PLOT SCALE: MARATHON

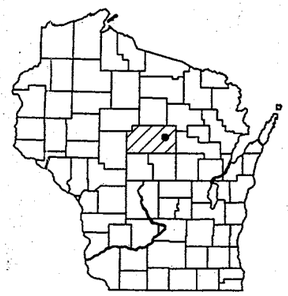
PLOT NAME:

REV. DATE: (9440-02-00) 9440-02-00

INDEX OF SHEETS

Sheet No.	1		Title
Sheet No.	2	- 2.	Typical Sections and Details
Sheet No.	-		Estimate of Quantities
Sheet No.	3A	- 3.	Miscellaneous Quantities
Sheet No.	4	- 4.	Right of Way Plat
Sheet No.	5	- 5.	Plan and Profile
Sheet No.	6	- 6.	Standard Detail Drawings
Sheet No.	7	- 7.	Sign Plates
Sheet No.	-		Structure Plans
Sheet No.	9	- 9.	Computer Earthwork Data
Sheet No.	9	- 9.	Cross Sections

TOTAL SHEETS =



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

CTH Z

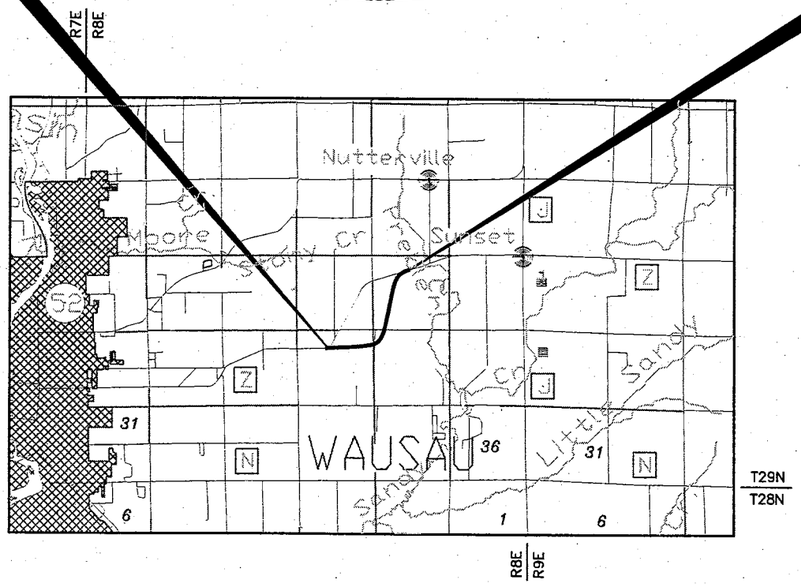
(SPUR LANE - N. 52ND ST.)
TOWN OF WAUSAU
MARATHON COUNTY

STATE PROJECT NUMBER
9440-02-00

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9440-02-00		

BEGIN PROJECT 9440-02-00
STA. 48+50
Y = 203517.0572
X = 294603.1863

END PROJECT 9440-02-00
STA. 112+00
Y = 206146.6562
X = 299187.5004



DESIGN DESIGNATION PROJECT (9440-02-70)

A.D.T.(2000)	= 1800
A.D.T.(2020)	= 2300
D.H.V.(2020)	= 230
D.	= 0.62
T.	= 2.1%
DESIGN SPEED	= 50MPH
ESALS	= 65,700

CONVENTIONAL SIGNS

COUNTY LINE		COMBUSTIBLE FLUIDS	CAUTION
CORPORATE LIMITS		UNDERGROUND UTILITIES	
PROPERTY LINE	PL	GAS	G
SECTION LINE		ELECTRIC	E
LIMITED EASEMENT	TLE	TELEPHONE OR TELEGRAPH	T
EXISTING RIGHT OF WAY		CABLE TELEVISION	TV
PROPOSED OR NEW R/W LINE		SERVICE PEDESTAL	
SURVEY LINE		POWER POLE	
SLOPE INTERCEPT		TELEPHONE POLE	
ORIGINAL GROUND		RAILROAD	
MARSH OR ROCK PROFILE		MARSH AREA	
EXISTING CULVERT		WOODED OR SHRUB AREA	
PROPOSED CULVERT (Box or Pipe)			
CULVERT (Profile View)			

LAYOUT
SCALE 0 1/2 MILE

TOTAL NET LENGTH OF CENTERLINE = 1.20 Mi.

ALL COORDINATES SHOWN ON
THIS PLAN ARE BASED ON THE
MARATHON COUNTY COORDINATE SYSTEM

ACCEPTED FOR
MARATHON COUNTY
HIGHWAY DEPARTMENT
DATE: 10/04/00 Glenn Smith
(HIGHWAY COMMISSIONER)

ORIGINAL PLANS FOR PROJECT
9440-02-70 PREPARED BY:

BECHER-HOPPE ASSOCIATES INC.
ENGINEERS ARCHITECTS SCIENTISTS
330 FOURTH ST. P.O. BOX 8000 WAUSAU, WI. 54402-8000
Telephone: (715) 845-8000 Fax: (715) 845-8008

WISCONSIN
JAMES W. SCHULZ
E-12525
WAUSAU, WIS.
PROFESSIONAL ENGINEER

DATE: 10/3/00 James Schulz
(Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	DON FRISQUE
Designer	KEVIN LANG
District Examiner	GARY METZER
District Supervisor	MICHAEL O'MEARA
Proj. Dev. Engineer	
C.O. Examiner	

APPROVED FOR DISTRICT OFFICE
DATE: 5 oct 2000 Gary M Metzer
(Signature)

AUTHORIZED FOR CENTRAL OFFICE DESIGN
DATE: _____ (Signature)

7.19\dwg\PLANS\B017TTL 10-03-2000 2:32:23 pm CST

GENERAL NOTES

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

THE LOCATIONS 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.

BEARINGS SHOWN ON THE PLAN ARE TRUE BEARINGS TO THE NEAREST SECOND.

COORDINATES AND BEARINGS ON THIS PLAN ARE ORIENTED TO THE MARATHON COUNTY COORDINATE SYSTEM. ELEVATIONS ARE REFERENCED TO THE USGS DATUM.

ELEVATIONS SHOWN FOR CURB & GUTTER ARE FLANGE ELEVATIONS.

DISTANCES SHOWN FOR CURB & GUTTER RADII ARE MEASURED ALONG THE FLANGE OF THE CURB AND GUTTER OR EDGE OF PAVEMENT

DISTANCES SHOWN FOR CURB ARE MEASURED ALONG THE FACE OF THE CURB

DISTANCES SHOWN FOR CURB & GUTTER ARE MEASURED ALONG THE FLANGE OF THE CURB & GUTTER

CURB AND GUTTER JOINT SPACING SHALL NOT BE LESS THAN 6.0 FEET OR MORE THAN 20.0 FEET, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER IN THE FIELD. SEE JOINT LAYOUT DETAIL FOR RECOMMENDED SPACING.

THE EXACT LOCATION OF PRIVATE ENTRANCES IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE EXISTING DRIVEWAYS SHALL BE RESTORED IN KIND (EXCEPT AS NOTED) OR DIRECTED BY THE ENGINEER IN THE FIELD.

PURSUANT TO CHAPTER 59 OF THE WISCONSIN STATUES, THE CONTRACTOR SHALL CAREFULLY MAKE A SEARCH FOR EVIDENCE OF A LANDMARK IN ALL AREAS WHERE SUCH A LANDMARK MAY EXIST.

PAVING LIMITS AT INTERSECTIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER AND SHALL HAVE BUTT JOINTS

DISTURBED NON-PAVED AREAS WITHIN THE RIGHT-OF-WAY ARE TO BE FERTILIZED, MULCHED, AND SEEDED AS DIRECTED BY THE ENGINEER OR AS SHOWN ON THE PLANS.

EROSION CONTROL LOCATIONS ARE SHOWN ON PLAN & PROFILE SHEETS.

LAYOUT POINTS ON INTERSECTION AND JOINT DETAILS DRAWINGS ARE LOCATED AT THE FLANGELINE, INTERSECTION OF JOINT LINES, OR CENTER OF RADIUS.

CULVERTS NOT FOUND IN THE "REMOVING OLD CULVERTS" SCHEDULE IN THE MISCELLANEOUS QUANTITY SHEETS WHICH REQUIRE REMOVAL SHALL BE INCIDENTAL TO UNCLASSIFIED EXCAVATION, UNLESS OTHERWISE DIRECTED BY ENGINEER.

WHERE TOPSOIL IS NOTED THROUGHOUT PLAN, IT SHALL BE MEASURED AND PAID FOR AS SALVAGED TOPSOIL.

PAVEMENT CORE INDICATED EXISTING PAVEMENT STRUCTURE CONSISTS OF APPROXIMATELY FOUR INCHES OF ASPHALT PAVEMENT ON SEVEN INCHES OF BASE COURSE.

EXPANSION JOINTS TO BE CONSTRUCTED AT ALL RADIUS-TANGENT POINTS IN CURB AND GUTTER.

SILT FENCE SHALL BE PLACED AT ALL LOCATIONS WHERE EROSION POTENTIAL EXISTS. THE EXACT LOCATION OF THE SILT FENCE WILL BE SHOWN ON THE PLANS AND/OR DETERMINED BY THE ENGINEER IN THE FIELD.

EROSION MAT WILL BE PLACED ON ALL SLOPES OR AS DETERMINED IN THE FIELD BY THE ENGINEER

RUNOFF COEFFICIENT TABLE

	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 = 176 Acres (0.275 sq. mi.)

TOTAL AREA TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 20.8 Acres (0.033 sq. mi.)

UTILITIES

ANR PIPELINE CO.
2375 NORTH 2nd DRIVE
STEVENS POINT, WI 54481
ATTN: MR. STEVE DODDS
TEL: (715) 344-2772

CHARTER COMMUNICATIONS
853 McINTOSH
PO BOX 1818
WAUSAU, WI 54402-1818
ATTN: MR. TOM BAUMAN
TEL: (715) 845-1818

VERIZON NORTH INC.
521 FOURTH STREET
WAUSAU, WI 54403-4869
ATTN: MR. DENNIS BATES
TEL: (715) 847-1511

WISCONSIN PUBLIC SERVICE CORP.
P.O. BOX 1166
WAUSAU, WI 54402-1166
ATTN: MR. WAYNE KROEPLIN
TEL: (715) 848-7314

WISCONSIN FUEL & LIGHT CO.
211 FOREST STREET
P.O. BOX 1627
WAUSAU, WI 54402-1627
ATTN: MR. DICK R. WHITE
TEL: (715) 847-6226

WISCONSIN DEPT. OF NATURAL RESOURCES
P.O. BOX 4001
EAU CLAIRE, WI 54702
ATTN: MS. JEAN RYGIEL
TEL: (715) 839-1607

WISCONSIN DEPT. OF NATURAL RESOURCES
WEST CENTRAL REGION
1300 W. CLAIREMONT AVENUE
EAU CLAIRE, WI 54702
ATTN: MR. TOM LOVEJOY
TEL: (715) 839-3747

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

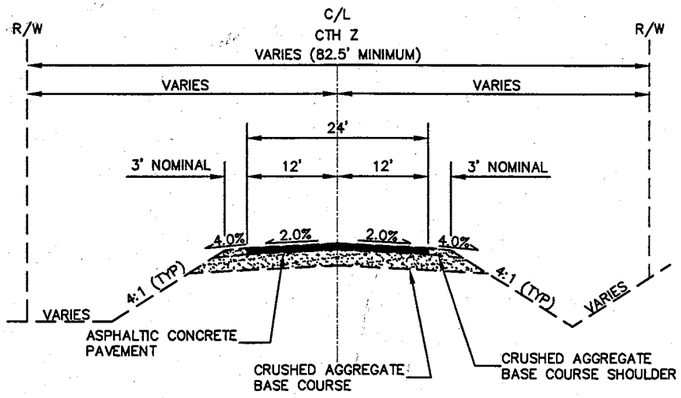
WISCONSIN STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

LIST OF STANDARD ABBREVIATIONS

ABUT	Abutment	OBLIT	Obliterate
AC	Acre	OD	Outside Diameter
AEW	Apron Endwall	PAVT	Pavement
AGG	Aggregate	PLE	Permanent Limited Easement
AH	Ahead	PU	Pipe Underdrain
ASPH	Asphaltic	PT	Point
ACP	Asphaltic Concrete Pavement	PC	Point of Curvature
APM	Asphaltic Plant Mix	PI	Point of Intersection
AVG	Average	PRC	Point of Reverse Curvature
BK	Back	PT	Point of Tangency
BM	Bench Mark	POC	Point on Curve
BR	Bridge	POT	Point on Tangent
CB	Catch Basin	PVC	Polyvinyl Chloride
CL or C/L	Center Line	PCC	Portland Cement Concrete
CC	Center to Center	LB	Pound
COM	Communications	PSI	Pounds Per Square Inch
CONC	Concrete	PE	Private Entrance
CORR	Corrugated	PROJ	Project
CACP	Corrugated Aluminum Culvert Pipe	R	Radius
CSCP	Corrugated Steel Culvert Pipe	RP	Radius Point
CO	County	RECY	Recycled
CR	Crushed	RL or R/L	Reference Line
CTH	County Trunk Highway	RP	Reference Point
CY	Cubic Yard	RCCP	Reinforced Concrete Culvert Pipe
CULV	Culvert	RCHECP	Reinf. Concrete Horiz. Elliptical Culvert Pipe
CP	Culvert Pipe	RCHEPSS	Reinf. Concrete Horiz. Elliptical Pipe, Stm Swr
C & G	Curb and Gutter	RCPSS	Reinforced Concrete Pipe Storm Sewer
(D)	Deed	REBAR	Reinforcement Bar
D	Degree of Curve	REINF	Reinforcing or Reinforcement
DIA	Diameter	REL	Relocate (d)
DISCH	Discharge	REQD	Required
DRV	Driveway	RET WALL	Retaining Wall
E	East	RT	Right
X	East Grid Coordinate	R/W or ROW	Right-of-Way
EB	Eastbound	R	River
ELEC	Electric (al)	RD	Road
EL or ELEV	Elevation	RDWY	Roadway
EMB	Embankment	SALV	Salvaged
EW	Endwall	SAN	Sanitary Sewer
ENT	Entrance	SEC	Section
EXC	Excavation	SHLDR	Shoulder
EBS	Excavation Below Subgrade	SHES	Special High Early Strength
EXIST	Existing	SW	Sidewalk
EXP	Expansion	S	South
FF	Face to Face	SB	Southbound
FE	Field Entrance	SPECS	Specifications
F	Fill	SQ	Square
FG	Finished Grade	SF	Square Feet
FL or F/L	Flow Line	SY	Squore Yard
FO	Fiber Optic	STD	Standard
FT	Foot	STH	Stote Trunk Highway
G	Gas	SDD	Standard Detail Drawings
GN	Grid North	STA	Station
HT	Height	SSD	Stopping Sight Distance
HES	High Early Strength	SS	Storm Sewer
HYD	Hydrant	SE	Superelevation
I	Interstate Highway	SL or S/L	Survey Line
INL	Inlet	STM	Storm Sewer
ID	Inside Diameter	T	Tangent
INT	Intersection	TEL	Telephone
IE	Invert Elevation	TEMP	Temporary
IP	Iron Pipe or Pin	TLE	Temporary Limited Easement
JT	Joint	TPM	Temporary Pavement Marking
JCT	Junction	TPMRT	Temporory Pavement Marking, Removable Tape
L	Length of Curve	TI	Temporary Interest
LF	Linear Foot	t	Ton
LC	Long Chord of Curve	TC	Top of Curb
LS	Lump Sum	TL or T/L	Transit Line
MAINT	Maintenance	TYP	Typical
MH	Manhole	UNCL	Unclassified
MP	Marker Post	USH	United States Highway
ML or M/L	Match Line	VERT	Vertical
NOM	Nominal	VC	Vertical Curve
NC	Normal Crown	VOL	Volume
NW or N/W	Normal Water	WTM	Water Main
N	North	WS	Water Service
OGBC	Open Graded Base Course	WV	Water Valve
Y	North Grid Coordinate	W	West
NB	Northbound	WB	Westbound
NO	Number	YD	Yard

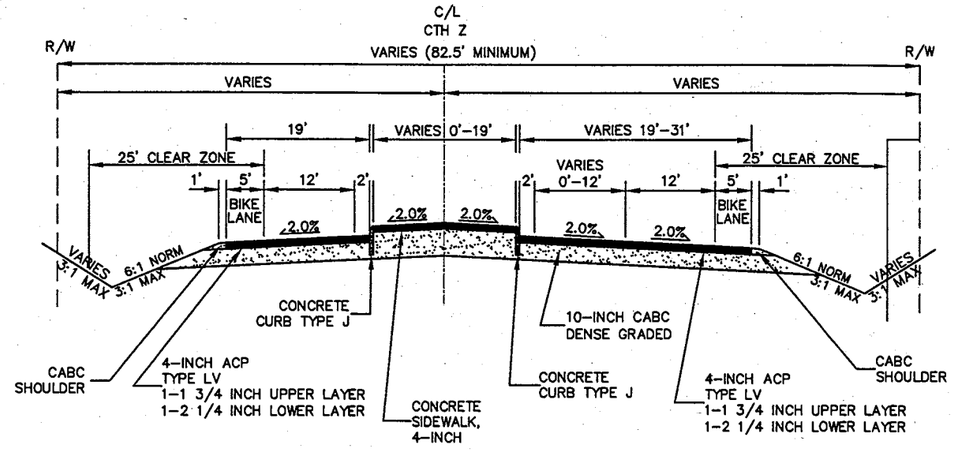
PLOT NAME: 8017GNOT.PLT PLOT SCALE: PLOTSCALE
REV. DATE: REVISIONDATE
ORIGINATOR

STATE PROJECT NUMBER	SHEET NO
9440-02-00	2.
TYPICAL SECTIONS	
CTH Z	MARATHON CO.



EXISTING TYPICAL SECTION - CTH Z

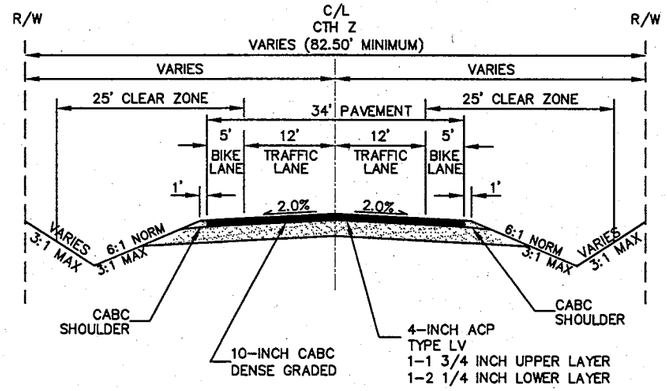
(STA 481+50 - 112+00)



* NOTE – CENTERLINE LOCATION VARIES – REFER TO PLAN

PROPOSED TYPICAL SECTION - CTH Z

(STA 541+82.00 - 611+50.00)

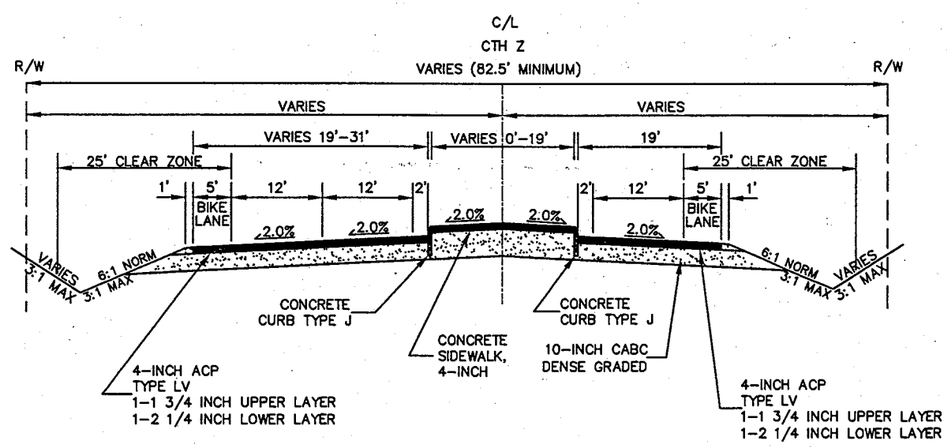


PROPOSED TYPICAL SECTION - CTH Z

DESIGN CLASS C3 WITH BIKE LANES

(STA 481+50.00 - 541+82.00)

(STA 691+16.60 - 1121+00.00)



* NOTE – CENTERLINE LOCATION VARIES – REFER TO PLAN

PROPOSED TYPICAL SECTION - CTH Z

(STA 611+50.00 - 691+16.60)

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REV. DATE:

ORIGINATOR: BHA

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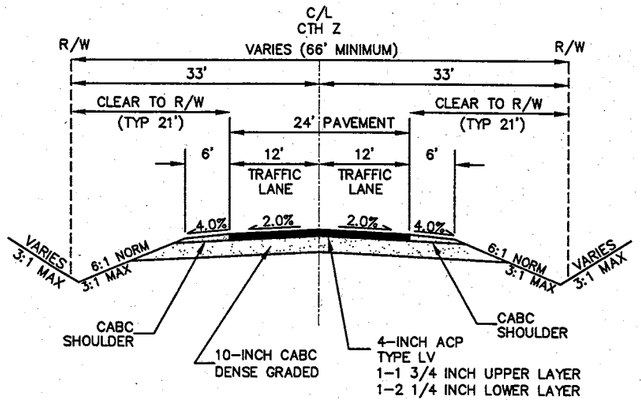
CTH Z	MARATHON CO.



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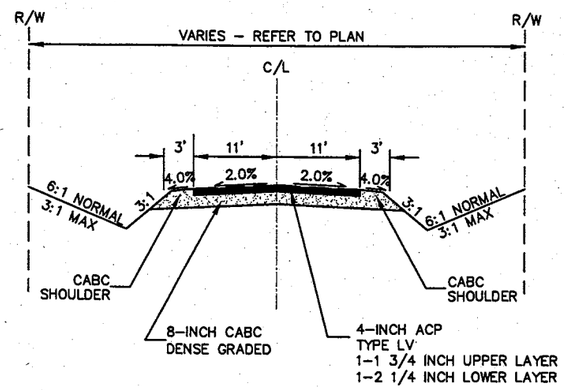
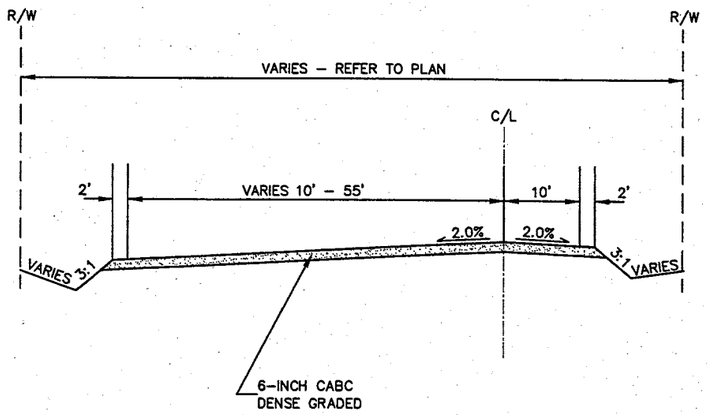
(STA 8+00.00 - 12+00.00)



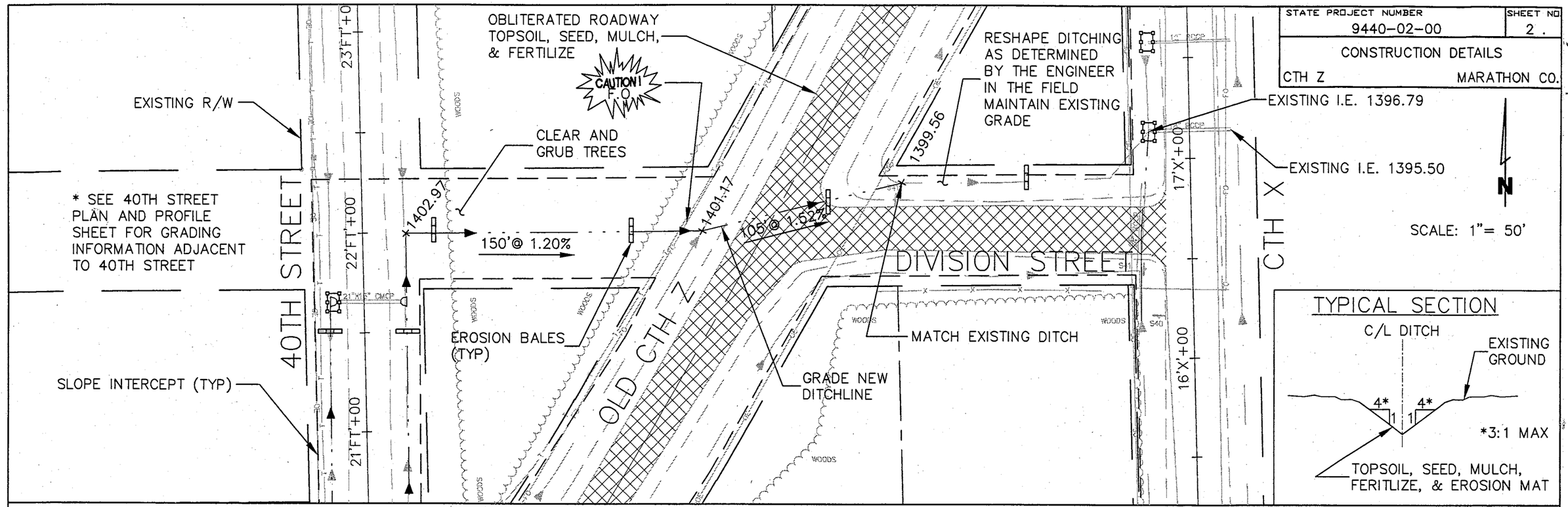
PROPOSED TYPICAL SECTION - TOWN ROADS

BUSINESS PARK DRIVE (STA. 9'BP'+22 - 10'BP'+00)
FORTIETH STREET (STA. 10'FT'+00 - STA. 19'FT'+56.46)
E. HAMILTON STREET (STA. 10'HA'+00 - 14'FN'+89.38)
BURGER LANE (STA. 26'BL'+50 - 30'BL'+00)



PROPOSED TYPICAL SECTION - 49TH STREET CUL-DE-SAC

(STA. 24'FN'+36.62 - 25'FN'31.73)



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REV. DATE:
ORIGINATOR: BHA

5

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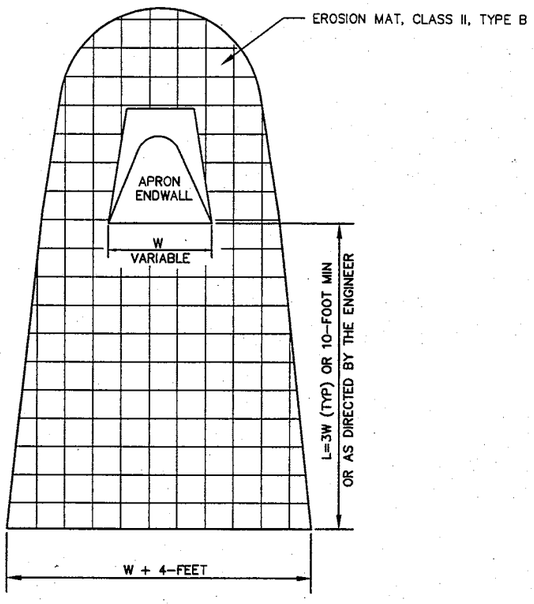
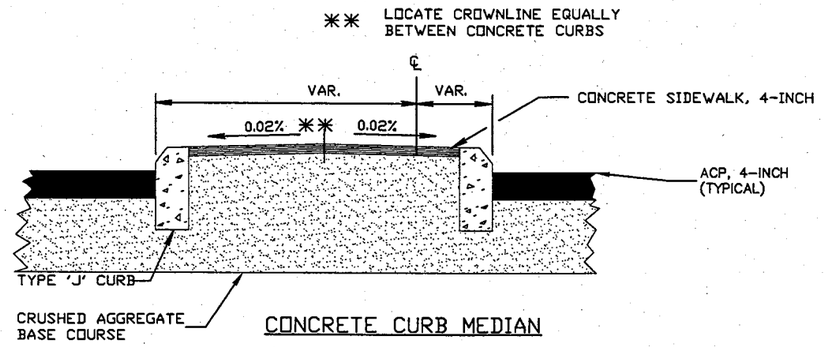
WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
CONSTRUCTION DETAILS	
CTH Z	MARATHON CO.



EROSION MAT AT CULVERT PIPE ENDWALL

(NOT TO SCALE)



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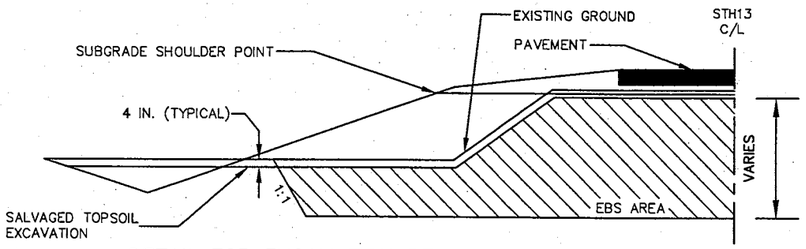

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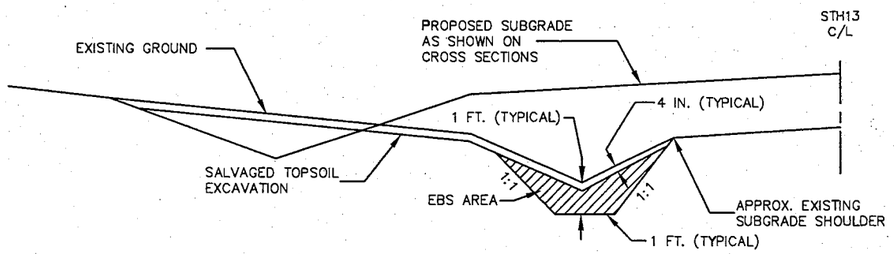

EBS DETAIL AT EXISTING DITCH

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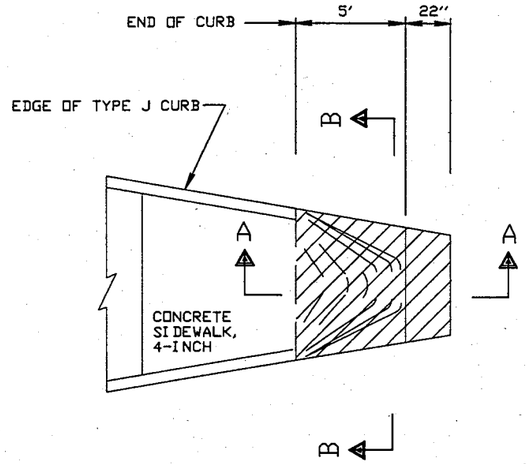
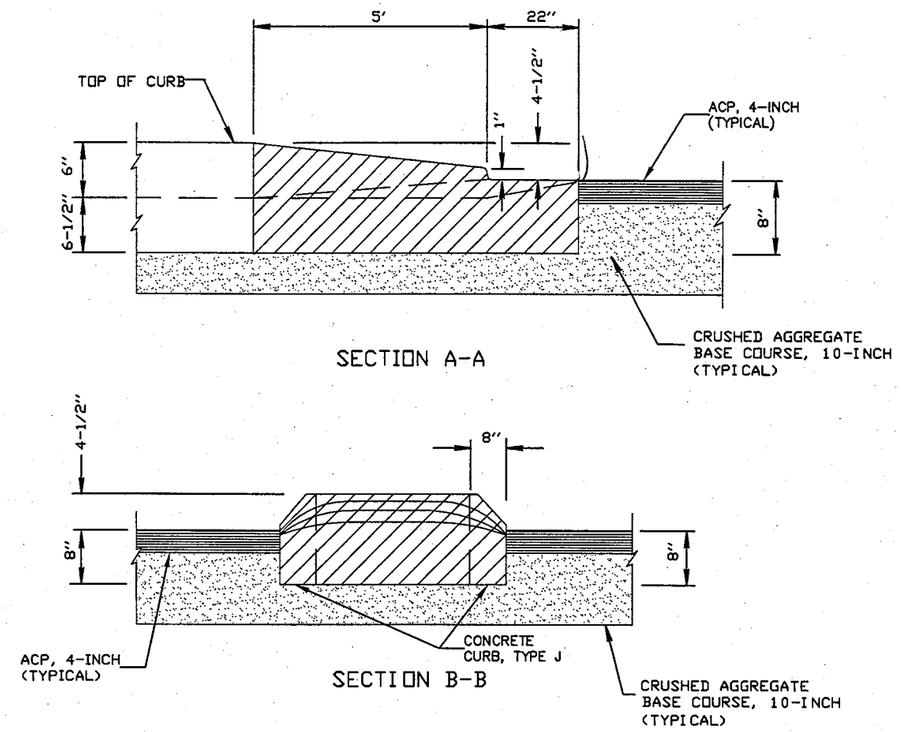
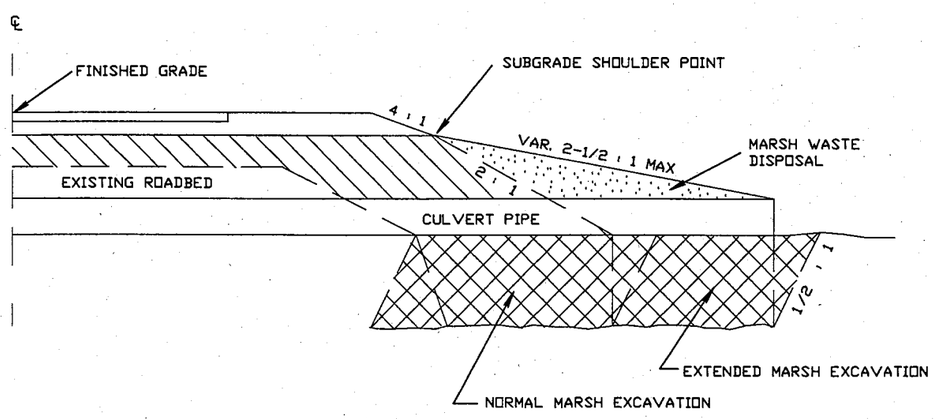
WISDOT/CADDS SHEET 42

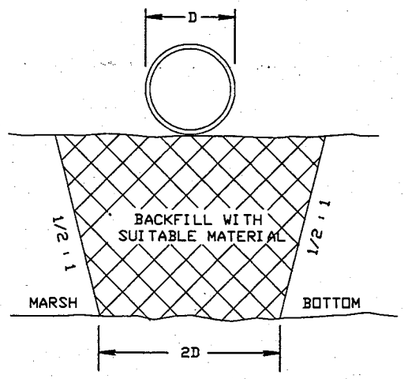
STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
CONSTRUCTION DETAILS	
CTH Z	MARATHON CO.





CONCRETE MEDIAN NOSE DETAIL





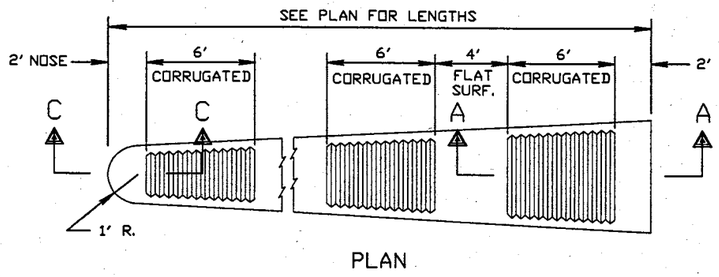
MARSH EXCAVATION AT CULVERT EXTENSIONS

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

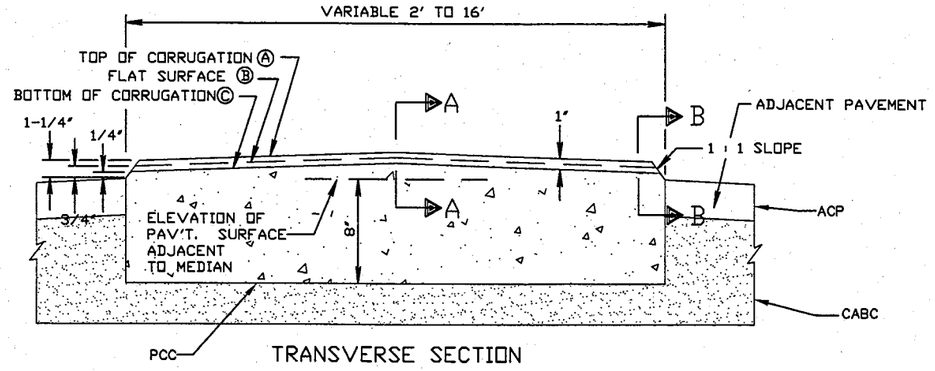
REV. DATE:

ORIGINATOR: BHA

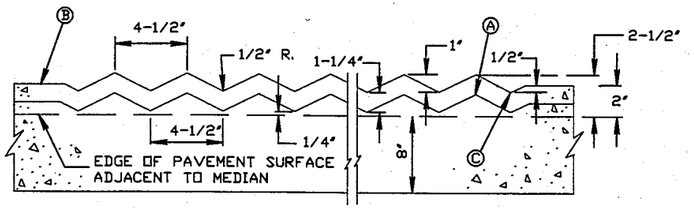
STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
CONSTRUCTION DETAILS	
CTH Z	MARATHON CO.



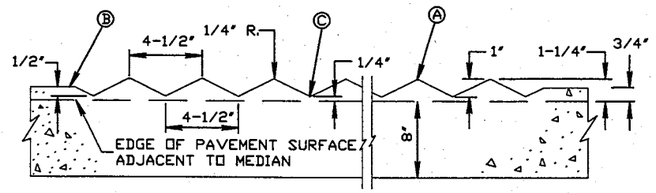
PLAN



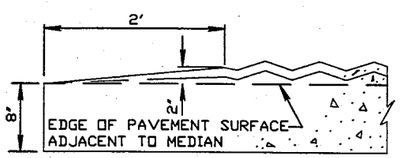
TRANSVERSE SECTION



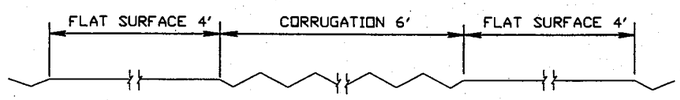
LONGITUDINAL SECTION A-A



LONGITUDINAL SECTION B-B



SECTION C-C

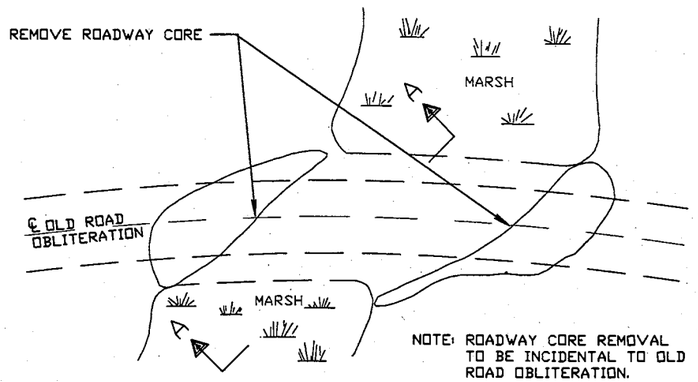


PROFILE ALONG TOP OF PROPOSED MEDIAN

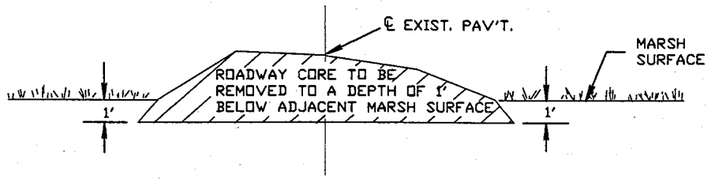
CONCRETE CORRUGATED MEDIAN

PLOT NAME: shtl.dwg PLOT SCALE: 1:1 REV. DATE: ORIGINATOR:

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
CONSTRUCTION DETAILS	
CTH Z	MARATHON CO.

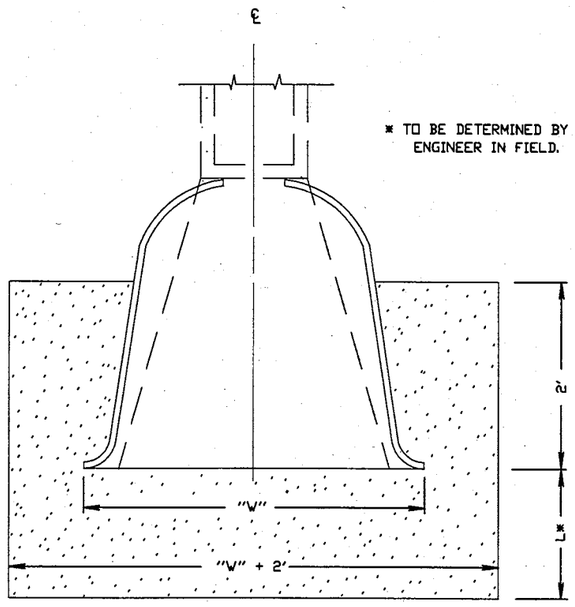


PLAN VIEW

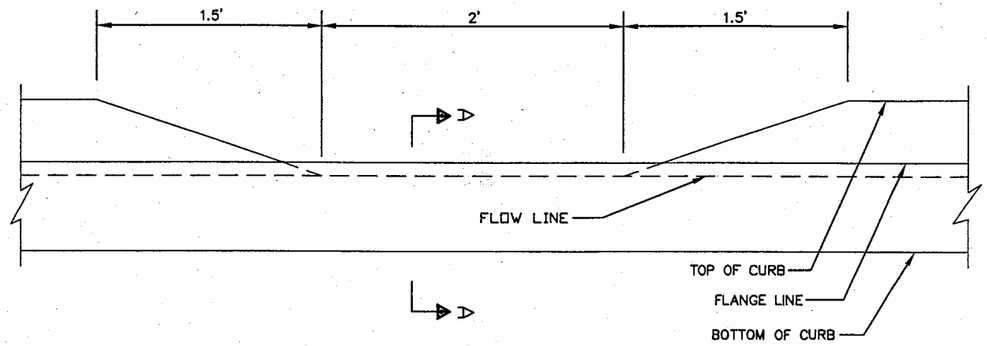


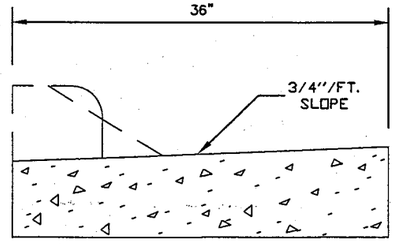
SECTION A-A

OLD ROAD OBLITERATION DETAIL



SOD OR RIPRAP AT PIPE END





SECTION A-A

DETAIL OF CURB HEAD DEPRESSION FOR DRAINAGE AT CURB & GUTTER SECTION

PLOT NAME: sht1dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

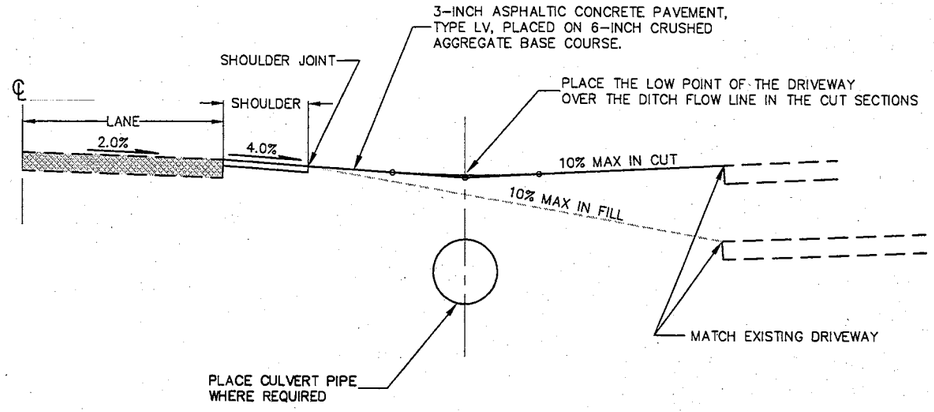
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017DTLS 08-15-2000 11:05:41 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO
9440-02-00	2.

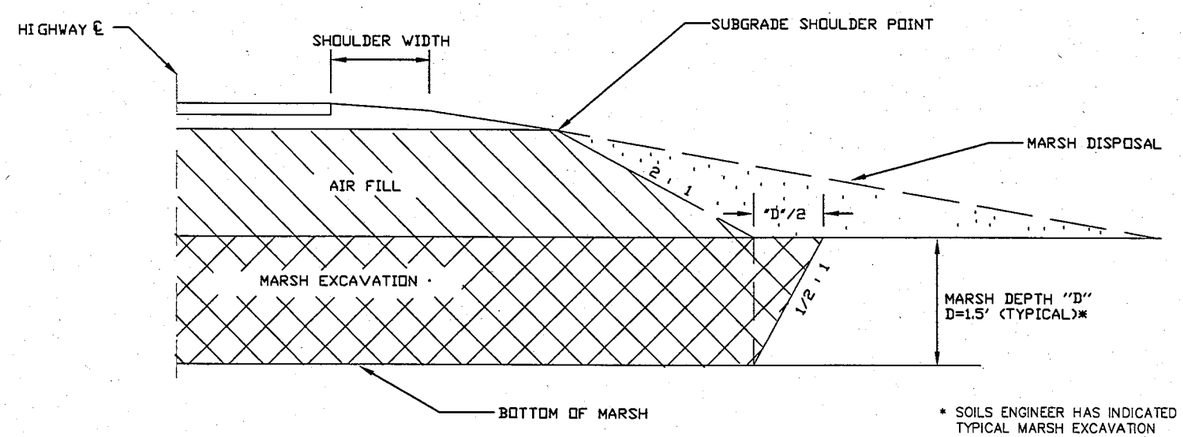
CONSTRUCTION DETAILS

CTH Z MARATHON CO.



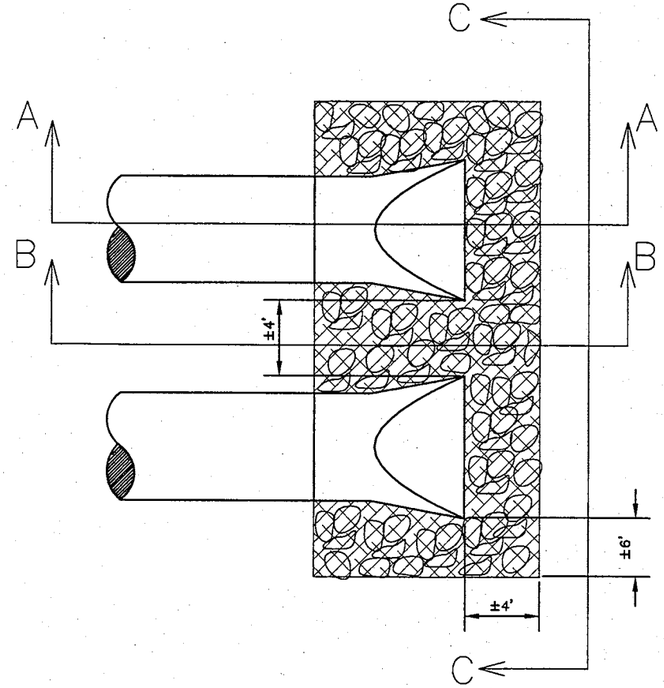
DRIVEWAY PROFILE

(NOT TO SCALE)



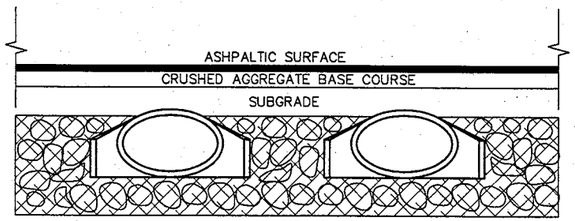
* SOILS ENGINEER HAS INDICATED TYPICAL MARSH EXCAVATION TO BE APPROXIMATELY 1.5'. EXACT DEPTH TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

TYPICAL MARSH EXCAVATION



43" X 68" CULVERTS AT STA. 76+00

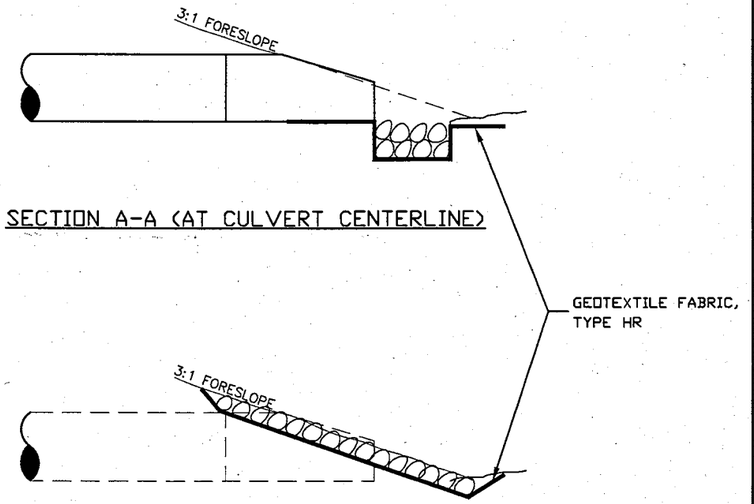
PLAN VIEW



SECTION C-C

GEOTEXTILE FABRIC, TYPE HR

HEAVY RIPRAP



SECTION A-A (AT CULVERT CENTERLINE)

SECTION B-B (ADJACENT TO CULVERTS)

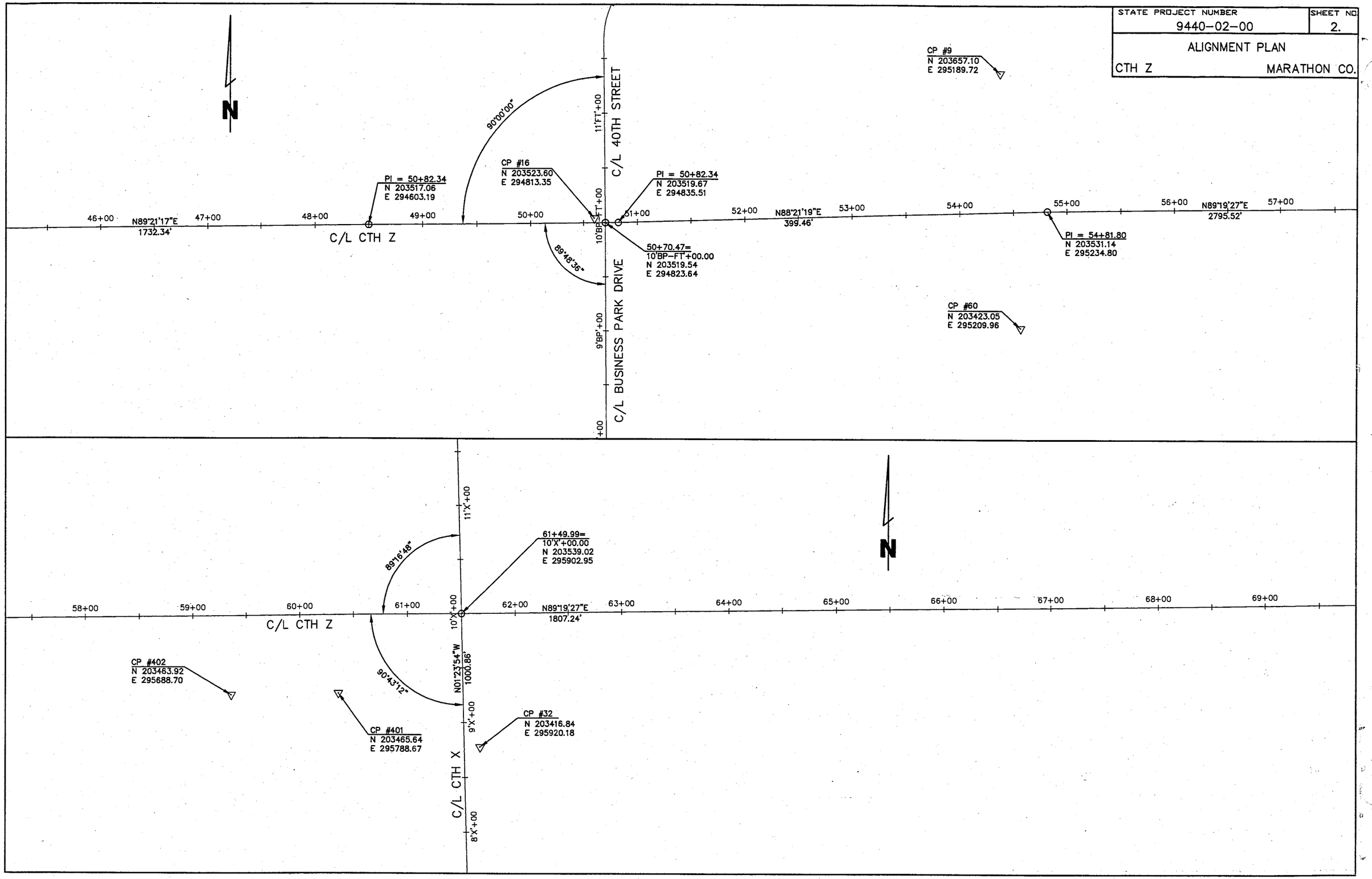
PLOT NAME: sht1.dwg PLOT SCALE: 1:1 REV. DATE: ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017DTLS 08-15-2000 11:05:41 am CST

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.

ALIGNMENT PLAN

CTH Z MARATHON CO.



PLOT SCALE: 1:1

PLOT NAME: sht1.dwg

REV. DATE:

ORIGINATOR: BHA

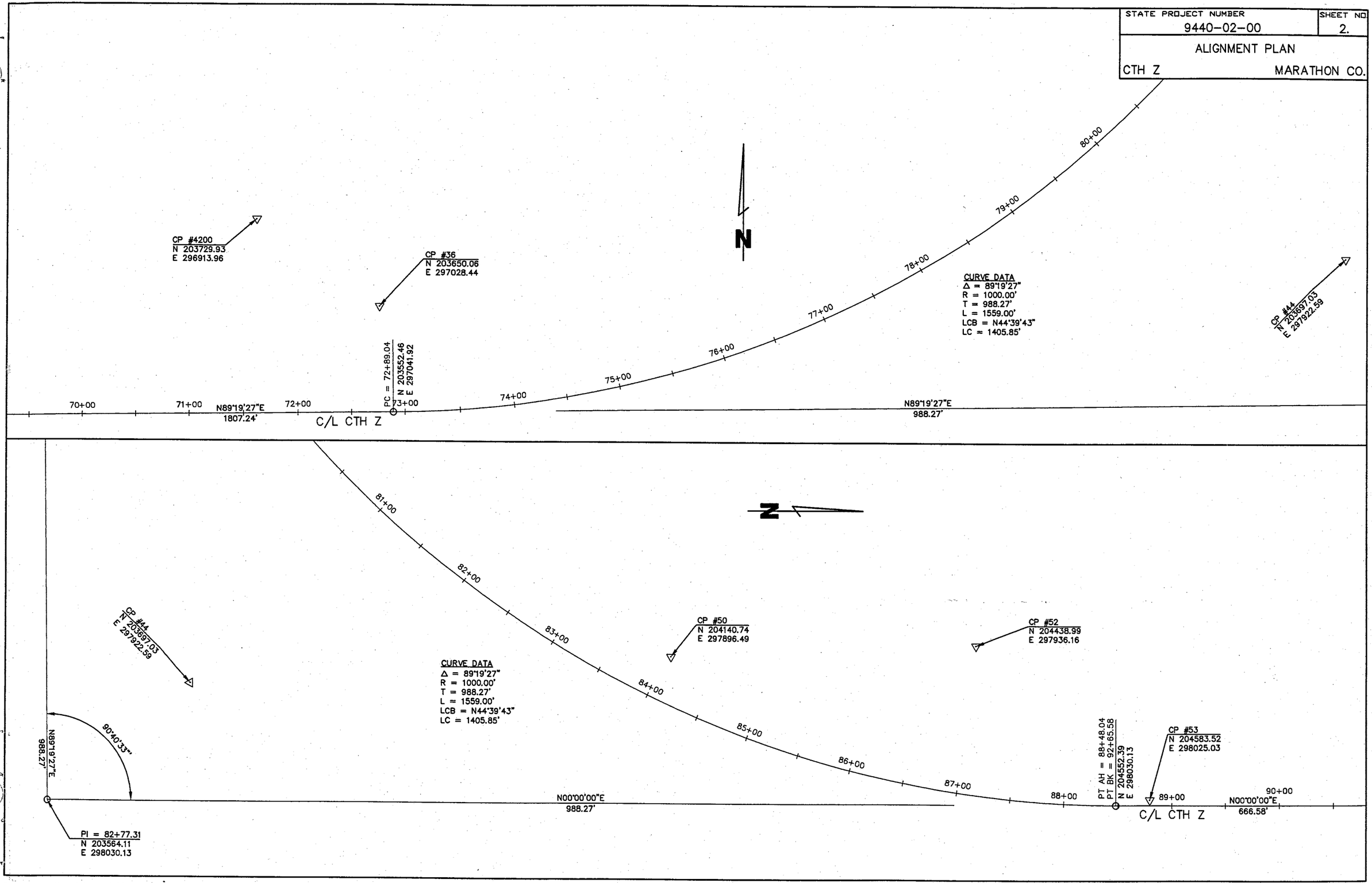
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017ALGN 09-25-2000 10:59:16 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.

ALIGNMENT PLAN

CTH Z MARATHON CO.



PLOT NAME: sht1.dwg PLOT SCALE: 1:1 REV. DATE: ORIGINATOR:

FILE NAME: P:\sdskpro_i\98017.10\dwg\PLANS\8017ALGN 09-25-2000 10:59:16 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER 9440-02-00 | SHEET NO. 2.

ALIGNMENT PLAN

CTH Z MARATHON CO.

91+25.43=
10'HA'+00
N 204829.77
E 298030.13

91+00 | 92+00 | 93+00 | 94+00 | 95+00 | 96+00 | 97+00 | 98+00 | 99+00 | 100+00

N00°00'00"E
666.58'

C/L CTH Z

89°42'00"

10'HA'+00 | 11'HA'+00 | 12'HA'+00

E. HAMILTON STREET

CP #53
N 204755.98
E 298229.48

PC = 95+14.62
N 205218.97
E 298030.13

CURVE DATA
Δ = 89°21'08"
R = 925.00'
T = 914.60'
L = 1442.53'
LCB = N44°40'34"
LC = 1300.73'

CURVE DATA
Δ = 52°45'38"
R = 300.00'
T = 148.79'
L = 276.25'
LCB = S86°18'55"
LC = 266.60'

28'BL'+00

S59°56'06"E
148.79'

N00°00'00"E
914.60'

PT = 29'BL'+29.33
N 205717.78
E 298093.41

29'BL'+00

C/L BURGER LANE

30'BL'+00

100+00.00=
20'BL'+00.00
N 205682.38
E 298154.58

101+00 | 102+00

CP #34
N 205959.95
E 298322.13

29 N
21
28
R 8 E

N 207448.45
E 298438.42

CP #100
N 206144.14
E 298875.58

CP #51
N 206155.27
E 298947.95

CP #400
N 206164.77
E 299150.8

N89°21'08"E
914.60'

109+00 | 110+00 | 111+00 | 112+00

N89°21'08"E
1108.55'

C/L CTH Z

PI = 112+00
N 206146.66
E 299187.50

PI = 104+29.22
N 206133.57
E 298030.13

N00°00'00"E
914.60'

90°38'51"

1545.10'
N01°16'29"W

CP #35
N 206124.32
E 298754.12

CURVE DATA
Δ = 89°21'08"
R = 925.00'
T = 914.60'
L = 1442.53'
LCB = N44°40'34"
LC = 1300.73'

PT AH = 109+57.15
PT BK = 113+43.82
N 206143.91
E 298944.67

N

CP #34
N 205959.95
E 298322.13

103+00 | 104+00 | 105+00 | 106+00 | 107+00 | 108+00

26'FN'+00

PI = 26'FN'+00.00
N 205974.39
E 298471.11

'FN'+00

C/L 49TH STREET

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskpro_i\98017.10\dwg\PLANS\8017ALGN 09-25-2000 10:59:16 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
ALIGNMENT PLAN	
CTH Z	MARATHON CO.

C/L CTH Z

49+00

90°00'00"

PC = 11'FT'+66.04
N 203585.57
E 294821.77

N00°38'43"W 79.96'

PI = 12'FT'+28.85
N 203765.52
E 294820.87

S89°19'25"W 79.96'

CURVE DATA
Δ = 89°58'08"
R = 80.00'
T = 79.96'
L = 125.62'
LCB = N44°20'21"E
LC = 113.11'

12'FT'+00

13'FT'+00

PT AH= 12'FT'+91.66
PT BK= 13'FT'+25.96
N 203766.46
E 294900.82

CP #16
N 203523.6
E 294813.35

11'FT'+00

C/L 40TH STREET

14'FT'+00

50+00

89°48'36"

10'BP'+00

51+00

PI = 9'BP'+22
N 203441.54
E 294824.25

9'BP'+00

C/L BUSINESS PARK DRIVE

50+70.47=
10'BP-FT'+00.00
N 203519.54
E 294823.64

52+00

8'BP'+00

53+00

CP #9
N 203657.10
E 295189.72

15'FT'+00

16'FT'+00

PC = 16'FT'+28.29
N 203770.44
E 295237.43

CURVE DATA
Δ = 43°21'32"
R = 250.00'
T1 = 106.19'
T2 = 94.55'
L = 189.19'
LCB = N67°38'38"E
LC = 184.71'

17'FT'+00

S89°19'25"W 106.19'

N43°07'46"E 94.55'

PI = 17'FT'+28.71
N 203771.69
E 295343.62

18'FT'+00

PT AH = 18'FT'+17.48
PT BK = 18'FT'+29.03
N 203840.69
E 295408.26

CURVE DATA
Δ = 44°26'56"
R = 80.00'
T = 32.69'
L = 62.06'
LCB = N20°54'18"E
LC = 60.52'

PC = 18'FT'+80.54
N 203886.71
E 295451.37

19'FT'+00

N43°07'46"E 32.69'

PT AH N 203943.25 E 295472.96
PT BK = 19'FT'+42.60
19'FT'+45.92

N01°19'10"W 32.69'

PI = 19'FT'+11.57
N 203910.57
E 295473.71

20'FT'+00

21'FT'+00

22'FT'+00

C/L 40TH STREET

CP #58
N 204027.97
E 295479.58

PI = 19'FT'+80
N 203980.63
E 295472.10

CP #402
N 203463.92
E 295688.7

CP #401
N 203465.64
E 295788.67

60+00

90°43'12"

89°16'48"

61+00

N01°23'54"W 862.22'

5'X'+00

6'X'+00

C/L CTH X

7'X'+00

8'X'+00

N01°23'54"W 1000.86'

9'X'+00

10'X'+00

11'X'+00

12'X'+00

13'X'+00

14'X'+00

15'X'+00

16'X'+00

CP #57
N 203728.57
E 295883.28

PI = 8'X'+00
N 203339.08
E 295907.84

CP #32
N 203416.84
E 295920.18

61+49.99=
10'X'+00.00
N 203539.02
E 295902.95

PI = 12'X'+00
N 203738.96
E 295898.07

62+00

C/L CTH Z

63+00

29 N
29 28
32 33
R 8 E

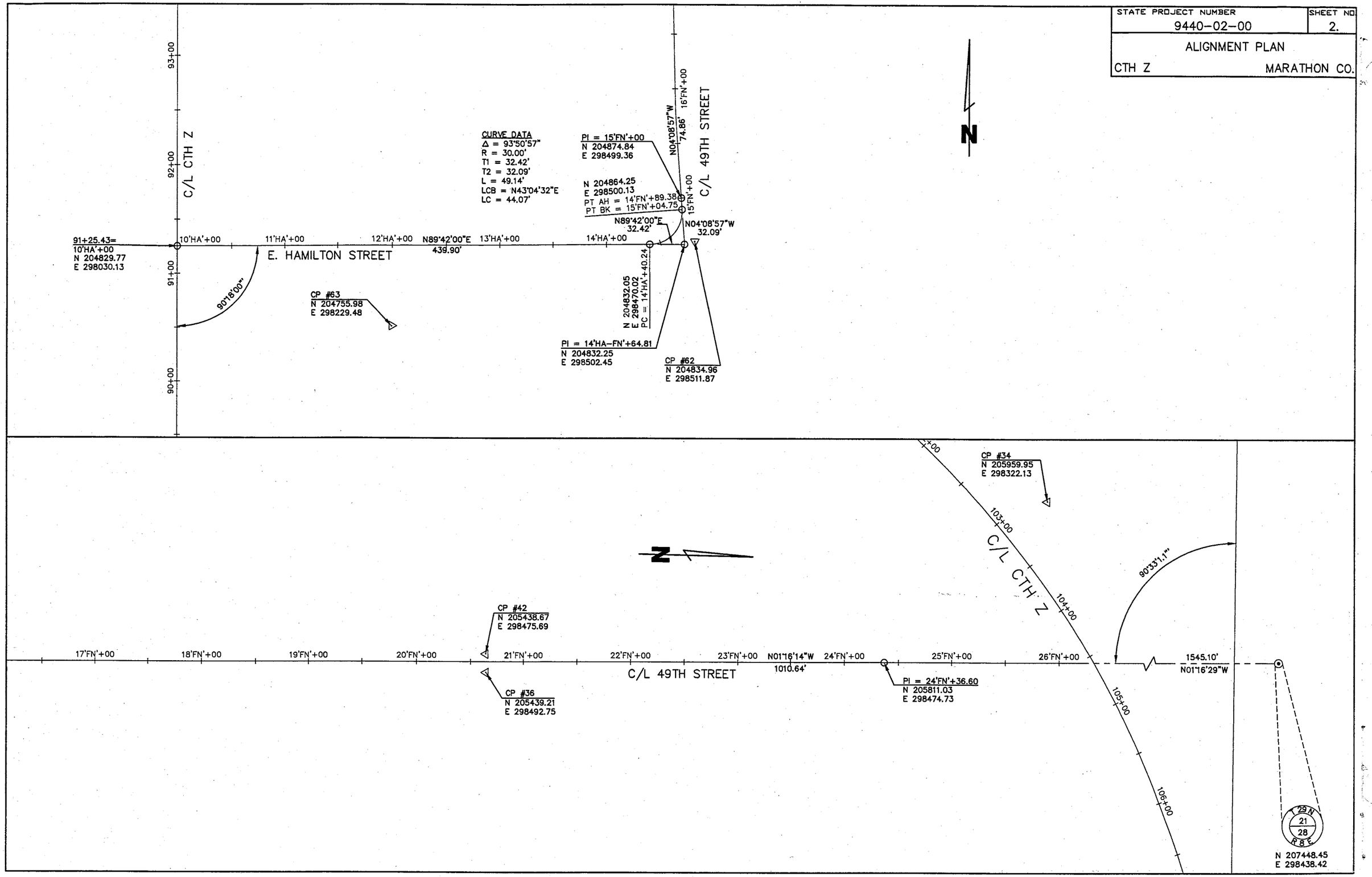
N 202177.2
E 295936.2

PLOT NAME: sht1.dwg PLOT SCALE: 1:1 REV. DATE: ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017ALGN 09-25-2000 10:59:16 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
ALIGNMENT PLAN	
CTH Z	MARATHON CO.



PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

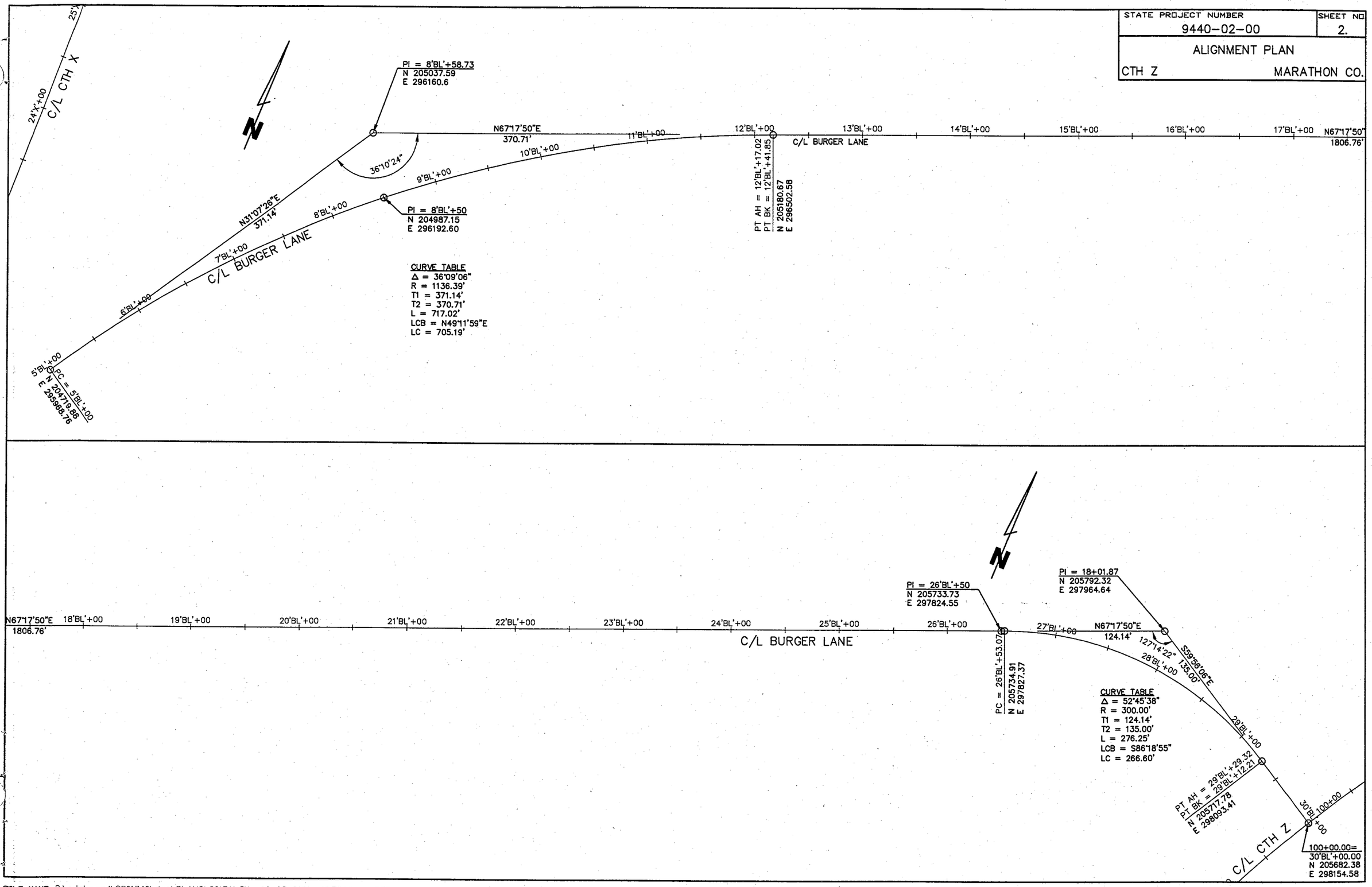
ORIGINATOR: BHA

FILE NAME: P:\sdskpro_i\98017.10\dwg\PLANS\8017ALGN 09-25-2000 10:59:16 am CST

STATE PROJECT NUMBER	SHEET NO
9440-02-00	2.

ALIGNMENT PLAN

CTH Z MARATHON CO.



PLOT NAME: sht1.dwg PLOT SCALE: 1:1 REV. DATE: ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017ALGN 09-25-2000 10:59:16 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
TRAFFIC CONTROL PLAN	
CTH Z	MARATHON CO.

TRAFFIC CONTROL PLAN GENERAL NOTES, LEGEND, AND CONSTRUCTION DETAILS

GENERAL TRAFFIC CONTROL NOTES

TRAFFIC CONTROL DRUMS USED ON TAPERS SHALL HAVE WARNING LIGHTS, TYPE C

DRUMS ARE CONTINUOUS AT 45 FEET (C-C) SPACING EXCEPT AT CROSS ROADS, IN TAPERS AND AT ENTRANCES.

ALL SIGNS 48" X 48" UNLESS NOTED OTHERWISE.

THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF CONTROL ZONE, INCLUDING PRE-EXISTING SIGNING IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER. IF IT IS NECESSARY TO DISTURB SIGNS ON SIDEROADS, SAID SIGNS SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER CONSTRUCTION.

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

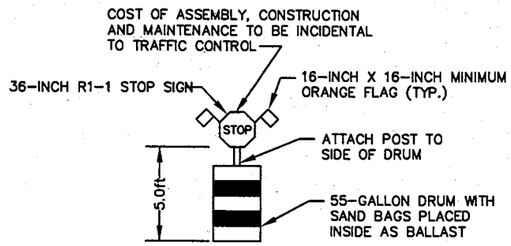
TEMPORARY STOP SIGNS SHALL BE SUPPORTED ON WOOD POSTS, SEE DETAILS.

FOR TRAFFIC CONTROL FOR TEMPORARY ROAD CLOSURES,SEE S.D.D. "BARRICADES AND TRAFFIC CONTROL FOR ROAD CLOSURE."

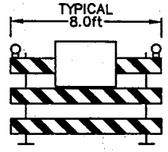
TEMPORARY MARKING ON EXISTING PAVEMENT TO REMAIN SHALL BE REMOVABLE TAPE.

TEMPORARY MARKING ON EXISTING PAVEMENT TO BE REMOVED SHALL BE PAINT.

ALL PERMANENT SIGNING SHALL BE IN PLACE BEFORE STAGE 3 OF THE TRAFFIC CONTROL PLAN.



TEMPORARY STOP SIGN



TRAFFIC CONTROL BARRICADES, TYPE 3
(WITH 2 TYPE "A" WARNING LIGHTS)

LEGEND

- SIGN OF FIXED SUPPORT
- TRAFFIC CONTROL, DRUM (45 FEET C-C, TYPICAL)
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT, TYPE C, (15 FEET C-C, TYP)
- TEMPORARY STOP SIGN ASSEMBLY
- LANE AND DIRECTION OF FLOW
- TRAFFIC CONTROL, BARRICADE, TYPE III WITH TWO (2) WARNING LIGHTS, TYPE A
- TRAFFIC CONTROL, BARRICADE, TYPE III WITH TWO (2) WARNING LIGHTS, TYPE A AND TRAFFIC CONTROL SIGN MOUNTED TO BARRICADE
- AREA UNDER CONSTRUCTION
- PAVEMENT OBLITERATION

PLOT NAME: shtd.dwg PLOT SCALE: 1:1
REV. DATE:
ORIGINATOR: BHA

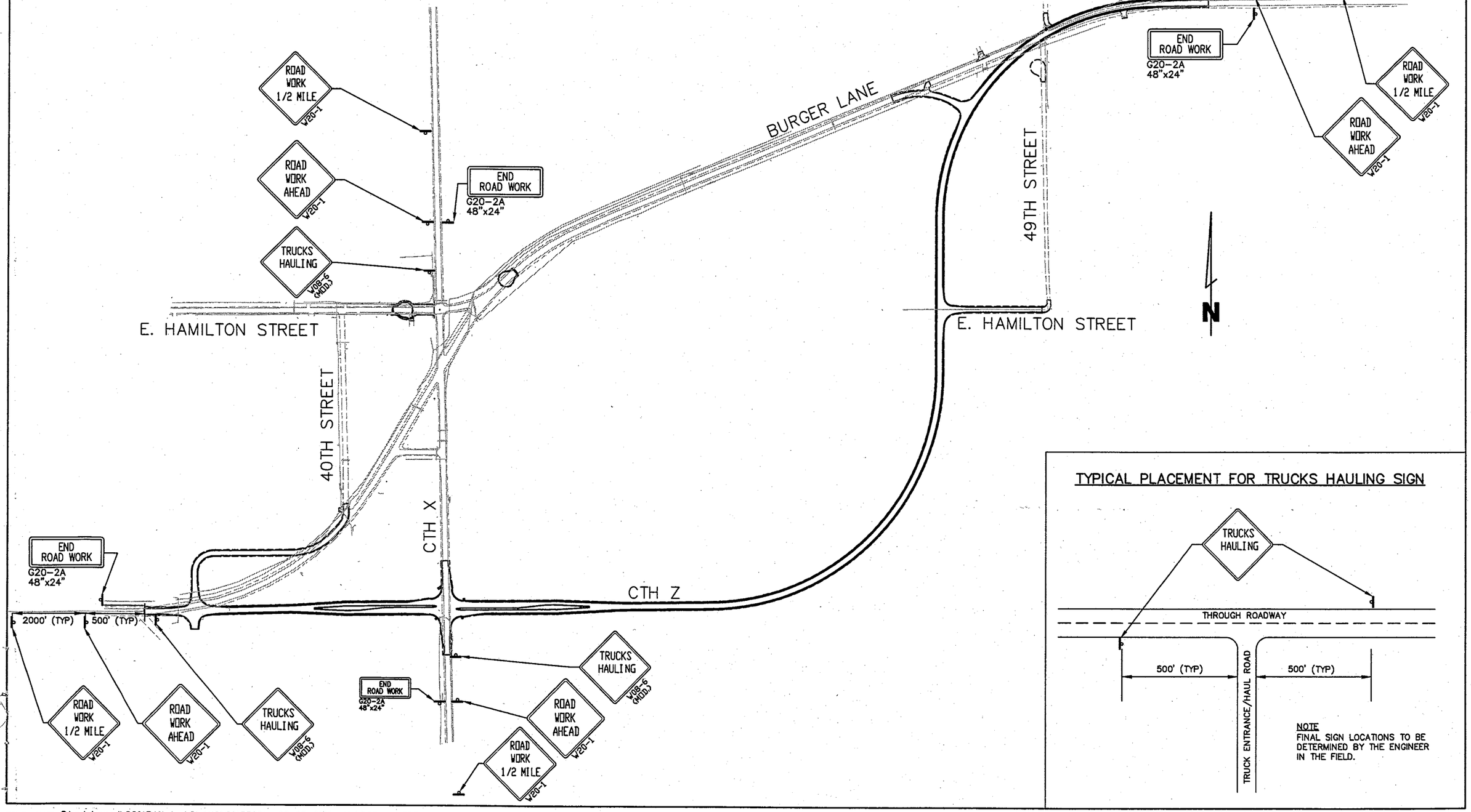
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017TCP1 09-25-2000 11:35:09 am CST

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.

TRAFFIC CONTROL PLAN

CTH Z MARATHON CO.

TCP OVERVIEW



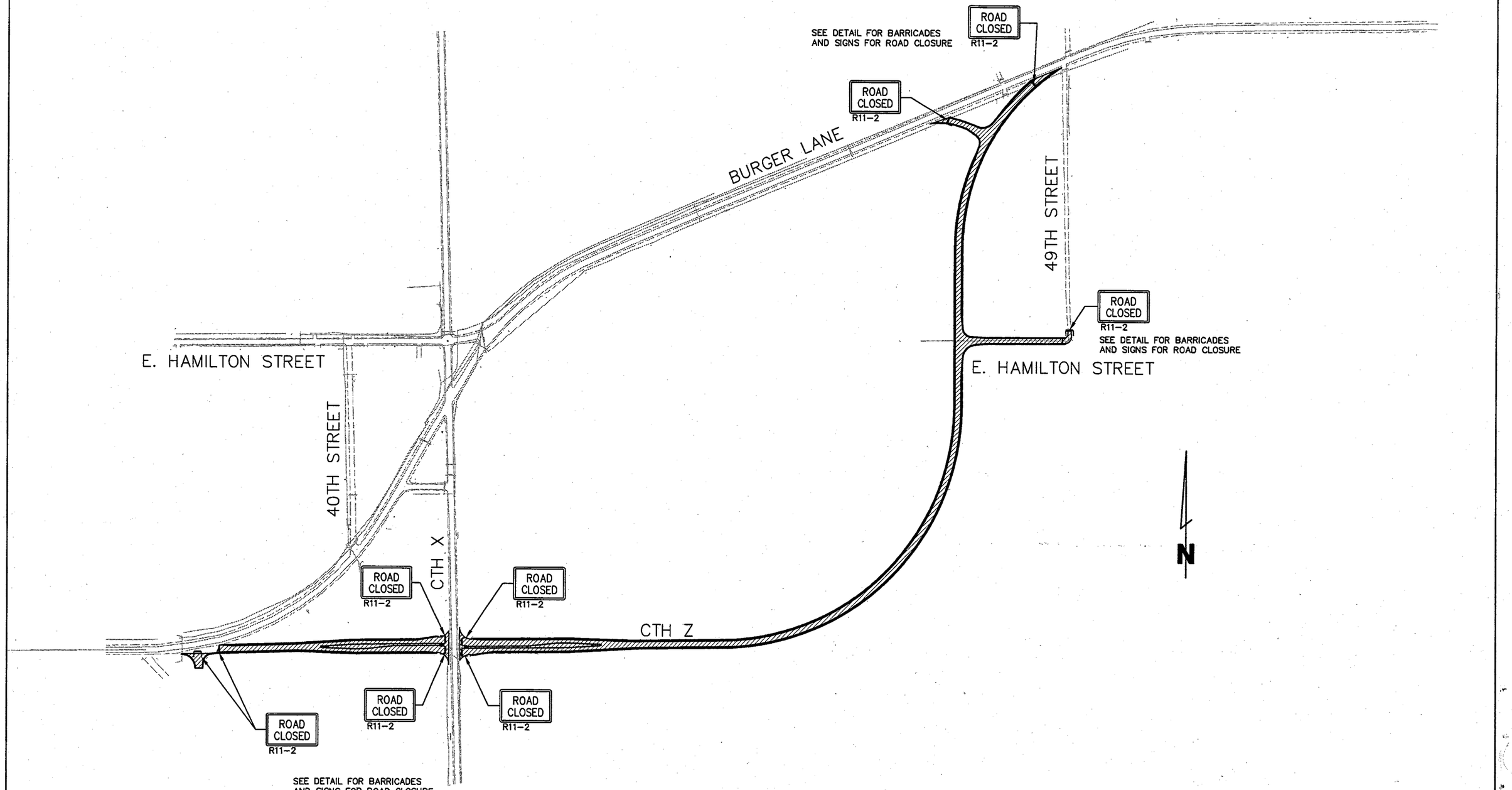
TYPICAL PLACEMENT FOR TRUCKS HAULING SIGN

NOTE
FINAL SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

PLOT NAME: sht1.dwg PLOT SCALE: 1:1
REV. DATE
ORIGINAL DR.

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
TRAFFIC CONTROL PLAN	
CTH Z	MARATHON CO.

STAGE 1



PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

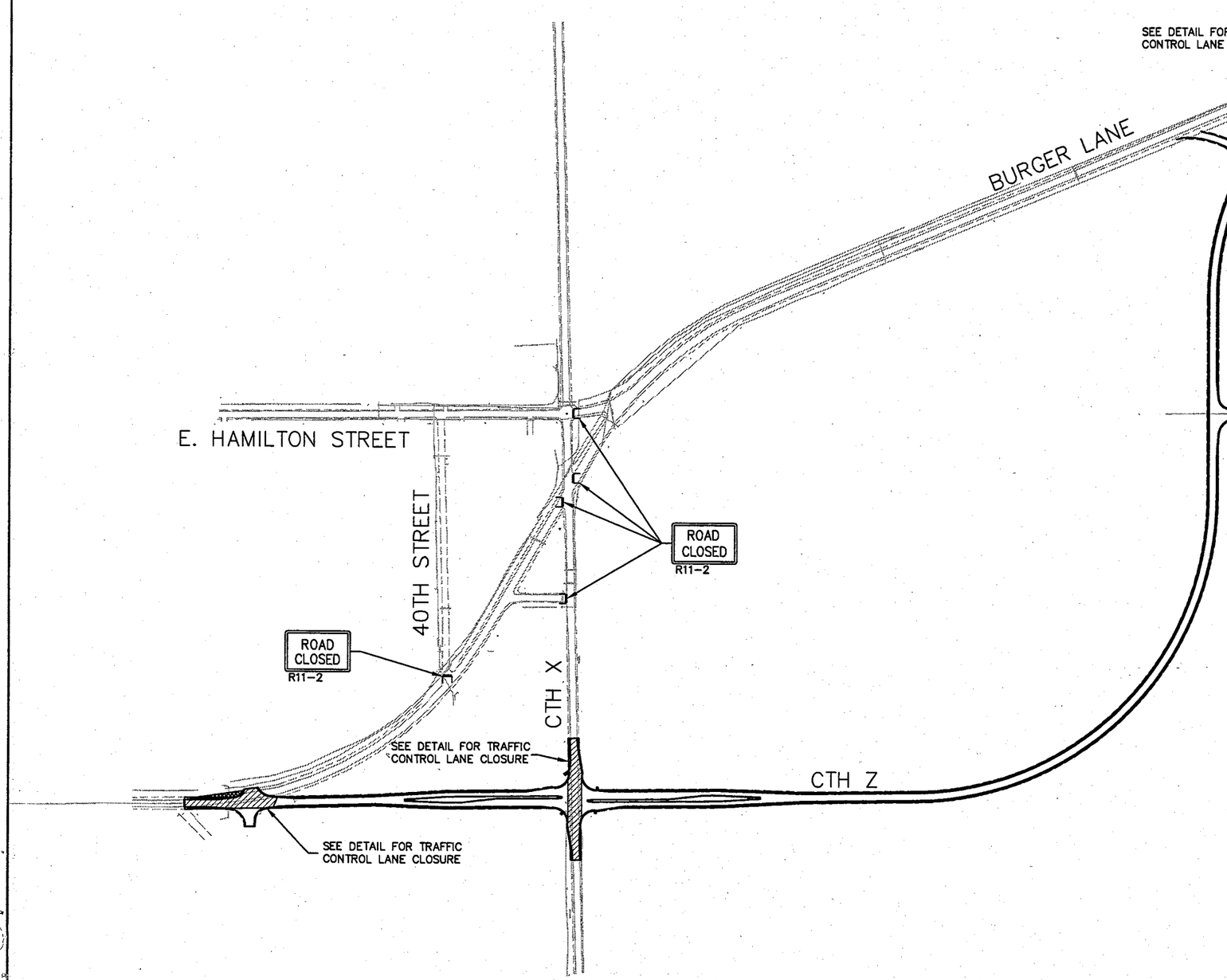
ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017TCP1 09-25-2000 11:35:09 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO
9440-02-00	2.
TRAFFIC CONTROL PLAN	
CTH Z	MARATHON CO.

STAGE 2

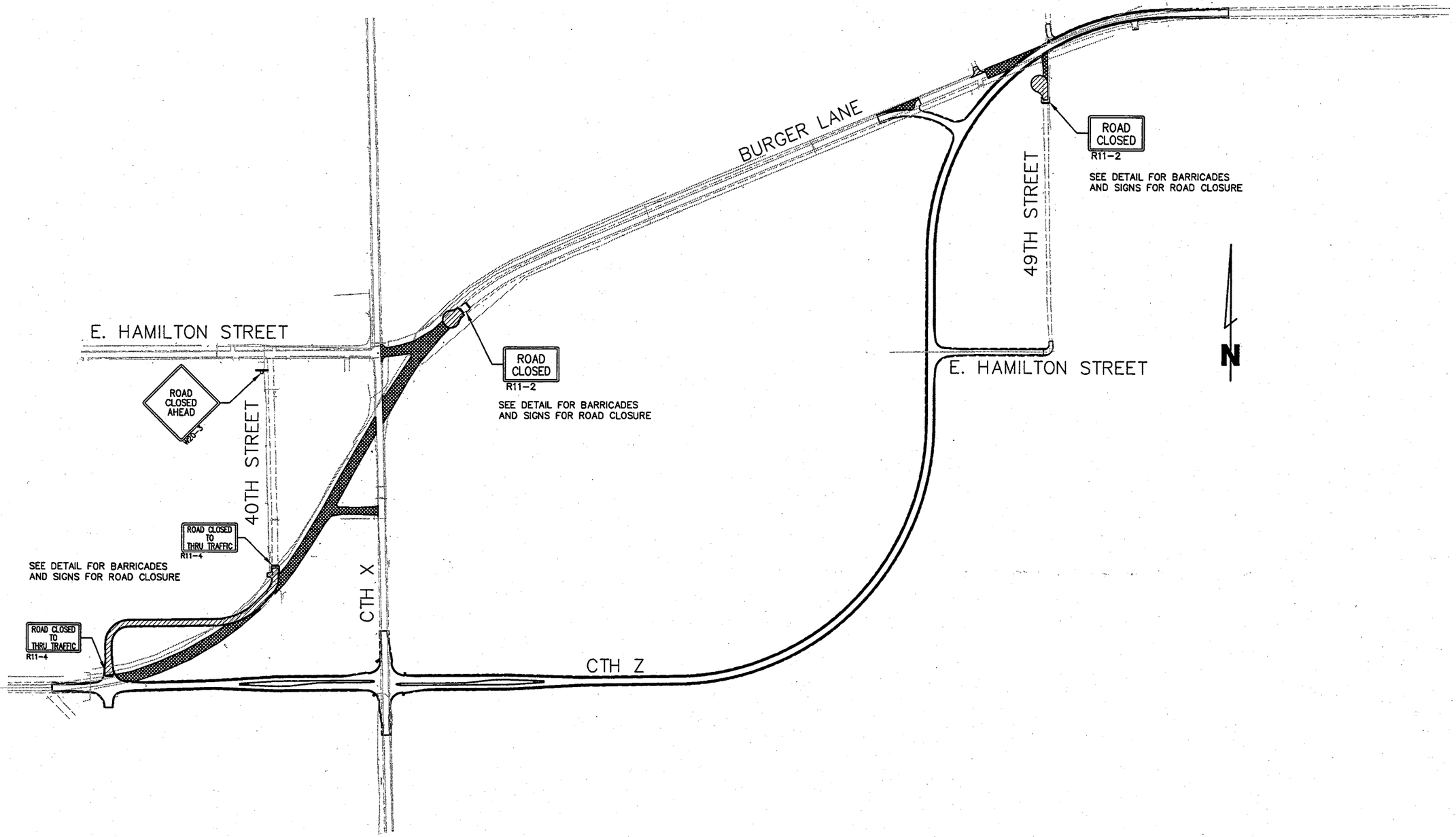


*NOTE – ALL APPROPRIATE PERMANENT SIGNING MUST BE ERECTED, AS SHOWN IN THE PLAN OR DESIGNATED BY THE ENGINEER, PRIOR TO THE START OF STAGE 2.

PLOT NAME: sht1.dwg PLOT SCALE: 1:1
REV. DATE:
ORIGINATOR:
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017TCP1 09-25-2000 11:35:09 am CST
WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO
9440-02-00	2.
TRAFFIC CONTROL PLAN	
CTH Z	MARATHON CO.

STAGE 3



PLOT NAME: sh1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017TCP1 09-25-2000 11:35:09 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO
9440-02-00	2.

SIGNING PLAN

CTH Z MARATHON CO.

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE: ORIGINATOR: SHA

PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING, STOPLINE, 18", WHITE
2. PAVEMENT MARKING, CENTERLINE NO PASSING, 4" SOLID DOUBLE YELLOW
3. EDGELINE MARKING, 4", WHITE
4. PAVEMENT MARKING, DIAGONAL, 12", YELLOW (10.0' C-C, TYPICAL)
5. PAVEMENT MARKING, ISLAND NOSE, YELLOW
6. PAVEMENT MARKING, WORDS
7. PAVEMENT MARKING, TYPE 2, ARROW
8. PAVEMENT MARKING, CHANNELIZING, 8", WHITE
9. PAVEMENT MARKING, CURB, YELLOW

PAVEMENT SIGNING LEGEND

NEW SIGN

REMOVE SIGN\ MOVE SIGN

FILE NAME: P:\sdskproj\98017.i0\dwg\PLANS\8017SIGN 09-25-2000 8:53:51 am CST

WISDOT/CADDS SHEET 42

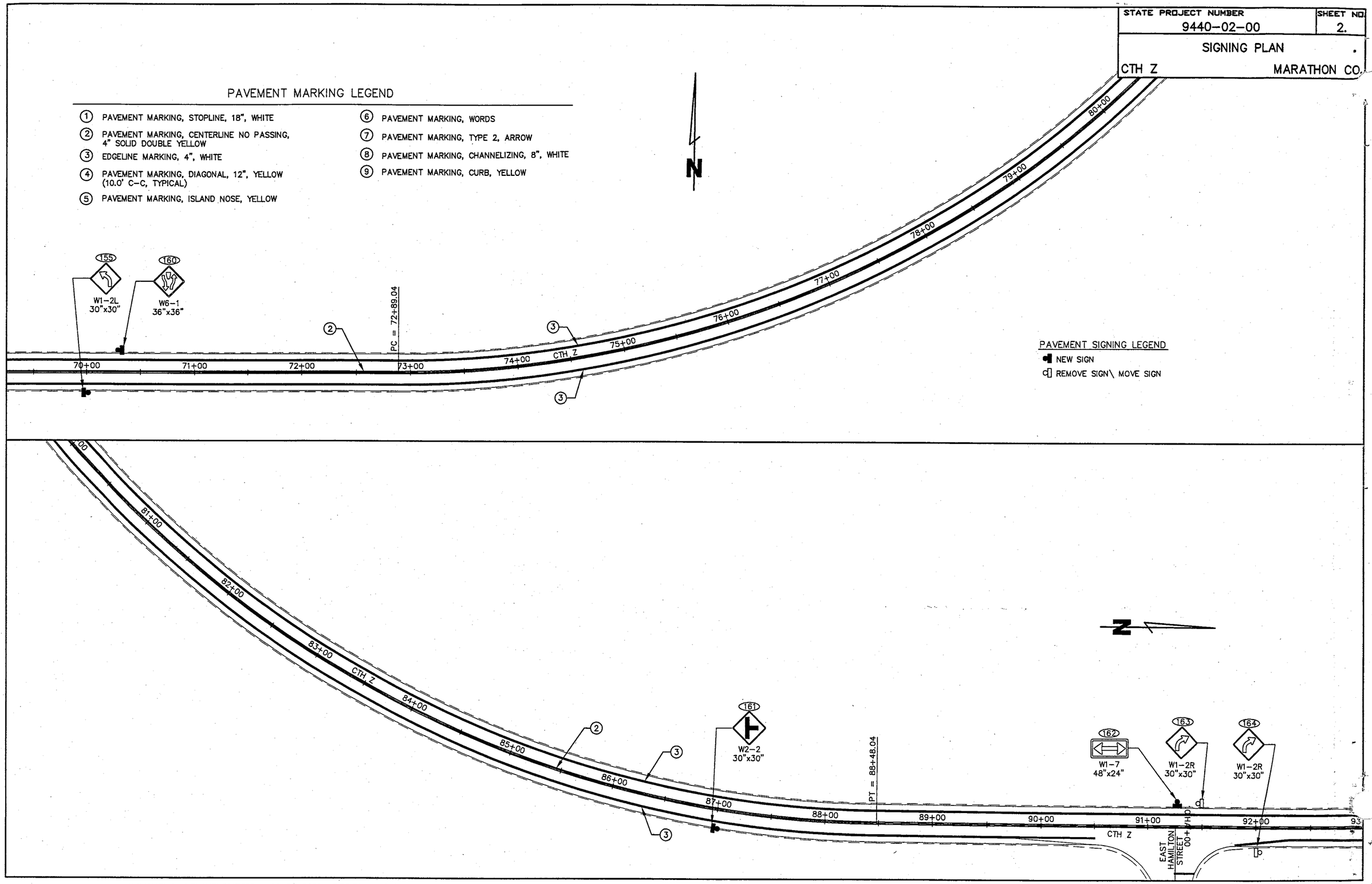
STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.

SIGNING PLAN

CTH Z MARATHON CO.

PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING, STOPLINE, 18", WHITE
2. PAVEMENT MARKING, CENTERLINE NO PASSING, 4" SOLID DOUBLE YELLOW
3. EDGELINE MARKING, 4", WHITE
4. PAVEMENT MARKING, DIAGONAL, 12", YELLOW (10.0' C-C, TYPICAL)
5. PAVEMENT MARKING, ISLAND NOSE, YELLOW
6. PAVEMENT MARKING, WORDS
7. PAVEMENT MARKING, TYPE 2, ARROW
8. PAVEMENT MARKING, CHANNELIZING, 8", WHITE
9. PAVEMENT MARKING, CURB, YELLOW



PAVEMENT SIGNING LEGEND

- NEW SIGN
- REMOVE SIGN\ MOVE SIGN

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017SIGN 09-25-2000 8:53:51 am CST

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.

SIGNING PLAN

CTH Z MARATHON CO.

PAVEMENT MARKING LEGEND

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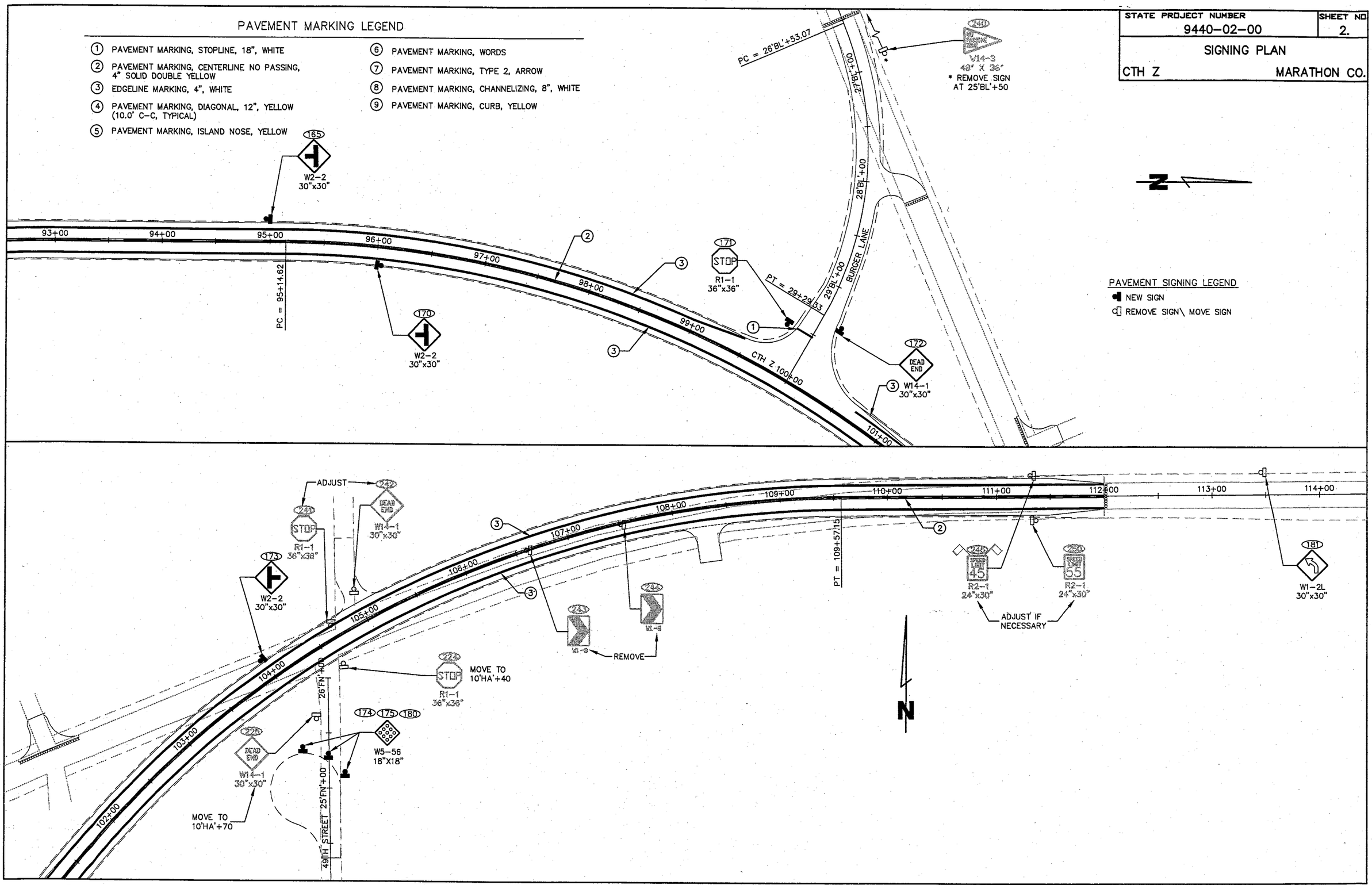

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: SMH

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017SIGN 09-25-2000 8:53:51 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
SIGNING PLAN	
CTH Z	MARATHON CO.

PAVEMENT MARKING LEGEND

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REV. DATE:

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WISDOT/CADDS SHEET 42

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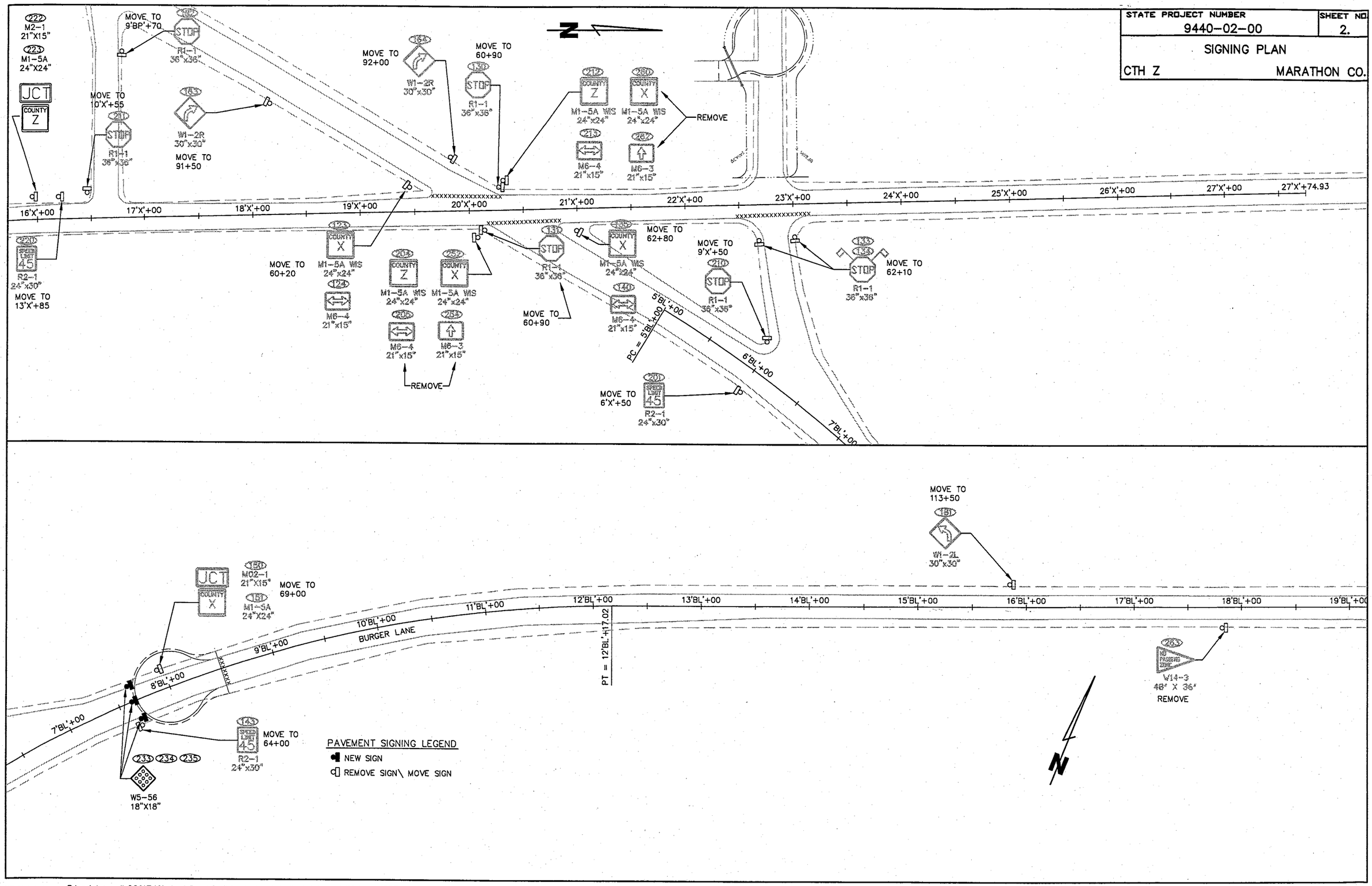
9440-02-00	2.

SIGNING PLAN

CTH Z MARATHON CO.



PAVEMENT SIGNING LEGEND

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PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

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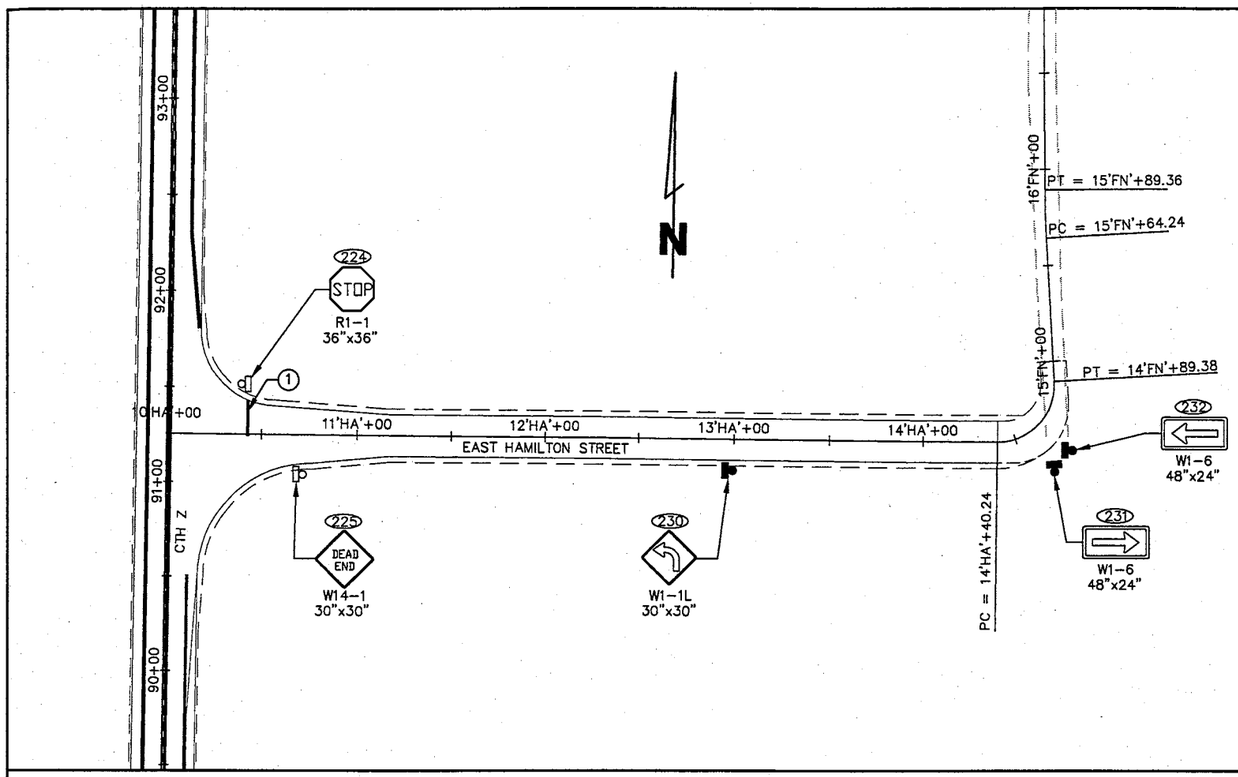
STATE PROJECT NUMBER	SHEET NO.
9440-02-00	2.
SIGNING PLAN	
CTH Z	MARATHON CO.



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6. PAVEMENT MARKING, WORDS
7. PAVEMENT MARKING, TYPE 2, ARROW
16. PAVEMENT MARKING, CHANNELIZING, 8", WHITE
9. PAVEMENT MARKING, CURB, YELLOW

PAVEMENT SIGNING LEGEND

- NEW SIGN
- REMOVE SIGN\ MOVE SIGN

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PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

EARTHWORK SCHEDULE

PROJECT ID	LOCATION	STATION	TO	STATION	20401 REMOVING PAVEMENT (SY)	20501 COMMON EXCAVATION (CY)	20505 MARSH EXCAVATION (CY)	20801 BORROW EXCAVATION (CY)
9440-02-00	CTH Z	48+50	-	51+50	650	---	---	REFER
	CTH Z	103+00	-	112+00	2150	---	---	TO
	CTH Z	48+50	-	52+50	---	430	---	COMPUTER
	CTH Z	52+50	-	58+50	---	2250	---	EARTHWORK
	CTH Z	58+50	-	64+50	---	2000	---	SHEETS
	CTH Z	64+50	-	70+50	---	---	---	(32285)
	CTH Z	70+50	-	76+50	---	---	1600	
	CTH Z	76+50	-	82+50	---	---	1550	
	CTH Z	82+50	-	88+50	---	110	1600	
	CTH Z	88+50	-	94+50	---	510	---	
	CTH Z	94+50	-	100+50	---	1600	---	
	CTH Z	100+50	-	106+50	---	940	---	
	CTH Z	106+50	-	112+00	---	880	---	
	BUS. PARK DR. & 40TH ST.	9'BP'+22	-	19'FT'+80	---	2000	---	
	CTH X	8'X'+00	-	10'X'+00	---	750	---	
	CTH X	10'X'+00	-	12'X'+00	---	460	---	
	HAMILTON ST.	10'HA'+00	-	15'HA'+64.24	---	220	---	
	BURGER LANE	7'BL'+67	-	8'BL'+50	---	190	---	
	BURGER LANE	26'BL'+50		30'BL'+00	---	530	---	
	UNDISTRIBUTED						700	5000
TOTAL					2800	13000	5500	37300

REMOVING OLD CULVERTS

PROJECT ID	LOCATION	STATION	OFFSET	20330 (EACH)	NOTE
9440-02-00	CTH Z	102+00	LT	2	OLD CTH Z DRIVEWAY CULVERTS
	CTH Z	104+50	RT	1	
	CTH Z	104+90	LT	1	
	CTH Z	108+30	RT	1	
	40TH STREET	19'FT'+56	---	1	
	40TH STREET	20'FT'+32	LT	1	
	CTH X	16'X'+66	LT	1	
	CTH X	18'X'+50	LT	1	OLD CTH Z CROSS CULVERT
	BURGER LANE	6'BL'+00	---	1	
TOTAL				10	

OBLITERATING OLD ROAD

PROJECT ID	LOCATION	21401 (STA)	NOTE
9440-02-00	OLD CTH Z	17	FROM START OF PROJECT TO BURGER LANE CUL-DE-SAC
	DIVISION AVENUE	2	FROM OLD CTH Z TO CTH X
	HAMILTON STREET	1	FROM CTH X TO OLD CTH Z
	OLD CTH Z	2	FROM OLD BURGER LANE TO CTH Z
TOTAL		22	

CLEARING AND GRUBBING

PROJECT ID	LOCATION	STATION	TO	STATION	20101 CLEARING (STA)	20104 GRUBBING (STA)	NOTE
9440-02-00	CTH Z	51+50	-	61+50	10	10	
	CTH Z	79+00	-	92+00	13	13	
	40TH STREET	22'FT'00	-	---	2	2	DRAINAGE DITCH TO CTH X
	HAMILTON ST.	10'HA'+00	-	15'HA'+00	5	5	
TOTAL					30	30	

SAWING PAVEMENT SCHEDULE

PROJECT ID	LOCATION	STATION	66501 SAWING EXISTING PAVEMENT (LF)	NOTES
9440-02-00	CTH Z	48+50	25	
	CTH Z	108+25	20	DRIVEWAY RIGHT
	CTH Z	112+00	25	
	CTH X	8'X'+00	25	
	CTH X	12'X'+00	25	
	CTH X	16'X'+65	45	DIVISION AVENUE INTERSECTION
	CTH X	20'X'+00	70	OLD CTH Z INTERSECTION
	CTH X	20'X'+50	75	OLD CTH Z INTERSECTION
	CTH X	22'X'+75	70	HAMILTON STREET INTERSECTION
	BURGER LANE	8'BL'+50	30	CUL-DE-SAC
	BURGER LANE	26'BL'+50	25	
	BURGER LANE	28'BL'+00	90	DRIVEWAY RIGHT (TWO LOCATIONS)
TOTAL			525	

CRUSHED AGGREGATE BASE COURSE SCHEDULE

PROJECT ID	LOCATION	STATION	TO	STATION	30404 CABC (TON)	62301 CALCIUM CHLORIDE SURFACE TREATMENT (TON)	NOTES
9440-02-00	CTH Z	48+50	-	52+50	1300	1.3	ACP BASE
	CTH Z	52+50	-	58+50	1800	1.8	ACP BASE
	CTH Z	56+00	-	61+50	700	0.4	MEDIAN BASE
	CTH Z	58+50	-	64+50	2850	2.9	ACP BASE
	CTH Z	61+50	-	67+50	750	0.5	MEDIAN BASE
	CTH Z	61+50	-	---	100	0.0	RADII CURB & GUTTER
	CTH Z	64+50	-	70+50	1950	1.9	ACP BASE
	CTH Z	70+50	-	76+50	1650	1.7	ACP BASE
	CTH Z	76+50	-	82+50	1650	1.7	ACP BASE
	CTH Z	82+50	-	88+50	1650	1.7	ACP BASE
	CTH Z	88+50	-	94+50	1850	1.8	ACP BASE
	CTH Z	94+50	-	100+50	1750	1.8	ACP BASE
	CTH Z	100+50	-	106+50	1700	1.7	ACP BASE
	CTH Z	106+50	-	112+00	1500	1.5	ACP BASE
	BUS. PARK DRIVE	9'BP'+22	-	10'BP'+00	150	0.1	ACP BASE
	40TH STREET	10'FT'+00	-	19'FT'+80	1750	1.8	ACP BASE
	CTH X	8'X'+00	-	10'X'+00	450	0.4	ACP BASE
	CTH X	10'X'+00	-	12'X'+00	450	0.4	ACP BASE
	HAMILTON ST.	10'HA'+00	-	14'HA'40.24	750	0.8	ACP BASE
	BURGER LANE	7'BL'+67	-	8'BL'+50	350	0.3	ACP BASE
	BURGER LANE	26'BL'+50		30'BL'+00	750	0.7	ACP BASE
		UNDISTRIBUTED		---	150	1.0	
TOTAL					26000	26	

ASPHALTIC CONCRETE PAVEMENT, TYPE LV

PROJECT ID	LOCATION	STATION	TO	STATION	40714 ASPHALTIC CONCRETE PAVEMENT TYPE LV (TON)	40501 ASPHALTIC MATERIAL FOR PLANT MIXES (TON)	40204 ASPHALTIC MATERIAL FOR TACK COAT (GAL)	40301 QUALITY MANAGEMENT PROGRAM ASPHALTIC MIXTURE (TON)	FOR INFO ONLY ASPHALTIC CONCRETE PAVEMENT TYPE LV (SF)
9440-02-00	CTH Z	48+50	-	52+50	443.11	26.59	50.07	443.11	15920
	CTH Z	52+50	-	58+50	620.27	37.22	70.09	620.27	22285
	CTH Z	58+50	-	64+50	975.98	58.56	110.29	975.98	35065
	CTH Z	64+50	-	70+50	656.45	39.39	74.18	656.45	23585
	CTH Z	70+50	-	76+50	567.80	34.07	64.16	567.80	20400
	CTH Z	76+50	-	82+50	567.80	34.07	64.16	567.80	20400
	CTH Z	82+50	-	88+50	567.80	34.07	64.16	567.80	20400
	CTH Z	88+50	-	94+50	621.38	37.28	70.22	621.38	22325
	CTH Z	94+50	-	100+50	598.14	35.89	67.59	598.14	21490
	CTH Z	100+50	-	106+50	569.19	34.15	64.32	569.19	20450
	CTH Z	106+50	-	112+00	513.11	30.79	57.98	513.11	18435
	BUS. PARK DRIVE	9'BP'+22	-	10'BP'+00	48.01	2.88	5.43	48.01	1725
	40TH STREET	10'FT'+00	-	19'FT'+80	602.87	36.17	68.12	602.87	21660
	CTH X	8'X'+00	-	10'X'+00	149.19	8.95	16.86	149.19	5360
	CTH X	10'X'+00	-	12'X'+00	148.91	8.93	16.83	148.91	5350
	HAMILTON ST.	10'HA'+00	-	14'HA'40.24	254.40	15.26	28.75	254.40	9140
	BURGER LANE	7'BL'+67	-	8'BL'+50	107.44	6.45	12.14	107.44	3860
	BURGER LANE	26'BL'+50		30'BL'+00	242.15	14.53	27.36	242.15	8700
TOTAL					8300	505	1050	8300	296550

CULVERT PIPE SCHEDULE

PROJECT ID	LOCATION	STATION	TO	STATION	OFF. (FT)	52105 CSCP, 18-INCH (FT)	52107 CSCP, 24-INCH (FT)	52227 RCCP, CLASS IV, 18-INCH (FT)	52229 RCCP, CLASS IV, 24-INCH (FT)	90030B RCHECP, CLASS HE-III 14X23-INCH (FT)	90030A RCHECP, CLASS HE-III 43X68-INCH (FT)	52149 STEEL AEW FOR CULVERT PIPE, 18" (EACH)	52151 STEEL AEW FOR CULVERT PIPE, 24" (EACH)	52262 RC AEW FOR CULVERT PIPE, 18" (EACH)	52264 RC AEW FOR CULVERT PIPE, 24" (EACH)	52360 RC AEW FOR FOR CULVERT PIPE, 14X23" (EACH)	52369 RC AEW FOR FOR CULVERT PIPE, 43X68" (EACH)	NOTE
9440-02-00	CTH Z	76+00	-	---	---	---	---	---	---	---	152	---	---	---	---	---	4	CROSS CULVERT
	CTH Z	81+00	-	---	---	---	---	---	---	56	---	---	---	---	---	2	---	CROSS CULVERT
	CTH Z	85+00	-	---	---	---	---	---	---	61	---	---	---	---	---	2	---	CROSS CULVERT
	CTH Z	104+80	-	105+20	LT	40	---	---	---	---	---	2	---	---	---	---	---	DRIVEWAY CULVERT
	CTH Z	108+12	-	108+46	RT	34	---	---	---	---	---	2	---	---	---	---	---	DRIVEWAY CULVERT
	BUS. PARK DR.	9'BP'+50	-	---	---	60	---	---	---	---	---	2	---	---	---	---	---	CROSS CULVERT
	40TH STREET	10'FT+50	-	---	---	60	---	---	---	---	---	2	---	---	---	---	---	CROSS CULVERT
	40TH STREET	19'FT'+46	-	19'FT'+62	LT	---	---	16	---	---	---	---	---	2	---	---	---	DRIVEWAY CULVERT
	40TH STREET	20'FT'+20	-	20'FT'+44	LT	---	---	24	---	---	---	---	---	2	---	---	---	DRIVEWAY CULVERT
	CTH X	9'X'+50	-	---	---	---	76	---	---	---	---	---	2	---	---	---	---	CROSS CULVERT
	CTH X	10'X'+50	-	---	---	---	76	---	---	---	---	---	2	---	---	---	---	CROSS CULVERT
	HAMILTON ST.	14'HA'+00	-	---	---	---	---	---	36	---	---	---	---	---	2	---	---	CROSS CULVERT
	BURGER LANE	27'BL'+80	-	28'BL'+20	LT	---	44	---	---	---	---	---	2	---	---	---	---	DRIVEWAY CULVERT
	BURGER LANE	28'BL'+00	-	---	LT	32	---	---	---	---	---	2	---	---	---	---	---	DRIVEWAY CULVERT
TOTAL						226	196	40	36	120	152	10	6	4	2	4	4	

CONCRETE CURB AND GUTTER SCHEDULE

PROJECT ID	LOCATION	STATION	TO	STATION	60170 CONCRETE CURB AND GUTTER, 36-INCH, TYPE D (LF)	60104 CONCRETE CURB, TYPE J (LF)	65030 CONSTRUCTION STAKING CURB & GUTTER (LF)	COMMENTS
9440-02-00	CTH Z	61+50	-	---	80	---	80.00	INTERSECTION RADII, NW QUADRANT
	CTH Z	61+50	-	---	78	---	78.00	INTERSECTION RADII, NE QUADRANT
	CTH Z	61+50	-	---	78	---	78.00	INTERSECTION RADII, SW QUADRANT
	CTH Z	61+50	-	---	80	---	80.00	INTERSECTION RADII, SE QUADRANT
	CTH Z	56+00	-	61+00	---	970	970.00	MEDIAN CURB
	CTH Z	62+00	-	67+50	---	1060	1060.00	MEDIAN CURB
TOTAL					316	2030	2346	

ASPHALTIC RUMBLE STRIPS, AT INTERSECTION

PROJECT ID	LOCATION	(SY)	NOTES
9440-02-00	CTH X	82.5	NORTH OF CTH Z
	CTH X	82.5	SOUTH OF CTH Z
TOTAL		165	

EROSION CONTROL

PROJECT ID	LOCATION	STATION	TO	STATION	62811 EROSION BALES DELIVERED (EACH)	62812 EROSION BALES INSTALLED (EACH)	62815 SILT FENCE, DELIVERED (LF)	62816 SILT FENCE, INSTALLED (LF)	62817 SILT FENCE MAINTEN. (LF)	62832 EROS. MAT, DELIVERED, CL II, TYPE B (SY)	62833 EROS. MAT, INSTALLED CL II, TYPE B (SY)	63003 SEEDING, TEMPORARY (LB)	60601 RIPRAP (CY)	64505 GEOTEXTILE FABRIC, TYPE R (SY)
9440-02-00	CTH Z	48+50	-	52+50	30	30	60	60	60	---	---	65	---	---
	CTH Z	52+50	-	58+50	45	45	---	---	---	---	---	90	---	---
	CTH Z	58+50	-	64+50	45	45	525	525	525	3000	3000	50	---	---
	CTH Z	64+50	-	70+50	45	45	1200	1200	1200	3000	3000	20	---	---
	CTH Z	70+50	-	76+50	20	20	1300	1300	1300	---	---	100	---	---
	CTH Z	76+50	-	82+50	20	20	1230	1230	1230	---	---	100	30	90
	CTH Z	82+50	-	88+50	20	20	1030	1030	1030	---	---	90	---	---
	CTH Z	88+50	-	94+50	45	45	---	---	---	---	---	70	---	---
	CTH Z	94+50	-	100+50	45	45	---	---	---	---	---	85	---	---
	CTH Z	100+50	-	106+50	45	45	30	30	30	---	---	120	---	---
	CTH Z	106+50	-	112+00	45	45	30	30	30	---	---	80	---	---
	BUS. PARK DRIVE	9'BP'+22	-	10'BP'+00	45	45	---	---	---	---	---	---	---	---
	40TH STREET	10'FT'+00	-	19'FT'+80	80	80	120	120	120	---	---	90	---	---
	CTH X	8'X'+00	-	10'X'+00	10	10	---	---	---	---	---	20	---	---
	CTH X	10'X'+00	-	12'X'+00	10	10	---	---	---	---	---	20	---	---
	HAMILTON ST.	10'HA'+00	-	14'HA'40.24	45	45	30	30	30	---	---	35	---	---
	BURGER LANE	7'BL'+67	-	8'BL'+50	35	35	90	90	90	---	---	6	---	---
	BURGER LANE	26'BL'+50		30'BL'+00	20	20	---	---	---	---	---	25	---	---
	UNDISTRIBUTED				65	65	250	250	250	300	300	---	---	---
TOTAL					715	715	5895	5895	5895	6300	6300	1100	30	90

LANDSCAPING SCHEDULE

PROJECT ID	LOCATION	STATION	TO	STATION	OFFSET	62505 SALVAGED TOPSOIL (SY)	62905 FERTILIZER, TYPE B (CWT)	62702 MULCHING (SY)	63011 SEEDING, MIXTURE NO. 40 (LB)	90033A PREPARATION OF LAWN TYPE TURF (SY)
9440-02-00	CTH Z	48+50	-	52+50	RT	1050	0.68	1050	19	---
	CTH Z	48+50	-	52+50	LT	1200	0.77	1200	22	---
	CTH Z	52+50	-	58+50	RT	1500	0.97	1500	28	---
	CTH Z	52+50	-	58+50	LT	1600	1.03	1600	29	---
	CTH Z	58+50	-	64+50	RT	870	0.56	870	16	---
	CTH Z	58+50	-	64+50	LT	2240	1.45	770	41	---
	CTH Z	64+50	-	70+50	RT	2310	1.49	330	43	---
	CTH Z	64+50	-	70+50	LT	240	0.15	240	4	---
	CTH Z	70+50	-	76+50	RT	2150	1.39	2150	40	---
	CTH Z	70+50	-	76+50	LT	1300	0.84	1300	24	---
	CTH Z	76+50	-	82+50	RT	2350	1.52	2350	43	---
	CTH Z	76+50	-	82+50	LT	1400	0.90	1400	26	---
	CTH Z	82+50	-	88+50	RT	1950	1.26	1950	36	---
	CTH Z	82+50	-	88+50	LT	1150	0.74	1150	21	---
	CTH Z	88+50	-	94+50	RT	1150	0.74	1150	21	---
	CTH Z	88+50	-	94+50	LT	1300	0.84	1300	24	---
	CTH Z	94+50	-	100+50	RT	1800	1.16	1800	33	---
	CTH Z	94+50	-	100+50	LT	1150	0.74	1150	21	---
	CTH Z	100+50	-	106+50	RT	1900	1.23	1900	35	---
	CTH Z	100+50	-	106+50	LT	2300	1.48	2300	42	---
	CTH Z	106+50	-	112+00	RT	1550	1.00	1550	29	---
	CTH Z	106+50	-	112+00	LT	1350	0.87	1350	25	---
	40TH STREET	10'FT'+00	-	19'FT'+80	RT	1850	1.19	1850	34	---
	40TH STREET	10'FT'+00	-	19'FT'+80	LT	1300	0.84	1300	24	350
	CTH X	8'X'+00	-	10'X'+00	RT	220	0.14	220	4	---
	CTH X	8'X'+00	-	10'X'+00	LT	510	0.33	510	9	---
	CTH X	10'X'+00	-	12'X'+00	RT	300	0.19	300	6	---
	CTH X	10'X'+00	-	12'X'+00	LT	440	0.28	440	8	---
	HAMILTON ST.	10'HA'+00	-	14'HA'40.24	RT	580	0.37	580	11	---
	HAMILTON ST.	10'HA'+00	-	14'HA'40.24	LT	600	0.39	600	11	---
	BURGER LANE	7'BL'+67	-	8'BL'+50	RT	100	0.06	100	2	---
	BURGER LANE	7'BL'+67	-	8'BL'+50	LT	100	0.06	100	2	---
	BURGER LANE	26'BL'+50		30'BL'+00	RT	430	0.28	430	8	---
	BURGER LANE	26'BL'+50		30'BL'+00	LT	470	0.30	470	9	---
	OLD CTH Z	WEST OF 40TH STREET				2900	1.87	2900	53	---
	OLD CTH Z	EAST OF 40TH ST. AND WEST OF CTH X				3600	2.32	3600	66	---
	OLD CTH Z	EAST OF CTH X				2850	1.84	2850	53	---
TOTAL						50060	32	46610	923	350

CONCRETE SIDEWALK

PROJECT ID	LOCATION	STATION	TO	STATION	60204 CONC. SIDEWALK, 4-INCH (SF)	NOTE
9440-02-00	CTH Z	56+00	-	61+50	5400	MEDIAN
	CTH Z	61+50	-	67+50	5700	MEDIAN
TOTAL					11100	

CONSTRUCTION STAKING SCHEDULE

PROJECT ID	LOCATION	65010 SUBGRADE (STA)
9440-02-00	CTH Z	64
	BUS. PARK DR.	1
	40TH STREET	10
	HAMILTON STREET	7
	BURGER LANE	5
TOTAL		87

CONCRETE MEDIAN SLOPED NOSE

PROJECT ID	LOCATION	STATION	OFFSET	62003 (SF)
9440-02-00	CTH Z	61+00	LT	90
	CTH Z	62+00	RT	90
TOTAL				180

ASPHALTIC FLUMES

PROJECT ID	INTERSECTION	QUADRANT	62203 ASPHALTIC FLUMES (SY)
9440-02-00	CTH Z AND CTH X	NW	26
	CTH Z AND CTH X	NE	41
	CTH Z AND CTH X	SW	16
	CTH Z AND CTH X	SE	27
TOTAL			110

SIGNING SCHEDULE (PAGE 1 OF 3)

PROJECT ID	LOCATION	STATION	OFFSET	SIGN NO.	CODE NO.	SIZE (IN X IN)	63702 SIGNS, TYPE II REFLECTIVE (SF)	63412 WOOD POSTS, 4X6-INCH X 16FT (EACH)	90005C STEEL SIGN POSTS, 14-FOOT (EACH)	63827 REMOVING SIGNS, TYPE II (EACH)	63830 REMOVING SMALL SIGN SUPPORTS (EACH)	63822 MOVING SIGNS, TYPE II (EACH)	REMARKS
9440-02-00	CTH Z	46+00	RT	100	W2-1	30 X 30	6.25	1	-	-	-	-	
	CTH Z	46+75	LT	101	M3-4	24 X 12	2.00	-	-	-	-	-	SHARED POST WITH #102
	CTH Z	46+75	LT	102	M1-5A	24 X 24	4.00	1	-	-	-	-	
	CTH Z	54+20	RT	103	W6-1	36 X 36	9.00	1	-	-	-	-	
	CTH Z	54+50	LT	104	W2-1	30 X 30	6.25	1	-	-	-	-	
	CTH Z	56+10	RT	105	M2-1	- X -	0.00	-	-	-	-	1	MOVE FROM 19FT+00
	CTH Z	56+10	RT	110	M1-5A	- X -	0.00	-	-	-	-	1	MOVE FROM 19FT+00
	CTH Z	56+20	---	111	R4-7	24 X 30	5.00	-	1	-	-	-	
	CTH Z	56+45	LT	112	R5-1	30 X 30	6.25	-	-	-	-	-	SHARED POST WITH #113
	CTH Z	56+45	LT	113	W6-2	36 X 36	9.00	1	-	-	-	-	
	CTH Z	57+00	RT	114	W3-1	36 X 36	9.00	1	-	-	-	-	
	CTH Z	57+75	RT	115	R3-8	36 X 30	7.50	1	-	-	-	-	
	CTH Z	57+75	RT	116	R5-9	36 X 24	6.00	-	-	-	-	-	SHARED POST WITH #115
	CTH Z	58+00	LT	119	R5-9	36 X 24	6.00	-	-	-	-	-	SHARED POST WITH #122
	CTH Z	59+00	LT	120	M3-4	24 X 12	2.00	-	-	-	-	-	SHARED POST WITH #121
	CTH Z	59+00	LT	121	M1-5A	24 X 24	4.00	1	-	-	-	-	
	CTH Z	58+00	LT	122	R2-1	- X -	0.00	-	-	-	-	1	MOVE FROM 18FT+40
	CTH Z	62+00	RT	123	M1-5A	- X -	0.00	1	-	-	-	1	MOVE FROM 19X+45
	CTH Z	62+00	RT	124	M6-4	- X -	0.00	1	-	-	-	1	MOVE FROM 19X+45
	CTH Z	61+00	---	125	R4-7	24 X 30	5.00	-	1	-	-	-	SHARED POST WITH #130
	CTH Z	61+00	---	126	R1-4	18 X 6	0.75	-	-	-	-	-	SHARED POST WITH #130
	CTH Z	60+90	RT	127	R1-4	18 X 6	0.75	-	-	-	-	-	SHARED POST WITH #131
	CTH Z	62+00	---	128	R1-4	18 X 6	0.75	-	-	-	-	-	SHARED POST WITH #133
	CTH Z	62+05	LT	129	R1-4	18 X 6	0.75	-	-	-	-	-	SHARED POST WITH #134
	CTH Z	61+00	---	130	R1-1	- X -	0.00	-	-	-	-	1	MOVE FROM 20X+30
	CTH Z	60+90	RT	131	R1-1	- X -	0.00	-	-	-	-	1	MOVE FROM 20X+10
	CTH Z	62+00	---	132	R4-7	24 X 30	5.00	-	1	-	-	-	
	CTH Z	62+00	---	133	R1-1	- X -	0.00	-	-	-	-	1	MOVE FROM 22X+60
	CTH Z	62+05	LT	134	R1-1	- X -	0.00	-	-	-	-	1	MOVE FROM 23X+00
	CTH Z	61+00	LT	135	M1-5A	- X -	0.00	-	-	-	-	1	MOVE FROM 21X+00
	CTH Z	60+90	RT	136	R5-1	30 X 30	6.25	-	-	-	-	-	SHARED POST WITH #131
	CTH Z	62+05	LT	137	R5-1	30 X 30	6.25	-	-	-	-	-	SHARED POST WITH #134
	CTH Z	64+50	RT	138	R5-9	36 X 24	6.00	-	-	-	-	-	SHARED POST WITH #143
	CTH Z	66+00	LT	139	R5-9	36 X 24	6.00	-	-	-	-	-	SHARED POST WITH #144
	CTH Z	61+00	LT	140	R2-1	- X -	0.00	-	-	-	-	1	MOVE FROM 21X+00
	CTH Z	63+50	RT	141	M3-2	24 X 12	2.00	-	-	-	-	-	SHARED POST WITH #142
SUBTOTAL							121.75	10	3	0	0	11	

SIGNING SCHEDULE (PAGE 2 OF 3)

PROJECT ID	LOCATION	STATION	OFFSET	SIGN NO.	CODE NO.	SIZE (IN X IN)	63702 SIGNS, TYPE II REFLECTIVE (SF)	63412 WOOD POSTS, 4X6-INCH X 16FT (EACH)	90005C STEEL SIGN POSTS, 14-FOOT (EACH)	63827 REMOVING SIGNS, TYPE II (EACH)	63830 REMOVING SMALL SIGN SUPPORTS (EACH)	63822 MOVING SIGNS, TYPE II (EACH)	REMARKS
9440-02-00	CTH Z	63+50	RT	142	M1-5A	24 X 24	4.00	1	-	-	-	-	
	CTH Z	64+50	RT	143	R2-1	- X -	0.00	-	-	-	-	1	MOVE FROM 7BL+60
	CTH Z	66+00	LT	144	R3-8	36 X 30	7.50	1	-	-	-	-	
	CTH Z	66+50	LT	145	W3-1	36 X 36	9.00	1	-	-	-	-	
	CTH Z	69+00	LT	150	M2-1	- X -	0.00	-	-	-	-	1	MOVE FROM 69+00
	CTH Z	69+00	LT	151	M1-5A	- X -	0.00	-	-	-	-	1	MOVE FROM 69+00
	CTH Z	67+10	RT	152	W6-2	36 X 36	9.00	-	-	-	-	-	SHARED POST WITH #153
	CTH Z	67+10	RT	153	R5-1	30 X 30	6.25	1	-	-	-	-	
	CTH Z	67+20	---	154	R4+7	24 X 30	5.00	-	1	-	-	-	
	CTH Z	70+00	RT	155	W1-2L	30 X 30	6.25	1	-	-	-	-	
	CTH Z	70+25	LT	160	W6-1	36 X 36	9.00	1	-	-	-	-	
	CTH Z	87+00	RT	161	W2-2	30 X 30	6.25	1	-	-	-	-	
	CTH Z	91+25	LT	162	W1-7	48 X 24	8.00	1	-	-	-	-	
	CTH Z	91+45	LT	163	W1-2R	- X -	0.00	-	-	-	-	1	MOVE FROM 18X+25
	CTH Z	92+00	RT	164	W1-2R	- X -	0.00	-	-	-	-	1	MOVE FROM 19X+90
	CTH Z	95+00	LT	165	W2-2	30 X 30	6.25	1	-	-	-	-	
	CTH Z	96+00	RT	170	W2-2	30 X 30	6.25	1	-	-	-	-	
	BURGER LANE	29BL+50	RT	171	R1-1	36 X 36	7.46	1	-	-	-	-	
	BURGER LANE	29BL+30	LT	172	W14-1	30 X 30	6.25	1	-	-	-	-	
	CTH Z	104+00	LT	173	W2-2	30 X 30	6.25	1	-	-	-	-	
	49TH STREET	25FN+25	VARIES	174	---	18 X 18	2.25	1	-	-	-	-	END OF ROAD MARKERS
	49TH STREET	25FN+25	VARIES	175	---	18 X 18	2.25	1	-	-	-	-	END OF ROAD MARKERS
	49TH STREET	25FN+25	VARIES	176	---	18 X 18	2.25	1	-	-	-	-	END OF ROAD MARKERS
	CTH Z	113+50	LT	181	W1-2L	- X -	0.00	-	-	-	-	1	MOVE FROM 15BL+90
	40TH STREET	9FT+70	RT	182	R1-1	- X -	0.00	-	-	-	-	1	MOVE FROM 16X+75
	40TH STREET	10FT+50	LT	183	R1-1	- X -	0.00	-	-	-	-	1	MOVE FROM 19FT+10
	40TH STREET	11FT+15	RT	184	W1-1R	30 X 30	6.25	1	-	-	-	-	
	40TH STREET	11FT+50	RT	185	R2-1	24 X 30	5.00	1	-	-	-	-	
	40TH STREET	12FT+25	LT	190	W1-6	48 X 24	8.00	1	-	-	-	-	
	40TH STREET	12FT+45	LT	191	W1-6	48 X 24	8.00	1	-	-	-	-	
	40TH STREET	14FT+00	LT	192	W3-1	36 X 36	9.00	1	-	-	-	-	
	40TH STREET	21FT+50	LT	193	W1-3R	30 X 30	6.25	1	-	-	-	-	
	CTH X	4X+00	RT	194	M2-1	21 X 15	2.19	-	-	-	-	-	SHARED POST WITH #195
	CTH X	4X+00	RT	195	M1-5A	24 X 24	4.00	1	-	-	-	-	
	CTH X	5X+00	RT	200	W3-1	36 X 36	9.00	1	-	-	-	-	
	CTH X	6X+50	LT	201	R2-1	- X -	0.00	-	-	-	-	1	MOVE FROM 6BL+00
SUBTOTAL							167.15	24	1	0	0	9	

SIGNING SCHEDULE (PAGE 3 OF 3)

ROJECT ID	LOCATION	STATION	OFFSET	SIGN NO.	CODE NO.	SIZE (IN X IN)			63702 SIGNS, TYPE II REFLECTIVE (SF)	63412 WOOD POSTS, 4X6-INCH X 16FT (EACH)	90005C STEEL SIGN POSTS, 14-FOOT (EACH)	63827 REMOVING SIGNS, TYPE II (EACH)	63830 REMOVING SMALL SIGN SUPPORTS (EACH)	63822 MOVING SIGNS, TYPE II (EACH)	REMARKS
9440-02-00	CTH X	7X+45	LT	202	M3-3	24	X	12	2.00	-	-	-	-	-	SHARED POST WITH #203
	CTH X	7X+45	LT	203	M1-5A	24	X	24	4.00	1	-	-	-	-	
	CTH X	8X+60	RT	204	M1-5A	-	X	-	0.00	-	-	-	-	1	MOVE FROM 20X+25
	CTH X	8X+60	RT	205	M6-4	-	X	-	0.00	-	-	-	-	1	MOVE FROM 20X+25
	CTH X	9X+50	RT	208	R1-4	18	X	6	0.75	-	-	-	-	-	SHARED POST WITH #210
	CTH X	10X+60	LT	209	R1-4	18	X	6	0.75	-	-	-	-	-	SHARED POST WITH #211
	CTH X	9X+50	RT	210	R1-1	-	X	-	0.00	-	-	-	-	1	MOVE FROM 6BL+00
	CTH X	10X+60	LT	211	R1-1	-	X	-	7.46	-	-	-	-	1	MOVE FROM 16X+50
	CTH X	11X+50	LT	212	M1-5A	-	X	-	0.00	-	-	-	-	1	MOVE FROM 20X+25
	CTH X	11X+50	LT	213	M6-4	-	X	-	0.00	-	-	-	-	1	MOVE FROM 20X+25
	CTH X	12X+50	RT	214	M3-1	24	X	12	2.00	1	-	-	-	-	SHARED PST WITH #215
	CTH X	12X+50	RT	215	M1-5A	24	X	24	4.00	1	-	-	-	-	
	CTH X	13X+90	RT	220	R2-1	-	X	-	0.00	-	-	-	-	1	MOVE FROM 16X+20
	CTH X	15X+00	LT	221	W3-1	36	X	36	9.00	1	-	-	-	-	
	CTH X	16X+00	LT	222	M2-1	21	X	15	2.19	-	-	-	-	-	SHARED POST WITH #223
	CTH X	16X+00	LT	223	M1-5A	24	X	24	4.00	1	-	-	-	-	
	HAMILTON ST	10HA+45	LT	224	R1-1	-	X	-	0.00	-	-	-	-	1	MOVE FROM 26FN+10
	HAMILTON ST	10HA+75	RT	225	W14-1	-	X	-	0.00	-	-	-	-	1	MOVE FROM 25FN+60
	HAMILTON ST	13HA+00	RT	230	W1-1L	30	X	30	6.25	1	-	-	-	-	
	HAMILTON ST	14HA+60	RT	231	W1-6	48	X	24	8.00	1	-	-	-	-	
	HAMILTON ST	14HA+65	RT	232	W1-6	48	X	24	8.00	1	-	-	-	-	
	BURGER LANE	7BL+60	LT	233	---	18	X	18	2.25	1	-	-	-	-	END OF ROAD MARKERS
	BURGER LANE	7BL+60	---	234	---	18	X	18	2.25	1	-	-	-	-	END OF ROAD MARKERS
	BURGER LANE	7BL+60	RT	235	---	18	X	18	2.25	1	-	-	-	-	END OF ROAD MARKERS
	CTH Z	104+70	LT	241	R1-1	-	X	-	0.00	-	-	-	-	1	ADJUST IN FIELD
	CTH Z	105+00	LT	242	W14-1	-	X	-	0.00	-	-	-	-	1	ADJUST IN FIELD
	CTH Z	106+60	---	243	W1-8	-	X	-	0.00	-	-	1	1	-	
	CTH Z	107+50	---	244	W1-8	-	X	-	0.00	-	-	1	1	-	
	CTH Z	111+30	LT	245	R2-1	-	X	-	0.00	-	-	-	-	1	ADJUST IN FIELD
	CTH Z	111+30	RT	250	R2-1	-	X	-	0.00	-	-	-	-	1	ADJUST IN FIELD
	CTH X	20X+25	RT	254	M6-3	-	X	-	0.00	-	-	1	-	-	
	CTH X	20X+25	LT	255	M1-5A	-	X	-	0.00	-	-	1	1	-	
	CTH X	20X+25	LT	260	M1-5A	-	X	-	0.00	-	-	1	1	-	
	CTH X	20X+25	LT	261	M6-4	-	X	-	0.00	-	-	1	-	-	
	CTH X	20X+25	LT	262	M6-3	-	X	-	0.00	-	-	1	-	-	
	BURGER LANE	28BL+50	LT	240	W14-3	-	X	-	0.00	-	-	1	1	-	
	BURGER LANE	17BL+80	RT	263	W14-3	-	X	-	0.00	-	-	1	1	-	
	UNDISTRIBUTED								25.95	15	1	3	3	7	
SUBTOTAL									91.10	26	1	12	9	20	
TOTAL									380	60	5	12	9	40	

TRAFFIC CONTROL SCHEDULE

PROJECT	LOCATION	STAGE	DAYS	64313 DRUMS (QTY)	(DAYS)	64323 WARNING LIGHTS TYPE C (QTY)	(DAYS)	64318 BARRI-CADES TYPE III (QTY)	(DAYS)	64321 WARNING LIGHTS TYPE A (QTY)	(DAYS)	64326 SIGNS (QTY)	(DAYS)	64901 TEMP. PAVT. MARKING, 4-INCH (LF)	NOTE
9440-02-00	CTH Z	1	150	-	0	20	3000	20	3000	-	0	9	1350	-	
		2	20	40	800	12	240	12	240	40	800	10	200	15000	5,000' YELLOW / 10,000' WHITE
		3	30	-	0	10	300	10	300	-	0	5	150	4500	1,500' YELLOW / 3,000' WHITE
		1, 2, 3	200	-	0	-	0	-	0	-	0	14	2800	-	ADVANCE SIGNING
TOTAL			200	40	800	42	3540	42	3540	40	800	38	4500	19500	TEMP PAVEMENT MARKING SHALL CONSIST OF A YELLOW CENTER LINE AND WHITE EDGE LINES

PAVEMENT MARKING, EPOXY

PROJECT ID	LOCATION	STATION	TO	STATION	64602 WHITE 4-INCH (LF)	64602 YELLOW 4-INCH (LF)	64618 YELLOW CHANNELIZING, 8-INCH (LF)	64618 WHITE CHANNELIZING, 8-INCH (LF)	64710 WHITE STOP LINE, 18-INCH (LF)	64734 ARROWS, TYPE 2 (EACH)	64758 WORDS (EACH)	64770 YELLOW DIAGONAL, 12-INCH (LF)	64778 CURB (YELLOW) (LF)	64790 YELLOW ISLAND NOSE (EACH)	90031A CONCRETE CORRUGATED MEDIAN, YELLOW (SF)
9440-02-00	CTH Z	46+00	-	57+50	1550	1350	120	-	42	-	-	28	275	1	250
	CTH Z	57+50	-	69+50	2135	250	120	450	64	4	4	28	1740	3	320
	CTH Z	69+50	-	80+00	2100	2100	-	-	-	-	-	-	-	-	-
	CTH Z	80+00	-	92+50	2370	2500	-	-	18	-	-	-	-	-	-
	CTH Z	92+50	-	101+50	1675	1800	-	-	18	-	-	-	-	-	-
	CTH Z	101+50	-	112+00	2100	2100	-	-	-	-	-	-	-	-	-
	CTH X	4+00	-	16+00	480	590	-	-	48	-	-	-	-	-	-
TOTAL					12410	10690	240	450	190	4	4	56	2015	4	570

Acres	Ac.
Access Restriction	A.R.
Access Point	A.P.
Ahead	Ahd.
Back	Bk.
Central Angle	Δ
Center Line	℄
Certified Survey Map	C.S.M.
Company	Co.
Corner	Cor.
County Trunk Highway	C.T.H.
Curve	Cur.
Degree of Curve	D
East	E
Found Iron Pipe	FIP
Found Iron Rod	FIR
Feet	Ft.
House	H.
Left	L
Length of Curve	L=
Long Chord	LC
Long Chord Bearing	L.C.B.
Mile	Mi.
Monument	Mon.
North	N
Northeast	NE
Northwest	NW
Permanent Limited Easement	P.L.E.
Point of Curvature	P.C.
Point of Intersection	P.I.
Point of Tangency	P.T.
Point on Curve	P.O.C.
Point on Tangent	P.O.T.
Property Line	P.L.
Project	Proj.
Radius/Range	R
Reference Line	℄
Remaining	Rem.
Right	R
Right of Way	R/W
Section	Sec.
Shed	S.
South	S
Southeast	SE
Southwest	SW
Square Feet	S.F.
State Trunk Highway	S.T.H.
Station	Sta.
Tangent Length of Curve	T
Temporary Interests	TI
Town	T
United States Highway	U.S.H.
West	W

CONVENTIONAL SIGNS AND ABBREVIATIONS

COUNTY LINE
TOWNSHIP & RANGE LINES
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
EXISTING R/W LINE
NEW R/W LINE
PROPERTY LINE
T.I. LIMITS
ACCESS RESTRICTION
FEE TAKING
PERMANANT LIMITED EASEMENT
HIGHWAY EASEMENT
REMNANT PARCEL
SLOPE INTERCEPT
CORPORATE LIMITS
RAILROAD
COMBUSTIBLE FLUIDS — CN/NGN
BUILDING — TYPE

GAS — G
ELECTRIC — E
TELEPHONE — T
WATER — WTM
SANITARY SEWER — SAN
STORM SEWER — STM
CABLE MARKER
FOUND IRON PIPE
FOUND IRON ROD — FIR

	NON-COMPENSABLE	COMPENSABLE
SERVICE PEDESTAL	⊠	■
POWER POLE	□	■
TELEPHONE POLE	⌀	●
SIGN		⊢
R/W PIPE SET		●

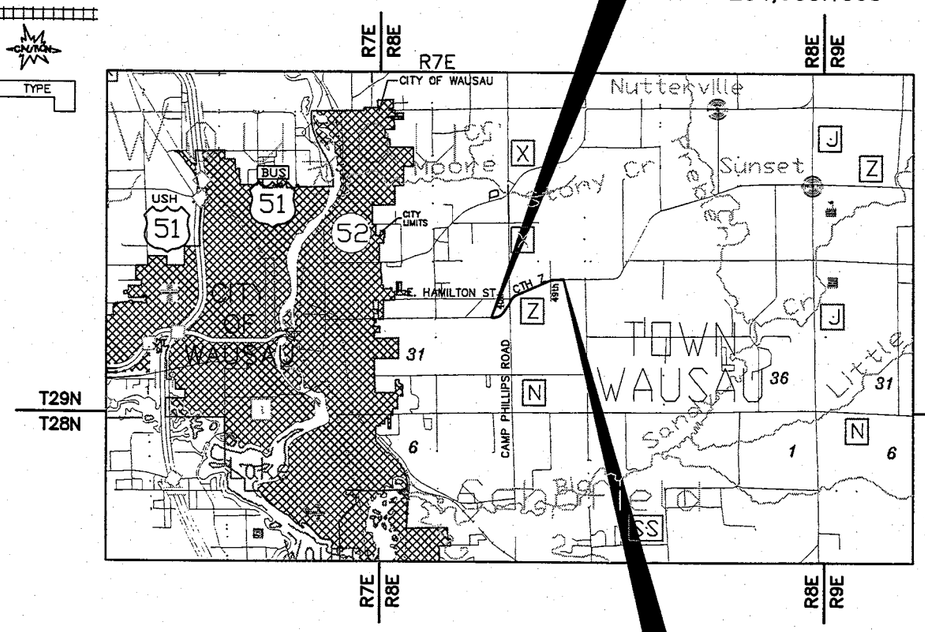
GN

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
9440-02-00		
FEDERAL PROJECT NUMBER	4.0	4.9

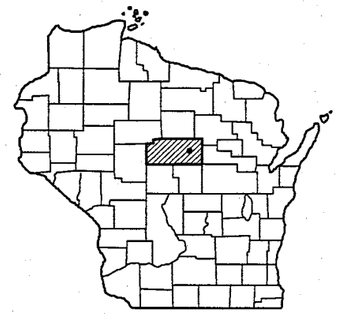
PLAT OF RIGHT OF WAY REQUIRED FOR

SPUR LANE TO N. 52ND STREET
COUNTY TRUNK HIGHWAY "Z"

BEGIN RELOCATION ORDER
STA. 48+50
Y = 203,517.06
X = 294,603.1863



END RELOCATION ORDER
STA. 112+00
Y = 206,146.6562
X = 299187.5004



LAYOUT
SCALE 0 1 Mile FEET

TOTAL NET LENGTH OF CENTERLINE = 1.20 MILES

APPROVED FOR
MARATHON COUNTY

MARATHON COUNTY
HIGHWAY DEPARTMENT

DATE:_____ _____
HIGHWAY COMMISSIONER

ORIGINAL PLAT PREPARED BY

BECHER-HOPPE ASSOCIATES INC.
ENGINEERS ARCHITECTS SCIENTISTS
330 FOURTH ST. P.O. BOX 8000 WAUSAU, WI 54402-8000
Telephone: (715) 845-8000 Fax: (715) 845-8008

NOTES

COORDINATES AND BEARINGS ON THIS PLAT ARE ORIENTED TO THE MARATHON COUNTY IMPERIAL COORDINATE SYSTEM NAD 1983 (91) AND ARE GROUND BASED.

RIGHT OF WAY MONUMENTS ARE TYPE 2 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 LAND SURVEYS OF PUBLIC RECORD.

ALL PARCELS INCLUDED ON THIS PLAT ARE SUBJECT TO THE PROVISIONS OF THE ACCESS MANAGEMENT PLAN APPROVED FOR THE PROJECT BY THE CITY OF WAUSAU.

REVISION DATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED FOR DISTRICT OFFICE:

DATE:_____ _____

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL SQUARE FEET 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.

REVISION DATE	ROUTE	COUNTY	DATE	R/W PROJECT NUMBER	SHEET NUMBER
	CTH Z	MARATHON	06-29-00	9440-02-00	4.1
				FEDERAL PROJECT NUMBER	

SCHEDULE OF LANDS AND INTERESTS REQUIRED

PARCEL NO.	PAGE NO.	OWNER	INTEREST REQUIRED				TOTAL AREA S.F.	REQUIRED NEW R/W S.F.	TOTAL AREA REMAINING S.F.	REQUIRED TI AREA S.F.	REQUIRED PLE AREA S.F.	REQUIRED H.E. AREA S.F.
1	4.3	MICHAEL S. OLSON	FEE	TI	A.R.		118986	1250	117736	4331	0	0
2	4.3–4.4	MICHAEL S. OLSON	FEE	TI	A.R.		547413	24132	523281	1461	0	0
3	4.3–4.4	KENNETH H. BUELT &	FEE	TI	A.R.		1190110	44820	1145290	1172	0	0
		SUSAN L. JENSEN BUELT										
4	4.3–4.4	NORTHWESTERN INVESTMENT CORP.	FEE	–	A.R.		41070	31596	9474	0	0	0
6	4.4	THOMAS C. JERZAK &	FEE	TI			21013	548	20465	1283	0	0
		PATRICIA A. JERZAK										
7	4.4	CLARENCE H. SHELBRACK	FEE	–	A.R.		217731	44222	173509	0	0	0
9	4.4–4.6,4.9	RIVERVIEW CONSTRUCTION, INC.	FEE	TI	A.R.		6391688	259362	6132326	2901	0	0
		A WISCONSIN CORPORATION										
11	4.5,4.6,4.8	ARNOLD R. HAFEMAN	FEE	TI	A.R.		435998	109802	326196	3678	0	0
12	4.6–4.9	NORMAN PRAHL & ADELINE PRAHL	FEE	TI	A.R.		6201847	165313	6036534	4659	0	0
13	4.8	JAMES C. JANKE &	FEE	–			3484800	1089	3483711	0	0	0
		BRENDA B. JANKE										
14	4.8	ALAN L. BREITENFELDT &	FEE	TI			348480	5912	342568	597	0	0
		KATHERINE N. BREITENFELDT										
16	4.7–4.8	MARK J. SPLAINE	FEE	–	A.R.		29762	626	29136	0	0	0
17	4.7	GARY H. DAUL & DEBRA A. DAUL	FEE	TI			827640	3683	823957	4730	0	0
23	4.9	LEON BURGER (TRUSTEE)	FEE	–			381431	330	381101	0	0	0

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.

FILE NAME: HDGN:

REVISION DATE	ROUTE	COUNTY	DATE	R/W PROJECT NUMBER	SHEET NUMBER
	CTH Z	MARATHON	06/29/00	9440-02-00	4.2
	SCALE IN FEET 0 300 600			FEDERAL PROJECT NUMBER	

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

GN

END RELOCATION ORDER

BEGIN RELOCATION ORDER

TOWN OF WAUSAU

CTH "X"

BURGER LANE

(EXISTING CTH "Z")

52nd STREET

49TH STREET

EAST HAMILTON STREET

40TH STREET

DIMSON STREET

(PROPOSED CTH "Z")

(PROPOSED 40TH STREET)

BUSINESS PARK DRIVE

NOTE: ALL PARCELS ARE WITHIN THE TOWN OF WAUSAU.

FILE NAME: P:\sdskpro_j\98017.10\dwg\DESIGN\8017RWLY 09-26-2000 8:32:04 am CST

WISDOT/CADDS SHEET 70

REVISION DATE	ROUTE	COUNTY	DATE	R/W PROJECT NUMBER	SHEET NUMBER
	CTH Z	MARATHON	06/29/00	9440-02-00	4.3
	SCALE IN FEET 0 40 80			FEDERAL PROJECT NUMBER	

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE: 4.3

ORIGINATOR: BHA

NW-SE
29-29-8

N89°19'23"E
200.00'

CSM 6965
V. 26, P. 158

ROBERT HOLSTER

N01°10'54"W
218.00'

PL

218.00'
S01°10'54"E

BEGIN RELOCATION ORDER
STA = 45+00
Y = 203,513.1389
X = 294,253.2082

TERRY HOFFER

200.00'
S89°19'23"W

S89°19'23"W

CL-EXISTING R/W

43+00 44+00 45+00 46+00 47+00 48+00 49+00 50+00 51+00 52+00 53+00 54+00

R/L = EXISTING CL

82.5'

S89°19'23"W

1/16 LINE

CTH Z

NORTHWESTERN INVESTMENT CORPORATION

SW-SE
29-29-8

COORDINATES

POINT NO.	STATION	OFFSET	NORTHING	EASTING
RW 1	STA 49+93.48	53.97' L.	203572.64	294746.04
RW 2	STA 10°40th'+98.48	32.64' L.	203617.65	294789.89
RW 3	STA 12°40th'+29.19	79.08' L.	203798.14	294788.47
RW 6	STA 49+87.38	34.53' R.	203482.81	294633.61
RW 7	STA 49+87.38	34.53' R.	203484.07	294740.95
RW 8	STA 9°8'+15.39	32.97' L.	203434.67	294791.34
RW 9	STA 51+29.08	75.73' L.	203596.72	294880.06
RW 10	STA 12°40th'+56.32	28.01' R.	203733.20	294878.98
RW 12	STA 9°8'+15.64	33.03' R.	203435.45	294857.33
RW 13	STA 51+37.89	50.00' R.	203471.29	294892.47
RW 20	STA 53+29.47	50.00 L.	203576.75	295081.11

COURSE TABLE

COURSE	BEARING	DISTANCE
RW 6-RW 7	N 89°19'23" E	107.35'
RW 7-RW 8	N 45°33'53" W	70.57'
RW 12-RW 13	S 44°26'07" W	50.19'

EXISTING RIGHT OF WAY SHOWN IS BASED ON INFORMATION FROM MARATHON COUNTY PLAT MAPS, CERTIFIED SURVEY MAPS, DEEDS AND OTHER SURVEY INFORMATION.

S01°25'18"E
1/16 LINE

KENNETH H. BUELT
SUSAN L. BUELT
③

GN

GAS LINE EASEMENT
GTE NORTH INCORPORATED
DOCUMENT NO. 901972
VOLUME 497, PAGE 89
75'

PL

RW 3

PI = 10°40th'+98.48
N=203617.65
E=294820.89

NE-SE
29-29-8

ALIGNMENT CURVE DATA
Δ = 89°58'08"
R = 80.00'
T = 79.96'
L = 125.62'
LC = 113.11'
LCB = N44°20'21"E

KENNETH H. BUELT
SUSAN L. BUELT
③

SLOPE INTERCEPT

FD. PK NAIL
N=204818.45
E=295871.72

2642.04'

N89°19'25"E

NEW R/W

448.61'

40TH STREET

13+00 14+00 15+00

33'
66'
33'

180.49'
NEW R/W
PL

12.00

N89°19'25"E
NEW R/W
SLOPE INTERCEPT
330.80'

STA: 12°79.45
39.45 R (TI)

RW 10

STA: 12°42.99
41.00 R (TI)

PC=11+66.04
N=203685.57
E=294821.77
90°

KENNETH H. BUELT
SUSAN L. BUELT
③

EXISTING R/W

SEVERED PARCEL
1.05 ACRES

ROAD TO BE OBLITERATED

RW 2

VARIES VARIES

SLOPE INTERCEPT

N 00°27'09" W

S 00°27'09" E

NEW R/W

11.00

RW 9

RW 20

④

NEW R/W

N44°14'55"E
62.84'

RW 1

SLOPE INTERCEPT

R = 1103.75'
L = 136.25'

50+70.47
=10°8P'=00.00

460.13' EXISTING R/W

90°00'00"

10.00'

R = 1186.37'

1113.10'

1047.10'

1272.96' S89°19'23"W

50+00 51+00 52+00 53+00 54+00

86.0'

100'

50'

50'

41.22'

EXISTING R/W

VARIES

VARIES

192.86'

142.86'

S89°19'23"W

EXISTING R/W

50.00'

50.00'

NEW R/W

SLOPE INTERCEPT

33'

EXISTING R/W

SECTION LINE
1321.02'

STA 54+00
MATCHLINE

SEE SHEET 4.4

STA: 48+44.85
59.61 R (TI)

25'
TI

RW 6

PL

SLOPE INTERCEPT

RW 7

STA: 49+98.19
59.53 R (TI)

16.

TI

RW 8

STA: 9+01.27
32.97 L (TI)

LOT 1

MICHAEL S. OLSON
①

214.84'
EXISTING R/W
9.00

BUSINESS PARK DRIVE

188.47'
PL

STA: 54+52.31
50.00 R (TI)

RW 13

RW 12

STA: 9+01.47
33.03 R (TI)

CSM 6384
V. 24-P. 2

50.00'
50.00'

50.00'
50.00'

NEW R/W

SLOPE INTERCEPT

10'
TI

S01°25'18"E
1/16 LINE

VARIES VARIES

66'

164.84'

138.47'

MICHAEL S. OLSON
②

CSM 10726
V. 44-P. 168

8.00

75'
GAS LINE EASEMENT

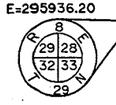
NO0°27'09"W

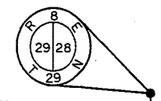
NO0°27'09"W

SE-SE
29-29-8

FD. PK NAIL
N=202177.20
E=295936.20

S01°23'54"E





FILE NAME: P:\sdskproj\98017.10\dwg\DESIGN\8017RV01 09-26-2000 8:36:20 am CST

WISDOT/CADDS SHEET 70

REVISION DATE	ROUTE	COUNTY	DATE	R/W PROJECT NUMBER	SHEET NUMBER
	CTH Z	MARATHON	06/29/00	9440-02-00	4, 4
	SCALE IN FEET 0 40 80			FEDERAL PROJECT NUMBER	

FD. PK NAIL
N=204818.45
E=295871.72

EXISTING RIGHT OF WAY SHOWN IS BASED ON INFORMATION FROM MARATHON COUNTY PLAT MAPS, CERTIFIED SURVEY MAPS, DEEDS AND OTHER SURVEY INFORMATION.

GN

COORDINATES

POINT NO.	NORTHING	EASTING
RW 4	203803.43	295237.04
RW 5	203825.85	295330.57
RW 11	203737.11	295209.76
RW 14	203480.25	295204.46
RW 15	203464.90	295553.81
RW 16	203467.86	295804.67
RW 17	203418.46	295855.88
RW 18	203337.86	295857.85
RW 19	203338.27	295874.85
RW 21	203580.20	295201.59
RW 22	203597.83	295451.98
RW 23	203602.05	295511.90
RW 24	203604.89	295552.16
RW 25	203607.83	295801.25
RW 26	203658.40	295850.03
RW 27	203737.74	295848.09
RW 28	203738.15	295865.08
RW 29	203339.88	295940.83
RW 30	203340.30	295957.82
RW 31	203439.63	295955.40
RW 32	203441.39	296104.13
RW 33	203936.17	295443.63
RW 34	203819.75	295446.50
RW 35	203881.04	295505.01
RW 36	204007.58	295501.88
RW 37	203739.76	295931.06
RW 38	203740.18	295948.06
RW 39	203639.59	295950.51
RW 40	203641.37	296101.77

COURSE TABLE

COURSE	BEARING	DISTANCE
RW 17 – RW 18	S01°23'54"E	80.63'
RW 18 – RW 19	N88°36'06"E	17.00'
RW 27 – RW 28	S88°36'06"E	17.00'
RW 29 – RW 30	N88°36'06"E	17.00'
RW 37 – RW 38	N88°36'06"E	17.00'

CURVE DATA

CURVE NO.	FROM POINT – TO POINT	PARCEL NO. FROM	PARCEL NO. TO	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	RW 4–RW 5	3–6		217.00'	96.99'	96.18'	N76°31'11"E
C1–3		3		217.00'	42.44'	42.36'	N83°43'18"E
C1–6		6		217.00'	54.55'	54.41'	N70°55'04"E

FD. PK NAIL
N=202177.20
E=295936.20

SEE SHEET 4.9
STA 54+00 MATCHLINE SEE SHEET 4.3
STA 66+00 MATCHLINE

PLOT SCALE: 1:1
PLOT NAME: sht1.dwg
REV. DATE:
ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\DESIGN\8017RW02 09-26-2000 9:53:26 am CST

REVISION DATE	ROUTE	COUNTY	DATE	R/W PROJECT NUMBER	SHEET NUMBER
	CTH Z	MARATHON	06/29/00	9440-02-00	4.5
	SCALE IN FEET 0 40 80			FEDERAL PROJECT NUMBER	

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

COURSE TABLE

COURSE	BEARING	DISTANCE
RW 35 – RW 36	S04°10'07"E	20.00'

COORDINATES

POINT NO.	NORTHING	EASTING
RW 33	203461.03	296603.93
RW 34	203506.03	296603.40
RW 35	203510.75	297003.37
RW 36	203480.75	297003.72
RW 41	203597.86	296652.32
RW 42	203602.45	297041.33

CURVE DATA

CURVE NO.	PARCEL NO. FROM	TO	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	9–11		950.00'	1481.05'	1335.56'	N44°39'43"E
C1–9	9		950.00'	899.79'	866.53'	N62°11'25"E
C2	9		1050.00'	64.01'	64.00'	N87°34'40"E
C3	9		1070.00'	642.00'	632.41'	N68°38'34"E

SECTION LINE

FD. PK NAIL
N=204818.45
E=295871.72

GN

STA 69+00.00
50.00' L.
RW 41

RIVERVIEW CONSTRUCTION, INC. ⑨

STA 72+89.04
50.00' L.
RW 42

SLOPE INTERCEPT

S85°28'53"E

552.27' NEW R/W

N89°19'27"E NEW R/W 389.04'

R=950.00' L=1481.05' C1–9

STA 66+00 MATCHLINE
SEE SHEET 4.4

S01°23'54"E

750.01'

N89°19'27"E R/L = CL OF R/W

N89°48'43"E

1321.10'

N84°07'47"E NEW R/W 552.27'

SW–SW
28–29–8

RW 33 STA 69+00.00
50.00' R.

SLOPE INTERCEPT

STA 72+89.04
50.00' R.
RW 34

STA 73+50.00
50.00' R.
RW 35

STA 73+50.00
70.00' R.
RW 36

RIVERVIEW CONSTRUCTION, INC. ⑨

FD. PK NAIL
N=202177.20
E=295936.20

EXISTING RIGHT OF WAY SHOWN IS BASED ON INFORMATION FROM MARATHON COUNTY PLAT MAPS, CERTIFIED SURVEY MAPS, DEEDS AND OTHER SURVEY INFORMATION.

PROPOSED CTH Z

NE–SW
28–29–8

RIVERVIEW CONSTRUCTION, INC. ⑨

NW–SW
28–29–8

STA: 75+00.00
50.00' L (11)

STA: 75+00.00
55.00' L (11)

NEW R/W

1/16 LINE

SE–SW
28–29–8

ALIGNMENT CURVE DATA
Δ = 89°19'27"
R = 1000.00'
T = 988.27'
L = 1559.00'
LC = 1405.85'
LCB = N44°39'43"E

NOT TO SCALE
90°40'53"
N00°00'00"E
N89°19'27"E
PI=82+77.31
N=205564.11
E=298030.13

CURVE DATA

CURVE NO.	PARCEL NO. FROM	TO	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1–11	11		950.00'	581.26'	572.24'	N17°31'42"E
C4	9–11		1050.00'	942.94'	911.57'	N25°43'37"E
C4–9	9		1050.00'	192.16'	191.89'	N46°12'40"E
C4–11	11		1050.00'	750.59'	734.89'	N20°29'03"E

STA: 78+00.00
55.00 L (11)

STA: 78+00.00
50.00 L (11)

STA 78+00 MATCHLINE

NEW R/W

SLOPE INTERCEPT

RIVERVIEW CONSTRUCTION, INC. ⑨

NE–SW
28–29–8

CSM 8039
V.30–P.262

GN

S01°45'55"E 822.14'

PL

965.00'

1/16 LINE

ARNOLD R. HAFEMAN ⑪

R=950.00' L=1481.05' C1–11

R=1070.00' C3

L=642.00'

STA 79+50.00
70.00' R.
RW 43

STA: 79+50.00
55.00 R (11)

STA 79+50.00
50.00' R.
RW 44

C4–11

R=1050.00'

L=942.94'

S26°18'16"W

SEVERED REMNANT
PARCEL 0.25 ACRES

519.90'

S89°47'58"W

415.00'

RIVERVIEW CONSTRUCTION, INC. ⑨

1/16 LINE

PROPOSED CTH Z

COORDINATES

POINT NO.	NORTHING	EASTING
RW 43	203715.53	297696.89
RW 44	203731.17	297684.43
RW 45	204552.39	298080.13
RW 49	204552.39	297980.13

1/16 LINE

NEW R/W

SECTION LINE

N00°00'00"E 666.58'

2158.43'

NE–SW
28–29–8

SLOPE INTERCEPT

STA 88+48.04
50.00' L.
RW 49

N89°41'58"E 277.39'

203.59'

466.33'

STA: 90+37.26
50.00 R (11)

CSM 8039
V.30–P.202

STA: 88+00.00
50.00 R (11)

STA: 88+00.00
55.00 R (11)

RW 45 STA 88+48.04
50.00' R.

NE–SW
28–29–8

ARNOLD R. HAFEMAN ⑪

FD. 1" IRON PIPE
N=204832.22
E=298496.44

COURSE TABLE

COURSE	BEARING	DISTANCE
RW 43 – RW 44	N38°32'46"W	20.00'

WISDOT/CADDS SHEET 70

41

FILE NAME: P:\sdskpro_j\98017.10\dwg\DESIGN\8017RW03 02-08-2000 1:56:01 pm CST

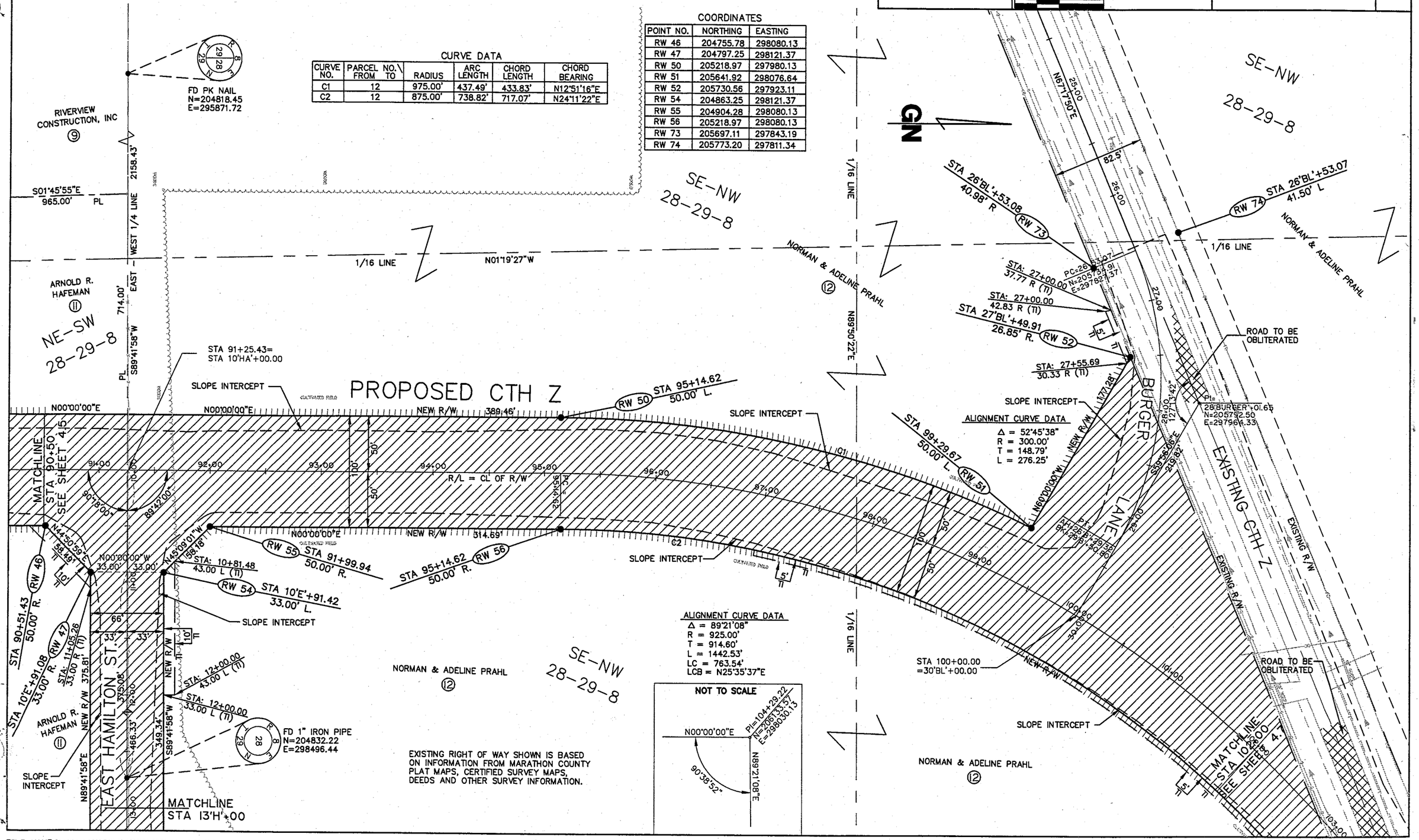
REVISION DATE	ROUTE	COUNTY	DATE	R/W PROJECT NUMBER	SHEET NUMBER
	CTH Z	MARATHON	6/29/00	9440-02-00	4.6
	SCALE IN FEET 0 40 80			FEDERAL PROJECT NUMBER	

CURVE DATA

CURVE NO.	PARCEL NO. FROM TO	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	12	975.00'	437.49'	433.83'	N12°51'16"E
C2	12	875.00'	738.82'	717.07'	N24°11'22"E

COORDINATES

POINT NO.	NORTHING	EASTING
RW 46	204755.78	298080.13
RW 47	204797.25	298121.37
RW 50	205218.97	297980.13
RW 51	205641.92	298076.64
RW 52	205730.56	297923.11
RW 54	204863.25	298121.37
RW 55	204904.28	298080.13
RW 56	205218.97	298080.13
RW 73	205697.11	297843.19
RW 74	205773.20	297811.34



ALIGNMENT CURVE DATA
Δ = 52°45'38"
R = 300.00'
T = 148.79'
L = 276.25'

ALIGNMENT CURVE DATA
Δ = 89°21'08"
R = 925.00'
T = 914.60'
L = 1442.53'
LC = 763.54'
LCB = N25°35'37"E

NOT TO SCALE
PI=104+29.22 N=206133.57 E=298030.13
N00°00'00"E
N89°21'08"E
90°38'52"

EXISTING RIGHT OF WAY SHOWN IS BASED ON INFORMATION FROM MARATHON COUNTY PLAT MAPS, CERTIFIED SURVEY MAPS, DEEDS AND OTHER SURVEY INFORMATION.

PLOT SCALE: 1:1
PLOT NAME: sht1.dwg
REV. DATE:
ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\DESIGN\8017RW04 09-26-2000 10:31:32 am CST

WISDOT/CADDS SHEET 70

REVISION DATE	ROUTE	COUNTY	DATE	R/W PROJECT NUMBER	SHEET NUMBER
	CTH Z	MARATHON	6/29/00	9440-02-00	4.7
	SCALE IN FEET 0 40 80			FEDERAL PROJECT NUMBER	

CURVE DATA

CURVE NO.	PARCEL NO. FROM	PARCEL NO. TO	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	12		966.25'	34.82'	34.82'	N58°47'07"E
C2	17		966.25'	277.29'	276.34'	N81°07'52"E

COORDINATES

POINT NO.	NORTHING	EASTING
RW 64	206036.18	298439.56
RW 65	206054.23	298469.34
RW 66	206142.55	298671.17
RW 67	206185.16	298944.20
RW 68	206186.58	299069.75
RW 75	205970.45	298496.20
RW 76	205994.80	298554.36
RW 77	206104.30	299084.56

FD. PK NAIL
N=207448.45
E=298438.42

NE-NW
28-29-8

SE-NW
28-29-8

NW-NE
28-29-8

SW-NE
28-29-8

GN

1/16 LINE

1308.44'
N01°16'14"W
N-S 1/4 LINE

PL

EXIST. R/W

N89°22'31"E 203.75'

STA: 105+00.09
80.34' L (TI)

STA: 104+91.98
86.03' L (TI)

STA: 104+69.37
41.25' L (TI)

L = 34.82'
R = 966.25'

STA 104+47.00
41.25' L.
RW 64

NORMAN & ADELINE PRAHL
(12)

EXISTING TELEPHONE EASEMENT, VOL. 497, PAGE 82

SLOPE INTERCEPT

EXISTING R/W

16.5'

ROAD TO BE OBLITERATED

CL

86.13'
N01°16'14"W

STA 104+80.34
41.25' L.
RW 65

STA: 104+57.40

104+00
105+00
106+00
107+00
108+00
109+00
110+00
111+00
112+00
113+00

R/L

CL OF EXISTING R/W

GARY H. & DEBRA A. DAUL
(17)

STA 106+91.70
41.25' L.
RW 66

STA: 106+81.33
51.25' L (TI)

EXISTING TELEPHONE EASEMENT, VOL.62, PAGE 310

SLOPE INTERCEPT

TI
10'

1/16 LINE
EXISTING R/W

R = 966.25'
C2

STA 109+57.15
41.25' L.
RW 67

NEW R/W

STA 110+82.71
41.25' L.
RW 68

N89°21'08"E
125.55'

38.55'
N89°22'31"E

R
L
NEW R/W
1495.55'
13.92'

STA: 111+35.08
51.29' L (TI)

N01°13'26"W

STA: 111+35.18
41.29' L (TI)

PL

CHARLES W. JOHNSON

CSM 4909
V. 18, P. 77
LOT 1

END RELOCATION ORDER
STA 112+00
Y = 206146.6562
X = 299187.5004

415.00'
N89°

41.25'

82.5'

AH 106.57
BK 13+43.82

PI
L = 644.76'

VARIES
100.33'

R = 1413.05'
L = 296.63'

CTH Z

EXISTING R/W

STA: 107+30.81
59.08' R

SLOPE INTERCEPT

JEFFREY & LISA COLE
CSM 3314
V. 12, P. 184

STA: 110+40.38
42.29' R

RW 77
STA 110+96.59
41.19' R

N89°22'31"E
267.99'

S01°16'14"E

S01°16'36"E

63.04'
N67°11'11"E
72.17'

RW 76
STA 105+26.56
51.78' R

RW 75
STA 104+60.49
44.47' R

NEW R/W

PL

MARK SPLAINE, JR.
(16)

N89°22'31"E
241.54'
250.05'

GEORGE R. & MARGARET L. KLEIN

LAVERNE & JEAN SPRINGER
CSM 363 PARCEL 1
V. 2, P. 113
PARCEL 2

S. MARSHALL ST.
STA 102+00
L. A. "G"

49th STREET

EXISTING R/W
24.00'
NEW R/W
25.00'
2616.88'
N01°16'14"W
1174.86'

NORMAN & ADELINE PRAHL
(12)

FD. PK NAIL
N=204832.22
E=298496.44

CSM 4118
V. 15, P. 116

EXISTING RIGHT OF WAY SHOWN IS BASED ON INFORMATION FROM MARATHON COUNTY PLAT MAPS, CERTIFIED SURVEY MAPS, DEEDS AND OTHER SURVEY INFORMATION.

PLOT NAME: sht1.dwg PLOT SCALE: 1:1
REV. DATE:
ORIGINATOR: BHA

4/3

FILE NAME: P:\sdskproj\98017.10\dwg\DESIGN\8017RW06 09-26-2000 11:10:24 am CST

WISDOT/CADDS SHEET 70

REVISION DATE	ROUTE	COUNTY	DATE	R/W PROJECT NUMBER	SHEET NUMBER
	CTH Z	MARATHON	06/29/00	9440-02-00	4.8
	SCALE IN FEET 0 40 80			FEDERAL PROJECT NUMBER	

NE-SW 28-29-8

EAST HAMILTON STREET

STA 13+00 MATCHLINE

NEW R/W

EAST - WEST 1/4 LINE

SLOPE INTERCEPT

(11) ARNOLD R. HAFEMAN

FD. 1" IRON PIPE N=204832.22 E=298496.44

CURVE DATA

CURVE NO.	PARCEL NO. FROM TO	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING
C1	12	50.00'	76.79'	69.46'	S43°59'42"E

ALIGNMENT CURVE DATA
Δ = 93°50'57"
R = 30.00'
T = 32.09'
L = 49.14'
LC = 43.83'
LCB = N42°46'32"E

STA 14'49th'+92.34 29.28' L. RW 53

PC=14+40.24 N=204832.08 E=298470.36

PI= 15'49th+76.80 N=204951.40 E=298493.80

PT= AH E= 15+89.36 PC = 15+64.24 PI = 15+89.36 PT = 15+89.36 BK = 15+89.36 AH E = 15+89.36

PL S01°16'27"E

N00°25'23"E 132.94'

EXISTING R/W

NEW R/W N01°16'14"W

S01°16'14"E

18+00 R/L= CL OF R/W 20+00

49th STREET

NORTH - SOUTH 1/4 LINE

695.58' 695.45'

944.61'

121.39' EXISTING R/W 2616.88'

NEW R/W

367.53'

71.97'

75.41'

SLOPE INTERCEPT

STA 14'49th'+62.98 56.76' R. RW 48

PI= 14'49th'+72.33 N=204832.25 E=298502.45

RW 59

STA 14'49th'+73.27 36.27' R.

STA 14+73.67 38.06' R (T1)

RW 60

STA 14'49th'+71.44 29.24' R.

STA 15+44.93 31.93' R (T1)

STA 15+60 2.95' R (T1)

10' T1

ALIGNMENT CURVE DATA
Δ = 02°52'42"
R = 500.00'
T = 12.56'
L = 25.12'
LC = 25.12'
LCB = N02°42'35"W

(14) ALAN & KATHERINE BREITENFELDT

(13) JAMES C. & BRENDA B. JANKE

NW-SE 28-29-8

EAST - WEST 1/4 LINE

N89°41'58"E

SE-NW 28-29-8

NORMAN & ADELINE PRAHL (12)

HSE 1407

STA 21'49th'+52.57 25.00' R. RW 61

SW-NE 28-29-8

535.24'

526.74'

GEORGE R. & MARGARET L. KLEIN

HSE 1503

CSM 4118 V. 15, P. 116

STA 25'49th'+20.10 25.00' R. RW 62

STA 104+60.49 44.47' R. RW 63

CTH Z

STA 103+00 MATCHLINE SEE SHEET 4.7

SLOPE INTERCEPT

STA 102+95.66 50.00' R. RW 57

STA: 102+96.45 55.00 R (T1)

3°00'00"RT

N67°17'W

STA 24'49th'+35.58 25.00' L. RW 58

16.86

N89°22'31"E

FD. 1" IRON PIPE N=207448.45 E=298438.42

241.54'

260.05'

(16) MARK SPLAINE, JR.

S01°16'36"E

JEFFREY & LISA COLE

S81°08'25"E

CSM 3314 V. 12, P. 184

COURSE TABLE

COURSE	BEARING	DISTANCE
RW 48 - RW 59	S01°16'27"E	33.00'
RW 59 - RW 60	S89°41'58"W	8.00'

COORDINATES

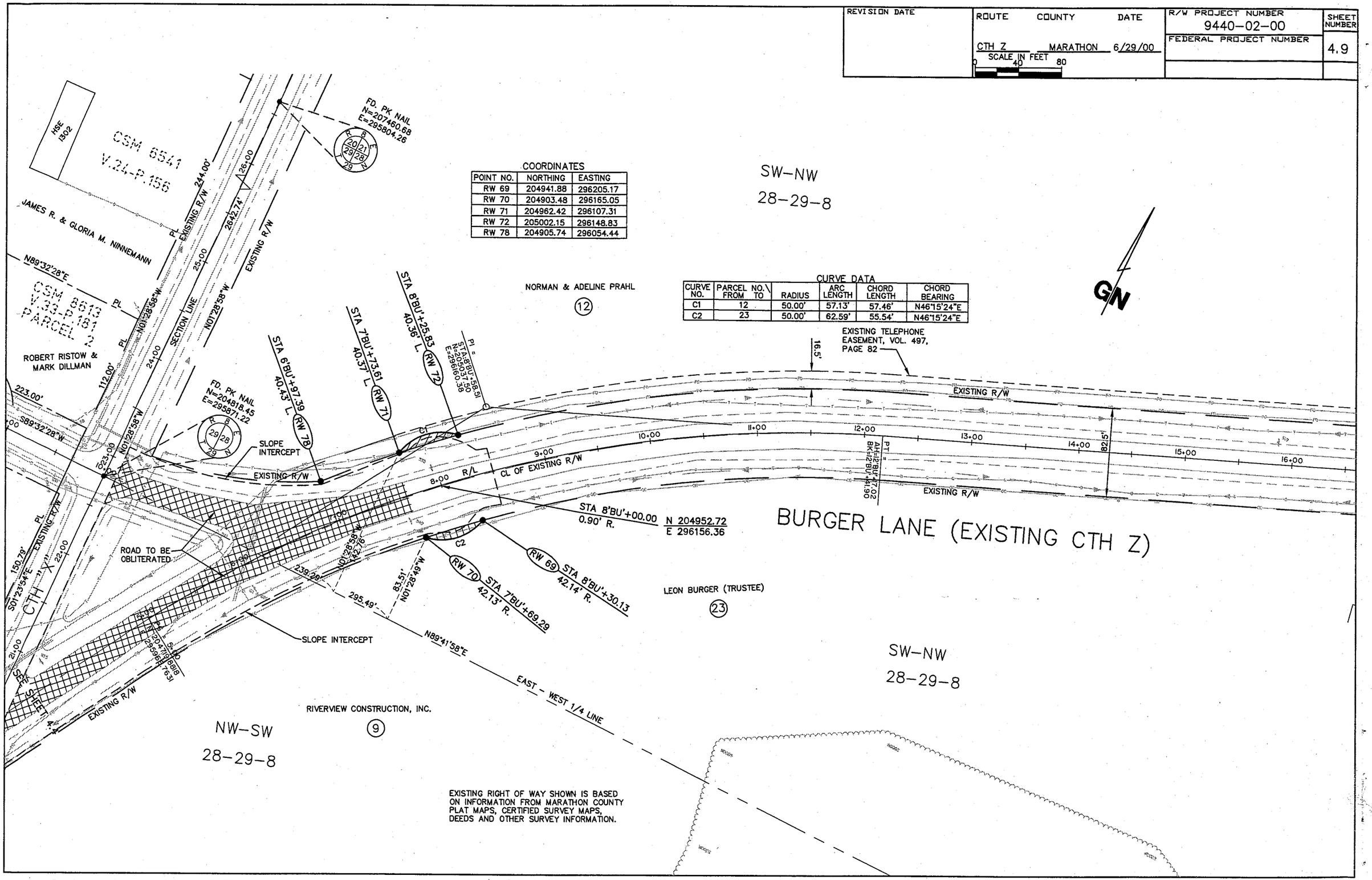
POINT NO.	NORTHING	EASTING
RW 48	204799.39	298530.18
RW 53	204865.08	298470.71
RW 57	205873.07	298373.95
RW 58	205809.46	298449.76
RW 59	204832.39	298529.45
RW 60	204832.35	298521.45
RW 61	205527.26	298505.47
RW 62	205895.07	298497.44
RW 63	205970.45	298496.20

EXISTING RIGHT OF WAY SHOWN IS BASED ON INFORMATION FROM MARATHON COUNTY PLAT MAPS, CERTIFIED SURVEY MAPS, DEEDS AND OTHER SURVEY INFORMATION.

PLOT SCALE: 1:1
PLOT NAME: sht1.dwg
REV. DATE:
ORIGINATOR:
FILE NAME: P:\sdskproj\98017.10\dwg\DESIGN\8017RW05 02-09-2000 11:34:38 am CST

REVISION DATE	ROUTE	COUNTY	DATE	R/W PROJECT NUMBER	SHEET NUMBER
	CTH Z	MARATHON	6/29/00	9440-02-00	4.9
	SCALE IN FEET 0 40 80			FEDERAL PROJECT NUMBER	

PLOT SCALE: 1:1
PLOT NAME: sht1.dwg
REV. DATE:
ORIGINATOR: BHA



FILE NAME: P:\sdskproj\98017.10\dwg\DESIGN\8017RW08 09-26-2000 2:36:29 pm CST

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

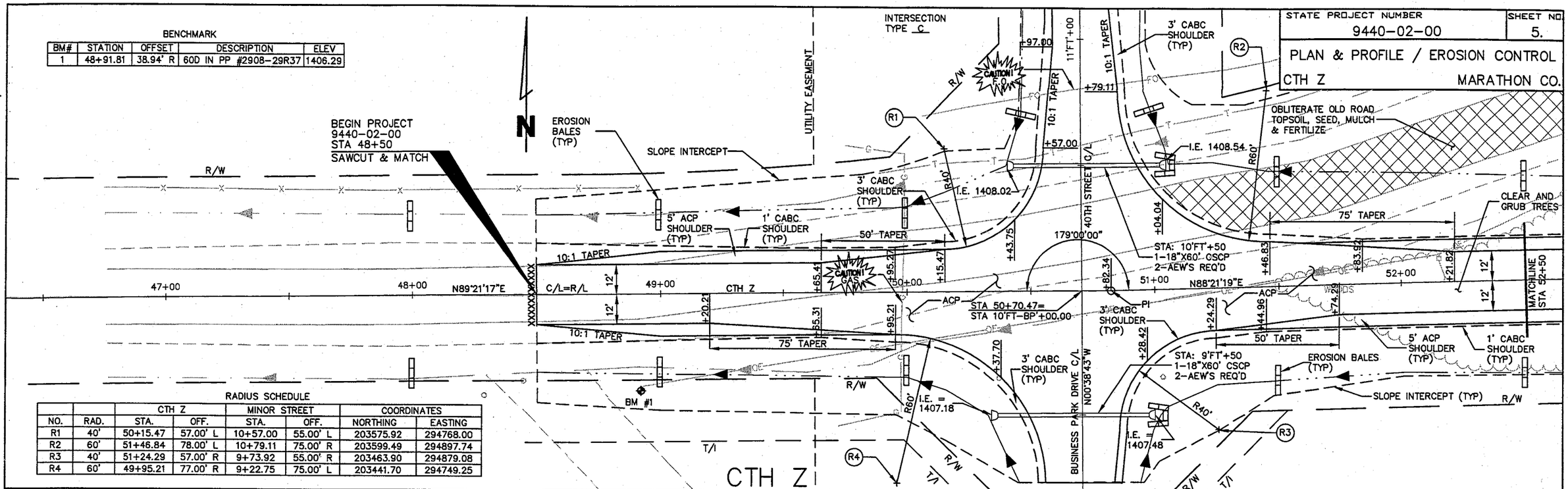
CTH Z MARATHON CO.

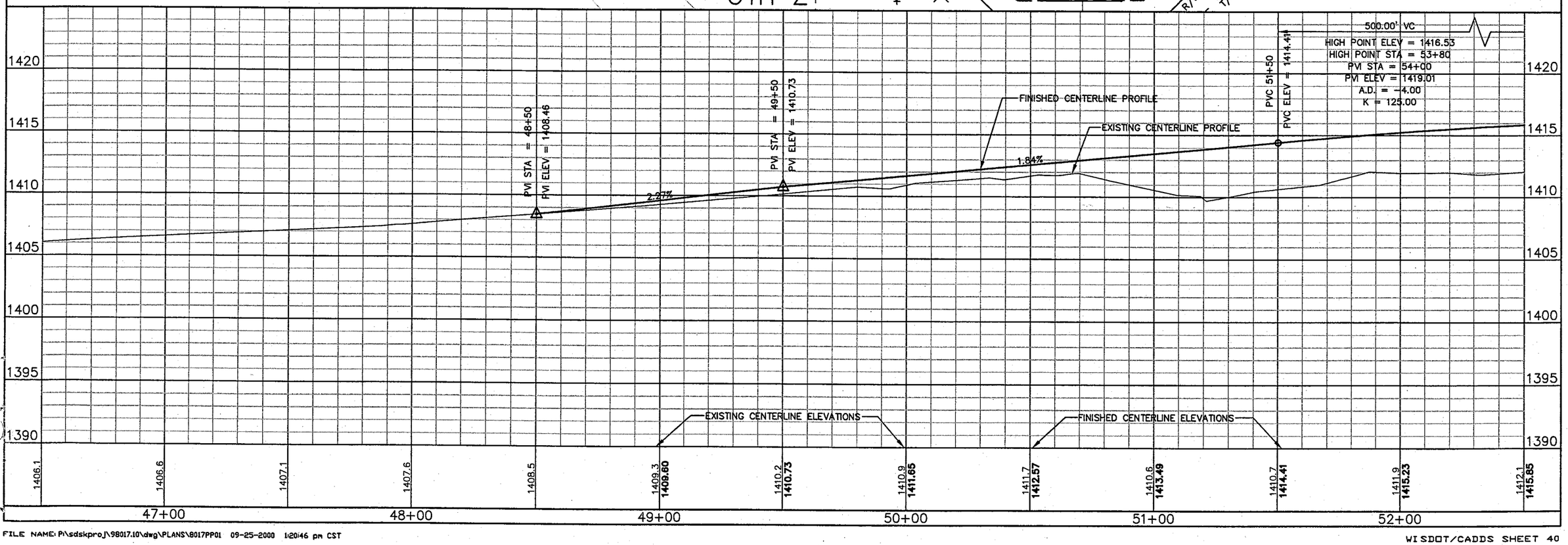
BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
1	48+91.81	38.94' R	60D IN PP #2908-29R37	1406.29

RADIUS SCHEDULE

		CTH Z		MINOR STREET		COORDINATES	
NO.	RAD.	STA.	OFF.	STA.	OFF.	NORTHING	EASTING
R1	40'	50+15.47	57.00' L	10+57.00	55.00' L	203575.92	294768.00
R2	60'	51+46.84	78.00' L	10+79.11	75.00' R	203599.49	294897.74
R3	40'	51+24.29	57.00' R	9+73.92	55.00' R	203463.90	294879.08
R4	60'	49+95.21	77.00' R	9+22.75	75.00' L	203441.70	294749.25





PLOT NAME: 8017PP01 PLOT SCALE: 1:1 REV. DATE: ORIGINATOR: BH

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP01 09-25-2000 1:20:46 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

OBLITERATE OLD ROAD TOPSOIL, SEED, MULCH & FERTILIZE

WOODS

R/W

PL

N

SLOPE INTERCEPT

EROSION BALES (TYP)

VARIABLE WIDTH CONCRETE CORRUGATED MEDIAN (SEE DETAIL)

CONC. CURB TYPE J (TYP)

CONC. SIDEWALK, 4"

179°1'52"

20:1 TAPER

MATCHLINE STA 52+50

53+00

N88°21'19"E

54+00

CTH Z

55+00

C/L=R/L

56+00

N89°19'27"E

57+00

58+00

10:1 TAPER

ACP

12'

+82.20

+81.99

PI = 54+81.80

+82.37

+16.37

+22.09

+22.10

+72.39

14'

20'

6.00'

9.40'

CONC. MEDIAN SLOPED NOSE

20:1 TAPER

MATCHLINE STA 58+50

5' ACP SHOULDER (TYP)

1' CABC SHOULDER (TYP)

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
1	48+90	40' R	60D IN PP#2908-29R37	1406.29
7	7'X'+05	110' L	60D IN PP#2908-29R26	1407.14

CTH Z

HIGH POINT ELEV = 1416.53
HIGH POINT STA = 53+80
PVI STA = 54+00
PVI ELEV = 1419.01
A.D. = -4.00
K = 125.00
500.00' VC

PVI STA = 59+00
PVI ELEV = 1408.21
A.D. = 1.30
K = 153.96
200.00' VC

PVT 56+50
PVT ELEV = 413.61

PVC 58+00
PVC ELEV = 1410.37

FINISHED CENTERLINE PROFILE

EXISTING CENTERLINE PROFILE

-2.16%

EXISTING CENTER LINE ELEVATIONS

FINISHED CENTERLINE ELEVATIONS

53+00	54+00	55+00	56+00	57+00	58+00
1412.1 1415.85	1412.5 1416.27	1412.4 1416.49	1412.7 1416.51	1412.8 1416.33	1412.7 1415.85
1412.5 1415.37	1412.2 1414.59	1411.9 1413.61	1411.9 1412.53	1411.7 1411.45	1411.1 1410.37
1410.6 1409.37					

1425 1420 1415 1410 1405 1400 1395

PLOT SCALE: 1:1

PLOT NAME: 8017PP02

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP02 09-25-2000 1:24:51 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

INTERSECTION TYPE B1

I.E. 1401.13

R/W

SLOPE INTERCEPT

5' ACP SHOULDER (TYP)

1' CABC SHOULDER (TYP)

100' TAPER

3' CABC SHOULDER (TYP)

CONCRETE MEDIAN SLOPED NOSE

STA: 61+05.49
OFFSET: 6.00 L

CONC. SIDEWALK, 4"

CONC. CURB, TYPE J

10:1 TAPER

N89°19'27"E

MATCHLINE 58+50

MATCHLINE STA 64+50

CTH Z C/L=R/L

CTH X C/L=R/L

N01°23'54"W

STA. 9'X'+24
1-24" X 76' CMCP
WITH 2-AEW'S REQ'D

STA. 10'X'+88
1-24" X 76' CSCP
WITH 2-AEW'S REQ'D

STA: 61+94.56
OFFSET: 6.01 R

STA: 61+50.00=
STA: 10'X'+00.00

CONCRETE MEDIAN SLOPED NOSE

CONCRETE CURB & GUTTER 36-INCH, TYPE D (TYP)

CONCRETE CURB 6-INCH, TYPE J

40' TAPER

DEPRESS CURB HEAD AT FLUME (SEE DETAIL)

EROSION BALES (TYP)

SILT FENCE (TYP)

ASPHALTIC FLUME (TYP) (SEE DETAIL)

I.E. 1400.37

I.E. 1401.18

I.E. 1401.94

WOODS

NO.	RADIUS	CTH Z STA.	CTH Z OFF.	CTH X STA.	CTH X OFF.	COORDINATES NORTHING	COORDINATES EASTING
R1	50'	60+83.90	86.00' L	10+86.84	65.00' L	203624.24	295835.86
R2	50'	62+23.03	77.01' L	10+76.08	74.00' R	203616.88	295975.08
R3	50'	62+16.08	96.00' R	9+13.18	65.00' R	203453.81	295970.05
R4	50'	60+76.96	77.00' R	9+23.94	74.00' L	203461.17	295830.83

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
1	48+90	40' R	60D IN PP#2908-29R37	1406.29
7	7'X'+05	110' L	60D IN PP#2908-29R26	1407.14

PVI STA = 59+00
PVI ELEV = 1408.21
A.D. = 1.30
K = 153.96
200.00' VC

PVT 60+00
PVT ELEV = 1407.35

PVI STA = 61+35
PVI ELEV = 1406.19

PVI STA = 61+65
PVI ELEV = 1406.09

PVC 62+25
PVC ELEV = 1405.49

PVI STA = 64+00
PVI ELEV = 1403.74
A.D. = -2.52
K = 138.89
350.00' VC

-0.86%

-0.33%

-1.00%

FINISHED CENTERLINE PROFILE

EXISTING CENTERLINE PROFILE

EXISTING CENTERLINE ELEVATIONS

FINISHED CENTERLINE ELEVATIONS

1410.6	1409.37	1409.9	1408.54	1409.0	1407.86	1407.7	1407.35	1406.6	1406.92	1405.9	1408.49	1406.2	1406.14
1401.3	1405.74	1392.3	1405.22	1390.6	1404.54	1389.9	1403.68	1390.5	1402.64	1389.8	1401.42		

59+00 60+00 61+00 62+00 63+00 64+00

1420 1415 1410 1405 1400 1395 1390

PLOT NAME: 8017PP03 PLOT SCALE: 1:1 REV. DATE: ORIGINATOR: BH

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP03 09-25-2000 1:27:32 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

1.40 LOWER

CULTIVATED FIELD

R/W

SLOPE INTERCEPT

N

MATCHLINE STA 64+50

+57.72

26'

65+00

10:1 TAPER

+77.82

14'

+27.67

20'

66+00

10'

PCC MEDIAN (SEE DETAIL)

CONC. CURB TYPE J (TYP)

24:1 TAPER

CONC. MEDIAN SLOPED NOSE

67+00

+27.75

N89°19'27"E

CONC. SIDEWALK, 4"

+67.75

6'

68+00

CTH Z C/L=R/L

69+00

+16.54

12'

70+00

ACP

MATCHLINE STA 70+50

5' ACP SHOULDER (TYP)

1' CABC SHOULDER (TYP)

EROSION BALES (TYP)

SILT FENCE (TYP)

SLOPE INTERCEPT

R/W

CULTIVATED FIELD

CTH Z

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
7	7'X'+05	110' L	60D IN PP#2908-29R26	1407.14
8	82+75	78' R	60D IN 8" WHITE BIRCH	1387.37

350.00' VC
PVI STA = 64+00
PVI ELEV = 1403.74
A.D. = -2.52
K = 138.89

PVI 65+75
PVI ELEV = 1397.58

PVC 66+75
PVC ELEV = 1394.06

-3.52%

PVI STA = 68+50
PVI ELEV = 1387.90
A.D. = 3.04
K = 115.13
350.00' VC

PVI 70+25
PVI ELEV = 1387.06

-0.48%

FINISHED CENTERLINE PROFILE

EXISTING CENTERLINE PROFILE

EXISTING CENTERLINE ELEVATIONS

FINISHED CENTERLINE ELEVATIONS

65+00	66+00	67+00	68+00	69+00	70+00
1389.8 1401.42	1389.9 1400.02	1388.7 1398.44	1388.5 1396.70	1387.7 1394.94	1387.2 1393.21
1386.5 1391.66	1385.9 1390.34	1385.5 1389.23	1385.1 1388.34	1384.5 1387.66	1383.9 1387.21
1383.6 1386.94					

PLOT SCALE: 1:1

PLOT NAME: 8017PP04

REV. DATE:

ORIGINATOR: BHA

49

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP04 09-25-2000 1:30:46 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z — MARATHON CO.

CULTIVATED FIELD

WOODS

FORESTED WETLAND

WETLAND

CURVE TABLE
Δ = 89°19'27"
R = 1000.00'
T = 988.27'
L = 1559.00'
LCB = N44°39'43"E
LC = 1405.85'
SE = 6.0%

N

R/W

T/A

SLOPE INTERCEPT

MATCHLINE STA 70+50

71+00

12'

12'

N89°19'27"E

72+00 CTH Z C/L=R/L

73+00

74+00

75+00

76+00

MATCHLINE STA 76+50

STA. 76+00, 35.7' L
CONCRETE ELLIPTICAL
ENDWALLS WITH RIPRAP
I.E. 1377.52 (SEE DETAIL)

STA: 76+00
TWO 43"X68"X76' CLASS IV
HORIZONTAL ELLIPTICAL
CULVERT PIPES

STA. 76+00, 48.0' R
CONCRETE ELLIPTICAL
ENDWALLS WITH RIPRAP
I.E. 1377.11 (SEE DETAIL)

EROSION BALES (TYP)

SILT FENCE (TYP)

PC = 72+89.04

ACP

5' ACP SHOULDER (TYP)

1' CABC SHOULDER (TYP)

SLOPE INTERCEPT

R/W

CULTIVATED FIELD

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
7	7'X'+05	110' L	60D IN PP#2908-29R26	1407.14
8	82+75	78' R	60D IN 8" WHITE BIRCH	1387.37

CTH Z

1395
1390
1385
1380
1375
1370
1365

400.00' VC
LOW POINT ELEV = 1384.97
LOW POINT STA = 75+20
PVI STA = 76+00
PVI ELEV = 1384.30
A.D. = 1.60
K = 250.00

PVC 74+00
PVC ELEV = 1385.26

FINISHED CENTERLINE PROFILE

EXISTING CENTERLINE PROFILE

-0.48%

10:1

MARSH EXCAVATION (TYP)

EXISTING CENTERLINE ELEVATIONS

FINISHED CENTERLINE ELEVATIONS

71+00	72+00	73+00	74+00	75+00	76+00
1383.6 / 1386.94	1383.3 / 1386.70	1383.5 / 1386.46	1383.8 / 1386.22	1382.8 / 1385.98	1381.8 / 1385.74
1380.8 / 1385.50	1379.7 / 1385.28	1378.7 / 1385.07	1377.9 / 1384.98	1377.5 / 1384.99	1377.4 / 1385.10
1377.5 / 1385.31					

PLOT NAME: 8017PP05
PLOT SCALE: 1:1
REV. DATE:
ORIGINATOR: BK

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP05 09-25-2000 1:34:28 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
7	7'X'+05	110' L	60D IN PP#2908-29R26	1407.14
8	82+75	78' R	60D IN 8" WHITE BIRCH	1387.37

CURVE TABLE
Δ = 89°19'27"
R = 1000.00'
T = 988.27'
L = 1559.00'
LCB = N44°39'43"
LC = 1405.85'
SE = 6.0%

STA. 81+00, 27.0' L
CONCRETE APRON ENDWALL
FOR HORIZONTAL ELLIPTICAL
CULVERT PIPE, 14" X 23"
I.E. 1385.49

14"X23"X56' CLASS IV
HORIZONTAL ELLIPTICAL
CULVERT PIPE

STA. 81+00, 37.0' R
CONCRETE APRON ENDWALL
FOR HORIZONTAL ELLIPTICAL
CULVERT PIPE, 14" X 23"
I.E. 1385.81

MATCHLINE STA 76+50

MATCHLINE STA 82+50

SLOPE INTERCEPT

1' CABC SHOULDER (TYP)

5' ACP SHOULDER (TYP)

EROSION BALES (TYP)

SILT FENCE (TYP)

ACP

T/I

R/W

PI

WOODS

FORESTED WETLAND

WETLAND

77+00 78+00 79+00 80+00 81+00 82+00

12'

12'

CTH Z C/L=R/L

CTH Z

400.00' VC
LOW POINT ELEV = 1384.97
LOW POINT STA = 75+20
PVI STA = 76+00
PVI ELEV = 1384.30
A.D. = 1.60
K = 250.00

PVT 78+00
PVT ELEV = 1386.54

100.00' VC
PVI STA = 81+00
PVI ELEV = 1389.90
A.D. = -0.80
K = 125.00

PVC 80+50
PVC ELEV = 1389.34

PVT 81+50
PVT ELEV = 1390.06

1.12%

0.32%

FINISHED CENTERLINE PROFILE

EXISTING CENTERLINE PROFILE

MARSH EXCAVATION (TYP)

10:1

EXISTING CENTERLINE ELEVATIONS

FINISHED CENTERLINE ELEVATIONS

1395 1390 1385 1380 1375 1370 1365

77+00	78+00	79+00	80+00	81+00	82+00
1377.5 1385.31	1377.7 1385.62	1378.5 1386.03	1379.5 1386.54	1380.4 1387.10	1382.8 1387.66
1383.3 1388.22	1384.2 1388.78	1385.1 1389.34	1385.5 1389.80	1386.0 1390.06	1386.5 1390.22
1386.8 1390.38					

PLOT NAME: 8019PP06 PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP06 09-25-2000 1:36:29 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
6	14'HA'+75	40' R	60D IN 12" MAPLE	1385.06
8	82+75	78' R	60D IN 8" WHITE BIRCH	1387.37

CURVE TABLE
Δ = 89°19'27"
R = 1000.00'
T = 988.27'
L = 1559.00'
LCB = N44°39'43"
LC = 1405.85'
SE = 6.0%

SLOPE INTERCEPT
SILT FENCE (TYP)
R/W
FORESTED WETLAND
STA. 85+00, 27.0' L CONCRETE APRON ENDWALL FOR HORIZONTAL ELLIPTICAL CULVERT PIPE, 14" X 23" I.E. 1386.91
MATCHLINE STA 82+50
83+00
ACP
84+00
14"X23"X61' CLASS IV HORIZONTAL ELLIPTICAL CULVERT PIPE
85+00
12'
12'
5' ACP SHOULDER (TYP)
1' CABC SHOULDER (TYP)
CTH Z C/L=R/L
86+00
87+00
EROSION BALES (TYP)
88+00
PT = 88+48.04
MATCHLINE STA 88+50
R/W
T/I
SLOPE INTERCEPT
STA. 85+00, 42.0' R CONCRETE APRON ENDWALL FOR HORIZONTAL ELLIPTICAL CULVERT PIPE, 14" X 23" I.E. 1385.88
5' ACP SHOULDER (TYP)
1' CABC SHOULDER (TYP)
BM #8
WOODS
CTH Z

200.00' VC
PVI STA = 88+00
PVI ELEV = 1392.14
A.D. = 0.80
K = 250.00
PVC 87+00
PVC ELEV = 1391.82
FINISHED CENTERLINE PROFILE
0.32%
EXISTING CENTERLINE PROFILE
10:1
MARSH EXCAVATION (TYP)
EXISTING CENTERLINE ELEVATIONS
FINISHED CENTERLINE ELEVATIONS

1400	1395	1390	1385	1380	1375	1370

83+00	84+00	85+00	86+00	87+00	88+00
1386.8 / 1390.38	1387.3 / 1390.54	1386.6 / 1390.70	1386.3 / 1390.86	1386.7 / 1391.02	1387.0 / 1391.18	1386.9 / 1391.34	1387.3 / 1391.50	1387.6 / 1391.66	1388.5 / 1391.82	1389.1 / 1392.03	1390.0 / 1392.34	1390.8 / 1392.75

PLOT NAME: 8017PP07 PLOT SCALE: 1:1 REV. DATE: ORIGINATOR: SH

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP07 09-25-2000 1:38:28 pm CST

WISDOT/CADDS SHEET 40

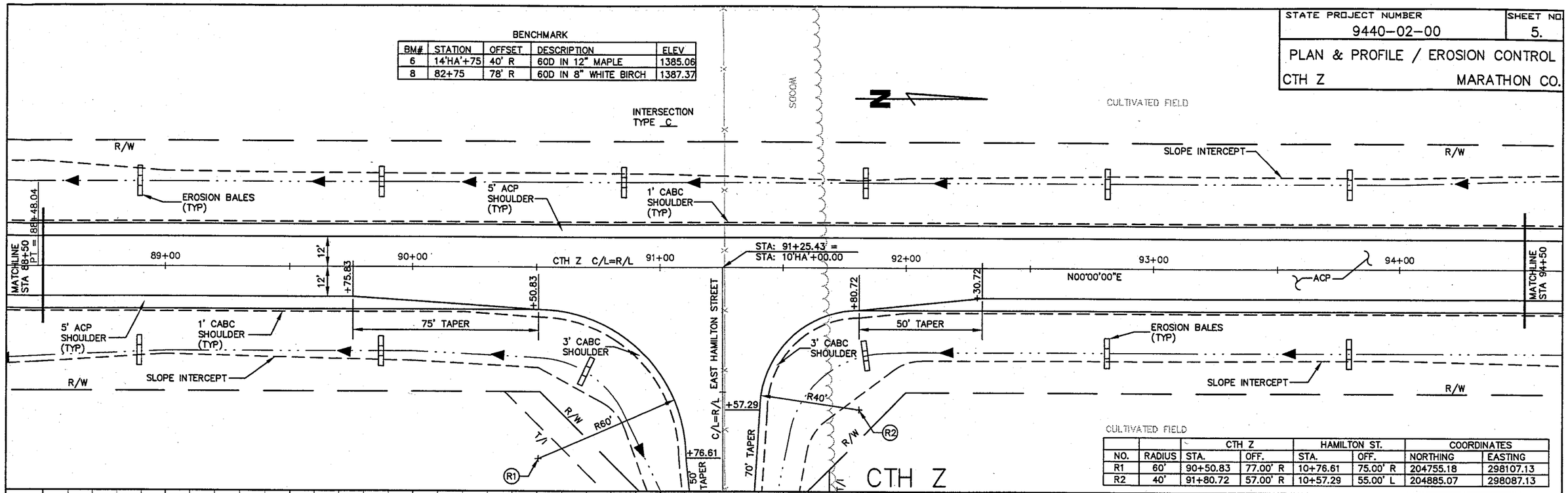
STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

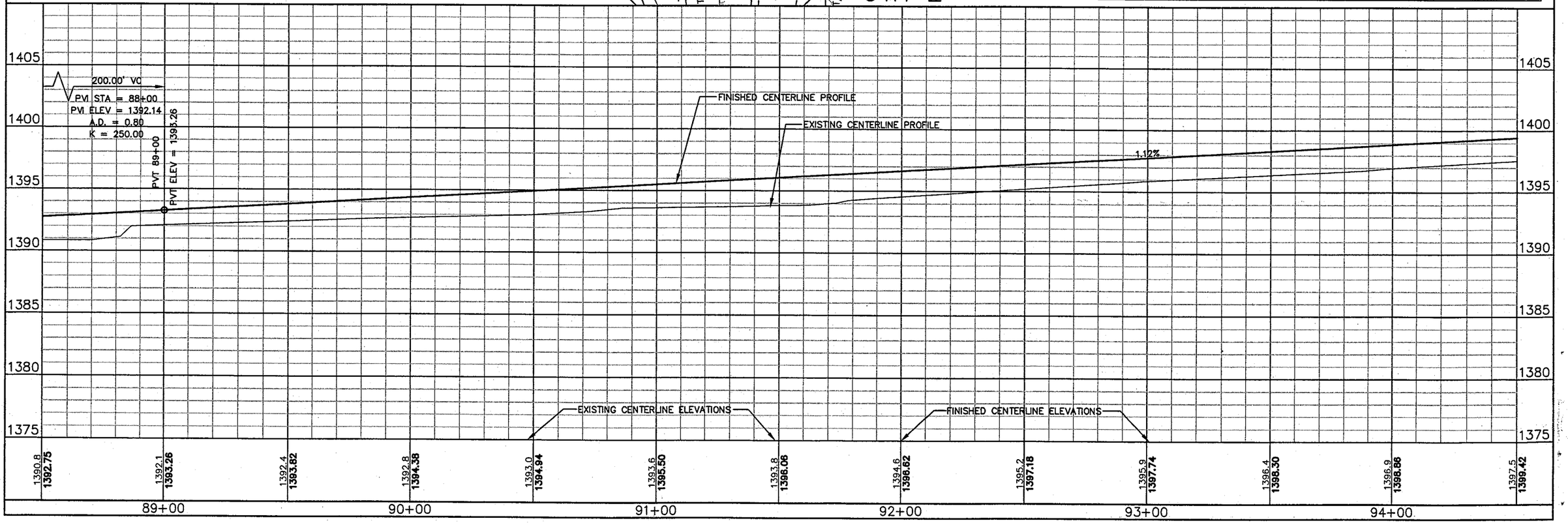
BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
6	14'HA'+75	40' R	60D IN 12" MAPLE	1385.06
8	82+75	78' R	60D IN 8" WHITE BIRCH	1387.37



CULTIVATED FIELD

		CTH Z		HAMILTON ST.		COORDINATES	
NO.	RADIUS	STA.	OFF.	STA.	OFF.	NORTHING	EASTING
R1	60'	90+50.83	77.00' R	10+76.61	75.00' R	204755.18	298107.13
R2	40'	91+80.72	57.00' R	10+57.29	55.00' L	204885.07	298087.13



PLOT NAME: 8019PP08 PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

53

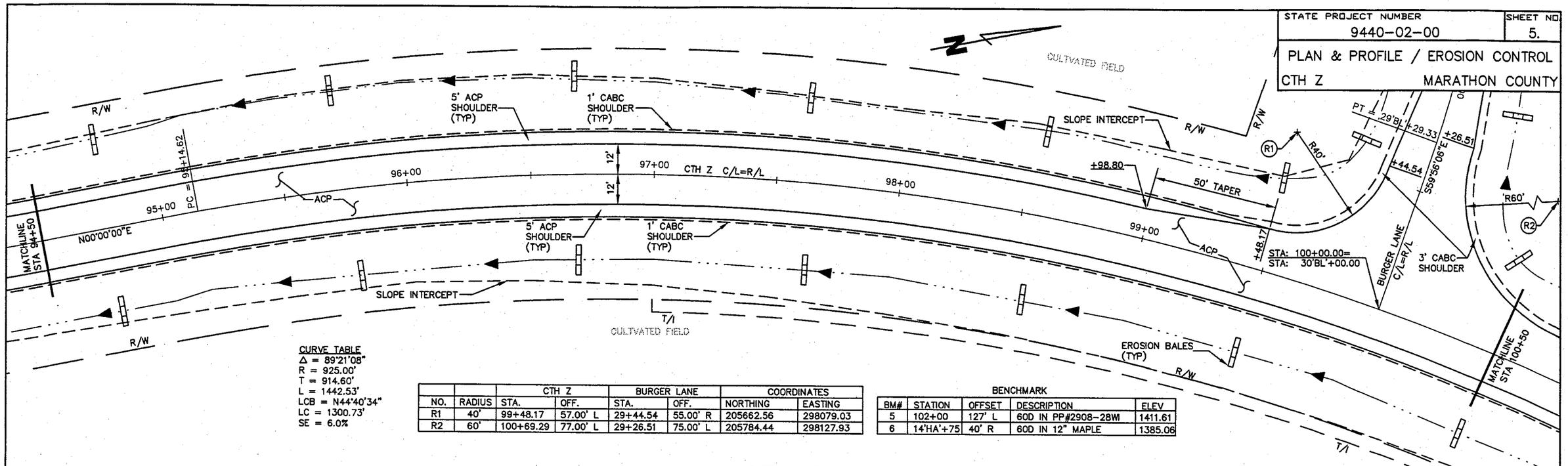
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP08 09-25-2000 1:44:10 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON COUNTY



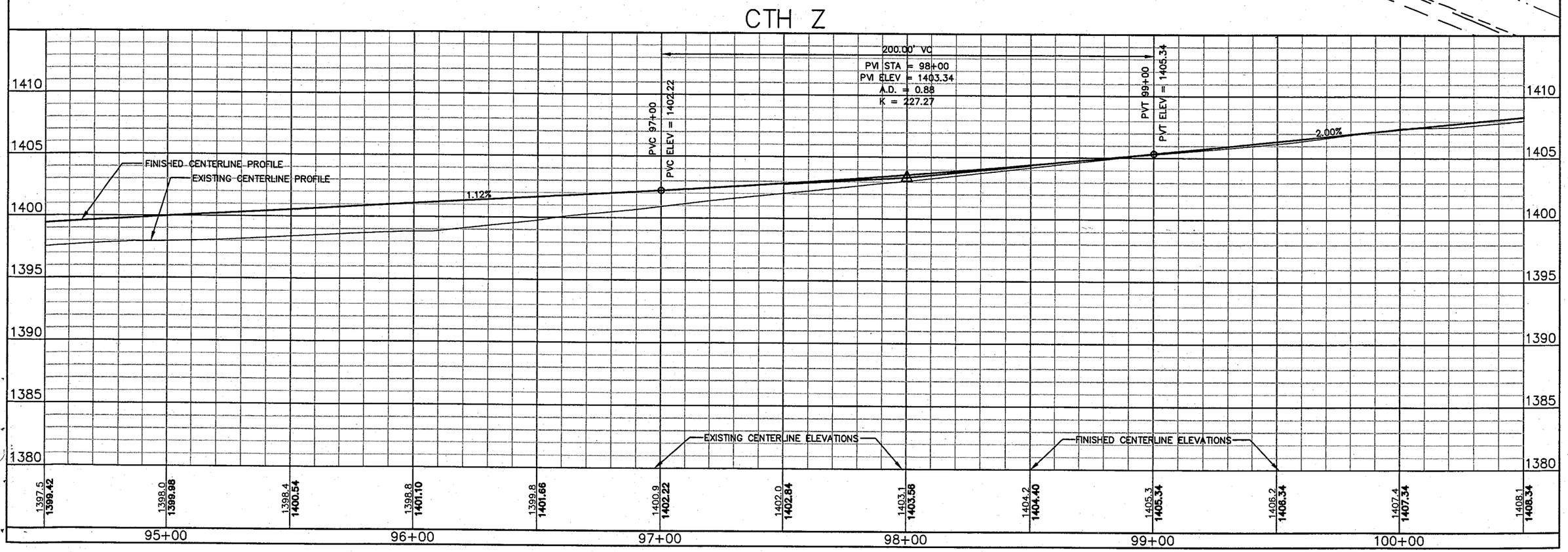
CURVE TABLE
Δ = 89°21'08"
R = 925.00'
T = 914.60'
L = 1442.53'
LCB = N44°40'34"
LC = 1300.73'
SE = 6.0%

		CTH Z		BURGER LANE		COORDINATES	
NO.	RADIUS	STA.	OFF.	STA.	OFF.	NORTHING	EASTING
R1	40'	99+48.17	57.00' L	29+44.54	55.00' R	205662.56	298079.03
R2	60'	100+69.29	77.00' L	29+26.51	75.00' L	205784.44	298127.93

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
5	102+00	127' L	60D IN PP#2908-28WI	1411.61
6	14'HA'+75	40' R	60D IN 12" MAPLE	1385.06

CTH Z



PLOT NAME: 8019PP09 PLOT SCALE: 1:1 REV. DATE: ORIGINATOR: BK

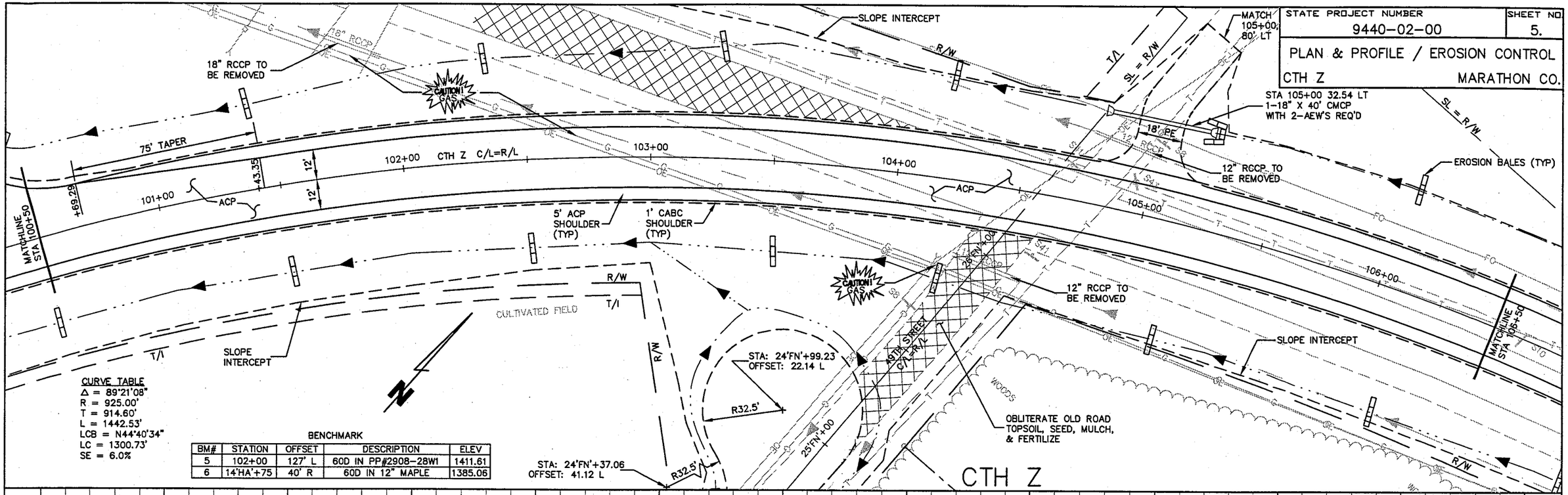
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP09 09-25-2000 1:47:53 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

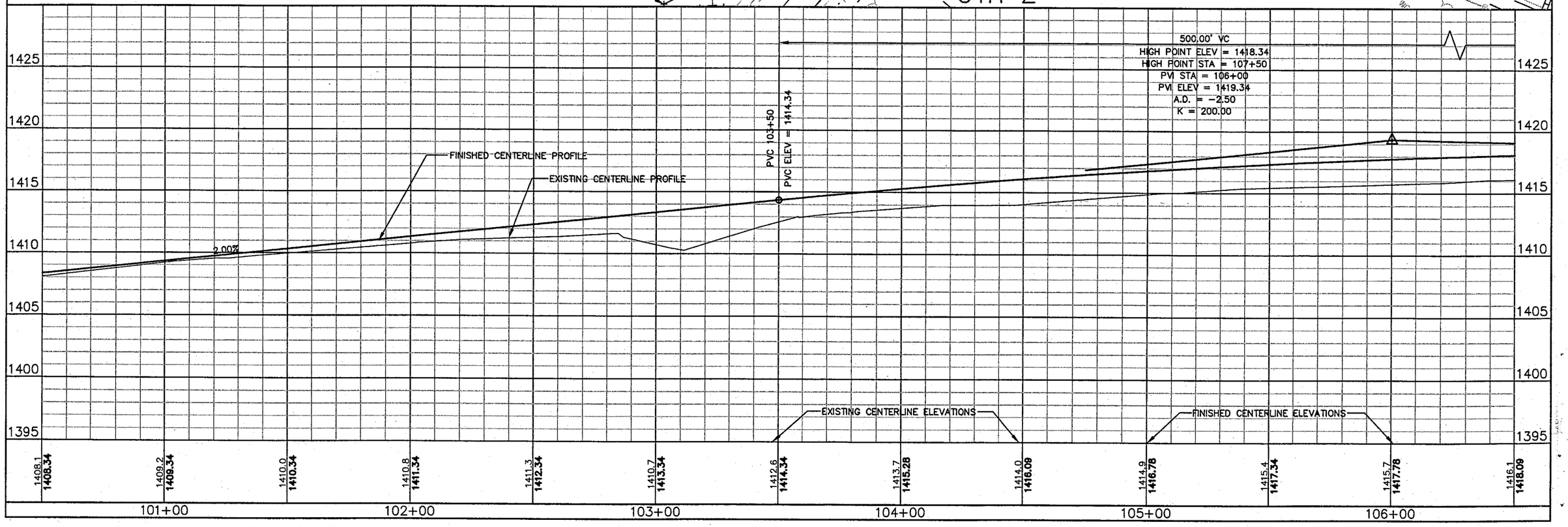
CTH Z MARATHON CO.



CURVE TABLE
Δ = 89°21'08"
R = 925.00'
T = 914.60'
L = 1442.53'
LCB = N44°40'34"
LC = 1300.73'
SE = 6.0%

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
5	102+00	127' L	60D IN PP#2908-28W1	1411.61
6	14'HA'+75	40' R	60D IN 12" MAPLE	1385.06



PLOT SCALE: 1:1

PLOT NAME: 8017PP10

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP10 09-25-2000 1:49:54 pm CST

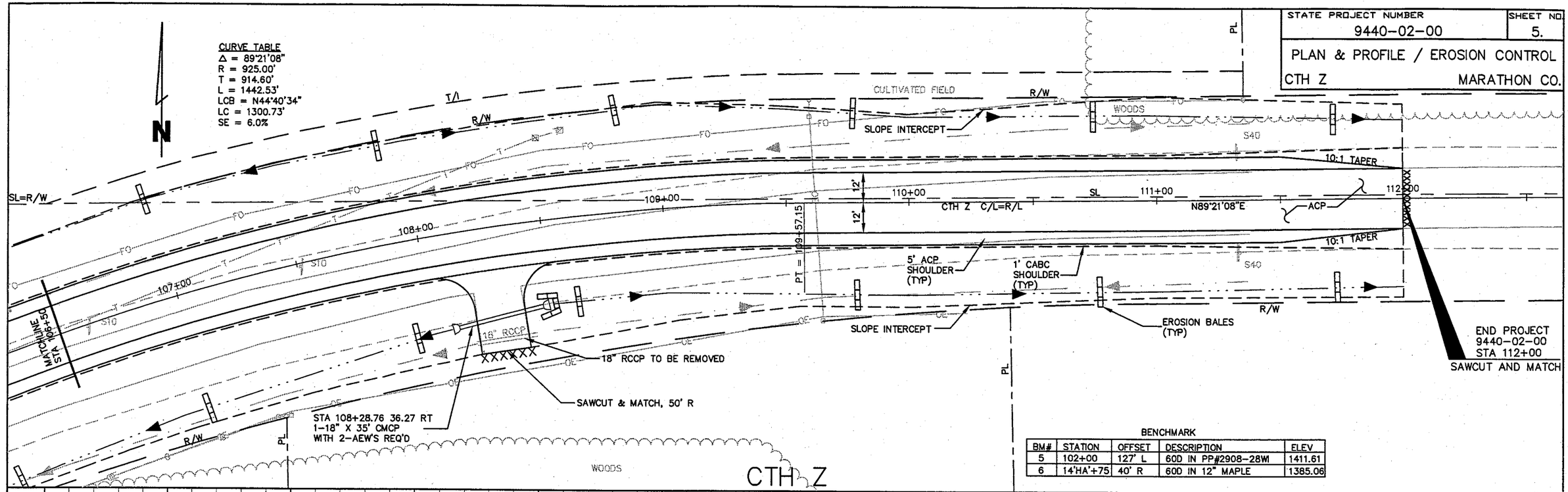
WISDOT/CADDS SHEET 40

55

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

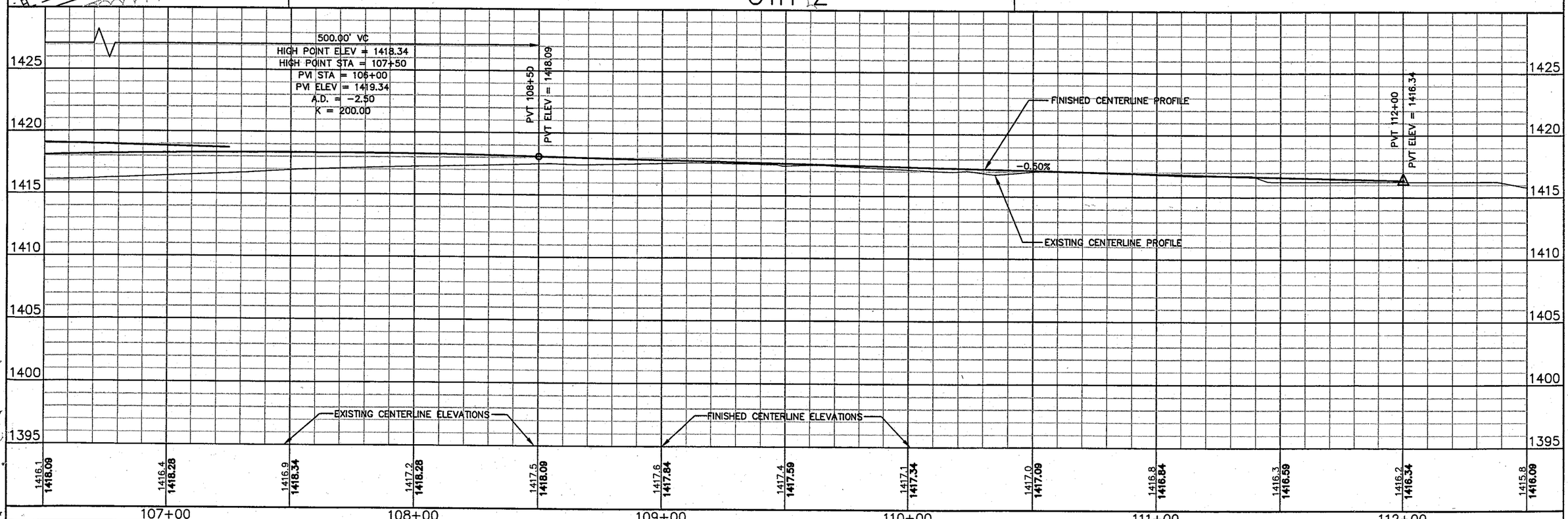
PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.



BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
5	102+00	127' L	60D IN PP#2908-28WI	1411.61
6	14'HA'+75	40' R	60D IN 12" MAPLE	1385.06



PLOT SCALE: 1:1

PLOT NAME: 8017PP11

REV. DATE:

ORIGINATOR:

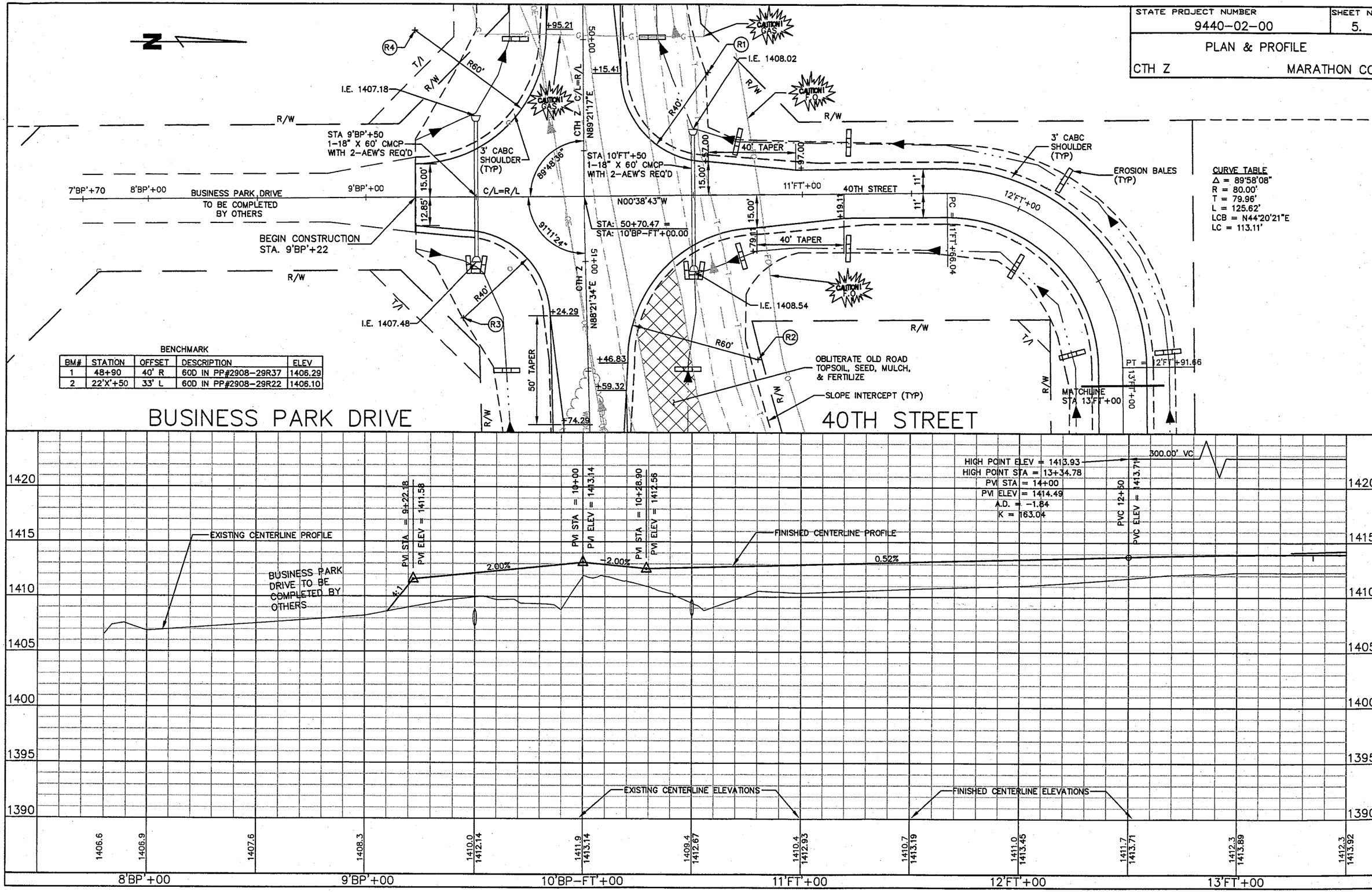
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP11 09-25-2000 1:57:14 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE

CTH Z MARATHON CO.



BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
1	48+90	40' R	60D IN PP#2908-29R37	1406.29
2	22'X'+50	33' L	60D IN PP#2908-29R22	1406.10

PLOT NAME: sht1.dwg PLOT SCALE: 1:1 REV. DATE: ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP13 09-25-2000 1:59:55 pm CST

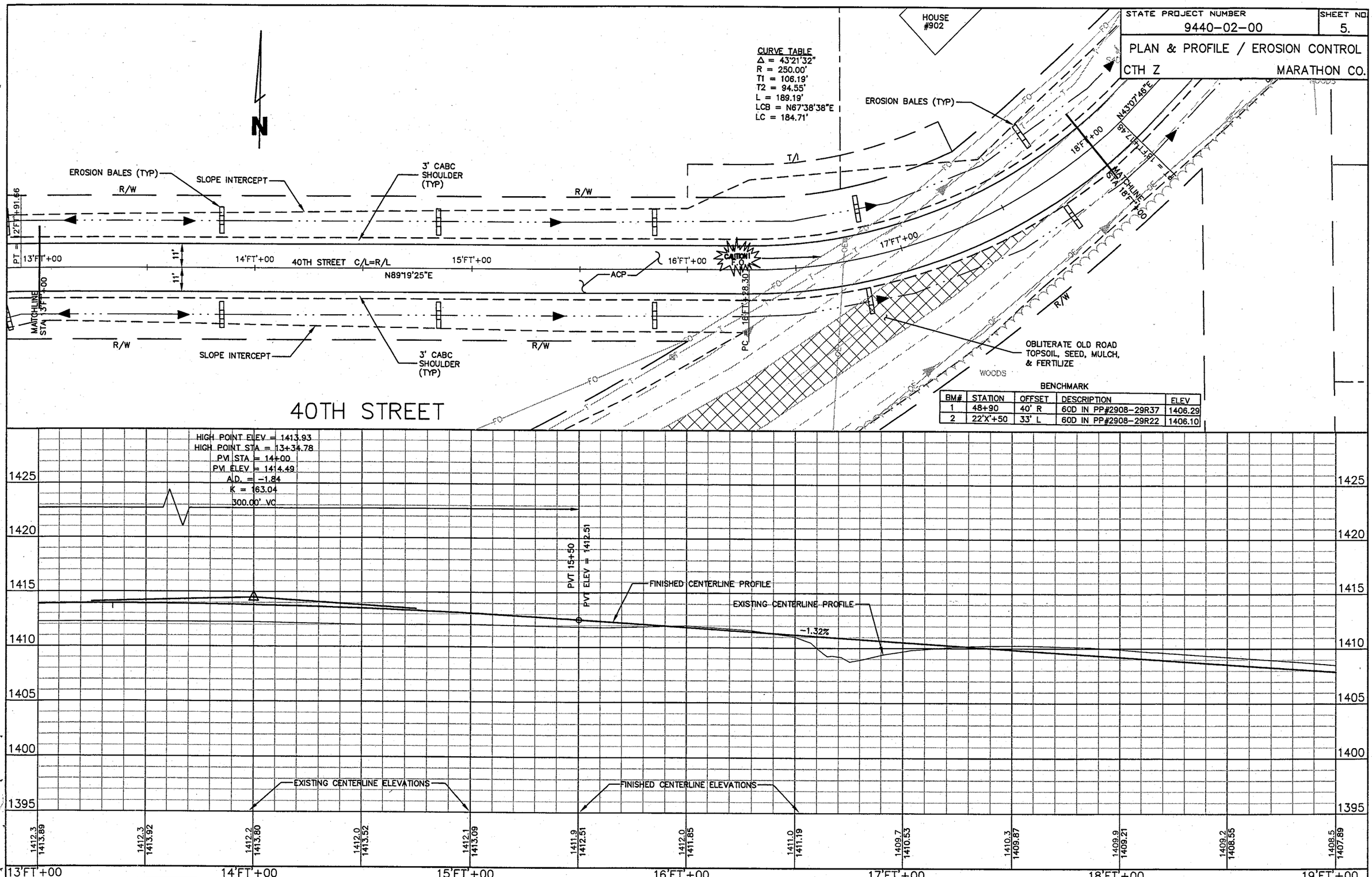
WISDOT/CADDS SHEET 40

57

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.



BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
1	48+90	40' R	60D IN PP#2908-29R37	1406.29
2	22'X'+50	33' L	60D IN PP#2908-29R22	1406.10

PLOT SCALE: 1:1

PLOT NAME: sht1.dwg

REV. DATE:

ORIGINATOR: B

58

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP14 09-25-2000 2:02:56 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.
PLAN & PROFILE / EROSION CONTROL	
CTH Z	MARATHON CO.

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
1	48+90	40' R	60D IN PP#2908-29R37	1406.29
2	22'X'+50	33' L	60D IN PP#2908-29R22	1406.10

CURVE TABLE
Δ = 43°21'32"
R = 250.00'
T = 99.38'
L = 189.19'
LCB = N67°38'38"E
LC = 184.71'

CURVE TABLE
Δ = 44°26'56"
R = 80.00'
T = 32.69'
L = 62.06'
LCB = S20°54'18"W
LC = 60.52'

EROSION BALES (TYP)
HOUSE #902
3' CABC SHOULDER (TYP)
SLOPE INTERCEPT
STA: 18+80.54
OFFSET: 80.00 L
N = 203941.40
E = 295392.98
C/L=R/L
MATCHLINE STA 18'FT+00
18'FT+00
18'FT+17.48
40TH STREET
N43°07'46"E
R/W
R80'
IE=1404.45
T/I
STA: 19'FT+53.84 20.81' L
1-18" X 16' RCCP
WITH 2-AEW'S REQ'D
IE=1404.35
IE=1404.02
STA: 20'FT+32.23 18.74 L
1-18" X 24' RCCP
WITH 2-AEW'S REQ'D
REMOVE EXISTING CULVERT
IE=1403.90
STA: 21'FT+65.67
SALVAGE CULVERT PIPE
2-AEW'S REQ'D
IE=1403.30
19'FT+00
20'FT+00
21'FT+00
22'FT+00
23'FT+00
N01°19'10"W
ACP
PC = 18'FT+80.54
SLOPE INTERCEPT
3' CABC SHOULDER (TYP)
CAUTION! F.O.
END CONSTRUCTION
STA: 19'FT+80
MATCH EXISTING
SPOT ELEVATION (TYP)
REMOVE CULVERT
RE-GRADE DITCH
OBLITERATE OLD ROAD
TOPSOIL, SEED, MULCH, & FERTILIZE
IE=1403.14
RESTORE ROAD SURFACE IN KIND AS REQUIRED FOR LOWERING OF EXISTING CULVERT LIMITS TO BE DETERMINED BY ENGINEER IN THE FIELD
EROSION BALES (TYP)
CLEAR AND GRUB TREES
WOODS
1.20%
40TH STREET

EXISTING CENTERLINE PROFILE
FINISHED CENTERLINE PROFILE
PVI 19+50
PVI ELEV = 1407.23
PVI 19+60
PVI ELEV = 1406.54
-1.32%
-2.32%
EXISTING CENTERLINE ELEVATIONS
FINISHED CENTERLINE ELEVATIONS
1410.3 1409.87
1409.9 1409.21
1409.2 1408.55
1408.5 1407.89
1407.3 1407.23
1406.2
1406.0
1405.8
1405.8
1405.9
1405.9
1406.0
1406.4
18'FT+00
19'FT+00
20'FT+00
21'FT+00
22'FT+00
23'FT+00
1415
1410
1405
1400
1395
1390
1385

PLOT SCALE: 1:1
PLOT NAME: sht1.dwg
REV. DATE:
ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP15 09-25-2000 2:07:36 pm CST
WISDOT/CADDS SHEET 40

		CTH Z		CTH X		COORDINATES	
NO.	RADIUS	STA.	OFF.	STA.	OFF.	NORTHING	EASTING
R1	50'	60+83.90	86.00' L	10+86.84	65.00' L	203624.24	295835.86
R2	50'	62+23.03	77.01' L	10+76.08	74.00' R	203616.88	295975.08
R3	50'	62+16.08	96.00' R	9+13.18	65.00' R	203453.81	295970.05
R4	50'	60+76.96	77.00' R	9+23.94	74.00' L	203461.17	295830.83

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
1	48+90	40' R	60D IN PP#2908-29R37	1406.29
7	7'X'+05	110' L	60D IN PP#2908-29R26	1407.14

*MILL-IN RUMBLE STRIPS ON CTH X NORTH AND SOUTH OF CTH Z INTERSECTION (SEE DETAIL FOR LOCATIONS)

*MILL-IN RUMBLE STRIPS ON CTH X NORTH AND SOUTH OF CTH Z INTERSECTION (SEE DETAIL FOR LOCATIONS)

EROSION BALES (TYP)

ASPHALTIC FLUME (TYP)

36" CONC. CURB & GUTTER, TYPE D (TYP)

INTERSECTION TYPE B1

T/I

R/W

I.E. 1401.94

I.E. 1401.13

SLOPE INTERCEPT

100' TAPER

40' TAPER

BM #7

STA 9'X'+23.95
1-24" X 76' CMCP
WITH 2-AEW'S REQ'D

CONCRETE MEDIAN SLOPED NOSE

CTH Z

S89°19'27"W

CTH X C/L=R/L

N01°23'54"W

STA 61+50 =
STA 10'X'+00

STA 10'X'+88.43
1-24" X 76' CMCP
WITH 2-AEW'S REQ'D

ACP

6' CABC SHOULDER (TYP)

BEGIN CONSTRUCTION
STA 8'X'+00
SAWCUT & MATCH

END CONSTRUCTION
STA 12'X'+00
SAWCUT & MATCH

SILT FENCE (TYP)

I.E. 1401.18

I.E. 1400.37

R50'

CTH X

PVI STA = 8+00
PVI ELEV = 1407.09

PVI STA = 9+76
PVI ELEV = 1406.24

PVI STA = 10+24
PVI ELEV = 1406.00

PVI STA = 12+00
PVI ELEV = 1404.45

-0.48%

-0.50%

-0.88%

FINISHED CENTERLINE PROFILE

EXISTING CENTERLINE PROFILE

1406.6 1407.0 1407.1 **1407.09** 1407.1 **1406.84** 1406.8 **1406.60** 1406.5 **1406.36** 1406.2 **1406.12** 1405.9 **1405.77** 1405.5 **1405.33** 1405.0 **1404.89** 1404.5 **1404.45** 1403.9 1403.3

7'X'+00 8'X'+00 9'X'+00 10'X'+00 11'X'+00 12'X'+00 13'X'+00

1415 1410 1405 1400 1395 1390 1385

PLOT SCALE: 1:1

PLOT NAME: sht1.dwg

REV. DATE:

ORIGINATOR: BJ

60

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP16 09-25-2000 2:11:05 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

BM#	STATION	OFFSET	DESCRIPTION	ELEV
6	14'FN'+75	40' R	60D IN 12" MAPLE	1385.06

BENCHMARK

CURVE TABLE
Δ = 93°50'57"
R = 30.00'
T = 32.09'
L = 49.14'
LCB = S42°46'32"W
LC = 43.83'
SE = NC

POND

STA: 15'FN'+00.00
MATCH EXISTING

PT = 14'FN'+89.38

STA: 14'FN'+89.38
OFFSET: 30.00 L
N = 204862.08
E = 298470.20

STA: 14'HA'+00, 18.0' LT
REINFORCED CONC. AEW
FOR CULVERT PIPE, 24"
I.E. 1385.00

STA: 14'HA'+00, 18.0' RT
REINFORCED CONC. AEW
FOR CULVERT PIPE, 24"
I.E. 1384.82

STA: 14'HA'+00
1-24" X 36'
CLASS IV, RCCP

PC = 14'HA'+40.24

END ACP STA 14'HA'+40.24
MATCH EXISTING 49TH STREET
SURFACE MATERIAL IN-KIND

GRADE TO DRAIN
TO THE SOUTH

CENTER OF
SECTION 28

BM #6

SLOPE INTERCEPT

SILT FENCE (TYP)

ACP

3' CABC
SHOULDER
(TYP)

CLEAR AND
GRUB TREES

EROSION
BALES
(TYP)

50' TAPER

60' TAPER

40' TAPER

R40'

R60'

R30'

R/W

T/I

WOODS

CTH Z C/L=R/L
N00°00'00"E

E. HAMILTON STREET C/L=R/L
S89°40'05"W

STA 91+25.43 =
STA 10'HA'+00

+80.72
+57.29
+16.29
+76.61
+50.83

15'
11'

92+00
91+00

11'HA'+00
12'HA'+00
13'HA'+00
14'HA'+00
15'FN'+00

E. HAMILTON STREET

200.00' VC
P.VI. STA = 12+00
P.VI. ELEV = 1393.61
A.D. = -1.48
K = 135.14

PVI STA = 10+17
PVI ELEV = 1395.44

PVC 11+00
PVC ELEV = 1394.61

PVT 13+00
PVT ELEV = 1391.13

LOW POINT ELEV = 1386.97
LOW POINT STA = 14+85.63
PVI STA = 14+75
PVI ELEV = 1386.79
A.D. = 3.48
K = 14.37
50.00' VC

PVC 14+50
PVC ELEV = 1387.41

PVT 15+00
PVT ELEV = 1387.04

-2.00%
-1.00%
-2.48%

FINSHED CENTERLINE PROFILE

EXISTING CENTERLINE PROFILE

EXISTING CENTERLINE ELEVATIONS

FINISHED CENTERLINE ELEVATIONS

1405
1400
1395
1390
1385
1380
1375

10'HA'+00	11'HA'+00	12'HA'+00	13'HA'+00	14'HA'+00	15'HA'+00
1393.7 / 1395.78	1393.7 / 1395.11	1393.2 / 1394.61	1392.5 / 1394.02	1391.5 / 1393.24	1389.9 / 1392.28
1388.0 / 1391.13	1386.8 / 1389.89	1385.6 / 1388.65	1385.3 / 1387.41	1387.0 / 1387.04	1388.1

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP17 09-25-2000 2:15:55 pm CST

WISDOT/CADDS SHEET 40

61

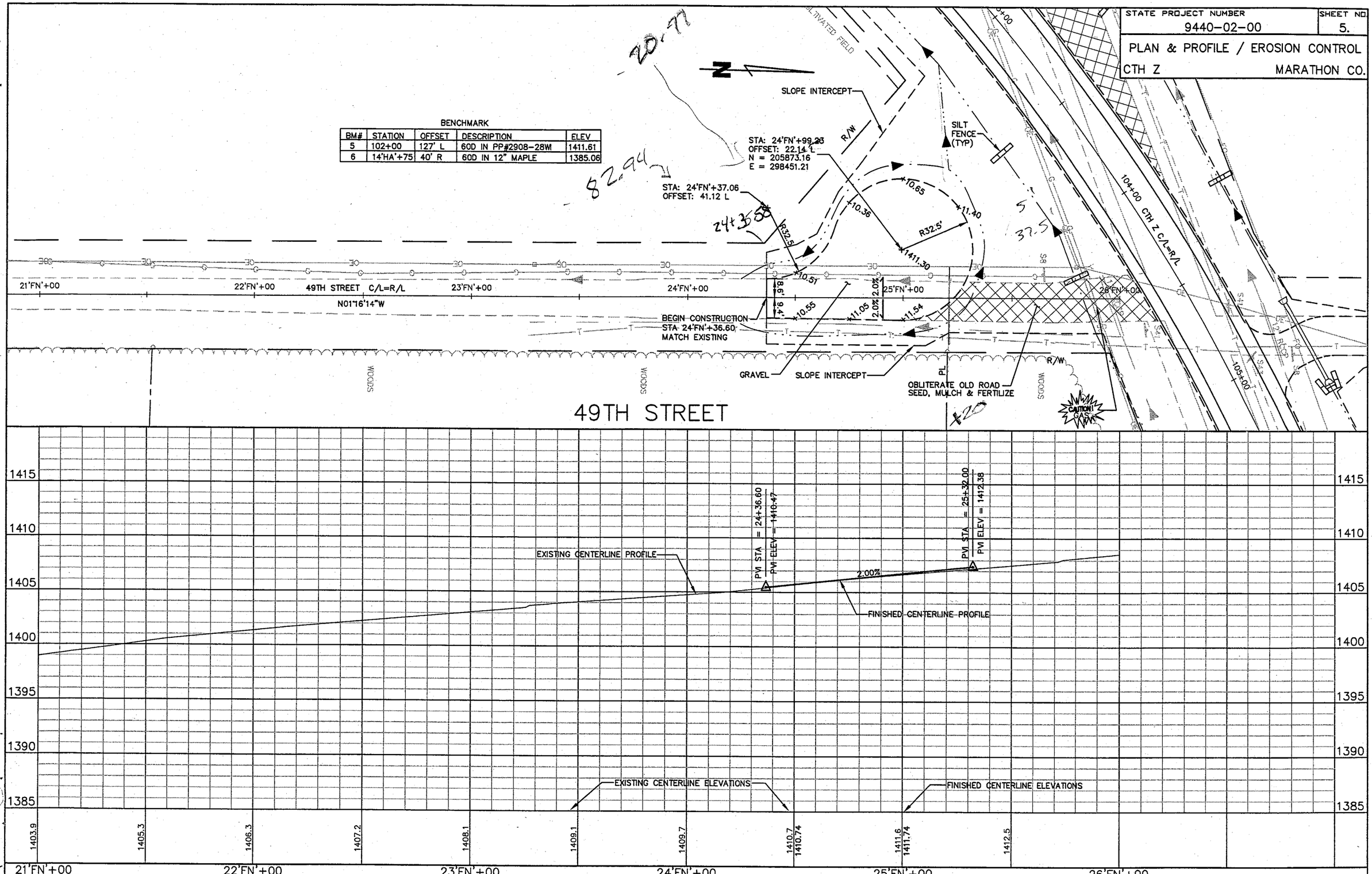
STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
5	102+00	127' L	60D IN PP#2908-28WI	1411.61
6	14'HA'+75	40' R	60D IN 12" MAPLE	1385.06



PLOT SCALE: 1:1

PLOT NAME: sht1.dwg

REV. DATE:

ORIGINATOR: B

62

FILE NAME:P:\sdskproj\98017.10\dwg\PLANS\8017PP19 09-25-2000 2:19:07 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

CTH Z MARATHON CO.

BENCHMARK

BM#	STATION	OFFSET	DESCRIPTION	ELEV
4	7'BL'+10	33' R	60D IN PP#2908-28L6	1403.67
5	102+00	127' L	60D IN PP#2908-28WI	1411.61

STA 28'BL'+00 22.67'LT
1-24" X 44' CMCP
WITH 2-AEW'S REQ'D

SAWCUT & MATCH

STA: 28'BL'+18.19
OFFSET: 30.08 L

OBLITERATE OLD ROAD
TOPSOIL,SEED,MULCH,FERTILIZE

SLOPE INTERCEPT (TYP)

EROSION BALES (TYP)

R30'

20'

+90.50

+8.50

28'BL'+00

11'

11'

BURGER LANE

29'BL'+00

+87.90

40' TAPER

+26.51

15'

R60'

101+00

CTH Z C/L=R/L

FC = 26'BL'+53.07

STA: 26'BL'+50.00
BEGIN CONSTRUCTION
SAWCUT & MATCH

C/L=R/L

27'BL'+00

ACP

3' CABC
SHOULDER
(TYP)

+03.58

+29.33

29'BL'+

15'

S59°56'06"E

STA: 100+00.00
STA: 30'BL'+00.00=

CAUTION!
GAS

R/W

T/A

26'BL'+00

N67°19'10"E

S25

SLOPE INTERCEPT (TYP)

PT

+44.54

40' TAPER

R40'

R/W

CURVE TABLE
Δ = 52°45'38"
R = 300.00'
T = 148.79'
L = 276.25'
LCB = S86°18'55"E
LC = 266.60'
SE = NC

BURGER LANE

50.00' VC

HIGH POINT ELEV = 1410.16
HIGH POINT STA = 29+30.88
PVI STA = 29+50
PVI ELEV = 1410.34
A.D. = -6.80
K = 7.35

PVI STA = 26+50
PVI ELEV = 1407.94

FINISHED CENTERLINE PROFILE

0.80%

-6.00%

EXISTING CENTERLINE PROFILE

PVC 29+25
PVC ELEV = 1410.14

PVT 29+75
PVT ELEV = 1408.84

EXISTING CENTERLINE ELEVATIONS

FINISHED CENTERLINE ELEVATIONS

1407.3	1407.1	1407.3	1407.9 / 1407.94	1408.1 / 1408.34	1407.2 / 1408.74	1405.0 / 1409.14	1406.1 / 1409.54	1406.7 / 1409.94	1407.1 / 1409.91

1415 1410 1405 1400 1395 1390 1385

26'BL'+00 27'BL'+00 28'BL'+00 29'BL'+00

PLOT NAME: #ntl.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

63

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017PP20 09-25-2000 2:22:32 pm CST

WISDOT/CADDS SHEET 40

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	5.

PLAN & PROFILE / EROSION CONTROL

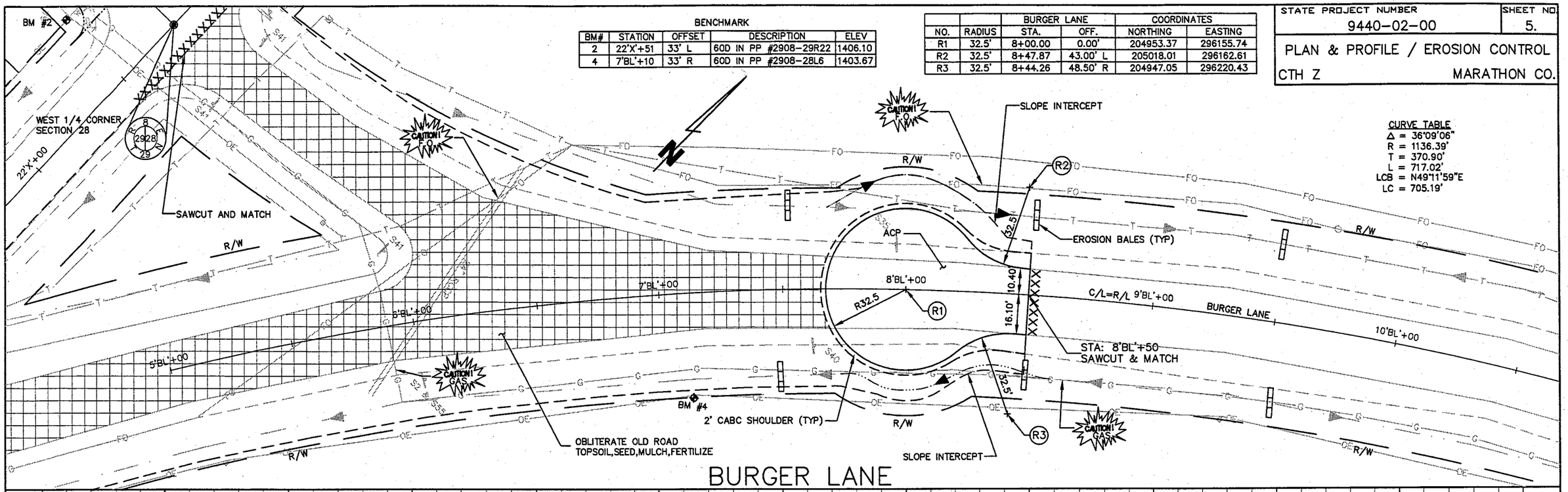
CTH Z MARATHON CO.

BENCHMARK

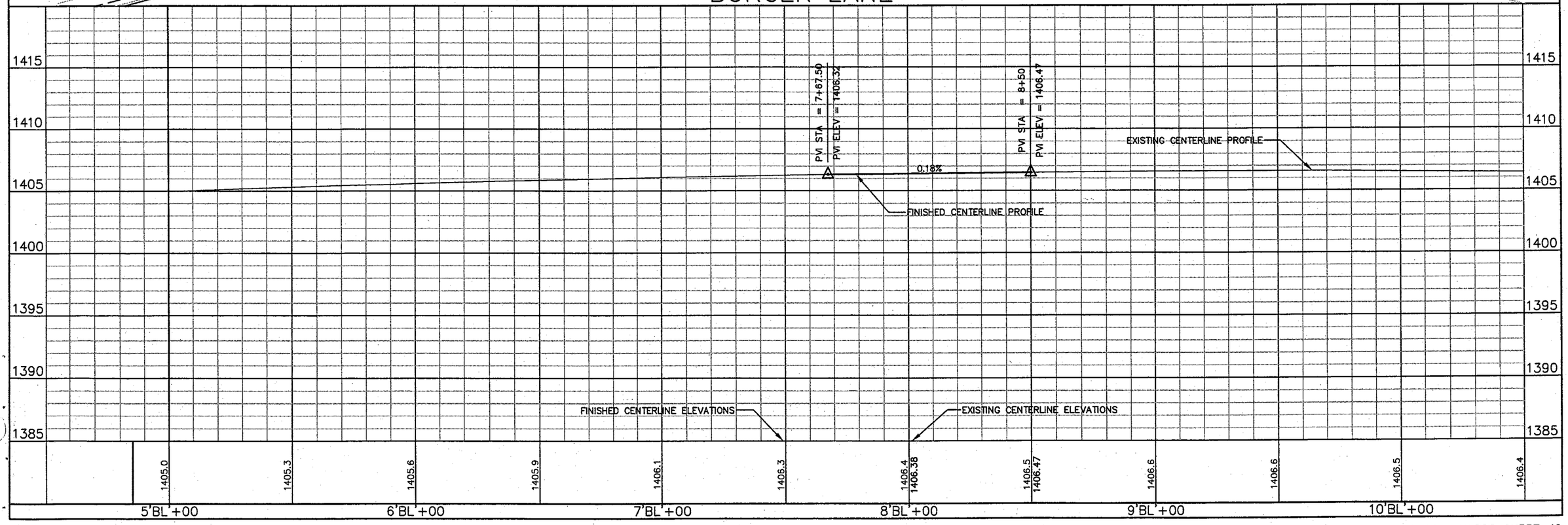
BM#	STATION	OFFSET	DESCRIPTION	ELEV
2	22'X'+51	33' L	60D IN PP #2908-29R22	1406.10
4	7'BL'+10	33' R	60D IN PP #2908-28L6	1403.67

		BURGER LANE		COORDINATES	
NO.	RADIUS	STA.	OFF.	NORTHING	EASTING
R1	32.5'	8+00.00	0.00'	204953.37	296155.74
R2	32.5'	8+47.87	43.00' L	205018.01	296162.61
R3	32.5'	8+44.26	48.50' R	204947.05	296220.43

CURVE TABLE
Δ = 36°09'06"
R = 1136.39'
T = 370.90'
L = 717.02'
LCB = N49°11'59"E
LC = 705.19'



BURGER LANE



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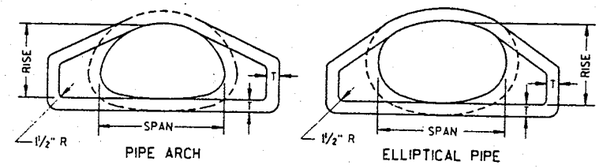
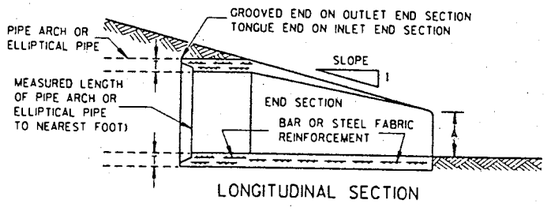
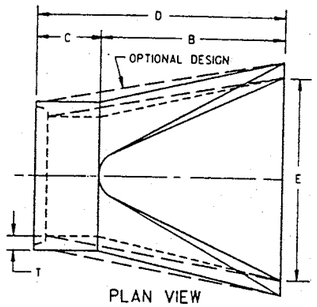
WISDOT/CADDS SHEET 40



END VIEW

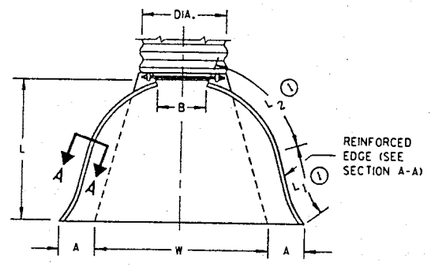


LONGITUDINAL SECTION

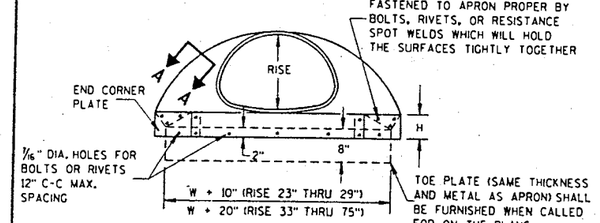


PLAN VIEW

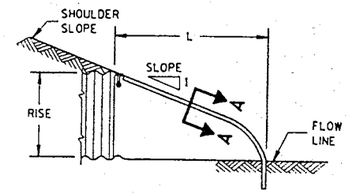
CONCRETE ENDWALLS



PLAN VIEW

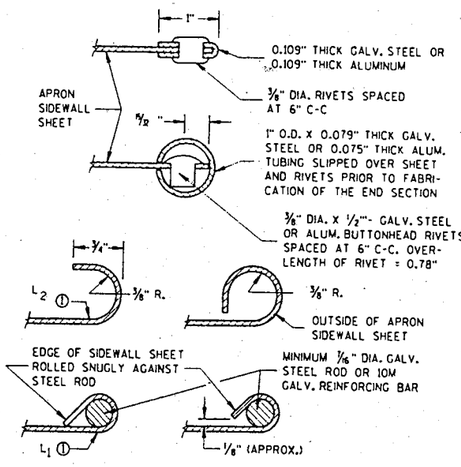


END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	RISE	MIN. THICK. (Inches) STEEL	ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅝	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	RISE	MIN. THICK. (Inches) STEEL	ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15¼	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

** NOMINAL SIZE

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.

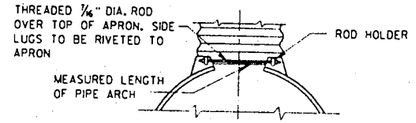
CONCRETE APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" x 51" PIPE ARCH 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 ARCH 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 77" X 52" THROUGH 112" X 75" 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.

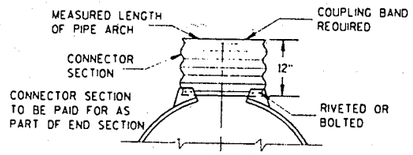
WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.



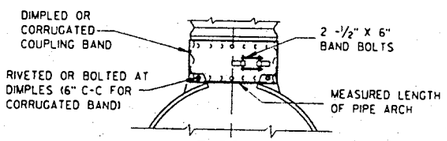
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:
ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

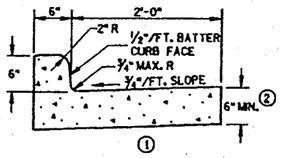
APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

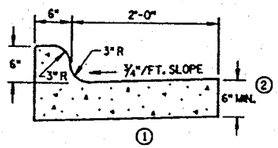
APPROVED 11/30/94 DATE
Terry F. Thompson
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

S.D.D. 8 F 2-1

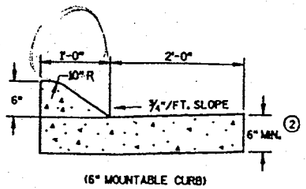
S.D.D. 8 F 2-1



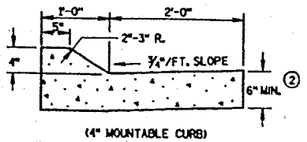
① TYPES A & D



① TYPES K & L



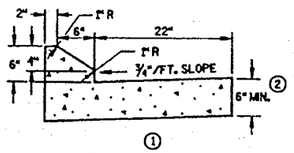
(6" MOUNTABLE CURB)



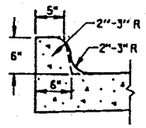
(4" MOUNTABLE CURB)

① TYPES A & D

CONCRETE CURB & GUTTER 36"



① TYPES G & J



OPTIONAL CURB SHAPE
① FOR TYPES K & L

CONCRETE CURB & GUTTER 30"

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.

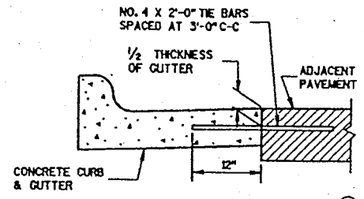
WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

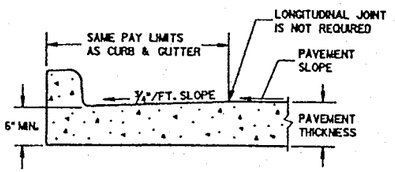
① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G AND K.

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.

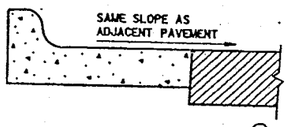
③ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



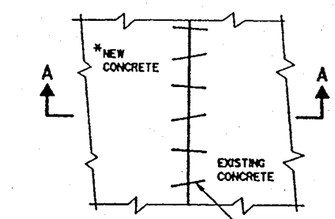
① TYPICAL TIE BAR LOCATION



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER



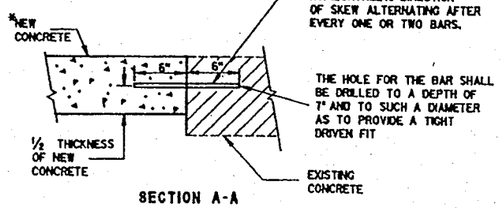
③ REVERSE SLOPE GUTTER
(TYPICAL FOR ALL CURB & GUTTER TYPES)



PLAN VIEW

*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

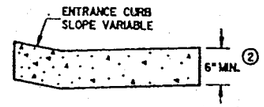
NO. 6 X 12" DEF. BARS SPACED 3'-0" C-C, INSTALLED ON 6:1 SKEW HORIZONTALLY. DIRECTION OF SKEW ALTERNATING AFTER EVERY ONE OR TWO BARS.



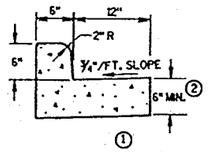
THE HOLE FOR THE BAR SHALL BE DRILLED TO A DEPTH OF 7" AND TO SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT

SECTION A-A

PAVEMENT TIES

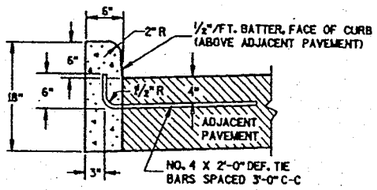


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

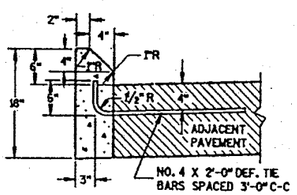


① TYPES A & D

CONCRETE CURB & GUTTER 18"



① TYPES A & D

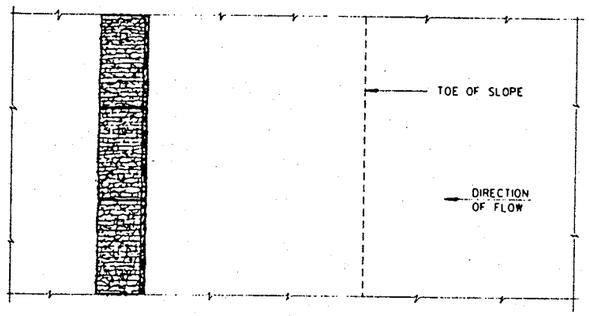


① TYPES G & J

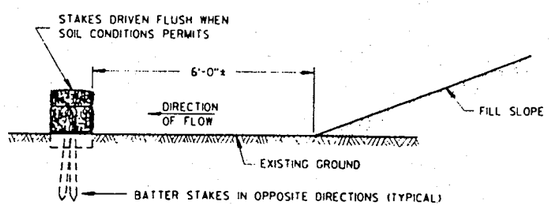
CONCRETE CURB

CONCRETE CURB, CONCRETE CURB & GUTTER AND PAVEMENT TIES	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 04/16/99 DATE	CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	

S.D.D. 8 D 1-13



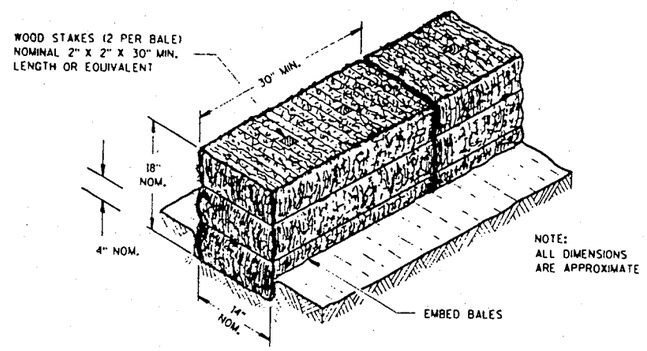
PLAN VIEW

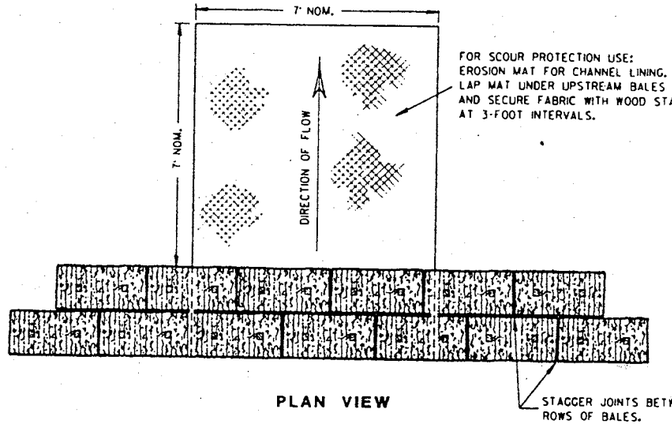


FRONT ELEVATION

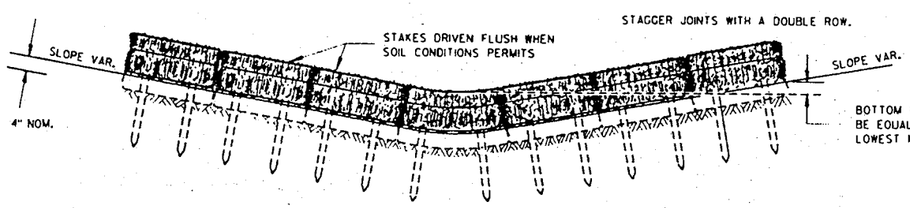
WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW





PLAN VIEW

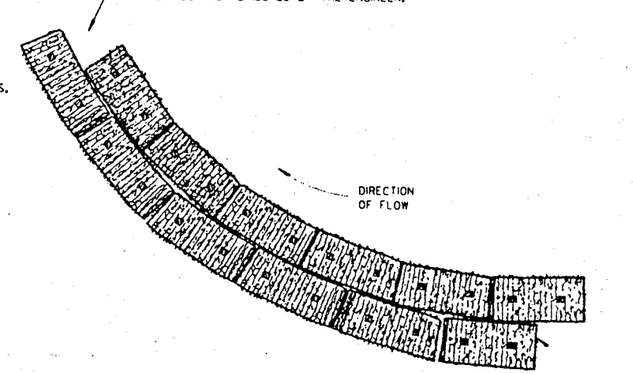


FRONT ELEVATION

EROSION BALES FOR CHANNEL FLOW

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

EROSION BALES WHEN ALTERING THE DIRECTION OF FLOW

TYPICAL INSTALLATIONS OF EROSION BALES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/29/94
DATE
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

S.D.D. 8 E 8-2

S.D.D. 8 E 8-2

METAL APRON ENDWALLS

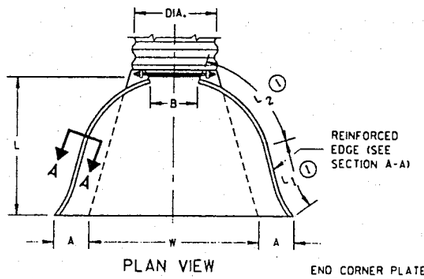
PIPE DIA. (IN.)	MIN. THICK. (inches) STEEL	MIN. THICK. (inches) ALUM.	DIMENSIONS (inches) A (±1")	B (MAX.)	H (±1")	L (±1½")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17½	24	2½ to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21¾	30	2½ to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28¼	36	2½ to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29⅝	42	2½ to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37¼	48	2½ to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52¼	60	2½ to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59¾	72	2½ to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75⅝	84	2½ to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2¼ to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85½	102	2¼ 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	1½ to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1½ to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1½ to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1½ to 1	3 Pc.

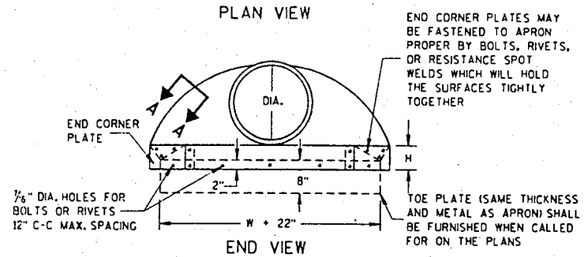
× EXCEPT CENTER PANEL SEE GENERAL NOTES

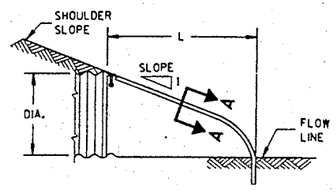
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48⅛	72⅛	24	2	3 to 1
15	2¼	6	27	46	73	30	2¼	3 to 1
18	2½	9	27	46	73	36	2½	3 to 1
21	2¾	9	36	37½	73½	42	2¾	3 to 1
24	3	9½	43½	30	73½	48	3	3 to 1
27	3¼	10½	49½	24	73½	54	3¼	3 to 1
30	3½	12	54	19¾	73½	60	3½	3 to 1
36	4	15	63	34¾	97¾	72	4	3 to 1
42	4½	21	63	35	98	78	4½	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5½	27	65	* 33¼-35 ** 98¼-100		90	5½	2⅔ to 1
60	6	* 30-35 **	60	39	99	96	5	2 to 1
66	6½	* 24-30 **	* ** 72-78	* ** 21-27	99	102	5½	2 to 1
72	7	* 24-36 **	78	21	99	108	6	2 to 1
78	7½	* 24-36 **	78	21	99	114	6½	2 to 1
84	8	36	90½	21	111½	120	6½	1½ to 1
90	8½	41	87½	24	111½	132	6½	1½ to 1

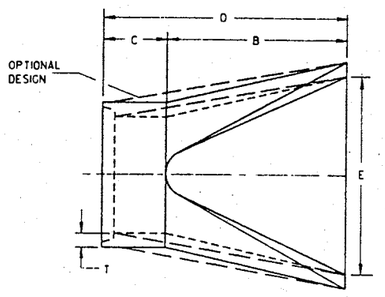
*MINIMUM
**MAXIMUM

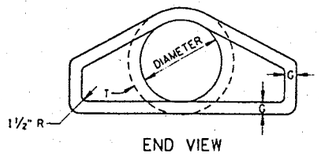


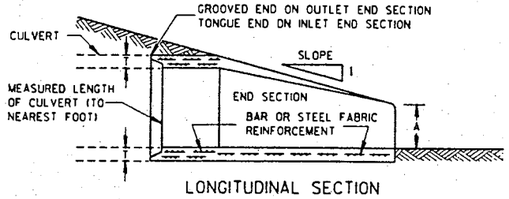




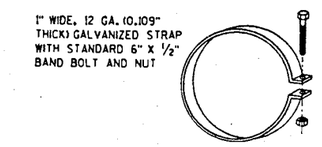
METAL ENDWALLS





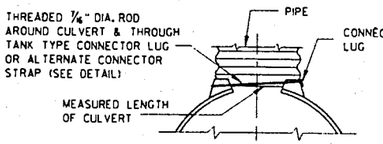


CONCRETE ENDWALLS

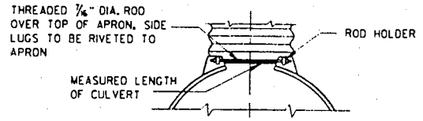


ALTERNATE FOR TYPE 1 CONNECTION

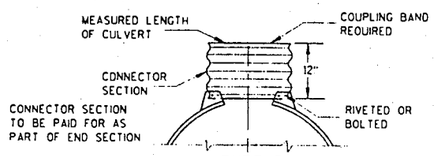
END SECTION CONNECTOR STRAP



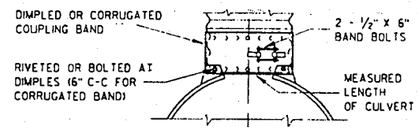
TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

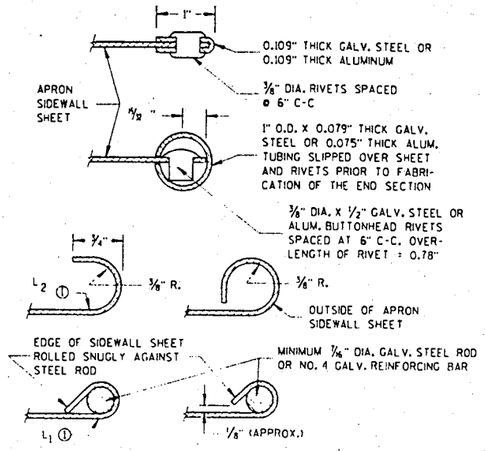
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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.

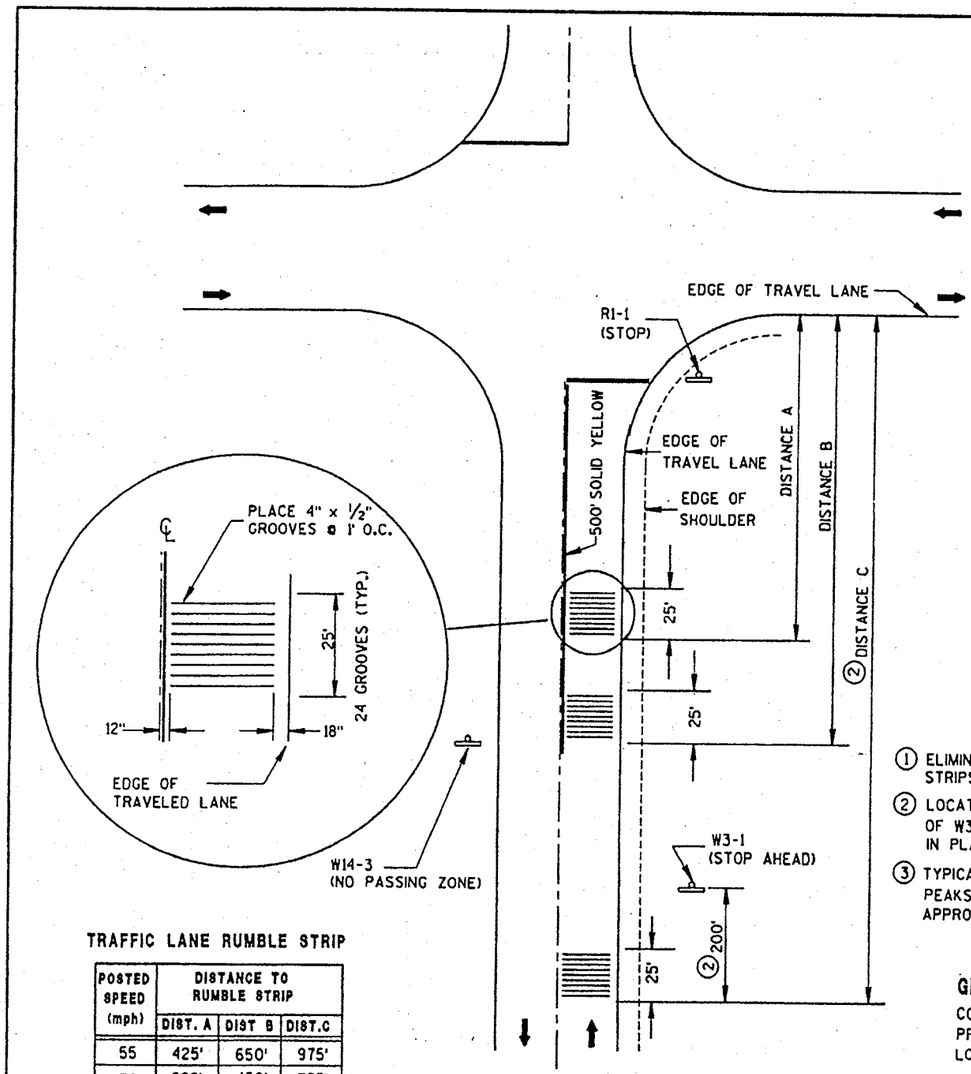
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94
DATE
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

S.D.D. 8 F 1-11

S.D.D. 8 F 1-11



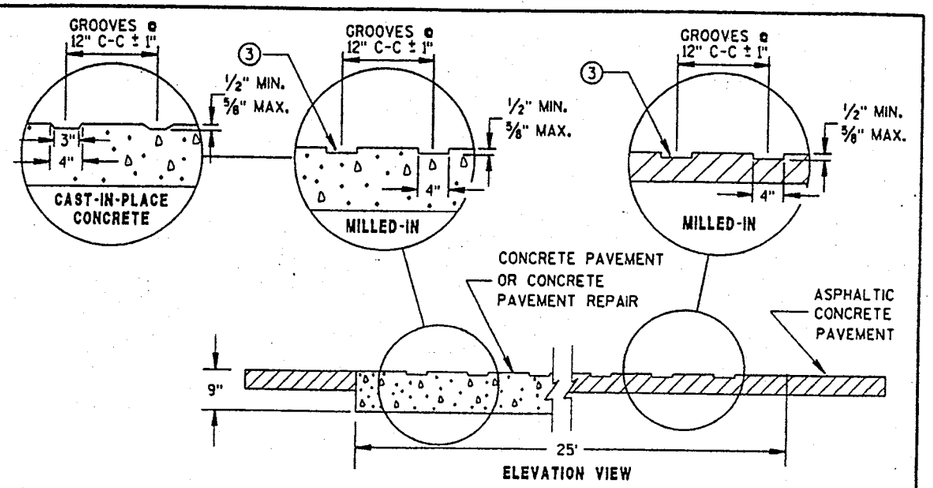
ARROW SYMBOL (➡) SHOWS DIRECTION OF TRAVEL

PLAN VIEW

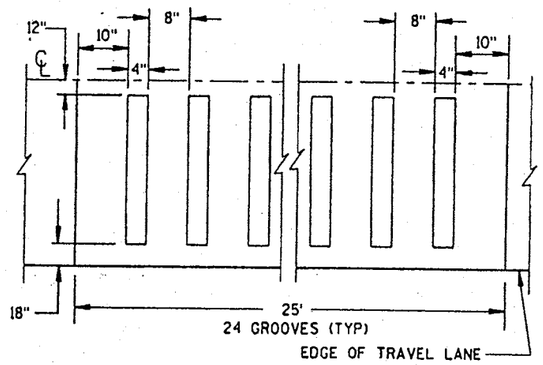
RUMBLE STRIP LOCATION

TRAFFIC LANE RUMBLE STRIP

POSTED SPEED (mph)	DISTANCE TO RUMBLE STRIP		
	DIST. A	DIST B	DIST.C
55	425'	650'	975'
50	325'	450'	775'
45	275'	400'	625'
40	225'	①	525'
35	175'	①	450'
≤30	125'	①	400'



ELEVATION VIEW



PLAN VIEW

CONCRETE PAVEMENT MILLED-IN OR CAST-IN-PLACE | **ASPHALTIC PAVEMENT MILLED-IN**

① ELIMINATE THE MIDDLE SET OF RUMBLE STRIPS.

② LOCATE RUMBLE STRIP 200' IN ADVANCE OF W3-1 SIGN AS SHOWN. IF W3-1 IS NOT IN PLACE, USE DISTANCE C.

③ TYPICAL VERTICAL VARIATION BETWEEN PEAKS AND VALLEYS WITHIN THE CUT APPROXIMATELY 1/16"

GENERAL NOTES

CONTRACTOR SHALL CONFIRM RUMBLE STRIP LOCATION WITH THE ENGINEER PRIOR TO INSTALLATION. THE ENGINEER MAY MODIFY THE RUMBLE STRIP LOCATION AS FIELD CONDITIONS DICTATE.

WHEN CONCRETE PAVEMENT IS INSTALLED IN THE RUMBLE STRIP AREA, THE CONCRETE SHALL EXTEND FROM THE ℄ TO THE EDGE OF TRAVEL WAY.

WHEN ASPHALTIC PAVEMENT IS NEW IN THE RUMBLE AREA THE CONTRACTOR SHALL ALLOW THE PAVEMENT TO CURE A MINIMUM OF 7 DAYS PRIOR TO RUMBLE INSTALLATION.

PAVEMENT MARKING AND SIGNING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

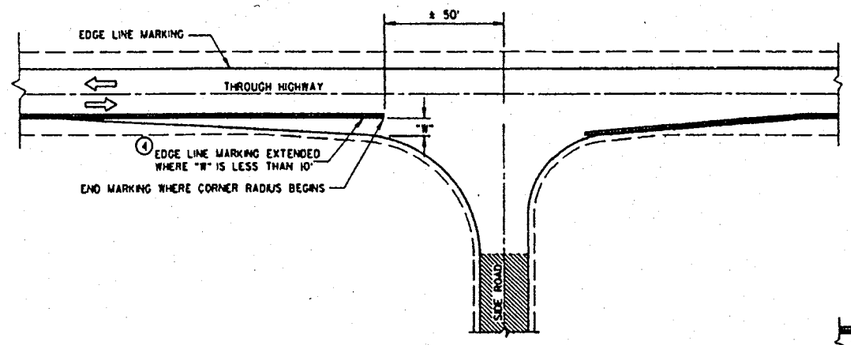
RUMBLE STRIPS AT INTERSECTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
05/10/2000
DATE
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

S.D.D. 13 A 6-1

S.D.D. 13 A 6-1



MINOR INTERSECTION WITHOUT CURBS

NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

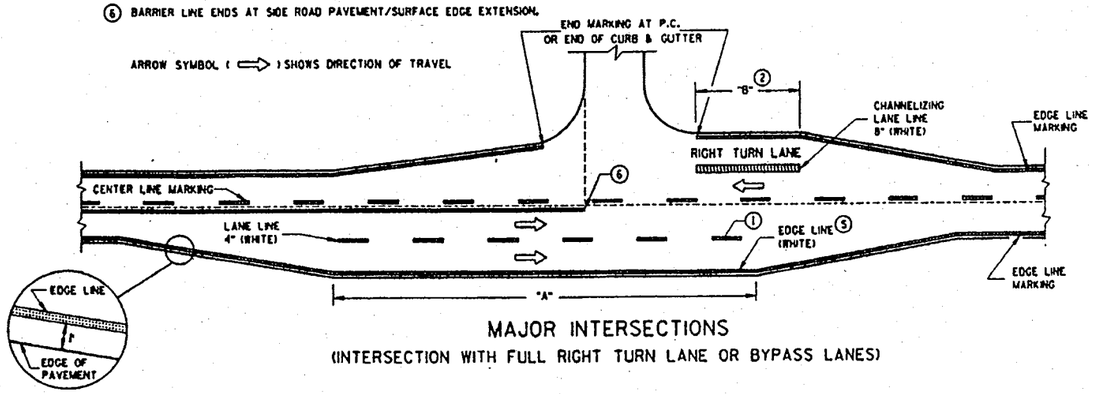
② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

③ ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.

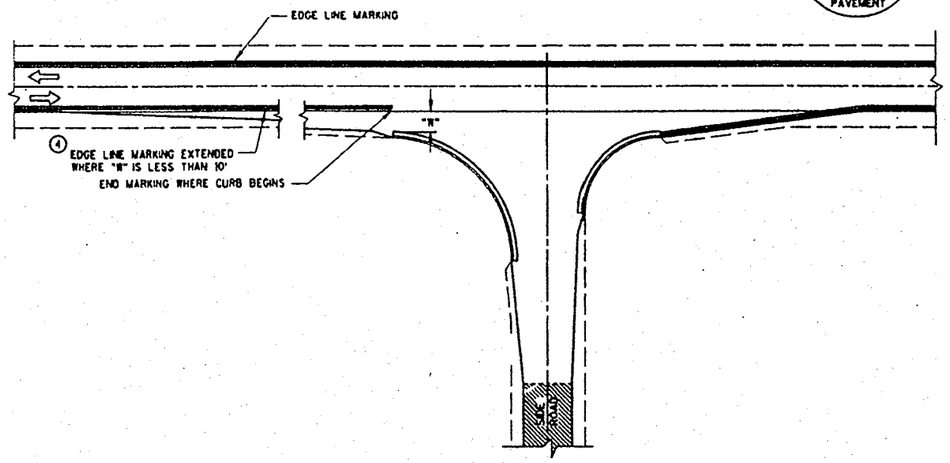
④ LOCATE THE EDGE LINE ALONG THE TAPER WHERE "R" IS 10' OR MORE.

⑤ THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.

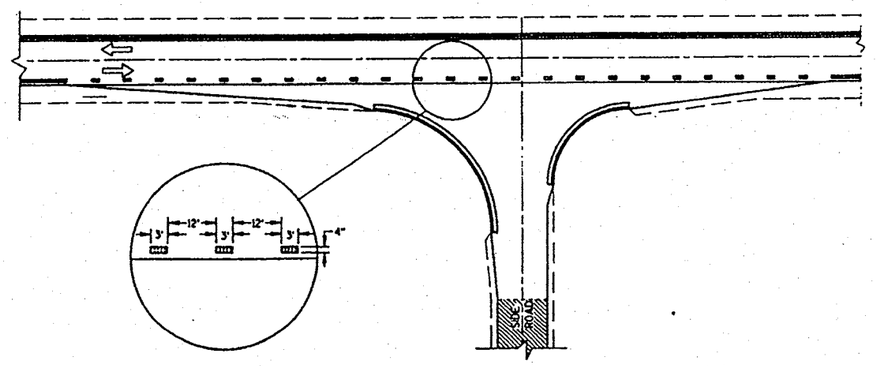
⑥ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.



MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



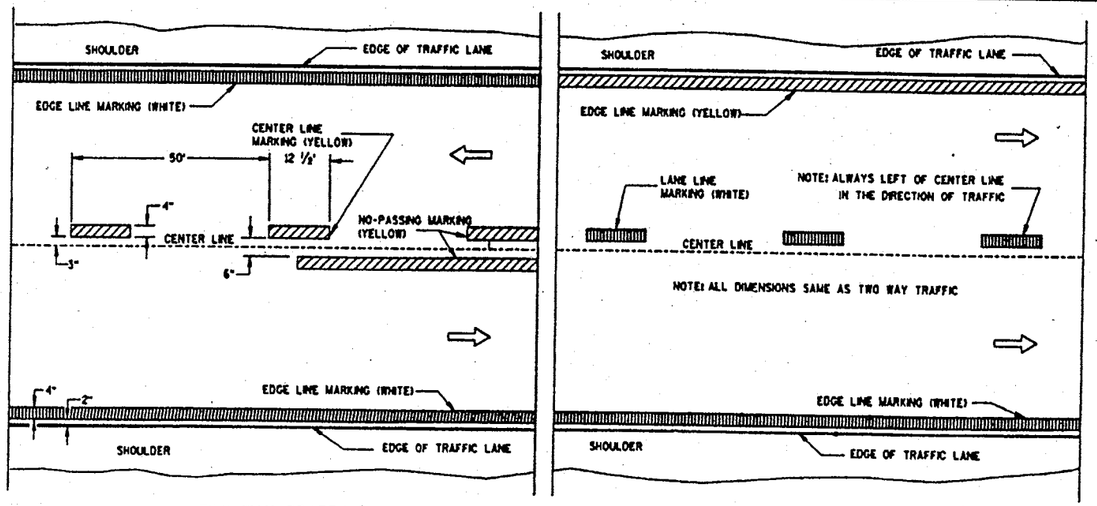
MINOR INTERSECTION WITH CURBS
③ (FOR SPECIAL CONDITIONS AS SPECIFIED)

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D. 15 C 8-9b

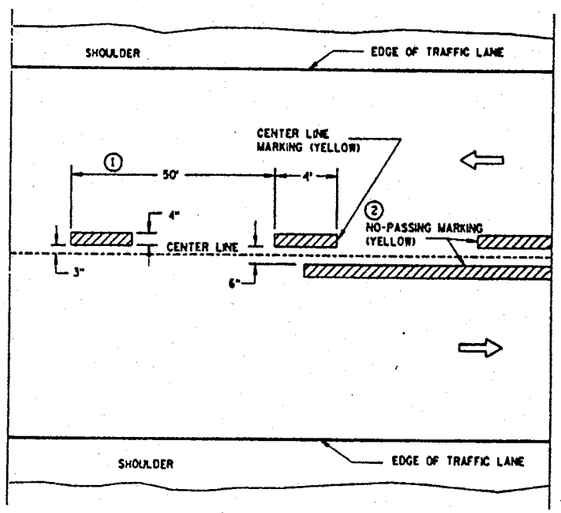
S.D.D. 15 C 8-9b



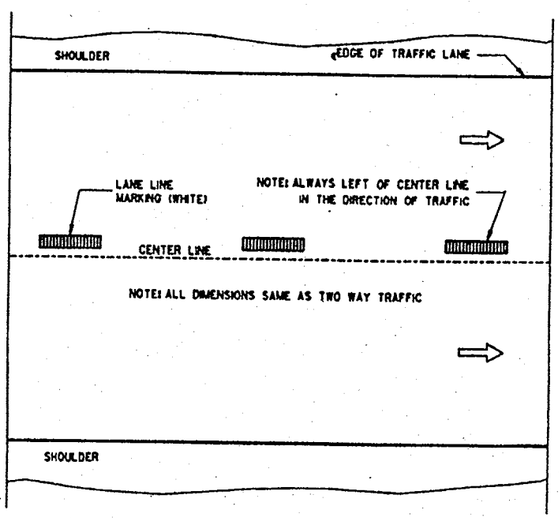
TWO WAY TRAFFIC

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'a) 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

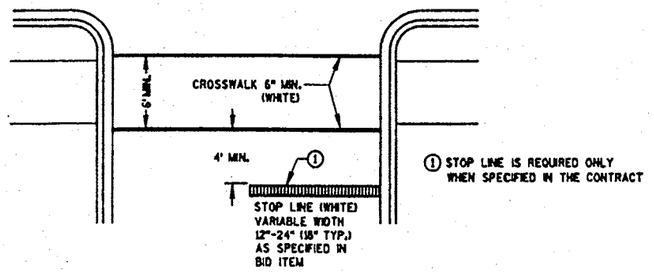
S.D.D. 15 C 8-9a

PAVEMENT MARKING
(MAINLINE)

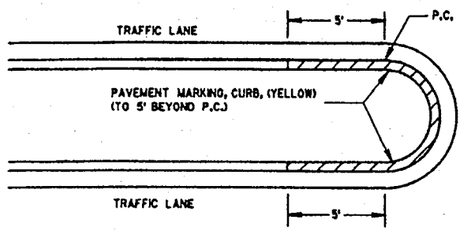
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3-6-68
DATE
CHIEF SIGNS AND MARKING ENGINEER

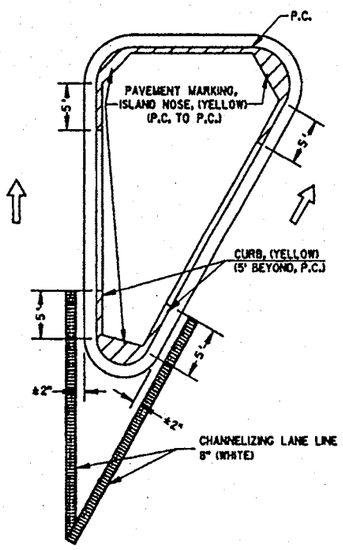
FHWA



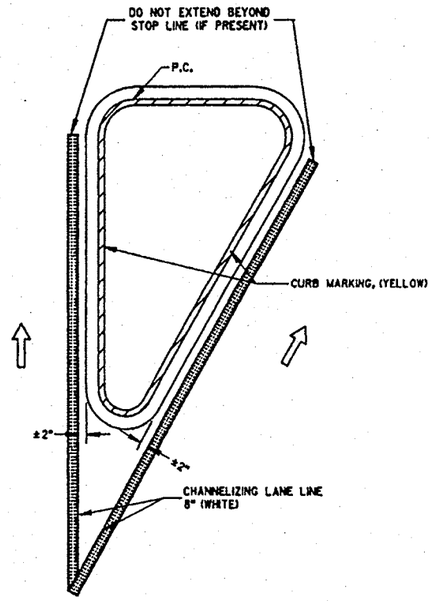
STOP LINE AND CROSSWALK



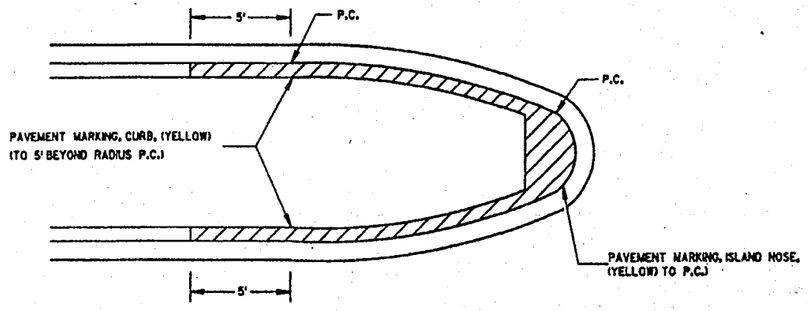
MEDIAN CURB



LARGE ISLAND
(GREATER THAN 50' PERIMETER OR ANY SIDE GREATER THAN 25' BETWEEN CURVES)



SMALL ISLAND
(LESS THAN 50' PERIMETER OR ANY SIDE LESS THAN 25' BETWEEN CURVES)



BULLET NOSE ISLAND

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL

PAVEMENT MARKING
(ISLANDS, STOP LINE & CROSS WALK)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3-6-09
DATE
Chuck J. Soper
CHIEF SIGNS AND MARKING ENGINEER
FHWA

S.D.D. 15 C 8-9e

S.D.D. 15 C 8-9e

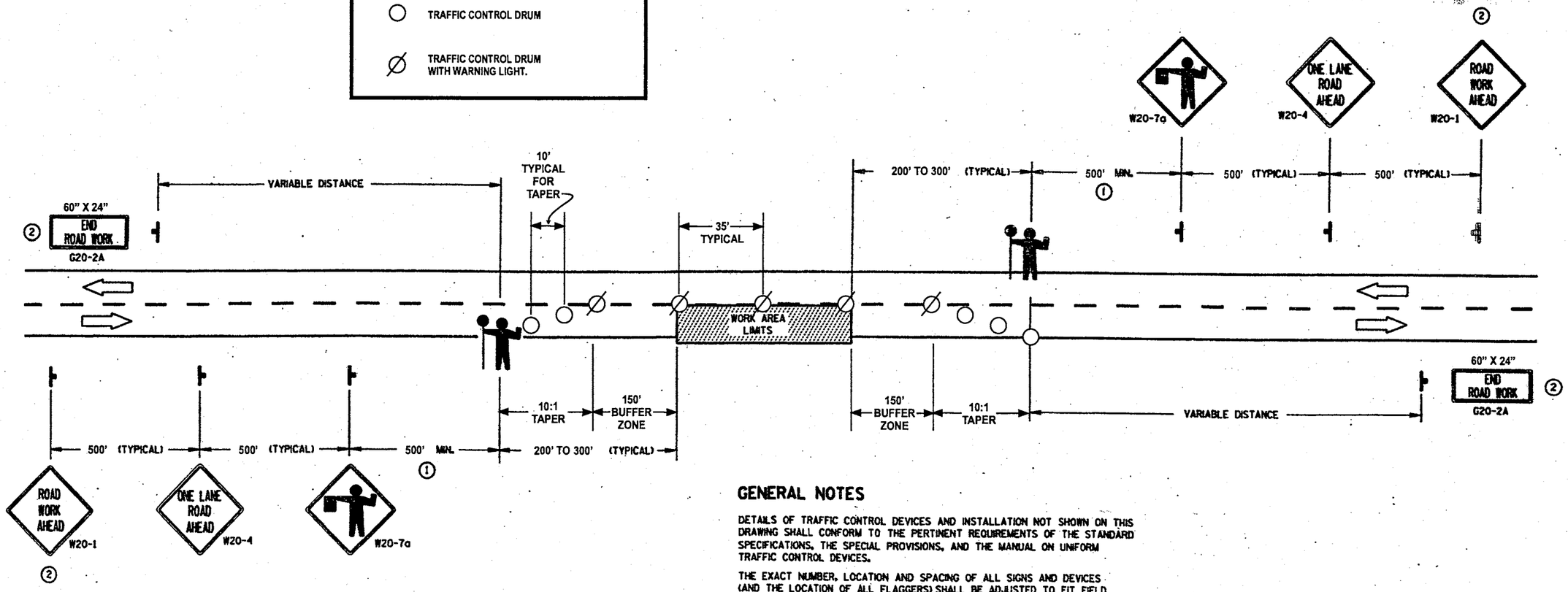
TWO-LANE ROADWAY

SYMBOLS

- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH WARNING LIGHT.

W20-7b

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS DIRECTED BY THE ENGINEER.

② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, THE "FLAGGER AHEAD", THE "ROAD WORK AHEAD" AND THE ONE LANE ROAD AHEAD" SIGNS SHALL BE COVERED OR REMOVED AND THE HIGHWAY RESTORED TO NORMAL OPERATION.

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

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

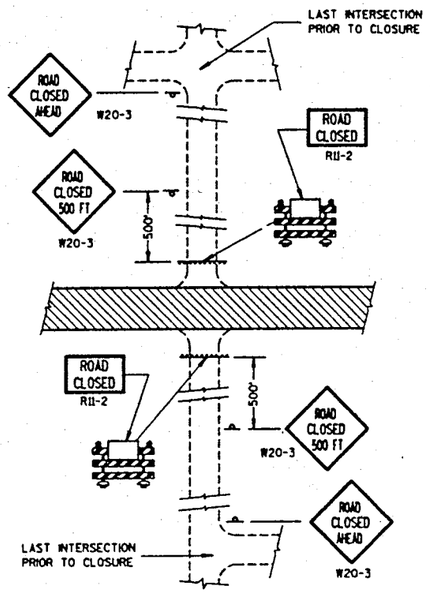
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8-1-96
DATE
for DIRECTOR, OFFICE OF TRAFFIC

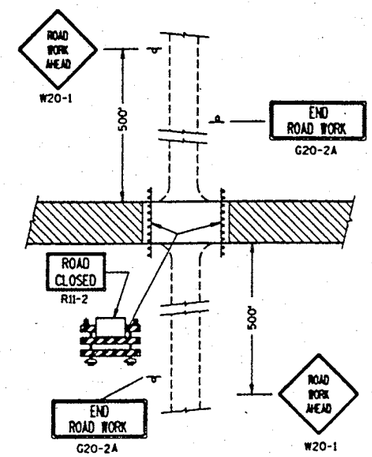
FHWA

M

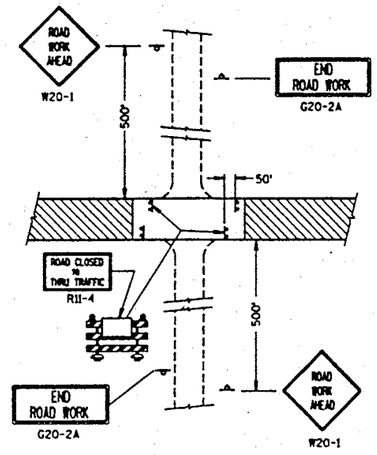
1998.017.22



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND THEIR LOCATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISCONSIN MANUAL OF TRAFFIC CONTROL DEVICES, THE PLANS, SPECIFICATIONS AND CONTRACT.

SIGN AND BARRICADE LOCATIONS MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER. ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS WORK SHALL BE COVERED AS DIRECTED BY THE ENGINEER. ALL "STOP" OR OTHER REGULATORY SIGNS ON THE SIDE ROADS SHALL NOT BE DISTURBED, EXCEPT WHEN NECESSARY TO COMPLETE THE WORK. THE SIGNS MUST THEN BE IMMEDIATELY REESTABLISHED.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL FOR FULL ROAD CLOSURES. TYPE "A" LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE ROAD CLOSED SIGN (R11-2), ROAD CLOSED ___ MILES AHEAD SIGN (R11-3) AND THE ROAD CLOSED TO THRU TRAFFIC SIGN (R11-4) SHALL BE ATTACHED ONLY TO THE TOP RAIL OF THE TYPE III BARRICADE. THE SIGNS SHALL NOT COVER MIDDLE RAIL.

TYPE "H" REFLECTIVE SHEETING SHALL BE USED ON ALL BARRICADES, TYPE I, II AND III, AND ON ALL R11-2, R11-3 AND R11-4 SIGNS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2, "ROAD CLOSED" SIGNS SHALL BE 48" X 30".
- R11-3, AND R11-4 SIGNS SHALL BE 60" X 30".
- G20-2A SIGNS SHALL BE 48" X 24".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND AT LEAST ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN.

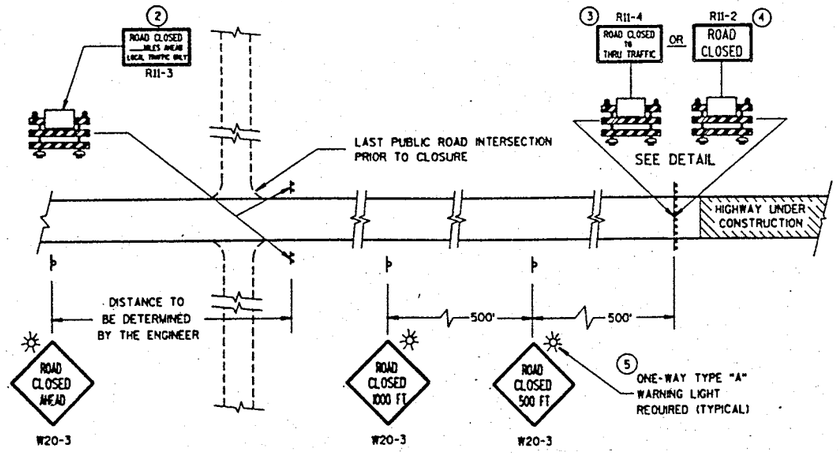
(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT. SEE LANE CLOSURE BARRICADE DETAIL

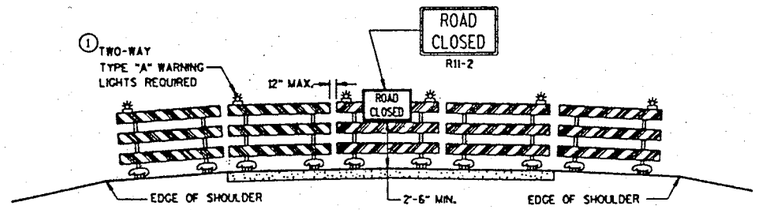
(4) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT. SEE ROAD CLOSURE BARRICADE DETAIL.

(5) ONE-WAY LIGHTS SHALL BE PROVIDED ON ALL ADVANCE WARNING SIGNS. THE UNIT SHALL BE POSITIONED SUCH THAT THE LIGHT SOURCE IS OUTSIDE THE SIGN FACE AND AT THE TOP OF THE SIGN.

SIDEROAD CLOSURES

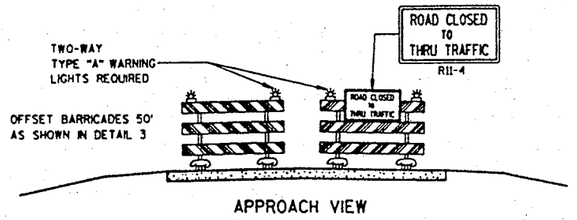


MAINLINE CLOSURE



APPROACH VIEW

ROAD CLOSURE BARRICADE DETAIL



APPROACH VIEW

LANE CLOSURE BARRICADE DETAIL

LEGEND

- POST MOUNTED WARNING SIGN
- TYPE III BARRICADES WITH TYPE "H" REFLECTIVE SHEETING
- TYPE "A" LOW INTENSITY FLASHING WARNING LIGHT (FOR NIGHT USE)
- WORK AREA

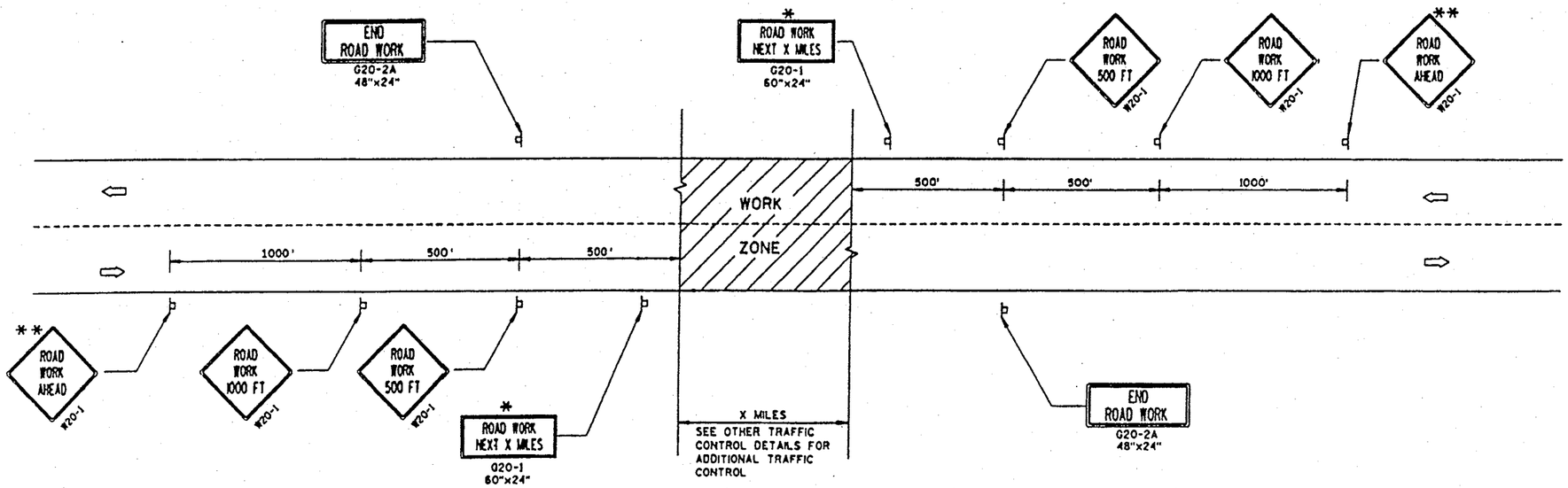
BARRICADES AND SIGNS FOR ROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

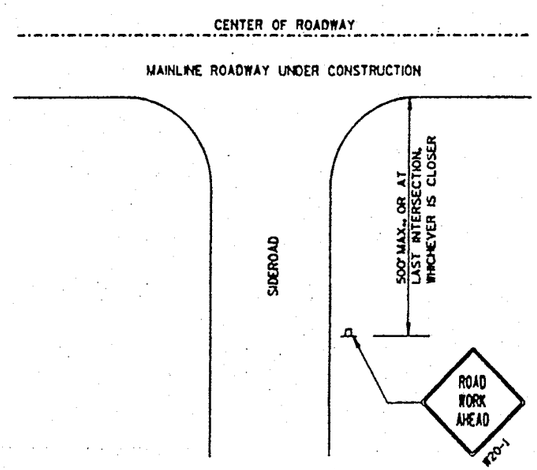
APPROVED
8-10-95 DATE
Charles J. Sprang for DIRECTOR, OFFICE OF TRAFFIC
FHWA

S.D.D. 15 C 2-3

S.D.D. 15 C 2-3



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 MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

** PLACE ADDITIONAL W20-1 "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA OR SIGNING.

LEGEND

- POST MOUNTED SIGN
- DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL,
ADVANCE WARNING SIGNS
45 M.P.H. OR GREATER
TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/31/90
DATE

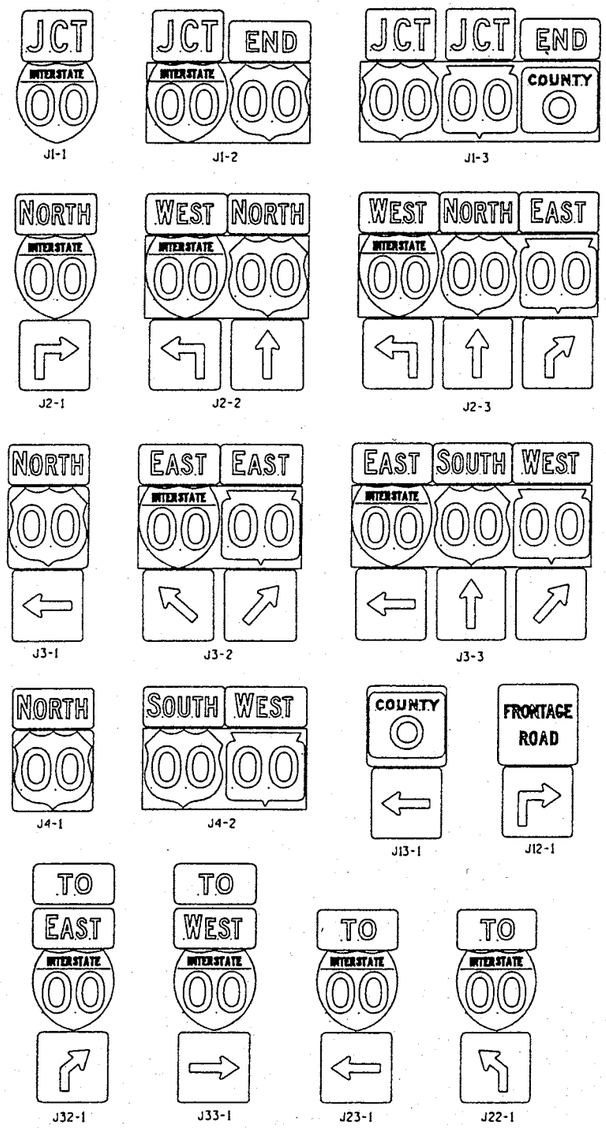
CHIEF SIGNS AND MARKING ENGINEER

FHWA

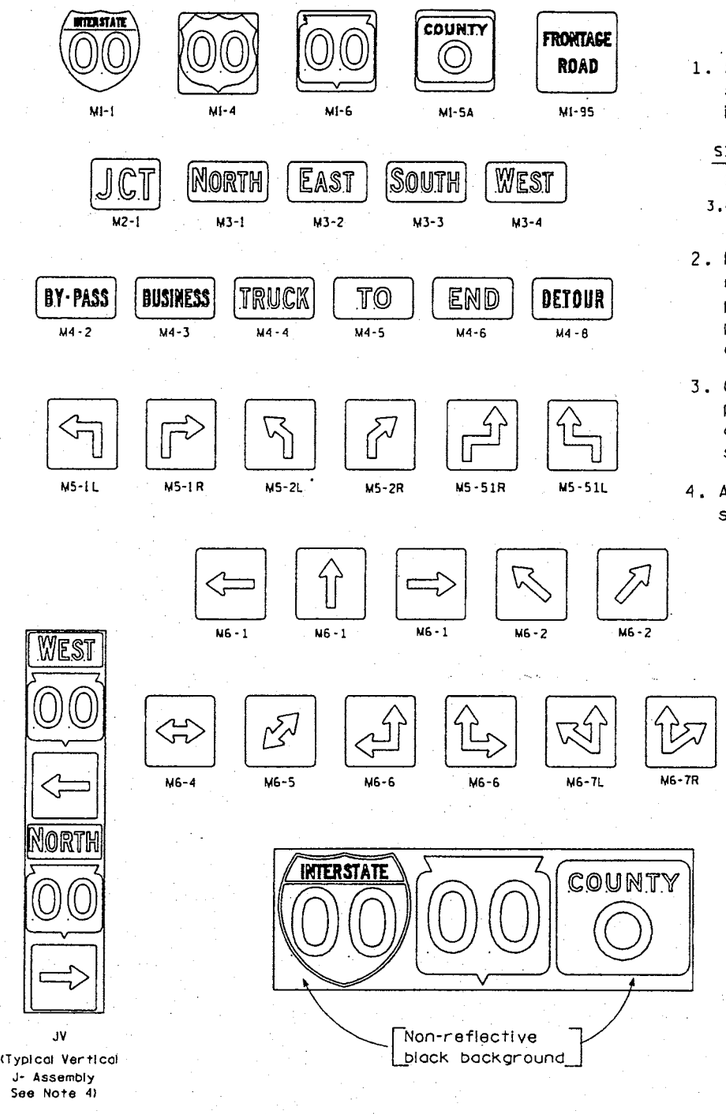
S.D.D. 15 C 4-1

S.D.D. 15 C 4-1

TYPICAL ASSEMBLIES



INDIVIDUAL COMPONENTS OF ASSEMBLIES



GENERAL NOTES

1. All components within any individual assembly shall be the same "size". The following table illustrates that situation:

SIZE	M1'S	M2	M3'S & M4'S	M5'S & M6'S
2	24 X 24	21 X 15	24 X 12	21 X 21
3,4-5	36 X 36	30 X 21	30 X 15	30 X 30

2. For any assembly containing two or more route markers, the route markers SHALL be placed on a single high density overlay PLYWOOD panel. All other materials within the assembly can be either plywood or aluminum.

3. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 marker shall be blue.

4. All vertical J assemblies are given a sign code of JV.

ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

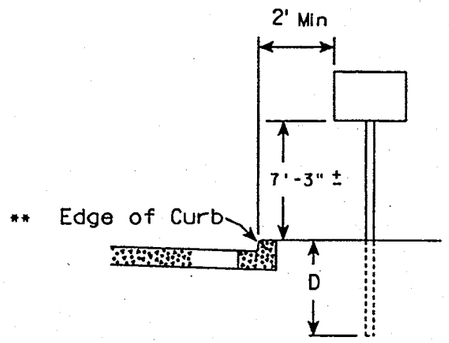
WISCONSIN DEPT OF TRANSPORTATION

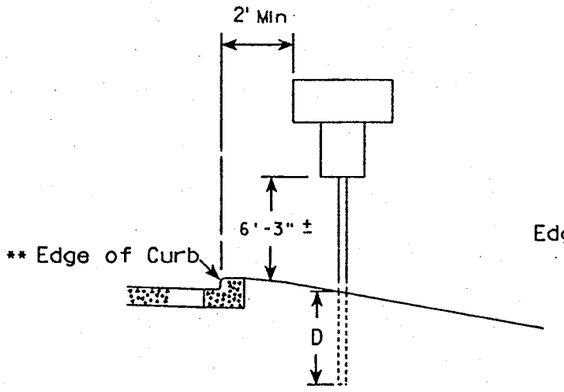
APPROVED Charles J Spary for State Traffic Engineer

DATE 3/06/00 A2-1.6

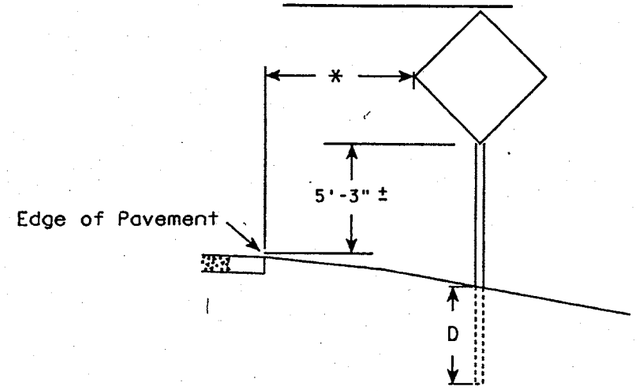
SHEET NO: E

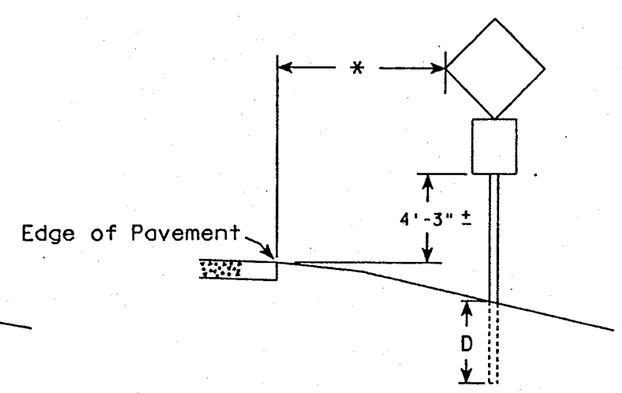
URBAN AREA





RURAL AREA (See Note 2)





GENERAL NOTES

1. Sign assemblies wider than 4 feet and larger than 20 sq. ft. shall be mounted on multiple posts. See plate A4-4 for typical installations.
2. For expressway and freeways installations, the minimum mounting height is 7'-3" ± or 6'-3" ± depending upon the existance of a sub-sign.
3. The (±) tolerance for the mounting height is 3 inches.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

** The existance of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically where there is sidewalk adjacent to the roadway or parking is permitted.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edgeline location), whichever is greater unless directed by project engineer.

TYPICAL INSTALLATION OF TYPE II SIGNS ON SINGLE POSTS

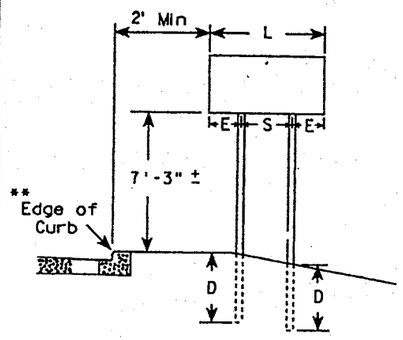
WISCONSIN DEPT OF TRANSPORTATION

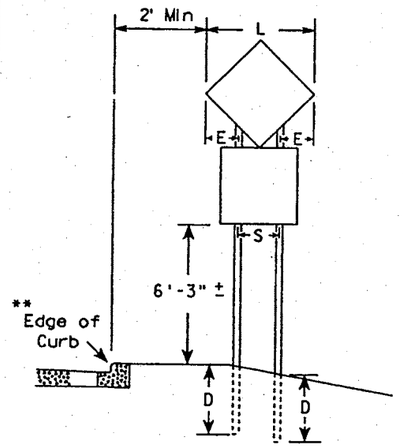
APPROVED Charles J. Gray
for State Traffic Engineer

DATE 12-10-96 PLATE NO. A4-3.10

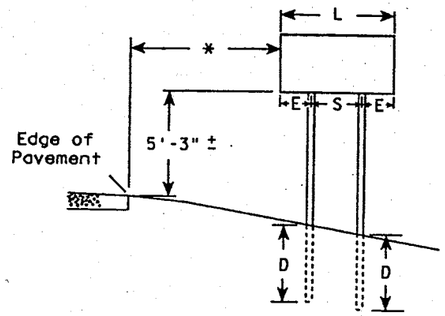
LEVELS ON • 2.1

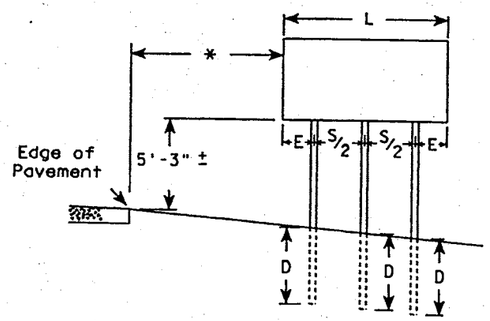
URBAN AREA

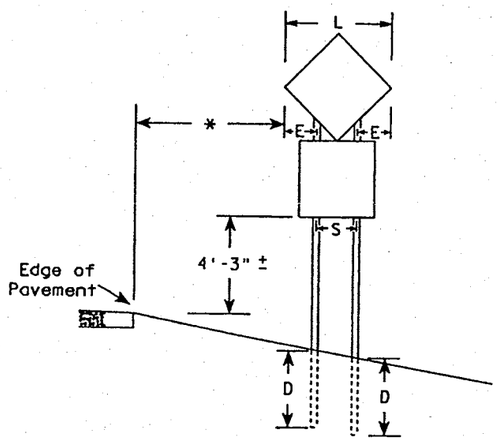




RURAL AREA (See Note 3)







DIAMOND SHAPED SIGNS		
L	S	E
Less than 60"	20"	L/2 - 10
60"--72"	32"	L/2 - 16
Greater than 72"	3 L/5	L/5

SIGN SHAPE OTHER THAN DIAMOND (Two Post Installations)		
L	S	E
Less than 60"	L-24"	12"
60" or more	3 L/5	L/5

GENERAL NOTES

1. For 3 post installations, post spacing is S/2 and S must be greater than 7'-0".
2. For 4 post installations, post spacing is S/3 and S must be greater than 10'-6".
3. For expressway and freeways installations, the minimum mounting height is 7'-3" ± or 6'-3" ± depending upon the existance of a sub-sign.
4. The (±) tolerance for the mounting height is 3 inches.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edgeline location), whichever is greater unless directed by project engineer.

** The existance of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically where there is sidewalk adjacent to the roadway or parking is permitted.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

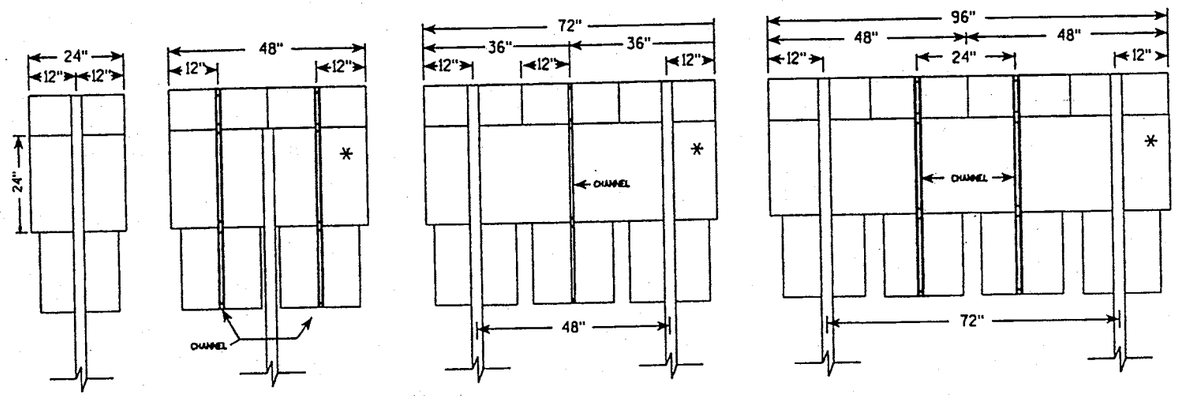
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles T. Seay for State Traffic Engineer

DATE 11-15-96 PLATE NO. A4-4.5

STATE PROJECT NUMBER	SHEET NO.



24" MARKER DETAIL

NOTES;

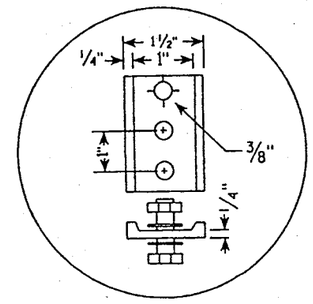
1. Post spacing shall be according to this detail but post embedment depth shall be in accordance with A4-4.
2. Channel material shall be as specified in Section 633 of Std. Specs. and weight shall be approx. 1.4 lbs/ft.
3. Base material for a multiple marker head panel (*) shall be one piece high density overlay plywood. All other materials within the assembly can be either plywood or aluminum.

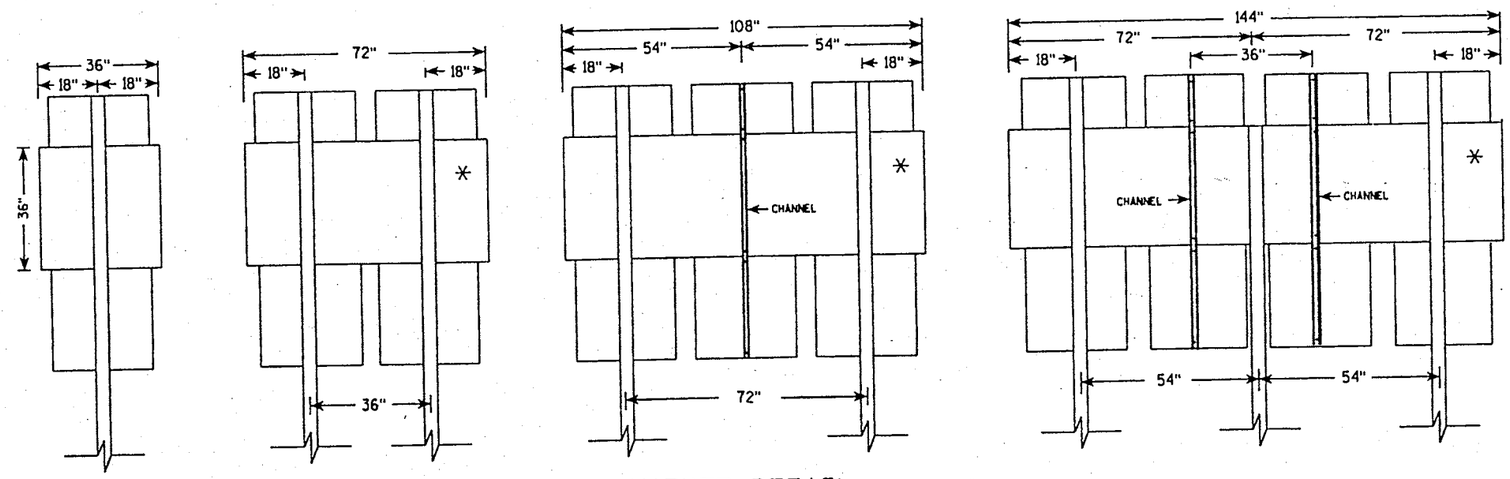
CHANNEL HARDWARE:

Aluminum Sign components: -1/4" x 3/4" bolt and 1/4" flat washers

Plywood Sign Components: -1/4" x 1 1/4" bolt and 1/4" flat washers

CHANNEL DETAIL





36" MARKER DETAIL

TYPICAL PANEL INSTALLATION FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles J. Sayer for State Traffic Engineer

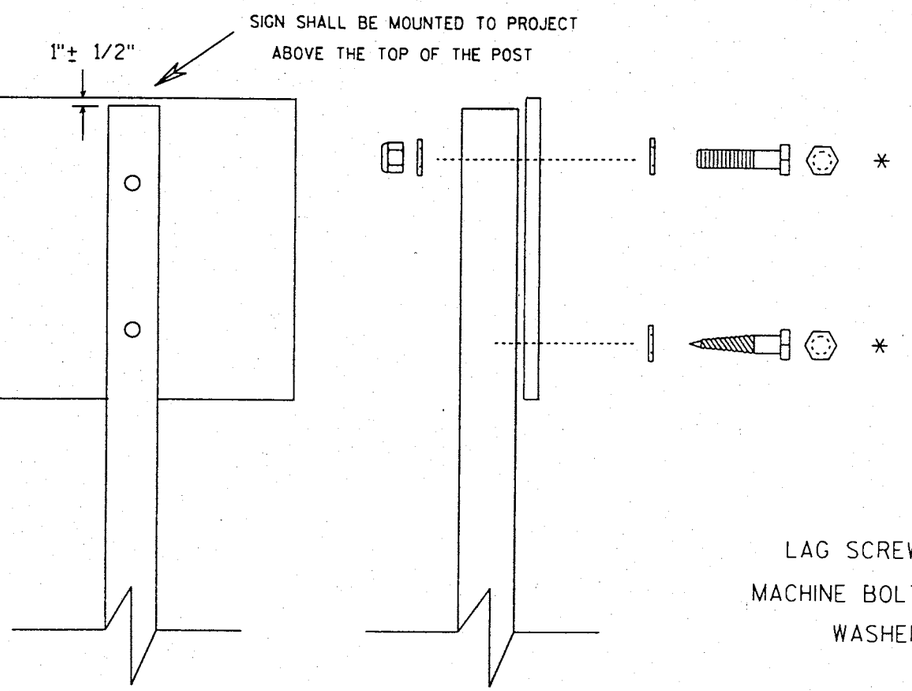
DATE 10-28-96 PLATE NO. A4-5.4

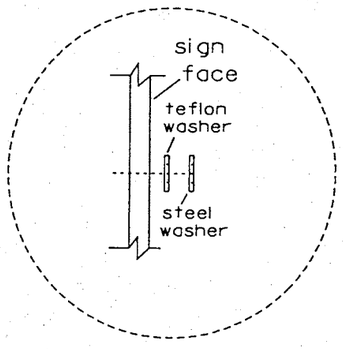
WISDOT/CADDS SHEET 42

LEVELS ON - 1.2

79

STATE PROJECT NUMBER | SHEET NO.





Washer Placement when
Sign Has Type H Face

Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D, or
b. Cadmium plated in accordance with ASTM Designation : B 766 TYPE 3, Class 12, or
c. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

LAG SCREWS - 3/8" X 3"
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts
WASHERS - 1" O.D. X 3/8" I.D. X 1/16" STEEL for signs 24x24 and smaller.
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL for signs 24x30 to 36x48.
1-1/2" O.D. X 7/16" I.D. X 1/16" STEEL for signs 48x48 and larger.
1-1/4" O.D. X 3/8" I.D. X .080 TEFLON for all Type H signs.

* Two different fastening systems are shown for illustration purposes only. On any individual sign, either one or the other system shall be used unless otherwise indicated in the special provisions.

ATTACHMENT OF SIGNS
TO WOOD POSTS

WISCONSIN DEPT OF TRANSPORTATION

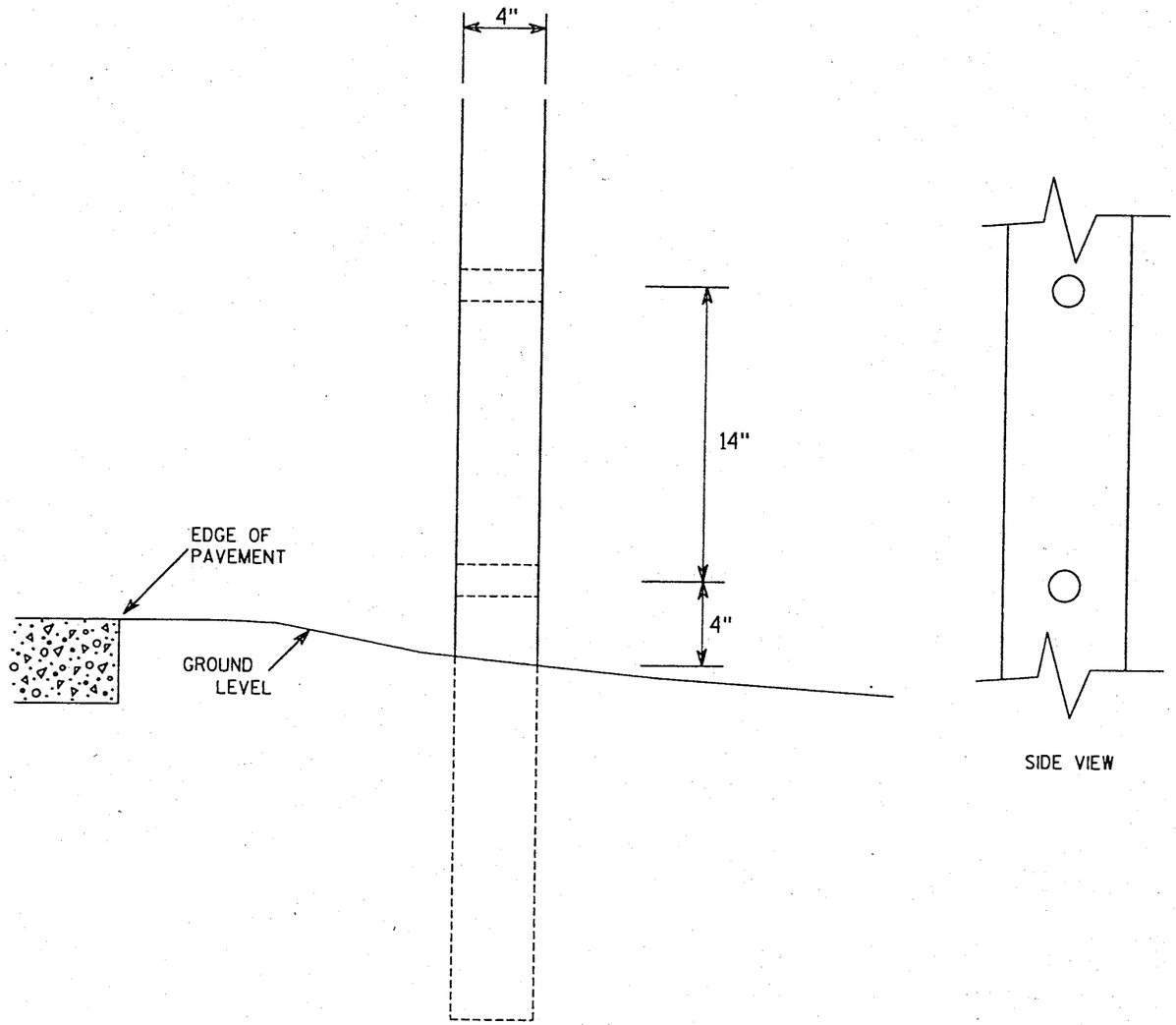
APPROVED

DATE 4 3 96 PLATE NO. A4 8.3

WISDOT/CADDS SHEET 42

88

STATE PROJECT NUMBER | SHEET NO.



SIDE VIEW

GENERAL NOTES

1. All 4x6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

DATE DRAWN 11-1-91 DATE REDRAWN _____
DATE REVISED _____ _____

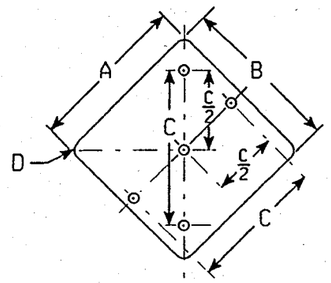
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Robert F. Russell
State Traffic Engineer

DATE 11/5/91 PLATE NO. A4-11.1

STATE PROJECT NUMBER	SHEET NO.



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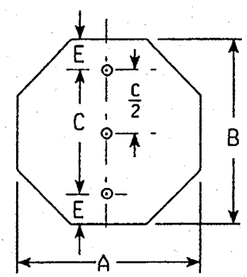

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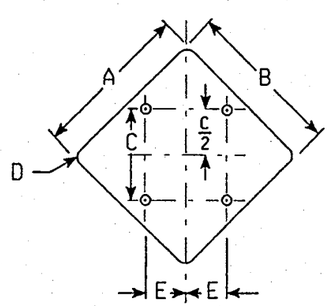

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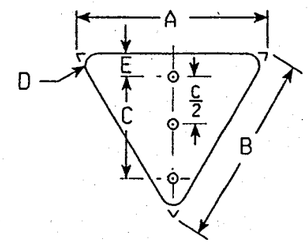

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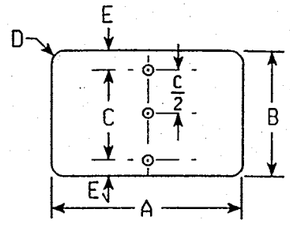


5

TYPE 1 (NOTE 1)						
A	B	C	D	Area Sq. Ft.	THICK NESS	Wt.lbs
24	24	24	1 1/2	4.0	.100	5.65
30	30	30	1 7/8	6.25	.100	8.83
36	36	36	2 1/4	9.0	.125	15.86

TYPE 2 (NOTE 1)						
A	B	C	E	Area Sq. Ft.	THICK NESS	Wt.lbs
30	30	24	3	5.18	.100	7.31
36	36	28	4	7.46	.125	13.15
48	48	36	6	13.25	.125	23.23

TYPE 3 (NOTE 1)							
A	B	C	D	E	Area Sq. Ft.	THICK NESS	Wt.lbs
48	48	26	3	13	16.0	.125	28.16

TYPE 4 (NOTE 1)							
A	B	C	D	E	Area Sq. Ft.	THICK NESS	Wt.lbs
36	36	24	2	2	3.9	.125	6.88
48	48	32	3	3	7.0	.125	12.32

TYPE 5 (NOTE 1)							
A	B	C	D	E	Area Sq. Ft.	THICK NESS	Wt.lbs
18	18	14	1 1/2	2	2.25	.080	2.54
21	15	11	1 1/2	2	2.19	.100	3.06
21	21	17	1 1/2	2	3.06	.100	4.32
24	12	8	1 1/2	2	2.0	.100	2.82
24	18	14	1 1/2	2	3.0	.100	4.24
24	24	20	1 1/2	2	4.0	.100	5.65
24	30	22	1 1/2	4	5.0	.100	7.06
30	12	8	1 1/2	2	2.5	.100	3.18
30	15	11	1 1/2	2	3.13	.100	4.42
30	18	14	1 1/2	2	3.75	.100	5.30
30	21	17	1 1/2	2	4.37	.100	6.18
30	24	20	1 1/2	2	5.0	.100	7.06

TYPE 5 CONT'D.							
A	B	C	D	E	Area Sq. Ft.	THICK NESS	Wt.lbs
30	30	22	1 7/8	4	6.25	.100	8.82
36	12	8	1 1/2	2	3.0	.125	5.29
36	18	14	1 1/2	2	4.5	.125	7.94
36	24	20	1 1/2	2	6.0	.125	10.58
36	36	26	2 1/4	5	9.0	.125	15.86
48	24	20	1 7/8	2	8.0	.125	14.08
48	48	32	3	8	16.0	.125	28.16
21	15	11	1 1/2	2	2.19	.040	1.23
21	21	17	1 1/2	2	3.06	.040	1.71
24	12	8	1 1/2	2	2.0	.040	1.12
24	24	20	1 1/2	2	4.0	.040	2.24

NOTES

1. The 36 and 48 inch size of Type #1, #2, #3, #4 & #5 blanks require the center mounting hole.
2. All sign blanks shall have 7/16 Dia. mounting holes except as noted.

STANDARD LAYOUT OF ALUMINUM SIGN BLANKS

SHEET 1 OF 3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 4/4/97 PLATE NO. A5-3A.13

WISDOT/CADDS METRIC SHEET M

PLOT SCALE: .05 : 1

PLOT NAME:

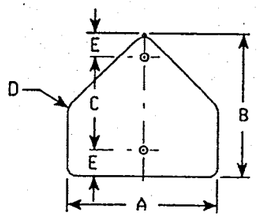
REV. DATE: 3-27-97

ORIGINATOR: Don Kluever

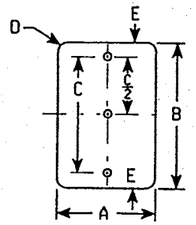
FILE NAME: 0530
LEVELS ON - 2.14.66

82

STATE PROJECT NUMBER | SHEET NO.



6



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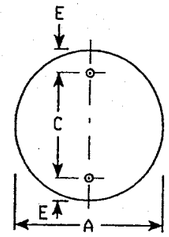

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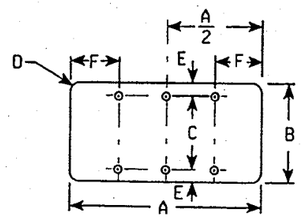


9

TYPE 6							
A	B	C	D	E	Area Sq. Ft	THICK NESS	Wt.lbs.
30	30	24	1 3/8	3	4.68	.100	6.61
36	36	26	1 5/8	5	6.75	.125	11.90
48	48	32	1 7/8	8	12.0	.125	21.12

TYPE 8 (NOTE 2)						
A	B	C	E	Area Sq. Ft.	THICK NESS	Wt.lbs
30	—	24	3	4.91	.100	6.94
36	—	26	5	7.07	.125	13.58
48	—	32	8	12.5	.125	22.00

TYPE 7 (NOTE 1)							
A	B	C	D	E	Area Sq. Ft.	THICK NESS	Wt.lbs
12	24	20	1 1/2	2	2.0	.080	2.26
12	36	24	1 1/2	6	3.0	.100	4.23 *
15	21	18	1 1/2	1 1/2	2.19	.080	2.48
18	24	20	1 1/2	2	3.0	.080	3.39
18	54	36	2 1/2	9	6.75	.100	9.52
24	36	24	1 1/2	6	6.0	.100	8.46
24	48	32	1 7/8	8	8.0	.100	11.28
36	48	32	1 7/8	8	12.0	.125	21.12
48	60	40	3	10	20.0	.125	35.20

TYPE 9								
A	B	C	D	E	F	Area Sq. Ft.	THICK NESS	Wt.lbs
48	24	20	1 7/8	2	12	8.0	.125	14.08

NOTES

1. When C is greater than 24 inches, type #7 blanks shall have 3 mounting holes.
2. All sign blanks shall have 7/16 Dia. mounting holes except as noted.

* Indicates 3/16 Dia. mounting holes.

STANDARD LAYOUT OF ALUMINUM SIGN BLANKS

SHEET 2 OF 3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spaeg for State Traffic Engineer

DATE 4/4/97 PLATE NO. A5-3A.13

WISDOT/CADDS METRIC SHEET M

PLOT SCALE: .65 : 1

PLOT NAME: .65 : 1

58.59.60 63

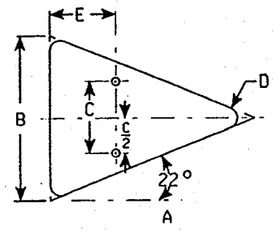
REV. DATE: 3/7/97

ORIGINATOR: Don Kluever

FILE NAME: 0530

LEVELS ON: 2,3,4,5,6 10

83



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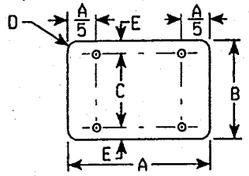
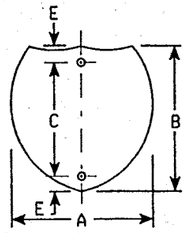


11



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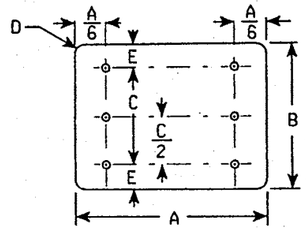


13

TYPE 10 (NOTE 1)							
A	B	C	D	E	Area Sq. Ft.	THICK NESS	Wt. lbs
48	36	14	2¼	16	6.0	.125	10.58

TYPE 11							
A	B	C	D	E	Area Sq. Ft.	THICK NESS	Wt. lbs
48	48	32	3	8	16.0	.125	28.16

TYPE 12 (NOTE 2)						
A	B	C	E	Area Sq. Ft.	THICK NESS	Wt. lbs
24	24	18	3	3.13	.100	4.42
30	24	18	3	3.91	.100	5.52
36	36	28	4	7.03	.125	12.39
45	36	28	4	8.79	.125	15.49

TYPE 13							
A	B	C	D	E	Area Sq. Ft.	THICK NESS	Wt. lbs
48	48	32	3	8	16.0	.125	28.16
48	60	40	3	10	20.0	.125	35.20

NOTES

1. Dimension A on type #10 is measured to the theoretical intersections of the edges.
2. Shape of type #12 shall conform to FHWA standard for Interstate route markers.

STANDARD LAYOUT OF ALUMINUM SIGN BLANKS

SHEET 3 OF 3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spagg for State Traffic Engineer

DATE 4/4/97 PLATE NO. A5-3A.13

WISDOT/CADDS METRIC SHEET M

PLOT SCALE: .65 : 1

PLOT NAME:

REV. DATE: 3/7/97

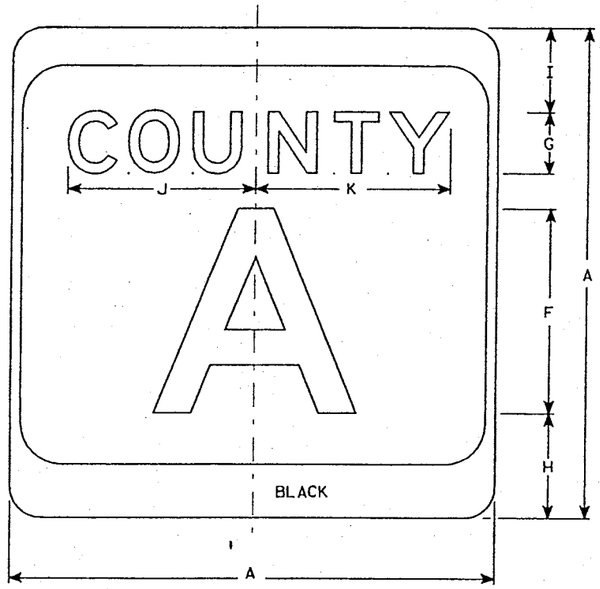
ORIGINATOR: Don Kluever

FILE NAME: a53a
LEVELS ON: 2,3,4,5,6

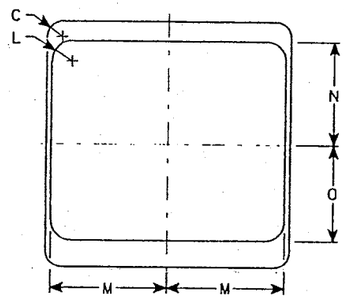
STATE PROJECT NUMBER	SHEET NO.

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 - 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.



M1-5A



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

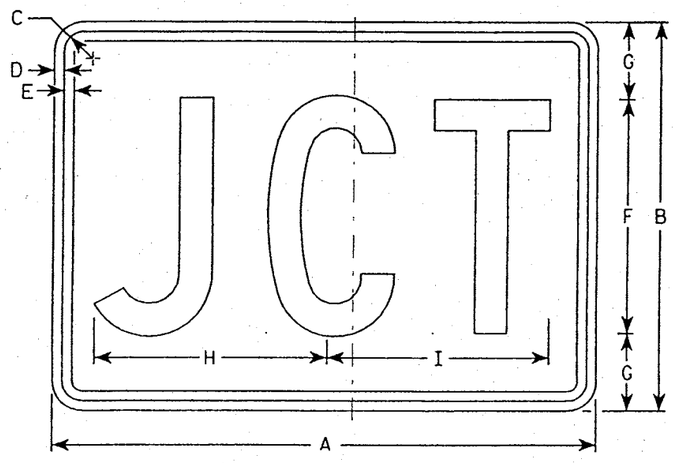
APPROVED Chester J Spaze for State Traffic Engineer

DATE 10/15/98 PLATE NO. M1-5A.6

WISDOT/CADDS SHEET 42

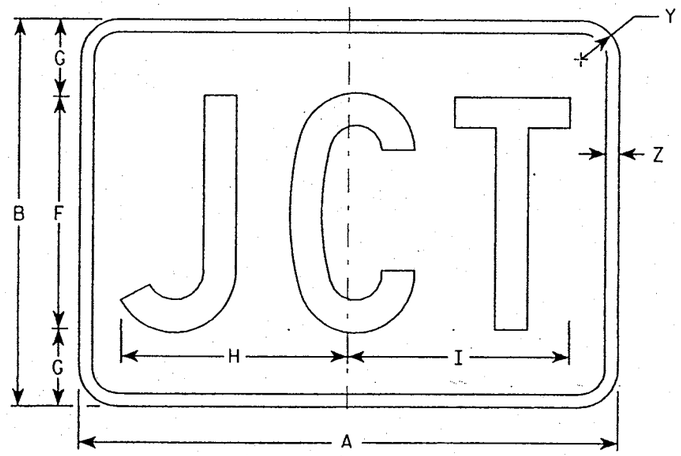
85

STATE PROJECT NUMBER	SHEET NO.



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 - Se 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 - Reflective white
   Message - Black
   MB2-1 Background - Reflective blue
   Message - Reflective white
   MG2-1 Background - Reflective green
   Message - Reflective white
   MK2-1 Background - Non-refective green
   Message - Non-reflective white
   MM2-1 Background - Reflective white
   Message - Reflective green
   MN2-1 Background - Reflective brown
   Message - Reflective white
   MR2-1 Background - Non-reflective brown
   Message - Non-reflective yellow
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	1/2	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.39
4	30	21	1 1/8	3/8	1/2	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.39
5	30	21	1 1/8	3/8	1/2	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.39

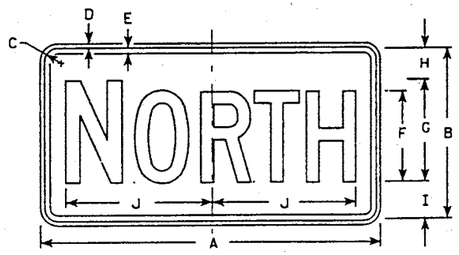
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

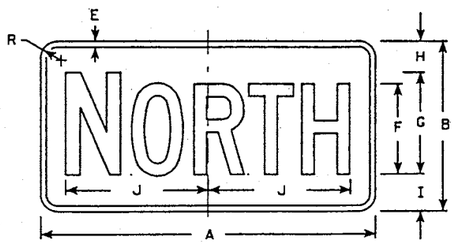
APPROVED Charles J Spang
for State Traffic Engineer

DATE 2/10/99 PLATE NO. M2-1.7

STATE PROJECT NUMBER	SHEET NO.



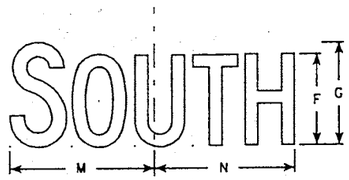
M3-1
MK3-1
MO3-1



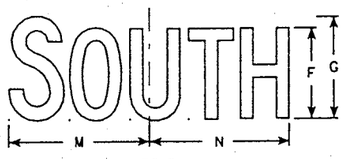
MB3-1
MG3-1
MM3-1*
MN3-1

M3-2
MK3-2
MO3-2

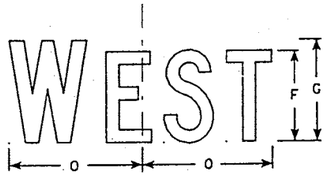
MB3-2
MG3-2
MM3-2*
MN3-2



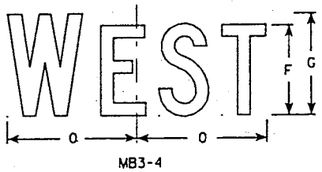
M3-3
MK3-3
MO3-3



MB3-3
MG3-3
MM3-3*
MN3-3



M3-4
MK3-4
MO3-4



MB3-4
MG3-4
MM3-4*
MN3-4

* See Note 6

NOTES

1. All Signs Type II - Reflective - 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 - Reflective white
   Message - Black
   MB3-1 thru MB3-4 Background - Reflective blue
   Message - Reflective white
   MG3-1 thru MG3-4 Background - Reflective green
   Message - Reflective white
   MK3-1 thru MK3-4 Background - Non-Reflective green
   Message - Non-Reflective white
   MM3-1 thru MM3-4 Background - Reflective white
   Message - Reflective green
   MN3-1 thru MN3-4 Background - Reflective brown
   Message - Reflective white
   MO3-1 thru MO3-4 Background - Reflective Orange
   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.

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
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	.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	.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	.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	.28

STANDARD SIGNS
M3-1 thru M3-4
Series

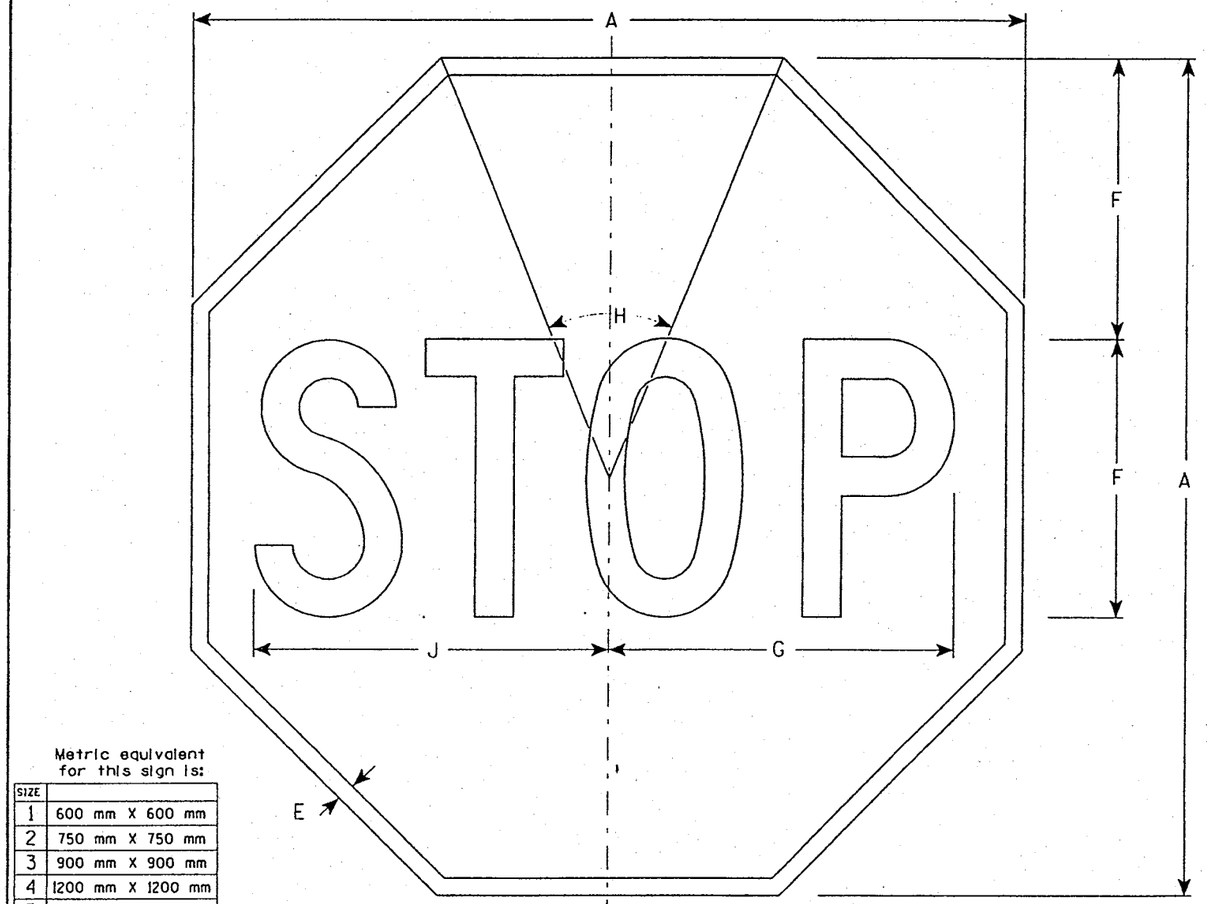
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spagg
for State Traffic Engineer

DATE 4/9/98 PLATE NO. M3-1.8

WISDOT/CADDS METRIC SHEET M

STATE PROJECT NUMBER	SHEET NO.



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

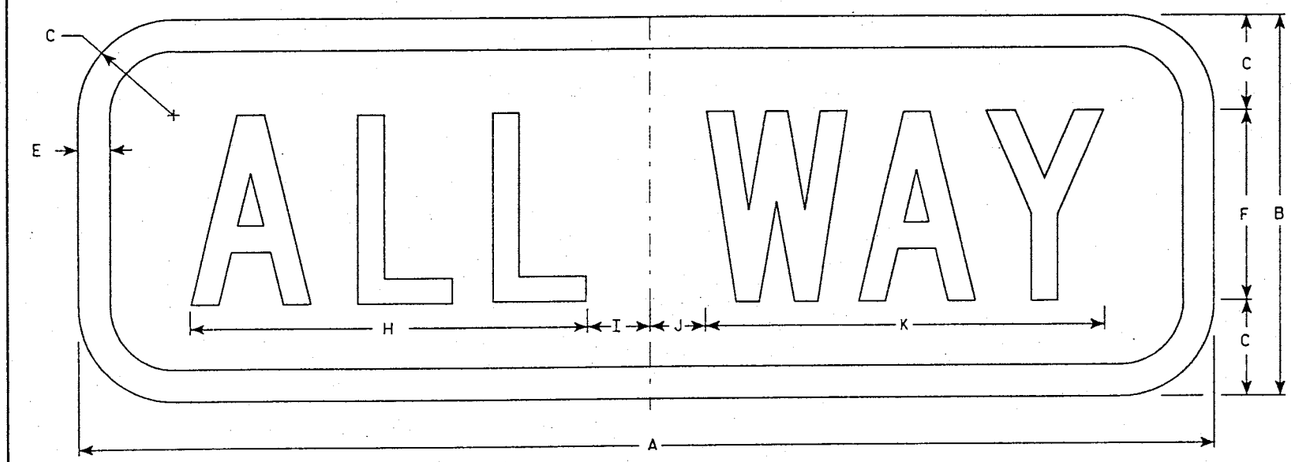
WISDOT/CADDS SHEET 42

88

STATE PROJECT NUMBER	SHEET NO.

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. 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.



R1-4

Metric equivalent for this sign is:

SIZE	
1	450 mm X 150 mm
2	450 mm X 150 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	18	6	1 ½		½	3		6 ¼	1 ¼	⅞	6 ⅜																0.75	0.07
2	18	6	1 ½		½	3		6 ¼	1 ¼	⅞	6 ⅜																0.75	0.07
3																												
4																												
5																												

STANDARD SIGN
R1-4

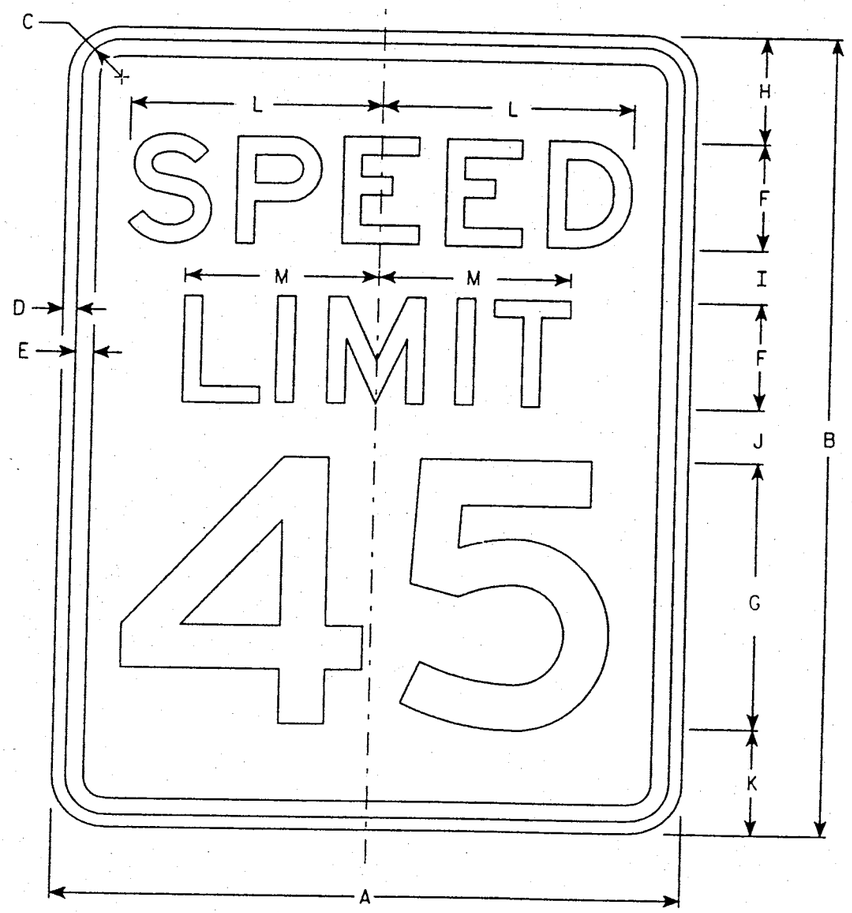
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J. Spang for State Traffic Engineer

DATE 2/4/98 PLATE NO. R1-4.4

WISDOT/CADDS METRIC SHEET M

STATE PROJECT NUMBER	SHEET NO.



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	kgo m. ft.	kgo m
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

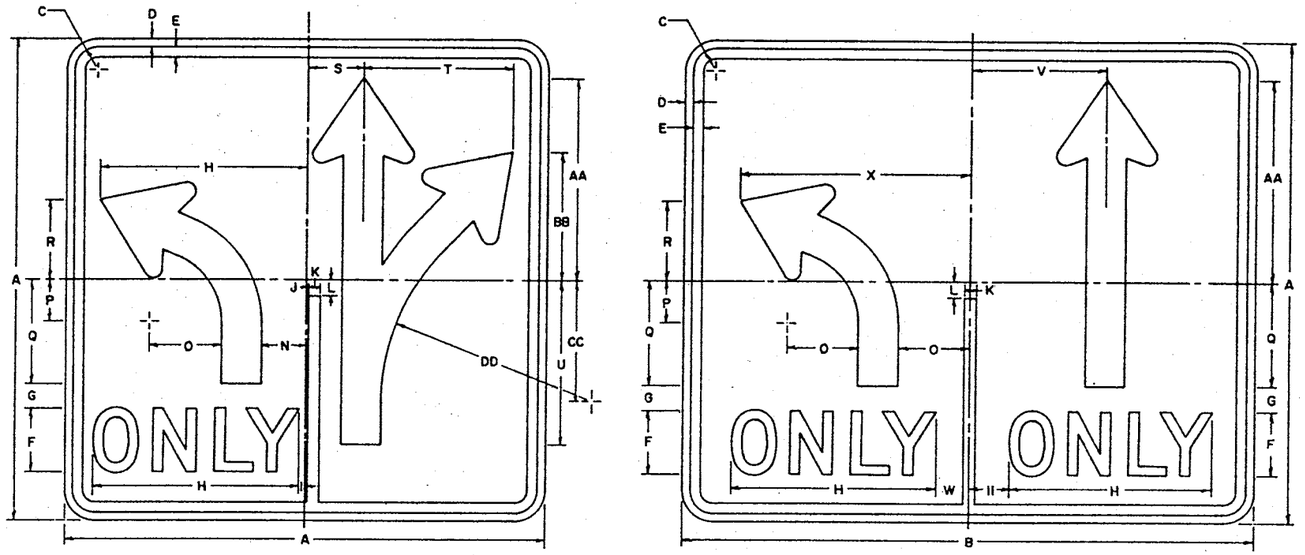
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles J Sykes
for State Traffic Engineer

DATE 6/4/97 PLATE NO. R2-1.10

WISDOT/CADDS METRIC SHEET M



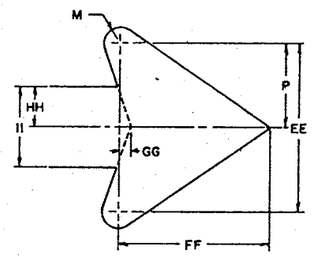
R3-8

NOTES

1. Sign is Type II - Reflective - reference WIS D.O.T. Standard Specification for ROAD and BRIDGE 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.

SIZE	CODE 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	30 x 30 Bid Area Sq. Ft.	36 x 30 Bid Area Sq. Ft.
Minimum	1																												
Standard	2	30	36	$1\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	4	$1\frac{1}{2}$	$12\frac{7}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	$\frac{3}{4}$	1	$\frac{1}{2}$	$2\frac{3}{4}$	$4\frac{1}{2}$	$2\frac{5}{8}$	$6\frac{1}{2}$	5	$3\frac{1}{2}$	$9\frac{3}{8}$	$10\frac{1}{4}$	$8\frac{1}{2}$	2	$14\frac{1}{2}$			6.25	7.5
Oversize	3																												
Exp-way	4																												
Freeway	5																												
Bicycle	6																												
Snowmobile	7																												

		AA	BB	CC	DD	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	RR	SS	TT	UU	VV	WW	XX	YY	ZZ
Minimum	1	$12\frac{5}{8}$	8	$7\frac{1}{2}$	$13\frac{1}{4}$	$5\frac{1}{4}$	$4\frac{3}{4}$	$\frac{3}{8}$	$1\frac{1}{4}$	$2\frac{1}{2}$																	
Standard	2																										
Oversize	3																										
Exp-way	4																										
Freeway	5																										
Bicycle	6																										
Snowmobile	7																										



Date Drawn – Date Redrawn – 9-1-81

Date Revised –

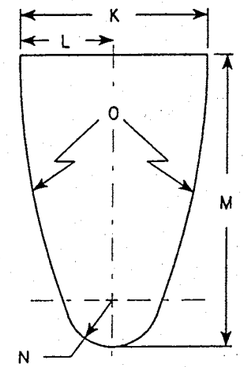
TYPICAL SIGNS
R3-8 SERIES

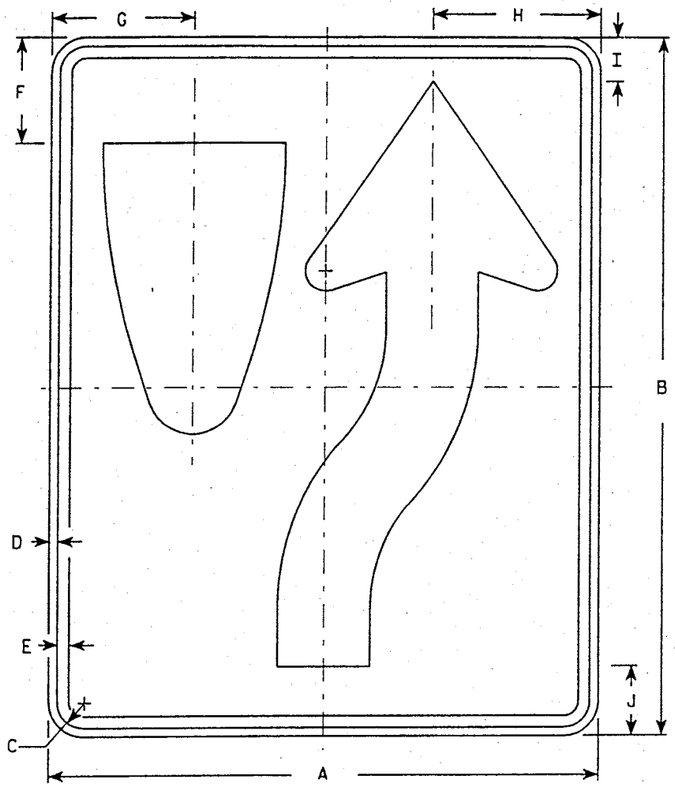
WISCONSIN DEPT OF TRANSPORTATION

APPROVED [signature]
Chief Traffic Engineer

DATE 1-6-83 PLATE NO. R3-8.3

STATE PROJECT NUMBER	SHEET NO.

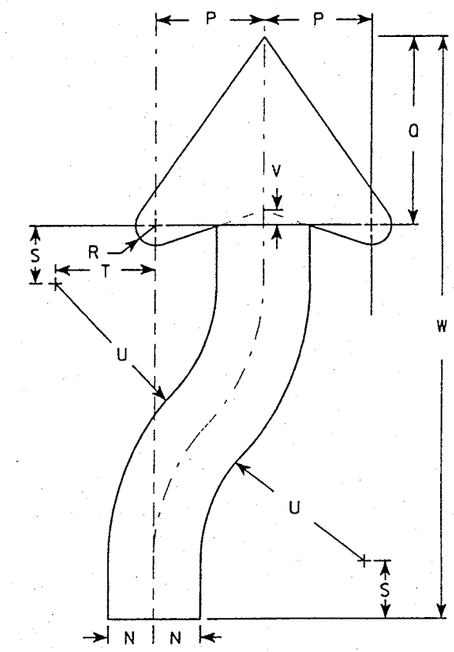




R4-7

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. 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. 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 7/8	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 7/8	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 7/8	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 7/8	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 Chester J Spang for State Traffic Engineer

DATE 12/15/97 PLATE NO. R4-7.6

WISDOT/CADDS METRIC SHEET M

FILE NAME: tr_standard r47.dgn
LEVELS ON: 1,2,3, 5, 10

ORIGINATOR: Sandy Anderson

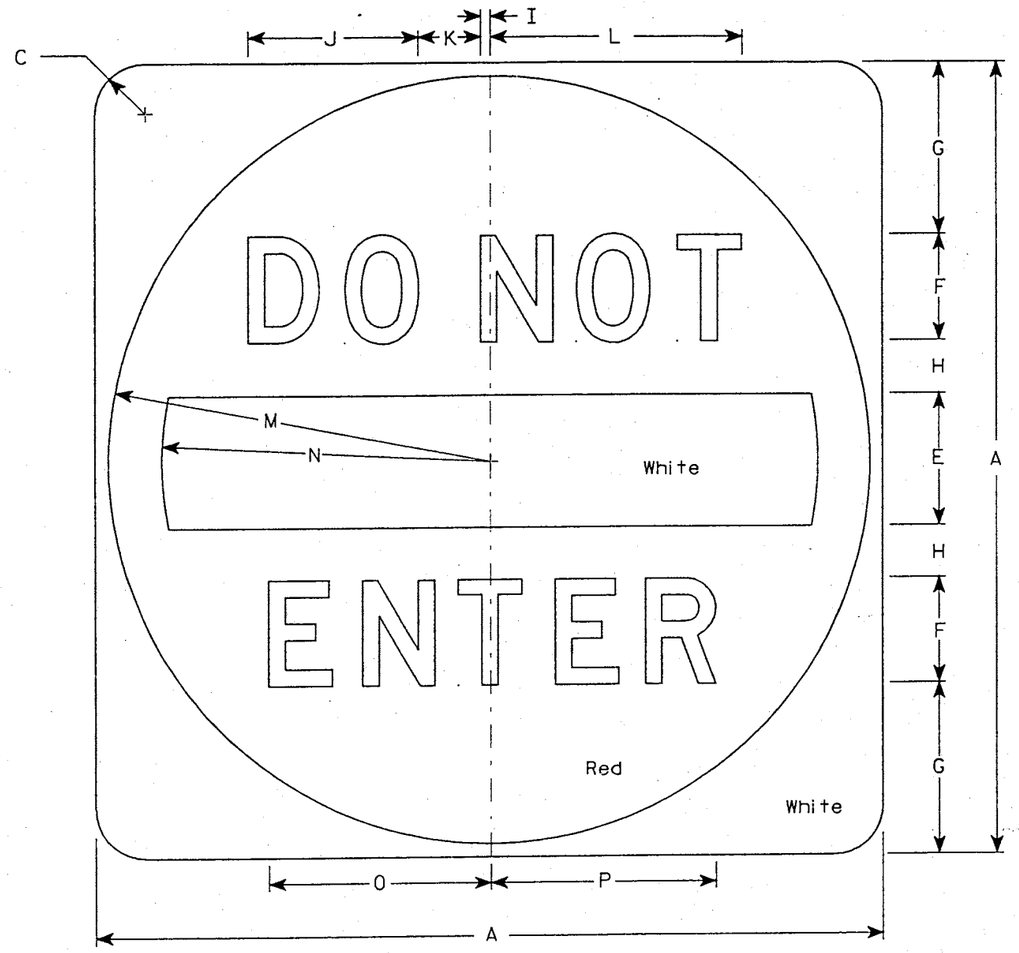
REV. DATE: 12/15/97

PLOT SCALE:

PLOT NAME:

92

STATE PROJECT NUMBER	SHEET NO.



R5-1

NOTES

1. Sign is Type II - Reflective Type H - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See detail
   Message - See Note 5
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors shall be rounded.
5. Message will be reflectorized white letters.

Metric equivalent for this sign is:

SIZE	
1	
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																												
2	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.25	0.56
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0	0.81
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0	0.81
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0	1.44

STANDARD SIGN
R5-1

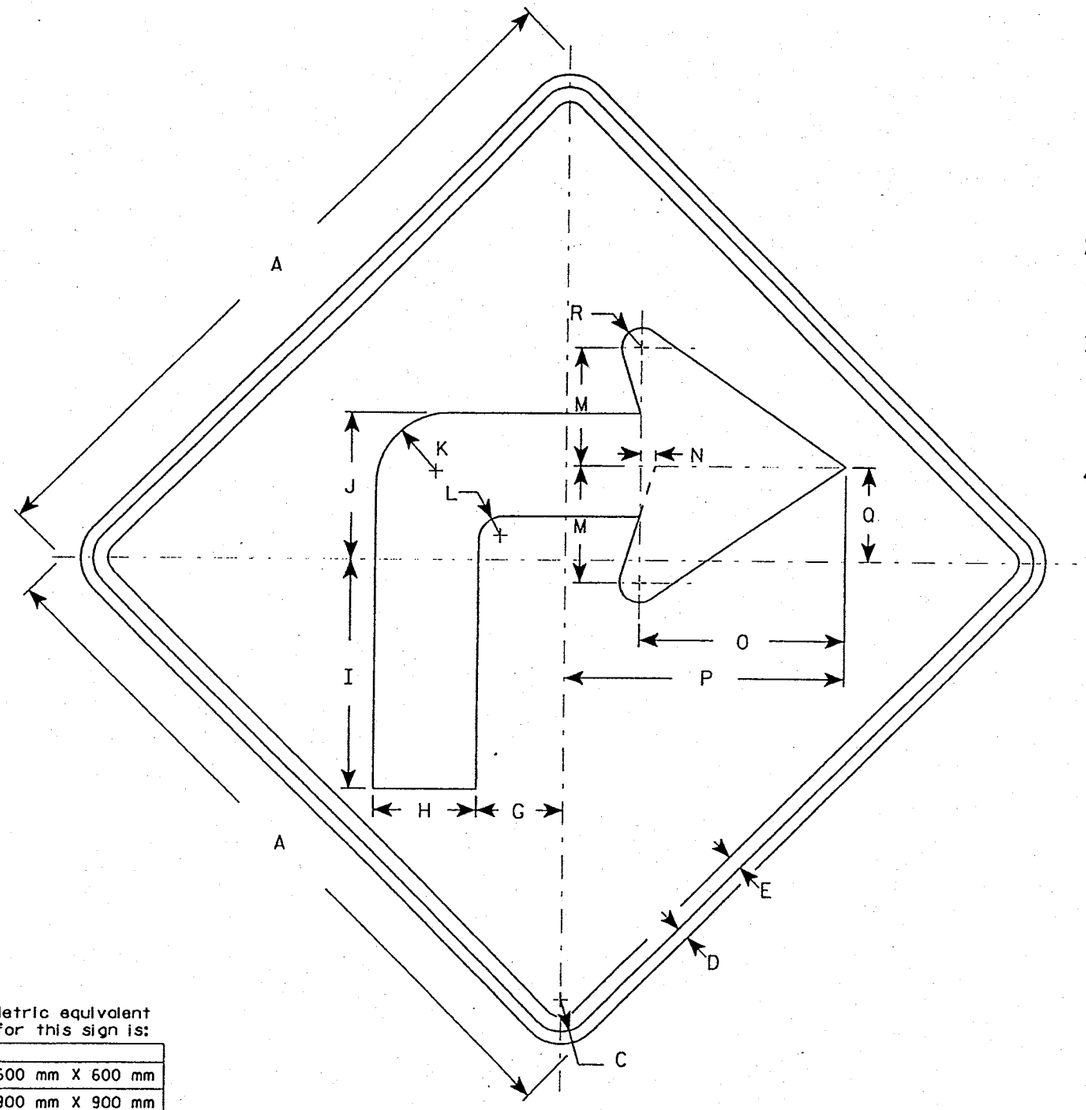
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

DATE 4/21/98 PLATE NO. R5-1.12

WISDOT/CADDS METRIC SHEET M

STATE PROJECT NUMBER	SHEET NO.



W1-1R

NOTES

1. Sign is Type II - 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. W1-1L is the same as W1-1R except the arrow is reversed along the vertical centerline.

Metric equivalent for this sign is:

SIZE	
1	600 mm X 600 mm
2	900 mm X 900 mm
3	900 mm X 900 mm
4	1200 mm X 1200 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	3 1/2	7 3/4	5	2 1/2	7/8	4	1/2	7	9 1/2	3 1/4	5/8										4.0	0.36
2	36		1 5/8	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4	4 7/8	1										9.0	0.81
3	36		1 5/8	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4	4 7/8	1										9.0	0.81
4	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19	6 1/2	1 1/4										16.0	1.44
5	48		2 1/4	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19	6 1/2	1 1/4										16.0	1.44

STANDARD SIGN
W1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spry for State Traffic Engineer

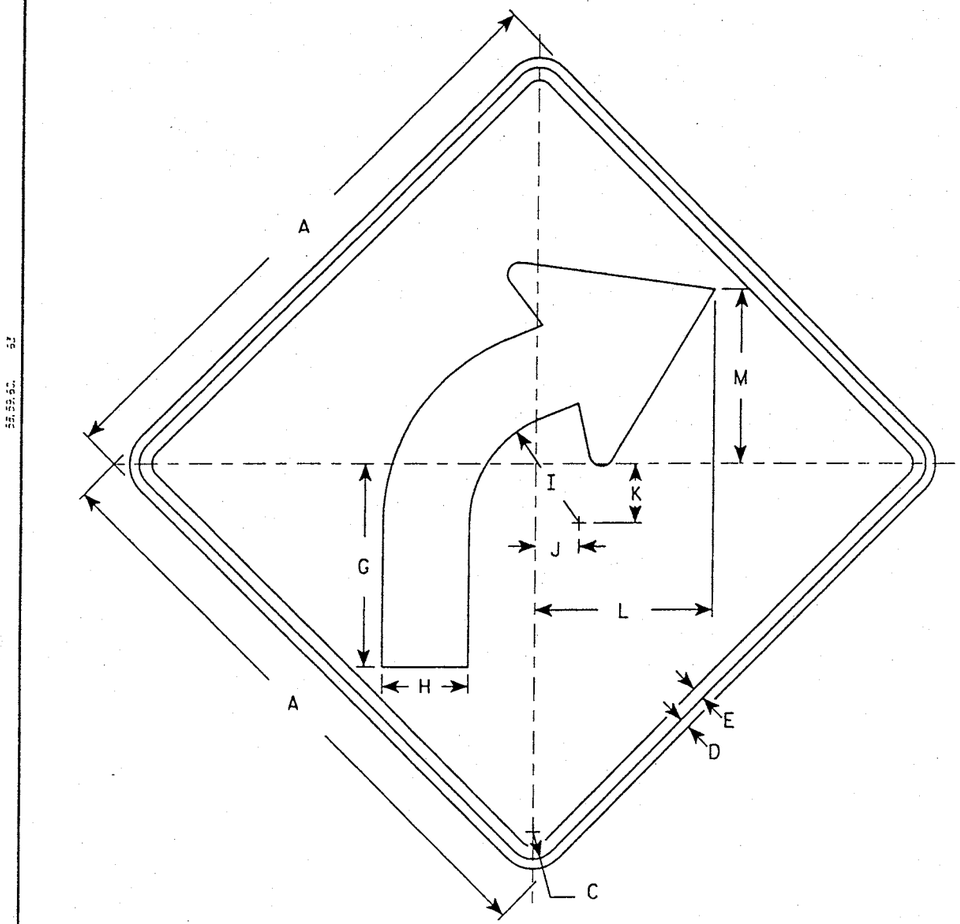
DATE 7/31/97 PLATE NO. W1-1.7

WISDOT/CADDS METRIC SHEET M

PLOT SCALE:
PLOT NAME:
PE DATE: 7/30/97
ORIGINATOR: Don Kluever
FILE NAME: tr_stdplate w11.sgn
LINES OF 23 SE

74

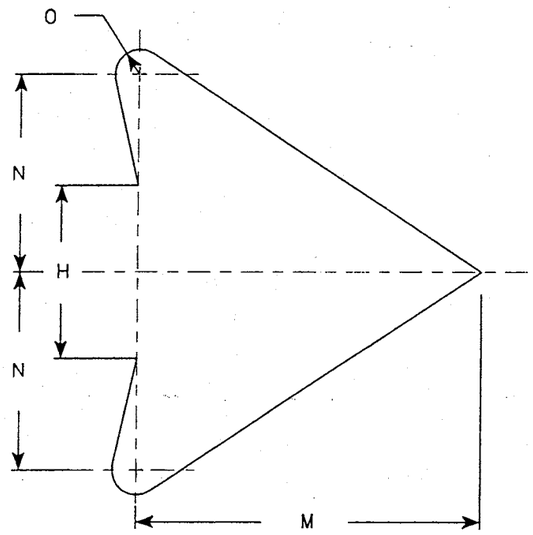
STATE PROJECT NUMBER | SHEET NO.



W1-2R

NOTES

1. Sign is Type II - 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. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

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		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0	0.36
2	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25	0.56
3	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0	0.81
4	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0	0.81
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0	1.44

STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spong for State Traffic Engineer

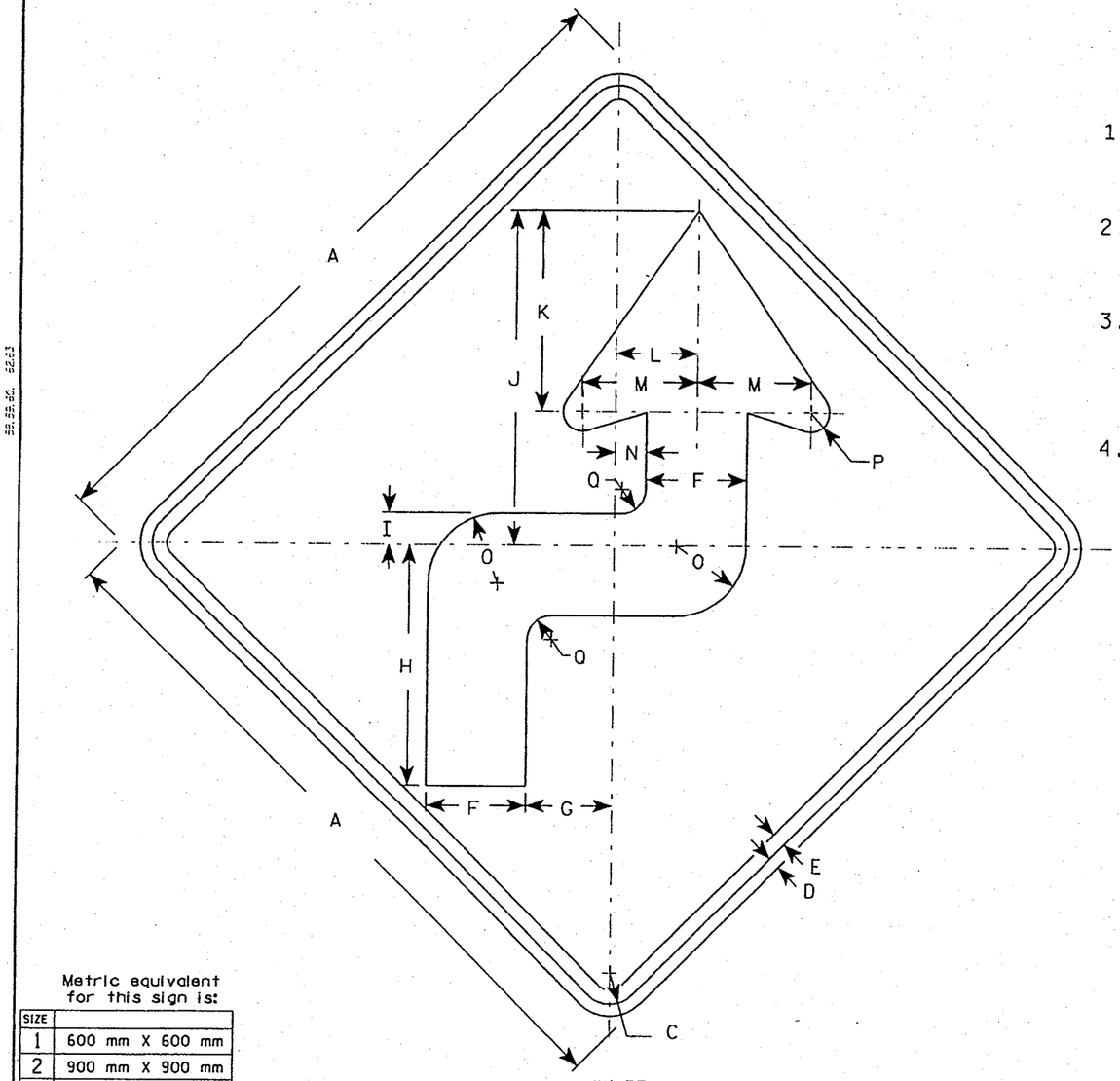
DATE 12/9/97 PLATE NO. W1-2.7

WISDOT/CADDS METRIC SHEET | M

PLOT NAME: PLOT SCALE: PLOT DATE: 12/23/97
FILE NAME: tr_s-sdg\te W12.dgn
DESIGNER: Ccr klug.er ORIGINATOR: Ccr klug.er

95

STATE PROJECT NUMBER	SHEET NO.



NOTES

1. Sign is Type II - 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. W1-3L is the same as W1-3R except the arrow is reversed along the vertical centerline.

Metric equivalent for this sign is:

SIZE	
1	600 mm X 600 mm
2	900 mm X 900 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	3	8 3/8	1 1/8	11 5/8	7	2 3/4	4	1 1/8	2 1/2	5/8	7/8										4.0	0.36
2	36		1 5/8	5/8	3/4	5 1/4	4 1/2	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0	0.81
3	36		1 5/8	5/8	3/4	5 1/4	4 1/2	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0	0.81
4	36		1 5/8	5/8	3/4	5 1/4	6	12 1/2	1 5/8	17 3/8	10 1/2	4 1/4	6	1 5/8	3 5/8	1	1 1/4										9.0	0.81
5	48		2 1/4	3/4	1	7	6	16 5/8	2 1/4	23 1/4	14	5 5/8	8	2 1/8	4 7/8	1 1/4	1 5/8										16.0	1.44

STANDARD SIGN
W1-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles J Spay for State Traffic Engineer

DATE 7/31/97 PLATE NO. W1-3.5

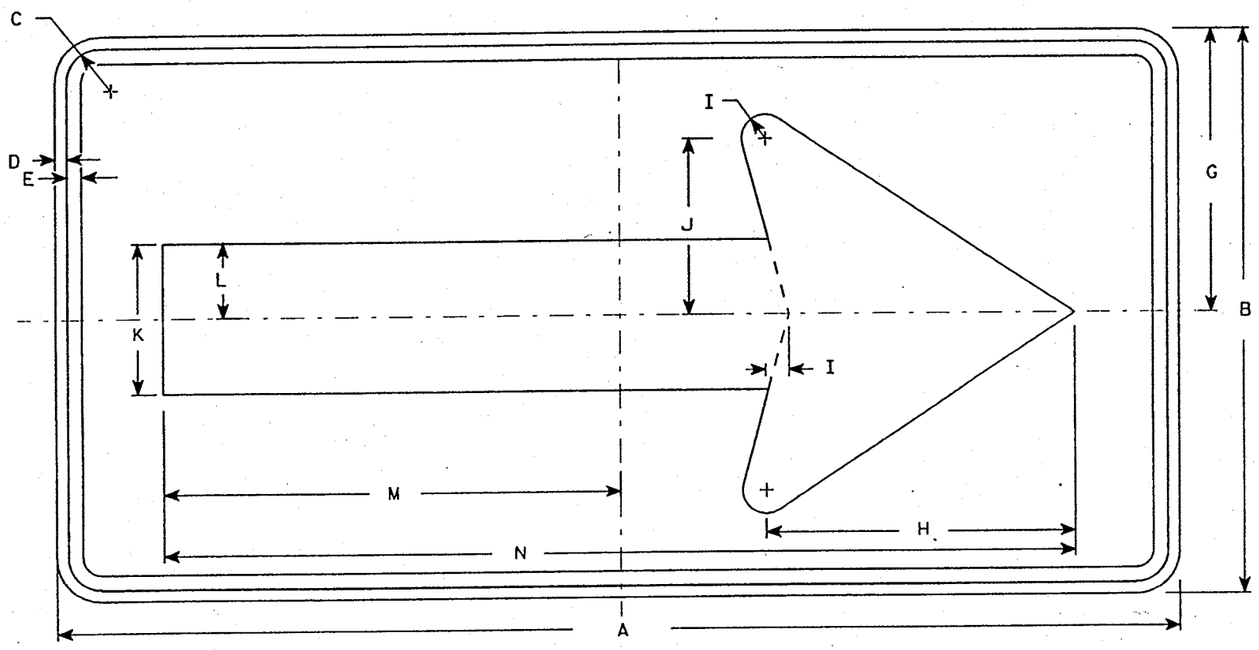
WISDOT/CADDS METRIC SHEET | M

PLOT SCALE:
PLOT NAME:
PE... DATE: 7/31/97
ORIGINATOR: Don Kluever
FILE NAME: tr_stdplate w13.dgn
LEVELS 01 - 2,3, 5,6, 0,

STATE PROJECT NUMBER	SHEET NO.

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.



W1-6

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1500 mm X 750 mm
4	1500 mm X 750 mm
5	2400 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	36	18	1 1/8	3/8	3/8		9	10	3/4	5 5/8	4 3/4	2 3/8	14 5/8	29 1/4													4.5	0.41
2	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0	0.72
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5	1.13
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5	1.13
5	96	48	2 1/4	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0	2.88

STANDARD SIGN
W1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 1/18/97 PLATE NO. W1-6.7

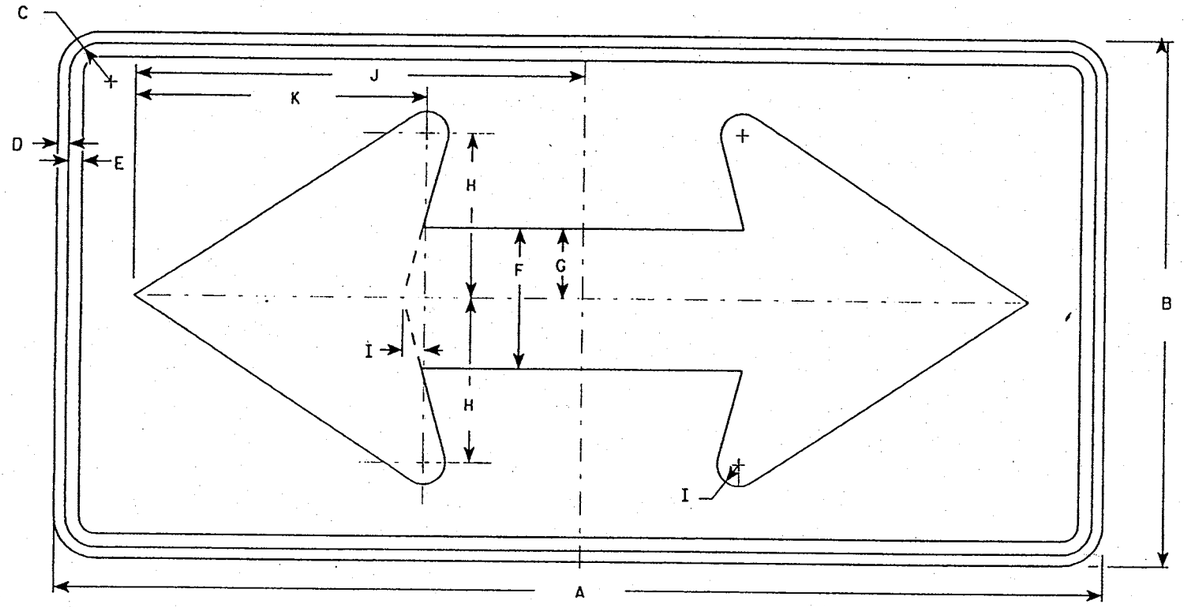
WISDOT/CADDS METRIC SHEET M

PLOT SCALE:
PLOT NAME:
REV. DATE: 1/15/97
ORIGINATOR: Sandy Anderson
FILE NAME: tr_stdplate w16.dgn
LEVELS ON: 2,3, 5, 10,
56,59,60, 63

STATE PROJECT NUMBER	SHEET NO.

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.



W1-7

Metric equivalent for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1500 mm X 750 mm
4	1500 mm X 750 mm
5	2400 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	36	18	1 1/8	3/8	1/2	5	2 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5	0.41
2	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0	0.72
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5	1.13
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5	1.13
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0	2.88

STANDARD SIGN
W1-7

WISCONSIN DEPT OF TRANSPORTATION

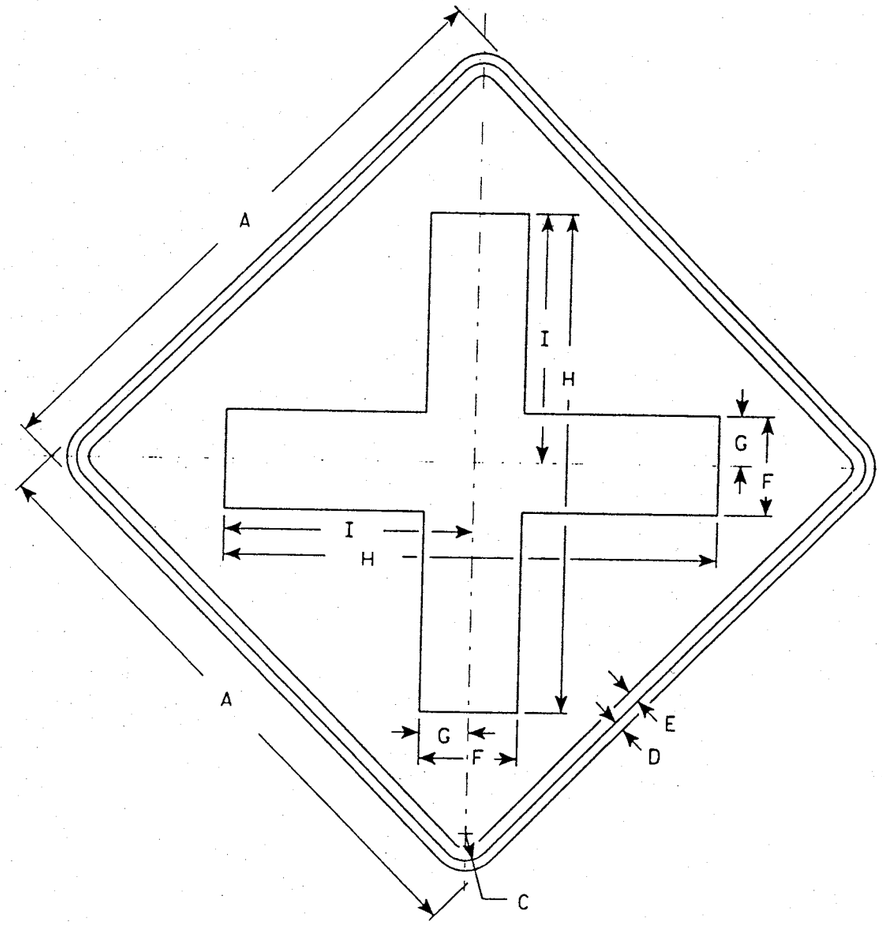
APPROVED Chester J Spray for State Traffic Engineer

DATE 8/20/97 PLATE NO. W1-7.6

WISDOT/CADDS METRIC SHEET M

PLOT DATE: 8/14/97
PLOT SCALE:
FILE NAME: tr-stdsht
USER: J. S. S.
ORIGINATOR: Sandy Anderson

STATE PROJECT NUMBER	SHEET NO.



W2-1

NOTES

1. Sign is Type II - 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	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	24		1 1/8	3/8	1/2	4	2	20	10																		4.0	0.36
2	30		1 3/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25	0.56
3	36		1 5/8	5/8	3/4	6	3	30	15																		9.0	0.81
4	48		2 1/4	3/4	1	8	4	40	20																		16.0	1.44
5																												

STANDARD SIGN
W2-1

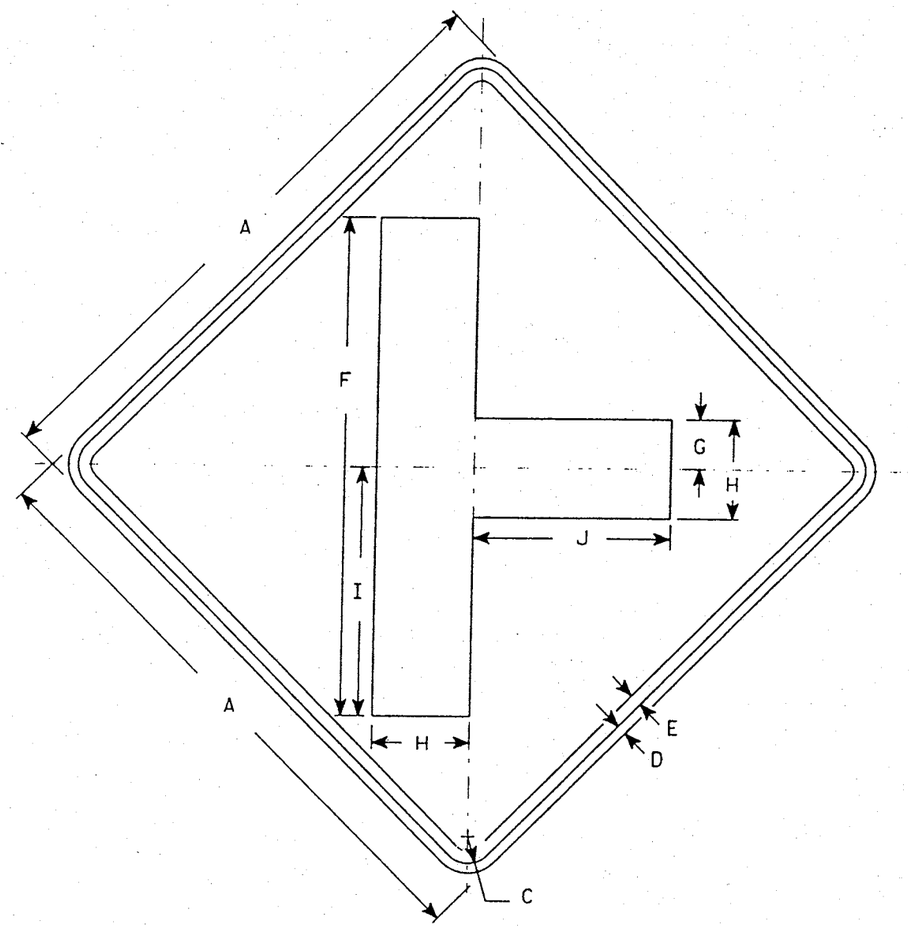
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J. Spay for State Traffic Engineer

DATE 7/9/97 PLATE NO. W2-1.6

WISDOT/CADDS METRIC SHEET M

STATE PROJECT NUMBER	SHEET NO.



W2-2

NOTES

1. Sign is Type II - 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	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	24		1 1/8	3/8	1/2	20	2	4	10	8																	4.0	0.36
2	30		1 3/8	1/2	5/8	25	2 1/2	5	12 1/2	10																	6.25	0.56
3	36		1 5/8	5/8	3/4	30	3	6	15	12																	9.0	0.81
4	48		2 1/4	3/4	1	40	4	8	20	16																	16.0	1.44
5																												

STANDARD SIGN
W2-2

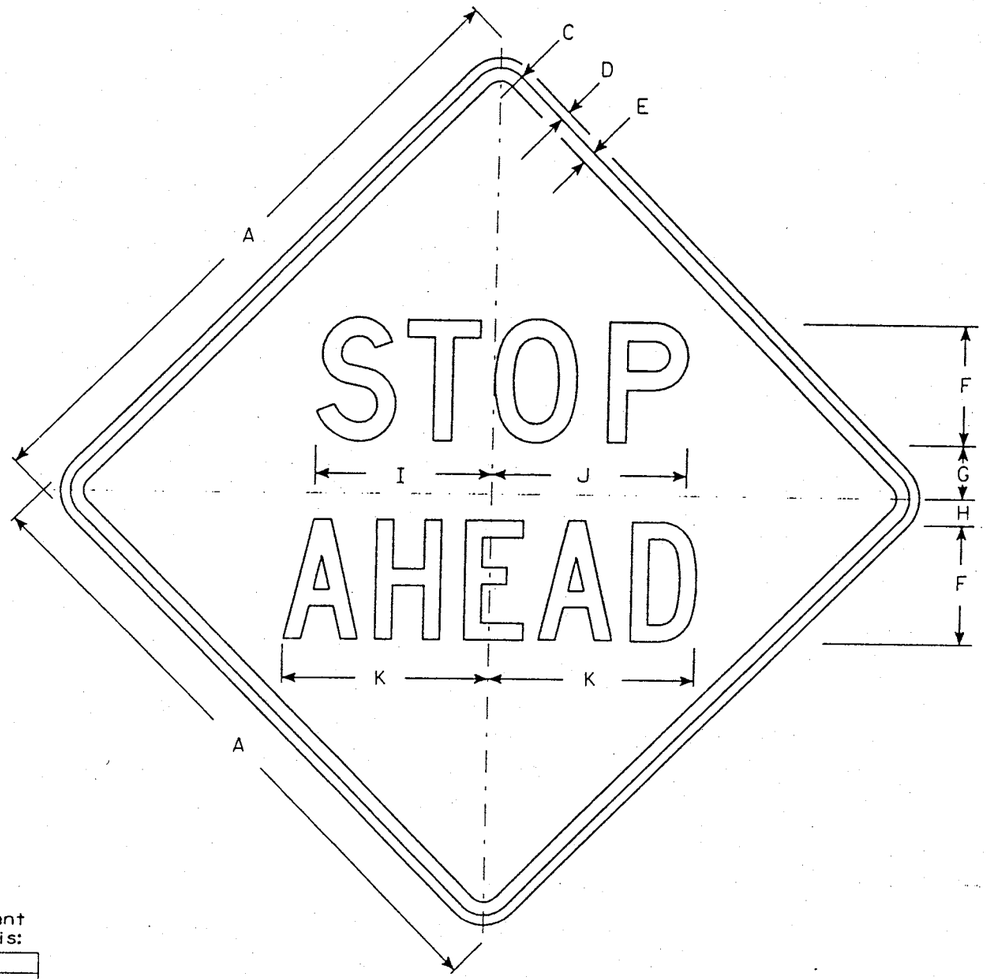
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles J Spry
for State Traffic Engineer

DATE 7/1/97 PLATE NO. W2-2.3

WISDOT/CADDS METRIC SHEET M

STATE PROJECT NUMBER | SHEET NO.



W3-1

NOTES

1. Sign is Type II - Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   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. STOP is Series D and AHEAD is Series C.

Metric equivalent for this sign is:

SIZE	
BIKE	450 mm X 450 mm
1	750 mm X 750 mm
2	900 mm X 900 mm
3	900 mm X 900 mm
4	1200 mm X 1200 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 sq
BIKE	18		1 1/8	3/8	3/8	3	1 3/4	3/4	4 3/4	5 1/4	5 3/8																2.25	0.20
1	30		1 3/8	1/2	5/8	6	2 1/2	1 1/4	9	9 7/8	10 1/2																6.25	0.56
2	36		1 5/8	5/8	3/4	7	3	1 1/2	10 1/2	11 5/8	12 1/4																9.0	0.81
3	36		1 5/8	5/8	3/4	7	3	1 1/2	10 1/2	11 5/8	12 1/4																9.0	0.81
4	48		2 1/4	3/4	1	9	4	2	13 1/2	14 7/8	15 3/4																16.0	1.44
5	48		2 1/4	3/4	1	9	4	2	13 1/2	14 7/8	15 3/4																16.0	1.44

STANDARD SIGN
W3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Charles J Spay for State Traffic Engineer

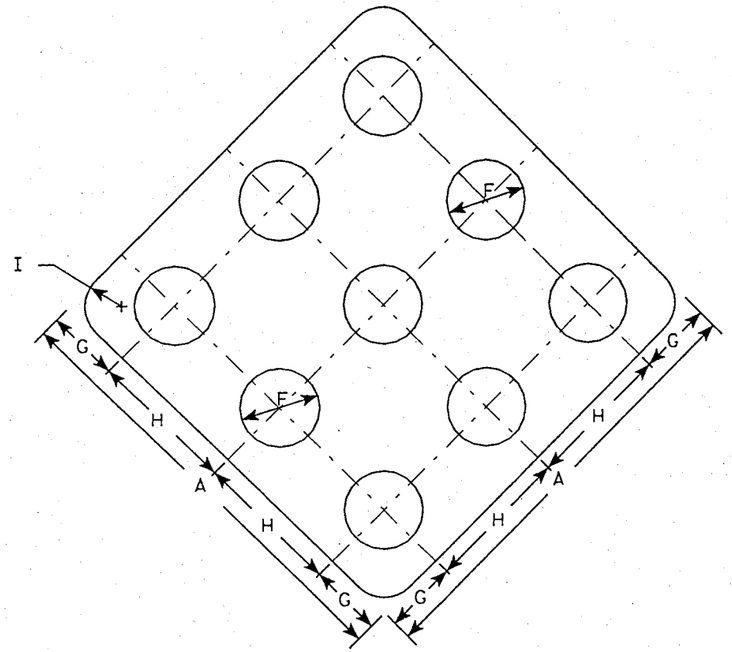
DATE 7/7/97 PLATE NO. W3-1.9

WISDOT/CADDS METRIC SHEET M

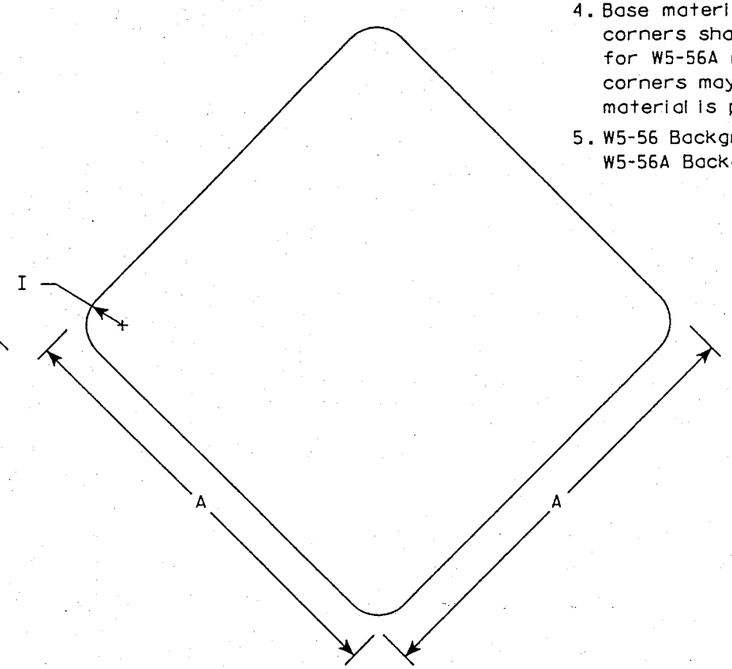
STATE PROJECT NUMBER	SHEET NO.

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

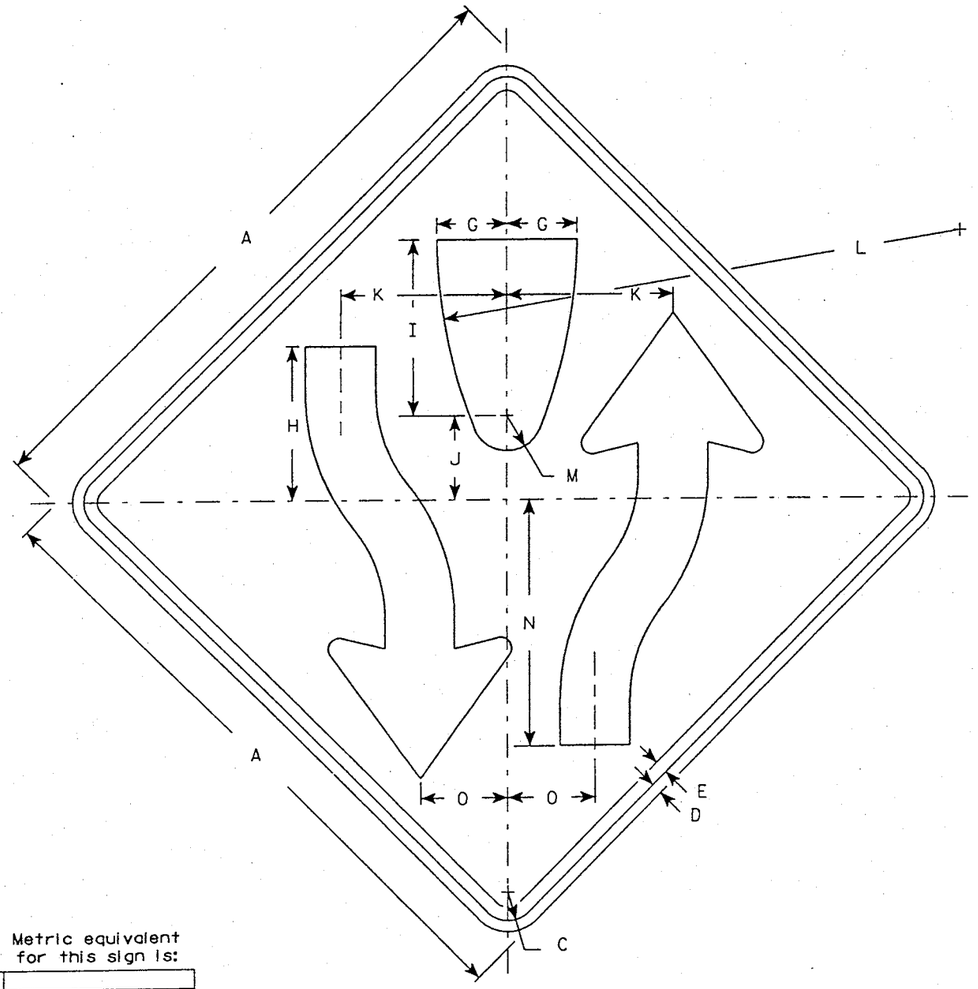
APPROVED Charles J. Sprang for State Traffic Engineer

DATE 1/06/98 PLATE NO. W5-56.4

WISDOT/CADDS METRIC SHEET M

PLOT SCALE:
PLOT TIME:
FILE NAME: T:\STDS\D-T\...\W5-56.DGN

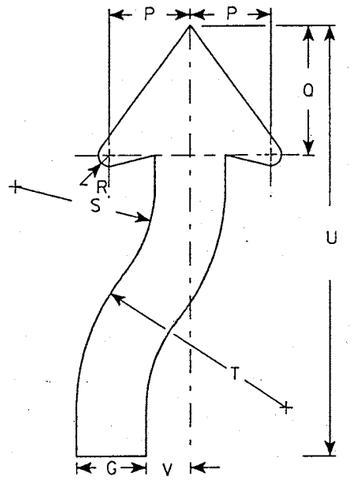
STATE PROJECT NUMBER	SHEET NO.



W6-1

NOTES

1. Sign is Type II - 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

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

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 1/8	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

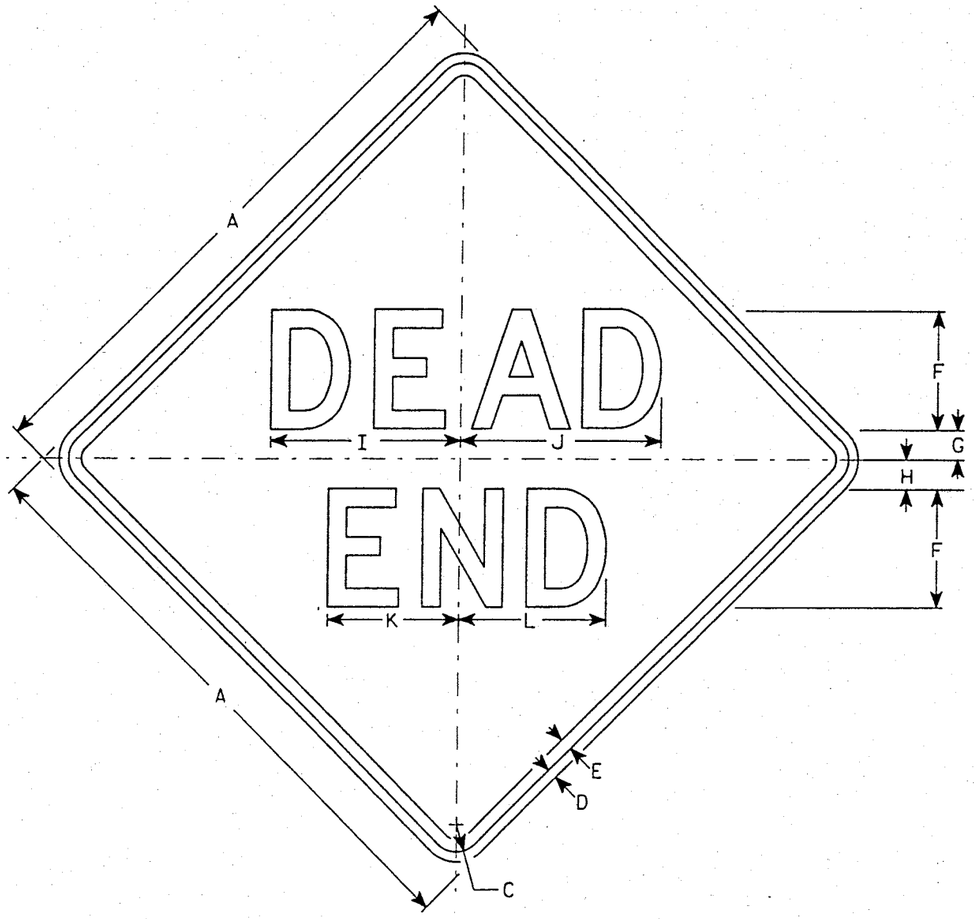
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spay for State Traffic Engineer

DATE 1/05/98 PLATE NO. W6-1.10

WISDOT/CADDS METRIC SHEET M

STATE PROJECT NUMBER	SHEET NO.



W14-1

NOTES

1. Sign is Type II - 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	Area sq. ft.	Area m2
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 Charles J. Sippe for State Traffic Engineer

DATE 12/23/97 PLATE NO. W14-1.4

WISDOT/CADDS METRIC SHEET | M

PLOT NAME: PLOT SCALE: 38.88 62
PLOT DATE: 12/22
ORIGINATOR: Sandy
FILE NAME: tr_s_97_sign_w14_1.dgn
LEVELS ON: 2,3,55

CTH Z
COMPUTER EARTHWORK

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
47+00	0.00	0.00	0.00	0.00	0.00	0.00
48+00	0.00	0.00	0.00	0.00	0.00	0.00
48+50	0.00	0.00	36.71	14.85	36.71	14.85
49+00	39.65	16.04	136.13	72.50	172.84	87.35
49+95.21	37.56	25.09	6.82	4.64	179.66	91.99
50+00	39.29	27.23	23.81	19.40	203.47	111.39
50+15.47	43.81	40.48	47.29	94.76	250.76	206.15
50+70.41	2.67	52.66	14.64	77.27	265.40	283.42
51+00	24.05	88.34	27.80	79.08	293.20	362.50
51+24.29	37.75	87.47	32.29	74.98	325.49	437.48
51+46.83	39.62	92.16	102.93	196.34	428.42	633.83
52+00	64.92	107.25	120.22	476.76	548.64	1110.58
53+00	0.00	150.20	0.00	560.51	548.64	1671.09
54+00	0.00	152.47	0.00	498.05	548.64	2169.14
55+00	0.00	116.47	13.18	314.94	561.83	2484.09
56+00	7.12	53.60	220.51	99.25	782.33	2583.34
57+00	111.95	0.00	716.80	0.00	1499.14	2583.34
58+00	275.12	0.00	1178.05	0.00	2677.18	2583.34
59+00	361.03	0.00	1119.84	0.00	3797.02	2583.34
60+00	243.69	0.00	521.35	0.00	4318.37	2583.34
60+77	121.93	0.00	33.74	0.00	4352.10	2583.34
60+83.95	140.20	0.02	92.53	0.86	4444.63	2584.20
61+00	171.11	2.87	143.02	2.02	4587.65	2586.22
61+38	32.12	0.00	20.82	0.00	4608.47	2586.22
61+50	61.56	0.00	25.70	0.00	4634.17	2586.22
61+62	54.11	0.00	38.08	248.70	4672.25	2834.91
62+00	0.00	353.41	0.00	315.03	4672.25	3149.95
62+16.05	0.00	706.51	0.00	205.30	4672.25	3355.25
62+23	0.00	888.66	0.00	2551.55	4672.25	5906.80
62+82.75	0.00	1417.35	0.00	914.82	4672.25	6821.62
63+00	0.00	1446.44	0.00	4978.80	4672.25	11800.41
64+00	0.00	1242.11	0.00	4043.95	4672.25	15844.37
65+00	0.00	941.62	0.00	2956.83	4672.25	18801.19
66+00	0.00	655.06	0.00	1937.73	4672.25	20738.93
67+00	0.00	391.31	0.00	1106.69	4672.25	21845.61
68+00	0.00	206.30	0.00	574.08	4672.25	22419.70
69+00	0.00	103.70	0.00	394.07	4672.25	22813.76
70+00	0.00	109.09	0.00	426.41	4672.25	23240.18
71+00	0.00	121.17	0.00	378.67	4672.25	23618.84
72+00	0.00	83.31	0.00	408.03	4672.25	24026.87
72+89.04	0.00	164.15	0.00	67.97	4672.25	24094.84
73+00	0.00	170.74	0.00	373.95	4672.25	24468.79
73+50	0.00	233.12	0.00	500.30	4672.25	24969.09
74+00	0.00	307.20	0.00	632.06	4672.25	25601.15
74+50	0.00	375.42	0.00	755.46	4672.25	26356.61
75+00	0.00	440.47	0.00	867.40	4672.25	27224.01
75+50	0.00	496.33	0.00	943.91	4672.25	28167.92
76+00	0.00	523.10	0.00	980.47	4672.25	29148.39
76+50	0.00	535.80	0.00	998.21	4672.25	30146.60
77+00	0.00	542.26	0.00	958.38	4672.25	31104.97
77+50	0.00	492.79	0.00	870.60	4672.25	31975.58
78+00	0.00	447.47	0.00	800.05	4672.25	32775.63
78+50	0.00	416.59	0.00	642.82	4672.25	33418.45
79+00	0.00	277.66	0.00	491.37	4672.25	33909.81
79+50	0.00	253.02	0.00	446.31	4672.25	34356.12
80+00	0.00	228.99	0.00	401.19	4672.25	34757.31
80+50	0.00	204.29	0.00	370.83	4672.25	35128.15
81+00	0.00	196.21	0.00	356.38	4672.25	35484.52
81+50	0.00	188.68	0.00	331.29	4672.25	35815.81
82+00	0.00	169.11	0.00	302.51	4672.25	36118.32

CTH Z
COMPUTER EARTHWORK, CONTINUED

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
82+50	0.00	157.60	0.00	294.44	4672.25	36412.76
83+00	0.00	160.40	0.00	327.31	4672.25	36740.07
83+50	0.00	193.10	0.00	384.18	4672.25	37124.25
84+00	0.00	221.81	0.00	407.86	4672.25	37532.11
84+50	0.00	218.67	0.00	410.79	4672.25	37942.89
85+00	0.00	224.98	0.00	419.54	4672.25	38362.44
85+50	0.00	228.13	0.00	407.88	4672.25	38770.31
86+00	0.00	212.38	0.00	373.82	4672.25	39144.14
86+50	0.00	191.35	1.47	315.56	4673.72	39459.70
87+00	1.59	149.45	6.80	253.25	4680.52	39712.95
87+50	5.76	124.05	19.27	204.56	4699.79	39917.51
88+00	15.05	96.88	35.04	144.73	4734.83	40062.24
88+48.04	24.33	65.81	39.48	82.43	4774.32	40144.67
89+00	16.70	19.85	51.63	66.83	4825.95	40211.50
90+00	11.18	16.23	20.59	40.38	4846.55	40251.88
90+50.83	10.70	26.66	12.80	50.37	4859.35	40302.25
91+00	3.36	28.66	20.77	13.49	4880.12	40315.74
91+25.43	40.75	0.00	93.27	0.00	4973.39	40315.74
91+80.72	50.34	0.00	32.61	0.00	5006.00	40315.74
92+00	41.00	0.00	89.04	55.61	5095.03	40371.35
93+00	7.08	30.03	86.72	55.61	5181.75	40426.96
94+00	39.75	0.00	94.18	102.28	5275.93	40529.24
95+00	11.11	55.23	5.95	32.00	5281.88	40561.24
95+14.62	10.87	62.92	14.83	85.44	5296.71	40646.68
95+50	11.78	67.50	20.94	130.92	5317.65	40777.60
96+00	10.84	73.89	31.10	118.81	5348.75	40896.41
96+50	22.74	54.42	63.91	83.18	5412.66	40979.59
97+00	46.28	35.42	113.67	51.91	5526.33	41031.49
97+50	76.48	20.64	160.52	31.41	5686.84	41062.90
98+00	96.88	13.28	196.20	12.29	5883.04	41075.19
98+50	115.01	0.00	219.28	0.00	6102.32	41075.19
99+00	121.81	0.00	214.76	0.00	6317.08	41075.19
99+48.17	118.94	0.00	228.29	11.22	6545.37	41086.41
100+00	118.90	11.69	211.19	10.83	6756.56	41097.24
100+50	109.19	0.00	77.25	0.00	6833.81	41097.24
100+69.29	107.06	0.00	124.31	0.14	6958.12	41097.38
101+00	111.52	0.24	191.04	3.58	7149.15	41100.96
101+50	94.80	3.63	167.54	6.53	7316.69	41107.49
102+00	86.14	3.42	147.16	35.24	7463.85	41142.73
102+50	72.79	34.64	138.22	69.48	7602.07	41212.21
103+00	76.49	40.40	104.23	75.14	7706.30	41287.34
103+50	36.08	40.75	45.22	91.80	7751.52	41379.14
104+00	12.76	58.39	16.31	121.97	7767.83	41501.11
104+50	4.85	73.34	4.49	124.08	7772.32	41625.18
105+00	0.00	60.66	0.00	161.47	7772.32	41786.65
105+50	0.00	113.72	0.00	218.12	7772.32	42004.77
106+00	0.00	121.85	0.00	223.39	7772.32	42228.16
106+50	0.00	119.41	0.00	215.34	7772.32	42443.50
107+00	0.00	113.15	0.25	188.22	7772.58	42631.72
107+50	0.28	90.13	22.71	153.44	7795.29	42785.16
108+00	24.26	75.58	48.96	78.29	7844.25	42863.44
108+30	63.87	65.33	36.64	43.59	7880.89	42907.03
108+50	35.06	52.35	65.62	93.86	7946.51	43000.89
109+00	35.81	49.02	71.56	72.04	8018.06	43072.93
109+50	41.48	28.78	11.27	7.15	8029.33	43080.08
109+57.15	43.60	25.23	58.80	29.30	8088.13	43109.38
110+00	30.50	11.70	181.28	23.41	8269.40	43132.79
111+00	67.39	0.94	251.85	1.75	8521.26	43134.54
112+00	68.61	0.00	127.06	0.00	8648.32	43134.54
113+00	0.00	0.00	0.00	0.00	8648.32	43134.54

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.
CROSS SECTIONS	
CTH Z	MARATHON CO.

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

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STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.
CROSS SECTIONS	
CTH Z	MARATHON CO.

40TH STREET
COMPUTER EARTHWORK

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
7+50	0.00	0.00	0.00	0.00	0.00	0.00
8+00	0.00	0.00	0.00	0.00	0.00	0.00
8+50	0.00	0.00	0.00	0.00	0.00	0.00
9+00	0.00	0.00	0.00	0.00	0.00	0.00
9+22.75	0.68	58.98	0.29	24.85	0.29	24.85
9+43.92	0.96	56.02	0.64	45.09	0.93	69.94
9+50	32.59	57.96	3.78	12.83	4.71	82.77
10+00	0.00	0.00	30.18	53.67	34.89	136.43
10+50	115.62	0.00	107.06	0.00	141.95	136.43
10+57	11.62	122.86	16.50	15.93	158.44	152.36
10+79.11	0.98	52.59	5.16	71.84	163.60	224.20
10+97	1.74	51.77	0.90	34.57	164.50	258.77
11+00	1.56	53.12	0.18	5.83	164.69	264.60
11+19.11	1.40	50.95	1.05	36.83	165.74	301.43
11+50	1.21	48.74	1.50	57.03	167.23	358.46
11+66.04	1.20	47.83	0.72	28.68	167.95	387.14
12+00	45.86	0.00	29.60	30.08	197.55	417.22
12+50	33.27	0.00	73.27	0.00	270.82	417.22
12+91.66	5.12	21.94	29.61	16.92	300.43	434.14
13+00	25.61	0.00	4.75	3.39	305.17	437.53
13+50	7.46	19.85	30.62	18.38	335.79	455.91
14+00	9.08	14.32	15.32	31.64	351.11	487.56
14+50	22.46	0.00	29.20	13.26	380.32	500.82
15+00	21.80	0.18	40.98	0.17	421.30	500.99
15+50	42.64	0.00	59.68	0.17	480.98	501.16
16+00	102.16	0.00	134.07	0.00	615.05	501.16
16+28.30	95.15	0.00	103.39	0.00	718.44	501.16
16+50	55.67	4.70	60.62	1.89	779.05	503.04
17+00	135.81	7.86	177.29	11.62	956.35	514.67
17+50	112.76	0.00	230.16	7.28	1186.51	521.94
18+00	106.65	0.00	203.16	0.00	1389.67	521.94
18+17.48	106.12	0.00	68.89	0.00	1458.57	521.94
18+50	112.57	0.00	131.68	0.00	1590.25	521.94
18+80.54	103.37	0.00	122.14	0.00	1712.39	521.94
19+00	111.28	0.00	77.34	0.00	1789.73	521.94
19+42.72	79.53	1.15	150.94	0.91	1940.67	522.85
19+50	72.41	0.78	20.50	0.26	1961.17	523.11
19+60	0.00	0.00	13.41	0.14	1974.58	523.26
20+00	0.00	0.00	0.00	0.00	1974.58	523.26
			0.00	0.00	1974.58	523.26

CTH X
COMPUTER EARTHWORK

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
5+00	0.00	0.00	0.00	0.00	0.00	0.00
6+00	0.00	0.00	0.00	0.00	0.00	0.00
7+00	0.00	0.00	114.60	5.61	114.60	5.61
8+00	61.89	3.03	57.78	2.42	172.38	8.03
8+23.94	68.45	2.43	148.16	3.27	320.55	11.30
8+73.18	94.03	1.16	90.24	2.45	410.79	13.75
9+00	87.66	3.77	10.44	0.45	421.23	14.20
9+03.18	89.69	3.87	35.27	3.76	456.50	17.96
9+13.20	100.40	16.40	30.29	6.19	486.79	24.15
9+23.95	51.75	14.70	50.24	21.35	537.04	45.50
9+48.76	57.61	31.77	26.34	6.24	563.38	51.74
9+59.07	80.36	0.93	184.01	120.54	747.39	172.28
10+40.95	40.99	78.57	16.21	22.68	763.60	194.96
10+51.26	43.91	40.22	40.36	33.29	803.96	228.25
10+76.05	44.01	32.29	17.77	10.66	821.73	238.91
10+86.80	45.28	21.27	21.94	6.89	843.67	245.80
10+96.84	72.73	15.78	8.44	1.90	852.11	247.70
11+00	71.52	16.67	66.73	13.90	918.84	261.60
11+26.84	62.74	11.29	115.38	13.00	1034.22	274.60
11+76.08	63.79	2.97	55.44	5.67	1089.66	280.27
12+00	61.36	9.84	113.62	18.22	1203.28	298.49
13+00	0.00	0.00	0.00	0.00	1203.28	298.49
14+00	0.00	0.00	0.00	0.00	1203.28	298.49

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

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WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.
CROSS SECTIONS	
CTH Z	MARATHON CO.

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

49TH STREET
COMPUTER EARTHWORK

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
10+00	0.00	0.00				
10+28.80	7.63	24.33	4.07	12.98	4.07	12.98
10+50	16.90	0.00	9.63	9.55	13.70	22.53
11+00	15.83	0.00	30.31	0.00	44.01	22.53
12+00	20.39	0.00	67.08	0.00	111.09	22.53
13+00	0.00	63.03	37.77	116.73	148.86	139.26
14+00	0.00	68.50	0.00	243.58	148.86	382.84
14+40.24	0.00	43.32	0.00	83.33	148.86	466.17
14+50	36.62	0.00	6.62	7.83	155.47	474.00
14+75	11.35	0.61	22.21	0.28	177.68	474.28
14+89.38	14.79	0.57	6.96	0.32	184.64	474.60
15+00	17.86	0.41	6.42	0.19	191.07	474.79
15+64.24	0.00	0.00	21.24	0.49	212.31	475.28
15+89.36	0.00	0.00	0.00	0.00	212.31	475.28
16+00	0.00	0.00	0.00	0.00	212.31	475.28
16+50	0.00	0.00	0.00	0.00	212.31	475.28
17+00	0.00	0.00	0.00	0.00	212.31	475.28
18+00	0.00	0.00	0.00	0.00	212.31	475.28
19+00	0.00	0.00	0.00	0.00	212.31	475.28
20+00	0.00	0.00	0.00	0.00	212.31	475.28
21+00	0.00	0.00	0.00	0.00	212.31	475.28
22+00	0.00	0.00	0.00	0.00	212.31	475.28
23+00	0.00	0.00	0.00	0.00	212.31	475.28
24+00	0.00	0.00	0.00	0.00	212.31	475.28
24+60	0.00	0.00	0.00	0.00	212.31	475.28
24+70	0.00	0.00	0.00	0.00	212.31	475.28
24+80	0.00	0.00	0.00	0.00	212.31	475.28
24+90	0.00	0.00	0.00	0.00	212.31	475.28
25+00	0.00	0.00	0.00	0.00	212.31	475.28
25+10	0.00	0.00	0.00	0.00	212.31	475.28
25+20	0.00	0.00	0.00	0.00	212.31	475.28
25+50	0.00	0.00	0.00	0.00	212.31	475.28

BURGER LANE
COMPUTER EARTHWORK

STATION	AREAS Square Feet		VOLUMES Cubic Yards		CUMULATIVE VOLUMES Cubic Yards	
	CUT	FILL	CUT	FILL	CUT	FILL
5+00	0.00	0.00				
5+50	0.00	0.00	0.00	0.00	0.00	0.00
6+00	0.00	0.00	0.00	0.00	0.00	0.00
6+50	0.00	0.00	0.00	0.00	0.00	0.00
7+00	0.00	0.00	0.00	0.00	0.00	0.00
7+50	0.00	0.00	0.00	0.00	0.00	0.00
7+60	0.00	0.00	0.00	0.00	0.00	0.00
7+70	50.40	0.00	9.33	0.00	9.33	0.00
7+80	45.07	29.48	17.68	5.46	27.01	5.46
7+90	47.68	48.30	17.18	14.40	44.19	19.86
8+00	48.61	54.40	17.83	19.02	62.02	38.88
8+10	46.14	50.44	17.55	19.41	79.56	58.30
8+20	43.02	34.77	16.51	15.78	96.08	74.07
8+30	44.22	8.44	16.16	8.00	112.23	82.08
8+40	46.34	0.36	16.77	1.63	129.00	83.70
8+50	46.00	0.18	17.10	0.10	146.11	83.80
9+00	0.00	0.00	42.59	0.17	188.70	83.97
9+50	0.00	0.00	0.00	0.00	188.70	83.97
			0.00	0.00	188.70	83.97
25+50	0.00	0.00				
26+00	0.00	0.00	0.00	0.00	188.70	83.97
26+50	44.84	0.00	41.52	0.00	230.22	83.97
26+53.07	46.96	0.18	5.23	0.01	235.44	83.98
27+00	50.19	4.49	84.42	4.06	319.86	88.04
27+50	32.82	21.57	76.85	24.13	396.71	112.17
28+00	30.55	88.41	58.67	101.84	455.39	214.01
28+50	96.04	0.00	117.22	81.87	572.61	295.88
29+00	7.73	82.47	96.09	76.36	668.70	372.23
29+03.33	7.82	83.22	0.96	10.22	669.65	382.45
29+26.51	8.91	94.26	7.18	76.18	676.83	458.63
29+29.33	9.42	93.68	0.96	9.81	677.79	468.44
29+50	10.31	81.02	7.55	66.87	685.34	535.32
29+72	22.71	37.48	13.45	48.28	698.79	583.59
30+00	0.00	0.00	11.77	19.43	710.56	603.03
			0.00	0.00	710.56	603.03

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSEC 09-25-2000 2:36:16 pm CST

CTH Z

NOTE

POSITIVE OFFSET DISTANCES ARE RIGHT OF CENTERLINE
NEGATIVE OFFSET DISTANCES ARE LEFT OF CENTERLINE

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z — MARATHON CO.

STATION	OFFSET	ELEVATION	DESCRIPTION
49+00	-39.42	1406.90	SLOPE INTERCEPT
	-31.47	1406.50	DITCH
	-25.80	1407.92	SUBGRADE
	0.00	1408.43	SUBGRADE
	25.80	1407.92	SUBGRADE
	34.26	1405.50	DITCH
	39.64	1406.40	SLOPE INTERCEPT
49+95.21	0.00	1410.40	SUBGRADE
	-25.80	1409.88	SUBGRADE
	27.80	1409.80	SUBGRADE
	-40.41	1407.45	DITCH
	-41.69	1407.66	SLOPE INTERCEPT
	41.22	1406.45	DITCH
	49.37	1408.49	SLOPE INTERCEPT
50+00	0.00	1410.49	SUBGRADE
	-26.28	1409.95	SUBGRADE
	28.00	1409.89	SUBGRADE
	-41.00	1407.50	DITCH
	-43.04	1407.76	SLOPE INTERCEPT
	41.56	1406.50	DITCH
	49.69	1408.53	SLOPE INTERCEPT
50+15.47	-56.08	1408.96	SLOPE INTERCEPT
	-42.97	1407.65	DITCH
	-27.80	1410.18	SUBGRADE
	0.00	1410.77	SUBGRADE
	31.53	1410.10	SUBGRADE
	52.22	1406.65	DITCH
	60.05	1408.61	SLOPE INTERCEPT
50+70.41	-28.86	1410.96	SLOPE INTERCEPT
	-28.72	1411.21	SUBGRADE
	0.00	1411.78	SUBGRADE
	28.09	1411.22	SUBGRADE
	28.39	1409.40	SLOPE INTERCEPT
	28.39	1409.40	SLOPE INTERCEPT
51+00	-28.55	1411.58	SLOPE INTERCEPT
	-28.41	1411.76	SUBGRADE
	0.00	1412.33	SUBGRADE
	36.89	1411.53	SUBGRADE
	61.09	1407.50	DITCH
	69.17	1409.52	SLOPE INTERCEPT
51+24.29	-61.54	1409.67	SLOPE INTERCEPT
	-50.07	1409.29	DITCH
	-33.45	1412.06	SUBGRADE
	0.00	1412.78	SUBGRADE
	27.80	1412.18	SUBGRADE
	50.18	1408.45	DITCH
	57.34	1410.24	SLOPE INTERCEPT
51+46.83	-59.26	1410.38	SLOPE INTERCEPT
	-45.96	1409.71	DITCH
	-28.80	1412.57	SUBGRADE
	0.00	1413.19	SUBGRADE
	25.80	1412.67	SUBGRADE
	39.18	1409.33	DITCH
	43.89	1410.51	SLOPE INTERCEPT
52+00	-74.88	1410.94	SLOPE INTERCEPT
	-44.10	1410.50	DITCH
	-25.80	1413.55	SUBGRADE
	0.00	1414.07	SUBGRADE
	25.80	1413.55	SUBGRADE
	35.99	1411.52	SLOPE INTERCEPT
53+00	-39.57	1412.30	SLOPE INTERCEPT
	-25.80	1414.59	SUBGRADE
	0.00	1415.11	SUBGRADE
	25.81	1414.59	SUBGRADE
	38.63	1412.46	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
54+00	-38.81	1412.66	SLOPE INTERCEPT
	-25.79	1414.83	SUBGRADE
	0.00	1415.35	SUBGRADE
	25.81	1414.83	SUBGRADE
	37.96	1412.81	SLOPE INTERCEPT
55+00	-37.22	1412.50	SLOPE INTERCEPT
	-26.70	1414.25	SUBGRADE
	0.00	1414.79	SUBGRADE
	26.70	1414.25	SUBGRADE
	35.88	1412.73	SLOPE INTERCEPT
56+00	-42.68	1412.21	SLOPE INTERCEPT
	-39.69	1411.46	DITCH
	-31.71	1412.79	SUBGRADE
	0.00	1413.43	SUBGRADE
	31.70	1412.80	SUBGRADE
	39.68	1411.47	DITCH
	43.20	1412.34	SLOPE INTERCEPT
57+00	-54.09	1411.69	SLOPE INTERCEPT
	-44.69	1409.30	DITCH
	-36.71	1410.63	SUBGRADE
	0.00	1411.37	SUBGRADE
	36.70	1410.64	SUBGRADE
	44.68	1409.31	DITCH
	54.46	1411.75	SLOPE INTERCEPT
58+00	-61.11	1410.99	SLOPE INTERCEPT
	-45.78	1407.12	DITCH
	-37.80	1408.45	SUBGRADE
	0.00	1409.21	SUBGRADE
	37.80	1408.45	SUBGRADE
	45.78	1407.12	DITCH
	62.49	1411.30	SLOPE INTERCEPT
59+00	-62.85	1409.63	SLOPE INTERCEPT
	-45.79	1405.37	DITCH
	-37.81	1406.70	SUBGRADE
	-2.00	1407.41	SUBGRADE
	37.80	1406.62	SUBGRADE
	45.78	1405.29	DITCH
	63.93	1409.83	SLOPE INTERCEPT
60+00	-57.65	1407.06	SLOPE INTERCEPT
	-45.79	1404.10	DITCH
	-37.81	1405.43	SUBGRADE
	-2.00	1406.23	SUBGRADE
	37.80	1405.43	SUBGRADE
	45.78	1404.10	DITCH
	62.26	1408.22	SLOPE INTERCEPT
60+77	-60.81	1405.58	SLOPE INTERCEPT
	-54.19	1403.92	DITCH
	-47.89	1404.97	SUBGRADE
	-2.00	1405.57	SUBGRADE
	34.80	1405.22	SUBGRADE
	42.78	1403.89	DITCH
	55.23	1407.00	SLOPE INTERCEPT
60+83.95	-59.15	1405.51	SLOPE INTERCEPT
	-51.79	1403.67	DITCH
	-43.81	1405.00	SUBGRADE
	0.00	1405.47	SUBGRADE
	32.48	1405.25	SUBGRADE
	53.25	1403.33	DITCH
	67.17	1406.81	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
61+00	-64.90	1405.05	SLOPE INTERCEPT
	-57.12	1403.10	DITCH
	-43.67	-1.57	SUBGRADE
	0.00	1405.33	SUBGRADE
	37.62	1405.01	SUBGRADE
	64.88	1402.01	DITCH
	80.00	1406.37	SLOPE INTERCEPT
61+38	-23.85	1404.90	SUBGRADE
	-23.85	1405.57	SLOPE INTERCEPT
	0.00	1405.02	SUBGRADE
	24.35	1405.14	SUBGRADE
	24.35	1405.74	SLOPE INTERCEPT
61+50	-24.00	1404.84	SUBGRADE
	-24.00	1406.08	SLOPE INTERCEPT
	0.00	1404.98	SUBGRADE
	24.00	1405.08	SUBGRADE
	24.02	1406.42	SLOPE INTERCEPT
61+62	-24.35	1404.78	SUBGRADE
	-24.35	1405.83	SLOPE INTERCEPT
	0.00	1404.94	SUBGRADE
	23.85	1405.02	SUBGRADE
	23.86	1406.22	SLOPE INTERCEPT
62+00	-54.88	1401.16	SLOPE INTERCEPT
	-37.63	-1.81	SUBGRADE
	0.00	1404.58	SUBGRADE
	43.65	1404.21	SUBGRADE
	61.36	1401.33	SLOPE INTERCEPT
62+16.05	-62.78	1397.83	SLOPE INTERCEPT
	-32.50	-1.72	SUBGRADE
	0.00	1404.42	SUBGRADE
	40.99	1403.88	SUBGRADE
	70.25	1398.10	SLOPE INTERCEPT
62+23	-67.74	1396.44	SLOPE INTERCEPT
	-32.01	-1.68	SUBGRADE
	0.00	1404.35	SUBGRADE
	47.88	1403.56	SUBGRADE
	75.17	1396.74	SLOPE INTERCEPT
62+82.75	-80.00	1391.31	SLOPE INTERCEPT
	-37.81	1402.82	SUBGRADE
	2.00	1403.67	SUBGRADE
	40.37	1402.61	SUBGRADE
	80.00	1391.32	SLOPE INTERCEPT
63+00	-80.00	1390.78	SLOPE INTERCEPT
	-37.81	1402.55	SUBGRADE
	2.00	1403.41	SUBGRADE
	38.34	1402.46	SUBGRADE
	80.00	1390.71	SLOPE INTERCEPT
64+00	-78.61	1390.52	SLOPE INTERCEPT
	-37.81	1400.72	SUBGRADE
	2.00	1401.51	SUBGRADE
	38.34	1400.71	SUBGRADE
	80.00	1389.80	SLOPE INTERCEPT
65+00	-70.87	1389.83	SLOPE INTERCEPT
	-37.81	1398.10	SUBGRADE
	2.00	1398.89	SUBGRADE
	38.34	1398.09	SUBGRADE
	72.68	1389.50	SLOPE INTERCEPT
66+00	-60.84	1389.02	SLOPE INTERCEPT
	-37.81	1394.78	SUBGRADE
	0.00	1395.54	SUBGRADE
	37.80	1394.78	SUBGRADE
	64.11	1388.20	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
67+00	0.00	1392.04	SUBGRADE
	-34.83	1391.35	SUBGRADE
	34.83	1391.35	SUBGRADE
	-52.00	1387.05	SLOPE INTERCEPT
	52.38	1386.96	SLOPE INTERCEPT
68+00	-40.18	1386.18	SLOPE INTERCEPT
	-30.67	1388.56	SUBGRADE
	0.00	1389.17	SUBGRADE
	30.66	1388.56	SUBGRADE
	41.88	1385.76	SLOPE INTERCEPT
69+00	-32.41	1385.17	SLOPE INTERCEPT
	-26.50	1386.64	SUBGRADE
	0.00	1387.17	SUBGRADE
	26.49	1386.64	SUBGRADE
	32.75	1385.08	SLOPE INTERCEPT
70+00	-31.68	1384.55	SLOPE INTERCEPT
	-25.80	1385.53	SUBGRADE
	0.00	1386.04	SUBGRADE
	25.80	1385.53	SUBGRADE
	37.88	1383.51	SLOPE INTERCEPT
71+00	-34.49	1383.57	SLOPE INTERCEPT
	-25.80	1385.02	SUBGRADE
	0.00	1385.54	SUBGRADE
	25.80	1385.02	SUBGRADE
	38.84	1382.85	SLOPE INTERCEPT
72+00	-32.24	1383.47	SLOPE INTERCEPT
	-25.80	1384.54	SUBGRADE
	0.00	1385.06	SUBGRADE
	25.80	1385.10	SUBGRADE
	41.47	1382.49	SLOPE INTERCEPT
72+89.04	-30.56	1382.00	SLOPE INTERCEPT
	-25.80	1383.19	SUBGRADE
	0.00	1384.63	SUBGRADE
	25.80	1385.95	SUBGRADE
	39.86	1382.44	SLOPE INTERCEPT
73+00	-31.17	1381.80	SLOPE INTERCEPT
	-25.80	1383.14	SUBGRADE
	0.00	1384.58	SUBGRADE
	25.80	1385.90	SUBGRADE
	39.69	1382.42	SLOPE INTERCEPT
73+50	-34.24	1380.79	SLOPE INTERCEPT
	-25.80	1382.90	SUBGRADE
	0.00	1384.34	SUBGRADE
	25.80	1385.66	SUBGRADE
	33.00	1383.86	DITCH
	43.63	1381.20	SLOPE INTERCEPT
74+00	-37.46	1379.75	SLOPE INTERCEPT
	-25.80	1382.66	SUBGRADE
	0.00	1384.10	SUBGRADE
	25.80	1385.42	SUBGRADE
	33.00	1383.62	DITCH
	47.59	1379.97	SLOPE INTERCEPT
74+50	-40.13	1378.89	SLOPE INTERCEPT
	-25.80	1382.47	SUBGRADE
	0.00	1383.91	SUBGRADE
	25.80	1385.23	SUBGRADE
	33.00	1383.43	DITCH
	51.52	1378.80	SLOPE INTERCEPT

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSEC 09-25-2000 2:36:16 pm CST

CTH Z

NOTE

POSITIVE OFFSET DISTANCES ARE RIGHT OF CENTERLINE
NEGATIVE OFFSET DISTANCES ARE LEFT OF CENTERLINE

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

STATION	OFFSET	ELEVATION	DESCRIPTION
75+00	-40.88	1378.07	SLOPE INTERCEPT
	-25.80	1382.38	SUBGRADE
	0.00	1383.82	SUBGRADE
	25.80	1385.14	SUBGRADE
	33.00	1383.34	DITCH
	55.09	1377.82	SLOPE INTERCEPT
75+50	-41.79	1377.82	SLOPE INTERCEPT
	-25.80	1382.39	SUBGRADE
	0.00	1383.83	SUBGRADE
	25.80	1385.15	SUBGRADE
	33.00	1383.35	DITCH
	59.10	1376.82	SLOPE INTERCEPT
76+00	-44.82	1377.75	SLOPE INTERCEPT
	-25.80	1382.50	SUBGRADE
	0.00	1383.94	SUBGRADE
	25.80	1385.26	SUBGRADE
	33.00	1383.46	DITCH
	60.95	1376.47	SLOPE INTERCEPT
76+50	-45.71	1377.73	SLOPE INTERCEPT
	-25.80	1382.71	SUBGRADE
	0.00	1384.15	SUBGRADE
	25.80	1385.47	SUBGRADE
	33.00	1383.67	DITCH
	61.42	1376.56	SLOPE INTERCEPT
77+00	-47.05	1377.71	SLOPE INTERCEPT
	-25.80	1383.02	SUBGRADE
	0.00	1384.46	SUBGRADE
	25.80	1385.78	SUBGRADE
	33.00	1383.98	DITCH
	60.75	1377.04	SLOPE INTERCEPT
77+50	-45.37	1378.54	SLOPE INTERCEPT
	-25.80	1383.43	SUBGRADE
	0.00	1384.87	SUBGRADE
	25.80	1386.19	SUBGRADE
	33.00	1384.39	DITCH
	57.46	1378.27	SLOPE INTERCEPT
78+00	-43.23	1379.58	SLOPE INTERCEPT
	-25.80	1383.94	SUBGRADE
	0.00	1385.38	SUBGRADE
	25.80	1386.70	SUBGRADE
	33.00	1384.90	DITCH
	55.19	1379.35	SLOPE INTERCEPT
78+50	-40.17	1380.91	SLOPE INTERCEPT
	-25.80	1384.50	SUBGRADE
	0.00	1385.94	SUBGRADE
	25.80	1387.26	SUBGRADE
	33.00	1385.46	DITCH
	54.90	1379.98	SLOPE INTERCEPT
79+00	-37.28	1382.19	SLOPE INTERCEPT
	-25.80	1385.06	SUBGRADE
	0.00	1386.50	SUBGRADE
	25.80	1387.82	SUBGRADE
	33.00	1386.02	DITCH
	51.56	1381.38	SLOPE INTERCEPT
79+50	-35.54	1383.19	SLOPE INTERCEPT
	-25.80	1385.62	SUBGRADE
	0.00	1387.06	SUBGRADE
	25.80	1388.38	SUBGRADE
	33.00	1386.58	DITCH
	45.27	1383.51	SLOPE INTERCEPT
80+00	-34.37	1384.04	SLOPE INTERCEPT
	-25.80	1386.18	SUBGRADE
	0.00	1387.62	SUBGRADE
	25.80	1388.94	SUBGRADE
	33.00	1387.14	DITCH
	44.15	1384.35	SLOPE INTERCEPT
80+50	-33.45	1384.83	SLOPE INTERCEPT
	-25.80	1386.74	SUBGRADE
	0.00	1388.18	SUBGRADE
	25.80	1389.50	SUBGRADE
	33.00	1387.70	DITCH
	42.85	1385.24	SLOPE INTERCEPT
81+00	-32.47	1385.53	SLOPE INTERCEPT
	-25.80	1387.20	SUBGRADE
	0.00	1388.64	SUBGRADE
	25.80	1389.96	SUBGRADE
	33.00	1388.16	DITCH
	42.29	1385.83	SLOPE INTERCEPT
81+50	-30.72	1386.23	SLOPE INTERCEPT
	-25.80	1387.46	SUBGRADE
	0.00	1388.90	SUBGRADE
	25.80	1390.22	SUBGRADE
	33.00	1388.42	DITCH
	42.53	1386.04	SLOPE INTERCEPT
82+00	-29.49	1386.70	SLOPE INTERCEPT
	-25.80	1387.62	SUBGRADE
	0.00	1389.06	SUBGRADE
	25.80	1390.38	SUBGRADE
	33.00	1388.58	DITCH
	42.58	1386.18	SLOPE INTERCEPT
82+50	-28.28	1387.16	SLOPE INTERCEPT
	-25.80	1387.78	SUBGRADE
	0.00	1389.22	SUBGRADE
	25.80	1390.54	SUBGRADE
	33.00	1388.74	DITCH
	42.50	1386.36	SLOPE INTERCEPT
83+00	-28.92	1387.16	SLOPE INTERCEPT
	-25.80	1387.94	SUBGRADE
	0.00	1389.38	SUBGRADE
	25.80	1390.70	SUBGRADE
	33.00	1388.90	DITCH
	42.51	1386.52	SLOPE INTERCEPT
83+50	-30.95	1386.81	SLOPE INTERCEPT
	-25.80	1388.10	SUBGRADE
	0.00	1389.54	SUBGRADE
	25.80	1390.86	SUBGRADE
	33.00	1389.06	DITCH
	43.81	1386.35	SLOPE INTERCEPT
84+00	-32.23	1386.65	SLOPE INTERCEPT
	-25.80	1388.26	SUBGRADE
	0.00	1389.70	SUBGRADE
	25.80	1391.02	SUBGRADE
	33.00	1389.22	DITCH
	45.04	1386.21	SLOPE INTERCEPT
84+50	-32.03	1386.86	SLOPE INTERCEPT
	-25.80	1388.42	SUBGRADE
	0.00	1389.86	SUBGRADE
	25.80	1391.18	SUBGRADE
	33.00	1389.38	DITCH
	46.28	1386.06	SLOPE INTERCEPT
85+00	-32.15	1386.99	SLOPE INTERCEPT
	-25.80	1388.58	SUBGRADE
	0.00	1390.02	SUBGRADE
	25.80	1391.34	SUBGRADE
	33.00	1389.54	DITCH
	48.00	1385.79	SLOPE INTERCEPT
85+50	-32.28	1387.12	SLOPE INTERCEPT
	-25.80	1388.74	SUBGRADE
	0.00	1390.18	SUBGRADE
	25.80	1391.50	SUBGRADE
	33.00	1389.70	DITCH
	47.35	1386.11	SLOPE INTERCEPT
86+00	-32.02	1387.35	SLOPE INTERCEPT
	-25.80	1388.90	SUBGRADE
	0.00	1390.34	SUBGRADE
	25.80	1391.66	SUBGRADE
	33.00	1389.86	DITCH
	45.83	1386.65	SLOPE INTERCEPT
86+50	-30.12	1387.98	SLOPE INTERCEPT
	-25.80	1389.06	SUBGRADE
	0.00	1390.50	SUBGRADE
	25.80	1391.82	SUBGRADE
	33.00	1390.02	DITCH
	44.17	1387.23	SLOPE INTERCEPT
87+00	-34.54	1388.73	SLOPE INTERCEPT
	-32.23	1388.15	DITCH
	-25.80	1389.22	SUBGRADE
	0.00	1390.66	SUBGRADE
	25.80	1391.98	SUBGRADE
	33.00	1390.18	DITCH
	43.11	1387.65	SLOPE INTERCEPT
87+50	-36.36	1389.32	SLOPE INTERCEPT
	-32.40	1388.33	DITCH
	-25.80	1389.43	SUBGRADE
	0.00	1390.87	SUBGRADE
	25.80	1392.19	SUBGRADE
	33.00	1390.39	DITCH
	42.01	1388.14	SLOPE INTERCEPT
88+00	-40.07	1389.98	SLOPE INTERCEPT
	-33.78	1388.41	DITCH
	-25.80	1389.74	SUBGRADE
	0.00	1391.18	SUBGRADE
	25.80	1392.50	SUBGRADE
	33.00	1390.70	DITCH
	39.92	1388.97	SLOPE INTERCEPT
88+48.04	-42.03	1390.87	SLOPE INTERCEPT
	-33.78	1388.80	DITCH
	-25.80	1390.13	SUBGRADE
	0.00	1391.57	SUBGRADE
	25.80	1392.89	SUBGRADE
	36.08	1390.32	SLOPE INTERCEPT
89+00	-37.98	1391.30	SLOPE INTERCEPT
	-33.78	1390.25	DITCH
	-25.80	1391.58	SUBGRADE
	0.00	1392.10	SUBGRADE
	25.80	1392.48	SUBGRADE
	33.86	1391.14	SLOPE INTERCEPT
90+00	-37.14	1392.21	SLOPE INTERCEPT
	-33.78	1391.37	DITCH
	-25.80	1392.70	SUBGRADE
	0.00	1393.22	SUBGRADE
	25.80	1392.70	SUBGRADE
	33.78	1391.37	DITCH
	37.60	1392.32	SLOPE INTERCEPT
90+50.83	-37.49	1392.87	SLOPE INTERCEPT
	-33.78	1391.94	DITCH
	-25.80	1393.27	SUBGRADE
	0.00	1393.79	SUBGRADE
	27.80	1393.19	SUBGRADE
	35.78	1391.86	DITCH
	40.32	1392.99	SLOPE INTERCEPT
91+00	-37.15	1393.33	SLOPE INTERCEPT
	-33.78	1392.49	DITCH
	-25.80	1393.82	SUBGRADE
	0.00	1394.34	SUBGRADE
	28.79	1393.76	SUBGRADE
	28.93	1393.48	SLOPE INTERCEPT
91+25.43	-36.28	1393.40	SLOPE INTERCEPT
	-33.78	1392.77	DITCH
	-25.80	1394.10	SUBGRADE
	0.00	1394.62	SUBGRADE
	28.79	1394.04	SUBGRADE
	28.94	1393.69	SLOPE INTERCEPT
91+80.72	-34.77	1393.64	SLOPE INTERCEPT
	-33.78	1393.39	DITCH
	-25.80	1394.72	SUBGRADE
	0.00	1395.24	SUBGRADE
	27.80	1394.64	SUBGRADE
	35.78	1393.31	DITCH
	39.26	1394.18	SLOPE INTERCEPT
92+00	-35.67	1394.08	SLOPE INTERCEPT
	-33.78	1393.61	DITCH
	-25.80	1394.94	SUBGRADE
	0.00	1395.46	SUBGRADE
	25.89	1394.94	SUBGRADE
	33.87	1393.61	DITCH
	37.23	1394.45	SLOPE INTERCEPT
93+00	-36.91	1395.51	SLOPE INTERCEPT
	-33.78	1394.73	DITCH
	-25.80	1396.06	SUBGRADE
	0.00	1396.58	SUBGRADE
	25.80	1396.06	SUBGRADE
	33.78	1394.73	DITCH
	37.11	1395.56	SLOPE INTERCEPT
94+00	-36.26	1396.79	SLOPE INTERCEPT
	-33.78	1396.17	DITCH
	-25.80	1397.50	SUBGRADE
	0.00	1397.70	SUBGRADE
	25.80	1397.18	SUBGRADE
	33.78	1395.85	DITCH
	36.60	1396.55	SLOPE INTERCEPT
95+00	-37.01	1398.00	SLOPE INTERCEPT
	-25.80	1399.87	SUBGRADE
	0.00	1398.82	SUBGRADE
	25.80	1397.65	SUBGRADE
	33.78	1396.32	DITCH
	39.14	1397.66	SLOPE INTERCEPT
95+14.62	-38.92	1398.11	SLOPE INTERCEPT
	-25.80	1400.30	SUBGRADE
	0.00	1398.98	SUBGRADE
	25.80	1397.54	SUBGRADE
	31.80	1396.54	DITCH
	37.23	1397.90	SLOPE INTERCEPT

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSEC 09-25-2000 2:36:16 pm CST

CTH Z

NOTE

POSITIVE OFFSET DISTANCES ARE RIGHT OF CENTERLINE
NEGATIVE OFFSET DISTANCES ARE LEFT OF CENTERLINE

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

CROSS SECTIONS

CTH Z — MARATHON CO.

STATION	OFFSET	ELEVATION	DESCRIPTION
95+50	-39.49	1398.42	SLOPE INTERCEPT
	-25.80	1400.70	SUBGRADE
	0.00	1399.38	SUBGRADE
	25.80	1397.94	SUBGRADE
	33.78	1396.61	DITCH
	39.98	1398.16	SLOPE INTERCEPT
96+00	-39.99	1398.89	SLOPE INTERCEPT
	-25.80	1401.26	SUBGRADE
	0.00	1399.94	SUBGRADE
	25.80	1398.50	SUBGRADE
	33.78	1397.17	DITCH
	39.89	1398.70	SLOPE INTERCEPT
96+50	-38.88	1399.64	SLOPE INTERCEPT
	-25.80	1401.82	SUBGRADE
	0.00	1400.50	SUBGRADE
	25.80	1399.06	SUBGRADE
	33.78	1397.73	DITCH
	42.09	1399.81	SLOPE INTERCEPT
97+00	-36.85	1400.54	SLOPE INTERCEPT
	-25.80	1402.38	SUBGRADE
	0.00	1401.06	SUBGRADE
	25.80	1399.62	SUBGRADE
	33.78	1398.29	DITCH
	44.21	1400.90	SLOPE INTERCEPT
97+50	-34.15	1401.60	SLOPE INTERCEPT
	-25.80	1402.99	SUBGRADE
	0.00	1401.67	SUBGRADE
	25.80	1400.24	SUBGRADE
	33.78	1398.91	DITCH
	46.88	1402.18	SLOPE INTERCEPT
98+00	-32.61	1402.58	SLOPE INTERCEPT
	-25.80	1403.72	SUBGRADE
	0.00	1402.40	SUBGRADE
	25.80	1400.96	SUBGRADE
	33.78	1399.63	DITCH
	48.84	1403.40	SLOPE INTERCEPT
98+50	-36.02	1403.78	SLOPE INTERCEPT
	-33.78	1403.22	DITCH
	-25.80	1404.55	SUBGRADE
	0.00	1403.23	SUBGRADE
	25.80	1401.80	SUBGRADE
	33.78	1400.47	DITCH
	49.58	1404.42	SLOPE INTERCEPT
99+00	-36.80	1404.92	SLOPE INTERCEPT
	-33.78	1404.17	DITCH
	-25.80	1405.50	SUBGRADE
	0.00	1404.18	SUBGRADE
	25.80	1402.74	SUBGRADE
	33.78	1401.41	DITCH
	49.92	1405.45	SLOPE INTERCEPT
99+48.17	-38.79	1405.96	SLOPE INTERCEPT
	-35.78	1405.21	DITCH
	-27.80	1406.54	SUBGRADE
	0.00	1405.14	SUBGRADE
	25.80	1403.70	SUBGRADE
	33.78	1402.37	DITCH
	49.81	1406.38	SLOPE INTERCEPT
100+00	-27.98	1407.85	SUBGRADE
	-27.98	1407.23	SLOPE INTERCEPT
	0.00	1406.18	SUBGRADE
	25.80	1404.74	SUBGRADE
	33.78	1403.41	DITCH
	49.53	1407.35	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
100+50	-42.03	1408.09	SLOPE INTERCEPT
	-39.53	1407.47	DITCH
	-31.55	1408.80	SUBGRADE
	0.00	1407.18	SUBGRADE
	25.80	1405.74	SUBGRADE
	33.78	1404.41	DITCH
	48.56	1408.10	SLOPE INTERCEPT
100+69.29	-39.51	1408.56	SLOPE INTERCEPT
	-35.78	1407.63	DITCH
	-27.80	1408.96	SUBGRADE
	0.00	1407.56	SUBGRADE
	25.80	1406.13	SUBGRADE
	33.78	1404.80	DITCH
	48.19	1408.40	SLOPE INTERCEPT
101+00	-38.22	1409.28	SLOPE INTERCEPT
	-33.78	1408.17	DITCH
	-25.80	1409.50	SUBGRADE
	0.00	1408.18	SUBGRADE
	25.80	1406.74	SUBGRADE
	33.78	1405.41	DITCH
	47.76	1408.91	SLOPE INTERCEPT
101+50	-37.47	1410.09	SLOPE INTERCEPT
	-33.78	1409.17	DITCH
	-25.80	1410.50	SUBGRADE
	0.00	1409.18	SUBGRADE
	25.80	1407.74	SUBGRADE
	33.78	1406.41	DITCH
	47.35	1409.80	SLOPE INTERCEPT
102+00	-39.66	1409.81	SLOPE INTERCEPT
	-37.80	1409.50	DITCH
	-25.80	1411.50	SUBGRADE
	0.00	1410.18	SUBGRADE
	25.80	1408.74	SUBGRADE
	33.78	1407.41	DITCH
	46.58	1410.61	SLOPE INTERCEPT
102+50	-50.40	1412.40	SLOPE INTERCEPT
	-40.79	1410.00	DITCH
	-25.80	1412.50	SUBGRADE
	0.00	1411.18	SUBGRADE
	25.80	1409.74	SUBGRADE
	33.78	1408.41	DITCH
	43.99	1410.96	SLOPE INTERCEPT
103+00	-65.71	1411.04	SLOPE INTERCEPT
	-41.99	1410.80	DITCH
	-25.80	1413.50	SUBGRADE
	0.00	1412.18	SUBGRADE
	25.80	1410.74	SUBGRADE
	33.78	1409.41	DITCH
	41.98	1411.46	SLOPE INTERCEPT
103+50	-52.78	1411.12	SLOPE INTERCEPT
	-46.79	1411.00	DITCH
	-25.80	1414.50	SUBGRADE
	0.00	1413.18	SUBGRADE
	25.80	1411.74	SUBGRADE
	33.78	1410.41	DITCH
	40.74	1412.15	SLOPE INTERCEPT
104+00	-41.34	1411.55	SLOPE INTERCEPT
	-25.80	1415.44	SUBGRADE
	0.00	1414.11	SUBGRADE
	25.80	1412.68	SUBGRADE
	35.87	1411.00	DITCH
	42.42	1412.64	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
104+50	-38.58	1413.05	SLOPE INTERCEPT
	-25.80	1416.25	SUBGRADE
	0.00	1414.93	SUBGRADE
	25.80	1413.49	SUBGRADE
	45.50	1411.20	DITCH
	45.51	1411.20	SLOPE INTERCEPT
105+00	-37.07	1414.68	SLOPE INTERCEPT
	-25.80	1416.94	SUBGRADE
	0.00	1415.61	SUBGRADE
	25.80	1414.18	SUBGRADE
	28.38	1413.66	SLOPE INTERCEPT
105+50	-41.18	1413.65	SLOPE INTERCEPT
	-25.80	1417.50	SUBGRADE
	0.00	1416.18	SUBGRADE
	25.80	1414.74	SUBGRADE
	27.12	1414.41	SLOPE INTERCEPT
106+00	-40.88	1414.17	SLOPE INTERCEPT
	-25.80	1417.94	SUBGRADE
	0.00	1416.61	SUBGRADE
	25.80	1415.18	SUBGRADE
	27.08	1414.86	SLOPE INTERCEPT
106+50	-39.77	1414.76	SLOPE INTERCEPT
	-25.80	1418.25	SUBGRADE
	0.00	1416.93	SUBGRADE
	25.80	1415.49	SUBGRADE
	27.09	1415.17	SLOPE INTERCEPT
107+00	-40.82	1414.68	SLOPE INTERCEPT
	-25.80	1418.44	SUBGRADE
	0.00	1417.11	SUBGRADE
	25.80	1415.68	SUBGRADE
	26.64	1415.47	SLOPE INTERCEPT
107+50	-40.37	1414.86	SLOPE INTERCEPT
	-25.80	1418.50	SUBGRADE
	0.00	1417.18	SUBGRADE
	25.80	1415.74	SUBGRADE
	26.04	1415.68	SLOPE INTERCEPT
108+00	-39.54	1415.00	SLOPE INTERCEPT
	-25.80	1418.44	SUBGRADE
	0.00	1417.11	SUBGRADE
	25.80	1415.68	SUBGRADE
	38.87	1413.50	DITCH
	46.80	1413.60	SLOPE INTERCEPT
108+30	-38.84	1415.08	SLOPE INTERCEPT
	-25.80	1418.34	SUBGRADE
	0.00	1417.02	SUBGRADE
	25.80	1415.58	SUBGRADE
	38.29	1413.50	DITCH
	69.88	1415.40	SLOPE INTERCEPT
108+50	-39.59	1415.49	SLOPE INTERCEPT
	-25.80	1418.25	SUBGRADE
	0.00	1416.93	SUBGRADE
	25.80	1415.49	SUBGRADE
	33.78	1414.16	DITCH
	42.46	1414.27	SLOPE INTERCEPT
109+00	-41.34	1415.41	SLOPE INTERCEPT
	-25.80	1418.00	SUBGRADE
	0.00	1416.68	SUBGRADE
	25.80	1415.24	SUBGRADE
	33.78	1413.91	DITCH
	39.20	1413.81	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
109+50	-37.31	1415.83	SLOPE INTERCEPT
	-25.80	1417.75	SUBGRADE
	0.00	1416.43	SUBGRADE
	25.80	1414.99	SUBGRADE
	32.65	1413.85	DITCH
	37.16	1413.94	SLOPE INTERCEPT
109+57.15	-36.67	1415.90	SLOPE INTERCEPT
	-25.80	1417.71	SUBGRADE
	0.00	1416.39	SUBGRADE
	25.80	1414.96	SUBGRADE
	32.28	1413.88	DITCH
	36.93	1413.92	SLOPE INTERCEPT
110+00	-34.94	1415.67	SLOPE INTERCEPT
	-33.78	1415.38	DITCH
	-25.80	1416.71	SUBGRADE
	0.00	1416.18	SUBGRADE
	25.80	1415.53	SUBGRADE
	37.14	1413.70	DITCH
	43.49	1414.02	SLOPE INTERCEPT
111+00	-41.07	1415.72	SLOPE INTERCEPT
	-33.78	1413.90	DITCH
	-25.80	1415.23	SUBGRADE
	0.00	1415.68	SUBGRADE
	25.80	1415.16	SUBGRADE
	36.36	1413.40	DITCH
	38.88	1414.03	SLOPE INTERCEPT
112+00	-37.43	1415.81	SLOPE INTERCEPT
	-31.26	1413.75	DITCH
	-25.80	1414.66	SUBGRADE
	0.00	1415.18	SUBGRADE
	25.80	1414.66	SUBGRADE
	35.16	1413.10	DITCH
	39.38	1414.15	SLOPE INTERCEPT

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1 REV. DATE: ORIGINATOR:

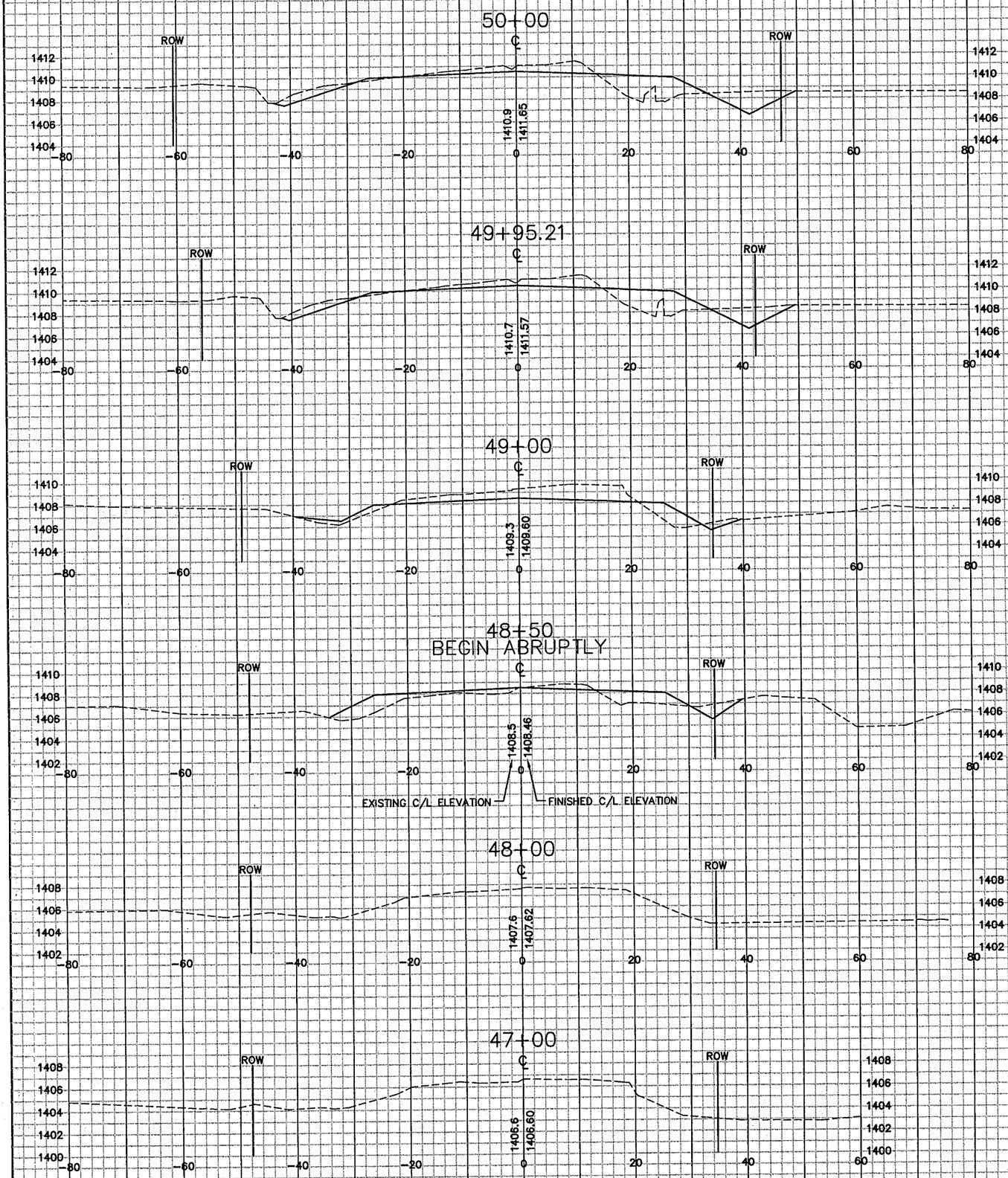
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSEC 09-25-2000 2:36:16 pm CST

WISDOT/CADDS SHEET 42

ORIGINATOR: BHA REV. DATE: PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

01



** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

1"=10'

1"=20'

STATE PROJECT NUMBER 9440-02-00

CROSS SECTIONS

CTH Z

MARATHON CO.

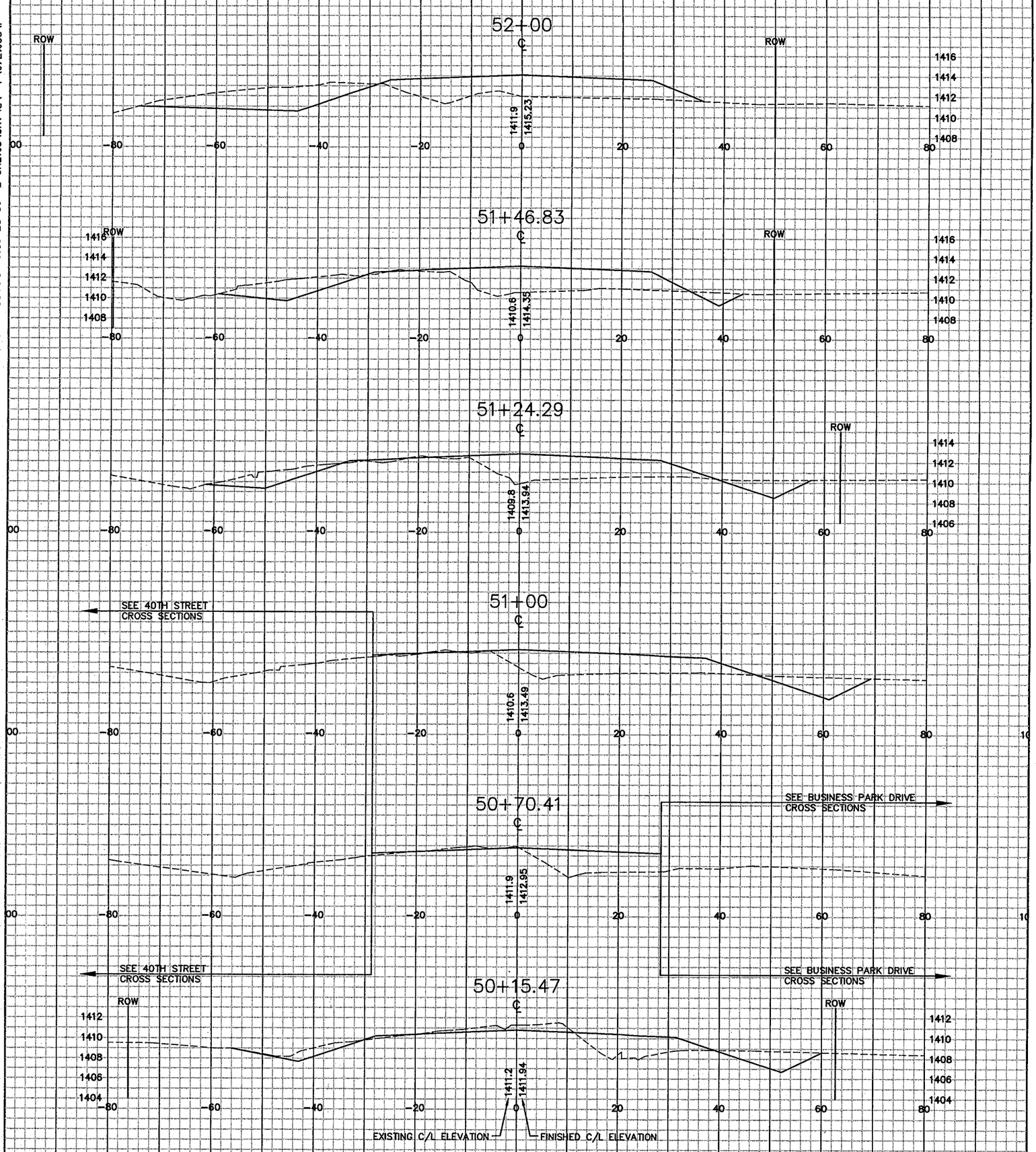
SHEET NO.

WISDOT/CADDS SHEET 42

ORIGINATOR: REV. DATE: PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

02



** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

1"=10'

1"=20'

STATE PROJECT NUMBER 9440-02-00

CROSS SECTIONS

CTH Z

MARATHON CO.

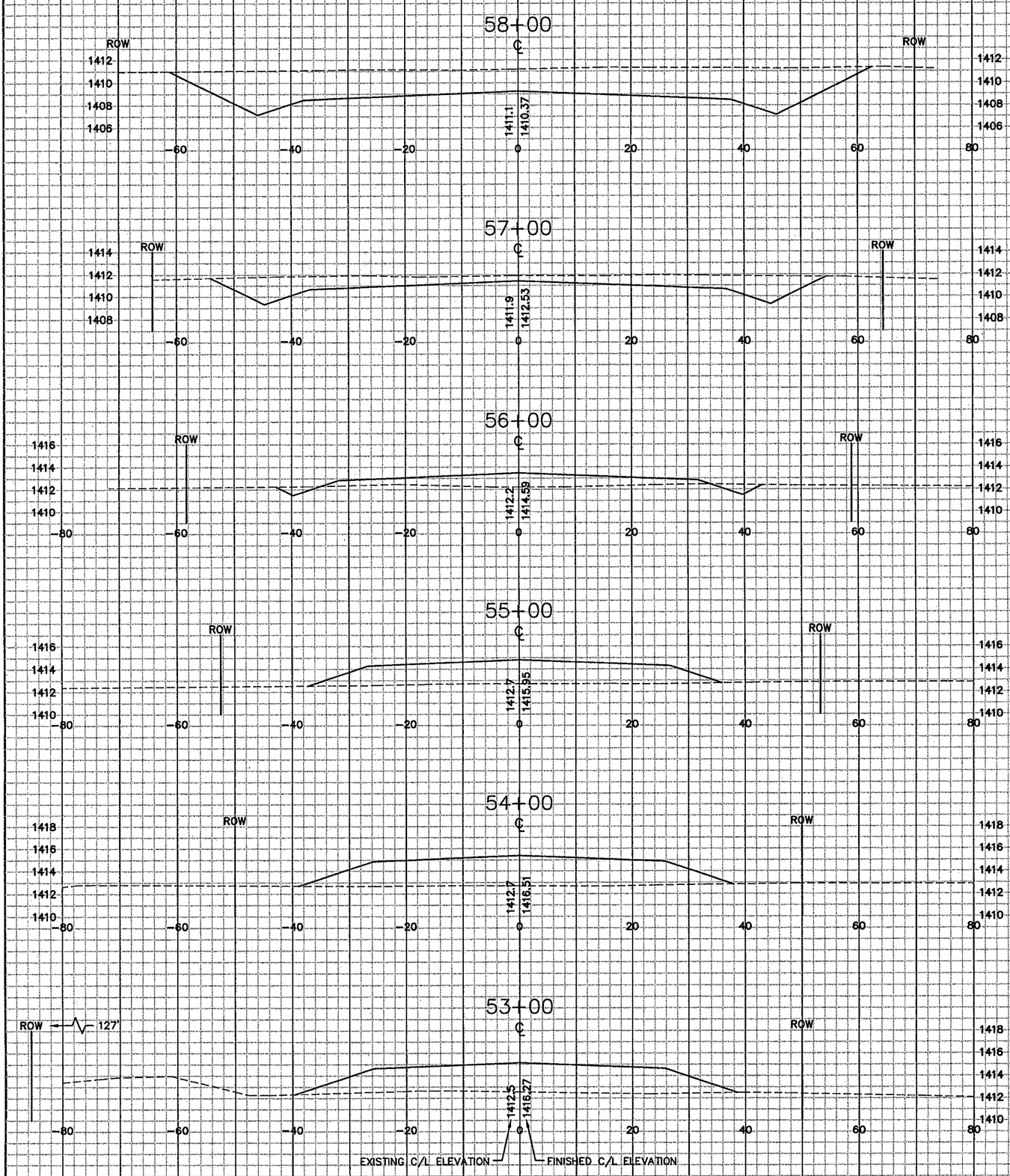
SHEET NO.

WISDOT/CADDS SHEET 42

ORIGINATOR: BHA REV. DATE: PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

03



** SUBGRADE ELEVATION IS 1.17 FEET
BELOW FINISHED ELEVATION

CTH Z

1"=10'

1"=20'

STATE PROJECT NUMBER 9440-02-00

CROSS SECTIONS

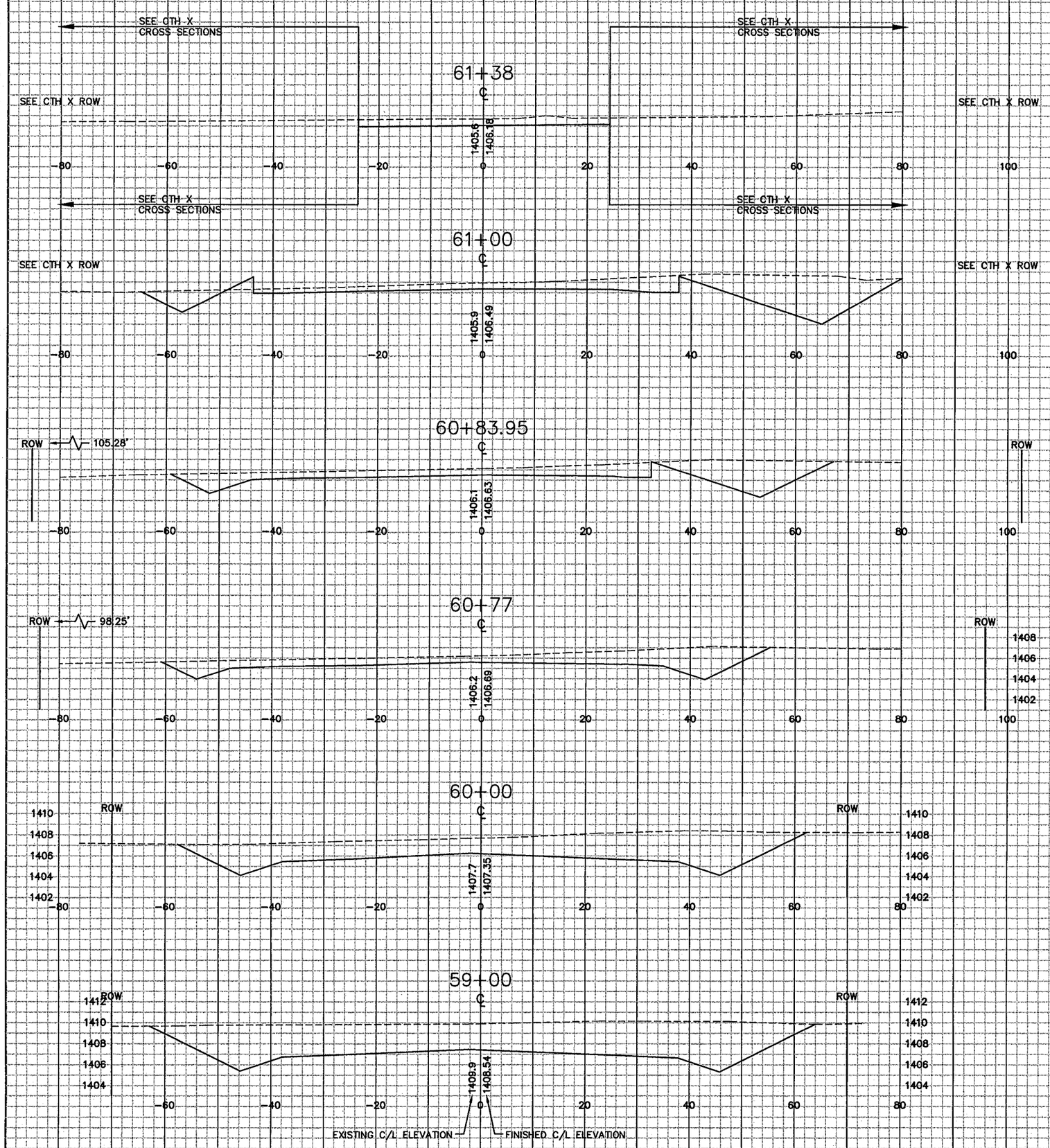
CTH Z

MARATHON CO.

SHEET NO

WISDOT/CADDS SHEET 42

ORIGINATOR: S REV. DATE: PLOT NAME: 8017XS-Z PLOT SCALE: 1:1



** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

1"=10'

1"=20'

STATE PROJECT NUMBER 9440-02-00

CROSS SECTIONS

CTH Z

MARATHON CO.

SHEET NO.

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

1"=10'

1"=20'

05

62+23 ℄ 62+16.05 ℄ 62+00 ℄ 61+62 ℄ 61+50 ℄

100' ROW

SEE CTH 'X' ROW

SEE CTH 'X' CROSS SECTIONS

1396.4 1405.5 1397.9 1405.58 1401.3 1405.74 1406.0 1406.0 1406.2 1406.14

FINISHED C/L ELEVATION

EXISTING C/L ELEVATION

** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

ROW 1406 1404 1402 1400 1398 1396 1394

20 40 60 80 100

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

1/5

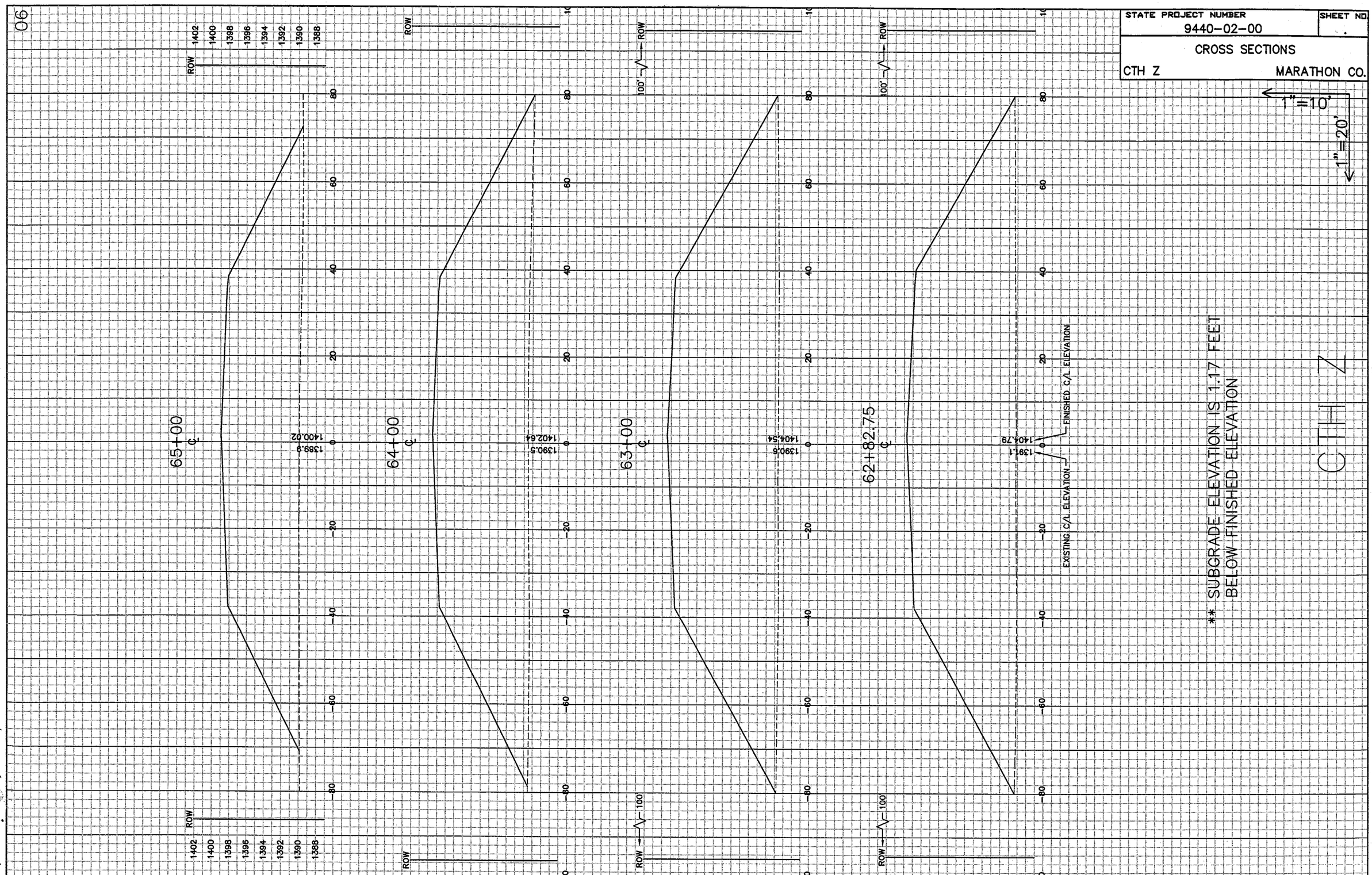
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	

CROSS SECTIONS

CTH Z MARATHON CO.



** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1 REV. DATE: ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

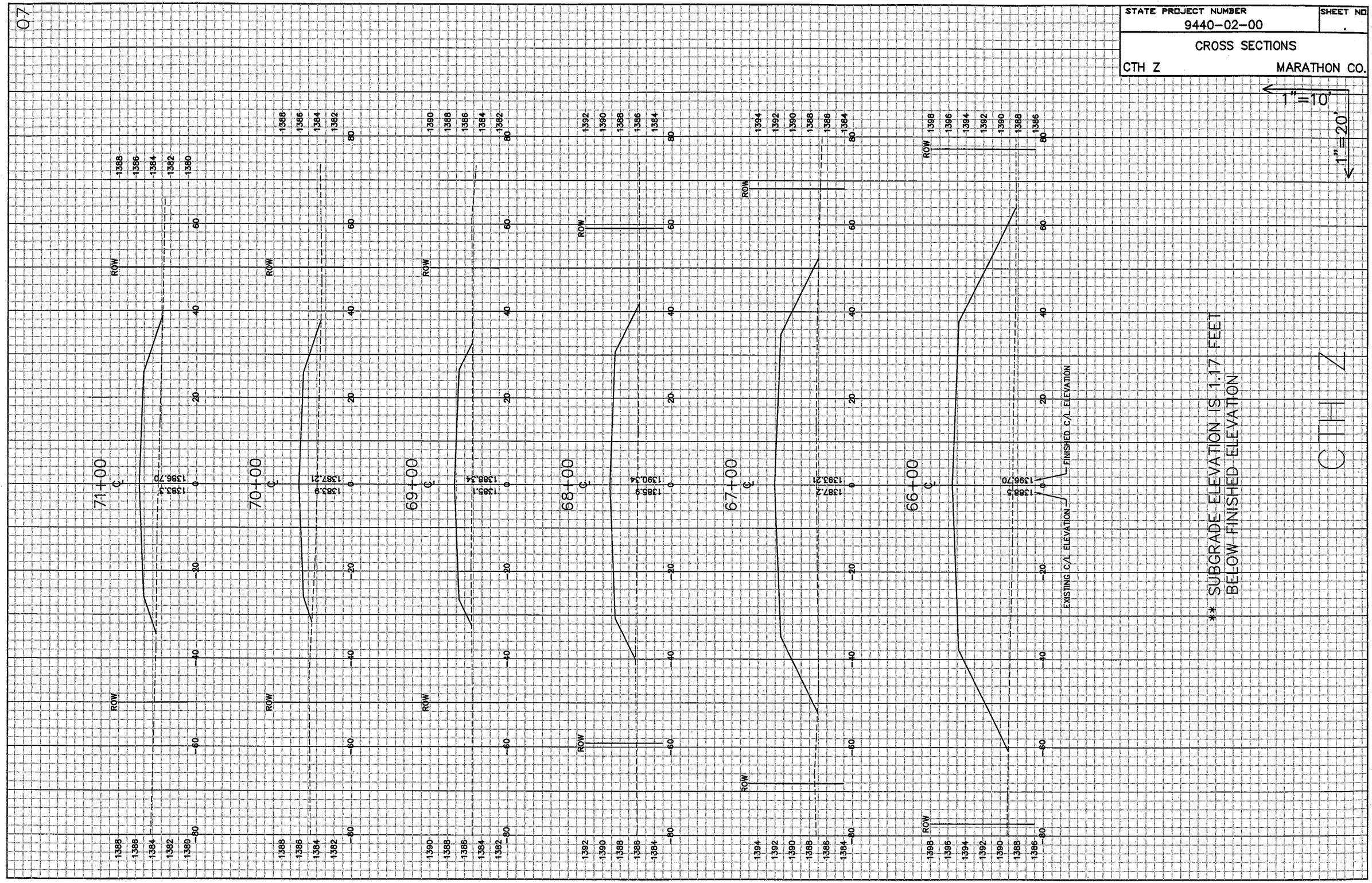
WISDOT/CADDS SHEET 42

116

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

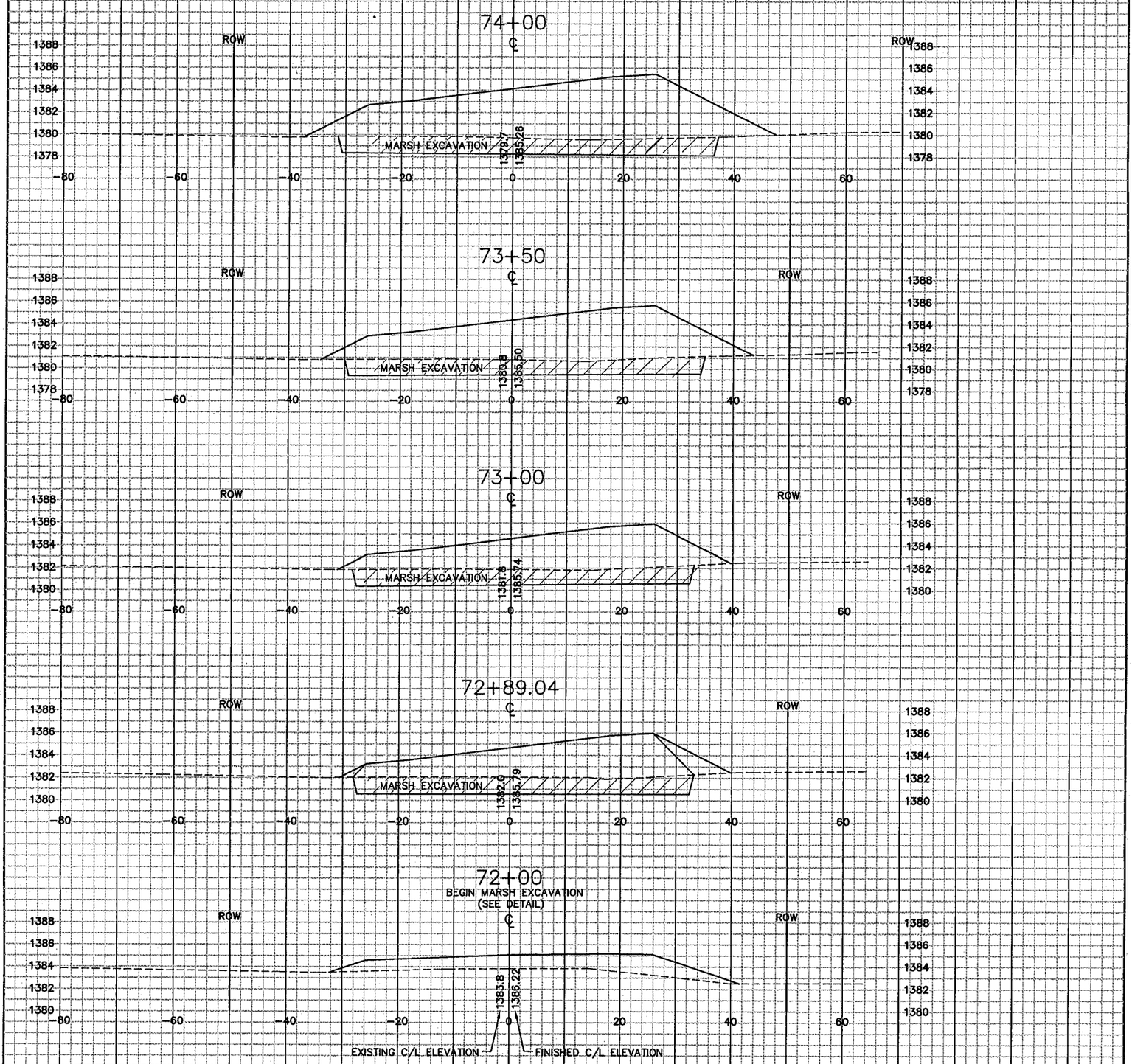


PLOT NAME: 8017XS-Z PLOT SCALE: 1:1 REV. DATE: ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

FILE NAME: P:\sd45kpro\J\980170\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST



** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

1"=10'

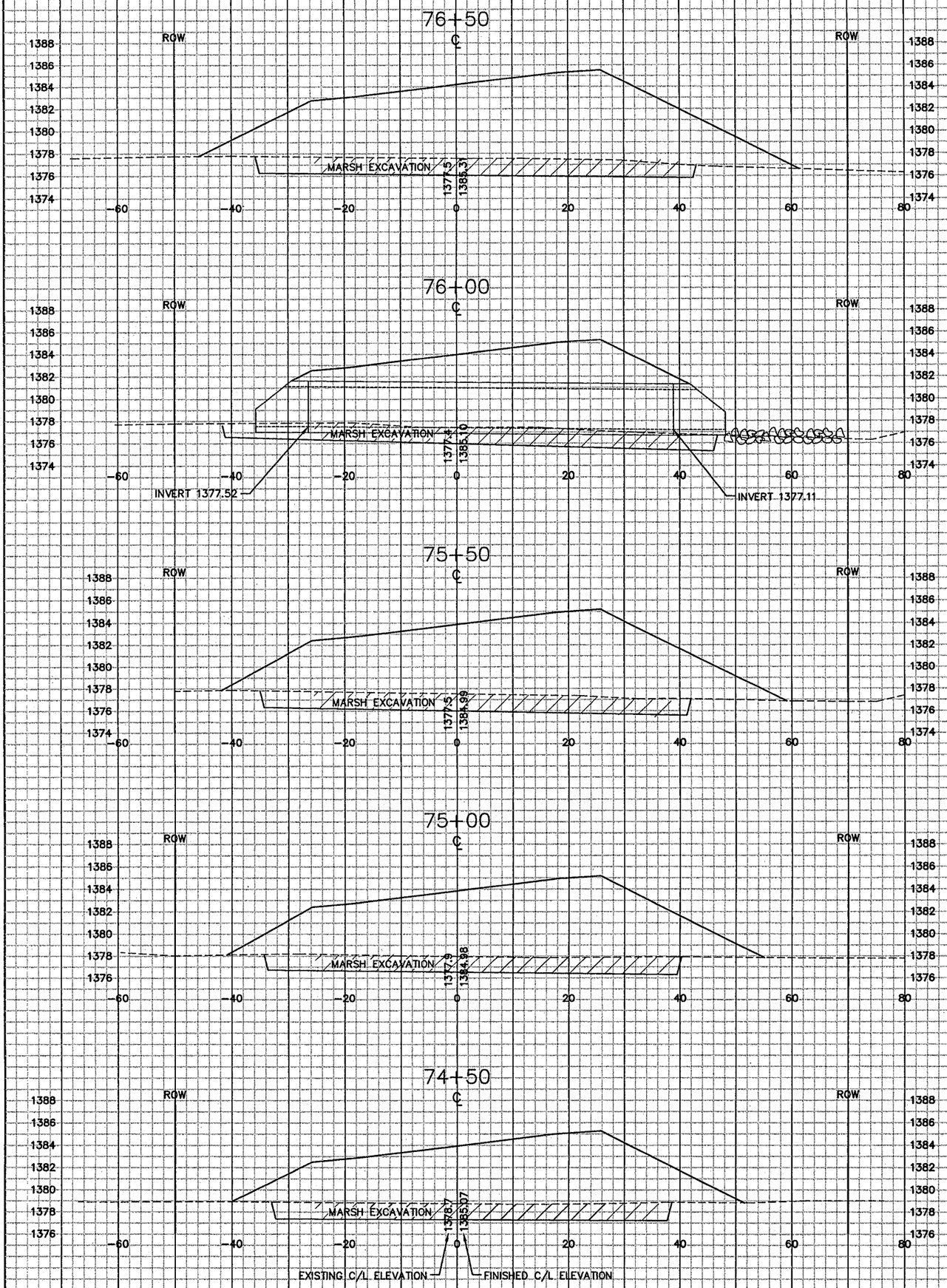
1"=20'

CTH Z
CROSS SECTIONS
MARATHON CO.

STATE PROJECT NUMBER
9440-02-00

SHEET NO
.

WI SDOT/CADDS SHEET 42



** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

1"=10'

1"=20'

CTH Z

CROSS SECTIONS

MARATHON CO.

STATE PROJECT NUMBER

9440-02-00

SHEET NO

.

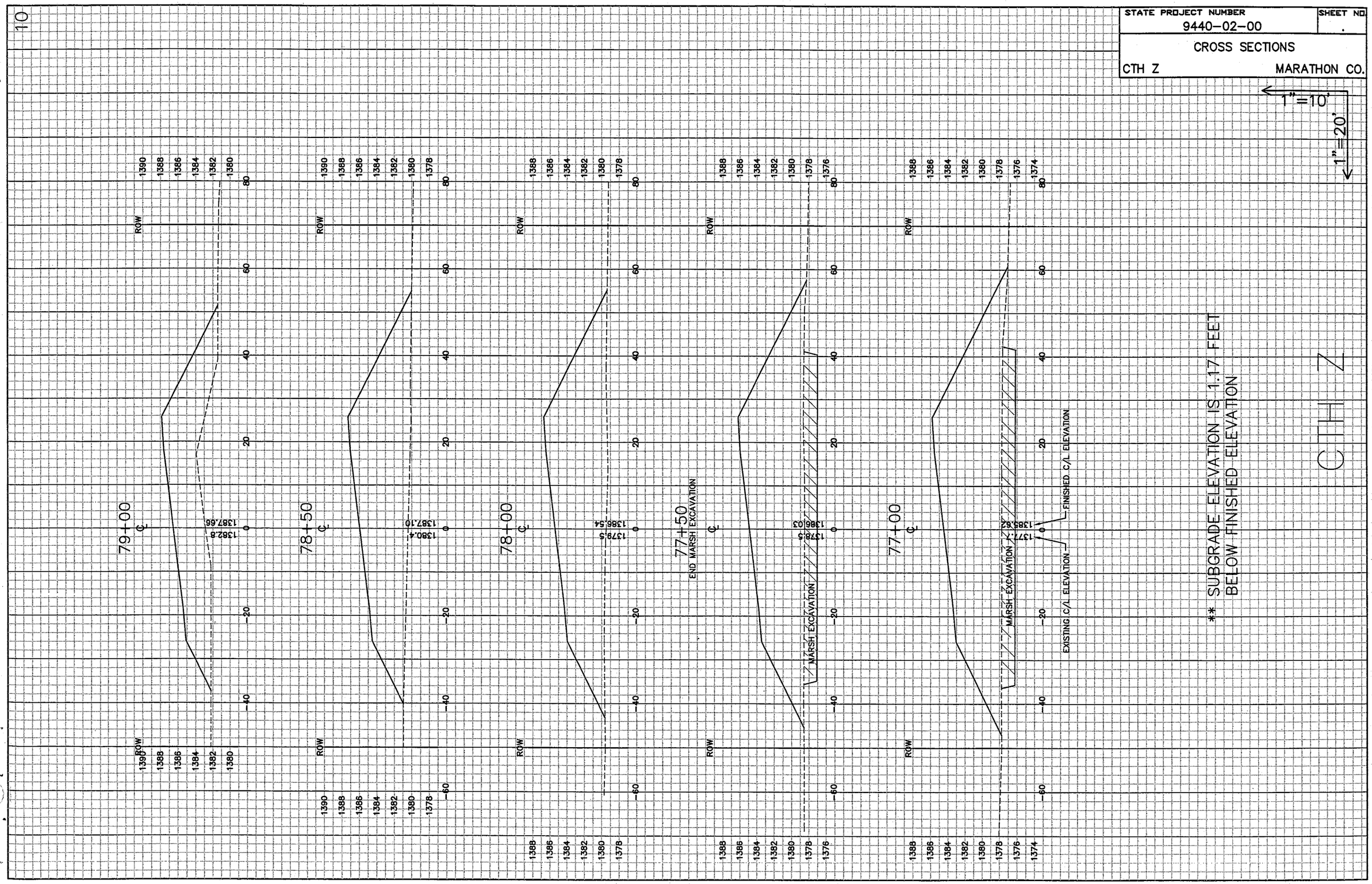
FILE NAME: P:\sdskproj\98017J0.dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WI SDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

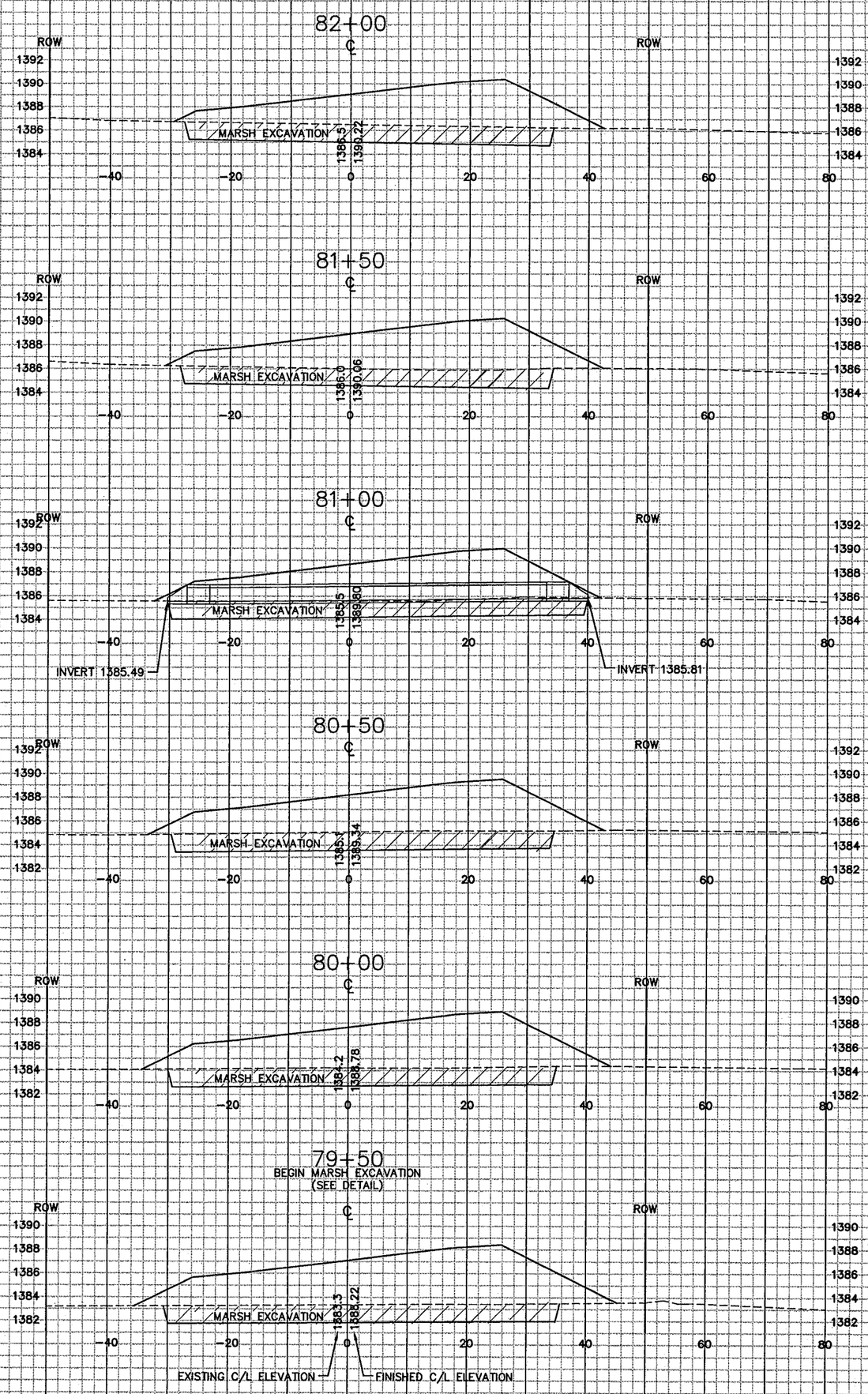


ORIGINATOR: 3 REV. DATE: PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

ORIGINATOR: BHA REV. DATE: PLOT NAME: 8017XS-Z PLOT SCALE: 1:1



** SUBGRADE ELEVATION IS 1.17 FEET
BELOW FINISHED ELEVATION

CTH Z

1"=10'

1"=20'

STATE PROJECT NUMBER 9440-02-00

CROSS SECTIONS

CTH Z

MARATHON CO.

SHEET NO

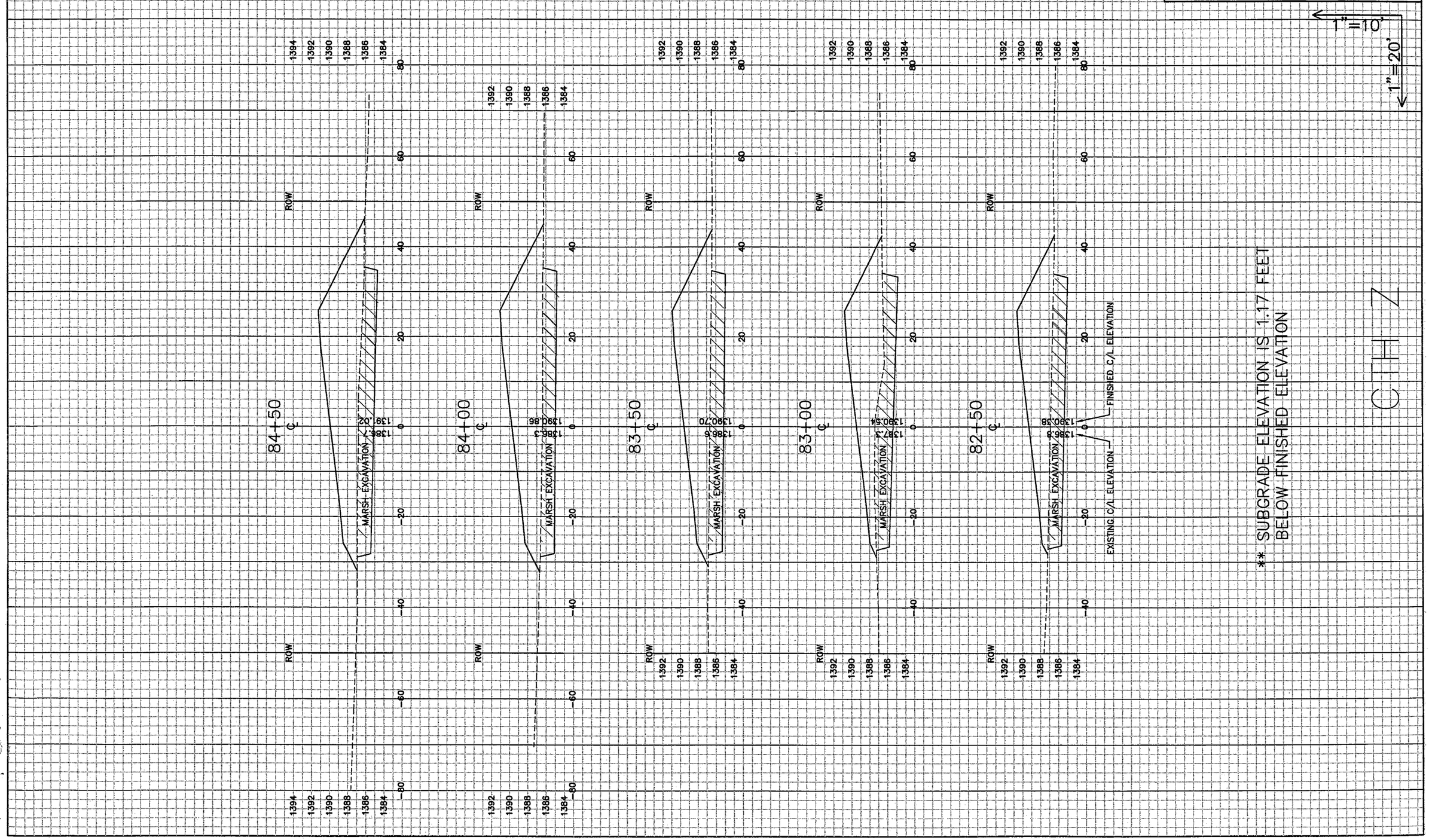
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.



** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

12

PLOT SCALE: 1:1

PLOT NAME: 8017XS-Z

REV. DATE:

ORIGINATOR: B

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

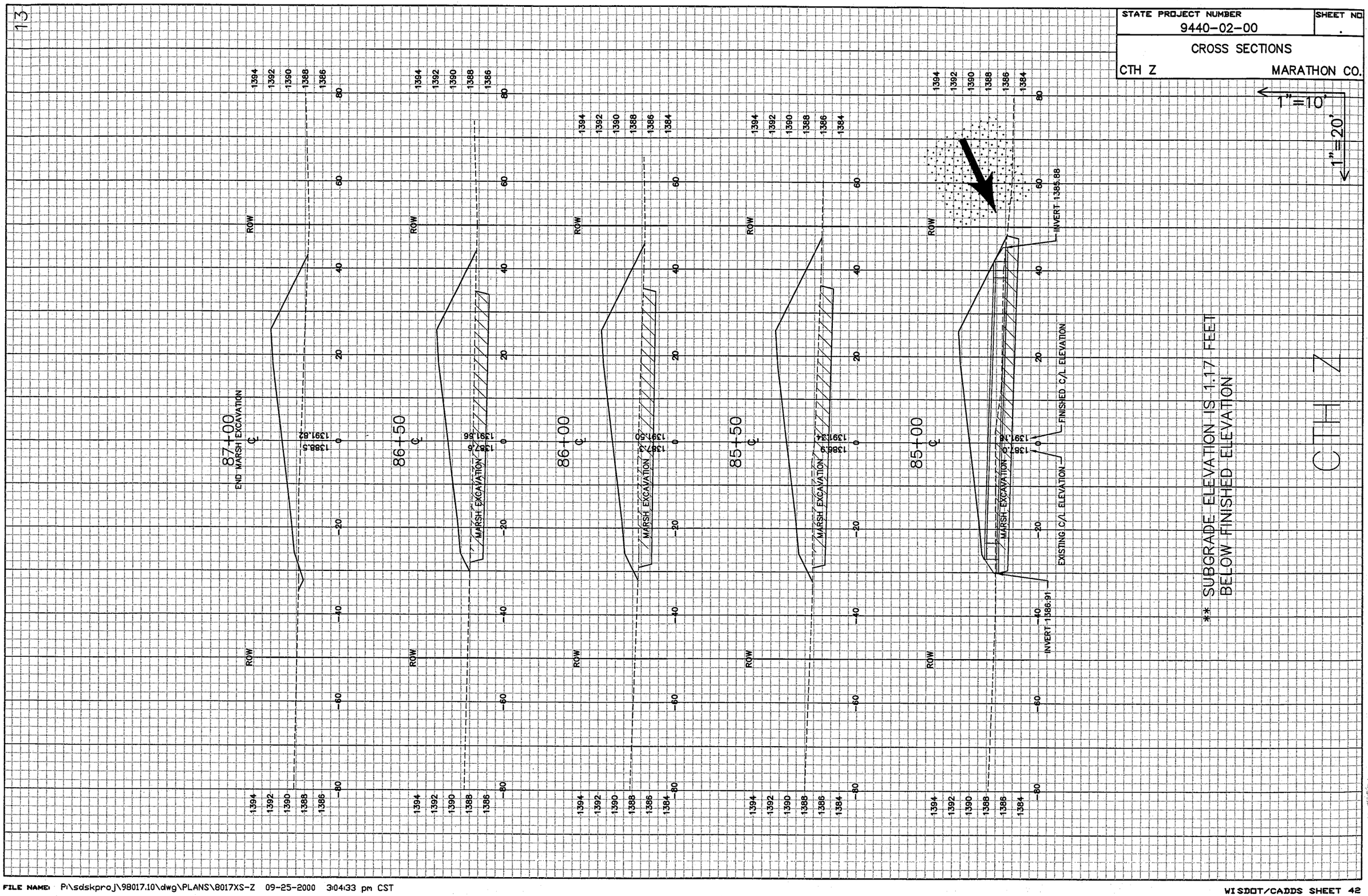
STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

1"=10'

1"=20'



PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

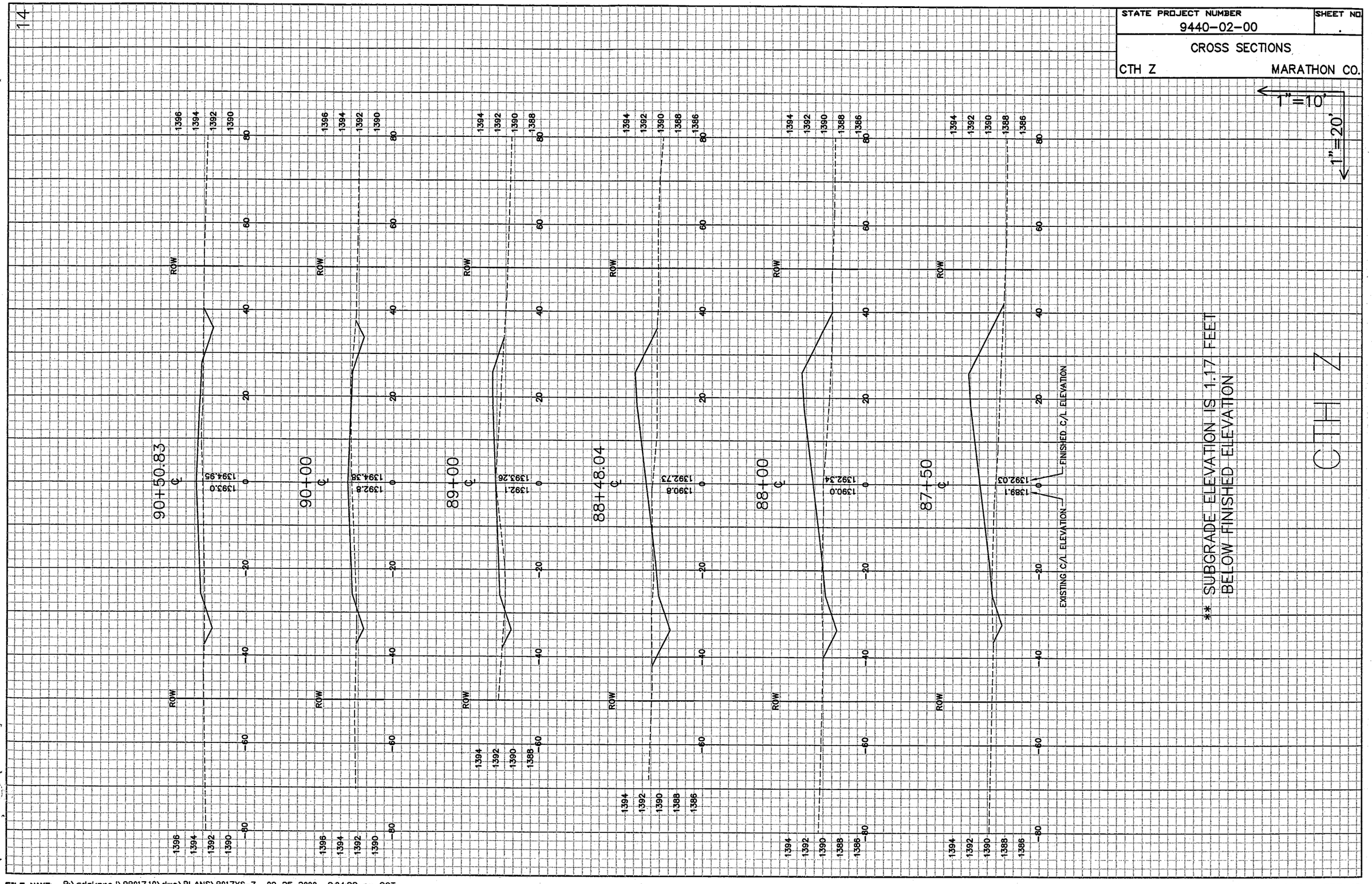
WISDOT/CADDS SHEET 42

123

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.



PLOT SCALE: 1:1

PLOT NAME: 8017XS-Z

REV. DATE:

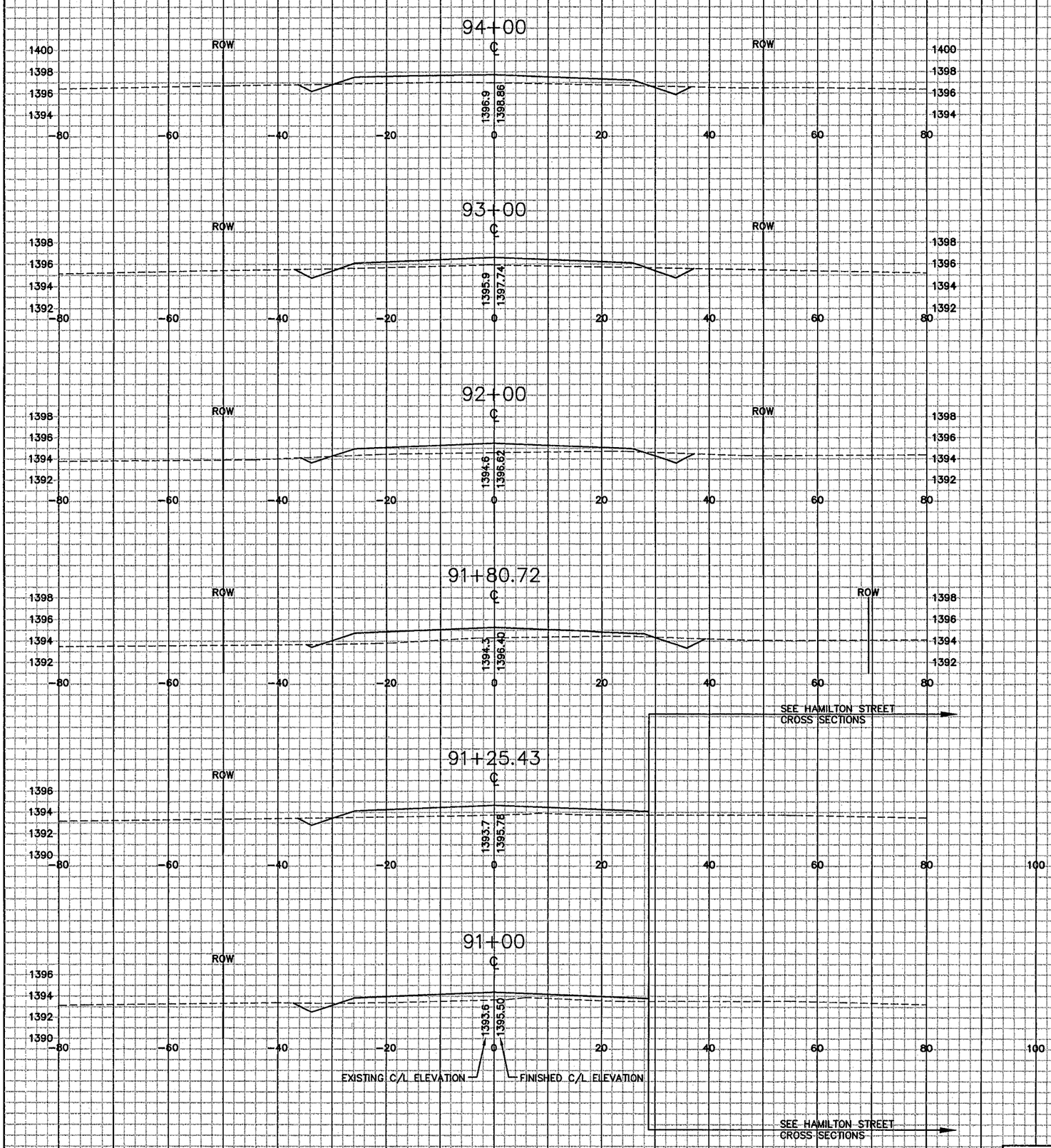
ORIGINATOR: I

124

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

ORIGINATOR: BHA REV. DATE: PLOT NAME: 8017XS-Z PLOT SCALE: 1:1



** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

1"=10'

1"=20'

STATE PROJECT NUMBER 9440-02-00

CROSS SECTIONS

CTH Z

MARATHON CO.

SHEET NO

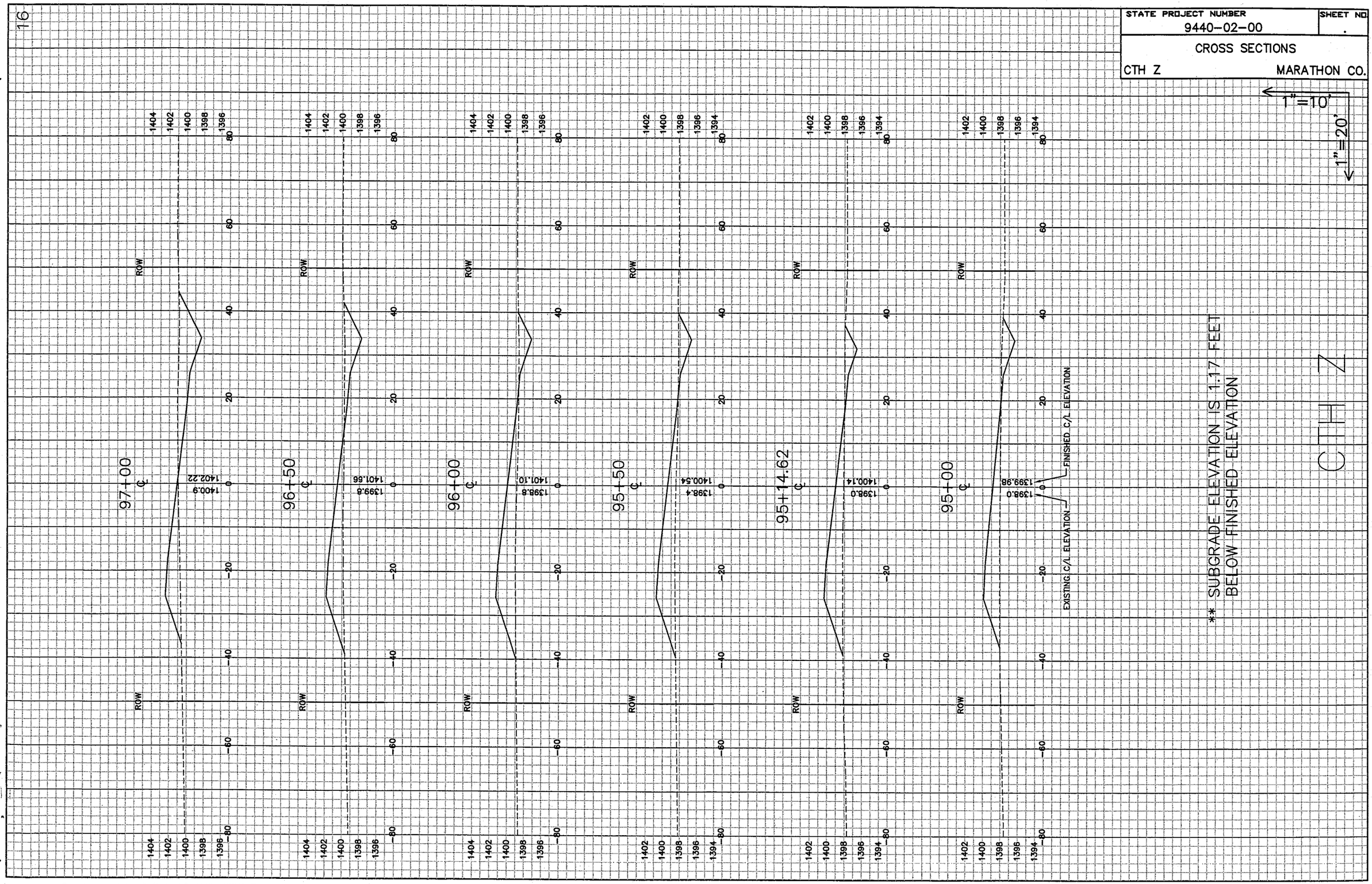
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.



PLOT SCALE: 1:1

PLOT NAME: 8017XS-Z

REV. DATE:

ORIGINATOR: 3

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

126

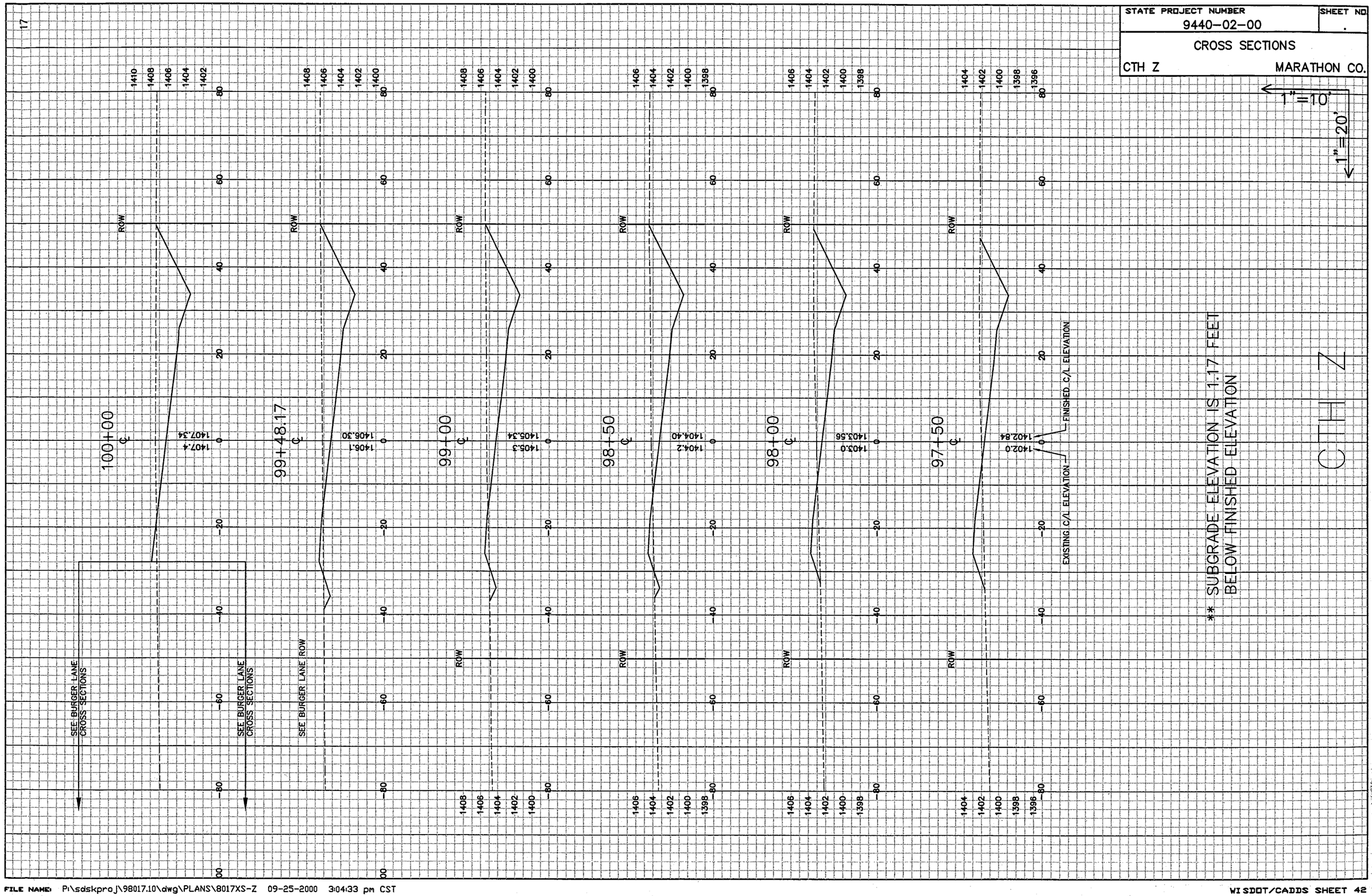
STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

1"=10'

1"=20'



PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

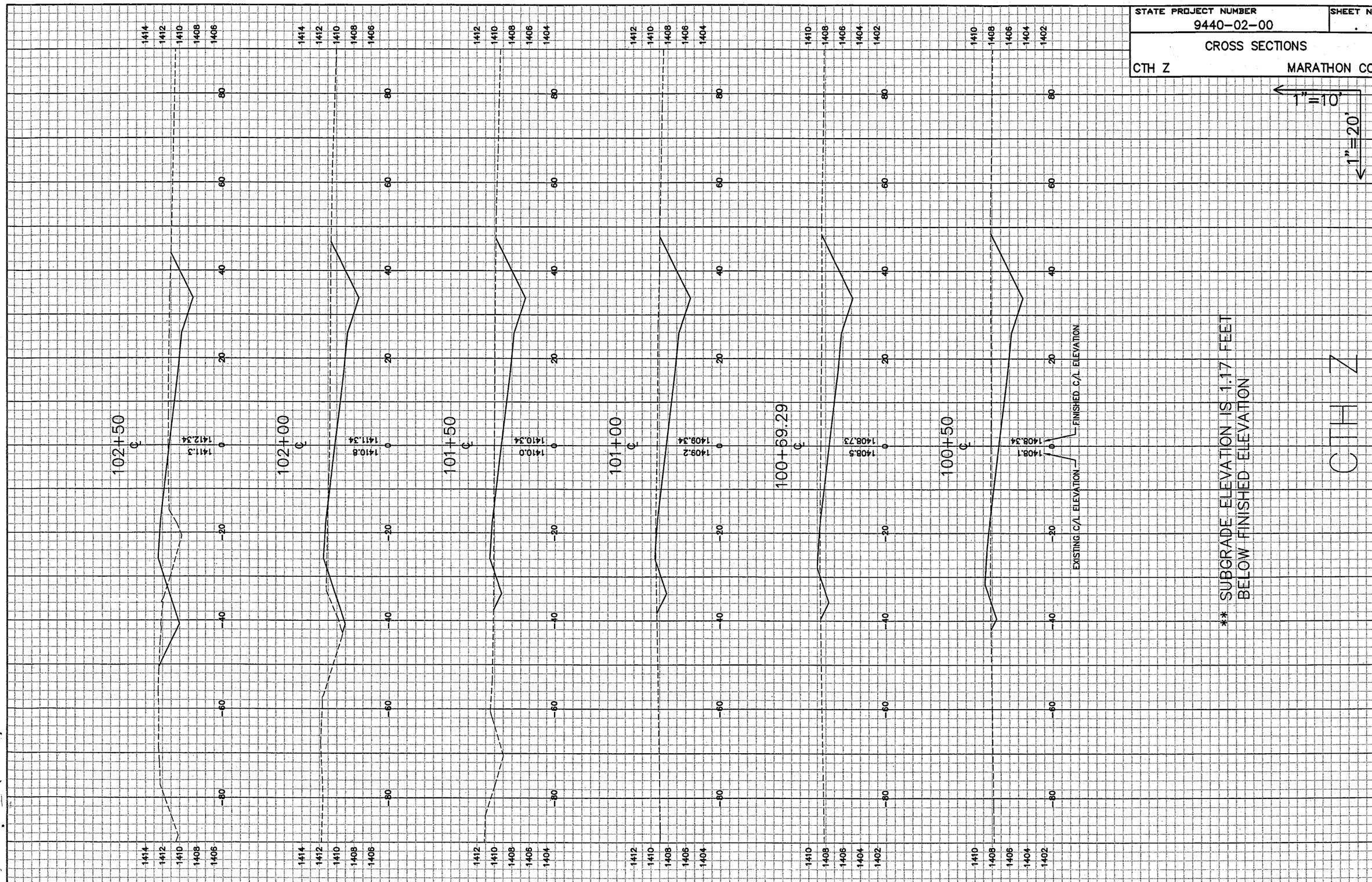
FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.



ORIGINATOR: 2 REV. DATE: PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

128

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	

CROSS SECTIONS

CTH Z MARATHON CO.

1" = 10'

1" = 20'

105+00 ℄ 104+50 ℄ 104+00 ℄ 103+50 ℄ 103+00 ℄

PE LEFT

ROW 132' ROW 172' ROW

1418 1416 1414 1412 1410 1408

0 20 40 60 80

1416.78 1414.9 1416.09 1414.1 1415.28 1413.7 1414.34 1412.6 1413.34 1410.7

EXISTING C/L ELEVATION

FINISHED C/L ELEVATION

** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

CTH Z

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

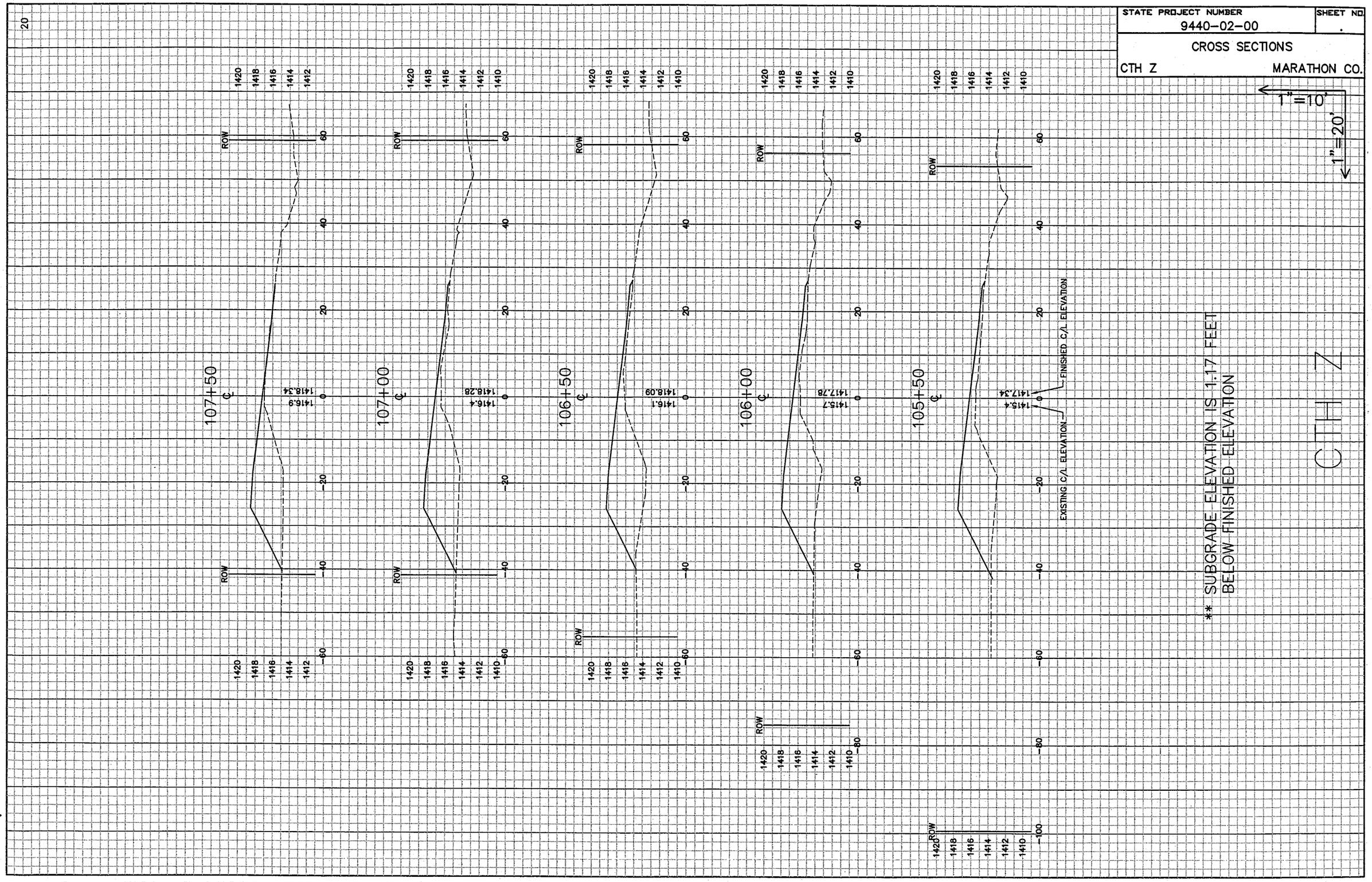
WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

1"=10'
1"=20'



PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

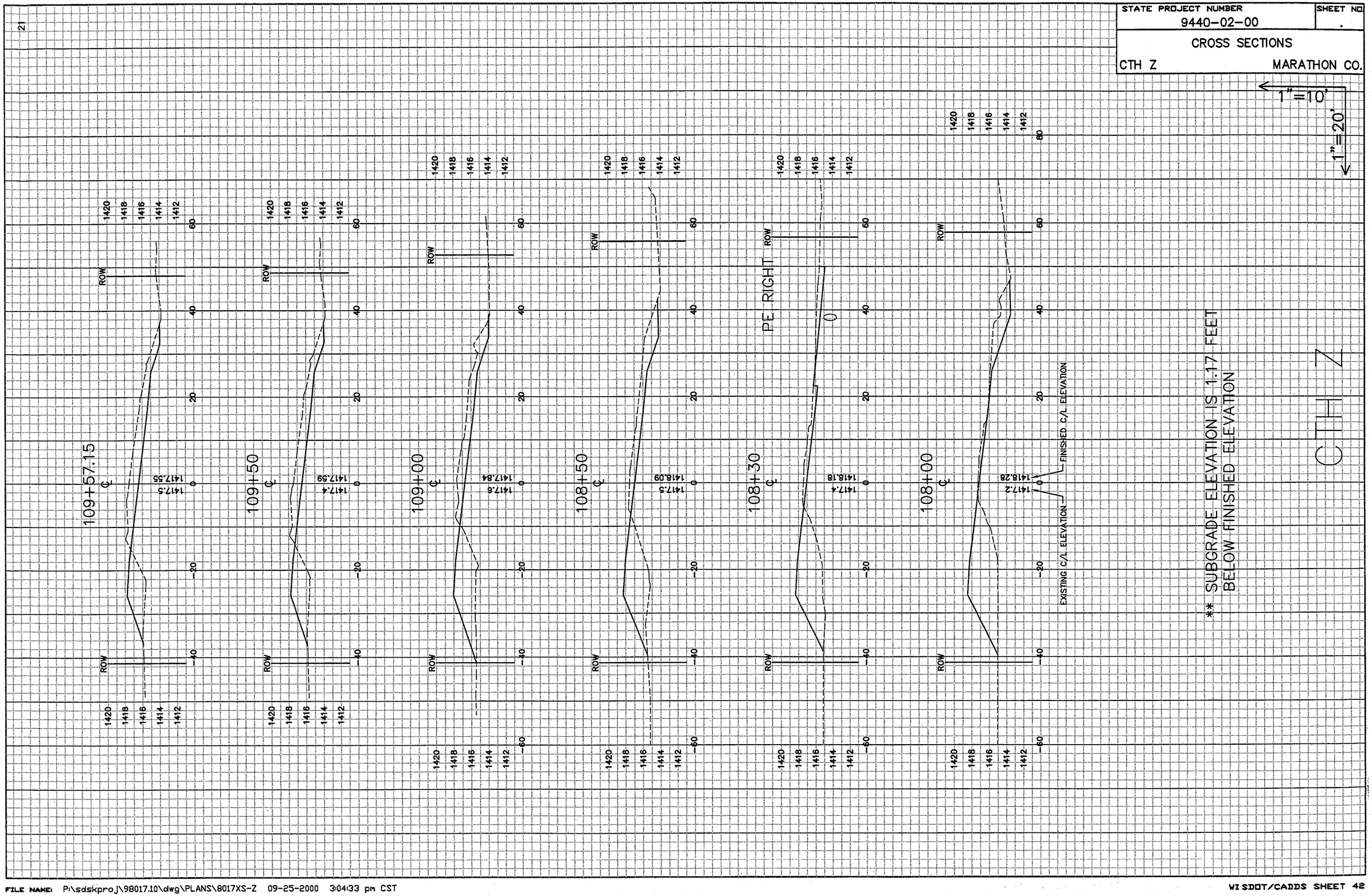
130

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	

CROSS SECTIONS

CTH Z — MARATHON CO.

1"=10'
1"=20'



PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

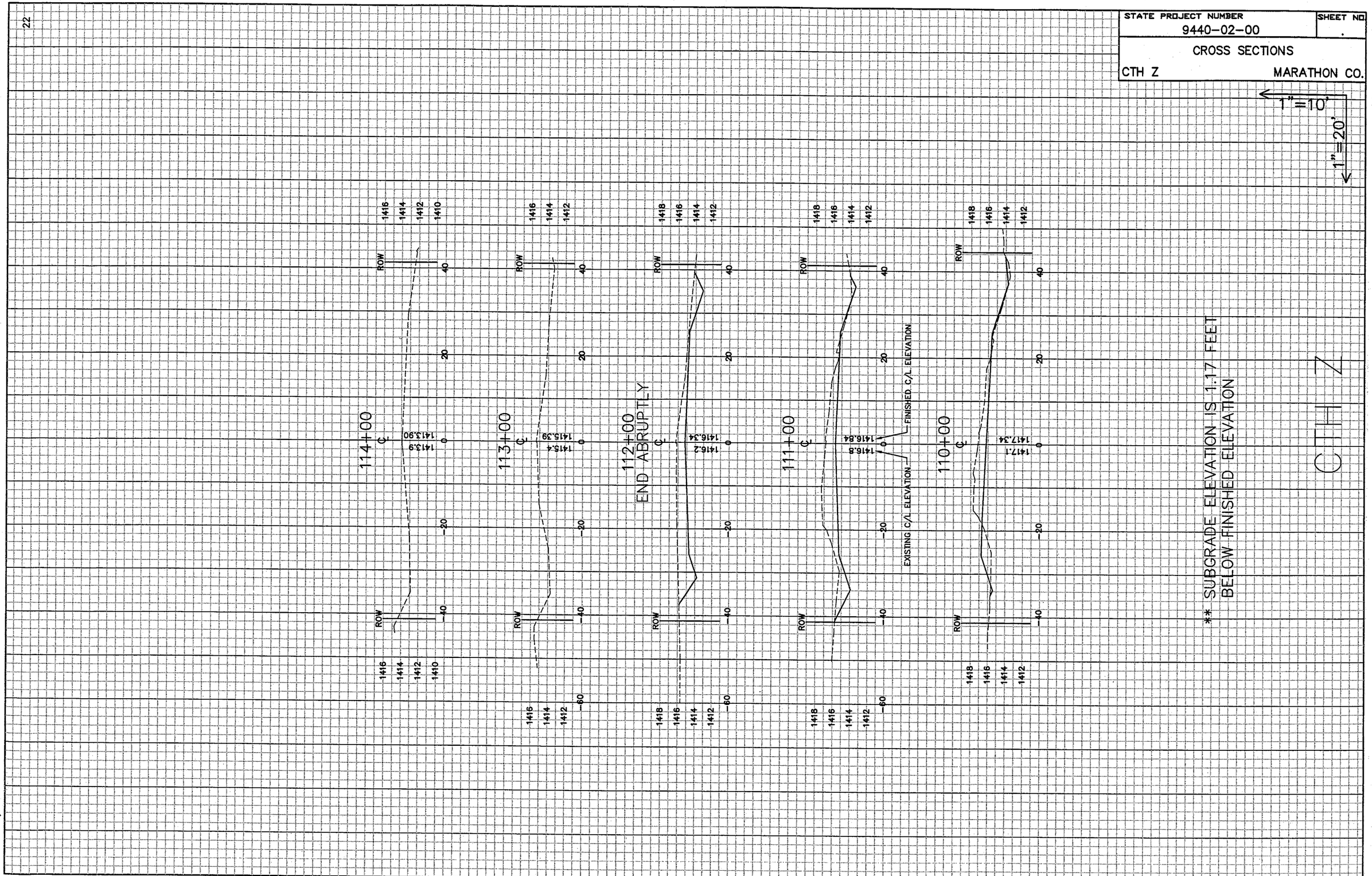
WISDOT/CADDS SHEET 42

13/

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.



ORIGINATOR: 2 REV. DATE: PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS-Z 09-25-2000 3:04:33 pm CST

WISDOT/CADDS SHEET 42

132

NOTE

POSITIVE OFFSET DISTANCES ARE RIGHT OF CENTERLINE
NEGATIVE OFFSET DISTANCES ARE LEFT OF CENTERLINE

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.
CROSS SECTIONS	
CTH Z	MARATHON CO.

BUSINESS PARK DRIVE / 40TH STREET

STATION	OFFSET	ELEVATION	DESCRIPTION
9+22.75	-26.04	1408.49	SLOPE INTERCEPT
	-21.03	1410.16	SUBGRADE
	0	1410.6	SUBGRADE
	18.91	1410.2	SUBGRADE
	23.41	1408.7	DITCH
	24.82	1409.17	SLOPE INTERCEPT
9+43.92	-29.74	1408.96	SLOPE INTERCEPT
	-25.11	1410.5	SUBGRADE
	0	1411.03	SUBGRADE
	21.03	1410.59	SUBGRADE
	25.53	1409.09	DITCH
	27.2	1409.64	SLOPE INTERCEPT
9+50	-46.05	1408.87	SLOPE INTERCEPT
	-39.55	1406.7	DITCH
	-27.97	1410.56	SUBGRADE
	0	1411.15	SUBGRADE
	21.53	1410.7	SUBGRADE
	31.12	1407.5	DITCH
	39.11	1410.16	SLOPE INTERCEPT
10+50	-33.63	1408.71	SLOPE INTERCEPT
	-31.43	1407.98	DITCH
	-21.7	1411.22	SUBGRADE
	0	1411.68	SUBGRADE
	29.03	1411.07	SUBGRADE
	36.49	1408.58	DITCH
	43.05	1410.77	SLOPE INTERCEPT
10+57	-37.27	1408.94	SLOPE INTERCEPT
	-30.56	1408.1	DITCH
	-21.03	1411.27	SUBGRADE
	0	1411.72	SUBGRADE
	25.49	1411.18	SUBGRADE
	30.31	1409.58	SLOPE INTERCEPT
10+79.11	-22.99	1410.18	SLOPE INTERCEPT
	-19.29	1411.42	SUBGRADE
	0	1411.83	SUBGRADE
	21.03	1411.39	SUBGRADE
	25.53	1409.89	DITCH
	27.25	1410.46	SLOPE INTERCEPT
10+97	-21.75	1410.24	SLOPE INTERCEPT
	-17.88	1411.53	SUBGRADE
	0	1411.92	SUBGRADE
	19.58	1411.5	SUBGRADE
	24.08	1410	DITCH
	26.45	1410.8	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
11+00	-21.66	1410.22	SLOPE INTERCEPT
	-17.64	1411.55	SUBGRADE
	0	1411.94	SUBGRADE
	19.34	1411.52	SUBGRADE
	23.84	1410.02	DITCH
	26.1	1410.78	SLOPE INTERCEPT
11+19.11	-21.3	1410.27	SLOPE INTERCEPT
	-17.08	1411.68	SUBGRADE
	0	1412.04	SUBGRADE
	17.78	1411.65	SUBGRADE
	22.28	1410.15	DITCH
	24.39	1410.85	SLOPE INTERCEPT
11+50	-21.43	1410.38	SLOPE INTERCEPT
	-17.05	1411.84	SUBGRADE
	0	1412.2	SUBGRADE
	17.01	1411.84	SUBGRADE
	21.51	1410.34	DITCH
	23.47	1410.99	SLOPE INTERCEPT
11+66.04	-21.28	1410.51	SLOPE INTERCEPT
	-17.03	1411.92	SUBGRADE
	0	1412.28	SUBGRADE
	17.03	1411.92	SUBGRADE
	21.53	1410.42	DITCH
	23.48	1411.07	SLOPE INTERCEPT
12+00	-22.6	1410.95	SLOPE INTERCEPT
	-21.53	1410.6	DITCH
	-17.03	1412.1	SUBGRADE
	0	1412.46	SUBGRADE
	17.03	1412.1	SUBGRADE
	21.53	1410.6	DITCH
	23.86	1411.37	SLOPE INTERCEPT
12+50	-23.76	1411.6	SLOPE INTERCEPT
	-21.53	1410.86	DITCH
	-17.03	1412.36	SUBGRADE
	0	1412.72	SUBGRADE
	17.03	1412.36	SUBGRADE
	21.53	1410.86	DITCH
	24.31	1411.79	SLOPE INTERCEPT
12+91.66	-24.13	1411.89	SLOPE INTERCEPT
	-21.53	1411.02	DITCH
	-17.03	1412.52	SUBGRADE
	0	1412.88	SUBGRADE
	17.03	1412.52	SUBGRADE
	21.53	1411.02	DITCH
	24.3	1411.95	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
13+00	-24.22	1411.94	SLOPE INTERCEPT
	-21.53	1411.04	DITCH
	-17.03	1412.54	SUBGRADE
	0	1412.9	SUBGRADE
	17.03	1412.54	SUBGRADE
	21.53	1411.04	DITCH
	24.3	1411.96	SLOPE INTERCEPT
13+50	-25.22	1412.3	SLOPE INTERCEPT
	-21.53	1411.07	DITCH
	-17.03	1412.57	SUBGRADE
	0	1412.93	SUBGRADE
	17.03	1412.57	SUBGRADE
	21.53	1411.07	DITCH
	24.52	1412.07	SLOPE INTERCEPT
14+00	-25.1	1412.14	SLOPE INTERCEPT
	-21.53	1410.95	DITCH
	-17.03	1412.45	SUBGRADE
	0	1412.81	SUBGRADE
	17.03	1412.45	SUBGRADE
	21.53	1410.95	DITCH
	25.31	1412.21	SLOPE INTERCEPT
14+50	-25.73	1412.07	SLOPE INTERCEPT
	-21.53	1410.67	DITCH
	-17.03	1412.17	SUBGRADE
	0	1412.53	SUBGRADE
	17.03	1412.17	SUBGRADE
	21.53	1410.67	DITCH
	26.11	1412.2	SLOPE INTERCEPT
15+00	-26.23	1411.81	SLOPE INTERCEPT
	-21.53	1410.24	DITCH
	-17.03	1411.74	SUBGRADE
	0	1412.1	SUBGRADE
	17.03	1411.74	SUBGRADE
	21.53	1410.24	DITCH
	27.42	1412.2	SLOPE INTERCEPT
15+50	-26.87	1411.44	SLOPE INTERCEPT
	-21.53	1409.66	DITCH
	-17.03	1411.16	SUBGRADE
	0	1411.52	SUBGRADE
	17.03	1411.16	SUBGRADE
	21.53	1409.66	DITCH
	28.66	1412.03	SLOPE INTERCEPT

PLOT NAME: B017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

133

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\B017XSEC 09-25-2000 2:55:16 pm CST

WISDOT/CADDS SHEET 42

NOTE

POSITIVE OFFSET DISTANCES ARE RIGHT OF CENTERLINE
NEGATIVE OFFSET DISTANCES ARE LEFT OF CENTERLINE

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

BUSINESS PARK DRIVE / 40TH STREET

STATION	OFFSET	ELEVATION	DESCRIPTION
16+00	-27.89	1411.12	SLOPE INTERCEPT
	-21.53	1409	DITCH
	-17.03	1410.5	SUBGRADE
	0	1410.86	SUBGRADE
	17.03	1410.5	SUBGRADE
	21.53	1409	DITCH
	44.02	1409.9	SLOPE INTERCEPT
16+28.30	-41.05	1411.06	SLOPE INTERCEPT
	-21.53	1408.62	DITCH
	-17.03	1410.12	SUBGRADE
	0	1410.49	SUBGRADE
	17.03	1410.12	SUBGRADE
	21.53	1408.62	DITCH
	27.2	1409.57	SLOPE INTERCEPT
16+50	-30.21	1411.23	SLOPE INTERCEPT
	-21.53	1408.34	DITCH
	-17.03	1409.84	SUBGRADE
	0	1410.2	SUBGRADE
	17.03	1409.84	SUBGRADE
	21.53	1408.34	DITCH
	29.49	1410.99	SLOPE INTERCEPT
17+00	-28.86	1410.12	SLOPE INTERCEPT
	-21.53	1407.68	DITCH
	-17.03	1409.18	SUBGRADE
	0	1409.54	SUBGRADE
	17.03	1409.18	SUBGRADE
	21.53	1407.68	DITCH
	55	1410.07	SLOPE INTERCEPT
17+50	-24.66	1407.64	SLOPE INTERCEPT
	-21.53	1407.02	DITCH
	-17.03	1408.52	SUBGRADE
	0	1408.88	SUBGRADE
	17.03	1408.52	SUBGRADE
	21.53	1407.02	DITCH
	41.08	1409.19	SLOPE INTERCEPT
18+00	-29.43	1407.02	SLOPE INTERCEPT
	-21.53	1406.36	DITCH
	-17.03	1407.86	SUBGRADE
	0	1408.22	SUBGRADE
	17.03	1407.86	SUBGRADE
	21.53	1406.36	DITCH
	33.17	1408.3	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
18+17.48	-30.28	1407.1	SLOPE INTERCEPT
	-21.55	1406.13	DITCH
	-17.05	1407.63	SUBGRADE
	0	1407.99	SUBGRADE
	17.04	1407.63	SUBGRADE
	21.54	1406.13	DITCH
	32.07	1407.88	SLOPE INTERCEPT
18+50	-28.02	1406.42	SLOPE INTERCEPT
	-21.53	1405.7	DITCH
	-17.03	1407.2	SUBGRADE
	0	1407.56	SUBGRADE
	17.03	1407.2	SUBGRADE
	21.53	1405.7	DITCH
	37.63	1407.31	SLOPE INTERCEPT
18+80.54	-28.65	1405.77	SLOPE INTERCEPT
	-21.53	1405.3	DITCH
	-17.03	1406.8	SUBGRADE
	0	1407.16	SUBGRADE
	17.03	1406.8	SUBGRADE
	21.53	1405.3	DITCH
	30.43	1407.52	SLOPE INTERCEPT
19+00	-27.85	1405.43	SLOPE INTERCEPT
	-21.53	1405.04	DITCH
	-17.03	1406.54	SUBGRADE
	0	1406.9	SUBGRADE
	17.03	1406.54	SUBGRADE
	21.53	1405.04	DITCH
	35.85	1406.63	SLOPE INTERCEPT
19+42.72	-30.85	1407.58	SLOPE INTERCEPT
	-21.53	1404.47	DITCH
	-17.03	1405.97	SUBGRADE
	0	1406.34	SUBGRADE
	17.03	1405.97	SUBGRADE
	21.53	1404.47	DITCH
	31.45	1407.78	SLOPE INTERCEPT
19+50	-31.47	1407.69	SLOPE INTERCEPT
	-21.54	1404.38	DITCH
	-17.04	1405.88	SUBGRADE
	0	1406.24	SUBGRADE
	17.02	1405.88	SUBGRADE
	21.52	1404.38	DITCH
	29.55	1407.05	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
19+60	-29.29	1407.56	SLOPE INTERCEPT
	-19.53	1404.31	DITCH
	-15.03	1405.81	SUBGRADE
	0	1406.11	SUBGRADE
	15.03	1405.81	SUBGRADE
	19.53	1404.31	DITCH
	24.38	1405.92	SLOPE INTERCEPT
20+00	-24.83	1406.12	SLOPE INTERCEPT
	-18.84	1404.12	DITCH
	-12	1405.9	SUBGRADE
	0	1406.14	SUBGRADE
	12	1405.9	SUBGRADE
	18.93	1404.09	DITCH
	19.78	1404.37	SLOPE INTERCEPT
20+50	-22.55	1405.33	SLOPE INTERCEPT
	-18.2	1403.88	DITCH
	-12	1405.44	SUBGRADE
	0	1405.68	SUBGRADE
	12	1405.44	SUBGRADE
	18.41	1403.81	DITCH
	19.76	1404.25	SLOPE INTERCEPT
21+00	-22.16	1405.04	SLOPE INTERCEPT
	-17.97	1403.64	DITCH
	-12	1405.13	SUBGRADE
	0	1405.37	SUBGRADE
	12	1405.13	SUBGRADE
	18.3	1403.53	DITCH
	19.95	1404.07	SLOPE INTERCEPT
21+50	-23.53	1405.19	SLOPE INTERCEPT
	-18.15	1403.4	DITCH
	-12	1404.95	SUBGRADE
	0	1405.19	SUBGRADE
	12	1404.95	SUBGRADE
	18.61	1403.25	DITCH
	20.34	1403.82	SLOPE INTERCEPT
21+69.64	-24.02	1405.2	SLOPE INTERCEPT
	-18.34	1403.3	DITCH
	-12	1404.92	SUBGRADE
	0	1405.16	SUBGRADE
	12	1404.92	SUBGRADE
	18.84	1403.14	DITCH
	20.74	1403.77	SLOPE INTERCEPT
22+00	-24.93	1405.22	SLOPE INTERCEPT
	-18.75	1403.16	DITCH
	-12	1404.91	SUBGRADE
	0	1405.15	SUBGRADE
	12	1404.91	SUBGRADE
	19.32	1402.97	DITCH
	21.89	1403.82	SLOPE INTERCEPT

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

FILE NAME: P:\sdskproj\9B017.10\dwg\PLANS\8017XSEC 09-25-2000 2:55:16 pm CST

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

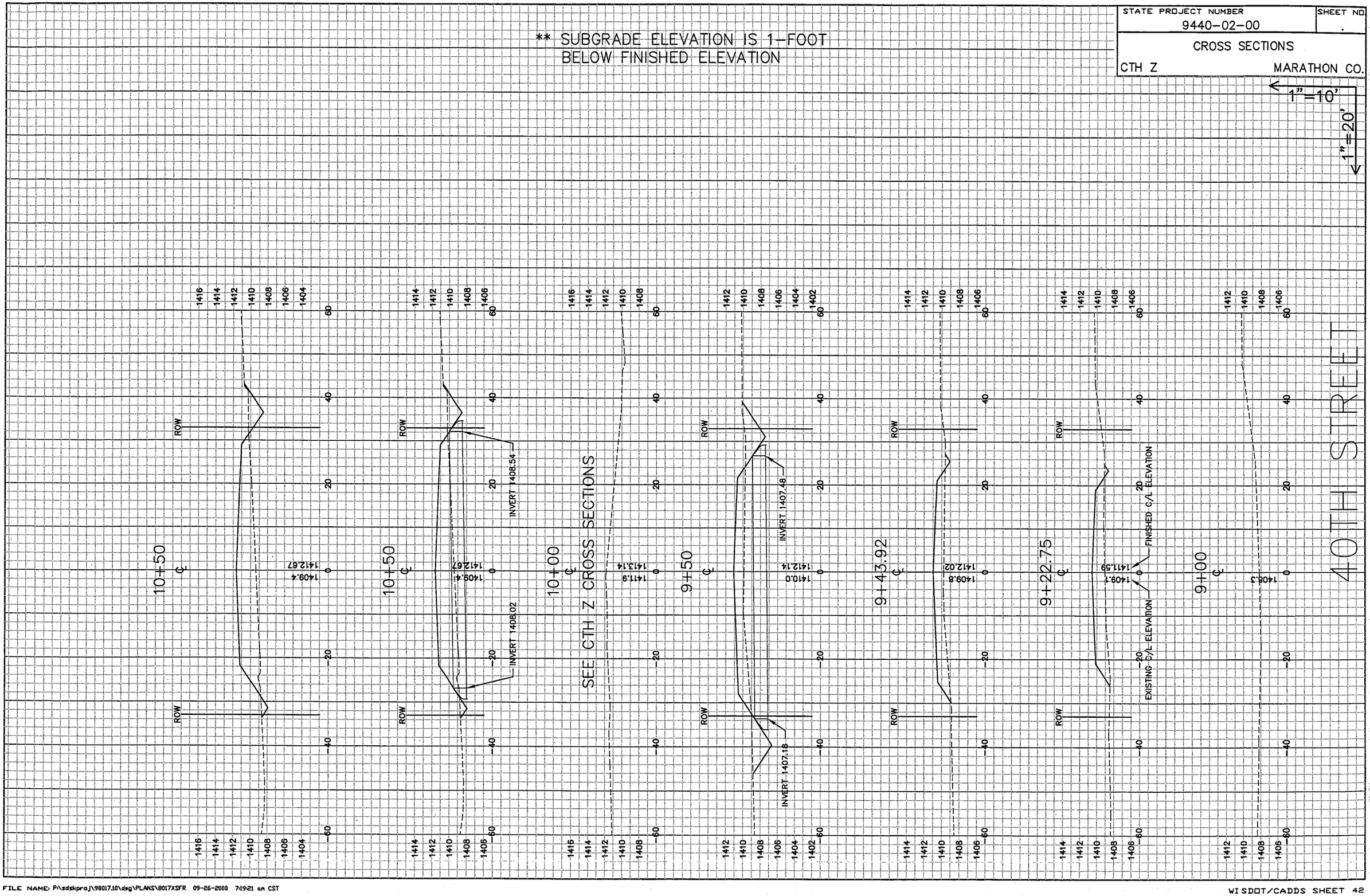
CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION

1"=10'

1"=20'



PLOT NAME: shts1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

135

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSFR 09-26-2000 7:19:21 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

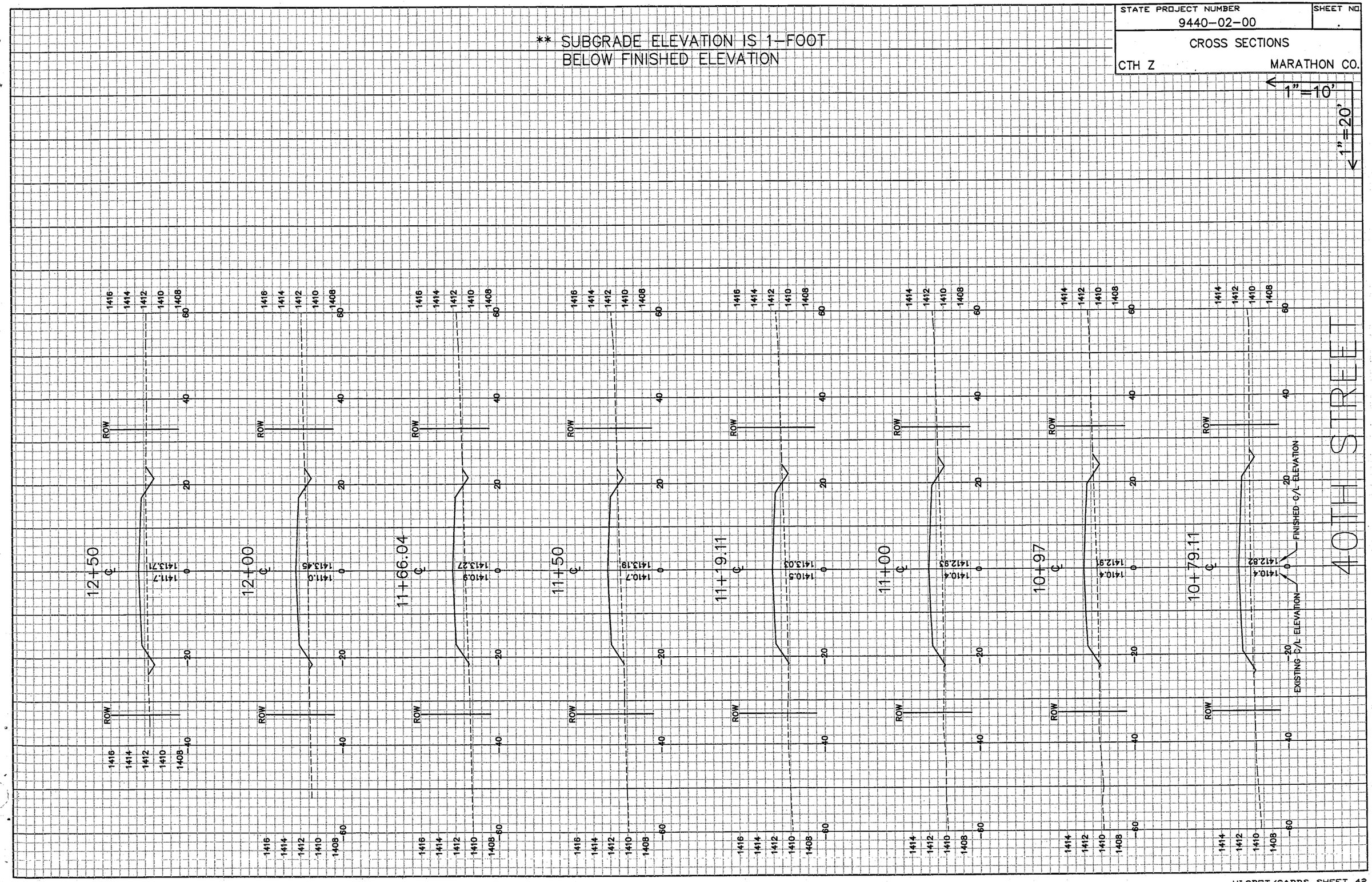
CROSS SECTIONS

CTH Z MARATHON CO.

1"=10'

1"=20'

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION



PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSFR 09-26-2000 7:19:21 am CST

WISDOT/CADDS SHEET 42

136

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.
CROSS SECTIONS	
CTH Z	MARATHON CO.

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION

1"=10'
1"=20'

16+00 ℄ 1411.85 1412.0
15+50 ℄ 1412.51 1411.9
15+00 ℄ 1413.09 1412.1
14+50 ℄ 1413.52 1412.0
14+00 ℄ 1413.80 1412.2
13+50 ℄ 1413.92 1412.3
13+00 ℄ 1413.89 1412.3
12+91.66 ℄ 1413.87 1412.1

FINISHED C/L ELEVATION
EXISTING C/L ELEVATION

40TH ST

PLOT NAME: sht1.dwg PLOT SCALE: 1:1
REV. DATE:
ORIGINATOR: BHA

137

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSFR 09-26-2000 7:19:21 am CST

WISDOT/CADDS SHEET 42

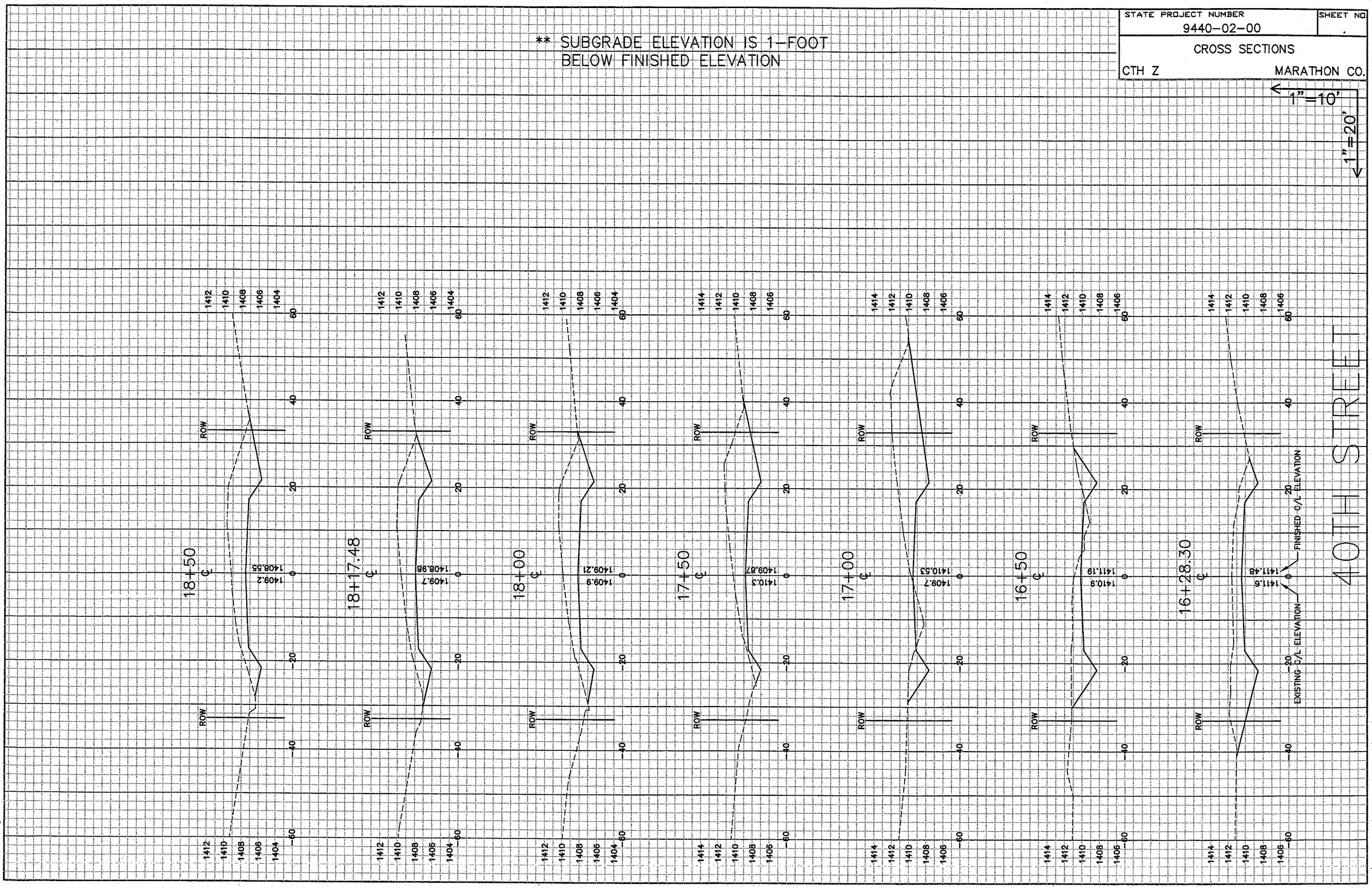
STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION

1"=10'
1"=20'



PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

138

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSFR 09-26-2000 7:19:21 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

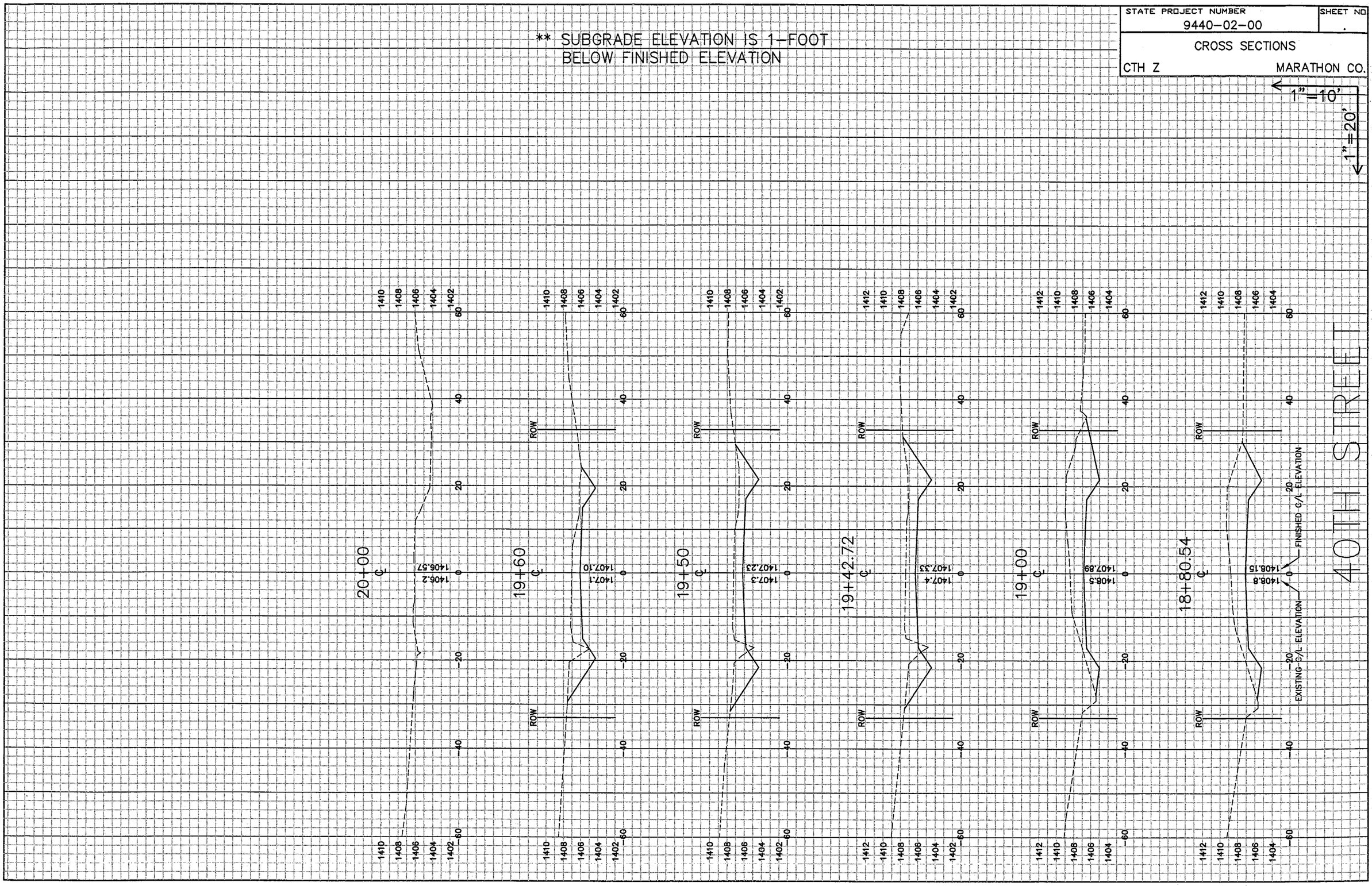
CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION

1"=10'

1"=20'



PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSFR 09-26-2000 7:19:21 am CST

WISDOT/CADDS SHEET 42

NOTE

POSITIVE OFFSET DISTANCES ARE RIGHT OF CENTERLINE
NEGATIVE OFFSET DISTANCES ARE LEFT OF CENTERLINE

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.
CROSS SECTIONS	
CTH Z	MARATHON CO.

CTH X

STATION	OFFSET	ELEVATION	DESCRIPTION
8+00	-43.56	1406.7	SLOPE INTERCEPT
	-33.1	1404.09	DITCH
	-25.12	1405.42	SUBGRADE
	0	1405.92	SUBGRADE
	25.12	1405.42	SUBGRADE
	28.49	1405.35	SLOPE INTERCEPT
8+23.94	-44.06	1406.71	SLOPE INTERCEPT
	-33.1	1403.97	DITCH
	-25.12	1405.3	SUBGRADE
	0	1405.81	SUBGRADE
	25.12	1405.31	SUBGRADE
	28.27	1405.23	SLOPE INTERCEPT
8+73.18	-49.94	1406.81	SLOPE INTERCEPT
	-37.52	1403.71	DITCH
	-29.54	1405.04	SUBGRADE
	0	1405.57	SUBGRADE
	25.12	1405.07	SUBGRADE
	27.14	1404.97	SLOPE INTERCEPT
9+00	-53.11	1406.39	SLOPE INTERCEPT
	-41.54	1403.5	DITCH
	-33.56	1404.83	SUBGRADE
	0	1405.44	SUBGRADE
	25.12	1404.99	SUBGRADE
	30.07	1404.17	SLOPE INTERCEPT
9+03.18	-53.79	1406.42	SLOPE INTERCEPT
	-42.02	1403.47	DITCH
	-34.04	1404.8	SUBGRADE
	0	1405.43	SUBGRADE
	25.12	1404.98	SUBGRADE
	30.15	1404.15	SLOPE INTERCEPT
9+13.20	-57.16	1406.52	SLOPE INTERCEPT
	-44.2	1403.28	DITCH
	-36.22	1404.61	SUBGRADE
	0	1405.38	SUBGRADE
	20	1405.08	SUBGRADE
	35.37	1404.06	SLOPE INTERCEPT
9+23.95	-31.82	1405.91	SLOPE INTERCEPT
	-29	-1.64	SUBGRADE
	0	1405.33	SUBGRADE
	21.17	1405	SUBGRADE
	33.3	1404.12	SLOPE INTERCEPT
9+48.76	-36.19	1406.09	SLOPE INTERCEPT
	-35.6	-1.78	SUBGRADE
	0	1405.21	SUBGRADE
	34.87	1404.61	SUBGRADE
	59.12	1399.22	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
10+51.26	-39.32	1404.8	SLOPE INTERCEPT
	-34.87	-1.76	SUBGRADE
	0	1404.6	SUBGRADE
	35.6	1403.98	SUBGRADE
	66.37	1397.83	SLOPE INTERCEPT
10+76.05	-32.22	1403.75	SLOPE INTERCEPT
	-21.18	-1.49	SUBGRADE
	0	1404.38	SUBGRADE
	29	1403.9	SUBGRADE
	38.71	1403.01	SLOPE INTERCEPT
10+86.80	-31.15	1403.66	SLOPE INTERCEPT
	-20	-1.46	SUBGRADE
	0	1404.28	SUBGRADE
	36.23	1403.52	SUBGRADE
	40.23	1402.85	SLOPE INTERCEPT
10+96.84	-43.89	1405.12	SLOPE INTERCEPT
	-33.1	1402.42	DITCH
	-25.12	1403.75	SUBGRADE
	0	1404.19	SUBGRADE
	34.04	1403.57	SUBGRADE
	39.78	1402.62	SLOPE INTERCEPT
11+00	-43.84	1405.07	SLOPE INTERCEPT
	-33.1	1402.39	DITCH
	-25.12	1403.72	SUBGRADE
	0	1404.17	SUBGRADE
	33.57	1403.55	SUBGRADE
	39.59	1402.55	SLOPE INTERCEPT
11+26.84	-43.42	1404.68	SLOPE INTERCEPT
	-33.1	1402.1	DITCH
	-25.12	1403.43	SUBGRADE
	0	1403.93	SUBGRADE
	29.54	1403.4	SUBGRADE
	34.14	1402.63	SLOPE INTERCEPT
11+76.08	-40.71	1403.57	SLOPE INTERCEPT
	-33.1	1401.67	DITCH
	-25.12	1403	SUBGRADE
	0	1403.5	SUBGRADE
	25.12	1403	SUBGRADE
	33.1	1401.67	DITCH
	37.68	1402.81	SLOPE INTERCEPT
12+00	-41.26	1403.49	SLOPE INTERCEPT
	-33.1	1401.45	DITCH
	-25.12	1402.78	SUBGRADE
	0	1403.29	SUBGRADE
	25.12	1402.79	SUBGRADE
	33.1	1401.46	DITCH
	38.52	1402.81	SLOPE INTERCEPT

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1 REV. DATE: ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSEC 09-25-2000 2:55:16 pm CST

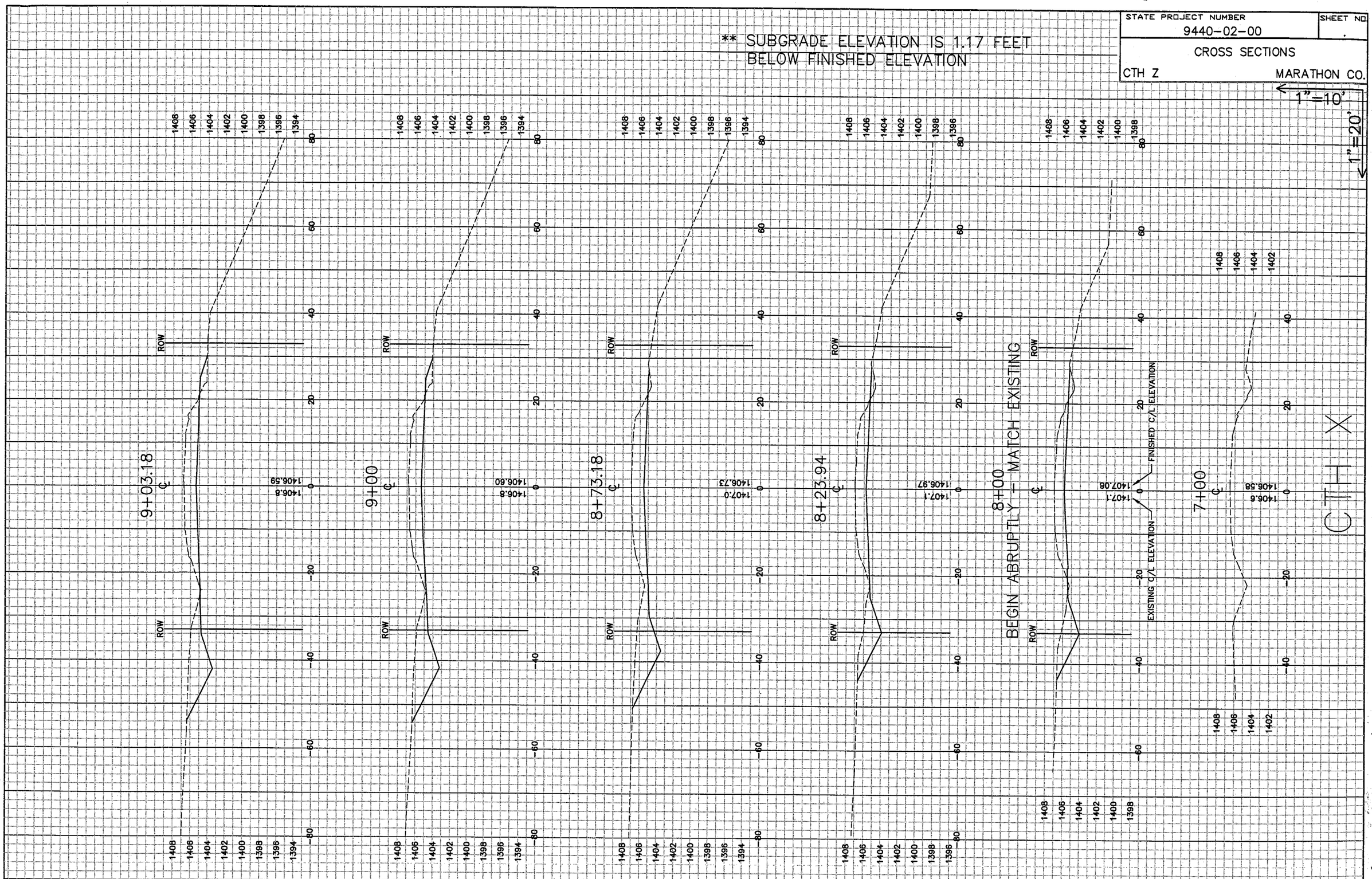
WISDOT/CADDS SHEET 42

140

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.



PLOT SCALE: 1:1

PLOT NAME: sht1.dwg

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS41 09-26-2000 7:36:56 am CST

WISDOT/CADDS SHEET 42

141

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

1"=10'

1"=20'

10+40.95 ℄ — 1405.9 — 1405.85

9+59.07 ℄ — 1406.6 — 1406.32

9+48.76 ℄ — 1406.5 — 1406.37

9+23.95 ℄ — 1406.7 — 1406.49

9+13.20 ℄ — 1406.8 — 1406.54

SEE CTH Z CROSS SECTIONS

ROW

INVERT 1401.94

INVERT 1401.18

EXISTING C/L ELEVATION

FINISHED C/L ELEVATION

CTH Z

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

142

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS41 09-26-2000 7:36:56 am CST

WISDOT/CADDS SHEET 42

** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

1"=10'
1"=20'

11+26.84 ℄
1405.10
1405.2

11+00 ℄
1405.33
1405.5

10+96.84 ℄
1405.36
1405.5

10+86.80 ℄
1405.45
1405.6
INVERT 1400.37
INVERT 1401.13

10+76.05 ℄
1405.54
1405.7

10+51.26 ℄
1405.76
1405.9
FINISHED C/L ELEVATION
EXISTING C/L ELEVATION

CTH Z

ROW

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

143

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS41 09-26-2000 7:36:56 am CST

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

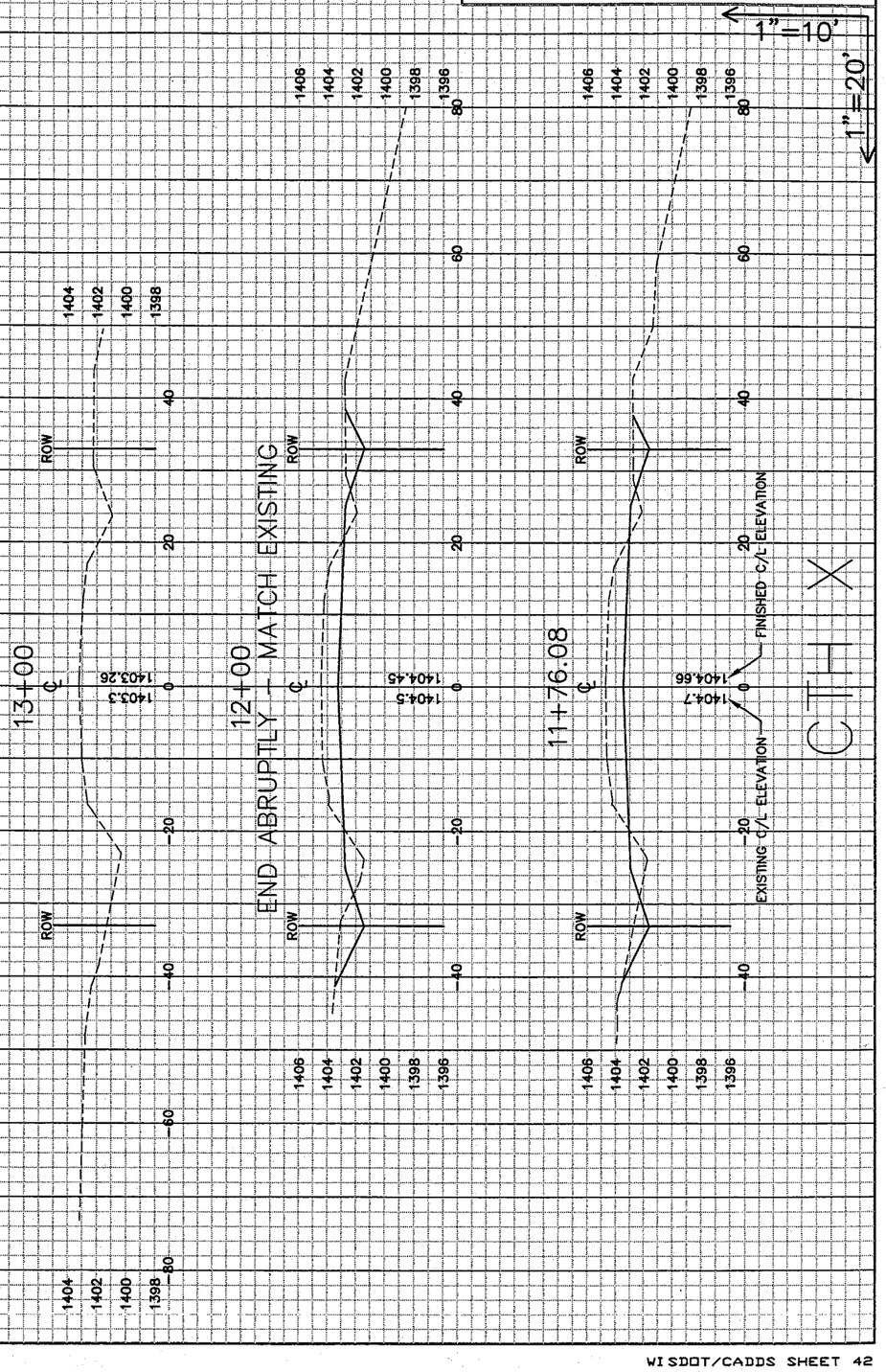
CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1.17 FEET BELOW FINISHED ELEVATION

1"=10'

1"=20'



PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

144

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS41 09-26-2000 7:36:56 am CST

WISDOT/CADDS SHEET 42

NOTE

POSITIVE OFFSET DISTANCES ARE RIGHT OF CENTERLINE
NEGATIVE OFFSET DISTANCES ARE LEFT OF CENTERLINE

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.
CROSS SECTIONS	
CTH Z	MARATHON CO.

HAMILTON STREET / 49TH STREET

STATION	OFFSET	ELEVATION	DESCRIPTION
10+28.80	-31.95	1393.69	SUBGRADE
	-38.9	1394.01	SLOPE INTERCEPT
	-34.95	1392.69	DITCH
	0	1394.33	SUBGRADE
	43.78	1393.46	SUBGRADE
	46.78	1392.46	DITCH
	49.42	1393.34	SLOPE INTERCEPT
10+50	-27.16	1393.86	SLOPE INTERCEPT
	-23.7	1392.71	DITCH
	-20.7	1393.71	SUBGRADE
	0	1394.12	SUBGRADE
	26.25	1393.59	SUBGRADE
	29.25	1392.59	DITCH
	31.83	1393.45	SLOPE INTERCEPT
11+00	-24.4	1393.69	SLOPE INTERCEPT
	-20.15	1392.28	DITCH
	-17.15	1393.28	SUBGRADE
	0	1393.62	SUBGRADE
	17.69	1393.27	SUBGRADE
	20.69	1392.27	DITCH
	22.89	1393	SLOPE INTERCEPT
12+00	-20.77	1391.51	SLOPE INTERCEPT
	-19.03	1390.93	DITCH
	-16.03	1391.93	SUBGRADE
	0	1392.25	SUBGRADE
	16.03	1391.93	SUBGRADE
	19.03	1390.93	DITCH
	20.82	1391.52	SLOPE INTERCEPT
13+00	-20.15	1388.45	SLOPE INTERCEPT
	-16.03	1389.82	SUBGRADE
	0	1390.14	SUBGRADE
	16.03	1389.82	SUBGRADE
	20.14	1388.45	SLOPE INTERCEPT

STATION	OFFSET	ELEVATION	DESCRIPTION
14+00	-19.62	1386.14	SLOPE INTERCEPT
	-16.03	1387.34	SUBGRADE
	0	1387.66	SUBGRADE
	16.03	1387.34	SUBGRADE
	19.03	1386.34	DITCH
	22.27	1385.26	SLOPE INTERCEPT
14+40.24	-15.88	1385.81	SLOPE INTERCEPT
	-14.19	1386.37	SUBGRADE
	0	1386.65	SUBGRADE
	14.19	1386.37	SUBGRADE
	19.69	1384.54	SLOPE INTERCEPT
14+50	-15.66	1385.88	SLOPE INTERCEPT
	-14.94	1385.64	DITCH
	-13.44	1386.14	SUBGRADE
	0	1386.41	SUBGRADE
	15.85	1386.09	SUBGRADE
	20.85	1384.42	SLOPE INTERCEPT
14+75	-15.96	1386.44	SLOPE INTERCEPT
	-12.51	1385.29	DITCH
	-11.01	1385.79	SUBGRADE
	0	1386.01	SUBGRADE
	13.88	1385.73	SUBGRADE
	16.74	1385.32	SLOPE INTERCEPT
14+89.38	-15.64	1386.58	SLOPE INTERCEPT
	-11.71	1385.27	DITCH
	-10.21	1385.77	SUBGRADE
	0	1385.97	SUBGRADE
	10.19	1385.77	SUBGRADE
	11.34	1385.39	SLOPE INTERCEPT
15+00	-15.19	1386.5	SLOPE INTERCEPT
	-11.69	1385.34	DITCH
	-10.19	1385.84	SUBGRADE
	0	1386.04	SUBGRADE
	10.19	1385.84	SUBGRADE
	11.25	1385.48	SLOPE INTERCEPT

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1
REV. DATE:
ORIGINATOR: BHA

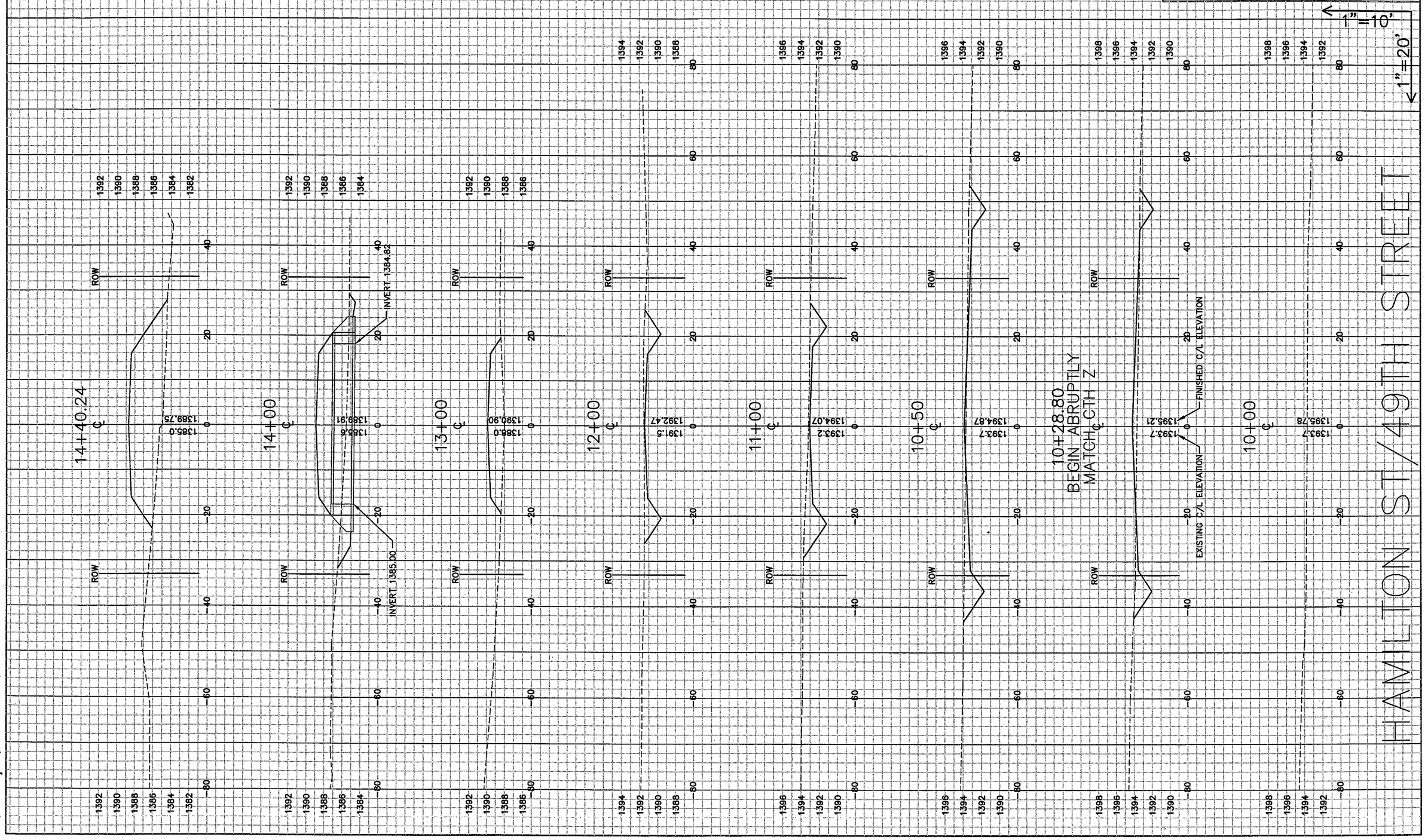
145

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION



PLOT SCALE: 1:1

PLOT NAME: sht1.dwg

REV. DATE:

ORIGINATOR:

146

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS49 09-26-2000 7:48:15 am CST

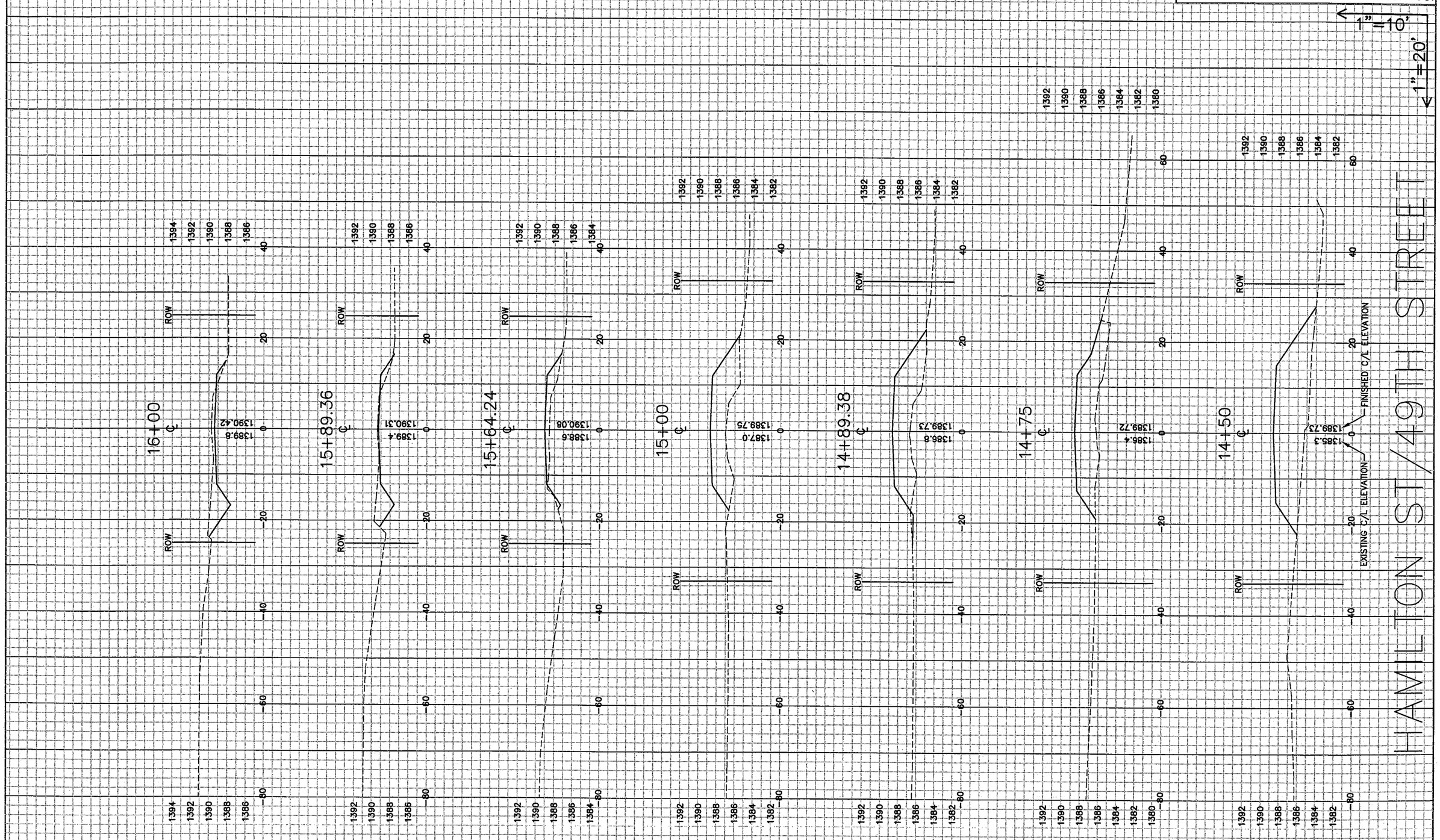
WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION



PLOT SCALE: 1:1

PLOT NAME: sht1.dwg

REV. DATE:

ORIGINATOR: KSL

147

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS49 09-26-2000 7:48:15 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION

1" = 10'

1" = 20'

HAMILTON ST / 49 TH STREET

END ABRUPTLY

25+20 ℄

25+10 ℄

25+00 ℄

24+90 ℄

24+80 ℄

24+70 ℄

BEGIN ABRUPTLY MATCH ℄ EXISTING

24+60

16+50

END ABRUPTLY MATCH ℄ EXISTING

ROW

EXISTING C/L ELEVATION

FINISHED C/L ELEVATION

1412.14 1411.8 1411.6 1411.5 1411.3 1411.1 1410.9 1391.0 1391.03

PLOT NAME: shtl.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

148

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS49 09-26-2000 7:48:15 am CST

NOTE

POSITIVE OFFSET DISTANCES ARE RIGHT OF CENTERLINE
NEGATIVE OFFSET DISTANCES ARE LEFT OF CENTERLINE

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.
CROSS SECTIONS	
CTH Z	MARATHON CO.

BURGER LANE

STATION	OFFSET	ELEVATION	DESCRIPTION
7+70	-23.83	1405.83	SLOPE INTERCEPT
	-19.68	1406.25	SUBGRADE
	0	1405.33	SUBGRADE
	20.47	1404.26	SUBGRADE
	24.07	1403.06	DITCH
	33.89	1403.16	SLOPE INTERCEPT
7+80	-39.54	1404.07	SLOPE INTERCEPT
	-30.97	1406.93	SUBGRADE
	0	1405.35	SUBGRADE
	31.32	1403.64	SUBGRADE
	34.32	1402.64	DITCH
	36.77	1403.46	SLOPE INTERCEPT
7+90	-44.38	1404.46	SLOPE INTERCEPT
	-36.01	1407.25	SUBGRADE
	0	1405.37	SUBGRADE
	36.09	1403.42	SUBGRADE
	39.09	1402.42	DITCH
	43.03	1403.73	SLOPE INTERCEPT
8+00	-45.92	1404.58	SLOPE INTERCEPT
	-37.53	1407.37	SUBGRADE
	0	1405.39	SUBGRADE
	37.53	1403.37	SUBGRADE
	40.53	1402.37	DITCH
	44.81	1403.79	SLOPE INTERCEPT
8+10	-44.22	1404.58	SLOPE INTERCEPT
	-36.01	1407.32	SUBGRADE
	0	1405.41	SUBGRADE
	36.09	1403.5	SUBGRADE
	39.09	1402.5	DITCH
	43.13	1403.84	SLOPE INTERCEPT
8+20	-39.47	1404.22	SLOPE INTERCEPT
	-30.97	1407.06	SUBGRADE
	0	1405.43	SUBGRADE
	31.33	1403.77	SUBGRADE
	34.33	1402.77	DITCH
	37.11	1403.69	SLOPE INTERCEPT
8+30	-32.75	1403.47	SLOPE INTERCEPT
	-23.31	1406.62	SUBGRADE
	0	1405.44	SUBGRADE
	26.97	1403.97	SUBGRADE
	29.97	1402.97	DITCH
	31.86	1403.6	SLOPE INTERCEPT
8+40	-22.49	1405.64	SLOPE INTERCEPT
	-20.12	1406.43	SUBGRADE
	0	1405.46	SUBGRADE
	26.08	1403.97	SUBGRADE
	29.08	1402.97	DITCH
	31.41	1403.75	SLOPE INTERCEPT
8+50	-21.5	1405.85	SLOPE INTERCEPT
	-19.81	1406.41	SUBGRADE
	0	1405.48	SUBGRADE
	26.85	1403.97	SUBGRADE
	29.85	1402.97	DITCH
	32.03	1403.7	SLOPE INTERCEPT
26+50	-30.07	1405.71	SLOPE INTERCEPT
	-26.73	1404.6	DITCH
	-21.28	1406.42	SUBGRADE
	0	1406.95	SUBGRADE
	22.37	1406.38	SUBGRADE
	22.44	1406.4	SLOPE INTERCEPT
26+53.07	-30.02	1405.74	SLOPE INTERCEPT
	-26.65	1404.61	DITCH
	-21.14	1406.45	SUBGRADE
	0	1406.97	SUBGRADE
	22.38	1406.4	SUBGRADE
	24.47	1405.7	SLOPE INTERCEPT
27+00	-35.13	1406.2	SLOPE INTERCEPT
	-25.35	1404.8	DITCH
	-19.02	1406.91	SUBGRADE
	0	1407.35	SUBGRADE
	19.02	1406.91	SUBGRADE
	27.91	1403.94	SLOPE INTERCEPT
27+50	-33.45	1407.96	SLOPE INTERCEPT
	-24.58	1405	DITCH
	-17.46	1407.37	SUBGRADE
	0	1407.75	SUBGRADE
	17.03	1407.39	SUBGRADE
	22.12	1405.69	SLOPE INTERCEPT
28+00	-35.41	1408.85	SLOPE INTERCEPT
	-24.45	1405.2	DITCH
	-16.64	1407.81	SUBGRADE
	0	1408.15	SUBGRADE
	17.03	1407.79	SUBGRADE
	25.05	1405.12	SLOPE INTERCEPT
28+50	-31.31	1407.5	SLOPE INTERCEPT
	-25	1405.4	DITCH
	-16.57	1408.21	SUBGRADE
	0	1408.55	SUBGRADE
	17.03	1408.19	SUBGRADE
	24.22	1405.79	SLOPE INTERCEPT
29+00	-31.61	1407.25	SLOPE INTERCEPT
	-26.65	1405.6	DITCH
	-17.73	1408.58	SUBGRADE
	0	1408.95	SUBGRADE
	17.03	1408.59	SUBGRADE
	23.99	1406.27	SLOPE INTERCEPT
29+03.33	-31.97	1407.28	SLOPE INTERCEPT
	-26.96	1405.61	DITCH
	-18.01	1408.6	SUBGRADE
	0	1408.98	SUBGRADE
	17.03	1408.62	SUBGRADE
	23.98	1406.3	SLOPE INTERCEPT
29+26.51	-35.63	1407.56	SLOPE INTERCEPT
	-30.07	1405.71	DITCH
	-21.03	1408.72	SUBGRADE
	0	1409.16	SUBGRADE
	19.71	1408.75	SUBGRADE
	26.73	1406.41	SLOPE INTERCEPT
29+29.33	-35.86	1407.62	SLOPE INTERCEPT
	-30.16	1405.72	DITCH
	-21.12	1408.73	SUBGRADE
	0	1409.17	SUBGRADE
	19.92	1408.75	SUBGRADE
	26.91	1406.42	SLOPE INTERCEPT
29+50	-39.94	1407.74	SLOPE INTERCEPT
	-34.12	1405.8	DITCH
	-26.4	1408.37	SUBGRADE
	0	1408.92	SUBGRADE
	21.44	1408.48	SUBGRADE
	27.33	1406.51	SLOPE INTERCEPT
29+72	-55.24	1408.24	SLOPE INTERCEPT
	-48.18	1405.89	DITCH
	-44.62	1407.07	SUBGRADE
	0	1408.02	SUBGRADE
	33.23	1407.31	SUBGRADE
	37.73	1405.81	DITCH
	39.19	1406.3	SLOPE INTERCEPT

PLOT NAME: 8017XS-Z PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSEC 09-25-2000 2:55:16 pm CST

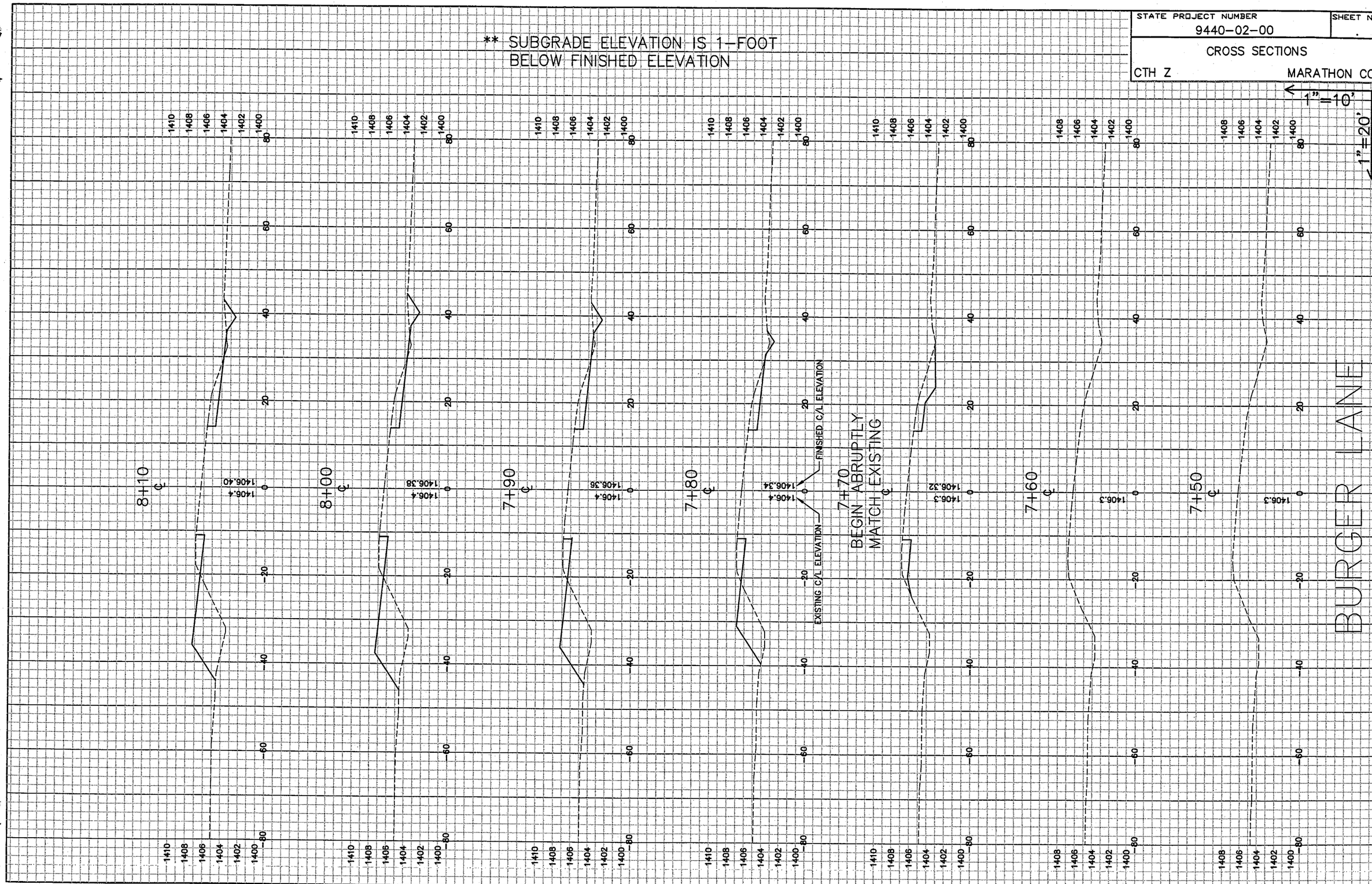
WISDOT/CADDS SHEET 42

149

STATE PROJECT NUMBER	SHEET NO.
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.



PLOT SCALE: 1:1

PLOT NAME: sht1.dwg

REV. DATE:

ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSDZ 09-26-2000 8:10:16 am CST

WISDOT/CADDS SHEET 42

150

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION

1"=10'
1"=20'

BURGER LANE

26+50 ℄ BEGIN ABRUPTLY MATCH ℄ EXISTING
FINISHED C/L ELEVATION 1407.94
EXISTING C/L ELEVATION 1407.9
ROW

26+00 ℄
1407.3
ROW

9+00 ℄
1406.6
1406.51

8+50 ℄ END ABRUPTLY MATCH ℄ EXISTING
1406.5
1406.47

8+40 ℄
1406.5
1406.45

8+30 ℄
1406.4
1406.43

8+20 ℄
FINISHED C/L ELEVATION 1406.42
EXISTING C/L ELEVATION 1406.4
ROW

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSDZ 09-26-2000 8:10:16 am CST

WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO
9440-02-00	.

CROSS SECTIONS

CTH Z MARATHON CO.

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION

1"=10'

1"=20'

29+03.33 ℄ 1406.7 1409.97

29+00 ℄ 1406.7 1409.94

28+50 ℄ 1406.1 1409.54

28+00 ℄ 1405.1 1409.14

27+50 ℄ 1407.2 1408.74

27+00 ℄ 1408.2 1408.34

26+53.07 ℄ 1406.0 1407.96

EXISTING C/L ELEVATION

FINISHED C/L ELEVATION

BURGER LANE

ROW

PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR:

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XS0Z 09-26-2000 @1016 am CST

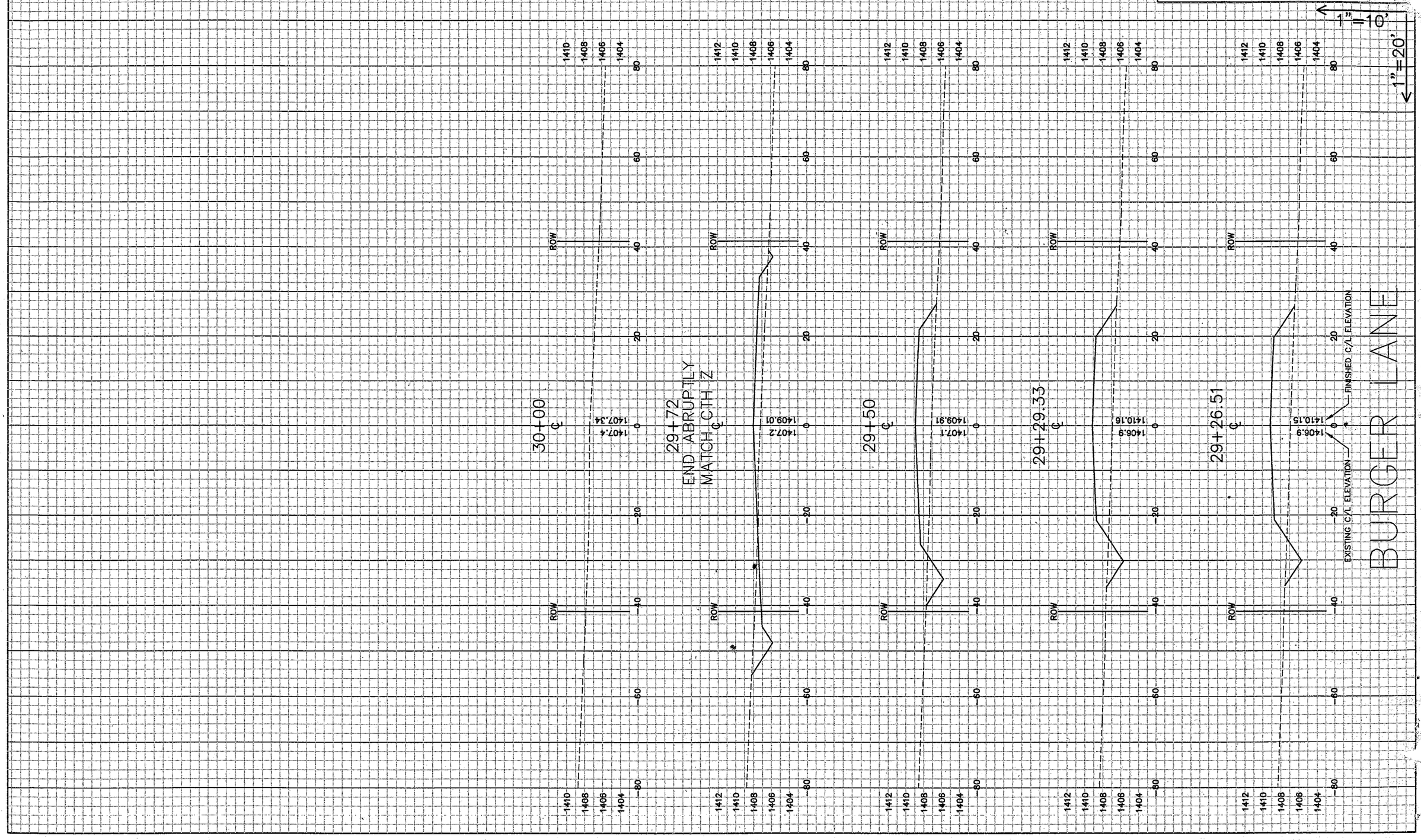
STATE PROJECT NUMBER	SHEET NO
9440-02-00	

CROSS SECTIONS

CTH Z MARATHON CO

** SUBGRADE ELEVATION IS 1-FOOT BELOW FINISHED ELEVATION

1" = 10'
1" = 20'



PLOT NAME: sht1.dwg PLOT SCALE: 1:1

REV. DATE:

ORIGINATOR: BHA

FILE NAME: P:\sdskproj\98017.10\dwg\PLANS\8017XSDZ 09-26-2000 8:10:16 am CST

WISDOT/CADDS SHEET 42