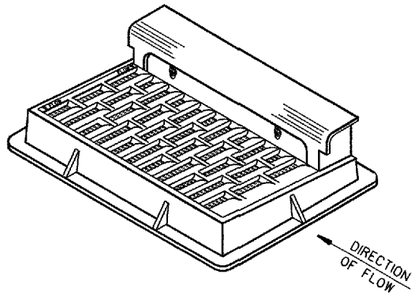
5

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63

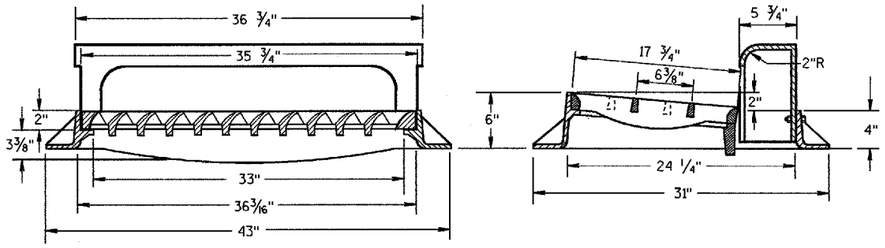
FILE NAME : e:\trans\widot\0223.00\cad\ppcthn13cloverland.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:25 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

NOTE:
GRATE IS REVERSIBLE.





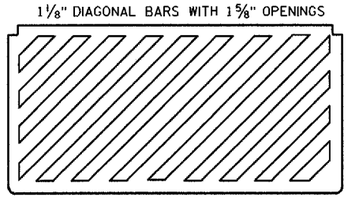
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"



TYPE "H"

(APPROXIMATE WEIGHT 422 LBS.)
FRAME..... 175 LBS.
GRATE..... 138 LBS.
CURB BOX..... 109 LBS.

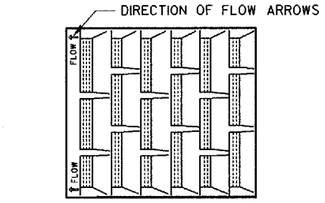
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS

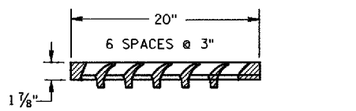


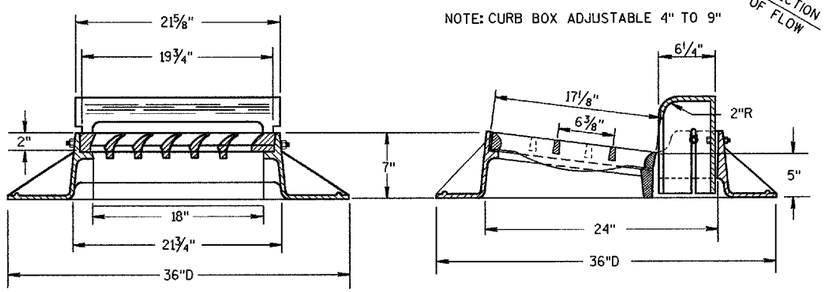
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")
(APPROXIMATE WEIGHT 172 LBS.)
GRATE..... 172 LBS.

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

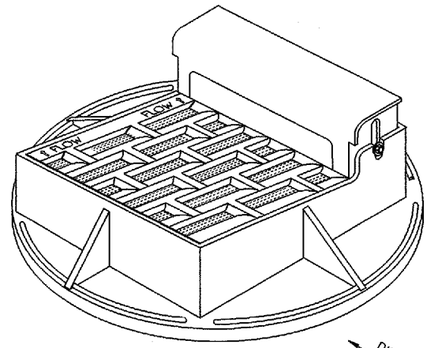






TYPE "A"

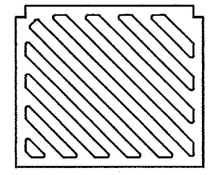
(APPROXIMATE WEIGHT 325 LBS.)
FRAME..... 157 LBS.
GRATE..... 84 LBS.
CURB BOX..... 84 LBS.



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.

1" DIAGONAL BARS
WITH 1 1/2" OPENINGS



SPECIAL GRATE FOR TYPE "A" COVER

(MEASURES 19 3/4" X 17" X 1 1/8")
GRATE..... 84 LBS.

(NOTED AS TYPE A-S ON DRAINAGE TABLE)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.

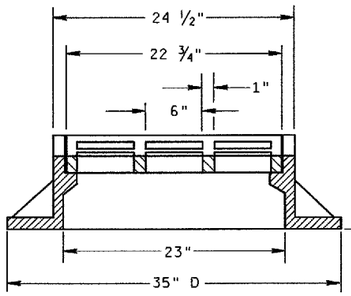
INLET COVERS
TYPE A, H, A-S, & H-S

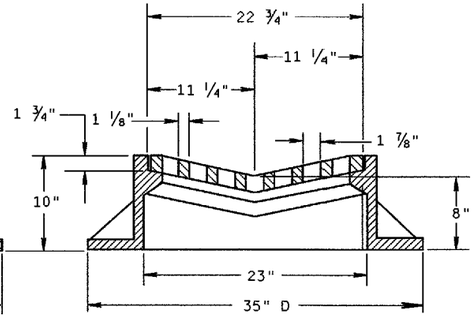
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/04/99
DATE
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

S.D.D. 8 A 5-16a

S.D.D. 8 A 5-16a

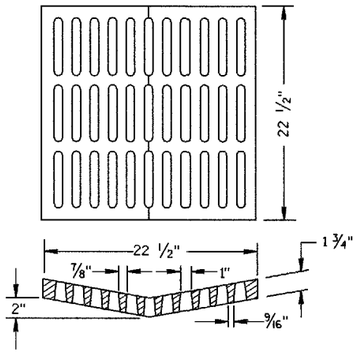




TYPE "B"

(APPROXIMATE WEIGHT 395 LBS.)

FRAME..... 285 LBS.
GRATE..... 110 LBS.

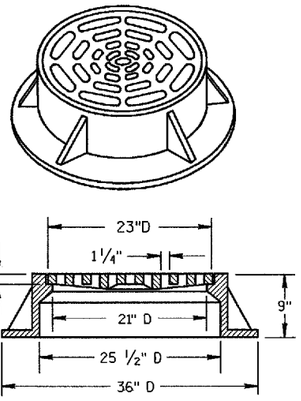


ALTERNATIVE GRATE FOR TYPE "B" COVER

(APPROXIMATE GRATE WEIGHT 125 LBS.)
GRATE.....125 LBS.

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.

NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

(APPROXIMATE WEIGHT 340 LBS.)

FRAME..... 235 LBS.
GRATE..... 105 LBS.

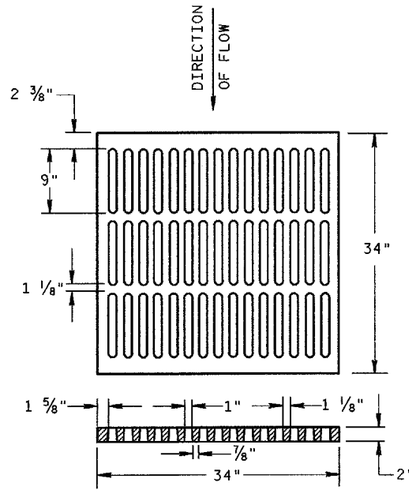
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.

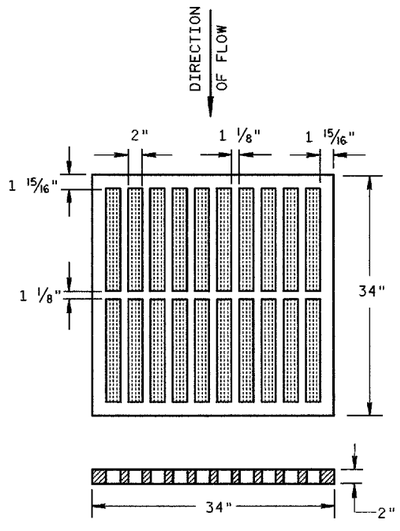


ALTERNATIVE TYPE "MS"

(APPROXIMATE GRATE WEIGHT 365 LBS.)
GRATE.....365 LBS.

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED

NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

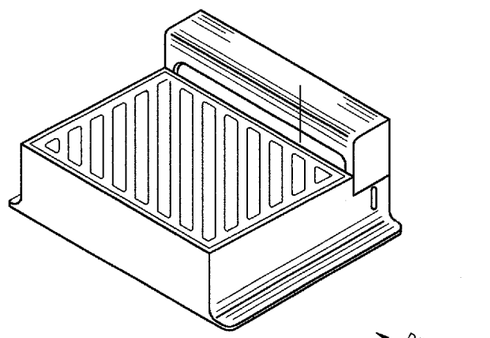


TYPE "MS"

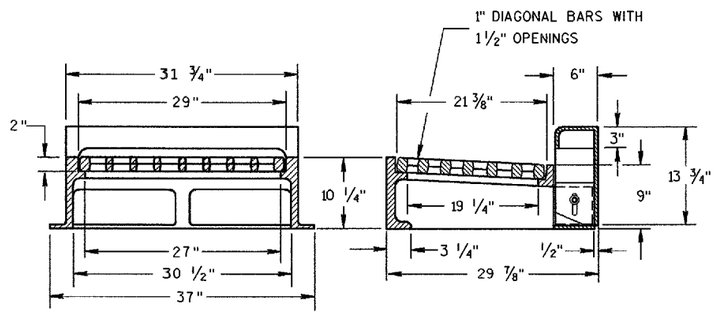
(APPROXIMATE GRATE WEIGHT 270 LBS.)
GRATE.....270 LBS.

USE ON FREEWAYS AND EXPRESSWAYS

NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

(APPROXIMATE WEIGHT 670 LBS.)

FRAME..... 360 LBS.
GRATE..... 160 LBS.
CURB BOX..... 150 LBS.

INLET COVERS
TYPE B, B-A, C, MS, MS-A, & WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 10/04/99
DATE
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

S.D.D. 8 A 5-16b

S.D.D. 8 A 5-16b

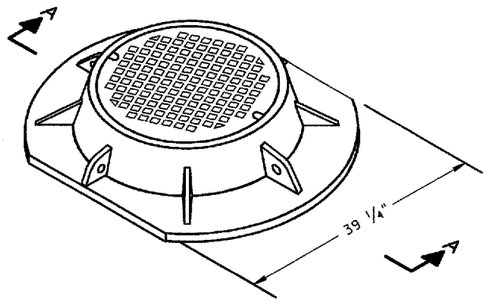
GENERAL NOTES

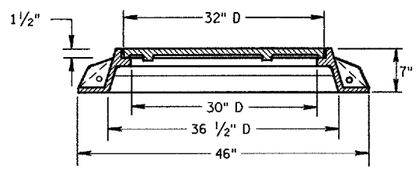
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

THE ACTUAL WEIGHT OF COVERS MAY VARY WITHIN 5 PERCENT, PLUS OR MINUS, OF THE APPROXIMATE WEIGHT.



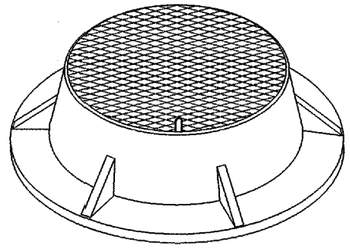


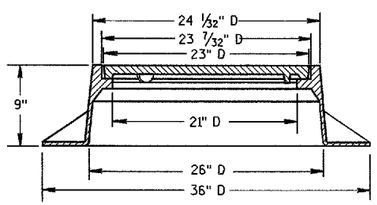
SECTION A-A

TYPE "K"

(APPROXIMATE WEIGHT 415 LBS.)

FRAME.....210 LBS.
LID.....205 LBS.

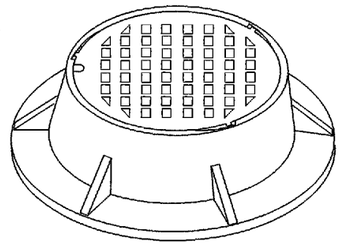


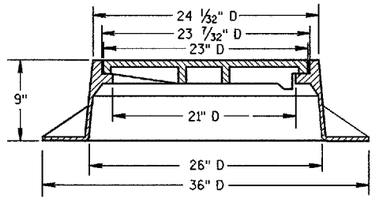


TYPE "J"

(APPROXIMATE WEIGHT 250 LBS.)

FRAME.....135 LBS.
LID.....115 LBS.





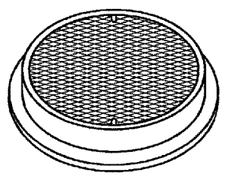
TYPE "J" SPECIAL

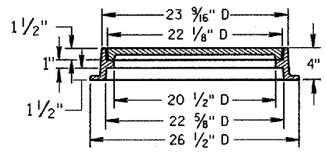
TYPE "B" NON-ROCKING SELF-SEAL LID

(APPROXIMATE WEIGHT 245 LBS.)

FRAME.....145 LBS.
LID.....100 LBS.

(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

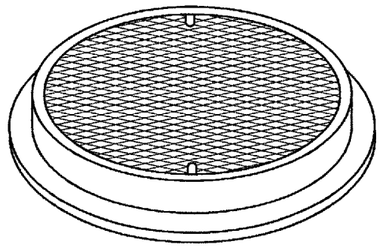


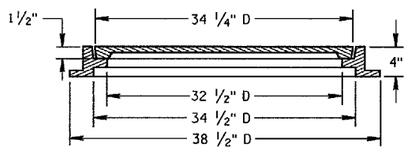


TYPE "L"

(APPROXIMATE WEIGHT 145 LBS.)

FRAME.....75*
LID.....70*

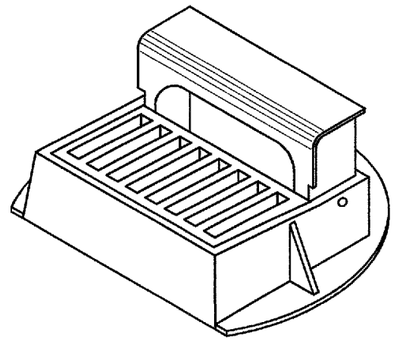


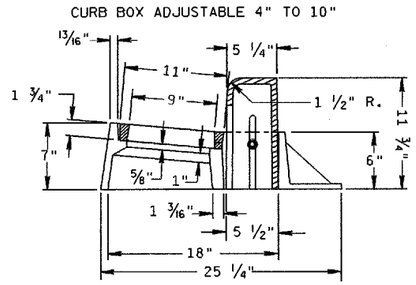


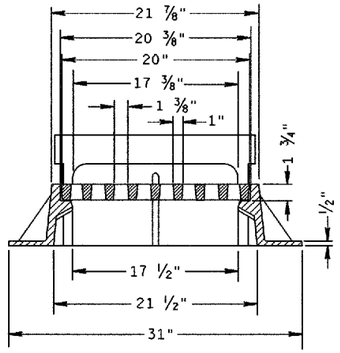
TYPE "M"

(APPROXIMATE WEIGHT 385 LBS.)

FRAME.....125*
LID.....260*







INLET COVER TYPE "Z"

(APPROXIMATE WEIGHT 340 LBS.)

FRAME.....198 LBS.
GRATE.....50 LBS.
CURB BOX.....92 LBS.

INLET COVER, TYPE Z
MANHOLE COVERS, TYPE K, J, J-S, L & M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

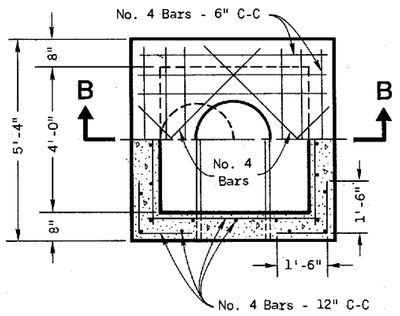
APPROVED
10/04/99
DATE

Roy L. Rhineer
CHIEF ROADWAY DEVELOPMENT ENGINEER

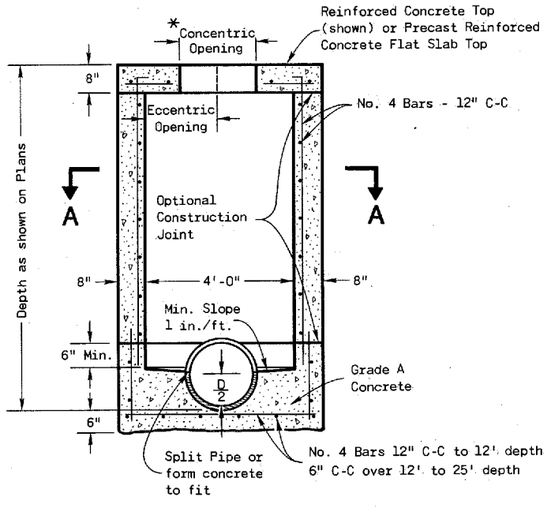
FHWA

S.D.D. 8 A 5-16d

S.D.D. 8 A 5-16d

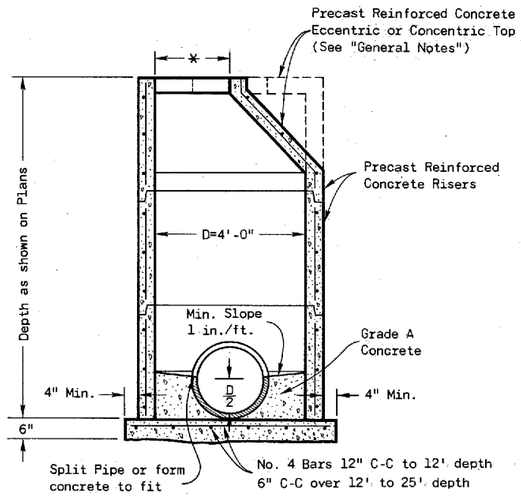


HALF SECTION **A-A**

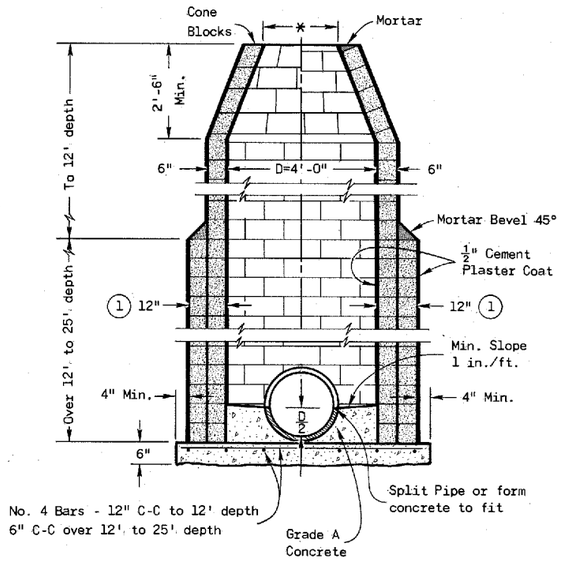


SECTION **B-B**

REINFORCED CONCRETE



PRECAST REINFORCED CONCRETE



CONCRETE BLOCK

GENERAL NOTES

Details of construction, materials and workmanship not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

Detailed drawings for proposed alternate designs for underground drainage structures shall be submitted to the Engineer for approval providing that such alternate designs make provision for equivalent capacity and strength.

All drainage structures are designated on the plans as "Manholes 1-C", "Catch Basins 1-B", "Inlets 3-H", etc. The first digit designates the masonry portion of the structure, and the following letter designates the type of cover to be used to comprise the complete unit.

Precast Reinforced Bases shall be placed on a bed of material at least 6 inches in depth, which meets the requirements for Granular Backfill. This bedding shall be compacted and provide uniform support for the entire area of the base.

Precast Reinforced Concrete Cone Tops (Eccentric or Concentric) may be used on concrete block structures. The Cone Tops shall be installed on a bed of mortar.

Eccentric Cone Tops may be used on all structures, and Concentric Cone Tops shall be used only on structures 5 feet or less in depth, unless otherwise directed by the Engineer.

Steps meeting the following requirements shall be installed in all structures over 5 feet in depth: 16 inch C-C maximum spacing; project a minimum clear distance of 4 inches from the wall at the point of embedment; minimum length of 10 inches; minimum wall embedment of 3 inches; and be capable of supporting a concentrated load of 300 lbs. Ferrous metal steps not painted or treated to resist corrosion shall have a minimum cross sectional dimension of 1 inch.

Solid Aluminum steps shall have a minimum cross sectional dimension of 0.75 inch. Aluminum surfaces to be embedded in concrete shall be given one coat of suitable quality paint, such as zinc chromate primer conforming to Federal Specification TT-P-645 or equivalent. Steps of approved Polyproplene plastic coated reinforcement bar will be acceptable.

All bar steel reinforcement shall be embedded 2 inches clear unless otherwise shown or noted.

Precast Reinforced Concrete Risers may be placed with tongue up or down.

All Precast Inlet Units shall conform to the pertinent requirements of AASHTO Designation M 199.

* Use 2'-0" diameter opening with Type "C", "L" and "J" covers, or 3'-0" diameter with Type "K" and "M" covers.

(1) 2 courses 6" block.

MANHOLES TYPE 1

State of Wisconsin
Department of Transportation

APPROVED
4-13-82
DATE

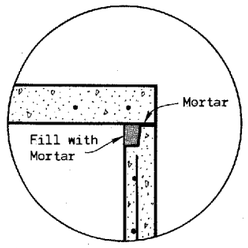
D. J. Ahrens
CHIEF DESIGN ENGINEER

FHWA

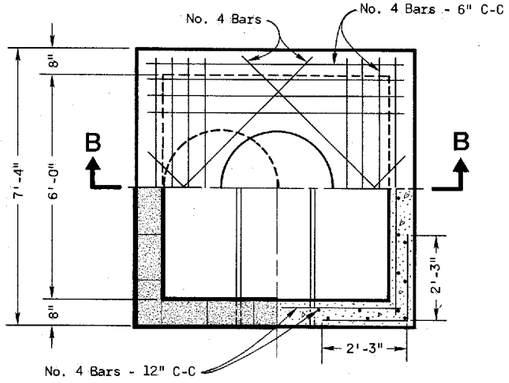
S.D.D. 8 B 6-3

MANHOLES TYPE 1

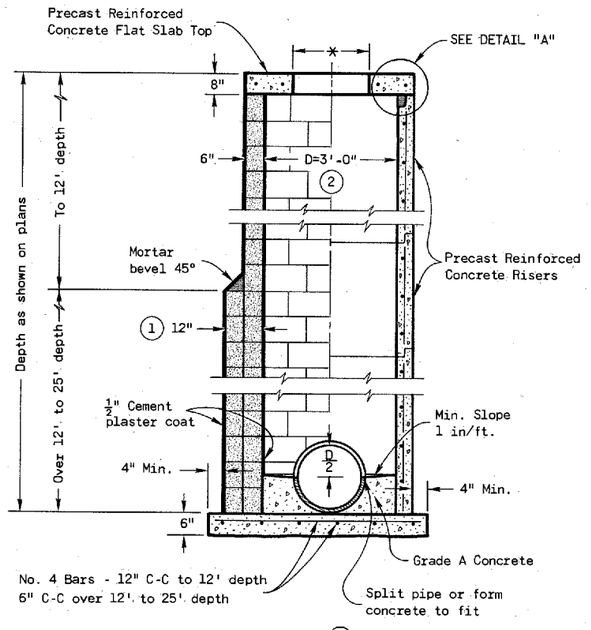
S.D.D. 8 B 6-3



DETAIL "A"

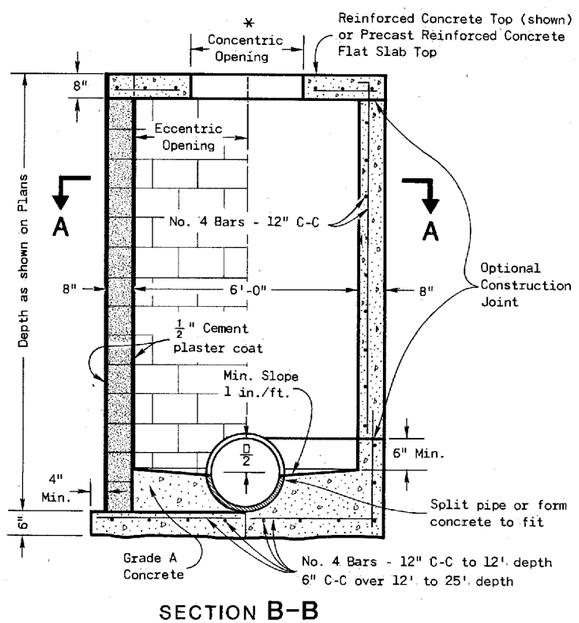


HALF SECTION A-A



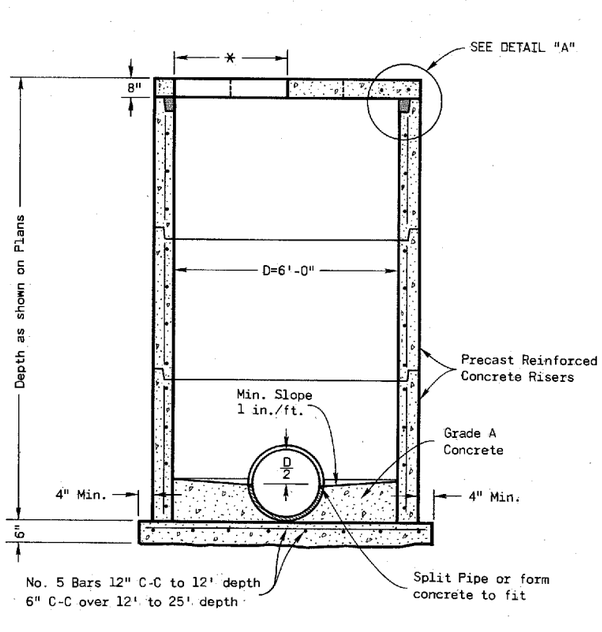
CONCRETE BLOCK (2) PRECAST REINFORCED CONCRETE

MANHOLES TYPE 2



SECTION B-B

CONCRETE BLOCK REINFORCED CONCRETE



PRECAST REINFORCED CONCRETE

MANHOLES TYPE 3

GENERAL NOTES

Details of construction, materials and workmanship not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications and the applicable Special Provisions.

Detailed drawings for proposed alternate designs for underground drainage structures shall be submitted to the Engineer for approval providing that such alternate designs make provision for equivalent capacity and strength.

All drainage structures are designated on the plans as "Manholes 1-C", "Catch Basins 1-B", "Inlets 3-H", etc. The first digit designates the masonry portion of the structure , and the following letter designates the type of cover to be used to comprise the complete unit.

Precast Reinforced Bases shall be placed on a bed of material at least 6" in depth, which meets the requirements for Granular Backfill. This bedding shall be compacted and provide uniform support for the entire area of the base.

Steps meeting the following requirements shall be installed in all structures over 5 feet in depth: 16 inch C-C maximum spacing; project a minimum clear distance of 4 inches from the wall at the point of embedment; minimum length of 10 inches; minimum wall embedment of 3 inches; and capable of supporting a concentrated load of 300 lbs. Ferrous metal steps not painted or treated to resist corrosion shall have a minimum cross sectional dimension of 1 inch.

Solid Aluminum steps shall have a minimum cross sectional dimension of 0.75 inch. Aluminum surfaces to be embedded in concrete shall be given one coat of suitable quality paint, such as zinc chromate primer conforming to federal specification TT-P-645 or equivalent. Steps of approved Polypropylene plastic coated reinforcement bar are acceptable.

All bar steel reinforcement shall be embedded 2 inches clear unless otherwise shown or noted.

Precast Reinforced Concrete Risers shall be placed with tongue down.

All precast inlet units shall conform to the pertinent requirements of AASHTO Designation M 199.

* Use 2'-0" diameter opening with type "C", "L", and "J" covers, or 3'-0" diameter with type "K" and "M" covers.

(1) 2 courses 6" block.

(2) When connecting pipes are 24" or larger the Precast Manholes may be increased to 42" diameter.

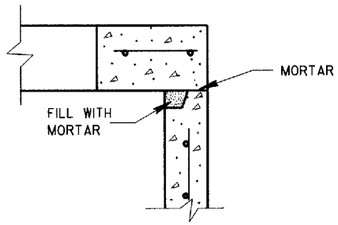
MANHOLES TYPE 2 & 3

State of Wisconsin
Department of Transportation

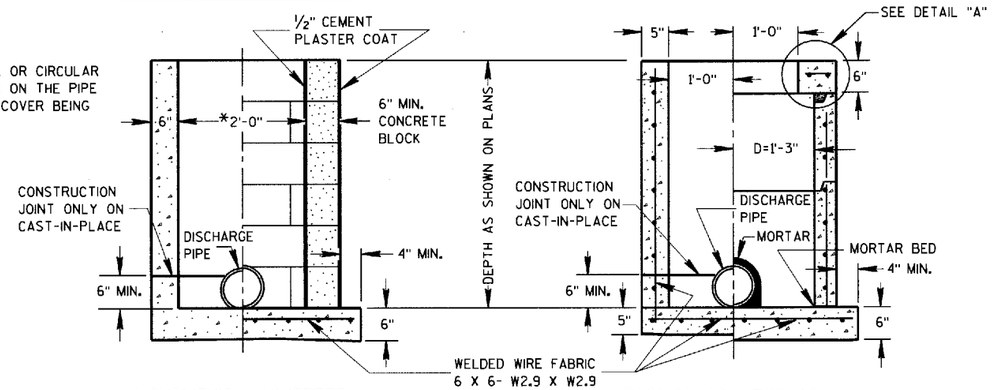
APPROVED 4-13-82 DATE
CHIEF DESIGN ENGINEER
FHWA

S.D.D. 8 B 7-3

S.D.D. 8 B 7-3



DETAIL "A"



INLETS TYPE 1

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 1-C", "CATCH BASINS 1-B", "INLETS 3-H", ETC. THE FIRST DIGIT DESIGNATES THE MASONRY PORTION OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

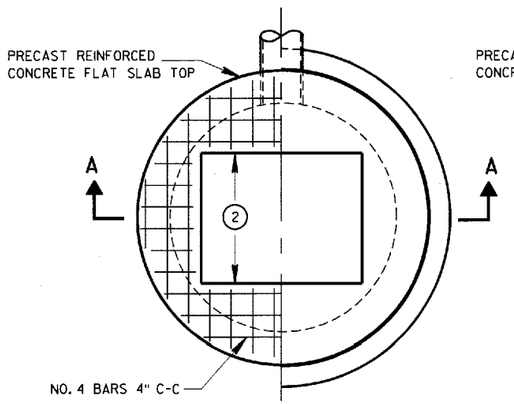
PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON THE STRUCTURES. THE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

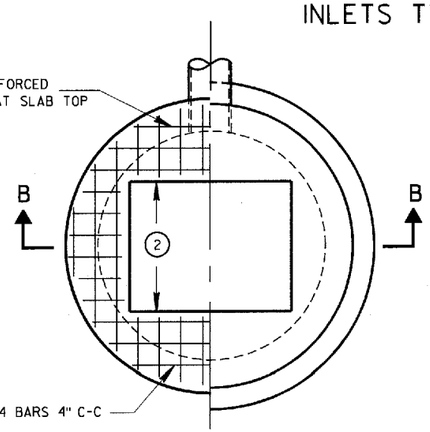
PRECAST REINFORCED CONCRETE RISERS SHALL BE PLACED WITH TONGUE DOWN.

(1) USE 2'-6" OPENING FOR TYPE 2 INLETS, 3'-0" OPENING FOR TYPE 3 INLETS, AND 2'-11" FOR TYPE 4 INLETS.

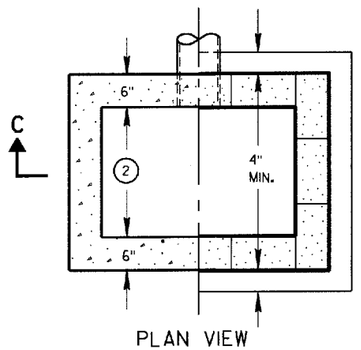
(2) USE 2'-0" OPENING FOR TYPE 1, 2 & 3 INLETS. 2'-6½" OPENING FOR TYPE 4 INLETS.



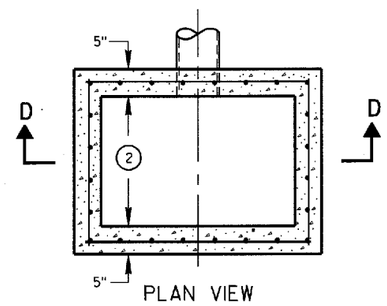
PLAN VIEW



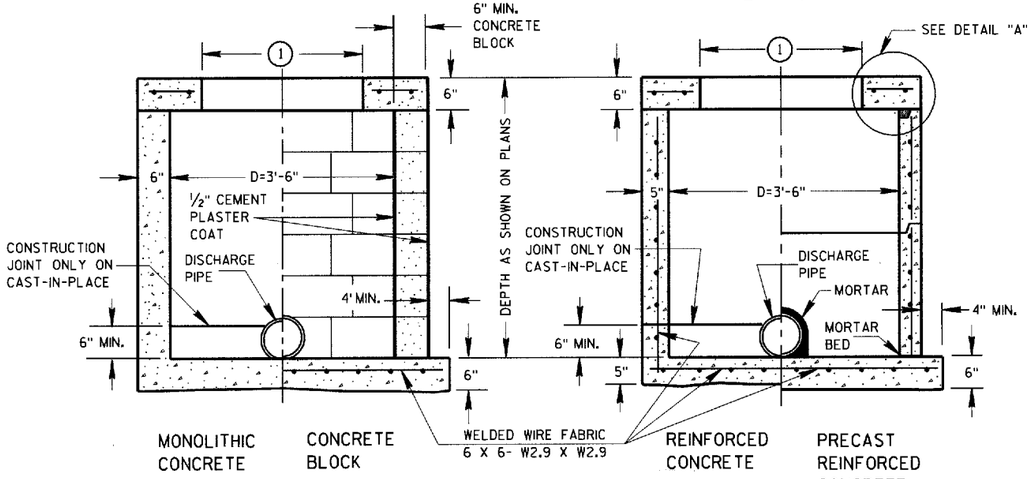
PLAN VIEW



PLAN VIEW

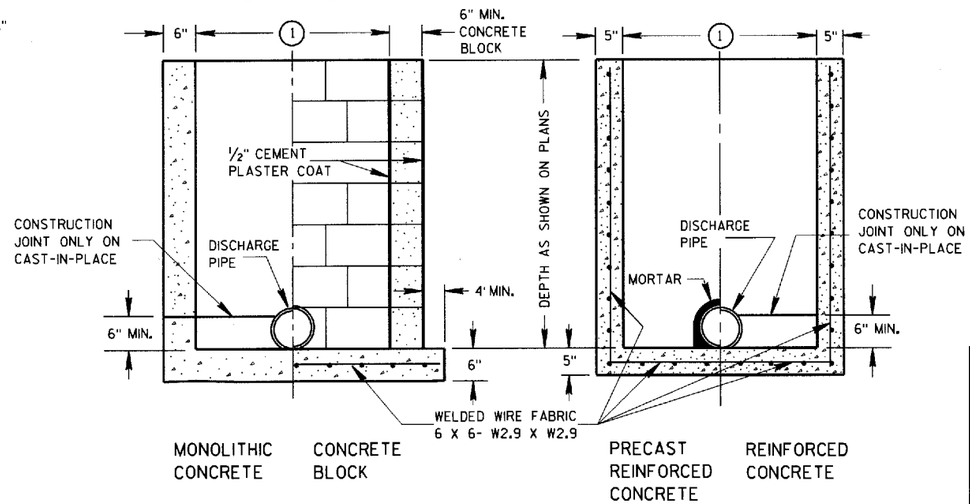


PLAN VIEW



SECTION A-A

SECTION B-B



SECTION C-C

SECTION D-D

INLETS TYPE 2, 3 & 4

INLETS TYPE 1, 2, 3 & 4

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

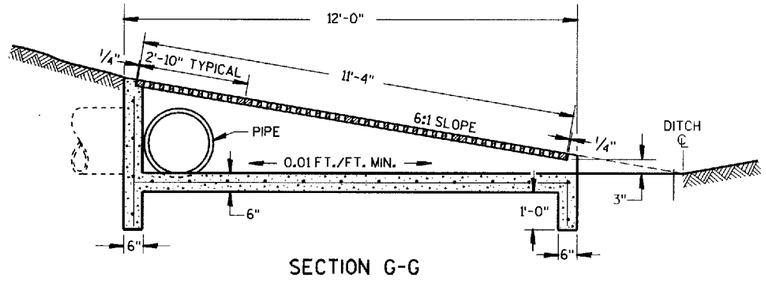
APPROVED
8/26/94
DATE

Roy L. Thiessen
CHIEF ROADWAY DEVELOPMENT ENGINEER

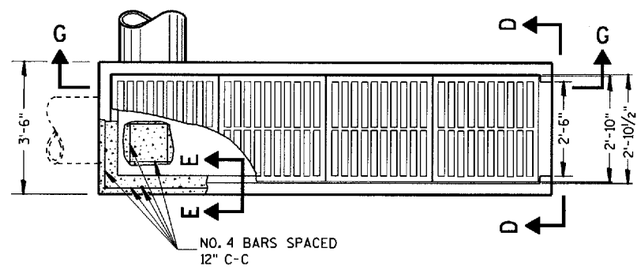
FHWA

S.D.D. 8 C 1-5

S.D.D. 8 C 1-5

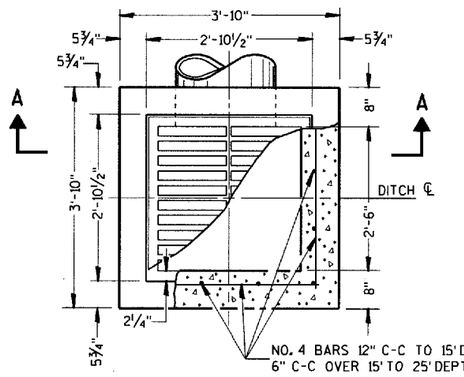


SECTION G-G

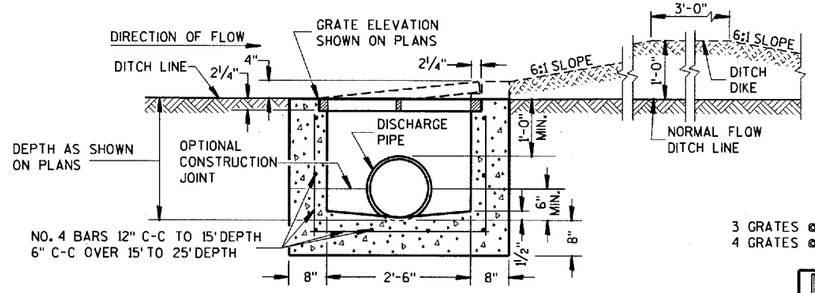


PLAN VIEW

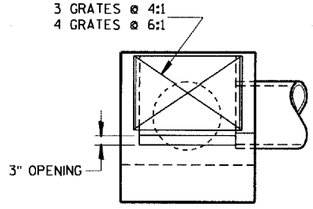
REINFORCED CONCRETE INLET TYPE 11



PLAN VIEW

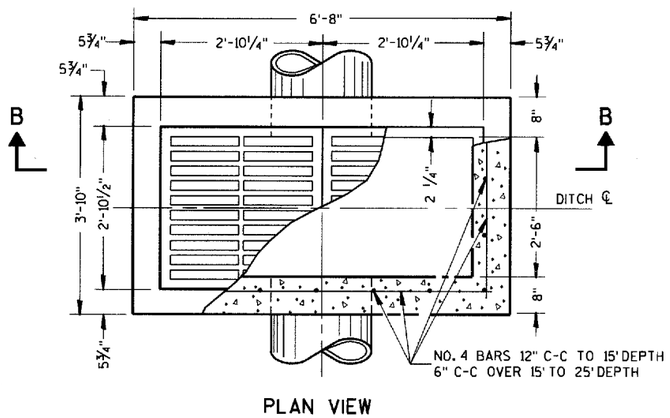


SECTION A-A

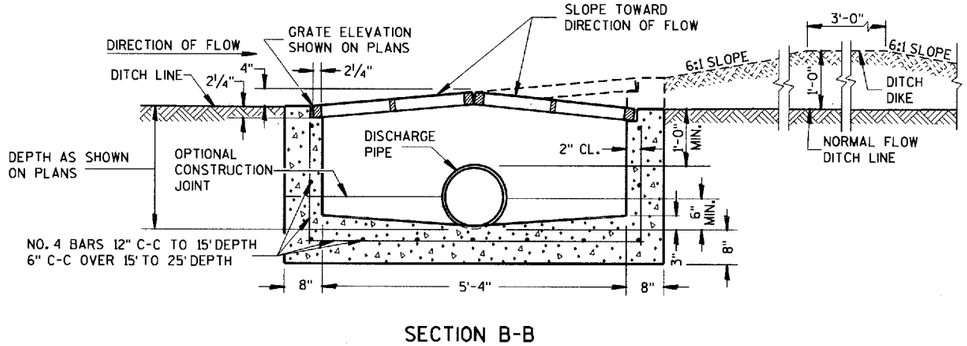


SECTION D-D

REINFORCED CONCRETE INLET TYPE 8



PLAN VIEW



SECTION B-B

REINFORCED CONCRETE INLET TYPE 9

GENERAL NOTES

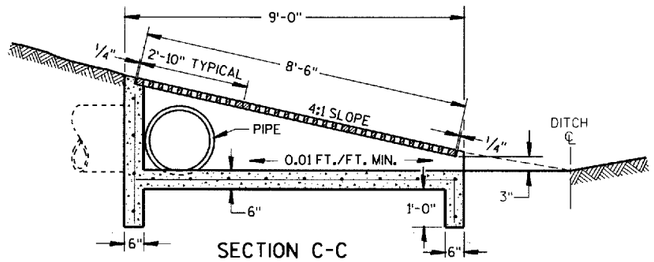
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

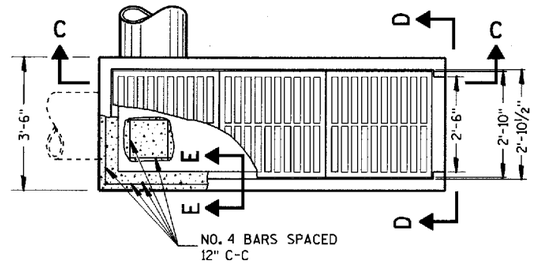
PRECAST REINFORCED CONCRETE INLET UNITS, IF USED, SHALL CONFORM TO THE REQUIREMENTS OF THE CATCH BASINS, MANHOLES AND INLETS SECTION OF THE STANDARD SPECIFICATIONS. UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A CORRECTED LIST OF SIZES IS FURNISHED BY THE ENGINEER.

ALL INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 8-MS", ETC. THIS DESIGNATION IS INTERPRETED TO MEAN THAT THE NUMBER, OR FIRST DIGIT DESIGNATES THE MASONRY PORTION OF THE STRUCTURE AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER OR IRON CASTING TO BE USED THEREWITH TO COMPRISE THE COMPLETE UNIT.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

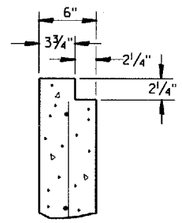


SECTION C-C



PLAN VIEW

REINFORCED CONCRETE INLET TYPE 10



SECTION E-E

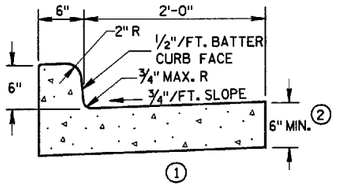
INLETS TYPE 8, 9, 10 AND 11

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/10/94
DATE
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

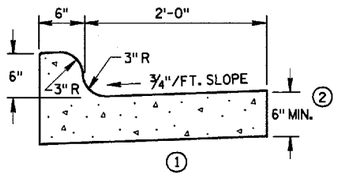
S.D.D. 8 C 5-2

S.D.D. 8 C 5-2



1

TYPES A & D



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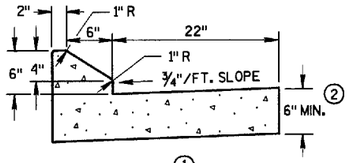
TYPES K & L



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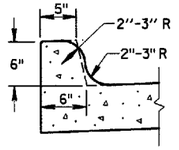
TYPES G & J

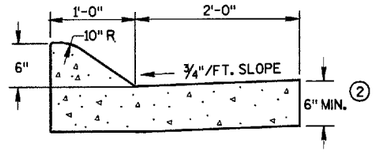


OPTIONAL CURB SHAPE

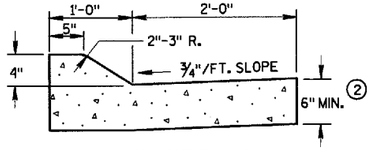
1

FOR TYPES K & L

CONCRETE CURB & GUTTER 30"



(6" MOUNTABLE CURB)



(4" MOUNTABLE CURB)

1

TYPES A & D

CONCRETE CURB & GUTTER 36"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

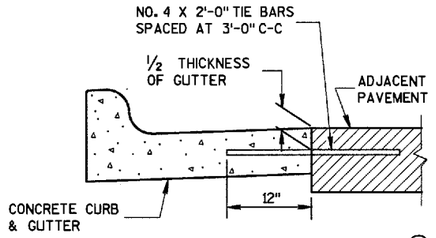
WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G AND K.

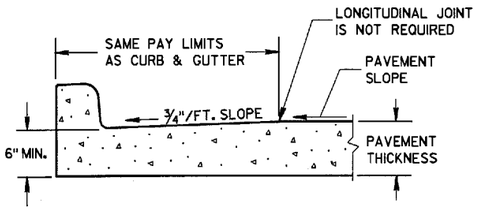
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

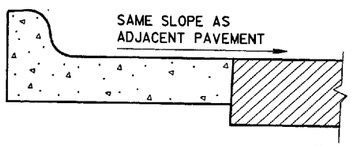


1

TYPICAL TIE BAR LOCATION



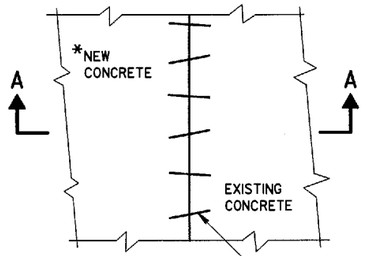
PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER



3

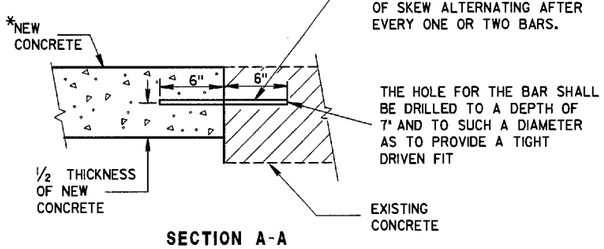
REVERSE SLOPE GUTTER

(TYPICAL FOR ALL CURB & GUTTER TYPES)



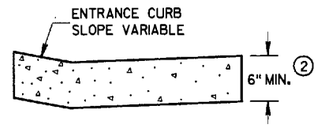
*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

PLAN VIEW



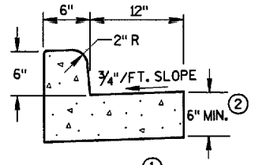
SECTION A-A

PAVEMENT TIES



DRIVEWAY ENTRANCE CURB

(WHEN DIRECTED BY THE ENGINEER)



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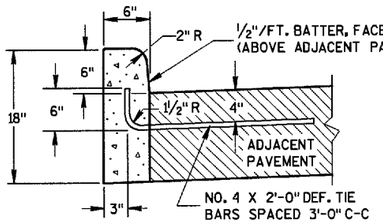
TYPES A & D

CONCRETE CURB & GUTTER 18"



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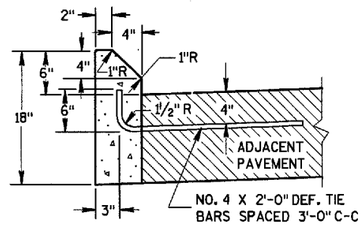
TYPES A & D



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TYPES G & J

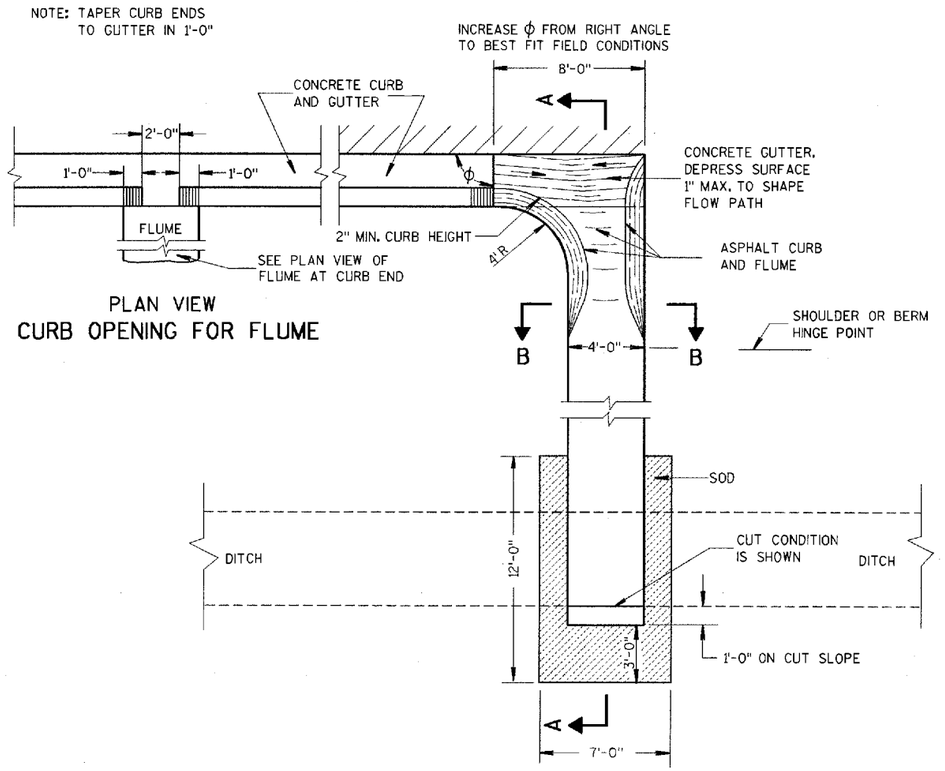
CONCRETE CURB

CONCRETE CURB, CONCRETE CURB & GUTTER AND PAVEMENT TIES
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED 04/10/99 DATE — Roy L. Thomsen, CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

S.D.D. 8 D 1-13

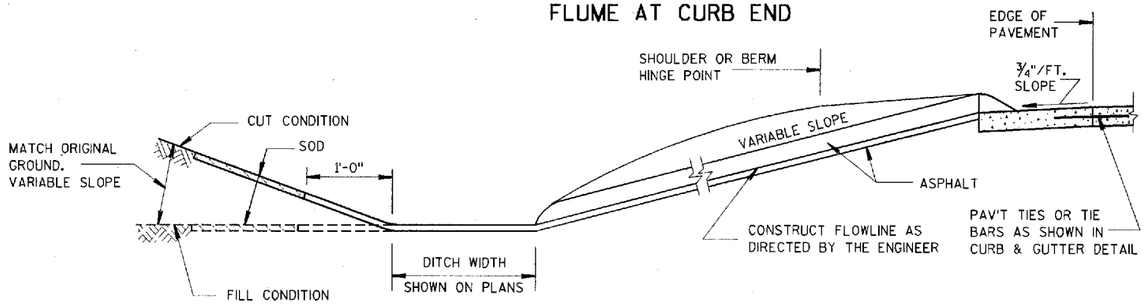
S.D.D. 8 D 1-13

ASPHALTIC FLUME

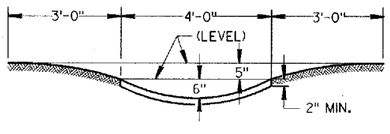


PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



SECTION A-A



SECTION B-B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

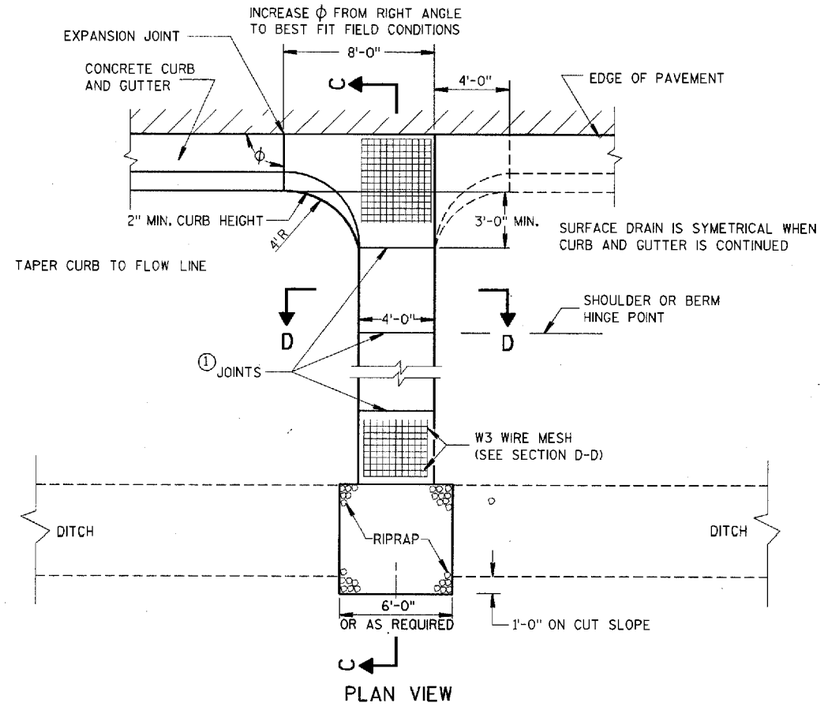
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

① JOINTS SHALL BE ⅛ TO ¼ INCH WIDE BY 1½ INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.

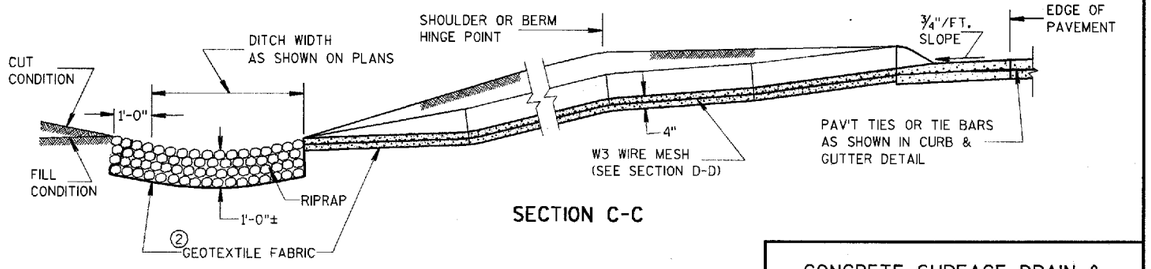
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

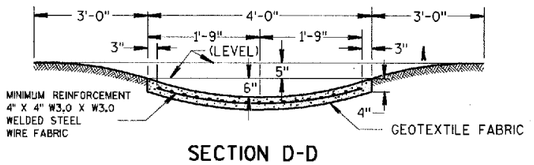
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAIN & ASPHALTIC FLUME

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

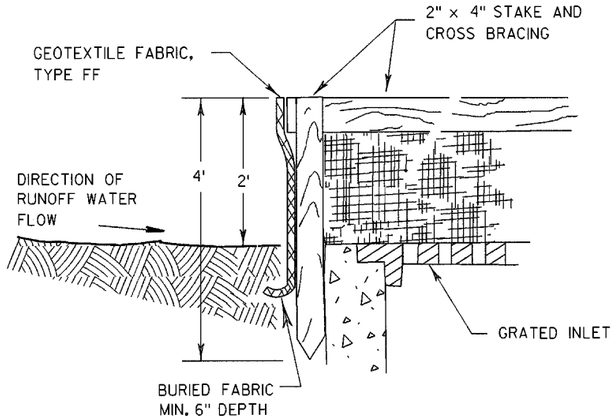
APPROVED
10/23/09
DATE

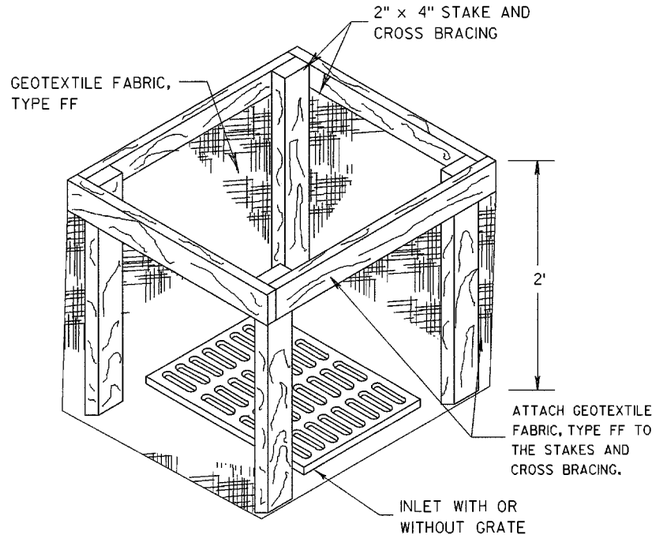
STATE DESIGN ENGINEER FOR HWYS

FHWA

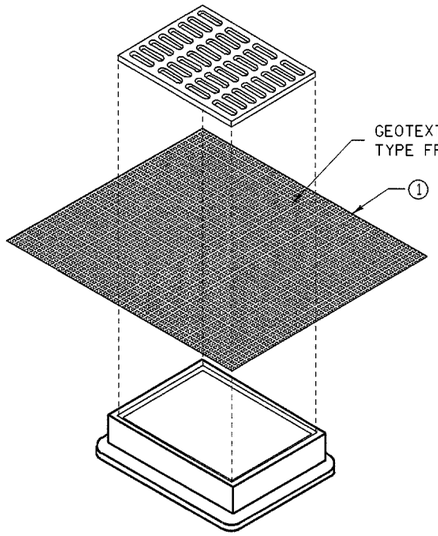
S.D.D. 8 D 4-3

S.D.D. 8 D 4-3



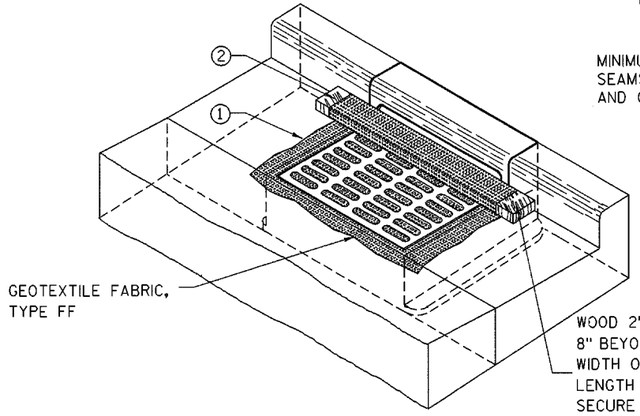


INLET PROTECTION, TYPE A

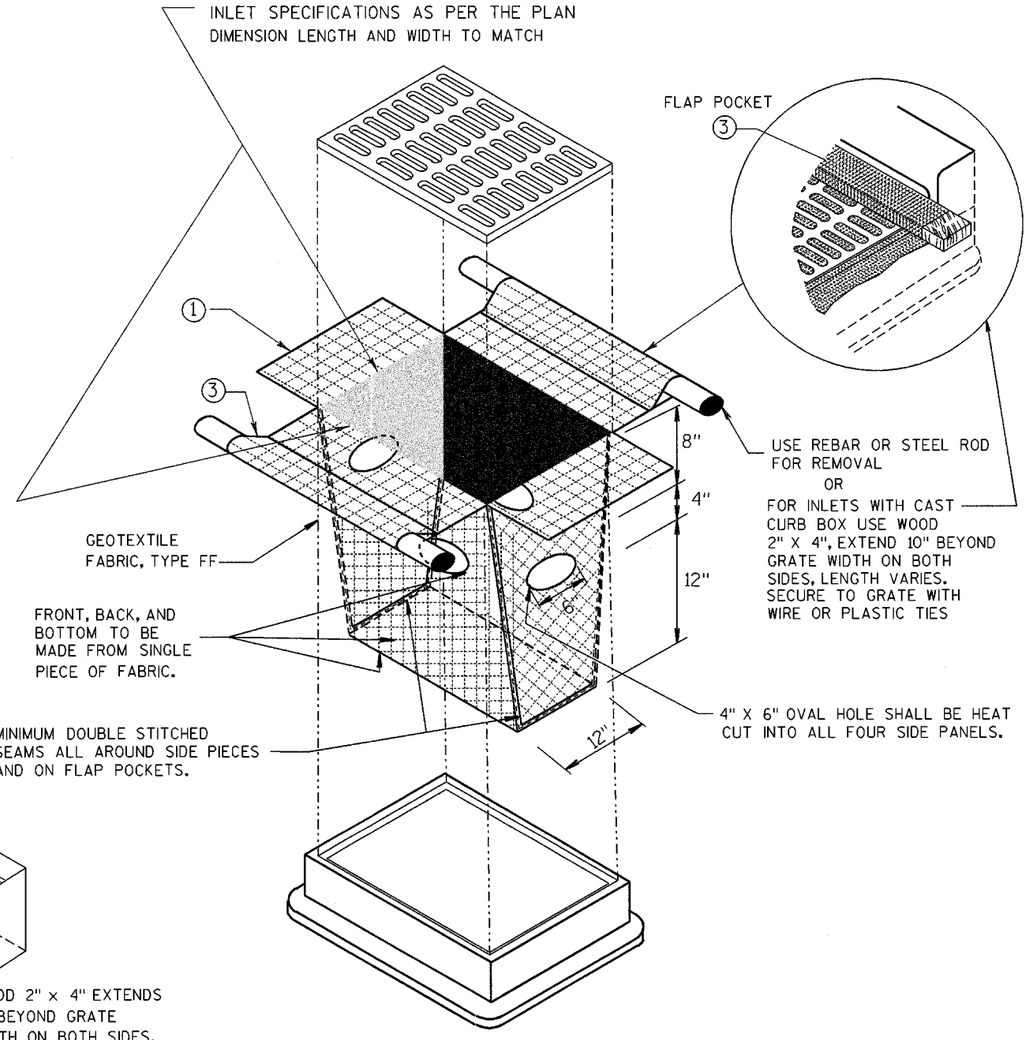


INLET PROTECTION, TYPE B (WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

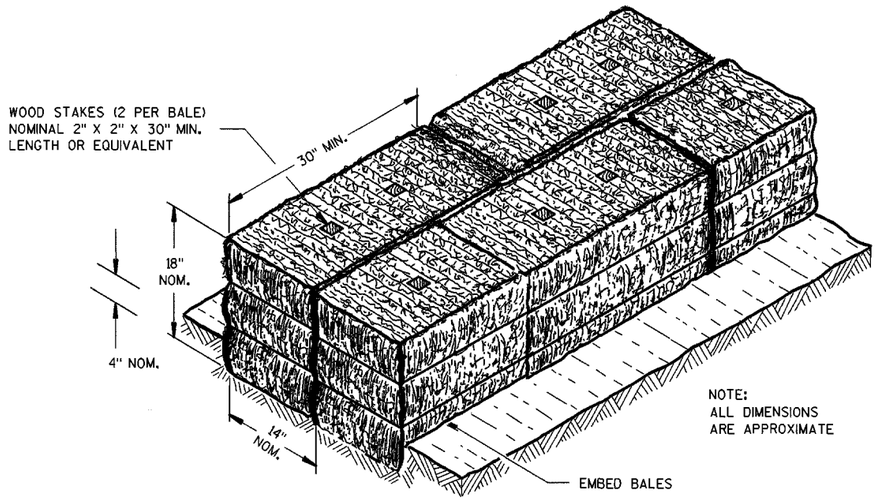
INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

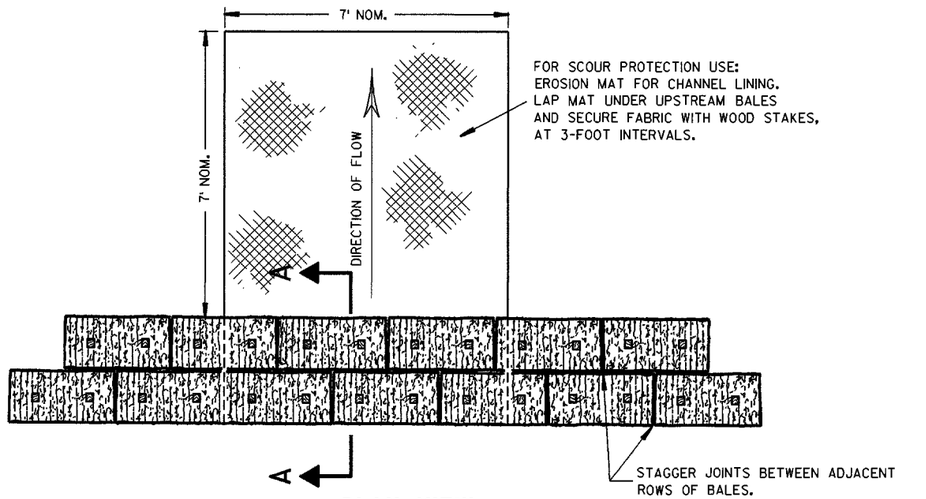
APPROVED
10/16/02
DATE

CHIEF ROADWAY DEVELOPMENT ENGINEER

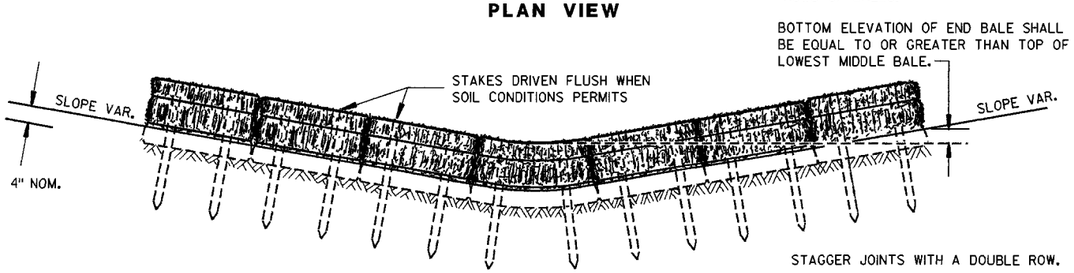
FHWA



SECTION A-A



PLAN VIEW



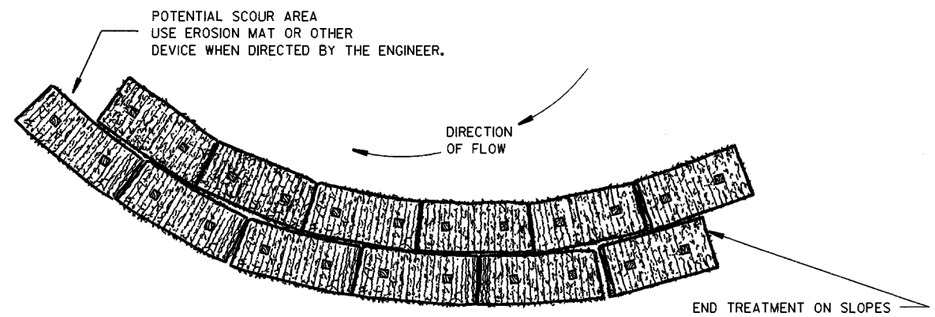
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

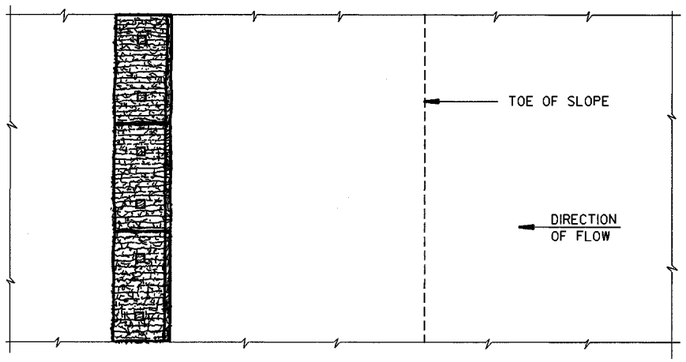
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

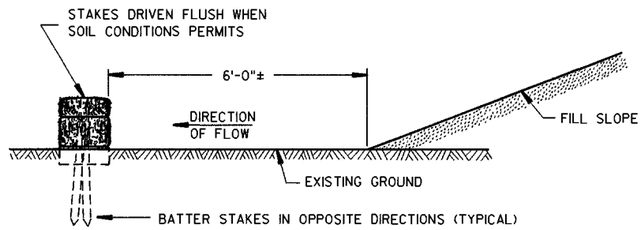


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

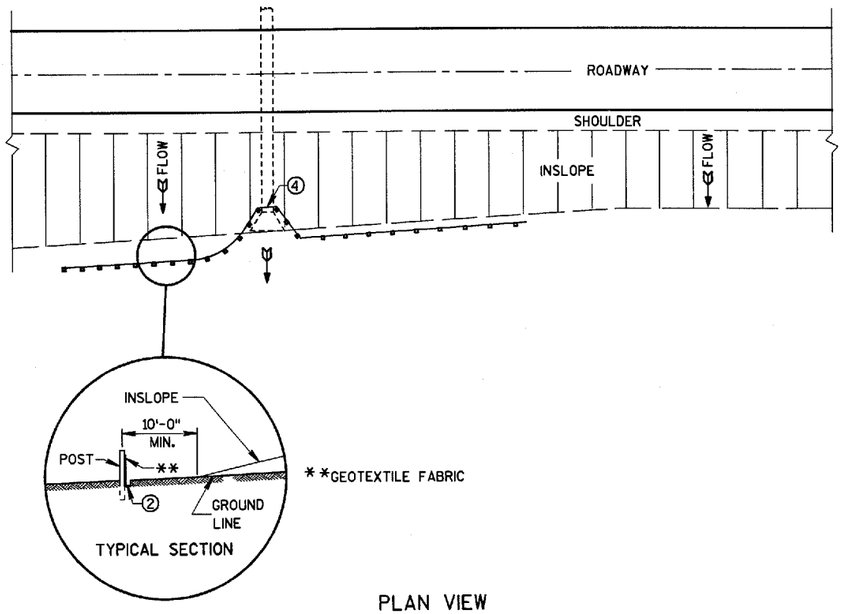
APPROVED 6/4/02 DATE

CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

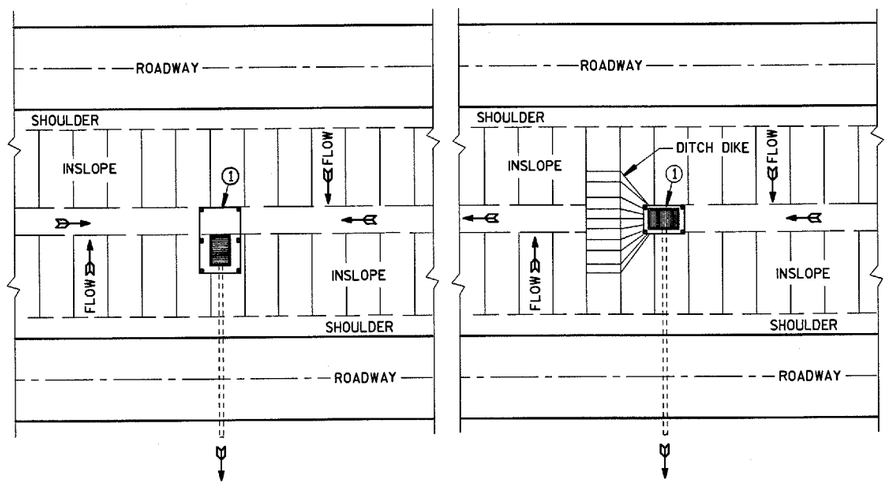
S.D.D. 8 E 8-3

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



SITUATION 1 SITUATION 2

PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

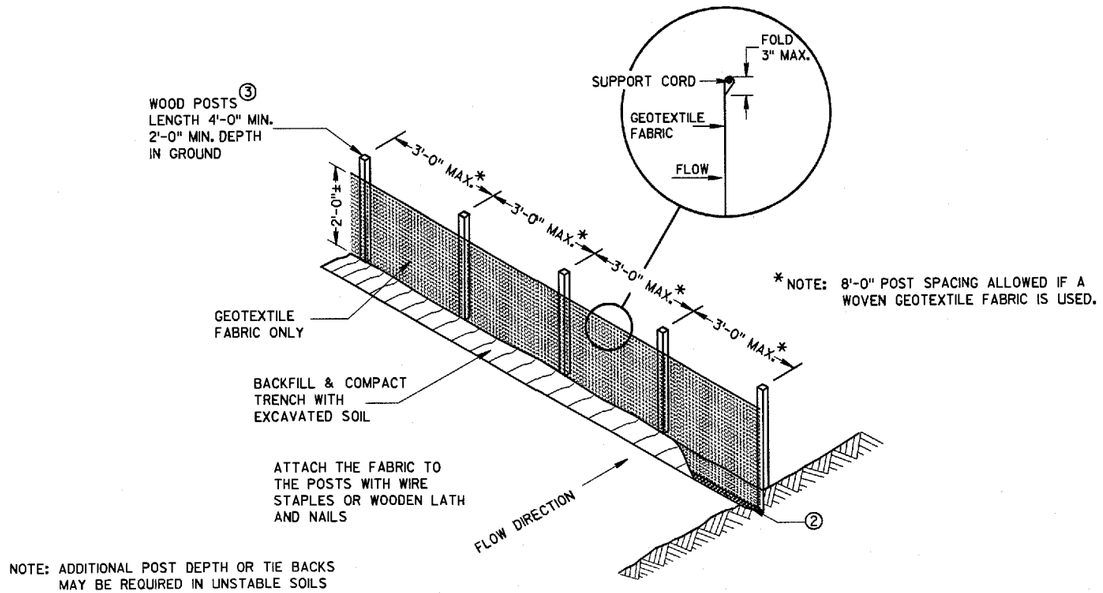
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

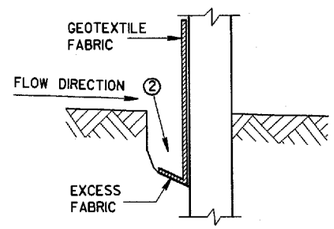
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

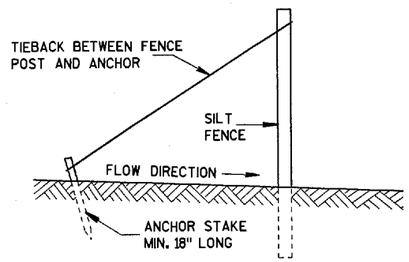


NOTE: ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS

SILT FENCE



TRENCH DETAIL



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 03/06/00 DATE
Tony L. Hanson
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

S.D.D. 8 E 9-5

S.D.D. 8 E 9-5

METAL APRON ENDWALLS

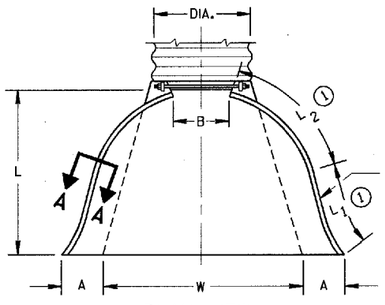
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

REINFORCED CONCRETE APRON ENDWALLS

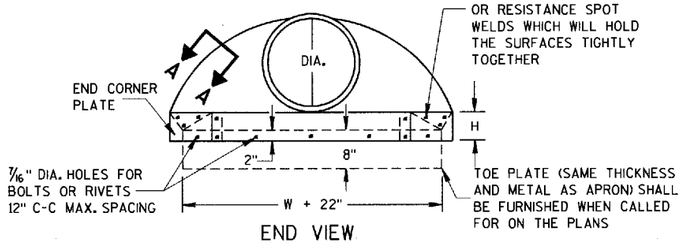
PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 1/8	72 7/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

* MINIMUM
** MAXIMUM



PLAN VIEW

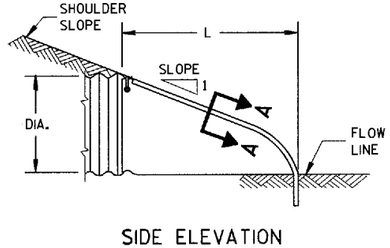
REINFORCED EDGE (SEE SECTION A-A)



END VIEW

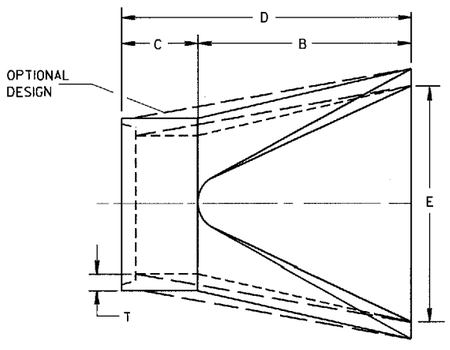
END CORNER PLATES MAY BE FASTENED TO APRON PROPER BY BOLTS, RIVETS, OR RESISTANCE SPOT WELDS WHICH WILL HOLD THE SURFACES TIGHTLY TOGETHER

TOE PLATE (SAME THICKNESS AND METAL AS APRON) SHALL BE FURNISHED WHEN CALLED FOR ON THE PLANS

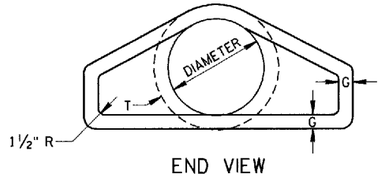


SIDE ELEVATION

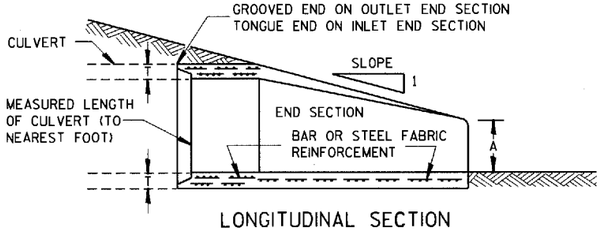
METAL ENDWALLS



PLAN

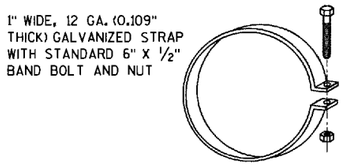


END VIEW



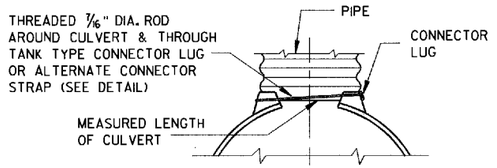
LONGITUDINAL SECTION

CONCRETE ENDWALLS

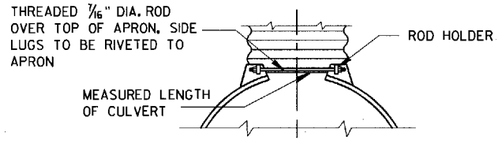


ALTERNATE FOR TYPE 1 CONNECTION

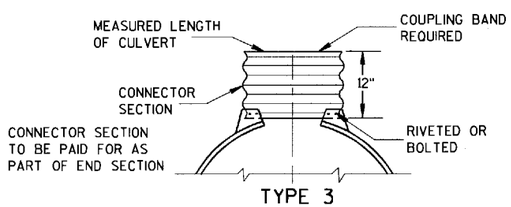
END SECTION CONNECTOR STRAP



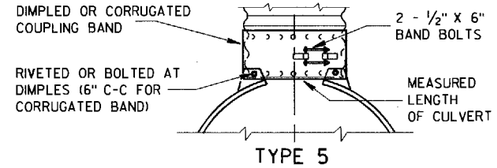
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

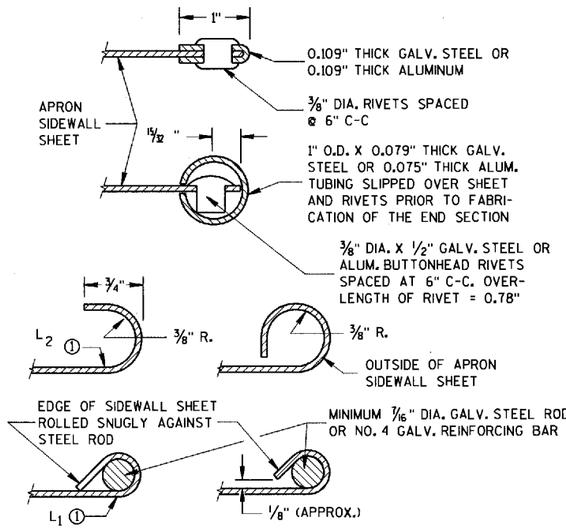
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

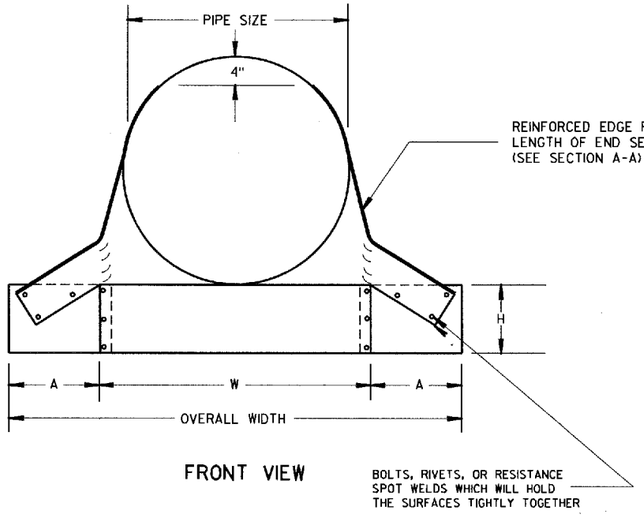
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 11/30/94 DATE
Roger L. Hinesman
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

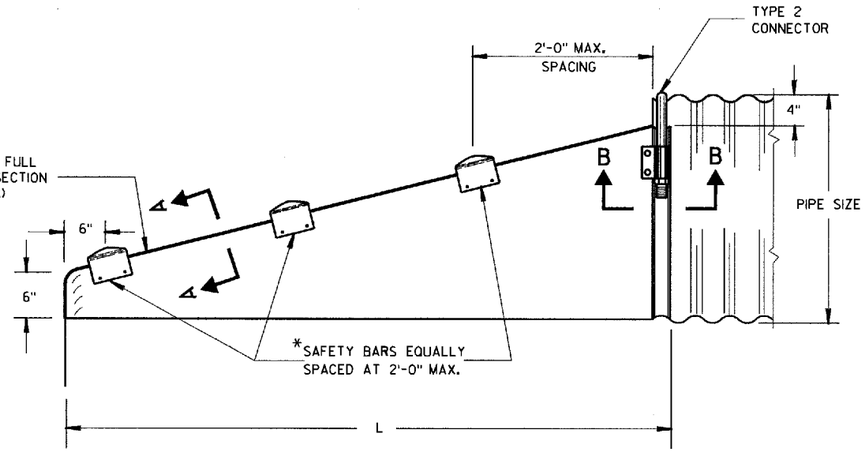
S.D.D. 8 F 1-11

S.D.D. 8 F 1-11



FRONT VIEW

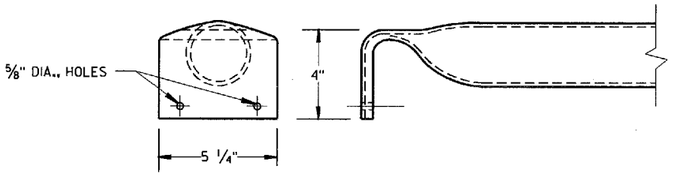
BOLTS, RIVETS, OR RESISTANCE SPOT WELDS WHICH WILL HOLD THE SURFACES TIGHTLY TOGETHER



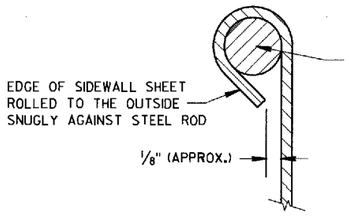
SIDE VIEW

*NOTE:
THREE SAFETY BARS ARE SHOWN. ACTUAL NUMBER OF BARS REQUIRED AT A 2'-0" C-C MAX. SPACING WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

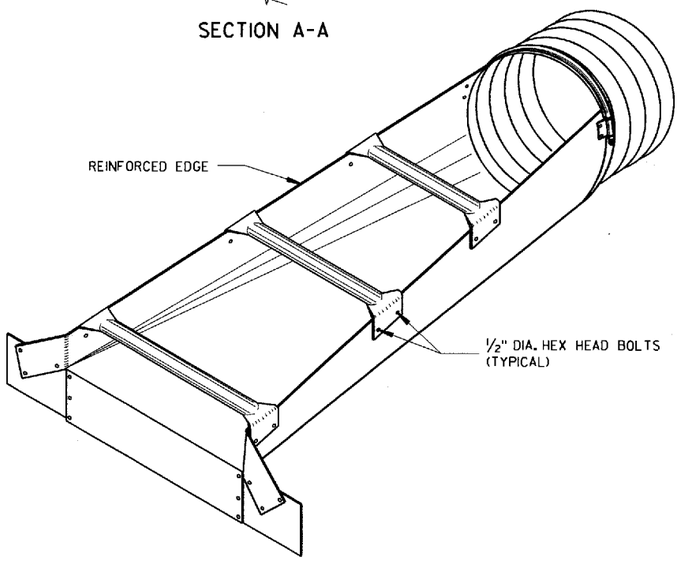
3" GALVANIZED PIPE. FLATTEN ENDS, THEN BEND OUTSIDE 4" TO MATCH END SECTION SIDES.



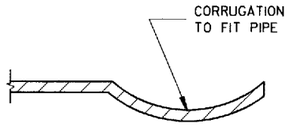
DETAIL OF SAFETY BAR



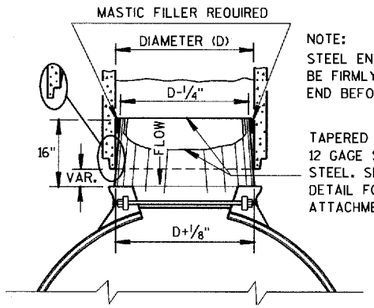
SECTION A-A



ISOMETRIC VIEW



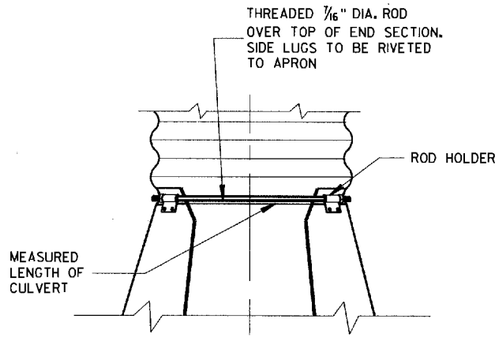
SECTION B-B



NOTE:
STEEL END SECTION SHALL BE FIRMLY WEDGED INTO PIPE END BEFORE BACKFILLING

TAPERED SLEEVE TO BE 12 GAGE SMOOTH GALVANIZED STEEL. SEE SECTION B-B DETAIL FOR END SECTION ATTACHMENT.

STEEL ADAPTER SLEEVE FOR CONCRETE PIPE



TYPE 2 CONNECTION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SLOPED END SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 521 FOR STEEL APRON ENDWALLS.

SAFETY BARS SHALL BE FABRICATED FROM GALVANIZED STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL.

STEEL APRON ENDWALLS FOR CULVERT PIPE

PIPE DIA. (IN.)	MIN. THICK. (Inches)	DIMENSIONS (Inches)				L DIMENSIONS	
		A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES
15	.064	8	6	21	37	6:1	30
18	.064	8	6	24	40	6:1	48
21	.064	8	6	27	43	6:1	66
24	.064	8	6	30	46	6:1	84
30	.109	12	9	36	60	6:1	120
36	.109	12	9	42	66	6:1	156
42	.109	16	12	48	80	5.63 TO 1	180
48	.109	16	12	54	86	4.74 TO 1	180
54	.109	16	12	60	92	——	——

STEEL APRON ENDWALLS FOR PIPE ARCH

EQUIV. DIA. (Inches)	(Inches)		MIN. THICK. (Inches)	DIMENSIONS (Inches)				L DIMENSIONS	
	SPAN	RISE		A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES
15	17	13	.064	8	6	23	39	6:1	18
18	21	15	.064	8	6	27	43	6:1	30
21	24	18	.064	8	6	30	46	6:1	48
24	28	20	.064	8	6	34	50	6:1	60
30	35	24	.079	12	9	41	65	6:1	84
36	42	29	.109	12	9	48	72	6:1	114
42	49	33	.109	16	12	55	87	6:1	138
48	57	38	.109	16	12	63	95	6:1	168
54	64	43	.109	16	12	70	102	5.45 TO 1	180

STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SIDE DRAINS SLOPED SECTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

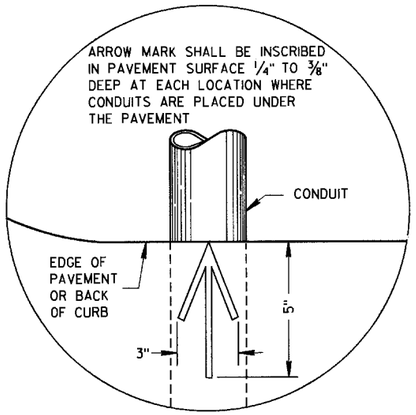
APPROVED 4/17/95 DATE

Roy L. Thimsen
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

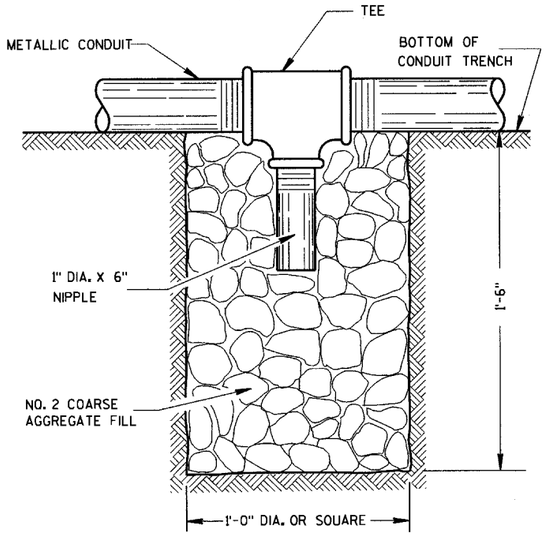
S.D.D. 8 F 7-3

S.D.D. 8 F 7-3



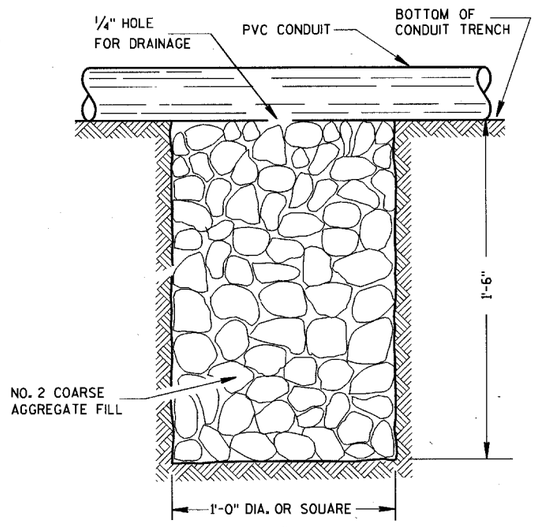
PLAN VIEW

ARROW MARK



NOTE: INSTALL AT LOCATIONS WHERE METALLIC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR METALLIC CONDUIT



NOTE: INSTALL AT LOCATIONS WHERE PVC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR PVC CONDUIT

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

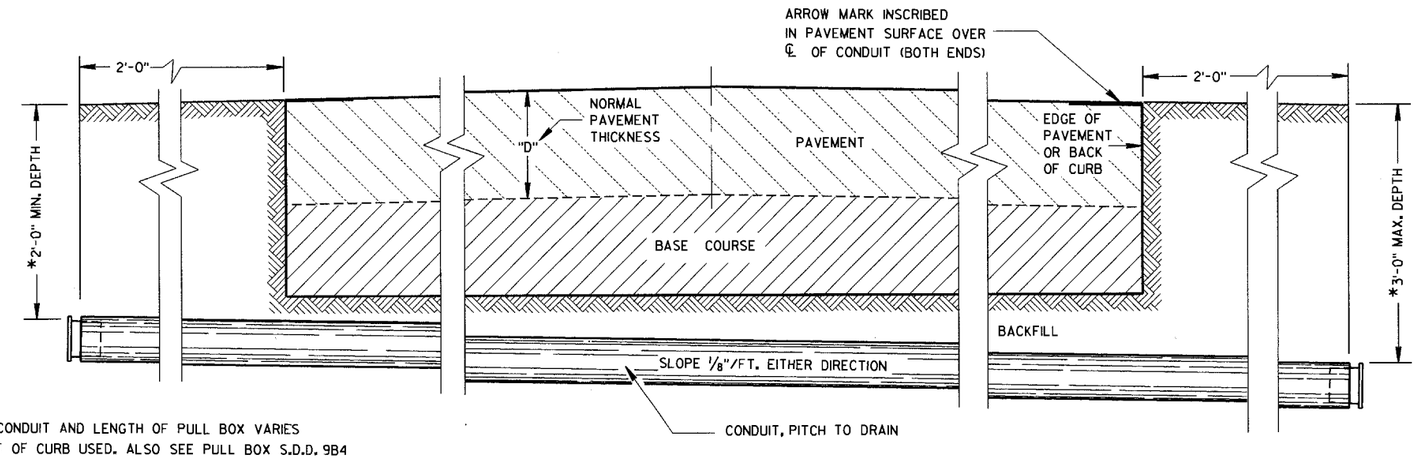
PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

POLY ROPE OR A PULL WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS UNLESS OTHERWISE APPROVED BY THE PROJECT ENGINEER.



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 1/21/96 DATE
FHWA

STATE ELECTRICAL ENGINEER FOR HIGHWAYS

S.D.D. 9 B 2-6

S.D.D. 9 B 2-6

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		TYPE OF PIPE									
		CORRUGATED STEEL									POLYETHYLENE SDR 32.5
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24	12
PIPE LENGTH **	B	24	30	36	24	30	36	36	42	48	24
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.4
COVER	D	10 1/4	10 1/4	10 1/4	16 1/4	16 1/4	16 1/4	22 1/4	22 1/4	22 1/4	10 1/4
FRAME	E	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2	26 1/2	26 1/2	26 1/2	14 1/2
FRAME	F	8 1/2	8 1/2	8 1/2	14 1/2	14 1/2	14 1/2	20 1/2	20 1/2	20 1/2	8 1/2
FRAME	G	11 1/2	11 1/2	11 1/2	17 1/2	17 1/2	17 1/2	23 1/2	23 1/2	23 1/2	11 1/2
WEIGHT IN POUNDS *											
FRAME AND COVER		60	60	60	110	110	110	155	155	155	60

* THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

** NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN 1/4".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE. THE MECHANICAL CONNECTION (INSIDE AND OUTSIDE) TO THE PULL BOX, SHALL BE TOTALLY AND PERMANENTLY SEALED WITH A SILICONE OR RUBBERIZED CAULKING COMPOUND AS APPROVED BY THE ENGINEER.

GROUNDING LUGS ARE NOT REQUIRED IN PULL BOXES WHEN VOLTAGES OF LESS THAN 50 VOLTS AC ARE THE ONLY VOLTAGES ENCOUNTERED IN THE BOXES.

DRAIN DUCT SHALL BE MEASURED AND PAID FOR SEPARATELY.

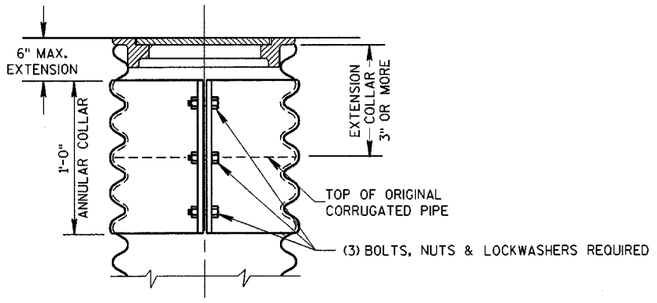
RODENT WIRE SCREEN SHALL BE 1/8" STAINLESS STEEL MESH AND BE INSTALLED WITH A STAINLESS STEEL HOSE CLAMP OF SUFFICIENT SIZE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

S.D.D. 9B2, "CONDUIT", APPLIES TO THIS DRAWING.

WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.

IF PULL BOX EQUIPMENT GROUNDING IS REQUIRED USING AN EQUIPMENT GROUNDING ELECTRODE IN EACH PULL BOX, THE EQUIPMENT GROUNDING ELECTRODE SHALL BE 5/8" X 8'-0", COPPERCLAD AND BE EXOTHERMICALLY WELDED TO A #4 AWG, COPPER, STRANDED WIRE (BARE OR GREEN INSULATED). THE #4 AWG WIRE SHALL BE 4 FEET IN LENGTH, NEATLY COILED, TAPED AND AVAILABLE FOR USE WHEN REQUIRED.



CORRUGATED PIPE EXTENDER

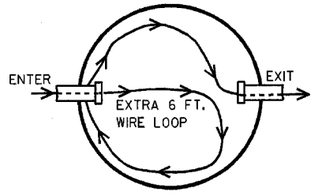
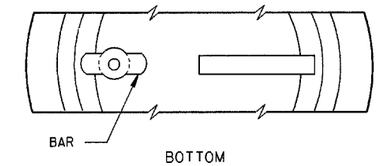
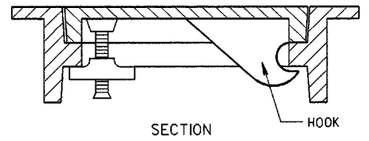


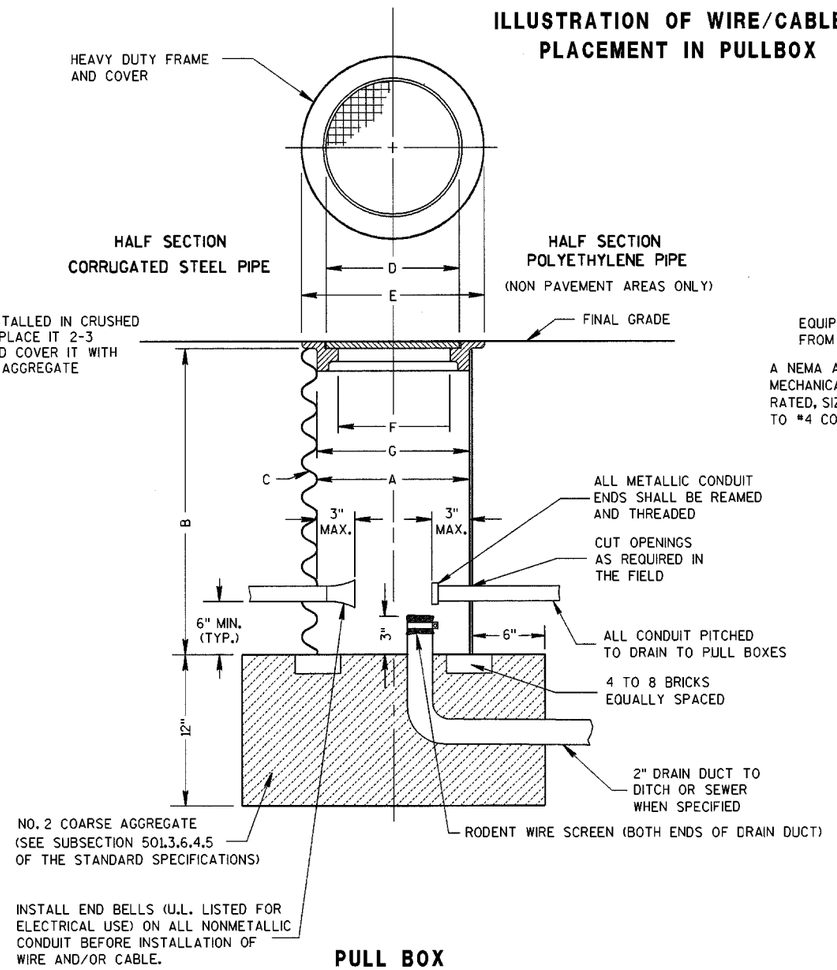
ILLUSTRATION OF WIRE/CABLE PLACEMENT IN PULLBOX



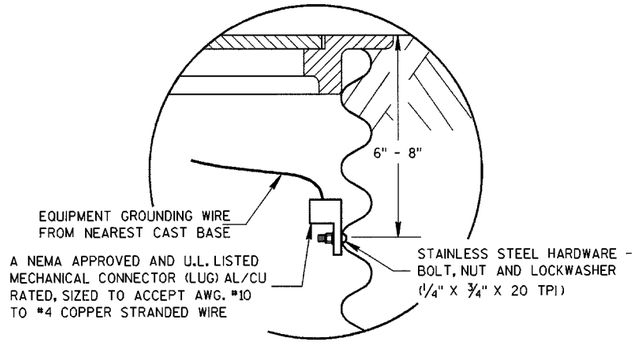


ALTERNATE COVER (LOCKING)

TIGHTENING BAR TYPE



PULL BOX



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES

PULL BOX

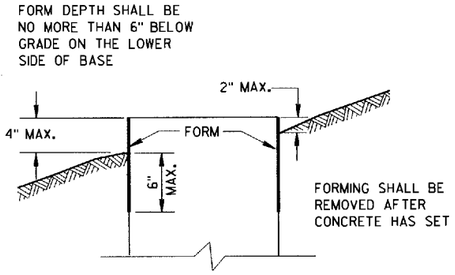
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/11/02
DATE
FHWA

STATE ELECTRICAL ENGINEER FOR HIGHWAYS

S.D.D. 9 B 4-5

S.D.D. 9 B 4-5



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

GENERAL NOTES (CONTINUED)

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2 AND TYPE 5 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE OF THE TYPE 2 AND TYPE 5 BASES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 AND 641.2.2 OF THE STANDARD SPECIFICATIONS, ASTM A-449, OR ASTM A-687 (GRADE 105).

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(3) (4) 1" DIA. X 5'-0" ANCHOR RODS.

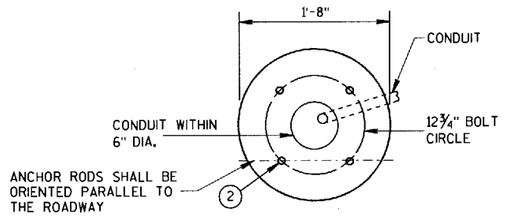
(4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

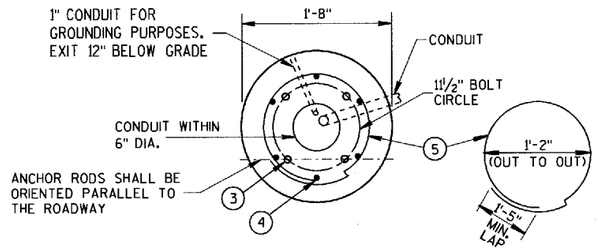
(5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

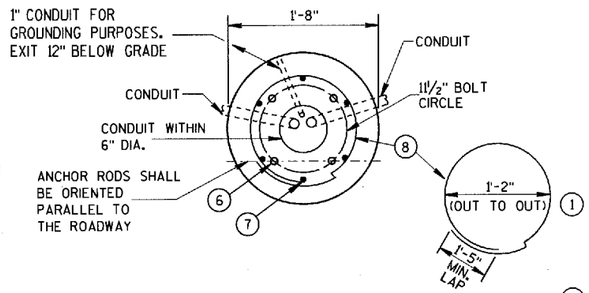
(6) (4) 1" DIA. X 3'-6" ANCHOR RODS.

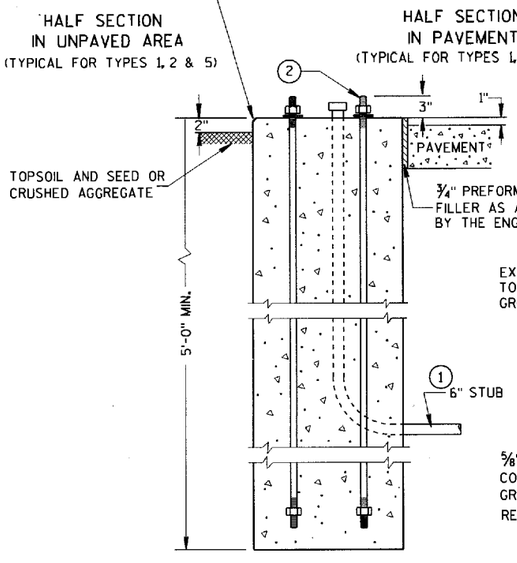
(7) (6) NO.4 X 4'-8" BAR STEEL REINFORCEMENT

(8) (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

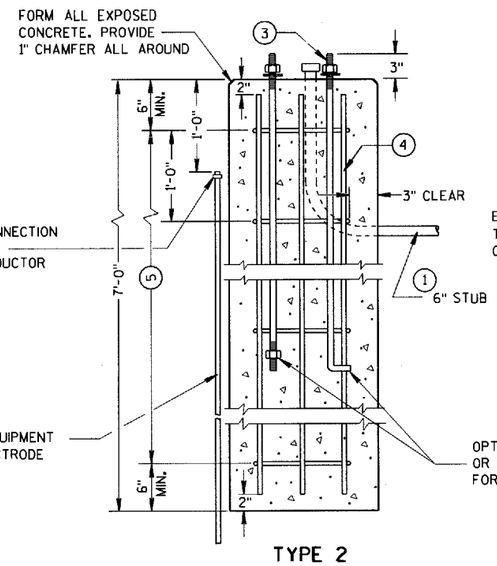




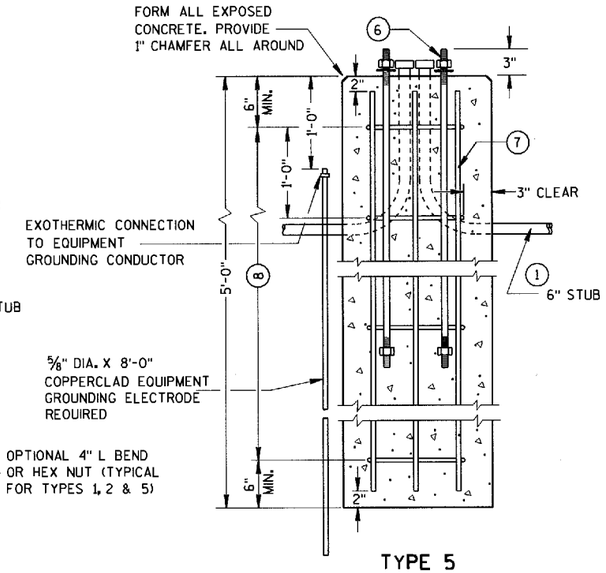




TYPE 1



TYPE 2



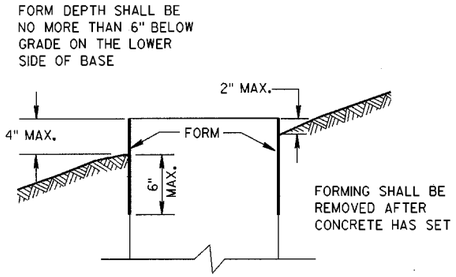
TYPE 5

CONCRETE BASES

CONCRETE BASES, TYPES 1, 2 & 5
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION
APPROVED 10/21/96 DATE — STATE ELECTRICAL ENGINEER FOR HIGHWAYS
FHWA

S.D.D. 9 C 2-2

S.D.D. 9 C 2-2



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN AT THE ENTRANCE OF THE BASE.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

GENERAL NOTES (CONTINUED)

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2 AND TYPE 5 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE OF THE TYPE 2 AND TYPE 5 BASES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD, ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 AND 641.2.2 OF THE STANDARD SPECIFICATIONS, ASTM A-449, OR ASTM A-687 (GRADE 105).

WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4" "L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND END SHALL NOT BE THREADED.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL BY THE ENGINEER.

(2) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(3) (4) 1" DIA. X 5'-0" ANCHOR RODS.

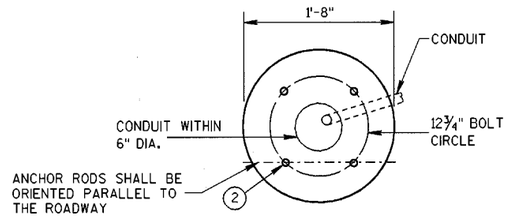
(4) (6) NO. 6 X 6'-8" BAR STEEL REINFORCEMENT.

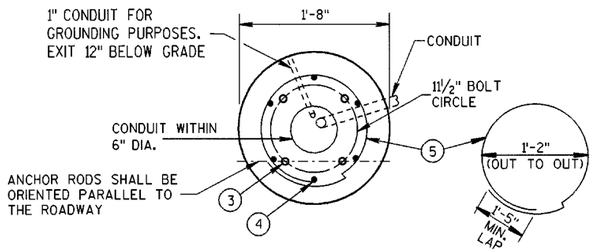
(5) (7) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

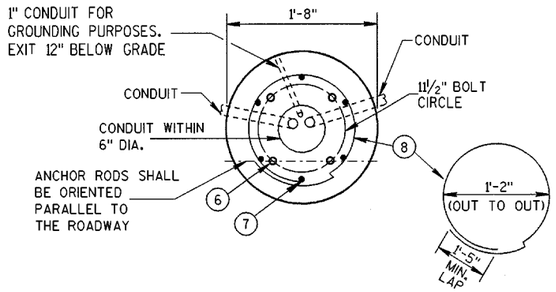
(6) (4) 1" DIA. X 3'-6" ANCHOR RODS.

(7) (6) NO.4 X 4'-8" BAR STEEL REINFORCEMENT

(8) (5) NO. 4 X 5'-1" BAR STEEL REINFORCEMENT @ 1'-0" C-C.

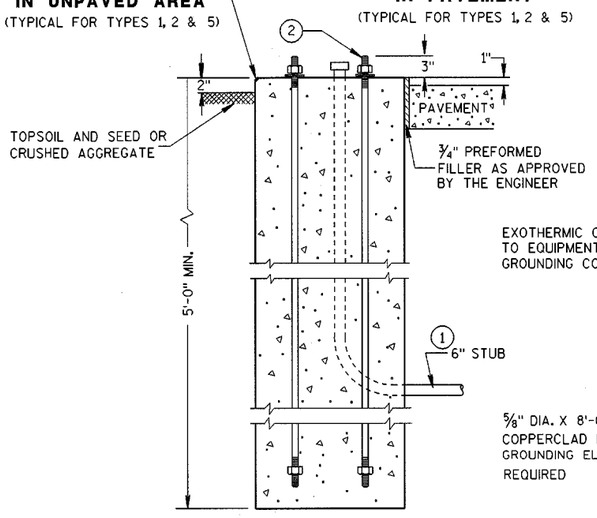




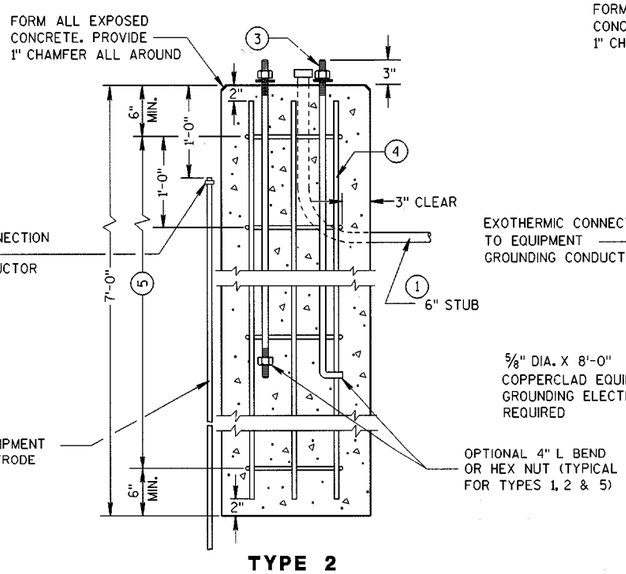


HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2 & 5)

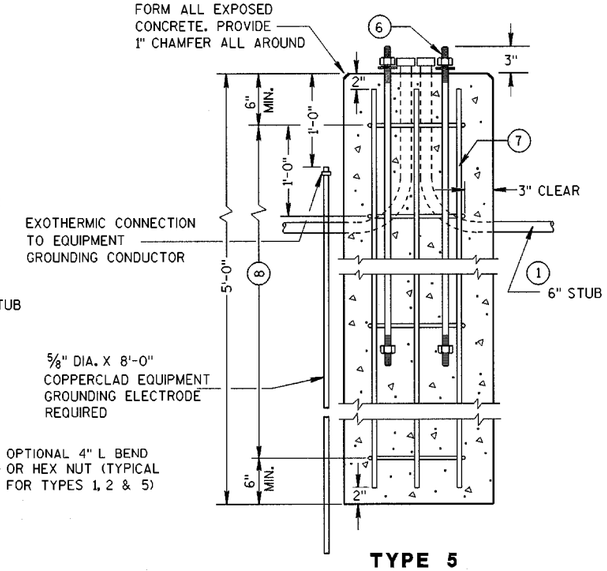
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2 & 5)



TYPE 1



TYPE 2



TYPE 5

CONCRETE BASES

CONCRETE BASES.
TYPES 1, 2 & 5

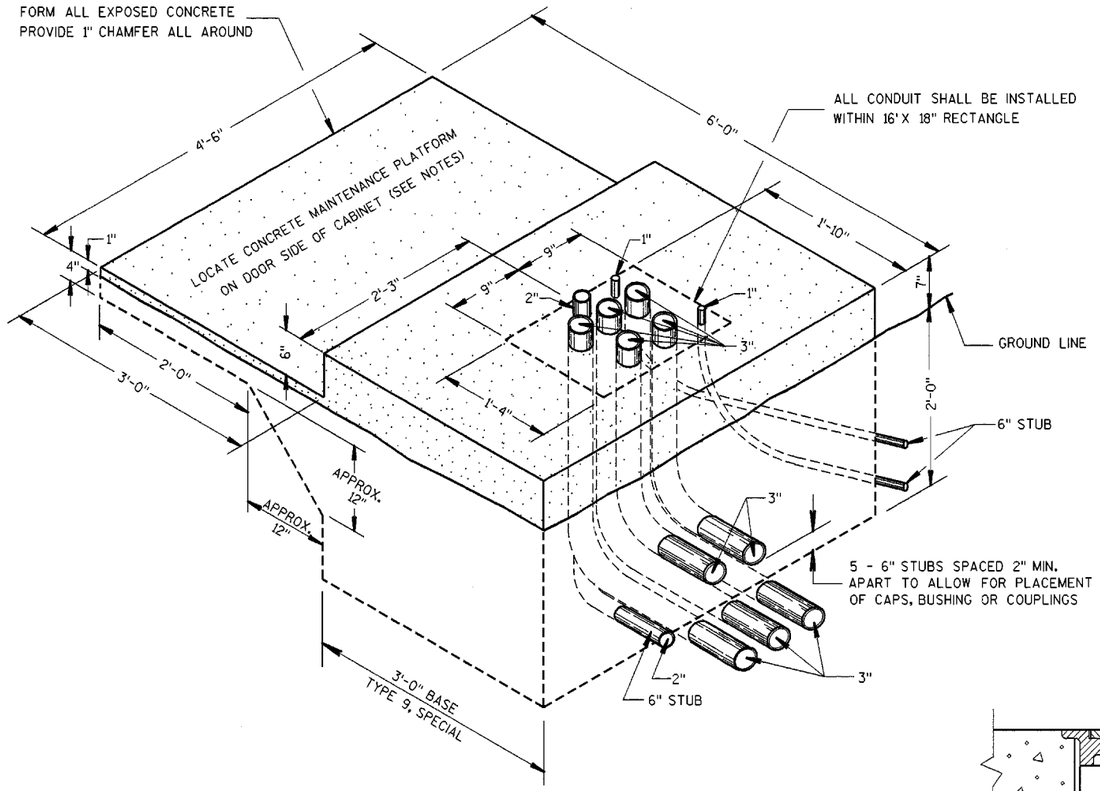
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/20/23
DATE
STATE ELECTRICAL ENGINEER FOR HIGHWAYS
FHWA

6

S.D.D. 9 C 2-3

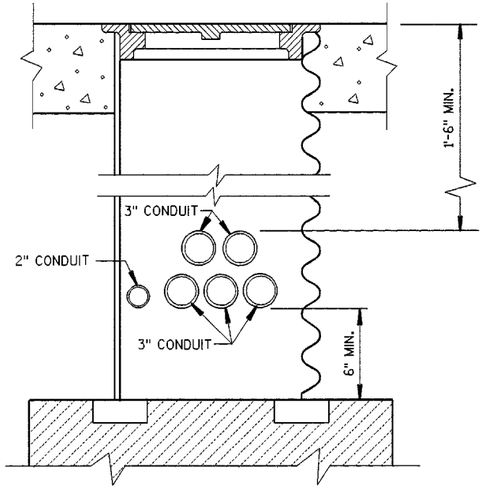
S.D.D. 9 C 2-3



ISOMETRIC VIEW

TYPE 9, SPECIAL (5-3")

(C.Y. CONCRETE = APPROX. 1.56)



CONDUIT LOCATIONS IN 24" X 36" PULL BOX

(LEADING TO CONTROLLER CABINET BASE TYPE 9, SPECIAL)

FOR OTHER PULL BOX INFORMATION, SEE SDD FOR "PULL BOXES"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR ½ INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH APPROVED CONCRETE MASONRY ANCHORS TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND BE LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NONMETALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONDUIT EXITING THE CONCRETE BASE (ONE TWO INCH, FIVE THREE INCH) SHALL TERMINATE IN PULL BOX(S) AS SHOWN ON THE PLANS.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL (5-3" & 1-2" CONDUITS)

CONCRETE CONTROL CABINET
BASE, TYPE 9, SPECIAL

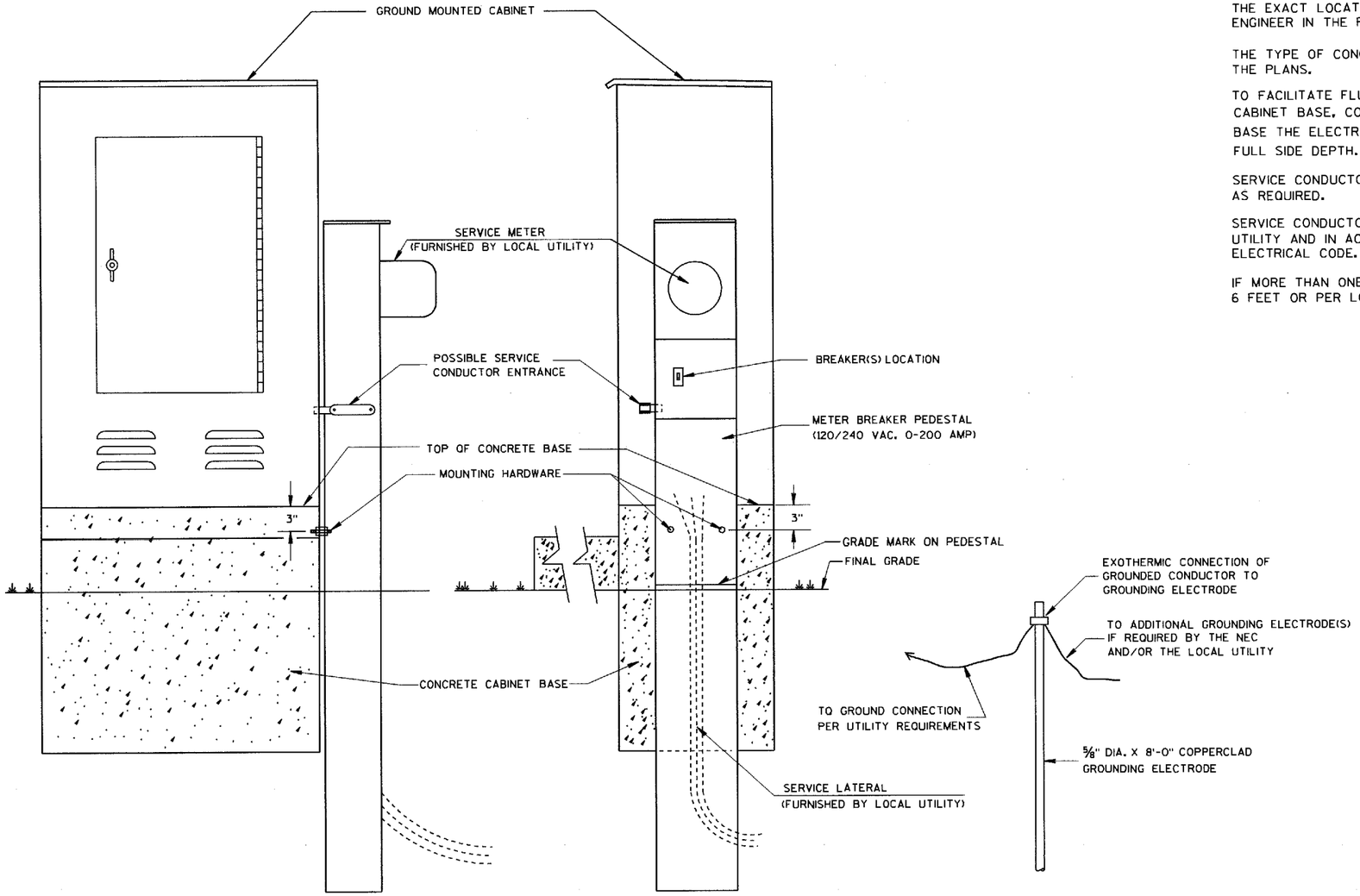
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/03
DATE
STATE ELECTRICAL ENGINEER FOR HIGHWAYS
FHWA

6

S.D.D. 9 C 6-3

S.D.D. 9 C 6-3



TYPICAL CABINET SERVICE INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE, CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRIC SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT, NIPPLES AND/OR CONDULETS AS REQUIRED.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER LOCAL UTILITY REGULATIONS.

CABINET SERVICE INSTALLATION
(METER BREAKER PEDESTAL)

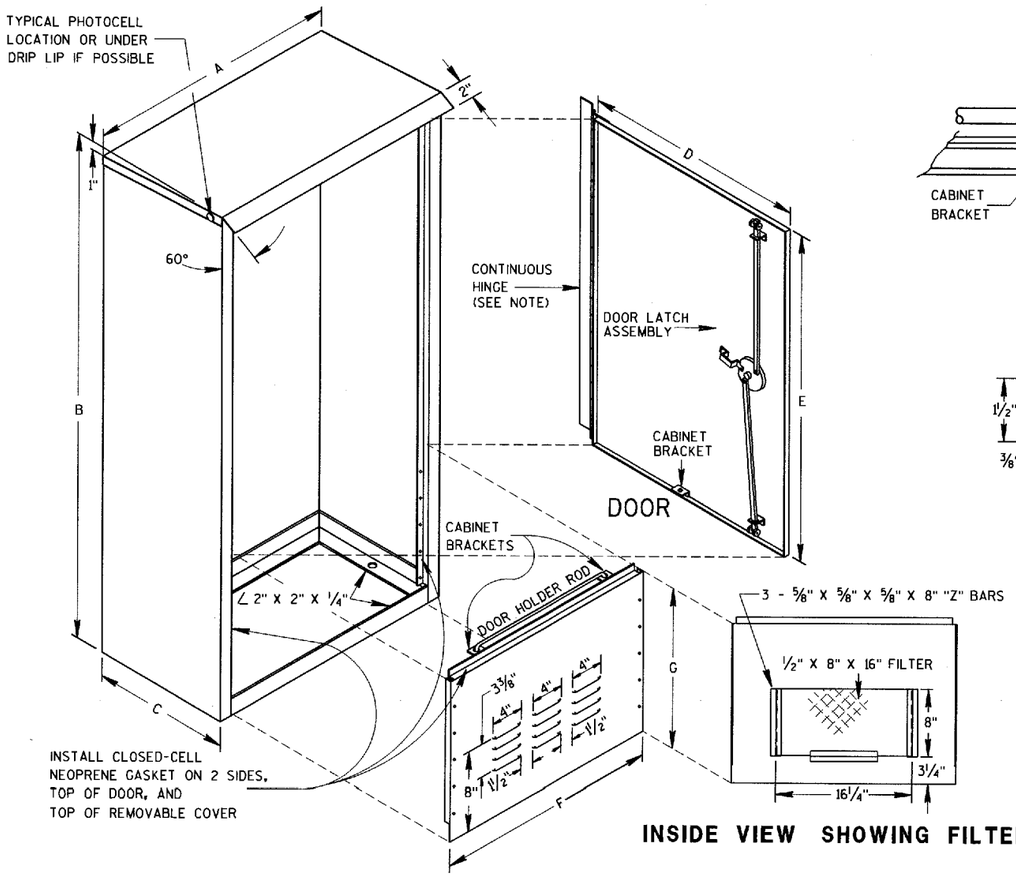
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/21/96
DATE
FHWA

STATE ELECTRICAL ENGINEER FOR HIGHWAYS

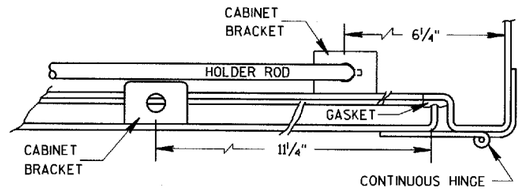
S.D.D. 9 D 1-2

S.D.D. 9 D 1-2

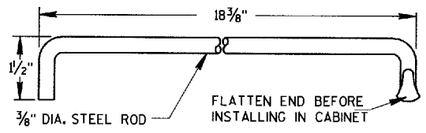


REMOVABLE COVER

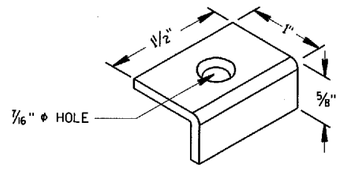
INSIDE VIEW SHOWING FILTER



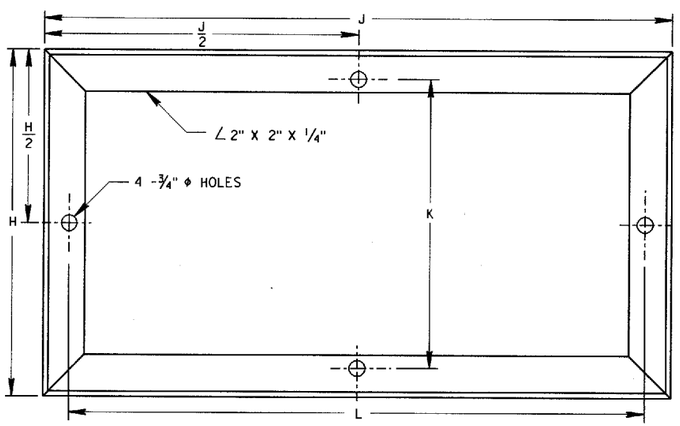
HINGE & DOOR HOLDER



HOLDER ROD



CABINET BRACKET



MOUNTING BASE

TABLE OF DIMENSIONS (INCHES)

MARK	CABINET TYPE		
	3060	3860	3866
A	30	38	38
B	60	60	66
C	16 1/2	16 1/2	24
D	26 1/2	34 3/4	33 3/4
E	38 3/4	38 3/4	38 3/4
F	26 1/2	34 3/4	33 3/4
G	19	19	25
H	16 1/2	16 1/2	24
H/2	8 1/4	8 1/4	12
J	30	38	38
J/2	15	19	19
K	13 3/4	13 3/4	21 1/4
L	27 1/2	35 1/2	35 1/2

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PRIME WITH PHOSPHATE TREATMENT AND PRIMER.

FINISH EXTERIOR SURFACES WITH RUSTOLEUM #906 SILVER GRAY OR APPROVED EQUAL.

FINISH INTERIOR WITH RUSTOLEUM #2766 HIGH GLOSS WHITE ENAMEL OR APPROVED EQUAL.

ALL SHEET METAL PARTS SHALL BE .125 INCH THICK ALUMINUM.

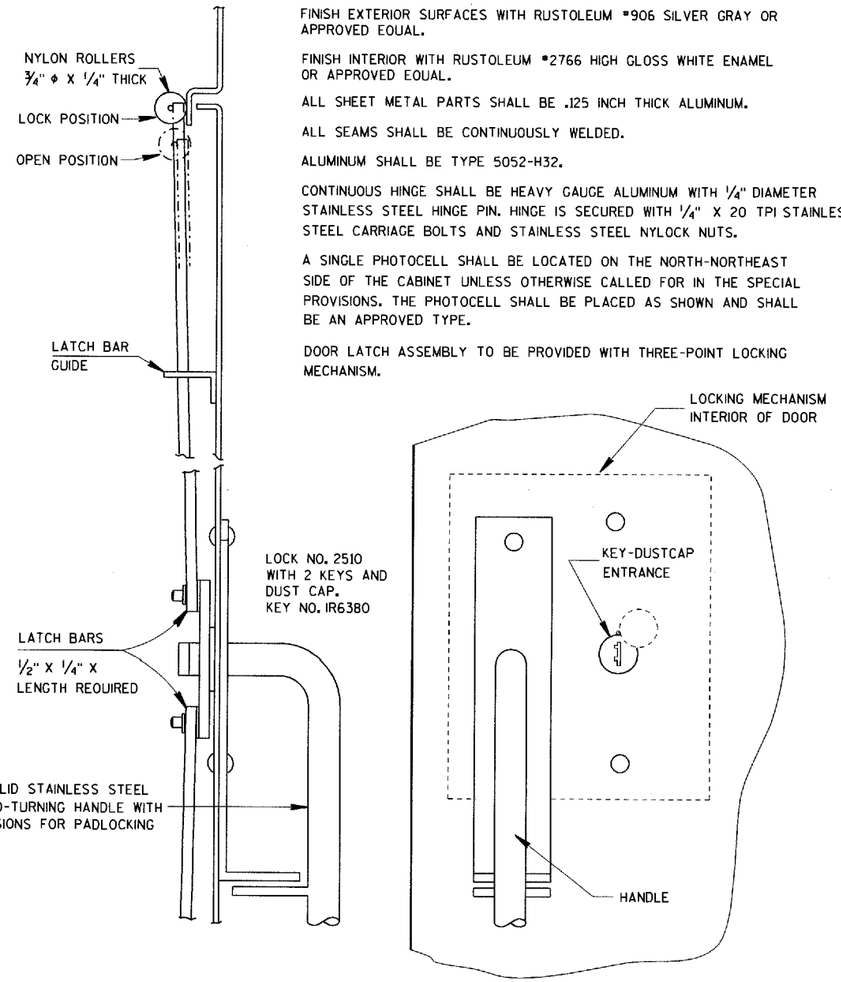
ALL SEAMS SHALL BE CONTINUOUSLY WELDED.

ALUMINUM SHALL BE TYPE 5052-H32.

CONTINUOUS HINGE SHALL BE HEAVY GAUGE ALUMINUM WITH 1/4" DIAMETER STAINLESS STEEL HINGE PIN. HINGE IS SECURED WITH 1/4" X 20 TPI STAINLESS STEEL CARRIAGE BOLTS AND STAINLESS STEEL NYLOCK NUTS.

A SINGLE PHOTOCELL SHALL BE LOCATED ON THE NORTH-NORTHEAST SIDE OF THE CABINET UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISIONS. THE PHOTOCELL SHALL BE PLACED AS SHOWN AND SHALL BE AN APPROVED TYPE.

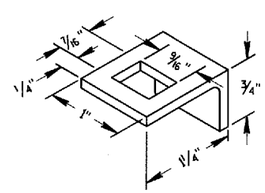
DOOR LATCH ASSEMBLY TO BE PROVIDED WITH THREE-POINT LOCKING MECHANISM.



SIDE VIEW

FRONT VIEW

LATCH ASSEMBLY



LATCH BAR GUIDE

SIGNAL OR LIGHTING CONTROL CABINET

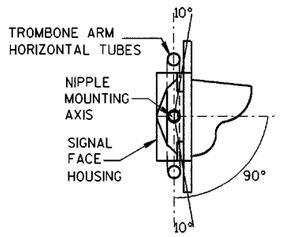
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/21/96
DATE
FHWA

STATE ELECTRICAL ENGINEER FOR HIGHWAYS

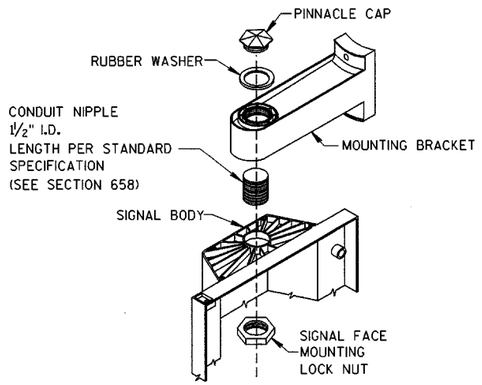
S.D.D. 9 D 2-2

S.D.D. 9 D 2-2



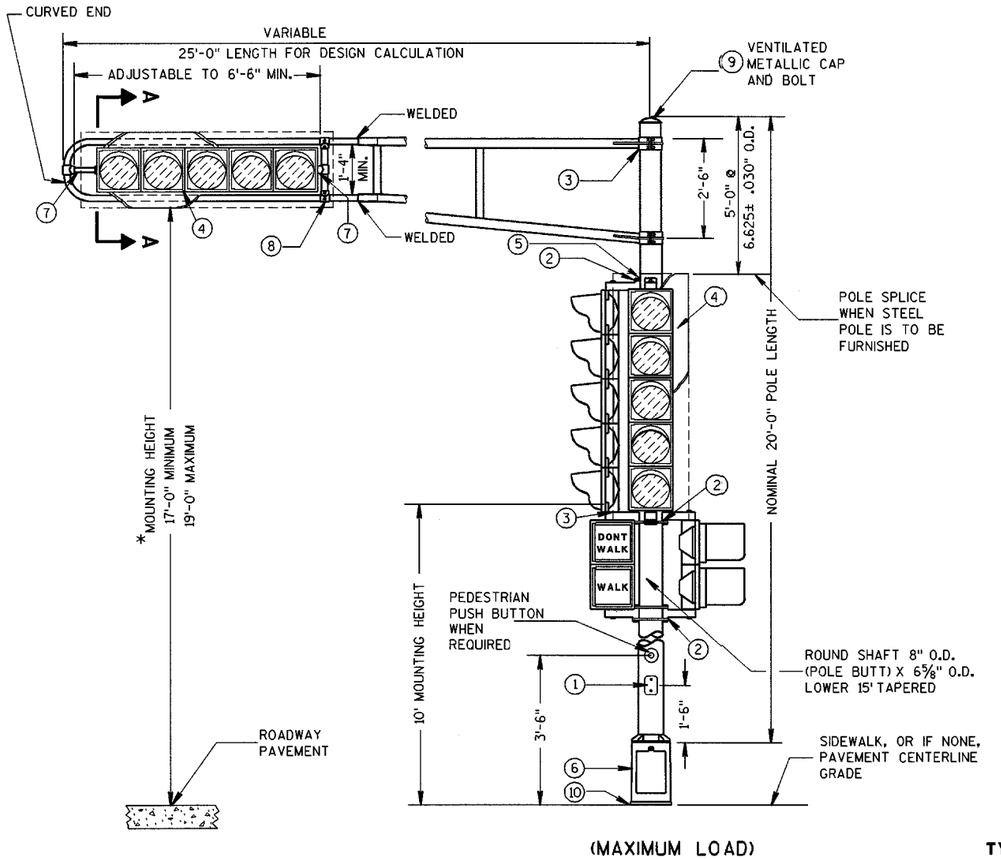
SECTION A-A

(10 DEGREES TILT REQUIREMENT OF FACE(S) IN THE TROMBONE MOUNTING)

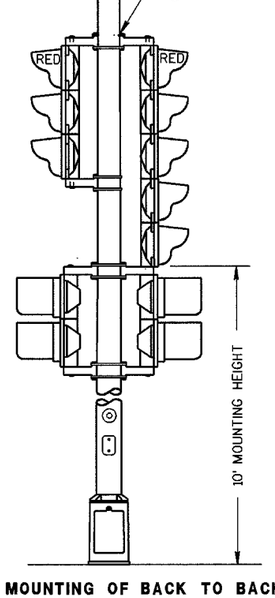


SIGNAL FACE MOUNTING DETAIL

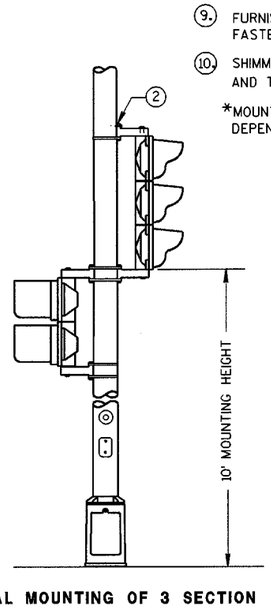
(BANDED)



(MAXIMUM LOAD)



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE

TYPE 2 POLE MOUNTING CONFIGURATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLES SHALL BE EITHER ALUMINUM OR GALVANIZED STEEL AS CALLED FOR IN THE CONTRACT.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

A PULL WIRE/ROPE IN ACCORDANCE WITH STANDARD SPECIFICATION 652 SHALL BE INSTALLED IN EACH TROMBONE ARM RACEWAY DURING THE MANUFACTURING PROCESS.

TYPE 2 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063-T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

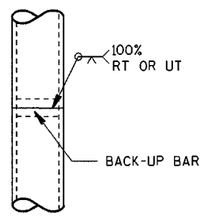
WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

1. 4" X 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) ¼" X ¾" - 20 TPI HEX HEAD STAINLESS STEEL BOLTS.
2. SIGNAL FACE MOUNTING BRACKETS. MOUNT WITH CAP SCREWS AND BANDING. (SEE STANDARD SPECIFICATIONS - SEC. 658)
3. GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.
4. SECURELY MOUNT DULL BLACK POLYCARBONATE BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, WITH SELF-TAPPING STAINLESS STEEL SCREWS.
5. POLE MOUNTED SIGNAL FACES SHALL REQUIRE 1 OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACES.
6. CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.
7. MOUNTING BRACKET NIPPLES FOR THE SIGNAL FACE(S) SHALL BE 2 INCHES IN LENGTH AND 1½ INCHES IN DIAMETER. (SEE STANDARD SPECIFICATION - SECTION 658).
8. VERTICAL STRUT (ADJUSTABLE). ONE (1) SET SCREW (¼" X ¾" LONG- 20 TPI, STAINLESS STEEL, HEX HEAD) INTO EACH ARM MEMBER IF STRUT IS THE SLIDING TYPE.
9. FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1 ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.
10. SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.

*MOUNTING HEIGHT LIMITATION DIMENSIONS OF THE TROMBONE MAST ARM WILL BE DEPENDENT UPON THE USE/NON-USE OF A TRANSFORMER BASE.

FOR MANUFACTURERS USE ONLY

WELD TO BE 100% R.T. OR U.T. TESTED AS PER THE REQUIREMENTS OF AWS D 1.5-88. RECORDS OF COMPLIANCE OF SUCH TESTING SHALL BE FURNISHED TO THE OFFICE OF DESIGN/BRIDGE FOR VERIFICATION AND APPROVAL.



POLE SPLICE DETAIL

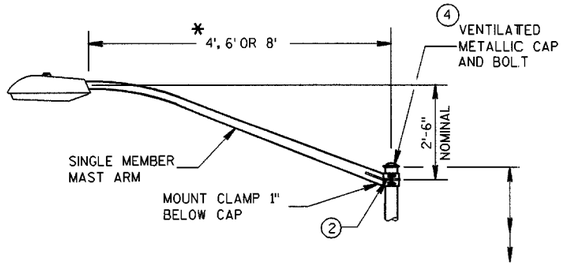
POLE MOUNTINGS FOR TRAFFIC SIGNALS TYPE 2

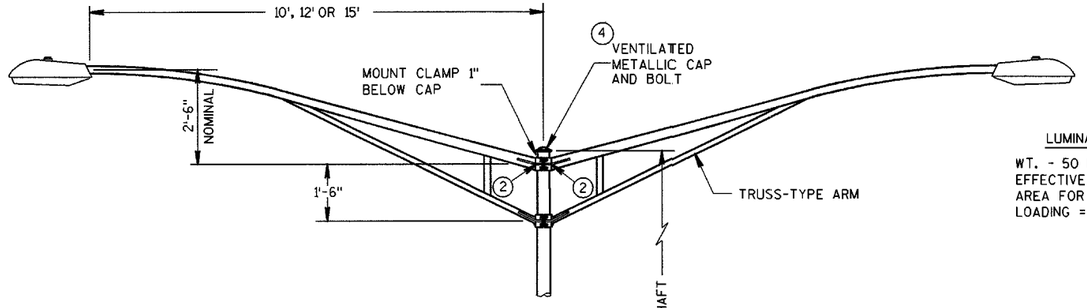
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D. 9 E 1-4a

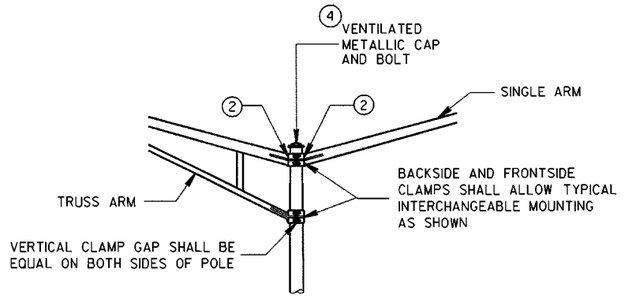
S.D.D. 9 E 1-4a

*RISE FOR 4' ARM SHALL BE 2'-0".





TYPE 5 POLE MOUNTING CONFIGURATION
(MAXIMUM LOAD)
LIGHTING ONLY



INTERCHANGEABLE MOUNTING DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063-T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONEECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

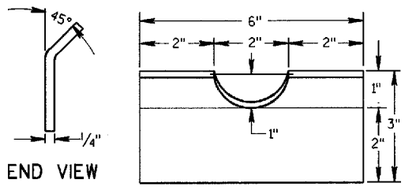
1. 4" x 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) ¼" X ¾" - 20 TPI HEX HEAD STAINLESS STEEL BOLTS.
2. GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.
3. CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.
4. FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.
5. SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.

POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D. 9 E 1-4d

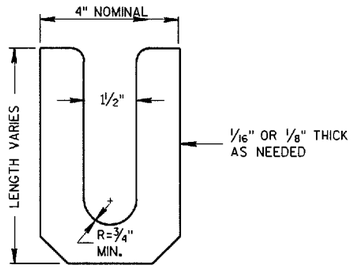
S.D.D. 9 E 1-4d



FRONT VIEW

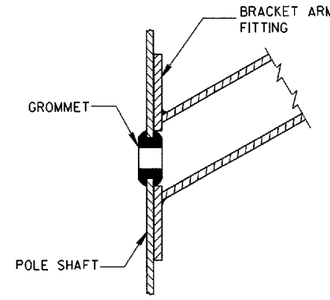
RECTANGULAR CLAMP SHIM

(4 TO A SET)

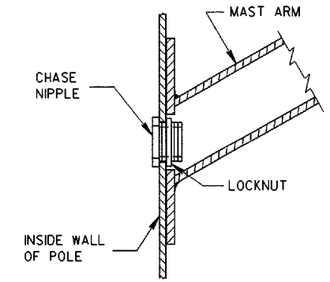


LEVELING SHIM (15)

SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

(10.) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP.
6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

(11.) INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

(12.) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

(13.) OUTSIDE SHIM DIAMETER - (4.5" O.D. FOR LUMINAIRE MAST ARM)
(6.625" O.D. FOR TROMBONE MAST ARM)

(14.) VARIABLE SHIM THICKNESS - (0.10", 0.25", 0.35", 0.53" OR 0.70")

SHIM THICKNESS FOR TROMBONE MAST ARMS MAY BE TYPICALLY 0.25", 0.35", 0.53" OR 0.70".

SHIM THICKNESS FOR LUMINAIRE MAST ARMS MAY BE TYPICALLY 0.10", 0.25" OR 0.35".

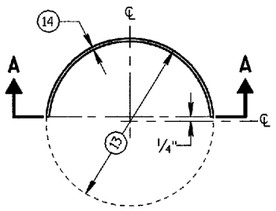
SHIM MATERIAL SHALL BE ALUMINUM ALLOY.

SHIM THICKNESS SHALL BE IMPRESSED INTO EACH SHIM. NUMERALS SHALL BE 1/4" HIGH AND LEGIBLE.

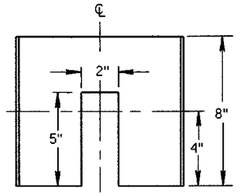
THE CONTRACTOR SHALL SUBMIT TWO COPIES OF ALL SHIM SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL.

(15.) LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



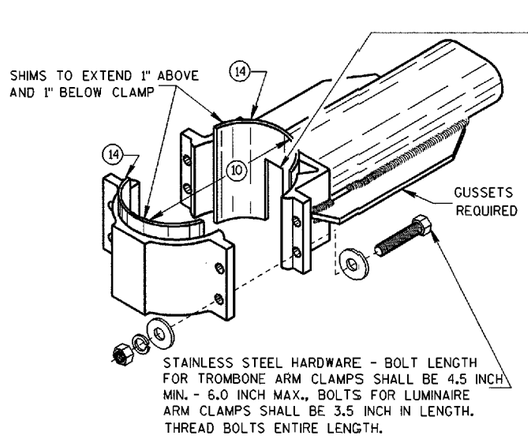
PLAN VIEW



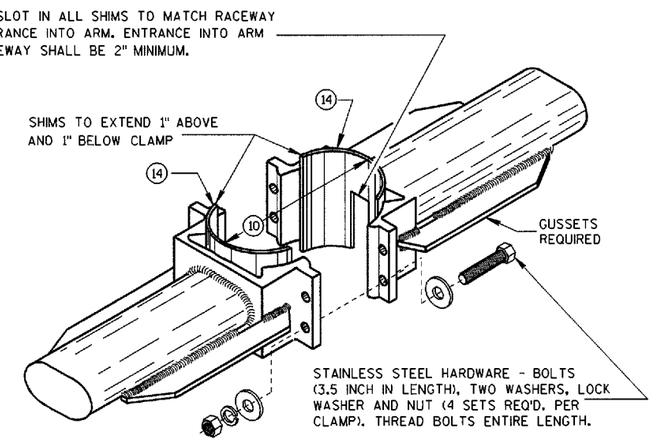
SECTION A-A

CIRCULAR CLAMP SHIM

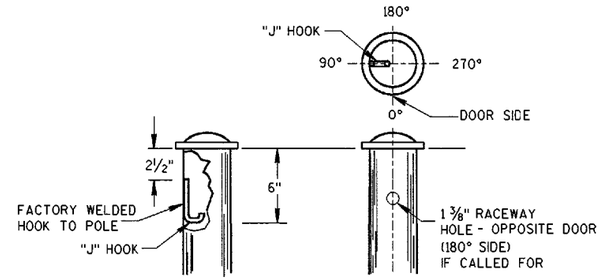
(2 TO A SET)



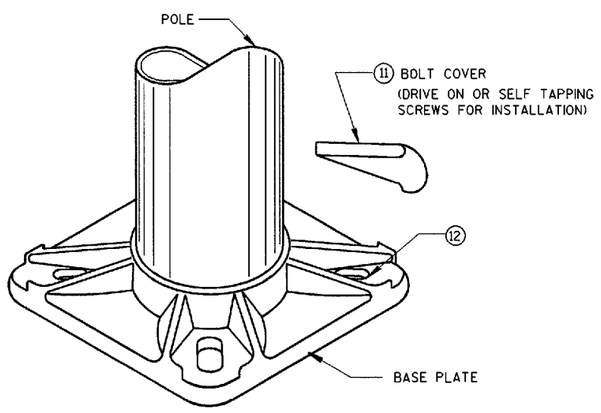
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



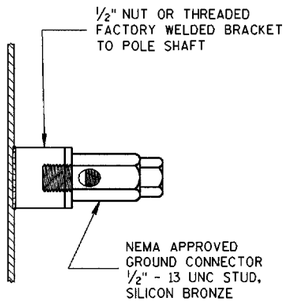
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

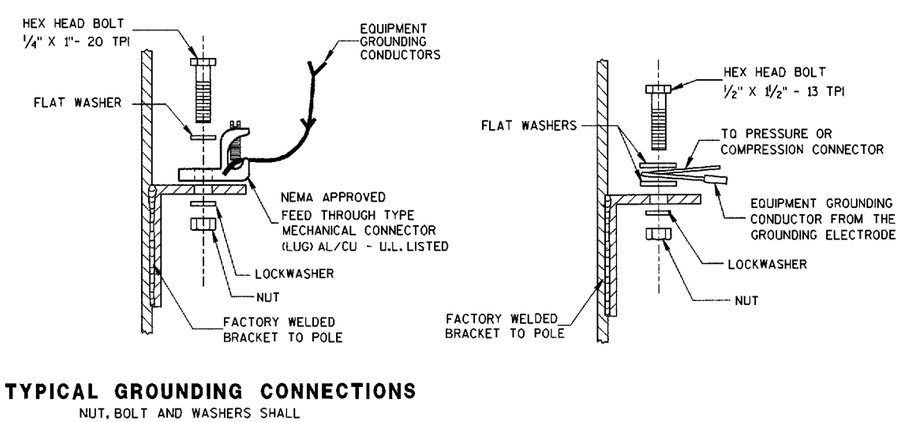


TYPICAL "J" HOOK LOCATION



BASE PLATE





TYPICAL GROUNDING CONNECTIONS

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTINGS

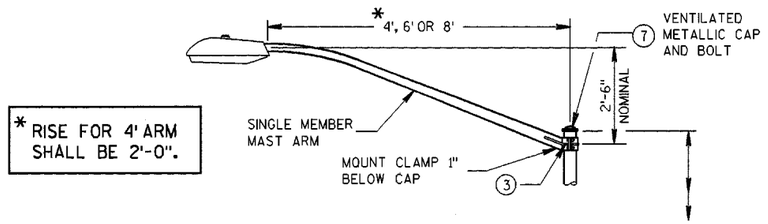
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 3/05/01 DATE — STATE ELECTRICAL ENGINEER FOR HIGHWAYS

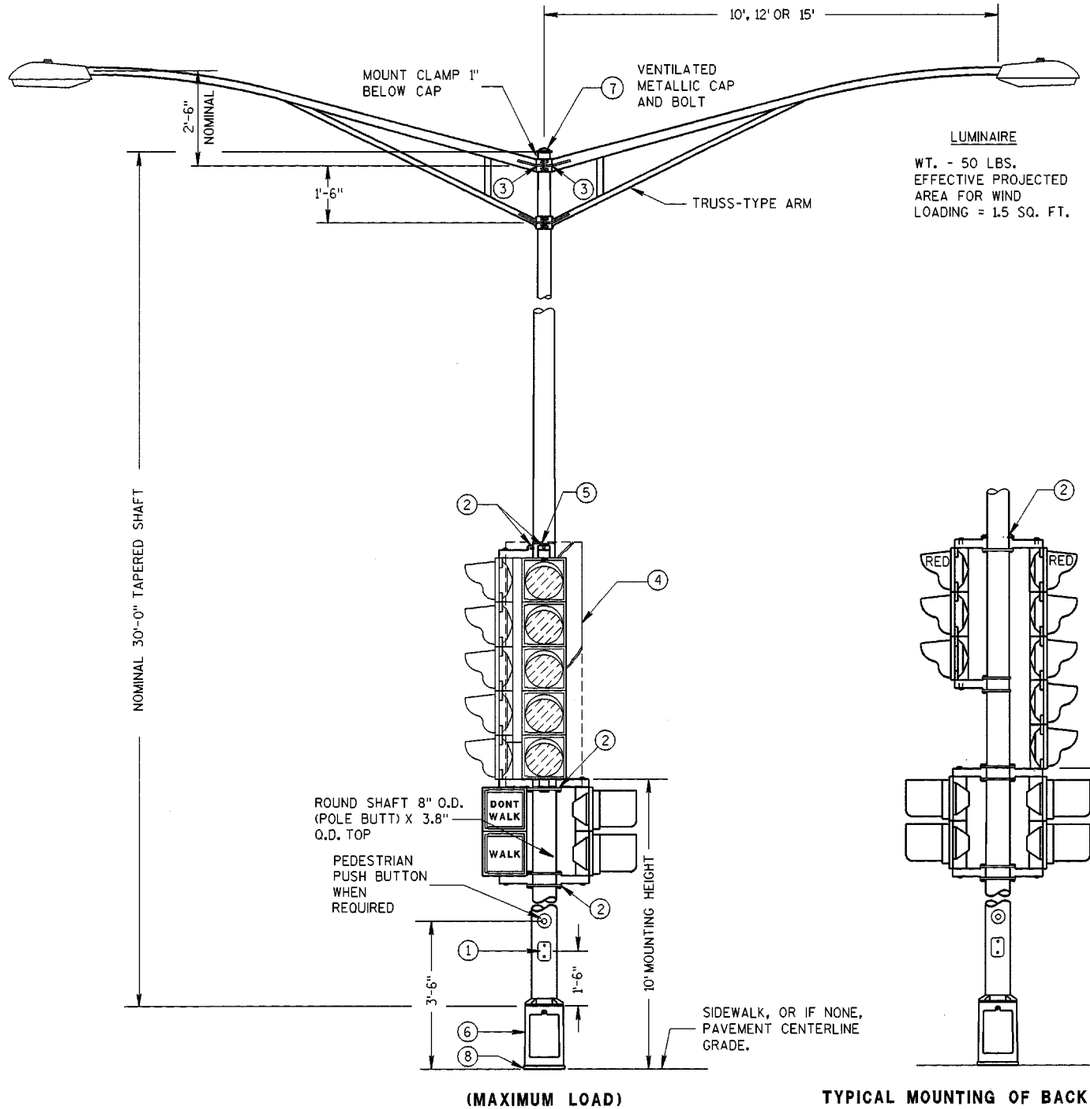
FHWA

S.D.D. 9 E 1-4g

S.D.D. 9 E 1-4g



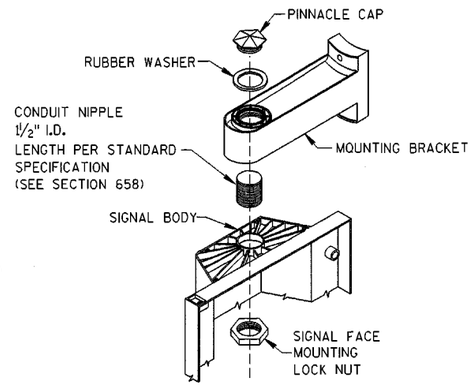
* RISE FOR 4' ARM SHALL BE 2'-0".



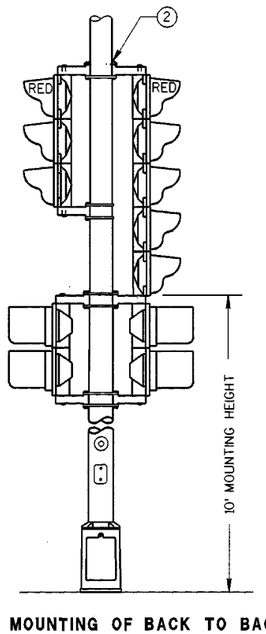
LUMINAIRE

WT. - 50 LBS.
EFFECTIVE PROJECTED AREA FOR WIND LOADING = 1.5 SQ. FT.

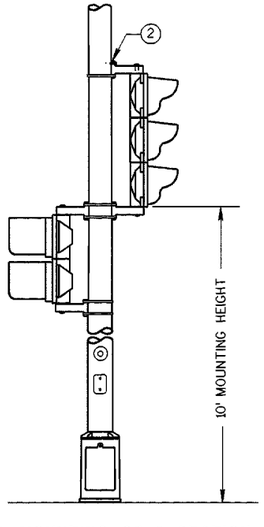
(MAXIMUM LOAD)



SIGNAL FACE MOUNTING DETAIL
(BANDED)



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 4 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL.

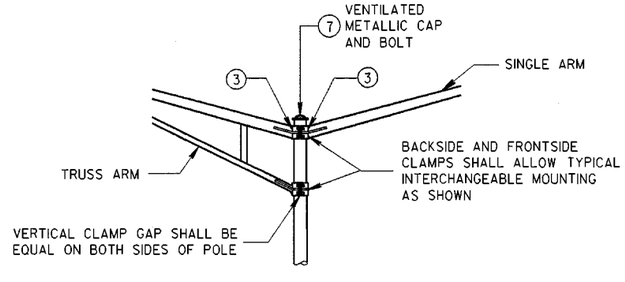
SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

"TYPE 4" SHALL BE INDENT PRINTED WITH 1/2-INCH HIGH FIGURES ON TWO OPPOSITE EDGES OF POLE PLATE.

1. 4" X 6" REINFORCED HANDHOLE & COVER ASSEMBLY WITH 2 (TWO) ¼" X ¾" - 20 TPI HEX HEAD STAINLESS STEEL BOLTS.
2. SIGNAL FACE MOUNTING BRACKETS, MOUNT WITH CAP SCREWS AND BANDING. (SEE STANDARD SPECIFICATIONS - SEC. 658).
3. GROMMETS, 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1⅜" HOLE IN POLE SHAFT FOR WIRING.
4. SECURELY MOUNT DULL BLACK POLYCARBONATE BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, WITH SELF-TAPPING STAINLESS STEEL SCREWS.
5. POLE MOUNTED SIGNAL FACES SHALL REQUIRE 1 OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACE.
6. CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.
7. FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.
8. SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND THE TRANSFORMER BASE.



INTERCHANGEABLE MOUNTING DETAIL

TYPE 4 POLE MOUNTING CONFIGURATION

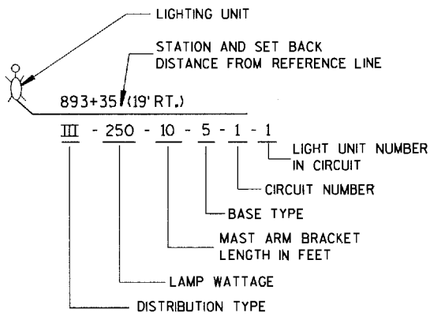
6

POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4

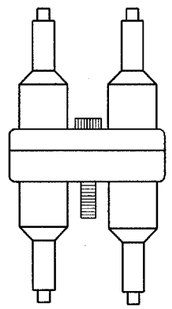
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D. 9 E 1-5c

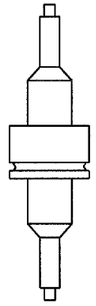
S.D.D. 9 E 1-5c



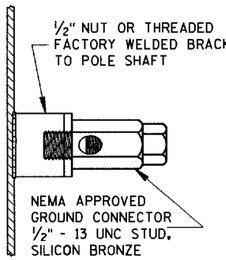
LIGHTING UNIT CODE
(TYPICAL)

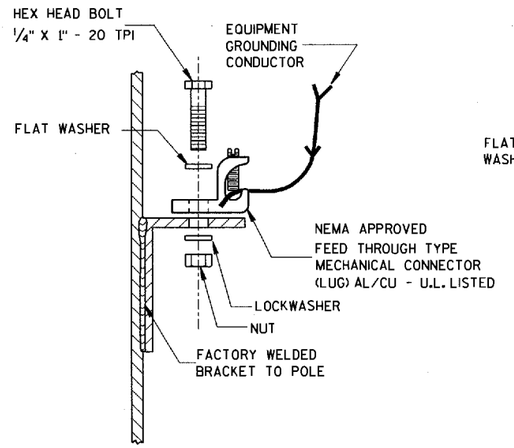


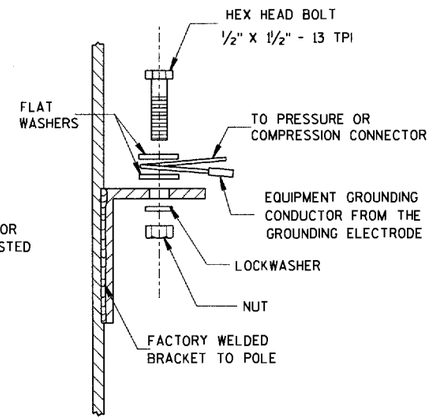
DETAIL "A"
DOUBLE POLE



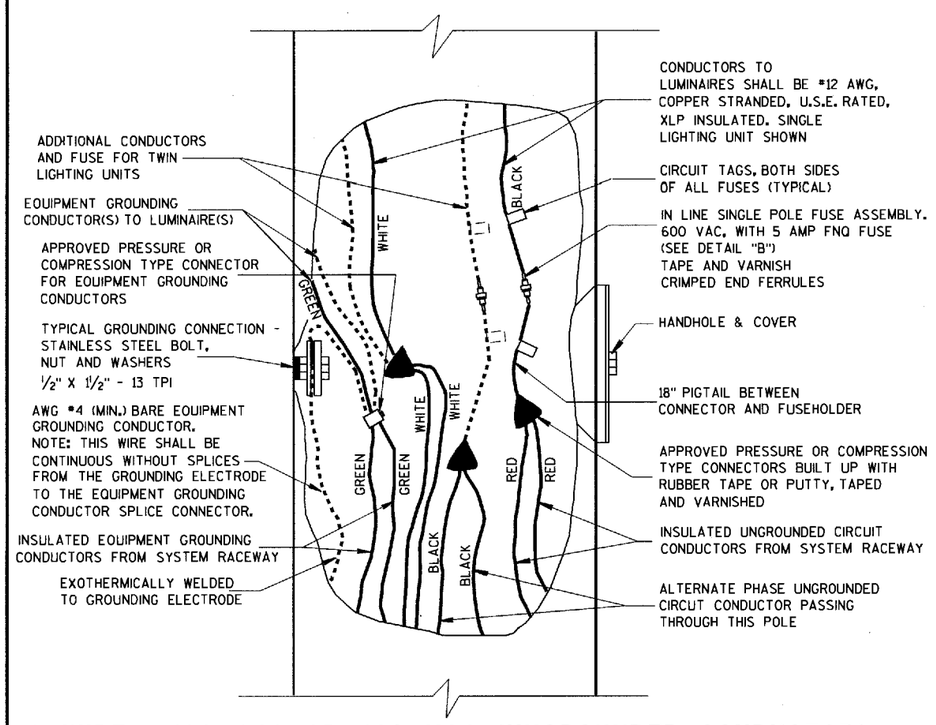
DETAIL "B"
SINGLE POLE



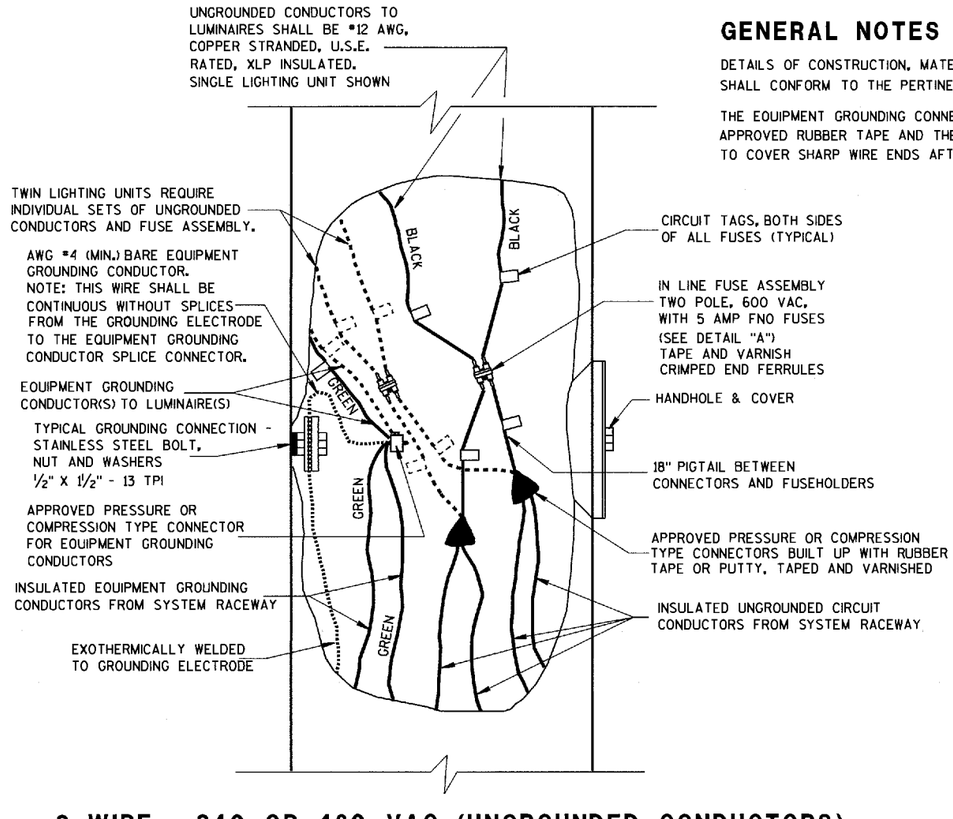




TYPICAL GROUNDING CONNECTIONS
NUT, BOLT, WASHERS AND LOCKWASHERS SHALL BE STAINLESS STEEL



3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTOR) WITH GROUNDED CONDUCTOR AND WITH EQUIPMENT GROUNDING CONDUCTOR



2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUNDING CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND THEN 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

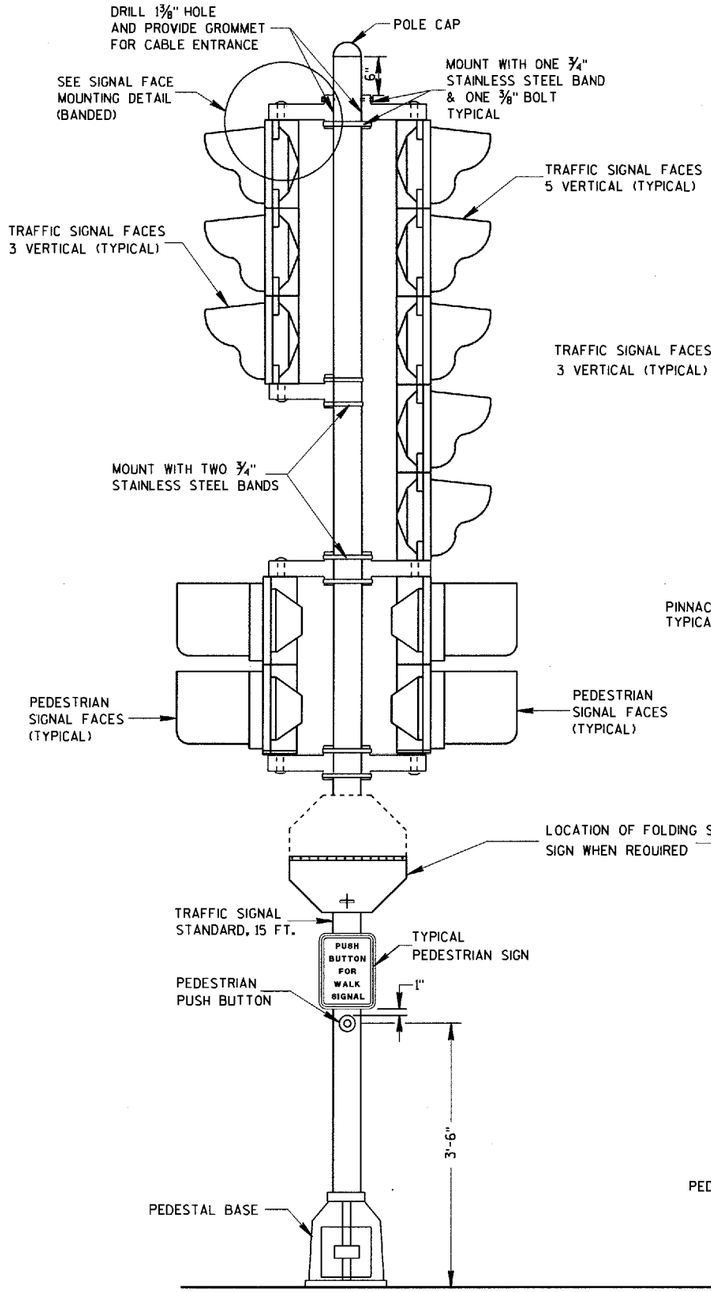
NON-FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

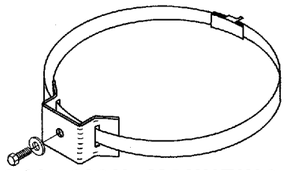
APPROVED
10/21/96 DATE
STATE ELECTRICAL ENGINEER FOR HIGHWAYS
FHWA

S.D.D. 9 E 3-2

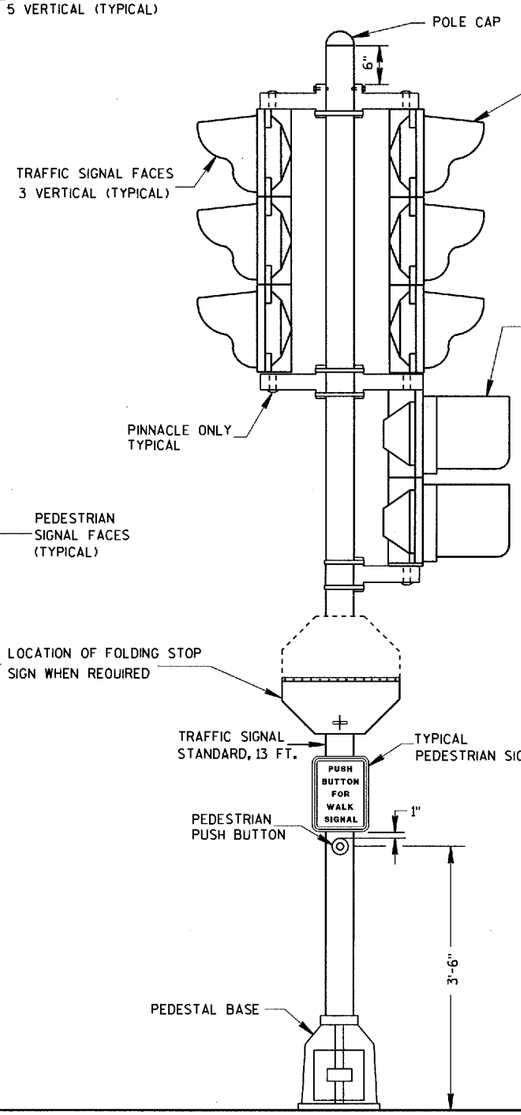
S.D.D. 9 E 3-2



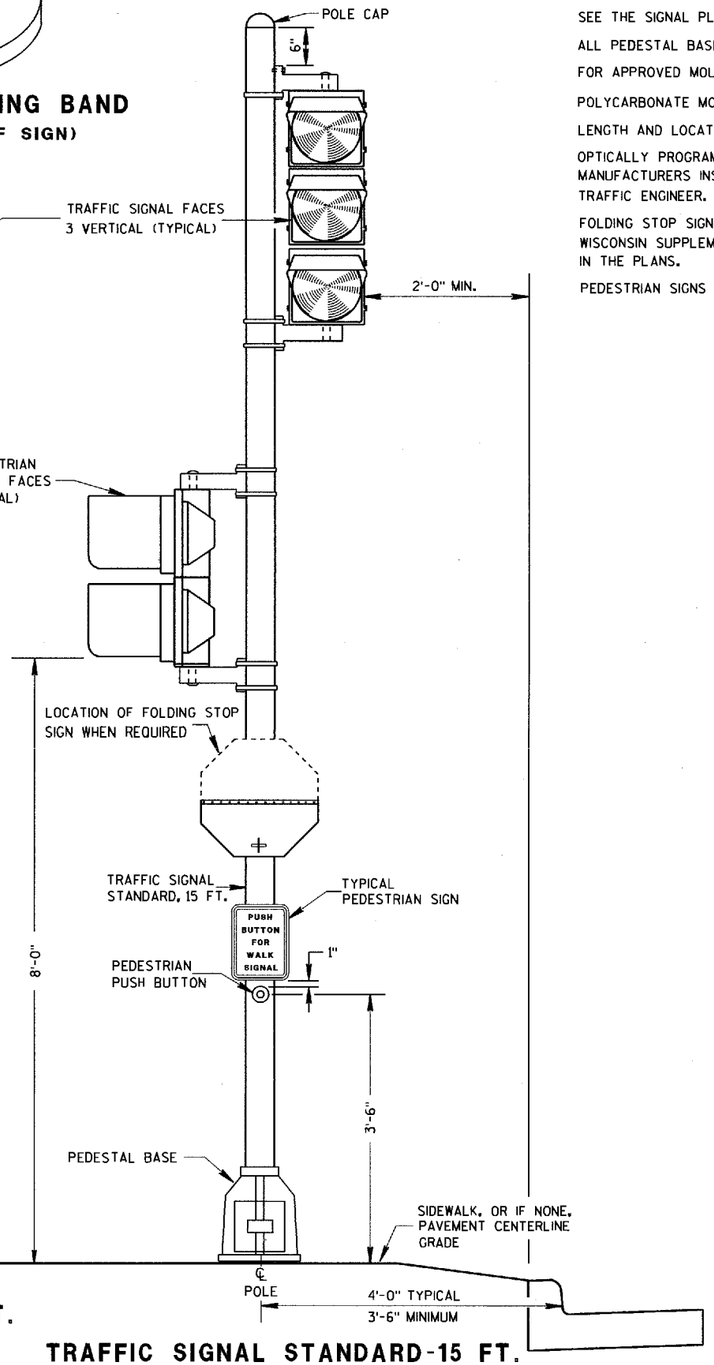
TRAFFIC SIGNAL STANDARD-15 FT.



TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



TRAFFIC SIGNAL STANDARD-13 FT.



TRAFFIC SIGNAL STANDARD-15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

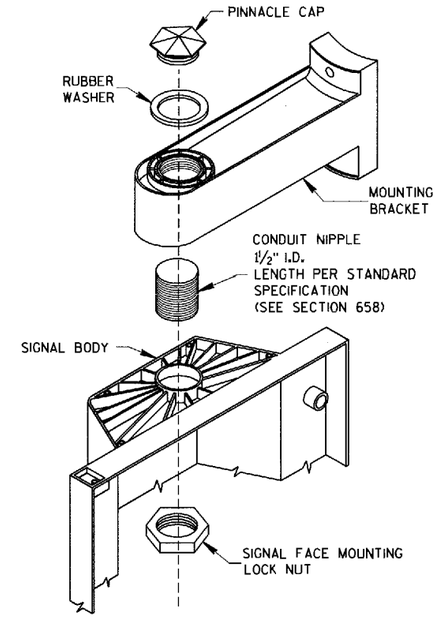
POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE DISTRICT TRAFFIC ENGINEER.

FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.



SIGNAL FACE MOUNTING DETAIL
(BANDED)

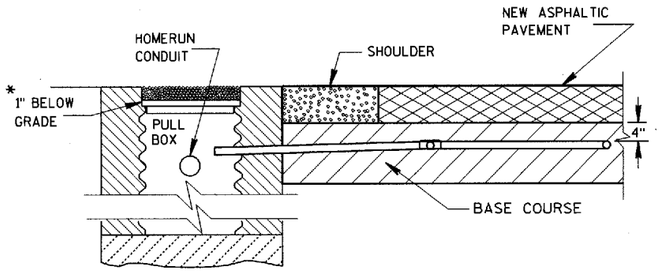
TRAFFIC SIGNAL STANDARD
POLY BRACKET MOUNTINGS (TYPICAL)
13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/21/96
DATE
STATE ELECTRICAL ENGINEER FOR HIGHWAYS
FHWA

S.D.D. 9 E 6-1

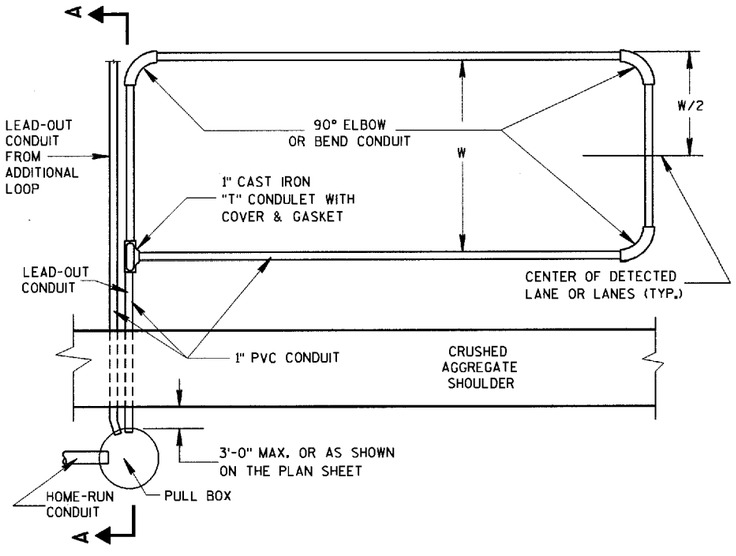
S.D.D. 9 E 6-1



SECTION A-A
NO CURB & GUTTER

DETECTOR LOOP INSTALLATION DETAIL

*RECESS PULL BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.



TYPICAL PLAN OF LOOP DETECTOR

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

PITCH LEAD-OUT CONDUIT TO DRAIN TO ROADSIDE PULL BOX.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS SUCH AS 3M TYPE 82A1 OR APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

THE GROUND RESISTANCE READING OF THE LOOP SHALL READ "INFINITY" TO GROUND ON AN OHMMETER USING A MULTIPLIER SCALE OF 1 MEGOHM AND AN INPUT RESISTANCE OF 11 MEGOHMS MINIMUM BEFORE SPLICING THE LOOP TO THE LEAD-IN CABLE.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READINGS TO THE PROJECT ENGINEER FOR EVALUATION.

ANTI-SIEZE LUBRICATING MATERIAL SHALL BE USED ON ALL THREADS OF THREADED ASSEMBLIES BEFORE INSTALLATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

THE #12 AWG LOOP WIRE FROM THE LOOP TO THE ROADSIDE PULL BOX, SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE INSTALLATION.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL BOXES AT THE SIDE OF THE ROAD.

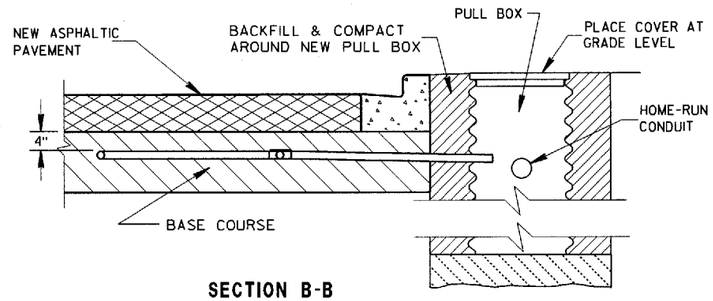
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL BOX, THROUGH THE LOOP DUCT, BACK TO THE ROADSIDE PULL BOX, AND BE INSTALLED IN ONE, NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT AND CONDULET SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE THE ASPHALTIC PAVEMENT IS PLACED.

WHEN MULTIPLE LAYERS OF ASPHALTIC PAVEMENT ARE TO BE PLACED, LOOPS MAY BE INSTALLED BY SAWING A TWO INCH WIDE SLOT IN THE FIRST LAYER, DIG OUT THE ASPHALTIC MATERIAL AND BASE COURSE, PLACE THE LOOP, FILL THE SLOT WITH BASE COURSE MATERIAL AND NEW ASPHALTIC MATERIAL AND TAMP THE ASPHALTIC MATERIAL IN PLACE.

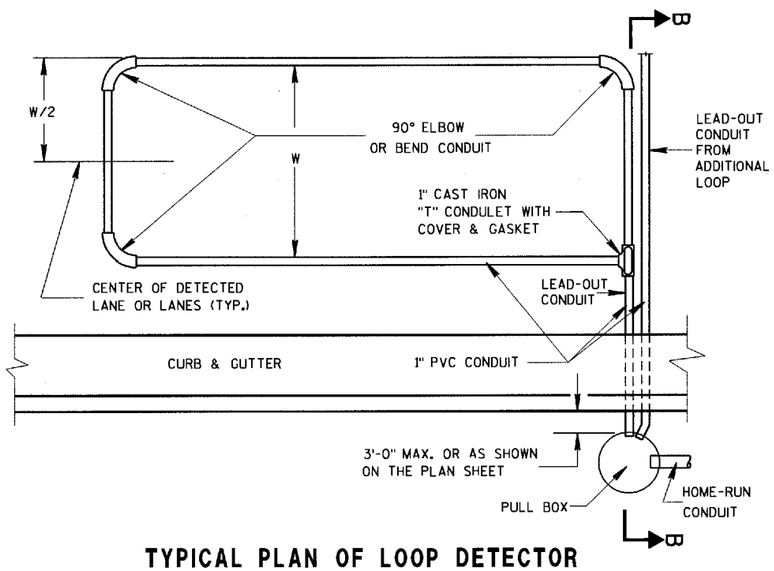
SHOULD TRAFFIC BE ALLOWED TO USE THE AREA OF ROADWAY WITH THE NEWLY INSTALLED LOOP BEFORE THE PLACEMENT OF THE NEXT LAYER OF ASPHALTIC PAVEMENT, THE SLOT/PAVEMENT OPENING SHALL BE SEALED WITH HOT POURED ELASTIC TYPE MATERIAL CONFORMING TO THE REQUIREMENTS OF THE "SPECIFICATION FOR JOINT SEALANTS, HOT POURED, FOR CONCRETE AND ASPHALT PAVEMENTS, ASTM DESIGNATION: D3405".

DRIVE A 1½" MAX. PK NAIL INTO THE NEW ASPHALTIC PAVEMENT AND DIRECTLY ABOVE THE CONDULET AFTER THE FINAL LAYER OF NEW ASPHALTIC PAVEMENT IS COMPLETELY INSTALLED, IF REQUIRED BY THE DISTRICT TRAFFIC SECTION.



SECTION B-B
CURB & GUTTER

LOOP DETECTOR INSTALLATION DETAIL



TYPICAL PLAN OF LOOP DETECTOR

LOOP DETECTOR PLACED
IN CRUSHED AGGREGATE BASE
(NEW ASPHALTIC PAVEMENT)

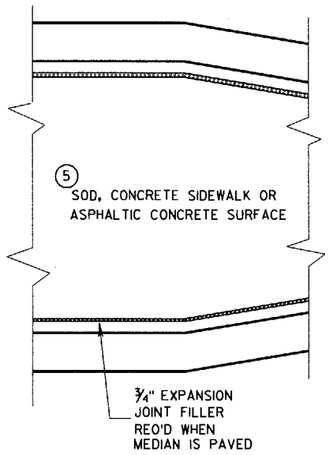
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

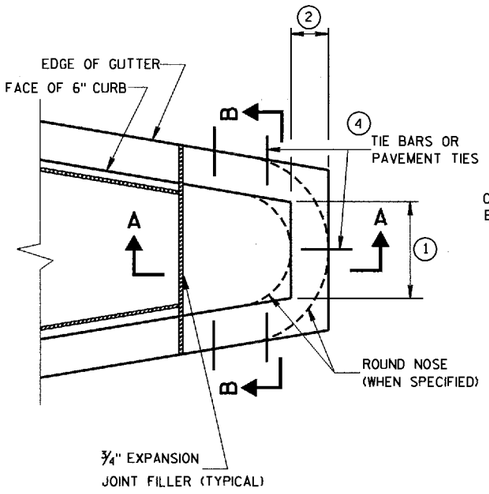
APPROVED
10/21/96
DATE
FHWA

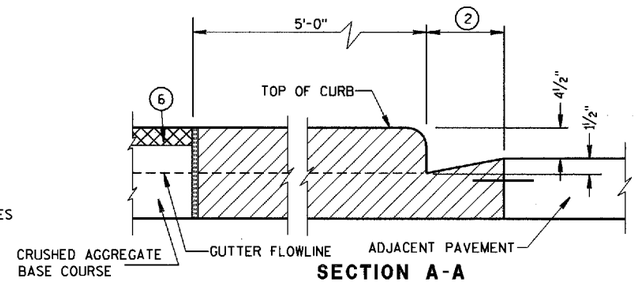
STATE ELECTRICAL ENGINEER FOR HIGHWAYS

S.D.D. 9 F 8-2

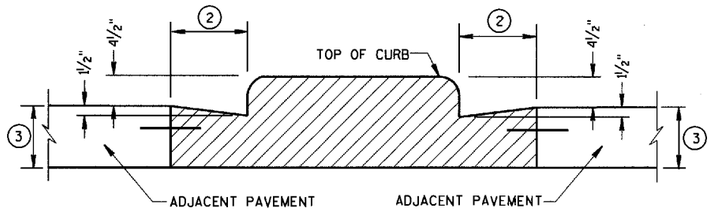
S.D.D. 9 F 8-2







SECTION A-A



SECTION B-B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

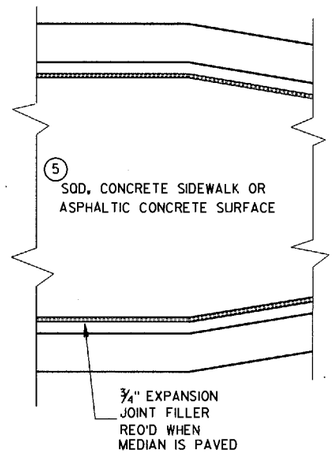
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

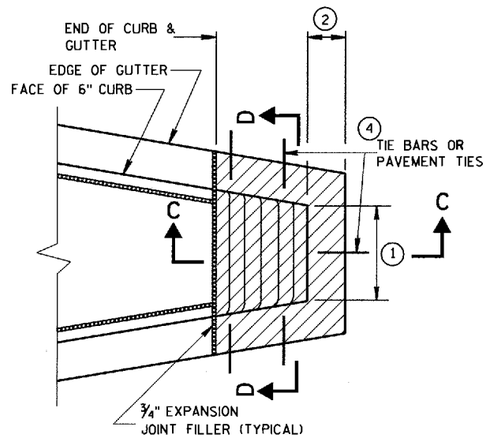
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

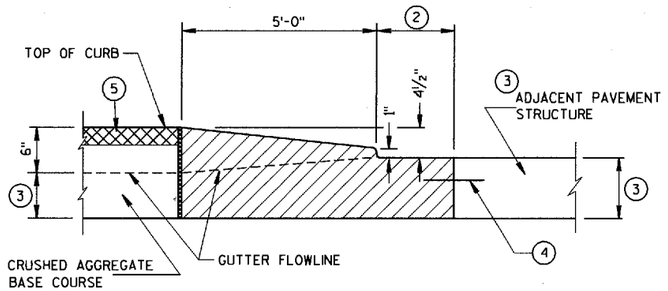
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.

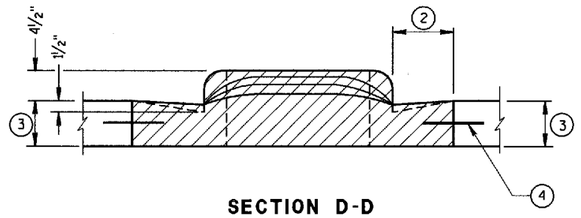
CONCRETE MEDIAN BLUNT NOSE DETAIL







SECTION C-C



SECTION D-D

CONCRETE MEDIAN SLOPED NOSE DETAIL

CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

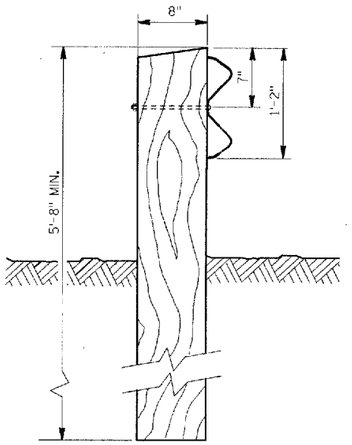
APPROVED
07/30/96
DATE

Roy L. Thoresen
CHIEF ROADWAY DEVELOPMENT ENGINEER

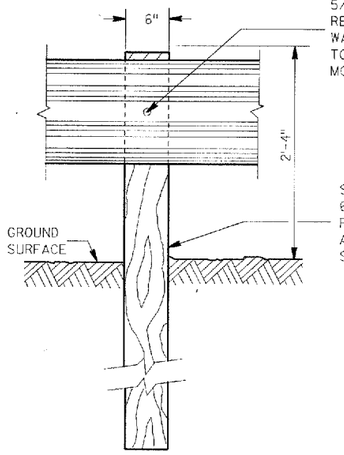
FHWA

S.D.D. 11 B 2-1

S.D.D. 11 B 2-1



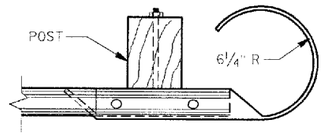
END VIEW



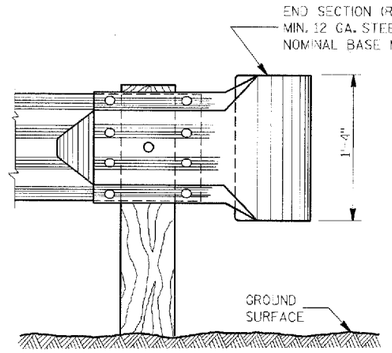
FRONT VIEW

BUTTONHEAD MOUNTING BOLT 5/8 " DIA. X LENGTH AS REQUIRED, SECURED WITH WASHER & NUT. THREAD END TO BE BURRED FOLLOWING MOUNTING.

SAWED TREATED TIMBER POSTS 6" X 8" X 6'-0" SHALL BE FURNISHED AND PLACED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.



PLAN

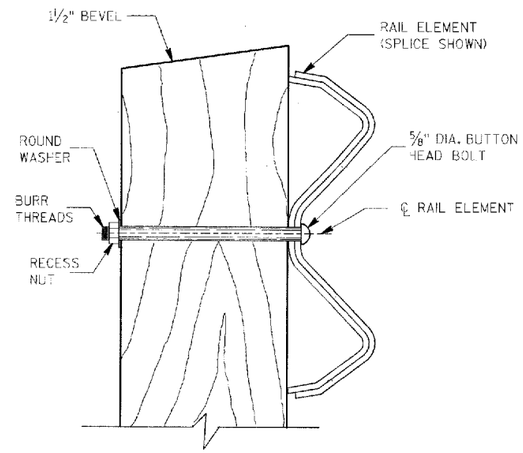


FRONT ELEVATION

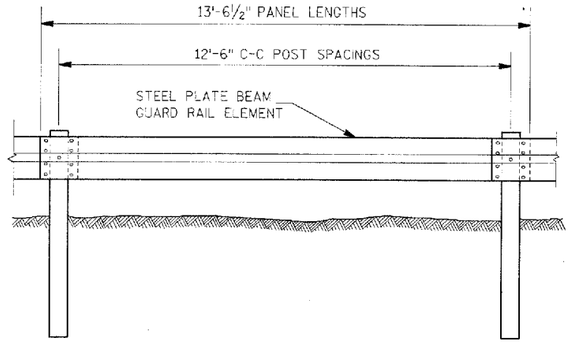
END SECTION (ROUNDED) DETAILS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

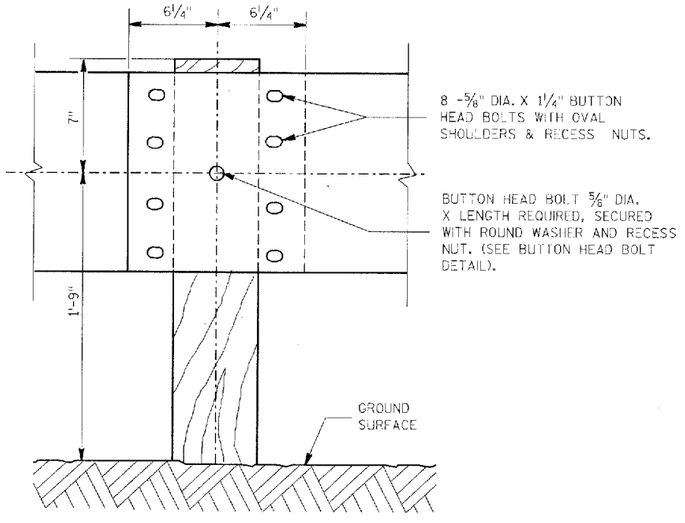


BUTTON HEAD BOLT DETAIL

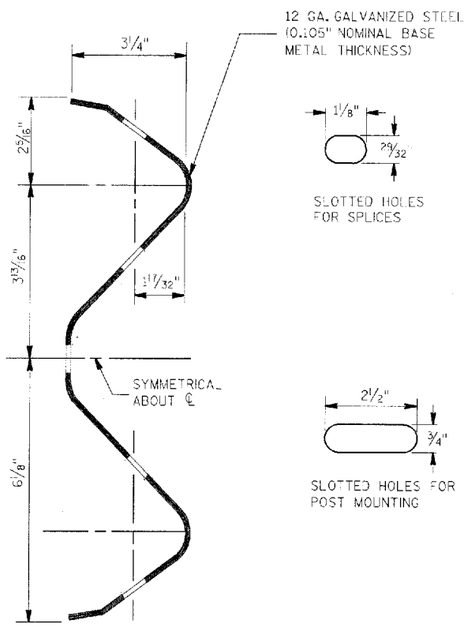


FRONT VIEW

POST DETAIL



RAIL ELEMENT SPLICING AND POST MOUNTING DETAIL



SECTION THRU RAIL ELEMENT

STEEL PLATE BEAM GUARD CLASS B

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 3-25-85 DATE
CHIEF DESIGN ENGINEER

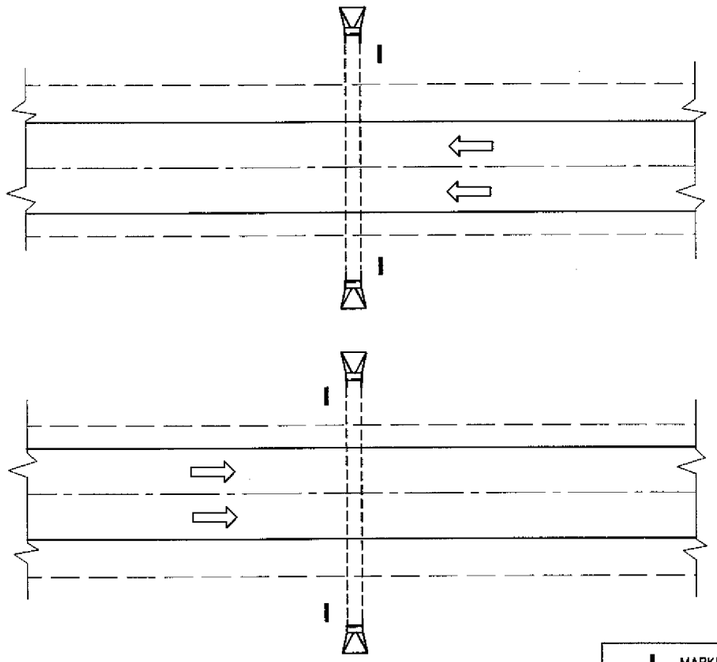
FHWA

S.D.D. 14 B 3-2

S.D.D. 14 B 3-2

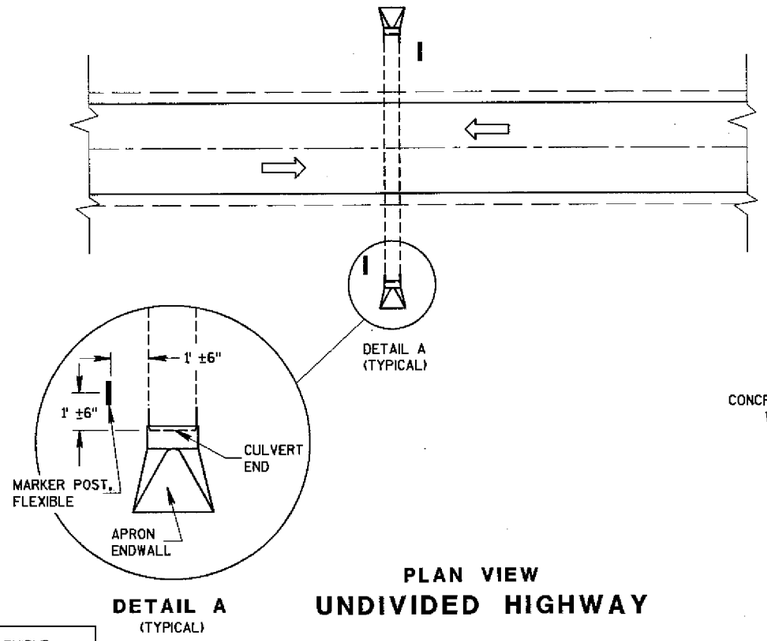
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

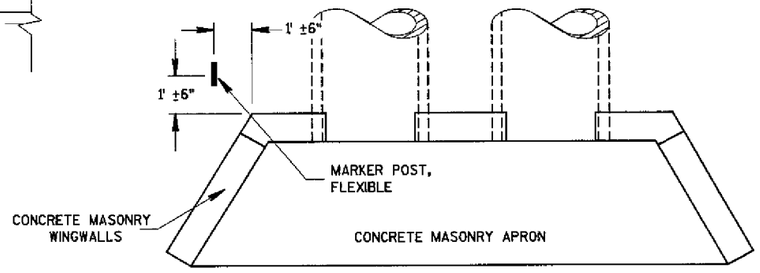
PLAN VIEW

UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

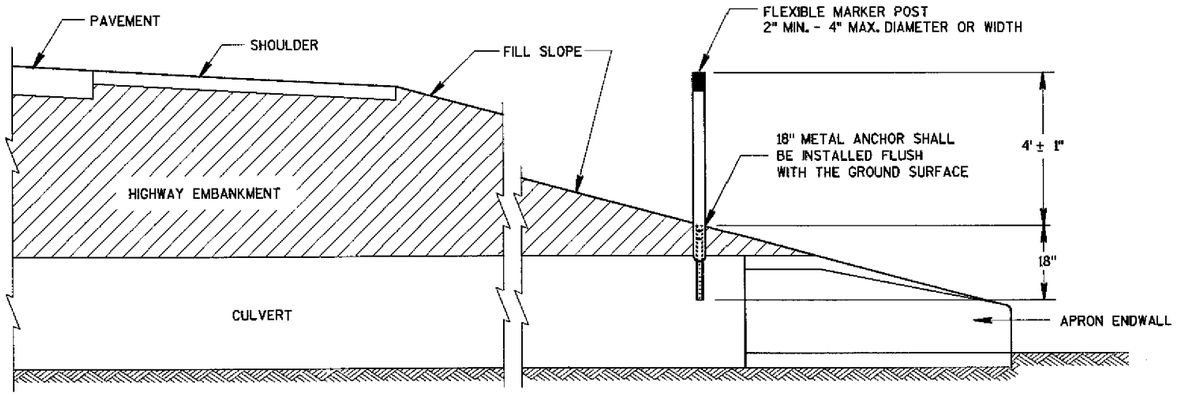
DIRECTION OF TRAFFIC FLOW

FLEXIBLE MARKER POST LOCATION



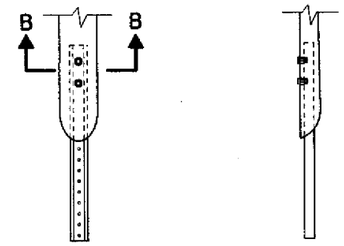
PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH



CROSS SECTION

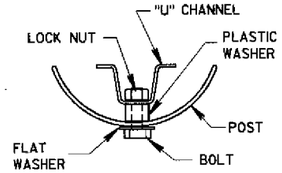
FLEXIBLE MARKER POST



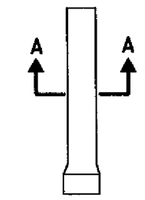
FRONT VIEW

SIDE VIEW

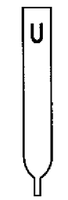
CURVED MARKER



SECTION B-B

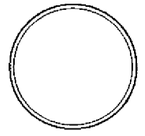


FRONT VIEW



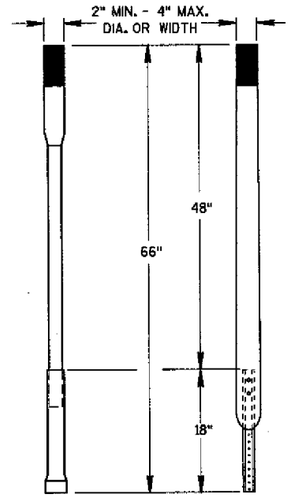
SIDE VIEW

ROUND MARKER



SECTION A-A

FLEXIBLE MARKER POST ANCHORS



ALTERNATE 1 ALTERNATE 2

FLEXIBLE MARKER POST

MARKER POST, FLEXIBLE, FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 10/01/98 DATE

CHIEF ROADWAY DEVELOPMENT ENGINEER

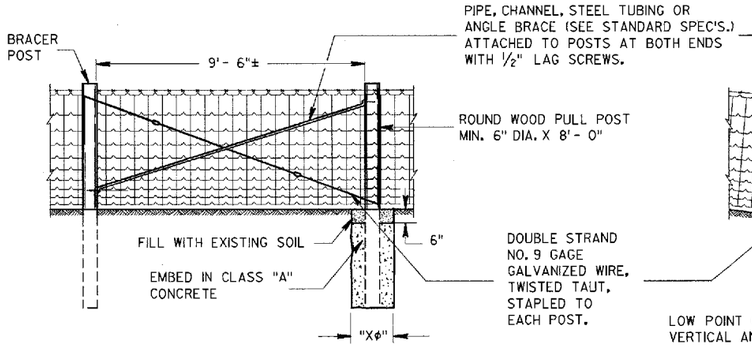
FHWA

S.D.D. 15 A 3-1

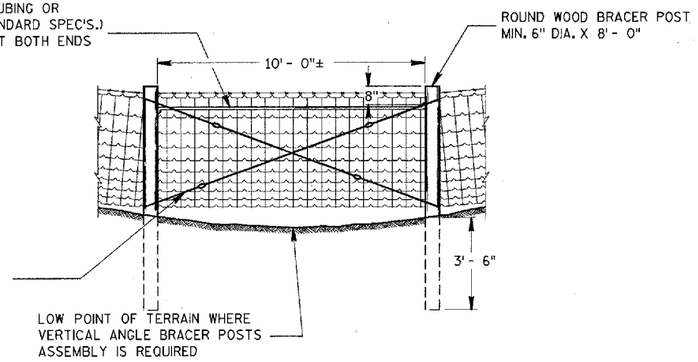
S.D.D. 15 A 3-1

NOTE: PULL OR STRETCHER POST ASSEMBLIES SHALL BE PLACED MIDWAY BETWEEN END POSTS AND CORNER POSTS WHERE A RUN OF FENCE EXCEEDS 660' BUT IS LESS THAN 1,320'. FOR RUNS OF FENCE IN EXCESS OF 1,320' MAXIMUM SPACING OF PULL OR STRETCHER POST ASSEMBLIES SHALL BE 660'± C-C.

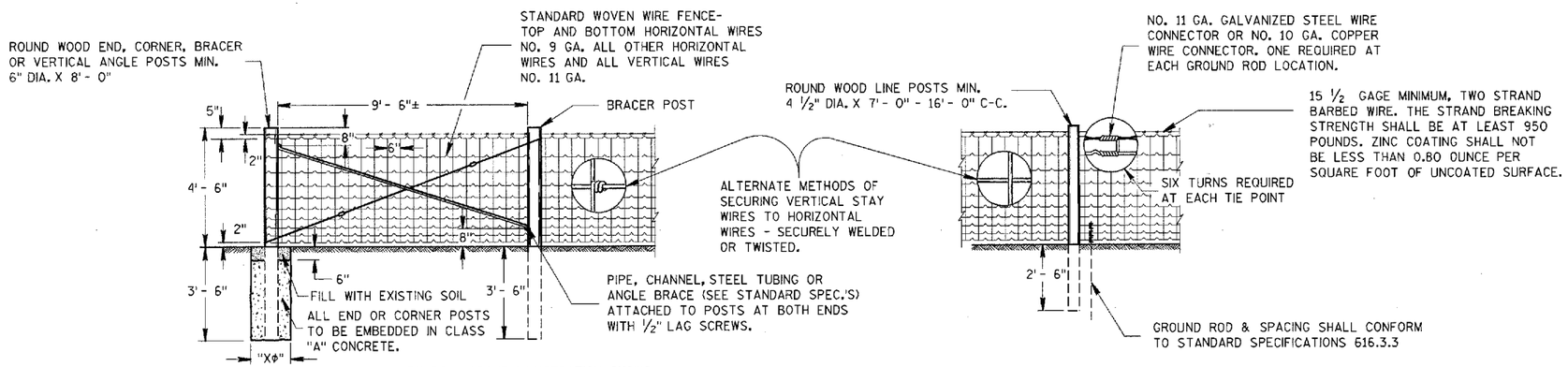
ILLUSTRATION SHOWS POSITION OF STANDARD STEEL BRACE, DOUBLE STRAND GALVANIZED WIRE, AND THE POST TO BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM LEFT TO RIGHT. THE BRACES SHALL BE POSITIONED ON THE OPPOSITE DIAGONALS AND THE OPPOSITE POST SHALL BE EMBEDDED IN CONCRETE WHEN WIRE FENCE IS INSTALLED FROM RIGHT TO LEFT.



PULL OR STRETCHER POSTS ASSEMBLY



VERTICAL ANGLE BRACER POSTS ASSEMBLY



NOTE: FENCE CORNERS - ABOVE ILLUSTRATION SHOWS ONE LEG OF FENCE CONSTRUCTION AT FENCE CORNER. THE CONTIGUOUS LEG TO BE IDENTICAL CONSTRUCTION.

END OR CORNER POSTS ASSEMBLY

LINE FENCE CONSTRUCTION

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN HEREON SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

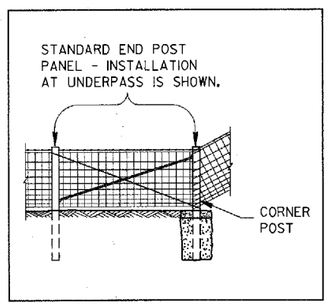
"Xϕ" = DIAMETER OF THE POST PLUS 12".

FENCE STAPLES SHOULD NEVER BE DRIVEN VERTICALLY INTO WOOD POSTS (WITH BOTH LEGS PARALLEL WITH THE WOOD GRAIN). DOING SO CAN SEPARATE THE GRAIN AND SIGNIFICANTLY REDUCE THE HOLDING POWER. ROTATING THE STAPLES SLIGHTLY OFF VERTICAL STRADDLES THE GRAIN AND PROVIDES MORE RESISTANCE TO PULL-OUT.

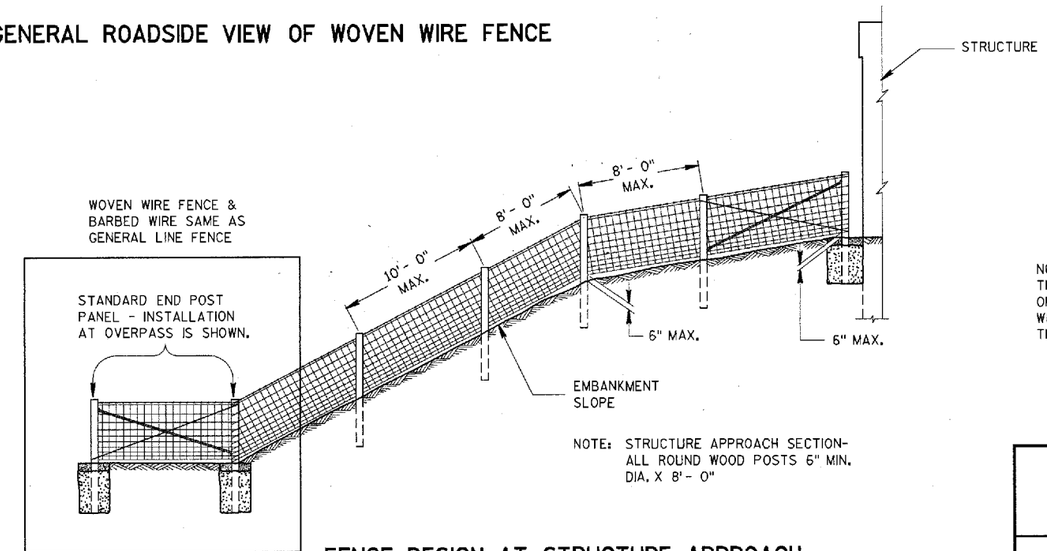
DO NOT STAPLE WIRE TIGHT TO THE LINE POSTS. ALLOW MOVEMENT OF WIRE FOR EXPANSION AND CONTRACTION. STAPLE ARRANGEMENT SHALL BE THE SAME FOR ALL OTHER POSTS EXCEPT THAT THEY SHALL BE DRIVEN TIGHT TO POSTS. ALL STAPLES SHALL BE 2" X 9 GAGE AND SHALL BE MANUFACTURED FROM GALVANIZED WIRE OR HOT DIP GALVANIZED AFTER FORMING. STAPLES SHALL HAVE SLASH-CUT POINTS.

FENCE SHALL BE LOCATED 3'-0" INSIDE THE RIGHT OF WAY LINE UNLESS OTHERWISE INDICATED ON THE PLANS.

GENERAL ROADSIDE VIEW OF WOVEN WIRE FENCE



ALTERNATE FENCE DESIGN AT STRUCTURE



NOTE: STRUCTURE APPROACH SECTION- ALL ROUND WOOD POSTS 6" MIN. DIA. X 8' - 0"

FENCE DESIGN AT STRUCTURE APPROACH

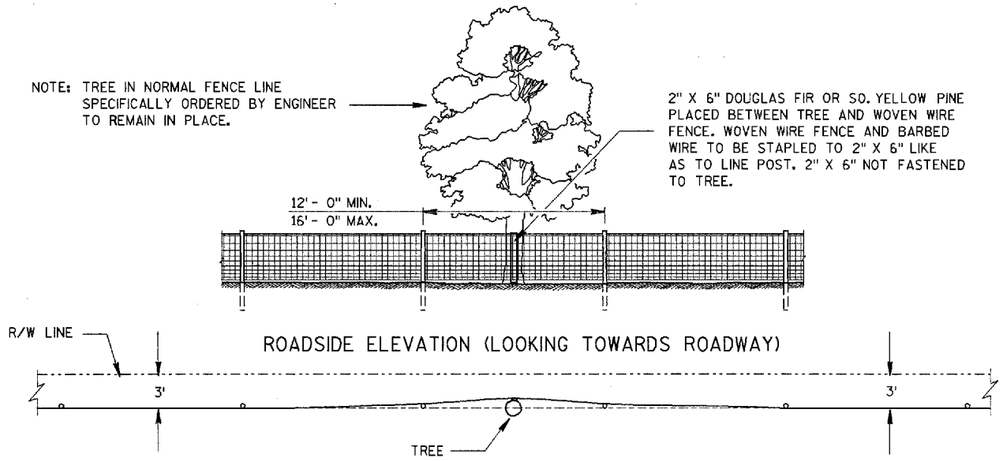
NOTE:
THIS STANDARD DETAIL DRAWING CONSISTS OF TWO PLATES AND BOTH ARE REQUIRED WHEN THIS STANDARD IS CALLED FOR IN THE PLANS.

WOVEN WIRE FENCE

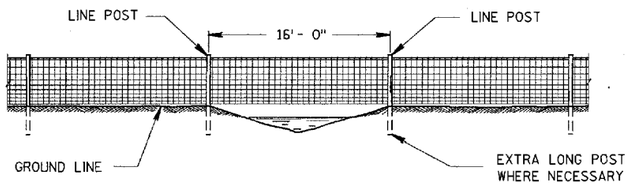
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D.15 B 1-7a

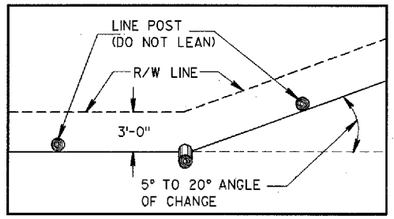
S.D.D.15 B 1-7a



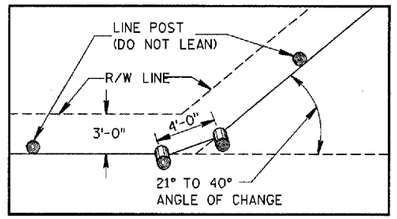
FENCE DESIGN AT TREES REMAINING IN NORMAL FENCE LINE



FENCE CONSTRUCTION OVER STREAM COURSES OF 15 FT. OR LESS IN WIDTH



PLAN VIEW
SINGLE POST CORNER

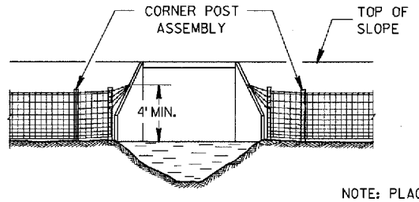


PLAN VIEW
DOUGLE POST CORNER

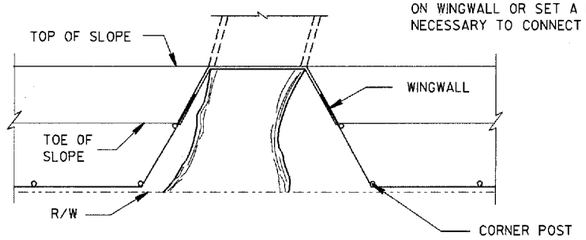
RIGHT OF WAY LINE CHANGE 40° AND LESS

NOTE: SINGLE AND DOUBLE POSTS SHALL BE A MIN. 6" DIA. X 8'-0" WITH A LEAN OF 4" TOWARD THE OUTSIDE OF THE CURVE.

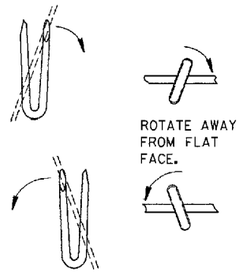
WHEN THE RIGHT OF WAY LINE CHANGE IS MORE THAN 40° USE THE CORNER OR STRETCHER POSTS ASSEMBLY.



NOTE: PLACE A MINIMUM OF 4 STRANDS OF BARBED WIRE, 6" MAXIMUM CENTERS IN FAN SHAPE CONNECTED TO AN EYE BOLT ON WINGWALL OR SET A LONE POST WHEN NECESSARY TO CONNECT BARBED WIRE.

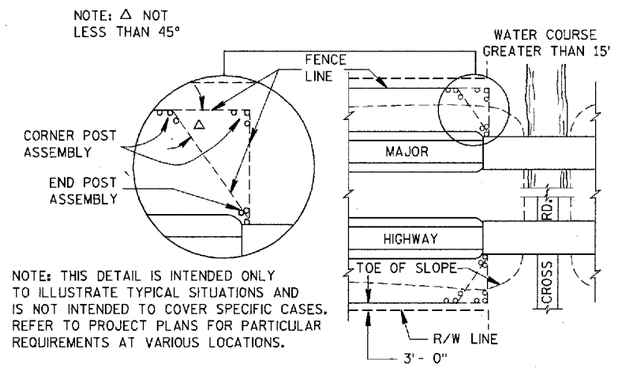


FENCE INSTALLATION TO WINGWALLS

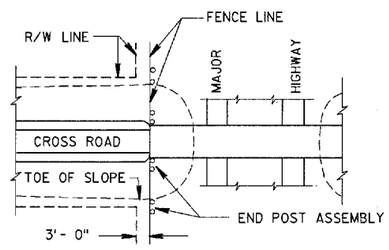


LINE POST

NOTE:
THIS STANDARD DETAIL DRAWING CONSISTS OF TWO PLATES AND BOTH ARE REQUIRED WHEN THIS STANDARD IS CALLED FOR IN THE PLANS.



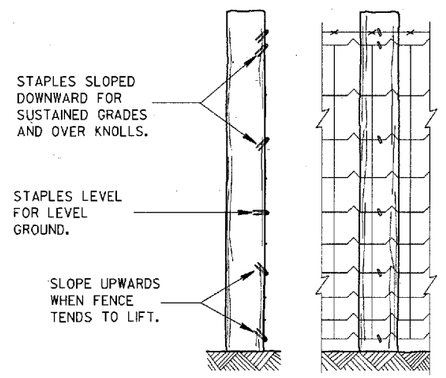
PLAN VIEW
MAJOR HIGHWAY OVERPASS OR STREAM COURSE CROSSING OF GREATER THAN 15 FT. IN WIDTH



PLAN VIEW
MAJOR HIGHWAY UNDERPASS

FENCE LOCATION AT STRUCTURES

NOTE: WHEN POSTS ARE DRIVEN THE SMALL END SHALL BE DOWN.



END ELEVATION

FARM SIDE ELEVATION

FENCE MOUNTING DETAIL

WOVEN WIRE FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

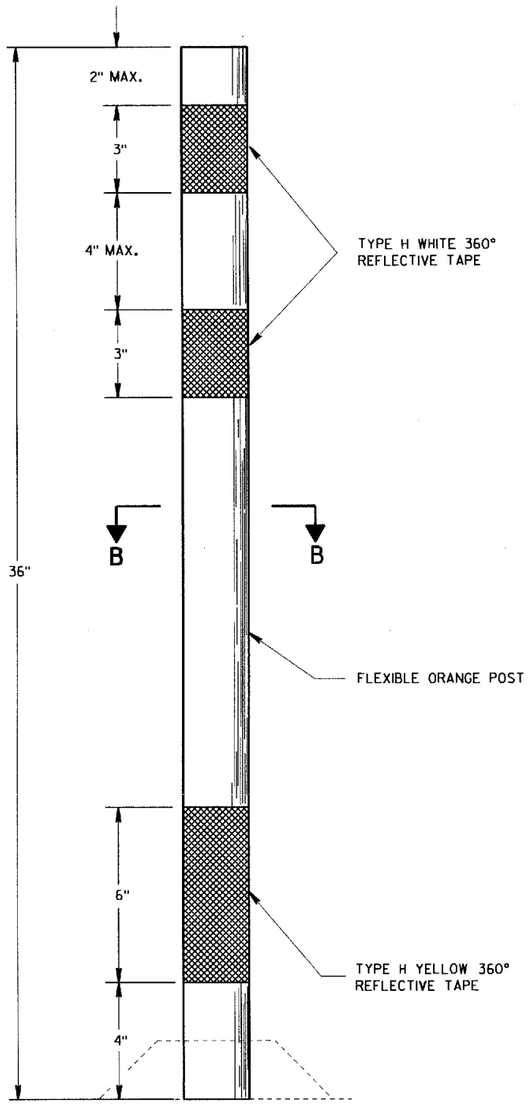
APPROVED
12-26-85
DATE

STATE DESIGN ENGINEER FOR HWYS

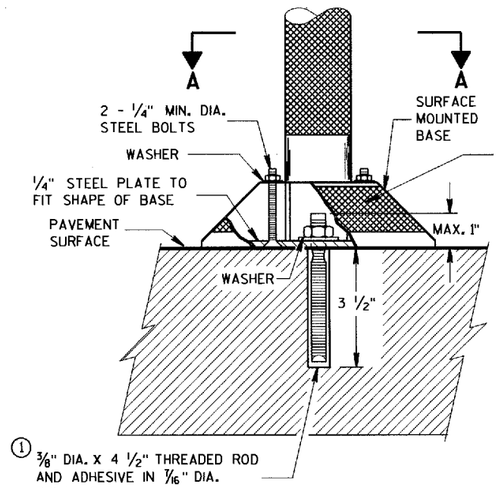
FHWA

S.D.D.15 B 1-7b

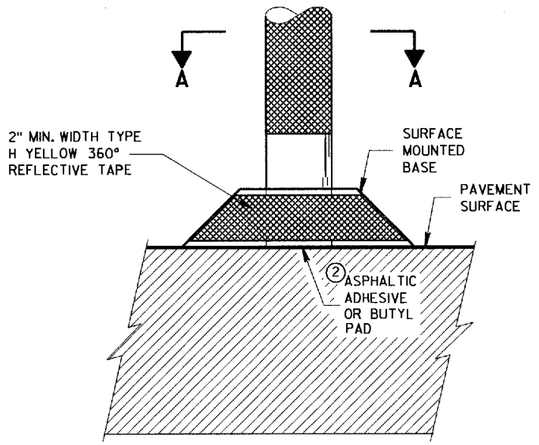
S.D.D.15 B 1-7b



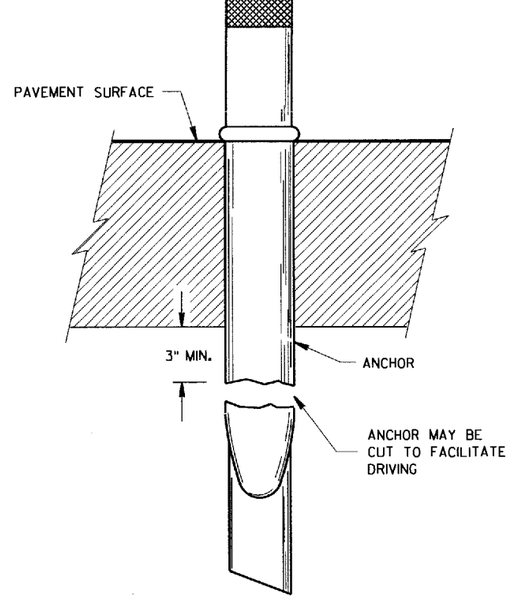
FLEXIBLE TUBULAR MARKER POST

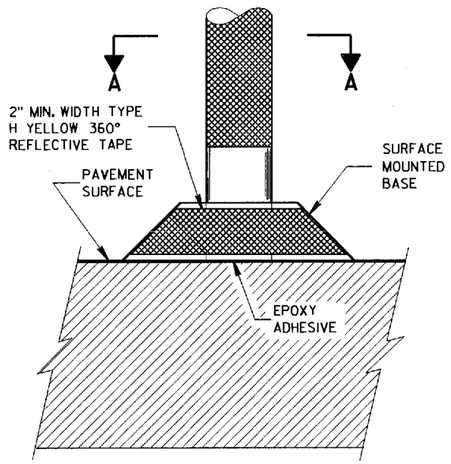


PARTIAL SECTION TO SHOW BOLTS



POST BASES ON NEW OR EXISTING PAVEMENT





POST ANCHOR AND BASE ON PAVEMENT WHICH WILL BE REMOVED

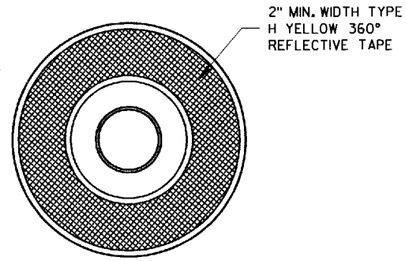
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

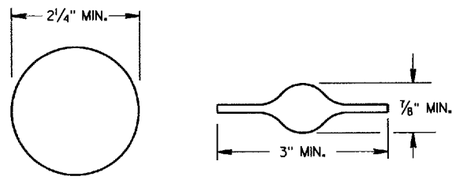
① THREADED ROD SHALL BE MACHINED DOWN TO 0.280 INCH DIA. 1 1/4 INCHES FROM THE TOP.

② THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



SECTION A-A

SURFACE MOUNTED BASE



SECTION B-B

ALTERNATIVE SHAPES

FLEXIBLE TUBULAR MARKER POST, ANCHOR & BASES

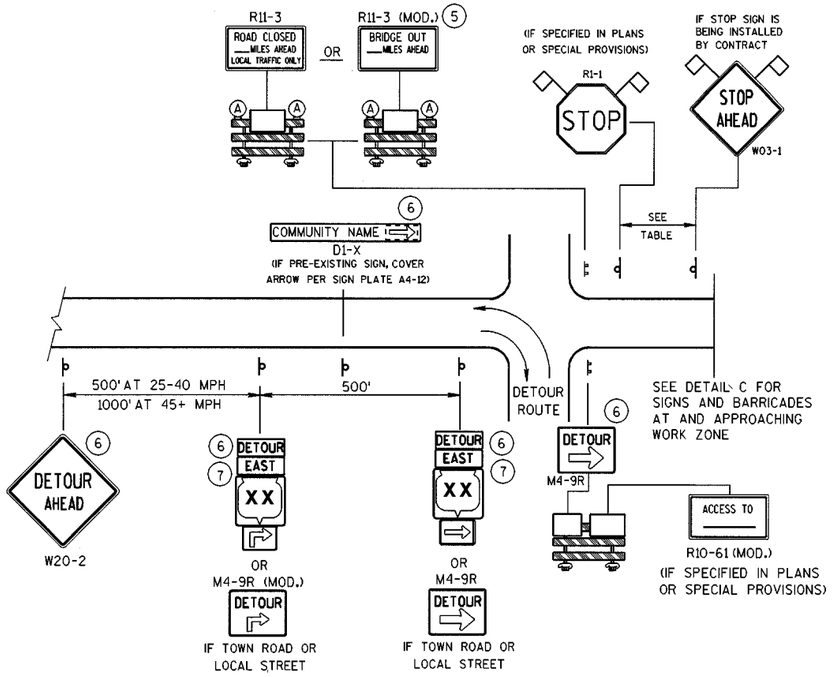
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 2/17/94 DATE
Bette T. Rusch
STATE TRAFFIC ENGINEER FOR HWYS

FHWA

S.D.D. 15 C 11-5

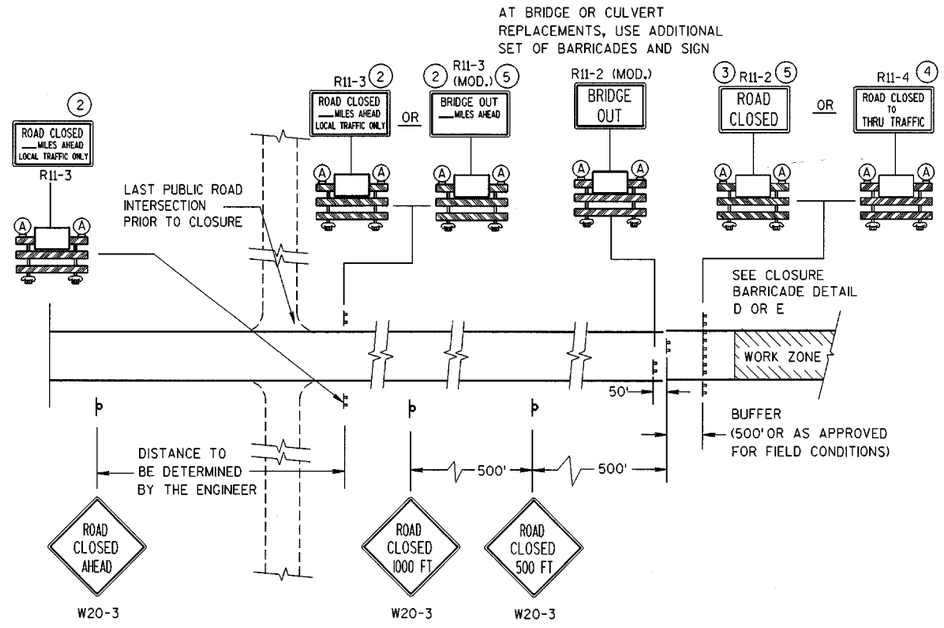
S.D.D. 15 C 11-5



DETAIL A

MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

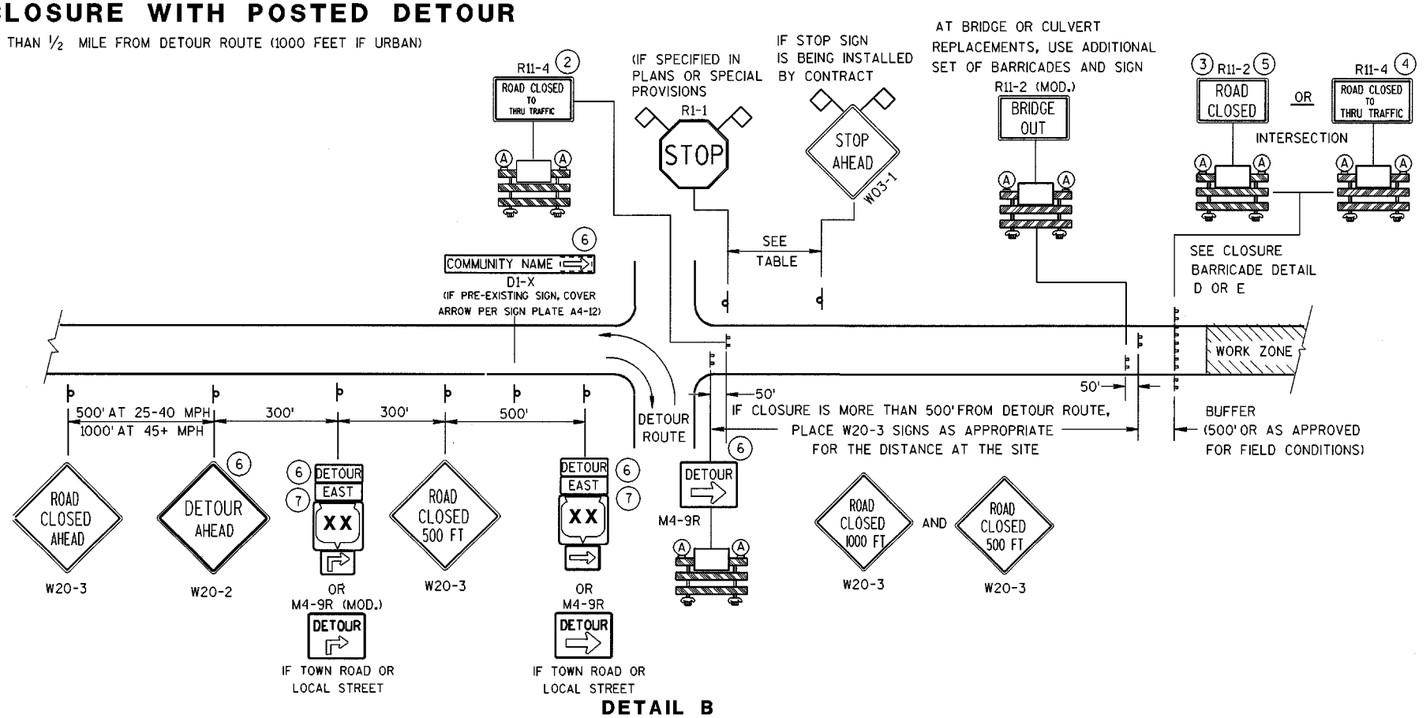


DETAIL C

MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-4b FOR GENERAL NOTES AND FOOTNOTES ① THROUGH ⑦



DETAIL B

MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

LEGEND

- POST MOUNTED SIGN
- TYPE III BARRICADES
- (A) TYPE "A" LOW INTENSITY FLASHING WARNING LIGHT (FOR NIGHT USE)
- WORK ZONE
- DETOUR EAST — M4-8, M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

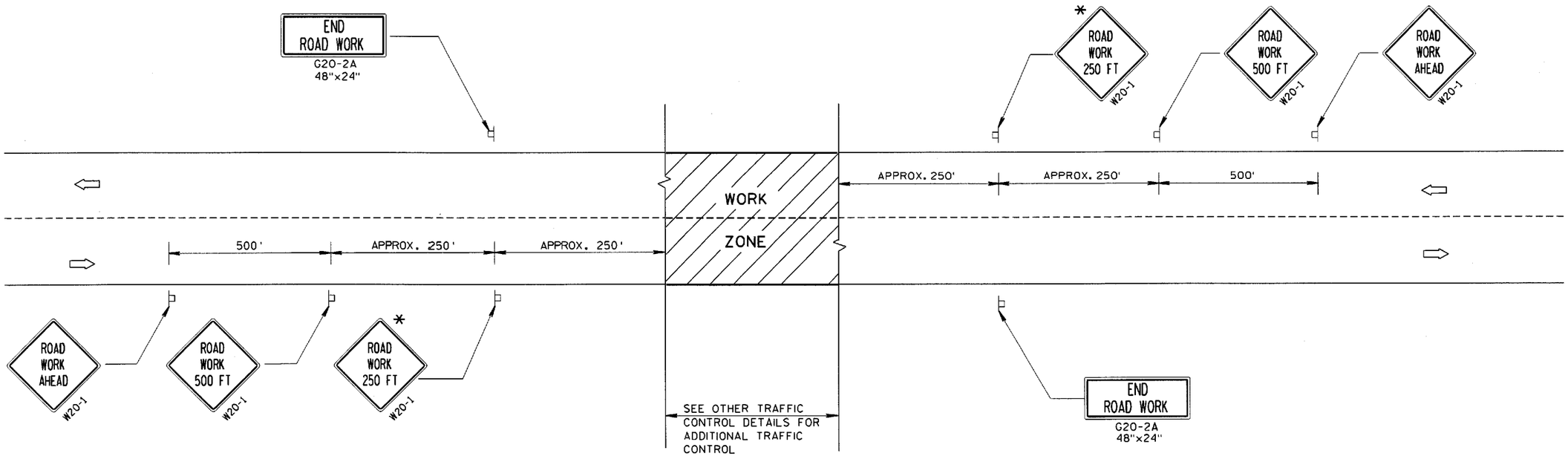
6

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

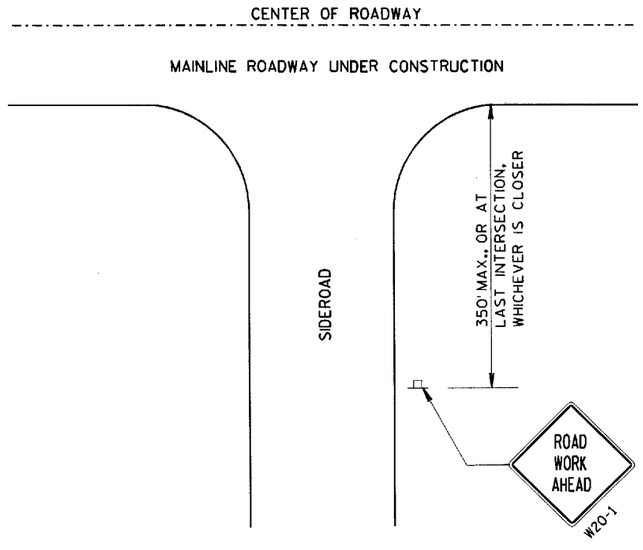
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D. 15 C 2-4a

S.D.D. 15 C 2-4a



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL



GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"×48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"×36" SIGNS MAY BE USED INSTEAD OF 48"×48" SIGNS, IF APPROVED BY DISTRICT TRAFFIC UNIT.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.

LEGEND

- POST MOUNTED SIGN
- DIRECTION OF TRAFFIC FLOW

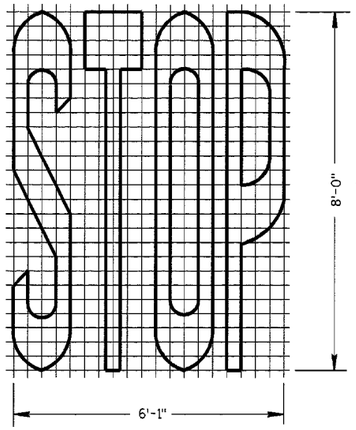
TRAFFIC CONTROL,
ADVANCE WARNING SIGNS
40 M.P.H. OR LESS
TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

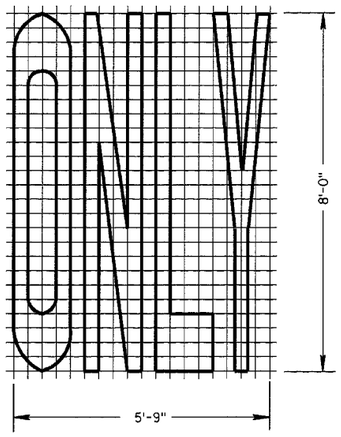
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

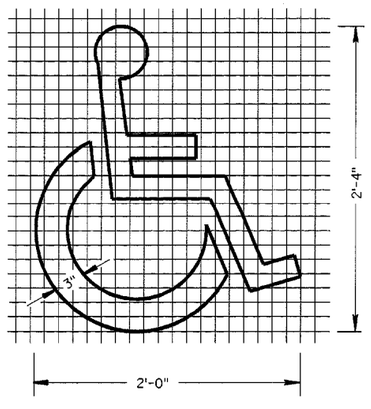
APPROVED
5/23/00 DATE
Chester J. Spong
CHIEF SIGNS AND MARKING ENGINEER
FHWA

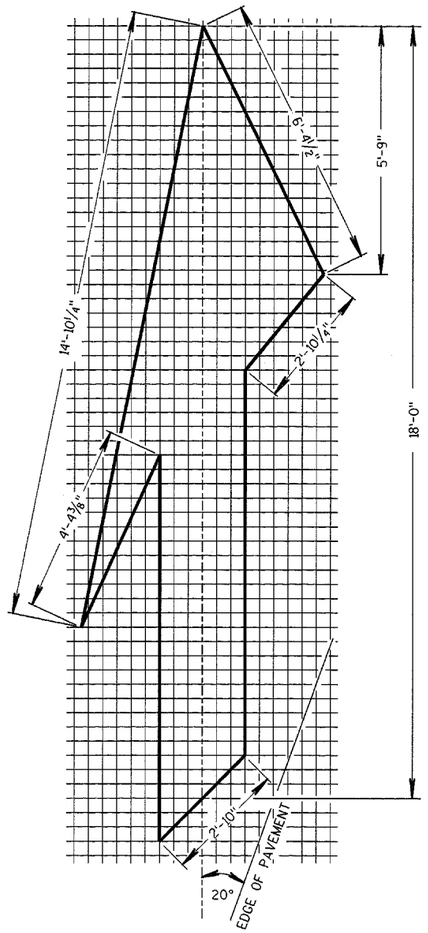
S.D.D. 15 C 5-1

S.D.D. 15 C 5-1

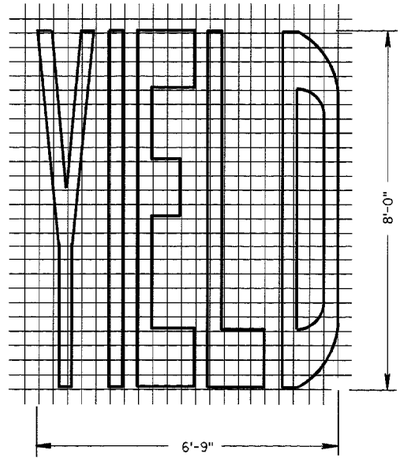


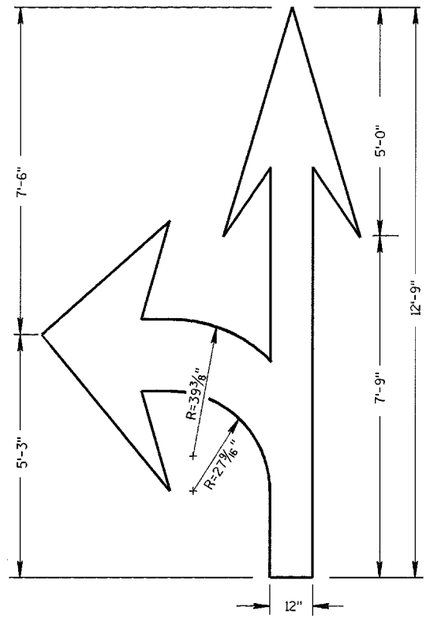




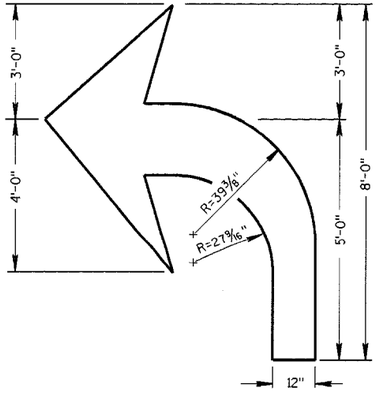


TYPE 5 LANE DROP ARROW

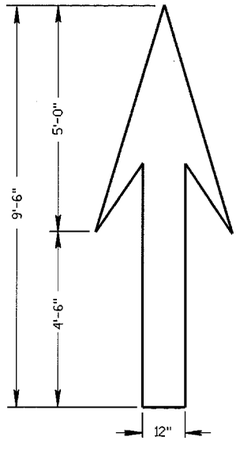




TYPE 3



TYPE 2



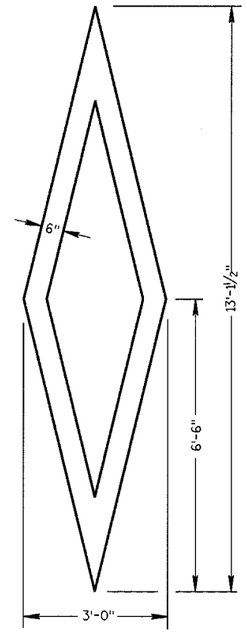
TYPE 1

GENERAL NOTES

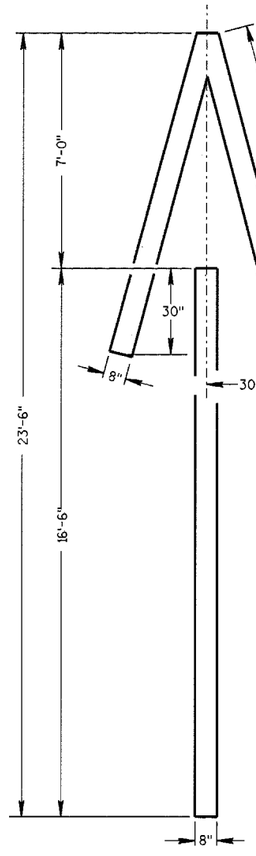
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

ALL LETTERS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED.

A DETAILED DRAWING OF THE HANDICAPPED PARKING SYMBOL IS ILLUSTRATED IN THE "STANDARD HIGHWAY SIGNS MANUAL" BY THE FEDERAL HIGHWAY ADMINISTRATION.



PREFERENTIAL LANE SYMBOL



TYPE 4

6

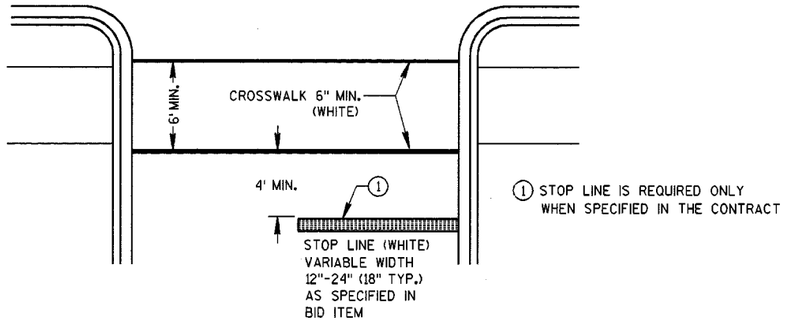
PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

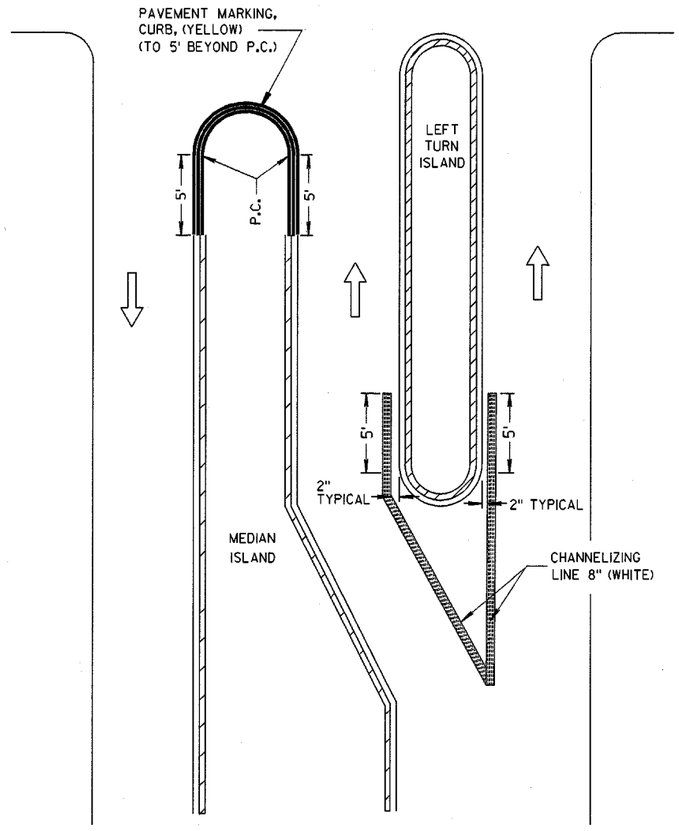
APPROVED
3-18-03 DATE
Deborah D. Kyrl for CHIEF SIGNS AND MARKING ENGINEER
FHWA

S.D.D. 15 C 7-6a

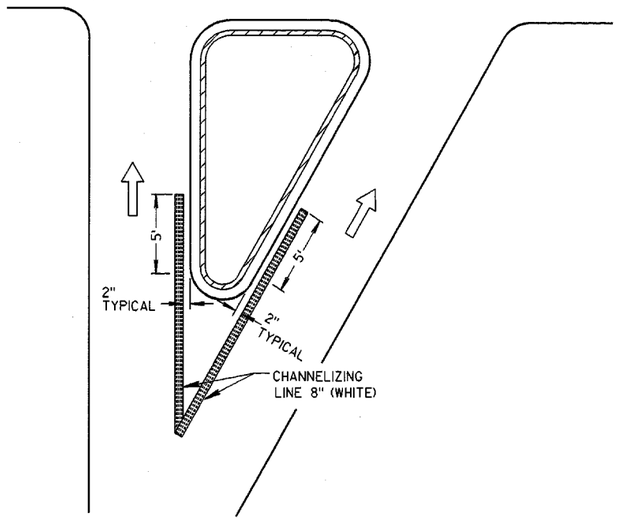
S.D.D. 15 C 7-6a



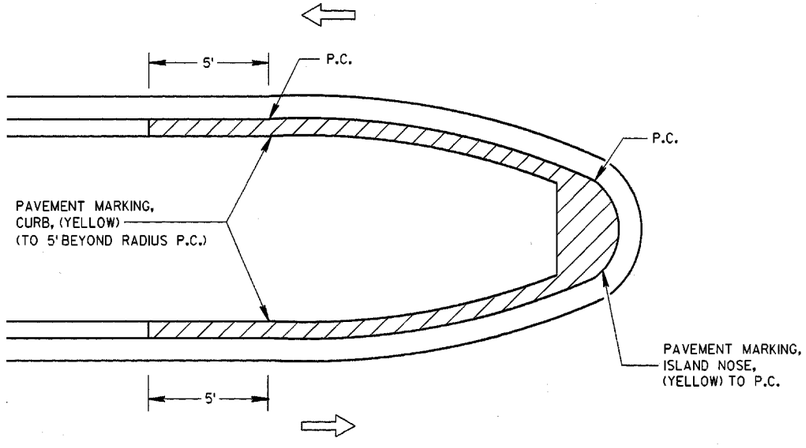
STOP LINE AND CROSSWALK



LEFT TURN & MEDIAN ISLAND



RIGHT TURN ISLAND



MEDIAN ISLAND WITH SLOPED NOSE

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL

PAVEMENT MARKING
(ISLANDS, STOP LINE &
CROSS WALK)

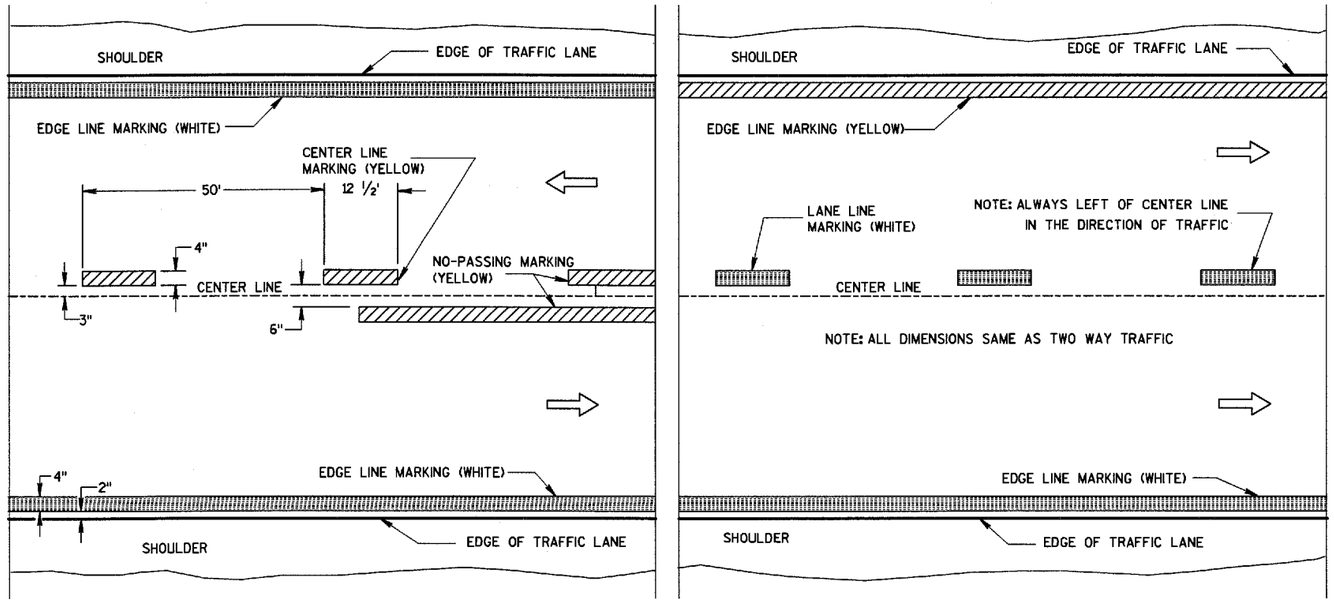
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
1-16-03 DATE
Deborah T. Kozal for
CHIEF SIGNS AND MARKING ENGINEER
FHWA

6

S.D.D. 15 C 8-10e

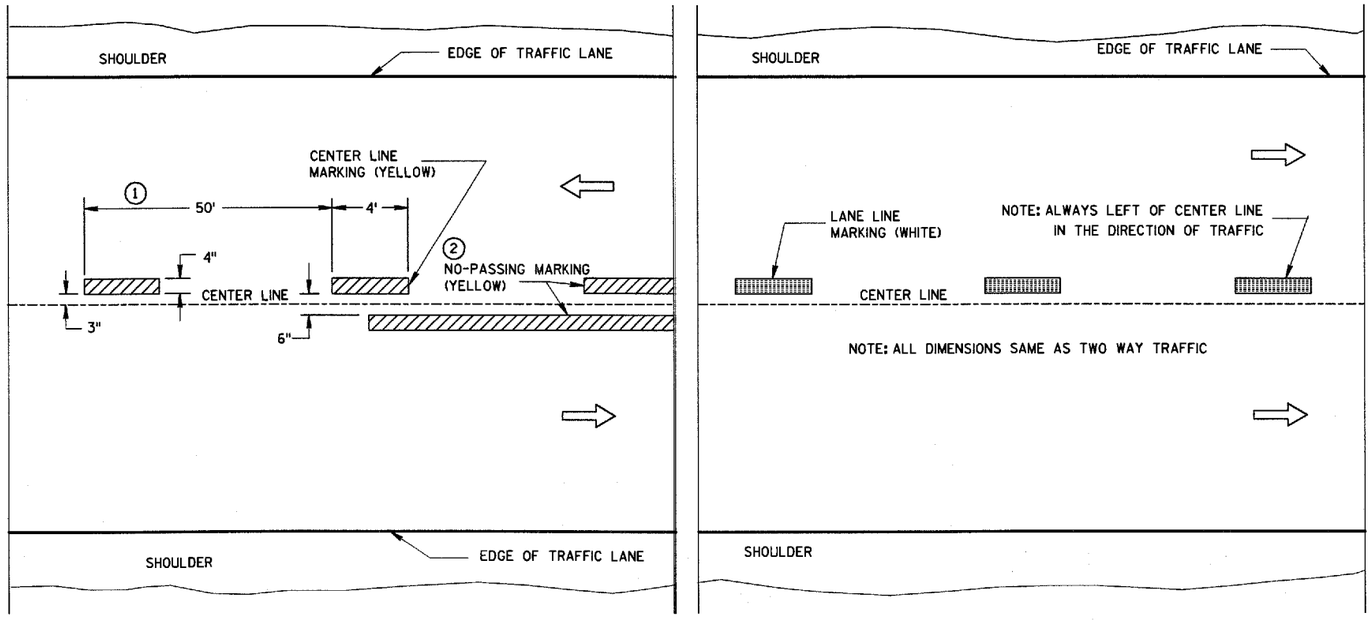
S.D.D. 15 C 8-10e



TWO WAY TRAFFIC

ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC

ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

① HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.

② NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

PAVEMENT MARKING
(MAINLINE)

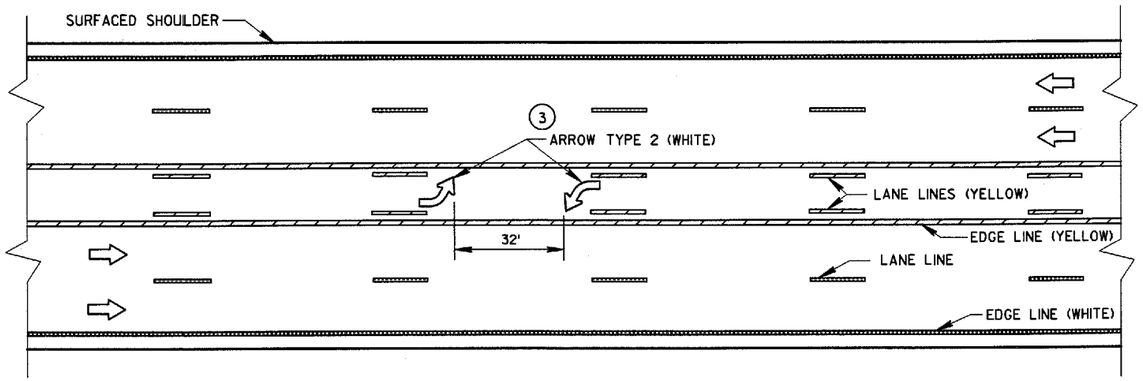
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2-17-00
DATE
Charles J. Sarow
CHIEF SIGNS AND MARKING ENGINEER
FHWA

S.D.D. 15 C 8-9a

S.D.D. 15 C 8-9a

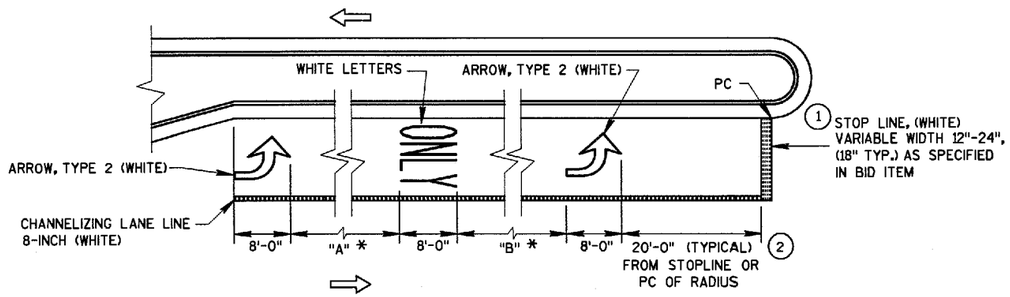
NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TWO WAY LEFT TURN LANE

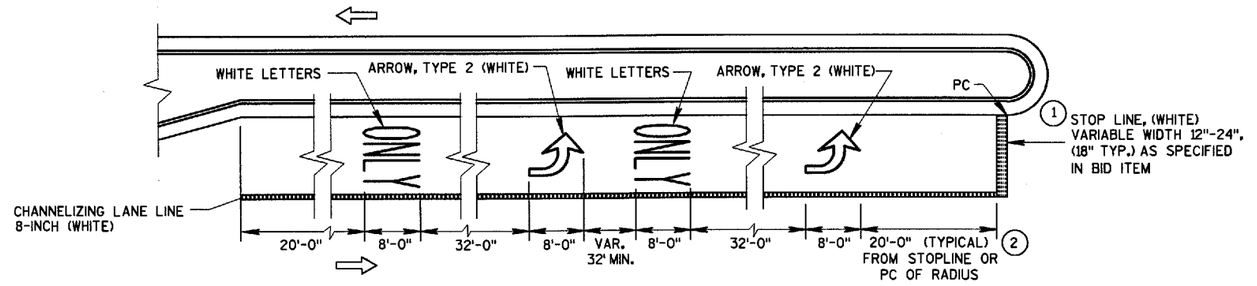
NOTES:

1. STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
2. DISTANCE MAY BE ADJUSTED TO ACCOMODATE SHORT LEFT TURN LANES. AS APPROVED BY THE ENGINEER.
3. A SET OF ARROWS IS REQUIRED EVERY 400'OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

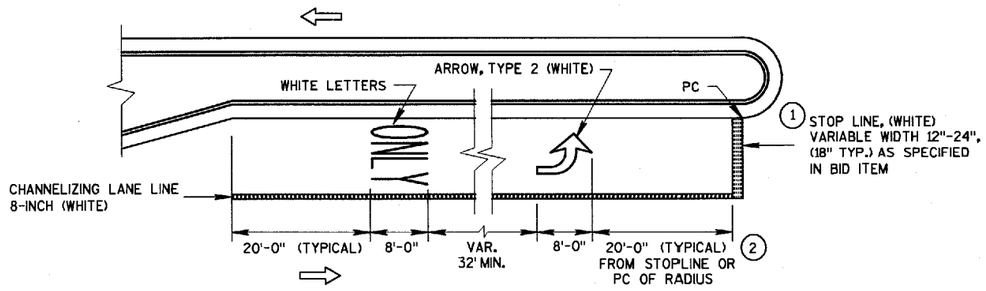


*VARIABLE, 32' MIN.
"A" = "B" (TYPICAL)

LEFT TURN LANE
(LENGTH 108' TO 167')



LEFT TURN LANE
(LENGTH OVER 167')



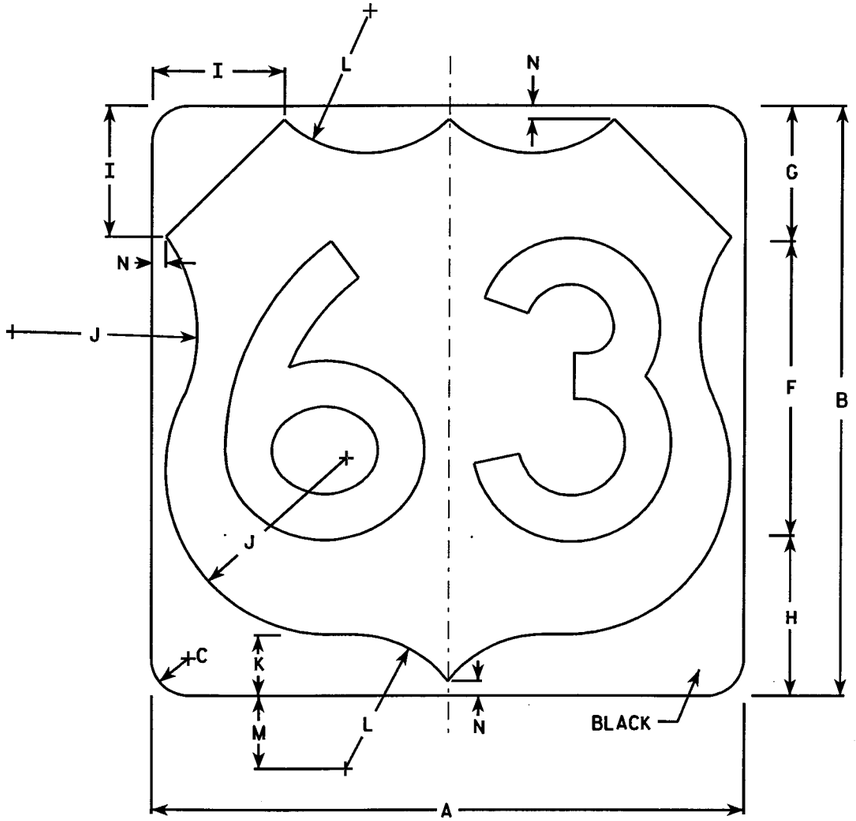
LEFT TURN LANE
(LENGTH UNDER 108')

PAVEMENT MARKING
(LEFT TURN LANE)

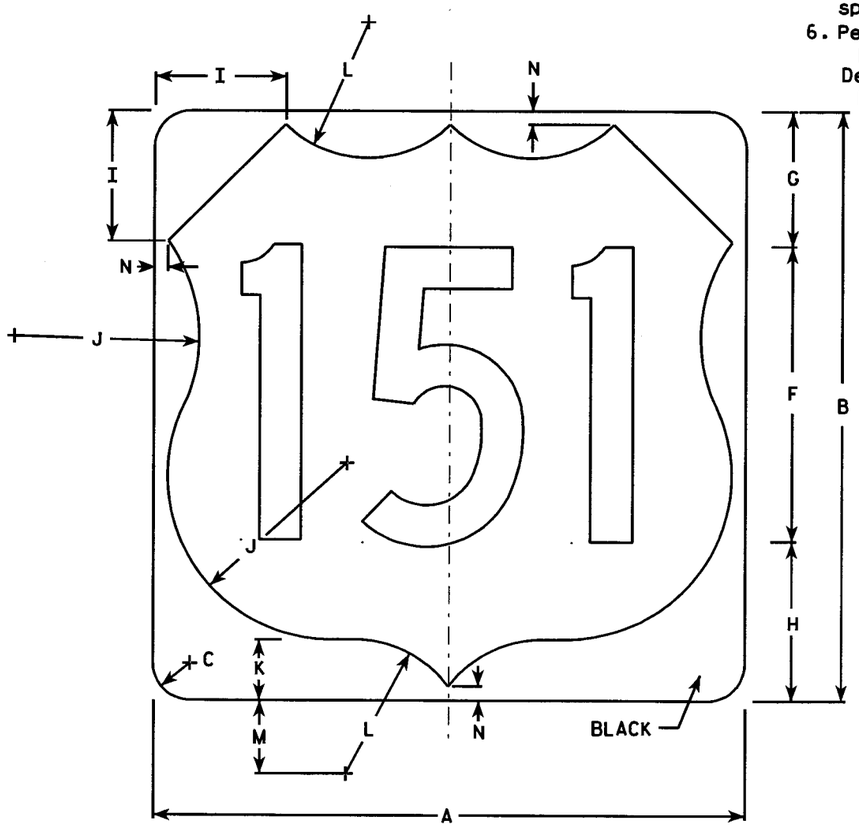
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D. 15 C 8-9d

S.D.D. 15 C 8-9d



M1-4



M1-4

NOTES

1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 6
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and adjust spacing as per Plate A10-1.
6. Permanent Signs
   Background - Type H Reflective
   Detour or other temporary signs
   Background - Reflective

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area sq.
1																												
2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0	.36
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0	.81

USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spagg for State Traffic Engineer

DATE 3/19/02 PLATE NO. M1-4.8

STATE PROJECT NUMBER:

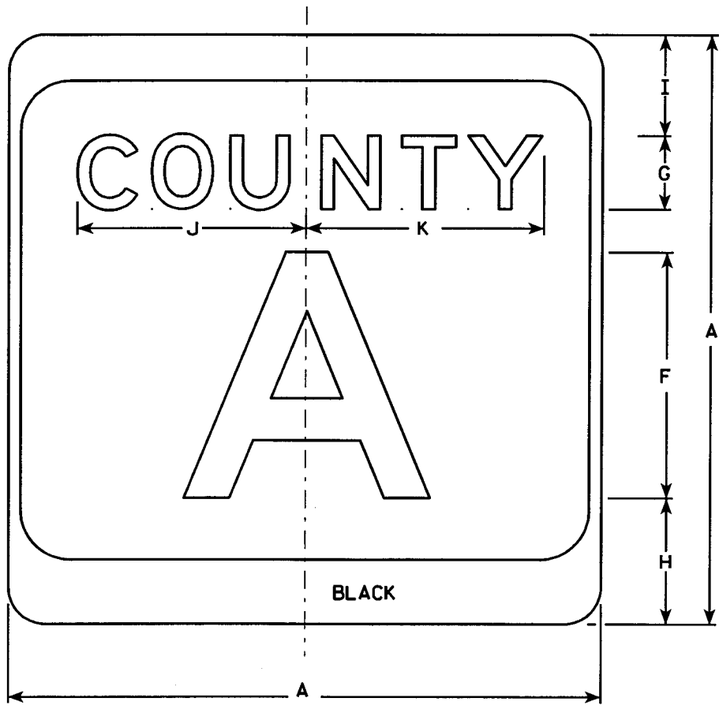
SHEET NO: 180 E

58.59.60.61.62.

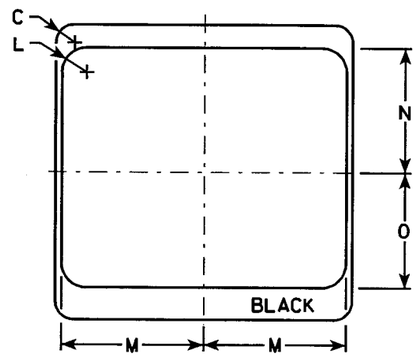
LEVELS ON - 2.3. 5.6. 10.

FILE NAME : d:\Users\Projects\tr_stdplate\M14.DGN PLOT DATE : 19-MAR-2002 11:56 ORG DATE : 1980 Originator : Sandy Anderson

WISDOT/CADDS SHEET 42



M1-5A



NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropirate letters & optically adjust spacing to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1																												
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8												4.0	.36
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14												9.0	.81
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14												9.0	.81
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14												9.0	.81

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chesta J Spege for State Traffic Engineer

DATE 3/20/02 PLATE NO. M1-5A.7

STATE PROJECT NUMBER:

SHEET NO: 181 E

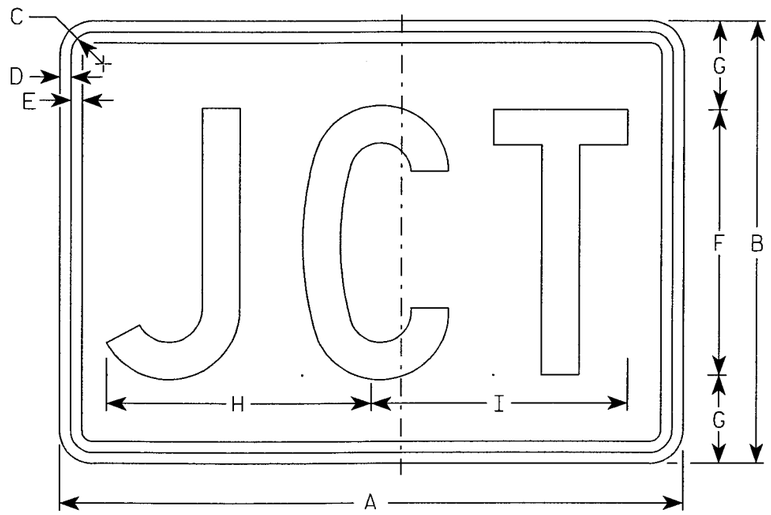
7

58,59,60,61,62,63

LEVELS ON • 2,3, 5,6, 10,

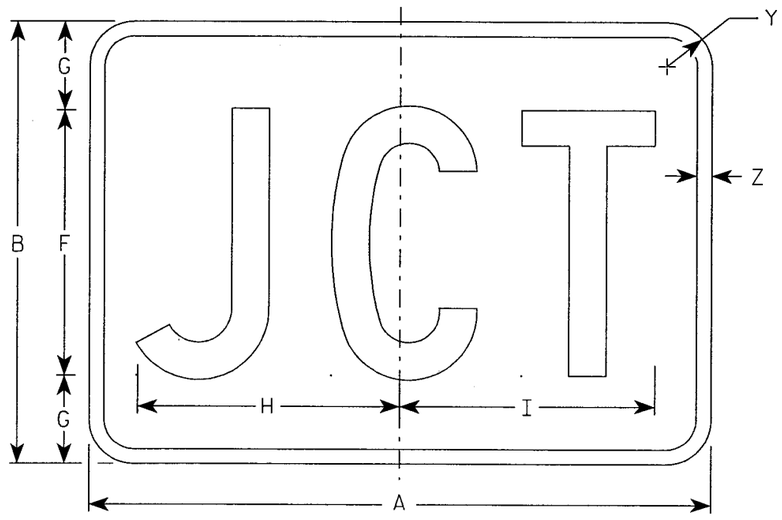
FILE NAME : d:\Users\Projects\tr_stdplate\M15A.DGN PLOT DATE : 20-MAR-2002 08:59 ORG DATE : 1980 Originator : Sandy Anderson

WISDOT/CADDS SHEET 42



M2-1
MK2-1
MM2-1*
MR2-1

*See Note 6



MB2-1
MG2-1
MN2-1

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M2-1 Background - White - Type H Reflective
   (Detour or temporary Signs - Reflective)
   Message - Black
   MB2-1 Background - Blue
   Message - White - Type H Reflective
   (Detour or temporary Signs - Reflective)
   MG2-1 Background - Green
   Message - White - Type H Reflective
   MK2-1 Background - Green
   Message - White - Type H Reflective
   MM2-1 Background - White - Type H Reflective
   Message - Green
   MN2-1 Background - Brown
   Message - White - Type H Reflective
   MR2-1 Background - Brown
   Message - Yellow - Type H Reflective
6. Border shall be omitted on MM2-1.

Metric equivalent for this sign is:

SIZE	
1	
2	525 mm X 375 mm
3	750 mm X 525 mm
4	750 mm X 525 mm
5	750 mm X 525 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20	0.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20

STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spanz for State Traffic Engineer

DATE 3/20/02 PLATE NO. M2-1.9

STATE PROJECT NUMBER:

SHEET NO: 182 E

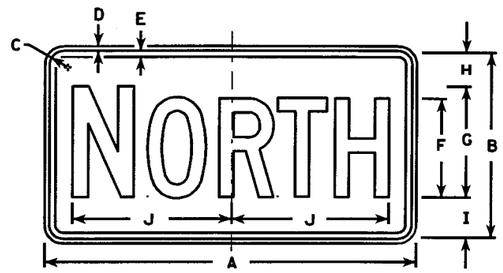
7

58.59.60.61.62.63

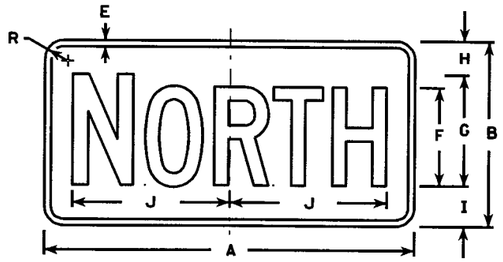
LEVELS ON • 2.3. 5.6. 10.

FILE NAME : d:\Users\Projects\tr_stdplate\M21.DGN PLOT DATE : 03-APR-2002 09:15 ORG DATE : 10/19/00 Originator : Sandy Anderson

WISDOT/CADDS SHEET 42



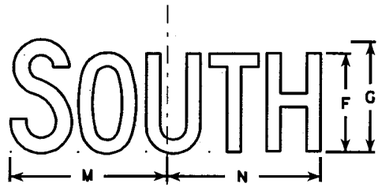
M3-1
MK3-1
MO3-1



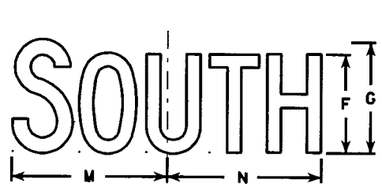
MB3-1
MG3-1
MM3-1*
MN3-1

M3-2
MK3-2
MO3-2

MB3-2
MG3-2
MM3-2*
MN3-2



M3-3
MK3-3
MO3-3



MB3-3
MG3-3
MM3-3*
MN3-3

M3-4
MK3-4
MO3-4

MB3-4
MG3-4
MM3-4*
MN3-4

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 300 mm
3	750 mm X 375 mm
4	750 mm X 375 mm
5	750 mm X 375 mm

NOTES

1. All Signs Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White - Type H Reflective (Detour or temporary signs - Reflective)
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White - Type H Reflective (Detour or temporary signs - Reflective)
   MG3-1 thru MG3-4 Background - Green
   Message - White - Type H Reflective
   MK3-1 thru MK3-4 Background - Green
   Message - White - Type H Reflective
   MM3-1 thru MM3-4 Background - White - Type H Reflective
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White - Type H Reflective
   MO3-1 thru MO3-4 Background - Orange - Reflective
   Message - Black
6. Border shall be omitted on MM series.
7. Note the first letter of each direction is larger than the remainder of the message.

* See Note 6

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	24	12	1 1/8	3/8	1/2	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00	0.18
3	30	15	1 1/8	3/8	1/2	8	9	2 3/4	3 1/4	12 3/4	10 3/8	11 1/8	12 5/8	12 1/2	11 5/8			1 1/2									3.13	0.28
4	30	15	1 1/8	3/8	1/2	8	9	2 3/4	3 1/4	12 3/4	10 3/8	11 1/8	12 5/8	12 1/2	11 5/8			1 1/2									3.13	0.28
5	30	15	1 1/8	3/8	1/2	8	9	2 3/4	3 1/4	12 3/4	10 3/8	11 1/8	12 5/8	12 1/2	11 5/8			1 1/2									3.13	0.28

STANDARD SIGNS
M3-1 thur M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spanz for State Traffic Engineer

DATE 3/20/02 PLATE NO. M3-1.10

STATE PROJECT NUMBER:

SHEET NO: 183 E

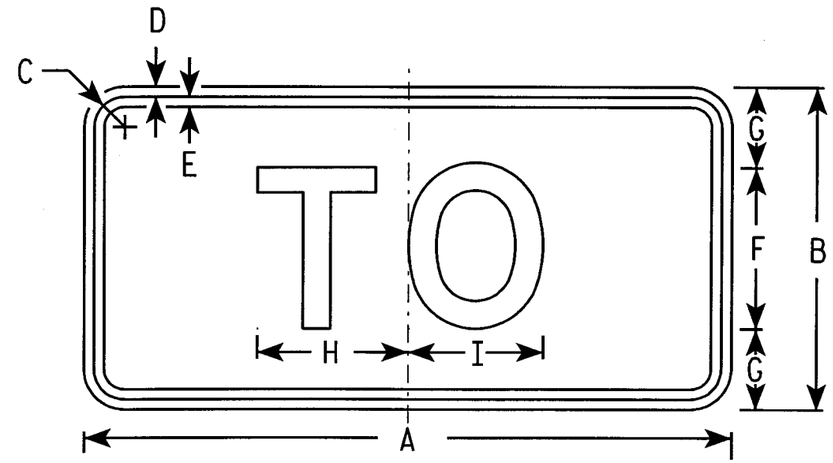
7

58,59,60,61,62,63

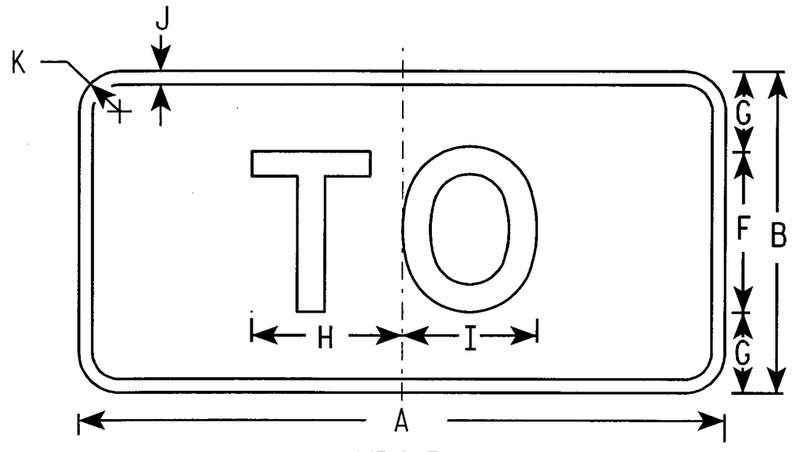
LEVELS ON • 2.3. 5.6. 10.

FILE NAME : d:\Users\Projects\tr_stdplate\M31.DGN PLOT DATE : 20-MAR-2002 09:42 ORG DATE : 1980 Originotor : Sondy Anderson

WISDOT/CADDS SHEET 42



M4-5
MK4-5
MM4-5 *See Note 6



MB4-5
MG4-5
MN4-5

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 Background - White - Type H Reflective
   (Detour or temporary Signs - Reflective)
   Message - Black
   MB4-5 Background - Blue
   Message - White - Type H Reflective
   (Detour or temporary Signs - Reflective)
   MG4-5 Background - Green
   Message - White - Type H Reflective
   MK4-5 Background - Green
   Message - White - Type H Reflective
   MM4-5 Background - White - Type H Reflective
   Message - Green
   MN4-5 Background - Brown
   Message - White - Type H Reflective
6. Border shall be omitted on MM series.

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 300 mm
3	750 mm X 375 mm
4	750 mm X 375 mm
5	750 mm X 375 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1																												
2	24	12	1 1/8	3/8	3/8	6	3	5 5/8	5	1/2	1 1/2																2.00	0.18
3	30	15	1 3/8	3/8	1/2	8	3 1/2	7 1/2	6 5/8	1/2	1 1/2																3.13	0.28
4	30	15	1 3/8	3/8	1/2	8	3 1/2	7 1/2	6 5/8	1/2	1 1/2																3.13	0.28
5	30	15	1 3/8	3/8	1/2	8	3 1/2	7 1/2	6 5/8	1/2	1 1/2																3.13	0.28

STANDARD SIGN
M4-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spong for State Traffic Engineer
DATE 3/20/02 PLATE NO. M4-5.4

STATE PROJECT NUMBER:

SHEET NO: 184 E

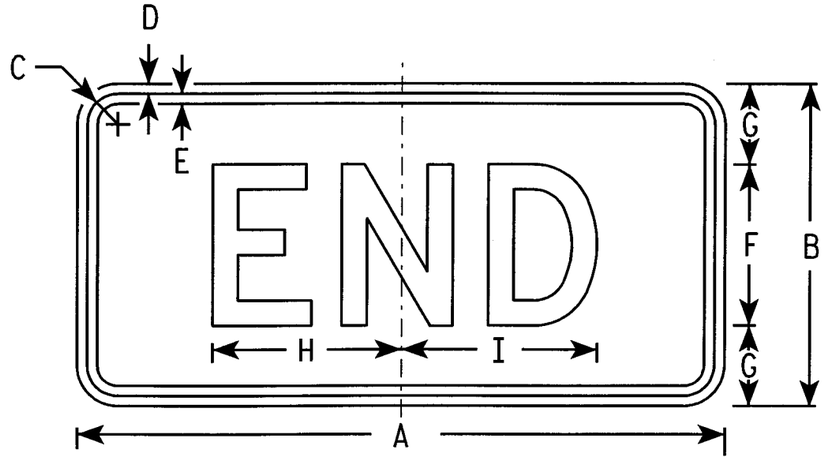
7

50.59.60.61.62.63

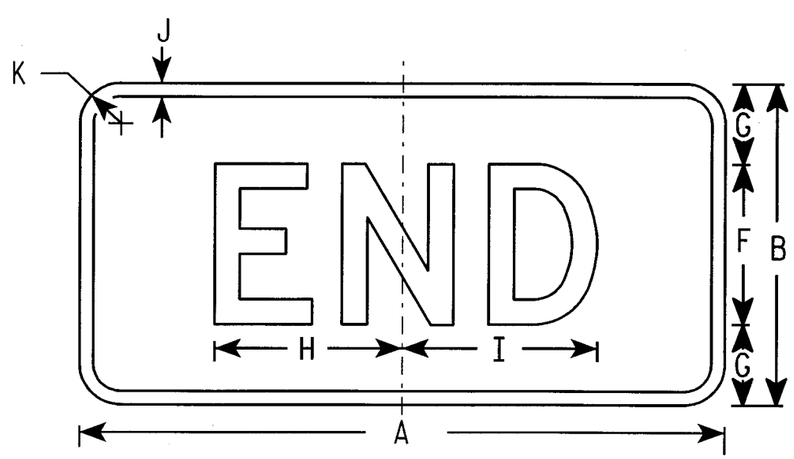
LEVELS ON - 2.3. 5.6. 10.

FILE NAME : d:\Users\Projects\tr_stdplate\M45.DGN PLOT DATE : 20-MAR-2002 09:55 ORG DATE : 1980 Originator : Sandy Anderson

WISDOT/CADDS SHEET 42



M4-6
MK4-6
MM4-6 *See Note 6
MR4-6



MB4-6
MG4-6
MN4-6

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 300 mm
3	750 mm X 375 mm
4	750 mm X 375 mm
5	750 mm X 375 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	24	12	1 1/8	3/8	3/8	6	3	7	7 1/4	1/2	1 1/2																2.00	0.18
3	30	15	1 1/8	3/8	1/2	8	3 1/2	9 1/4	9 3/4	1/2	1 1/2																3.13	0.28
4	30	15	1 1/8	3/8	1/2	8	3 1/2	9 1/4	9 3/4	1/2	1 1/2																3.13	0.28
5	30	15	1 1/8	3/8	1/2	8	3 1/2	9 1/4	9 3/4	1/2	1 1/2																3.13	0.28

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-6 Background - White - Type H Reflective
   (Detour or temporary Signs - Reflective)
   Message - Black
   MB4-6 Background - Blue
   Message - White - Type H Reflective
   (Detour or temporary Signs - Reflective)
   MG4-6 Background - Green
   Message - White - Type H Reflective
   MK4-6 Background - Green
   Message - White - Type H Reflective
   MM4-6 Background - White - Type H Reflective
   Message - Green
   MN4-6 Background - Brown
   Message - White - Type H Reflective
   MR4-6 Background - Brown
   Message - Yellow - Type H Reflective
6. Border shall be omitted on MM series.

STANDARD SIGN
M4-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/20/02 PLATE NO. M4-6.5

STATE PROJECT NUMBER:

SHEET NO: 185 E

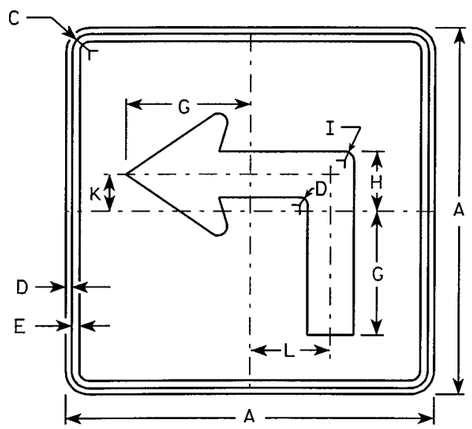
7

59.59.60.61.62.63

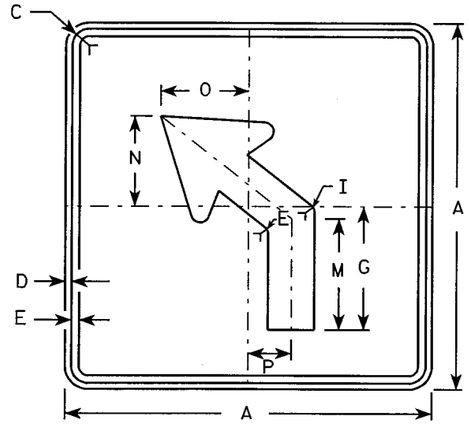
LEVELS ON - 2.3. 5.6. 10.

FILE NAME : d:\Users\Projects\tr_stdplate\M46.DGN PLOT DATE : 20-MAR-2002 13:22 ORG DATE : 1980 Originator : Sandy Anderson

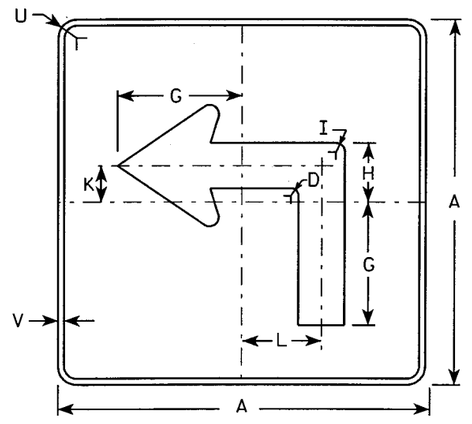
WISDOT/CADDS SHEET 42



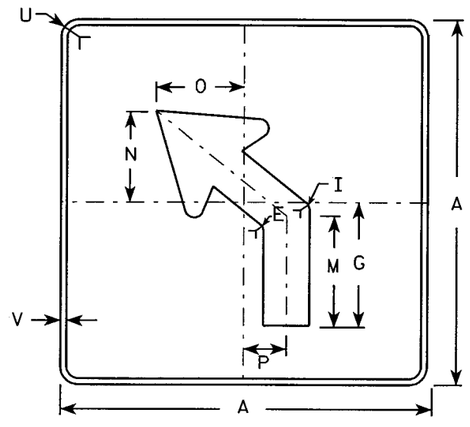
M5-1L
MK5-1L
MM5-1L (See Note 7)
MO5-1L
MR5-1L



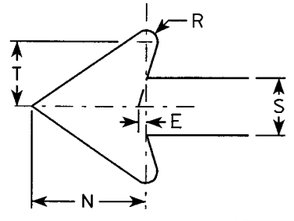
M5-2L
MK5-2L
MM5-2L (See Note 7)
MO5-2L
MR5-2L



MB5-1L
MG5-1L
MN5-1L



MB5-2L
MG5-2L
MN5-2L



NOTES

1. Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White - Type H Reflective (Detour or temporary Signs - Reflective)
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White - Type H Reflective (Detour or temporary Signs - Reflective)
   MG5-1 and MG5-2 Background - Green
   Message - White - Type H Reflective
   MK5-1 and MK5-2 Background - Green
   Message - White Type H Reflective
   MM5-1 and MM5-2 Background - White - Type H Reflective
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White - Type H Reflective
   MO5-1 and MO5-2 Background - Orange - Reflective
   Message - Black
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow - Type H Reflective
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.
7. Border shall be omitted on MM series.

Metric equivalent for this sign is:

SIZE	
1	
2	525 mm X 525 mm
3	750 mm X 750 mm
4	750 mm X 750 mm
5	750 mm X 750 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06	0.28
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25	0.56
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25	0.56
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25	0.56

STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/03/03 PLATE NO. M5-1.10

STATE PROJECT NUMBER:

SHEET NO: 186 E

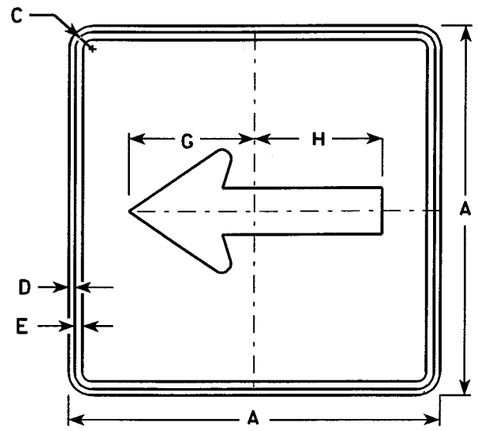
7

57.58.59.62.63/62.63

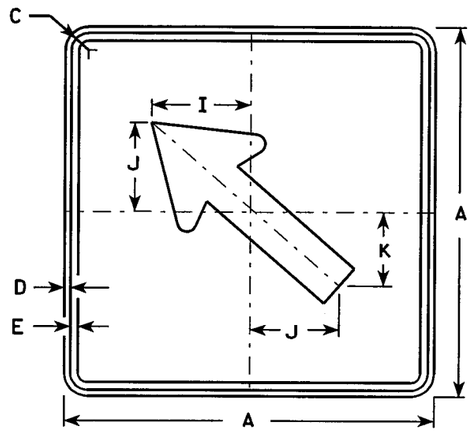
LEVELS ON - 2.3. 5.6. 10.

FILE NAME : C:\Users\Projects\tr_stdplate\M51.DGN PLOT DATE : 04-FEB-2003 13:04 PLOT BY : DOTDZK REV DATE : 2/04/03 Originator : DON KLUEVER

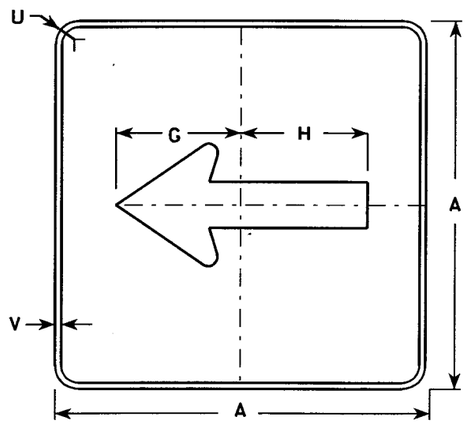
WISDOT/CADDS SHEET 42



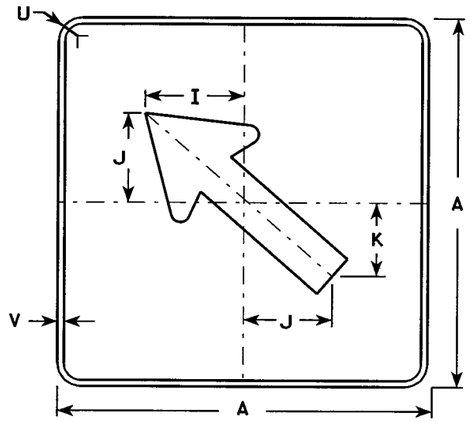
M6-1
MK6-1
MM6-1 (See Note 5)
MO6-1
MR6-1



M6-2
MK6-2
MM6-2 (See Note 5)
MO6-2
MR6-2



MB6-1
MG6-1
MN6-1



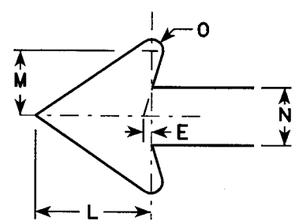
MB6-2
MG6-2
MN6-2

NOTES

1. Signs are Type II - See Note 4 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White - Type H Reflective (Detour or temporary Signs - Reflective) Message - Black
   MB6-1 and MB6-2 Background - Blue Message - White - Type H Reflective (Detour or temporary Signs - Reflective)
   MG6-1 and MG6-2 Background - Green Message - White - Type H Reflective
   MK6-1 and MK6-2 Background - Green Message - White - Type H Reflective
   MM6-1 and MM6-2 Background - White - Type H Reflective Message - Green
   MN6-1 and MN6-2 Background - Brown Message - White - Type H Reflective
   MO6-1 and MO6-2 Background - Orange - Reflective Message - Black
   MR6-1 and MR6-2 Background - Brown Message - Yellow - Type H Reflective
5. Border shall be omitted on MM series.

Metric equivalent for this sign is:

SIZE	
1	
2	525 mm X 525 mm
3	750 mm X 750 mm
4	750 mm X 750 mm
5	750 mm X 750 mm



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06	0.28
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25	0.56
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25	0.56
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25	0.56

STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/20/02 PLATE NO. M6-1.11

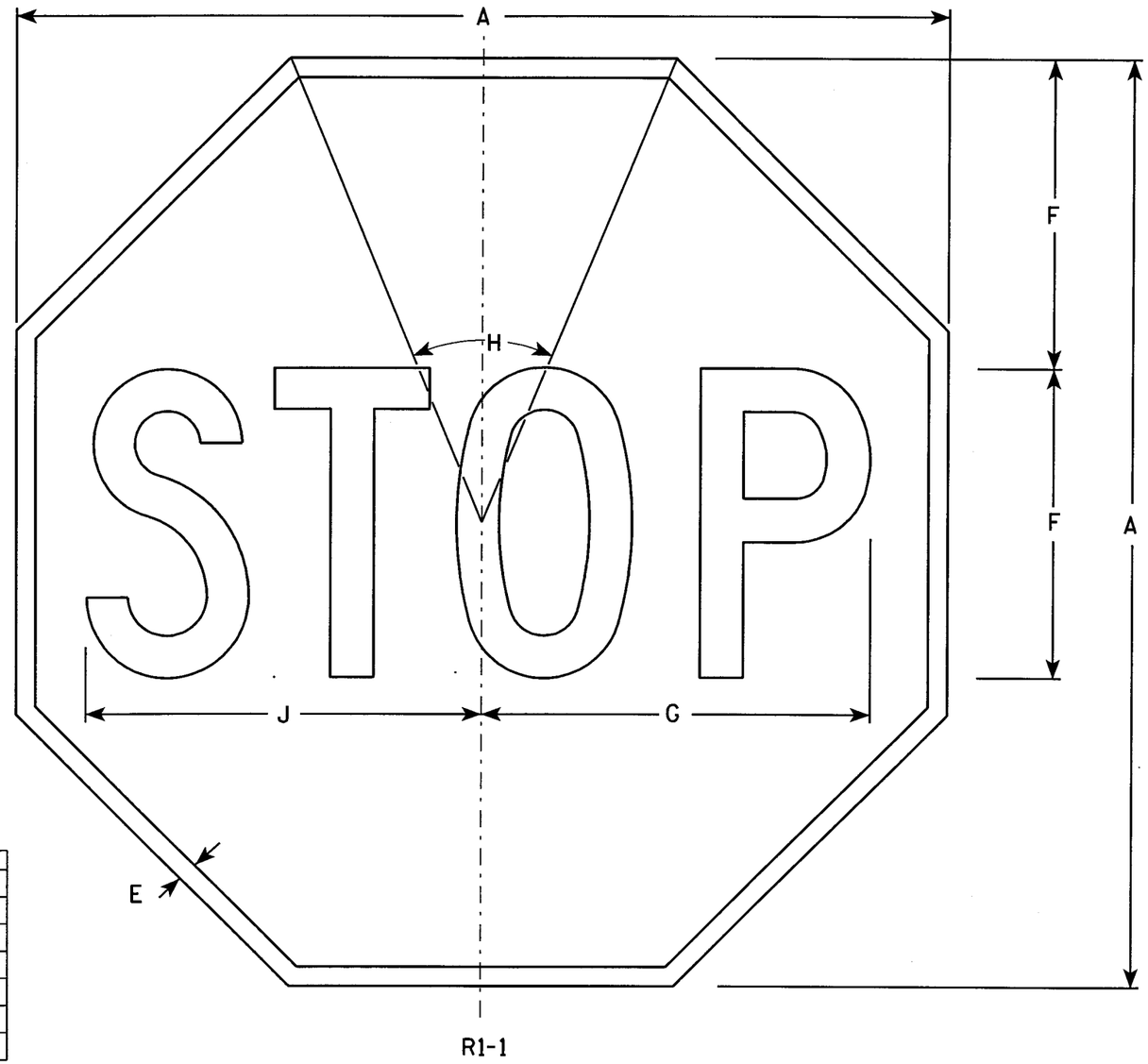
STATE PROJECT NUMBER:

SHEET NO: 187 E

7

58,59,60,61,62,63

LEVELS ON • 2,3, 5,6, 10,



R1-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

Metric equivalent for this sign is:

SIZE	
1	600 mm X 600 mm
2	750 mm X 750 mm
3	900 mm X 900 mm
4	1200 mm X 1200 mm
5	1200 mm X 1200 mm
6	450 mm X 450 mm
7	300 mm X 300 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	24				3/8	8	10	45°		10 1/4																	3.31	0.31
2	30				5/8	10	12 1/2	45°		12 3/4																	5.18	0.48
3	36				3/4	12	15	45°		15 3/8																	7.46	0.69
4	48				1	16	20	45°		20 1/2																	13.25	1.23
5	48				1	16	20	45°		20 1/2																	13.25	1.23
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86	0.17
7	12				1/4	4	5	45°		5 1/8																	0.78	0.07

STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

DATE 10/15/98 PLATE NO. R1-1.11

STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 188	E

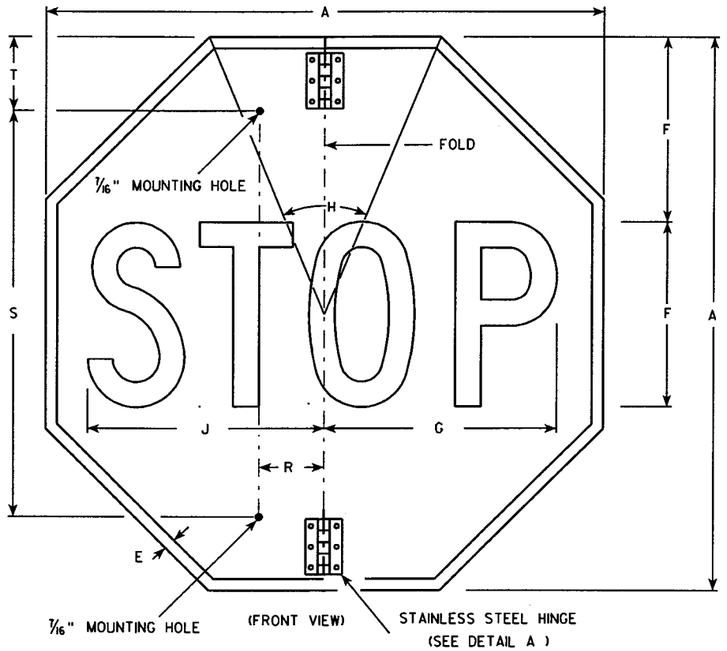
FILE NAME : d:\Users\Projects\tr_stdplate\R11.DGN PLOT DATE : 20-MAR-2002 08:43 ORG DATE : 1980 PLOT NAME : Originator : Sandy Anderson PLOT SCALE : 4.476109:1.000000

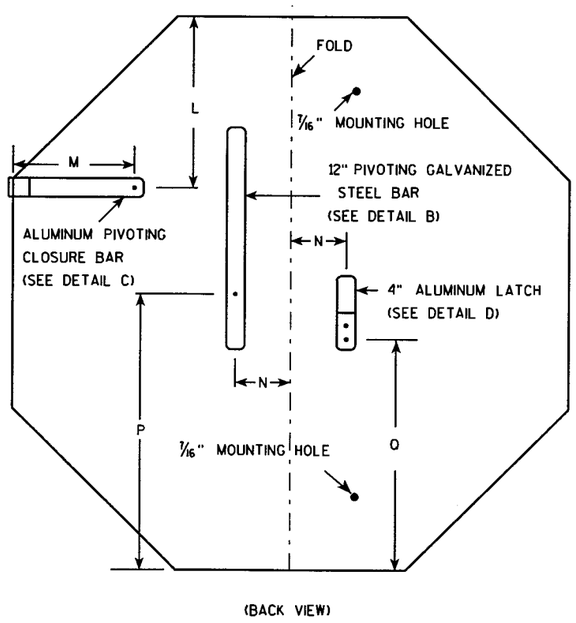
WISDOT/CADDS SHEET 42

50,59,60,61, 63

LEVELS ON • 2,3, 5,6, 10,

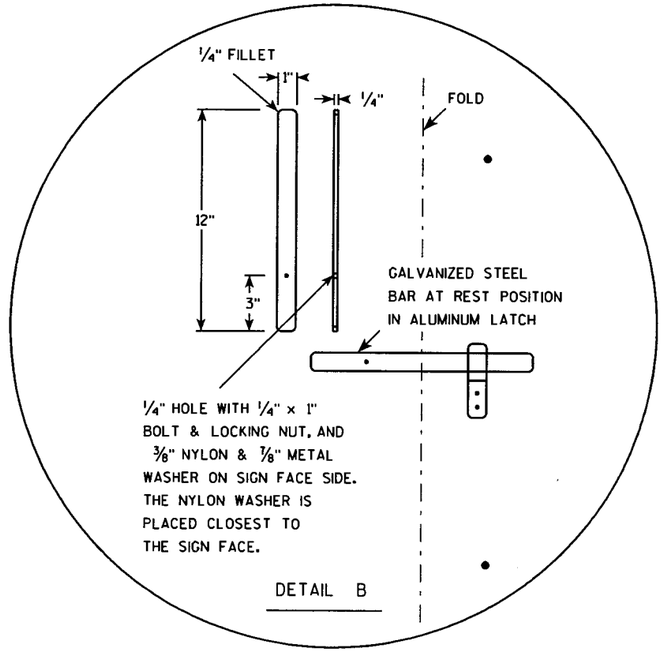
7



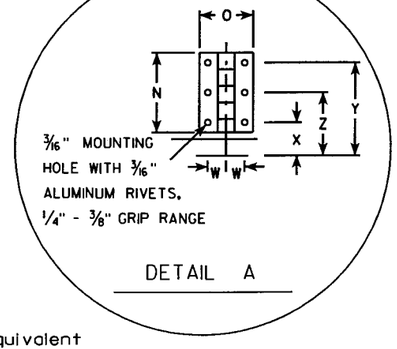


NOTES

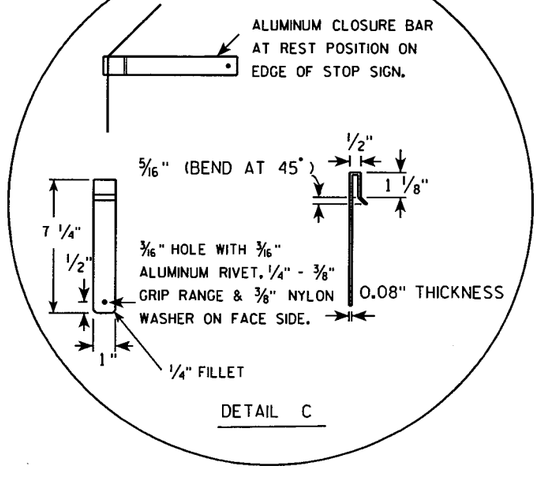
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.



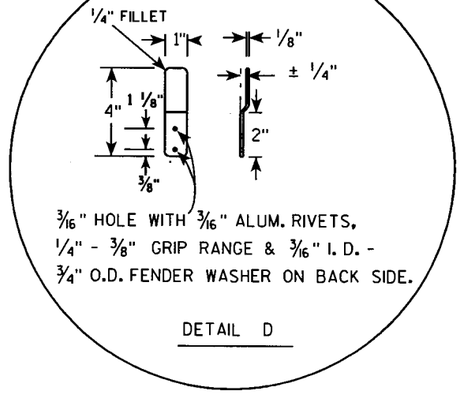
DETAIL B



DETAIL A



DETAIL C



DETAIL D

Metric equivalent for this sign is:

SIZE	
1	
2	750 mm X 750 mm
3	900 mm X 900 mm
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1																												
2	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18	0.48
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46	0.69
4																												
5																												

STANDARD SIGN R1-1F

WISCONSIN DEPT OF TRANSPORTATION

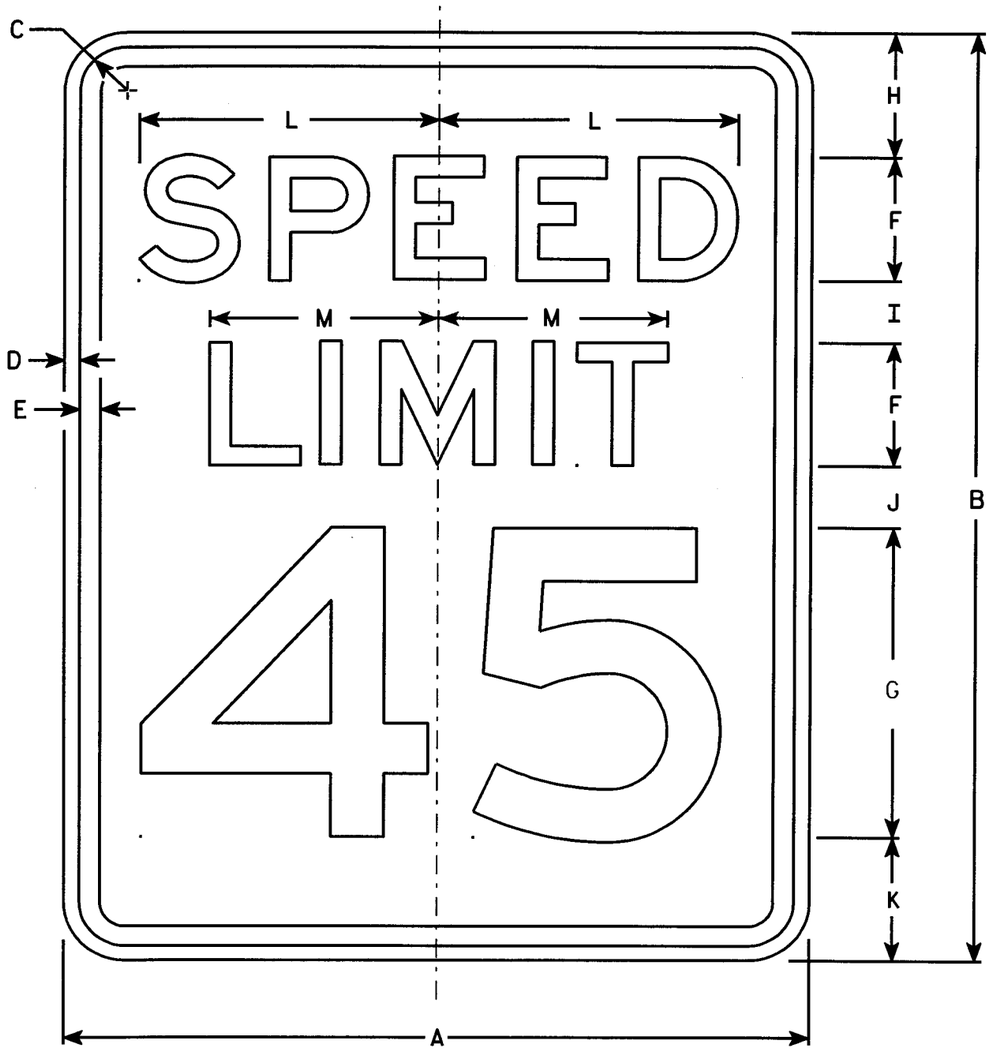
APPROVED Chester J Spagg for State Traffic Engineer

DATE 2/18/00 PLATE NO. R1-1F.2

STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 189	E

7

FILE NAME : d:\Users\Projects\tr_stdplate\R11F.DGN PLOT DATE : 06-NOV-2002 08:41 PLOT BY : DOTSJA PLOT NAME : ORG DATE : Jan 2000 Originator : Sandy Anderson PLOT SCALE : 7.951156:1.000000
WISDOT/CADDS SHEET 42
LEVELS ON - 2,3,4,5,6,7, 9,10,
57,58,59,63



R2-1

NOTES

1. Sign is Type II - Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

Metric equivalent for this sign is:

SIZE	
1	450 mm X 600 mm
2	600 mm X 750 mm
3	900 mm X 1200 mm
4	900 mm X 1200 mm
5	1200 mm X 1500 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0	.28
2	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0	.46
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0	1.11
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0	1.11
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0	1.86

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spong for State Traffic Engineer

DATE 6/4/97 PLATE NO. R2-L10

SHEET NO: 190 E

7

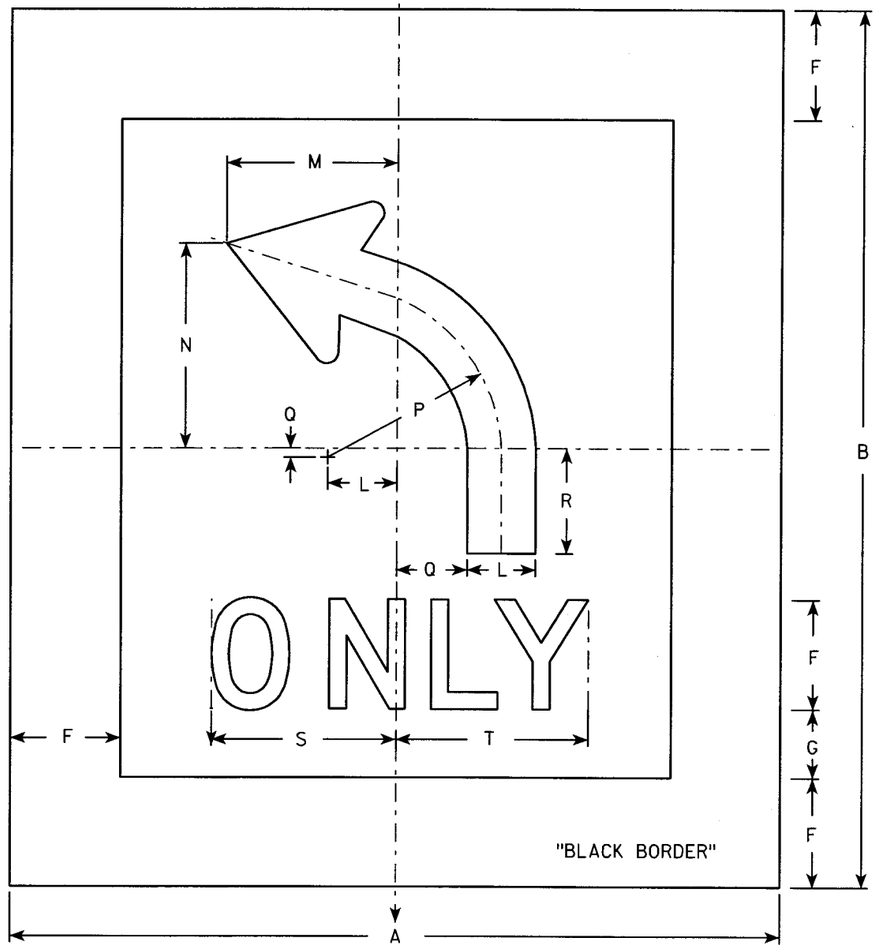
50.59.60. 62.63

LEVELS ON • 2.3. 5.6. 10.

FILE NAME : D:\Users\Projects\tr_stdplate\R21.DGN PLOT DATE: 26-FEB-2001 13:42 Originator : DON KLUEVER

WISDOT/CADDS SHEET 42

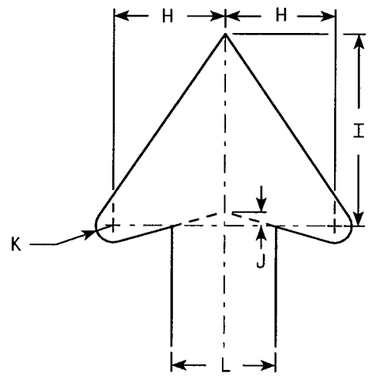
58.59.60.61.62.63



R3-5L

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood. When base material is metal, the corners shall be rounded.
5. R3-5R is the same as R3-5L except curved portion of arrow points right.
6. The 6" border is non-reflective black.



ARROW DETAIL

Metric equivalent for this sign is:

SIZE	
1	
2	1050 mm X 1200 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	42	48				6	3 3/4	4	7	1/2	5/8	3 3/4	9 1/4	11 1/4	1/2	9 1/2	3 7/8	5 3/4	10	10 1/2							14.0	1.26
3																												
4																												
5																												

STANDARD SIGN
R3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

DATE 10/28/96 PLATE NO. R3-5.5

STATE PROJECT NUMBER:

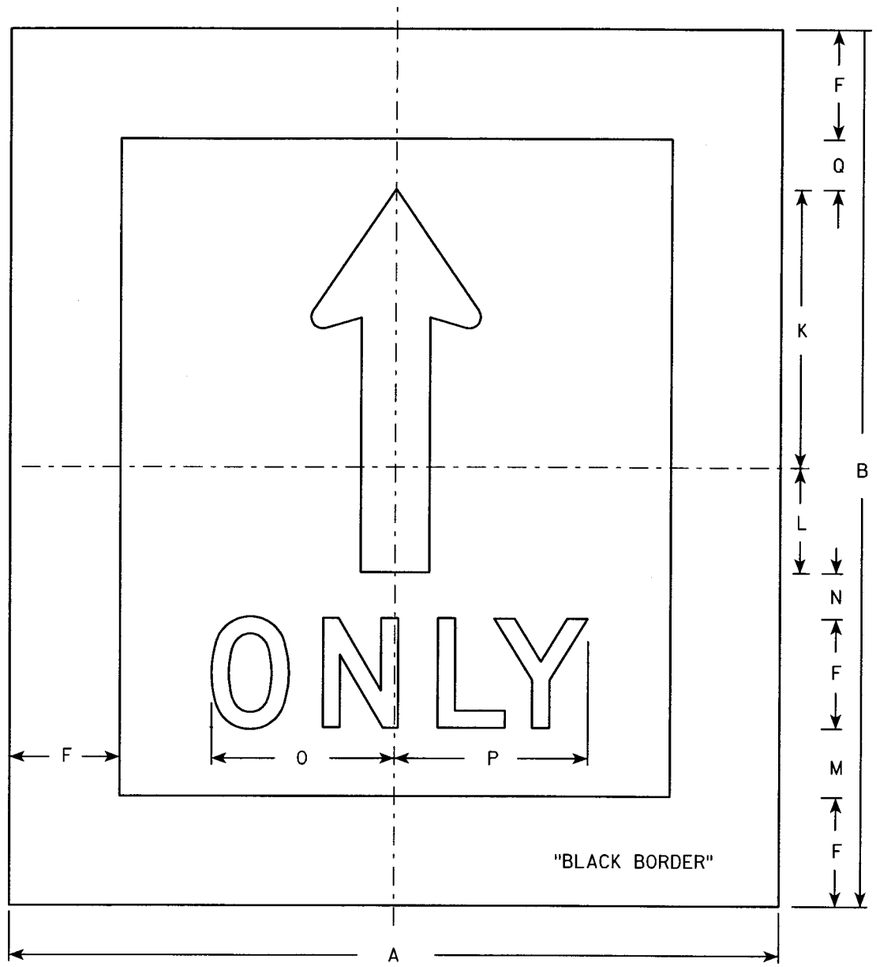
SHEET NO: 191 E

7

LEVELS ON - 2.3. 5.6.

FILE NAME : C:\Users\Projects\tr_stdplate\R35.DGN PLOT DATE : 04-FEB-2002 14:42 ORG DATE : 10/28/96 Originator : Don Kluever

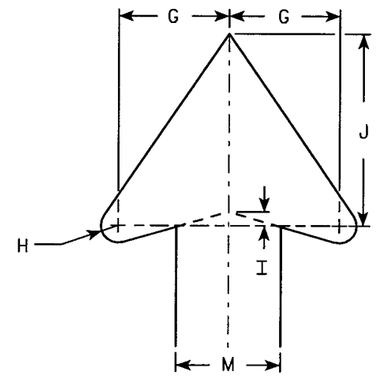
WISDOT/CADDS SHEET 42



R3-5A

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood. When base material is metal, the corners shall be rounded.
5. The 6" border is non-reflective black.



ARROW DETAIL

Metric equivalent for this sign is:

SIZE	
1	
2	1050 mm X 1200 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	42	48				6	4	5/8	1/2	7	15 1/4	5 3/4	3 3/4	2 1/2	10	10 1/2	2 3/4										14.0	1.26
3																												
4																												
5																												

STANDARD SIGN
R3-5A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spagn for State Traffic Engineer

DATE 10/28/96 PLATE NO. R3-5A.4

STATE PROJECT NUMBER:

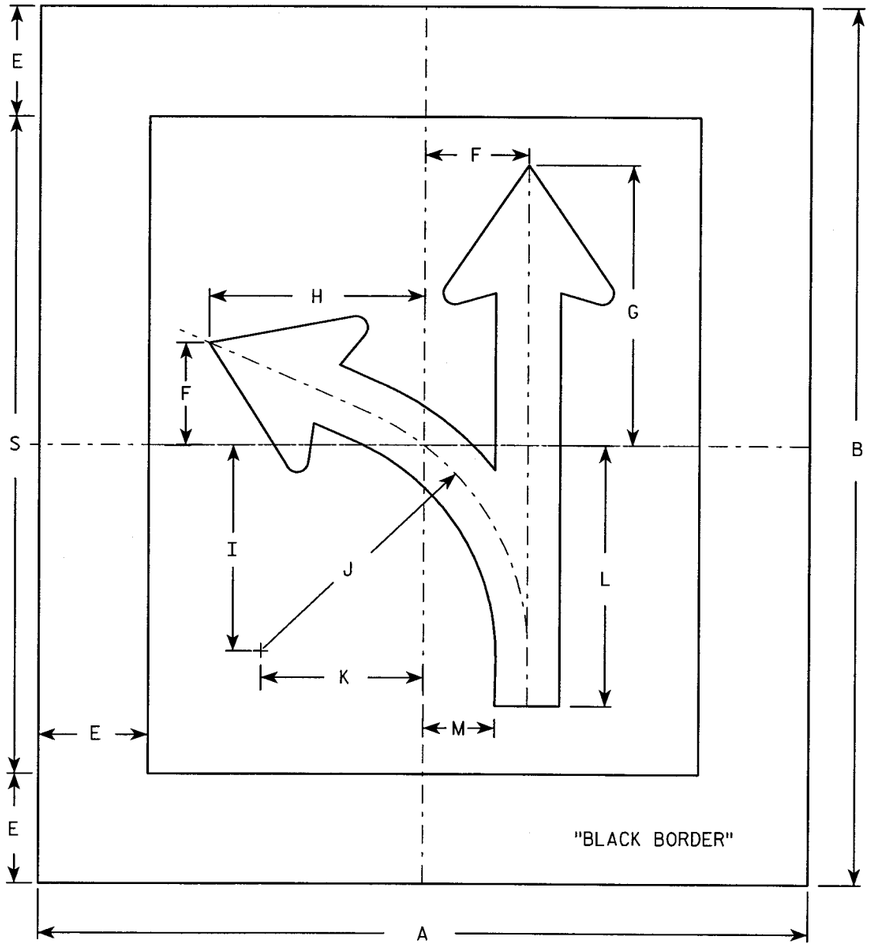
SHEET NO: 192 E

7

LEVELS ON • 2.3. 5.6. 10.

FILE NAME : C:\Users\Projects\tr_stdplate\R35A.DGN PLOT DATE : 05-FEB-2002 07:06 ORG DATE : 10/28/96 Originator : Don Kluever

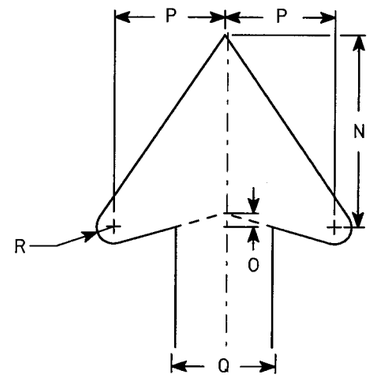
WISDOT/CADDS SHEET 42



R3-6L

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base material is plywood. When base material is metal, the corners shall be rounded.
4. R3-6R is the same as R3-6L except curved portion of arrow points right.
5. The 6" border is non-reflective black.



ARROW DETAIL

Metric equivalent for this sign is:

SIZE	
1	
2	1050 mm X 1200 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	42	48			6	5 5/8	15 3/8	11 3/4	11 1/4	14 1/2	8 7/8	14 1/4	3 7/8	7	1/2	4	3 1/2	5/8	36								14.0	1.26
3																												
4																												
5																												

STANDARD SIGN
R3-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spagg
for State Traffic Engineer

DATE 10-28-96 PLATE NO. R3-6.4

STATE PROJECT NUMBER:

SHEET NO: 193 E

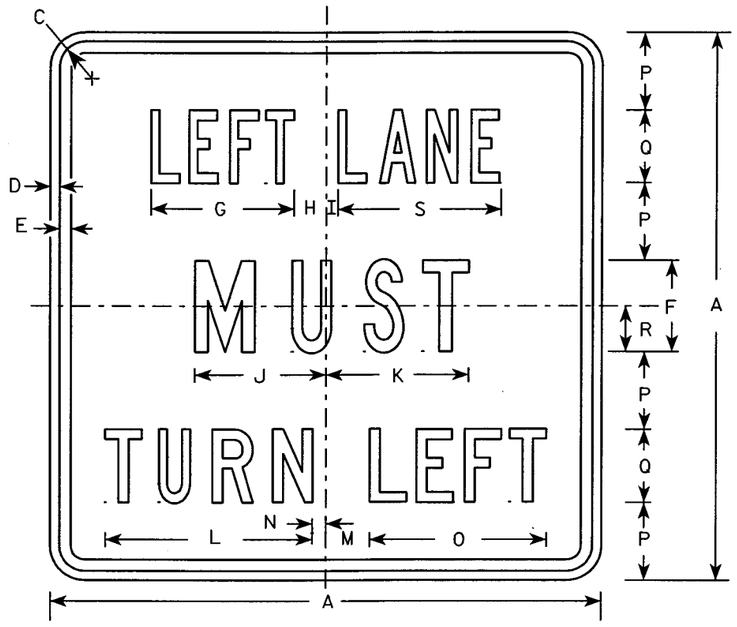
7

58,59,60,61,62,63

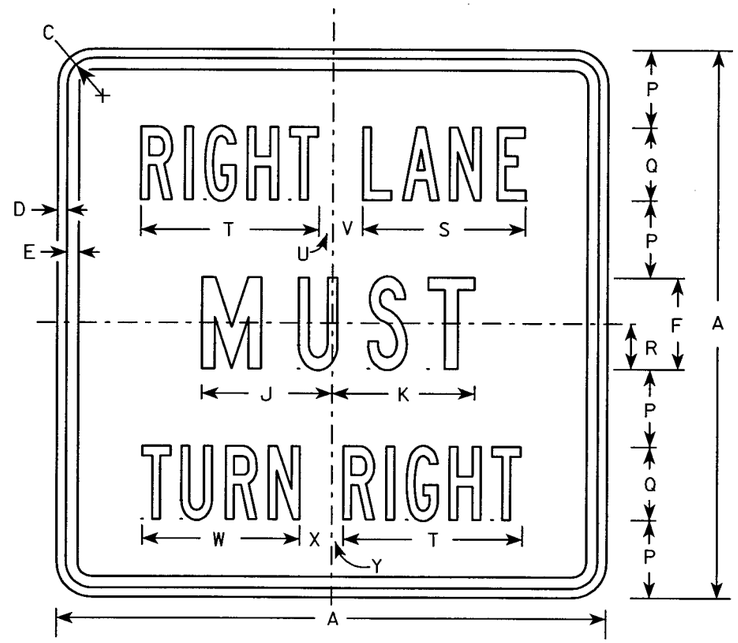
LEVELS ON • 2.3. 5.6. 10.

FILE NAME : C:\Users\Projects\tr_stdplate\R36.DGN PLOT DATE : 05-FEB-2002 07:12 ORG DATE : 10/28/96 Originator : Don Kluever

WISDOT/CADDS SHEET 42



R3-7L



R3-7R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series B.
   Line 2 is Series C.
   Line 3 on plate R3-7R is Series B and Series C on plate R3-7L.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	750 mm X 750 mm
2	750 mm X 750 mm
3	900 mm X 900 mm
4	1200 mm X 1200 mm
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25	0.56
2	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25	0.56
3	36		1 5/8	5/8	3/4	6	9 5/8	2	1 1/8	8 3/4	9	13 1/2	3 7/8	1 1/2	12 1/2	5	5	3	10 5/8	12	7/8	2 1/4	10 5/8	2 1/8	1		9.00	0.81
4	48		2 1/4	3/4	1	8	13 1/2	2 3/8	1 1/2	11 1/2	11 7/8	17 3/4	3 5/8	2 1/2	16 3/8	6 1/2	7	4	14 3/8	16 7/8	5/8	3 1/4	15 1/8	2 3/4	1 1/8		16.00	1.44
5																												

STANDARD SIGN
R3-7L & R3-7R

WISCONSIN DEPT OF TRANSPORTATION

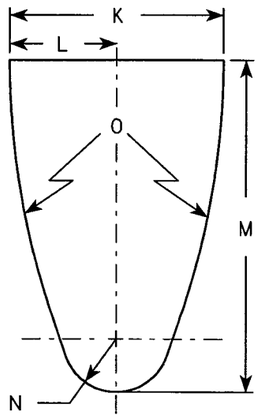
APPROVED Chester J Spay for State Traffic Engineer

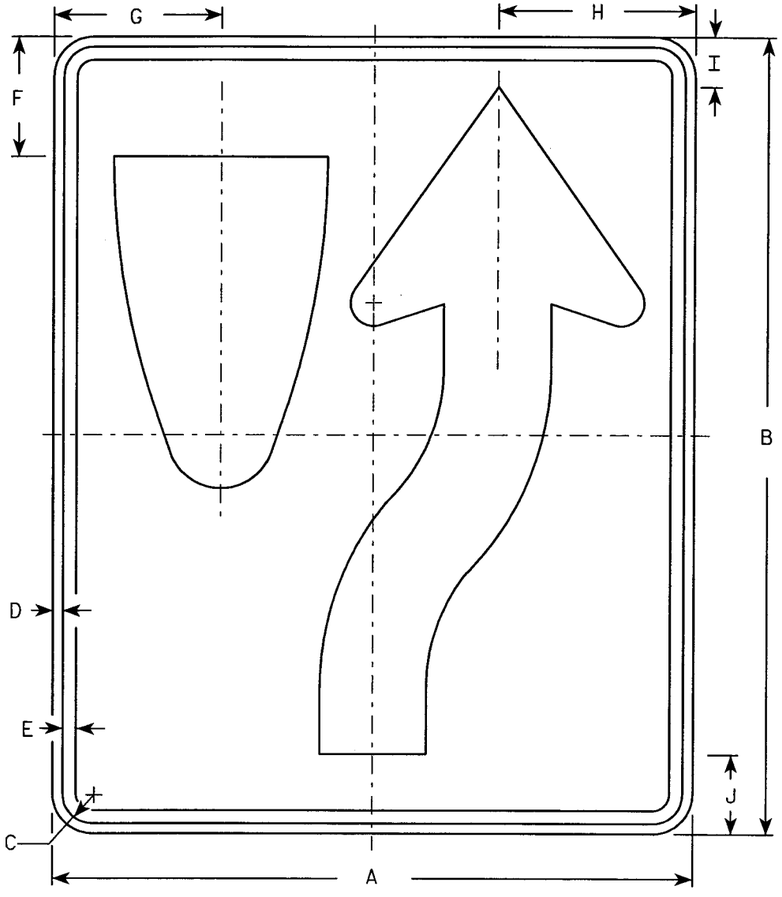
DATE 2/05/02 PLATE NO. R3-7.3

STATE PROJECT NUMBER:

SHEET NO: 194 E

7

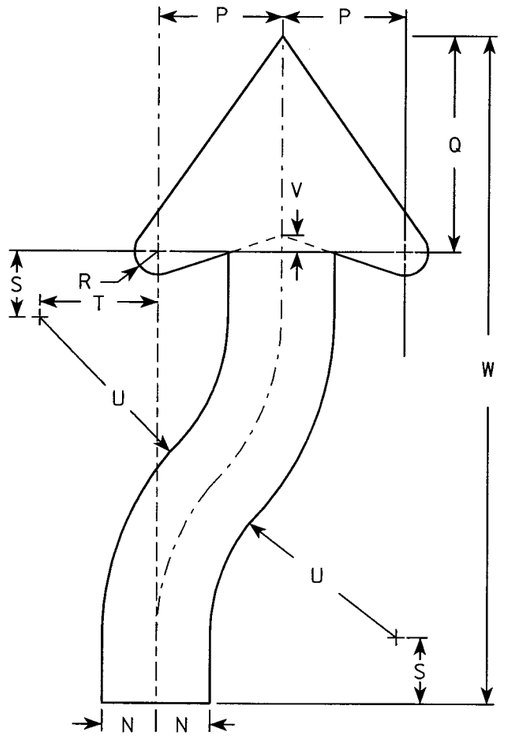




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

Metric equivalent for this sign is:

SIZE	
1	450 mm X 600 mm
2	600 mm X 750 mm
3	900 mm X 1200 mm
4	900 mm X 1200 mm
5	900 mm X 1200 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 1/8	3 1/4	6 3/4	1/2	20 3/8				3.0	.27
2	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 1/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0	.45
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 1/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0	1.08
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 1/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0	1.08
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0	1.08

STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles J Spary for State Traffic Engineer

DATE 2/6/02 PLATE NO. R4-7.7

STATE PROJECT NUMBER:

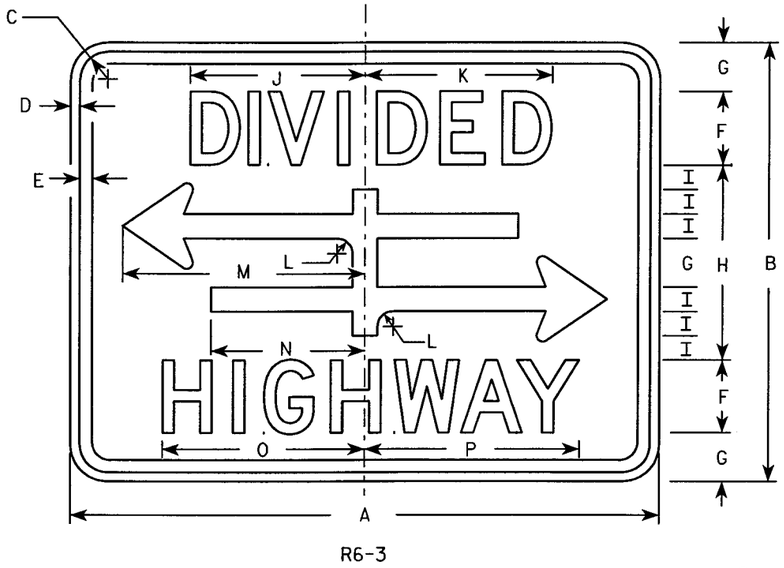
SHEET NO: 195 E

7

58.59 60 61 62 63 LEVELS ON - 2.3. 5.6. 10.

FILE NAME : C:\Users\Projects\tr_stdplate\R47.DGN PLOT DATE : 07-FEB-2002 09:21 ORG DATE : 12/15/97 Originator : Don Kluever

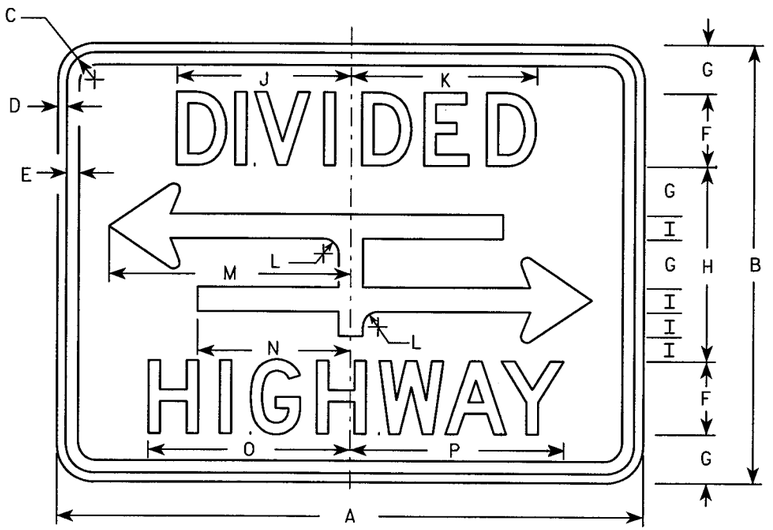
WISDOT/CADDS SHEET 42



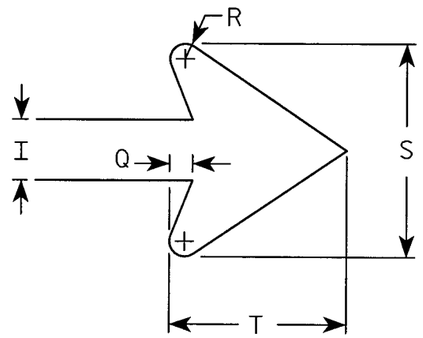
R6-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R6-3A



ARROW DETAIL

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 450 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	24	18	1 1/8	3/8	1/2	3	2	8	1	7 1/8	7 5/8	5/8	9 7/8	6 1/4	8 1/4	8 3/4	3/8	1/4	3 1/2	2 3/4							3.0	0.27
3																												
4																												
5																												

STANDARD SIGN
R6-3 & R6-3A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

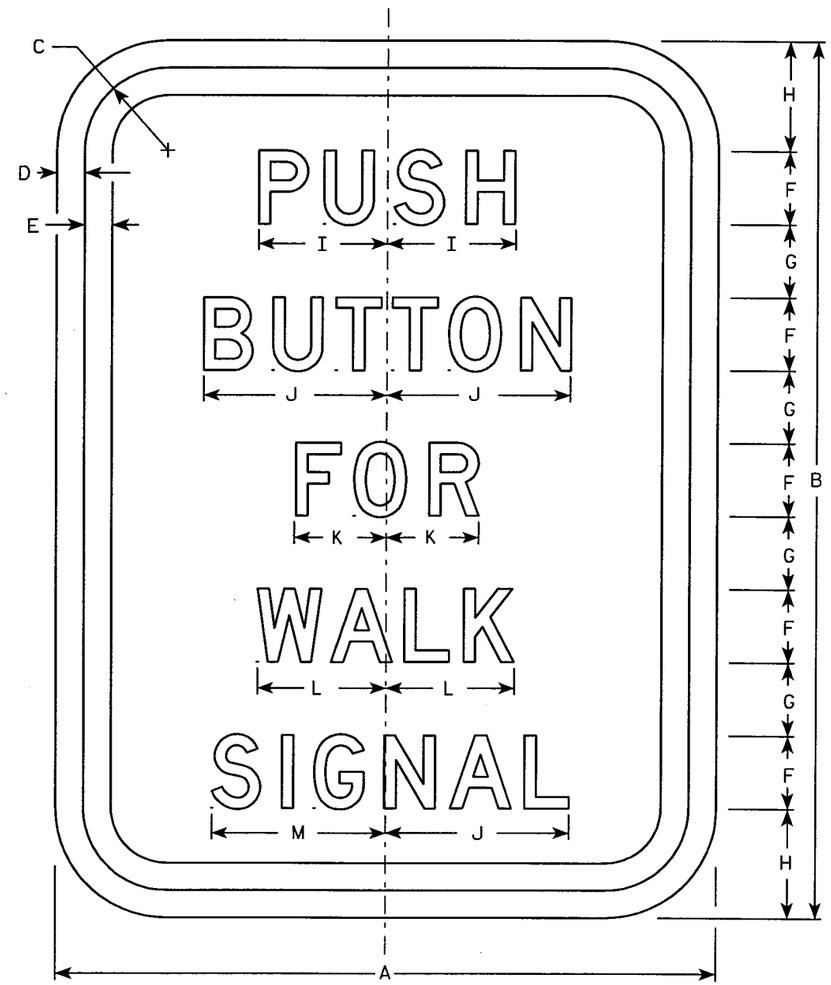
DATE 2/21/02 PLATE NO. R6-3.3

STATE PROJECT NUMBER:

SHEET NO: 196 E

7

58.59.60.61.62.63
LEVELS ON • 2.3. 5.6.
FILE NAME : C:\Users\Projects\tr_stdplate\R63.DGN
PLOT DATE : 21-FEB-2002 07:20
ORG DATE : 3/2/84
Originator : Don Kluever
WISDOT/CADDS SHEET 42



R10-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Size (1) comes as a decal only.

Metric equivalent for this sign is:

SIZE	
1	150 mm X 225 mm
2	225 mm X 300 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area M2
1	6	9	1 1/8	3/8	3/8	3/4	1/2	1 5/8	1 1/4	1 7/8	7/8	1 3/8	1 7/8														0.38	0.03
2	9	12	1 1/8	3/8	3/8	1	1	1 1/2	1 3/4	2 1/2	1 1/4	1 3/4	2 3/8														0.75	0.07
3																												
4																												
5																												

STANDARD SIGN
R10-4

WISCONSIN DEPT OF TRANSPORTATION

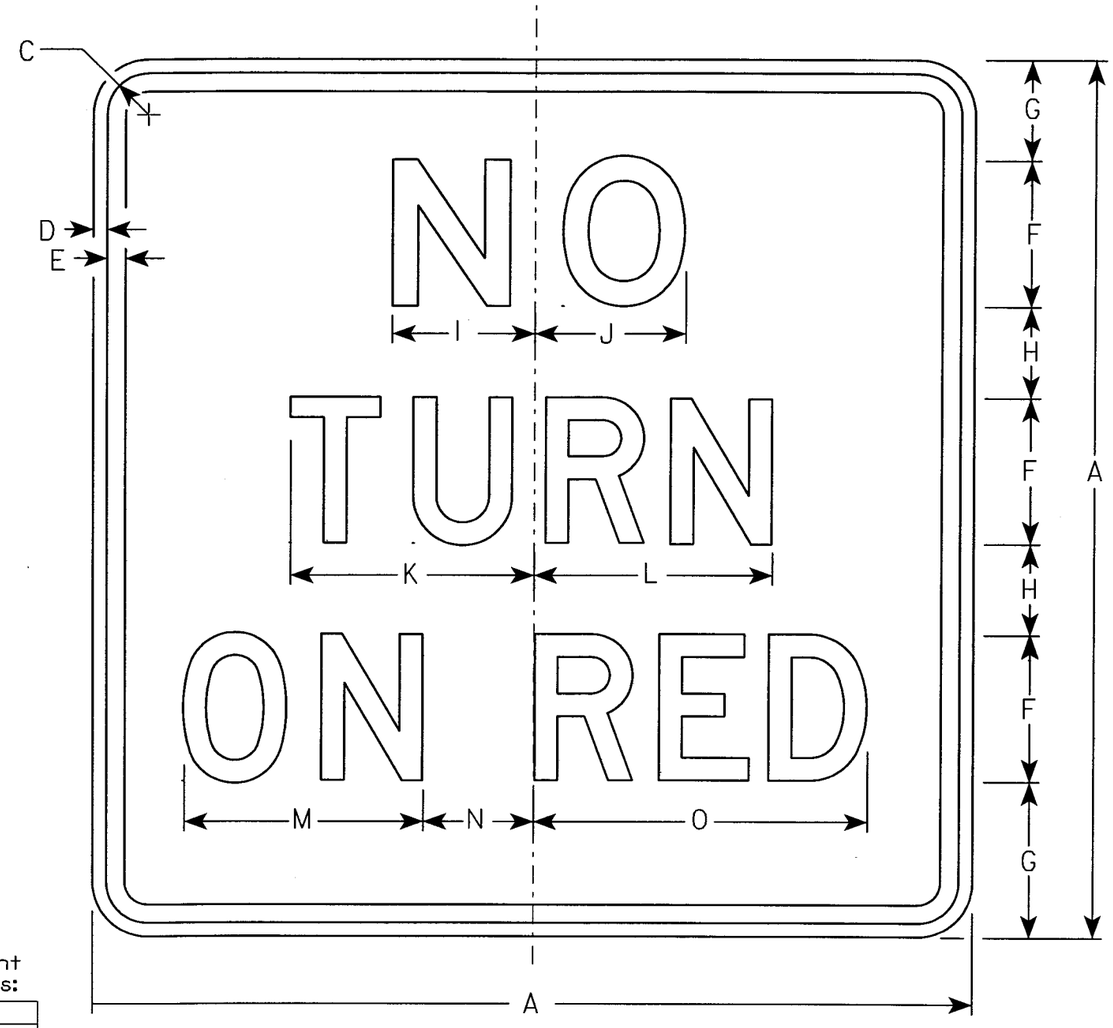
APPROVED Chester J. Spong for State Traffic Engineer

DATE 1/03/00 PLATE NO. R10-4.6

STATE PROJECT NUMBER:

SHEET NO: 197 E

7



R10-11B

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - See Note 5.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series E.
   Lines 2 and 3 are Series D.

Metric equivalent for this sign is:

SIZE	
1	450 mm X 450 mm
2	600 mm X 600 mm
3	750 mm X 750 mm
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	18		1 1/8	3/8	3/8	3	2 3/4	1 3/4	3	3 1/8	5	4 7/8	5 1/4	1 7/8	7 1/8												2.25	0.20
2	24		1 1/8	3/8	1/2	4	3 1/2	2 1/2	3 7/8	4 1/8	6 5/8	6 1/2	6 1/2	3	9 1/8												4.0	0.36
3	30		1 3/8	1/2	5/8	5	4 1/2	3	4 7/8	5 1/4	8 1/4	8 1/8	7 3/4	4 1/8	11 7/8												6.25	0.56
4																												
5																												

STANDARD SIGN
R10-11B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 2/12/02 PLATE NO. R10-11B.3

STATE PROJECT NUMBER:

SHEET NO: 198 E

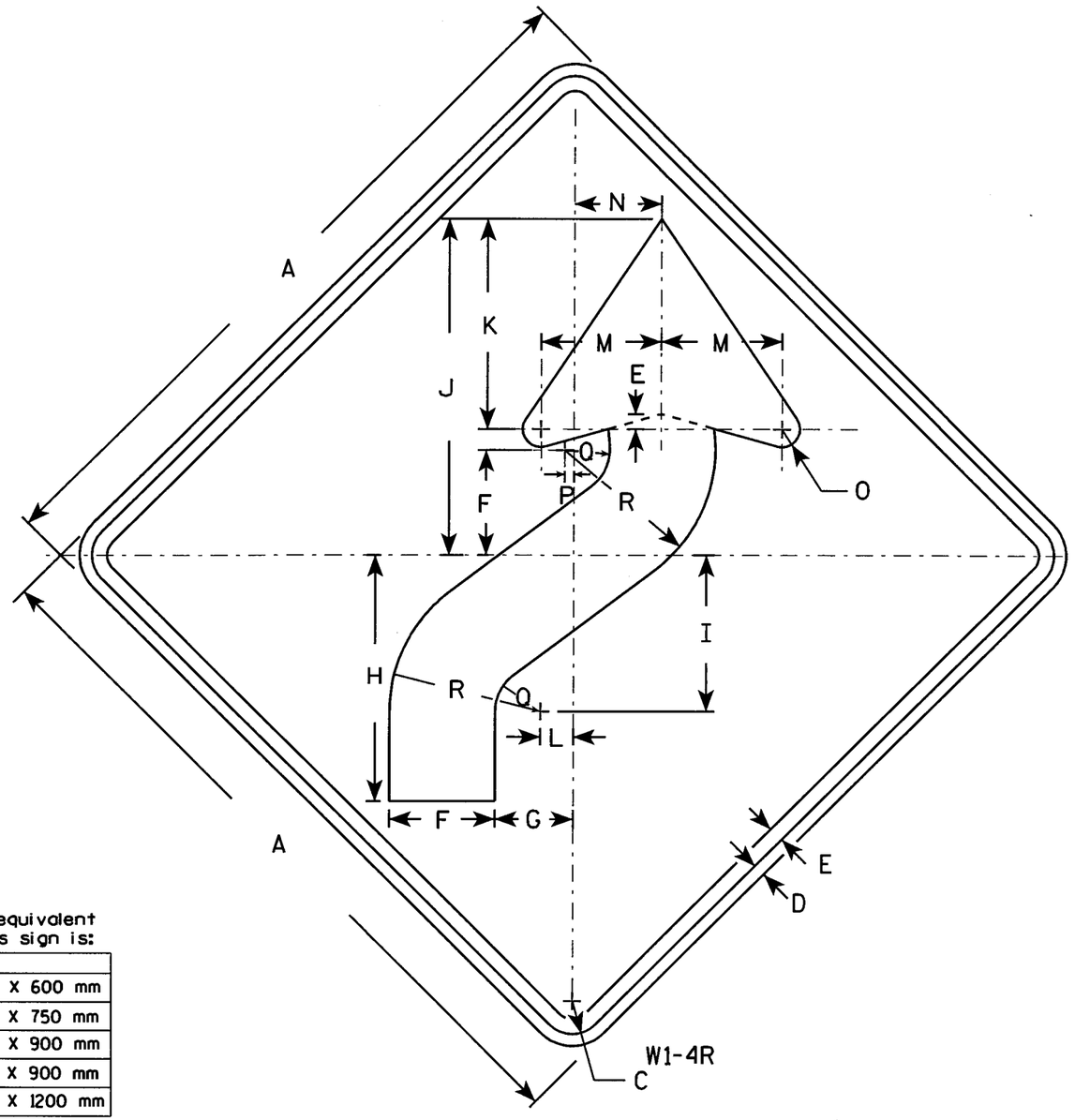
7

58.59.60.61.62.63

LEVELS ON • 2.3.4.5.6.

FILE NAME : C:\Users\Projects\tr_stdplate\R1011B.DGN PLOT DATE : 14-FEB-2002 13:22 ORG DATE : 7/27/94 Originator : Don Kluever

WISDOT/CADDS SHEET 42



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W1-4L is the same as W1-4R except the arrow is reversed along the vertical centerline.

Metric equivalent for this sign is:

SIZE	
1	600 mm X 600 mm
2	750 mm X 750 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	1200 mm X 1200 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	24		1 1/8	3/8	1/2	3 1/2	2 5/8	8 1/4	5 1/4	11 1/4	7	1 1/8	4	3	5/8	1/4	1 1/2	5									4.0	0.36
2	30		1 3/8	1/2	5/8	4 3/8	3 1/4	10 1/4	6 1/2	14	8 3/4	1 3/8	5	3 5/8	3/4	3/8	1 7/8	6 1/4									6.25	0.56
3	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0	0.81
4	36		1 5/8	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0	0.81
5	48		2 1/4	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0	1.44

STANDARD SIGN
W1-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spong for State Traffic Engineer

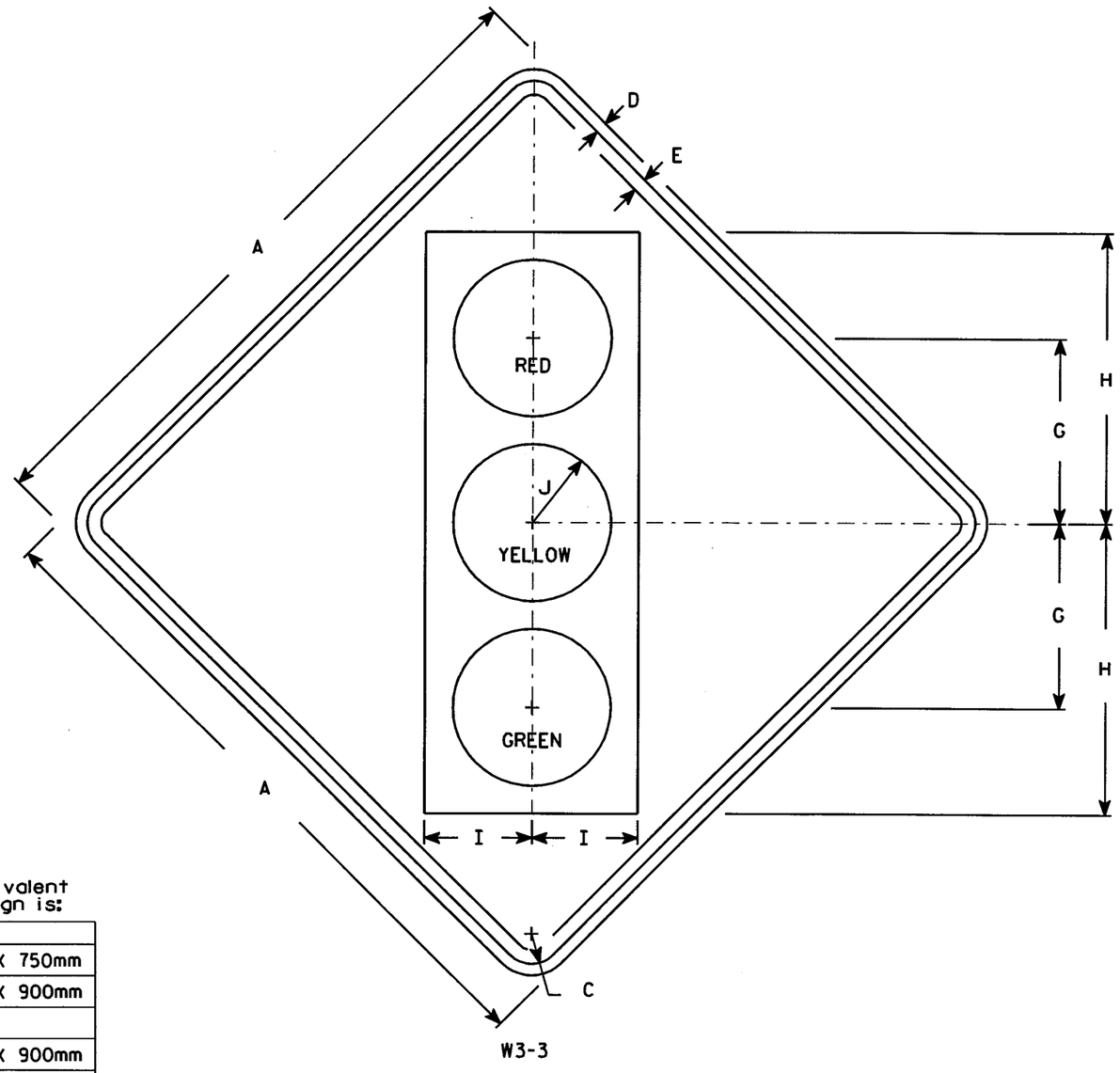
DATE 01/14/02 PLATE NO. W1-4.9

STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 199	E

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

FILE NAME : C:\Users\Projects\tr_stdplate\W14.DGN PLOT DATE : 14-JAN-2002 10:55 ORG DATE : PLOT NAME : Originator : Artie Noll PLOT SCALE : 5.719473:1.000000

WISDOT/CADDS SHEET 42



W3-3

Metric equivalent for this sign is:

SIZE	
1	750mm X 750mm
2	900mm X 900mm
3	
4	900mm X 900mm
5	1200mm X 1200mm

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	30		1 3/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25	0.56
2	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0	0.81
3																												
4	36		1 5/8	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0	0.81
5	48		2 1/4	3/4	1		12 1/2	20	7 1/2	5																	16.0	1.44

STANDARD SIGN
W3-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Sprague for State Traffic Engineer

DATE 01/14/02 PLATE NO. W3-3.7

STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 200	E

7

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

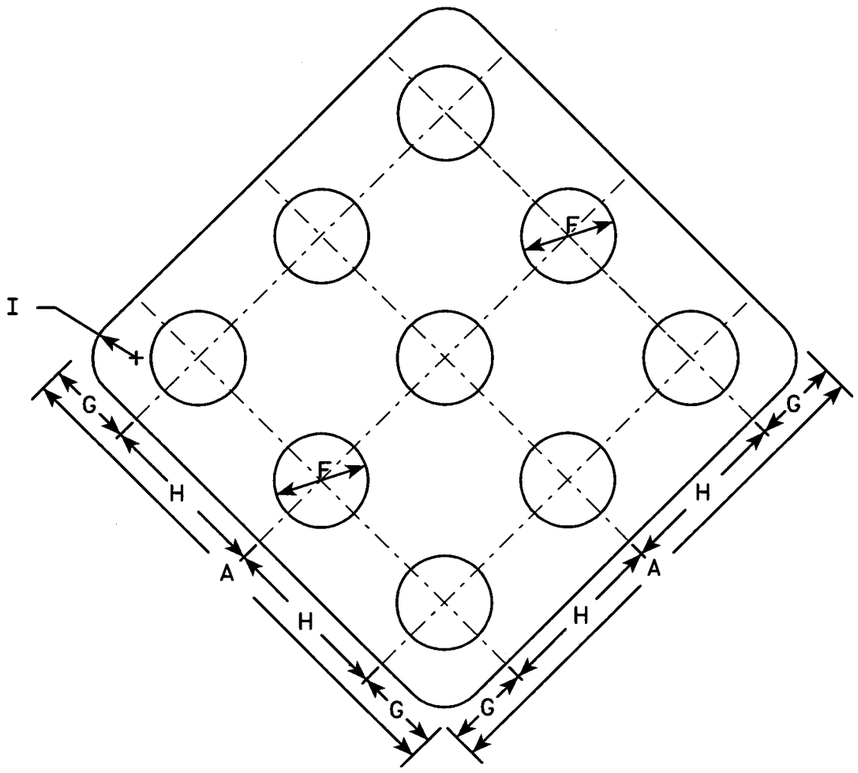
FILE NAME : C:\Users\Projects\tr_stdplate\W33.DGN PLOT DATE : 22-JAN-2002 08:29 ORG DATE : PLOT NAME : Originator : Artie Noll PLOT SCALE : 7.460182:1.000000

WISDOT/CADDS SHEET 42

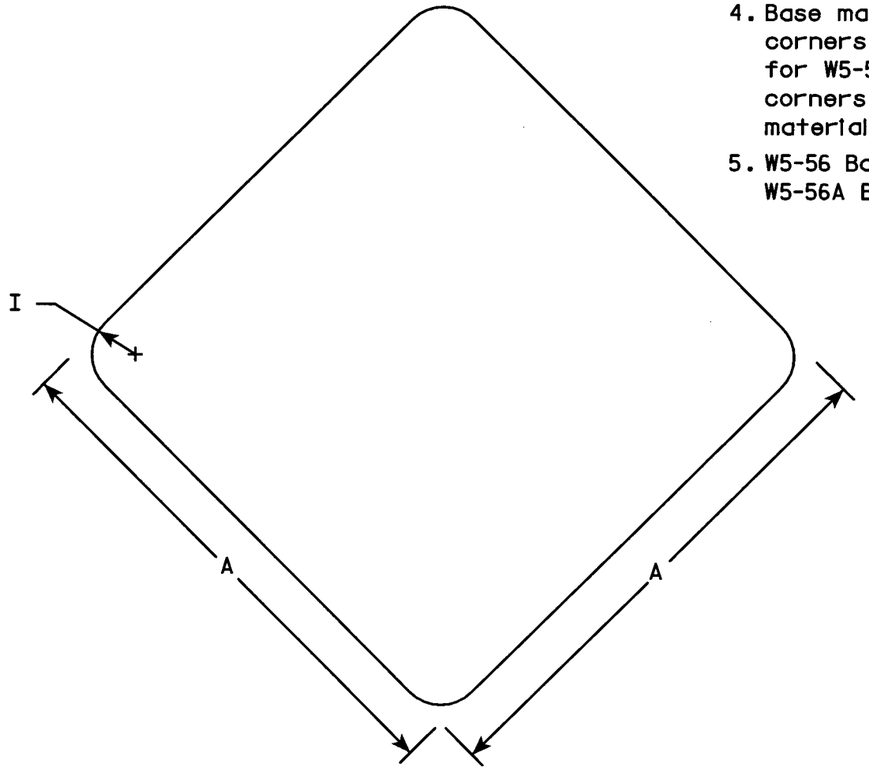
STATE PROJECT NUMBER	SHEET NO.
	201

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red (See Note 5)
   Message - See Note 3
3. W5-56 Message Units are 3" center mount Red delineators as per 633.2.3.
4. Base material for W5-56 shall be metal and corners shall be rounded. Base material for W5-56A may be plywood or metal and corners may be square or rounded when material is plywood but rounded when metal.
5. W5-56 Background is Reflective
   W5-56A Background is Type H Reflective



W5-56



W5-56A

Metric equivalent for this sign is:

SIZE	
1	300 mm X 300 mm
2	450 mm X 450 mm
3	
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1	12					3 1/4	2	4	1																		1.0	0.09
2	18					3 1/4	3	6	1 1/2																		2.25	0.20
3																												
4																												
5																												

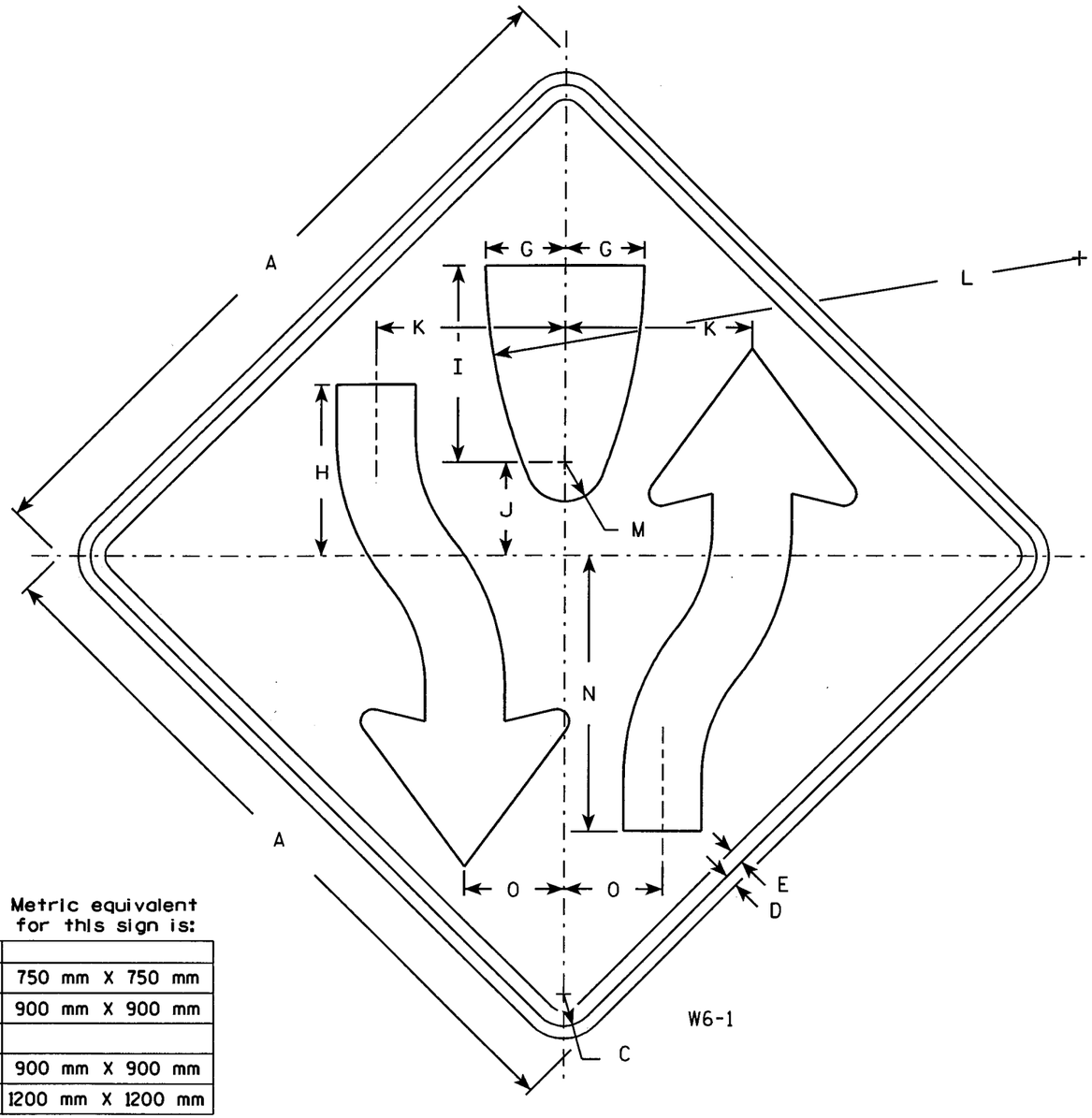
STANDARD SIGN
W5-56 & W5-56A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

DATE 1/06/98 PLATE NO. W5-56.4

7



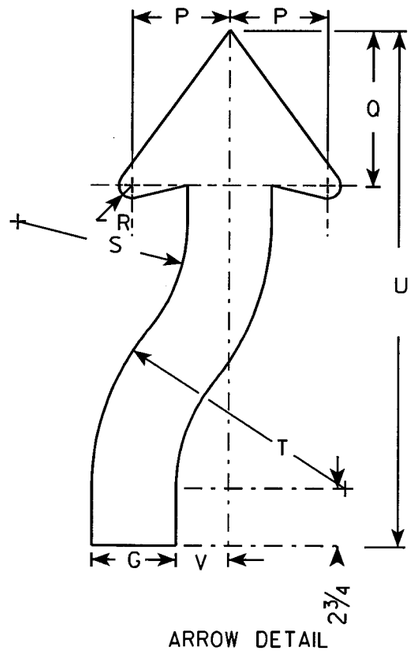
W6-1

Metric equivalent for this sign is:

SIZE	
1	750 mm X 750 mm
2	900 mm X 900 mm
3	
4	900 mm X 900 mm
5	1200 mm X 1200 mm

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W6-2 same as W6-1 but is rotated 180° when mounted.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1	30		1 3/8	1/2	5/8		3 1/4	8	8 1/4	4 1/8	7 7/8	25	1 3/4	11 5/8	4 1/8	3 7/8	6 3/4	5/8	6 5/8	9 7/8	21 5/8	2					6.25	0.56
2	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0	0.81
3																												
4	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0	0.81
5	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0	1.44

STANDARD SIGN
W6-1 & W6-2

WISCONSIN DEPT OF TRANSPORTATION

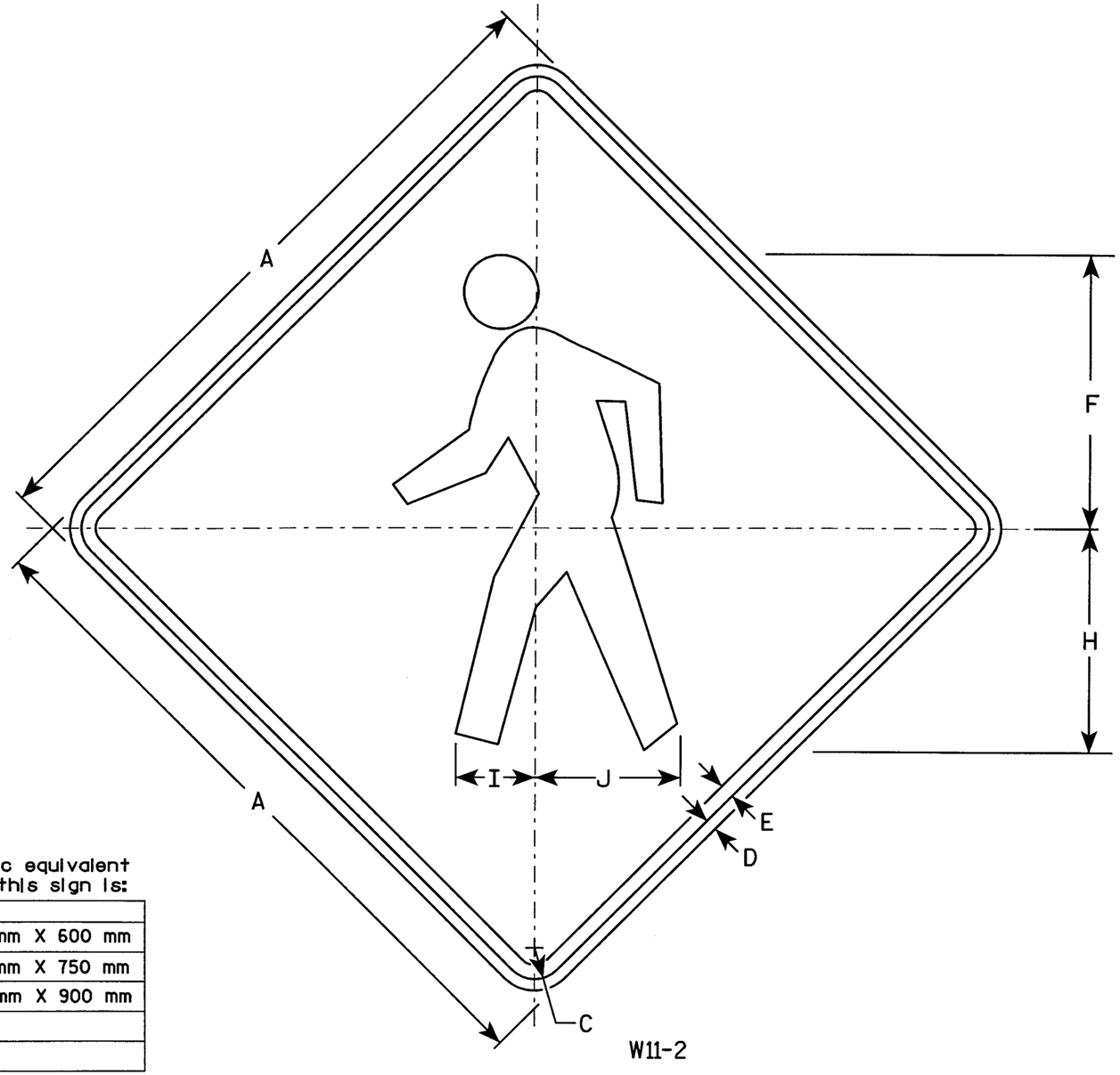
APPROVED Chester J Spry for State Traffic Engineer

DATE 01/15/02 PLATE NO. W6-1.11

7

STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 202	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



W11-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	600 mm X 600 mm
2	750 mm X 750 mm
3	900 mm X 900 mm
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1	24		1 1/8	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0	0.36
2	30		1 3/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25	0.56
3	36		1 5/8	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0	0.81
4																												
5																												

STANDARD SIGN
W11-2

WISCONSIN DEPT OF TRANSPORTATION

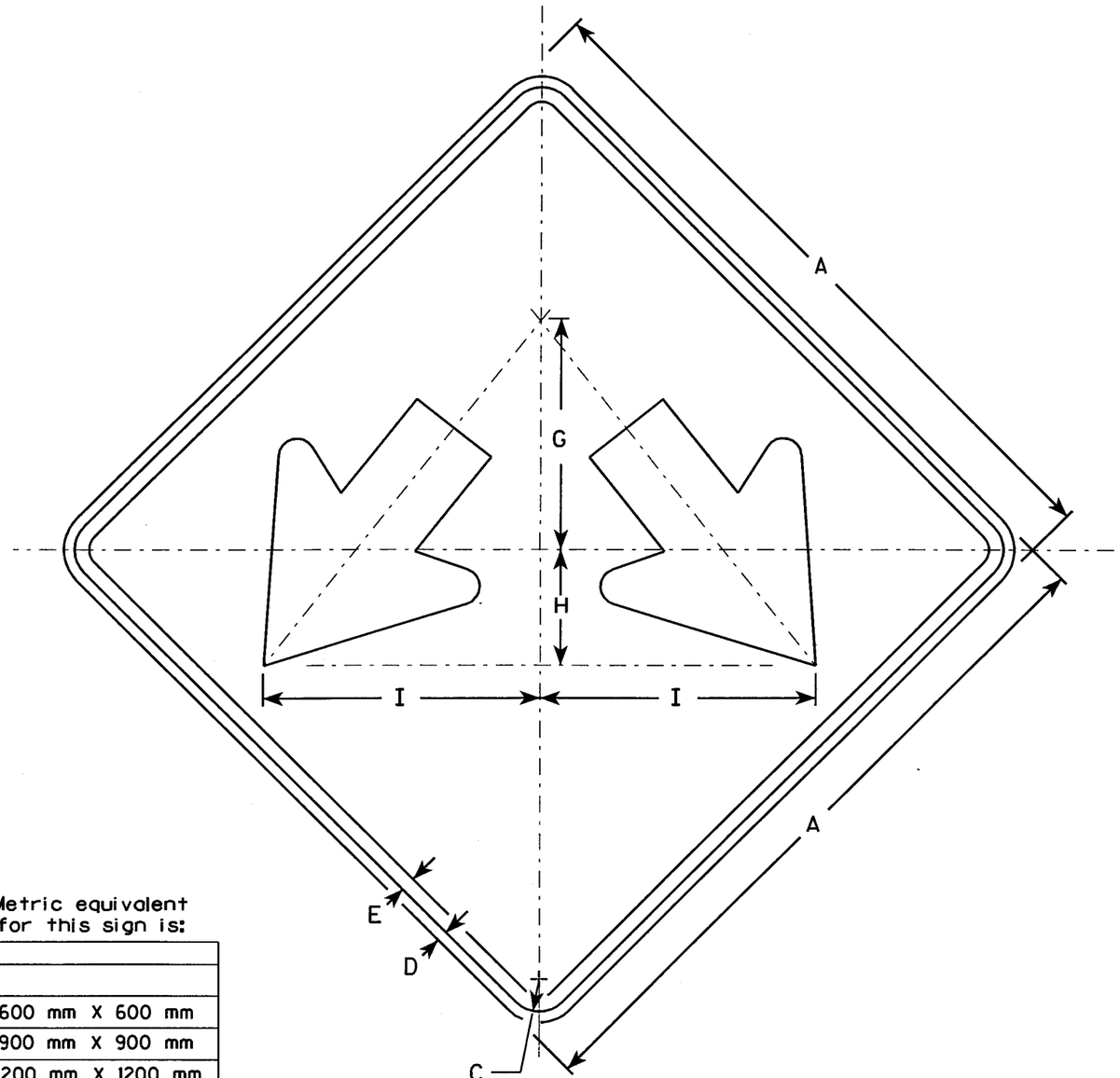
APPROVED Chester J Spang for State Traffic Engineer

DATE 1/25/02 PLATE NO. W11-2.5

STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 203	E

7

58,59,60,61, 63
LEVELS ON • I,2,3, 5,6, 10,



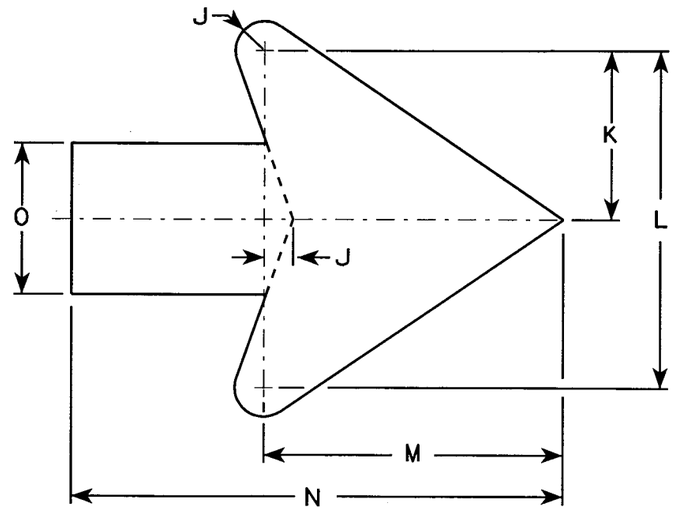
W12-1D

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	1200 mm X 1200 mm
5	2400 mm X 2400 mm

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1																												
2	24		1 1/8	3/8	1/2		8	4	9 1/2	5/8	3 5/8	7 1/4	6 3/8	10 1/2	3 1/8												4.0	0.36
3	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0	0.81
4	48		2 1/4	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0	1.44
5	96		4 1/2	1 1/2	2		32	16	38	2 1/2	14 1/2	29	25 1/2	42	12 1/2												64.0	5.76

STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Sponge
for State Traffic Engineer

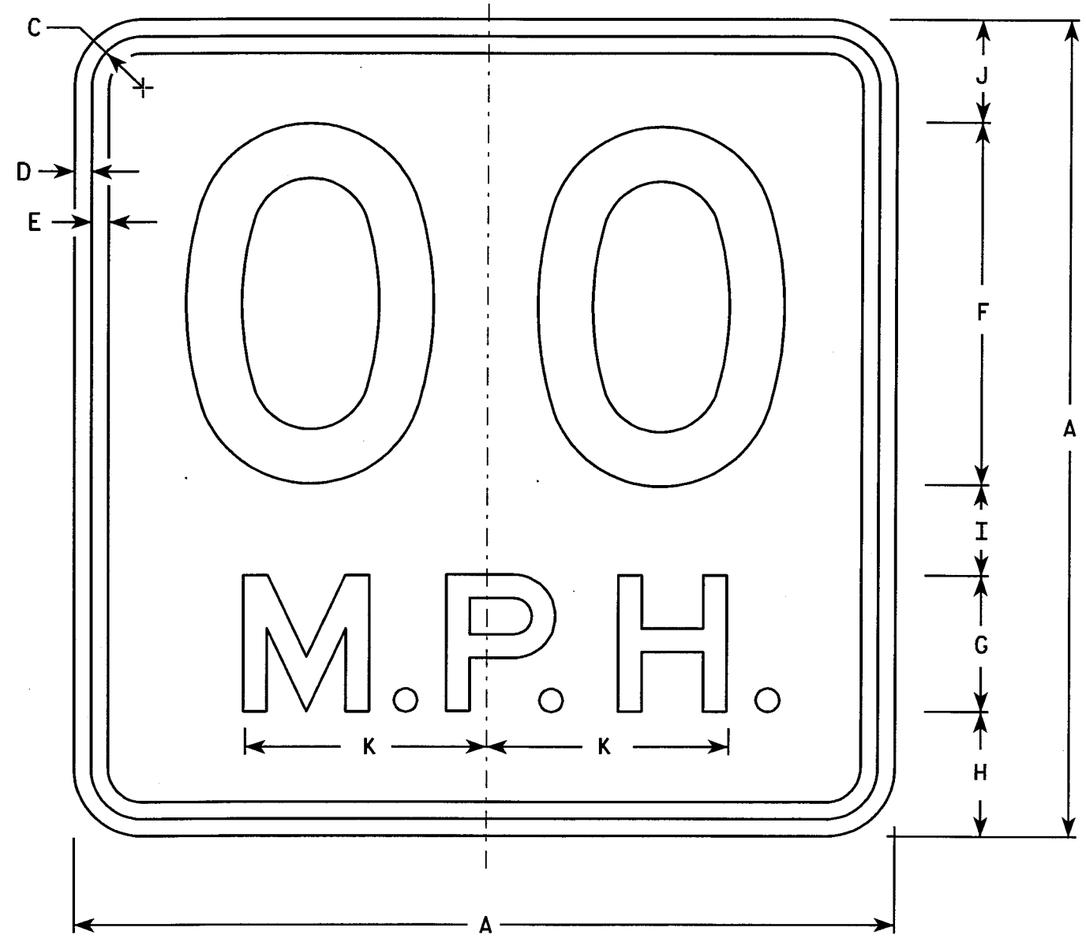
DATE 01/22/02 PLATE NO. W12-1D.12

STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 204	E

FILE NAME : C:\Users\Projects\tr_stdplate\W121D.DGN PLOT DATE : 22-JAN-2002 11:12 ORG DATE : PLOT NAME : Originator : Artie Noll PLOT SCALE : 4.724782:1.000000

WISDOT/CADDS SHEET 42

LEVELS ON - 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



W13-1 & W13-1W

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See Note 7
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E
7. W13-1 has a yellow background while W13-1W has a white background.

Metric equivalent for this sign is:

SIZE	
1	450 mm X 450 mm
2	450 mm X 450 mm
3	600 mm X 600 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m²
1	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25	0.20
2	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25	0.20
3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00	0.36
4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00	0.81
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00	0.81

STANDARD SIGN
W13-1 & W13-1W

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charita J Spang for State Traffic Engineer

DATE 01/22/02 PLATE NO. W13-1.11

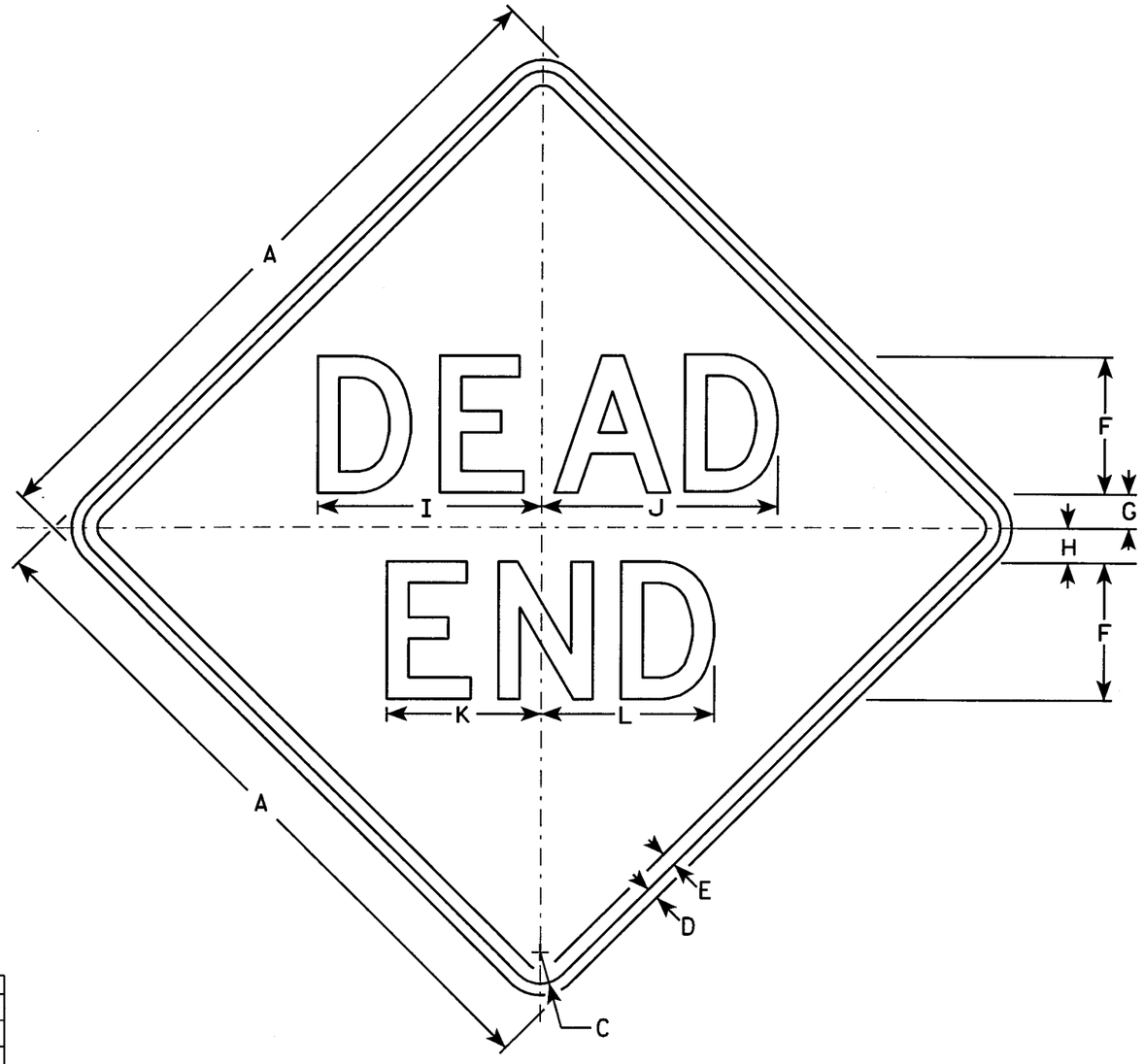
7

STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 205	E

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

FILE NAME : C:\Users\Projects\tr_stdplate\W131.DGN PLOT DATE : 23-JAN-2002 16:00 ORG DATE : PLOT NAME : Originator : Artie Noll PLOT SCALE : 3.232746:1.000000

WISDOT/CADDS SHEET 42



W14-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

Metric equivalent for this sign is:

SIZE	
1	600 mm X 600 mm
2	750 mm X 750 mm
3	900 mm X 900 mm
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq. sq. ft.	Areq m^2
1	24		1 1/8	3/8	1/2	5	1	2	8 1/4	8 5/8	5 5/8	6 1/4															4.0	0.36
2	30		1 3/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25	0.56
3	36		1 5/8	5/8	3/4	7	2	3	11 3/8	12	7 7/8	8 3/4															9.0	0.81
4																												
5																												

STANDARD SIGN
W14-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spare for State Traffic Engineer

DATE 01/23/02 PLATE NO. W14-1.5

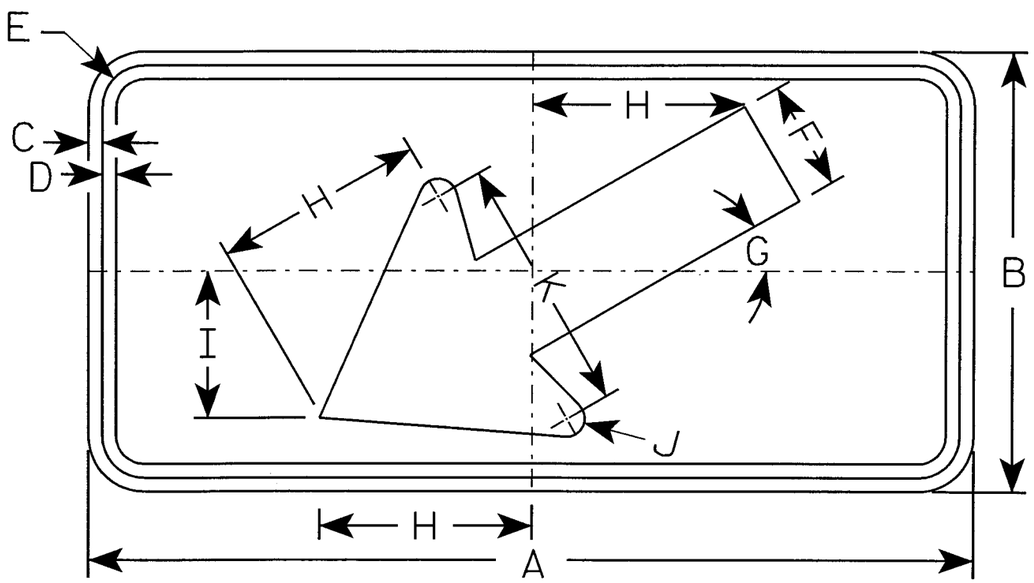
STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 206	E

FILE NAME : C:\Users\Projects\tr_stdplate\W141.DGN PLOT DATE : 23-JAN-2002 07:33 ORG DATE : PLOT NAME : Originator : Artie Noll PLOT SCALE : 6.216819:1.000000

WISDOT/CADDS SHEET 42

7

LEVELS ON - 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



W16-7L
WF16-7L

NOTES

1. Sign is Type II - Reflective or Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See Note 5
   Message - See Note 5
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W16-7R & WF16-7R are the same as W16-L & WF-16-7L except the arrow is reversed along the vertical centerline.
5. W16-7R & W16-7L
   Background - Reflective Yellow
   Message - Black
   WF16-7R & WF16-7L
   Background - Type F Reflective Yellow-Green
   Message - Black

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 300 mm
3	750 mm X 450 mm
4	
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	24	12	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0	0.18
3	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75	0.34
4																												
5																												

STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 10/2/01 PLATE NO. W16-7.1

STATE PROJECT NUMBER:	HWY:	COUNTY:			SHEET NO: 207	E

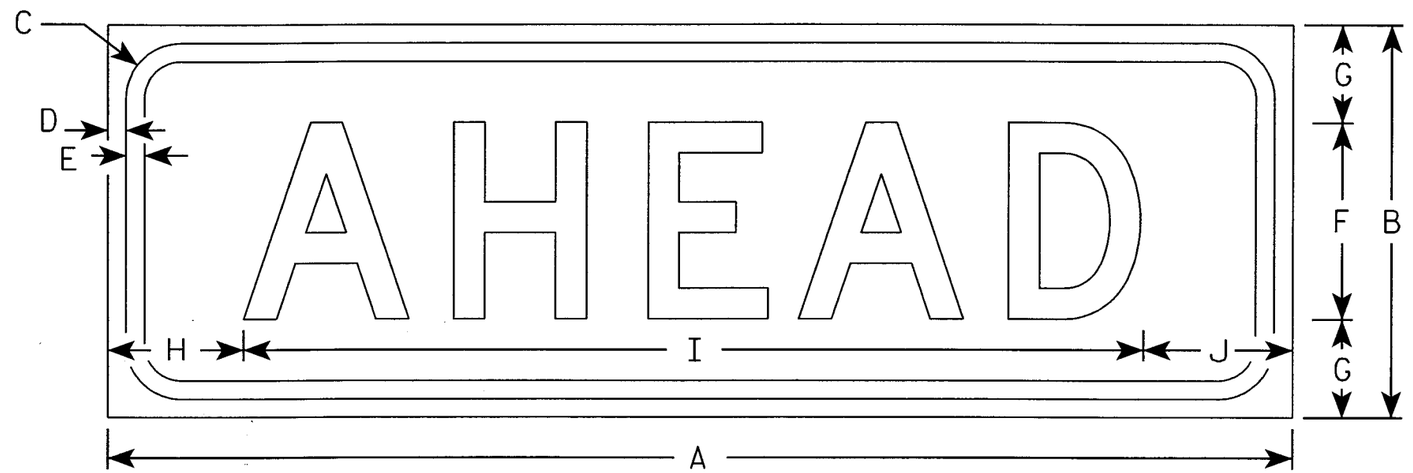
FILE NAME : D:\Users\Projects\tr_stdplate\w167.dgn PLOT DATE : 02-OCT-2001 14:26 ORG DATE : 9/17/01 PLOT NAME : Originator : Sandy Anderson PLOT SCALE : 4.135986:1.000000

WISDOT/CADDS SHEET 42

7

LEVELS ON • 2.3. 5.6. 10.

58.59.60. 63



W16-9P
WF16-9P

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See Note 5
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. W16-9P
   Background - Type H Reflective Yellow
   WF16-9P
   Background - Type F Reflective Yellow-Green

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 200 mm
3	900 mm X 350 mm
4	1200 mm X 450 mm
5	

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m2
1																												
2	24	8	1 1/8	3/8	3/8	4	2	2 3/4	18 1/4	3																	1.34	0.12
3	36	14	1 1/8	3/8	1/2	7	3 1/2	2 1/4	31	2 3/4																	3.5	0.32
4	48	18	1 3/8	1/2	5/8	9	4 1/2	3 3/4	40 1/4	4																	6.0	0.54
5																												

STANDARD SIGN
W16-9P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spanje for State Traffic Engineer

DATE 4/24/02 PLATE NO. W16-9P.1

STATE PROJECT NUMBER: | HWY: | COUNTY: | SHEET NO: 208 | E

7

58.59.60.61.62.63

LEVELS ON • 2.3. 5.6. 10.

FILE NAME : d:\Users\Projects\tr_stdplate\W169P.DGN PLOT DATE : 01-MAY-2002 14:50 ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : 2.984073:1.000000

WISDOT/CADDS SHEET 42

6675-00-73 C.T.H R (STAGE 1) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
90+50	0	94.6					
91+00	7.2	99.4	6.67	233.52	6.67	233.52	-226.85
91+50	14.3	93.9	19.91	232.68	26.57	466.19	-439.62
92+00	6.2	46.3	18.98	168.76	45.56	634.95	-589.40
92+50	1.1	6.78	6.76	63.89	52.31	698.85	-646.53
93+00	0	109.4	1.02	139.85	53.33	838.69	-785.36
93+50	0	157.8	0.00	321.63	53.33	1160.32	-1106.99
94+00	0	278.3	0.00	524.94	53.33	1685.26	-1631.92
94+50	0	309.2	0.00	707.18	53.33	2392.43	-2339.10
95+00	0	301.2	0.00	734.74	53.33	3127.17	-3073.84
95+50	0	225.1	0.00	633.51	53.33	3760.68	-3707.35
96+00	0	138.8	0.00	438.03	53.33	4198.71	-4145.38
96+50	23.3	98.5	21.57	285.64	74.91	4484.35	-4409.44
97+00	0	92.6	21.57	230.03	96.48	4714.38	-4617.90
97+50	10.3	117.1	9.54	252.42	106.02	4966.79	-4860.78
98+00	15.7	143	24.07	313.08	130.09	5279.88	-5149.79
98+50	15.2	165.9	28.61	371.82	158.70	5651.70	-5493.00
99+00	65.5	97.5	74.72	317.06	233.43	5968.76	-5735.33
99+50	13.7	182	73.33	336.44	306.76	6305.19	-5998.43
100+00	0	192	12.69	450.19	319.44	6755.38	-6435.93
100+50	0	220.1	0.00	496.05	319.44	7251.42	-6931.98
101+00	0	198	0.00	503.27	319.44	7754.69	-7435.25
101+50	0	242.9	0.00	530.71	319.44	8285.41	-7965.96
102+00	0	238.2	0.00	579.10	319.44	8864.51	-8545.06
102+50	0	234	0.00	568.39	319.44	9432.90	-9113.45
103+00	7.4	191.7	6.85	512.42	326.30	9945.31	-9619.02
103+50	2.2	179.1	8.89	446.33	335.19	10391.65	-10056.46
104+00	1.4	161	3.33	409.38	338.52	10801.03	-10462.51
104+50	1.4	142.8	2.59	365.69	341.11	11166.71	-10825.60
105+00	0	149.9	1.30	352.32	342.41	11519.04	-11176.63
105+50	0	118.3	0.00	322.83	342.41	11841.87	-11499.46
106+00	0	97.9	0.00	260.24	342.41	12102.11	-11759.70
106+50	8.1	33.8	7.50	158.53	349.91	12260.64	-11910.73
107+00	28.2	19.9	33.61	64.64	383.52	12325.28	-11941.76
107+50	50.7	16	73.06	43.21	456.57	12368.49	-11911.91
108+00	94.3	9.7	134.26	30.94	590.83	12399.42	-11808.59
108+50	91.2	9.1	171.76	22.63	762.59	12422.05	-11659.46
109+00	29.9	6.7	112.13	19.02	874.72	12441.07	-11566.35
109+50	33.4	0	58.61	8.06	933.33	12449.14	-11515.80
110+00	20.4	8.8	49.81	10.59	983.15	12459.73	-11476.58
110+50	23.9	15	41.02	28.65	1024.17	12488.38	-11464.21
111+00	21.7	14.6	42.22	35.63	1066.39	12524.01	-11457.62
111+50	33.3	9.6	50.93	29.13	1117.31	12553.14	-11435.82
112+00	40.8	4.3	68.61	16.73	1185.93	12569.87	-11383.94
112+50	37.9	5.3	72.87	11.56	1258.80	12581.42	-11322.63
113+00	29.4	6.6	62.31	14.32	1321.11	12595.75	-11274.64
113+50	29.4	6.6	54.44	15.89	1375.56	12611.64	-11236.08
114+00	4.8	35.6	31.67	50.80	1407.22	12662.43	-11255.21
114+50	0	31.9	4.44	81.25	1411.67	12743.68	-11332.02
115+00	2.1	46.2	1.94	94.01	1413.61	12837.69	-11424.08
115+50	9.3	58	10.56	125.43	1424.17	12963.12	-11538.95

6675-00-73 C.T.H R (STAGE 1) (CONT'D) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
116+00	62.7	16.4	66.67	89.56	1490.83	13052.67	-11561.84
116+50	0	33.6	58.06	60.19	1548.89	13112.86	-11563.97
117+00	27.7	75	25.65	130.72	1574.54	13243.58	-11669.04
117+50	38.3	72.6	61.11	177.67	1635.65	13421.25	-11785.60
118+00	30	8.1	63.24	97.14	1698.89	13518.39	-11819.50
118+50	4.6	31	32.04	47.06	1730.93	13565.45	-11834.53
119+00	9.9	34.6	13.43	78.96	1744.35	13644.41	-11900.06
119+50	10.6	38.3	18.98	87.75	1763.33	13732.16	-11968.83
120+00	11.3	41.6	20.28	96.18	1783.61	13828.34	-12044.73
120+50	7.2	45.7	17.13	105.08	1800.74	13933.42	-12132.68
121+00	4.4	48.5	10.74	113.39	1811.48	14046.81	-12235.33
121+50	14.4	9	17.41	69.21	1828.89	14116.03	-12287.14
122+00	6.5	33.1	19.35	50.68	1848.24	14166.70	-12318.46
122+50	50.6	2.1	52.87	42.37	1901.11	14209.07	-12307.96
123+00	10	38	56.11	48.27	1957.22	14257.34	-12300.12
123+50	8.6	33.2	17.22	85.70	1974.44	14343.04	-12368.60
124+00	13.7	24.5	20.65	69.45	1995.09	14412.50	-12417.41
124+50	11	64.4	22.87	107.01	2017.96	14519.51	-12501.54
125+00	13.2	30.3	22.41	113.99	2040.37	14633.50	-12593.13
125+50	3.7	46.6	15.65	92.56	2056.02	14726.06	-12670.04
126+00	10.7	52.4	13.33	119.17	2069.35	14845.23	-12775.88
126+50	1.1	61.2	10.93	136.74	2080.28	14981.97	-12901.69
127+00	0	58.3	1.02	143.84	2081.30	15125.81	-13044.52
127+50	32.6	3	30.19	73.79	2111.48	15199.60	-13088.12
128+00	4.8	21.6	34.63	29.61	2146.11	15229.21	-13083.10
128+50	0	28.2	4.44	59.94	2150.56	15289.16	-13138.60
129+00	20.1	15.6	18.61	52.72	2169.17	15341.88	-13172.71
129+50	35.3	14	51.30	35.63	2220.46	15377.51	-13157.04
130+00	42.3	3.5	71.85	21.06	2292.31	15398.57	-13106.26
130+50	23.1	4.6	60.56	9.75	2352.87	15408.32	-13055.45
131+00	23.1	4.6	42.78	11.07	2395.65	15419.40	-13023.75
131+50	21.6	4.6	41.39	11.07	2437.04	15430.47	-12993.43
132+00	0	43.3	20.00	57.66	2457.04	15488.13	-13031.09
132+50	0	38.2	0.00	98.10	2457.04	15586.23	-13129.19
133+00	2.8	90.7	2.59	155.16	2459.63	15741.39	-13281.76
133+50	1.1	108	3.61	239.18	2463.24	15980.56	-13517.32
134+00	1.3	97.4	2.22	247.24	2465.46	16227.80	-13762.34
134+50	1	58.1	2.13	187.18	2467.59	16414.98	-13947.39
135+00	3.7	48.9	4.35	128.80	2471.94	16543.78	-14071.83
135+50	3	97.2	6.20	175.86	2478.15	16719.64	-14241.49
136+00	1.1	86.7	3.80	221.36	2481.94	16941.00	-14459.05
136+50	1.5	89.4	2.41	211.97	2484.35	17152.97	-14668.62
137+00	11.9	44	12.41	160.57	2496.76	17313.54	-14816.79
137+50	5.7	73.8	16.30	141.80	2513.06	17455.34	-14942.29
138+00	0	195	5.28	323.56	2518.33	17778.90	-15260.56
138+50	0	184.8	0.00	457.17	2518.33	18236.06	-15717.73
139+00	0	163.4	0.00	419.13	2518.33	18655.19	-16136.86
139+50	0	146	0.00	372.43	2518.33	19027.62	-16509.29
140+00	0	100	0.00	296.11	2518.33	19323.73	-16805.40
140+50	0	181	0.00	338.24	2518.33	19661.97	-17143.64
141+00	0	295	0.00	572.96	2518.33	20234.93	-17716.60
141+50	0	127	0.00	507.96	2518.33	20742.90	-18224.56
142+00	0	198	0.00	391.20	2518.33	21134.10	-18615.77
142+50	0	136	0.00	402.04	2518.33	21536.14	-19017.80
143+00	0	118	0.00	305.74	2518.33	21841.88	-19323.54
143+50	0	95	0.00	256.39	2518.33	22098.27	-19579.93

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	EARTHWORK TABULATIONS	SCALE, FEET 0 NTS	SHEET NO: 209	E

FILE NAME : e:\trans\widot\0223.00\cad\ewcthn01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:32 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

6675-00-73 C.T.H. R (STAGE 2) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
90+50	0	85.3					
91+00	0	63.3	0.00	178.87	0.00	178.87	-178.87
91+50	0	36.8	0.00	120.49	0.00	299.36	-299.36
92+00	0	28.8	0.00	78.96	0.00	378.32	-378.32
92+50	0	24.6	0.00	64.28	0.00	442.60	-442.60
93+00	0	36.6	0.00	73.67	0.00	516.27	-516.27
93+50	0	43.6	0.00	96.54	0.00	612.81	-612.81
94+00	0	46.5	0.00	108.45	0.00	721.26	-721.26
94+50	0	58.4	0.00	126.27	0.00	847.53	-847.53
95+00	0	67.7	0.00	151.79	0.00	999.31	-999.31
95+50	0	76.1	0.00	173.09	0.00	1172.41	-1172.41
96+00	0	84.1	0.00	192.83	0.00	1365.24	-1365.24
96+50	0	99	0.00	220.40	0.00	1585.64	-1585.64
97+00	0	130.3	0.00	276.01	0.00	1861.65	-1861.65
97+50	0	170.2	0.00	361.71	0.00	2223.36	-2223.36
98+00	0	198.2	0.00	443.44	0.00	2666.81	-2666.81
98+50	0	244.5	0.00	532.88	0.00	3199.69	-3199.69
99+00	0	267.4	0.00	616.18	0.00	3815.86	-3815.86
99+50	0	261.6	0.00	636.76	0.00	4452.62	-4452.62
100+00	0	240.6	0.00	604.50	0.00	5057.12	-5057.12
100+50	0	216.9	0.00	550.69	0.00	5607.81	-5607.81
101+00	0	188.6	0.00	488.10	0.00	6095.92	-6095.92
101+50	0	158.6	0.00	417.93	0.00	6513.84	-6513.84
102+00	0	114	0.00	328.13	0.00	6841.97	-6841.97
102+50	0	79.5	0.00	232.92	0.00	7074.89	-7074.89
103+00	0	50.6	0.00	156.60	0.00	7231.49	-7231.49
103+50	2.4	33.3	2.22	100.99	2.22	7332.48	-7330.26
104+00	0	26.3	2.22	71.74	4.44	7404.22	-7399.78
104+50	0	20.5	0.00	56.33	4.44	7460.56	-7456.11
105+00	0	13.6	0.00	41.05	4.44	7501.60	-7497.16
105+50	0	12.3	0.00	31.18	4.44	7532.78	-7528.33
106+00	11.1	14.5	10.28	32.26	14.72	7565.04	-7550.31
106+50	25.6	5.1	33.98	23.59	48.70	7588.63	-7539.93
107+00	33.3	3.3	54.54	10.11	103.24	7598.74	-7495.50
107+50	36.7	2.9	64.81	7.46	168.06	7606.20	-7438.15
108+00	36	2.6	67.31	6.62	235.37	7612.82	-7377.45
108+50	30.5	0	61.57	3.13	296.94	7615.95	-7319.01
109+00	22.8	0	49.35	0.00	346.30	7615.95	-7269.66
109+50	31.4	0	50.19	0.00	396.48	7615.95	-7219.47
110+00	25.2	3.2	52.41	3.85	448.89	7619.81	-7170.92
110+50	32.9	2.3	53.80	6.62	502.69	7626.43	-7123.74
111+00	41.5	1.4	68.89	4.45	571.57	7630.88	-7059.31
111+50	46.7	0	81.67	1.69	653.24	7632.56	-6979.32
112+00	64.9	0	103.33	0.00	756.57	7632.56	-6875.99
112+50	53.8	2.1	109.91	2.53	866.48	7635.09	-6768.61
113+00	42.7	2.3	89.35	5.30	955.83	7640.39	-6684.56
113+50	40.1	2.7	76.67	6.02	1032.50	7646.41	-6613.91
114+00	35.8	2.2	70.28	5.90	1102.78	7652.31	-6549.53
114+50	34.2	2.8	64.81	6.02	1167.59	7658.32	-6490.73
115+00	30.8	2.8	60.19	6.74	1227.78	7665.06	-6437.29
115+50	31.9	4.8	58.06	9.15	1285.83	7674.21	-6388.38
116+00	37.1	0	63.89	5.78	1349.72	7679.99	-6330.27

6675-00-73 C.T.H. R (STAGE 2)(CONT'D) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
116+00	37.1	0	63.89	5.78	1349.72	7679.99	-6330.27
116+50	29.1	3.8	61.30	4.57	1411.02	7684.56	-6273.55
117+00	28	5.3	52.87	10.95	1463.89	7695.52	-6231.63
117+50	27.8	4.3	51.67	11.56	1515.56	7707.07	-6191.52
118+00	33.7	0	56.94	5.18	1572.50	7712.25	-6139.75
118+50	22.3	3.8	51.85	4.57	1624.35	7716.82	-6092.47
119+00	19.1	4.9	38.33	10.47	1662.69	7727.30	-6064.61
119+50	14.6	6	31.20	13.12	1693.89	7740.42	-6046.53
120+00	9.2	7.2	22.04	15.89	1715.93	7756.31	-6040.38
120+50	9.5	8.2	17.31	18.54	1733.24	7774.84	-6041.60
121+00	16	10	23.61	21.91	1756.85	7796.75	-6039.90
121+50	6	9.1	20.37	22.99	1777.22	7819.74	-6042.52
122+00	1.9	10	7.31	22.99	1784.54	7842.73	-6058.19
122+50	4.9	0	6.30	12.04	1790.83	7854.77	-6063.94
123+00	0	8.2	4.54	9.87	1795.37	7864.64	-6069.27
123+50	0	6.9	0.00	18.18	1795.37	7882.81	-6087.44
124+00	8.6	4.6	7.96	13.84	1803.33	7896.66	-6093.32
124+50	12.2	3.3	19.26	9.51	1822.59	7906.17	-6083.57
125+00	14.8	2.6	25.00	7.10	1847.59	7913.27	-6065.68
125+50	14.6	3.3	27.22	7.10	1874.81	7920.37	-6045.56
126+00	13.4	3.4	25.93	8.06	1900.74	7928.44	-6027.69
126+50	39.2	3.6	48.70	8.43	1949.44	7936.86	-5987.42
127+00	35.3	3.7	68.98	8.79	2018.43	7945.65	-5927.22
127+50	21	0	52.13	4.45	2070.56	7950.10	-5879.55
128+00	18.2	2.2	36.30	2.65	2106.85	7952.75	-5845.90
128+50	9.2	2.6	25.37	5.78	2132.22	7958.53	-5826.31
129+00	5.4	3.1	13.52	6.86	2145.74	7965.39	-5819.65
129+50	0	1.7	5.00	5.78	2150.74	7971.17	-5820.43
130+00	11.5	0	10.65	2.05	2161.39	7973.21	-5811.82
130+50	40.4	0	48.06	0.00	2209.44	7973.21	-5763.77
131+00	25.6	0	61.11	0.00	2270.56	7973.21	-5702.66
131+50	24.8	0	46.67	0.00	2317.22	7973.21	-5655.99
132+00	17.2	0	38.89	0.00	2356.11	7973.21	-5617.10
132+50	18.4	0	32.96	0.00	2389.07	7973.21	-5584.14
133+00	11.1	0	27.31	0.00	2416.39	7973.21	-5556.82
133+50	27.4	0	35.65	0.00	2452.04	7973.21	-5521.18
134+00	37.2	0	59.81	0.00	2511.85	7973.21	-5461.36
134+50	40.4	0	71.85	0.00	2583.70	7973.21	-5389.51
135+00	41.7	0	76.02	0.00	2659.72	7973.21	-5313.49
135+50	0	32.9	38.61	39.60	2698.33	8012.81	-5314.48
136+00	0	28	0.00	73.31	2698.33	8086.12	-5387.79
136+50	0	23.8	0.00	62.35	2698.33	8148.47	-5450.14
137+00	0	23.9	0.00	57.42	2698.33	8205.89	-5507.56
137+50	0	37.3	0.00	73.67	2698.33	8279.56	-5581.22
138+00	0	38.2	0.00	90.88	2698.33	8370.44	-5672.10
138+50	0	34.2	0.00	87.15	2698.33	8457.58	-5759.25
139+00	14	32.8	12.96	80.65	2711.30	8538.23	-5826.94
139+50	24.8	15.7	35.93	58.38	2747.22	8596.61	-5849.39
140+00	36	6	56.30	26.12	2803.52	8622.73	-5819.21
140+50	49	0	78.70	7.22	2882.22	8629.95	-5747.73
141+00	55	0	96.30	0.00	2978.52	8629.95	-5651.44
141+50	38	6	86.11	7.22	3064.63	8637.18	-5572.55
142+00	23	9	56.48	18.06	3121.11	8655.23	-5534.12
142+50	12	19	32.41	33.70	3153.52	8688.94	-5535.42
143+00	5	21	15.74	48.15	3169.26	8737.08	-5567.82
143+50	0	45	4.63	79.44	3173.89	8816.53	-5642.64

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	EARTHWORK TABULATIONS	SCALE, FEET 0 NTS	SHEET NO: 210	E

FILE NAME : e:\trans\widot\0223.00\cad\ewcthn01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:36 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

6651-01-71 C.T.H. N - MAINLINE (STAGE 1) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
60+00	99	12.5					
60+50	83.4	19.4	168.89	38.40	168.89	38.40	130.49
61+00	58.9	0	131.76	23.35	300.65	61.75	238.90
61+50	97.3	13.6	144.63	16.37	445.28	78.12	367.16
62+00	73	29.1	157.69	51.40	602.96	129.52	473.44
62+50	12.4	109	79.07	166.23	682.04	295.75	386.29
63+00	3.6	219.6	14.81	395.54	696.85	691.29	5.56
63+50	42.9	49.6	43.06	324.04	739.91	1015.32	-275.42
64+00	68.6	33.7	103.24	100.27	843.15	1115.59	-272.44
64+50	0	58.7	63.52	111.22	906.67	1226.81	-320.15
65+00	0	28.1	0.00	104.48	906.67	1331.30	-424.63
65+50	106.8	11.3	98.89	47.43	1005.56	1378.72	-373.17
66+00	93.5	18.2	185.46	35.51	1191.02	1414.23	-223.21
66+50	64.4	37.1	146.20	66.56	1337.22	1480.80	-143.57
67+00	79.5	40.3	133.24	93.17	1470.46	1573.96	-103.50
67+50	16.7	74.9	89.07	138.67	1559.54	1712.63	-153.09
68+00	31.5	40.7	44.63	139.15	1604.17	1851.78	-247.61
68+50	9	89.2	37.50	156.36	1641.67	2008.14	-366.47
69+00	9.5	109.8	17.13	239.54	1658.80	2247.68	-588.88
69+50	5.9	133.2	14.26	292.50	1673.06	2540.18	-867.12
70+00	8.5	161.6	13.33	354.85	1686.39	2895.03	-1208.64
70+50 CTH N	13	188.7	19.91	421.66	1706.30	3316.69	-1610.39
71+00	4	53.5	15.74	291.54	1722.04	3608.22	-1886.19
71+50	3.6	24.4	7.04	93.77	1729.07	3701.99	-1972.92
72+00	17.3	62.6	19.35	104.72	1748.43	3806.71	-2058.29
72+50	179.5	115	182.22	213.78	1930.65	4020.49	-2089.84
73+00 CTH R	577.2	54.2	700.65	203.67	2631.30	4224.16	-1592.86
73+50	929.2	50	1394.81	125.43	4026.11	4349.58	-323.47
74+00	653.4	55.3	1465.37	126.75	5491.48	4476.33	1015.15
74+50	745.6	83.5	1295.37	167.07	6786.85	4643.41	2143.44
75+00	654.0	139.9	1295.93	268.91	8082.78	4912.31	3170.46
75+50	553.1	353.5	1117.69	593.91	9200.46	5506.22	3694.24
76+00	448.5	310.3	927.41	799.02	10127.87	6305.24	3822.63
76+50	329.9	355	720.74	800.82	10848.61	7106.06	3742.55
77+00	220.4	586.6	509.54	1133.41	11358.15	8239.47	3118.68
77+50	151.1	588.5	343.98	1414.47	11702.13	9653.94	2048.19
78+00	69	706.7	63.89	1559.04	11905.93	11212.98	692.94
78+50	0	429.9	63.89	1368.13	11969.81	12581.11	-611.30
79+00	0	337.9	0.00	924.20	11969.81	13505.31	-1535.50
79+50	0	217.5	0.00	668.54	11969.81	14173.85	-2204.04
80+00	0	224.9	0.00	532.52	11969.81	14706.37	-2736.56
80+50	4.9	42.9	4.54	322.35	11974.35	15028.72	-3054.37
81+00	28.7	14.4	31.11	68.97	12005.46	15097.69	-3092.23
81+50	24.4	19.6	49.17	40.93	12054.63	15138.62	-3083.99
82+00	4.5	46.9	26.76	80.05	12081.39	15218.67	-3137.28
82+50	0	72.3	4.17	143.48	12085.56	15362.15	-3276.59
83+00	0	121.2	0.00	232.92	12085.56	15595.06	-3509.51
83+50	0	306.1	0.00	514.34	12085.56	16109.41	-4023.85
84+00	0	329	0.00	764.47	12085.56	16873.88	-4788.32
84+50	0	344.5	0.00	810.69	12085.56	17684.57	-5599.02
85+00	0	329.7	0.00	811.54	12085.56	18496.11	-6410.56
85+50	0	347.2	0.00	814.79	12085.56	19310.90	-7225.34
86+00	0	288.3	0.00	764.95	12085.56	20075.85	-7990.30
86+50	0	220.7	0.00	612.69	12085.56	20688.54	-8602.98
87+00	0	53	0.00	329.45	12085.56	21017.99	-8932.44
87+50	0	130.9	0.00	221.36	12085.56	21239.35	-9153.80
88+00	0	155.4	0.00	344.62	12085.56	21583.97	-9498.42
88+50	0	233.1	0.00	467.64	12085.56	22051.61	-9966.06
89+00	0	478.6	0.00	856.68	12085.56	22908.29	-10822.73
89+50	0	271.8	0.00	903.26	12085.56	23811.55	-11725.99
90+00	0	229.8	0.00	603.78	12085.56	24415.32	-12329.77
90+50	0	94.6	0.00	390.48	12085.56	24805.81	-12720.25

6651-01-71 C.T.H. N - MAINLINE (STAGE 2) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
78+50	151.9	76.2					
79+00	16.7	36.1	156.11	135.18	156.11	135.18	20.94
79+50	42	41.8	54.35	93.77	210.46	228.94	-18.48
80+00	29.8	112.8	66.48	186.09	276.94	415.04	-138.09
80+50	27.6	129.2	53.15	291.30	330.09	706.33	-376.24
81+00	0	83.1	25.56	255.55	355.65	961.88	-606.23
81+50	0	99.9	0.00	220.28	355.65	1182.16	-826.51
82+00	0	164.3	0.00	318.02	355.65	1500.18	-1144.53
82+50	0	121.6	0.00	344.14	355.65	1844.31	-1488.67
83+00	0	126.7	0.00	298.88	355.65	2143.19	-1787.55
83+50	0	127.5	0.00	305.98	355.65	2449.18	-2093.53
84+00	0	114.9	0.00	291.78	355.65	2740.95	-2385.31
84+50	0	150.9	0.00	319.94	355.65	3060.90	-2705.25
85+00	0	47.2	0.00	238.45	355.65	3299.35	-2943.70
85+50	0	62.9	0.00	132.53	355.65	3431.88	-3076.23
86+00	0	75.8	0.00	166.95	355.65	3598.83	-3243.19
86+50	0	93.4	0.00	203.67	355.65	3802.50	-3446.85
87+00	0	111.7	0.00	246.88	355.65	4049.38	-3693.73
87+50	0	137.7	0.00	300.20	355.65	4349.58	-3993.94
88+00	0	232	0.00	445.01	355.65	4794.59	-4438.94
88+50	0	273.6	0.00	608.59	355.65	5403.19	-5047.54
89+00	0	264.3	0.00	647.47	355.65	6050.66	-5695.01
89+50	0	202.2	0.00	561.53	355.65	6612.19	-6256.54
90+00	0	169.8	0.00	447.78	355.65	7059.96	-6704.31
90+50	0	85.3	0.00	307.06	355.65	7367.03	-7011.38

C.T.H. R (STAGE 1) - EBS EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
PROJECT 6651-01-71							
83+30	122	0					
83+50	122	0	90.37	0.00	90.37	0.00	90.37
84+00	136	0	238.89	0.00	329.26	0.00	329.26
84+50	136	0	251.85	0.00	581.11	0.00	581.11
85+00	138	0	253.70	0.00	834.81	0.00	834.81
85+50	138	0	255.56	0.00	1090.37	0.00	1090.37
86+00	134	0	251.85	0.00	1342.22	0.00	1342.22
86+50	84	0	201.85	0.00	1544.07	0.00	1544.07
86+70	84	0	62.22	0.00	1606.30	0.00	1606.30
PROJECT 6675-00-73							
135+80	32	0					
136+00	32	0	23.70	0.00	23.70	0.00	23.70
136+50	37	0	63.89	0.00	87.59	0.00	87.59
137+00	0	0	34.26	0.00	121.85	0.00	121.85
137+50	0	0	0.00	0.00	121.85	0.00	121.85
138+00	105	0	97.22	0.00	219.07	0.00	219.07
138+50	105	0	194.44	0.00	413.52	0.00	413.52
139+00	106	0	195.37	0.00	608.89	0.00	608.89
139+50	103	0	193.52	0.00	802.41	0.00	802.41
140+00	97	0	185.19	0.00	987.59	0.00	987.59
140+50	104	0	186.11	0.00	1173.70	0.00	1173.70
141+00	106	0	194.44	0.00	1368.15	0.00	1368.15
141+50	98	0	188.89	0.00	1557.04	0.00	1557.04
142+00	101	0	184.26	0.00	1741.30	0.00	1741.30
142+50	108	0	193.52	0.00	1934.81	0.00	1934.81
143+00	104	0	196.30	0.00	2131.11	0.00	2131.11
143+50	100	0	188.89	0.00	2320.00	0.00	2320.00
143+70	100	0	74.07	0.00	2394.07	0.00	2394.07

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER: 6651-01-71 6675-01-73	HWY: CTH N/CTH R	COUNTY: MARATHON	EARTHWORK TABULATIONS	SCALE, FEET 0 NTS	SHEET NO: 211	E

FILE NAME : e:\trans\widot\0223.00\cad\ewcthn01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:42 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

SIDEROADS — EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
LILY LANE (STAGE 1) 6651-01-71							
3+75	61	0					
4+00	64	0	57.87	0.00	57.87	0.00	57.87
4+25	86	3	69.44	1.81	127.31	1.81	125.51
4+50	98	0	85.19	1.81	212.50	3.61	208.89
4+75	0	0	45.37	0.00	257.87	3.61	254.26
5+00	0	0	0.00	0.00	257.87	3.61	254.26
5+25	0	0	0.00	0.00	257.87	3.61	254.26
5+50	3	75	1.39	45.14	259.26	48.75	210.51
5+75	3	53	2.78	77.04	262.04	125.79	136.25
6+00	48	0	23.61	31.90	285.65	157.69	127.96
JONQUIL LANE (STAGE 1) 6651-01-71							
3+75	48	0					
4+00	50	1	45.37	0.60	45.37	0.60	44.77
4+25	69	5	55.09	3.61	100.46	4.21	96.25
4+50	4	47	33.80	31.30	134.26	35.51	98.75
4+75	0	0	1.85	28.29	136.11	63.80	72.31
5+00	0	0	0.00	0.00	136.11	63.80	72.31
5+25	0	0	0.00	0.00	136.11	63.80	72.31
5+50	24	22	11.11	13.24	147.22	77.04	70.19
5+75	36	3	27.78	15.05	175.00	92.08	82.92
6+00	40	1	35.19	2.41	210.19	94.49	115.69
6+25	0	0	18.52	0.60	228.70	95.09	133.61
FERN LANE (STAGE 1) 6651-01-71							
3+00	0	0					
3+25	0	0	0.00	0.00	0.00	0.00	0.00
3+30	55	1	5.09	0.12	5.09	0.12	4.97
3+50	50	0	38.89	0.48	43.98	0.60	43.38
3+75	85	1	62.50	0.60	106.48	1.20	105.28
4+00	41.3	6	58.47	4.21	164.95	5.42	159.54
4+05	47	13	8.18	2.29	173.13	7.70	165.43
4+25	0	0	17.41	6.26	190.54	13.96	176.57
4+50	0	0	0.00	0.00	190.54	13.96	176.57
4+75	0	0	0.00	0.00	190.54	13.96	176.57
5+00	0	0	0.00	0.00	190.54	13.96	176.57
5+25	0	0	0.00	0.00	190.54	13.96	176.57
5+50	0	0	0.00	0.00	190.54	13.96	176.57
5+67	49	12	15.43	4.91	205.96	18.87	187.09
5+75	53	11	15.11	4.43	221.07	23.30	197.77
6+00	65	5	54.63	9.63	275.70	32.93	242.77
6+25	50	8	53.24	7.82	328.94	40.76	288.19
6+40	48	15	27.22	8.31	356.17	49.06	307.10
6+50	0	0	8.89	3.61	365.06	52.67	312.38
6+75	0	0	0.00	0.00	365.06	52.67	312.38
FERN LANE EAST CUL DE SAC (STAGE 1) 6651-01-71							
200+00	0	0					
200+25	26.9	0	12.45	0	12.45	0	12.45
200+50	21.2	0	22.27	0	34.72	0	34.72
200+75	18.1	0	18.19	0	52.92	0	52.92
C.T.H. N (STAGE 1) 6651-01-71							
86+50	0	0					
87+00	25	133	23.15	160.09	23.15	160.09	-136.94
87+50	11	141	33.33	329.81	56.48	489.91	-433.43
88+00	146.8	135	146.11	332.22	202.59	822.13	-619.54
88+50	375.5	150	483.61	343.06	686.20	1165.19	-478.98
89+00	466.2	200	779.35	421.30	1465.56	1586.48	-120.93
89+50	514.1	179	907.69	456.20	2373.24	2042.69	330.56
90+00	468.9	168	910.19	417.69	3283.43	2460.37	823.06
90+50	424.3	272	827.04	529.63	4110.46	2990.00	1120.46
91+00	452.3	198	811.67	565.74	4922.13	3555.74	1366.39

SIDEROADS (CONT'D) — EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
C.T.H. N (STAGE 2) 6651-01-71							
87+00	0	78					
87+50	0	53	0.00	157.69	0.00	157.69	-157.69
88+00	3	19	2.78	86.67	2.78	244.35	-241.57
PARK ROAD (STAGE 1) 6651-01-71							
82+50	0	0					
83+00	48	29	44.44	34.91	44.44	34.91	9.54
83+50	51	26	91.67	66.20	136.11	101.11	35.00
84+00	74	18	115.74	52.96	251.85	154.07	97.78
84+50	74	18	137.04	43.33	388.89	197.41	191.48
85+00	47	8	112.04	31.30	500.93	228.70	272.22
85+50	38	5	78.70	15.65	579.63	244.35	335.28
86+00	0	0	35.19	6.02	614.81	250.37	364.44
86+50	0	0	0.00	0.00	614.81	250.37	364.44
PARK ROAD (STAGE 2) 6651-01-71							
82+50	0	0					
83+00	32	1	29.63	1.20	29.63	1.20	28.43
83+50	41	2	67.59	3.61	97.22	4.81	92.41
84+00	34	4	69.44	7.22	166.67	12.04	154.63
84+50	34	4	62.96	9.63	229.63	21.67	207.96
85+00	58	7	85.19	13.24	314.81	34.91	279.91
85+50	53	6	102.78	15.65	417.59	50.56	367.04
86+00	0	0	49.07	7.22	466.67	57.78	408.89
86+50	0	0	0.00	0.00	466.67	57.78	408.89
TULIP LANE (STAGE 1) 6651-01-71							
3+50	127	0					
3+75	106	0	107.87	0.00	107.87	0.00	107.87
4+00	103	0	96.76	0.00	204.63	0.00	204.63
4+25	60	0	75.46	0.00	280.09	0.00	280.09
4+50	31	64	42.13	38.52	322.22	38.52	283.70
DAFFODIL LANE (STAGE 1) 6651-01-71							
3+00	88	5					
3+25	89	5	81.94	6.02	81.94	6.02	75.93
3+50	57	7	67.59	7.22	149.54	13.24	136.30
3+75	46	8	47.69	9.03	197.22	22.27	174.95
4+00	38	12	38.89	12.04	236.11	34.31	201.81
4+25	36	11	34.26	13.84	270.37	48.15	222.22
4+50	8	47	20.37	34.91	290.74	83.06	207.69
4+75	0	0	3.70	28.29	294.44	111.34	183.10
5+00	0	0	0.00	0.00	294.44	111.34	183.10
CLOVERLAND LANE (STAGE 1) 6675-00-73							
3+50	77	0					
3+75	81	0	73.15	0.00	73.15	0.00	73.15
4+00	146	0	105.09	0.00	178.24	0.00	178.24
4+25	184	0	152.78	0.00	331.02	0.00	331.02
4+50	174	4	165.74	2.41	496.76	2.41	494.35
4+75	0	0	80.56	2.41	577.31	4.81	572.50

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N / C.T.H. R	COUNTY: MARATHON	EARTHWORK TABULATIONS	SCALE, FEET 0 NTS	SHEET NO: 212	E

FILE NAME : e:\trans\widot\0223.00\cad\ewcthn01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 10:29:47 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

6651-01-71 C.T.H. N - MAINLINE (STAGE 1) — EXP Fact= 1.3

STATION		END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
60+00		99	12.5					
60+50		83.4	19.4	168.89	38.40	168.89	38.40	130.49
61+00		58.9	0	131.76	23.35	300.65	61.75	238.90
61+50		97.3	13.6	144.63	16.37	445.28	78.12	367.16
62+00		73	29.1	157.69	51.40	602.96	129.52	473.44
62+50		12.4	109	79.07	166.23	682.04	295.75	386.29
63+00		3.6	219.6	14.81	395.54	696.85	691.29	5.56
63+50		42.9	49.6	43.06	324.04	739.91	1015.32	-275.42
64+00		68.6	33.7	103.24	100.27	843.15	1115.59	-272.44
64+50		0	58.7	63.52	111.22	906.67	1226.81	-320.15
65+00		0	28.1	0.00	104.48	906.67	1331.30	-424.63
65+50		106.8	11.3	98.89	47.43	1005.56	1378.72	-373.17
66+00		93.5	18.2	185.46	35.51	1191.02	1414.23	-223.21
66+50		64.4	37.1	146.20	66.56	1337.22	1480.80	-143.57
67+00		79.5	40.3	133.24	93.17	1470.46	1573.96	-103.50
67+50		16.7	74.9	89.07	138.67	1559.54	1712.63	-153.09
68+00		31.5	40.7	44.63	139.15	1604.17	1851.78	-247.61
68+50		9	89.2	37.50	156.36	1641.67	2008.14	-366.47
69+00		9.5	109.8	17.13	239.54	1658.80	2247.68	-588.88
69+50		5.9	133.2	14.26	292.50	1673.06	2540.18	-867.12
70+00		8.5	161.6	13.33	354.85	1686.39	2895.03	-1208.64
70+50	CTH N	13	188.7	19.91	421.66	1706.30	3316.69	-1610.39
71+00		4	53.5	15.74	291.54	1722.04	3608.22	-1886.19
71+50		3.6	24.4	7.04	93.77	1729.07	3701.99	-1972.92
72+00		17.3	62.6	19.35	104.72	1748.43	3806.71	-2058.29
72+50		179.5	115	182.22	213.78	1930.65	4020.49	-2089.84
73+00	CTH R	577.2	54.2	700.65	203.67	2631.30	4224.16	-1592.86
73+50		929.2	50	1394.81	125.43	4026.11	4349.58	-323.47
74+00		653.4	55.3	1465.37	126.75	5491.48	4476.33	1015.15
74+50		745.6	83.5	1295.37	167.07	6786.85	4643.41	2143.44
75+00		654.0	139.9	1295.93	268.91	8082.78	4912.31	3170.46
75+50		553.1	353.5	1117.69	593.91	9200.46	5506.22	3694.24
76+00		448.5	310.3	927.41	799.02	10127.87	6305.24	3822.63
76+50		329.9	355	720.74	800.82	10848.61	7106.06	3742.55
77+00		220.4	586.6	509.54	1133.41	11358.15	8239.47	3118.68
77+50		151.1	588.5	343.98	1414.47	11702.13	9653.94	2048.19
78+00		69	706.7	63.89	1559.04	11905.93	11212.98	692.94
78+50		0	429.9	63.89	1368.13	11969.81	12581.11	-611.30
79+00		0	337.9	0.00	924.20	11969.81	13505.31	-1535.50
79+50		0	217.5	0.00	668.54	11969.81	14173.85	-2204.04
80+00		0	224.9	0.00	532.52	11969.81	14706.37	-2736.56
80+50		4.9	42.9	4.54	322.35	11974.35	15028.72	-3054.37
81+00		28.7	14.4	31.11	68.97	12005.46	15097.69	-3092.23
81+50		24.4	19.6	49.17	40.93	12054.63	15138.62	-3083.99
82+00		4.5	46.9	26.76	80.05	12081.39	15218.67	-3137.28
82+50		0	72.3	4.17	143.48	12085.56	15362.15	-3276.59
83+00		0	121.2	0.00	232.92	12085.56	15595.06	-3509.51
83+50		0	306.1	0.00	514.34	12085.56	16109.41	-4023.85
84+00		0	329	0.00	764.47	12085.56	16873.88	-4788.32
84+50		0	344.5	0.00	810.69	12085.56	17684.57	-5599.02
85+00		0	329.7	0.00	811.54	12085.56	18496.11	-6410.56
85+50		0	347.2	0.00	814.79	12085.56	19310.90	-7225.34
86+00		0	288.3	0.00	764.95	12085.56	20075.85	-7990.30
86+50		0	220.7	0.00	612.69	12085.56	20688.54	-8602.98
87+00		0	53	0.00	329.45	12085.56	21017.99	-8932.44
87+50		0	130.9	0.00	221.36	12085.56	21239.35	-9153.80
88+00		0	155.4	0.00	344.62	12085.56	21583.97	-9498.42
88+50		0	233.1	0.00	467.64	12085.56	22051.61	-9966.06
89+00		0	478.6	0.00	856.68	12085.56	22908.29	-10822.73
89+50		0	271.8	0.00	903.26	12085.56	23811.55	-11725.99
90+00		0	229.8	0.00	603.78	12085.56	24415.32	-12329.77
90+50		0	94.6	0.00	390.48	12085.56	24805.81	-12720.25

6651-01-71 C.T.H. N - MAINLINE (STAGE 2) — EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
78+50	151.9	76.2					
79+00	16.7	36.1	156.11	135.18	156.11	135.18	20.94
79+50	42	41.8	54.35	93.77	210.46	228.94	-18.48
80+00	29.8	112.8	66.48	186.09	276.94	415.04	-138.09
80+50	27.6	129.2	53.15	291.30	330.09	706.33	-376.24
81+00	0	83.1	25.56	255.55	355.65	961.88	-606.23
81+50	0	99.9	0.00	220.28	355.65	1182.16	-826.51
82+00	0	164.3	0.00	318.02	355.65	1500.18	-1144.53
82+50	0	121.6	0.00	344.14	355.65	1844.31	-1488.67
83+00	0	126.7	0.00	298.88	355.65	2143.19	-1787.55
83+50	0	127.5	0.00	305.98	355.65	2449.18	-2093.53
84+00	0	114.9	0.00	291.78	355.65	2740.95	-2385.31
84+50	0	150.9	0.00	319.94	355.65	3060.90	-2705.25
85+00	0	47.2	0.00	238.45	355.65	3299.35	-2943.70
85+50	0	62.9	0.00	132.53	355.65	3431.88	-3076.23
86+00	0	75.8	0.00	166.95	355.65	3598.83	-3243.19
86+50	0	93.4	0.00	203.67	355.65	3802.50	-3446.85
87+00	0	111.7	0.00	246.88	355.65	4049.38	-3693.73
87+50	0	137.7	0.00	300.20	355.65	4349.58	-3993.94
88+00	0	232	0.00	445.01	355.65	4794.59	-4438.94
88+50	0	273.6	0.00	608.59	355.65	5403.19	-5047.54
89+00	0	264.3	0.00	647.47	355.65	6050.66	-5695.01
89+50	0	202.2	0.00	561.53	355.65	6612.19	-6256.54
90+00	0	169.8	0.00	447.78	355.65	7059.96	-6704.31
90+50	0	85.3	0.00	307.06	355.65	7367.03	-7011.38

C.T.H. R (STAGE 1) - EBS — EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
PROJECT 6651-01-71							
83+30	122	0					
83+50	122	0	90.37	0.00	90.37	0.00	90.37
84+00	136	0	238.89	0.00	329.26	0.00	329.26
84+50	136	0	251.85	0.00	581.11	0.00	581.11
85+00	138	0	253.70	0.00	834.81	0.00	834.81
85+50	138	0	255.56	0.00	1090.37	0.00	1090.37
86+00	134	0	251.85	0.00	1342.22	0.00	1342.22
86+50	84	0	201.85	0.00	1544.07	0.00	1544.07
86+70	84	0	62.22	0.00	1606.30	0.00	1606.30
PROJECT 6675-00-73							
135+80	32	0					
136+00	32	0	23.70	0.00	23.70	0.00	23.70
136+50	37	0	63.89	0.00	87.59	0.00	87.59
137+00	0	0	34.26	0.00	121.85	0.00	121.85
137+50	0	0	0.00	0.00	121.85	0.00	121.85
138+00	105	0	97.22	0.00	219.07	0.00	219.07
138+50	105	0	194.44	0.00	413.52	0.00	413.52
139+00	106	0	195.37	0.00	608.89	0.00	608.89
139+50	103	0	193.52	0.00	802.41	0.00	802.41
140+00	97	0	185.19	0.00	987.59	0.00	987.59
140+50	104	0	186.11	0.00	1173.70	0.00	1173.70
141+00	106	0	194.44	0.00	1368.15	0.00	1368.15
141+50	98	0	188.89	0.00	1557.04	0.00	1557.04
142+00	101	0	184.26	0.00	1741.30	0.00	1741.30
142+50	108	0	193.52	0.00	1934.81	0.00	1934.81
143+00	104	0	196.30	0.00	2131.11	0.00	2131.11
143+50	100	0	188.89	0.00	2320.00	0.00	2320.00
143+70	100	0	74.07	0.00	2394.07	0.00	2394.07

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER: 6651-01-71 6675-01-73	HWY: CTH N/CTH R	COUNTY: MARATHON	EARTHWORK TABULATIONS	SCALE, FEET 0 NTS	SHEET NO: 213	E

FILE NAME : E:\Trans\Widot\0223.00\CAD\EWCTHN01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 1:51:32 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

9

SIDEROADS — EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
LILY LANE (STAGE 1) 6651-01-71							
3+75	61	0					
4+00	64	0	57.87	0.00	57.87	0.00	57.87
4+25	86	3	69.44	1.81	127.31	1.81	125.51
4+50	98	0	85.19	1.81	212.50	3.61	208.89
4+75	0	0	45.37	0.00	257.87	3.61	254.26
5+00	0	0	0.00	0.00	257.87	3.61	254.26
5+25	0	0	0.00	0.00	257.87	3.61	254.26
5+50	3	75	1.39	45.14	259.26	48.75	210.51
5+75	3	53	2.78	77.04	262.04	125.79	136.25
6+00	48	0	23.61	31.90	285.65	157.69	127.96
JONQUIL LANE (STAGE 1) 6651-01-71							
3+75	48	0					
4+00	50	1	45.37	0.60	45.37	0.60	44.77
4+25	69	5	55.09	3.61	100.46	4.21	96.25
4+50	4	47	33.80	31.30	134.26	35.51	98.75
4+75	0	0	1.85	28.29	136.11	63.80	72.31
5+00	0	0	0.00	0.00	136.11	63.80	72.31
5+25	0	0	0.00	0.00	136.11	63.80	72.31
5+50	24	22	11.11	13.24	147.22	77.04	70.19
5+75	36	3	27.78	15.05	175.00	92.08	82.92
6+00	40	1	35.19	2.41	210.19	94.49	115.69
6+25	0	0	18.52	0.60	228.70	95.09	133.61
FERN LANE (STAGE 1) 6651-01-71							
3+00	0	0					
3+25	0	0	0.00	0.00	0.00	0.00	0.00
3+30	55	1	5.09	0.12	5.09	0.12	4.97
3+50	50	0	38.89	0.48	43.98	0.60	43.38
3+75	85	1	62.50	0.60	106.48	1.20	105.28
4+00	41.3	6	58.47	4.21	164.95	5.42	159.54
4+05	47	13	8.18	2.29	173.13	7.70	165.43
4+25	0	0	17.41	6.26	190.54	13.96	176.57
4+50	0	0	0.00	0.00	190.54	13.96	176.57
4+75	0	0	0.00	0.00	190.54	13.96	176.57
5+00	0	0	0.00	0.00	190.54	13.96	176.57
5+25	0	0	0.00	0.00	190.54	13.96	176.57
5+50	0	0	0.00	0.00	190.54	13.96	176.57
5+67	49	12	15.43	4.91	205.96	18.87	187.09
5+75	53	11	15.11	4.43	221.07	23.30	197.77
6+00	65	5	54.63	9.63	275.70	32.93	242.77
6+25	50	8	53.24	7.82	328.94	40.76	288.19
6+40	48	15	27.22	8.31	356.17	49.06	307.10
6+50	0	0	8.89	3.61	365.06	52.67	312.38
6+75	0	0	0.00	0.00	365.06	52.67	312.38
FERN LANE EAST CUL DE SAC (STAGE 1) 6651-01-71							
200+00	0	0					
200+25	26.9	0	12.45	0	12.45	0	12.45
200+50	21.2	0	22.27	0	34.72	0	34.72
200+75	18.1	0	18.19	0	52.92	0	52.92
C.T.H. N (STAGE 1) 6651-01-71							
86+50	0	0					
87+00	25	133	23.15	160.09	23.15	160.09	-136.94
87+50	11	141	33.33	329.81	56.48	489.91	-433.43
88+00	146.8	135	146.11	332.22	202.59	822.13	-619.54
88+50	375.5	150	483.61	343.06	686.20	1165.19	-478.98
89+00	466.2	200	779.35	421.30	1465.56	1586.48	-120.93
89+50	514.1	179	907.69	456.20	2373.24	2042.69	330.56
90+00	468.9	168	910.19	417.69	3283.43	2460.37	823.06
90+50	424.3	272	827.04	529.63	4110.46	2990.00	1120.46
91+00	452.3	198	811.67	565.74	4922.13	3555.74	1366.39

SIDEROADS (CONT'D) — EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
C.T.H. N (STAGE 2) 6651-01-71							
87+00	0	78					
87+50	0	53	0.00	157.69	0.00	157.69	-157.69
88+00	3	19	2.78	86.67	2.78	244.35	-241.57
PARK ROAD (STAGE 1) 6651-01-71							
82+50	0	0					
83+00	48	29	44.44	34.91	44.44	34.91	9.54
83+50	51	26	91.67	66.20	136.11	101.11	35.00
84+00	74	18	115.74	52.96	251.85	154.07	97.78
84+50	74	18	137.04	43.33	388.89	197.41	191.48
85+00	47	8	112.04	31.30	500.93	228.70	272.22
85+50	38	5	78.70	15.65	579.63	244.35	335.28
86+00	0	0	35.19	6.02	614.81	250.37	364.44
86+50	0	0	0.00	0.00	614.81	250.37	364.44
PARK ROAD (STAGE 2) 6651-01-71							
82+50	0	0					
83+00	32	1	29.63	1.20	29.63	1.20	28.43
83+50	41	2	67.59	3.61	97.22	4.81	92.41
84+00	34	4	69.44	7.22	166.67	12.04	154.63
84+50	34	4	62.96	9.63	229.63	21.67	207.96
85+00	58	7	85.19	13.24	314.81	34.91	279.91
85+50	53	6	102.78	15.65	417.59	50.56	367.04
86+00	0	0	49.07	7.22	466.67	57.78	408.89
86+50	0	0	0.00	0.00	466.67	57.78	408.89
TULIP LANE (STAGE 1) 6651-01-71							
3+50	127	0					
3+75	106	0	107.87	0.00	107.87	0.00	107.87
4+00	103	0	96.76	0.00	204.63	0.00	204.63
4+25	60	0	75.46	0.00	280.09	0.00	280.09
4+50	31	64	42.13	38.52	322.22	38.52	283.70
DAFFODIL LANE (STAGE 1) 6651-01-71							
3+00	88	5					
3+25	89	5	81.94	6.02	81.94	6.02	75.93
3+50	57	7	67.59	7.22	149.54	13.24	136.30
3+75	46	8	47.69	9.03	197.22	22.27	174.95
4+00	38	12	38.89	12.04	236.11	34.31	201.81
4+25	36	11	34.26	13.84	270.37	48.15	222.22
4+50	8	47	20.37	34.91	290.74	83.06	207.69
4+75	0	0	3.70	28.29	294.44	111.34	183.10
5+00	0	0	0.00	0.00	294.44	111.34	183.10
CLOVERLAND LANE (STAGE 1) 6675-00-73							
3+50	77	0					
3+75	81	0	73.15	0.00	73.15	0.00	73.15
4+00	146	0	105.09	0.00	178.24	0.00	178.24
4+25	184	0	152.78	0.00	331.02	0.00	331.02
4+50	174	4	165.74	2.41	496.76	2.41	494.35
4+75	0	0	80.56	2.41	577.31	4.81	572.50

LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER: 6651-01-71 6675-00-73	HWY: C.T.H. N / C.T.H. R	COUNTY: MARATHON	EARTHWORK TABULATIONS	SCALE, FEET 0 NTS	SHEET NO: 214	E

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FILE NAME : E:\Trans\Widot\0223.00\CAD\EWCTHN01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 1:51:33 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

6675-00-73 C.T.H R (STAGE 1) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
90+50	0	94.6					
91+00	7.2	99.4	6.67	233.52	6.67	233.52	-226.85
91+50	14.3	93.9	19.91	232.68	26.57	466.19	-439.62
92+00	6.2	46.3	18.98	168.76	45.56	634.95	-589.40
92+50	1.1	6.78	6.76	63.89	52.31	698.85	-646.53
93+00	0	109.4	1.02	139.85	53.33	838.69	-785.36
93+50	0	157.8	0.00	321.63	53.33	1160.32	-1106.99
94+00	0	278.3	0.00	524.94	53.33	1685.26	-1631.92
94+50	0	309.2	0.00	707.18	53.33	2392.43	-2339.10
95+00	0	301.2	0.00	734.74	53.33	3127.17	-3073.84
95+50	0	225.1	0.00	633.51	53.33	3760.68	-3707.35
96+00	0	138.8	0.00	438.03	53.33	4198.71	-4145.38
96+50	23.3	98.5	21.57	285.64	74.91	4484.35	-4409.44
97+00	0	92.6	21.57	230.03	96.48	4714.38	-4617.90
97+50	10.3	117.1	9.54	252.42	106.02	4966.79	-4860.78
98+00	15.7	143	24.07	313.08	130.09	5279.88	-5149.79
98+50	15.2	165.9	28.61	371.82	158.70	5651.70	-5493.00
99+00	65.5	97.5	74.72	317.06	233.43	5968.76	-5735.33
99+50	13.7	182	73.33	336.44	306.76	6305.19	-5998.43
100+00	0	192	12.69	450.19	319.44	6755.38	-6435.93
100+50	0	220.1	0.00	496.05	319.44	7251.42	-6931.98
101+00	0	198	0.00	503.27	319.44	7754.69	-7435.25
101+50	0	242.9	0.00	530.71	319.44	8285.41	-7965.96
102+00	0	238.2	0.00	579.10	319.44	8864.51	-8545.06
102+50	0	234	0.00	568.39	319.44	9432.90	-9113.45
103+00	7.4	191.7	6.85	512.42	326.30	9945.31	-9619.02
103+50	2.2	179.1	8.89	446.33	335.19	10391.65	-10056.46
104+00	1.4	161	3.33	409.38	338.52	10801.03	-10462.51
104+50	1.4	142.8	2.59	365.69	341.11	11166.71	-10825.60
105+00	0	149.9	1.30	352.32	342.41	11519.04	-11176.63
105+50	0	118.3	0.00	322.83	342.41	11841.87	-11499.46
106+00	0	97.9	0.00	260.24	342.41	12102.11	-11759.70
106+50	8.1	33.8	7.50	158.53	349.91	12260.64	-11910.73
107+00	28.2	19.9	33.61	64.64	383.52	12325.28	-11941.76
107+50	50.7	16	73.06	43.21	456.57	12368.49	-11911.91
108+00	94.3	9.7	134.26	30.94	590.83	12399.42	-11808.59
108+50	91.2	9.1	171.76	22.63	762.59	12422.05	-11659.46
109+00	29.9	6.7	112.13	19.02	874.72	12441.07	-11566.35
109+50	33.4	0	58.61	8.06	933.33	12449.14	-11515.80
110+00	20.4	8.8	49.81	10.59	983.15	12459.73	-11476.58
110+50	23.9	15	41.02	28.65	1024.17	12488.38	-11464.21
111+00	21.7	14.6	42.22	35.63	1066.39	12524.01	-11457.62
111+50	33.3	9.6	50.93	29.13	1117.31	12553.14	-11435.82
112+00	40.8	4.3	68.61	16.73	1185.93	12569.87	-11383.94
112+50	37.9	5.3	72.87	11.56	1258.80	12581.42	-11322.63
113+00	29.4	6.6	62.31	14.32	1321.11	12595.75	-11274.64
113+50	29.4	6.6	54.44	15.89	1375.56	12611.64	-11236.08
114+00	4.8	35.6	31.67	50.80	1407.22	12662.43	-11255.21
114+50	0	31.9	4.44	81.25	1411.67	12743.68	-11332.02
115+00	2.1	46.2	1.94	94.01	1413.61	12837.69	-11424.08
115+50	9.3	58	10.56	125.43	1424.17	12963.12	-11538.95

6675-00-73 C.T.H R (STAGE 1) (CONT'D) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
116+00	62.7	16.4	66.67	89.56	1490.83	13052.67	-11561.84
116+50	0	33.6	58.06	60.19	1548.89	13112.86	-11563.97
117+00	27.7	75	25.65	130.72	1574.54	13243.58	-11669.04
117+50	38.3	72.6	61.11	177.67	1635.65	13421.25	-11785.60
118+00	30	8.1	63.24	97.14	1698.89	13518.39	-11819.50
118+50	4.6	31	32.04	47.06	1730.93	13565.45	-11834.53
119+00	9.9	34.6	13.43	78.96	1744.35	13644.41	-11900.06
119+50	10.6	38.3	18.98	87.75	1763.33	13732.16	-11968.83
120+00	11.3	41.6	20.28	96.18	1783.61	13828.34	-12044.73
120+50	7.2	45.7	17.13	105.08	1800.74	13933.42	-12132.68
121+00	4.4	48.5	10.74	113.39	1811.48	14046.81	-12235.33
121+50	14.4	9	17.41	69.21	1828.89	14116.03	-12287.14
122+00	6.5	33.1	19.35	50.68	1848.24	14166.70	-12318.46
122+50	50.6	2.1	52.87	42.37	1901.11	14209.07	-12307.96
123+00	10	38	56.11	48.27	1957.22	14257.34	-12300.12
123+50	8.6	33.2	17.22	85.70	1974.44	14343.04	-12368.60
124+00	13.7	24.5	20.65	69.45	1995.09	14412.50	-12417.41
124+50	11	64.4	22.87	107.01	2017.96	14519.51	-12501.54
125+00	13.2	30.3	22.41	113.99	2040.37	14633.50	-12593.13
125+50	3.7	46.6	15.65	92.56	2056.02	14726.06	-12670.04
126+00	10.7	52.4	13.33	119.17	2069.35	14845.23	-12775.88
126+50	1.1	61.2	10.93	136.74	2080.28	14981.97	-12901.69
127+00	0	58.3	1.02	143.84	2081.30	15125.81	-13044.52
127+50	32.6	3	30.19	73.79	2111.48	15199.60	-13088.12
128+00	4.8	21.6	34.63	29.61	2146.11	15229.21	-13083.10
128+50	0	28.2	4.44	59.94	2150.56	15289.16	-13138.60
129+00	20.1	15.6	18.61	52.72	2169.17	15341.88	-13172.71
129+50	35.3	14	51.30	35.63	2220.46	15377.51	-13157.04
130+00	42.3	3.5	71.85	21.06	2292.31	15398.57	-13106.26
130+50	23.1	4.6	60.56	9.75	2352.87	15408.32	-13055.45
131+00	23.1	4.6	42.78	11.07	2395.65	15419.40	-13023.75
131+50	21.6	4.6	41.39	11.07	2437.04	15430.47	-12993.43
132+00	0	43.3	20.00	57.66	2457.04	15488.13	-13031.09
132+50	0	38.2	0.00	98.10	2457.04	15586.23	-13129.19
133+00	2.8	90.7	2.59	155.16	2459.63	15741.39	-13281.76
133+50	1.1	108	3.61	239.18	2463.24	15980.56	-13517.32
134+00	1.3	97.4	2.22	247.24	2465.46	16227.80	-13762.34
134+50	1	58.1	2.13	187.18	2467.59	16414.98	-13947.39
135+00	3.7	48.9	4.35	128.80	2471.94	16543.78	-14071.83
135+50	3	97.2	6.20	175.86	2478.15	16719.64	-14241.49
136+00	1.1	86.7	3.80	221.36	2481.94	16941.00	-14459.05
136+50	1.5	89.4	2.41	211.97	2484.35	17152.97	-14668.62
137+00	11.9	44	12.41	160.57	2496.76	17313.54	-14816.79
137+50	5.7	73.8	16.30	141.80	2513.06	17455.34	-14942.29
138+00	0	195	5.28	323.56	2518.33	17778.90	-15260.56
138+50	0	184.8	0.00	457.17	2518.33	18236.06	-15717.73
139+00	0	163.4	0.00	419.13	2518.33	18655.19	-16136.86
139+50	0	146	0.00	372.43	2518.33	19027.62	-16509.29
140+00	0	100	0.00	296.11	2518.33	19323.73	-16805.40
140+50	0	181	0.00	338.24	2518.33	19661.97	-17143.64
141+00	0	295	0.00	572.96	2518.33	20234.93	-17716.60
141+50	0	127	0.00	507.96	2518.33	20742.90	-18224.56
142+00	0	198	0.00	391.20	2518.33	21134.10	-18615.77
142+50	0	136	0.00	402.04	2518.33	21536.14	-19017.80
143+00	0	118	0.00	305.74	2518.33	21841.88	-19323.54
143+50	0	95	0.00	256.39	2518.33	22098.27	-19579.93

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	EARTHWORK TABULATIONS	SCALE, FEET 0 NTS	SHEET NO: 215	E

FILE NAME : E:\Trans\Widot\0223.00\CAD\EWCTHN01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 1:51:36 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

WISDOT/CADDS SHEET 42

6675-00-73 C.T.H. R (STAGE 2) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
90+50	0	85.3					
91+00	0	63.3	0.00	178.87	0.00	178.87	-178.87
91+50	0	36.8	0.00	120.49	0.00	299.36	-299.36
92+00	0	28.8	0.00	78.96	0.00	378.32	-378.32
92+50	0	24.6	0.00	64.28	0.00	442.60	-442.60
93+00	0	36.6	0.00	73.67	0.00	516.27	-516.27
93+50	0	43.6	0.00	96.54	0.00	612.81	-612.81
94+00	0	46.5	0.00	108.45	0.00	721.26	-721.26
94+50	0	58.4	0.00	126.27	0.00	847.53	-847.53
95+00	0	67.7	0.00	151.79	0.00	999.31	-999.31
95+50	0	76.1	0.00	173.09	0.00	1172.41	-1172.41
96+00	0	84.1	0.00	192.83	0.00	1365.24	-1365.24
96+50	0	99	0.00	220.40	0.00	1585.64	-1585.64
97+00	0	130.3	0.00	276.01	0.00	1861.65	-1861.65
97+50	0	170.2	0.00	361.71	0.00	2223.36	-2223.36
98+00	0	198.2	0.00	443.44	0.00	2666.81	-2666.81
98+50	0	244.5	0.00	532.88	0.00	3199.69	-3199.69
99+00	0	267.4	0.00	616.18	0.00	3815.86	-3815.86
99+50	0	261.6	0.00	636.76	0.00	4452.62	-4452.62
100+00	0	240.6	0.00	604.50	0.00	5057.12	-5057.12
100+50	0	216.9	0.00	550.69	0.00	5607.81	-5607.81
101+00	0	188.6	0.00	488.10	0.00	6095.92	-6095.92
101+50	0	158.6	0.00	417.93	0.00	6513.84	-6513.84
102+00	0	114	0.00	328.13	0.00	6841.97	-6841.97
102+50	0	79.5	0.00	232.92	0.00	7074.89	-7074.89
103+00	0	50.6	0.00	156.60	0.00	7231.49	-7231.49
103+50	2.4	33.3	2.22	100.99	2.22	7332.48	-7330.26
104+00	0	26.3	2.22	71.74	4.44	7404.22	-7399.78
104+50	0	20.5	0.00	56.33	4.44	7460.56	-7456.11
105+00	0	13.6	0.00	41.05	4.44	7501.60	-7497.16
105+50	0	12.3	0.00	31.18	4.44	7532.78	-7528.33
106+00	11.1	14.5	10.28	32.26	14.72	7565.04	-7550.31
106+50	25.6	5.1	33.98	23.59	48.70	7588.63	-7539.93
107+00	33.3	3.3	54.54	10.11	103.24	7598.74	-7495.50
107+50	36.7	2.9	64.81	7.46	168.06	7606.20	-7438.15
108+00	36	2.6	67.31	6.62	235.37	7612.82	-7377.45
108+50	30.5	0	61.57	3.13	296.94	7615.95	-7319.01
109+00	22.8	0	49.35	0.00	346.30	7615.95	-7269.66
109+50	31.4	0	50.19	0.00	396.48	7615.95	-7219.47
110+00	25.2	3.2	52.41	3.85	448.89	7619.81	-7170.92
110+50	32.9	2.3	53.80	6.62	502.69	7626.43	-7123.74
111+00	41.5	1.4	68.89	4.45	571.57	7630.88	-7059.31
111+50	46.7	0	81.67	1.69	653.24	7632.56	-6979.32
112+00	64.9	0	103.33	0.00	756.57	7632.56	-6875.99
112+50	53.8	2.1	109.91	2.53	866.48	7635.09	-6768.61
113+00	42.7	2.3	89.35	5.30	955.83	7640.39	-6684.56
113+50	40.1	2.7	76.67	6.02	1032.50	7646.41	-6613.91
114+00	35.8	2.2	70.28	5.90	1102.78	7652.31	-6549.53
114+50	34.2	2.8	64.81	6.02	1167.59	7658.32	-6490.73
115+00	30.8	2.8	60.19	6.74	1227.78	7665.06	-6437.29
115+50	31.9	4.8	58.06	9.15	1285.83	7674.21	-6388.38
116+00	37.1	0	63.89	5.78	1349.72	7679.99	-6330.27

6675-00-73 C.T.H. R (STAGE 2)(CONT'D) EXP Fact= 1.3

STATION	END AREA CUT (S.F.)	END AREA FILL (S.F.)	VOLUME CUT (C.Y.)	VOLUME FILL (C.Y.)	CUMULATIVE VOLUME CUT (C.Y.)	CUMULATIVE VOLUME FILL (C.Y.)	MASS HAUL (C.Y.)
116+00	37.1	0	63.89	5.78	1349.72	7679.99	-6330.27
116+50	29.1	3.8	61.30	4.57	1411.02	7684.56	-6273.55
117+00	28	5.3	52.87	10.95	1463.89	7695.52	-6231.63
117+50	27.8	4.3	51.67	11.56	1515.56	7707.07	-6191.52
118+00	33.7	0	56.94	5.18	1572.50	7712.25	-6139.75
118+50	22.3	3.8	51.85	4.57	1624.35	7716.82	-6092.47
119+00	19.1	4.9	38.33	10.47	1662.69	7727.30	-6064.61
119+50	14.6	6	31.20	13.12	1693.89	7740.42	-6046.53
120+00	9.2	7.2	22.04	15.89	1715.93	7756.31	-6040.38
120+50	9.5	8.2	17.31	18.54	1733.24	7774.84	-6041.60
121+00	16	10	23.61	21.91	1756.85	7796.75	-6039.90
121+50	6	9.1	20.37	22.99	1777.22	7819.74	-6042.52
122+00	1.9	10	7.31	22.99	1784.54	7842.73	-6058.19
122+50	4.9	0	6.30	12.04	1790.83	7854.77	-6063.94
123+00	0	8.2	4.54	9.87	1795.37	7864.64	-6069.27
123+50	0	6.9	0.00	18.18	1795.37	7882.81	-6087.44
124+00	8.6	4.6	7.96	13.84	1803.33	7896.66	-6093.32
124+50	12.2	3.3	19.26	9.51	1822.59	7906.17	-6083.57
125+00	14.8	2.6	25.00	7.10	1847.59	7913.27	-6065.68
125+50	14.6	3.3	27.22	7.10	1874.81	7920.37	-6045.56
126+00	13.4	3.4	25.93	8.06	1900.74	7928.44	-6027.69
126+50	39.2	3.6	48.70	8.43	1949.44	7936.86	-5987.42
127+00	35.3	3.7	68.98	8.79	2018.43	7945.65	-5927.22
127+50	21	0	52.13	4.45	2070.56	7950.10	-5879.55
128+00	18.2	2.2	36.30	2.65	2106.85	7952.75	-5845.90
128+50	9.2	2.6	25.37	5.78	2132.22	7958.53	-5826.31
129+00	5.4	3.1	13.52	6.86	2145.74	7965.39	-5819.65
129+50	0	1.7	5.00	5.78	2150.74	7971.17	-5820.43
130+00	11.5	0	10.65	2.05	2161.39	7973.21	-5811.82
130+50	40.4	0	48.06	0.00	2209.44	7973.21	-5763.77
131+00	25.6	0	61.11	0.00	2270.56	7973.21	-5702.66
131+50	24.8	0	46.67	0.00	2317.22	7973.21	-5655.99
132+00	17.2	0	38.89	0.00	2356.11	7973.21	-5617.10
132+50	18.4	0	32.96	0.00	2389.07	7973.21	-5584.14
133+00	11.1	0	27.31	0.00	2416.39	7973.21	-5556.82
133+50	27.4	0	35.65	0.00	2452.04	7973.21	-5521.18
134+00	37.2	0	59.81	0.00	2511.85	7973.21	-5461.36
134+50	40.4	0	71.85	0.00	2583.70	7973.21	-5389.51
135+00	41.7	0	76.02	0.00	2659.72	7973.21	-5313.49
135+50	0	32.9	38.61	39.60	2698.33	8012.81	-5314.48
136+00	0	28	0.00	73.31	2698.33	8086.12	-5387.79
136+50	0	23.8	0.00	62.35	2698.33	8148.47	-5450.14
137+00	0	23.9	0.00	57.42	2698.33	8205.89	-5507.56
137+50	0	37.3	0.00	73.67	2698.33	8279.56	-5581.22
138+00	0	38.2	0.00	90.88	2698.33	8370.44	-5672.10
138+50	0	34.2	0.00	87.15	2698.33	8457.58	-5759.25
139+00	14	32.8	12.96	80.65	2711.30	8538.23	-5826.94
139+50	24.8	15.7	35.93	58.38	2747.22	8596.61	-5849.39
140+00	36	6	56.30	26.12	2803.52	8622.73	-5819.21
140+50	49	0	78.70	7.22	2882.22	8629.95	-5747.73
141+00	55	0	96.30	0.00	2978.52	8629.95	-5651.44
141+50	38	6	86.11	7.22	3064.63	8637.18	-5572.55
142+00	23	9	56.48	18.06	3121.11	8655.23	-5534.12
142+50	12	19	32.41	33.70	3153.52	8688.94	-5535.42
143+00	5	21	15.74	48.15	3169.26	8737.08	-5567.82
143+50	0	45	4.63	79.44	3173.89	8816.53	-5642.64

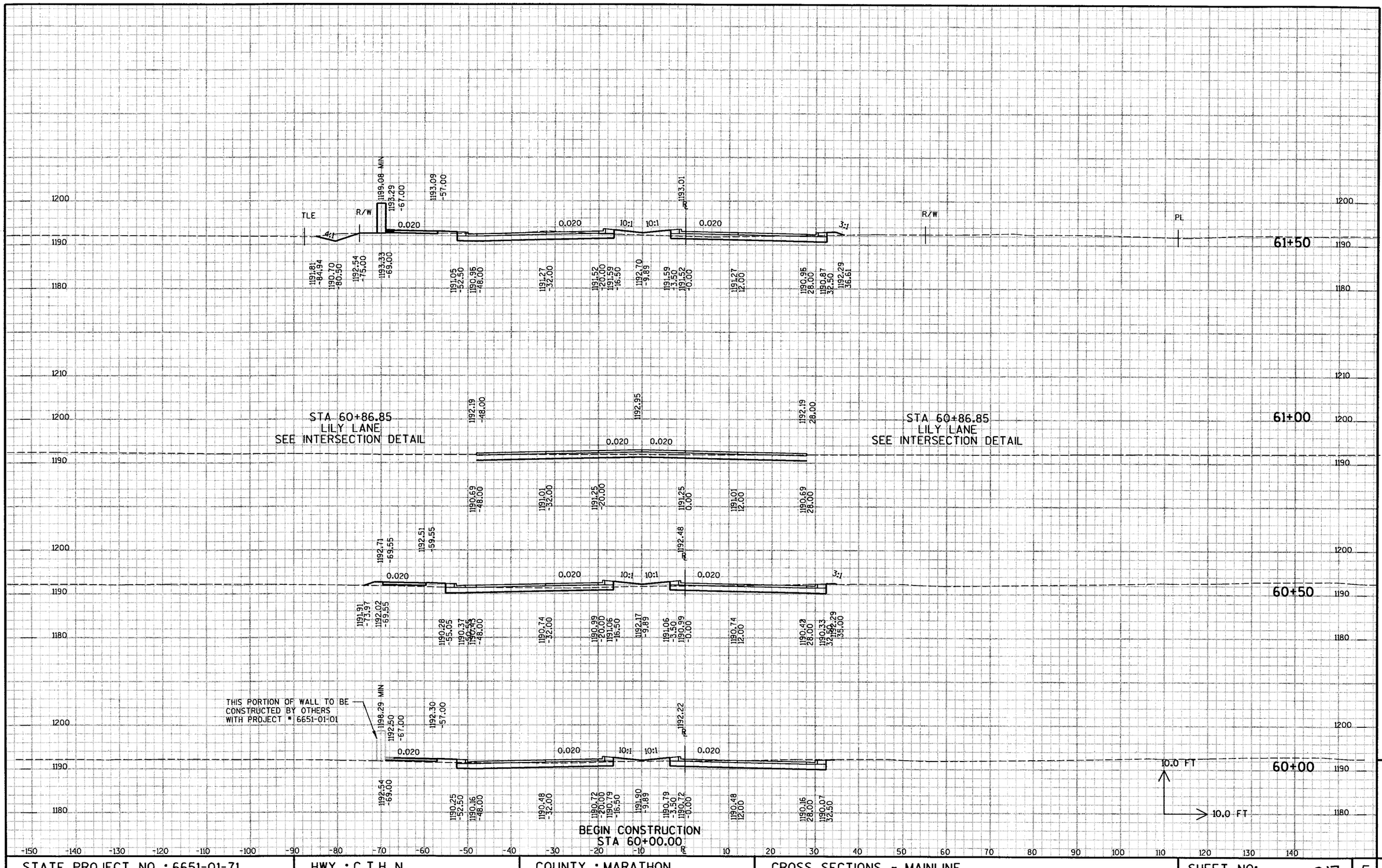
LEVELS ON • 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

9

STATE PROJECT NUMBER: 6675-00-73	HWY: C.T.H. R	COUNTY: MARATHON	EARTHWORK TABULATIONS	SCALE, FEET 0 NTS	SHEET NO: 216	E

FILE NAME : E:\Trans\Widot\0223.00\CAD\EWCTHN01.dgn PLOT DATE: 9/26/2003 PLOT TIME: 1:51:39 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

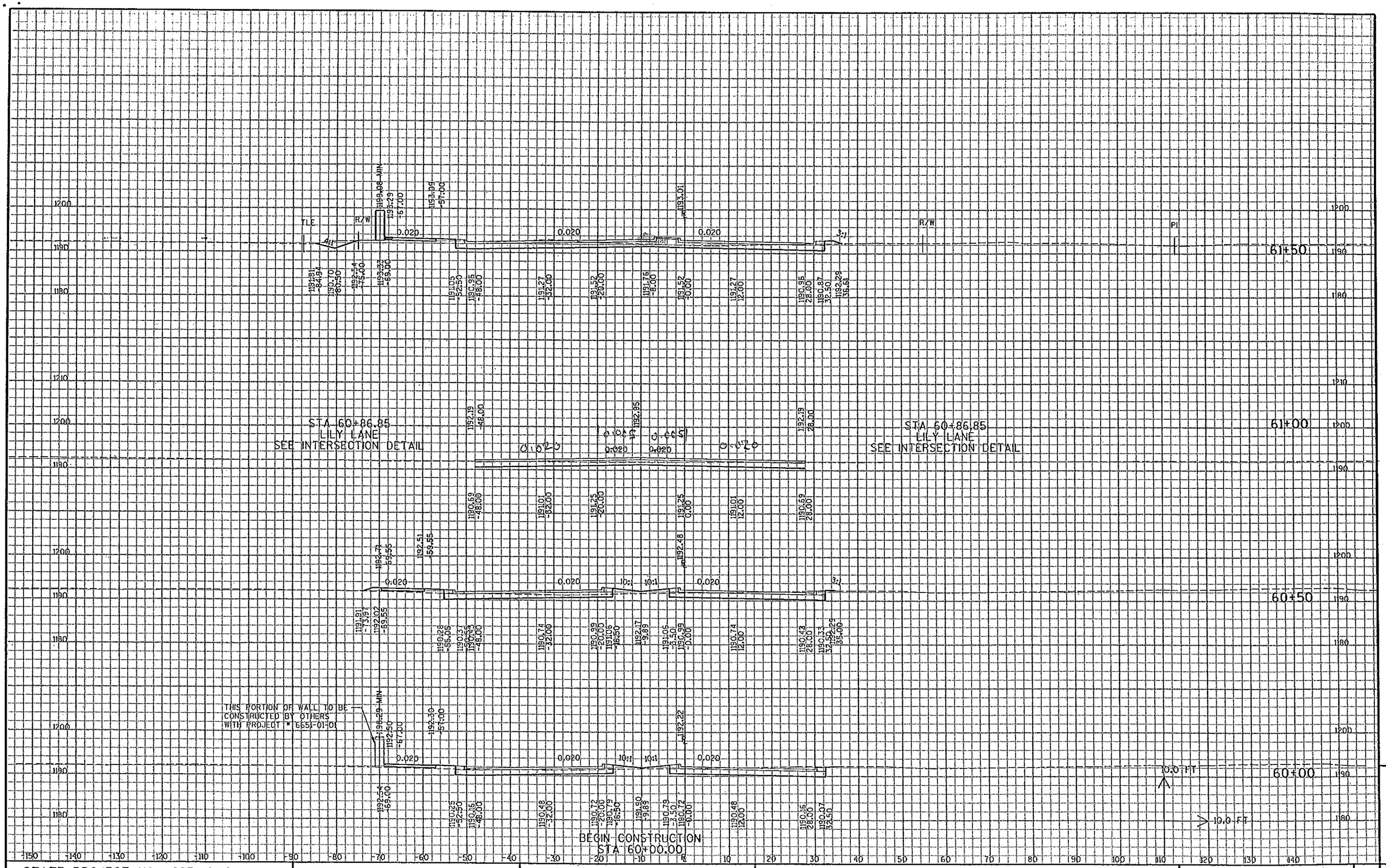
WISDOT/CADDS SHEET 42



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 217	E

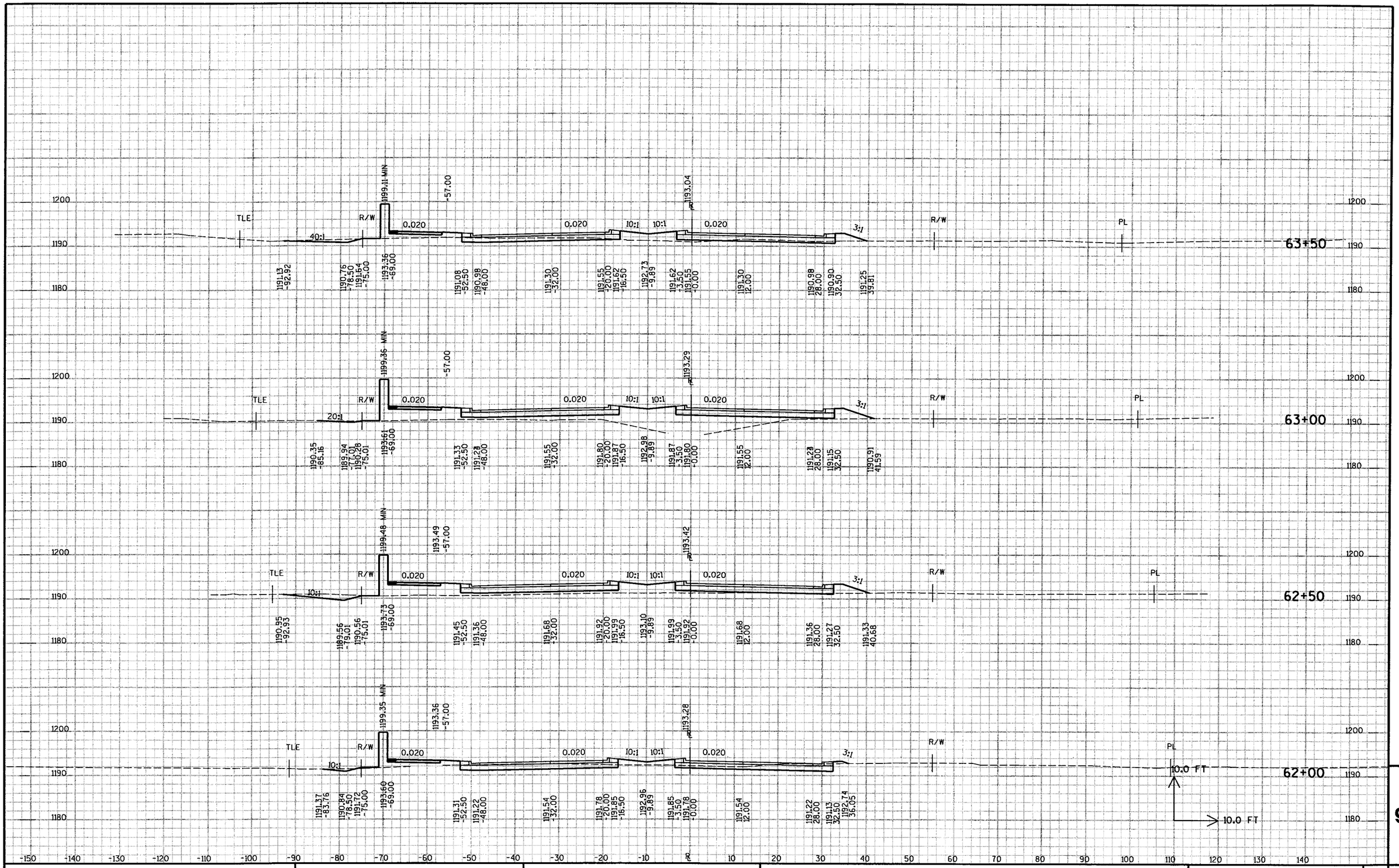
9

FILE NAME : e:\trans\widot\0223.00\cad\xsecthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:25 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 217A	E

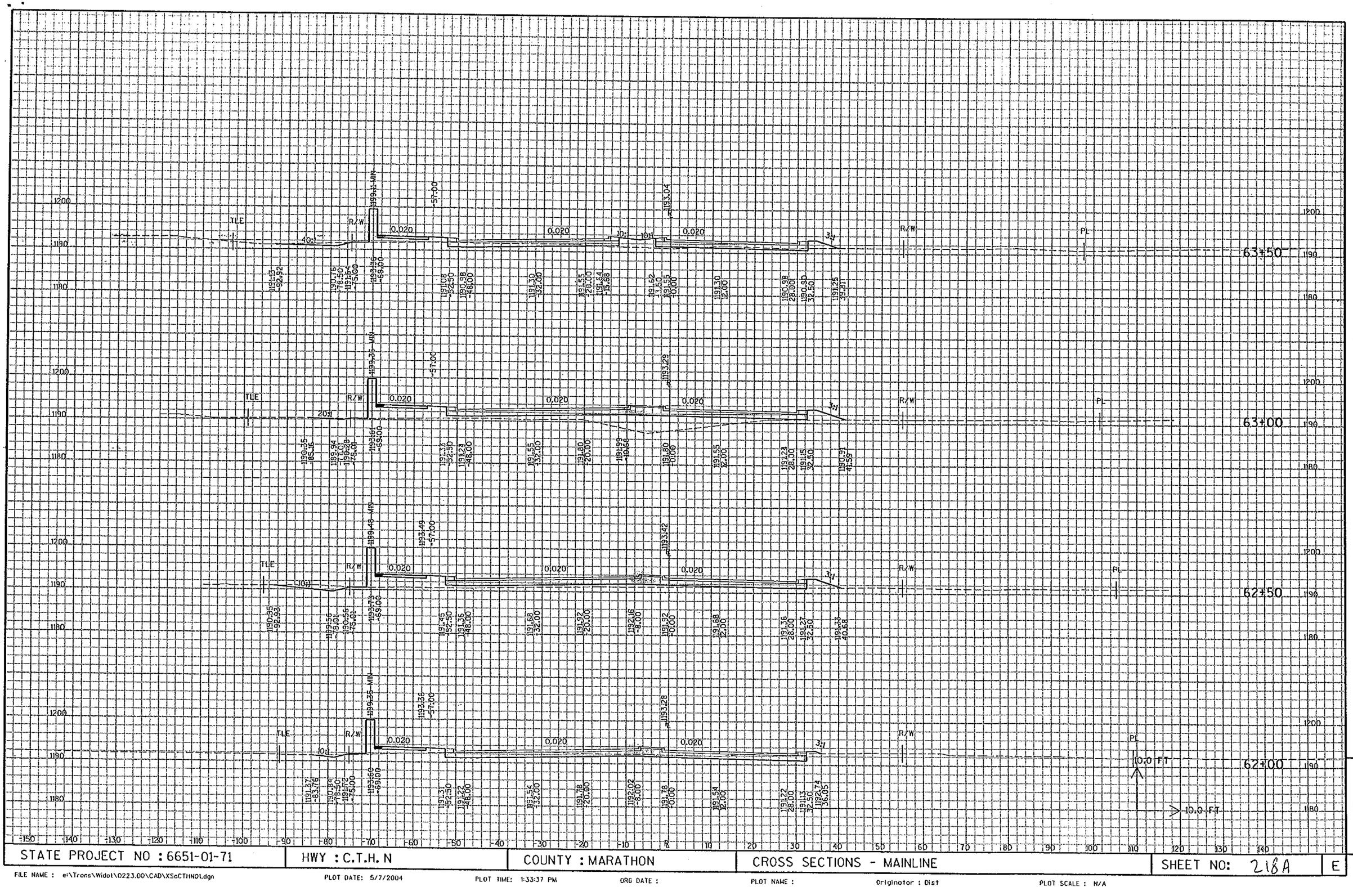
FILE NAME : e:\Trans\Widot\0223.00\CAD\XSaCTHN01.dgn PLOT DATE: 5/7/2004 PLOT TIME: 1:33:23 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 218	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsacthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:29 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 218A	E

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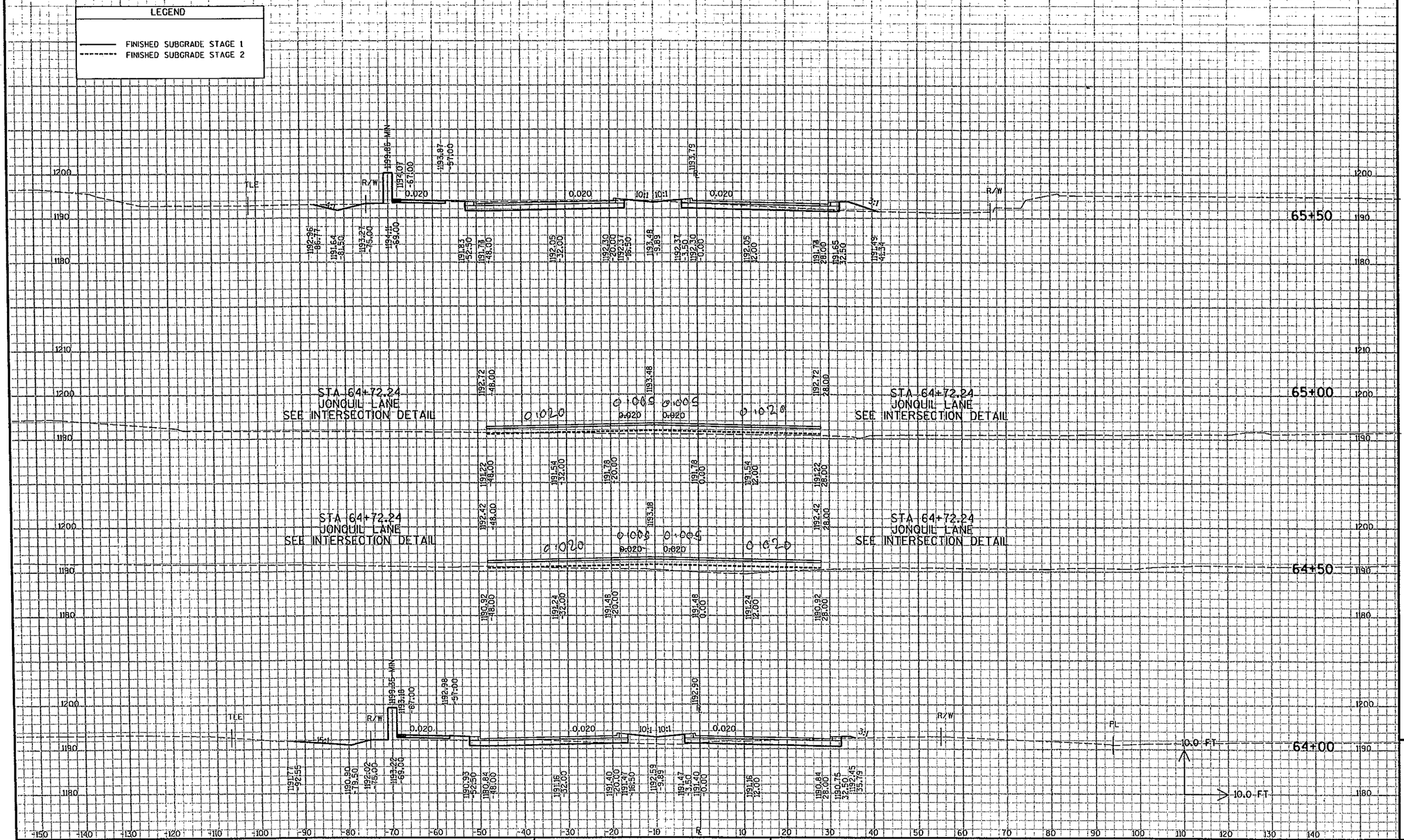
LEGEND

FINISHED SUBGRADE STAGE 1
FINISHED SUBGRADE STAGE 2



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STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 219	E

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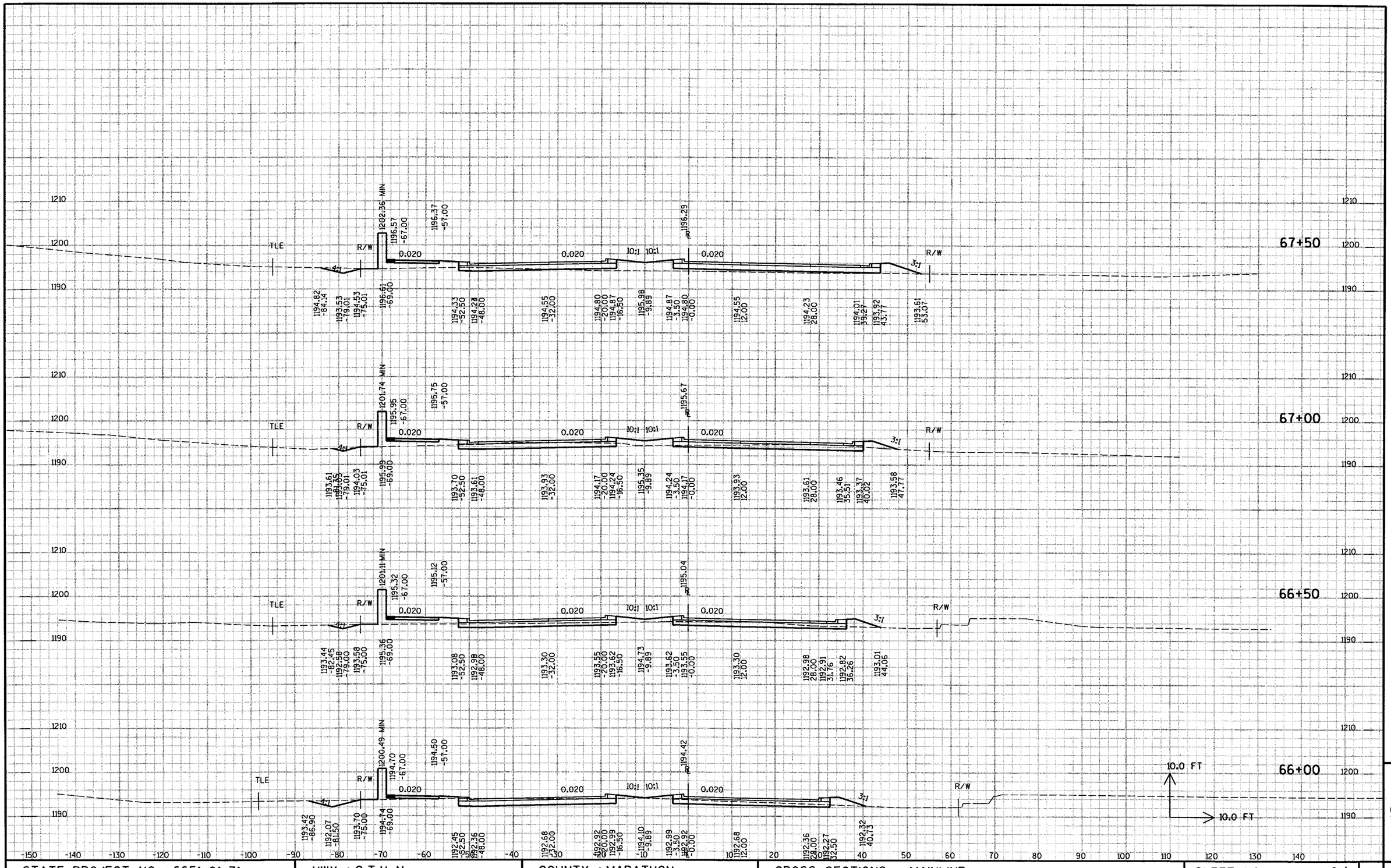

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 220	E

9

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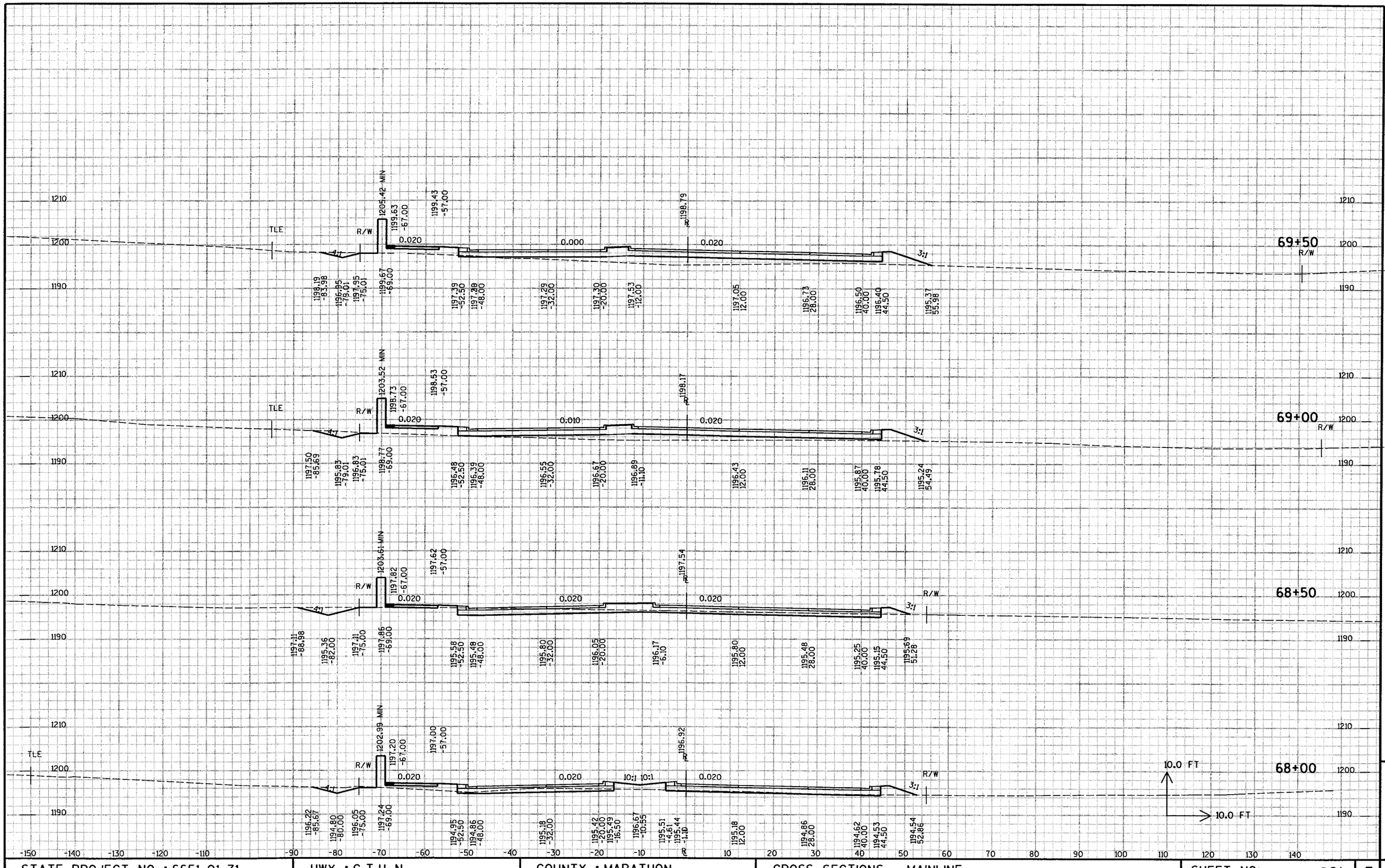


STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 221	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsacthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:36 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

FINISHED SUBGRADE STAGE 1

FINISHED SUBGRADE STAGE 2

STA 71'R'+32.46
PARK ROAD
SEE INTERSECTION DETAIL

STA 71+21.17
C.T.H. N
SEE INTERSECTION DETAIL

71'R'+50

1202.25 -48.00 | 1201.49 | 1200.73 28.00

0.020 | 0.020

1200.75 -48.00 | 1200.43 -32.00 | 1200.19 -20.00 | 1199.79 0.00 | 1199.55 12.00 | 1199.23 28.00

STA 71'R'+32.46
PARK ROAD
SEE INTERSECTION DETAIL

STA 71+21.17
C.T.H. N
SEE INTERSECTION DETAIL

71+00

1201.63 -48.00 | 1200.87 | 1200.11 28.00

0.020 | 0.020

1200.13 -48.00 | 1199.81 -32.00 | 1199.57 -28.00 | 1199.17 0.00 | 1198.93 12.00 | 1198.61 28.00

70+50

1207.23 MIN -73.10 | 1201.44 -67.00 | 1201.24 -57.00 | 1200.04

0.020 | 0.020 | 0.020

3:1

1201.54 -87.26 | 1199.48 -79.00 | 1201.48 -72.50 | 1199.20 -52.50 | 1199.10 -48.00 | 1198.78 -32.00 | 1198.55 -20.00 | 1198.78 -12.00 | 1198.30 12.00 | 1197.98 28.00 | 1197.74 40.02 | 1197.65 44.52 | 1195.23 60.18

70+00

1206.33 MIN | 1200.54 -67.00 | 1200.34 -57.00 | 1199.42

TLE | R/W

0.020 | 0.010 | 0.020

3:1

1199.32 -86.14 | 1197.54 -79.01 | 1198.54 -75.01 | 1200.58 -69.00 | 1198.29 -52.50 | 1198.20 -48.00 | 1198.04 -32.00 | 1197.92 -20.00 | 1198.16 -12.00 | 1197.68 12.00 | 1197.36 28.00 | 1197.12 40.00 | 1197.03 44.50 | 1194.85 59.43

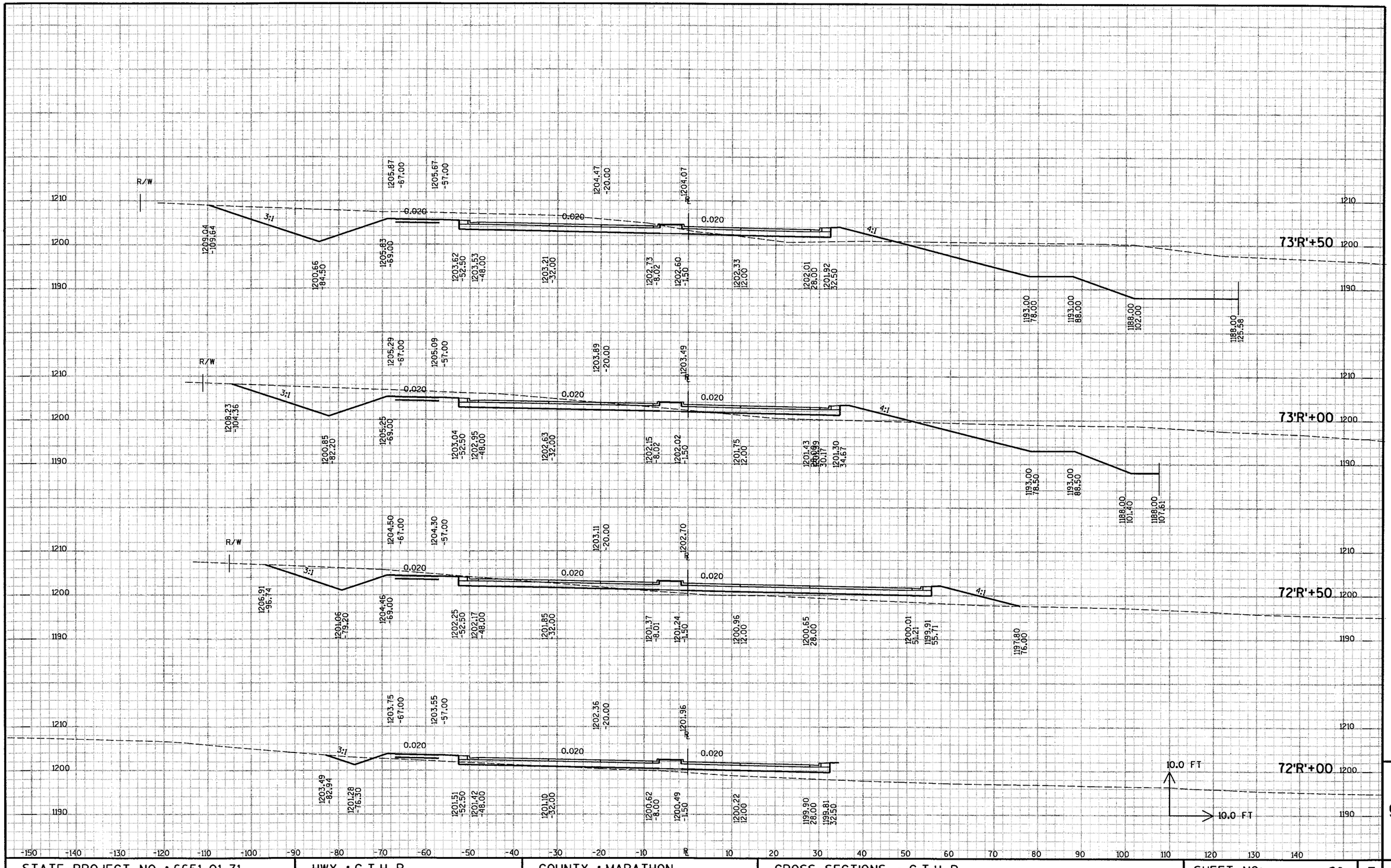
10.0 FT | 10.0 FT

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 R 10 20 30 40 50 60 70 80 90 100 110 120 130 140

9

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N/C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 222	E

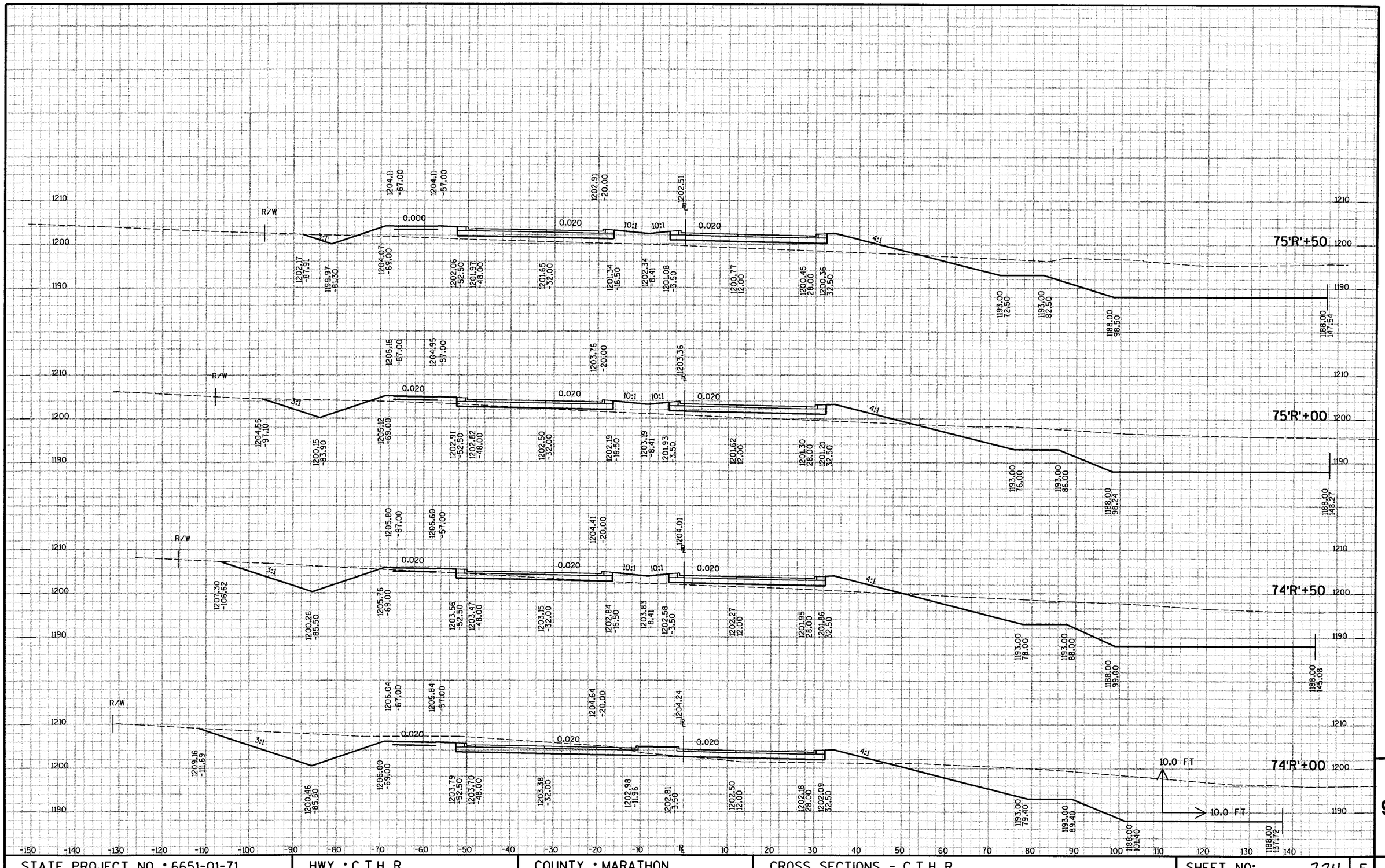
FILE NAME : e:\trans\widot\0223.00\cad\xsecthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:39 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 223	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsacthr01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:41 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

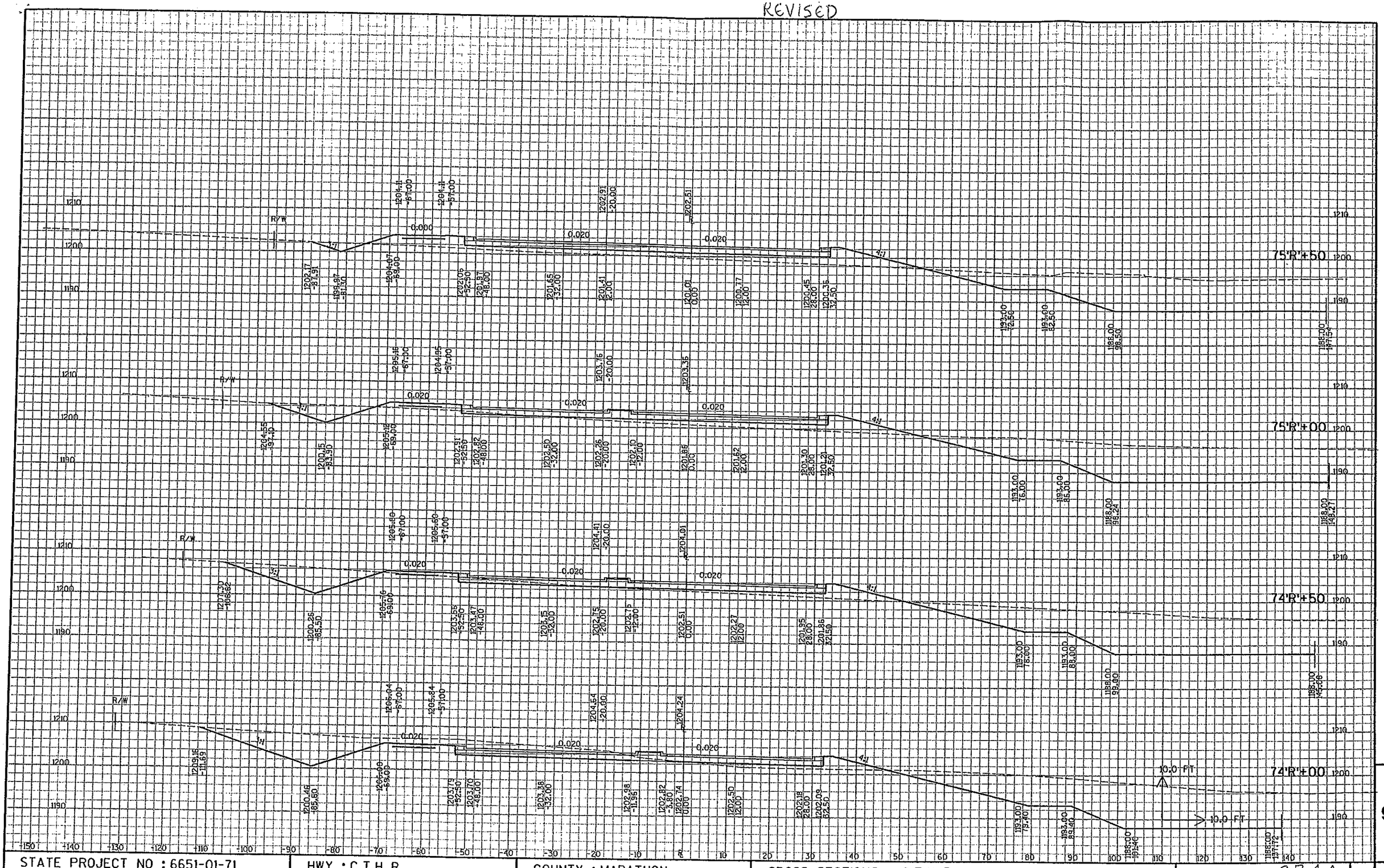


STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 224	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsecthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:44 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

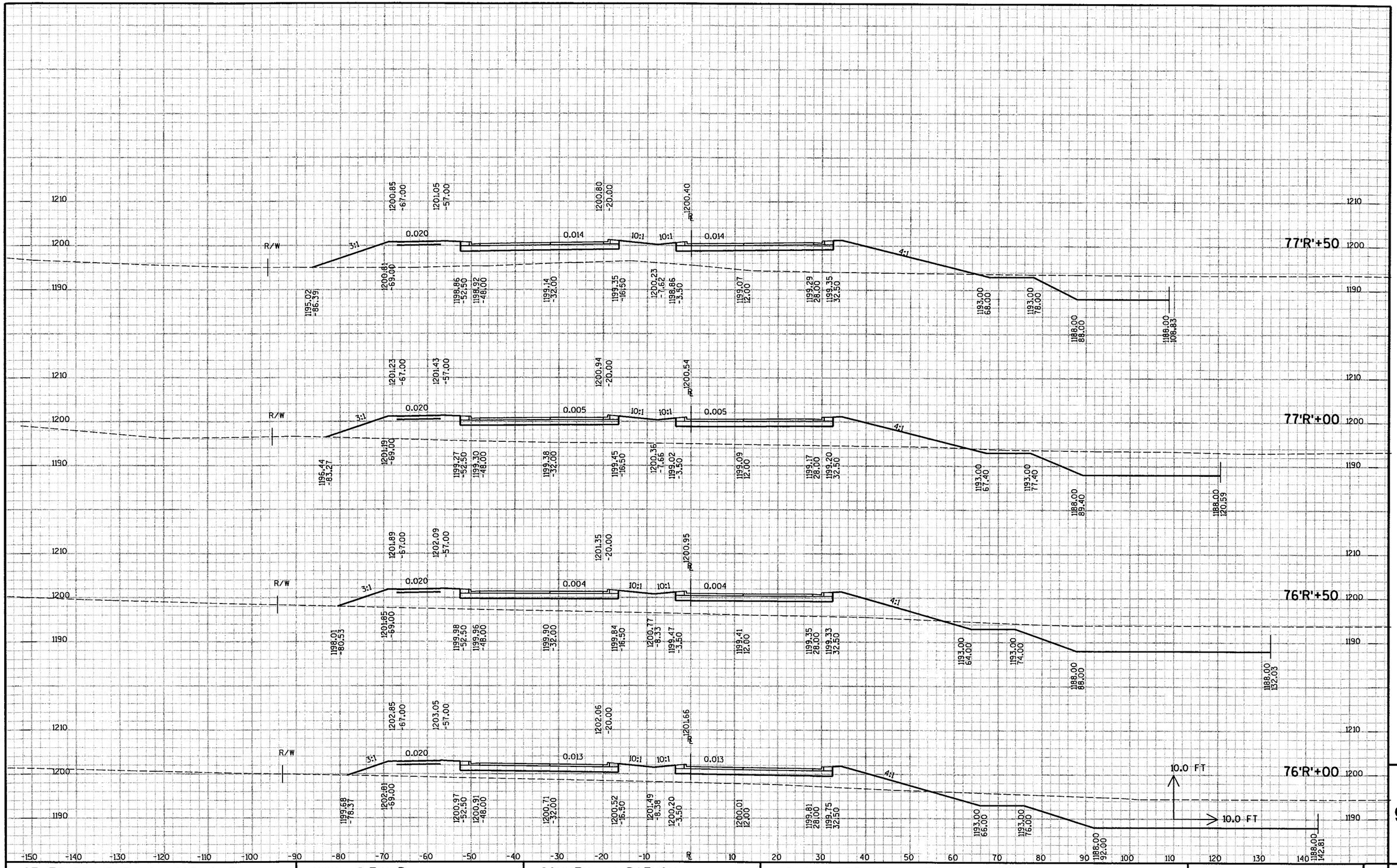
REVISED



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 224A	E

9

FILE NAME : e:\Trans\Widot\0223.00\CAD\XSeCTHN01.dgn PLOT DATE: 5/13/2004 PLOT TIME: 1:15:10 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



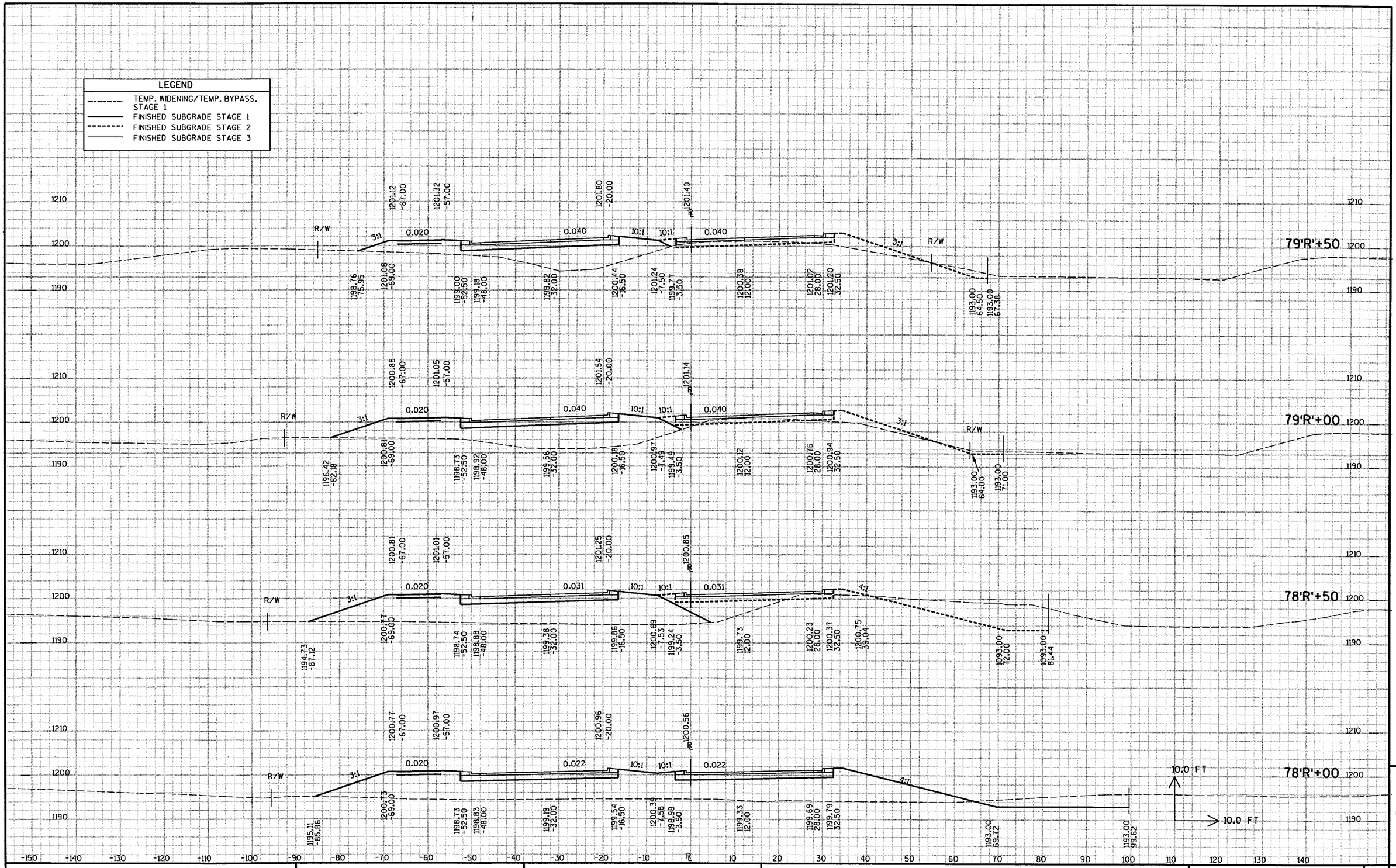
STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 225	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsacthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:47 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3



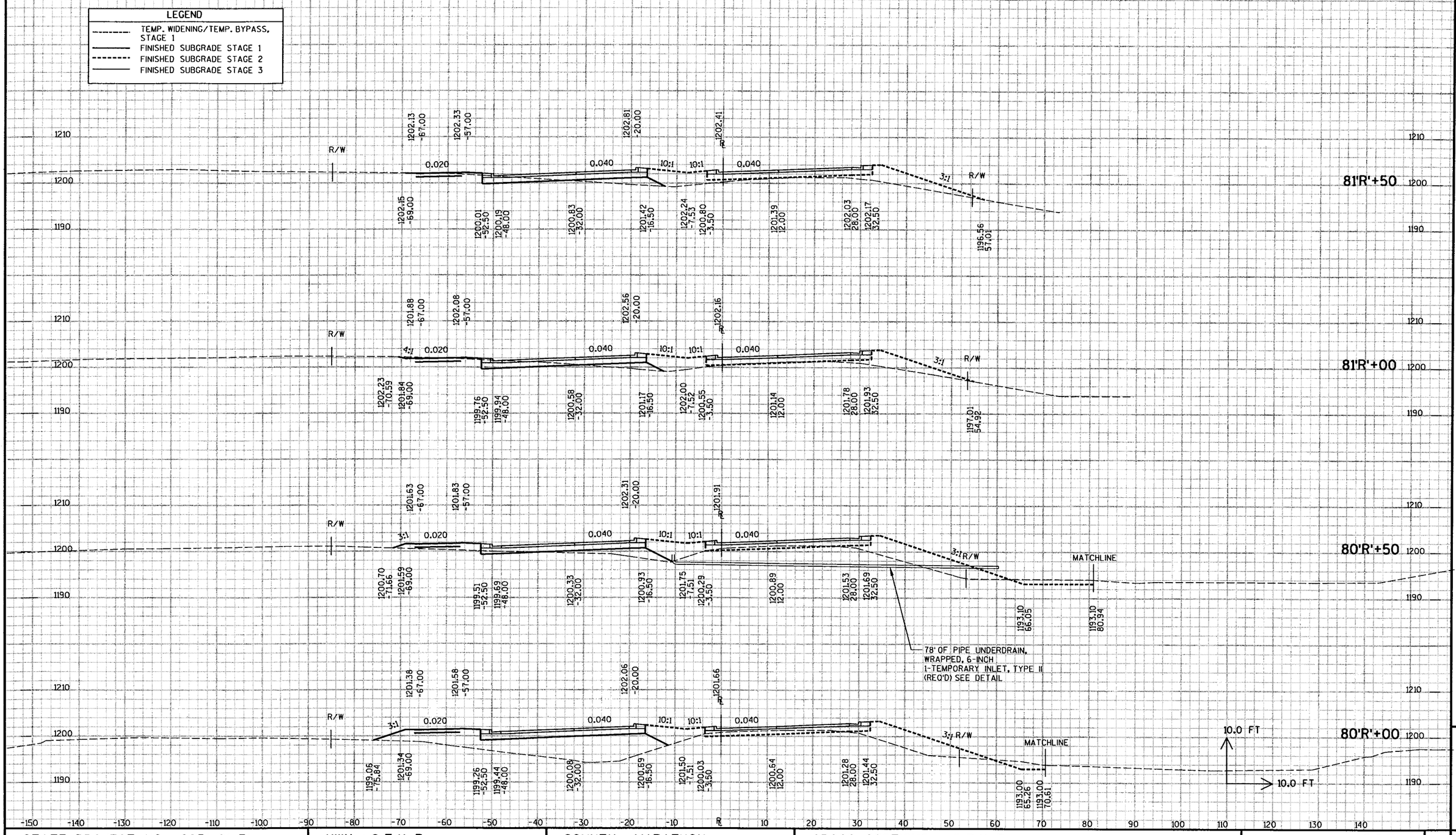
STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 226	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsacthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:49 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3



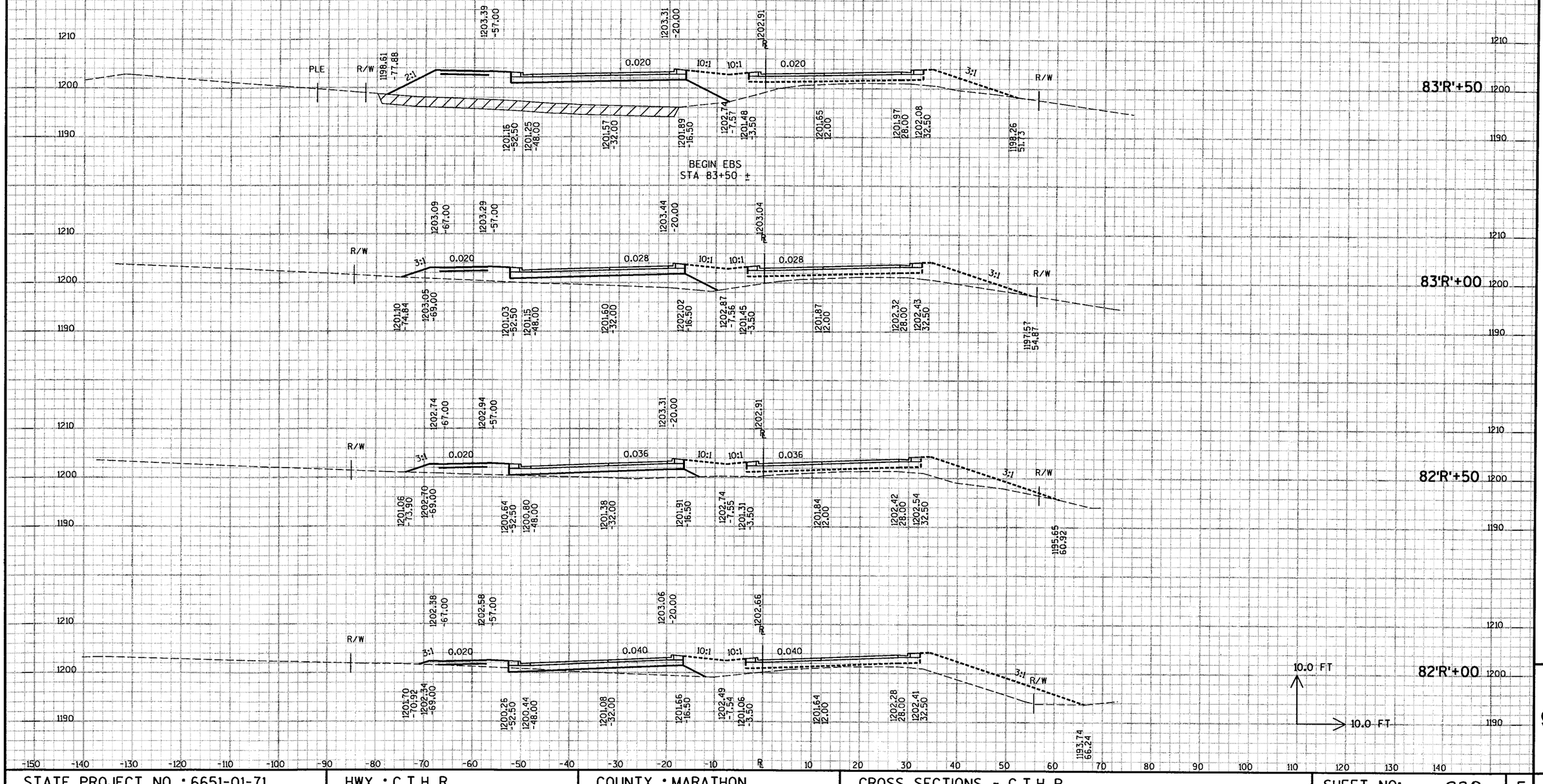
STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 227	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsecthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:53 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3



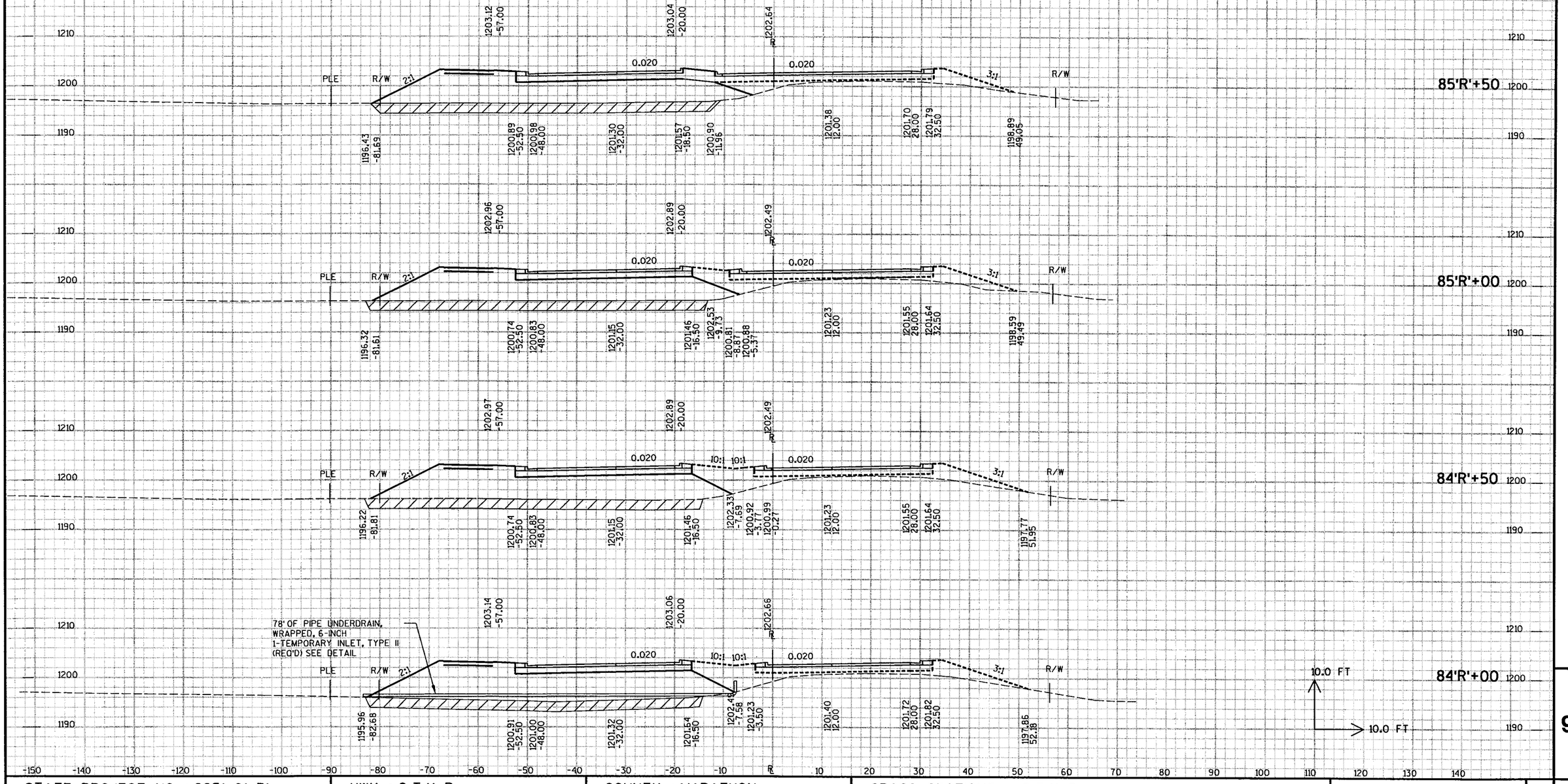
STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 228	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsacthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:57 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 229	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsacthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:07:58 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3

STA 87'R'+10.10
W. TULIP LANE
SEE INTERSECTION DETAIL

87'R'+50

STA 87'R'+10.10
W. TULIP LANE
SEE INTERSECTION DETAIL

87'R'+00

END EBS
STA 86+50

86'R'+50

86'R'+00

10.0 FT

10.0 FT

9

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 23ϕ	E

FILE NAME : e:\trans\widot\0223.00\cad\xsacthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:00 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3

89'R'+50

89'R'+00

88'R'+50

88'R'+00

70 LF OF PIPE UNDERDRAIN, WRAPPED, 6-INCH
1-TEMPORARY INLET, TYPE II (REC'D) SEE DETAIL

10.0 FT

10.0 FT

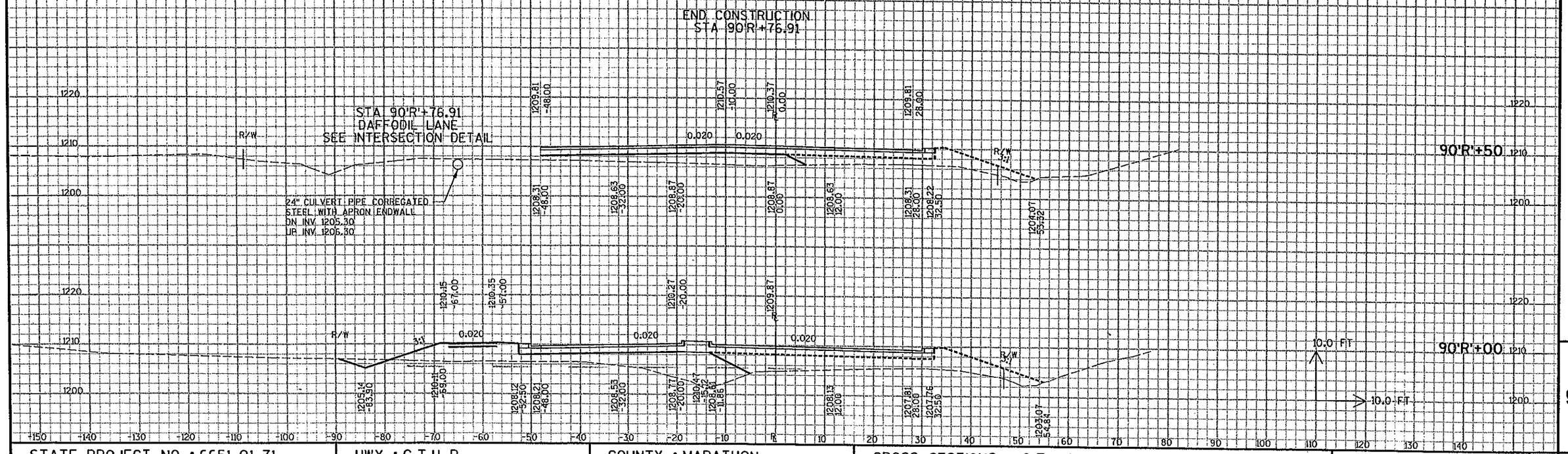
9

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 23	E

FILE NAME : e:\trans\widot\0223.00\cad\xsacthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:02 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 232	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsecthn01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:06 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

TEMP. WIDENING/TEMP. BYPASS, STAGE 1

FINISHED SUBGRADE STAGE 1

FINISHED SUBGRADE STAGE 2

93'R'+00

92'R'+50

92'R'+00

91'R'+50

91'R'+00

BEGIN CONSTRUCTION STA 90'R'+71.15

10.0 FT

10.0 FT

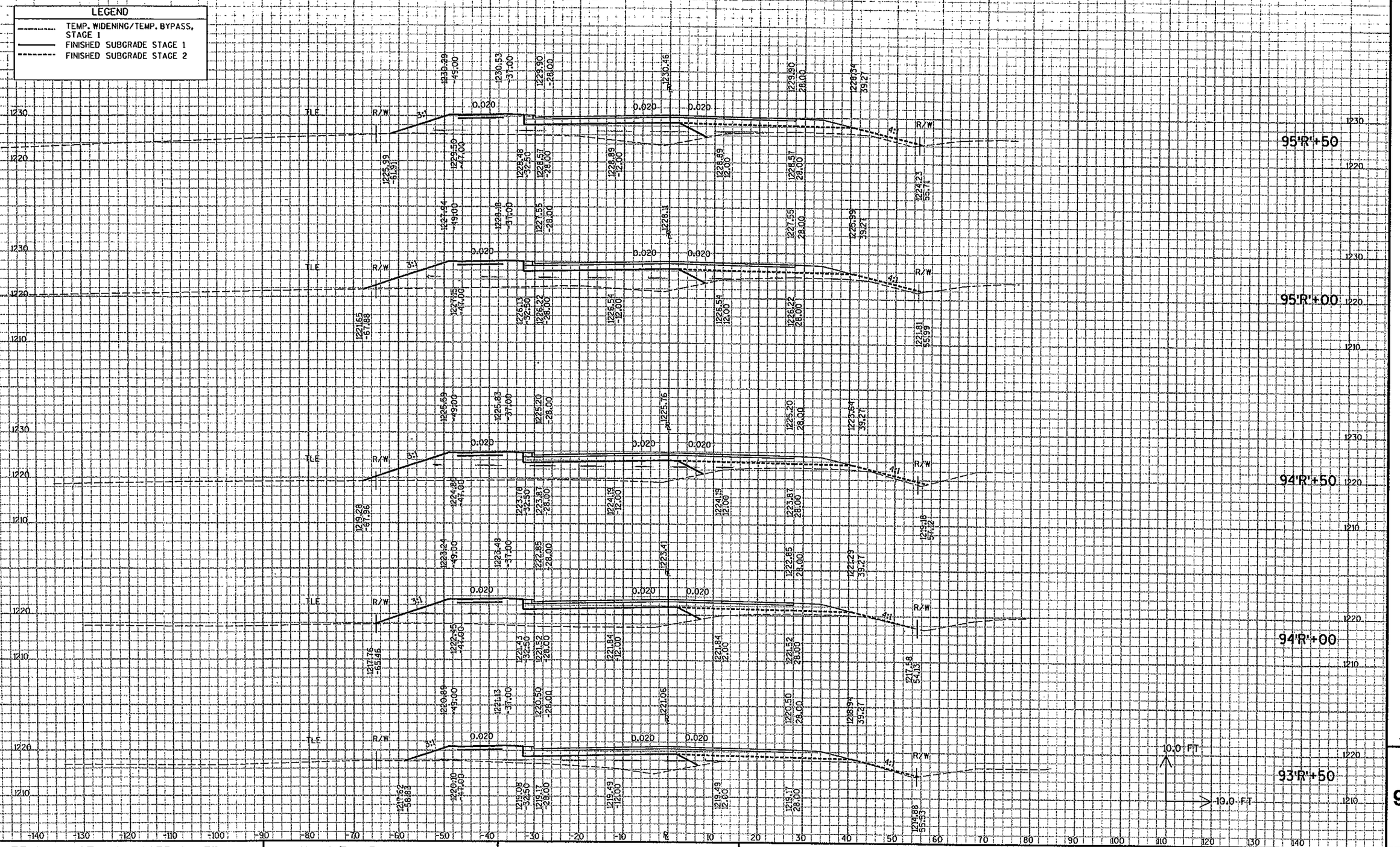
STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 233	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsahumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:10 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2



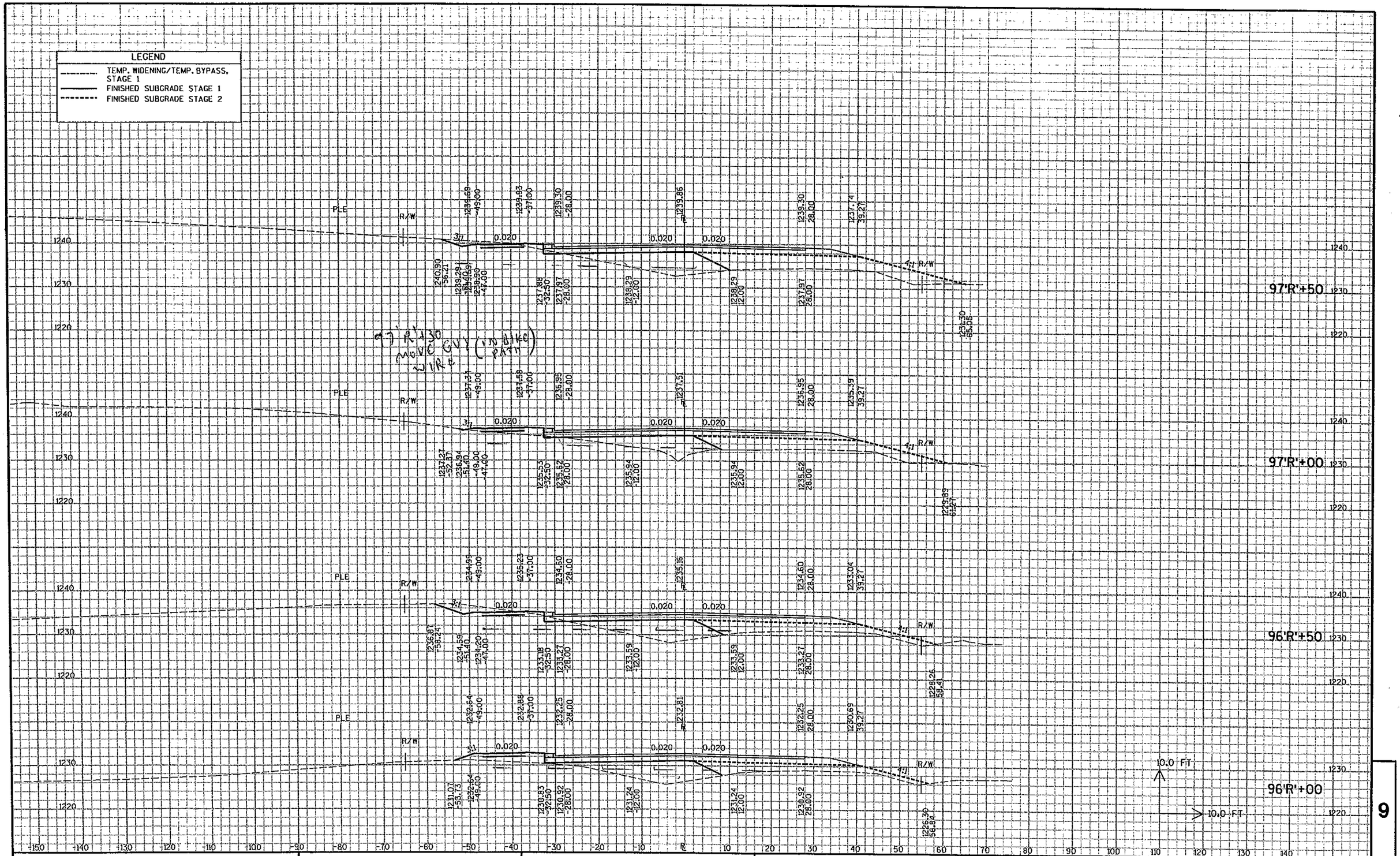
STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 234	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsehumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:15 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2



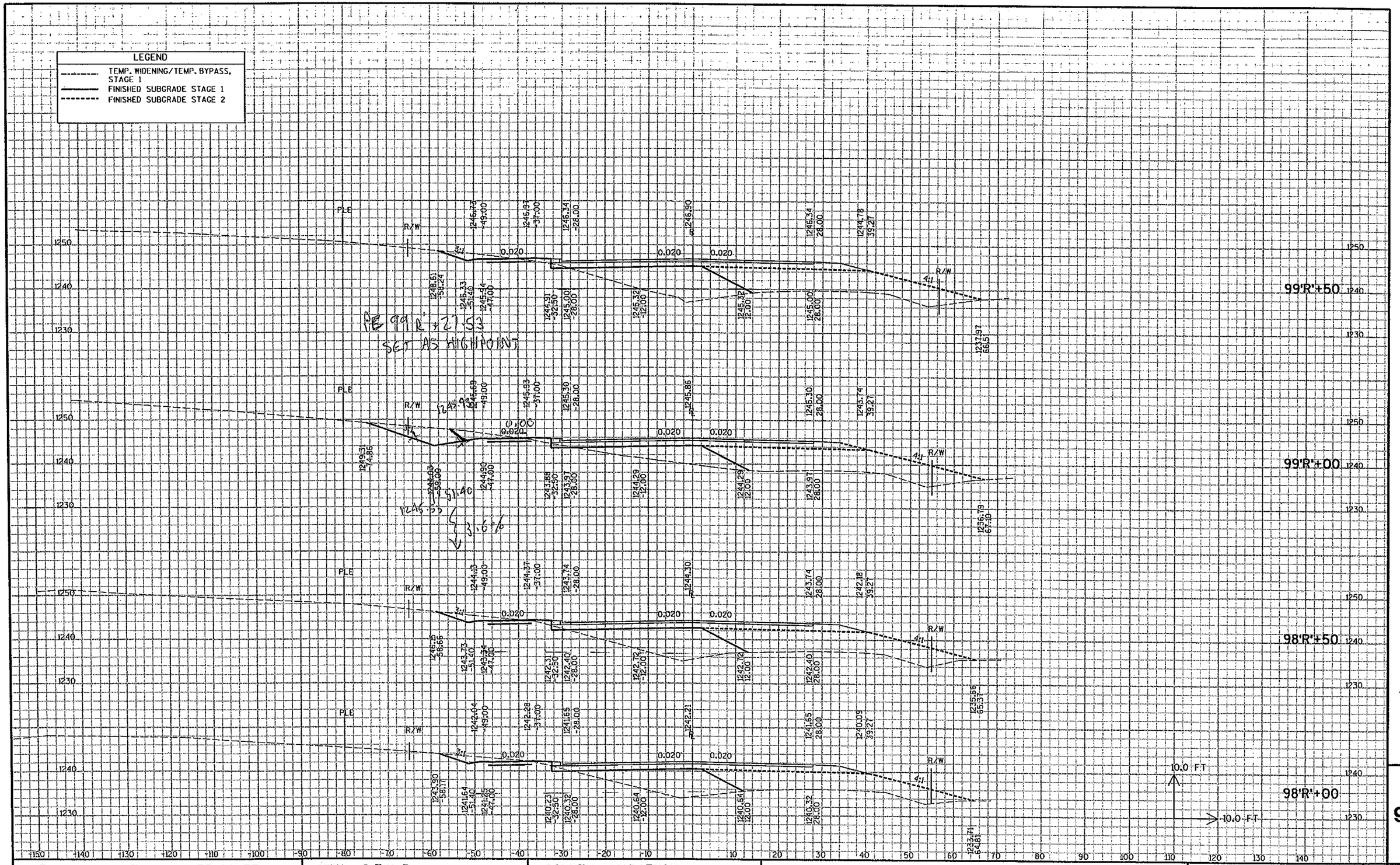
STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 235	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsahumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:19 PM ORG DATE : PLOT NAME : Originator : Diet PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 236	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsohumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:21 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2

PIPE - WIDTH 11A
SUMP 6"

PE 101+39.92

101'R'+50

101'R'+00

100'R'+50

100'R'+00

10.0 FT

10.0 FT

9

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 237	E

FILE NAME : e:\trans\widot\0223.00\cad\xsohumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:24 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2

103'R'+50

103'R'+00

102'R'+50

102'R'+00

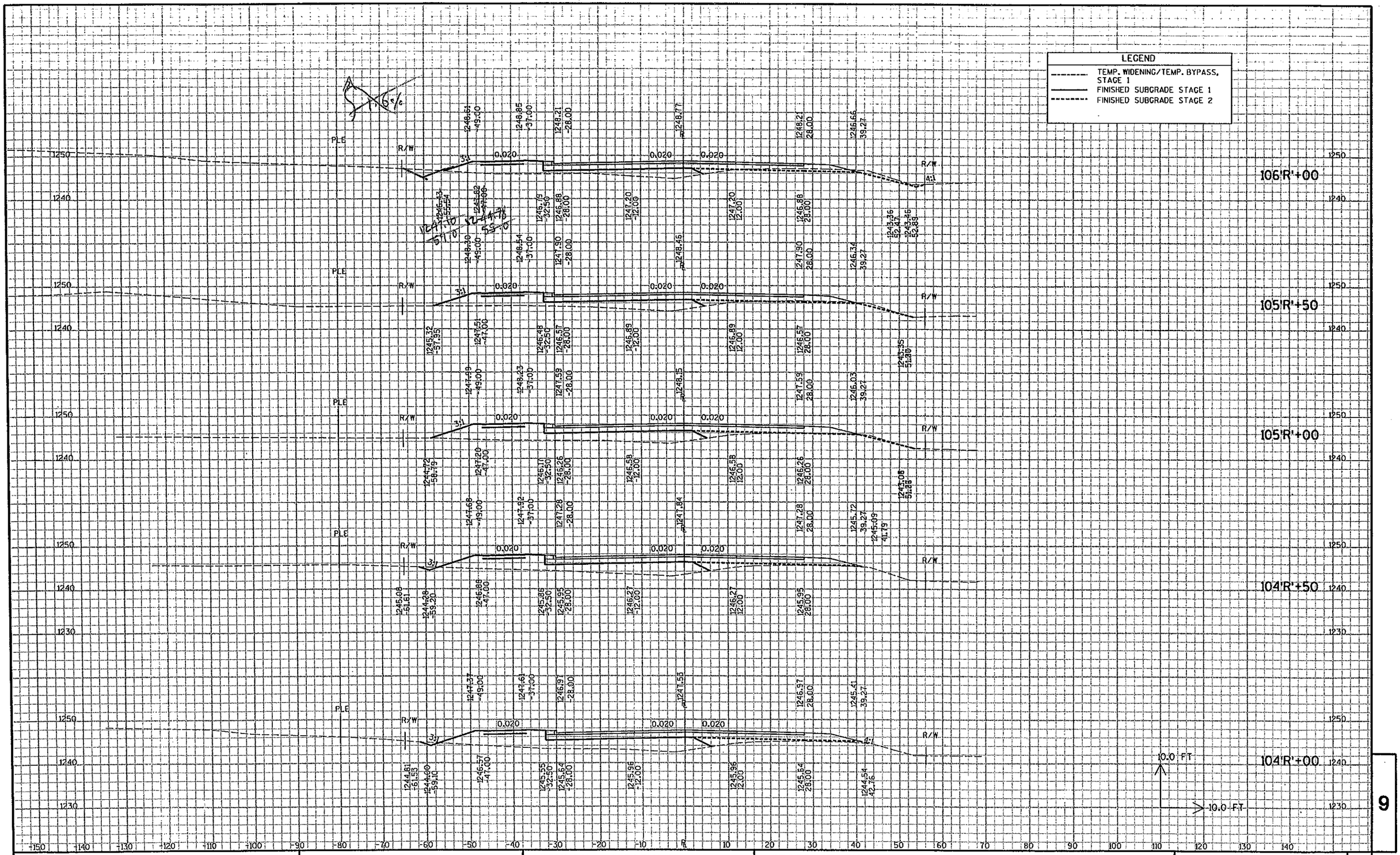
10.0 FT

10.0 FT

9

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 238	E

FILE NAME : e:\trans\widot\0223.00\cad\xsohummD1.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:28 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 239 E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsohumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:31 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

TEMP. WIDENING/TEMP. BYPASS, STAGE 1

FINISHED SUBGRADE STAGE 1

FINISHED SUBGRADE STAGE 2

109'R'+00

108'R'+50

108'R'+00

107'R'+50

107'R'+00

106'R'+50

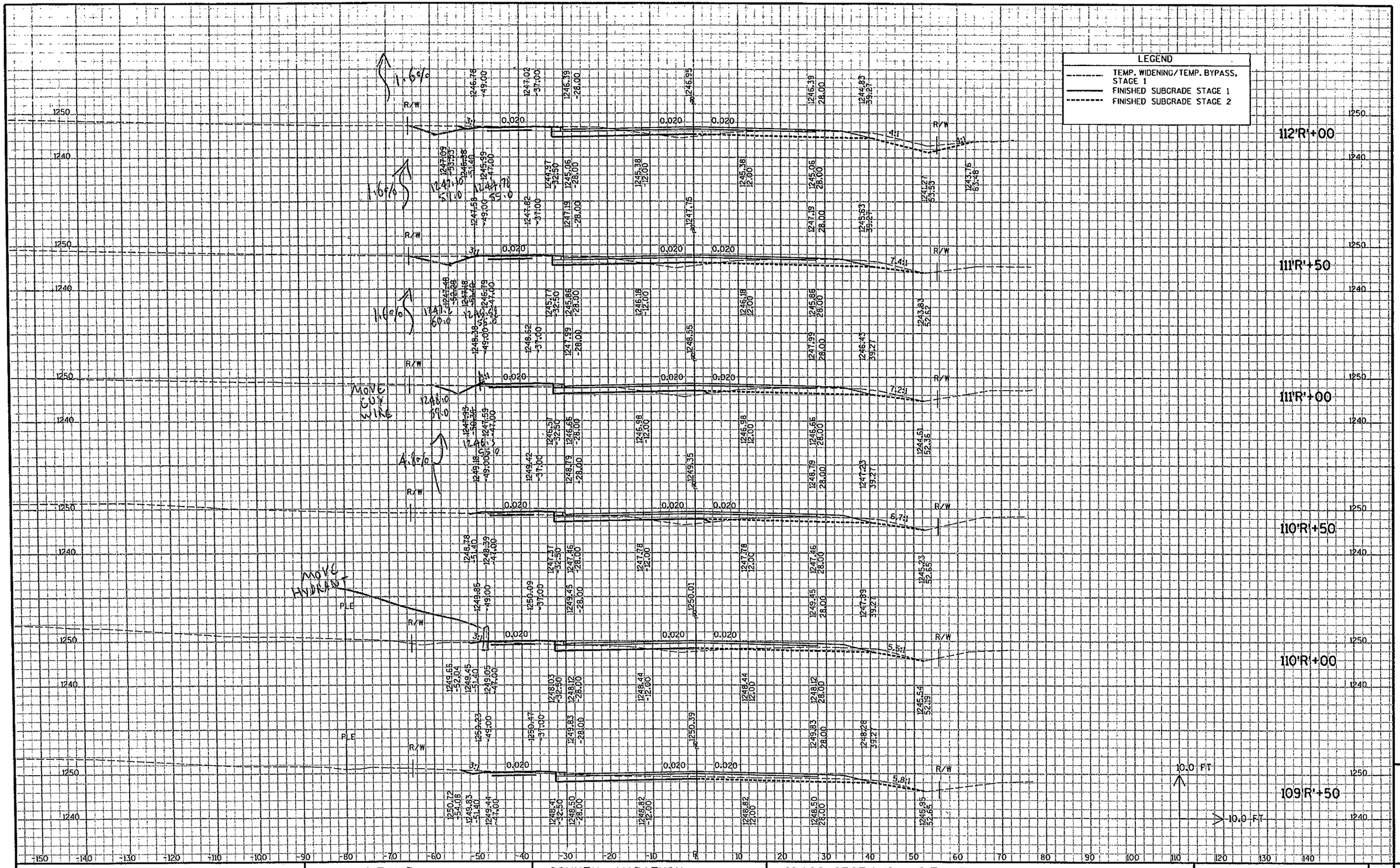
10.0 FT

10.0 FT

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 24ϕ	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsahumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:34 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 241	E

FILE NAME : e:\trans\widot\0223.00\cad\xschumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:38 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2

1.6%

RIPRAP DITCH TO CLOVERLEAF CULVERT

2.3%

1.6%

114'R'+50

114'R'+00

113'R'+50

113'R'+00

112'R'+50

10.0 FT

10.0 FT

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 242	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsohumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:43 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2

MOVE PHONE POLE

STA 116'R'+30.34
CLOVERLAND LANE
SEE INTERSECTION DETAIL

STA 116'R'+30.34
CLOVERLAND LANE
SEE INTERSECTION DETAIL

28" CULVERT PIPE CORREGATED STEEL WITH APRON ENDWALLS
DN INV 1235.65
UP INV 1235.95

117'R'+00

116'R'+50

116'R'+30.34

116'R'+00

115'R'+50

115'R'+00

10.0 FT

10.0 FT

9

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 243	E

FILE NAME : e:\trons\widot\D223.00\cad\xsehumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:46 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2

120'R'+00

119'R'+50

119'R'+00

118'R'+50

118'R'+00

117'R'+50

MOVE GUY WIRE

10.0 FT

10.0 FT

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 244	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsahumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:50 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2

122'R'+00

121'R'+50

121'R'+00

120'R'+50

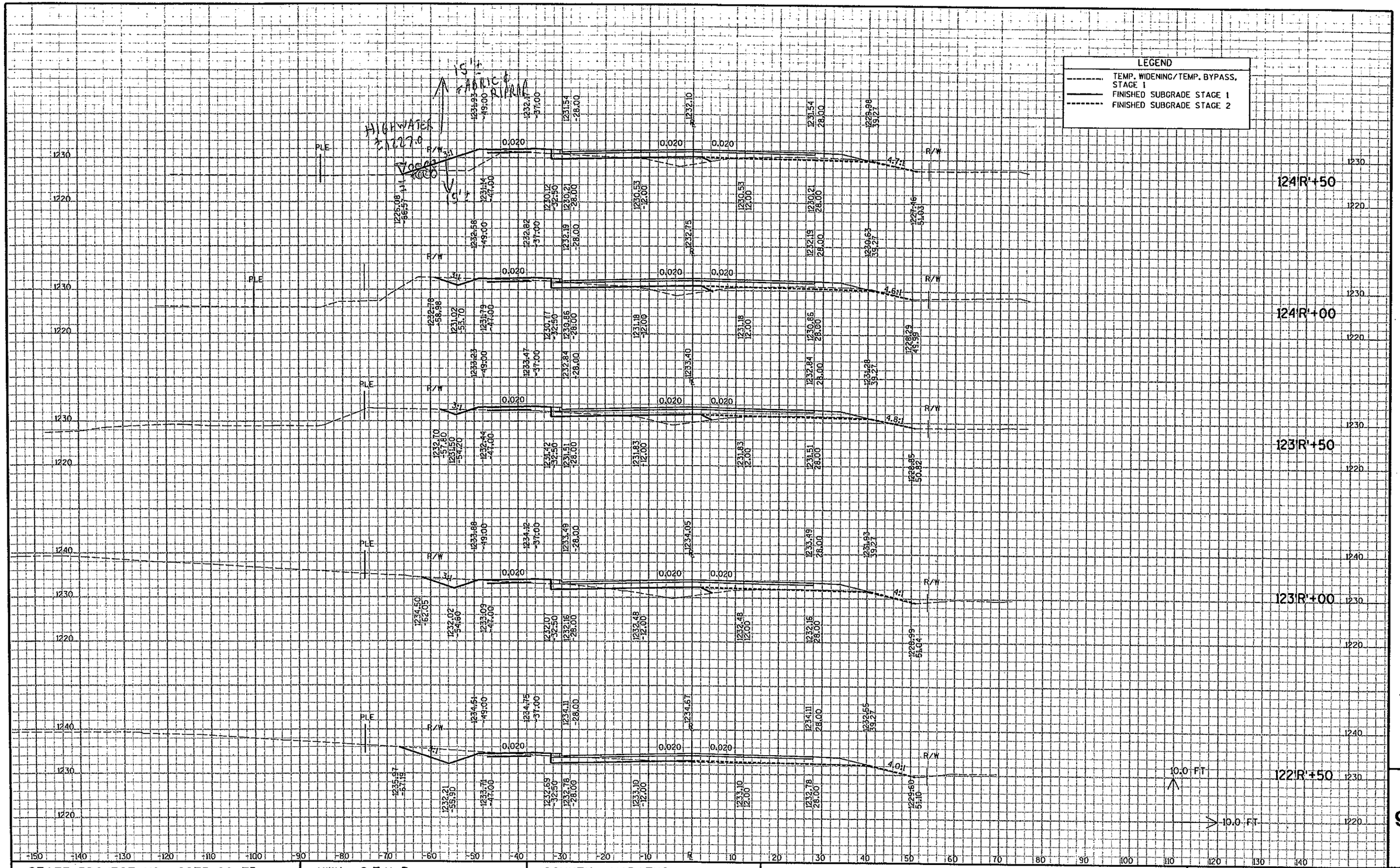
10.0 FT

10.0 FT

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 245	E

9

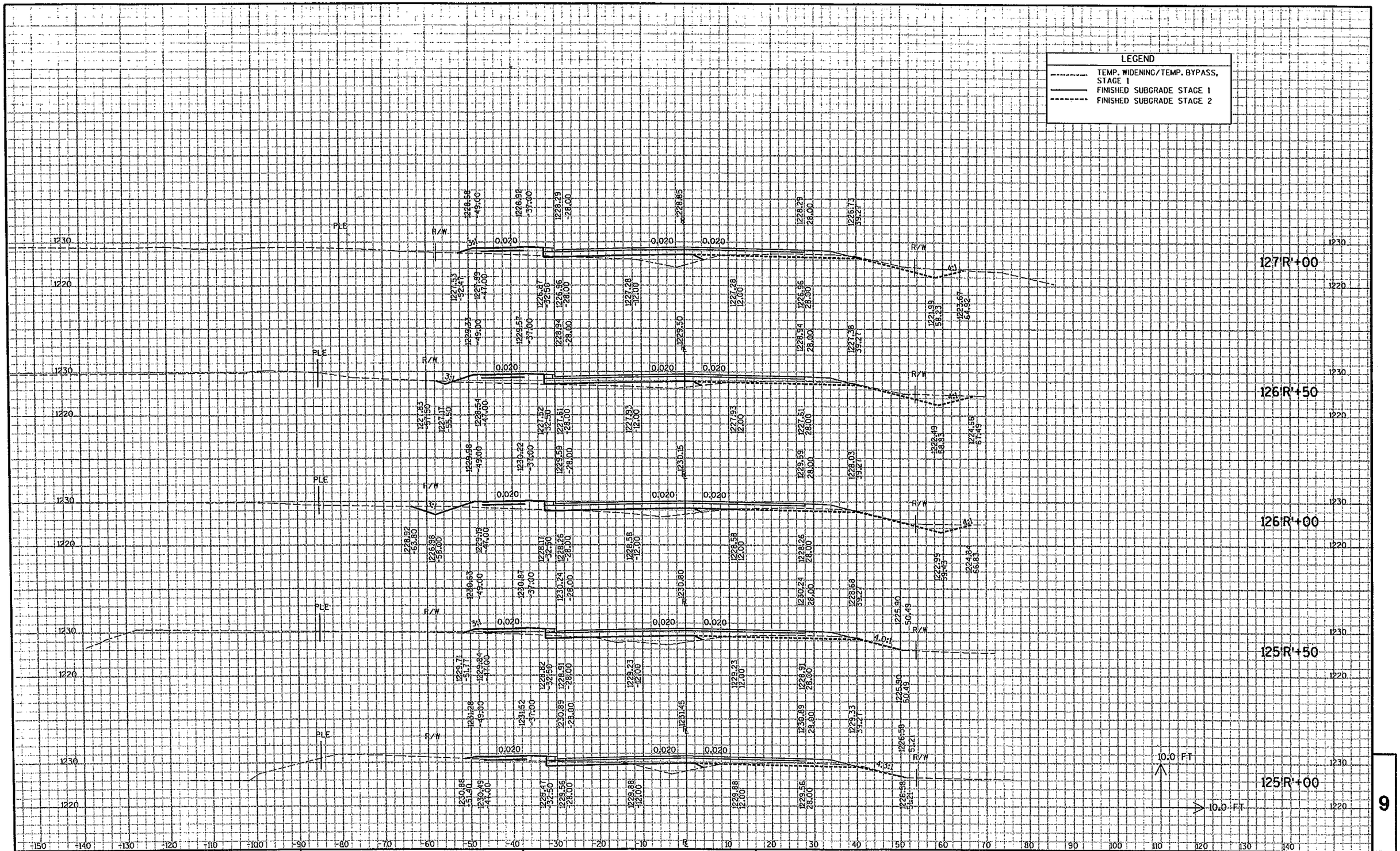
FILE NAME : e:\trans\widot\0223.00\cad\xschumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:54 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 246	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsshumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:08:57 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 247	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsahumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:00 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

TEMP. WIDENING/TEMP. BYPASS, STAGE 1

FINISHED SUBGRADE STAGE 1

FINISHED SUBGRADE STAGE 2

129'R'+50

129'R'+00

128'R'+50

128'R'+00

127'R'+50

10.0 FT

10.0 FT

9

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 248	E

FILE NAME : e:\trans\widot\D223.00\cad\xschumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:03 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2

132'R'+00

131'R'+50

131'R'+00

130'R'+50

130'R'+00

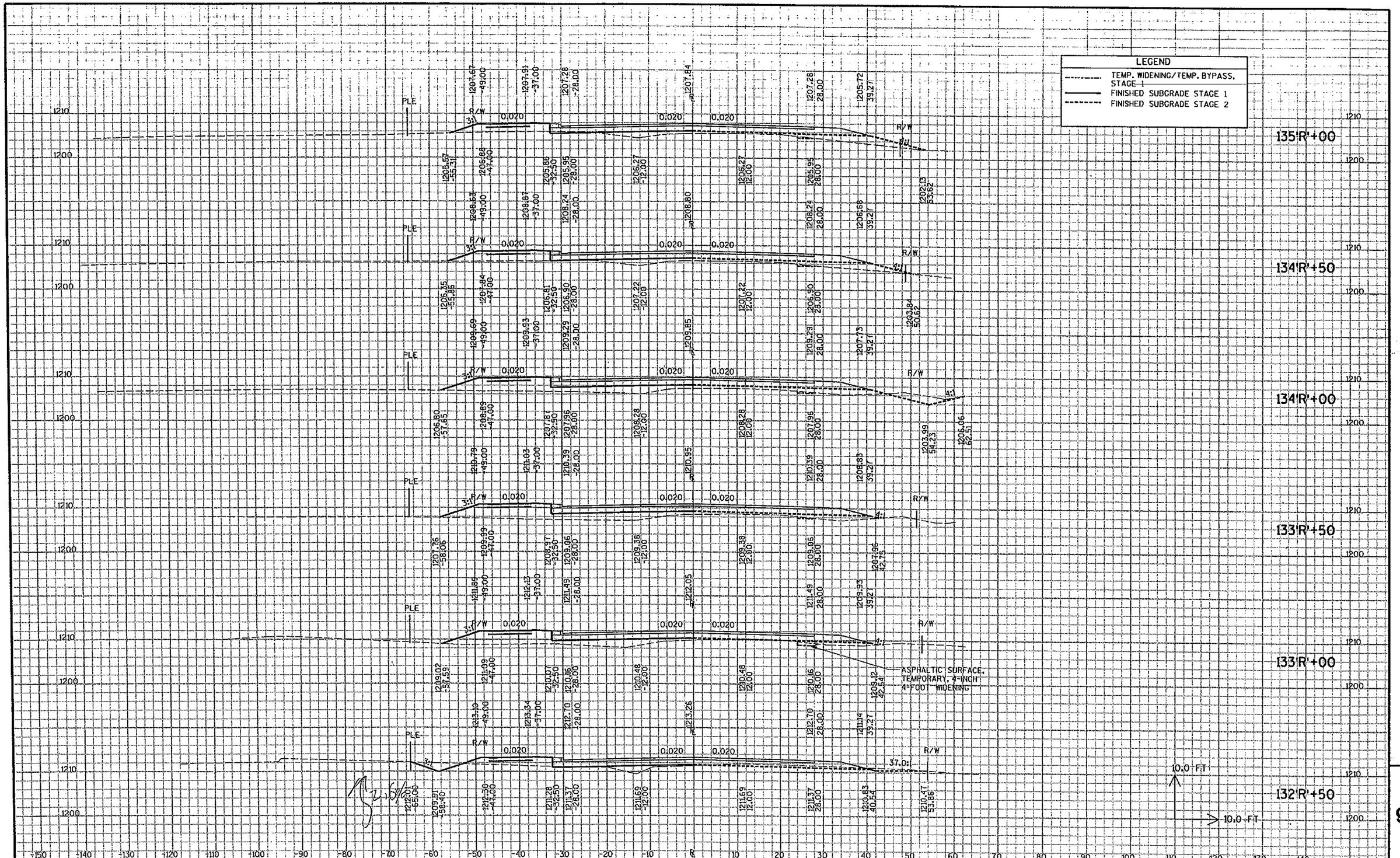
10.0 FT

10.0 FT

9

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 249	E

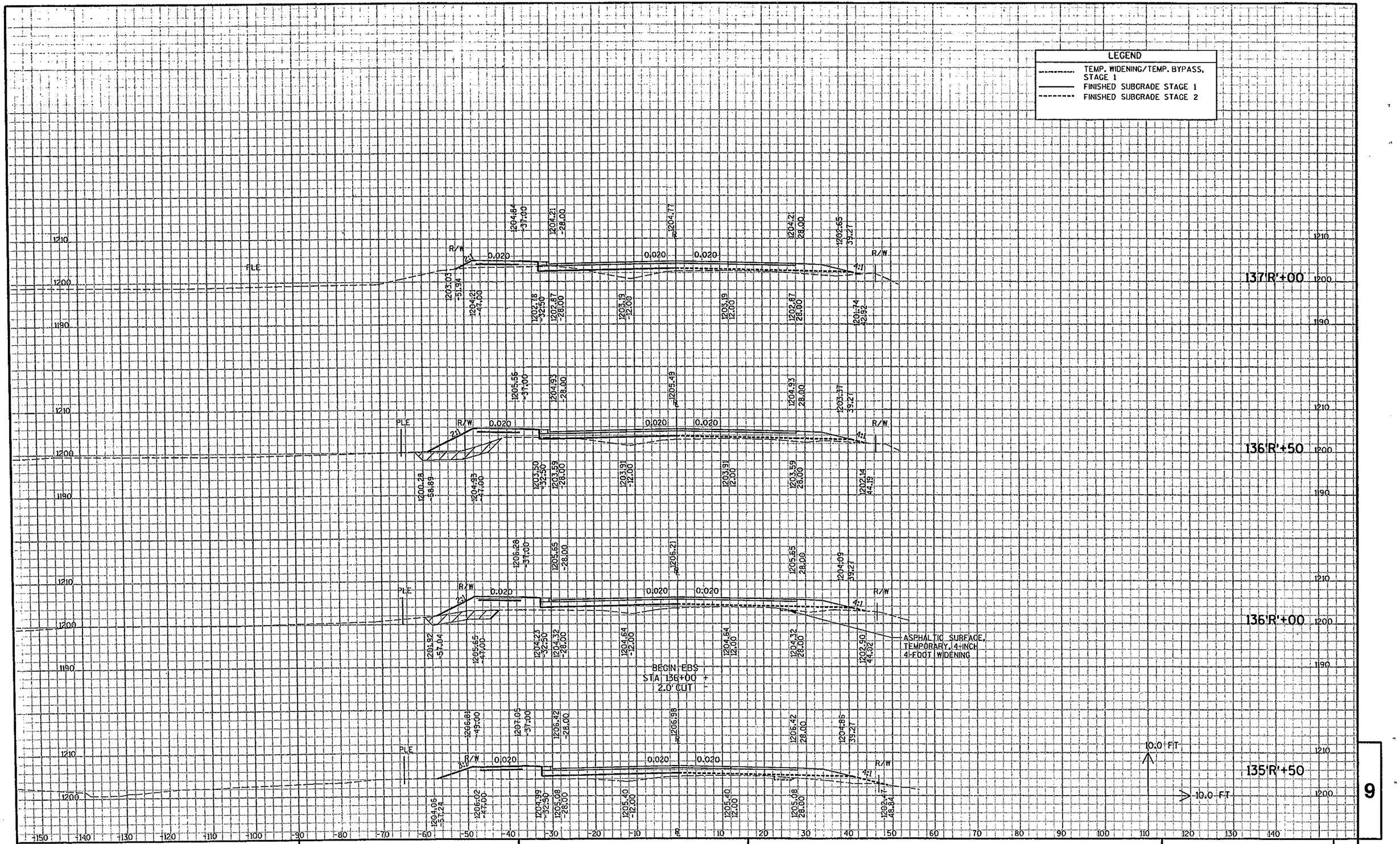
FILE NAME : e:\trans\widot\0223.00\cad\xsahumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:06 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 250	E

FILE NAME : e:\trans\widot\0223.00\cad\xsohumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:09 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

9



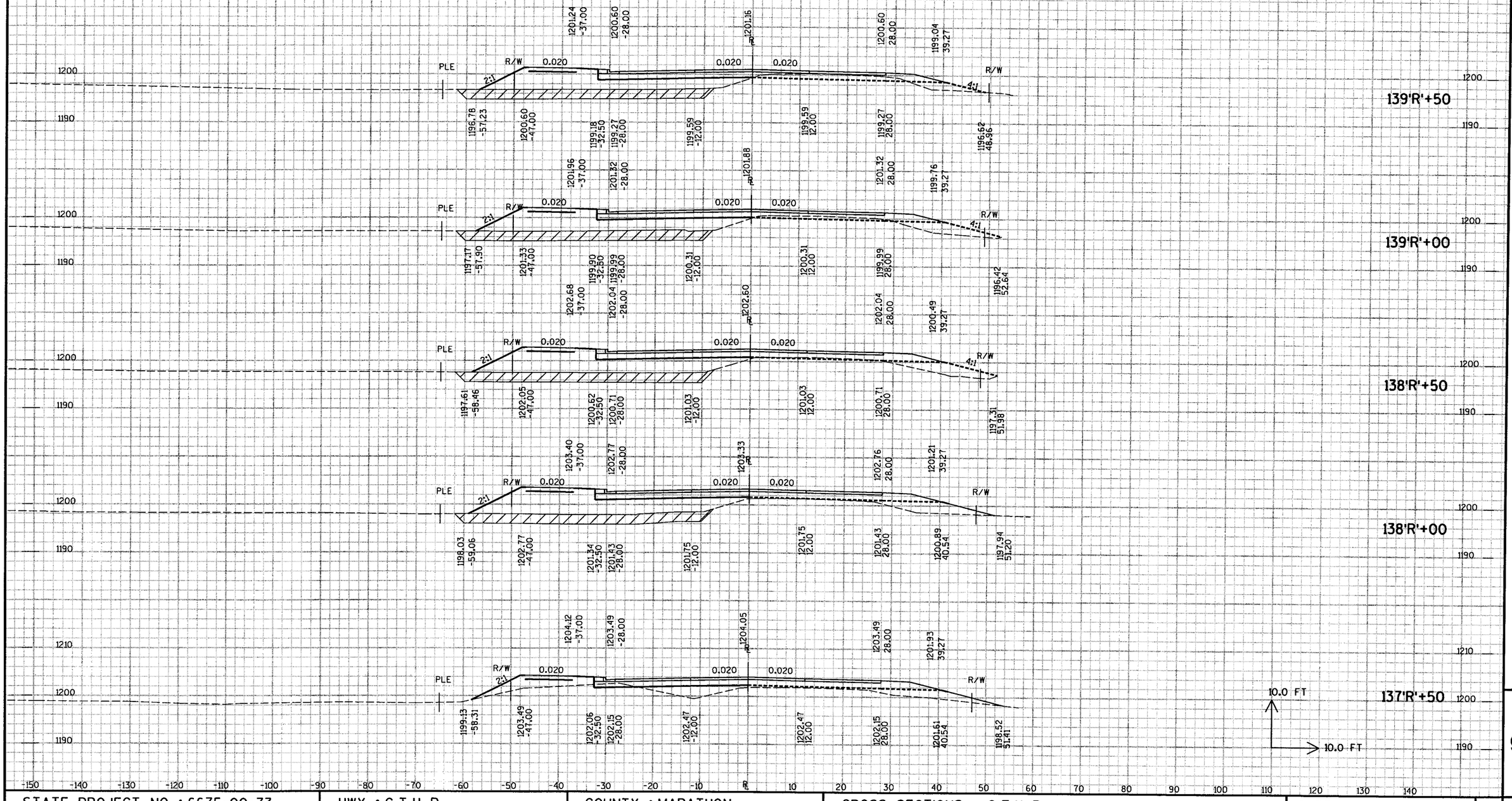
STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 251	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsshumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:12 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2



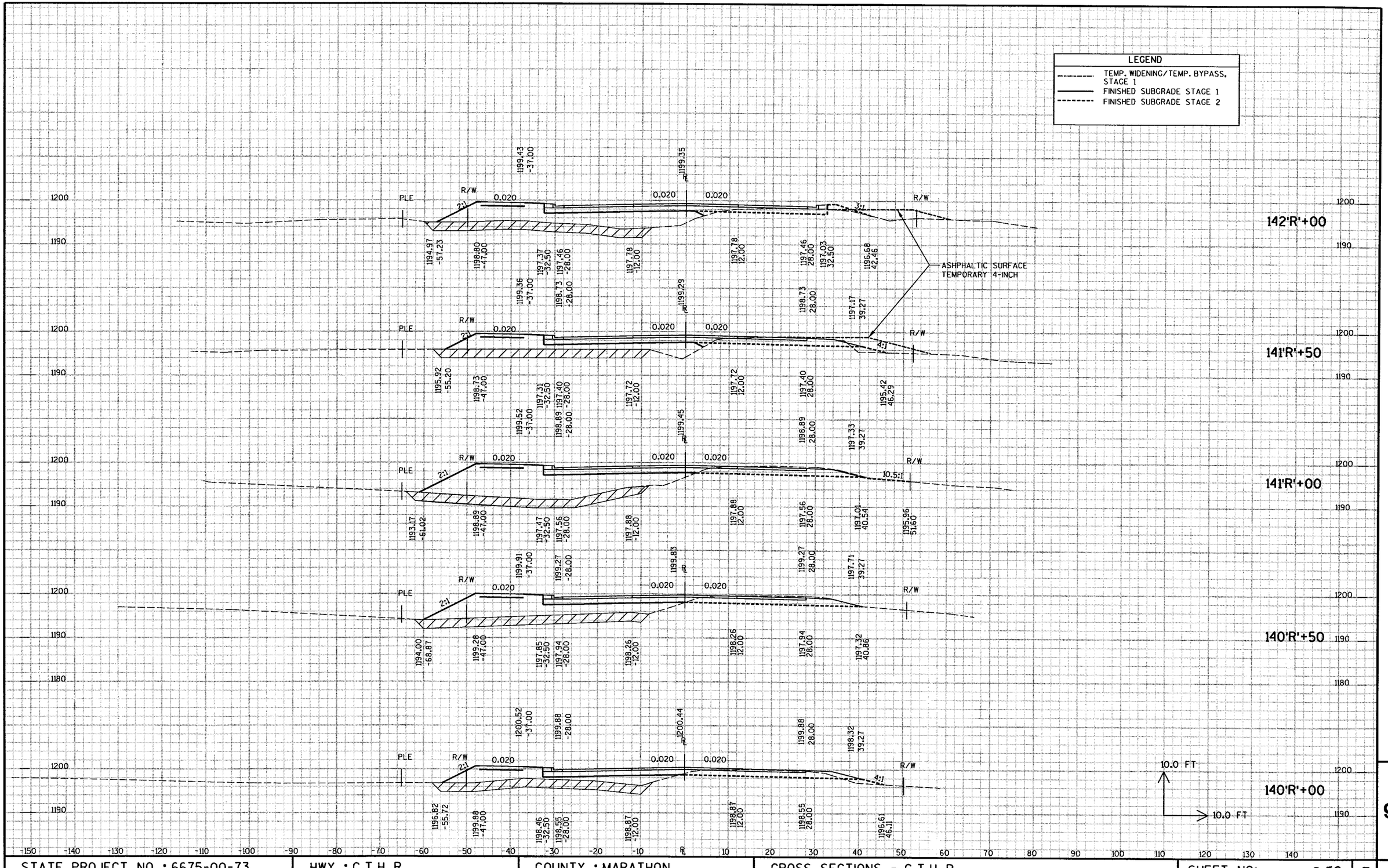
STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 252	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsahumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:14 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 253	E

9

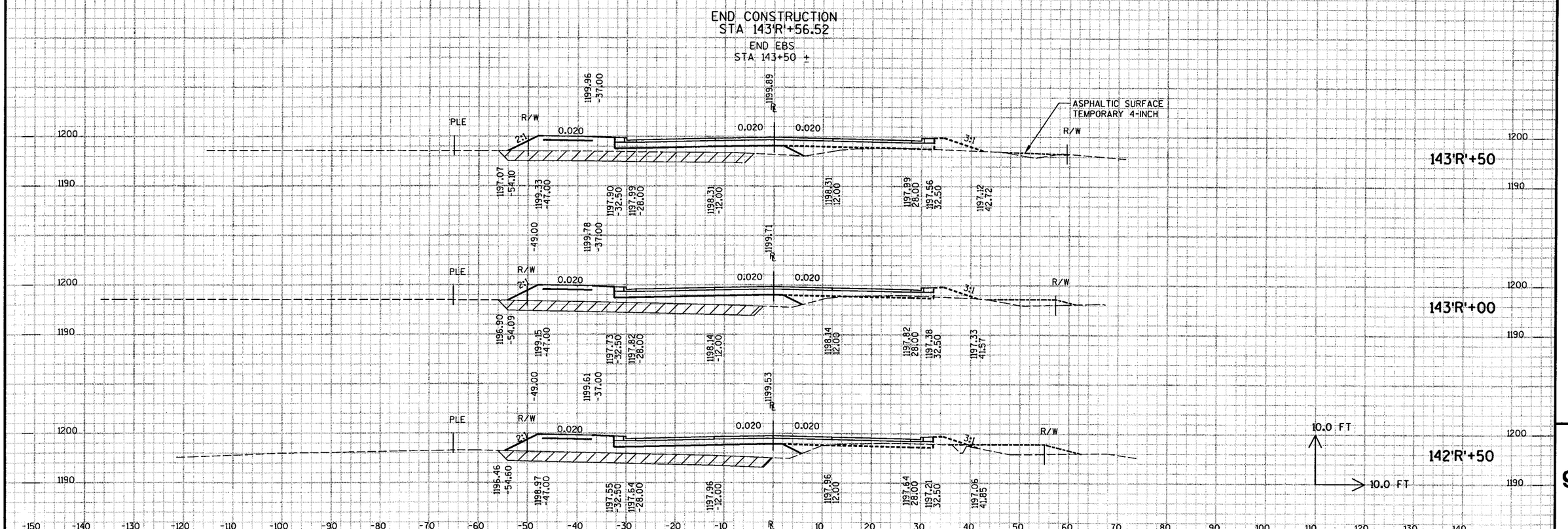
FILE NAME : e:\trans\widot\0223.00\cad\xsahumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:19 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2

END CONSTRUCTION
STA 143+R+56.52

END EBS
STA 143+50 ±



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - C.T.H. R	SHEET NO: 254	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsahumm01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:23 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

5'L'+25

5'L'+00

4'L'+75

4'L'+50

4'L'+25

4'L'+00

3'L'+75

1190 1180 1190 1180 1190 1180 1190 1180 1190 1180 1190 1180 1190 1180

3:1 0.020 0.020 4:1

1191.61 -25.10 | 1192.11 0 | 1191.63 24.00

1191.91 -30.20 | 1190.62 -29.60 | 1190.11 -25.10 | 1190.61 0.000 | 1190.13 24.00

1191.74 -16.00 | 1192.06 0 | 1191.74 16.00

1191.89 -34.99 | 1190.27 -28.50 | 1189.97 -20.50 | 1190.24 -16.00 | 1190.56 0.00 | 1190.24 16.00 | 1189.97 20.50 | 1191.72 24.17

1191.83 -15.80 | 1192.14 0 | 1191.86 14.40

1192.11 -22.02 | 1191.41 -19.20 | 1190.31 -16.80 | 1190.33 -15.80 | 1190.64 0.00 | 1190.36 14.40 | 1190.34 15.40 | 1191.44 17.80 | 1191.94 19.80

1192.09 -12.70 | 1192.34 0 | 1192.08 13.00

1192.32 -18.73 | 1191.67 -16.10 | 1190.57 -13.70 | 1190.59 -12.70 | 1190.84 0.00 | 1190.58 13.00 | 1190.56 14.00 | 1191.66 16.40 | 1192.01 17.78

PL PL

BEGIN CONSTRUCTION
STA 3'L'+65.00

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140

10.0 FT

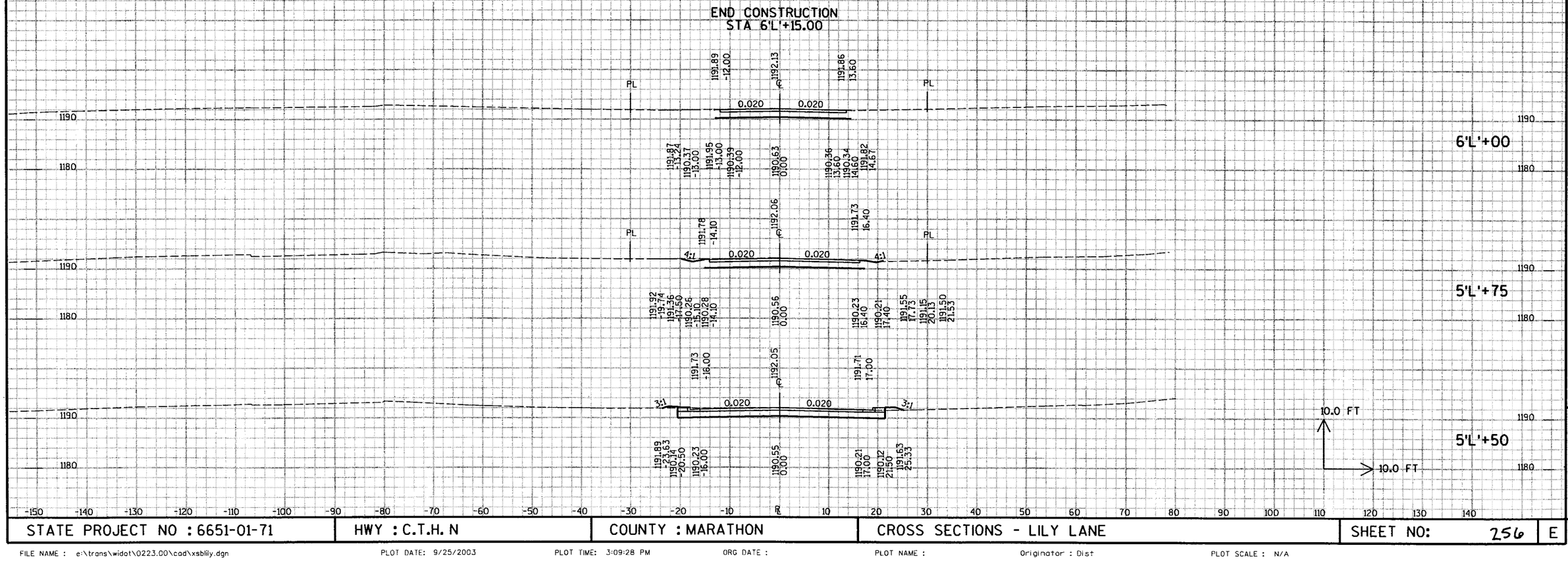
10.0 FT

9

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - LILY LANE	SHEET NO: 255	E

FILE NAME : e:\trans\widot\0223.00\cad\xsblily.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:26 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

END CONSTRUCTION
STA 6'L'+15.00



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - LILY LANE	SHEET NO: 256	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsblily.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:28 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

5'J'+00

4'J'+75

4'J'+50

4'J'+25

4'J'+00

3'J'+75

1190 1180

3:1 0.020 0.020

1192.49 1192.02 1191.90 1192.15

1191.52 -34.61 | 1190.40 -29.60 | 1190.49 -25.10 | 1190.51 24.00

1191.60 -34.09 | 1190.53 -29.79 | 1190.07 -22.79 | 1190.16 -18.29 | 1190.06 22.96 | 1189.97 27.46 | 1191.10 32.46 | 1191.46 33.89

1191.58 -15.90 | 1191.61 14.20

1190.87 -19.66 | 1190.08 -18.30 | 1190.41 14.20 | 1190.09 15.20 | 1191.51 15.51

1191.89 -13.10 | 1191.89 12.70

1191.99 -14.59 | 1191.87 -14.10 | 1190.39 12.70 | 1190.37 13.70 | 1191.87 13.70 | 1191.91 13.84

PL 4:1

10.0 FT 10.0 FT

BEGIN CONSTRUCTION
STA 3'J'+65.00

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 PL 10 20 30 40 50 60 70 80 90 100 110 120 130 140

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - JONQUIL LANE	SHEET NO: 257	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xscjonq01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:31 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

END CONSTRUCTION
STA 6'J'+40.00

6'J'+25

1191.22
-13.70

1191.50
℄

1191.26
12.00

PL

0.020

0.020

PL

6'J'+00

1191.45
-16.50

1191.78
℄

1191.49
14.20

PL

0.020

0.020

PL

5'J'+75

1190.91
-19.57

1189.93
-17.50

1189.95
-16.50

1189.99
14.20

1189.97
15.20

1190.83
17.17

1192.18
℄

3:1

0.020

0.020

3:1

5'J'+50

1190.82
-28.16

1190.25
-21.50

1190.34
-17.00

1190.36
16.00

1190.27
20.50

1190.78
27.34

10.0 FT

10.0 FT

5'J'+25

1190

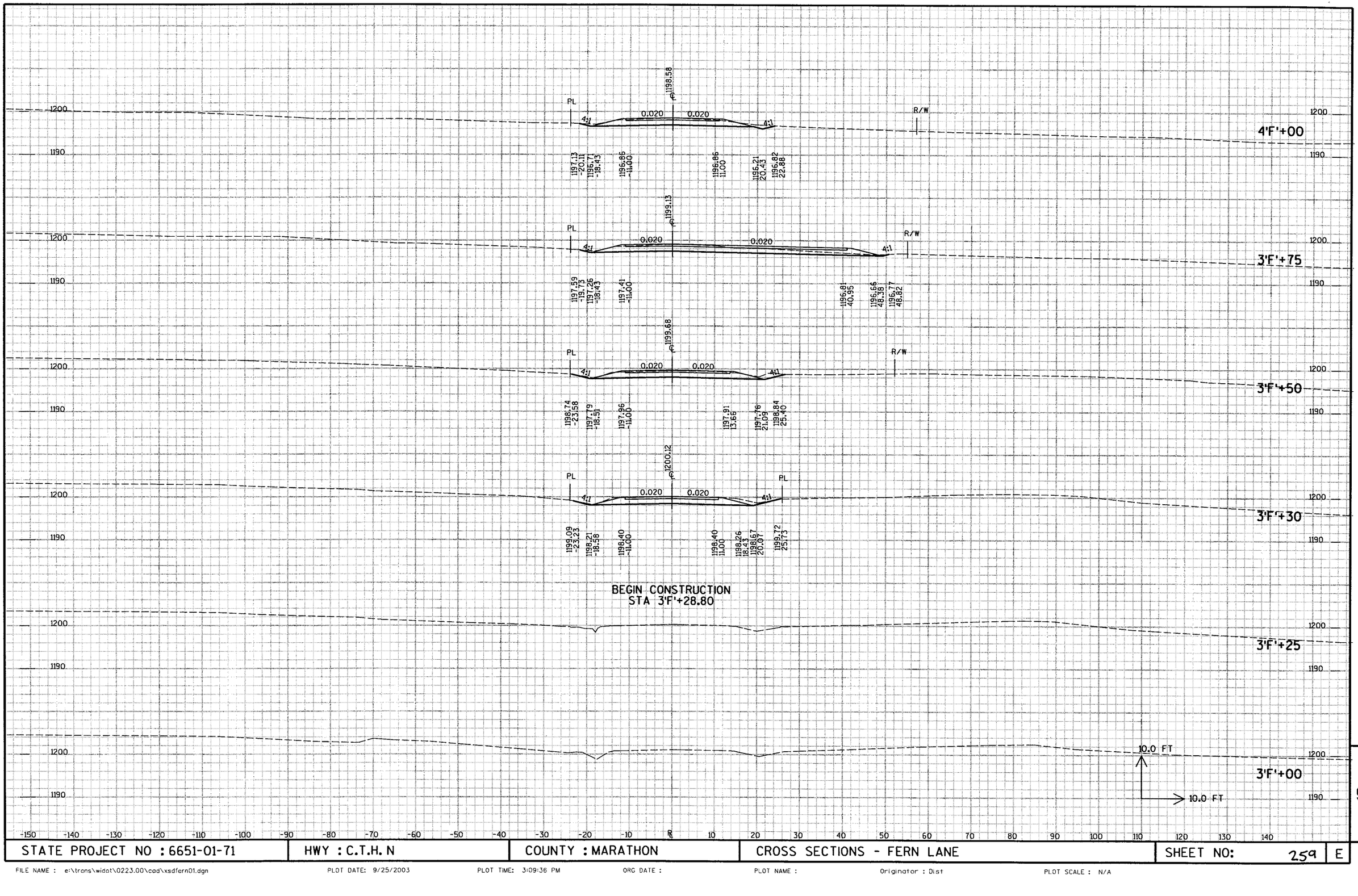
1180

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 ℄ 10 20 30 40 50 60 70 80 90 100 110 120 130 140

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - JONQUIL LANE	SHEET NO: 258	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xscjonq01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:34 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - FERN LANE	SHEET NO: 25a	E

9

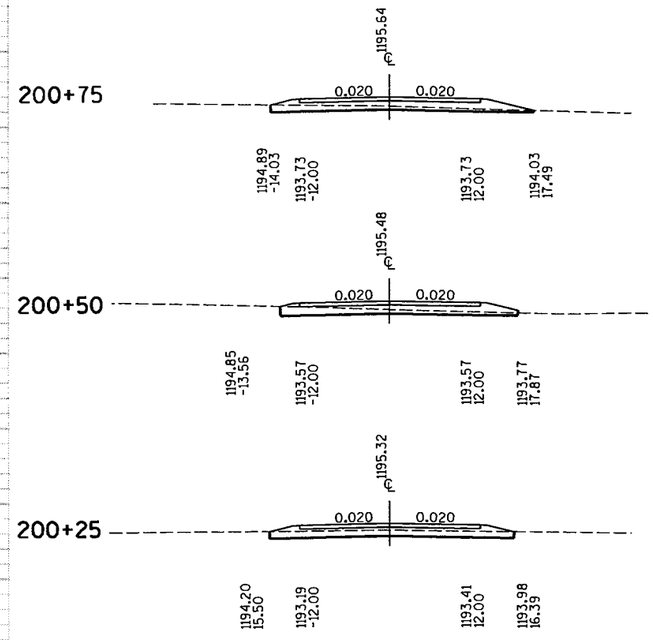
FILE NAME : e:\trans\widot\0223.00\cad\xsdfern01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:36 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

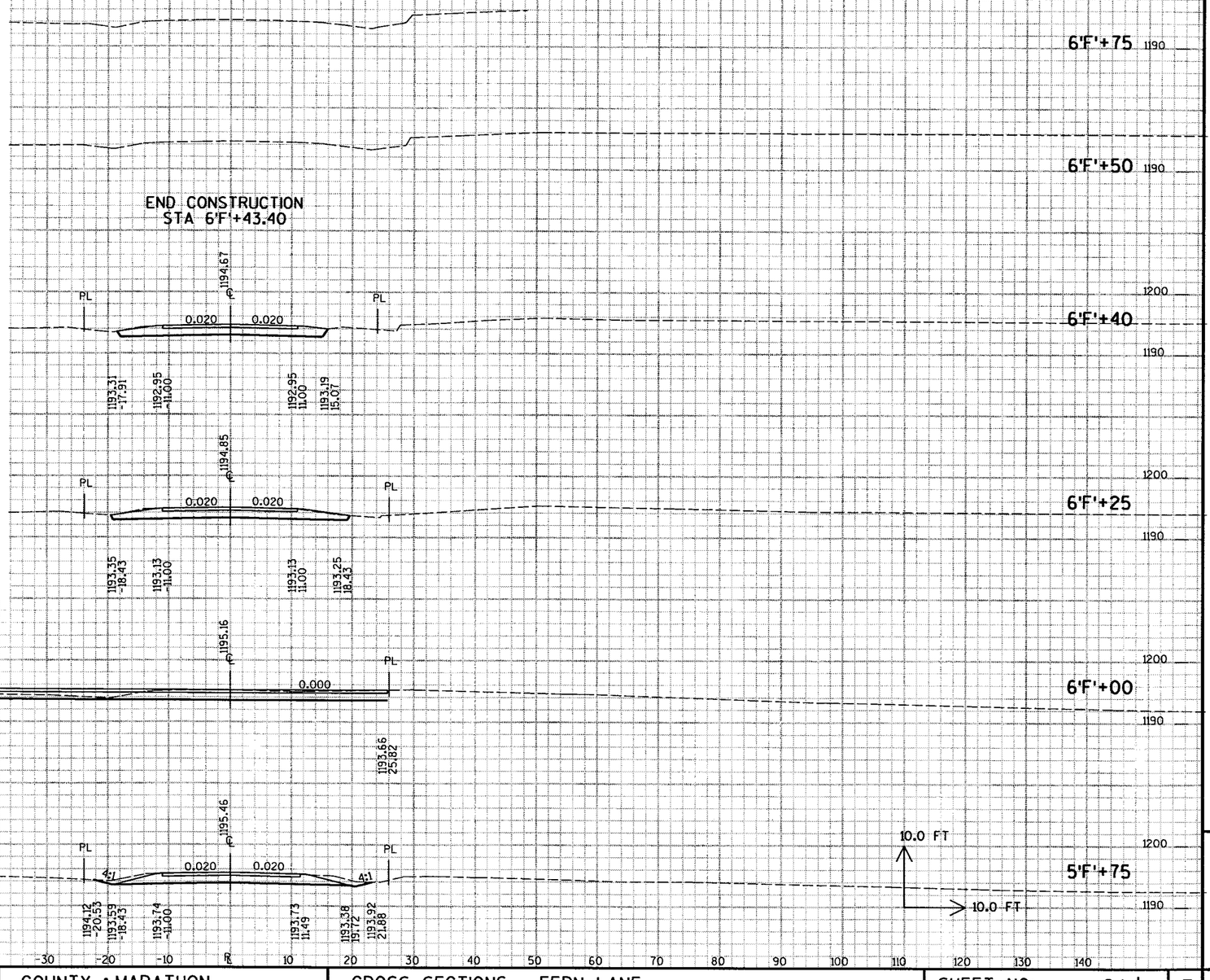
STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - FERN LANE	SHEET NO: 26Ø	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsdfern01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:38 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

Fern Lane East Culde Sac Cross Sections





STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - FERN LANE	SHEET NO: 261	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsdfern01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:43 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3

89+00

1197.51 PGL

1188.00 -132.89 | 1188.00 -91.42 | 1193.00 -79.00 | 1193.00 -69.00 | 1195.20 -49.84 | 1195.29 -45.34 | 1195.53 -33.34 | 1195.77 -21.34 | 1195.98 -7.84 | 1198.09 -4.67 | 1195.98 -1.50 | 1196.25 12.00 | 1196.49 24.00 | 1196.41 28.50 | 1195.10 40.79

0.020 | 0.020 | 4:1 | 3:1

88+50

R/W

1197.90 PGL

1188.00 -122.56 | 1188.00 -93.59 | 1193.00 -81.00 | 1193.00 -71.00 | 1196.00 -49.21 | 1196.04 -44.71 | 1196.16 -32.71 | 1196.28 -20.71 | 1196.37 -7.21 | 1198.47 -4.35 | 1196.37 -1.50 | 1196.52 12.00 | 1196.64 24.00 | 1196.51 28.50 | 1196.40 57.34

0.010 | 0.010 | 4:1 | 3:1 | 50.0 | 62.0

88+00

R/W

1198.55 PGL

1189.00 -107.20 | 1193.00 -91.00 | 1193.00 -81.00 | 1197.05 -54.93 | 1197.05 -50.43 | 1197.05 -32.08 | 1197.05 -20.08 | 1197.02 -6.58 | 1199.12 -4.04 | 1197.02 -1.50 | 1197.05 12.00 | 1197.05 24.00 | 1196.87 28.50 | 1194.76 43.47

0.000 | 0.000 | 4:1 | 3:1 | 28.0 | 41.0

87+50

R/W

1199.33 PGL

1196.85 -91.74 | 1198.54 -78.69 | 1198.33 -74.19 | 1198.07 -31.47 | 1197.95 -19.47 | 1197.80 -5.97 | 1199.89 -3.74 | 1197.83 -1.50 | 1197.71 12.00 | 1197.58 24.00 | 1197.36 28.50 | 1194.94 44.54

0.010 | 0.010 | 4:1 | 3:1 | 16.0 | 29.0

87+00

ISLAND

1200.10 PGL

1199.40 -46.89 | 1198.84 -18.89 | 1198.57 -5.39 | 1200.66 -3.44 | 1198.57 -1.50 | 1198.36 12.00 | 1197.82 33.76 | 1197.66 38.28 | 1195.43 53.84

0.020 | 0.020 | 3:1 | 8.0 | 29.0

NOTE:
WIDENING FOR TEMPORARY ASPHALTIC SURFACE.
(SEE DETAIL)

BEGIN CONSTRUCTION
STA 86+39.79

86+50

10.0 FT | 10.0 FT

1200 | 1190

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 PGL 10 20 30 40 50 60 70 80 90 100 110 120 130 140

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 262	E

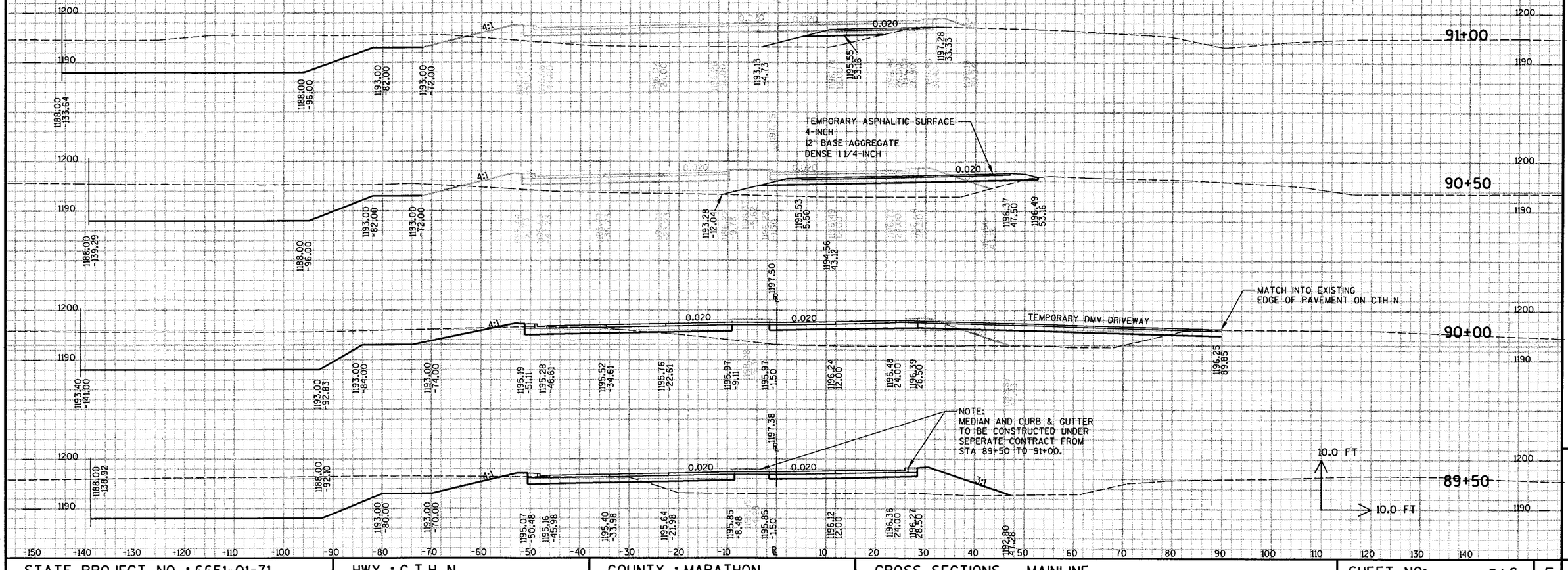
9

FILE NAME : e:\trans\widot\0223.00\cad\xsribmt01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:51 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3

END CONSTRUCTION
STA 91+00.00



STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - MAINLINE	SHEET NO: 263	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsribmt01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:56 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - PARK ROAD	SHEET NO: 264	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsepark01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:09:58 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

LEGEND

- TEMP. WIDENING/TEMP. BYPASS, STAGE 1
- FINISHED SUBGRADE STAGE 1
- FINISHED SUBGRADE STAGE 2
- FINISHED SUBGRADE STAGE 3

86'P'+50

86'P'+00

END CONSTRUCTION
STA 86'P'+52.22

85'P'+50

NOTE:
MEDIAN CONSTRUCTED
IN STAGE 3

85'P'+00

10.0 FT

10.0 FT

R/W

4:1

0.020

1203.71 -21.07
1204.01 ℄
1203.47 27.13
1203.80 -39.80
1202.24 -33.58
1202.12 -25.57
1202.21 -21.07
1202.47 -4.50
1202.47 -1.50
1201.97 27.13
1201.87 31.63
1199.67 46.63
1201.45 53.78
1206.01 -21.00
1206.31 ℄
1205.77 27.00
1206.54 -41.50
1204.54 -33.50
1204.42 -25.50
1204.51 -21.00
1204.77 -4.50
1204.77 -1.50
1204.27 21.00
1204.17 31.50
1201.30 48.50
1203.43 57.01

1200 1190 1210

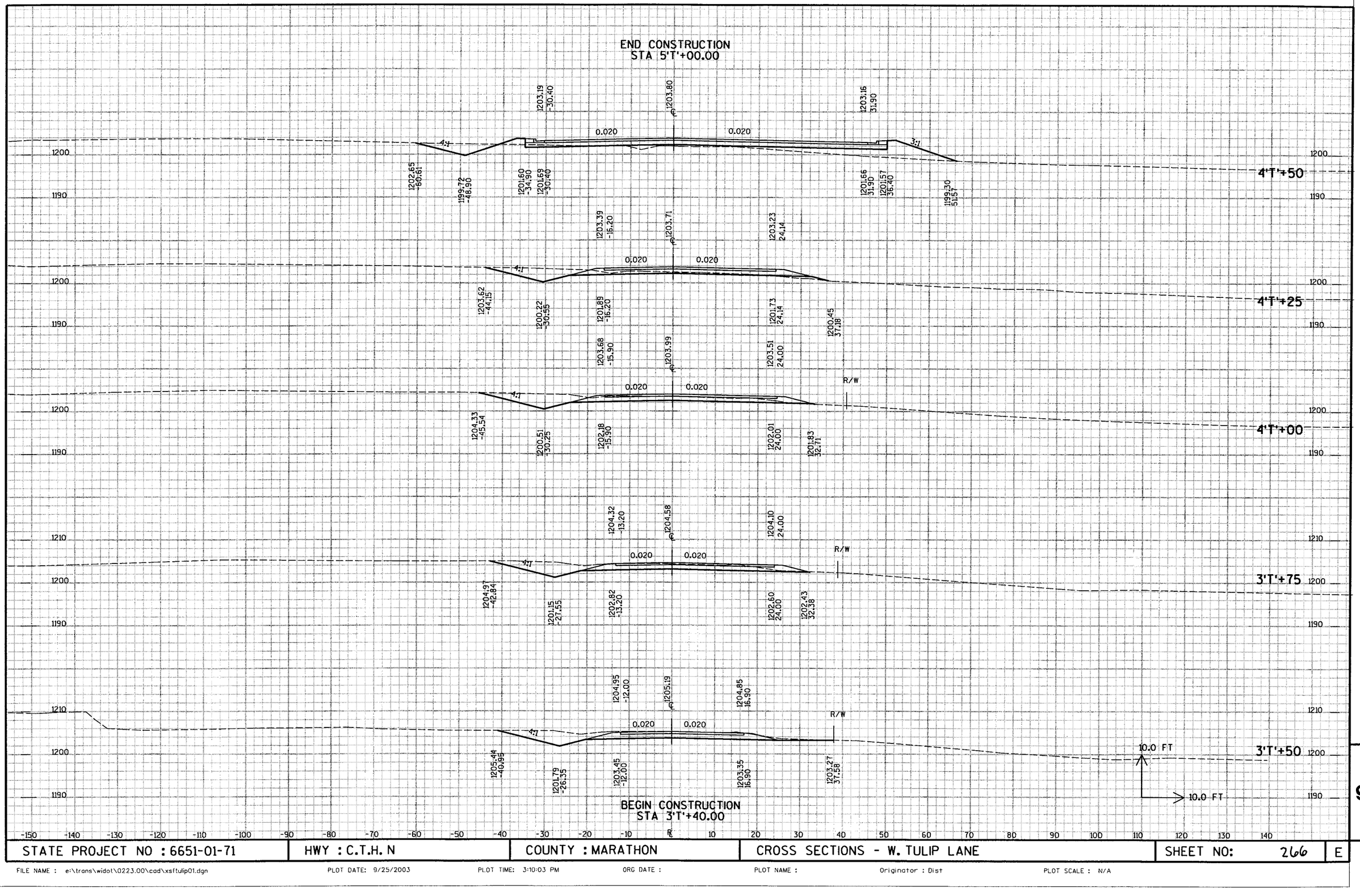
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 ℄ 10 20 30 40 50 60 70 80 90 100 110 120 130 140

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - PARK ROAD	SHEET NO: 265	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsepark01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:10:00 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

END CONSTRUCTION
STA 5'T'+00.00

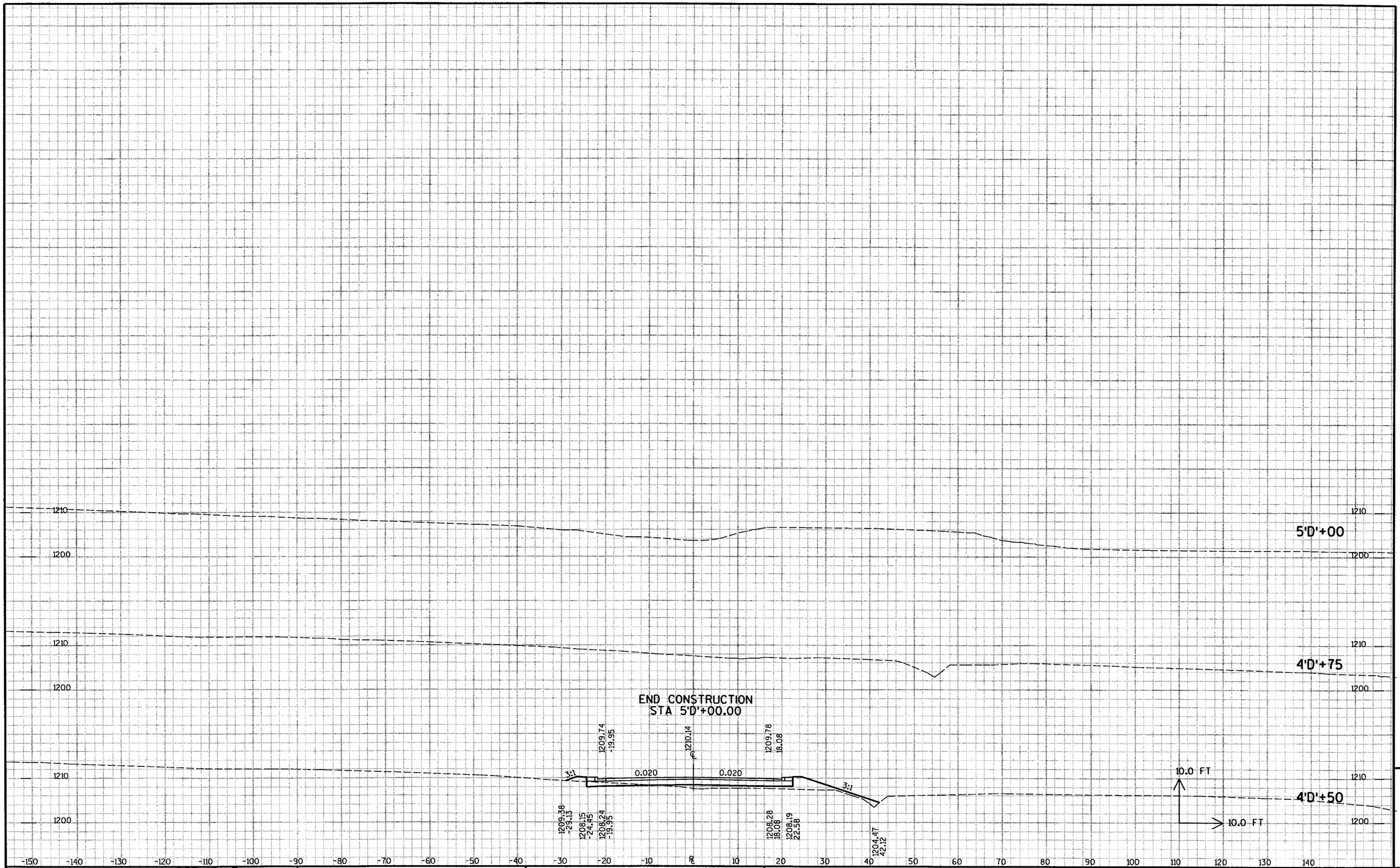


BEGIN CONSTRUCTION
STA 3'T'+40.00

STATE PROJECT NO : 6651-01-71	HWY : C.T.H. N	COUNTY : MARATHON	CROSS SECTIONS - W. TULIP LANE	SHEET NO: 266	E

9

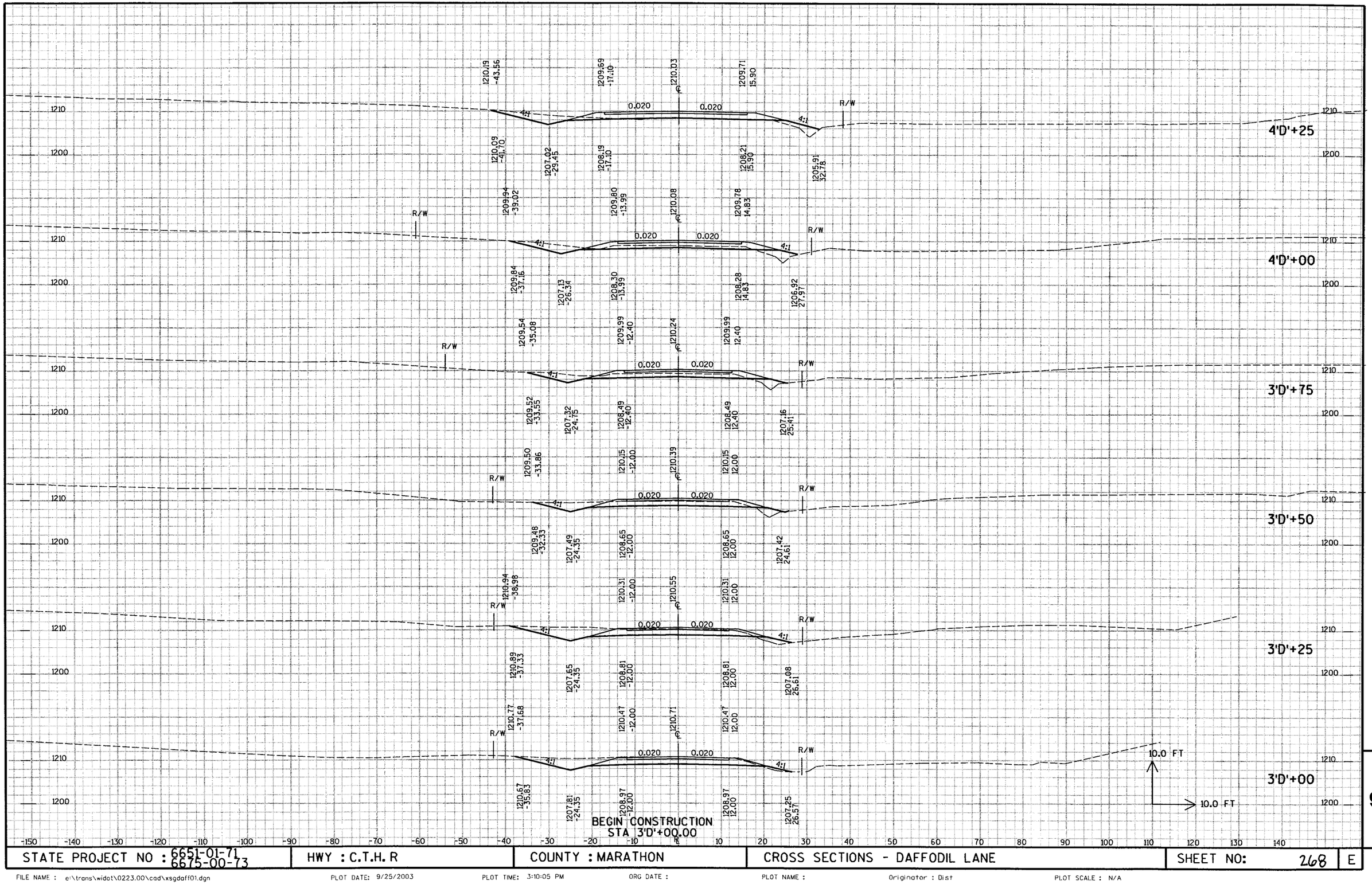
FILE NAME : e:\trans\widot\0223.00\cad\xsftulip01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:10:03 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6651-01-71 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - DAFFODIL LANE	SHEET NO: 267	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsgdaff01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:10:08 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6651-01-71 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - DAFFODIL LANE	SHEET NO: 268	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsgdaff01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:10:05 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A

END CONSTRUCTION
STA 5'C'+00.00

4'C'+75

4'C'+50

4'C'+25

4'C'+00

3'C'+75

3'C'+50

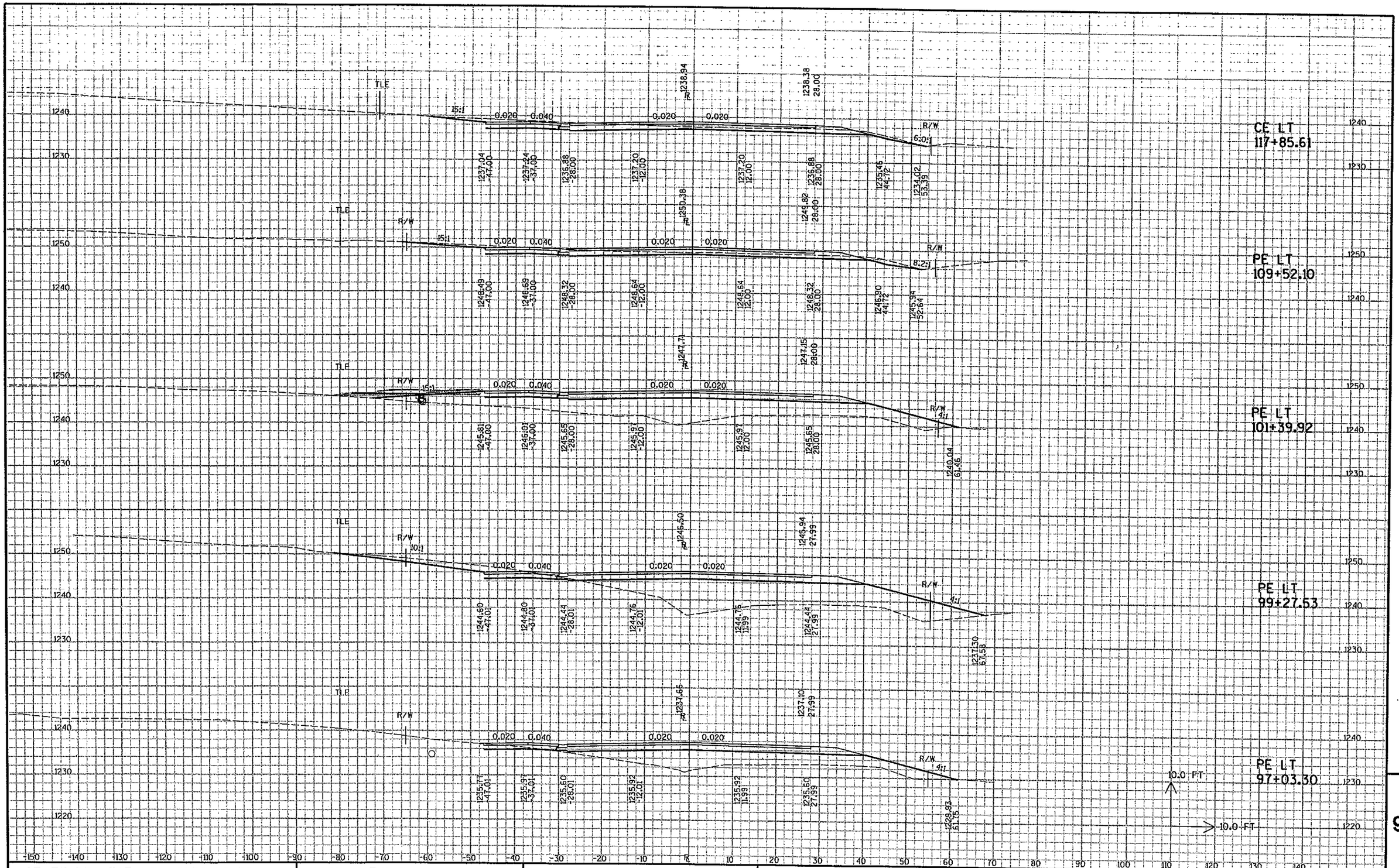
BEGIN CONSTRUCTION
STA 3'C'+50.00

10.0 FT

10.0 FT

STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - CLOVERLAND LANE	SHEET NO: 269	E

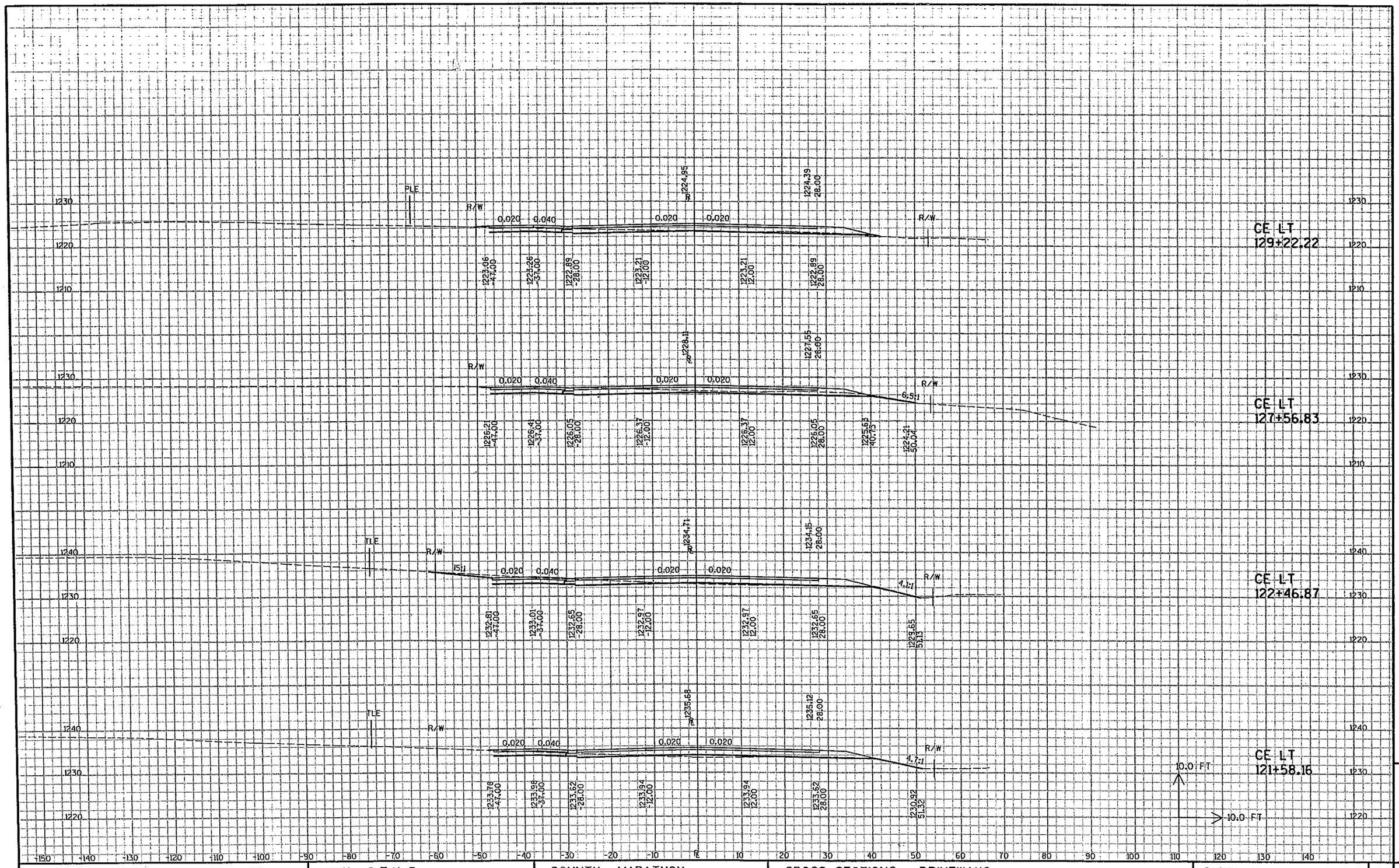
FILE NAME : e:\trans\widot\0223.00\cad\xshclov01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:10:10 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - DRIVEWAYS	SHEET NO: 270	E

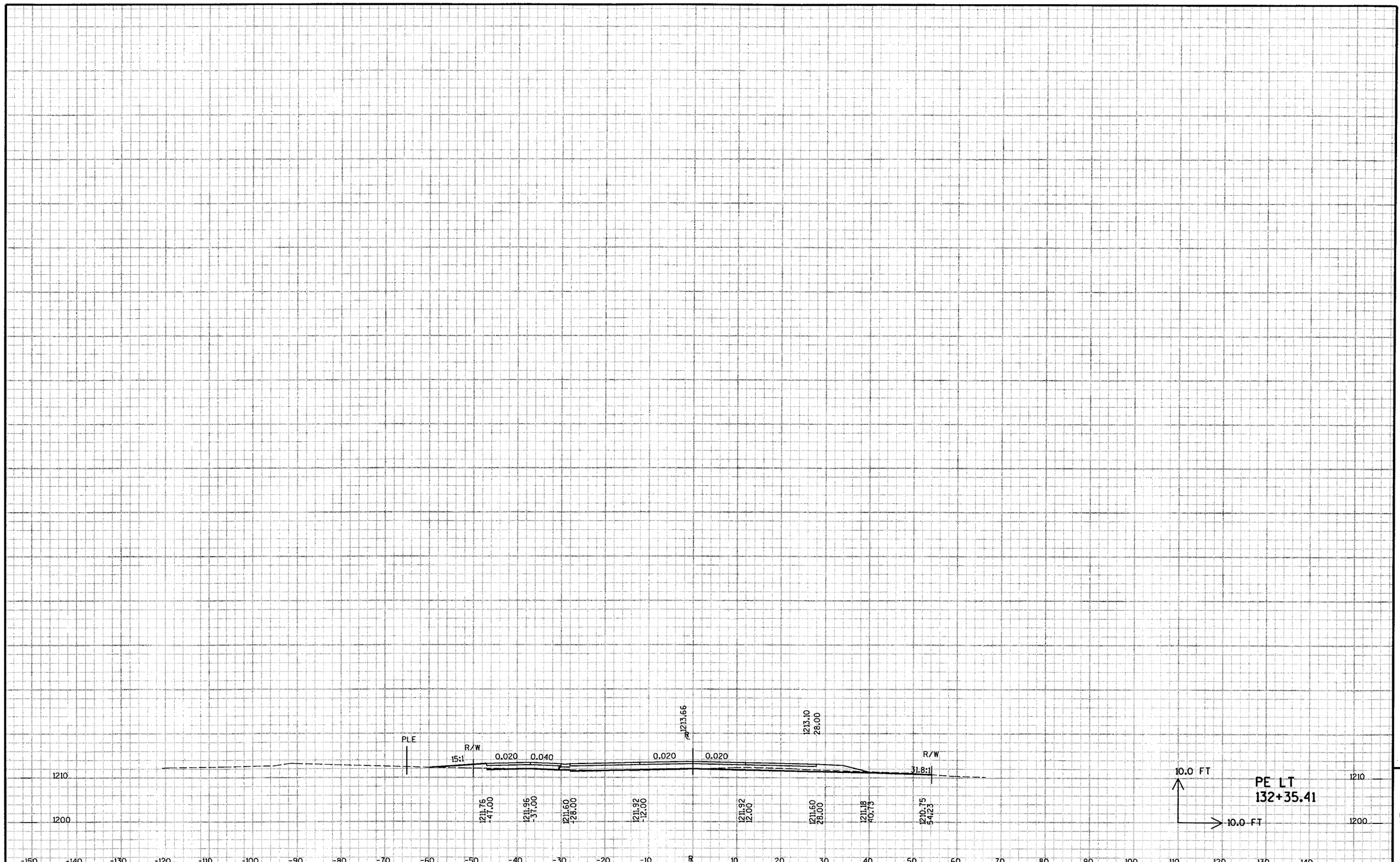
9

FILE NAME : e:\trans\widot\0223.00\cad\xsjdriv01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:10:13 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - DRIVEWAYS	SHEET NO: 271	E

FILE NAME : e:\trans\widot\0223.00\cad\xsjdriv01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:10:14 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 6675-00-73	HWY : C.T.H. R	COUNTY : MARATHON	CROSS SECTIONS - DRIVEWAYS	SHEET NO: 272	E

9

FILE NAME : e:\trans\widot\0223.00\cad\xsjdriv01.dgn PLOT DATE: 9/25/2003 PLOT TIME: 3:10:17 PM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A