

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	104RS-6	ILLINOIS	32	1
CONTRACT NO. 78596				

01-18-2019 LETTING ITEM 077

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6-9

PROPOSED HIGHWAY PLANS

FAP ROUTE 885 (IL 146)
SECTION 104RS-6
PROJECT DELTA-ZEA4(595)
RESURFACING AND ADA IMPROVEMENTS
UNION COUNTY

C-99-050-17

D-99-050-17



TRAFFIC DATA

IL 146 2015 ADT= 10400 WITH 9.7% TRUCKS

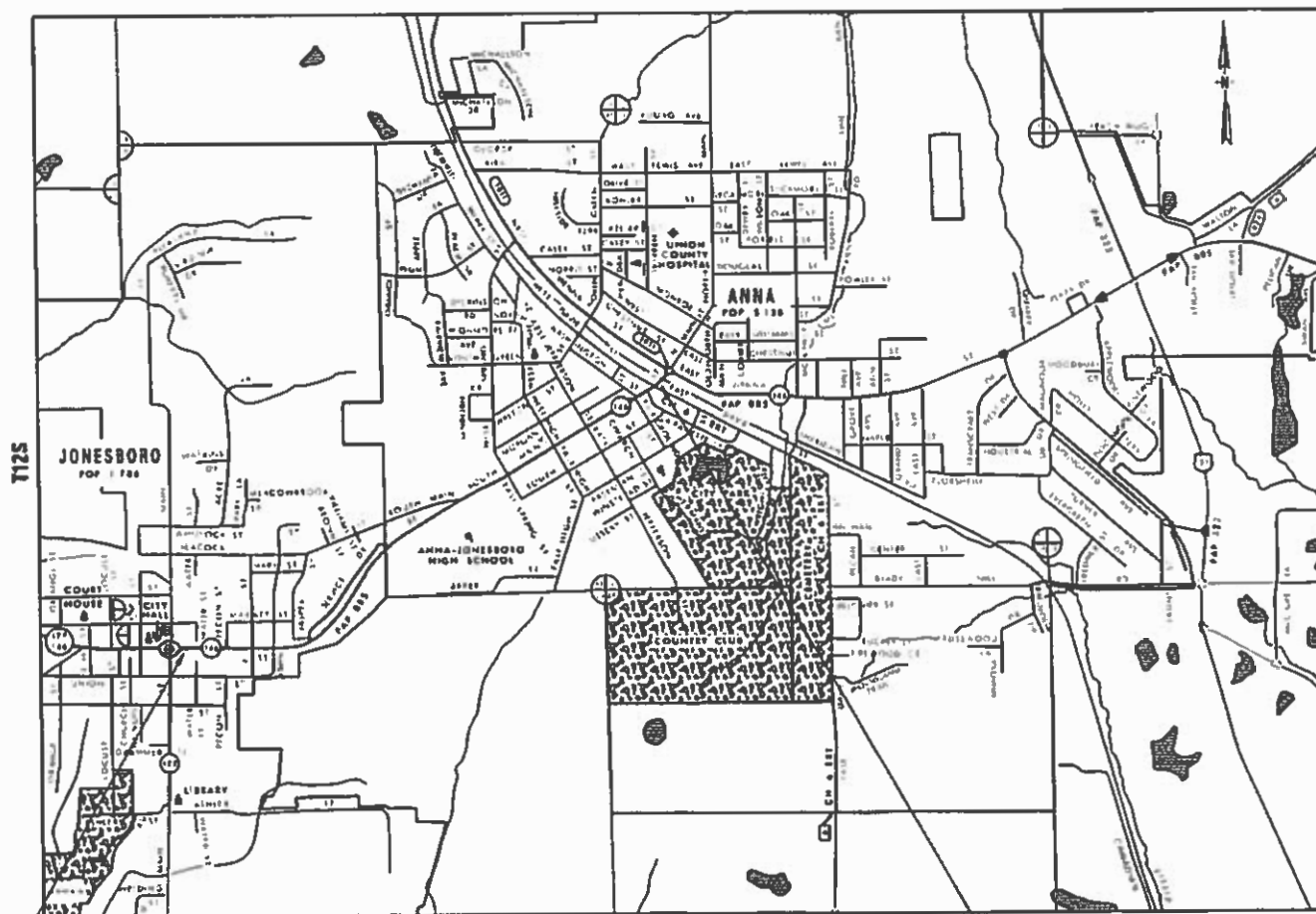
DESIGN DESIGNATION : N.A.

COORDINATE SYSTEM : EPSG:102672 NAD 1983 StatePlane
Illinois West FIPS 1202 Feet

POSTED SPEED : VARIES

- JONESBORO PUBLIC SQUARE TO START OF TRUCK CLIMBING LANE 35MPH.
- START OF TRUCK CLIMBING LANE TO SPRING ST. 45MPH.
- SPRING ST. TO JEFFERSON ST. 30MPH.
- JEFFERSON ST. TO VIENNA ST. 20MPH.

TOWNSHIP: ANNA



PROPOSED PROJECT BEGINS
STATION 0+21.00

GROSS LENGTH OF PROJECT = 1.338 MILES
NET LENGTH OF PROJECT = 1.338 MILES

PROPOSED PROJECT ENDS
STATION 70+84.50

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER PATRICK NAAS
PROJECT MANAGER SUSAN POE

CONTRACT NO. 78596

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct 10 2018

Jeffrey Z. Keiser
REGION FIVE ENGINEER

Dec 7 2018
SoE Etc
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 7 2018
Paul P. [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Prepared By:

DISTRICT STUDIES & PLANS ENGINEER

Examined By:

Nancy Stei

DISTRICT LAND ACQUISITION ENGINEER

Examined By:

Carrie Nelson

DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By:

Kul Singh

DISTRICT OPERATIONS ENGINEER

Examined By:

[Signature]

DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

Daryl J. [Signature]

DISTRICT CONSTRUCTION ENGINEER

Examined By:

[Signature]

DISTRICT MATERIALS ENGINEER

FILE NAME =	USER NAME = naasdp	DESIGNED -	REVISED -
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	PLOT DATE = 8/7/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNATURES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						885	104RS-6	UNION	32	2
						CONTRACT NO. 78596				
						ILLINOIS FED. AID PROJECT				

HIGHWAY STANDARDS

000001-07 STANDARD SYMBOLS ABBREVIATIONS & PATTERNS
 001006 DECIMAL OF INCH & FOOT
 424001-11 PERPENDICULAR CURB RAMPS
 424006-04 DIAGONAL CURB RAMPS
 424011-04 CORNER PARALLEL CURB RAMPS
 424016-05 MID BLOCK CURB RAMPS
 424021-05 DEPRESSED CORNER
 424026-03 ENTRANCE ALLEY PEDESTRIAN CROSSINGS
 424031-02 MEDIAN PEDESTRIAN CROSSINGS
 442201-03 CLASS C & D PATCHES
 604006-05 FRAME & GRATE TYPE 3
 606001-07 CONC CURB TYPE B & COMBO CONC C & G
 701001-02 OFF RD OP-2L2W-15FT MIN FROM EOP
 701006-05 OFF RD OP-2L2W-15 FT TO EOP
 701301-04 LN CLOSURE 2L2W- SHORT TIME OP
 701311-03 LN CLOSURE 2L2W- MOVING OP DAY ONLY
 701501-06 URBAN LN CLOSURE 2L2W- UNDIVIDED
 701502-09 URBAN LN CLOSURE 2L2W WITH BIDIRECT LEFT TURN LN
 701801-06 SIDEWALK CORNER OR CROSSWALK CLOSURE
 701901-08 TRAF CNTRL DEVICES
 780001-05 TYPICAL PVMT MRKINGS

INDEX OF SHEETS

1 COVER SHEET
 2 SIGNATURES SHEET
 3 LIST OF STANDARDS / INDEX OF SHEETS
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 5 MIXTURE REQUIREMENTS
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 18 TIE POINT LOCATIONS
 19 SIDEWALK RAMP LAYOUT SHEET
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 30 DETAIL SHEETS: BUTT-JOINT TRANSITION, SIDEROAD DETAILS,
 HMA SURFACE REMOVAL TRANSITION
 31 DETAIL SHEETS: UNEVEN LANES SIGN, ROUGH GROOVED SURFACE SIGN,
 INLET SPECIAL
 32 DETAIL SHEETS: PIPE HANDRAIL

REV. - MS

FILE NAME =	USER NAME = naasdp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHWAY STANDARDS / INDEX OF SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL04EBID\INTEG.illinois.gov.PWIDOT\Documents\ID	OT Offices\District 9\Projects\78596\CADData\CADsheet\ID978596	BRAMM	REVISED -			885	104RS-6	UNION	32	3	
Default	PLOT SCALE = 96.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78596					
	PLOT DATE = 10/11/2018	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

GENERAL NOTES

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED WILL BE DETERMINED BY THE ENGINEER.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT 2.016 TONS/CU.YD.
 ALL AGGREGATE 1.5 TONS/CU.YD.
 EARTH 110 LBS/ CU. FT.
 LIME 4.5, OR 6% WEIGHT OF EARTH.

EARTH EXCAVATION REQUIRED IN THE CONSTRUCTION OF THE ADA RAMP UPGRADES WILL NOT BE PAID FOR SEPERATLY AND WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMNET 5 INCHES.

ALL LOCATIONS OF DISTURBED EARTH THAT THE ENGINEER DETERMINES WILL REQUIRE SEEDING AS A RESULT OF SIDEWALK CONSTRUCTION SHALL BE SEEDED IN ACCORDANCE WITH ARTICLE 250.01 OF THE STANDARD SPECIFICATIONS. THE COST OF SEEDING SHALL BE CONSIDERED INCIDENTAL TO PCC SIDEWALK 5 INCHES.

WHEN CLASS C PATCHES ARE LOCATED IN AREAS OF EXISTING BRICK PAVEMENT, A DIAMOND BLADE WHEEL SAW MAY BE REQUIRED TO LIMIT SPALLING OF THE EXISTING PAVEMENT. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES OF THE TYPE AND SIZE OF PATCHES INVOLVED.

A QUANTITY FOR PAVEMENT FABRIC (SQ YD) HAS BEEN INCLUDED IN THE PLANS FOR ALL TYPE 3 AND TYPE 4 PATCHES.

A QUANTITY FOR TIE BARS 3/4 (EACH) HAS BEEN INCLUDED IN THE PLANS FOR PATCHES MORE THAN 20FT IN LENGTH. TIE BARS SHALL BE NO.6 TRANSVERSE TIE BARS, 24IN. LONG, EMBEDDED AT 24 IN. CENTERS.

THICKNESS OF HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE.

FORMS FOR COMBINATION CONCRETE CURB AND GUTTER, IF NOT SLIPFORMED AS PER ARTICLE 606.05, SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS MAY BE USED ON SHORT RADIUS CURVES.

PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE AS NEEDED ACCORDING TO THE SEASONAL REQUIREMENTS OF ARTICLE 420.18.

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

RECLAIMED ASPHALT PAVEMENT (RAP) WILL NOT BE ALLOWED FOR USE AS AGGREGATE IN AGGREGATE SHOULDERS, TYPE B.

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE HOT MIX ASPHALT SURFACE REMOVAL.

THE USE OF A VIBRATORY ROLLER SHALL BE PROHIBITED. THE CONTRACTOR MAY BE REQUIRED TO MAKE ROLLING PATTERN ADJUSTMENTS TO OBTAIN THE REQUIRED FIELD DENSITY.

STATIONING SHOWN ON PLANS FOR RESURFACING IS FOR CONSTRUCTION PURPOSES ONLY AND NOT TO BE STAMPED ON FINAL BITUMINOUS SURFACE.

REVISE STANDARD SPECIFICATIONS ARTICLE 107.12, PARAGRAPH 5, LAST SENTENCE TO READ: "ALL OTHER RAILROAD FLAGGER COSTS WILL BE INCURRED BY THE DEPARTMENT ACCORDING TO ARTICLE 109.05."

A CONTRACTOR'S RIGHT-OF-ENTRY PERMIT IS REQUIRED BEFORE ANY WORK CAN COMMENCE ON RAILROAD PROPERTY. THE COST TO OBTAIN THIS PERMIT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

COMMITMENTS: NONE

MTD CROSSING RESTRICTIONS TABLE

STRUCTURE NUMBER ROUTE (IL 146)	EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
	FOOT	FOOT	
SN 091-7045	28		None

MIXTURE DESIGN

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix D, N90
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
(Gradation Mixture)	IL-9.5mm
Friction Aggregate:	D Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	To Be Determined

Locations	Hot-Mix Asphalt Leveling Binder
Mixture Use(s):	Polymerized Hot-Mix Asphalt Leveling Binder, N90 Fine Graded
AC/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

SUMMARY OF QUANTITIES

COUNTY:	UNION	
ROUTE:	104RS-6	
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL
LOCATION:	URBAN	URBAN
	ROADWAY	ROADWAY
	0005	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0021
40600847	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	949	949	
40600990	TEMPORARY RAMP	SQ YD	355	355	
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	2,079	1,970	109
40700200	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	16,662	16,197	465
42001300	PROTECTIVE COAT	SQ YD	81	81	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,899	2,899	
42400800	DETECTABLE WARNINGS	SQ FT	201	201	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	11,429	10,395	1,034
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	13,255	13,255	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	308	308	
44000600	SIDEWALK REMOVAL	SQ FT	2,623	2,623	
44201361	CLASS C PATCHES, TYPE I, 11 INCH	SQ YD	80	80	

REV - MS

SUMMARY OF QUANTITIES - CONT

COUNTY:	UNION	
ROUTE:	104RS-6	
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL
LOCATION:	URBAN	URBAN
	ROADWAY	ROADWAY
	0005	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0021
44201365	CLASS C PATCHES, TYPE II, 11 INCH	SQ YD	987	987	
44201369	CLASS C PATCHES, TYPE III, 11 INCH	SQ YD	481	481	
44201371	CLASS C PATCHES, TYPE IV, 11 INCH	SQ YD	680	680	
44213100	PAVEMENT FABRIC	SQ YD	1,160	1,160	
44213204	TIE BARS 3/4"	EACH	401	401	
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	22,414	22,414	
50901760	PIPE HANDRAIL	FOOT	86.7	86.7	
60258300	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	EACH	3	3	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	9	9	
60500060	REMOVING INLETS	EACH	2	2	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	118	118	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	126	126	

SUMMARY OF QUANTITIES - CONT

COUNTY:	UNION	
ROUTE:	104RS-6	
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL
LOCATION:	URBAN	URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	0021
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	64	64	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,020	3,020	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,007	1,007	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	265	265	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	22,189	22,189	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	667	667	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	133	133	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	265	256	9

* SPECIALTY ITEM

REV. - MS

SUMMARY OF QUANTITIES - CONT

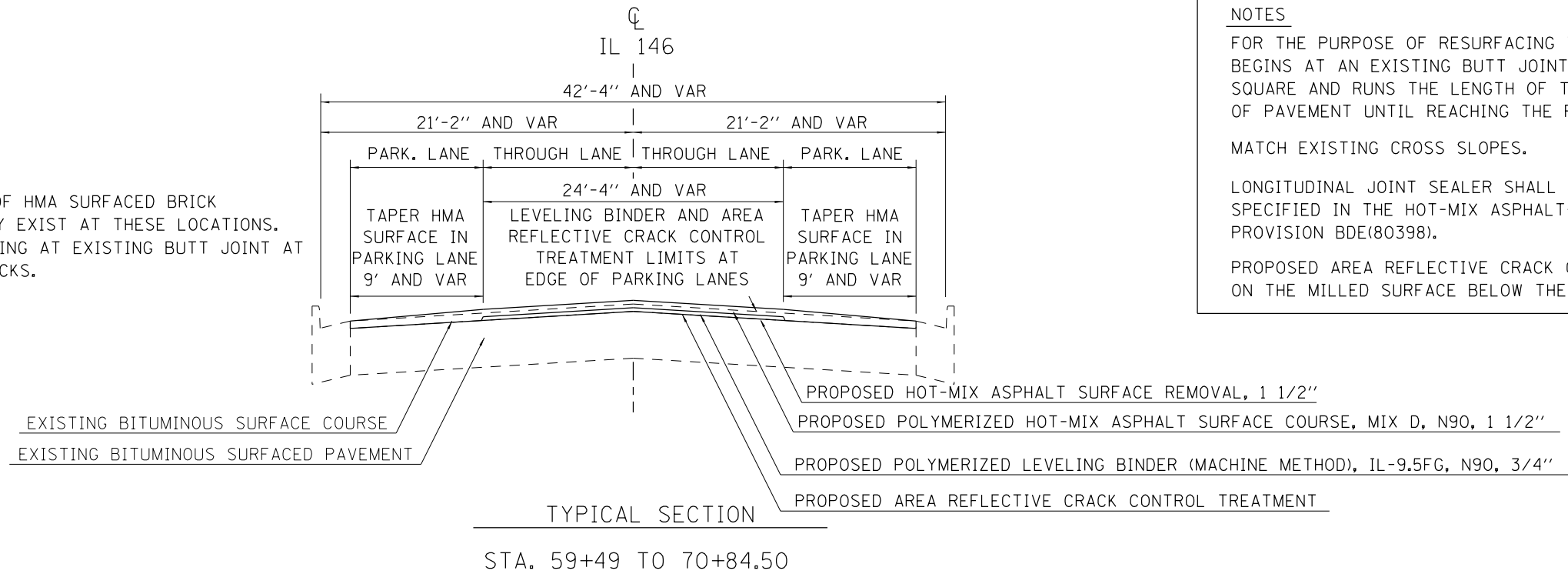
COUNTY:	UNION	
ROUTE:	104RS-6	
FUNDING:	80% FED / 20% STATE	80% FED / 20% LOCAL
LOCATION:	URBAN	URBAN
	ROADWAY	ROADWAY
	0005	0021

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005	ROADWAY 0021
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	22,189	21,635	554
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	667	667	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	133	133	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	232	232	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	232	232	
X6024240	INLETS, SPECIAL	EACH	2	2	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	126	126	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	8,260	8,260	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	10,110	10,110	
Z0034105	MATERIAL TRANSFER DEVICE	TON	3,027	3,027	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	

* SPECIALTY ITEM

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-SOME AREAS OF HMA SURFACED BRICK PAVEMENT MAY EXIST AT THESE LOCATIONS.
 -END RESURFACING AT EXISTING BUTT JOINT AT RAILROAD TRACKS.



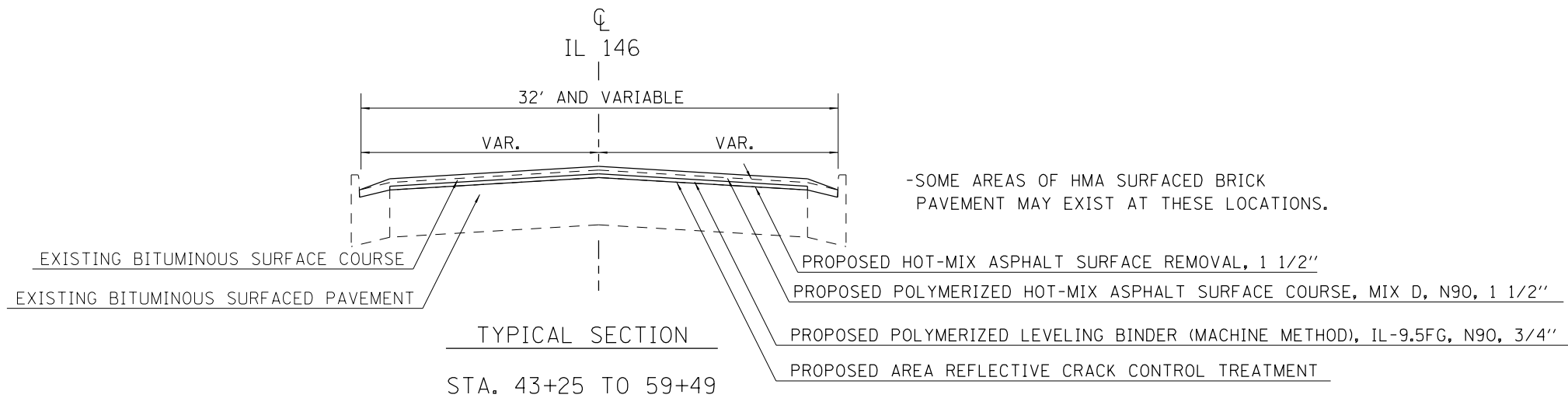
NOTES

FOR THE PURPOSE OF RESURFACING THIS CONTRACT ONLY, STATIONING (0+21.00) BEGINS AT AN EXISTING BUTT JOINT AT THE EAST LIMITS OF THE JONESBORO SQUARE AND RUNS THE LENGTH OF THE PROJECT MEASURED ALONG THE RIGHT EDGE OF PAVEMENT UNTIL REACHING THE RAIL ROAD CROSSING AT ANNA.

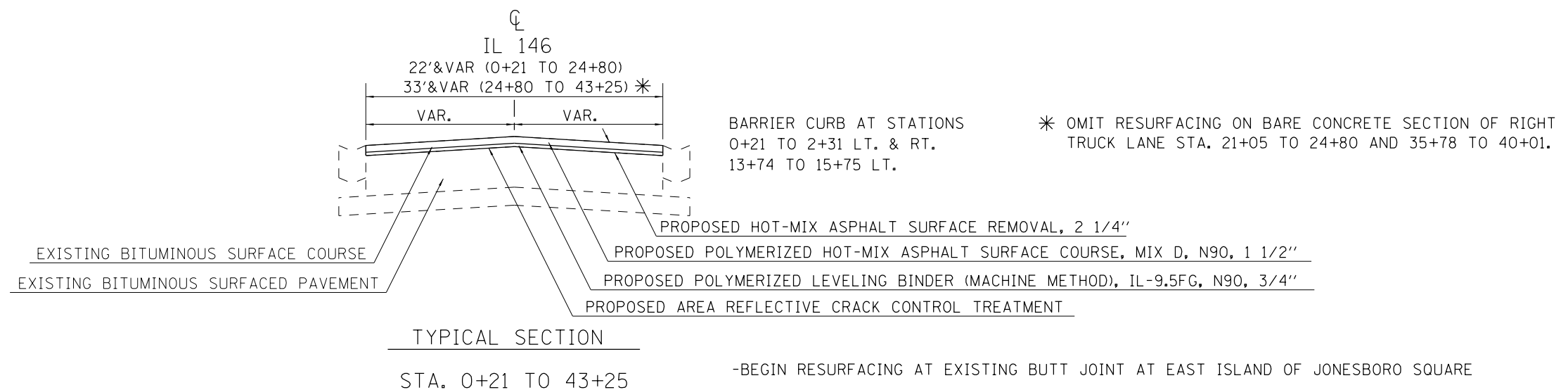
MATCH EXISTING CROSS SLOPES.

LONGITUDINAL JOINT SEALER SHALL BE PLACED UNDER THE SURFACE LIFT AS SPECIFIED IN THE HOT-MIX ASPHALT-LONGITUDINAL JOINT SEALANT SPECIAL PROVISION BDE(80398).

PROPOSED AREA REFLECTIVE CRACK CONTROL TREATMENT IS TO BE PLACED ON THE MILLED SURFACE BELOW THE BINDER COURSE.



-SOME AREAS OF HMA SURFACED BRICK PAVEMENT MAY EXIST AT THESE LOCATIONS.



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Default		DATE -	REVISED -		CONTRACT NO. 78596										
					ILLINOIS FED. AID PROJECT										

RESURFACING SCHEDULE

LOCATION STATION	LENGTH	PVMNT. WIDTH	HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"	POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-9.5FG, N90	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "D", N90	AREA REFLECTIVE CRACK CONTROL TREATMENT	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	COMMENTS
	(FEET)	(FEET)	(SQ YD)	(SQ YD)	(TON)	(TON)	(SQ YD)	(POUND)	
IL 146									
0 + 21 TO 1 + 00	79.00	VAR.		310	13	26	310	209	LANE WIDENING AND SEPARATION AT JONESBORO SQUARE
1 + 00 TO 10 + 98	998.00	22.5		2495	105	210	2495	1684	
10 + 98 TO 20 + 05	907.00	VAR.		2590	109	218	2590	1748	VARIABLE WIDTH (23.8 TO 28.0)
20 + 05 TO 21 + 05	100.00	VAR.		333	14	28	333	225	VAR. WIDTH (25.0 TO 35.0), BEGIN TAPER FOR THIRD LANE (STA. 20+05 RT)
21 + 05 TO 24 + 80	375.00	23		958	40	81	958	647	OMIT CONCRETE PAVEMENT IN RT TRUCK LANE
24 + 80 TO 35 + 78	1098.00	33		4026	169	338	4026	2718	
35 + 78 TO 40 + 01	423.00	23		1081	45	91	1081	730	OMIT CONCRETE PAVEMENT IN RT TRUCK LANE
40 + 01 TO 43 + 25	324.00	VAR.		1462	61	123	1462	987	VARIABLE WIDTH (34.0 TO 42.6), WIDENING AT HIGH SCHOOL
43 + 25 TO 48 + 59	534.00	VAR.	2164		91	182	2164	1461	
48 + 59 TO 59 + 33	1074.00	32.33	3858		162	324	3858	2604	
59 + 33 TO 59 + 49	16.00	VAR.	66		3	6	66	45	VARIABLE WIDTH (32.33 TO 42.33), WIDENING AT JEFFERSON ST.
59 + 49 TO 70 + 84.50	1135.50	42.33	5341		129	449	3070	3605	LEVELING BINDER AND AREA REF. CRACK CONTROL TREATMENT WIDTH IS 24.33'
43 + 25 TO 70 + 84.50					8	5			QUANTITIES FOR 2.5' SIDEROAD TAPERS (SEE SIDEROAD DETAIL SHEET)
TOTALS			11429	13255	949	2079	22414	16662	

- POLYMERIZED BIT. MAT. TACK COAT AT (0.05LB/SQ FT) ON MILLED SURFACE AND (0.025LB/SQ FT) BETWEEN HMA LIFTS

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pw:\IL04EB\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 9\Projects\78596\CADData\CADsheets\0978596		DRAWN -	REVISED -			885	104RS-6	UNION	32	11	
Default	PLOT SCALE = 80,0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 78596					
	PLOT DATE = 10/11/2018	DATE -	REVISED -			SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

SIDEWALK / DRAINAGE SCHEDULE

LOCATION STATION	SIDEWALK REMOVAL	PORTLAND CEMENT CONCRETE SIDEWALK 5"	DETECTABLE WARNINGS	COMB. CURB & GUTTER REMOVAL	COMB. CONC. CURB & GUTTER TYPE B-6.12	COMB. CONC. CURB & GUTTER TYPE B-6.18	COMB. CONC. CURB & GUTTER TYPE B-6.24	PROTECTIVE COAT	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 3 FRAME AND GRATE	REMOVING INLETS	INLET SPECIAL	COMMENTS
	(SQ FT)	(SQ FT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ YD)	(EACH)	(EACH)	(EACH)	
IL 146												
23+56 RT										1	1	
23+67 LT										1	1	
IL 146 / SPRING ST.												
104+29.06 LT TO 104+51.96 LT	180.50	207.40	20.00									NW QUADRANT (RAMPS 5 & 10)
104+31.40, 15.78 LT TO 104+52.61, 33.62 LT				33.49	33.49			7.29				NW QUADRANT (RAMPS 5 & 10)
104+85.69, 34.16 LT TO 105+01.62, 16.04 LT				26.38	26.38			5.74				NE QUADRANT (RAMPS 15 & 20)
104+86.79 LT TO 105+09.66 LT	246.50	251.50	20.00									NE QUADRANT (RAMPS 15 & 20)
103+90.57 RT TO 104+51.10 RT	573.50	585.67	20.00									SW QUADRANT (RAMPS 25 & 30)
104+32.78, 20.11 RT TO 104+54.47, 38.05 RT				35.04			35.04	11.52				SW QUADRANT (RAMPS 25 & 30)
104+81.36 RT TO 105+07.48 RT	175.50	198.60	20.00									SE QUADRANT (RAMPS 35 & 40)
104+80.77, 33.57 RT TO 105+00.81, 16.02 RT				32.26		32.26		8.82				SE QUADRANT (RAMPS 35 & 40)
IL 146 / HIGH ST.												
110+91.94 LT TO 111+19.67 LT	194.90	212.60	20.00									NW QUADRANT (RAMPS 45 & 50)
111+00.85, 16.47 LT TO 111+20.27, 34.36 LT				32.24		32.24		8.81				NW QUADRANT (RAMPS 45 & 50)
111+46.61 LT TO 111+73.21 LT	181.30	215.80	20.00									NE QUADRANT (RAMPS 55 & 60)
111+48.29, 34.18 LT TO 111+66.11, 16.09 LT				30.45	30.45			6.63				NE QUADRANT (RAMPS 55 & 60)
110+82.54 RT TO 111+17.59 RT	276.00	340.05	20.00									SW QUADRANT (RAMPS 65 & 70)
110+98.83, 15.96 RT TO 111+19.04, 32.92 RT				28.00	28.00			6.10				SW QUADRANT (RAMPS 65 & 70)
111+48.43, 32.88 RT TO 111+67, 15.91 RT				30.80		30.80		8.42				SE QUADRANT (RAMPS 75 & 80)
111+49.03 RT TO 111+65.29 RT	303.90	337.10	20.00									SE QUADRANT (RAMPS 75 & 80)
111+17.24, 19.41 LT									1			
IL 146 / JEFFERSON ST.												
115+62.80 LT TO 115+89.51 LT	193.00	211.00	20.00									NW QUADRANT (RAMPS 85 & 90)
115+72.81, 15.96 LT TO 115+89.51, 33.77 LT				29.00			29.00	9.54				NW QUADRANT (RAMPS 85 & 90)
115+46.60 RT TO 115+91.21 RT	297.50	339.07	21.00									SW QUADRANT (RAMPS 95 & 100)
115+71.92, 16.19 RT TO 115+92.18, 33.85 RT				30.80		30.80		8.42				SW QUADRANT (RAMPS 95 & 100)
115+86.41, 19.10 LT									1			
115+86.82, 19.53 RT									1			
TOTALS	2623	2899	201	308	118	126	64	81	3	2	2	

- LOCATIONS OF THE REMOVAL AND REPLACEMENT OF INLET SPECIAL ACCORDING TO THE TEMPORARY RESURFACING STATIONING.
- SEE PIPE HANDRAIL DETAIL SHEET FOR HANDRAIL LOCATIONS.

THERMOPLASTIC PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	LENGTH (FT)	THERMOPLASTIC PAVEMENT MARKING												LINE 6"	LINE 24"	LETTERS & SYMBOLS (SQ FT)	REMARKS
		LINE - 4"															
		LEFT OF CENTERLINE				C.L.	RIGHT OF CENTERLINE				PARKING LANE STRIPE WHITE (FOOT)	PARKING LANE STRIPE YELLOW (FOOT)					
		EDGE LINE WHITE SOLID (FOOT)	WHITE SOLID (FOOT)	YELLOW SOLID (FOOT)	YELLOW DASHED (FOOT)	YELLOW DASHED (FOOT)	YELLOW DASHED (FOOT)	YELLOW SOLID (FOOT)	WHITE SOLID (FOOT)	WHITE SOLID (FOOT)	EDGE LINE WHITE SOLID (FOOT)						
IL 146																	
0 + 21 to 1 + 00	79	79		158			158		79							(J-BORO SQUARE) DOUBLE SOLID AT C.L.	
1 + 00 to 1 + 63	63	63		63			63		63								
1 + 63 to 3 + 26	163	163		163		41			163								
3 + 26 to 6 + 92	366	366			92				366							DASHED C.L.	
6 + 92 to 12 + 35	543	543			136		543		543								
12 + 35 to 20 + 10	775	775		775			775		775								
20 + 10 to 21 + 01	91	91		91			91		91							RT. LANE TAPER	
21 + 01 to 22 + 59	158	158		158			158	158	158								
22 + 59 to 40 + 95	1836	1836			459		1836	1836	1836								
40 + 95 to 42 + 50	155	155		155			155		155								
42 + 50 to 43 + 24	74			74			74		74								
43 + 24 to 46 + 09	285			285			285										
46 + 09 to 58 + 15	1206			1206	302	302	1206										
46+94															8.8	LT. TURN ARROW	
47+15															8.8	LT. TURN ARROW	
48+01												32.5				CROSSWALK STRIPE	
48+05												32.5				CROSSWALK STRIPE	
48+32																SPRING ST.	
48+57												32.5				CROSSWALK STRIPE	
48+61												32.5				CROSSWALK STRIPE	
49+08														8.8		LT. TURN ARROW	
54+24														8.8		LT. TURN ARROW	
54+63												32.5				CROSSWALK STRIPE	
54+68												32.5				CROSSWALK STRIPE	
54+98																HIGH ST.	
55+22												32				CROSSWALK STRIPE	
55+26												32				CROSSWALK STRIPE	
55+81														8.8		LT. TURN ARROW	
58 + 15 to 58 + 53	38			76												DOUBLE SOLID	
58 + 53 to 59 + 29	76			152				76								DOUBLE SOLID LEFT OF C.L.	
58+75															11.8	ONLY	
59+00																LT. TURN ARROW	

THERMOPLASTIC PAVEMENT MARKING SCHEDULE (CONT.)

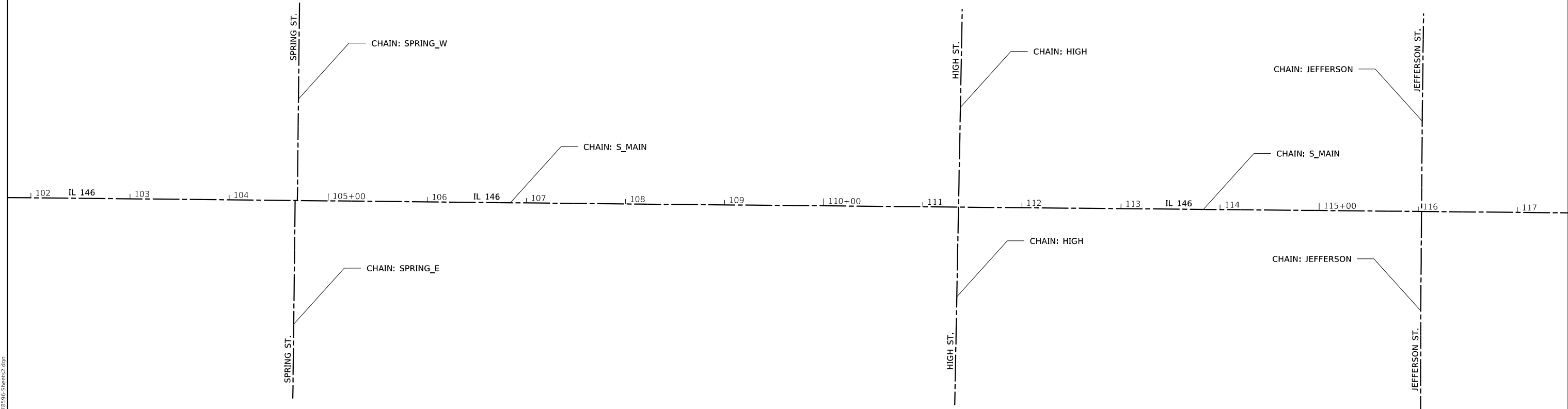
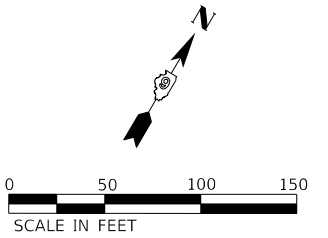
LOCATION STATION TO STATION	LENGTH (FT)	THERMOPLASTIC PAVEMENT MARKING												LINE 6"	LINE 24"	LETTERS & SYMBOLS (SQ FT)	REMARKS
		LINE - 4"															
		LEFT OF CENTERLINE				C.L.	RIGHT OF CENTERLINE				PARKING LANE STRIPE WHITE (FOOT)	PARKING LANE STRIPE YELLOW (FOOT)					
		EDGE LINE WHITE SOLID (FOOT)	WHITE SOLID (FOOT)	YELLOW SOLID (FOOT)	YELLOW DASHED (FOOT)	YELLOW DASHED (FOOT)	YELLOW DASHED (FOOT)	YELLOW SOLID (FOOT)	WHITE SOLID (FOOT)	EDGE LINE WHITE SOLID (FOOT)							
59+29															21		STOP BAR
59+34														32			CROSSWALK STRIPE
59+38														32			CROSSWALK STRIPE
JEFFERSON ST.																	JEFFERSON ST.
59+91														43			CROSSWALK STRIPE
59+97														43			CROSSWALK STRIPE
60+05															26		STOP BAR
60 + 05 to 60 + 57	52		52							104							DOUBLE SOLID RIGHT OF C.L.
60+27																8.8	LT. TURN ARROW
60+43																11.8	ONLY
60 + 57 to 61 + 34	77			154						154							DOUBLE SOLID
61 + 34 to 68 + 19	685							171									DASHED C.L.
62+00 RT												9					PARKING LANE STRIPE
62+08 RT																4.6	HANDICAPPED PARKING SYMBOL
62+20 RT												18					DOUBLE PARKING STRIPE
62+29 RT												18					DOUBLE PARKING STRIPE
62+30 LT												9					PARKING STRIPE
62+35 RT											9						PARKING STRIPE
62+40 LT																4.6	HANDICAPPED PARKING SYMBOL
62+50 LT												18					DOUBLE SOLID PARKING STRIPE
62+60 LT												18					DOUBLE SOLID PARKING STRIPE
62+61 RT											9						PARKING STRIPE
62+67 LT											9						PARKING STRIPE
62+83 RT											9						PARKING STRIPE
62+89 LT											9						PARKING STRIPE
63+04 RT											9						PARKING STRIPE
63+11 LT											9						PARKING STRIPE
63+26 RT											9						PARKING STRIPE
63+33 LT											9						PARKING STRIPE
63+47 RT											9						PARKING STRIPE
63+55 LT											9						PARKING STRIPE
63+69 RT											9						PARKING STRIPE
63+77 LT											9						PARKING STRIPE
63+90 RT											9						PARKING STRIPE

THERMOPLASTIC PAVEMENT MARKING SCHEDULE (CONT.)

LOCATION STATION TO STATION	LENGTH (FT)	THERMOPLASTIC PAVEMENT MARKING												REMARKS		
		LINE - 4"										LINE 6"	LINE 24"		LETTERS & SYMBOLS (SQ FT)	
		LEFT OF CENTERLINE				C.L.	RIGHT OF CENTERLINE				PARKING LANE STRIPE WHITE (FOOT)					PARKING LANE STRIPE YELLOW (FOOT)
		EDGE LINE WHITE SOLID (FOOT)	WHITE SOLID (FOOT)	YELLOW SOLID (FOOT)	YELLOW DASHED (FOOT)		YELLOW DASHED (FOOT)	YELLOW DASHED (FOOT)	YELLOW SOLID (FOOT)	WHITE SOLID (FOOT)						
63+99 LT												9				PARKING STRIPE
64+12 RT												9				PARKING STRIPE
64+21 LT												9				PARKING STRIPE
64+33 RT												9				PARKING STRIPE
64+43 LT												9				PARKING STRIPE
64+55 RT												9				PARKING STRIPE
64+65 LT												9				PARKING STRIPE
64+77 RT												9				PARKING STRIPE
64+87 LT												9				PARKING STRIPE
64+98 RT												9				PARKING STRIPE
65+09 LT												9				PARKING STRIPE
65+18 LT												50				NO PARKING CROSS HATCH
65+20 RT												9				PARKING STRIPE
65+31 LT												9				PARKING STRIPE
65+41 RT												9				PARKING STRIPE
65+53 LT												9				PARKING STRIPE
65+63 RT												9				PARKING STRIPE
65+75 LT												9				PARKING STRIPE
65+84 RT												9				PARKING STRIPE
65+97 LT												9				PARKING STRIPE
66+06 RT												9				PARKING STRIPE
66+19 LT												9				PARKING STRIPE
66+28 RT												9				PARKING STRIPE
66+49													43			CROSSWALK STRIPE
66+56													43			CROSSWALK STRIPE
66+71																ALLEY
66+91 RT												9				PARKING STRIPE
67+12 RT												9				PARKING STRIPE
67+24 RT													9			PARKING STRIPE
67+28 RT													43			CROSSWALK STRIPE
67+33 RT													43			CROSSWALK STRIPE
67+37 RT														9		PARKING STRIPE
67+54 LT												9				PARKING STRIPE
67+56 RT												9				PARKING STRIPE

THERMOPLASTIC PAVEMENT MARKING SCHEDULE (CONT.)

LOCATION STATION TO STATION	LENGTH (FT)	THERMOPLASTIC PAVEMENT MARKING											LINE 6"	LINE 24"	LETTERS & SYMBOLS (SQ FT)	REMARKS
		LINE - 4"														
		LEFT OF CENTERLINE				C.L.	RIGHT OF CENTERLINE				PARKING LANE STRIPE WHITE (FOOT)	PARKING LANE STRIPE YELLOW (FOOT)				
		EDGE LINE WHITE SOLID (FOOT)	WHITE SOLID (FOOT)	YELLOW SOLID (FOOT)	YELLOW DASHED (FOOT)		YELLOW DASHED (FOOT)	YELLOW DASHED (FOOT)	YELLOW SOLID (FOOT)	WHITE SOLID (FOOT)						
67+75 RT												9			PARKING STRIPE	
67+80 LT												9			PARKING STRIPE	
68+02 LT												9			PARKING STRIPE	
68 + 19 to 68 + 91	72			72				72	72							
68+24 LT												9			PARKING STRIPE	
68+62 RT														14.7	THROUGH / LT. TURN ARROW	
68+62 RT														14.7	THROUGH / RT. TURN ARROW	
68+91 RT													11		STOP BAR	
68+96 RT													10		STOP BAR	
68+97												43			CROSSWALK STRIPE	
69+02												43			CROSSWALK STRIPE	
DAVIE STREET																
70+08 LT													10		STOP BAR	
70 + 08 to 70 + 84	76		76	76												
70+10 LT													11		STOP BAR	
70+36 RT													22		RR STOP BAR	
70+54 LT														8.8	LT. TURN ARROW	
70+60 RT														64.5	RR CROSS HATCH	
70+60 RT														64.5	RR CROSS HATCH	
70+77 LT														11.8	ONLY	
70+84.50 RT													22		RR STOP BAR	
SUBTOTALS		4229	128	3658	896	263	342	5674	2142	4303	446	108				
TOTALS		22189											667	133	265	



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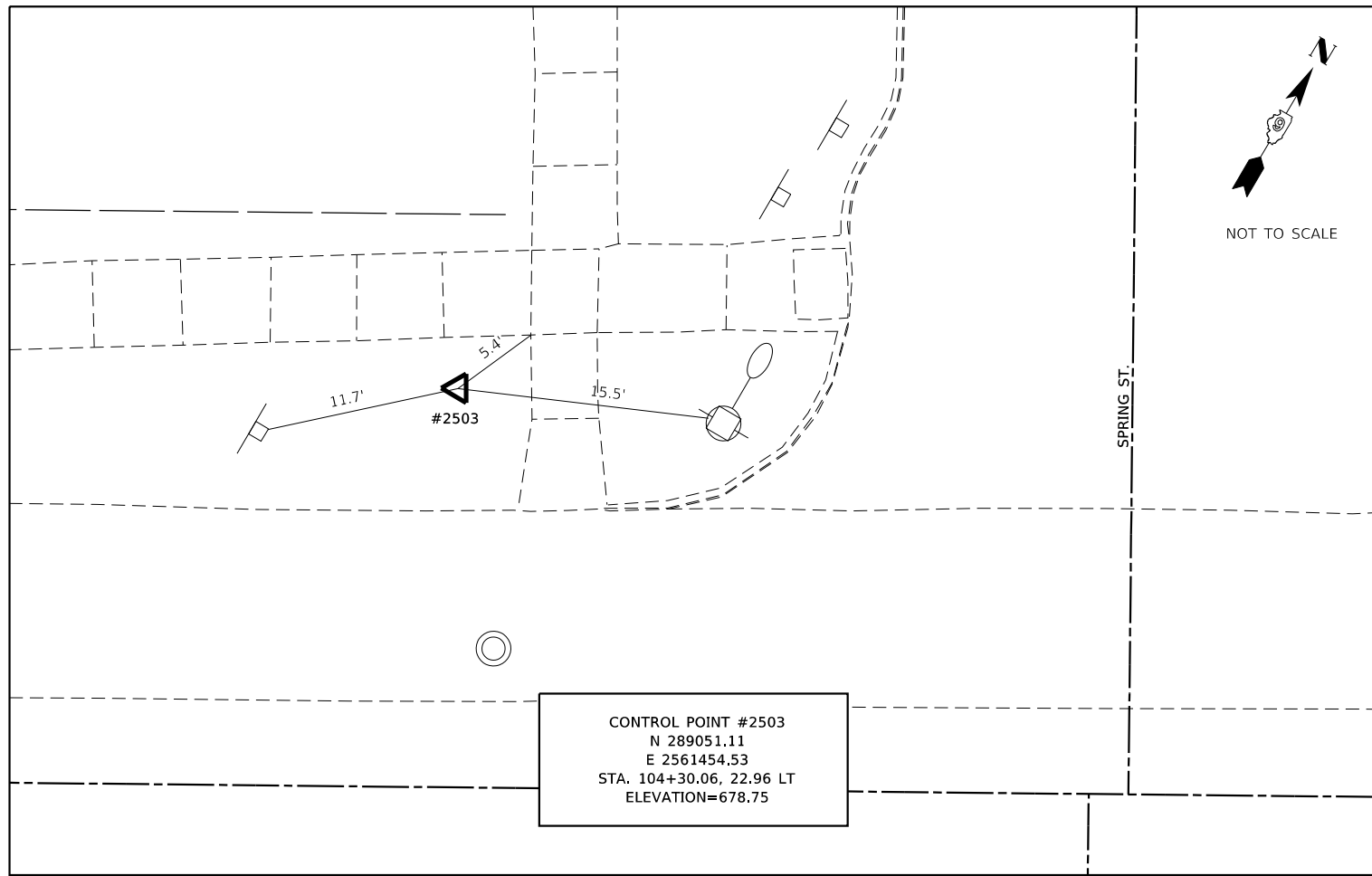
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

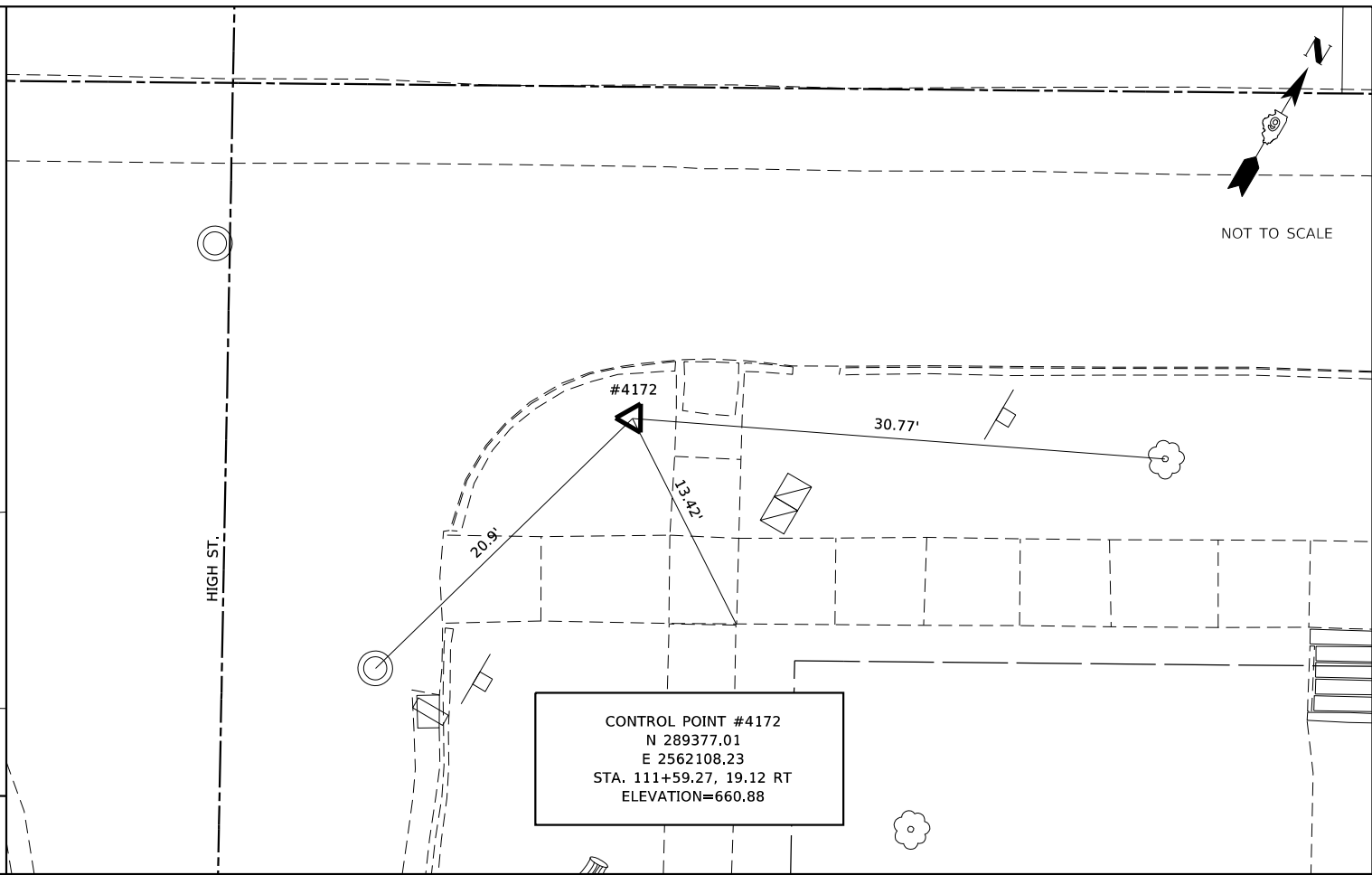
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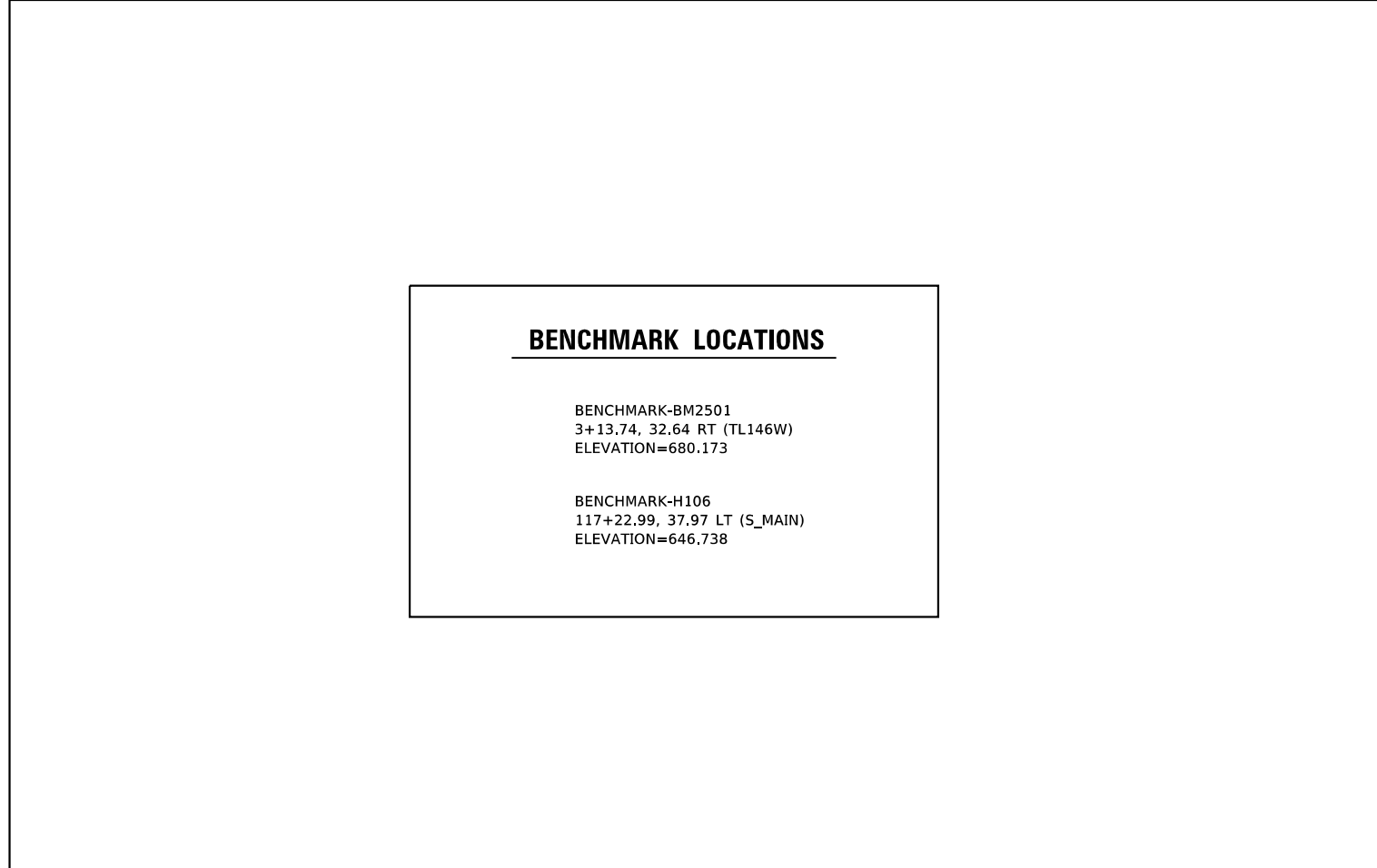
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	104RS-6	UNION	32	17
CONTRACT NO. 78596				
ILLINOIS FED. AID PROJECT				



CONTROL POINT #2503
 N 289051.11
 E 2561454.53
 STA. 104+30.06, 22.96 LT
 ELEVATION=678.75



CONTROL POINT #4172
 N 289377.01
 E 2562108.23
 STA. 111+59.27, 19.12 RT
 ELEVATION=660.88



CONTROL POINT #4171
 N 289576.68
 E 2562488.18
 STA. 111+59.27, 19.12 RT
 ELEVATION=649.31

BENCHMARK LOCATIONS

BENCHMARK-BM2501
 3+13.74, 32.64 RT (TL146W)
 ELEVATION=680.173

BENCHMARK-H106
 117+22.99, 37.97 LT (S_MAIN)
 ELEVATION=646.738

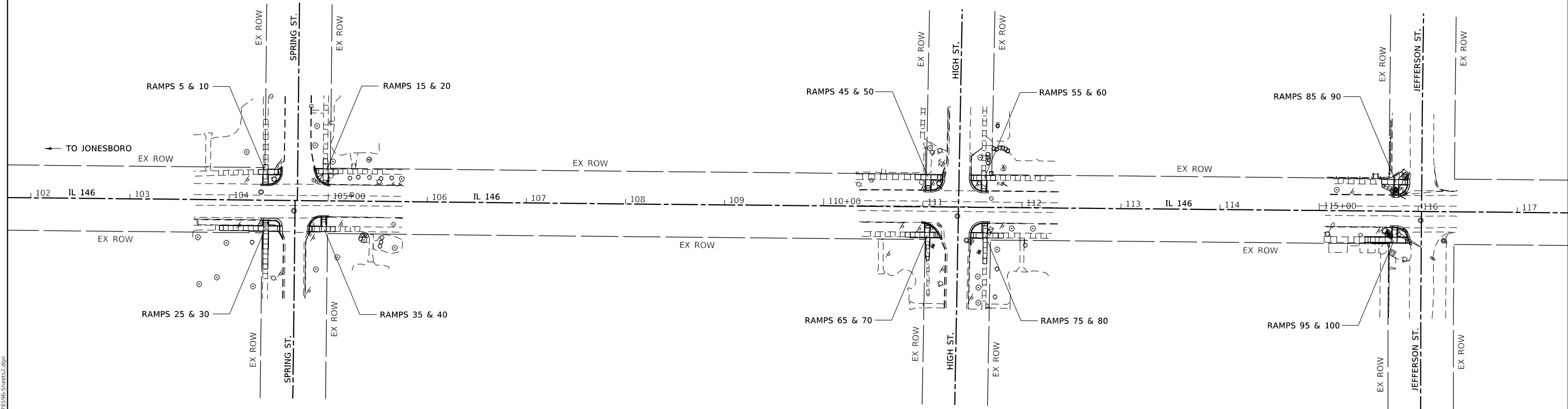
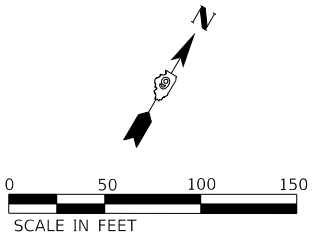
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	PLOT DATE = 10/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TIE POINTS / BENCHMARKS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	104RS-6	UNION	32	18
CONTRACT NO. 78596				
ILLINOIS FED. AID PROJECT				



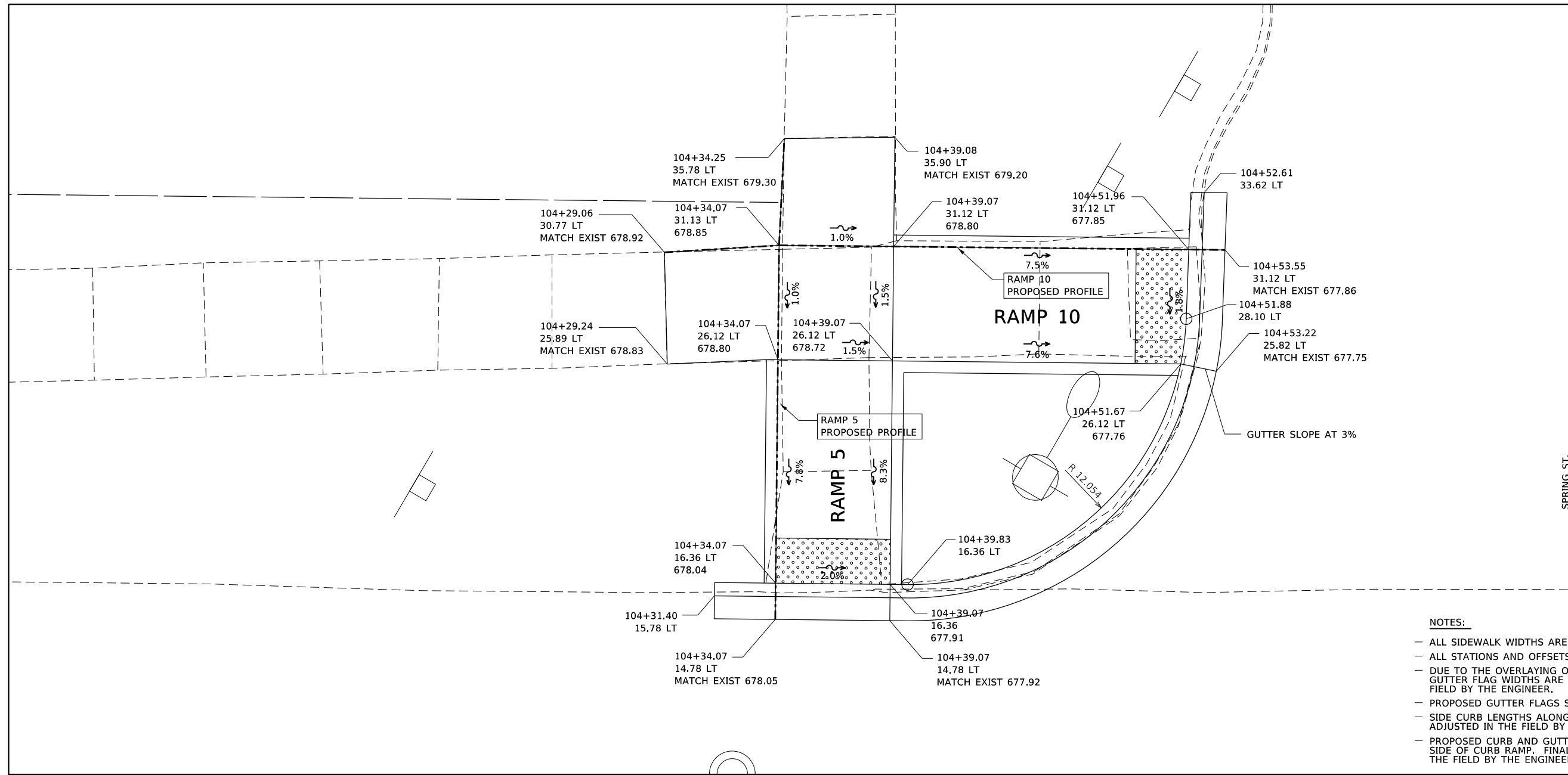
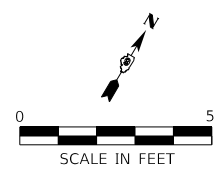
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RAMP LAYOUT SHEET				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

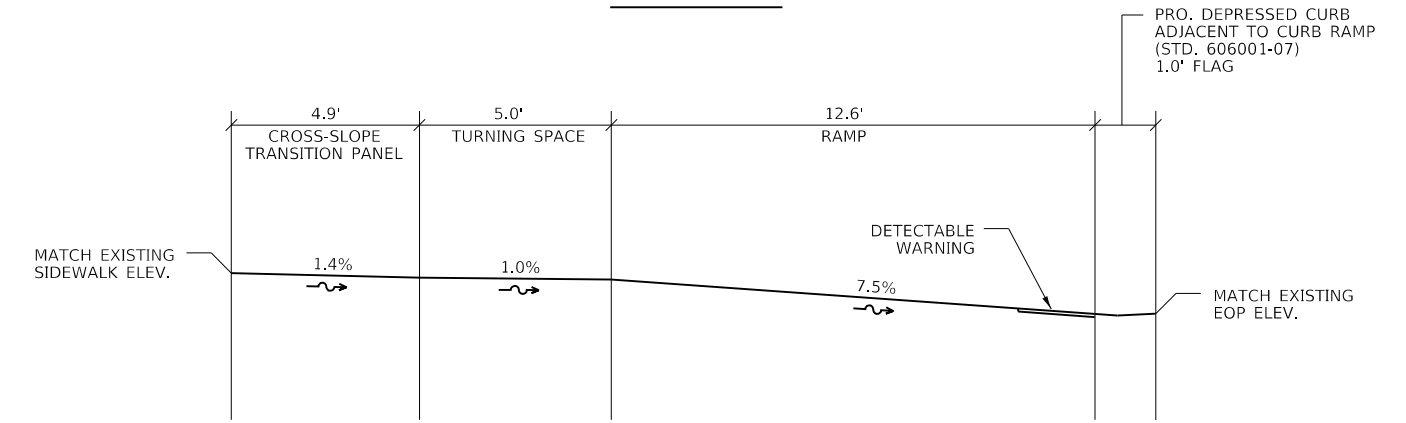
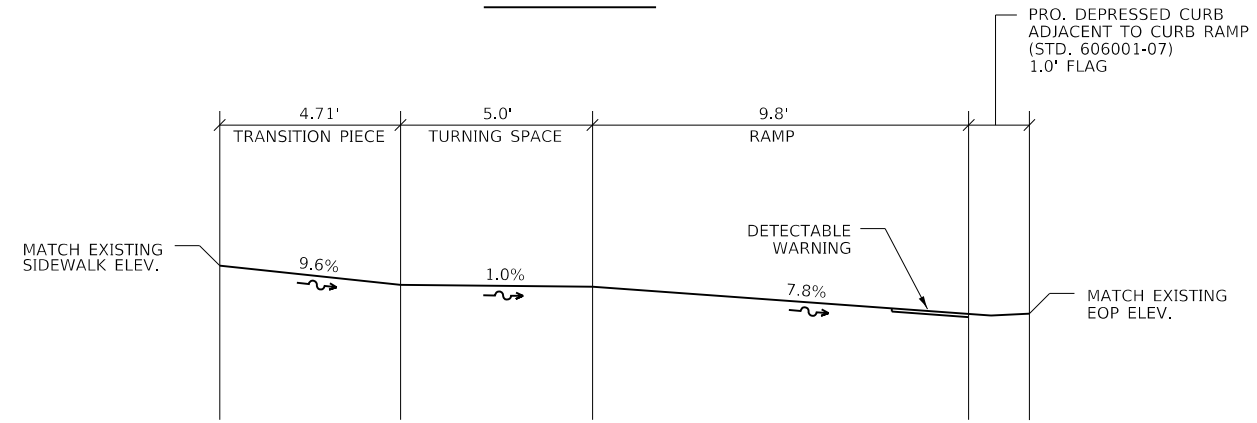
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	104RS-6	UNION	32	19
CONTRACT NO. 78596				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- ALL SIDEWALK WIDTHS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (S_MAIN).
 - DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED GUTTER FLAGS SLOPES ARE 5% UNLESS OTHERWISE SHOWN.
 - SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

RAMP 5

RAMP 10



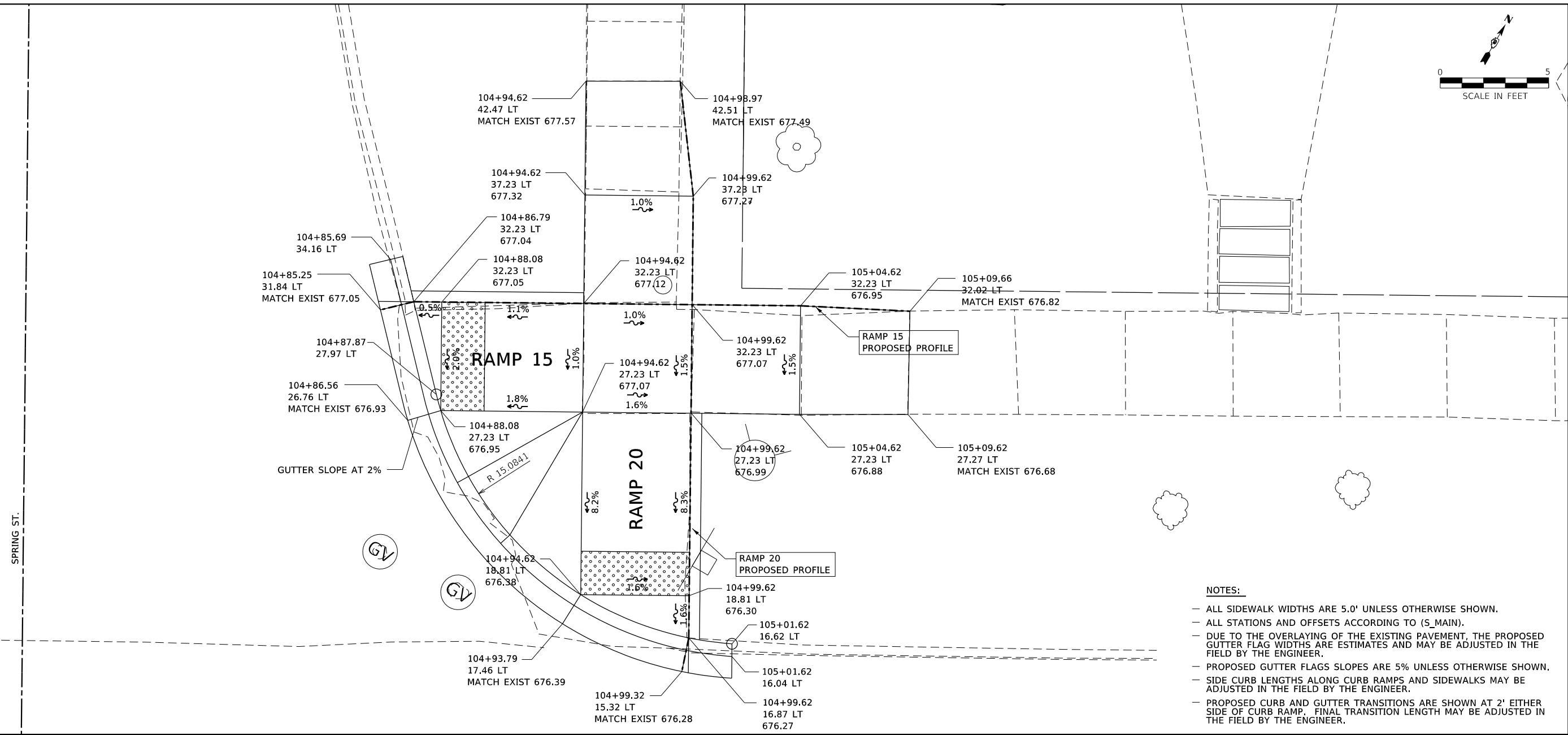
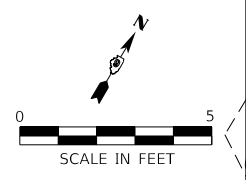
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAMP DETAILS:
(RAMPS 5 & 10)**

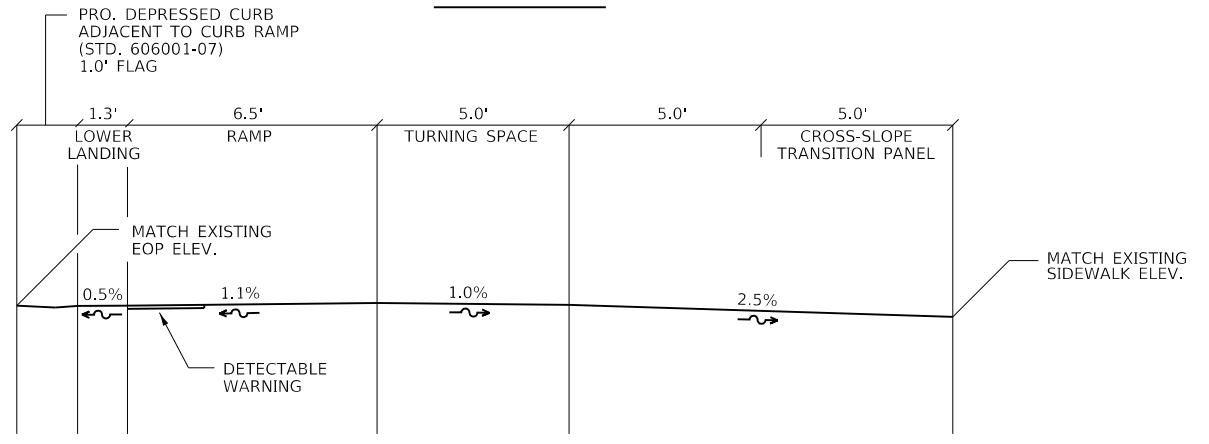
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	104RS-6	UNION	32	20
CONTRACT NO. 78596				
ILLINOIS FED. AID PROJECT				

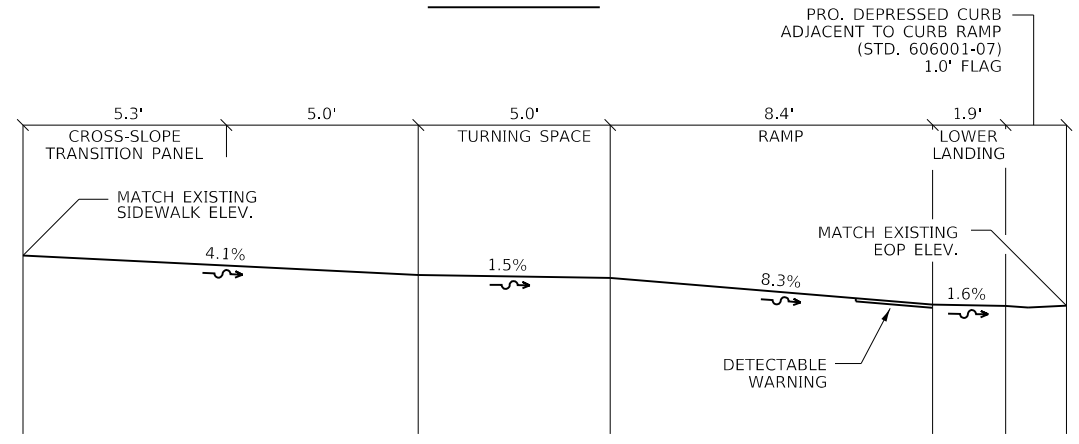


- NOTES:**
- ALL SIDEWALK WIDTHS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (S_MAIN).
 - DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED GUTTER FLAGS SLOPES ARE 5% UNLESS OTHERWISE SHOWN.
 - SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

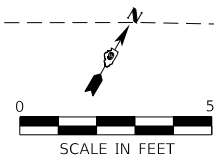
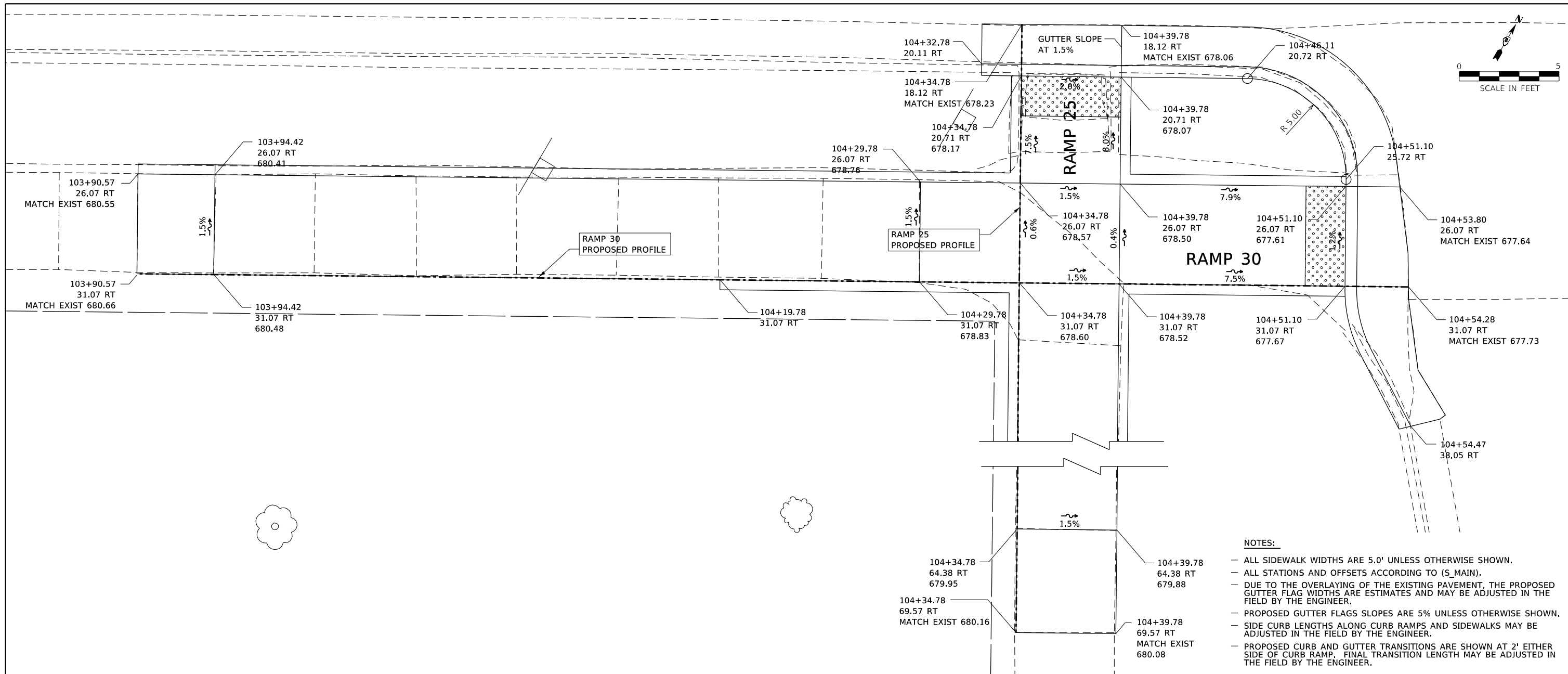
RAMP 15



RAMP 20

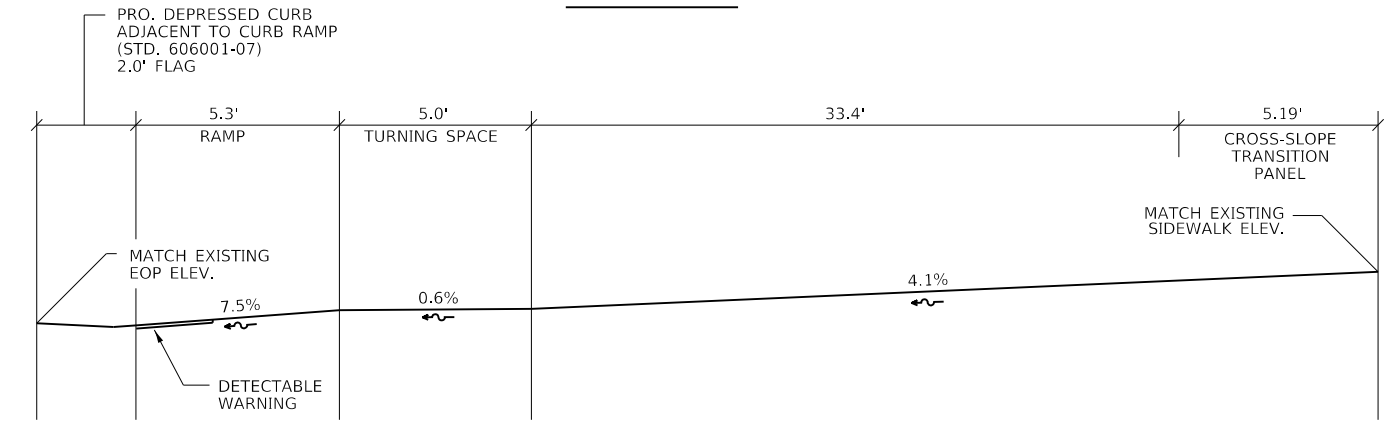


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						ILLINOIS	FED. AID PROJECT				

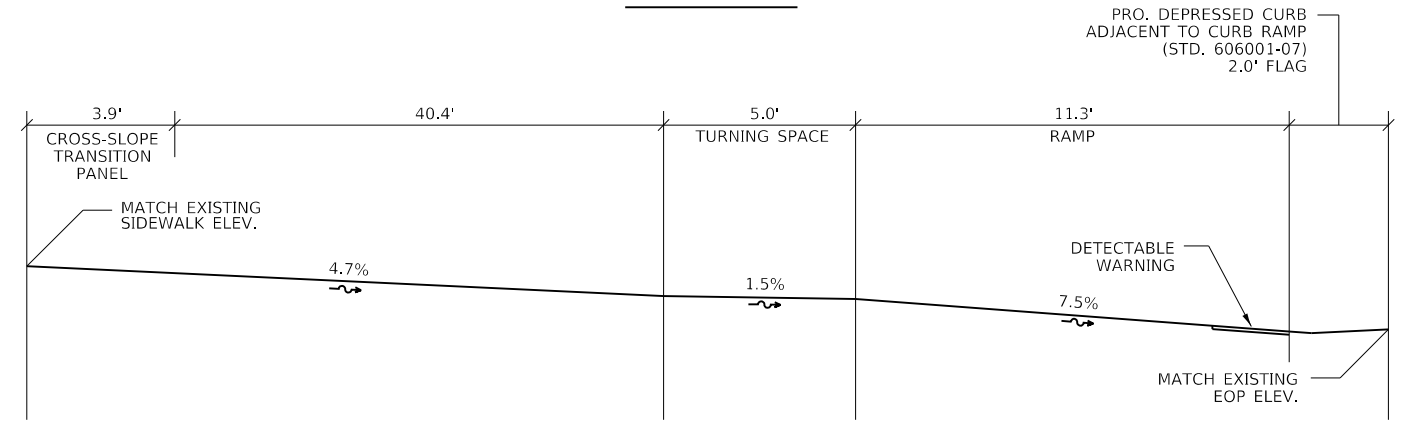


- NOTES:**
- ALL SIDEWALK WIDTHS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (S_MAIN).
 - DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED GUTTER FLAGS SLOPES ARE 5% UNLESS OTHERWISE SHOWN.
 - SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

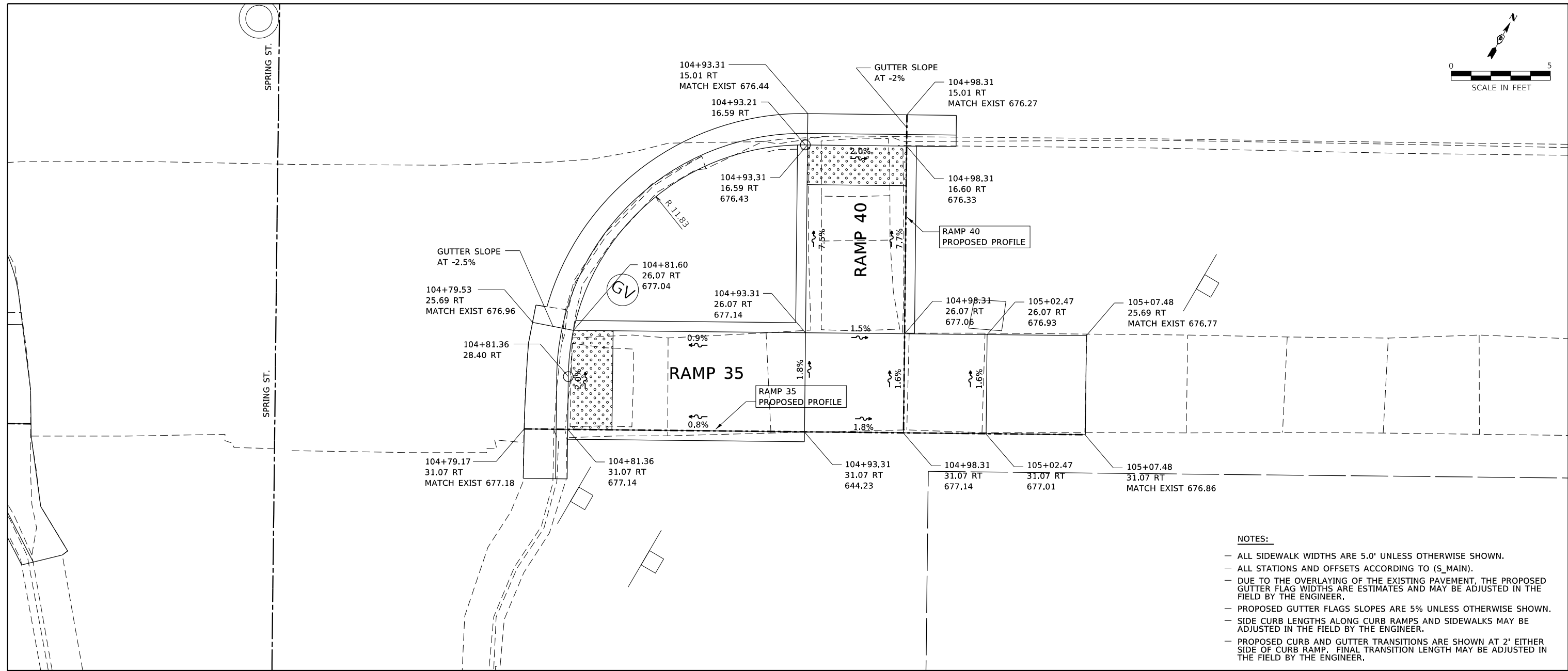
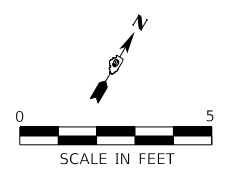
RAMP 25



RAMP 30

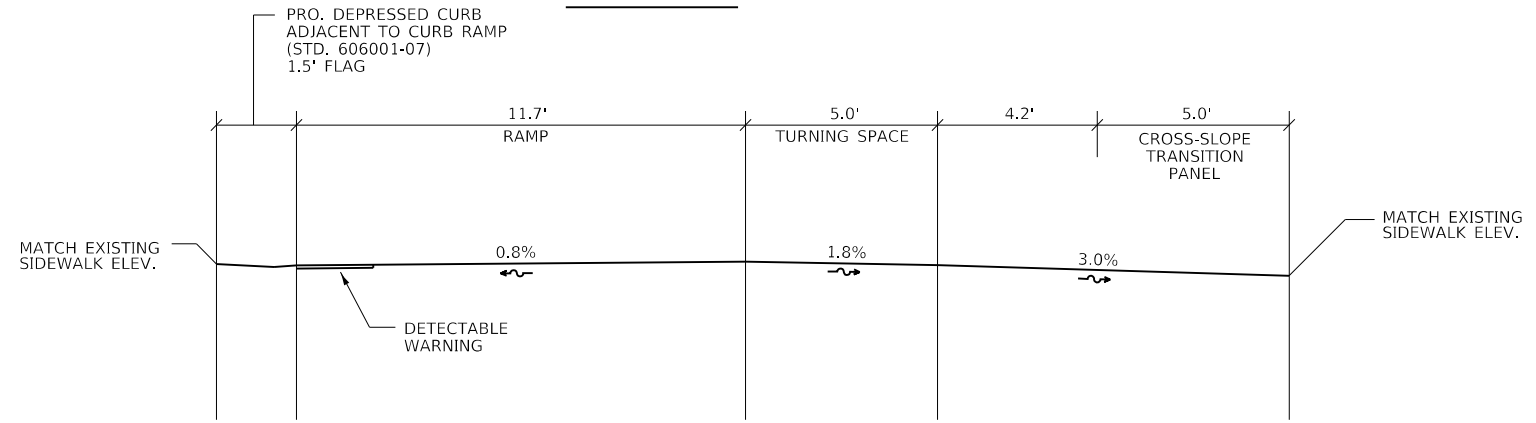


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RAMP PLAN SHEETS	PLOT DATE = 10/11/2018	DATE -	REVISED -		CONTRACT NO. 78596				ILLINOIS	FED. AID PROJECT			
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

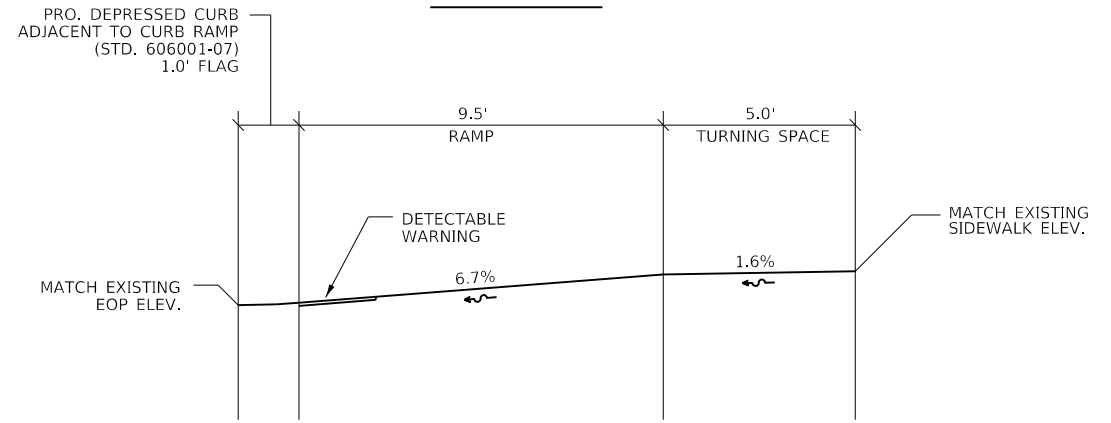


- NOTES:**
- ALL SIDEWALK WIDTHS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (S_MAIN).
 - DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED GUTTER FLAGS SLOPES ARE 5% UNLESS OTHERWISE SHOWN.
 - SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

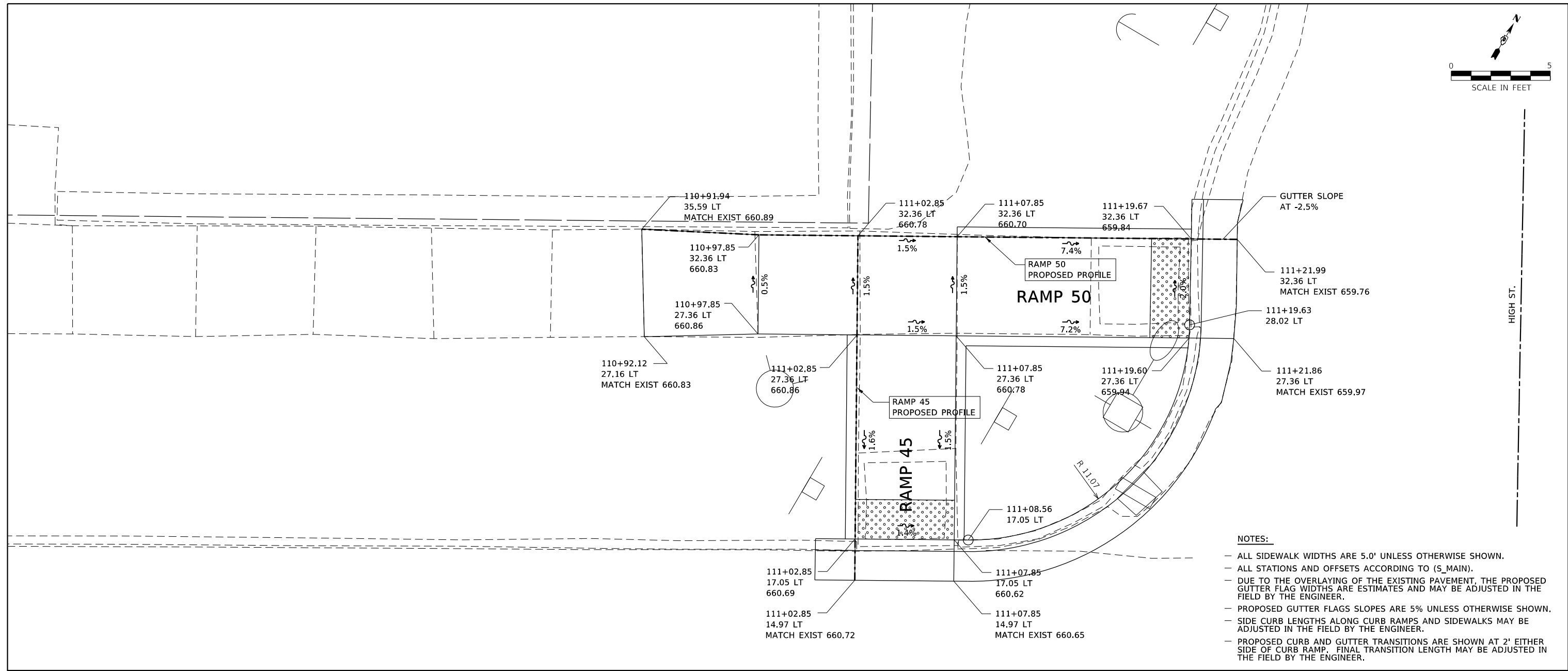
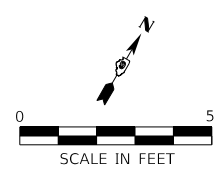
RAMP 35



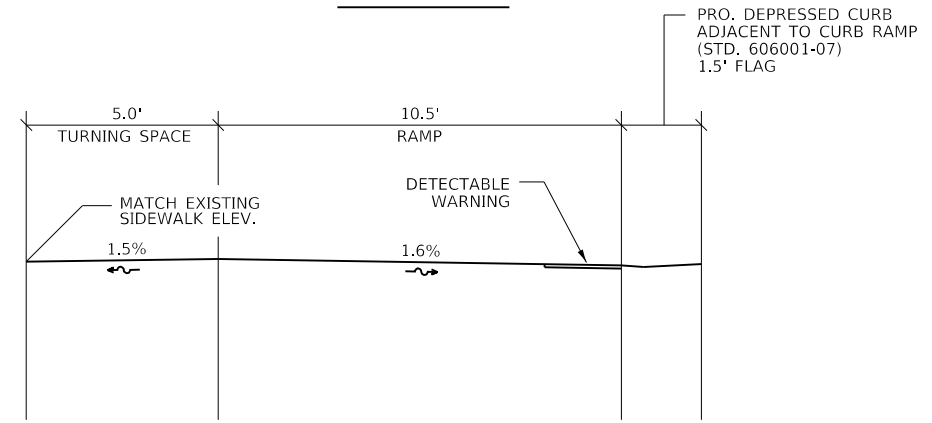
RAMP 40



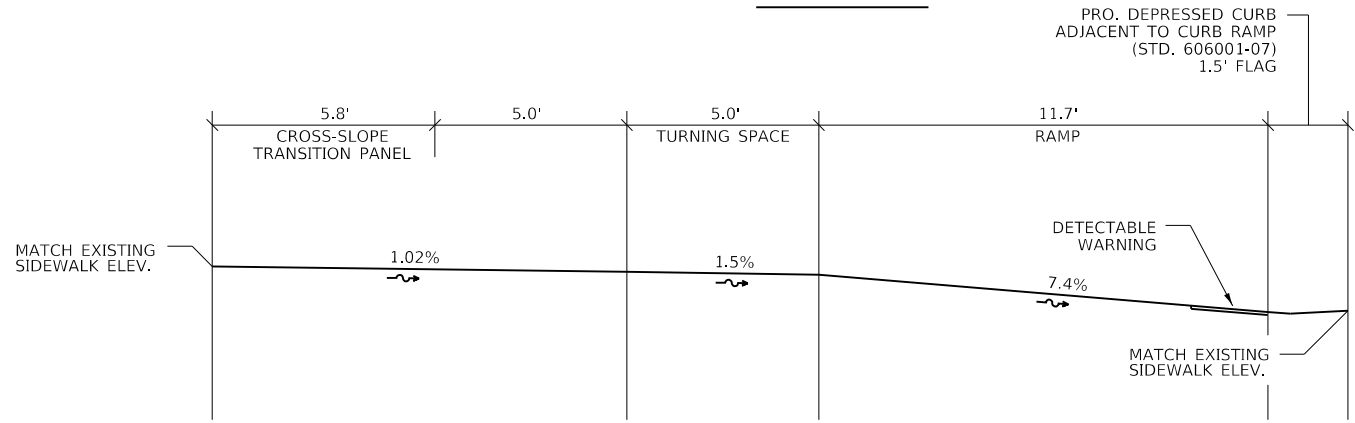
FILE NAME =	USER NAME = naasdp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP DETAILS: (RAMPS 35 & 40)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL04EB\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 9\Projects\78596\CADDData\CADsheets\0978596\0978596.dwg		CHECKED -	REVISED -			885	104RS-6	UNION	32	23	
RAMP PLAN SHEETS	PLOT SCALE = 5.0000" / 1"	DATE -	REVISED -			CONTRACT NO. 78596					
	PLOT DATE = 10/11/2018					SCALE:	SHEET	OF	SHEETS	STA.	TO



RAMP 45



RAMP 50

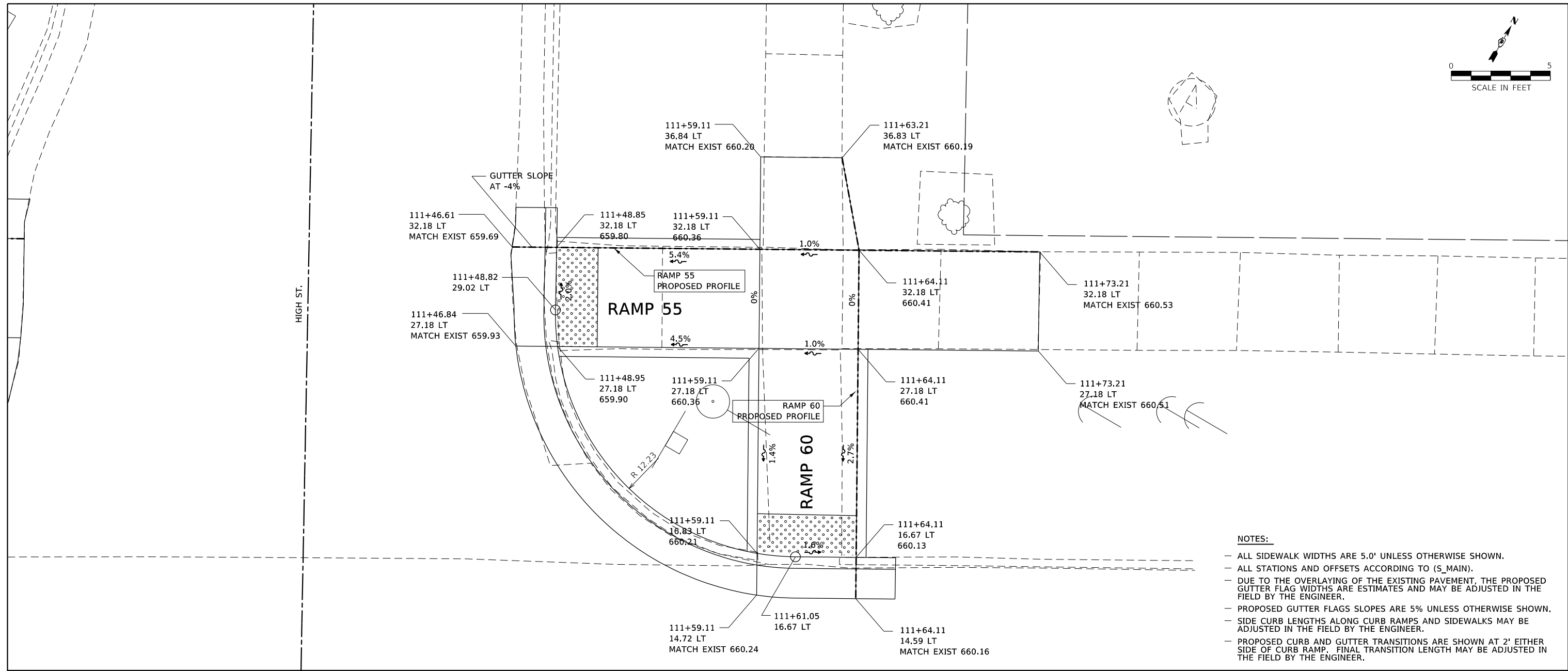
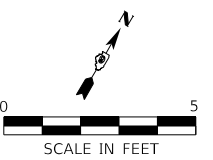


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RAMP PLAN SHEETS	PLOT SCALE = 5,000' / 1"	DATE -	REVISED -
	PLOT DATE = 10/11/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

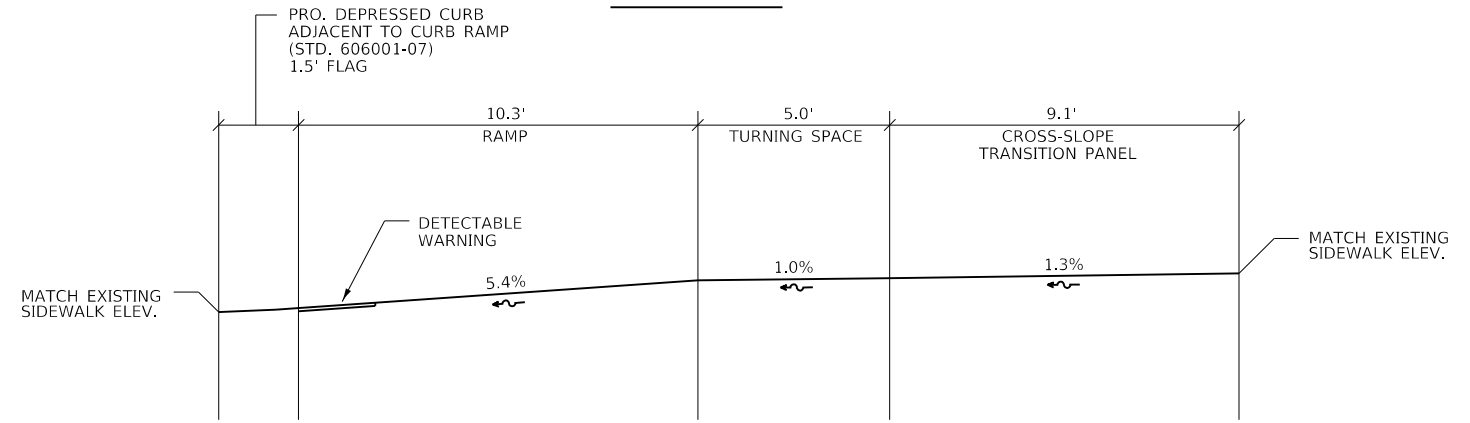
RAMP DETAILS: (RAMPS 45 & 50)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	104RS-6	UNION	32	24
CONTRACT NO. 78596				
ILLINOIS FED. AID PROJECT				

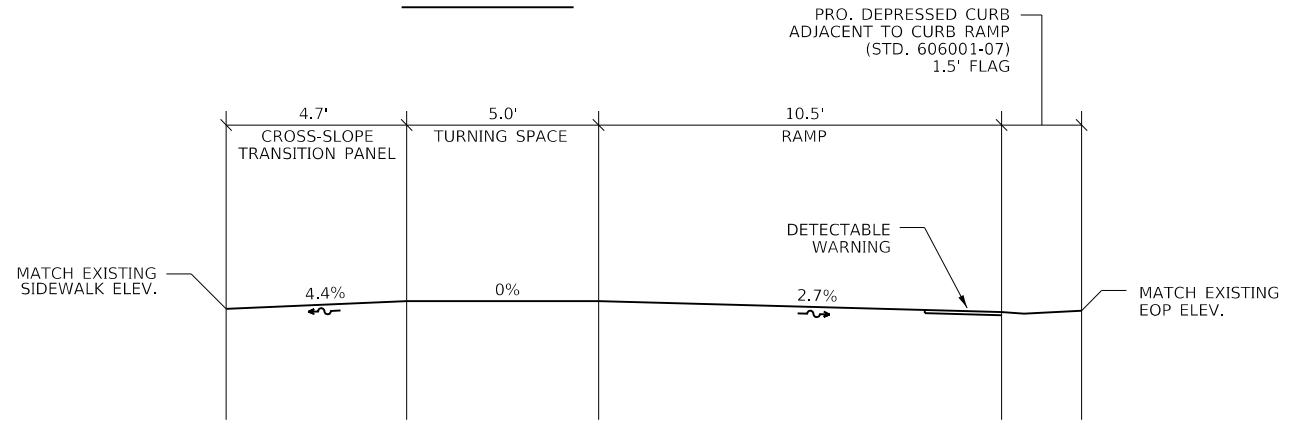


- NOTES:**
- ALL SIDEWALK WIDTHS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (S_MAIN).
 - DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED GUTTER FLAGS SLOPES ARE 5% UNLESS OTHERWISE SHOWN.
 - SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

RAMP 55



RAMP 60

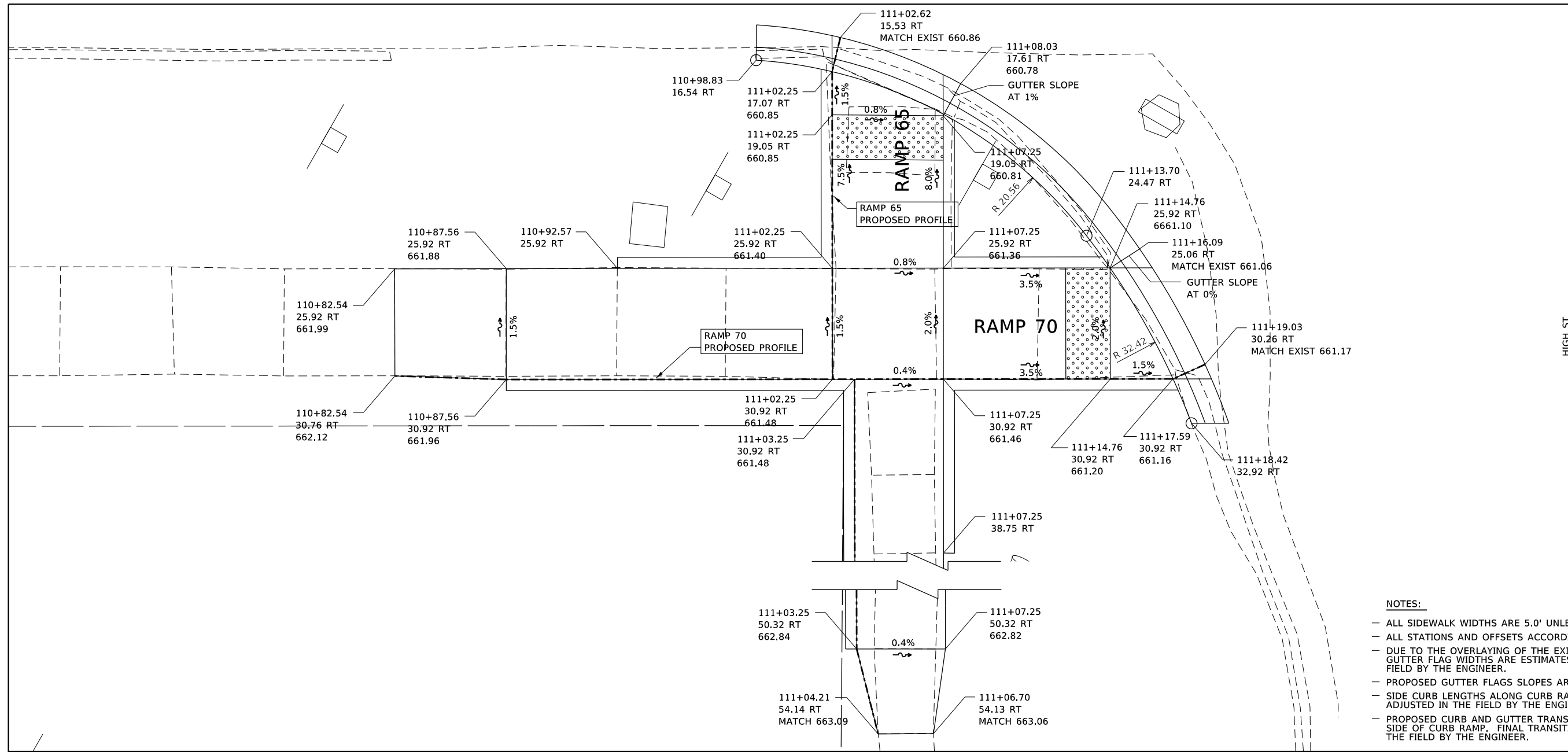
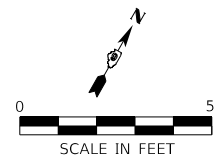


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RAMP PLAN SHEETS	PLOT SCALE = 5.0000' / in.	DATE -	REVISED -
	PLOT DATE = 10/11/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RAMP DETAILS: (RAMPS 55 & 60)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

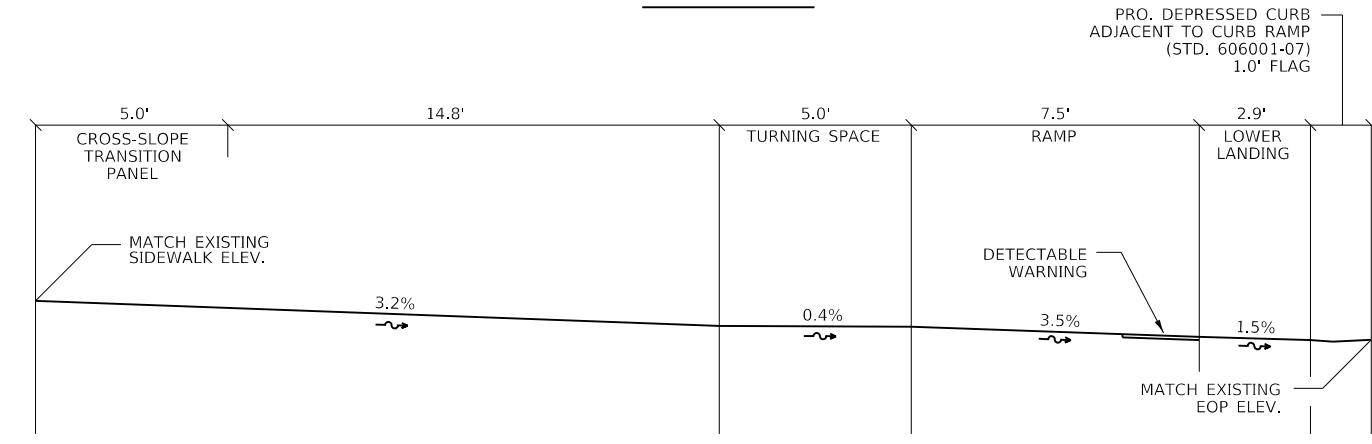
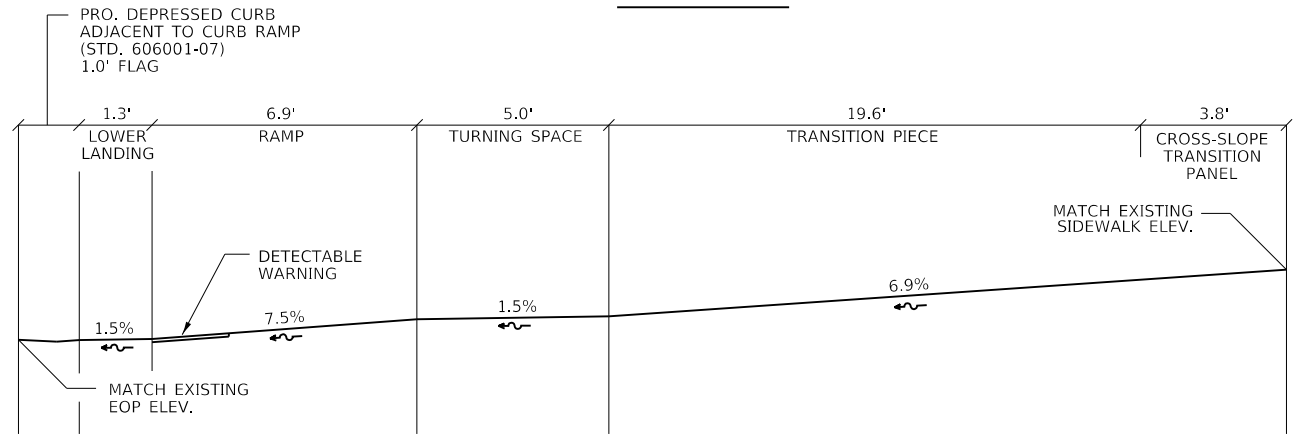
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	104RS-6	UNION	32	25
CONTRACT NO. 78596				
ILLINOIS FED. AID PROJECT				



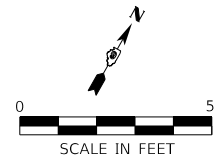
- NOTES:**
- ALL SIDEWALK WIDTHS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (S_MAIN).
 - DUE TO THE OVERLAYING OF THE EXISTING PAVEMENT, THE PROPOSED GUTTER FLAG WIDTHS ARE ESTIMATES AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED GUTTER FLAGS SLOPES ARE 5% UNLESS OTHERWISE SHOWN.
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RAMP 65

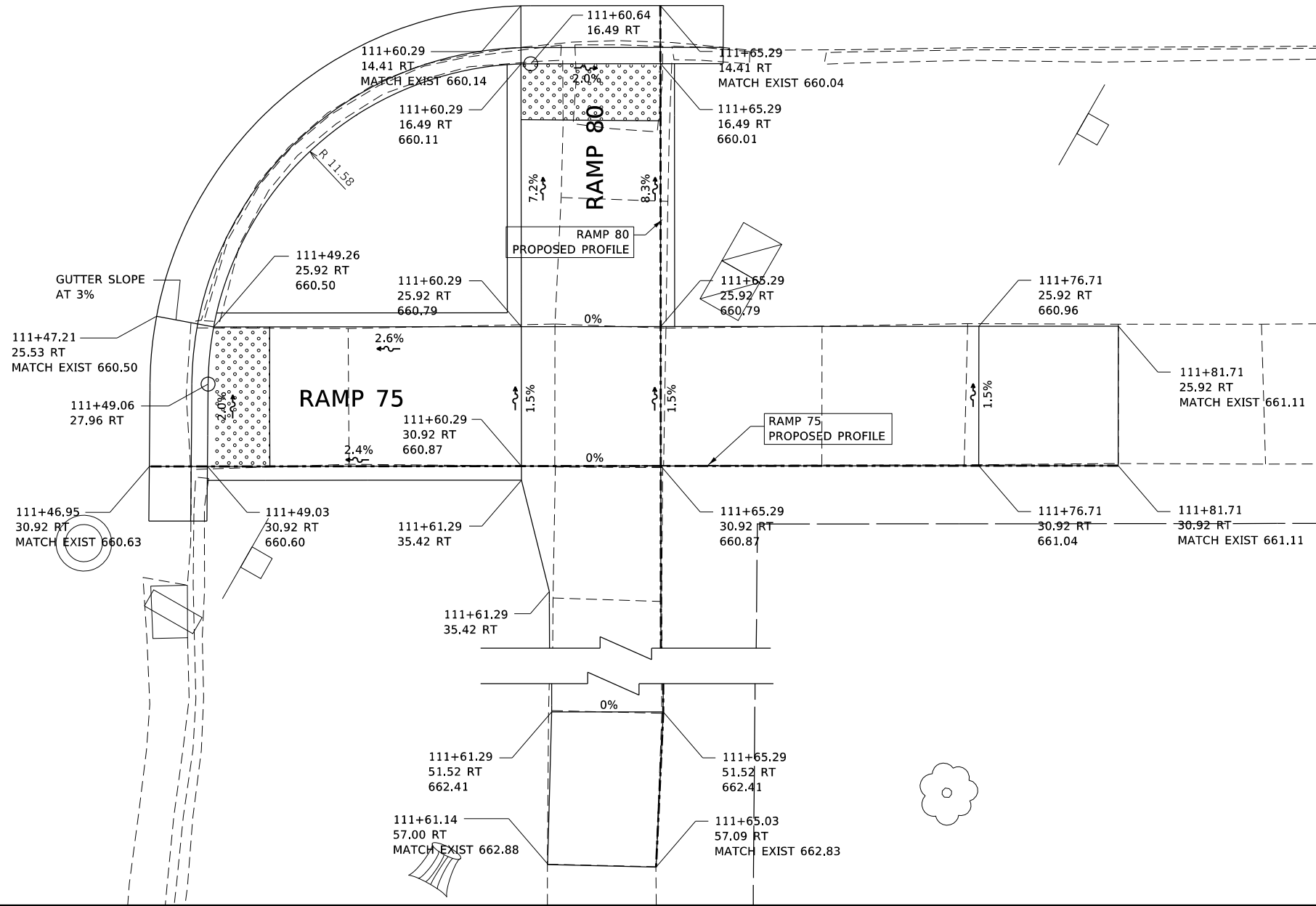
RAMP 70



FILE NAME =	USER NAME = naasdp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP DETAILS: (RAMPS 65 & 70)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
pw:\IL04EB\INTEG\Info\gov\PWIDOT\Documents\DOT Offices\District 9\Projects\78596\CADData\CADsheets\ID978596\Drawings	PLOT SCALE = 5.0000' / 1"	CHECKED -	REVISED -			885	104RS-6	UNION	32	26				
RAMP PLAN SHEETS	PLOT DATE = 10/11/2018	DATE -	REVISED -			CONTRACT NO. 78596								
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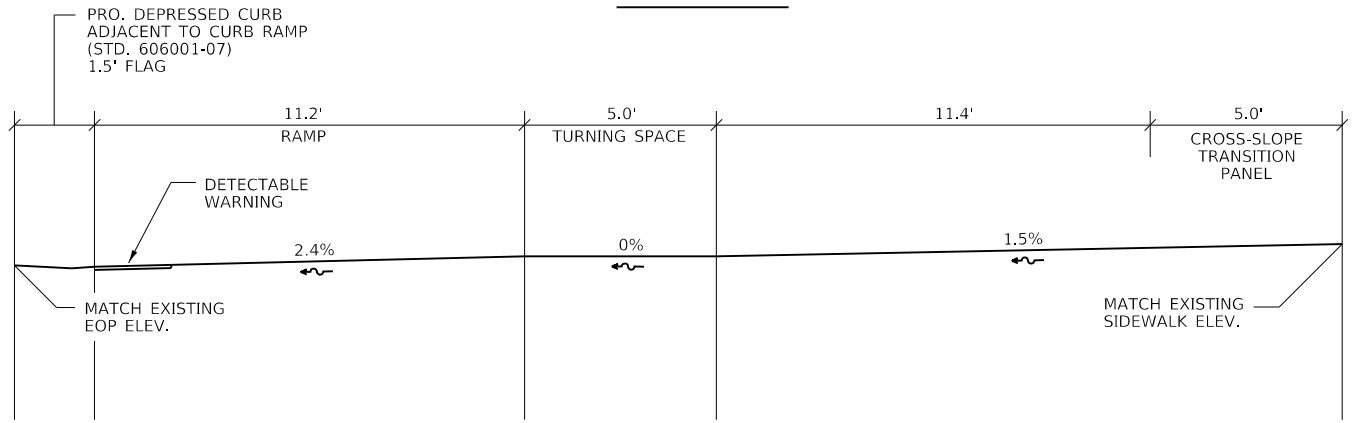


HIGH ST.

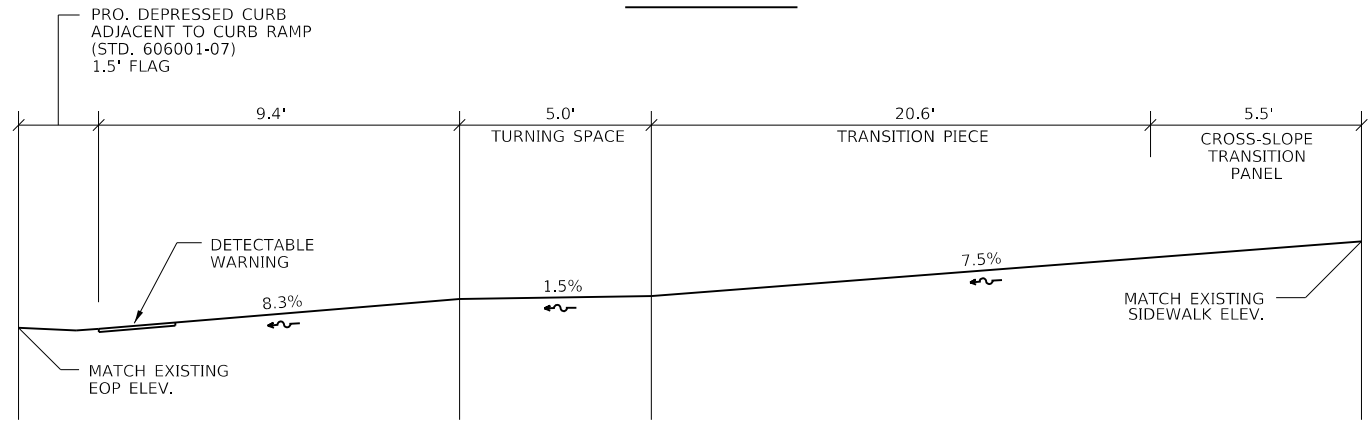


- NOTES:**
- ALL SIDEWALK WIDTHS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (S_MAIN).
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RAMP 75



RAMP 80

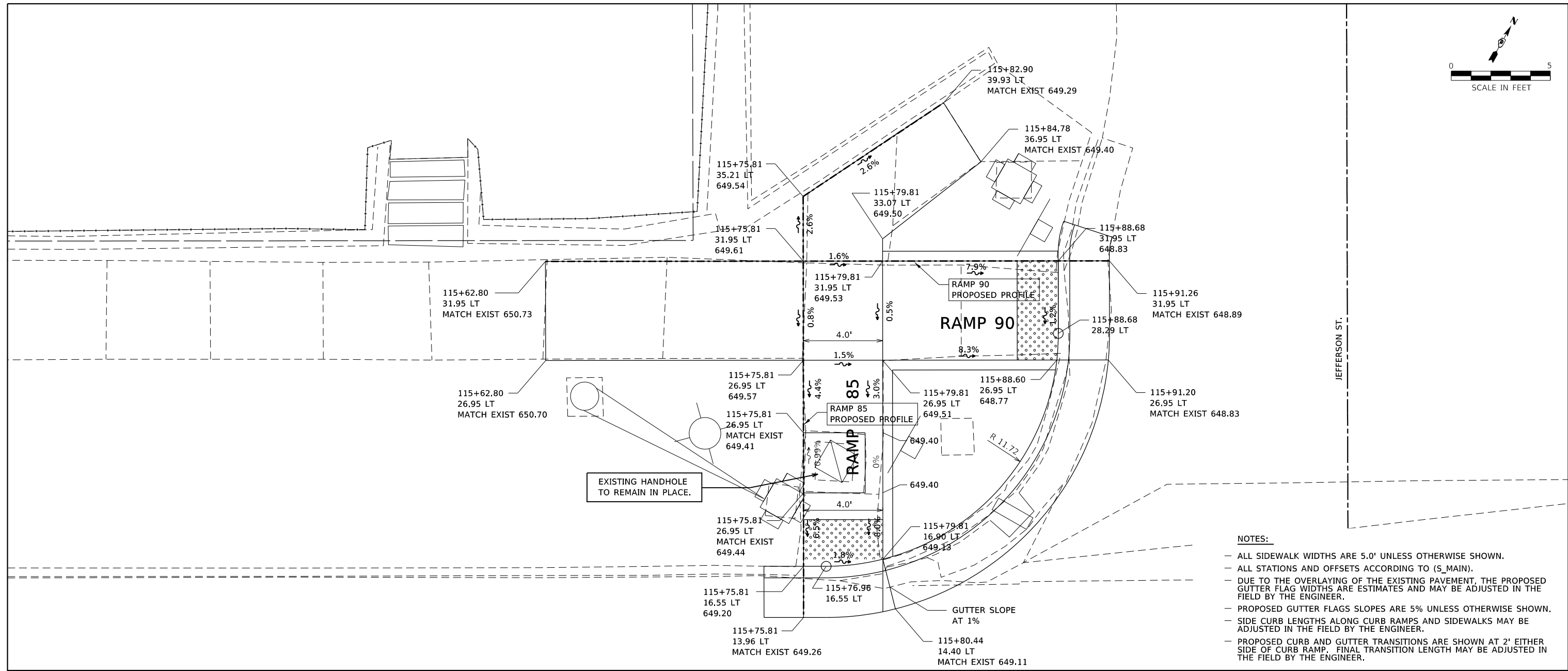
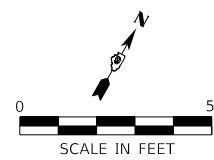


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RAMP PLAN SHEETS	PLOT DATE = 10/11/2018		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RAMP DETAILS: (RAMPS 75 & 80)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

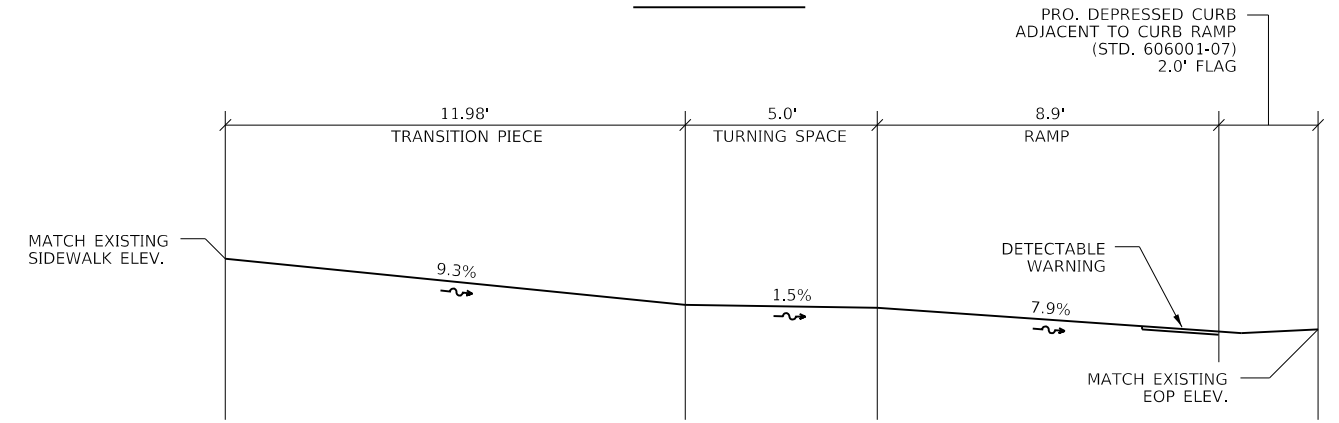
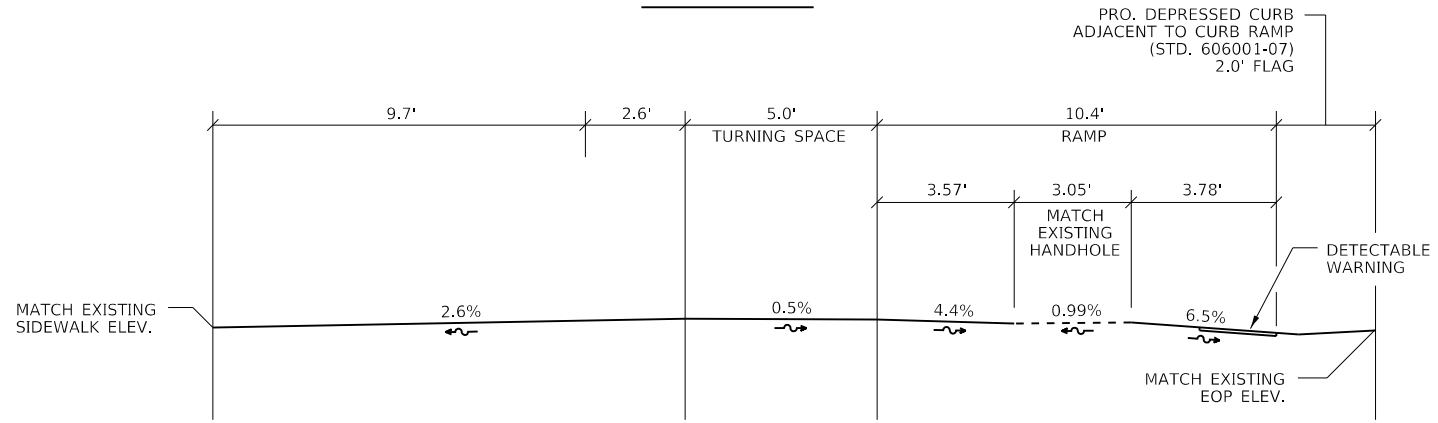
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	104RS-6	UNION	32	27
CONTRACT NO. 78596				
ILLINOIS FED. AID PROJECT				



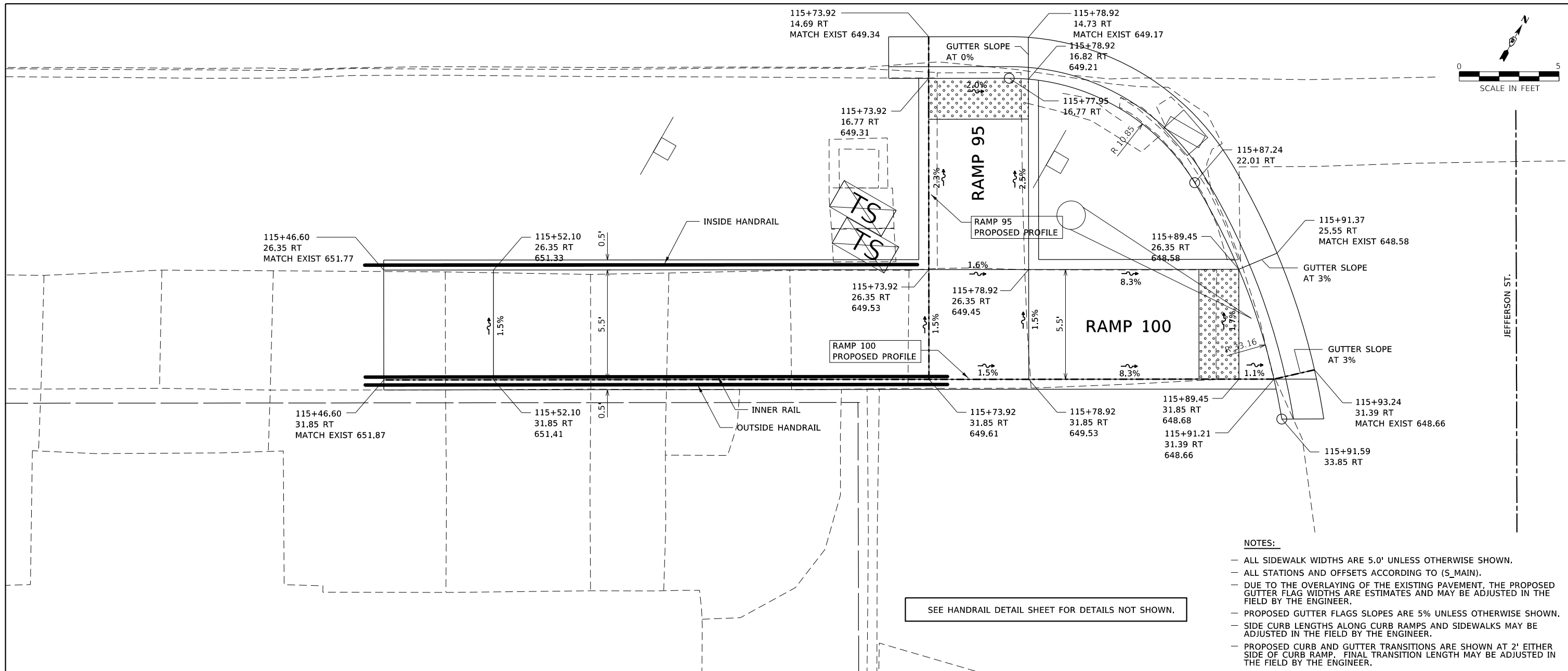
- NOTES:**
- ALL SIDEWALK WIDTHS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (S_MAIN).
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 - SIDE CURB LENGTHS ALONG CURB RAMPS AND SIDEWALKS MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.
 - PROPOSED CURB AND GUTTER TRANSITIONS ARE SHOWN AT 2' EITHER SIDE OF CURB RAMP. FINAL TRANSITION LENGTH MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER.

RAMP 85

RAMP 90



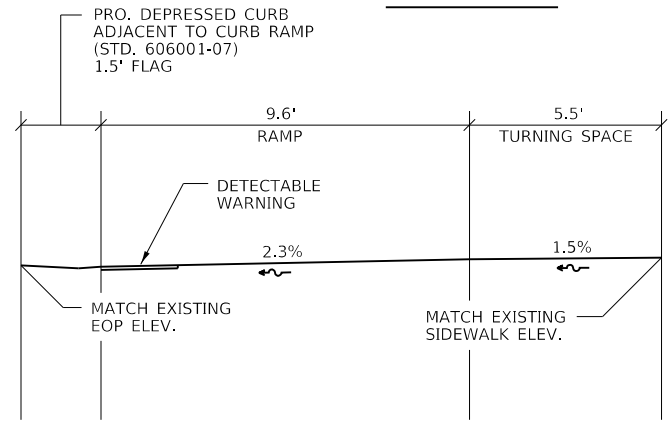
FILE NAME =	USER NAME = naasdp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP DETAILS: (RAMPS 85 & 90)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL04EB\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 9\Projects\78596\CADData\CADsheets\0978596\0978596.dwg		CHECKED -	REVISED -		885	104RS-6	UNION	32	28				
RAMP PLAN SHEETS	PLOT SCALE = 5,000' / 1" /	DATE -	REVISED -		CONTRACT NO. 78596				ILLINOIS	FED. AID PROJECT			
	PLOT DATE = 10/11/2018				SCALE:	SHEET	OF SHEETS	STA.	TO STA.				



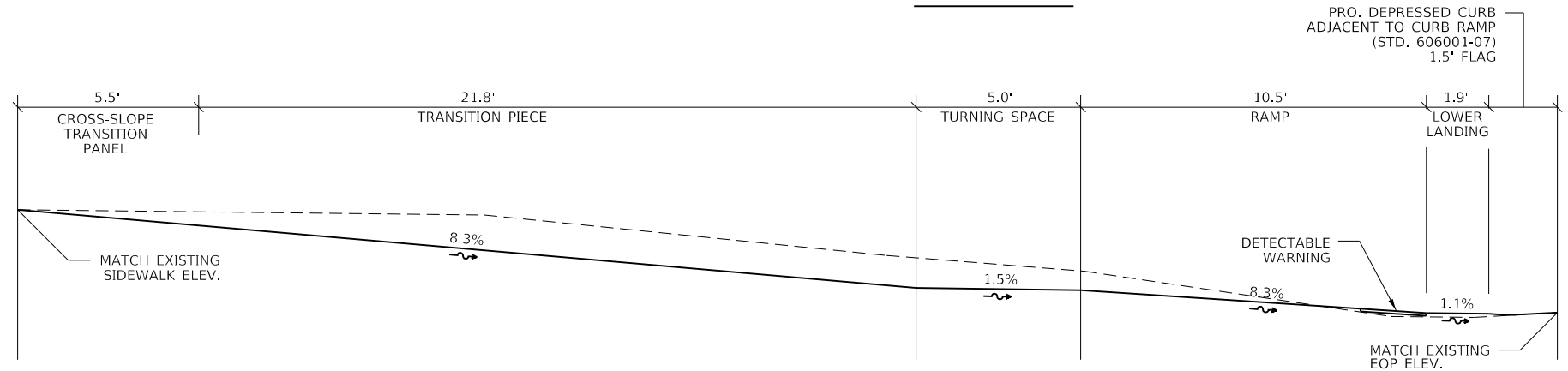
SEE HANDRAIL DETAIL SHEET FOR DETAILS NOT SHOWN.

- NOTES:**
- ALL SIDEWALK WIDTHS ARE 5.0' UNLESS OTHERWISE SHOWN.
 - ALL STATIONS AND OFFSETS ACCORDING TO (S_MAIN).
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RAMP 95

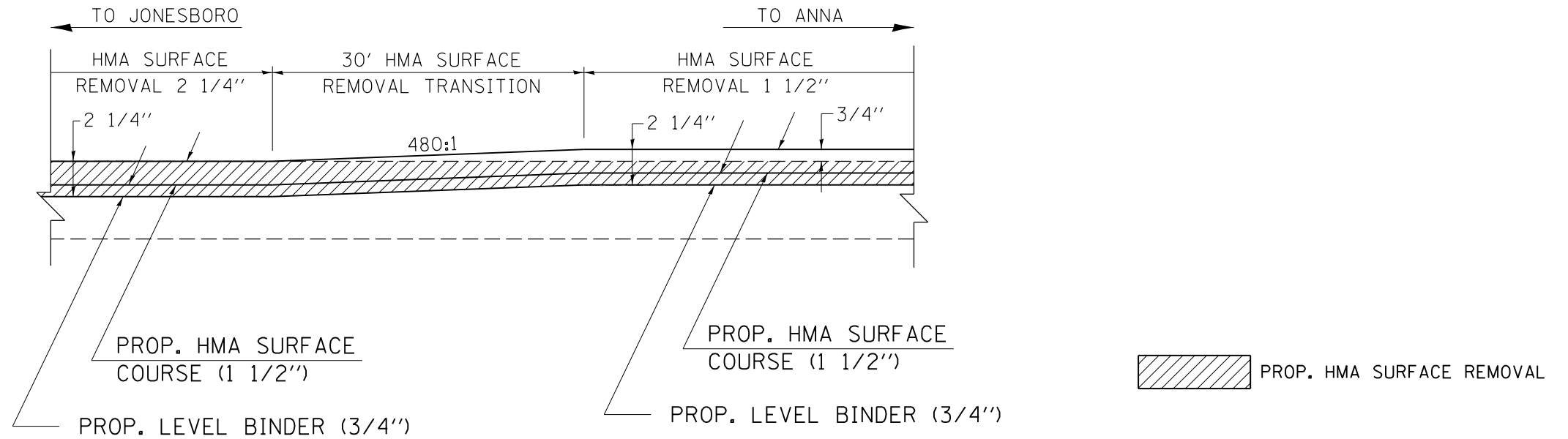


RAMP 100

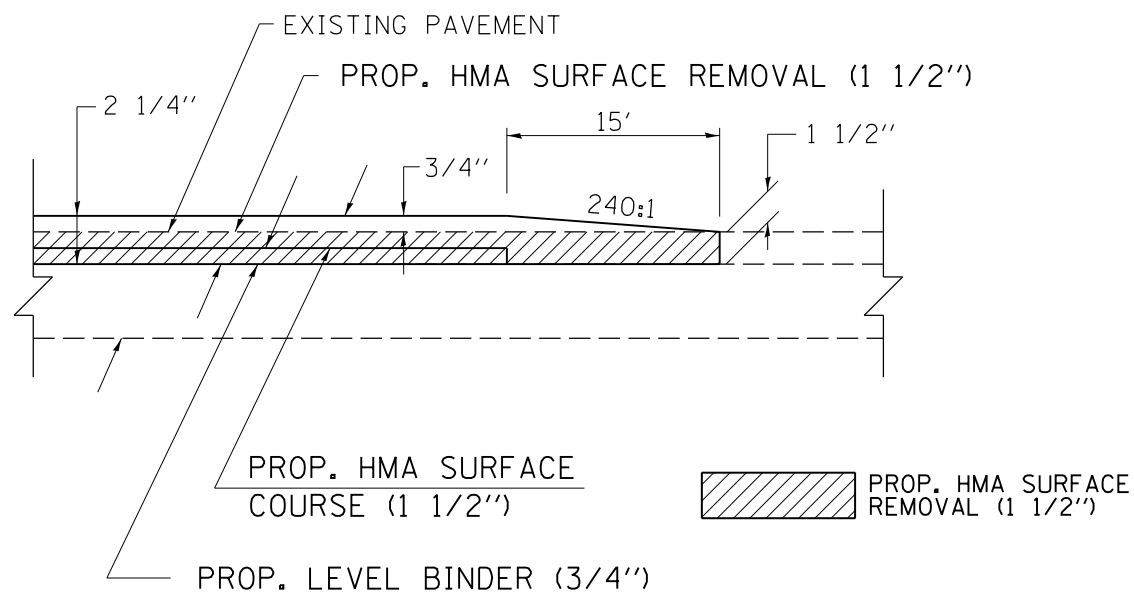


FILE NAME =	USER NAME = naasdp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RAMP DETAILS: (RAMPS 95 & 100)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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RAMP PLAN SHEETS	PLOT SCALE = 5,000' / 1"	DATE -	REVISED -		CONTRACT NO. 78596								
	PLOT DATE = 10/11/2018				SCALE:	SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT		

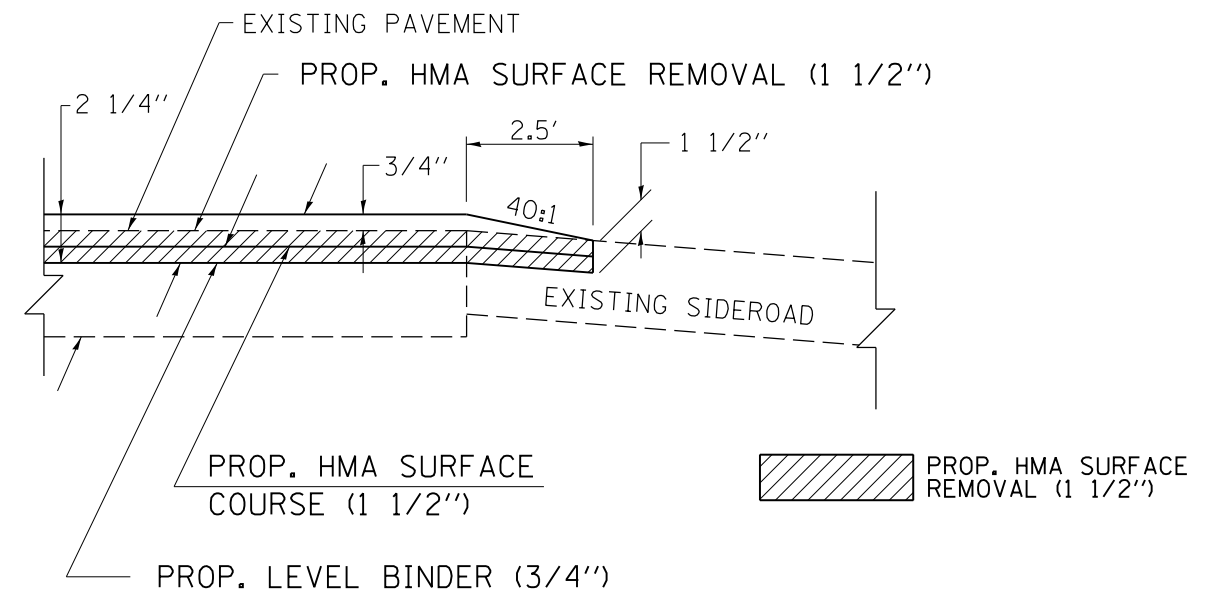
**HMA SURFACE REMOVAL TRANSITION
STA. 43+25 TO 43+55**



**PROPOSED BUTT-JOINT TRANSITION
STA. 74+65.5 TO 74+80.5**



**PROPOSED SIDEROAD TAPER
STA. 43+25 TO 74+80.5**



FILE NAME =	USER NAME = naasdp	DESIGNED -	REVISED -
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	PLOT DATE = 10/11/2018	DATE -	REVISED -

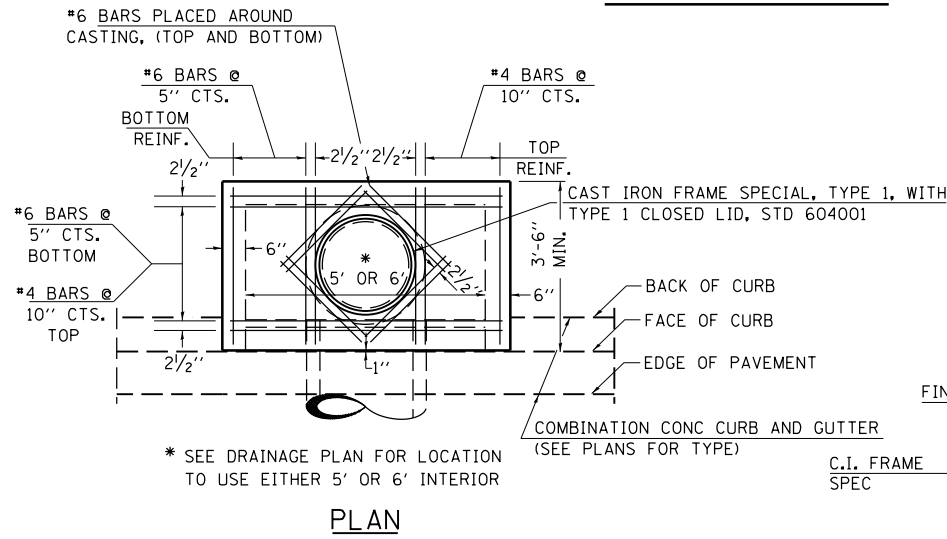
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL SHEETS: BUTT-JOINT TRANSITIONS, SIDEROAD DETAILS,
HMA SURFACE REMOVAL TRANSITIONS.**

SCALE: SHEET OF SHEETS STA. TO STA.

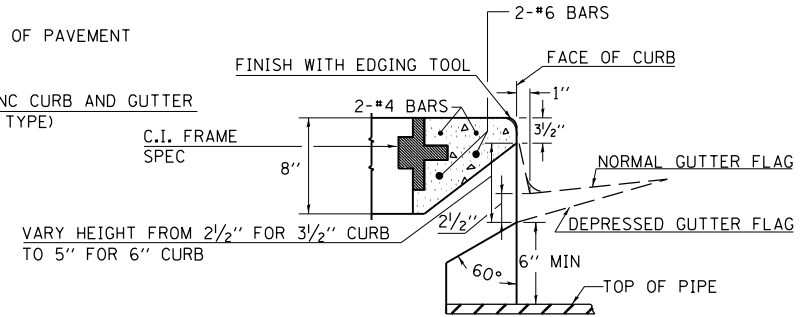
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	104RS-6	UNION	32	30
			CONTRACT NO. 78596	
		ILLINOIS FED. AID PROJECT		

INLET SPECIAL

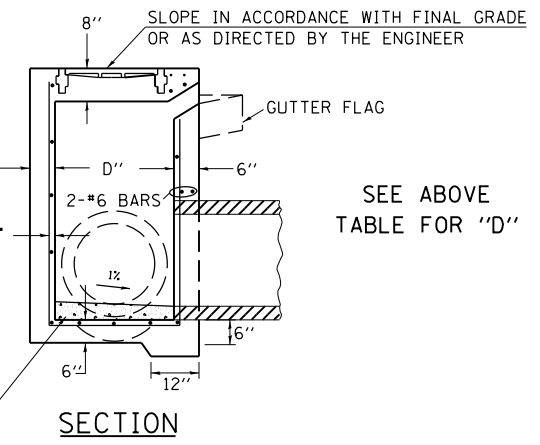
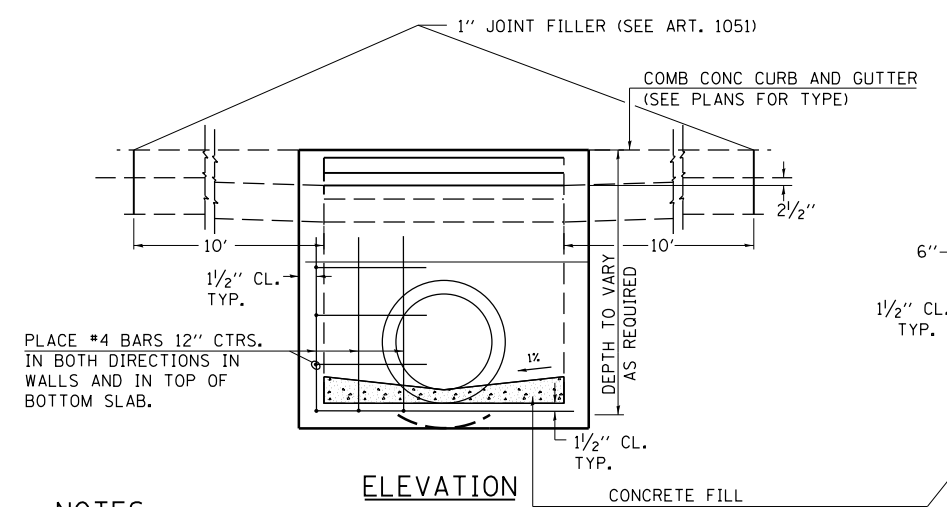


"D" TABLE

DESIGN	PIPE DIA	"D"
A	18" & LESS	2'-6"
B	21" & 24"	3'-0"
C	27" & 30"	3'-7"
D	33" & 36"	4'-2"
E	42"	4'-9"
F	48"	5'-0"
G	54"	6'-1"



SECTION AT WEIR



SECTION

NOTES:

PROVIDE 1/2" CLEARANCE TYP. ALL REINFORCEMENT UNLESS OTHERWISE SPECIFIED.

GUTTER FLOWLINE AT INLET 2 1/2" BELOW NORMAL GUTTER FLOWLINE. CONSTRUCT TRANSITION IN FLOWLINE IN 10 FEET EACH SIDE OF INLET. PIPES TO BE CONNECTED TO INLET AS SHOWN ON STORM SEWER LAYOUT.

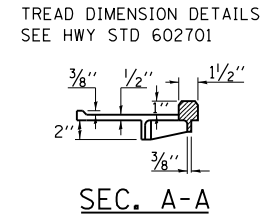
INLETS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR **INLET, SPECIAL**, WHICH PRICE SHALL INCLUDE THE CAST IRON FRAME, SPECIAL, TYPE 1 WITH TYPE 1 CLOSED LID, THE REINFORCEMENT BARS, METAL STEPS AND JOINT FILLER.

IF THE INLET IS NOT CAST IN PLACE THEN THE INLET SHALL BE PRODUCED ACCORDING TO THE DEPARTMENT'S CURRENT STANDARD SPECIFICATIONS SECTIONS 602 AND 1042.

****STEPS WILL BE REQUIRED AT 12" SPACING WHEN INLET IS OVER 4' DEEP. SEE ARTICLE 602.08 OF THE STANDARD SPECS AND DETAILS**

CAST IRON STEPS SHALL BE GRAY IRON CONFORMING TO THE REQUIREMENTS OF ARTICLE 1006.14 OF THE STANDARD SPECIFICATIONS.

* * CAST IRON STEPS



* * GALVANIZED IRON STEPS

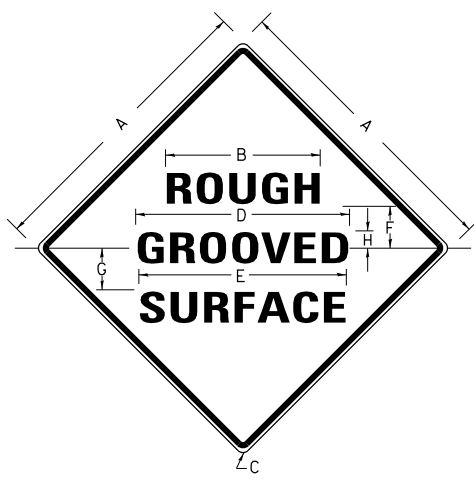
1" ROUND GALVANIZED IRON STEPS 12" O.C. (OPTIONAL STEPS)

REVISIONS

REDRAWN	2-15-89	REVISED	3-26-08
REVISED	8-15-94	REVISED	4-10-13
REVISED	1-19-99	REVISED	
REVISED	5-6-04	REVISED	

STD. 9-1

ILLINOIS STANDARD



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR GIN	BOR DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

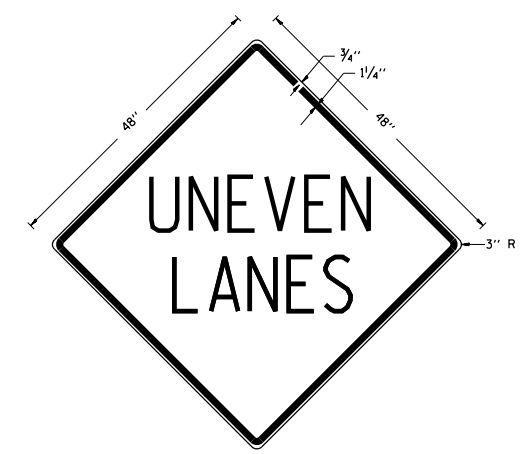
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

REDRAWN	2-15-89
REVISED	4-6-93
REVISED	3-27-08
REVIEWED	5-17-13

STD. 9-39

UNEVEN LANES SIGN W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

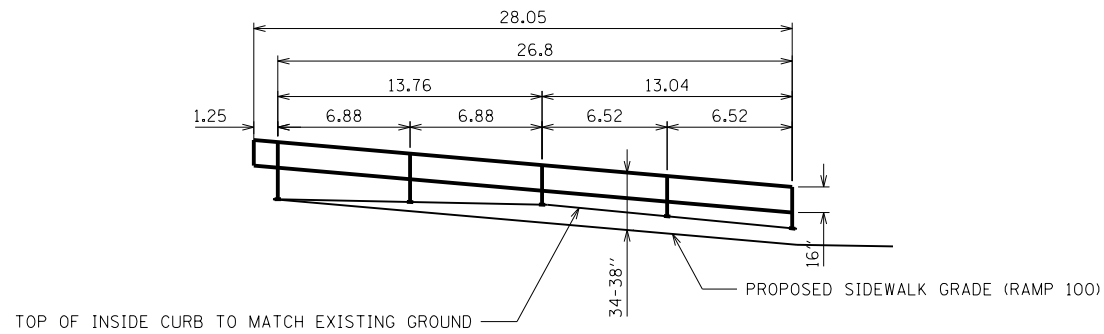
REVISIONS

DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08
REVIEWED	5-17-13

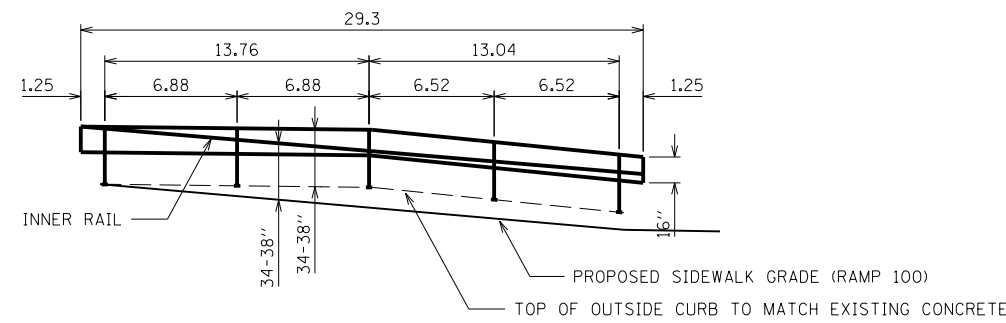
STD. 9-41

PIPE HANDRAIL DETAIL

RAMP 100

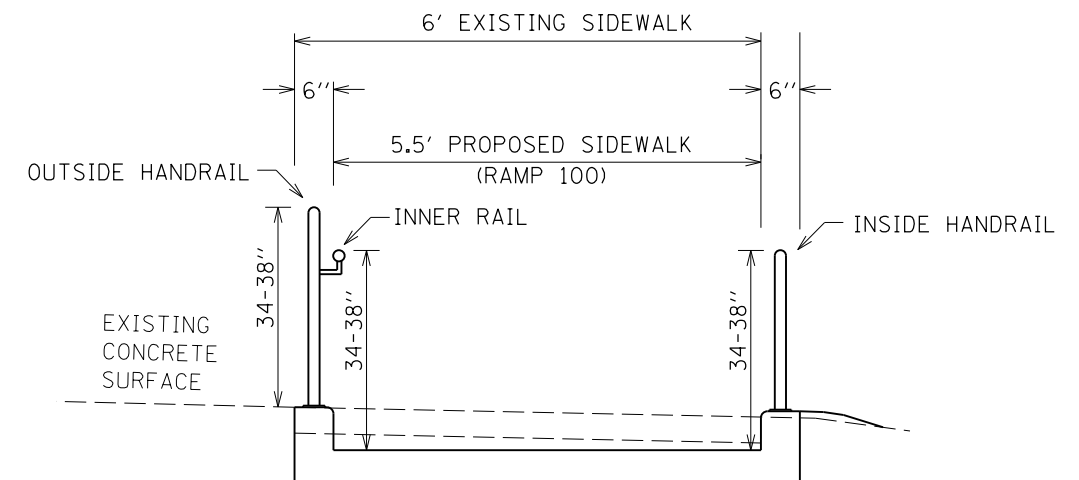


INSIDE HANDRAIL DETAIL (RAMP 100)



OUTSIDE HANDRAIL DETAIL (RAMP 100)

PIPE HANDRAIL	LOCATION	Unit	Quantity
INSIDE HANDRAIL	115+45.60, 26.10 RT TO 115+74.92, 26.10 RT	Foot	28.05
INNER RAIL	115+45.60, 31.71 RT TO 115+74.92 RT	Foot	29.3
OUTSIDE HANDRAIL	115+45.60, 32.10 RT TO 115+74.92 RT	Foot	29.3
			86.7



NOTES

1. All post, railing, splices, anchor devices, and mounting plates shall be painted black.
2. The Contractor shall drill and epoxy stainless steel anchor rods for post bases according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.
3. The Contractor will provide 1/8" thick rubber pad between the concrete and mounting plate.