

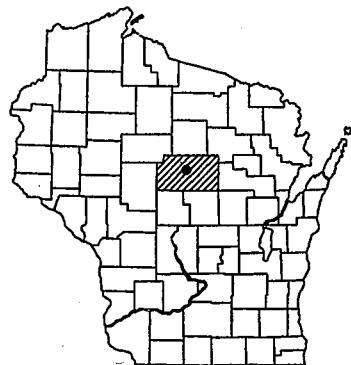
PROJECT ID:

COUNTY: MARATHON

INDEX OF SHEETS

Sheet No. 1	Title
Sheet No.	Typical Sections and Details
Sheet No.	Estimate of Quantities
Sheet No.	Miscellaneous Quantities
Sheet No.	Right of Way Plat
Sheet No.	Plan and Profile
Sheet No.	Standard Detail Drawings
Sheet No.	Sign Plates
Sheet No.	Structure Plans
Sheet No.	Computer Earthwork Data
Sheet No.	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION

A.D.T. 2003	=	7,500
A.D.T. 2023	=	10,000
D.H.V. 2023	=	1,217
D.	=	58/42
T.	=	3.8%
DESIGN SPEED	=	25MPH
ESALS	=	1,197,200

CONVENTIONAL SYMBOLS

COUNTY LINE	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SURVEY LINE	
SLOPE INTERCEPT	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
MARSH AREA	
WOODED OR SHRUB AREA	

COMBUSTIBLE FLUIDS	
UNDERGROUND UTILITIES	
GAS	
ELECTRIC	
TELEPHONE OR TELEGRAPH	
COMMUNICATIONS LINE	
SERVICE PEDESTAL	
POWER POLE	
TELEPHONE POLE	
RAILROAD	
SANITARY SEWER	
STORM SEWER	
WATER	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
CULVERT (Profile View)	



G	
E	
T	
C	
SAN	
SS	
W	



TOTAL NET LENGTH OF CENTERLINE = 0.127 MILES.



PLOT DATE: 11/22/2002

ORG DATE:

PLOT NAME:

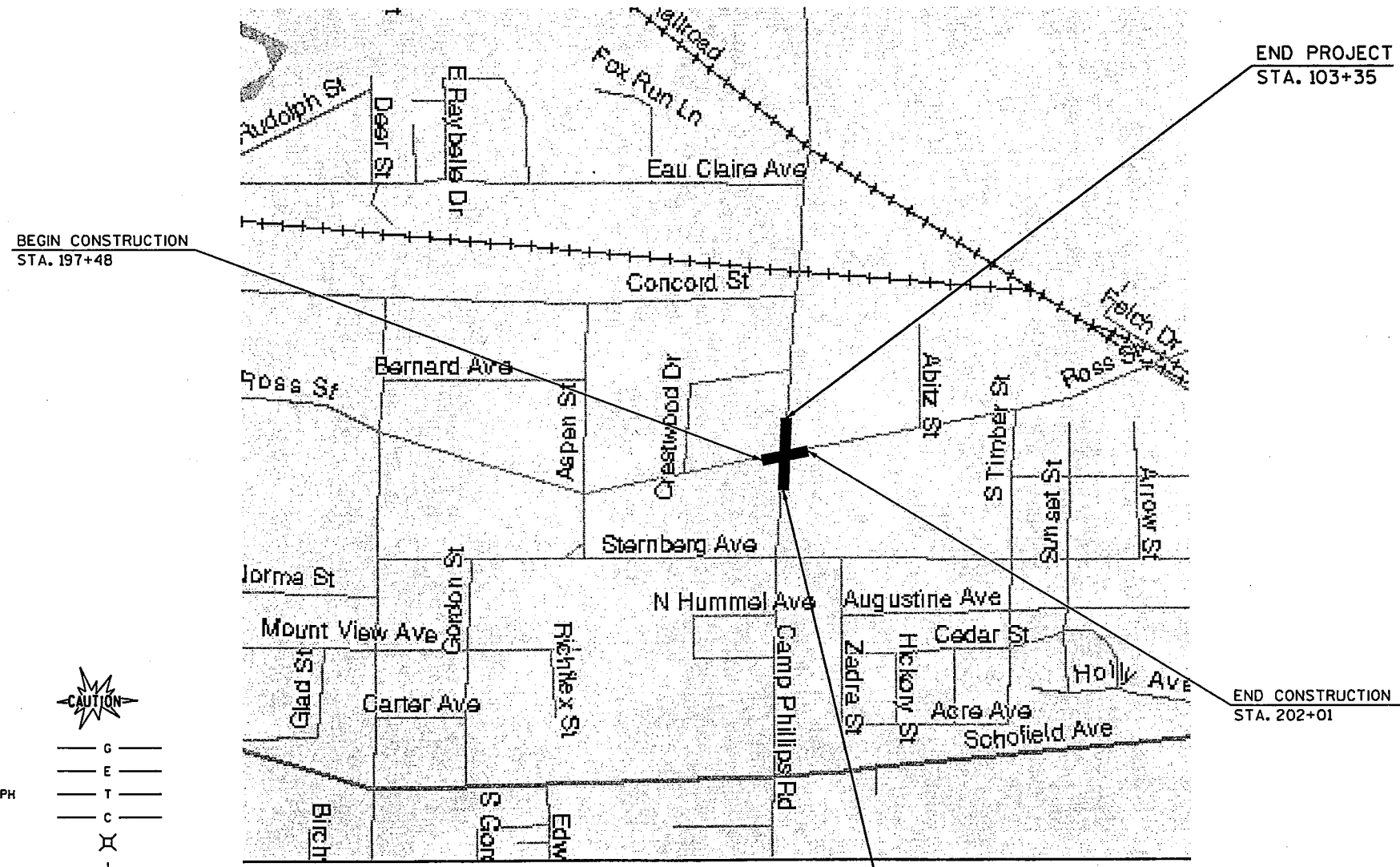
Originator: Dist

PLOT SCALE ##.....plotscale.....##

WISDOT/CADD SHEET 15

PLAN OF PROPOSED IMPROVEMENT  
**CAMP PHILLIPS ROAD**  
 (CAMP PHILLIPS ROAD AND ROSS AVENUE INTERSECTION)  
**VILLAGE OF WESTON**  
**MARATHON COUNTY**

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT



ACCEPTED FOR  
 COUNTY of MARATHON  
 11/25/02 (Date) *Glen Spiehl* (Highway Commissioner)

ORIGINAL PLANS PREPARED BY  
**MSA**  
 PROFESSIONAL SERVICES  
 TRANSPORTATION • MUNICIPAL • REMEDIATION  
 DEVELOPMENT • ENVIRONMENTAL  
 2901 International Lane, Suite 300 Madison, WI 53704  
 608-242-7779 1-800-446-0679 Fax: 608-242-6664

WISCONSIN  
 MICHAEL J. STATZ  
 E-31249  
 BARABOO, WI  
 11-22-02 (Date) *Michael J. Statz* (PROFESSIONAL ENGINEER)

PREPARED BY  
 Surveyor MSA PROFESSIONAL SERVICES, INC.  
 Designer MSA PROFESSIONAL SERVICES, INC.

-"Coordinates on this plan are referenced to an assumed coordinate system."

E

**GENERAL NOTES**

TYPICAL FINISHED SECTIONS SHOW THE GENERAL ROADWAY FEATURES THROUGHOUT THE PROJECT. PAVEMENT SLOPES, BORDER SLOPES, ETC., MAY VARY WITHIN THE STATION LIMITS OF THE STATION SECTION.

CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT THE INTERSECTIONS. SEE DETAIL SHEETS AND CROSS SECTIONS FOR SLOPES AND GRADES.

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

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

PRIOR TO ROAD CLOSURE THE CONTRACTOR SHALL PROVIDE THE ENGINEER, MARATHON COUNTY HIGHWAY DEPARTMENT, AND THE VILLAGE OF WESTON POLICE DEPARTMENT WITH THE NAME AND TELEPHONE NUMBER OF A LOCAL PERSON RESPONSIBLE FOR THE EMERGENCY MAINTENANCE OF TRAFFIC CONTROL.

ALL LENGTHS ARE IN FEET EXCEPT AS SHOWN.

STORM SEWER LENGTHS ARE TO CENTER OF STRUCTURES.

OFFSETS FOR TYPE 3 INLETS ARE GIVEN TO CENTER OF INLET.

ELEVATIONS SHOWN ON THE STORM SEWER SHEETS ARE AT THE FLANGE OF THE CASTING. A MINIMUM 3 INCHES OF ADJUSTMENT RINGS REQUIRED.

MISCELLANEOUS REMOVAL ITEMS REQUIRING RESTORATION OF CONCRETE OR ASPHALTIC CONCRETE DRIVEWAYS, SIDEWALKS, OR SIDE STREETS SHALL BE REMOVED TO AN EXISTING JOINT OR SAWED AS DETERMINED BY THE ENGINEER, OR AS SHOWN ON THE PLANS.

TACK COAT HAS BEEN ESTIMATED AT AN APPLICATION RATE OF 0.025 GALLONS PER SQUARE YARD AND SHALL BE PLACED BETWEEN LAYERS OF ASPHALTIC CONCRETE PAVEMENT, TYPE E-3.

DRIVEWAYS SHALL BE REPLACED IN KIND.

RADIUS DIMENSIONS FOR THE CURB AND GUTTER ARE TO THE FLANGE LINE.

THE CLEAR ZONE BEHIND CURB AND GUTTER IS 2 FEET FROM THE FACE OF THE CURB.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED CURB AND GUTTER LINE AND SIDEWALK SHALL BE TOPSOILED, SODDED AND/OR FERTILIZED, SEEDED, AND MULCHED AS DIRECTED BY 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 AREA THAT ARE NOT SHOWN.

THE 5 INCH ASPHALTIC CONCRETE PAVEMENT, TYPE E-3, SHALL CONSIST OF A 2 INCH UPPER LAYER, AND A 3 INCH LOWER LAYER.

SILT FENCE TO BE PLACED AS DIRECTED BY THE ENGINEER AND IN PLACE PRIOR TO START OF CONSTRUCTION.

THE TYPE D MODIFIED CURB AND GUTTER PAN SECTION IS SLOPED AWAY FROM THE CURB HEAD AT 2% (SEE CONSTRUCTION DETAILS).

**TYPICAL SECTION AND DETAIL SHEET INDEX**

- GENERAL NOTES
- EXISTING TYPICAL SECTIONS
- TYPICAL SECTIONS
- CONTROL POINT TIES
- CONSTRUCTION DETAILS
- STORM SEWER DETAILS
- PAVING DETAILS
- RADIUS DETAILS
- PAVEMENT MARKING & SIGNING
- TRAFFIC SIGNAL PLAN

**UTILITIES**

(ELECTRIC)  
 WISCONSIN PUBLIC SERVICE CORPORATION  
 ATTN: WAYNE KROEPLIN  
 1700 SHERMAN STREET  
 WAUSAU, WI 54402-1166  
 PHONE: (715) 848-7307

(TELEPHONE & FIBER OPTICS)  
 VERIZON, INC.  
 ATTN: JANET MITWEDY  
 521 FOURTH STREET  
 WAUSAU, WI 54403-4869  
 PHONE: (715) 847-1501

(CABLE TELEVISION)  
 CHARTER COMMUNICATION  
 853 MCINTOSH STREET  
 P.O. BOX 1818  
 WAUSAU, WI 54402-1818  
 PHONE: (715) 845-4223 EXT. 224

(GAS)  
 WISCONSIN PUBLIC SERVICE CORPORATION  
 ATTN: DEE MEDHIN  
 1700 SHERMAN STREET  
 WAUSAU, WI 54402-1166  
 PHONE: (715) 848-7307

(WATER, SANITARY SEWER & STORM SEWER)  
 VILLAGE OF WESTON  
 DEPARTMENT OF PUBLIC WORKS  
 ATTN.: KEITH DONNER  
 5500 SCHOFIELD AVENUE  
 WESTON, WI 54476  
 PHONE (715) 359-6114

**DESIGN CONTACT**

MSA PROFESSIONAL SERVICES  
 ATTN: MIKE STATZ  
 2901 INTERNATIONAL LANE, SUITE 300  
 MADISON, WI 53704-3133  
 PHONE: 608-242-7779

VILLAGE WESTON  
 ATTN: KEITH DONNER  
 5500 SCHOFIELD AVENUE  
 WESTON, WI 54476  
 PHONE: (715) 359-6114

MARATHON COUNTY HIGHWAY DEPARTMENT  
 ATTN: GLENN SPEICH  
 1430 WEST STREET  
 WAUSAU, WI 54401  
 PHONE: (715) 842-2205

**STANDARD ABBREVIATIONS**

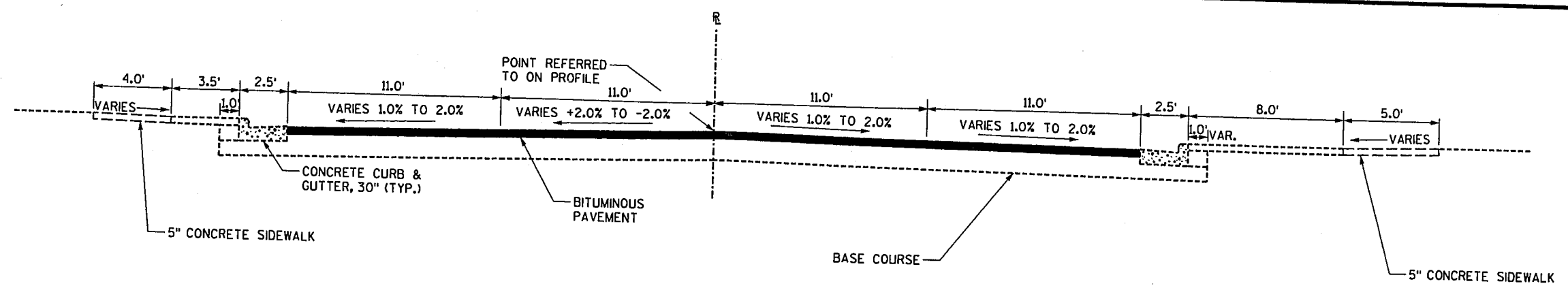
AC	ACRES
AH	AHEAD
ALUM.	ALUMINUM
A.P.	ACCESS POINT
BK	BACK
BLK	BLOCK
BM	BENCHMARK
CL or C/L	CENTERLINE
CSM	CENTRAL ANGLE or DELTA
D	CERTIFIED SURVEY MAP
E	DEGREE OF CURVE
E	EAST
X	EAST GRID COORDINATE
EB	EASTBOUND
ET AL	AND OTHERS
EXIST	EXISTING
GN	GRID NORTH
IP	IRON PIPE
MI	MILE
L	LENGTH
L	LENGTH OF CURVE
LC	LONG CHORD
LCB	LONG CHORD BEARING
MH	MANHOLE
FT	FOOT
IN	INCH
MON	MONUMENT
N	NORTH
Y	NORTH GRID COORDINATE
NB	NORTHBOUND
NO	NUMBER
PT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PL	PROPERTY LINE
POB	POINT OF BEGINNING
R	RADIUS
RP	RADIUS POINT
R	RANGE
RL or R/L	REFERENCE LINE
REQD	REQUIRED
RT	RIGHT
R/W	RIGHT-OF-WAY
RD	ROAD
S	SOUTH
SB	SOUTHBOUND
SO	SQUARE
FT2	SQUARE FEET
STD	STANDARD
SEC	SECTION
STA	STATION
STR	STRUCTURE
T	TANGENT
TAN	TANGENT
TEMP	TEMPORARY
TLE	TEMPORARY LIMITED EASEMENT
T or TN	TOWN
W	WEST
WB	WESTBOUND



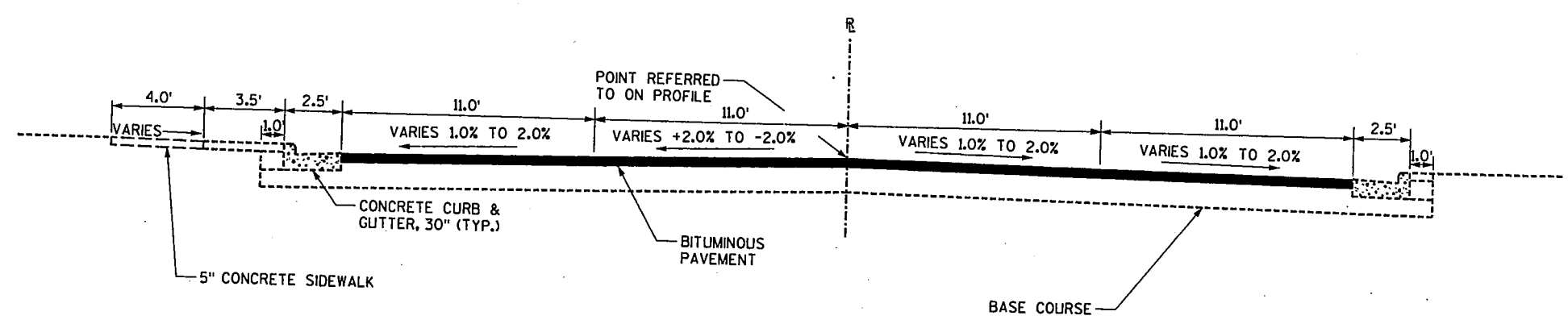
Toll Free (800) 242-8511  
 Milwaukee Area (414) 259-1181  
 Hearing Impaired TDD (800) 542-2289  
 www.DiggersHotline.com

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

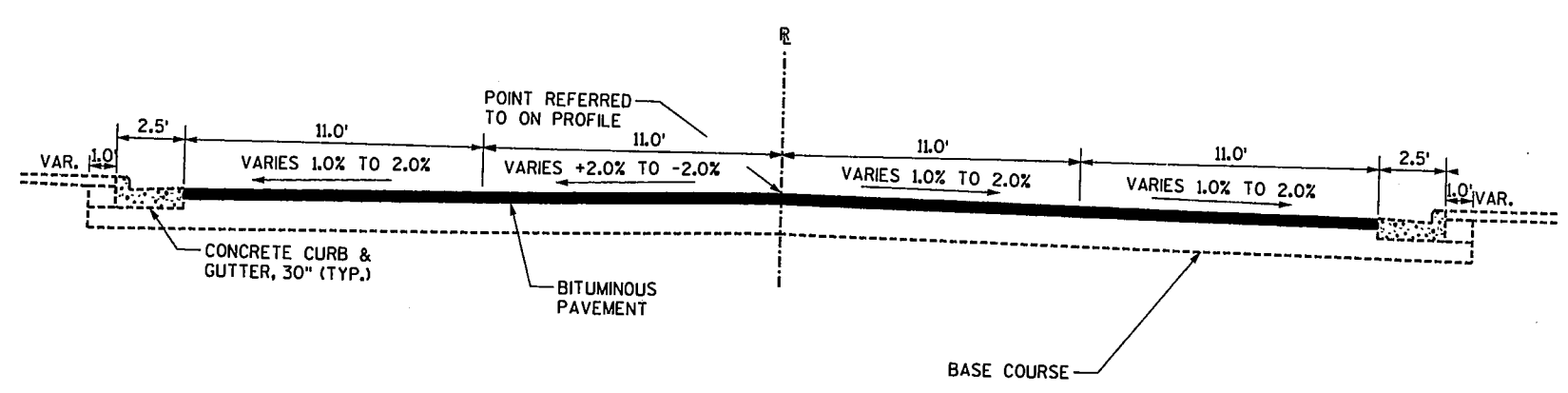
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CAMP PHILLIPS ROAD  
STA. 97+36 TO STA. 100+00



CAMP PHILLIPS ROAD  
STA. 100+00 TO STA. 102+00



ROSS AVENUE  
STA. 197+47 TO STA. 202+54

STATE PROJECT NUMBER:	HWY: CAMP PHILLIPS ROAD	COUNTY: MARATHON	EXISTING TYPICAL SECTIONS	SCALE, FEET $\frac{1}{4}$ " = 1' N/A	SHEET NO:	E
FILE NAME : k:\plansh\ts\exist\typ.dgn	PLOT DATE: 11/22/2002	ORG DATE :	PLOT NAME :	Originator : Dist	PLOT SCALE : \$\$.....plotscale.....\$\$	wisn

**CONVENTIONAL SIGNS AND ABBREVIATIONS**

STATE LINE  
COUNTY LINE  
TOWNSHIP AND RANGE LINES  
SECTION LINE  
QUARTER LINE  
SIXTEENTH LINE  
NEW REFERENCE LINE  
NEW R/W LINE  
EXISTING R/W LINE  
PROPERTY LINE  
CORPORATE LIMITS  
LOT, TIE AND OTHER MINOR LINES  
SLOPE INTERCEPTS  
UNDERGROUND FACILITY (Communications, Electric, Etc.)  
FENCE  
TEMPORARY INTEREST  
EASEMENT (Highway, Permanent Limited or Restricted Development)  
BEAM GUARD  
TRANSMISSION STRUCTURES (Line Optional)  
RAIL LINE

SECTION CORNER  
NOTATION FOR COMBUSTIBLE FLUIDS  
NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES  
BRIDGE  
STREAM OR RIVER  
LAKE  
CULVERT (Box, Pipe Or Cattle Pass)  
SIGN

FOUNDATION OR RUIN BUILDING  
CEMETERY  
R/W MONUMENT  
NON-MONUMENTED R/W POINT  
IRON PIN  
VALVE  
WINDMILL  
MANHOLE, SEPTIC VENT, WELL, ETC.  
GAS PUMPS  
BUSHES  
TREES (Deciduous) (Coniferous)  
WOODS  
ENCROACHING SIGN

FDN. TYPE  
GAS (TYPE)  
M.H. (Type)  
G.P.  
SIGN

COMPENSABLE  
NON-COMPENSABLE

ELECTRIC POLE  
TELEPHONE POLE  
PEDESTAL (Label Type - Communications, Electric)  
NO ACCESS (By Acquisition)  
NO ACCESS (By Statutory Authority)  
NO ACCESS (By Previous Project)

ACRES  
AHEAD  
ALUMINUM  
AND OTHERS  
ANTENNA  
BACK  
BARN  
BLOCK  
BUILDING  
CENTERLINE  
CERTIFIED SURVEY MAP  
CORNER  
COUNTY TRUNK HIGHWAY  
DELTA  
DOCUMENT  
FEET  
FOUNDATION

AC.  
AH  
ALUM.  
ET AL  
ANT  
BK  
B  
BLK  
BLDG  
CL  
CSM  
COR.  
C.T.H.  
DOC.  
FT  
FDN

GARAGE  
GAS VALVE  
HOUSE  
IRON PIPE OR PIN  
LENGTH  
LONG CHORD  
LONG CHORD BEARING  
MANHOLE  
MONUMENT  
PAGE  
POINT OF BEGINNING  
POINT OF CURVATURE  
POINT OF INTERSECTION  
POINT OF TANGENCY

GAR  
G.V.  
H  
I.P.  
L  
L.C.  
L.C.B.  
MH  
MON.  
P.  
P.O.B.  
PC  
PI  
PT

PROPERTY LINE  
RADIUS  
REFERENCE LINE  
RIGHT-OF-WAY  
SECTION  
SHED  
SQUARE FEET  
STATE TRUNK HIGHWAY  
STATION  
TANGENT  
TANK  
TELEPHONE PEDESTAL  
TEMPORARY INTEREST  
TYPICAL  
VOLUME

P.L.  
R  
R/L  
R/W  
SEC.  
S  
SF  
S.T.H.  
STA.  
T.  
T.P.  
T.L  
TYP.  
VOL.

**NOTES**

DIMENSIONING FOR THE NEW R/W IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

EXISTING HIGHWAY RIGHT OF WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE: CRESTWOOD ACRES 1ST ADDITION SUBDIVISION PLAT, CRESTWOOD ACRES 5TH ADDITION SUBDIVISION PLAT AND CERTIFIED SURVEY MAP #6044.

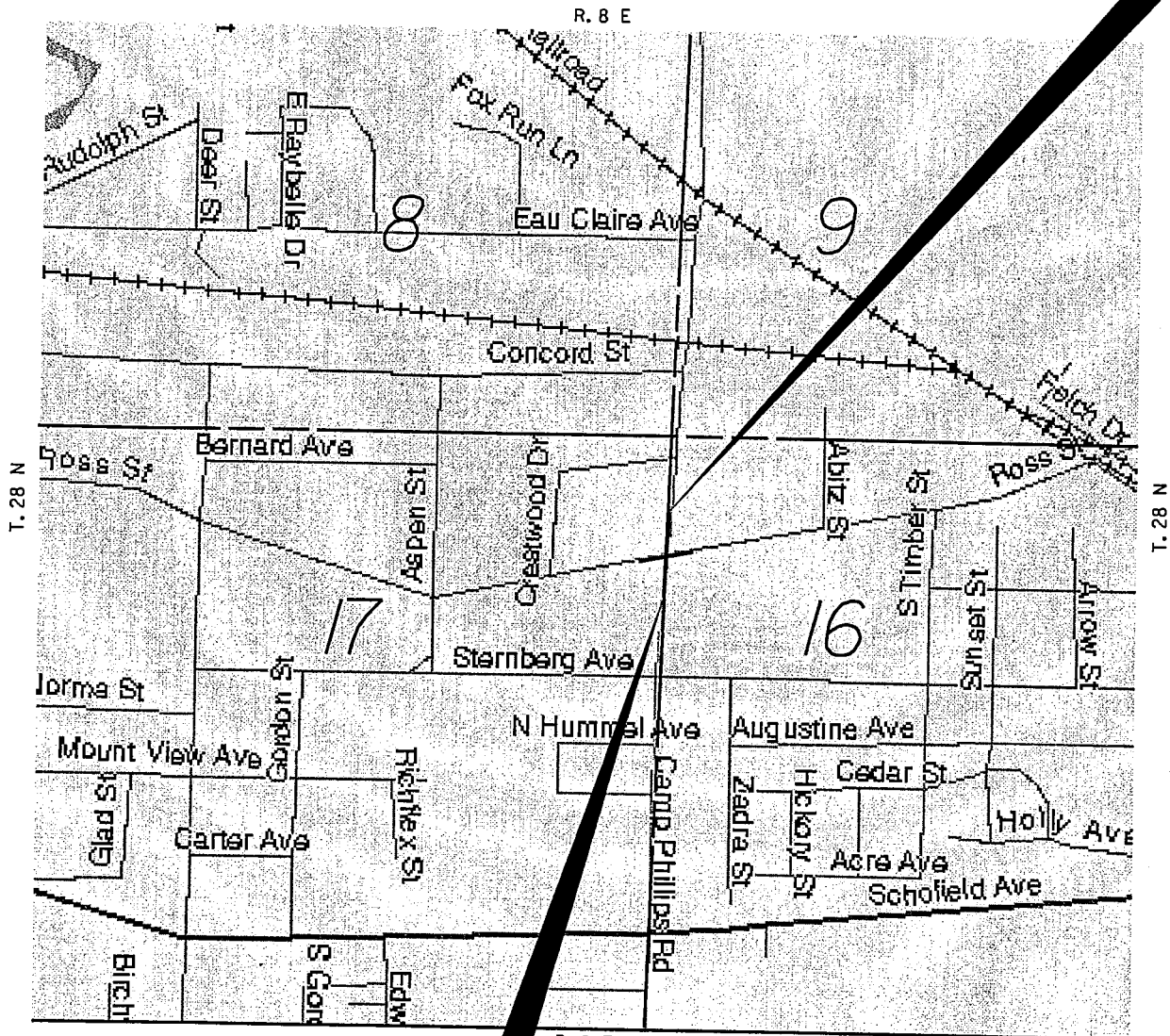
COORDINATES SHOWN ON THIS PLAT ARE ORIENTED TO AN ASSUMED LOCAL COORDINATE SYSTEM. RIGHT-OF-WAY PLAT BEARINGS ARE REFERENCED TO THE LINE BETWEEN THE WEST QUARTER CORNER AND THE NORTHWEST CORNER OF SECTION 16, T.28 N., R.8 E., WHICH HAS A BEARING OF N01°10'59"E.

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 "SURVEYS OF PUBLIC RECORDS".

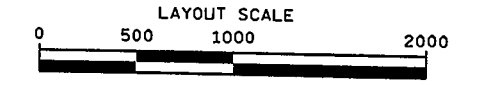
**END RELOCATION ORDER**

STA. 103+49.37  
Y = 50,315.21  
X = 20,045.91  
1587.68' SOUTH AND  
32.79' WEST OF THE  
NORTHEAST CORNER OF  
S-17, T.28 N, R.8 E.



**BEGIN RELOCATION ORDER**

STA. 96+42.39  
Y = 49,611.90  
X = 20,031.39  
378.15' NORTH AND  
7.81' EAST OF THE  
E/4 CORNER OF  
S-17, T.28 N., R.8 E.



TOTAL NET LENGTH OF CENTERLINE = 706.98 FEET

**SCHEDULE OF LANDS & INTERESTS REQUIRED**

PARCEL NUMBER	OWNER	INTEREST REQUIRED	TOTAL S.F.	R/W S.F. REQUIRED			TOTAL S.F. REM.	T.L. S.F.
				NEW	EXISTING	TOTAL		
1	THOMAS L. AND MARY ELLEN FAHEY	FEE	30,988	495	-	495	30,493	2,009
2	WESTON JOINT SCHOOL DISTRICT #1	FEE	940,900	8,516	-	8,516	932,384	7,975
3	JD 5000, LLP.	FEE	22,779	817	-	817	21,962	3,614
4	G & B PRODUCE, INC.	FEE	59,204	6,460	-	6,460	52,744	3,456

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

ACCEPTED FOR  
COUNTY MARATHON  
11/25/02 Cherry Speill  
(Date) (Highway Commissioner)

ORIGINAL PLAT PREPARED BY

**MSA**  
PROFESSIONAL SERVICES  
TRANSPORTATION • MUNICIPAL • REMEDIATION  
DEVELOPMENT • ENVIRONMENTAL

2901 International Plaza, Suite 800, Madison, WI 53704  
608-242-2277 • Fax: 608-242-2284

**JACK L. ROLOFF**  
S-1623  
BARABCO, WISCONSIN  
LAND SURVEYOR

11/21/02 [Signature]  
(Date) (Registered Land Surveyor)

REVISION DATE: \_\_\_\_\_

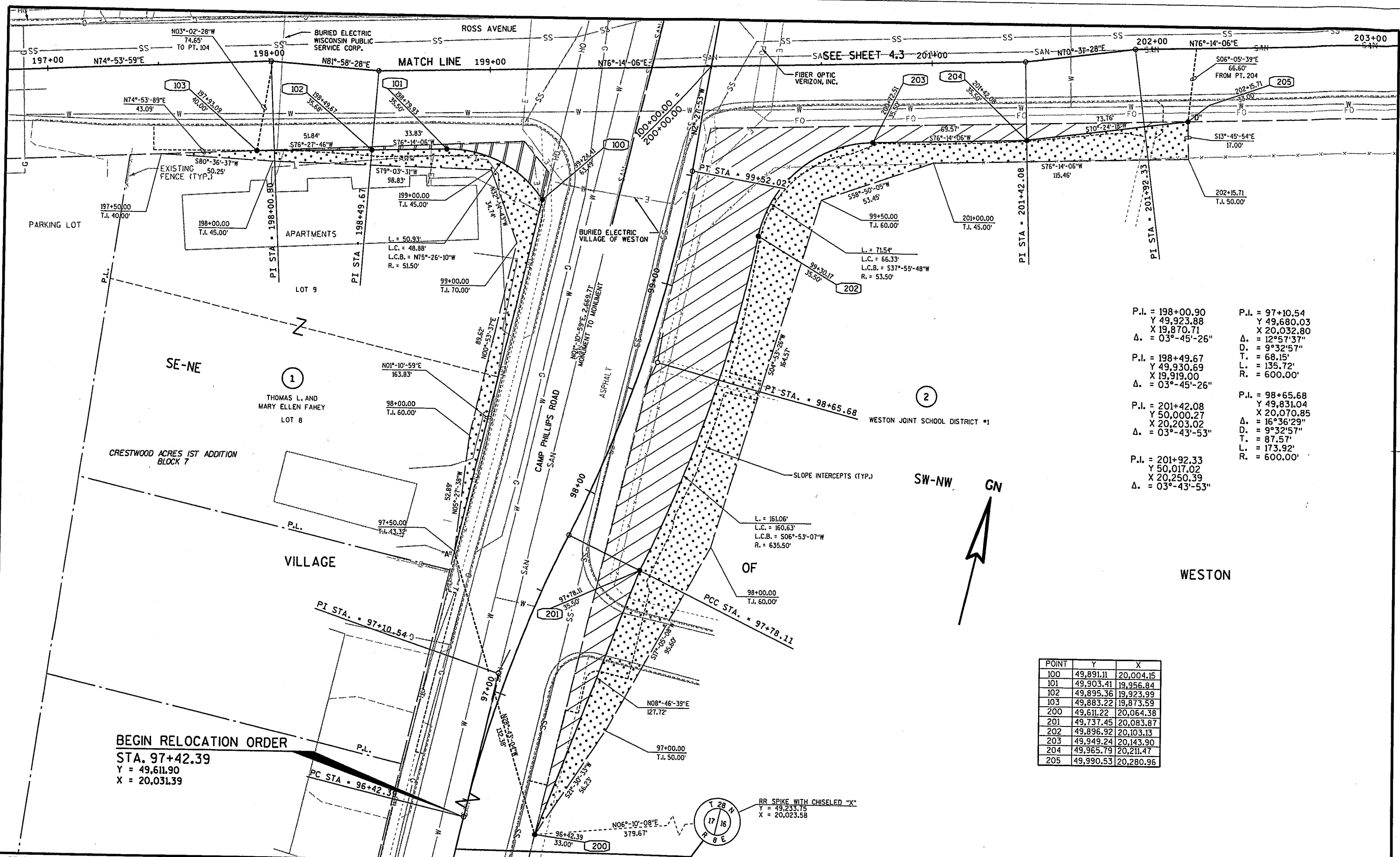
PLAT OF RIGHT OF WAY REQUIRED FOR  
**CAMP PHILLIPS ROAD AND ROSS AVENUE**

HIGHWAY: CAMP PHILLIPS ROAD R/W PROJECT NUMBER: \_\_\_\_\_  
COUNTY: MARATHON FEDERAL PROJECT NUMBER: \_\_\_\_\_

FILE NAME: \_\_\_\_\_ ORIGINATOR: \_\_\_\_\_ PLOT NAME: \_\_\_\_\_ PLOT SCALE: \_\_\_\_\_ PLOT DATE: 21 NOV 2002

SHEET NUMBER: **4.1** E  
TOTAL SHEETS: \_\_\_\_\_

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**BEGIN RELOCATION ORDER**  
 STA. 97+42.39  
 Y = 49,611.90  
 X = 20,031.39

P.I. = 198+00.90 Y 49,923.88 X 19,870.71 Δ = 03°-45'-26"	P.I. = 97+10.54 Y 49,680.03 X 20,032.80 Δ = 12°-57'-37" D. = 9°-32'-57" T. = 68.15' L. = 135.72' R. = 600.00'
P.I. = 198+49.67 Y 49,930.69 X 19,919.00 Δ = 03°-45'-26"	P.I. = 98+65.68 Y 49,831.04 X 20,070.85 Δ = 16°-36'-29" D. = 9°-32'-57" T. = 87.57' L. = 173.92' R. = 600.00'
P.I. = 201+42.08 Y 50,000.27 X 20,203.02 Δ = 03°-43'-53"	
P.I. = 201+92.33 Y 50,017.02 X 20,250.39 Δ = 03°-43'-53"	

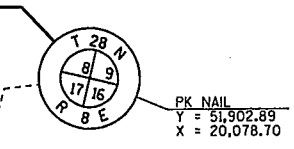
POINT	Y	X
100	49,891.11	20,004.15
101	49,903.41	19,956.84
102	49,895.36	19,923.99
103	49,883.22	19,873.59
200	49,611.22	20,064.38
201	49,737.45	20,083.87
202	49,896.92	20,103.13
203	49,949.24	20,143.90
204	49,965.79	20,211.47
205	49,990.53	20,280.96

REVISION DATE:	SCALE, FEET: 0 40	DATE: 9-27-02	HIGHWAY: CAMP PHILLIPS ROAD	R/W PROJECT NUMBER:
FILE NAME : ROW1.DGN	ORIGINATOR : BS	GRID FACTOR: N/A	COUNTY: MARATHON	FEDERAL PROJECT NUMBER:
PLOT NAME :		PLOT SCALE :		SHEET NUMBER: <b>4.2</b>
				<b>E</b>

PLOT DATE: 11/22/2002 WISDOT/CADD SHEET 75

POINT	Y	X
104	49,957.77	19,869.63
105	49,961.04	19,869.46
106	49,975.27	19,909.75
107	49,991.19	19,974.74
108	50,013.71	20,006.69
206	50,056.75	20,273.89
207	50,060.52	20,274.16
208	50,049.57	20,229.47
209	50,044.30	20,192.23
210	50,038.88	20,169.42
211	50,037.25	20,150.63
212	50,066.62	20,102.25
213	50,094.52	20,093.42
214	50,271.41	20,081.63
215	50,314.47	20,081.54
216	50,314.34	20,078.90

**END RELOCATION ORDER**  
**STA. 103+49.37**  
 Y = 50,315.21  
 X = 20,045.91



P.I. = 198+00.90  
 Y 49,923.88  
 X 19,870.71  
 Δ = 07°-04'-29"

P.I. = 100+55.14  
 Y 50,021.55  
 X 20,062.65  
 Δ = 01°-21'-23"

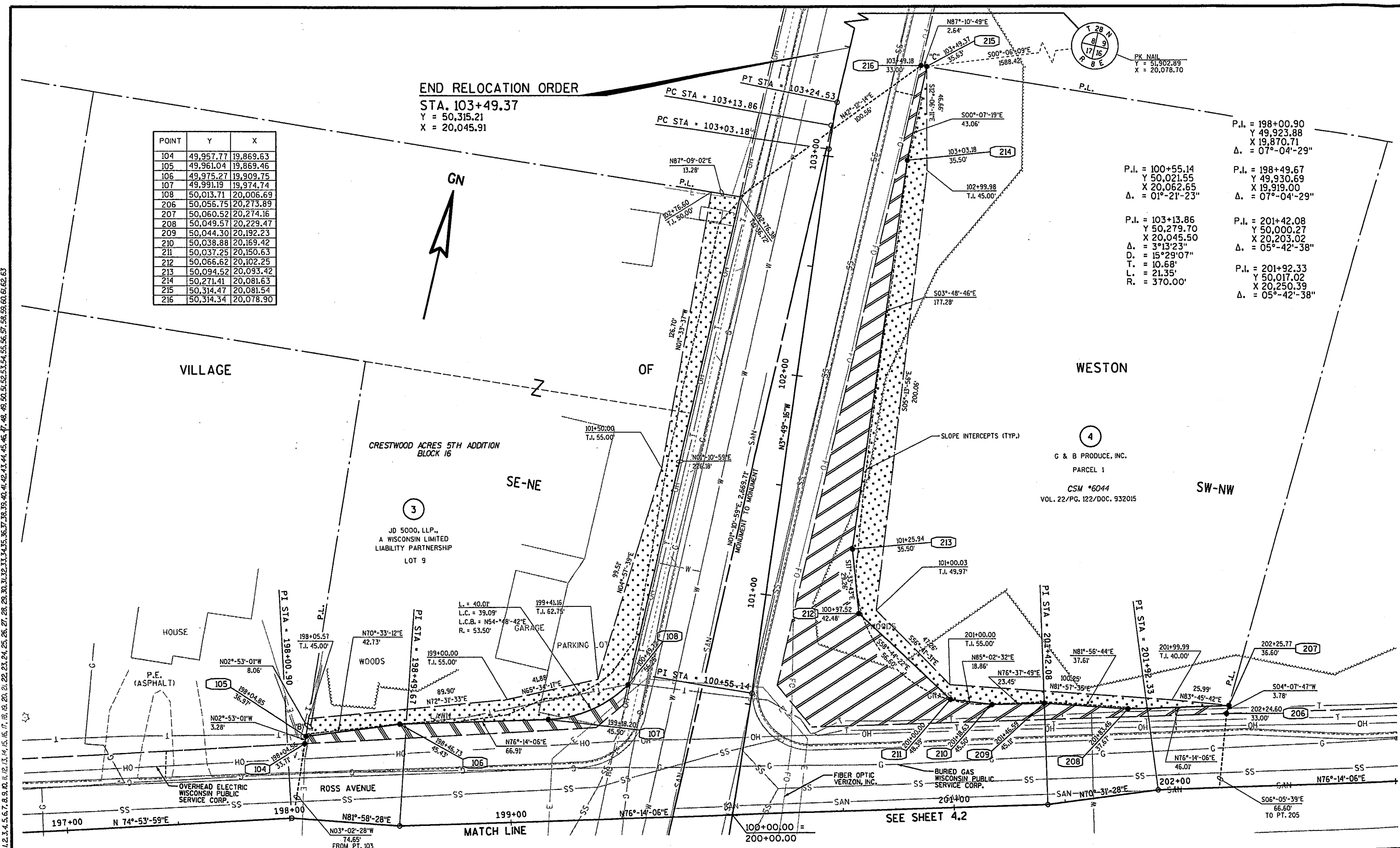
P.I. = 198+49.67  
 Y 49,930.69  
 X 19,919.00  
 Δ = 07°-04'-29"

P.I. = 103+13.86  
 Y 50,279.70  
 X 20,045.50  
 Δ = 3°13'23"  
 D = 15°29'07"  
 T = 10.68'  
 L = 21.35'  
 R = 370.00'

P.I. = 201+42.08  
 Y 50,000.27  
 X 20,203.02  
 Δ = 05°-42'-38"

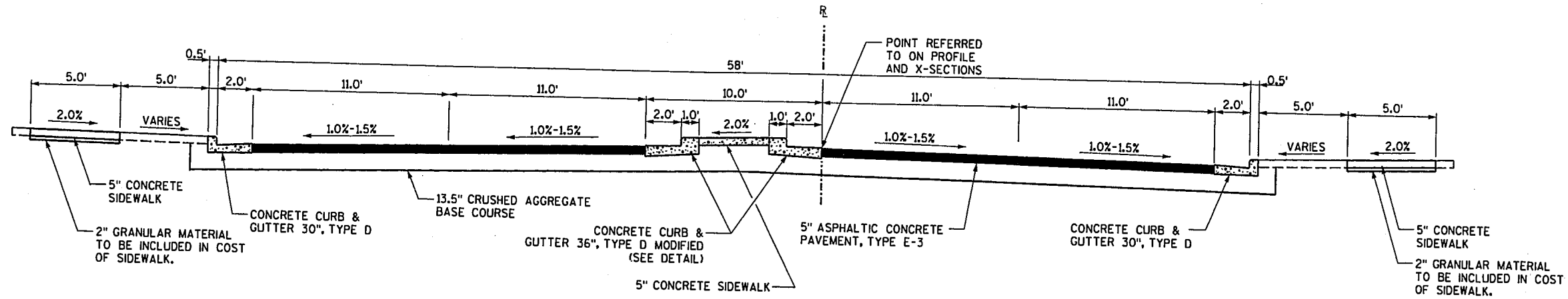
P.I. = 201+92.33  
 Y 50,017.02  
 X 20,250.39  
 Δ = 05°-42'-38"

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

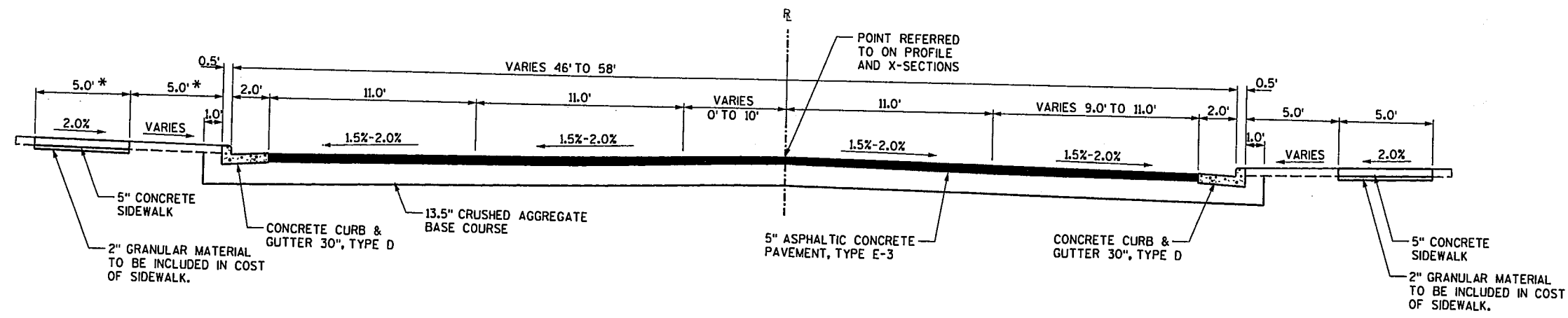


REVISION DATE:	SCALE, FEET: 0 40	DATE: 9-27-02	HIGHWAY: CAMP PHILLIPS ROAD	R/W PROJECT NUMBER:	SHEET NUMBER: 4.3	E
ORIGINATOR: BS	PLOT NAME:	GRID FACTOR: N/A	COUNTY: MARATHON	FEDERAL PROJECT NUMBER:		
FILE NAME: ROW1.DGN	PLOT SCALE:					WISDOT/CADS SHEET 75

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



**TYPICAL SECTION**  
 CAMP PHILLIPS ROAD STA 98+50 TO 99+55, 100+50 TO 101+52  
 ROSS AVENUE STA 198+49 TO 199+48, 200+44 TO 201+45



\* NOTE: SIDEWALK IS 4.0' WIDE AND THE TERRACE VARIES IN WIDTH FROM 5.0' TO 3.5' WIDE STA 101+89 TO 102+76, LT.

**TYPICAL SECTION**  
 CAMP PHILLIPS ROAD STA 96+65 TO 98+50, 99+55 TO 100+50, 101+52 TO 103+35  
 ROSS AVENUE STA 197+47 TO 198+49, 199+48 TO 200+44, 201+45 TO 202+01

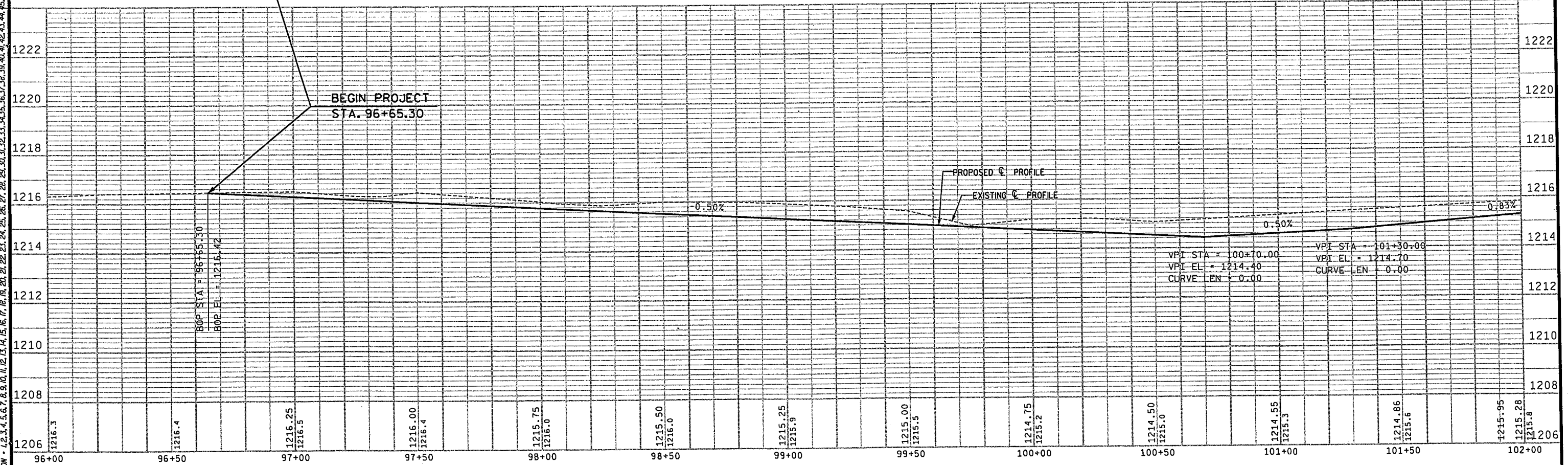
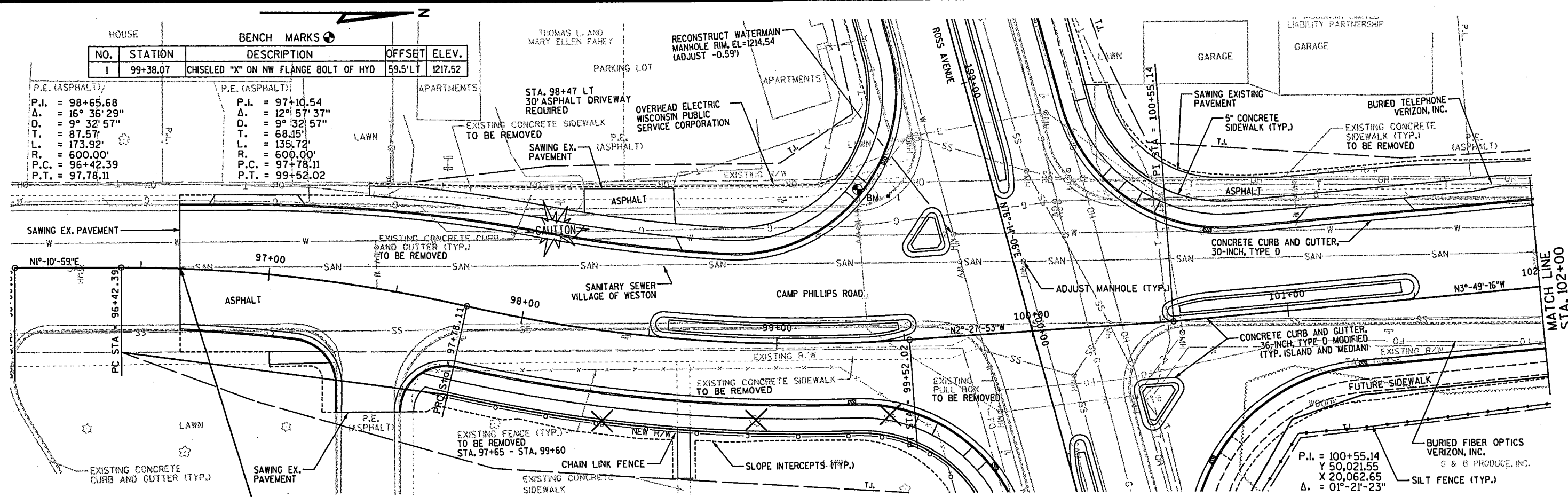
STATE PROJECT NUMBER:	HWY: CAMP PHILLIPS ROAD	COUNTY: MARATHON	TYPICAL SECTIONS	SCALE, FEET <span style="font-size: small;">0 1 2 3 4 5 6 7 8 9 10</span> <span style="font-size: x-small;">N/A</span>	SHEET NO: <b>E</b>
FILE NAME : k:\planshts\typical.dgn	PLOT DATE: 11/22/2002	ORG DATE :	PLOT NAME :	Originator : Dist	PLOT SCALE : \$\$\$.....plot\$scale.....\$\$\$

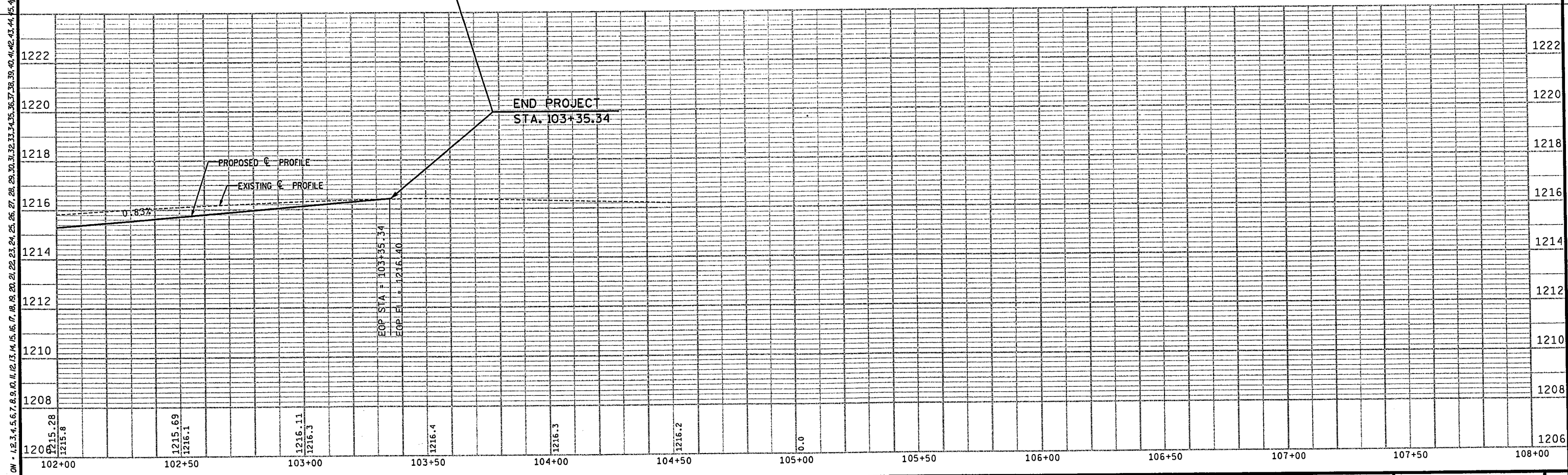
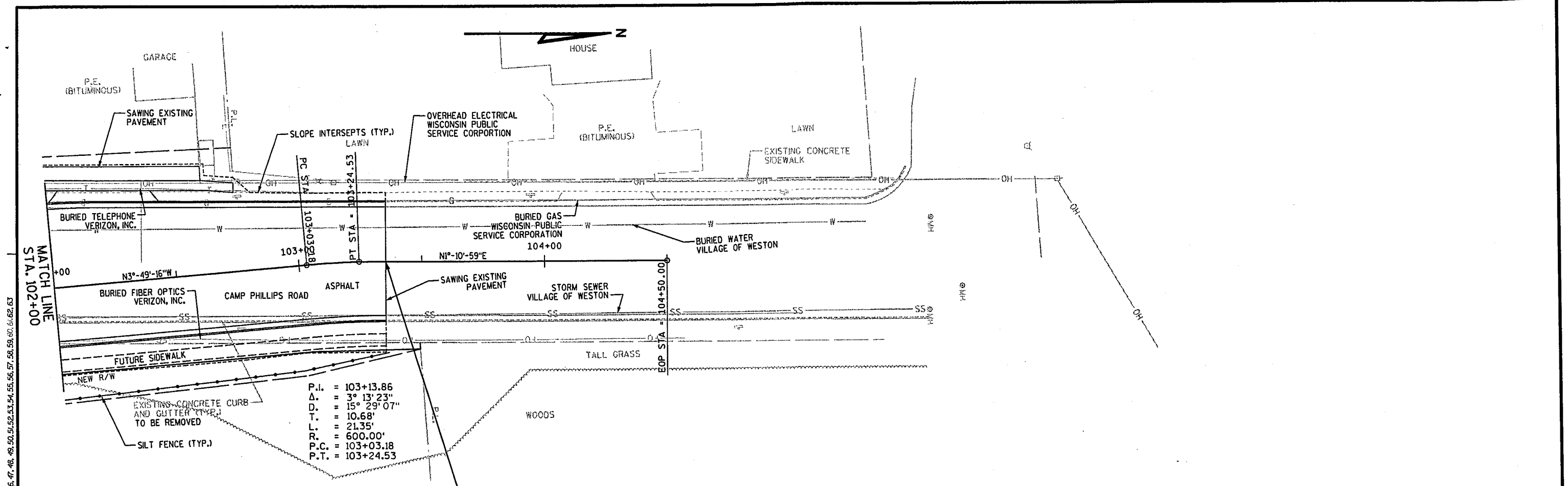
NO.	STATION	DESCRIPTION	OFFSET	ELEV.
1	99+38.07	CHISELED "X" ON NW FLANGE BOLT OF HYD	59.5' LT	1217.52

P.E. (ASPHALT)  
 P.I. = 98+65.68  
 Δ = 16° 36' 29"  
 D. = 9° 32' 57"  
 T. = 87.57'  
 L. = 173.92'  
 R. = 600.00'  
 P.C. = 96+42.39  
 P.T. = 97.78.11

P.E. (ASPHALT)  
 P.I. = 97+10.54  
 Δ = 12° 57' 37"  
 D. = 9° 32' 57"  
 T. = 68.15'  
 L. = 135.72'  
 R. = 600.00'  
 P.C. = 97+78.11  
 P.T. = 99+52.02

P.I. = 100+55.14  
 Y 50,021.55  
 X 20,062.65  
 Δ = 01°-21'-23"





STATE PROJECT NUMBER:	HWY: CAMP PHILLIPS ROAD	COUNTY: MARATHON	PLAN AND PROFILE	SHEET NO: E
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LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61

EARTHWORK

CAMP PHILLIPS ROAD

STATION	END AREAS (S.F.)		DISTANCE	VOLUME (C.Y.)	
	CUT	FILL		CUT	FILL
96+65	0	0			
96+75	86	0	10	16	0
97+00	102	0	25	87	0
97+25	113	0	25	100	0
97+50	150	0	25	122	0
97+75	156	0	25	142	0
98+00	165	0	25	149	0
98+25	168	0	25	154	0
98+50	166	0	25	155	0
98+75	155	2	25	149	1
99+00	150	1	25	141	1
99+25	170	0	25	148	0
99+50	150	0	25	148	0
99+75	103	0	25	117	0
100+00	114	0	25	100	0
100+25	116	0	25	106	0
100+50	220	0	25	156	0
100+75	253	0	25	219	0
101+00	193	0	25	206	0
101+25	180	0	25	173	0
101+50	171	0	25	163	0
101+75	162	0	25	154	0
102+00	153	0	25	146	0
102+25	140	0	25	136	0
102+50	128	0	25	124	0
102+75	116	0	25	113	0
103+00	100	0	25	100	0
103+25	86	2	25	86	1
103+35	0	0	10	16	0

TOTAL (CAMP PHILLIPS ROAD) 3422 4

CONTINUED IN NEXT COLUMN

EARTHWORK CONTINUED

ROSS AVENUE


STATION	END AREAS (S.F.)		DISTANCE	VOLUME (C.Y.)	
	CUT	FILL		CUT	FILL
197+48	0	0			
197+50	89	1	2	3	0
197+75	85	1	25	81	1
198+00	87	2	25	80	1
198+25	96	2	25	85	2
198+50	102	0	25	92	1
198+75	103	0	25	95	0
199+00	124	0	25	105	0
199+25	135	1	25	120	0
199+50	149	0	25	131	0
199+67	113	0	25	121	0
SUBTOTAL (ROSS AVENUE)				965	6
200+22	0	0	3	7	0
200+25	117	0	25	132	0
200+50	169	0	25	163	0
200+75	182	0	25	163	0
201+00	142	0	25	150	0
201+25	120	1	25	121	0
201+50	112	0	25	107	0
201+75	94	0	25	95	0
202+01	85	0	25	83	0
SUBTOTAL (ROSS AVENUE)				898	1
TOTAL (ROSS AVENUE)				1863	7
TOTAL (PROJECT)				5285	11

STATE PROJECT NUMBER:

HWY: CAMP PHILLIPS ROAD

COUNTY: MARATHON

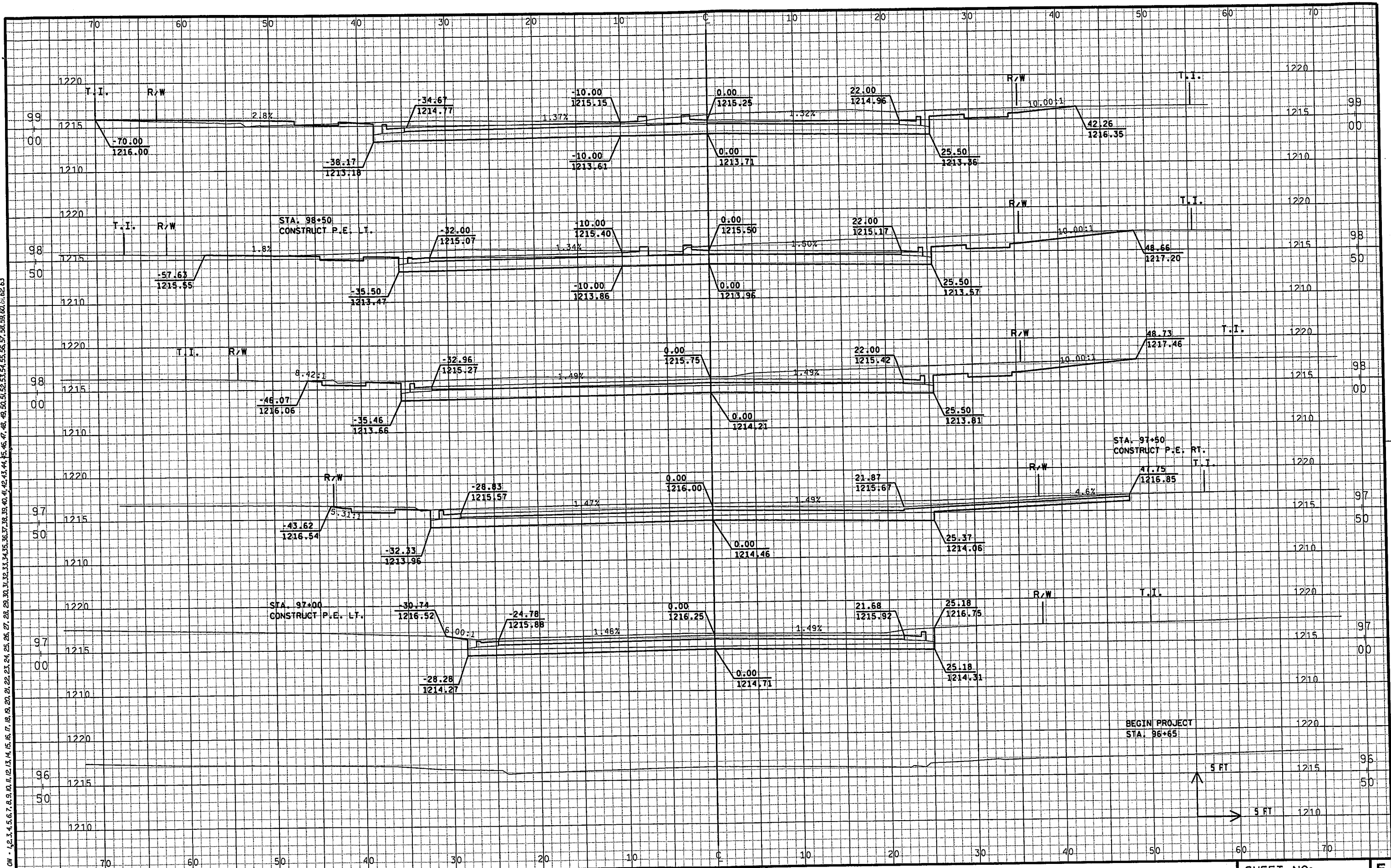
EARTHWORK

SCALE, FEET  N/A

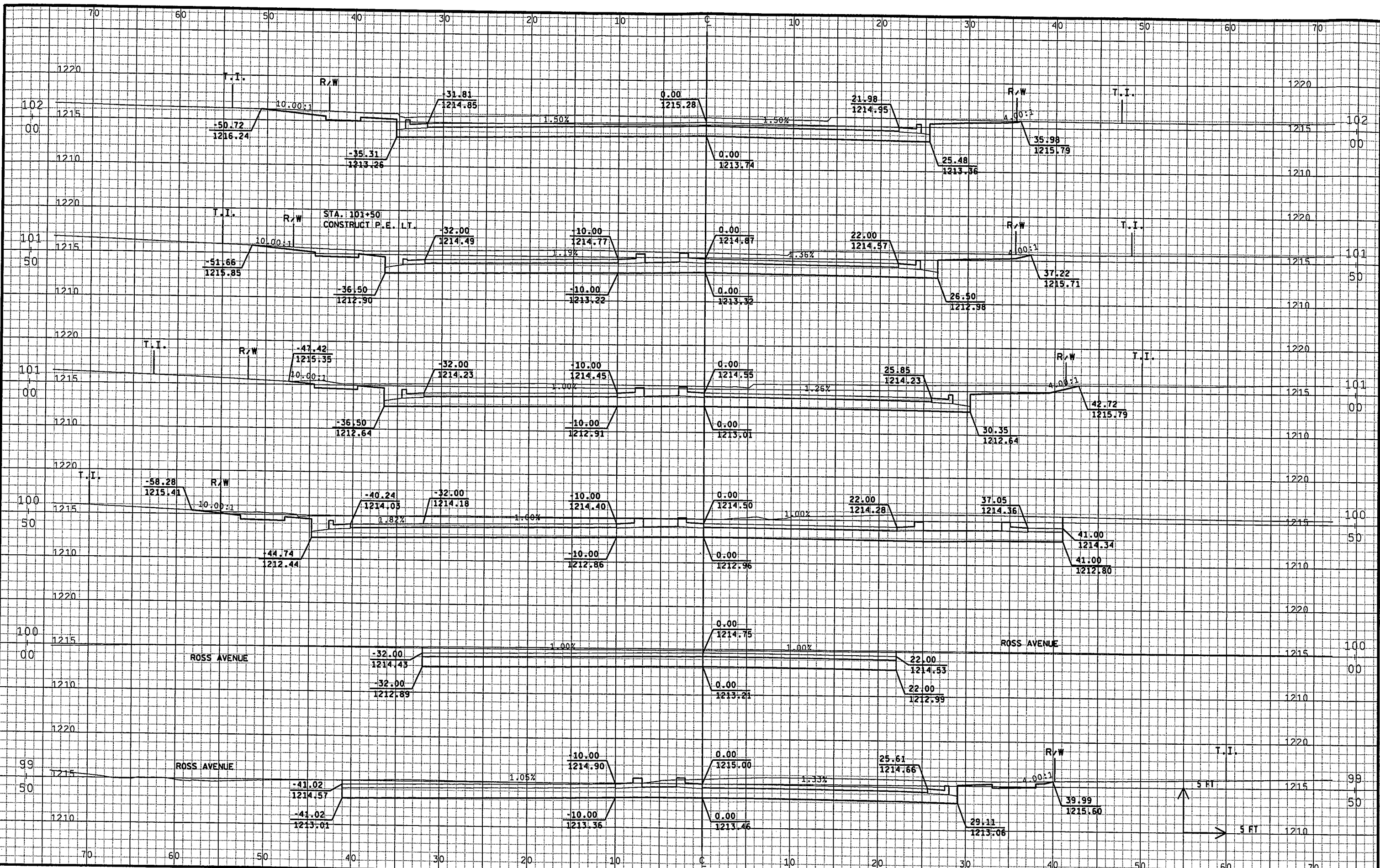
SHEET NO:

E

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



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



STATE PROJECT NUMBER:	HWY: CAMP PHILLIPS ROAD	COUNTY: MARATHON	CROSS SECTIONS:	SHEET NO: E
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FILE NAME : k:\align\rc002200.dgn PLOT DATE : 11/22/2002 ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : \$\$.....plot\$scale.....\$\$ WISDOT/CADD\$ SHEET 21

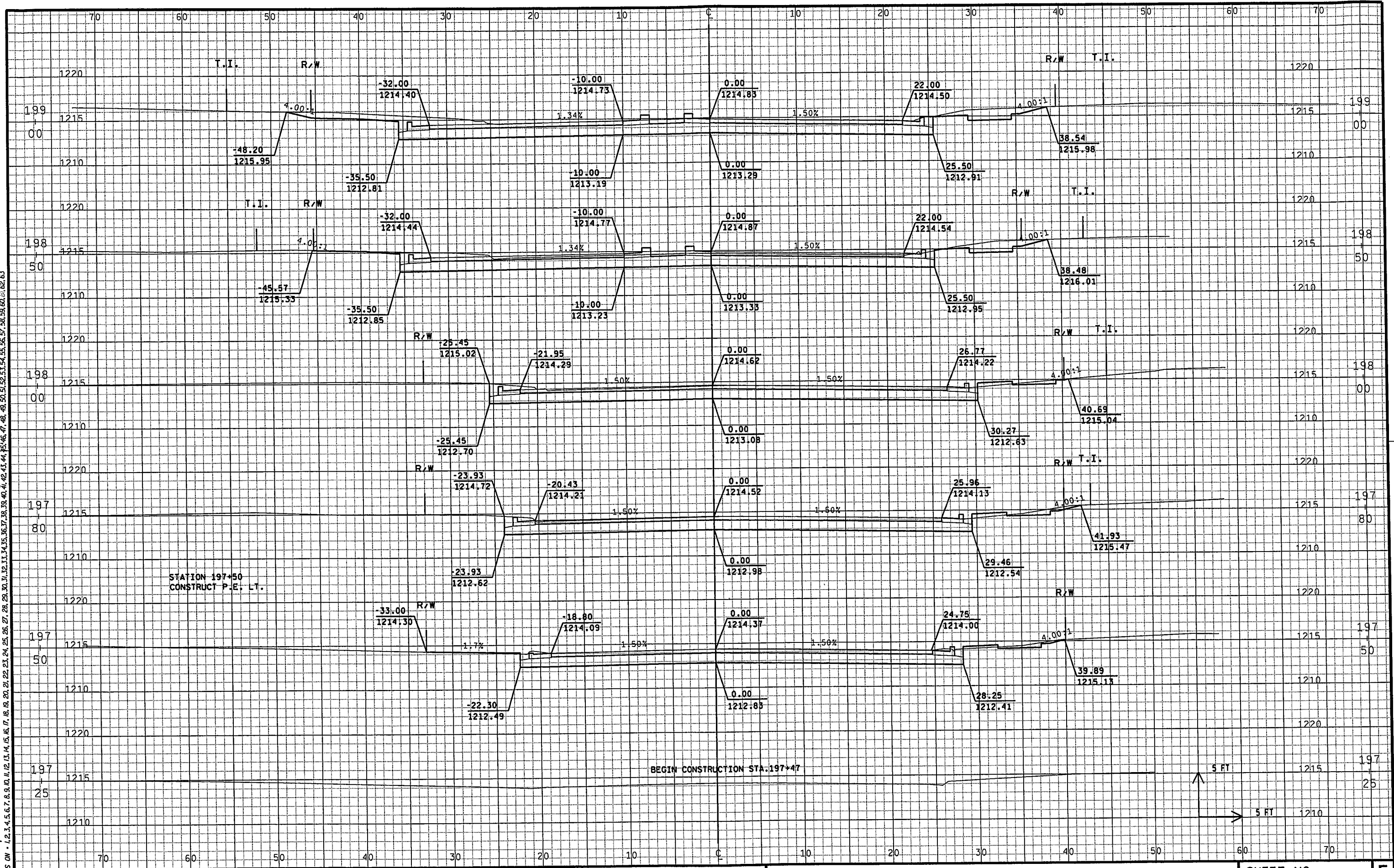
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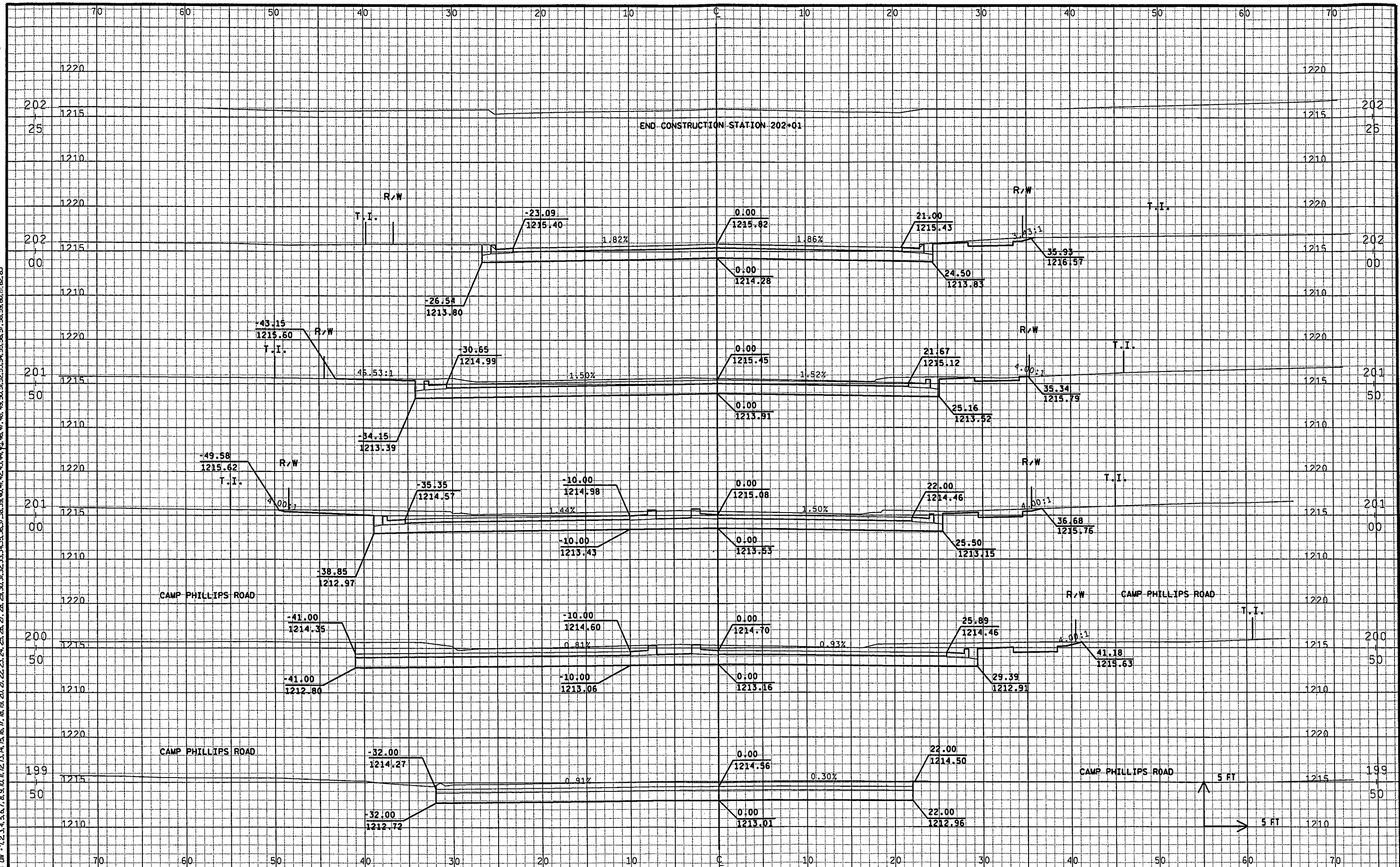
STATE PROJECT NUMBER: HWY: CAMP PHILLIPS ROAD COUNTY: MARATHON CROSS SECTIONS: SHEET NO: E

FILE NAME : k:\d11gn\rc003200.dgn PLOT DATE : 11/22/2002 ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : \*\*.....plotscale.....\*\* WISDOT/CADD SHEET 21

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

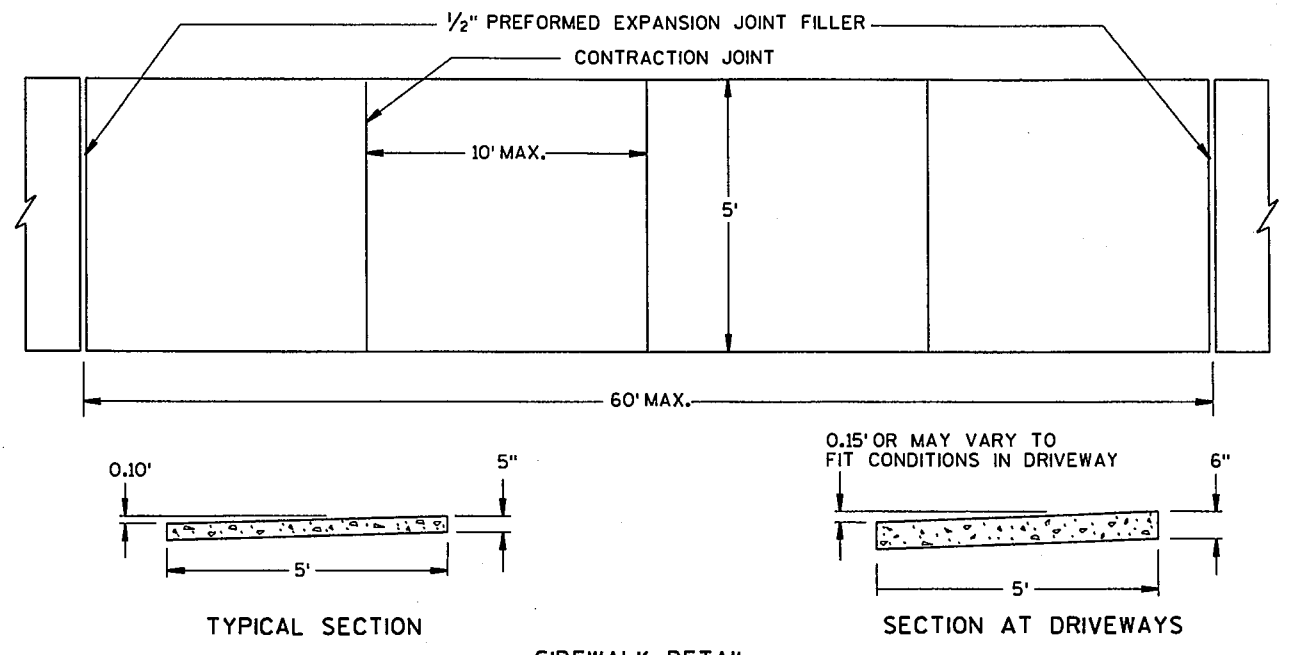


LEVELS ON \*1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

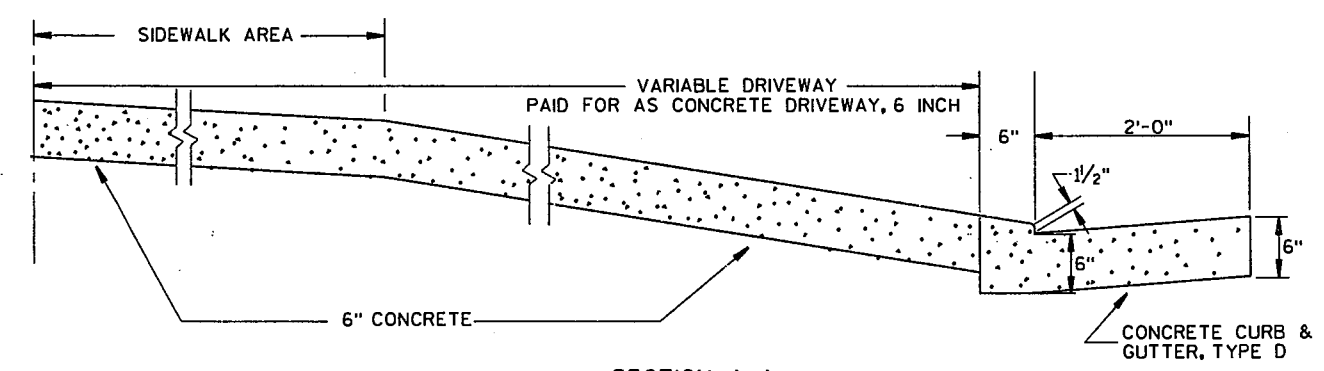




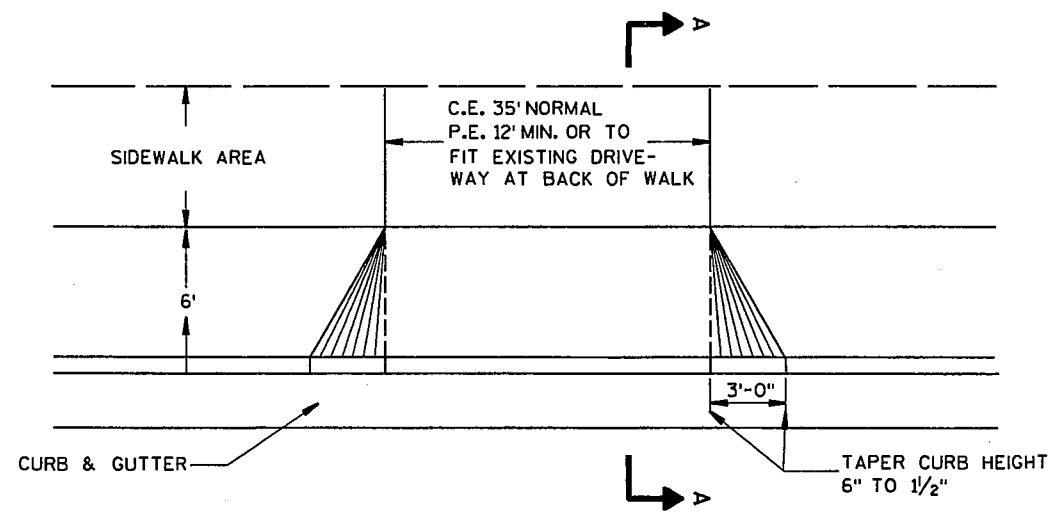
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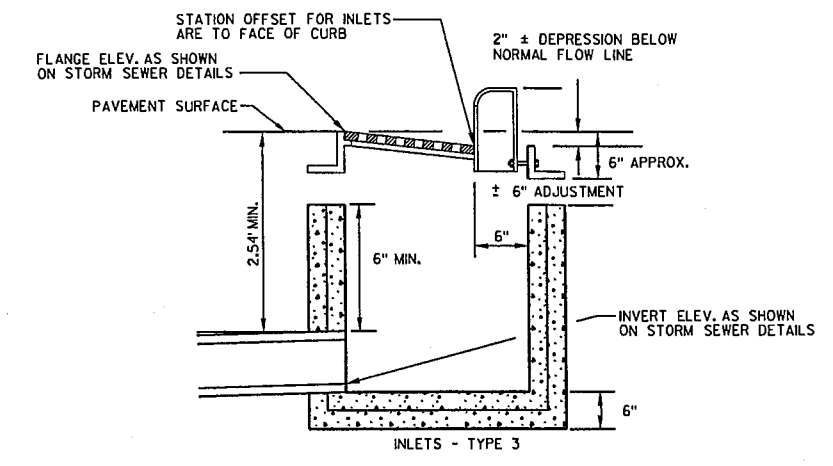
TYPICAL SECTION      SIDEWALK DETAIL      SECTION AT DRIVEWAYS



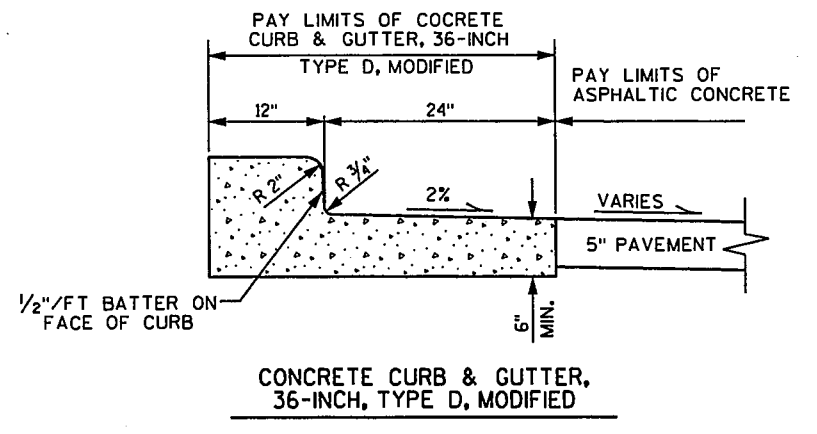
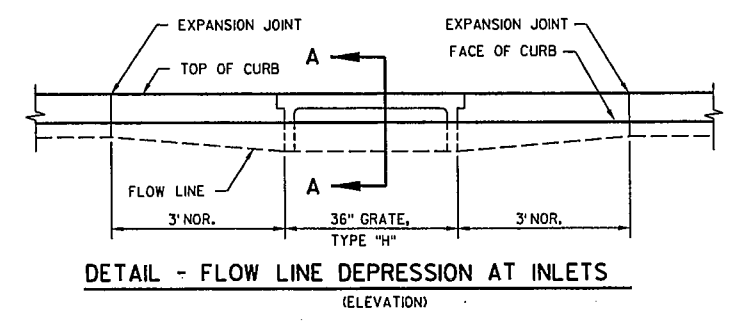
SECTION A-A



PRIVATE AND COMMERCIAL ENTRANCES



DETAIL FOR COMPUTING INLET ELEVATIONS  
SECTION A-A

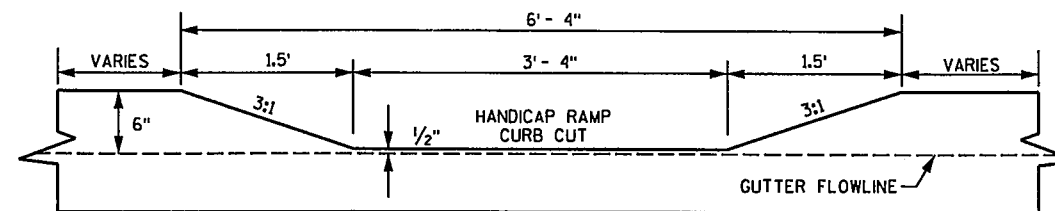


CONCRETE CURB & GUTTER, 36-INCH, TYPE D, MODIFIED

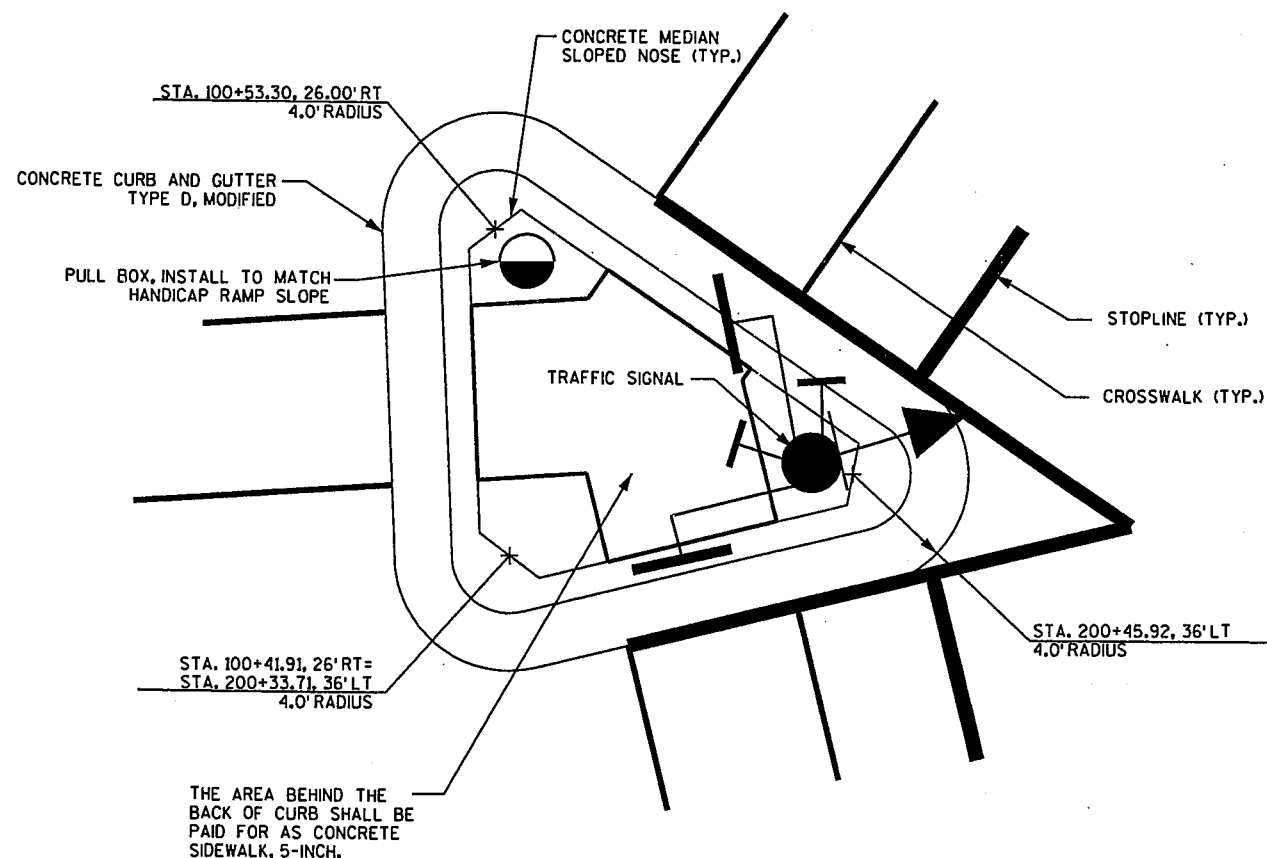
ALL DETAILS NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE STANDARD "CONCRETE CURB & GUTTER, 30-INCH, TYPE D" DETAIL DRAWING  
 \* REVERSE SLOPE IN MEDIAN LOCATIONS

**LEGEND**

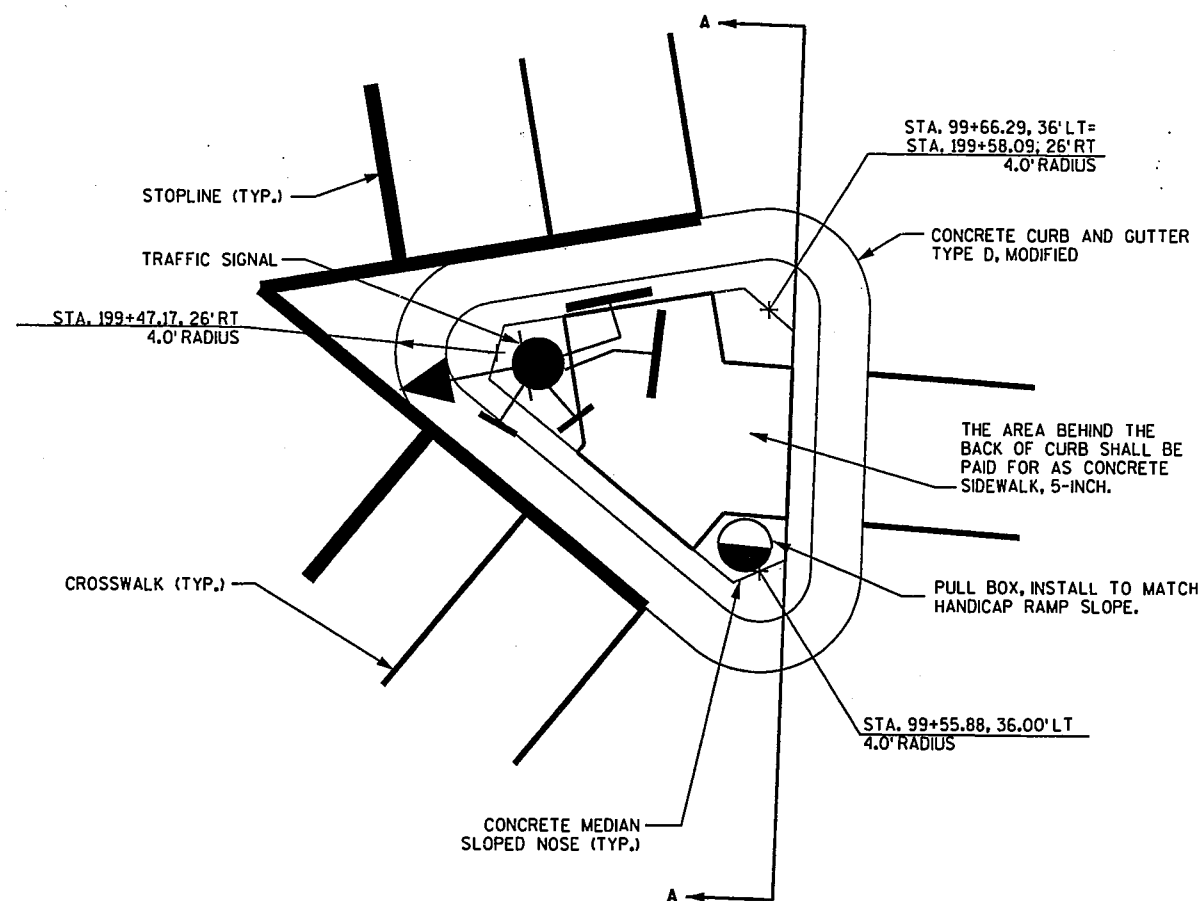
- PROPOSED NONMETALLIC CONDUIT 3", UNLESS OTHERWISE NOTED
- ◀● SIGNAL HEAD, PEDESTAL MOUNT
- PB PEDESTRIAN HEAD WITH PUSH BUTTON
- PULL BOX, 24" X 36"
- ⊙ SIGN
- PAVMENT MARKINGS
- ▬ STOP LINE



**SECTION A - A**  
FROM BACK OF CURB



**ISLAND DETAIL 1**  
PLAN VIEW



**ISLAND DETAIL 2**  
PLAN VIEW

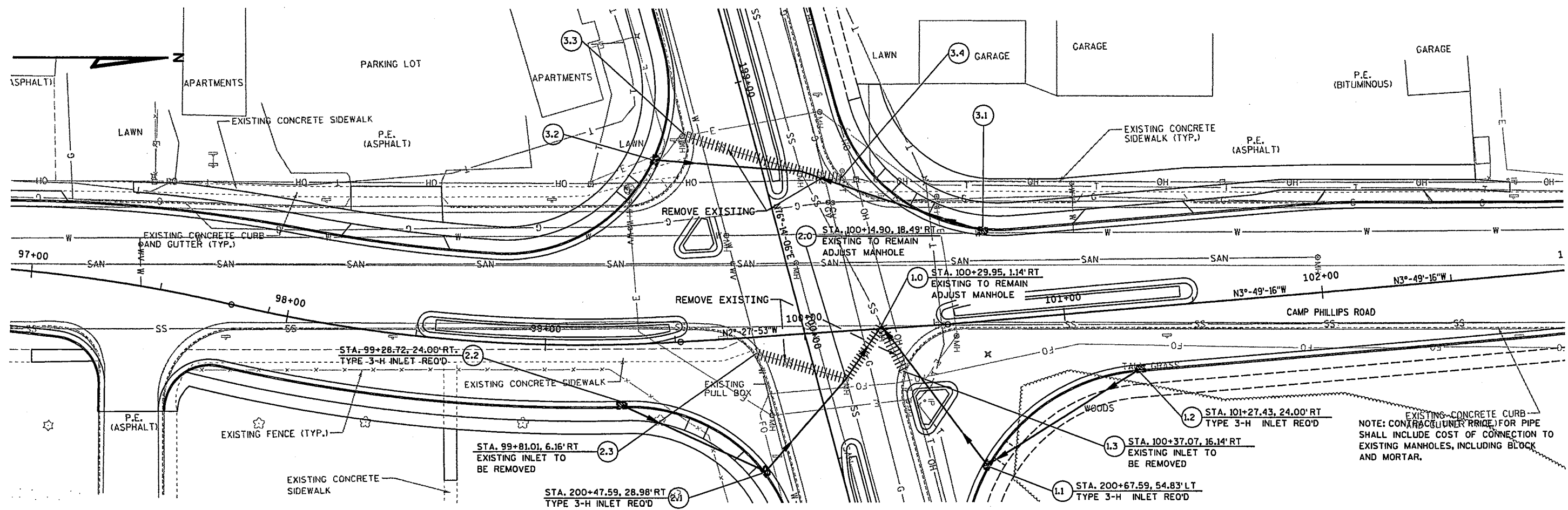
**GENERAL NOTES:**

DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD DETAIL DRAWING "CURB RAMPS".

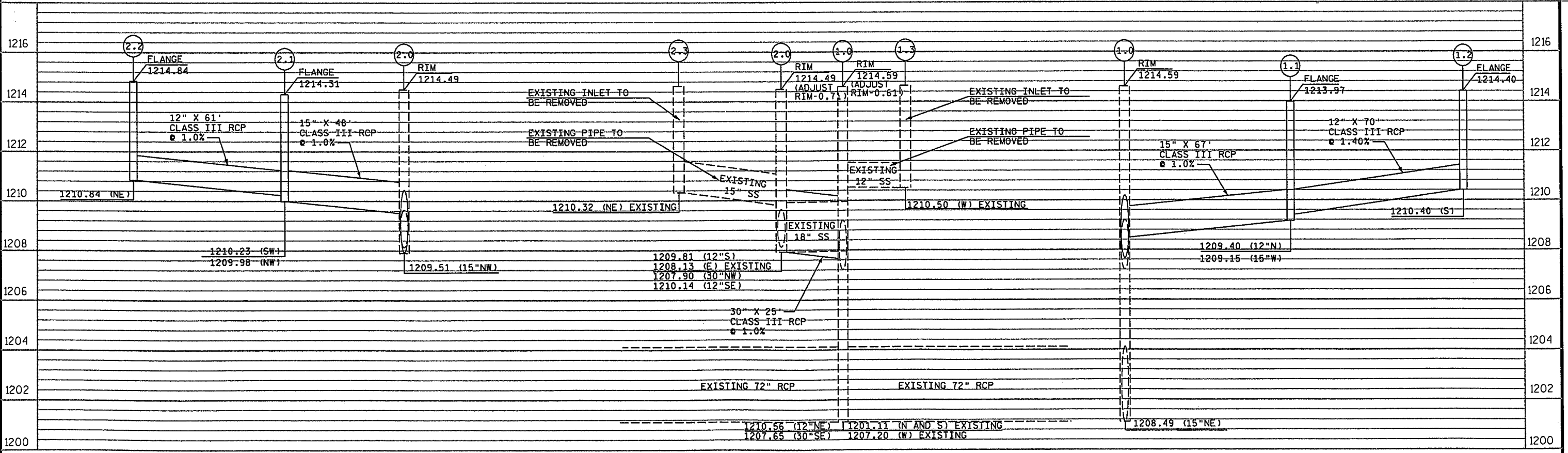
ISLAND INTERIORS SHALL BE MEASURED AND PAID FOR AS CONCRETE SIDEWALK, 5-INCH.

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

STATE PROJECT NUMBER:	HWY: CAMP PHILLIPS ROAD	COUNTY: MARATHON	CONSTRUCTION DETAILS	SCALE, FEET  N/A	SHEET NO: <b>E</b>
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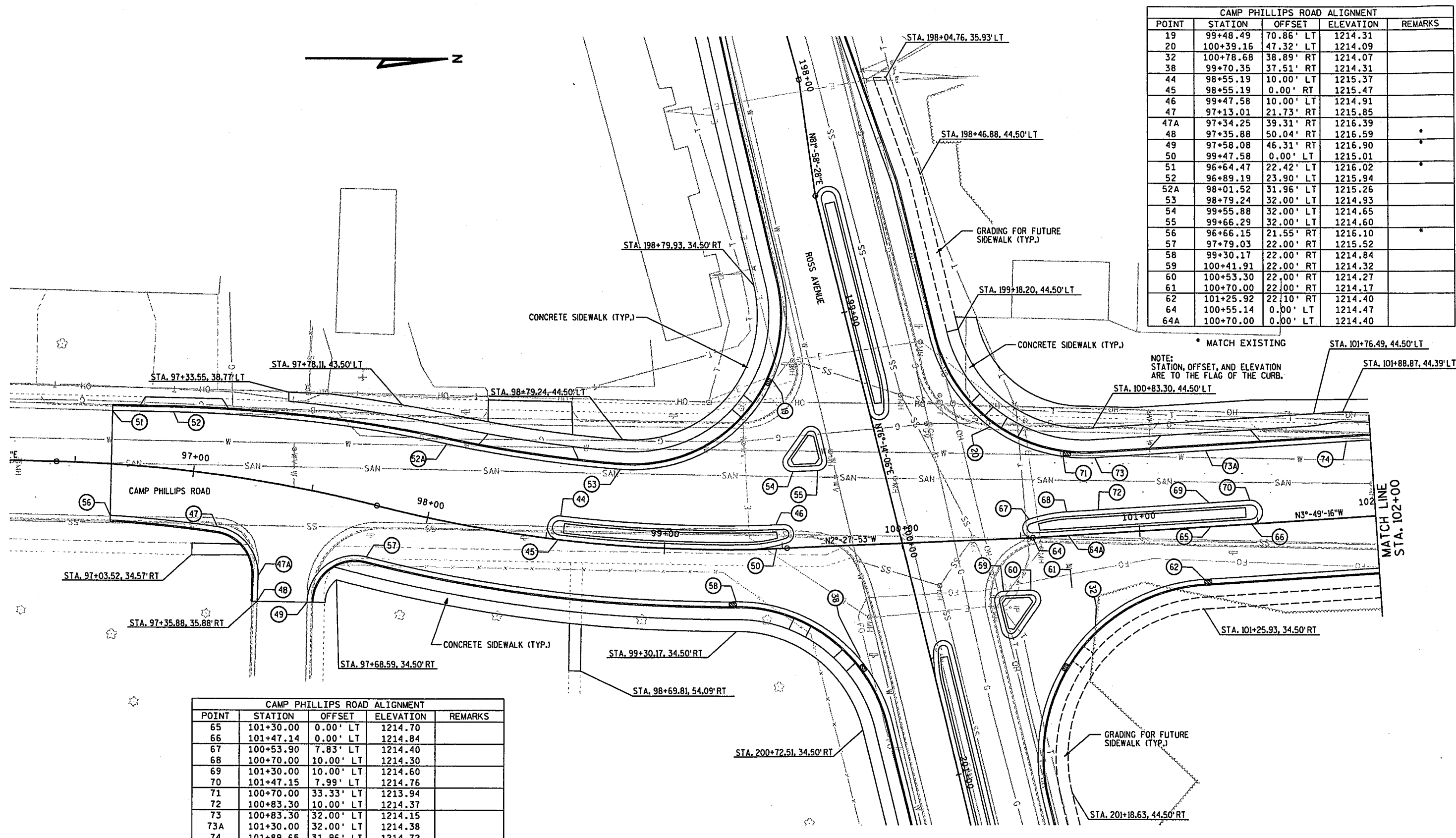
EXISTING CONCRETE CURB  
 NOTE: CONTRACTOR (UNDER RRIQE) FOR PIPE  
 SHALL INCLUDE COST OF CONNECTION TO  
 EXISTING MANHOLES, INCLUDING BLOCK  
 AND MORTAR.



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



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



CAMP PHILLIPS ROAD ALIGNMENT				
POINT	STATION	OFFSET	ELEVATION	REMARKS
19	99+48.49	70.86' LT	1214.31	
20	100+39.16	47.32' LT	1214.09	
32	100+78.68	38.89' RT	1214.07	
38	99+70.35	37.51' RT	1214.31	
44	98+55.19	10.00' LT	1215.37	
45	98+55.19	0.00' RT	1215.47	
46	99+47.58	10.00' LT	1214.91	
47	97+13.01	21.73' RT	1215.85	
47A	97+34.25	39.31' RT	1216.39	*
48	97+35.88	50.04' RT	1216.59	*
49	97+58.08	46.31' RT	1216.90	*
50	99+47.58	0.00' LT	1215.01	
51	96+64.47	22.42' LT	1216.02	*
52	96+89.19	23.90' LT	1215.94	
52A	98+01.52	31.96' LT	1215.26	
53	98+79.24	32.00' LT	1214.93	
54	99+55.88	32.00' LT	1214.65	
55	99+66.29	32.00' LT	1214.60	
56	96+66.15	21.55' RT	1216.10	*
57	97+79.03	22.00' RT	1215.52	
58	99+30.17	22.00' RT	1214.84	
59	100+41.91	22.00' RT	1214.32	
60	100+53.30	22.00' RT	1214.27	
61	100+70.00	22.00' RT	1214.17	
62	101+25.92	22.10' RT	1214.40	
64	100+55.14	0.00' LT	1214.47	
64A	100+70.00	0.00' LT	1214.40	

CAMP PHILLIPS ROAD ALIGNMENT				
POINT	STATION	OFFSET	ELEVATION	REMARKS
65	101+30.00	0.00' LT	1214.70	
66	101+47.14	0.00' LT	1214.84	
67	100+53.90	7.83' LT	1214.40	
68	100+70.00	10.00' LT	1214.30	
69	101+30.00	10.00' LT	1214.60	
70	101+47.15	7.99' LT	1214.76	
71	100+70.00	33.33' LT	1213.94	
72	100+83.30	10.00' LT	1214.37	
73	100+83.30	32.00' LT	1214.15	
73A	101+30.00	32.00' LT	1214.38	
74	101+89.65	31.96' LT	1214.72	

\* MATCH EXISTING

NOTE:  
STATION, OFFSET, AND ELEVATION  
ARE TO THE FLAG OF THE CURB.

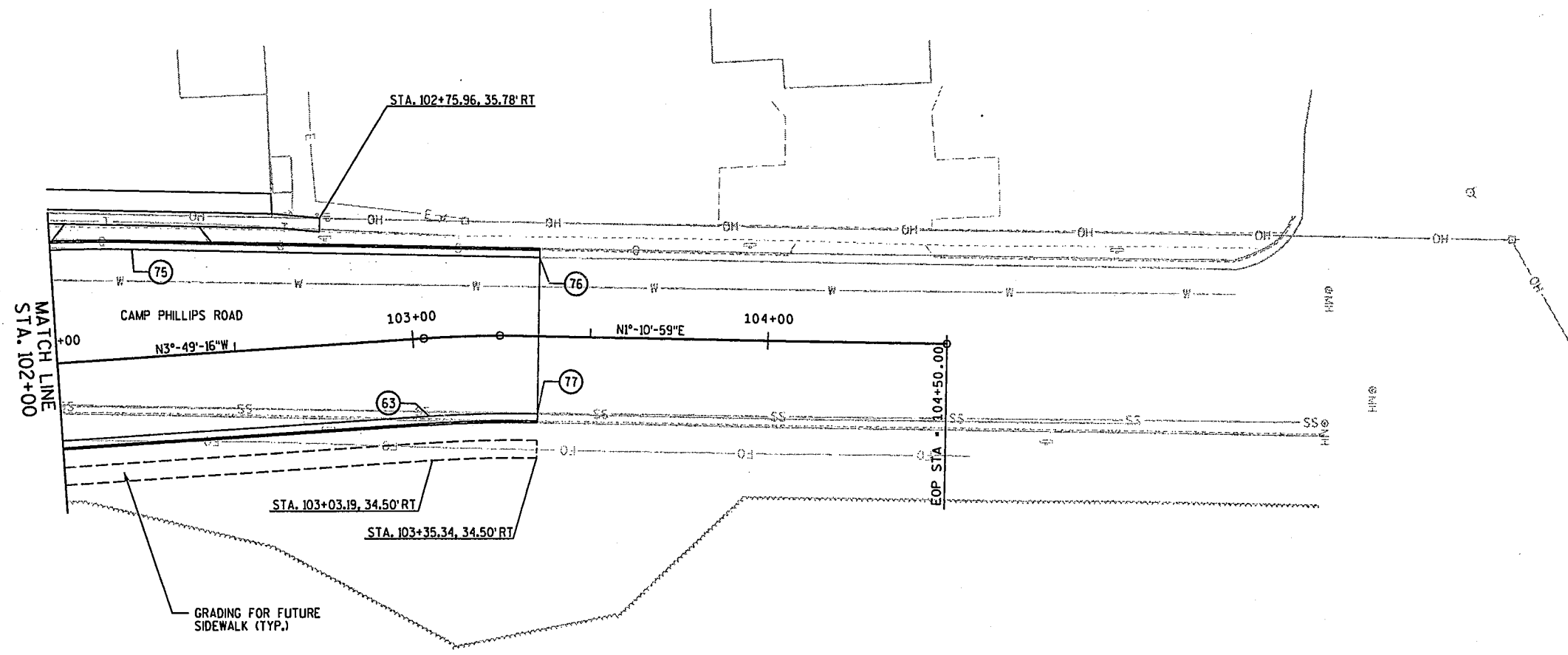
CAMP PHILLIPS ROAD ALIGNMENT				
POINT	STATION	OFFSET	ELEVATION	REMARKS
63	103+03.18	22.00' RT	1215.81	
75	102+23.22	30.49' LT	1215.01	
76	103+35.33	22.22' LT	1216.11	*
77	103+35.35	21.84' RT	1216.11	*

\* MATCH EXISTING

NOTE:  
STATION, OFFSET, AND ELEVATION  
ARE TO THE FLAG OF THE CURB.



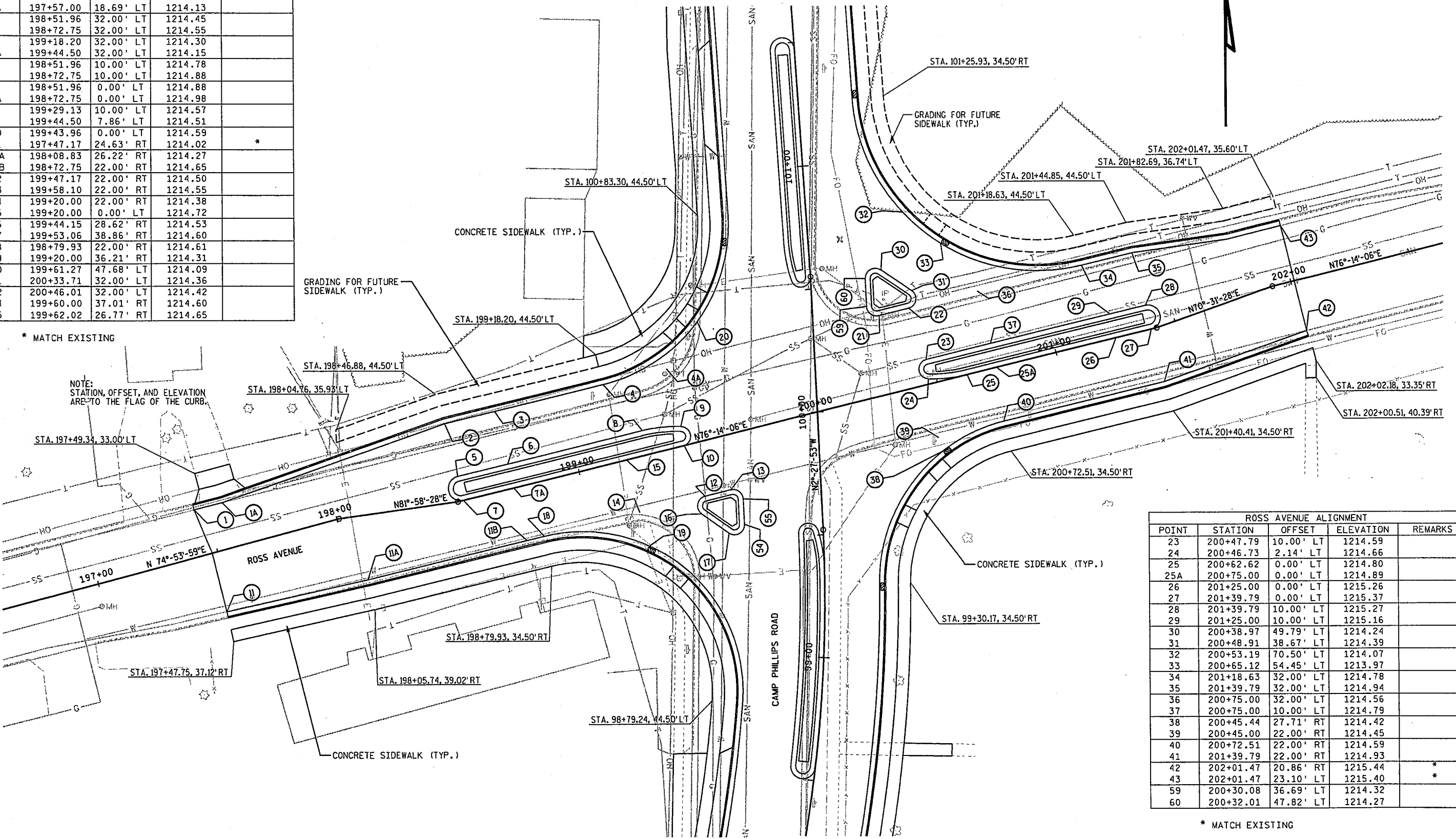
LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



ROSS AVENUE ALIGNMENT				
POINT	STATION	OFFSET	ELEVATION	REMARKS
1	197+45.25	18.88' LT	1214.04	*
1A	197+57.00	18.69' LT	1214.13	
2	198+51.96	32.00' LT	1214.45	
3	198+72.75	32.00' LT	1214.55	
4	199+18.20	32.00' LT	1214.30	
4A	199+44.50	32.00' LT	1214.15	
5	198+51.96	10.00' LT	1214.78	
6	198+72.75	10.00' LT	1214.88	
7	198+51.96	0.00' LT	1214.88	
7A	198+72.75	0.00' LT	1214.98	
8	199+29.13	10.00' LT	1214.57	
9	199+44.50	7.86' LT	1214.51	
10	199+43.96	0.00' LT	1214.59	
11	197+47.17	24.63' RT	1214.02	*
11A	198+08.83	26.22' RT	1214.27	
11B	198+72.75	22.00' RT	1214.65	
12	199+47.17	22.00' RT	1214.50	
13	199+58.10	22.00' RT	1214.55	
14	199+20.00	22.00' RT	1214.38	
15	199+20.00	0.00' LT	1214.72	
16	199+44.15	28.62' RT	1214.53	
17	199+53.06	38.86' RT	1214.60	
18	198+79.93	22.00' RT	1214.61	
19	199+20.00	36.21' RT	1214.31	
20	199+61.27	47.68' LT	1214.09	
21	200+33.71	32.00' LT	1214.36	
22	200+46.01	32.00' LT	1214.42	
54	199+60.00	37.01' RT	1214.60	
55	199+62.02	26.77' RT	1214.65	

\* MATCH EXISTING

NOTE:  
STATION, OFFSET, AND ELEVATION  
ARE TO THE FLAG OF THE CURB.



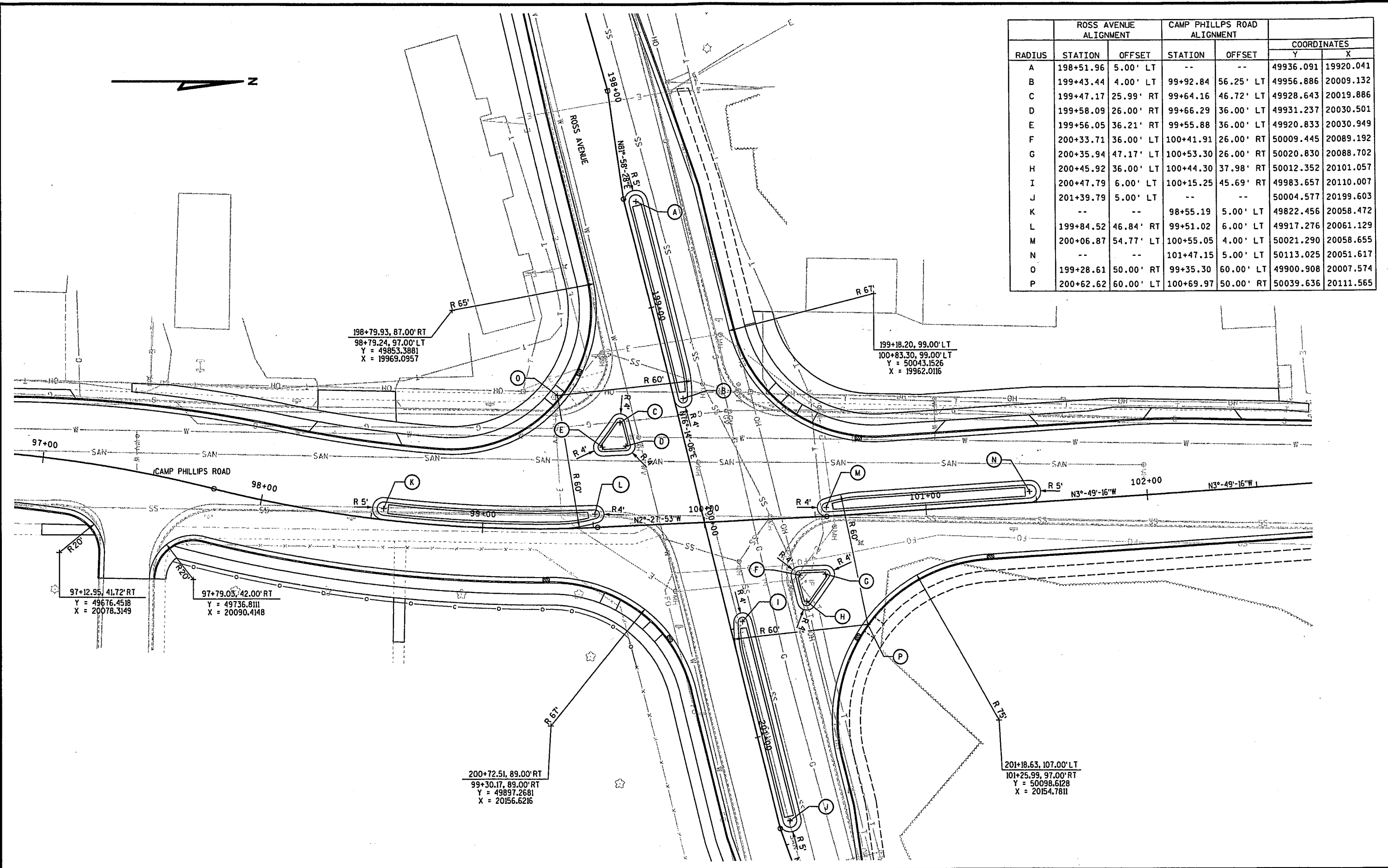
ROSS AVENUE ALIGNMENT				
POINT	STATION	OFFSET	ELEVATION	REMARKS
23	200+47.79	10.00' LT	1214.59	
24	200+46.73	2.14' LT	1214.66	
25	200+62.62	0.00' LT	1214.80	
25A	200+75.00	0.00' LT	1214.89	
26	201+25.00	0.00' LT	1215.26	
27	201+39.79	0.00' LT	1215.37	
28	201+39.79	10.00' LT	1215.27	
29	201+25.00	10.00' LT	1215.16	
30	200+38.97	49.79' LT	1214.24	
31	200+48.91	38.67' LT	1214.39	
32	200+53.19	70.50' LT	1214.07	
33	200+65.12	54.45' LT	1213.97	
34	201+18.63	32.00' LT	1214.78	
35	201+39.79	32.00' LT	1214.94	
36	200+75.00	32.00' LT	1214.56	
37	200+75.00	10.00' LT	1214.79	
38	200+45.44	27.71' RT	1214.42	
39	200+45.00	22.00' RT	1214.45	
40	200+72.51	22.00' RT	1214.59	
41	201+39.79	22.00' RT	1214.93	
42	202+01.47	20.86' RT	1215.44	*
43	202+01.47	23.10' LT	1215.40	*
59	200+30.08	36.69' LT	1214.32	
60	200+32.01	47.82' LT	1214.27	

\* MATCH EXISTING

NOTE:  
STATION, OFFSET, AND ELEVATION  
ARE TO THE FLAG OF THE CURB.

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

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



RADIUS	ROSS AVENUE ALIGNMENT		CAMP PHILLIPS ROAD ALIGNMENT		COORDINATES	
	STATION	OFFSET	STATION	OFFSET	Y	X
A	198+51.96	5.00' LT	--	--	49936.091	19920.041
B	199+43.44	4.00' LT	99+92.84	56.25' LT	49956.886	20009.132
C	199+47.17	25.99' RT	99+64.16	46.72' LT	49928.643	20019.886
D	199+58.09	26.00' RT	99+66.29	36.00' LT	49931.237	20030.501
E	199+56.05	36.21' RT	99+55.88	36.00' LT	49920.833	20030.949
F	200+33.71	36.00' LT	100+41.91	26.00' RT	50009.445	20089.192
G	200+35.94	47.17' LT	100+53.30	26.00' RT	50020.830	20088.702
H	200+45.92	36.00' LT	100+44.30	37.98' RT	50012.352	20101.057
I	200+47.79	6.00' LT	100+15.25	45.69' RT	49983.657	20110.007
J	201+39.79	5.00' LT	--	--	50004.577	20199.603
K	--	--	98+55.19	5.00' LT	49822.456	20058.472
L	199+84.52	46.84' RT	99+51.02	6.00' LT	49917.276	20061.129
M	200+06.87	54.77' LT	100+55.05	4.00' LT	50021.290	20058.655
N	--	--	101+47.15	5.00' LT	50113.025	20051.617
O	199+28.61	50.00' RT	99+35.30	60.00' LT	49900.908	20007.574
P	200+62.62	60.00' LT	100+69.97	50.00' RT	50039.636	20111.565













LEGEND

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| PM-Y PAVEMENT MARKING, 4-INCH, EPOXY (YELLOW)              | CW-6 PAVEMENT MARKING, CROSSWALK, 6-INCH, EPOXY  |
| PM-DY PAVEMENT MARKING, 4-INCH, EPOXY (DOUBLE YELLOW)      | SL-18 PAVEMENT MARKING, STOPLINE, 18-INCH, EPOXY |
| PM-W PAVEMENT MARKING, 4-INCH, EPOXY (WHITE)               | CB-Y PAVEMENT MARKING, CURB, EPOXY               |
| CB-W PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE) | DI-Y PAVEMENT MARKING, DIAGONAL, 8-INCH EPOXY    |
| PM-Y PAVEMENT MARKING, 4-INCH, EPOXY (YELLOW)              | CR-Y PAVEMENT MARKING, CURB RAMP, EPOXY          |
- NOTE: SEE STANDARD DETAIL DRAWINGS FOR MEDIAN, CURB, ISLAND NOSES AND SMALL ISLAND PAVEMENT MARKING.

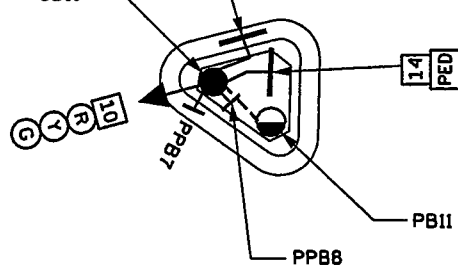
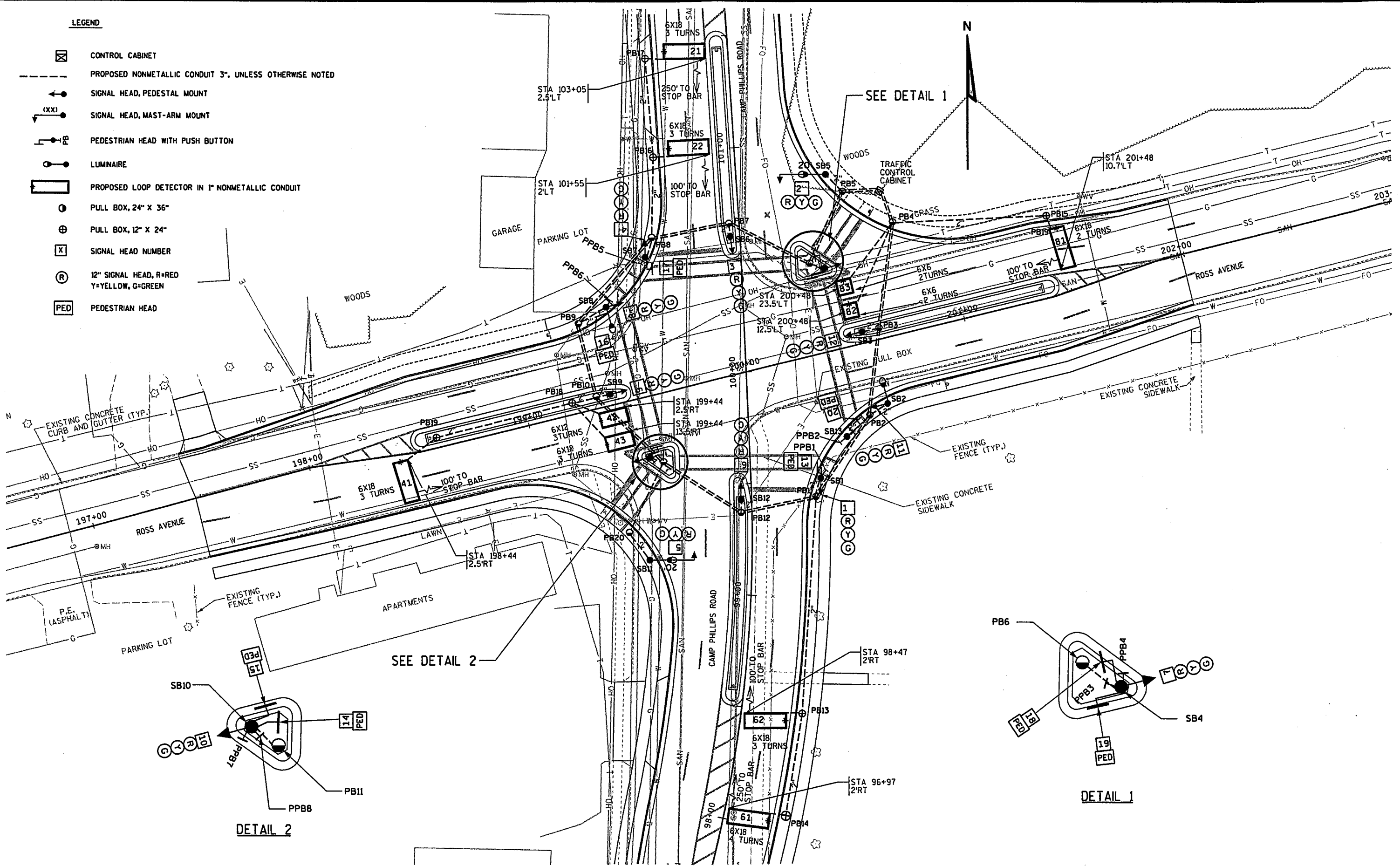


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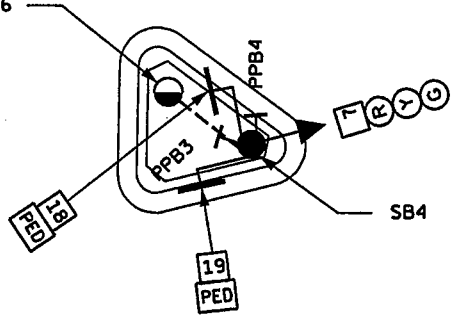
**LEGEND**

-  CONTROL CABINET
-  PROPOSED NONMETALLIC CONDUIT 3", UNLESS OTHERWISE NOTED
-  SIGNAL HEAD, PEDESTAL MOUNT
-  SIGNAL HEAD, MAST-ARM MOUNT
-  PEDESTRIAN HEAD WITH PUSH BUTTON
-  LUMINAIRE
-  PROPOSED LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
-  PULL BOX, 24" X 36"
-  PULL BOX, 12" X 24"
-  SIGNAL HEAD NUMBER
-  12" SIGNAL HEAD, R=RED  
Y=YELLOW, G=GREEN
-  PEDESTRIAN HEAD

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



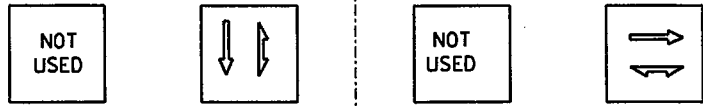
**DETAIL 2**



**DETAIL 1**

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

SEQUENCE OF OPERATION

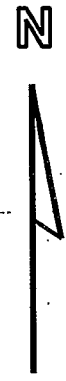


HEAD NUMBERS	01 CLEAR TO			02 CLEAR TO			03 CLEAR TO			04 CLEAR TO		
	R/W	**		R/W	**		R/W	**		R/W	**	
01												
02	4,5,6			G	Y	R				R	R	R
03												
04	10,11,12			R	R	R				G	Y	R
05												
06	1,2,3			R	R	R				R	R	R
07												
08	7,8,9			R	R	R				R	R	R
02P	13,14			DW	DWDW					*	DWDW	
04P	15,16			*	DWDW					DW	DWDW	
06P	17,18			DW	DWDW					DW	DWDW	
08P	19,20			DW	DWDW					DW	DWDW	

FLASH



HEAD NUMBERS	05 CLEAR TO			06 CLEAR TO			07 CLEAR TO			08 CLEAR TO		
	R/W	**		R/W	**		R/W	**		R/W	**	
01												
02	4,5,6			R	R	R				R	R	R
03												
04	10,11,12			R	R	R				R	R	R
05												
06	1,2,3			G	Y	R				R	R	R
07												
08	7,8,9			R	R	R				G	Y	R
02P	13,14			DW	DWDW					DW	DWDW	
04P	15,16			DW	DWDW					DW	DWDW	
06P	17,18			*	DWDW					DW	DWDW	
08P	19,20			DW	DWDW					*	DWDW	



BARRIER

\*\* CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE CHART 1 BELOW)  
 \* WHEN CALLED, TIMED STEADY WALKING PERSON, THEN FLASHING UPRAISED HAND, THEN GOES TO STEADY UPRAISED HAND.

CHART 1

PHASE ON	NONCONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
01	-	
02	6	4, 8
03	-	
04	8	2, 6
05	-	
06	2	4, 8
07	-	
08	4	2, 6

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL NUMBER	DETECTOR OPERATION			PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS
		CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY							
21	1	X			2	2				6'X18'	3
22	2	X			2	2				6'X18'	3
41	3			X		4				6'X18'	3
42	4	X			4	4				6'X12'	3
43	4	X			4	4	X			6'X12'	3
61	5	X			6	6				6'X18'	4
62	6	X			6	6				6'X18'	3
81	7			X		8				6'X18'	2
82	8	X			8	8				6'X6'	2
83	8	X			8	8	X			6'X6'	2

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL
1			
2	X	W/Ø6	MIN.
3			
4	X	W/Ø8	
5			
6	X	W/Ø2	MIN.
7			
8	X	W/Ø4	

OVERLAPS

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

TYPE OF INTERCONNECT	
NONE	X
TBC	
CLOSED LOOP	
HARDWIRE	
TONE (FREQ)	

TYPE OF PRE-EMPT	
NONE	X
RAILROAD	
EMERGENCY VEHICLE	

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

GENERAL NOTES:

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

SEQUENCE OF OPERATION  
 CAMP PHILLIPS ROAD &  
 ROSS AVE. INTERSECTION

SIGNAL NO. \_\_\_\_\_

DATE \_\_\_\_\_ SHEET NO. OF \_\_\_\_\_

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

CAMP PHILLIPS RD & ROSS AVE INTERSECTION  
TRAFFIC SIGNAL CABLING CHART  
NO. 14 CABLE

CABLE RUN	CABLE	HEAD NO.	MOV'T	LENS	CONDUCTOR COLOR
CAB TO SB3	5/C	12	WB	R	R
				Y	O
				G	G
CAB TO SB2	7/C	11	WB	R	R
				Y	O
				G	G
		20	E X-WLK	DW	BLK
				WLK	W/BLK
				-	BLUE
CAB TO SB1	7/C	1	NB	R	R
				Y	O
				G	G
		13	S X-WLK	DW	BLK
				WLK	W/BLK
				-	BLUE
CAB TO SB12	5/C	6	SB	R	R
				Y	O
				G	G
CAB TO SB11	5/C	5	SB	R	R
				Y	O
				G	G
CAB TO SB10	12/C	10	EB	R	R
				Y	O
				G	G
		14	S X-WLK	DW	BLK
				W	W/BLK
				-	BLUE
		15	W X-WLK	DW	BLK/W
				W	R/W
				-	BLUE/W
PPB7	W X-WLK	-	BLUE/W		

CAMP PHILLIPS RD & ROSS AVE INTERSECTION  
TRAFFIC SIGNAL CABLING CHART  
NO. 14 CABLE

CABLE RUN	CABLE	HEAD NO.	MOV'T	LENS	CONDUCTOR COLOR
CAB TO SB9	5/C	9	EB	R	R
				Y	O
				G	G
CAB TO SB8	7/C	8	EB	R	R
				Y	O
				G	G
		16	W X-WLK	DW	BLK
				W	W/BLK
				-	BLUE
CAB TO SB7	7/C	4	SB	R	R
				Y	O
				G	G
		17	N X-WLK	DW	BLK
				W	W/BLK
				-	BLUE
CAB TO SB6	5/C	3	NB	R	R
				Y	O
				G	G
CAB TO SB5	5/C	2	NB	R	R
				Y	O
				G	G
CAB TO SB4	12/C	7	WB	R	R
				Y	O
				G	G
		18	N X-WLK	DW	BLK
				W	W/BLK
				-	BLUE
		19	E X-WLK	DW	BLK/W
				W	R/BLK
				-	BLUE/W
PPB4	E X-WLK	-	BLUE/W		

CAMP PHILLIPS RD & ROSS AVE INTERSECTION  
LIGHTING CABLING CHART  
NO. 12 UF W/GROUND

CABLE	CABLE RUN	LUMINAIRE LOCATION
2/C WITH GROUND	CABINET TO SB5	NE QUADRANT
	CABINET TO SB8	NW QUADRANT
	CABINET TO SB2	SE QUADRANT
	CABINET TO SB11	SW QUADRANT

EQUIPMENT GROUNDING CONDUCTOR, NO. 10 AW G, XLP (STRANDED)		
FROM		TO
SB1	-	PB1
SB2	-	PB2
SB3	-	PB3
SB4	-	PB6
SB5	-	PB5
SB6	-	PB7
SB7	-	PB8
SB8	-	PB9
SB9	-	PB10
SB10	-	PB11
SB11	-	PB20
SB12	-	PB12
SB13	-	PB2

GROUNDED CONDUCTOR, NO. 10 AW G, XLP (STRANDED)		
FROM		TO
CB	-	SB5
SB5	-	SB4
SB4	-	SB6
SB6	-	SB7
SB7	-	SB8
SB8	-	SB9
SB9	-	SB10
SB10	-	SB11
SB10	-	SB12
SB12	-	SB1
SB1	-	SB13
SB13	-	SB2
SB2	-	SB3
SB3	-	CB

LIGHTING CABLE, TYPE UF 2 CONDUCTOR, NO. 12 AW G, GROUNDED		
FROM		TO
CB	-	SB5
SB5	-	SB8
CB	-	SB2
SB2	-	SB11

LEVELS ON - 172, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

**CLEARING & GRUBBING**

STATION	STATION	LOCATION	(20101) CLEARING STA.	(20102) CLEARING I.D.	(20104) GRUBBING STA.	(20105) GRUBBING I.D.
100+50	101+50	-	1	-	1	-
98+36	-	36' RT	-	24	-	24
98+92	-	31' RT	-	10	-	10
99+42	-	30' RT	-	6	-	6
<b>TOTAL</b>			<b>1</b>	<b>40</b>	<b>1</b>	<b>40</b>

**CRUSHED AGGREGATE BASE COURSE**

STATION	STATION	LOCATION	(30404) CRUSHED AGGREGATE BASE COURSE TONS
96+65	103+35	LT & RT	3375
197+47	199+64	LT & RT	1245
200+25	202+01	LT & RT	1065
UNDISTR			285
<b>TOTAL</b>			<b>5970</b>

**CONCRETE SIDEWALK, 5-INCH**

STATION	STATION	LOCATION	(60205) 5-INCH S.F.
97+34	98+19	LT	412
98+57	99+47	LT	664
98+57	99+48	MEDIAN, LT	355
97+03	97+25	RT	97
97+61	99+85	RT	1481
100+23	101+12	LT	618
100+58	101+45	MEDIAN, LT	343
101+49	102+05	LT	253
102+42	102+76	LT	134
197+47	198+80	RT	660
198+54	199+40	MEDIAN, LT	341
199+47	199+59	ISLAND, RT	89
200+33	200+46	ISLAND, LT	104
200+51	201+38	MEDIAN, LT	343
200+73	202+02	RT	676
<b>TOTALS</b>			<b>6750</b>

**EXCAVATION**

STATION	STATION	LOCATION	(20501) COMMON EXCAVATION		
			CUT C.Y.	FILL C.Y.	WASTE C.Y.
96+65	103+35	LT & RT	3422	4	3418
197+47	199+64	LT & RT	965	6	959
200+25	202+01	LT & RT	898	1	897
<b>TOTAL</b>			<b>5285</b>	<b>11</b>	<b>5274</b>

**CONCRETE CURB & GUTTER, 30-INCH, TYPE D**

STATION	STATION	LOCATION	(60133) L.F.
96+64	99+53	LT	332
96+66	97+34	RT	82
97+60	99+91	RT	277
100+17	103+35	LT	346
100+04	103+35	RT	335
197+45	199+18	LT	174
197+47	198+80	RT	132
201+19	202+01	LT	83
200+73	202+01	RT	129
<b>TOTAL</b>			<b>1890</b>

**REINFORCED CONCRETE PIPE, CLASS III, STORM SEWER, 12-INCH, 15-INCH, AND 30-INCH**

STATION	STATION	STRUCTURE I.D. FROM TO	(60825) CLASS III 12" (L.F.)	(60826) CLASS III 15" (L.F.)	(60831) CLASS III 30" (L.F.)
200+05	200+21	1.0 2.0	-	-	25
100+30	200+68	1.1 1.0	-	67	-
101+27	200+68	1.2 1.1	70	-	-
200+48	100+15	2.1 2.0	48	-	-
99+29	100+15	2.2 2.1	-	61	-
100+72	199+39	3.1 3.0	74	-	-
199+20	199+39	3.2 3.0	56	-	-
<b>TOTALS</b>			<b>248</b>	<b>128</b>	<b>25</b>

**REMOVING CURB AND GUTTER**

STATION	STATION	LOCATION	(20405) L.F.
96+64	99+60	LT	300
96+66	99+85	RT	349
100+11	103+35	LT	340
100+36	103+35	RT	316
197+45	199+30	LT	185
197+47	199+20	RT	172
200+36	202+01	LT	165
200+19	202+01	RT	183
<b>TOTAL</b>			<b>2010</b>

**RECONSTRUCTING MANHOLES**

STATION	LOCATION	EACH	REMARKS
199+56	RT	1	WATERMAIN
<b>TOTAL</b>		<b>1</b>	

**ADJUSTING MANHOLE COVERS**

STATION	LOCATION	EACH	REMARKS
99+98	LT	1	SANITARY
100+15	RT	1	STORM
100+30	RT	1	STORM
101+99	LT	1	SANITARY
199+39	LT	1	STORM
<b>TOTAL</b>		<b>5</b>	

**REMOVING CONCRETE SIDEWALK**

STATION	STATION	LOCATION	(20406) S.Y.
97+34	99+55	LT	97
97+03	99+75	RT	169
100+25	102+76	LT	105
<b>TOTAL</b>			<b>370</b>

**REMOVING FENCE**

STATION	STATION	LOCATION	(20412) L.F.
97+66	99+65	RT	235
<b>TOTAL</b>			<b>235</b>

**REMOVING INLETS**

STATION	LOCATION	EACH	(20416)
100+37	16' RT	1	
99+81	6' RT	1	
199+15	24' RT	1	
199+47	29' LT	1	
<b>TOTAL</b>		<b>4</b>	

**CONCRETE DRIVEWAYS, 6-INCH**

STATION	LOCATION	(41605) S.Y.
96+93	LT	14
98+38	LT	41
101+30	LT	44
102+25	LT	36
197+57	LT	10
<b>TOTAL</b>		<b>145</b>

**CHAIN LINK FENCE, 6 FT.**

STATION	STATION	LOCATION	(61612) L.F.
97+67	99+66	RT	225
<b>TOTAL</b>			<b>225</b>

**CHAIN LINK FENCE, GATES, 10 FT.**

STATION	LOCATION	EACH	(61620)
201+96	50' RT	1	
<b>TOTAL</b>		<b>1</b>	

**INLETS AND INLET COVERS**

STATION	LOCATION	STRUCTURE I.D.	(61122) INLET TYPE 3 EACH	(61167) INLET COVER TYPE H EACH
200+67.59	54.83' LT	1.1	1	1
101+27.43	24.00' RT	1.2	1	1
200+47.59	28.98' RT	2.1	1	1
99+28.72	24.00' RT	2.2	1	1
100+71.83	35.04' LT	3.1	1	1
199+20.36	38.71' RT	3.2	1	1
<b>TOTAL</b>			<b>6</b>	<b>6</b>

**ASPHALTIC ITEMS**

STATION	STATION	LOCATION	(40204)	(40301)	(40501)	(40723)	REMARKS
			ASPHALTIC MATERIAL FOR TACK COAT GAL	QMP ASPHALTIC MIXTURE TONS	ASPHALTIC MATERIAL FOR PLANT MIXES PG 64-22 TONS	ASPHALTIC CONC. PAVEMENT, TYPE E-3 TONS	
96+65	103+35	LT & RT	112	1136	68.2	1136	
98+37	-	LT	1	9	0.5	9	PE
100+30	102+62	LT	5	40	2.5	40	PARKING LOT
197+47	199+67	LT & RT	38	433	26.0	433	
197+55	-	LT	1	4	0.3	4	PE
200+22	202+01	LT & RT	32	372	22.5	372	
<b>TOTAL</b>			<b>189</b>	<b>1994</b>	<b>120.0</b>	<b>1994</b>	

**CONCRETE MEDIAN SLOPED NOSE**

STATION	LOCATION	(62003) S.F.
98+55	LT	60
99+50	LT	50
99+55	LT	5
99+67	LT	5
199+46	RT	5
100+41	RT	5
100+54	RT	5
200+47	LT	5
100+56	LT	50
101+47	LT	60
198+52	LT	60
199+43	LT	50
200+48	LT	60
201+40	LT	50
<b>TOTAL</b>		<b>470</b>

**CONCRETE CURB & GUTTER, 36-INCH, TYPE D, MODIFIED**


STATION	STATION	LOCATION	(90030D) L.F.
98+57	99+48	MEDIAN, LT	180
100+58	101+45	MEDIAN, LT	175
198+54	199+41	MEDIAN, LT	174
199+47	199+59	ISLAND, RT	36
200+33	200+46	ISLAND, LT	40
200+51	201+38	MEDIAN, LT	175
<b>TOTAL</b>			<b>780</b>

STATE PROJECT NUMBER:

HWY: CAMP PHILLIPS ROAD

COUNTY: MARATHON

MISCELLANEOUS QUANTITIES

SCALE, FEET 

SHEET NO: **E**

62.63  
 LEVELS ON 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59

SILT FENCE, DELIVERED, INSTALLED, AND MAINTENANCE

STATION	STATION	DESCRIPTION	(62815) DELIVERED L.F.	(62816) INSTALLED L.F.	(62817) MAINTENANCE L.F.
103+35	202+24	RT & LT	270	270	540
197+13	197+47	RT	50	50	100
197+67	198+30	LT	70	70	140
202+22		RT	20	20	40
UNDISTRIBUTED			90	90	180
TOTALS			500	500	1000

INLET PROTECTION, TYPES A AND C

STATION	LOCATION	(62870) TYPE A	(62872) TYPE C
200+67	LT	1	1
101+27	RT	1	1
200+48	RT	1	1
99+29	RT	1	1
100+72	LT	1	1
199+20	RT	1	1
TOTALS		6	6

SAWING EXISTING PAVEMENT

STATION	STATION	LOCATION	(66501) L.F.
96+65		LT & RT	49
97+33	97+61	RT	26
98+16	98+54	LT	35
100+30	102+62	LT	248
197+48		LT & RT	49
197+49	197+64	LT	14
202+01		LT & RT	49
TOTAL			470

REMOVING PULL BOXES

STATION	LOCATION	(90005A) EACH
99+38	30' LT	1
100+57	31' LT	1
100+64	22' RT	1
199+15	26' RT	1
199+39	14' LT	1
200+27	20' RT	1
200+35	32' LT	1
TOTAL		7

REMOVING STORM SEWER, 12-INCH

FROM	TO	(90030A) L.F.
1.3	1.0	16
3.3	3.0	46
3.4	3.0	18
TOTAL		80

REMOVING STORM SEWER, 15-INCH

FROM	TO	(90030B) L.F.
2.3	2.0	40
TOTAL		40

REMOVING STORM SEWER, 18-INCH

FROM	TO	(90030C) L.F.
2.0	1.0	25
TOTAL		25

LAWN SOD

STATION	DESCRIPTION	(63110) S.Y.
UNDISTR		160
TOTALS		160

TOPSOIL, MUELCHING, FERTILIZING, AND SEEDING

STATION	STATION	LOCATION	TOPSOIL		FERTILIZE		SEEDING NO. 40
			(62501) S.Y.	(62702) S.Y.	(62905) TYPE B CWT.	(63011) Lb.	
97+36	99+44	LT	130	130	0.1	2	
98+05	99+93	RT	140	140	0.1	2.5	
100+13	102+00	LT	120	120	0.1	2	
100+65	102+00	RT	260	260	0.2	4.5	
197+55	199+25	LT	100	100	0.1	2	
197+47	198+83	RT	100	100	0.1	2	
201+14	202+54	LT	170	170	0.2	3	
200+70	202+54	RT	130	130	0.1	2	
TOTALS			1150	1150	1.0	20	

SIGNING

STATION	LOCATION	NUMBER	CODE	SIZE	(63702) SIGNS TYPE II	(63401) WOOD POST		(63411) WOOD POST	
						(63702) SIGNS TYPE II	4" X 4" 10 - FT EACH	4" X 6" 14 - FT EACH	
98+58	5' LT	1	R4-7	24" X 30	5.00	1	-	-	
99+44	5' LT	2	R4-7	24" X 30	5.00	-	-	-	
99+42	5' LT	3	R1-1F	30" X 30	6.25	-	-	-	
100+62	5' LT	4	R1-1F	30" X 30	6.25	-	-	-	
99+50	32' RT	5	R1-1F	30" X 30	6.25	-	-	-	
100+60	5' LT	6	R4-7	24" X 30	5.00	-	-	-	
101+44	5' LT	7	R4-7	24" X 30	5.00	1	-	-	
100+54	44' LT	8	R1-1F	30" X 30	6.25	-	-	-	
198+55	5' LT	9	R4-7	24" X 30	5.00	1	-	-	
199+40	5' LT	10	R4-7	24" X 30	5.00	-	-	-	
199+23	45' RT	11	R1-1	30" X 30	6.25	-	-	1	
199+37	5' LT	12	R1-1F	30" X 30	6.25	-	-	-	
199+48	27' RT	13	R1-1F	30" X 30	6.25	-	-	-	
200+46	37' LT	14	R1-1F	30" X 30	6.25	-	-	-	
200+56	5' LT	15	R1-1F	30" X 30	6.25	-	-	-	
199+18	37' LT	16	W4-2R	36" X 36	9.00	-	-	1	
200+53	5' LT	17	R4-7	24" X 30	5.00	-	-	-	
200+85	27' RT	18	W4-2R	36" X 36	9.00	-	-	1	
201+37	5' LT	19	R4-7	24" X 30	5.00	1	-	-	
200+71	56' LT	20	R1-1	30" X 30	6.25	-	-	1	
TOTALS					120.50	4	4	4	

STATION	STATION	LOCATION	(64602) 4-INCH EPOXY L.F.	(64618) CHANNELIZING 8-INCH EPOXY L.F.	(64710) STOP LINE 18-INCH EPOXY L.F.	(64718) CROSSWALK 6-INCH EPOXY L.F.	(64766) DIAGONAL 8-INCH EPOXY L.F.	(64778) CURB EPOXY L.F.	(64782) CURB RAMP EPOXY L.F.	(64790) ISLAND NOSE EPOXY EACH	REMARKS
96+65	96+78	CENTERLINE	25	-	-	-	-	-	-	-	DBL YELLOW
96+78	98+60	LT	366	-	-	-	144	-	-	-	YELLOW
96+65	99+57	LT & RT	149	-	-	-	-	-	-	-	WHITE SKIPS
100+50	103+35	LT & RT	149	-	-	-	-	-	-	-	WHITE SKIPS
101+42	103+17	LT	350	-	-	-	-	-	-	-	YELLOW
103+17	103+35	CENTERLINE	36	-	-	-	134	-	-	-	DBL YELLOW
99+46		RT	-	-	26	-	-	-	-	-	WHITE
100+55		LT	-	-	31	-	-	-	-	-	WHITE
99+58		RT	-	-	-	123	-	-	-	-	WHITE
100+48		LT	-	-	-	130	-	-	-	-	WHITE
197+48	198+01	CENTERLINE	107	-	-	-	-	-	-	-	DBL YELLOW
198+01	188+57	LT	110	-	-	-	30	-	-	-	YELLOW
197+48	199+50	LT & RT	75	-	-	-	-	-	-	-	WHITE SKIPS
200+43	202+01	LT & RT	100	-	-	-	-	-	-	-	WHITE SKIPS
201+35	201+90	LT	110	-	-	-	32	-	-	-	YELLOW
201+90	202+01	LT	23	-	-	-	-	-	-	-	DBL YELLOW
199+28	199+44	RT	-	-	22	-	-	-	-	-	WHITE
199+44		RT	-	-	22	-	-	-	-	-	WHITE
200+48		LT	-	-	22	-	-	-	-	-	WHITE
200+49	200+66	LT	-	-	22	-	-	-	-	-	WHITE
199+33	199+49	RT	-	-	-	44	-	-	-	-	WHITE
199+53		LT & RT	-	-	-	128	-	-	-	-	WHITE
200+40		LT & RT	-	-	-	125	-	-	-	-	WHITE
200+44	200+61	LT	-	-	-	45	-	-	-	-	WHITE
199+38	199+56	RT	-	37	-	-	-	-	-	-	WHITE
200+37	200+55	LT	-	38	-	-	-	-	-	-	WHITE
98+57	98+62	MEDIAN, LT	-	-	-	-	10	-	-	-	YELLOW
99+30	99+48	MEDIAN, LT	-	-	-	-	23	-	-	-	YELLOW
100+58	100+70	MEDIAN, LT	-	-	-	-	22	-	-	-	YELLOW
100+40	100+45	MEDIAN, LT	-	-	-	-	10	-	-	-	YELLOW
198+54	198+59	MEDIAN, LT	-	-	-	-	10	-	-	-	YELLOW
199+24	199+40	MEDIAN, LT	-	-	-	-	22	-	-	-	YELLOW
199+48	199+57	ISLAND, RT	-	-	-	-	31	-	-	-	YELLOW
200+35	200+45	ISLAND, LT	-	-	-	-	35	-	-	-	YELLOW
200+21	200+68	MEDIAN, LT	-	-	-	-	22	-	-	-	YELLOW
201+33	201+38	MEDIAN, LT	-	-	-	-	10	-	-	-	YELLOW
99+57		RT	-	-	-	-	-	16	-	-	YELLOW
100+47		LT	-	-	-	-	-	16	-	-	YELLOW
199+30		RT	-	-	-	-	-	16	-	-	YELLOW
199+53		LT	-	-	-	-	-	16	-	-	YELLOW
199+53		ISLAND, RT	-	-	-	-	-	36	-	-	YELLOW
200+40		ISLAND, LT	-	-	-	-	-	39	-	-	YELLOW
200+41		RT	-	-	-	-	-	16	-	-	YELLOW
98+55		LT	-	-	-	-	-	-	1	-	YELLOW
99+50		LT	-	-	-	-	-	-	1	-	YELLOW
99+55		LT	-	-	-	-	-	-	1	-	YELLOW
99+67		LT	-	-	-	-	-	-	1	-	YELLOW
199+46		RT	-	-	-	-	-	-	1	-	YELLOW
100+41		RT	-	-	-	-	-	-	1	-	YELLOW
100+54		RT	-	-	-	-	-	-	1	-	YELLOW
200+47		LT	-	-	-	-	-	-	1	-	YELLOW
100+56		LT	-	-	-	-	-	-	1	-	YELLOW
101+47		LT	-	-	-	-	-	-	1	-	YELLOW
198+52		LT	-	-	-	-	-	-	1	-	YELLOW
199+43		LT	-	-	-	-	-	-	1	-	YELLOW
200+48		LT	-	-	-	-	-	-	1	-	YELLOW
201+40		LT	-	-	-	-	-	-	1	-	YELLOW
TOTAL			1600	75	145	595	340	195	155	14	

STATE PROJECT NUMBER:

HWY: CAMP PHILLIPS ROAD

COUNTY: MARATHON

MISCELLANEOUS QUANTITIES

SCALE, FEET

SHEET NO:

E

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

EROSION MAT, CLASS 1, URBAN, DELIVERED AND INSTALLED

STATION	DESCRIPTION	(62826) DELIVERED S.Y.	(62827) INSTALLED S.Y.
UNDISTRIBUTED		80	80
TOTALS		80	80

CONSTRUCTION STAKING

STATION	LOCATION	(65040) STORM SEWER SYSTEM EACH	(65045) SUBGRADE L.F.	(65050) CRUSHED AGGREGATE BASE COURSE L.F.	(65055) CURB, GUTTER, AND, CURB AND GUTTER L.F.	(64766) ELECTRICAL L.S.
200+68	55' LT	1	-	-	-	-
101+27	24' RT	1	-	-	-	-
200+48	29' RT	1	-	-	-	-
99+29	24' RT	1	-	-	-	-
100+72	35' LT	1	-	-	-	-
199+20	39' RT	1	-	-	-	-
96+65	103+35	-	670	670	1727	-
197+48	199+67	-	220	220	516	-
200+22	202+01	-	180	180	427	-
	PROJECT	-	-	-	-	1
TOTAL		6	1070	1070	2670	1

TEMPORARY COVER PLATES

STATION	LOCATION	(90591) EACH
99+98	LT	1
100+15	RT	1
100+30	RT	1
101+99	LT	1
199+39	LT	1
TOTAL		5

NONMETALLIC CONDUIT, SCHEDULE 40

FROM	TO	(65219) L.F.	(65221) L.F.
PB1	SB1	8	-
PB1	PB2	-	90
PB2	SB2	10	-
PB2	PB3	-	78
PB2	SB13	13	-
PB3	SB3	8	-
PB3	PB4	-	95
PB4	CABINET	-	28
CABINET	PB5	-	30
PB5	SB5	11	-
PB5	PB6	-	70
PB6	SB4	7	-
PB6	PB7	-	84
PB7	SB6	6	-
PB7	PB8	-	68
PB8	SB7	9	-
PB8	PB9	-	100
PB9	SB8	13	-
PB9	PB10	-	64
PB10	SB9	6	-
PB10	PB11	-	82
PB11	SB10	6	-
PB11	PB20	-	32
PB11	PB12	-	82
PB12	PB12	8	-
PB12	PB1	-	67
PB13	PB1	95	-
PB13	PB14	149	-
PB15	PB4	66	-
PB16	PB8	92	-
PB16	PB17	149	-
PB18	PB10	10	-
PB18	PB19	60	-
PB20	SB11	14	-
TOTALS		740	970

PULL BOXES, STEEL

NO.	STATION	LOCATION	(65301) 12" X 24" EACH	(65307) GROUNDED 24" X 36" EACH
PB1	99+43	29' RT	1	-
PB2	99+78	54' RT	1	-
PB3	200+62	5' LT	1	-
PB4	200+79	50' LT	1	-
PB5	100+77	47' RT	1	-
PB6	100+47	30' RT	1	-
PB7	100+67	5' LT	1	-
PB8	100+62	40' LT	1	-
PB9	199+32	39' LT	1	-
PB10	199+32	5' LT	1	-
PB11	99+59	39' LT	1	-
PB12	99+36	5' LT	1	-
PB13	98+50	27' RT	-	1
PB14	96+97	27' RT	-	1
PB15	201+50	35' LT	-	1
PB16	101+55	37' LT	-	1
PB17	103+05	37' LT	-	1
PB18	198+58	5' LT	-	1
PB19	199+21	5' LT	-	1
PB20	99+28	55' LT	1	-
TOTAL			13	7

STATE PROJECT NUMBER:

HWY: CAMP PHILLIPS ROAD

COUNTY: MARATHON

MISCELLANEOUS QUANTITIES

SCALE, FEET  N/A

SHEET NO:

E

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

TRAFFIC SIGNAL CABLE, NO. 14

FROM	TO	(65524) 5 CONDUCTOR L.F.	(65526) 7 CONDUCTOR L.F.	(65530) 12 CONDUCTOR L.F.
CABINET	SB1	-	157	-
SB1	HEAD 1	-	18	-
SB1	HEAD 13	-	10	-
SB1	PPB1	-	5	-
CABINET	SB2	-	113	-
SB2	HEAD 11	-	18	-
SB2	HEAD 20	-	12	-
SB2	PPB2	-	5	-
CABINET	SB3	71	-	-
SB3	HEAD 12	18	-	-
CABINET	SB4	-	-	67
SB4	HEAD 7	-	-	18
SB4	HEAD 18	-	-	12
SB4	PPB3	-	-	5
SB4	HEAD 19	-	-	12
SB4	PPB4	-	-	5
CABINET	SB5	25	-	-
SB5	HEAD 2	40	-	-
CABINET	SB6	92	-	-
SB6	HEAD 3	18	-	-
CABINET	SB7	-	128	-
SB7	HEAD 4	-	18	-
SB7	HEAD 17	-	12	-
SB7	PPB5	-	5	-
CABINET	SB8	-	188	-
SB8	HEAD 8	-	18	-
SB8	HEAD 16	-	12	-
SB8	PPB6	-	5	-
CABINET	SB9	207	-	-
SB9	HEAD 9	18	-	-
CABINET	SB10	-	-	229
SB10	HEAD 10	-	-	18
SB10	HEAD 14	-	-	12
SB10	PPB8	-	-	5
SB10	HEAD 15	-	-	12
SB10	PPB7	-	-	5
CABINET	SB11	268	-	-
SB11	HEAD 5	40	-	-
CABINET	SB12	194	-	-
SB12	HEAD 6	18	-	-
<b>SUBTOTALS</b>		<b>1009</b>	<b>724</b>	<b>400</b>
<b>TOTALS</b>			<b>2133</b>	

ELECTRICAL WIRE, TRAFFIC SIGNALS NO. 10

FROM	TO	(65557) GROUNDING CONDUCTOR WHITE L.F.	(65557) EQUIPMENT GROUNDING CONDUCTOR GREEN L.F.
CABINET	SB5	27	27
SB5	PB5	-	11
SB5	SB4	53	53
SB4	PB6	-	12
SB4	SB6	55	55
SB6	PB7	-	6
SB6	SB7	48	48
SB7	PB8	-	9
SB7	SB8	74	74
SB8	PB9	-	13
SB8	SB9	51	51
SB9	PB10	-	7
SB9	SB10	58	58
SB10	PB11	-	12
SB10	SB11	58	58
SB11	PB12	-	14
SB10	SB12	58	58
SB12	PB12	-	7
SB12	SB1	49	49
SB1	PB1	-	8
SB1	SB13	67	67
SB13	PB2	-	13
SB13	SB2	23	23
SB2	PB2	-	10
SB2	SB3	58	58
SB3	PB3	-	8
SB3	CABINET	71	71
<b>SUBTOTALS</b>		<b>750</b>	<b>880</b>
<b>TOTALS</b>			<b>1630</b>

LOOP DETECTOR

LOOP NO.	STATION	LOCATION	SIZE	TURNS	(65250) CONDUIT L.F.	(65255) SLOTS L.F.	(65580) LEAD IN CABLE L.F.	(65585) WIRE L.F.
21	103+05	2.5' LT	6' X 18'	3	56	55	362	153
22	101+55	2.0' LT	6' X 18'	3	56	-	211	153
41	198+44	2.5' RT	6' X 18'	3	65	-	276	160
42	199+44	2.5' RT	6' X 12'	3	49	-	215	120
43	199+44	13.5' RT	6' X 12'	3	57	-	215	129
61	96+97	2.0' RT	6' X 18'	4	56	55	391	200
62	98+47	2.0' RT	6' X 18'	3	56	-	240	153
81	201+48	10.7' LT	6' X 18'	2	58	-	80	105
82	200+48	12.5' LT	6' X 6'	2	67	-	15	87
83	200+48	23.5' LT	6' X 6'	2	60	-	15	80
<b>TOTAL</b>					<b>580</b>	<b>110</b>	<b>2020</b>	<b>1340</b>

LIGHTING CABLE & WIRE

FROM	TO	(65545) TYPE UF CABLE 2 CONDUCTOR NO. 12 GROUNDED L.F.	(65566) ELECTRICAL WIRE LIGHTING NO. 12 L.F.
CABINET	SB5	28	-
SB5	LUMINAIRE	-	50
CABINET	SB8	188	-
SB8	LUMINAIRE	-	50
CABINET	SB2	113	-
SB2	LUMINAIRE	-	50
CABINET	SB11	266	-
SB11	LUMINAIRE	-	50
<b>TOTAL</b>		<b>592</b>	<b>200</b>

INTERSECTION ITEM

STATION	LOCATION	(65419) CONCRETE CONTROL CABINET BASE TYPE 9 SPECIAL EACH	(65615) ELECTRICAL SERVICE, METER BREAKER PEDESTAL L.S.	(65850) TRAFFIC SIGNAL MOUNTING HARDWARE L.S.	(90859) TRAFFIC SIGNAL CONTROLLER, FULLY ACTUATED, 8 PHASE EACH
100+76	63' RT	1	1	-	1
PROJECT		-	-	1	-
<b>TOTAL</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

CONCRETE BASES

NO.	STATION	LOCATION	(65401) TYPE 1 EACH	(65402) TYPE 2 EACH
SB1	99+51	31' RT	1	-
SB2	200+58	29' RT	-	1
SB3	200+54	5' LT	1	-
SB4	200+45	37' LT	1	-
SB5	100+86	40' RT	-	1
SB6	100+61	5' LT	1	-
SB7	100+53	44' LT	1	-
SB8	199+46	43' LT	-	1
SB9	199+38	5' LT	1	-
SB10	199+48	27' RT	1	-
SB11	99+15	46' LT	-	1
SB12	99+42	5' LT	1	-
SB13	99+69	43' RT	1	-
<b>TOTALS</b>			<b>9</b>	<b>4</b>

SIGNAL & LIGHTING

SIGNAL BASE NO.	HEAD NO.	(65425) PEDESTAL BASES EACH	(65430) TRANSFORMER BASES STANDARD 1 1/2 INCH BOL CIRCLE (EACH)	(65732) TRAFFIC SIGNAL STANDARDS ALUMINUM, 13' EACH	(65703) (65704) POLES TYPE 3 TYPE 4 EACH EACH	(65803) TROMBONE ARMS, 20-FOOT EACH	(65826) TRAFFIC SIGNAL FACES 3-12 INCH VERTICAL EACH	(65829) 3-12 INCH HORIZONTAL EACH	(65846) PEDESTRIAN SIGNAL FACES 12-INCH EACH	(65849) PEDESTRIAN PUSH BUTTONS EACH	(65927) LUMINAIRE ARMS, SINGLE MEMBER, 4 1/2-IN CLAMP, 8-FOOT EACH	(65905) LUMINAIRES UTILITY 250 WATTS EACH
SB1	1, 13	1	-	1	-	-	1	-	1	1	-	-
SB2	11	-	1	-	1	-	1	-	-	-	1	1
SB3	12	1	-	1	-	-	1	-	-	-	-	-
SB4	7, 18, 1	1	-	1	-	-	1	-	2	2	-	-
SB5	2	-	1	-	1	-	-	1	-	-	1	1
SB6	3	1	-	1	-	-	1	-	-	-	-	-
SB7	4, 17	1	-	1	-	-	1	-	1	1	-	-
SB8	8, 16	-	1	-	1	-	1	-	1	1	1	1
SB9	9	1	-	1	-	-	1	-	-	-	-	-
SB10	10, 14, 15	1	-	1	-	-	1	-	2	2	-	-
SB11	5	-	1	-	1	-	-	1	-	-	1	1
SB12	6	1	-	1	-	-	1	-	-	-	-	-
SB13	20	1	-	1	-	-	-	-	1	1	-	-
<b>TOTALS</b>		<b>9</b>	<b>4</b>	<b>9</b>	<b>2</b>	<b>2</b>	<b>10</b>	<b>2</b>	<b>8</b>	<b>8</b>	<b>4</b>	<b>4</b>

STATE PROJECT NUMBER:

HWY: CAMP PHILLIPS ROAD

COUNTY: MARATHON

MISCELLANEOUS QUANTITIES

SCALE, FEET 

SHEET NO:

E