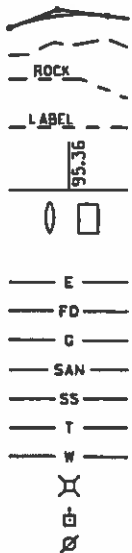
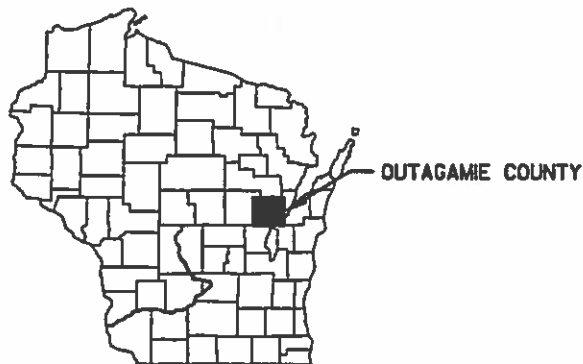
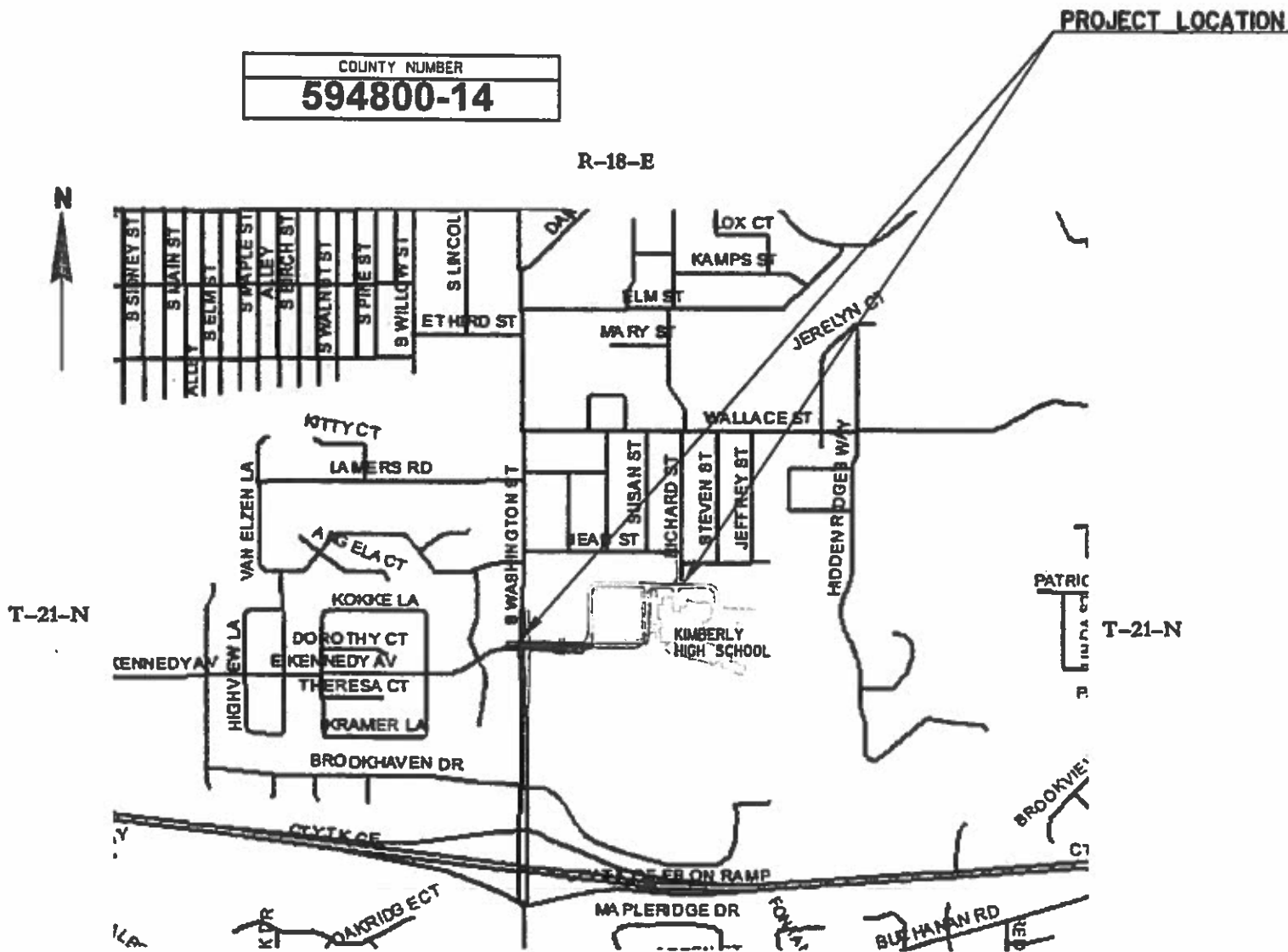


**TOTAL SHEETS = ---**



COUNTY NUMBER  
**594800-14**



R-18-E

**T-21-N**

**T-21-N**

## LAYOUT

SCALE 0 1/8 MI. 1/4 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.035 MI. OUTAGAMIE CO  
TOTAL NET LENGTH OF CENTERLINE = 0.099 MI. KASD

COORDINATES ON THIS PLAN ARE REFERENCED TO THE  
WISCONSIN COUNTY COORDINATE SYSTEM (WCCS),  
DUTAGAMIE COUNTY, NAD 1983 (91)

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO  
THE NORTH AMERICAN VERTICAL DATUM OF 1988  
NAVD 88 (9)

ACCEPTED FOR  
KIMBERLY AREA SCHOOL DISTRICT

DATE: 05/28/2014

ACCEPTED FOR  
OUTAGAMIE COUNTY

Ann Hunt  
(Signature)  
5-29-14  
DATE:

ORIGINAL PLANS PREPARED BY

**OMNI**  
ASSOCIATES

GENERAL NOTES

LOCATIONS OF EXISTING AND PROPOSED UTILITY FACILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. NO UTILITY CONFLICTS ARE ANTICIPATED.

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

ALL MANHOLE AND INLET OFFSETS ARE GIVEN TO THE CENTER OF THE STRUCTURE.

INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.

PRIOR TO ORDERING DRAINAGE STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN WITH THE ENGINEER.

CURB AND GUTTER RADII ARE SHOWN TO THE FLANGE LINE OF THE CURB AND GUTTER.

IMMEDIATELY AFTER CONSTRUCTION OF ANY INLET, CONTRACTOR SHALL CONSTRUCT THE EROSION CONTROL PROTECTION IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS TO MINIMIZE SEDIMENTATION IN THE INLET AND STORM SEWER.

DISTANCES SHOWN ON THIS PLAN ARE GROUND DISTANCES.

EROSION CONTROL NOTES

RUNOFF COEFFICIENT FOR THIS PROJECT:  
EXISTING PAVEMENT 0.95, EXISTING SLOPES 0.30,  
NEW PAVEMENT 0.95, NEW SLOPES 0.30.

TOTAL PROJECT AREA = 1.716 ACRES.  
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.745 ACRES.

OTHER CONTACTS

VILLAGE	VILLAGE OF KIMBERLY DAVE VANDER VELDEN - STREET COMMISSIONER 515 W KIMBERLY AVE KIMBERLY, WI 54136 920-788-7507
SCHOOL	KIMBERLY AREA SCHOOL DISTRICT JOE HARVEY - DIRECTOR OF BUILDINGS AND GROUNDS 425 S WASHINGTON ST COMBINED LOCKS, WI 54113 920-788-7900 EXT. 4136



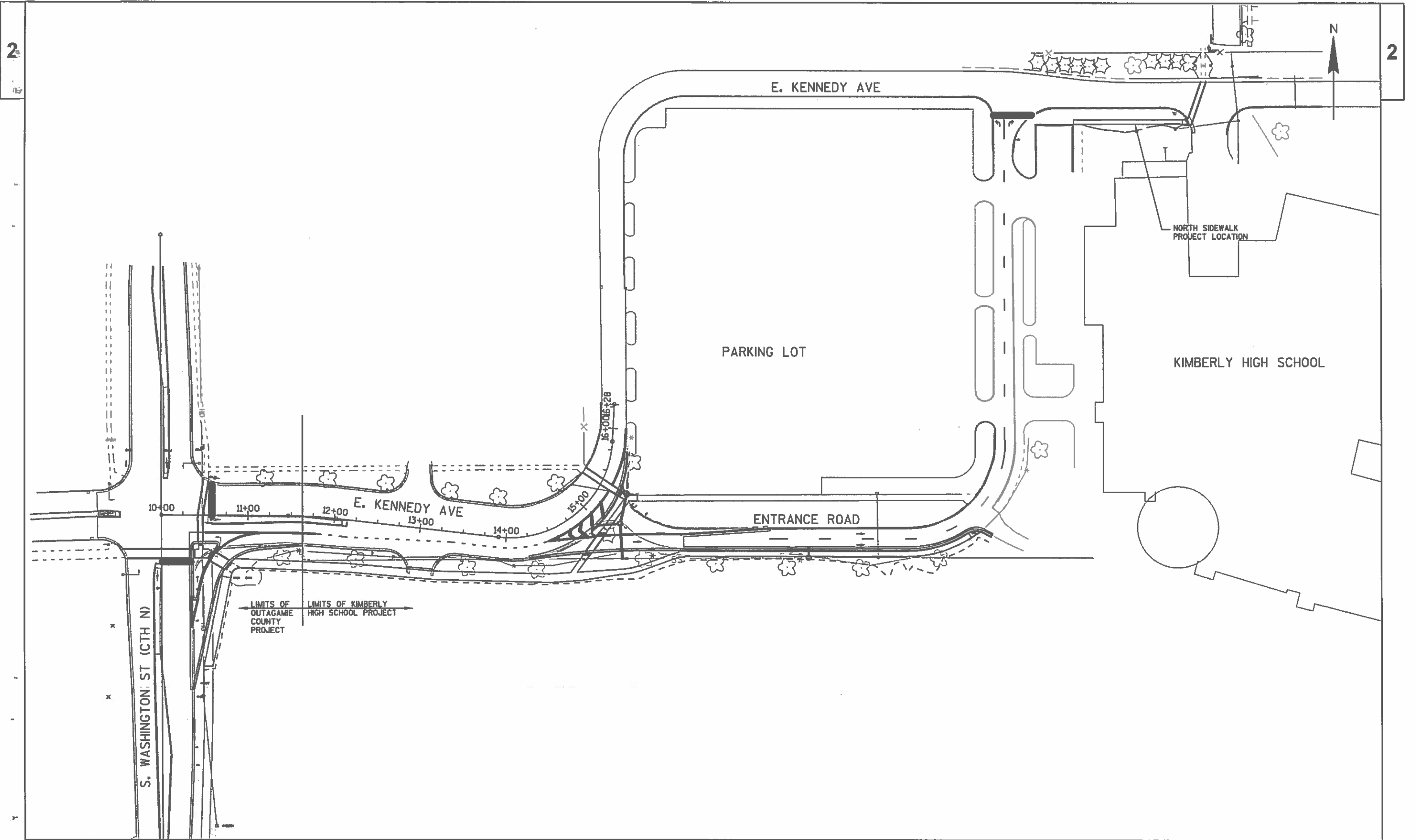
Call 811 3 Work Days Before You Dig  
or Toll Free (800) 242-8511  
Hearing Impaired TDD (800) 542-2289  
www.DiggersHotline.com

ORDER OF "SECTION 2" SHEETS

- SHEET TITLE
- GENERAL NOTES
  - PROJECT OVERVIEW
  - TYPICAL SECTIONS
  - CONSTRUCTION DETAILS
  - PAVING DETAILS
  - EROSION CONTROL
  - STORM SEWER PLAN
  - TRAFFIC SIGNAL PLAN
  - PAVEMENT MARKING AND SIGNING

UTILITIES

GAS	WE ENERGIES GAS ZACH DUGA 800 S. LYNNDALE DR. APPLETON, WI 54914 920-380-3458
ELECTRIC	WE ENERGIES ELECTRIC ZACH DUGA 800 S. LYNNDALE DR. APPLETON, WI 54914 920-380-3458
SANITARY	DARBOY JOINT SANITARY DISTRICT SEWER PATRICK HENNESSEY N398 CTH N APPLETON, WI 54915 920-788-6048
WATER	DARBOY JOINT SANITARY DISTRICT WATER PATRICK HENNESSEY N398 CTH N APPLETON, WI 54915 920-788-6048
COMMUNICATION	AT&T PAUL KRAUTKRAMER 205 S. JEFFERSON ST GREEN BAY, WI 54301 920-433-4142
COMMUNICATION	TIME WARNER CABLE VINCENT ALBIN 3520 DESTINATION DR APPLETON, WI 54915 920-831-9249
STORM WATER	GARNERS CREEK STORM WATER UTILITY AMY VANDER HYDEN 405 WALLACE STREET COMBINED LOCKS, WI 54113 920-788-7740, EXT #2



PROJECT NO:594800-14	HWY: CTH N	COUNTY:OUTAGAMIE	PROJECT OVERVIEW	SHEET 3	E
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NOTE: ALL DISTURBED AREAS SHALL BE STABILIZED WITH TOPSOIL, FERTILIZER, SEED, AND MULCH UNLESS OTHERWISE NOTED IN THE PLANS.

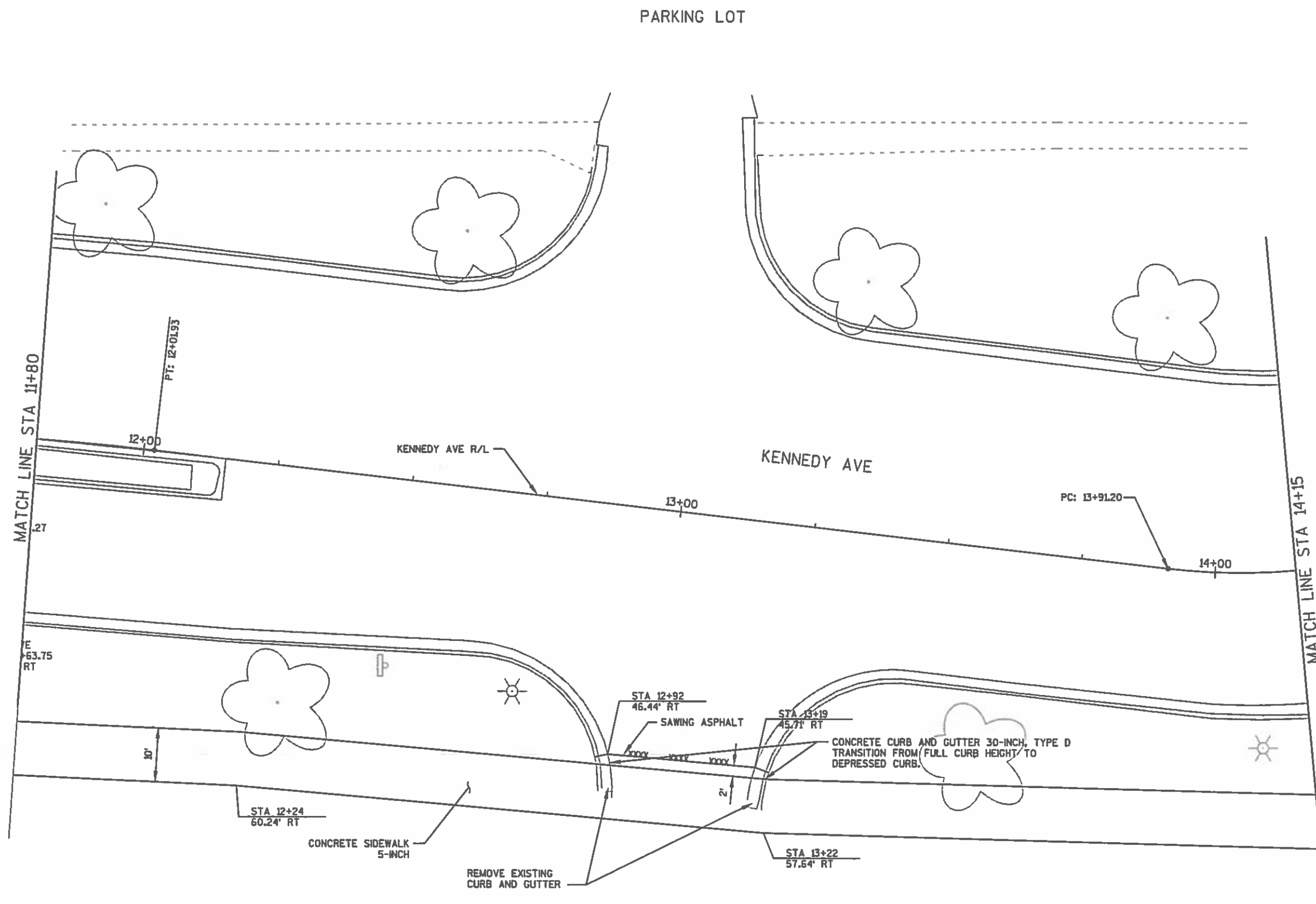


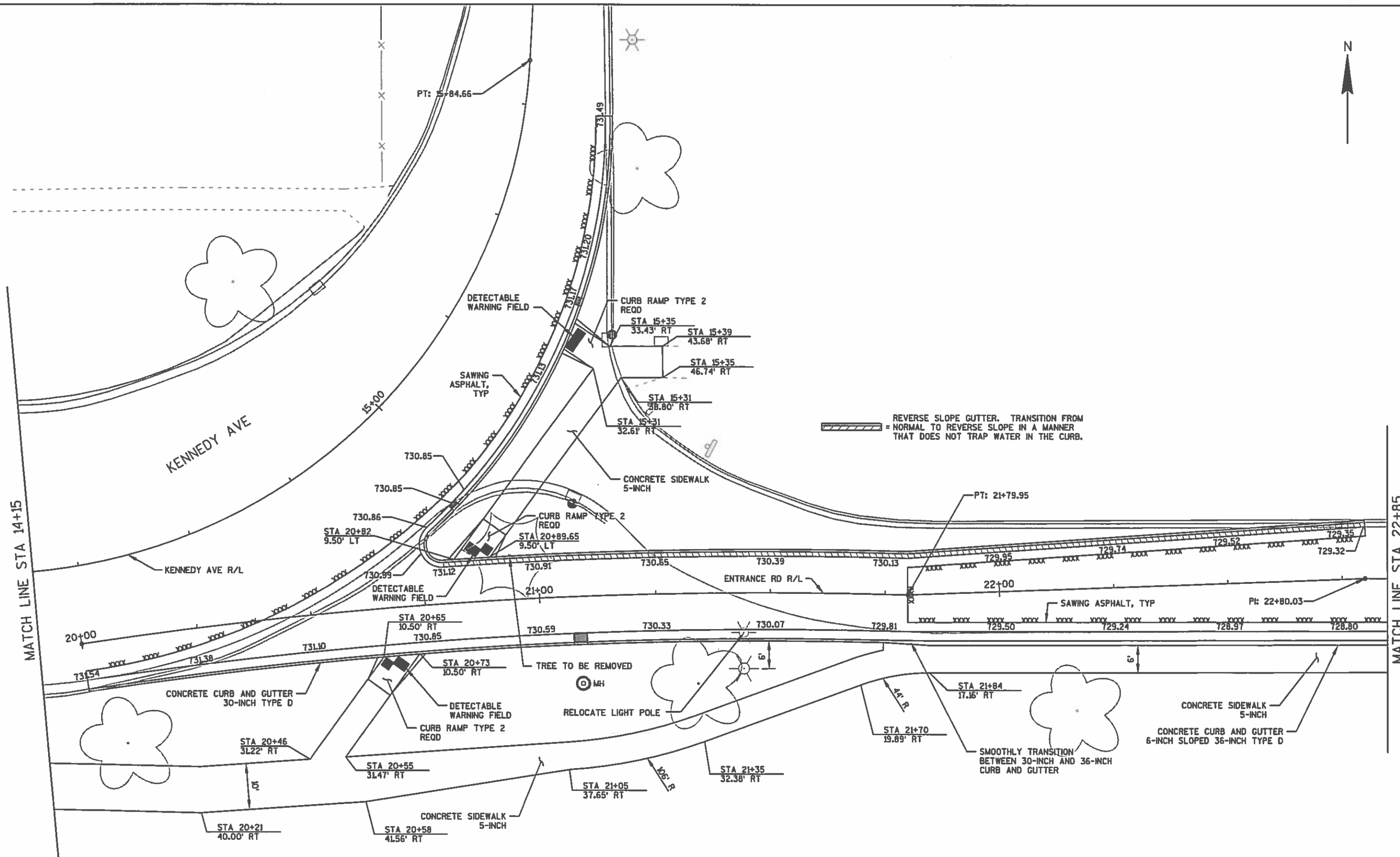
**STA 20+00 TO STA 21+80**

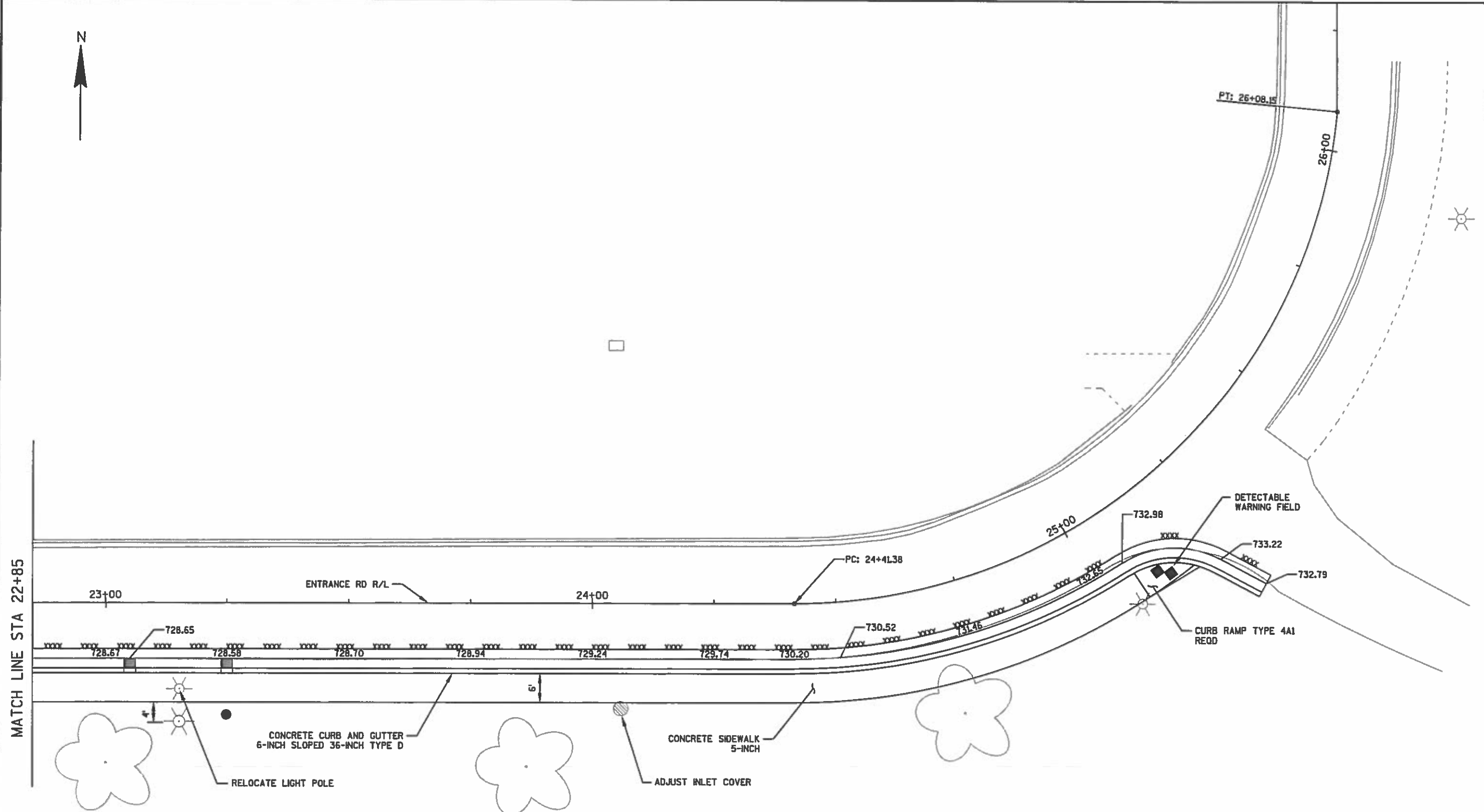


**STA 21+80 TO STA 25+25**

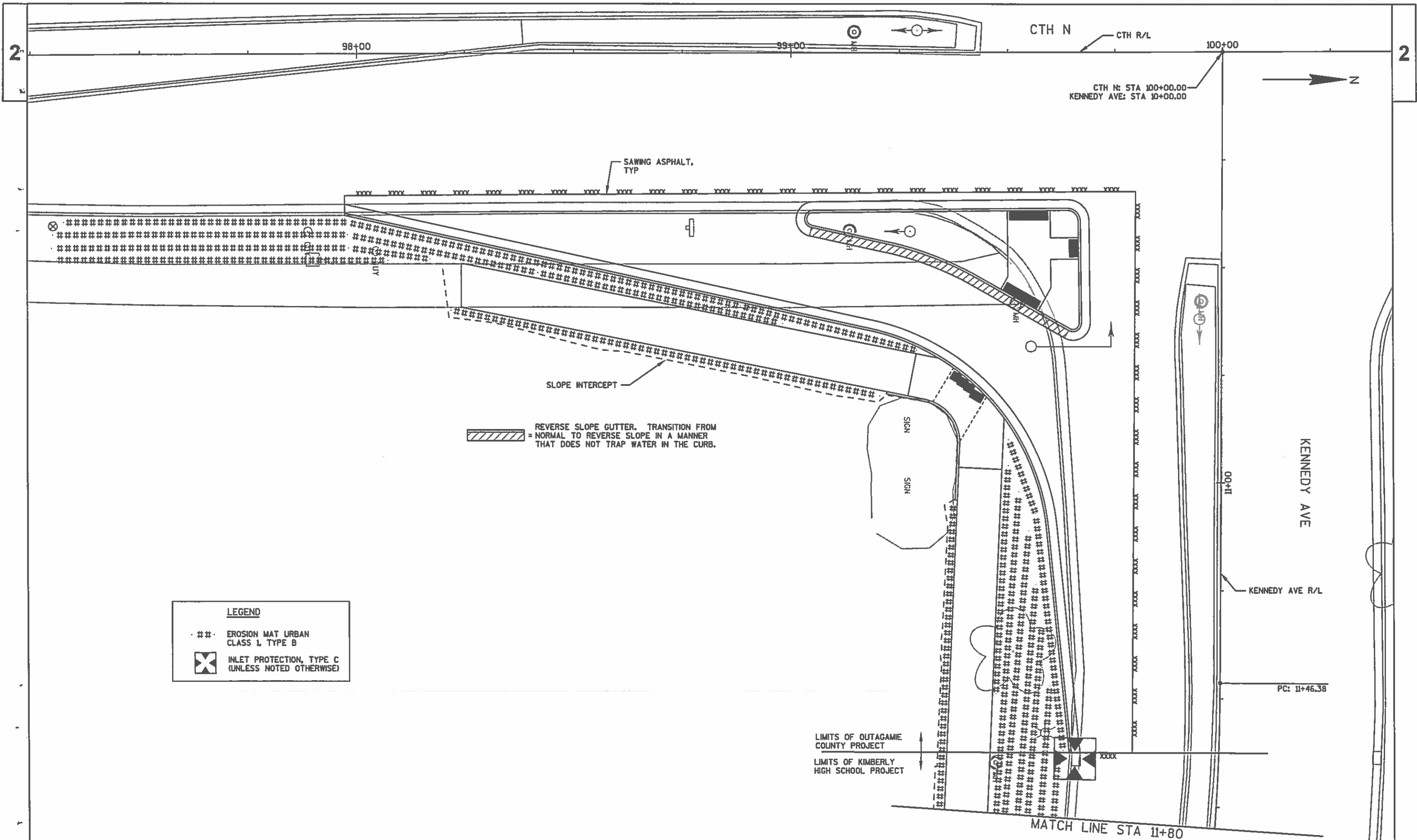












PROJECT NO:594800-14

HWY: CTH N

COUNTY: OUTAGAME

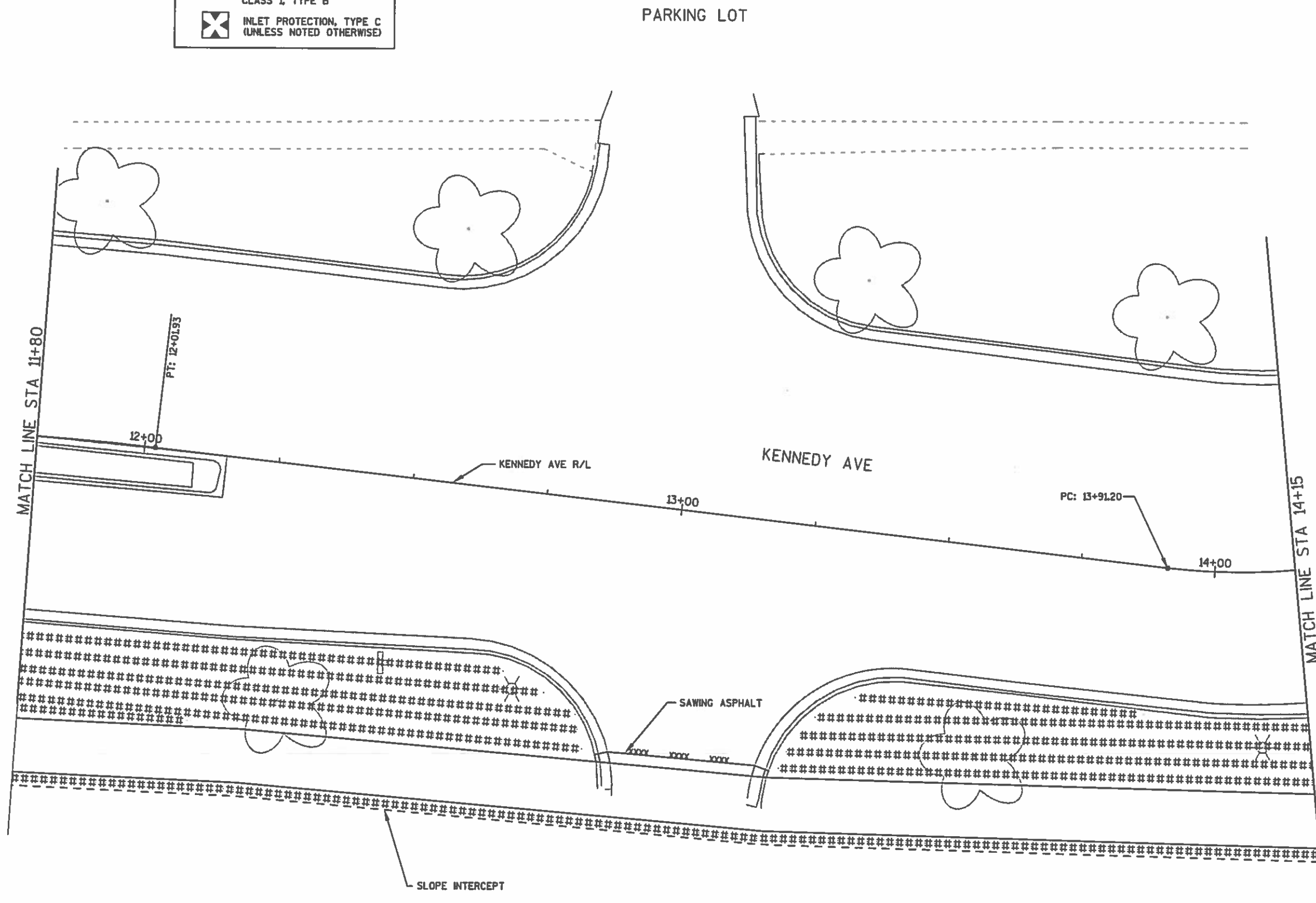
EROSION CONTROL

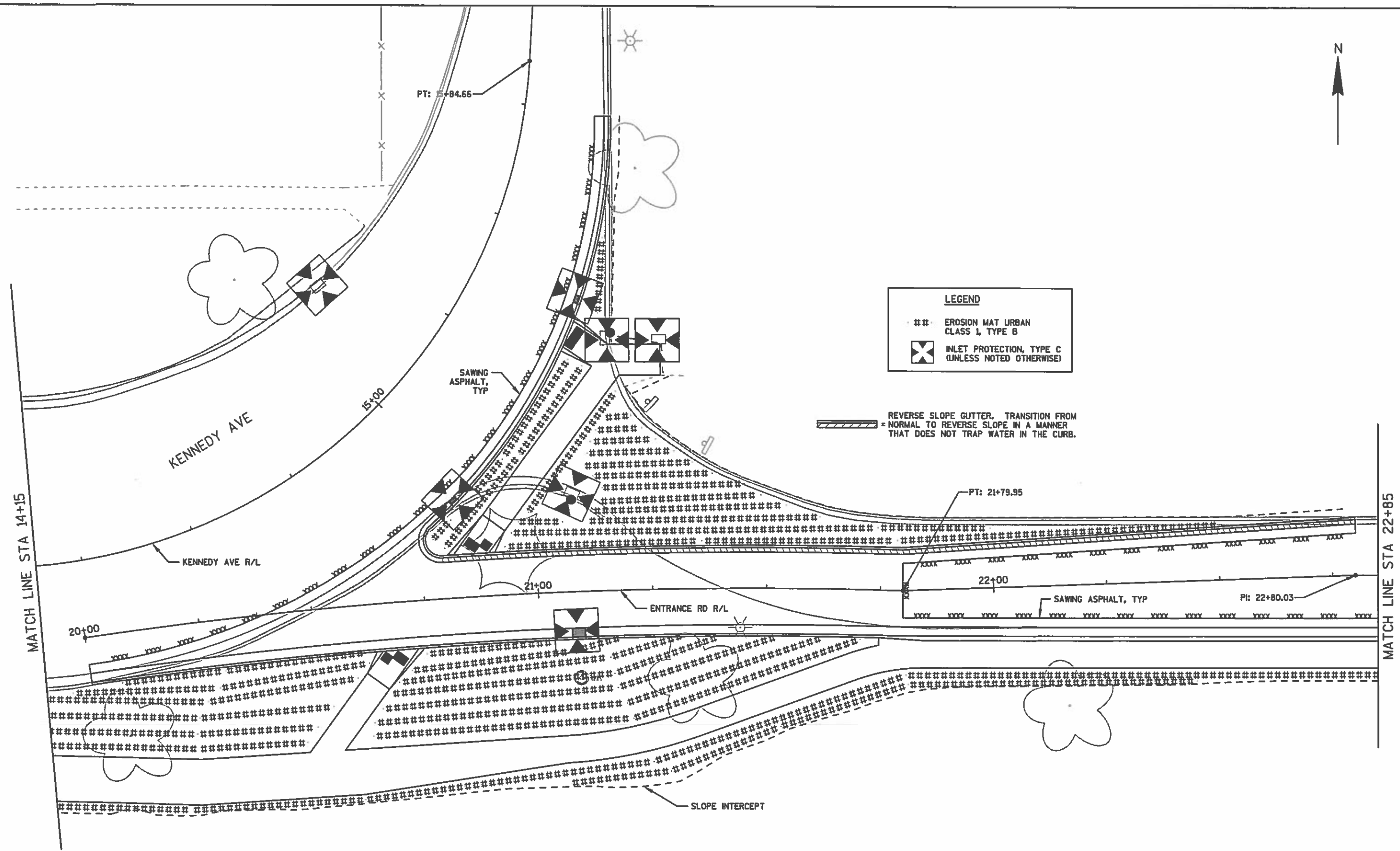
SHEET 9

E

## LEGEND

- ### EROSION MAT URBAN  
CLASS 1, TYPE B
- X INLET PROTECTION, TYPE C  
(UNLESS NOTED OTHERWISE)





**LEGEND**

### EROSION MAT URBAN  
CLASS 1, TYPE B

X INLET PROTECTION, TYPE C  
(UNLESS NOTED OTHERWISE)

REVERSE SLOPE GUTTER. TRANSITION FROM  
= NORMAL TO REVERSE SLOPE IN A MANNER  
THAT DOES NOT TRAP WATER IN THE CURB.


2

2

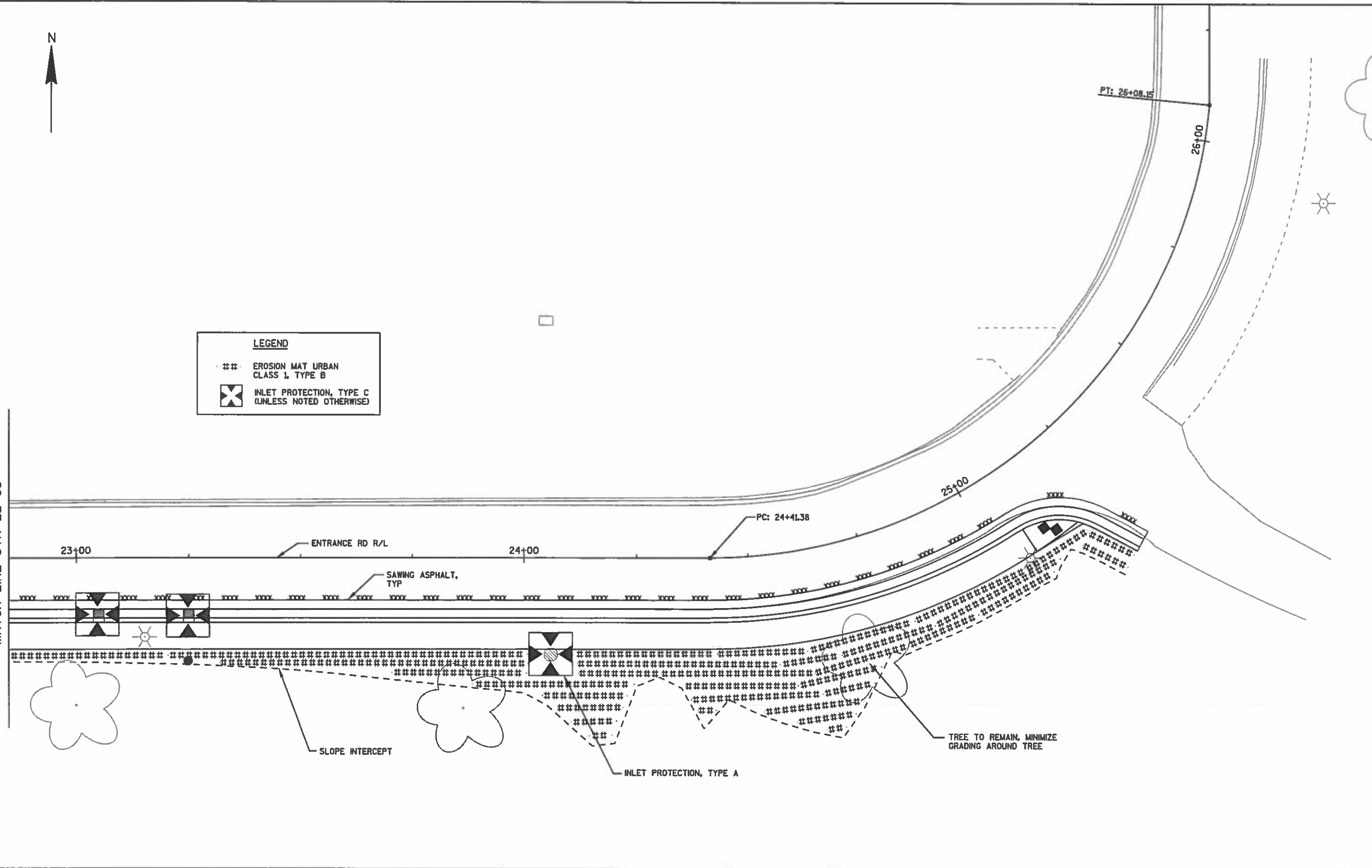


**LEGEND**

### EROSION MAT URBAN  
CLASS 1, TYPE B

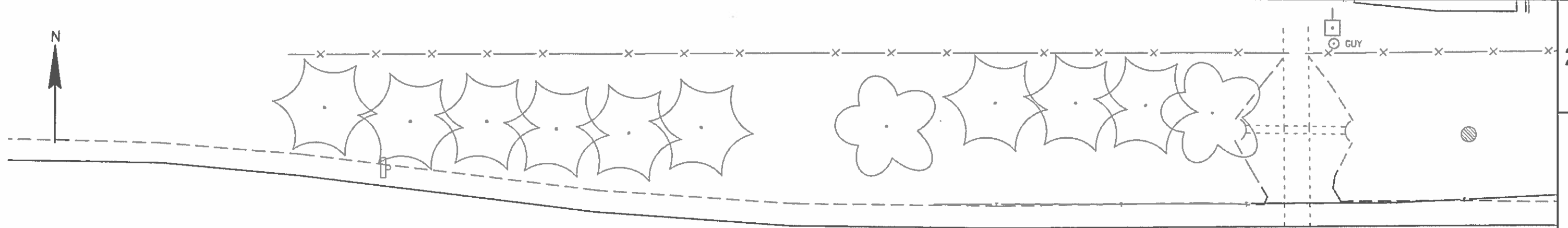
 INLET PROTECTION, TYPE C  
(UNLESS NOTED OTHERWISE)

MATCH LINE STA 22+85

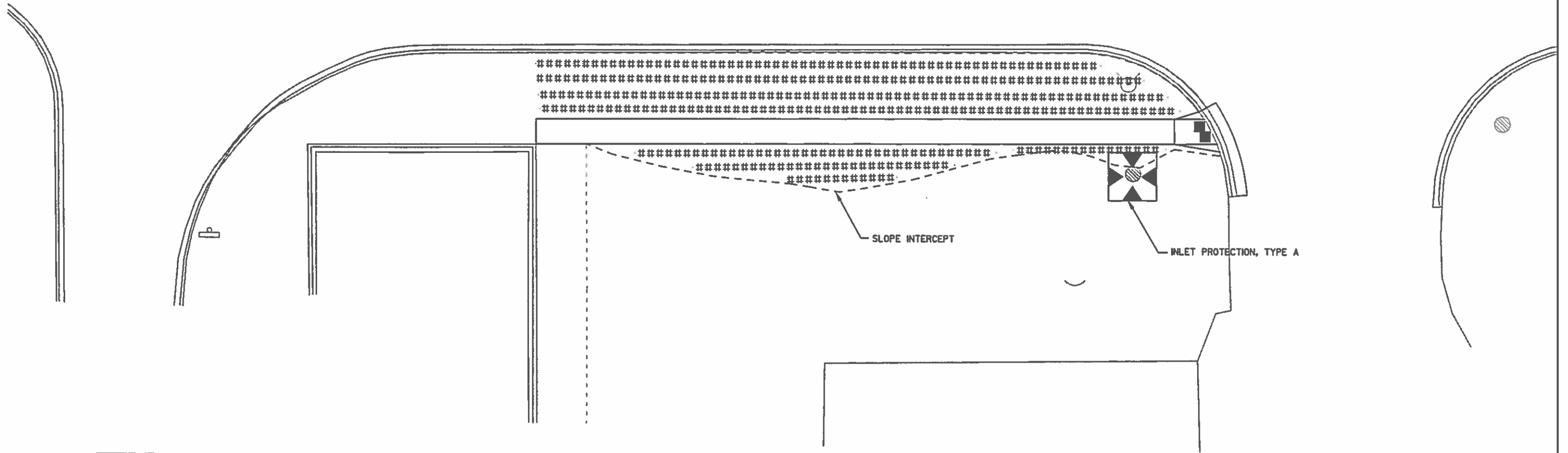


2


2

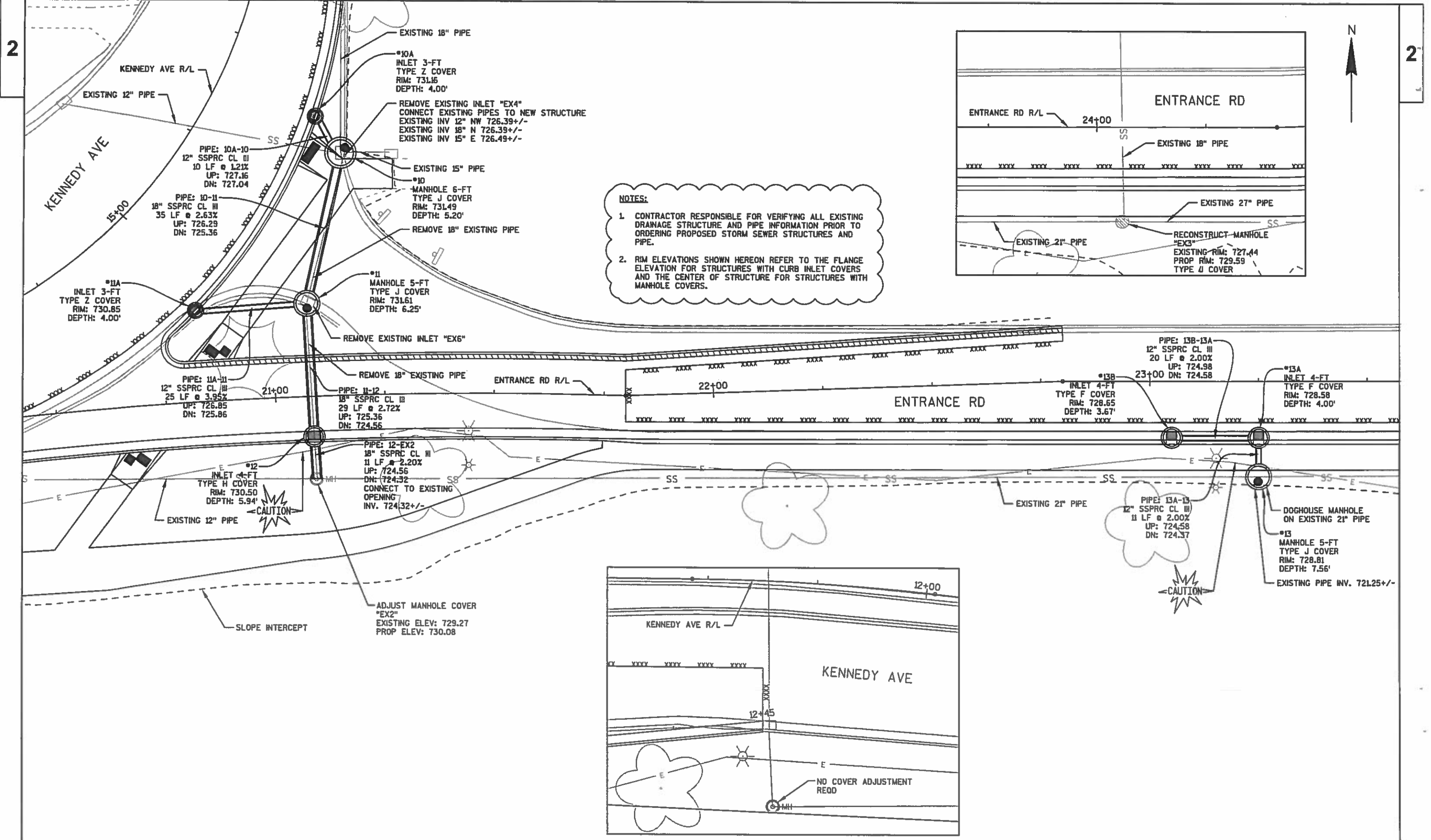


KENNEDY AVE



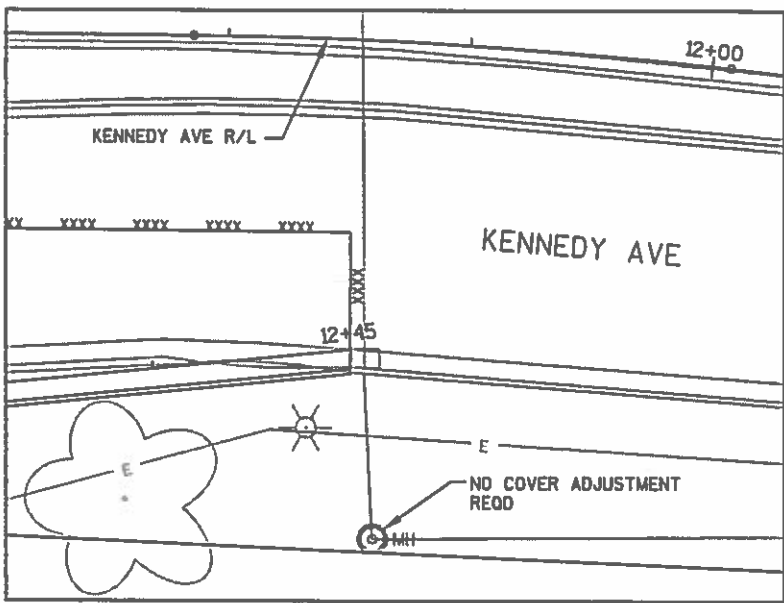
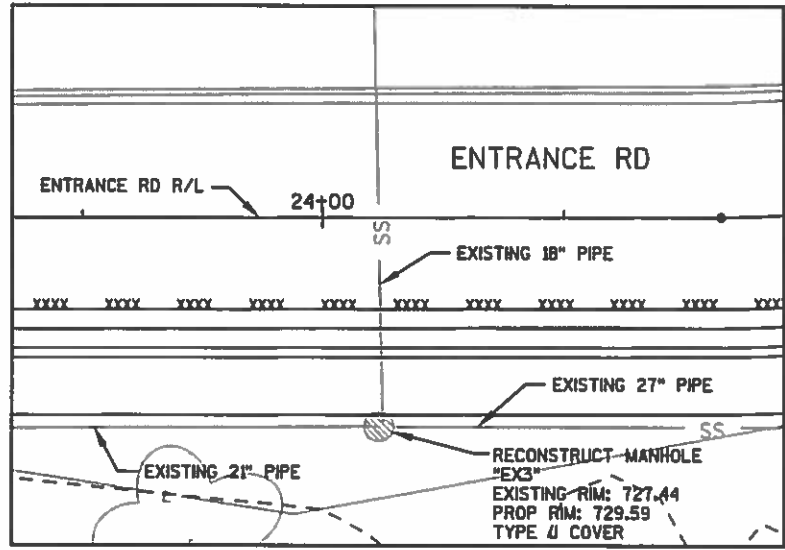
**LEGEND**

- · · · · EROSION MAT URBAN  
CLASS 1, TYPE B
-  INLET PROTECTION, TYPE C  
(UNLESS NOTED OTHERWISE)



**NOTES:**















1. CONTRACTOR RESPONSIBLE FOR VERIFYING ALL EXISTING DRAINAGE STRUCTURE AND PIPE INFORMATION PRIOR TO ORDERING PROPOSED STORM SEWER STRUCTURES AND PIPE.
2. RIM ELEVATIONS SHOWN HEREON REFER TO THE FLANGE ELEVATION FOR STRUCTURES WITH CURB INLET COVERS AND THE CENTER OF STRUCTURE FOR STRUCTURES WITH MANHOLE COVERS.



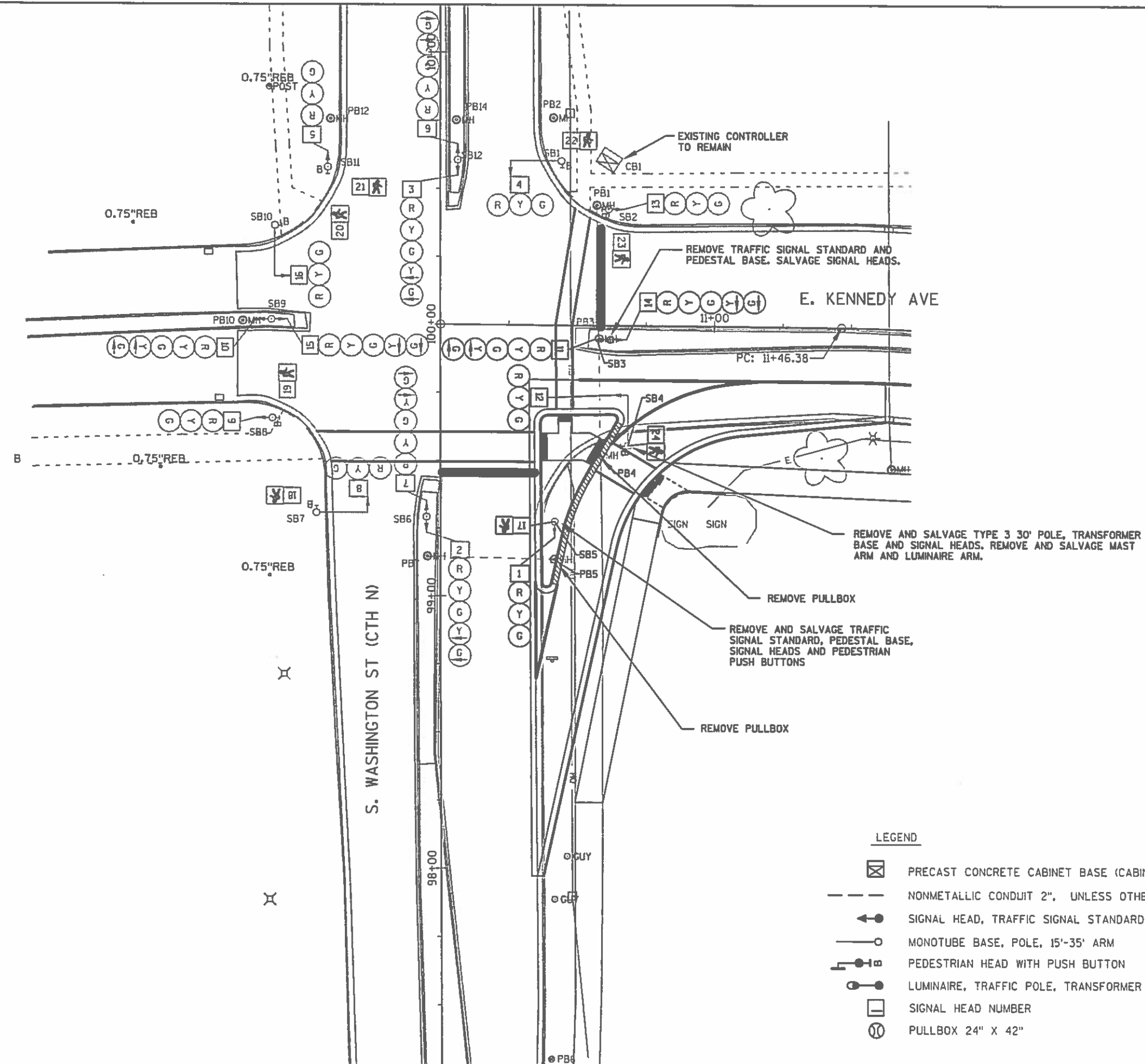
TRAFFIC SIGNAL CONSTRUCTION NOTES

1. ALL SIGNAL BASE LOCATIONS SHALL BE STAKED PER PLAN A MINIMUM OF THREE WORKING DAYS PRIOR TO INSTALLATION, LOCATION WILL THEN BE FIELD REVIEWED BY THE CITY OF APPLETON PRIOR TO INSTALLATION.  
CITY CONTACT IS MIKE HARDY, 920-832-5580.
2. ALL MULTIPLE RUN CONDUITS SHALL BE PLACED AS TIGHTLY AS POSSIBLE IN ONE TRENCH. THE CONTRACTOR WILL BE RESPONSIBLE TO IDENTIFY THE WIDTH OF EACH TRENCH AND IDENTIFY ONE CONDUIT THAT IS CENTERED IN EACH TRENCH. THIS INFORMATION SHALL BE PROVIDED TO THE CITY OF APPLETON FOR FUTURE UTILITY LOCATING NEEDS.
3. CONTRACTOR TO INSTALL PULL ROPE IN EACH RUN OF CONDUIT.
4. CONCRETE BASES SHALL NOT BE POURED UNTIL NEARBY CURB IS SET TO ESTABLISH BASE HEIGHT AND TO ASSURE PROPER FINISHED BASE HEIGHT.
5. ALL EXISTING UTILITY FEATURES MAY NOT BE SHOWN ON THE TRAFFIC SIGNAL OR INTERCONNECT PLANS. VERIFY UTILITIES IN THE FIELD.
6. ANY SIGNAL EQUIPMENT NOT SALVAGED AND REUSED AT THIS INTERSECTION WILL BECOME THE PROPERTY OF OUTAGAMIE COUNTY.

LEGEND

	PRECAST CONCRETE CABINET BASE (CABINET BY OTHERS)		RED CIRCULAR INDICATOR
	NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED		YELLOW CIRCULAR INDICATOR
	SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE		GREEN CIRCULAR INDICATOR
	MONOTUBE BASE, POLE, 15'-35' ARM		DON'T WALK INDICATOR 12"
	PEDESTRIAN HEAD WITH PUSH BUTTON		WALK INDICATOR 12"
	LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE		LANE DESIGNATION FOR INFO ONLY
	SIGNAL HEAD NUMBER		
	PULLBOX 24" X 42"		

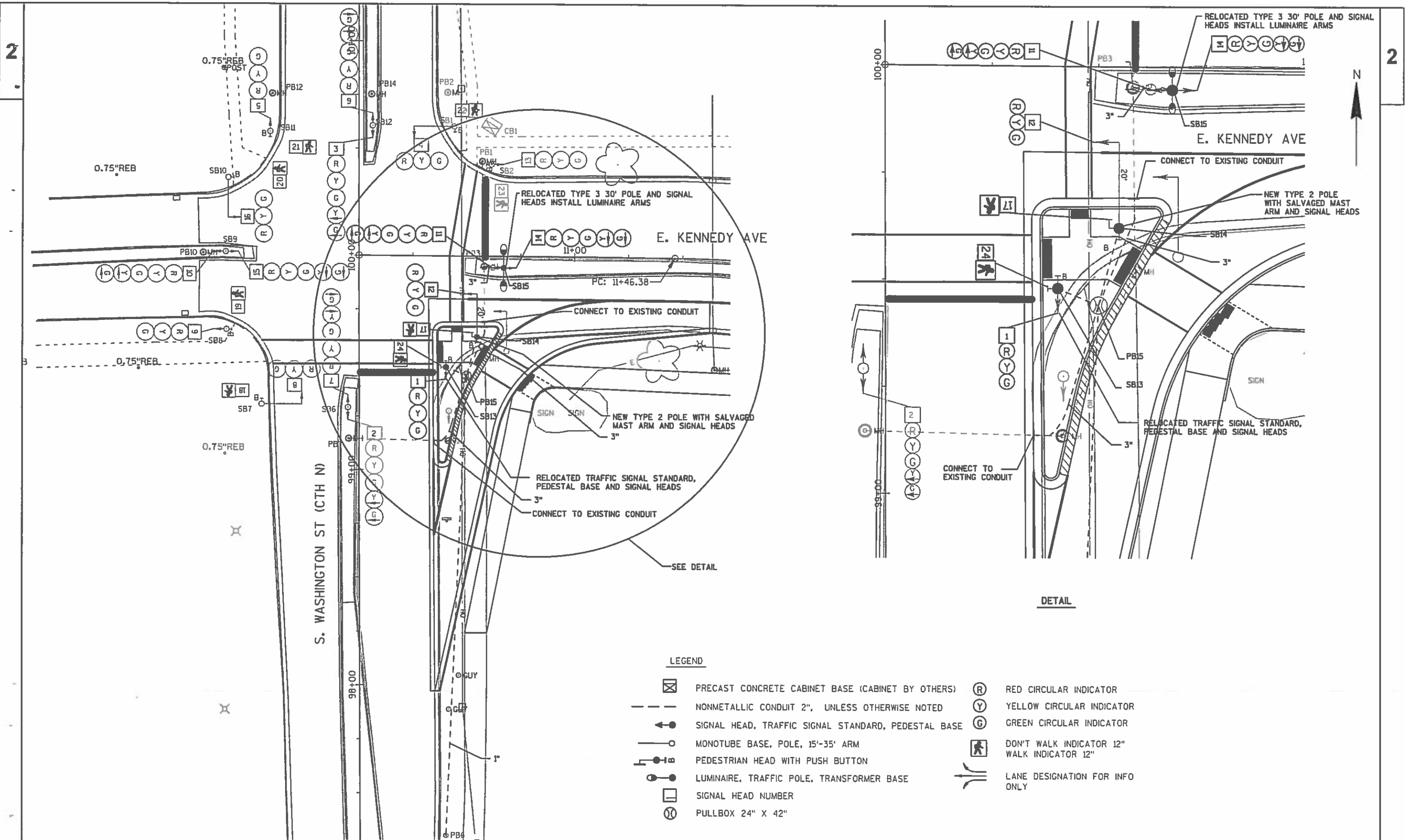




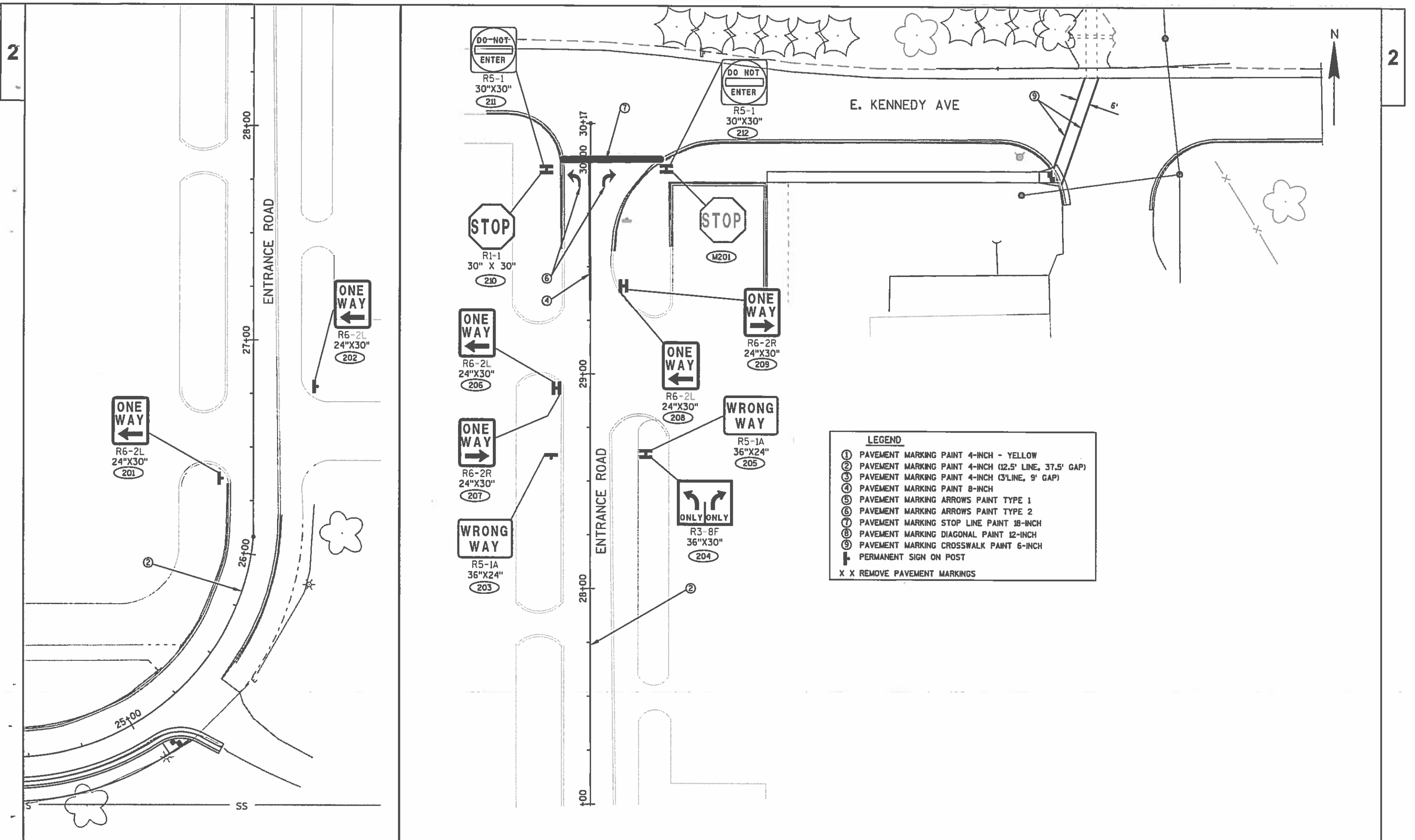
## LEGEND

- |  |                                                     |  |                                |
|--|-----------------------------------------------------|--|--------------------------------|
|  | PRECAST CONCRETE CABINET BASE (CABINET BY OTHERS)   |  | RED CIRCULAR INDICATOR         |
|  | NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED      |  | YELLOW CIRCULAR INDICATOR      |
|  | SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE |  | GREEN CIRCULAR INDICATOR       |
|  | MONOTUBE BASE, POLE, 15'-35' ARM                    |  | DON'T WALK INDICATOR 12"       |
|  | PEDESTRIAN HEAD WITH PUSH BUTTON                    |  | WALK INDICATOR 12"             |
|  | LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE           |  | LANE DESIGNATION FOR INFO ONLY |
|  | SIGNAL HEAD NUMBER                                  |  |                                |
|  | PULLBOX 24" X 42"                                   |  |                                |









REMOVING CURB & GUTTER

STATION TO STATION	DIR	LOCATION	204.0150 REMOVING CURB & GUTTER LF
COUNTY PROJECT			
97+97 - 99+64	RT	CTH N/E. KENNEDY AVE	273
COUNTY TOTAL			273

AGGREGATE

STATION TO STATION	LOCATION	AREA (SF)	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	311.0110 BREAKER RUN TON
COUNTY PROJECT				
97+97 - 99+80	CTH N/E. KENNEDY	7,031	273	391
99+04 - 99+66	CTH N ISLAND	818	42	0
98+24 - 99+29	CTH N TRAIL	1,268	49	0
10+71 - 11+65	E. KENNEDY AVE TRAIL	1,105	21	0
COUNTY TOTAL			387	391

EARTHWORK SUMMARY

LOCATION	205.0100	AVAILABLE MATERIAL (CY)  NOTE 2	UNEXPANDED FILL (CY)	EXPANDED FILL (CY) NOTE 3	MASS ORDINATE (CY)  NOTE 8	WASTE (CY)	BORROW (CY)	COMMENT
	EXCAVATION COMMON (CY)			FACTOR 1.25				
COUNTY PROJECT								
CTH N AND KENNEDY INT	640	640	1	1	639	639	0	
COUNTY TOTALS	640				639		0	

NOTE 2: ALL EXCAVATED ASPHALT MATERIAL ASSUMED TO BE USEABLE AS FILL.  
NOTE 3: EXPANDED FILL = FILL EXPANSION FACTOR\*UNEXPANDED FILL.  
NOTE 8: MASS ORDINATE = (AVAILABLE MATERIAL) - (EXPANDED EBS IN FILL) - (EXPANDED FILL).

ASPHALT ITEMS

STATION TO STATION	LOCATION	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0115 ASPHALTIC MATERIAL PG64-22 TON	455.0605 TACK COAT GAL	460.1103 HMA PAVEMENT TYPE E-3 TON	465.0105 ASPHALTIC SURFACE TON
COUNTY PROJECT						
97+97 - 99+80	CTH N/E. KENNEDY	4	5	13	165	---
98+24 - 99+29	CTH N TRAIL	---	---	3	---	20
COUNTY TOTAL		4	5	16	165	20

CONCRETE CURB AND GUTTER

STATION TO STATION	LOCATION	601.0411 CONCRETE CURB AND GUTTER 30-INCH TYPE D LF
COUNTY PROJECT		
97+97 - 99+63	CTH N/E. KENNEDY AVE	242
99+01 - 99+69	CTH N ISLAND	175
COUNTY TOTALS		417

CONCRETE SIDEWALK

STATION TO STATION		DIR	LOCATION	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
COUNTY PROJECT						
99+04	- 99+66	RT	CTH N ISLAND	818	---	44
10+71	11+65	RT	E. KENNEDY AVE	---	954	18
COUNTY TOTAL				818	954	62

LANDSCAPING ITEMS

STATION TO STATION		DIR	LOCATION	625.0100 TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0140 SEEDING MIXTURE NO. 40 LB
COUNTY PROJECT						
96+99	- 99+35	RT	CTH N	226	0.1	4
10+85	- 11+65	RT	E. KENNEDY AVE	117	0.1	2
SUBTOTAL				343	0	6
UNDISTRIBUTED				86	0	2
COUNTY TOTALS				429	1	8

EROSION CONTROL

STATION TO STATION		LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2008 EROSION MAT URBAN CLASS 1 TYPE B SY
COUNTY PROJECT					
96+99	- 99+35	CTH N	1	1	226
10+85	- 11+65	E. KENNEDY AVE	---	---	117
UNDISTRIBUTED			---	---	86
COUNTY TOTALS			1	1	429

PERMANENT SIGNS TYPE II AND SIGN SUPPORTS

SIGN NO.	STATION	REFERENCE LINE	FACE DIR.	SIGN CODE	SIGN SIZE	DESCRIPTION	SIGN DIMENSIONS W X H      AREA IN X IN      SF		634.0616 POSTS WOOD 16 FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
COUNTY PROJECT												
101	99+40 , RT	CTH N	NB	S16-8	2S	ANGLED DOWN ARROWS	30 X 18	3.75	1	---	3.75	INSTALL BELOW SIGN M102
102	99+21 , RT	CTH N	NB	R1-2	2S	YIELD	36 X 31	3.88	1	3.88	---	
COUNTY TOTALS									2	3.88	3.75	

3

MOVING SIGNS TYPE II

SIGN NO.	STATION		LOCATION	DESCRIPTION	638.2102 MOVING SIGNS TYPE II EACH	REMARKS
COUNTY PROJECT						
M101	99+40	RT	CTH N	DO NOT ENTER	1	INSTALL ON SAME POST AS 101
				WRONG WAY	1	
M102	99+40	RT	CTH N	SCHOOL ADVANCE	1	INSTALL ABOVE SIGN 101
				DIAGONAL ARROW LEFT	1	
M103	10+56	RT	E. KENNEDY AVE	ONE WAY	1	INSTALL ON TRAFFIC SIGNAL POLE
M104	10+67	RT	E. KENNEDY AVE	KEEP RIGHT	1	INSTALL ON TRAFFIC SIGNAL POLE
COUNTY TOTALS					6	

3

REMOVING SIGNS TYPE II AND REMOVING SMALL SIGN SUPPORTS

SIGN NO.	STATION	LOCATION	DESCRIPTION	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
COUNTY PROJECT						
R100	99+27 RT	CTH N	DIAGONAL ARROW LEFT	1	1	
COUNTY TOTALS				1	1	

PAVEMENT MARKING

STATION - STATION		646.0123 PAVEMENT MARKING PAINT 8-INCH (WHITE) LF	647.0523 PAVEMENT MARKING YIELD LINE SYMBOLS PAINT 18-INCH EACH	647.0563 PAVEMENT MARKING STOP LINE PAINT 18-INCH LF	647.0763 PAVEMENT MARKING CROSSWALK PAINT 6-INCH LF
COUNTY PROJECT					
97+97 - 99+80	CTH N	70	8	34	153
10+33 - 11+63	E. KENNEDY AVE	173	---	36	184
COUNTY TOTAL		243	8	70	337

SAWING ASPHALT

STATION TO STATION		DIR	LOCATION	690.0150 SAWING ASPHALT LF
COUNTY PROJECT				
97+97 - 99+80	RT	CTH N		185
10+33 - 11+63	RT	E. KENNEDY AVE		145
COUNTY TOTAL				330

3

CONDUIT

FROM	TO	652.0310 CONDUIT RIGID NONMETALLIC SCHEDULE 80 1-INCH	652.0325 CONDUIT RIGID NONMETALLIC SCHEDULE 80 2-INCH	652.0335 CONDUIT RIGID NONMETALLIC SCHEDULE 80 3-INCH
LF	LF	LF	LF	LF
COUNTY PROJECT				
PB 6	PB 15	214	---	---
EXISTING	PB 15	---	---	37
EXISTING	PB 15	---	---	27
SB 13	PB 15	---	10	---
SB 14	PB 15	---	19	---
SB 15	PB 3	---	9	---
COUNTY TOTALS		214	38	64

CONCRETE BASES

BASE NUMBER	ALIGNMENT	STATION	OFFSET	654.0101 CONCRETE BASES TYPE 1 EACH	654.0102 CONCRETE BASES TYPE 2 EACH
COUNTY PROJECT					
SB 13	CTH N	99+48	40.2 RT	1	---
SB 14	CTH N	99+62	54.6 RT	---	1
SB 15	CTH N	99+94	67.0 RT	---	1
COUNTY TOTALS				1	2

REMOVING PULL BOXES

NUMBER	ALIGNMENT	STATION	OFFSET	653.0905 REMOVING PULLBOXES EACH
COUNTY PROJECT				
PB 4	CTH N	99+52	58.2' RT	1
PB 5	CTH N	99+13	41.3' RT	1

COUNTY TOTALS 1

PULL BOXES

NUMBER	ALIGNMENT	STATION	OFFSET	653.0140 STEEL 24X42-INCH EACH
COUNTY PROJECT				
PB 15	CTH N	99+44	49.7' RT	1

COUNTY TOTALS 1

TRAFFIC SIGNAL CABLE AND WIRING

FROM	TO	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG LF	655.0505 ELECTRICAL WIRE TRAFFIC SIGNALS 14 AWG LF	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS (GRND CONDUCTOR) 10 AWG LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF
COUNTY PROJECT						
CB 1	SB 13	175	---	177	---	---
CB 1	SB 14	211	---	213	---	---
CB 1	SB 15	---	117	119	102	290
SB 15	SB 14	---	---	---	103	---
SB 14	SB 13	---	---	---	45	---
SB 13	PB 15	---	---	---	21	---
SB 14	PB 15	---	---	---	30	---
SB 15	PB 3	---	---	---	20	---
COUNTY TOTALS		386	117	509	321	290

TRAFFIC SIGNAL POLES, ARMS, & BASES

BASE NO.	RL	STA	OFFSET	657.0100 PEDESTAL BASES EACH	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0305 POLES TYPE 2 EACH	657.0310 POLES TYPE 3 EACH	657.0200 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	657.0590 TROMBONE ARMS 20- FT EACH	657.0709 LUMINAIRE ARMS TRUSS TYPE 4-INCH CLAMP 12-FT EACH	658.0110 TRAFFIC SIGNAL FACE 3 - 12 INCH VERTICAL EACH	658.0155 TRAFFIC SIGNAL FACE 3 - 12 INCH HORIZONTAL EACH	658.0120 TRAFFIC SIGNAL FACE 5 - 12 INCH VERTICAL EACH	658.0412 PEDESTRIAN SIGNAL FACE 12-INCH EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH
COUNTY PROJECT															
SB 13	CTH N	99+48	40.2 RT	1 - SALV	---	---	---	1 - SALV	---	---	1 - SALV	---	---	1 - SALV	1 - SALV
SB 14	CTH N	99+62	54.6 RT	---	1	1	---	---	1 - SALV	---	---	1 - SALV	---	1 - SALV	1 - SALV
SB 15	CTH N	99+94	67.0 RT	---	1 - SALV	---	1 - SALV	---	---	2	---	---	2 - SALV	---	---
COUNTY TOTALS					1	1				2					

NOTES:  
1 - SALV = QUANTITY - SALVAGED EQUIPMENT FROM EXISTING TRAFFIC SIGNAL INSTALLATION

3

3

LOOP DETECTOR LEAD IN CABLE

		655.0700
		LOOP DETECTOR LEAD IN CABLE
FROM	TO	LF
COUNTY PROJECT		
PB 6	CB 1	355

COUNTY TOTALS 355

SIGNAL MOUNTING HARDWARE

		658.5069
		SIGNAL MOUNTING HARDWARE
PROJECT		LS
COUNTY PROJECT		
CTH N & E. KENNEDY AVE		1

COUNTY TOTAL 1

REMOVING CONCRETE BASES

NUMBER	ALIGNMENT	STATION	OFFSET
COUNTY PROJECT			
SB 3	CTH N	99+94	62.0' RT
SB 4	CTH N	99+55	68.3' RT
SB 5	CTH N	99+27	41.5' RT

REMOVING EXISTING SIGNAL CABLES

		SPV.0105.01
		REMOVING EXISTING SIGNAL CABLES
PROJECT		LS
COUNTY PROJECT		
CTH N & E. KENNEDY AVE		1

COUNTY TOTAL 1

REMOVING TRAFFIC SIGNALS

		SPV.0105.02
		REMOVING TRAFFIC SIGNALS
PROJECT		LS
COUNTY PROJECT		
CTH N & E. KENNEDY AVE		1

COUNTY TOTAL 1

INSTALLING TRAFFIC SIGNAL EQUIPMENT

		SPV.0105.03
		INSTALLING SALVAGED TRAFFIC SIGNAL EQUIPMENT
PROJECT		LS
COUNTY PROJECT		
CTH N & E. KENNEDY AVE		1

COUNTY TOTAL 1

REMOVING CONCRETE BASES

				204.0195
				REMOVING CONCRETE BASES
NUMBER	ALIGNMENT	STATION	OFFSET	EACH
COUNTY PROJECT				
SB 3	CTH N	99+94	62.0' RT	1
SB 4	CTH N	99+55	68.3' RT	1
SB 5	CTH N	99+27	41.5' RT	1

COUNTY TOTALS 3

3



3

CLEARING AND GRUBBING

STATION	DIR	LOCATION	201.0120 CLEARING ID	201.0220 GRUBBING ID
KHS PROJECT				
20+94	LT	ENTRANCE ROAD	6	6
KHS TOTAL			6	6

REMOVING CURB & GUTTER

STATION TO STATION	DIR	LOCATION	204.0150 REMOVING CURB & GUTTER LF
KHS PROJECT			
14+23 - 15+11	RT	E. KENNEDY AVE/ENTRANCE RD	125
21+19 - 22+80	LT	ENTRANCE RD	230

KHS TOTAL 355

REMOVING INLETS

STRUCTURE	STATION	OFFSET	R/L	204.0220 REMOVING INLETS EA
KHS PROJECT				
EX4	15+36	32' RT	KENNEDY	1
EX6	15+11	45' RT	KENNEDY	1

KHS TOTAL 2

REMOVING STORM SEWER

PIPE	204.0245.01 REMOVING STORM SEWER (18-INCH) LF
KHS PROJECT	
EX4 - EX6	34
EX6 - EX2	40

74

3

EARTHWORK SUMMARY

LOCATION	205.0100  EXCAVATION COMMON (CY)	AVAILABLE MATERIAL (CY)  NOTE 2	UNEXPANDED FILL (CY)	EXPANDED FILL (CY) NOTE 3	MASS ORDINATE (CY)  NOTE 8	WASTE (CY)	COMMENT
				FACTOR 1.25			
KHS PROJECT							
KENNEDY AVE AND ENTRANCE RD	445	445	160	200	245	245	
NORTHSIDE SIDEWALK	5	5	70	88	-83	0	USE WASTE FROM ENTRANCE RD CONSTRUCTION

KHS TOTALS 450 163

NOTE 2: ALL EXCAVATED ASPHALT MATERIAL ASSUMED TO BE USABLE AS FILL.  
NOTE 3: EXPANDED FILL = FILL EXPANSION FACTOR\*UNEXPANDED FILL.  
NOTE 8: MASS ORDINATE = (AVAILABLE MATERIAL) - (EXPANDED EBS IN FILL) - (EXPANDED FILL).

AGGREGATE

STATION TO STATION	LOCATION	AREA (SF)	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON
KHS PROJECT			
11+65 - 14+21	E. KENNEDY AVE TRAIL	3,175	62
12+92 - 13+19	E. KENNEDY AVE	54	4
20+00 - 25+18	ENTRANCE ROAD SW	4,449	87
20+81 - 21+28	ENTRANCE ROAD SW	593	12
20+00 - 25+26	ENTRANCE ROAD	7,086	551
50+25 - 51+57	N SIDEWALK	950	18
51+58 - 51+66	N SIDEWALK	39	3

KHS TOTAL 737

ASPHALT ITEMS

STATION TO STATION	LOCATION	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0115 ASPHALTIC MATERIAL PG64-22 TON	455.0605 TACK COAT GAL	460.1103 HMA PAVEMENT TYPE E-3 TON
KHS PROJECT					
12+89 - 13+22	E. KENNEDY ROAD	---	---	---	1
20+00 - 25+26	ENTRANCE ROAD	2	3	10	88
51+58 - 51+66	N. SIDEWALK	---	---	---	1

KHS TOTAL 2 3 10 90

CONCRETE CURB AND GUTTER

STATION TO STATION		LOCATION	601.0407 CONCRETE CURB AND GUTTER 18-INCH TYPE D LF	601.0411 CONCRETE CURB AND GUTTER 30-INCH TYPE D LF	601.0557 CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D LF
KHS PROJECT					
12+92 - 13+19		E KENNEDY AVE	---	4	---
20+00 - 21+75		ENTRANCE ROAD	---	173	---
20+76 - 22+80		ENTRANCE ROAD	312	---	---
21+75 - 25+22		ENTRANCE ROAD	---	---	369
51+58 - 51+66		N SIDEWALK	19	---	---

KHS TOTALS 331 177 369

CONCRETE SIDEWALK

STATION TO STATION	DIR	LOCATION	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
KHS PROJECT					
11+65 - 14+21	RT	E. KENNEDY AVE	---	2636	---
20+00 - 25+18	RT	ENTRANCE ROAD	---	3689	18
20+81 - 21+28	LT	ENTRANCE ROAD	---	477	20
50+25 - 51+61	RT	N. SIDEWALK	682	---	8

KHS TOTAL 682 6,802 46

STORM SEWER PIPE

PIPE	608.0312	608.0318
	STORM SEWER PIPE REINFORCED CONCRETE CLASS III	
	12-INCH LF	18-INCH LF
KHS PROJECT		
10A-10	10	---
10-11	---	35
11A-11	25	---
11-12	---	29
12-EX	---	11
13B-13A	20	---
13A-13	11	---

KHS TOTALS 66 75

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET	RL	611.0530 MANHOLE COVERS TYPE J EA	611.0615 INLET COVERS TYPE F EA	611.0624 INLET COVERS TYPE H EA	611.0666 INLET COVERS TYPE Z EA	611.2005 MANHOLES 5-FT DIAMETER EA	611.2006 MANHOLES 6-FT DIAMETER EA	611.3003 INLETS 3-FT DIAMETER EA	611.3004 INLETS 4-FT DIAMETER EA	611.8110 ADJUSTING MANHOLE COVERS EA	611.0420 RECONSTRUCTING MANHOLES EA	COMMENTS
KHS PROJECT														
10	15+35.9	32.3' RT	KENNEDY	1	---	---	---	1	---	---	---	---	---	
10A	15+40.0	22.5' RT	KENNEDY	---	---	---	1	---	---	1	---	---	---	
11	21+07.9	21.5' LT	ENTRANCE	1	---	---	---	---	1	---	---	---	---	
11A	14+96.7	26.0' RT	KENNEDY	---	---	---	1	---	---	1	---	---	---	
12	21+08.5	8.0' RT	ENTRANCE	---	---	1	---	---	---	---	1	---	---	
13	23+25.0	22.0' RT	ENTRANCE	1	---	---	---	1	---	---	---	---	---	
13A	23+25.0	11.5' RT	ENTRANCE	---	1	---	---	---	---	---	1	---	---	
13B	23+05.0	11.5' RT	ENTRANCE	---	1	---	---	---	---	---	1	---	---	
EXISTING	21+08.8	19.0' RT	ENTRANCE	---	---	---	---	---	---	---	---	1	---	
EXISTING	24+05.8	21.7' RT	ENTRANCE	1	---	---	---	---	---	---	---	---	1	REPLACE EXISTING INLET COVER

KHS TOTALS 4 2 1 2 2 1 2 3 1 1

NOTE: LOCATIONS FOR STRUCTURES WITH CURB INLET COVERS ARE AT THE CURB FLANGE, LOCATIONS FOR STRUCTURES WITH MANHOLE COVERS ARE AT THE CENTER OF THE STRUCTURE.

3

LANDSCAPING ITEMS

STATION TO STATION	DIR	LOCATION	625.0100 TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0140 SEEDING MIXTURE NO. 40 LB
KHS PROJECT					
11+65 - 14+23	RT	E. KENNEDY AVE	488	0.3	9
20+00 - 25+22	RT	ENTRANCE ROAD	708	0.4	13
20+77 - 22+80	LT	ENTRANCE ROAD	268	0.2	5
50+25 - 51+61	LT & RT	N. SIDEWALK	250	0.2	4
SUBTOTAL			1,715	1.1	31
UNDISTRIBUTED			485	0.3	9
KHS TOTALS			2,200	1	40

EROSION CONTROL

STATION TO STATION	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2008 EROSION MAT URBAN CLASS 1 TYPE B SY	628.7005 INLET PROTECTION TYPE A EA	628.7015 INLET PROTECTION TYPE C EA
KHS PROJECT						
11+65 - 14+23	E. KENNEDY AVE	1	1	488	---	4
20+00 - 25+22	ENTRANCE ROAD RT	---	---	708	1	3
20+77 - 22+80	ENTRANCE ROAD LT	---	---	268	---	2
50+25 - 51+61	N. SIDEWALK	---	---	250	1	---
UNDISTRIBUTED		---	---	485	---	---
KHS TOTALS		1	1	2,200	2	9

3

PERMANENT SIGNS TYPE II AND SIGN SUPPORTS

SIGN NO.	STATION	REFERENCE LINE	FACE DIR.	SIGN CODE	SIGN SIZE	DESCRIPTION	SIGN DIMENSIONS W X H IN X IN	AREA SF	634.0614 POSTS WOOD 4 X 6-INCH 14 FT EACH	634.0616 16 FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
KHS PROJECT													
103	12+49 , RT	E. KENNEDY AVE	EB	R3-8F	2S	LEFT ONLY, RIGHT ONLY	36 X 30	7.50	---	1	7.50	---	
104	13+44 , RT	E. KENNEDY AVE	EB	S1-1	2S	SCHOOL ADVANCE	36 X 36	6.75	---	1	---	6.75	
105	13+44 , RT	E. KENNEDY AVE	EB	WF16-9P	2S	AHEAD	24 X 8	6.25	---	---	---	6.25	INSTALL BELOW SIGN 104
106	13+44 , RT	E. KENNEDY AVE	EB	R2-6P	2S	FINES HIGHER	24 X 18	3.00	---	---	3.00	---	INSTALL BELOW SIGN 104
107	20+56 , RT	ENTRANCE RD	EB	S1-1	2S	SCHOOL ADVANCE	36 X 36	6.75	---	1	---	6.75	
108	20+56 , RT	ENTRANCE RD	EB	WF16-7L	2S	DIAGONAL ARROW LEFT	24 X 12	2.00	---	---	---	2.00	INSTALL BELOW SIGN 106
109	15+28 , RT	E. KENNEDY AVE	NB	S1-1	2S	SCHOOL ADVANCE	36 X 36	6.75	---	1	---	6.75	
110	15+28 , RT	E. KENNEDY AVE	NB	WF16-7L	2S	DIAGONAL ARROW LEFT	24 X 12	2.00	---	---	---	2.00	INSTALL BELOW SIGN 108
111	15+53 , LT	E. KENNEDY AVE	SB	S1-1	2S	SCHOOL ADVANCE	36 X 36	6.75	---	1	---	6.75	
112	15+53 , LT	E. KENNEDY AVE	SB	WF16-7L	2S	DIAGONAL ARROW LEFT	24 X 12	2.00	---	---	---	2.00	INSTALL BELOW SIGN 110
201	26+36 , LT	ENTRANCE RD	EB	R6-2L	2S	ONE WAY LEFT	24 X 30	5.00	---	1	5.00	---	
202	26+78 , RT	ENTRANCE RD	EB	R6-2L	2S	ONE WAY LEFT	24 X 30	5.00	---	1	5.00	---	
203	28+62 , LT	ENTRANCE RD	SB	R5-1A	2S	WRONG WAY	36 X 24	6.00	1	---	6.00	---	
204	28+62 , RT	ENTRANCE RD	NB	R3-8F	2S	LEFT ONLY, RIGHT ONLY	36 X 30	7.50	---	1	7.50	---	
205	28+62 , RT	ENTRANCE RD	SB	R5-1A	2S	WRONG WAY	36 X 24	6.00	---	---	6.00	---	INSTALL ON SAME POST AS 204
206	28+93 , LT	ENTRANCE RD	EB	R6-2L	2S	ONE WAY LEFT	24 X 30	5.00	---	1	5.00	---	
207	28+93 , LT	ENTRANCE RD	WB	R6-2R	2S	ONE WAY RIGHT	24 X 30	5.00	---	---	5.00	---	INSTALL ON SAME POST AS 206
208	29+41 , RT	ENTRANCE RD	EB	R6-2L	2S	ONE WAY LEFT	24 X 30	5.00	---	1	5.00	---	
209	29+41 , RT	ENTRANCE RD	WB	R6-2R	2S	ONE WAY RIGHT	24 X 30	5.00	---	---	5.00	---	INSTALL ON SAME POST AS 208
210	29+96 , LT	ENTRANCE RD	NB	R1-1	2S	STOP	30 X 30	5.18	---	1	5.18	---	
211	29+96 , LT	ENTRANCE RD	SB	R5-1	2S	DO NOT ENTER	30 X 30	6.25	---	---	6.25	---	INSTALL ON SAME POST AS 210
212	29+96 , RT	ENTRANCE RD	SB	R5-1	2S	DO NOT ENTER	30 X 30	6.25	---	---	6.25	---	INSTALL ON SAME POST AS M201
KHS TOTALS									1	11	77.68	39.25	

MOVING SIGNS TYPE II AND MOVING SMALL SIGN SUPPORTS

SIGN NO.	STATION	LOCATION	DESCRIPTION	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
KHS PROJECT						
M201	29+96	RT	ENTRANCE ROAD	STOP	1	1

KHS TOTALS 1 1

PROJECT NO: E2082A13

KIMBERLY HIGH SCHOOL

COUNTY: OUTAGAMIE

MISCELLANEOUS QUANTITIES

SHEET

27

E

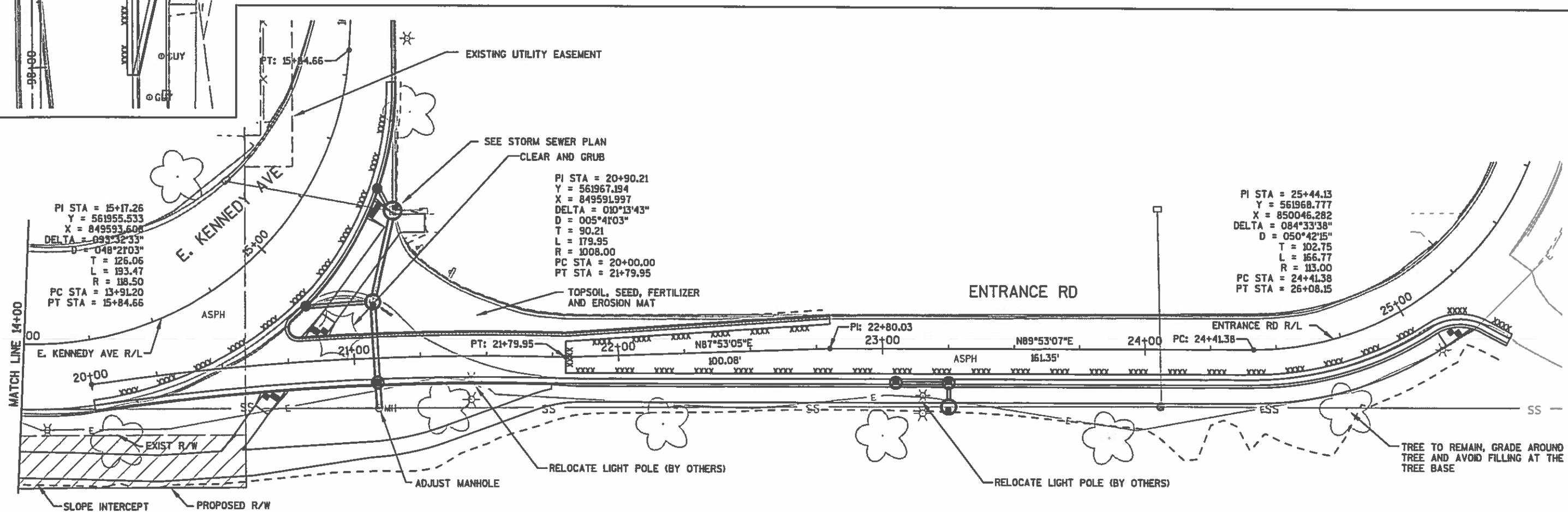
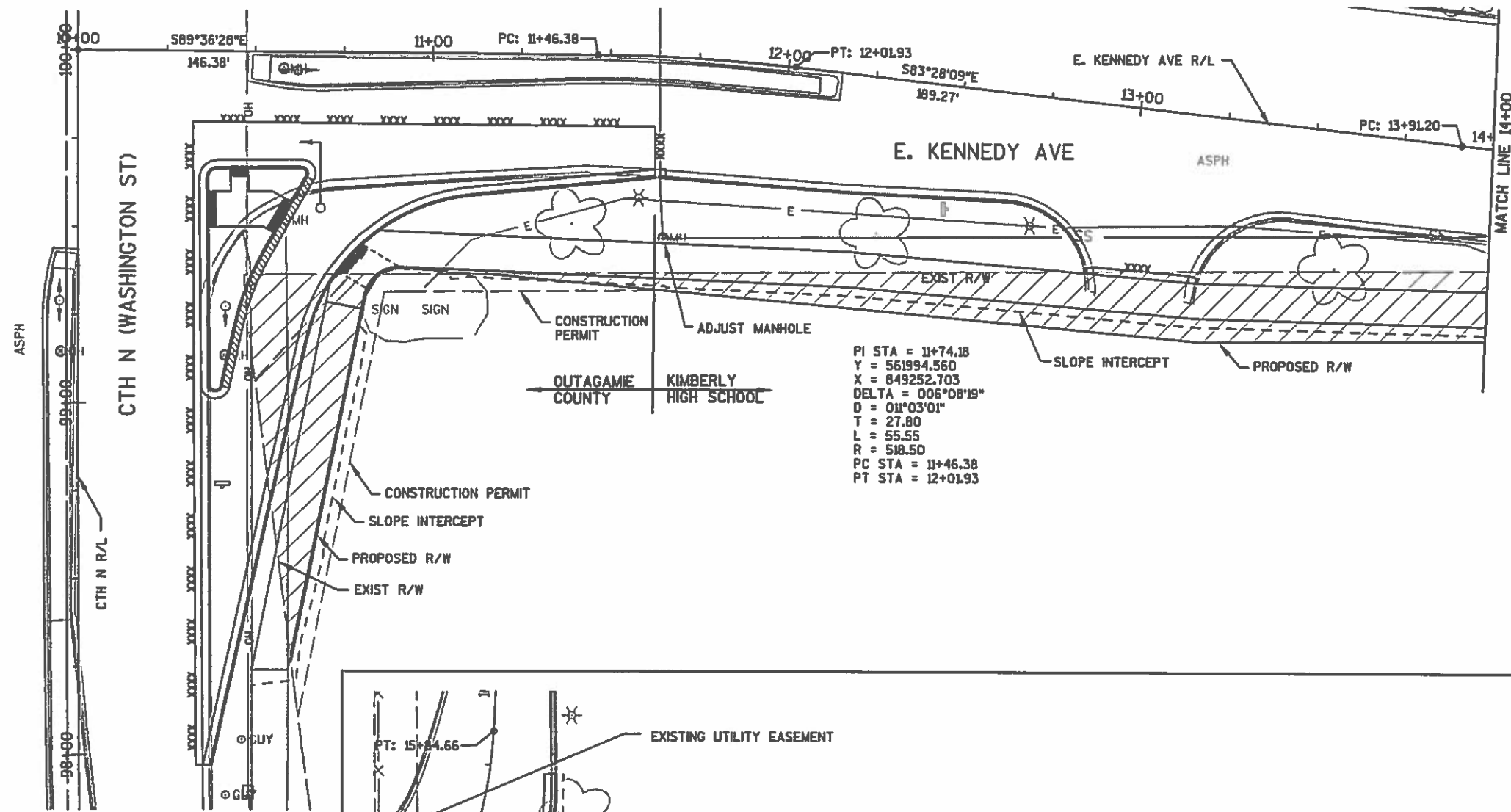
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3

PRINT DATE: May 5, 2014

5

5



PROJECT NO: 594800-14

HWY: CTH N

COUNTY: OUTAGAMIE

PLAN:

SHEET

29

E

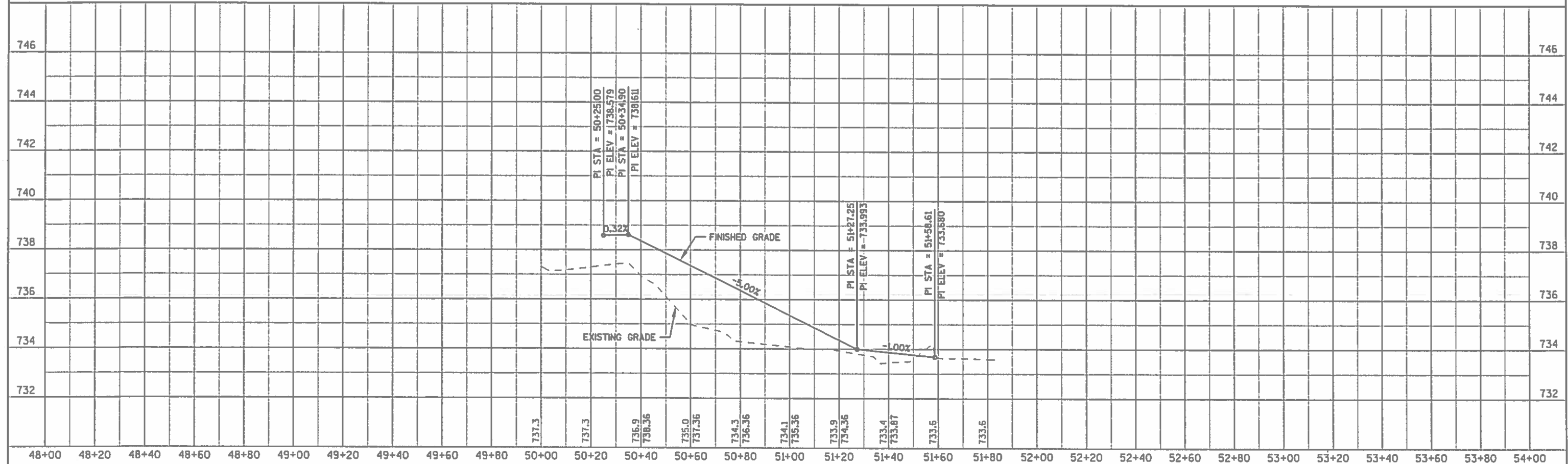
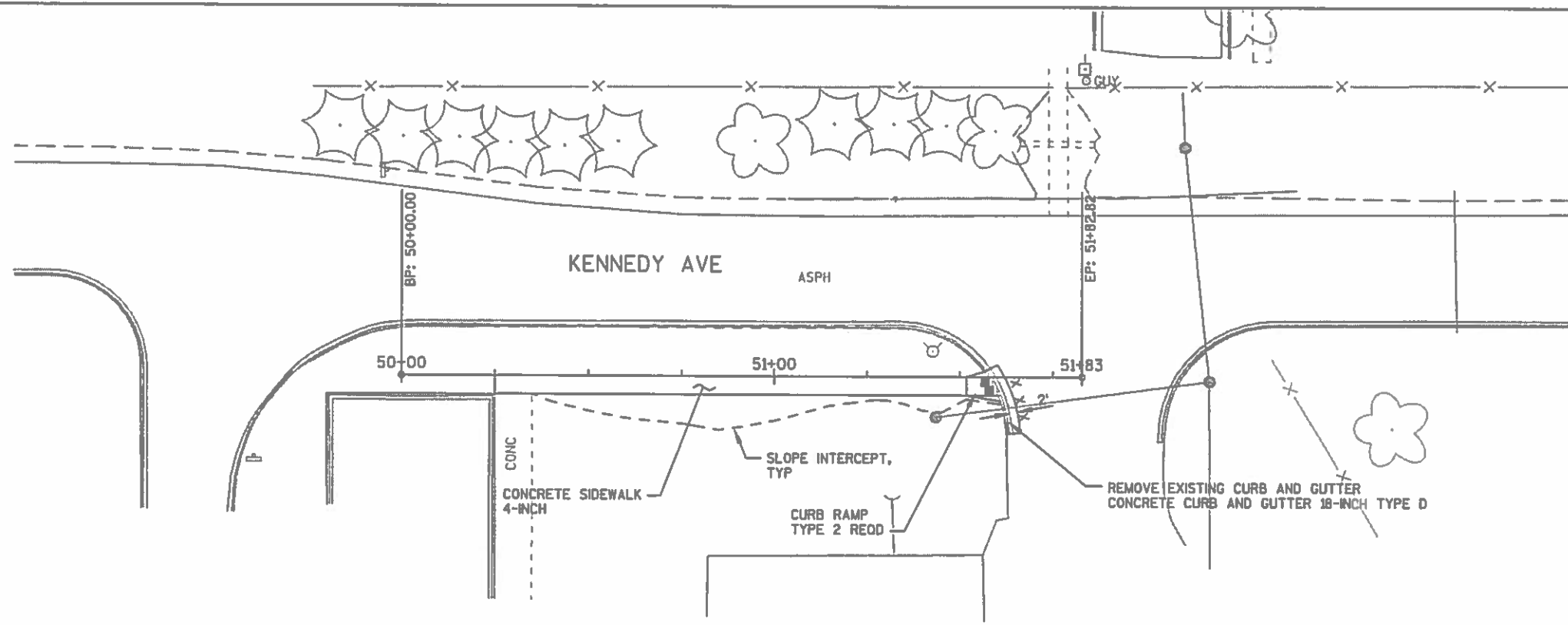
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E2082 050101 PP

PLOT DATE : 4/30/2014 8:56 AM

PLOT BY : OMNI ASSOCIATES, INC - DAVE PERRY

WISDOT/CADDs SHEET 44



TYPICAL CROSS SLOPE ON ALL  
SIDEWALKS AND TRAILS IS 1.5% MAX AND  
ALL ROUTES ARE ADA ACCESSIBLE.  
CROSS SECTIONS MAY BE CUT AT A  
SKEW TO THE SIDEWALK AND THE CROSS  
SLOPE LABEL DOES NOT REFLECT THE  
1.5% PERPENDICULAR SLOPE

98  
+  
75

735

730

725

-20

-10

R/L

0

10

20

30

40

50

60

70

80

90

100

110

120

98  
+  
50

735

730

725

-20

-10

R/L

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735

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110

120

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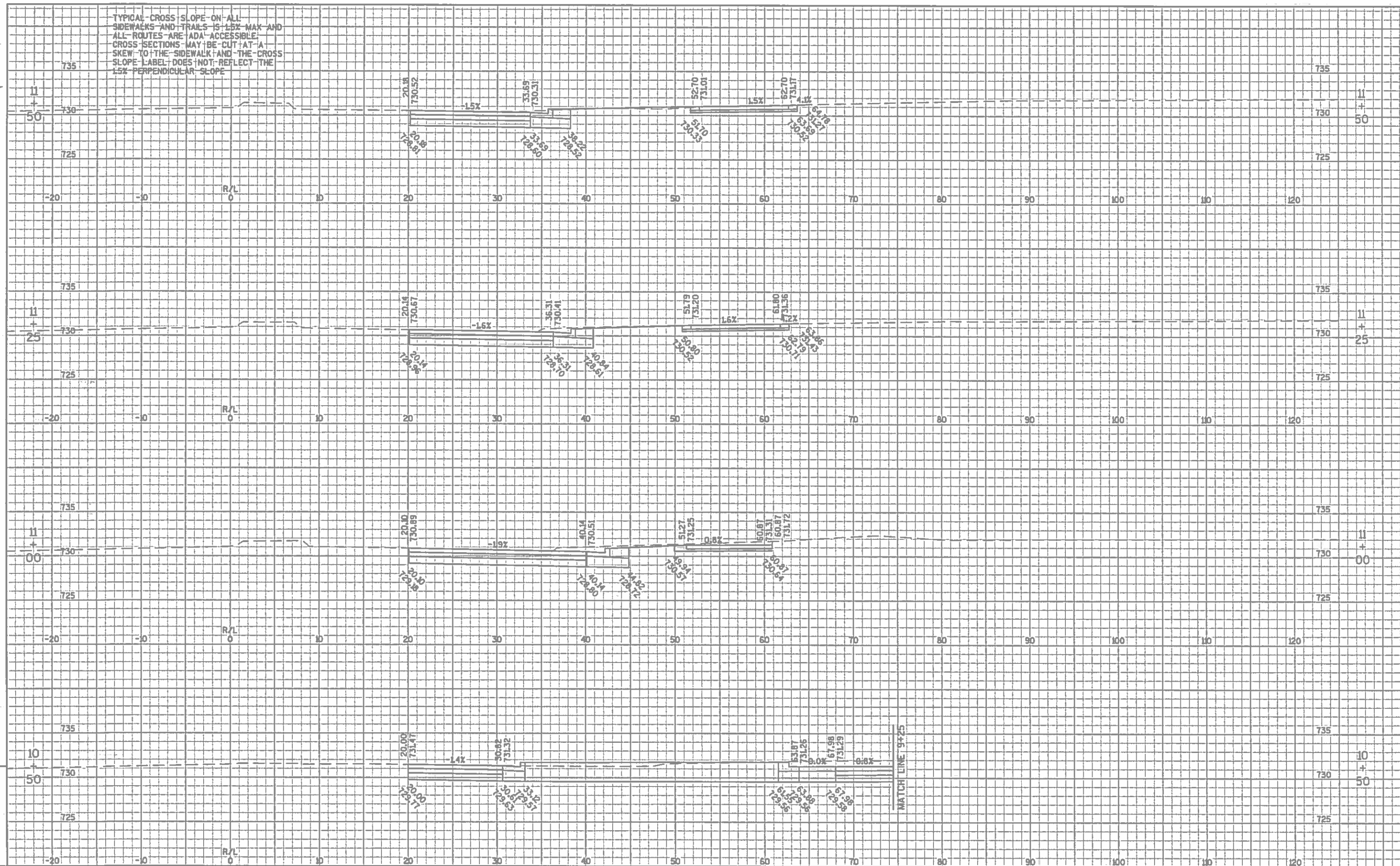




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TYPICAL CROSS SLOPE ON ALL  
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CROSS SECTIONS MAY BE CUT AT A  
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1.5% PERPENDICULAR SLOPE



PROJECT NO:594800-14

HWY: CTH N

COUNTY: OUTAGAMIE

CROSS SECTIONS: KENNEDY AVE

SHEET 77

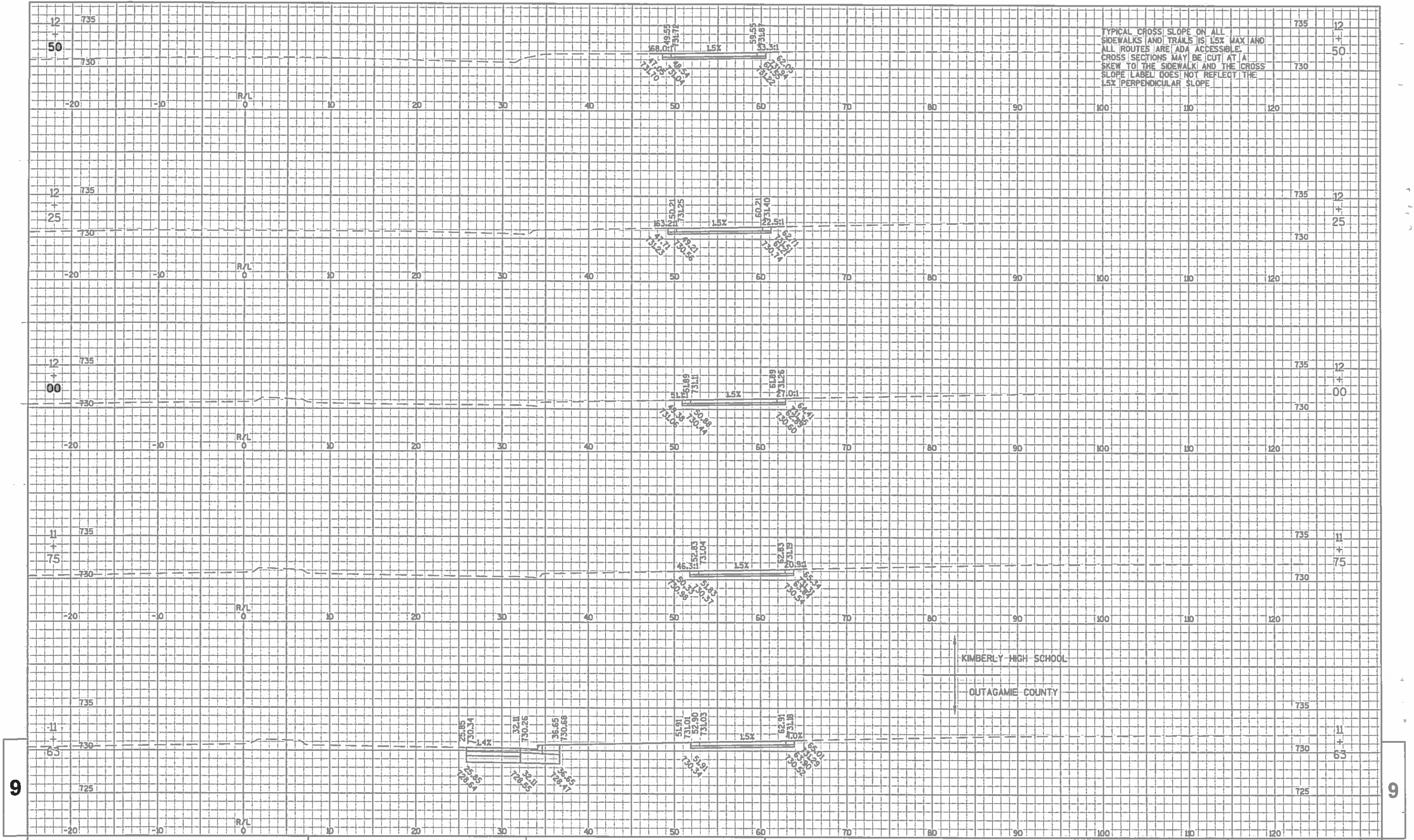
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E2082 000210

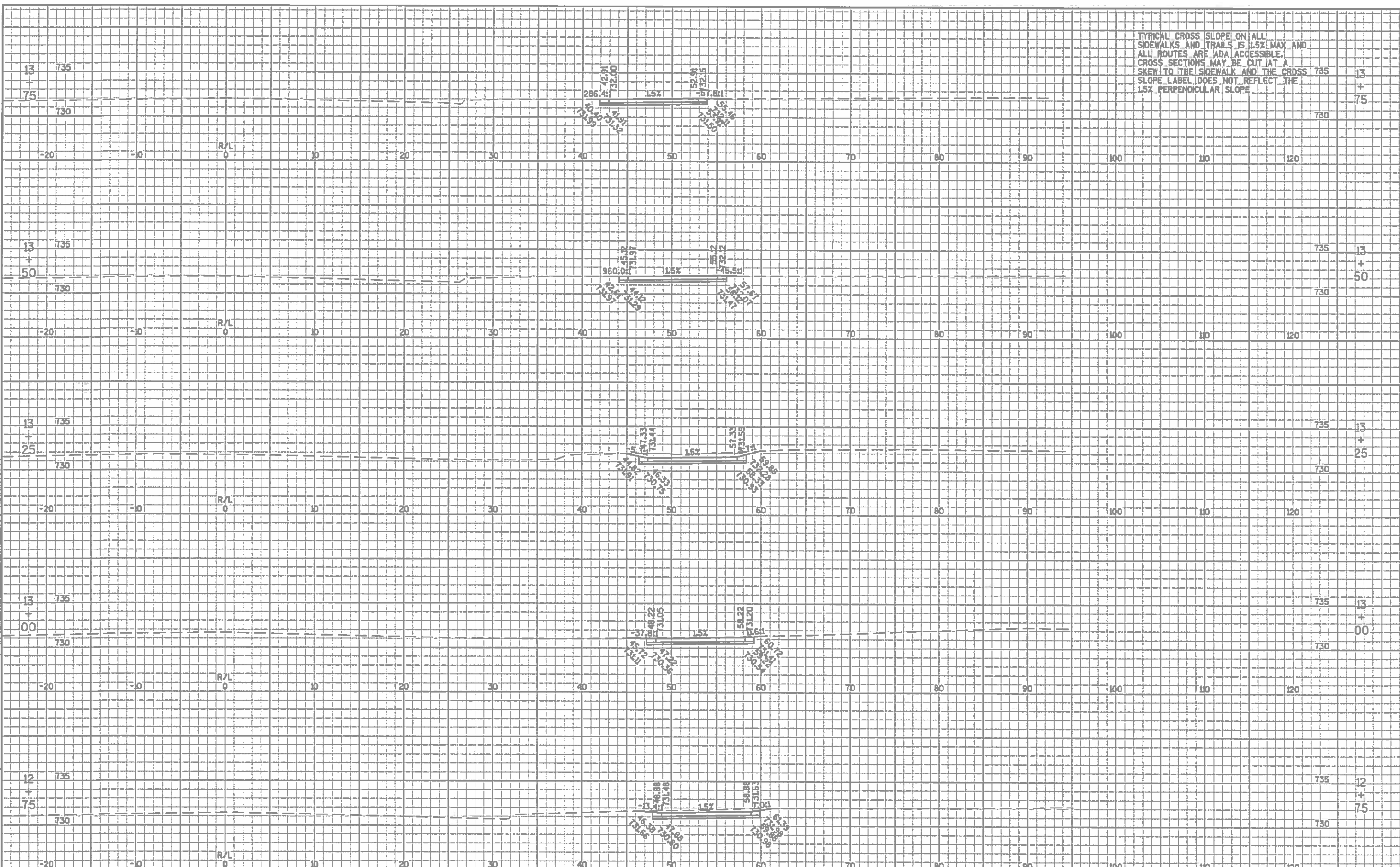
PLOT DATE : 4/30/2014 8:42 AM

PLOT BY : OMNI ASSOCIATES, INC - DAVE PERRY

WISDOT/CADDs SHEET 49



TYPICAL CROSS SLOPE ON ALL  
SIDEWALKS AND TRAILS IS 1.5% MAX AND  
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SKEW TO THE SIDEWALK AND THE CROSS  
SLOPE LABEL DOES NOT REFLECT THE  
1.5% PERPENDICULAR SLOPE



PROJECT NO: E2082C13

HWY: CTH N

COUNTY: OUTAGAMIE

CROSS SECTIONS: KENNEDY AVE

SHEET 79

E

FILE NAME : F:\TR\JOBS\E2082A13\CIVIL 3D 2012\SHEETSP\AN\E2082\_090200.XS.DWG

PLOT DATE : 4/30/2014 8:42 AM

PLOT BY : OMNI ASSOCIATES, INC - DAVE PERRY

E2082 000212

WISDOT/CADDs SHEET 49



14 + 75  
 14 + 50  
 14 + 25  
 14 + 00

735  
 730  
 725

-20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120

R/L  
 0

23.71  
 731.21  
 33.79  
 731.11  
 42.55  
 730.91  
 65.29  
 729.50  
 70.45  
 729.81  
 79.09  
 729.52  
 81.29  
 729.39  
 81.85  
 729.01

-0.9%  
 -2.3%  
 -3.4%

23.43  
 731.42  
 29.57  
 731.29  
 53.34  
 731.16  
 63.85  
 730.93  
 66.34  
 730.91

-2.2%  
 -2.2%

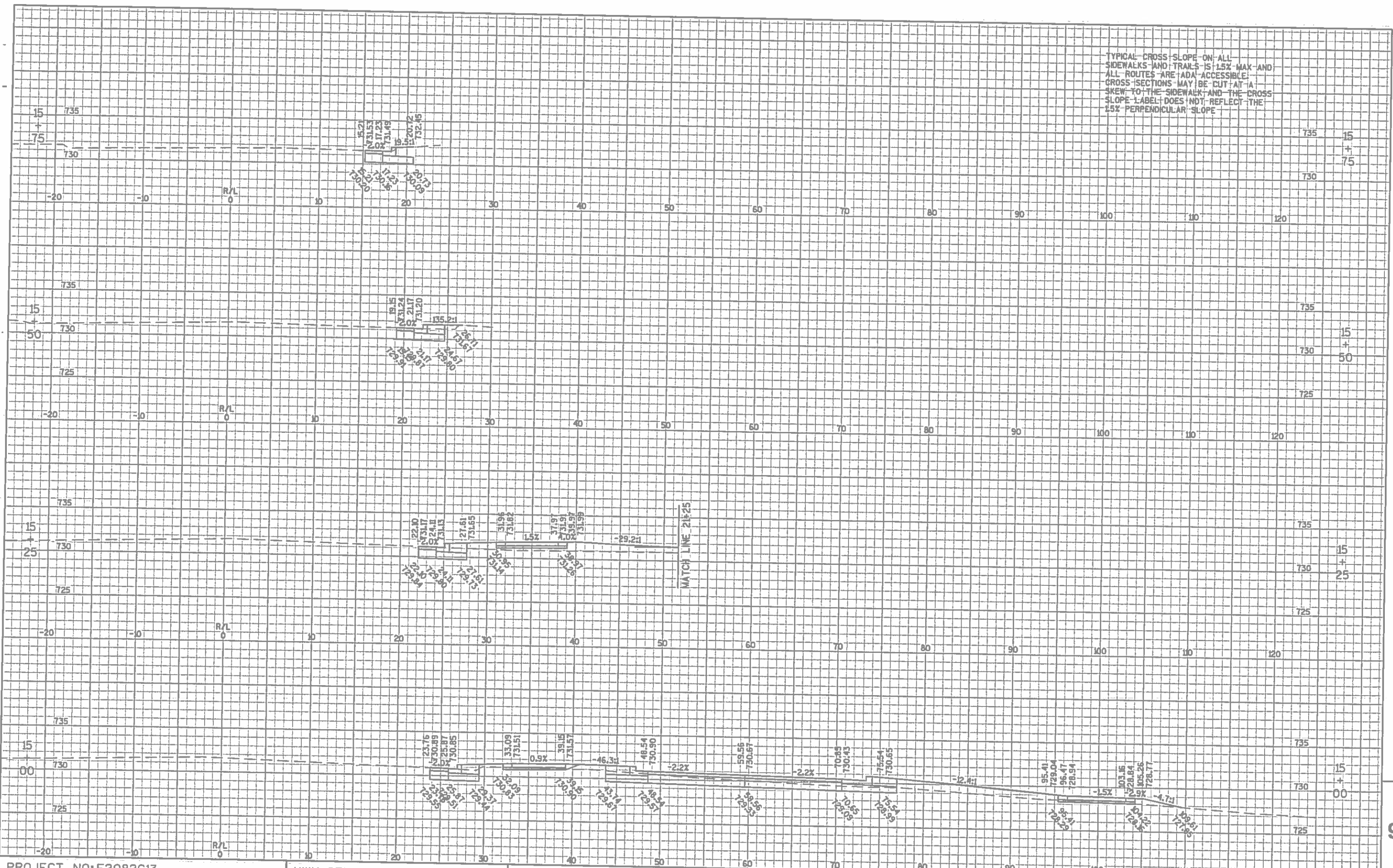
22.97  
 731.57  
 25.02  
 731.53  
 28.52  
 730.13  
 40.08  
 732.04  
 50.88  
 732.19

-88.8%  
 -0.0%  
 -100.3%

15%

TYPICAL CROSS SLOPE ON ALL SIDEWALKS AND TRAILS IS 1.5% MAX AND ALL ROUTES ARE ADA ACCESSIBLE. CROSS SECTIONS MAY BE CUT AT AN ANGLE TO THE SIDEWALK AND THE CROSS SLOPE LABEL DOES NOT REFLECT THE 1.5% PERPENDICULAR SLOPE.

TYPICAL CROSS-SLOPE ON ALL  
SIDEWALKS AND TRAILS IS 1.5% MAX AND  
ALL ROUTES ARE ADA ACCESSIBLE  
CROSS SECTIONS MAY BE CUT AT A  
SKEW TO THE SIDEWALK AND THE CROSS  
SLOPE LABEL DOES NOT REFLECT THE  
1.5% PERPENDICULAR SLOPE



PROJECT NO: E2082C13

HWY: CTH N

COUNTY: OUTAGAMIE

CROSS SECTIONS: KENNEDY AVE

SHEET

81

E

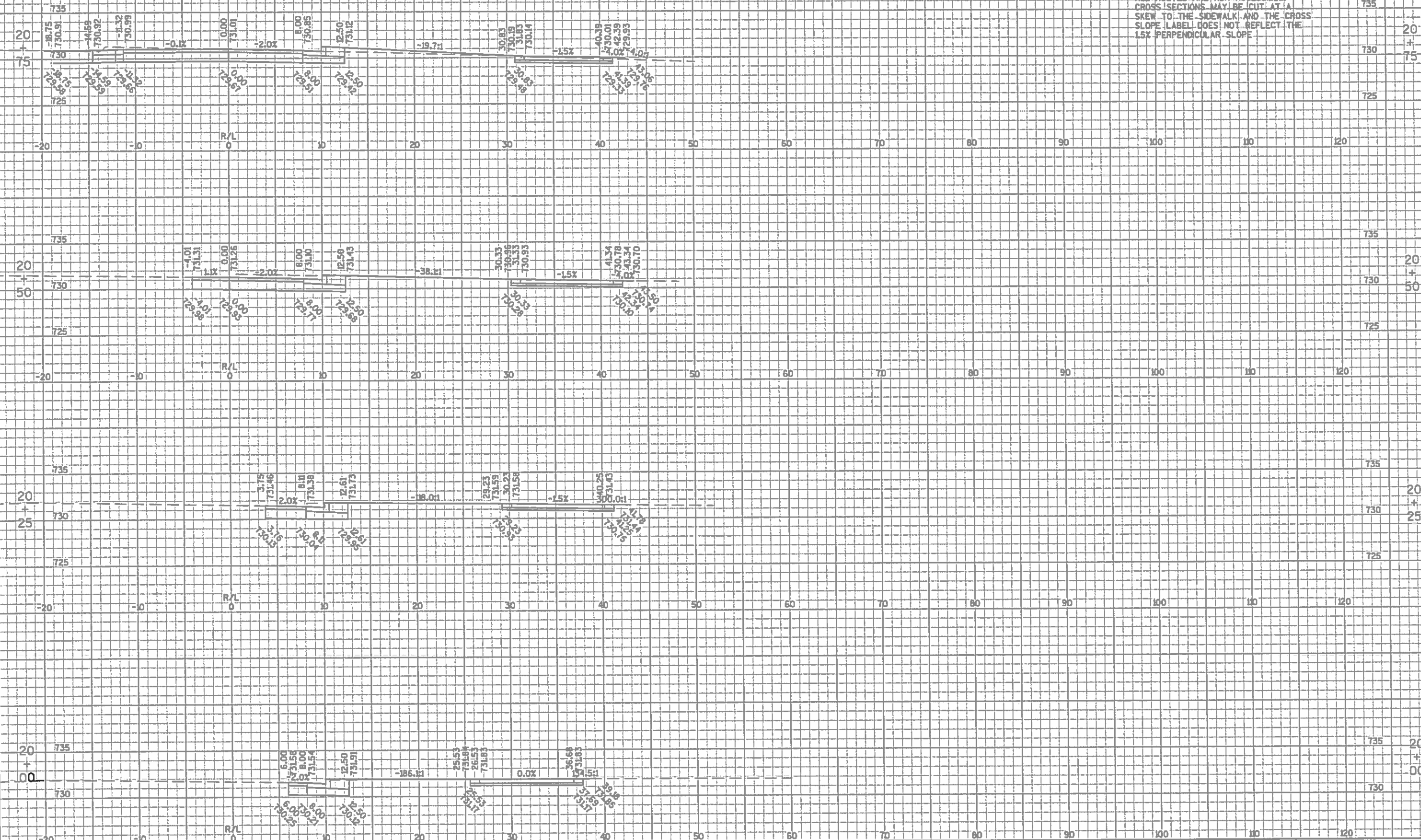
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PLOT DATE : 4/30/2014 8:42 AM

PLOT BY : OMNI ASSOCIATES, INC - DAVE PERRY

WISDOT/CADD SHEET 49

TYPICAL CROSS SLOPE ON ALL  
SIDEWALKS AND TRAILS IS 1.5% MAX AND  
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1.5% PERPENDICULAR SLOPE





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9

9

PROJECT NO:E2082C13

HWY: CTH N

COUNTY: OUTAGAMIE

CROSS SECTIONS: ENTRANCE RD

SHEET 83

E

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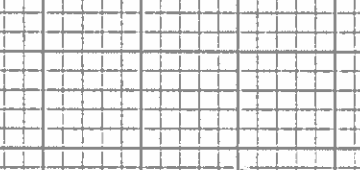
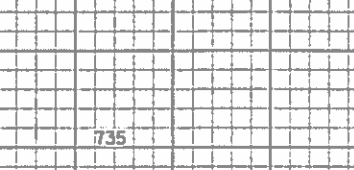
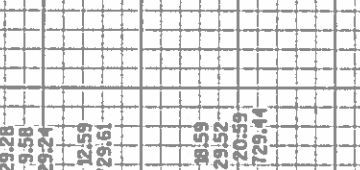
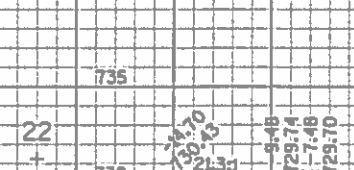
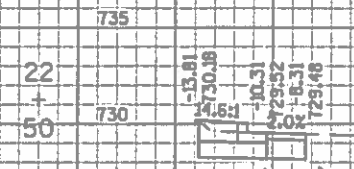
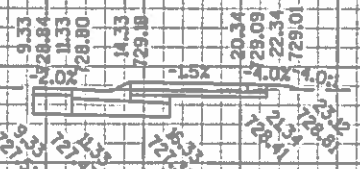
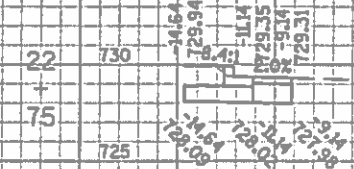
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PLOT BY : OMNI ASSOCIATES, INC - DAVE PERRY

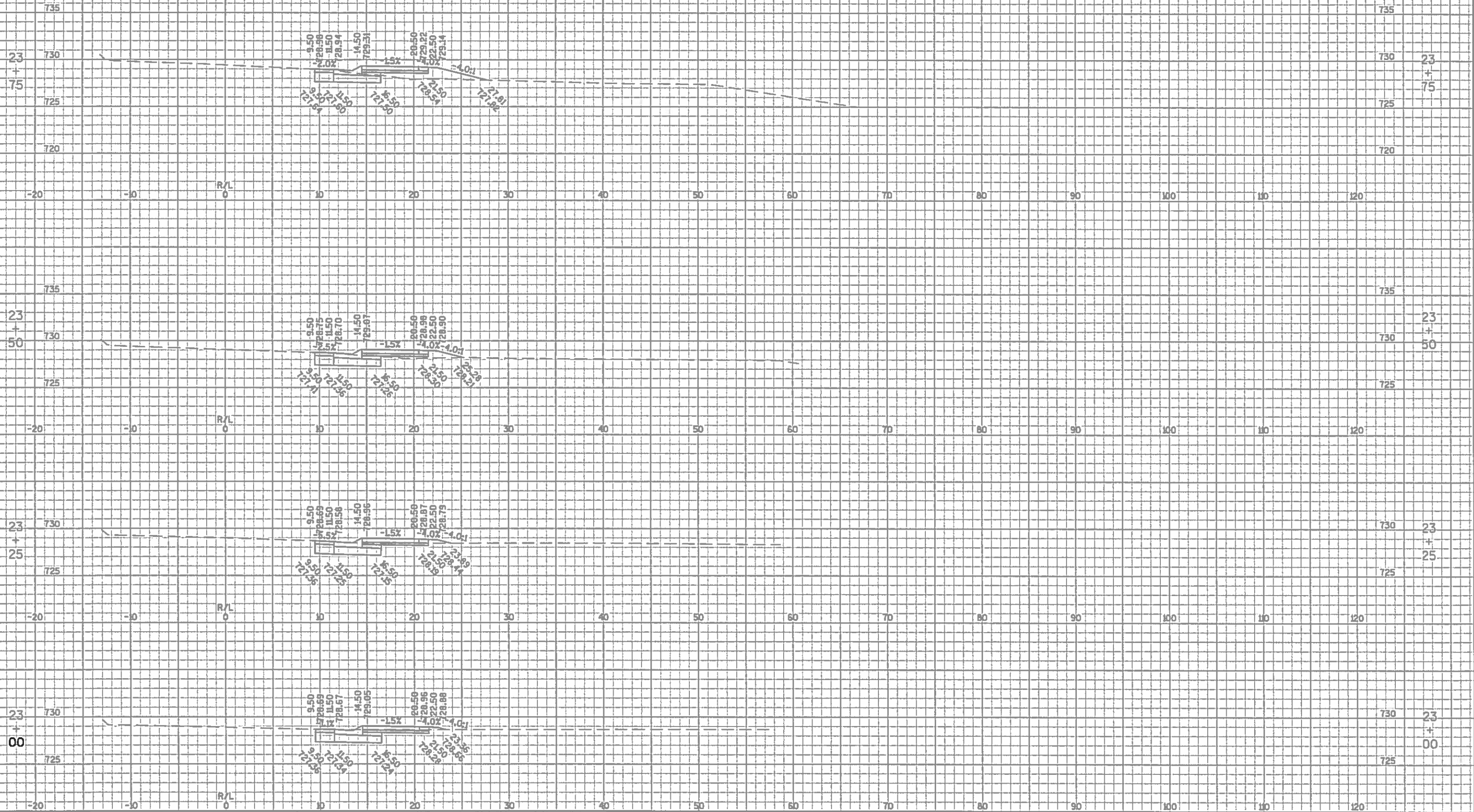
WISDOT/CADDs SHEET 49

TYPICAL CROSS SLOPE ON ALL SIDEWALKS AND TRAILS IS 1.5% MAX. AND ALL ROUTES ARE ADA ACCESSIBLE. CROSS SECTIONS MAY BE CUT AT A SKEW TO THE SIDEWALK AND THE CROSS SLOPE LABEL DOES NOT REFLECT THE 1.5% PERPENDICULAR SLOPE.





TYPICAL CROSS SLOPE ON ALL  
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CROSS SECTIONS MAY BE CUT AT A  
SKEW TO THE SIDEWALK AND THE CROSS  
SLOPE LABEL DOES NOT REFLECT THE  
1.5% PERPENDICULAR SLOPE



PROJECT NO:E2082C13

HWY: CTH N

COUNTY: OUTAGAMIE

CROSS SECTIONS: ENTRANCE RD

SHEET	85
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E

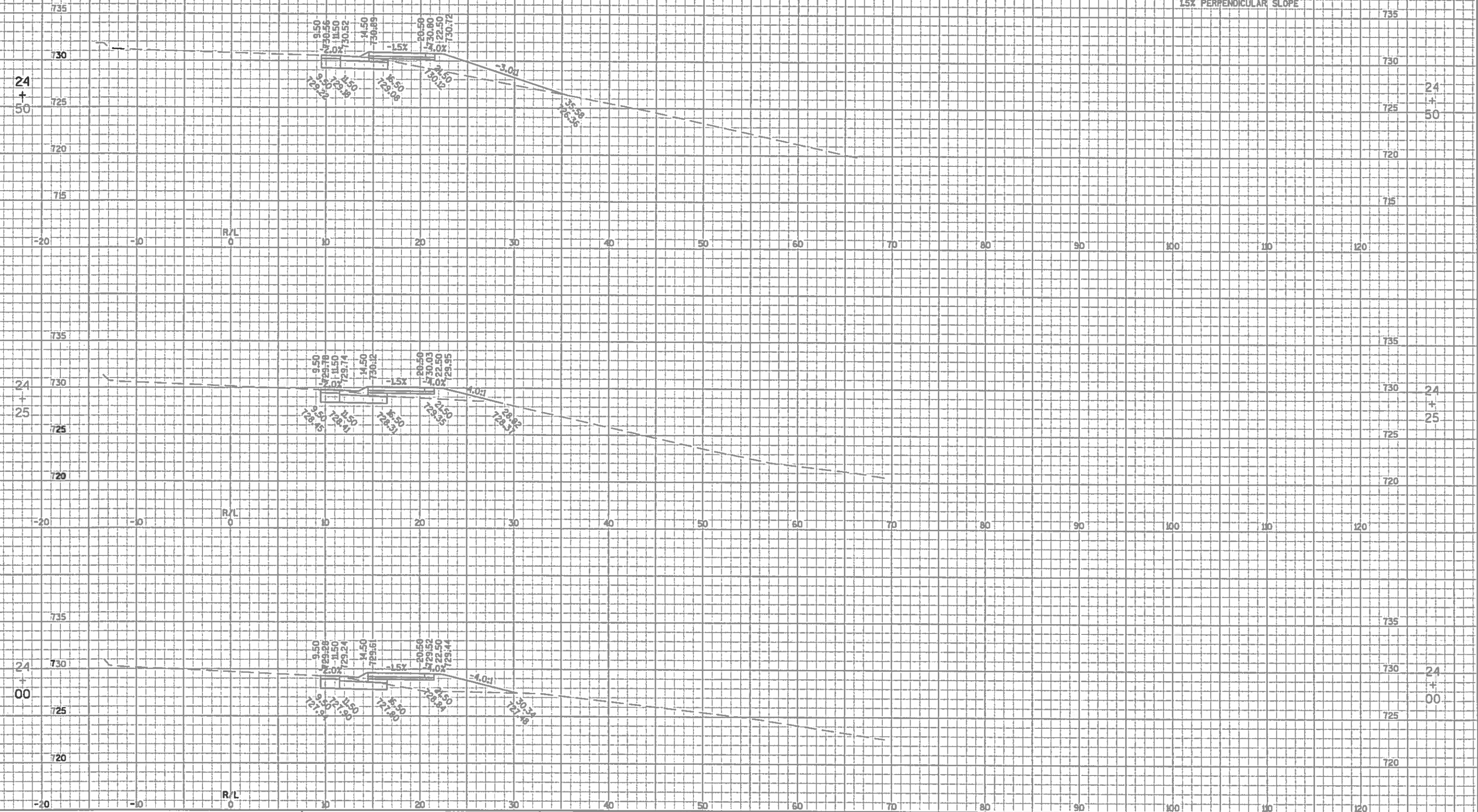
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E2082 000220

PLOT DATE : 4/30/2014 8:43 AM

PLOT BY : OMNI ASSOCIATES, INC - DAVE PERRY

WISDOT/CADDSS SHEET 49

TYPICAL CROSS SLOPE ON ALL  
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1.5% PERPENDICULAR SLOPE



9



E2082 000223 03



