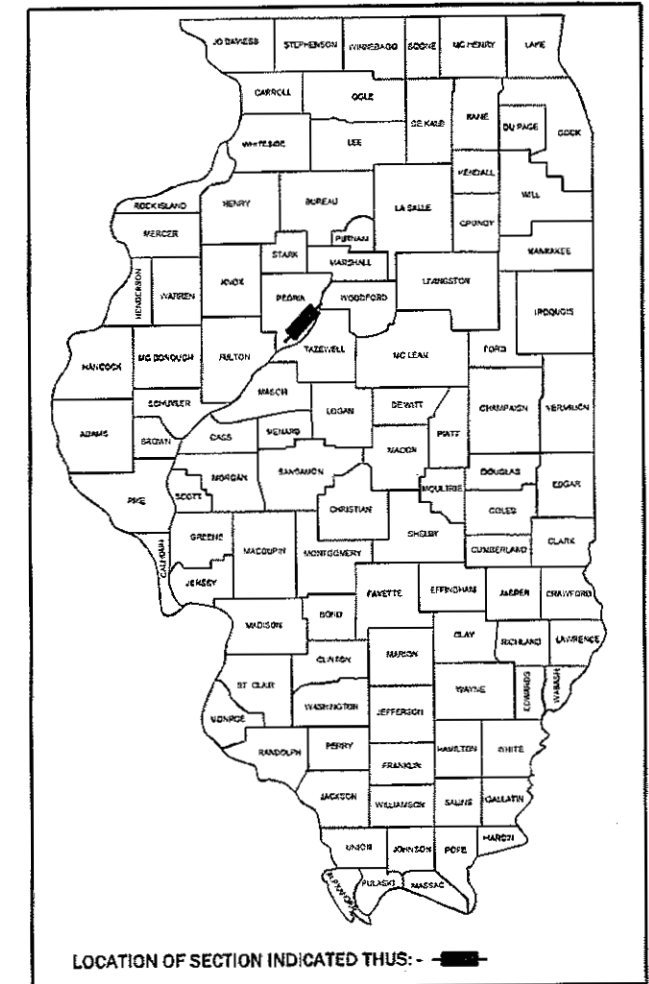


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	1
		ILLINOIS	CONTRACT NO. 68D15	

D-94-024-16



LOCATION OF SECTION INDICATED THIS: - [black rectangle] -

PROJECT DESCRIPTION: THIS PROJECT CONSISTS OF PAVEMENT PATCHING, HMA SURFACE REMOVAL, LEVELING BINDER, SURFACE COURSE, CONSTRUCTION OF ADA RAMPS AT VARIOUS LOCATIONS, TRAFFIC SIGNAL IMPROVEMENTS, DRAINAGE REPAIRS, UTILITY AND DRAINAGE MANHOLE REPAIRS, AND OTHER RELATED COLLATERAL WORK NECESSARY TO COMPLETE THE PROJECT AS SHOWN IN THE PLANS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Dec 15 2017
Kensie A Barnett (KSD)
REGION THREE ENGINEER

Feb 2 2018
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Feb 2 2018
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

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INDEX OF SHEETS

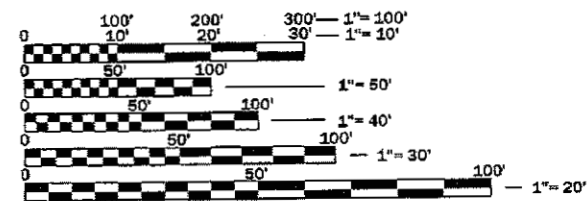
1. COVER SHEET
2. GENERAL NOTES & COMMITMENTS
3. JOB SPECIFIC NOTE, HMA MIXTURE REQUIREMENTS & STATUS OF UTILITIES
- 4-10. SUMMARY OF QUANTITIES
- 11-18. SCHEDULE OF QUANTITIES
19. LINE DIAGRAM
20. CONTROL POINTS, TIE POINTS AND BENCHMARKS
21. MONUMENT RECORD
22. TYPICAL SECTION
- 23-25. STAGING DETAILS
- 26-37. GENERAL PLAN & DETAIL
38. MANHOLE ADJUST DETAIL
- 39-40. INLET DETAILS
- 41-59. ADA CURB RAMP DETAILS
- 60-68. SIDEWALK DETAILS
- 69-81. PROPOSED PAVEMENT MARKINGS
- 82-98. PROPOSED SIGNAL PLANS
- 99-109. CADD STANDARDS

HIGHWAY STANDARDS

000001-06	701411-09	780001-05	873001-02
001006	701427-05	781001-04	876001-04
420111-04	701601-09	805001-01	877002-04
420701-03	701602-09	814001-03	877011-09
442101-08	701701-10	814006-02	877012-06
442201-03	701801-06	821101-02	878001-10
606001-07	701901-07	857001-01	880006-01
667101-02	720011-01	862001-01	

DESIGN DESIGNATION (IL 40)

OTHER PRINCIPAL ARTERIAL
2015 ADT = 26500
MU = 150
SU = 475



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

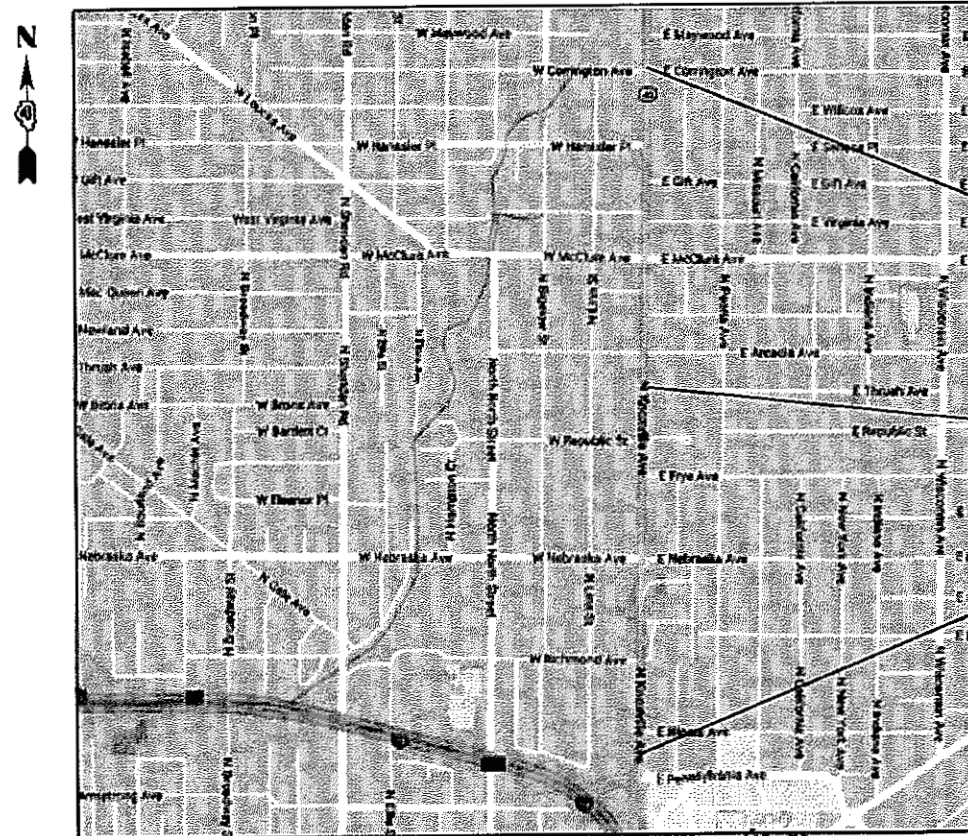
PROJECT ENGINEER: RICH DOTSON (309)671-3455
PROJECT MANAGERS: ANNA BERGSIEKER & RON NOLTE (309)671-3470
CATALOG NO. 035399-00D
CONTRACT NO. 68D15

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 646 (IL 40)
SECTION (43-1-CS)RS-4
PROJECT NHPP-56YG(953)

3P
PEORIA COUNTY
C-94-058-16



IL 40 STA. 0+00
(CORRINGTON AVE.)
IMPROVEMENT BEGINS

STATION EQUATION
STA. 28+49.91 BK
STA. 28+44.67 AH

IL 40 STA. 61+28.81
(PENNSYLVANIA AVE.)
IMPROVEMENT ENDS

GROSS LENGTH = 7,814.05 FT. = 1.48 MILE
NET LENGTH = 6,134.05 FT. = 1.16 MILE

107.00 COMMITMENTS

There are no commitments with this Contract.

GENERAL NOTES

107.09 PROPERTY OWNER ACCESS REQUIREMENTS

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

107.09A CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent side roads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

204.00 ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- * BDE Form 2289 (Environmental Survey Request)
- * BDE Form 2290 (Waste/Use Area Review)
- * A location map showing the size limits and location of the use area
- * Color photographs depicting the use area
- * Borrow Area Entry Agreement form—D4 PI0101

Please note that a minimum of four weeks shall be allowed for the District to obtain the required environmental clearances and six weeks for the required borrow site environmental clearances.

406.03 PAVEMENT STATIONING NUMBERS & PLACEMENT

The Contractor shall provide labor and materials required to imprint pavement station numbers in the finished surface of the pavement and/or overlay. The numbers shall be approximately 3/4 inch (20mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) deep.

The pavement station numbers shall be installed as specified herein:

Interval – 200 feet (English stationing) or 100 meters (metric stationing)

Bottom of Numbers – 6 inches (150 mm) from the inside edge of the pavement marking

Location:

- * 2,3, & 5 Lane Pavements – right edge of pavement in direction of increasing stations
- * Multi-Lane Divided Roadways – outside edge of pavement in both directions
- * Ramps – along baseline edge of pavement

Position – stations shall be placed so they can be read from the adjacent shoulder

Format – English (Metric) pavement stations shall use this format "XXX (XX+X00)" where X represents the pavement station

This work will not be paid for separately, but will be considered included in the cost of the associated pavement and/or overlay pay items.

406.18 BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

406.19 PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

602.00 EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

670.00 ENGINEERS FIELD OFFICE

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e):
All of the telephone lines provided shall have unpublished numbers.

720.00 SIGNING

Sign locations may vary from the stations shown on the plans in accordance with directions from the Engineer at the time of construction. Sign locations may be adjusted in the field to avoid any found utilities.

All wood post locations shall be verified with the Bureau of Operations, Traffic Section, before installation.

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PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES & COMMITMENTS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	2
CONTRACT NO. 68D15			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				0005	0005	0005	0021	0021
				ROADWAY 80% FED 20% STATE	SIDEWALKS 100% CITY	SIDEWALKS 80% STATE 20% CITY	SIGNALS 80% FED 10% STATE 10% CITY	LIGHTING 100% CITY
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2420	2420				
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	410	410				
40600990	TEMPORARY RAMP	SQ YD	1142	1142				
40603565	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	3055	3055				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	31	31				
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2669			2669		
* 42400800	DETECTABLE WARNINGS	SQ FT	253	253				
44000158	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	42810	42810				
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1196	1196				
44000600	SIDEWALK REMOVAL	SQ FT	2669			2669		
44200050	WELDED WIRE REINFORCEMENT	SQ YD	1253	1253				
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	19	19				
44201298	DOWEL BARS 1 1/4"	EACH	46	46				
44201398	CLASS C PATCHES, TYPE I, 14 INCH	SQ YD	13	13				

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	4
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE				
0005	0005	0005	0021	0021
ROADWAY	SIDEWALKS	SIDEWALKS	SIGNALS	LIGHTING
80% FED	100% CITY	80% STATE	80% FED	100% CITY
20% STATE		20% CITY	10% STATE	
			10% CITY	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	100	100				
70107006	PAVEMENT MARKING BLACKOUT TAPE, 6"	FOOT	656	656				
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	26942	26942				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	9613	9613				
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	305	305				
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	875	875				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	25211	25211				
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	3110	3110				
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1717	1717				
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	179	179				
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	1555	1555				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	442	442				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	423	423				
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	57				57	

* SPECIALTY ITEM

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CSRS-4	PEORIA	109	6
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE				
				0005	0005	0005	0021	0021
				ROADWAY	SIDEWALKS	SIDEWALKS	SIGNALS	LIGHTING
				80% FED 20% STATE	100% CITY	80% STATE 20% CITY	80% FED 10% STATE 10% CITY	100% CITY
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8				8	
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	8				8	
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V. (XLP-TYPE USE) 1/C NO. 6	FOOT	566				44	522
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1095.5				1095.5	
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1922.5				1922.5	
* 87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1				1	
* 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	11				11	
* 87602000	PEDESTRIAN PUSH-BUTTON POST	EACH	1				1	
* 87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1				1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3				3	
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21				21	
* 87900100	DRILL EXISTING FOUNDATION	EACH	4				4	
* 87900200	DRILL EXISTING HANDHOLE	EACH	12				12	
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8				8	

* SPECIALTY ITEM

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PLOT DATE = 12/15/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	143-1-CSIRS-4	PEDRIA	109	7
CONTRACT NO. 68D15			ILLINOIS FED. AID PROJECT	

REV

LOCATION			SIDEWALK REMOVAL	SIDEWALK REMOVAL (SPECIAL)	COMB. CURB & GUTTER REMOVAL	PCC DRIVEWAY PAVEMENT, 8"	PCC SIDEWALK, 4"	PCC SIDEWALK 4", SPECIAL	DETECTABLE WARNINGS	COMB. CC&G, TYPE B-6.06	COMB. CC&G, TYPE B-6.12	COMB. CC&G, TYPE B-6.18	COMB. CC&G, TYPE B-6.24	CONTROLLED LOW-STRENGTH MATERIAL
NORTHBOUND (LT. STATION)	SOUTHBOUND (RT. STATION)	ADA RAMP LOCATIONS	SQ. FT.	SQ. FT.	FOOT	SQ. YD.	SQ. FT.	SQ. FT.	SQ. FT.	FOOT	FOOT	FOOT	FOOT	CU .YD.
	STA. 3+35		92.3		20.5		92.3					17.5		0.44
AT 2806 N. KNOXVILLE AVE. (STA. 3+45)				50.4	11.0	5.6						8.0		0.24
	AT 2617 N. KNOXVILLE AVE. (STA. 10+13)			85.5	19.0	9.5						16.0		0.41
		GIFT AVE												
		SE RAMP		242.5	35.3			284.8	10.0				32.3	0.76
		McCLURE INTERSECTION												
		SE RAMP		241.9	37.0			244.4	23.5	34.0				0.80
		NE RAMP		176.3	39.1			189.0	20.5		39.1			0.84
		NW RAMP		747.8	96.1			476.9	12.6	90.1				2.08
		SW RAMP		158.8	27.7			169.1	13.8	24.7				0.60
		ARCHER AVE												
		NE RAMP		302.2	37.5			302.8	10.0				34.5	0.81
		ARCADIA AVE.												
STA. 24+95		NE QUADRANT	47.5		15.0		47.5					12.0		0.32
		THRUSH AVE												
		SOUTH RAMP		185.6	42.0			192.3	17.4		39.0			0.91
		NORTH RAMP		111.3	18.8			111.3	14.0				18.8	0.41
		BRIARWOOD COURT												
STA. 33+00		SE QUADRANT	58.4		12.5		58.4					9.5		0.27
	STA. 36+77 TO STA. 37+35		256.0		57.6		256.0					57.6		1.24
	AT 2005 N. KNOXVILLE AVE. (STA. 39+50)		220.5	144.0	81.0	16.0	220.5					78.0		1.75
	RT. STA.39+95 TO STA. 40+58		270.5		63.4		270.5					63.4		1.37
		NEBRASKA INTERSECTION												
		SE RAMP		201.9	6.3			201.8	12.6				6.3	0.14
		ISLAND							28.2					
		NE RAMP		180.7	43.5			195	18.7	40.5				0.94
		NW RAMP		189.0	44.7			200.4	10.8	44.7				0.97
		SW RAMP		238.4	31.1			249.9	12.0	28.1				0.67
	RT. STA. 43+79 TO STA. 45+35		678.3		155.4		678.3			155.4				3.36
	RT. STA. 47+11 TO STA. 48+51		631.8		140.0		631.8					140.0		3.02
	RT. STA. 49+05 TO STA.49+66		274.1		61.1		274.1					61.1		1.32
	RT. STA. 49+77		67.5		15.0		67.5					12.0		0.32
		RICHMOND AVE												
		SE RAMP		225.5	51.7			260.5	28.2		16.5		29.1	1.11
		NE RAMP		95.9	18.0			91.0	21.1		18.0			0.39
	RT. STA. 55+10		72.3		15.5		72.3					12.5		0.33
	TOTAL		2669.0	3578.0	1196.0	31.0	2669.0	3169.0	253.0	417.5	112.5	487.5	121.0	25.8

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	12
CONTRACT NO. 68D15			ILLINOIS FED. AID PROJECT	

MAINLINE RESURFACING TABLE

LOCATION	LENGTH	SB TURNLANE	NB TURNLANE & ADDITIONAL DRIVING LANE	*	**	BI-DIRECTIONAL TURN LANE	HMA SURFACE REMOVAL- BUTT JOINT	TEMPORARY RAMP	HMA SURFACE REMOVAL	2 APPLICATIONS		POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50	POLY. HMA SURFACE COURSE, MIX "E", N70		HMA SURFACE REMOVAL, SPECIAL	MATERIAL TRANSFER DEVICE		
				DRIVING LANES	PASSING LANES					BITUMINOUS MATERIALS (TACK COAT), SPECIAL			QTY. FOR JOINT TREATMENT ON CL & AUX/TURN LN					
MAINLINE ROAD TO SIDE ROAD	MAINLINE STATIONING	13'	11'-13'	26'	22'	10'	10'	TAPER RATE 1:40	2.25"	0.13 LBS/SQ. FT.	QTY. FOR JOINT TREATMENT ON CL & AUX/TURN LN	1"	1.25"	QTY. FOR JOINT TREATMENT ON CL & AUX/TURN LN	QTY. FOR JOINT TREATMENT ON CL & AUX/TURN LN			
	NORTH TO SOUTH	FEET	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	LBS.	LBS.	TON	TON	TON	SQ. YD.	TON		
JOINT NORTH OF CORRINGTON	0+00																	
E. CORRINGTON AVE.	0+33.05	33.1		95.5	80.8	36.7	62.2	46.7	150.8	498.4	4.3	11.9	14.9	0.1	1.8	27.0		
W. CORRINGTON AVE.	0+39.29	6.2		18.0	15.3	6.9			40.2	94.1	0.8	2.3	2.8	0.0	0.3	5.1		
W. HANSSLER PLACE	6+91.67	652.4		1884.7	1594.7	724.9			4204.2	9837.9	84.8	235.4	294.3	2.5	36.2	532.3		
E. GIFT AVE.	10+13.84	322.2		930.7	787.5	358.0			2076.2	4858.3	41.9	116.3	145.3	1.3	17.9	262.9		
W. VIRGINIA AVE.	12+87.95	274.1		791.9	670.0	304.6			1766.5	4133.6	35.6	98.9	123.7	1.1	15.2	223.6		
E. VIRGINIA AVE.	13+59.91	72.0		207.9	175.9	80.0			463.7	1085.2	9.4	26.0	32.5	0.3	4.0	58.7		
MCCLURE AVE.	16+88	328.1		947.8	802.0	364.5			2114.4	4947.6	42.7	118.4	148.0	1.3	18.2	267.7		
BEVERLY COURT	19+80.34	292.3		844.5	714.6	324.8		318.1	1884.0	4408.5	38.0	105.5	131.9	1.1	16.2	238.5		
ARCHER AVE.	21+85.82	205.5		593.6	502.3	228.3			1324.2	3098.6	26.7	74.2	92.7	0.8	11.4	167.6		
W. ARCADIA AVE.	25+16.48	330.7		955.2	808.3	367.4			2130.9	4986.4	43.0	119.3	149.2	1.3	18.4	269.8		
E. ARCADIA AVE.	25+19.36	2.9		8.3	7.0	3.2			18.6	43.4	0.4	1.0	1.3	0.0	0.2	2.3		
E. THRUSH AVE.	28+49.91BK/ 28+44.67 AH	330.6		954.9	808.0	367.3			2130.2	4984.7	43.0	119.3	149.1	1.3	18.4	269.7		
E. BRIARWOOD CT.	32+73.81	429.1		1239.7	1049.0	476.8		137.8	2765.6	6471.4	55.8	154.9	193.6	1.7	23.8	350.1		
W. REPUBLIC ST.	32+98.31	24.5		70.8	59.9	27.2			157.9	369.5	3.2	8.8	11.1	0.1	1.4	20.0		
E. FRYE AVE.	36+06.14	307.8		889.3	752.5	342.0			1983.8	4642.1	40.0	111.1	138.9	1.2	17.1	251.2		
NEBRASKA AVE.	43+29	722.9		2088.3	1767.0	803.2			4658.4	10900.7	94.0	260.9	326.1	2.8	40.2	589.8		
W. RICHMOND AVE.	52+13.60	884.6		2555.5	2162.4	982.9		238.0	6674.9	15619.3	197.5	373.8	467.2	5.9	84.4	846.9		
E. ILLINOIS AVE.	58+32.4	618.8		1787.6	1512.6	687.6		140.8	4442.5	9331.5	131.3	248.8	311.0	3.9	56.1	563.7		
JOINT NORTH OF PENNSYLVANIA	61+28.81	296.4	182.4	856.3	724.5	329.3		66.7	2350.0	4469.7	99.6	136.6	170.7	3.0	42.5	310.3		
MAINLINE SUB-TOTAL									151.1	947.9	41337.0	94780.9	991.7	2323.3	2904.2	29.7	423.8	5257.2
SIDE ROAD SUB-TOTAL									259.2	194.4	1473.3	4054.1	97.0	121.3	-	-	218.3	
JOB TOTAL									410.0	1142.0	42810.0	99830.0	2420.0	3055.0	424.0	5476.0		

* DL widths (NB & SB) include 6" mill wide pave wide and 1.5' gutter pan overlay
 ** Includes both NB & SB Lane (11 FT each)

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PLOT DATE = 12/15/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	13
CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		

SIDE ROAD RESURFACING TABLE							
LOCATION	HMA SURFACE REMOVAL- BUTT JOINT	TEMPORARY RAMP	HMA SURF. REMOVAL	2 APPLICATIONS	POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, N50	POLY. HMA SURFACE COURSE, MIX "E", N70	MATERIAL TRANSFER DEVICE
				BIT. MATLS. (TACK COAT), SPECIAL			
SIDE ROADS	10'	TAPER RATE 1:40	2.25"	0.13 LBS/SQ. FT.	1.0"	1.25"	
	SQ. YD.	SQ. YD.	SQ. YD.	LBS.	TON	TON	TON
E. CORRINGTON AVE.			12.9	30.1	0.7	0.9	1.6
W. CORRINGTON AVE.			13.0	30.4	0.7	0.9	1.6
W. HANSSLER PLACE			15.8	37.0	0.9	1.1	2.0
E. GIFT AVE.			11.6	27.1	0.6	0.8	1.5
W. VIRGINIA AVE.			11.6	27.1	0.6	0.8	1.5
E. VIRGINIA AVE.			11.1	26.0	0.6	0.8	1.4
W. MCCLURE AVE.	57.2	42.9	227.3	665.7	15.9	19.9	35.8
E. MCCLURE AVE.	56.7	42.5	132.1	441.8	10.6	13.2	23.8
W. BEVERLY COURT			11.8	27.6	0.7	0.8	1.5
E. ARCHER AVE.			11.3	26.4	0.6	0.8	1.4
W. ARCADIA AVE.			12.4	29.0	0.7	0.9	1.6
E. ARCADIA AVE.			12.9	30.2	0.7	0.9	1.6
E. THRUSH AVE.	32.2	24.2	64.5	226.3	5.4	6.8	12.2
E. BRIARWOOD CT.			8.7	20.4	0.5	0.6	1.1
W. REPUBLIC ST.			10.8	25.3	0.6	0.8	1.4
E. FRYE AVE.			9.0	21.1	0.5	0.6	1.1
W. NEBRASKA AVE.	45.5	34.1	152.9	464.3	11.1	13.9	25.0
E. NEBRASKA AVE.	38.5	28.9	706.8	1744.0	41.7	52.2	93.9
W. RICHMOND AVE.	29.1	21.8	24.2	124.7	3.0	3.7	6.7
E. ILLINOIS AVE.			12.6	29.5	0.7	0.9	1.6
<i>SIDE ROAD SUB-TOTAL</i>	<i>259.2</i>	<i>194.4</i>	<i>1473.3</i>	<i>4054.1</i>	<i>97.0</i>	<i>121.3</i>	<i>218.3</i>
SEE PAVEMENT TABLE FOR TOTALS	-	-	-	-	-	-	-

LOCATION	GAS VALVE TO BE ADJUSTED	WATER VALVES TO BE ADJUSTED
	EACH	EACH
WEST CORRINGTON AVE.	1	1
EAST CORRINGTON AVE.	1	2
		1
W. HANSSLER PLACE		1
E. GIFT AVE.	1	1
		1
E. VIRGINIA		1
MCCLURE AVE.	1	2
		1
W. BEVERLY COURT		
E. ARCHER AVE.		1
WEST ARCADIA AVE.	1	1
		2
E. THRUSH AVE.		1
		2
W. REPUBLIC ST.		1
E. FRYE AVE.	1	2
RT. STA. 39+50 (SIDEWALK)		1
RT. STA. 40+10 (SIDEWALK)		1
NEBRASKA AVE.		3
		3
RT. STA. 47+72		1
RT. STA. 49+20 (SIDEWALK)		1
W. RICHMOND AVE.		3
		1
E. ILLINOIS AVE.		
TOTAL	6	35

*WORK SHALL ALSO INCLUDE REPLACING MISSING OR BROKEN LIDS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	14
CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		

LOCATION (APPROXIAMENT)		UTILITY	OWNER	PRIVATE ID NUMBER	NO WORK NEEDED	MANHOLES TO BE ADJUSTED	MANHOLES TO BE ADJUSTED (SPECIAL)		MANHOLES TO BE RECONSTRUCTED (SPECIAL)		RECEIVES MANHOLE ADJUSTMENT TREATMENT- INCLUDED IN THE COST OF 60255500, X6025600 OR X6028000
						COORDINATE WITH AT&T'S CONTRACTOR	REUSE EXISTING FRAME & LID	NEW FRAME & LID (SEE SPECIAL)			
EACH	EACH	CONTRACTOR SUPPLIED	SUPPLIED BY UTILITY COMPANY	CONTRACTOR SUPPLIED	SUPPLIED BY UTILITY COMPANY			EACH	EACH		
NORTH BOUND (LT. STATION)		SOUTHBOUND (RT. STATION)									
W. REPUBLIC ST.											
	32+89	STORM	COP					1			X
	32+89	TELEPHONE	AT&T		1						X
	33+00	SANITARY/STORM	COP					1			X
	34+75	TELEPHONE	AT&T		3						X
E. FRYE AVE.											
	36+06	SANITARY	GPSD	R33C010724	X						
	36+29	STORM	COP						1		X
36+29		STORM	COP					1			X
	37+08 (sidewalk)	TELEPHONE	AT&T		1						X
	37+25	STORM	COP			1					X
37+25		STORM	COP			1					X
	38+00	TELEPHONE	AT&T		1						X
	38+00	TELEPHONE	AT&T		1						X
	39+50	SANITARY	GPSD	R33C010757	X						
	39+50	STORM	COP						1		X
	40+23 (sidewalk)	TELEPHONE	AT&T		1						X
	42+50	TELEPHONE	AT&T		1						X
NEBRASKA AVE.											
	42+92	SANITARY	GPSD	R33C010790	X						
	43+10	STORM	COP			1					X
43+12		STORM	COP			1					X
	43+21	TELEPHONE	AT&T		1						X
43+23		TELEPHONE	AT&T		1						X
	43+29	SANITARY	GPSD	R33C007196	X						
43+29		SANITARY	GPSD	R33C010805				1			X
44+25		TELEPHONE	AT&T		1						X
46+50		STORM	COP						1		X
	49+77	SANITARY	GPSD	P04B010850				1			X
49+77		TELEPHONE	AT&T		1						X
MIDTOWN SHOPPING CENTER TURN LANE		STORM	COP			2					X
	49+77	SANITARY	GPSD	P04B010887					1		X
W. RICHMOND AVE.											
52+10		TELEPHONE	AT&T		1						X
	52+14	SANITARY	GPSD	P04B010915				1			X
55+10		STORM	COP					1			X
	55+10	STORM	COP					1			X
	55+10	SANITARY	GPSD	P04B010951				1			X
	57+93	SANITARY	GPSD	P04B010994				1			X
E. ILLINOIS AVE.											
58+35		TELEPHONE	AT&T		1						X
	58+43	SANITARY	GPSD	P04B010999				1			X
	58+89	SANITARY	GPSD	P04A021281				1			X
TOTAL						24	37		7		

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PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	16
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

LOCATION			FRAMES & GRATES TO BE ADJUSTED	INLETS TO BE ADJUSTED (SPECIAL)	REMOVING INLETS	INLETS, SPECIAL		DOUBLE INLET, SPECIAL	INLETS TO BE RECONSTRUCTED WITH NEW FRAME AND GRATE, SPECIAL		109.04- GROUT OR BACK PLASTER WORK
NORTH BOUND (LT. STATION)	SOUTHBOUND (RT. STATION)	SIDEROAD QUADRANT				EACH	EACH		EACH	TYPE G-1 FRAME & GRATE	
			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
	3+35			1							
3+45					1		1				
	6+56	NW HANSSLER PLACE									1
	10+13	AT 2617 N. KNOXVILLE AVE.			1		1				
10+22		SE GIFT AVE.							1		
		McCLURE NW QUADRANT		2							
		McCLURE NE QUADRANT	1 (HOOD ONLY)								
		McCLURE SW QUADRANT		1							
		McCLURE SE QUADRANT		1							
21+66		NE ARCHER AVE.							1		
	21+86		1								1
24+95		NE ARCADIA AVE.			1	1					
33+00		SE BRIARWOOD CT.								1	
	39+50	AT 2005 N. KNOXVILLE AVE.			1		1				
		NEBRASKA AVE. NE QUADRANT		1							
		NEBRASKA AVE. SW QUADRANT		1							
		NEBRASKA AVE. SE QUADRANT									1
49+17											1
	49+77				1	1					
52+39		SE RICHMOND			2			1			
	55+00					1					
TOTAL			2	7	7	6		1	3		4

DO NOT USE VIBRATING ROLLER AROUND INLETS

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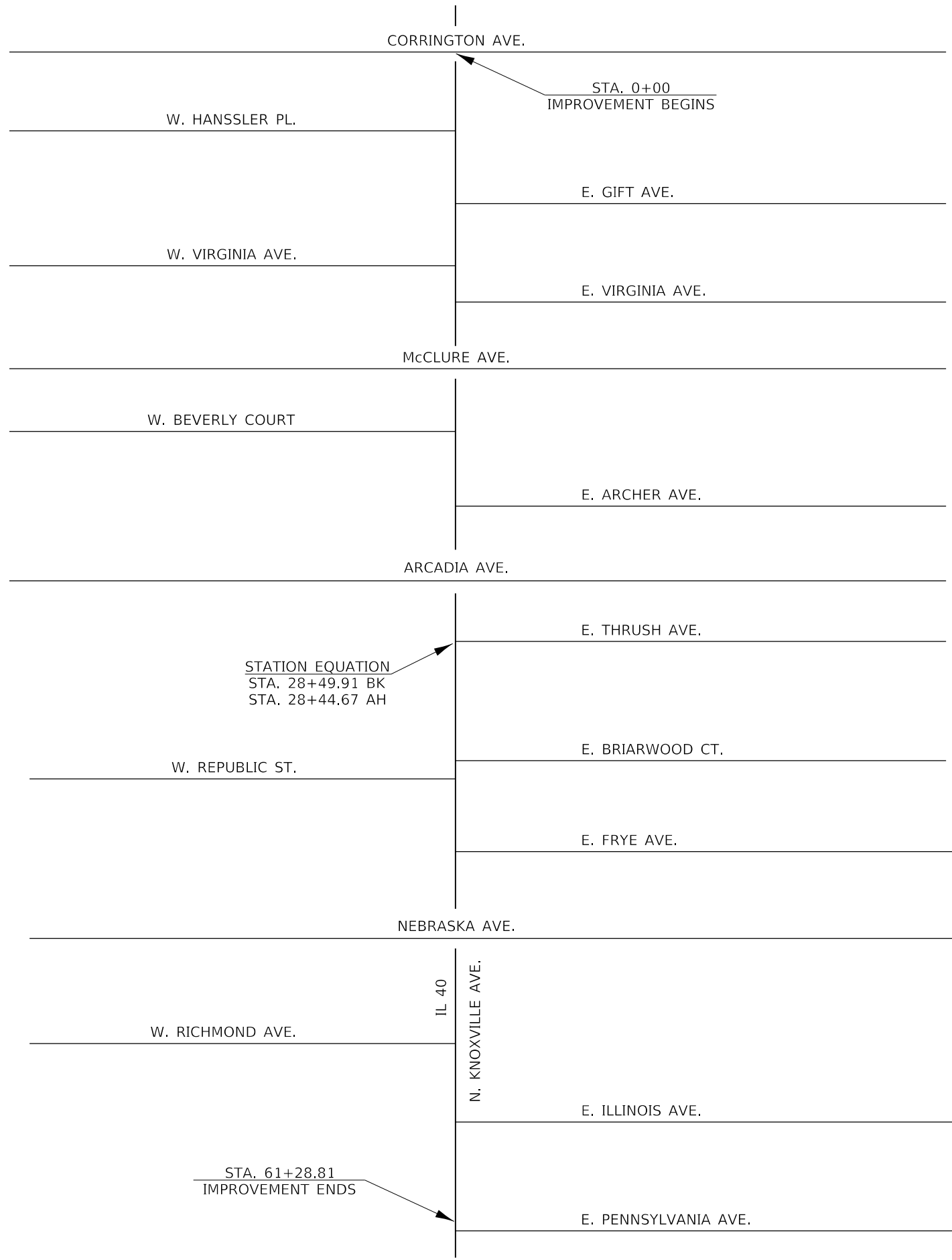
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	17
CONTRACT NO. 68D15			ILLINOIS FED. AID PROJECT	



STATION EQUATION
 STA. 28+49.91 BK
 STA. 28+44.67 AH

STA. 0+00
 IMPROVEMENT BEGINS

STA. 61+28.81
 IMPROVEMENT ENDS

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PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 40 (KNOXVILLE AVE.)
 LINE DIAGRAM**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	19
CONTRACT NO. 68D15			ILLINOIS FED. AID PROJECT	

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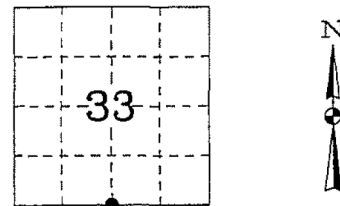
OF
LAND SURVEY MONUMENTS
SITUATED IN SECTION 33
TOWNSHIP 9 NORTH
RANGE 8 EAST, 4TH P.M.
PEORIA COUNTY, IL

04-004746084

FILED
PEORIA COUNTY
STATE OF ILLINOIS

04 MAR - 8 14 11

Bradley E. Horton
RECORDER OF DEEDS

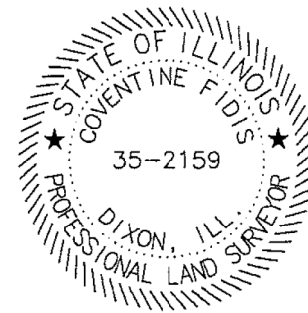
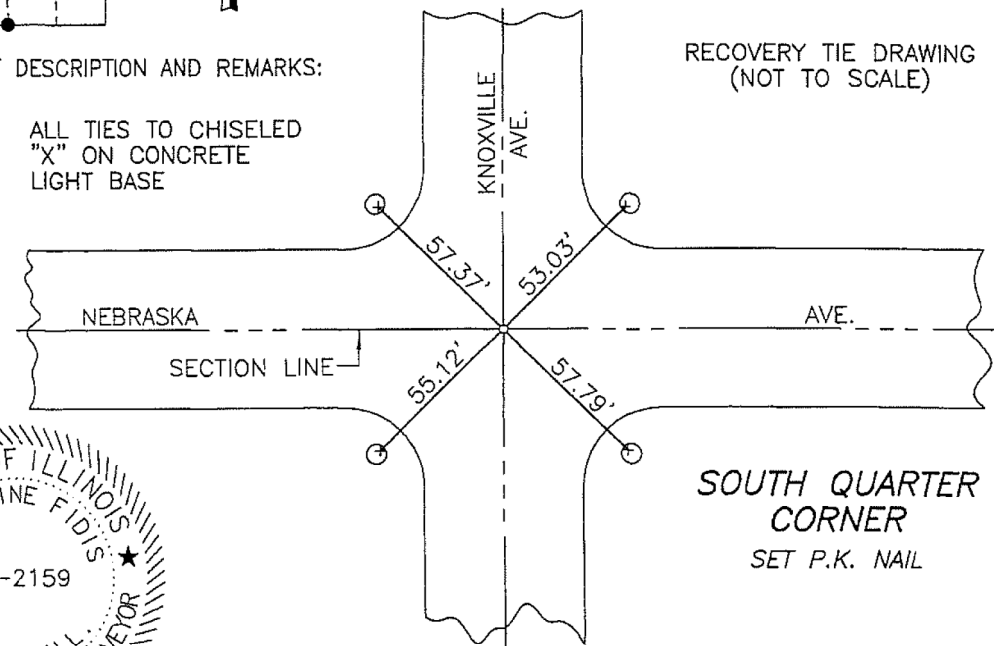


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MONUMENT DESCRIPTION AND REMARKS:

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LIGHT BASE

RECOVERY TIE DRAWING
(NOT TO SCALE)



**SOUTH QUARTER
CORNER**
SET P.K. NAIL



**Illinois Department
of Transportation**

Division of Highways

ROUTE FAL 74
SECTION (72-8)R-1, 72(9,9-1)R
JOB NO. R-94-015-98

SHEET 1 OF 1

STATE OF ILLINOIS }
COUNTY OF LEE } ss
I, COVENTINE FIDIS, HEREBY
CERTIFY THAT THIS DOCUMENT WAS PREPARED
UNDER MY DIRECTION IN ACCORDANCE WITH
THE PUBLIC ACT 765 ILCS 220 AND THE ABOVE
DATA IS GIVEN UNDER MY HAND AND SEAL THIS
23rd DAY OF FEBRUARY, 2004 A.D.

[Signature]

ILLINOIS PROFESSIONAL
LAND SURVEYOR NO. 2159
MY LICENSE EXPIRES 11/30/2004

98-353

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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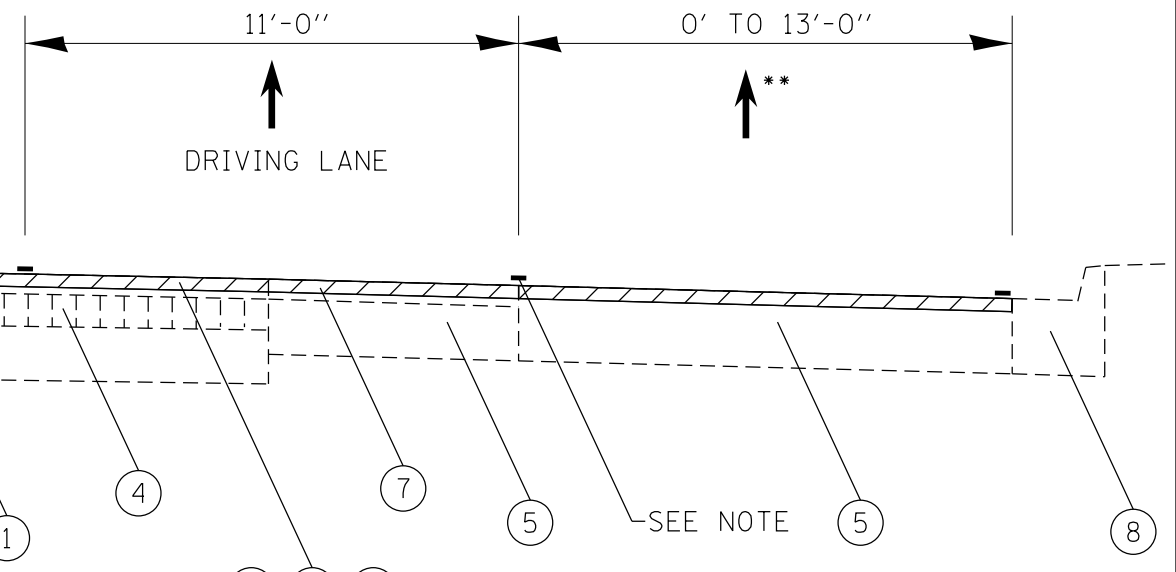
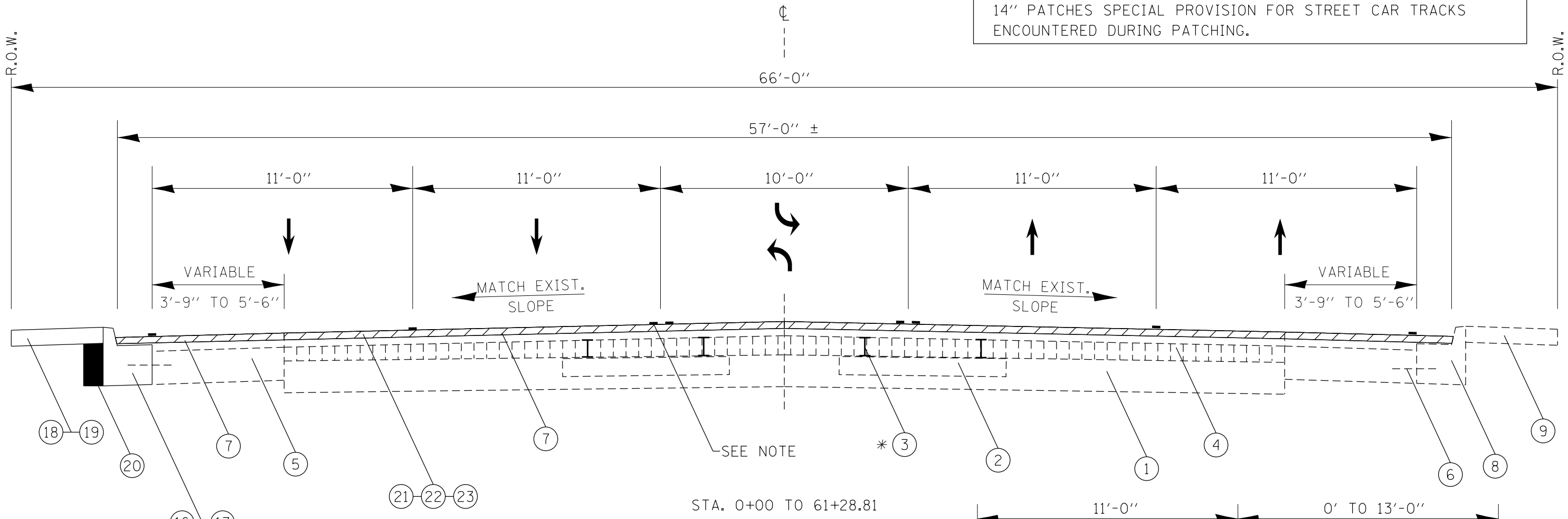
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)R5-4	PEORIA	109	21
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

NOTE:
CONTACT BILL HARRMANN (309-693-5176)
FOR STRIPING LAYOUT

IL 40-KNOXVILLE AVE.

*REFER TO THE HMA SURFACE REMOVAL, 2.25" SPECIAL PROVISION FOR STREET CAR TRACKS ENCOUNTERED DURING MILLING.
REFER TO THE CLASS B TYPE II, 8" AND CLASS C, TYPES I-IV, 14" PATCHES SPECIAL PROVISION FOR STREET CAR TRACKS ENCOUNTERED DURING PATCHING.



EXISTING ITEMS		PROPOSED ITEMS	
1 - 6" P.C.C. BASE		16 - CCC&G REMOVAL	
2 - WOOD TIE		17 - CCC&G, TYPE B	
3 - STREET CAR TRACKS *		18 - SIDEWALK REMOVAL & SIDEWALK REMOVAL (SPECIAL)	
4 - 4" BRICK SURFACE COURSE		19 - PCC SIDEWALK, 4" & PCC SIDEWALK, 4" (SPECIAL)	
5 - 9"± P.C.C. BASE COURSE		20 - CONTROLLED LOW-STRENGTH MATERIAL	
6 - TIE BAR #4		21 - HMA SURFACE REMOVAL, 2 1/4"	
7 - HMA OVERLAYS (VARIES 2.5" TO 5.5")		22 - POLY. LEVELING BINDER, 1"	
8 - COMB. CURB & GUTTER		23 - POLY. HMA SURFACE COURSE, 1 1/4"	
9 - P.C.C. SIDEWALK			

**LT. STA. 43+44 TO 48+10 (TURN LANE)
**LT. STA. 49+17 TO 51+17 (TURN LANE)
**LT. STA. 54+53.4 TO 61+28.8 (AUXILIARY LANE)
**RT. STA. 59+43.8 TO 61+28.8 (TURN LANE)

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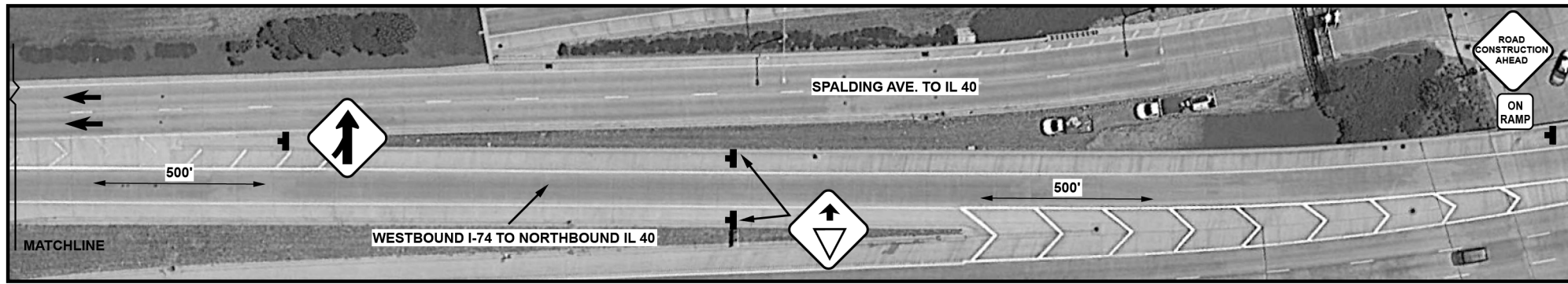
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

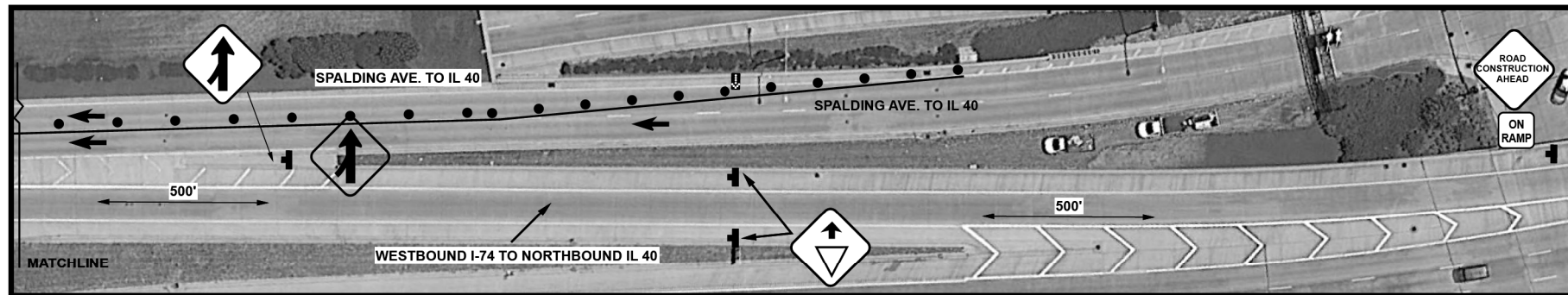
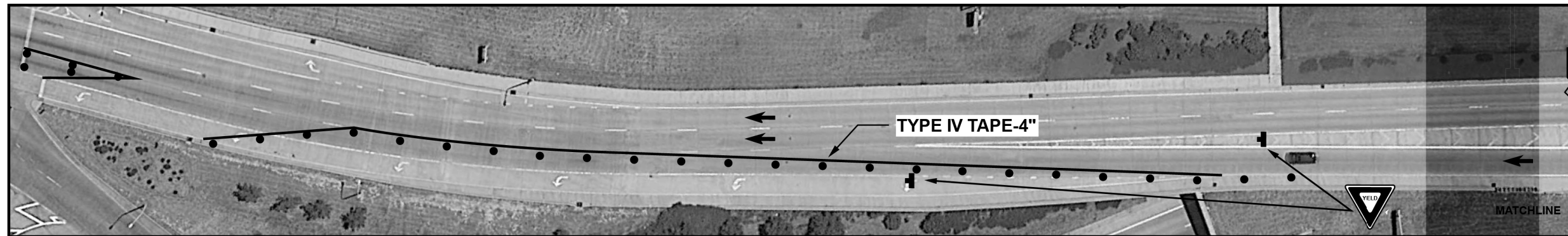
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TYPICAL SECTION

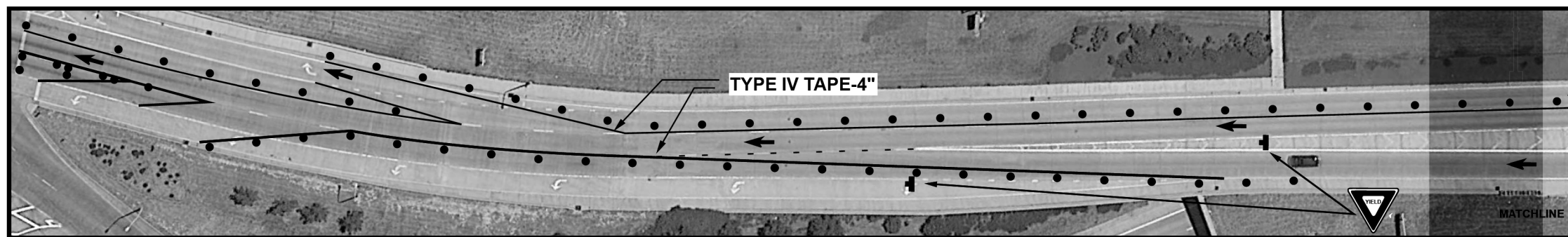
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646	(43-1-C5)RS-4	PEORIA	109	22
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



STAGE 1



STAGE 2



NOTES:

STAGE 2- STD. 701601 SHALL BE USED AND AS SHOWN IN THE DETAIL. CONFLICTING MARKINGS SHALL BE COVERED IN BLACKOUT TAPE-6". CONFLICTING MARKINGS ARE LOCATED IN THE EXIT/ENTRANCE AREAS. TYPICAL DEVICE SPACING IS 25'. ALL MATERIALS, INSTALLING, MAINTAINING, AND REMOVING OF TRAFFIC CONTROL SHOWN ON THE DETAILS AND REFERENCED OFF OF STD. 701601 SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL SPECIAL. TEMPORARY PAVEMENT MARKING TAPE-TYPE IV-4" SHALL BE PLACED AS SHOWN.

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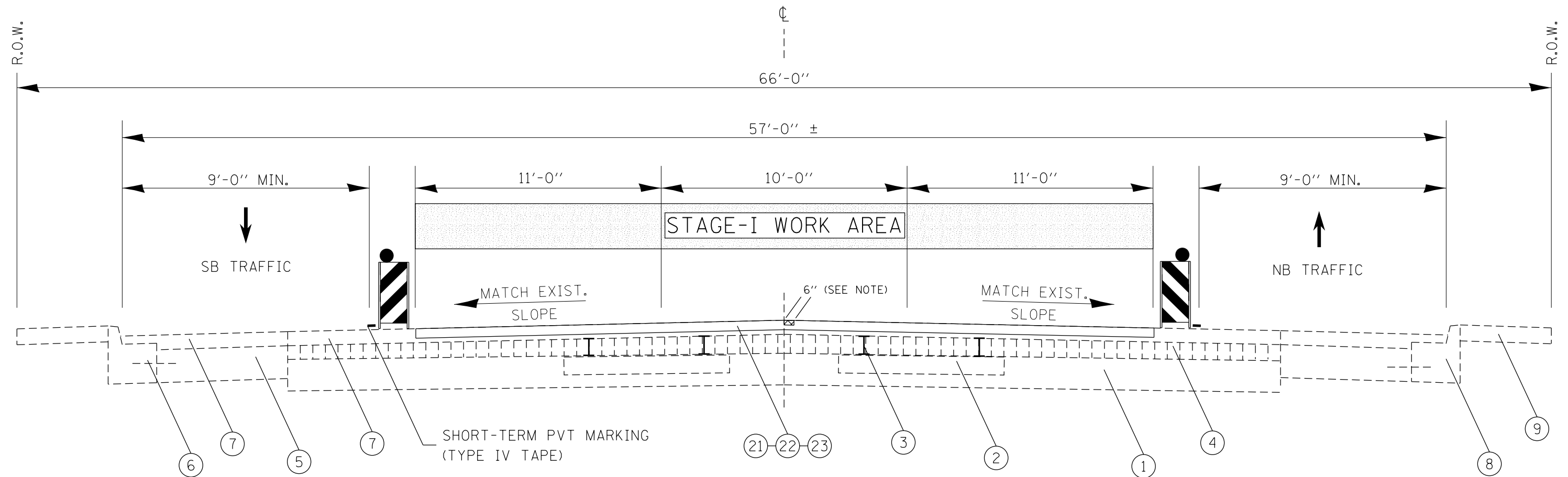
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PLOT DATE = 12/15/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	23
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

IL 40-KNOXVILLE AVE.
STAGE-I TRAFFIC



NOTE
PLACE SURFACE 6" WIDE AT CL
THEN JOINT TRIM USING HMA SURFACE
REMOVAL, SPECIAL PRIOR TO PLACING
SURFACE IN THE ADJACENT LANE.

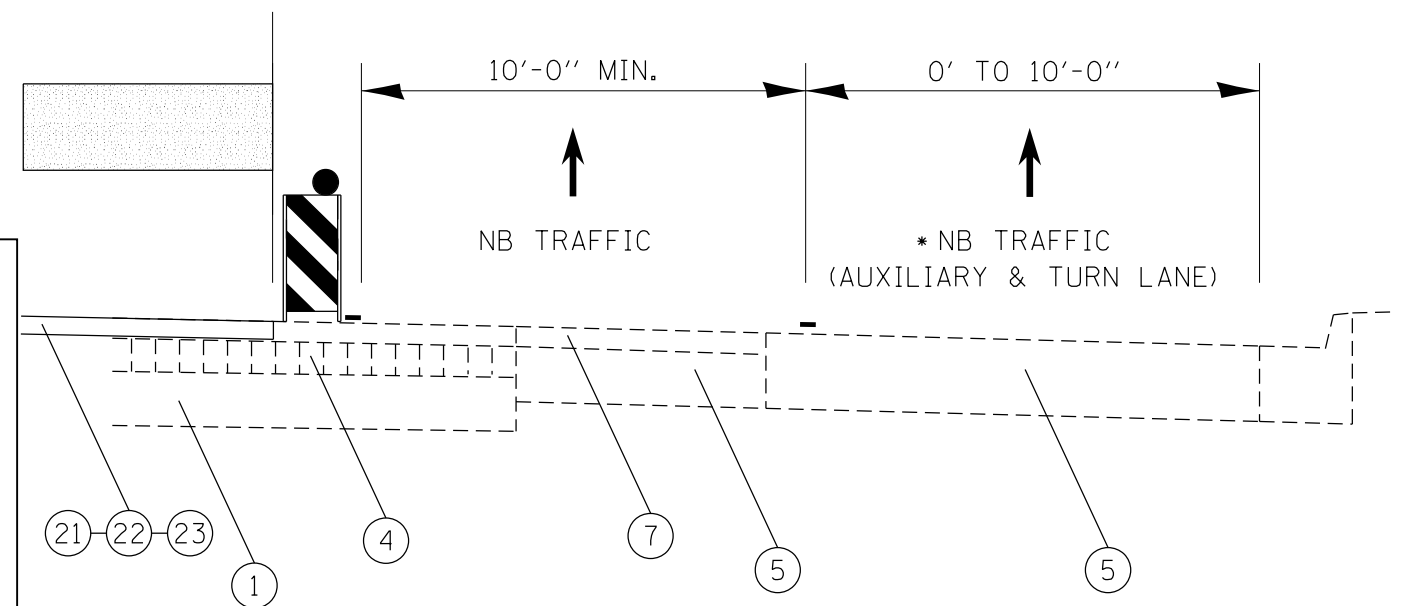
LEGEND

EXISTING ITEMS

- 1 - 6" P.C.C. BASE
- 2 - WOOD TIE
- 3 - STREET CAR TRACKS
- 4 - 4" BRICK SURFACE COURSE
- 5 - 9"± P.C.C. BASE COURSE
- 6 - TIE BAR #4
- 7 - HMA OVERLAYS (VARIES 2.5" TO 5.5")
- 8 - COMB. CURB & GUTTER
- 9 - P.C.C. SIDEWALK

PROPOSED ITEMS

- 16 - CCC&G REMOVAL
- 17 - CCC&G, TYPE B
- 18 - SIDEWALK REMOVAL & SIDEWALK REMOVAL(SPECIAL)
- 19 - PCC SIDEWALK, 4" & PCC SIDEWALK, 4"(SPECIAL)
- 20 - CONTROLLED LOW-STRENGTH MATERIAL
- 21 - HMA SURFACE REMOVAL, 2 1/4"
- 22 - POLY. LEVELING BINDER, 1"
- 23 - POLY. HMA SURFACE COURSE, 1 1/4"



* BETWEEN PENNSYLVANIA AND RICHMOND AVENUES
(GRINDING SHALL BE USED TO REMOVE
CONFLICTING PAVEMENT MARKINGS.)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING DETAILS
(STAGE I TYPICAL SECTION)

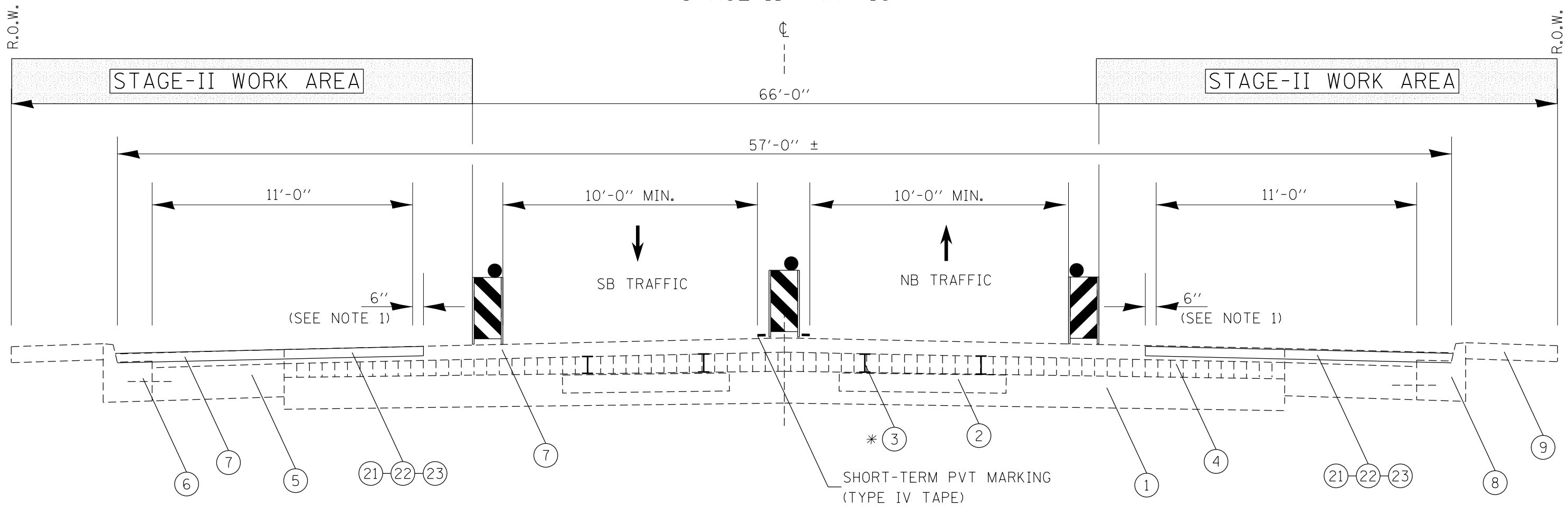
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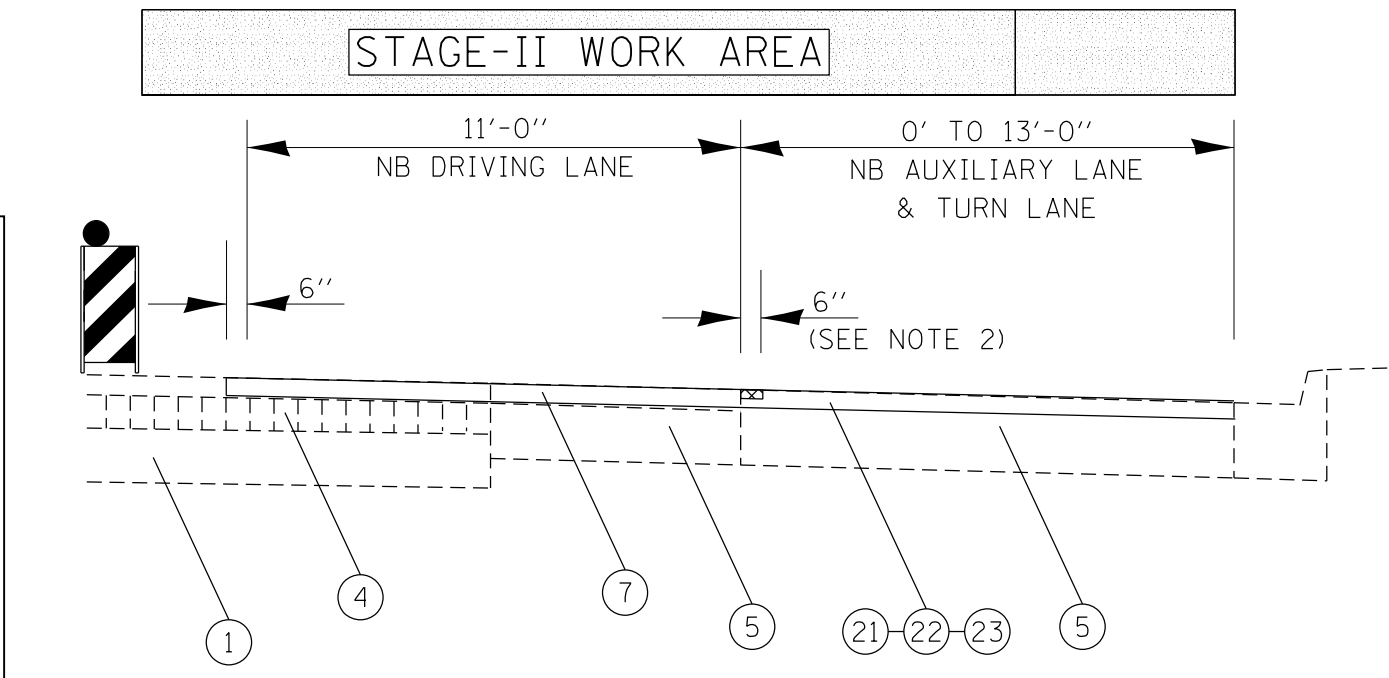
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646	(43-1-CS)RS-4	PEORIA	109	24
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

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IL 40-KNOXVILLE AVE.
STAGE-II TRAFFIC



- NOTE**
1. MILL 6" WIDE INTO ADJACENT PASSING LANES
 2. PLACE SURFACE 6" WIDE THEN JOINT TRIM USING HMA SURFACE REMOVAL, SPECIAL PRIOR TO PLACING SURFACE IN THE ADJACENT LANE



* BETWEEN PENNSYLVANIA AND RICHMOND AVENUES

LEGEND

EXISTING ITEMS	PROPOSED ITEMS
1 - 6" P.C.C. BASE	16 - CCC&G REMOVAL
2 - WOOD TIE	17 - CCC&G, TYPE B
3 - STREET CAR TRACKS	18 - SIDEWALK REMOVAL & SIDEWALK REMOVAL(SPECIAL)
4 - 4" BRICK SURFACE COURSE	19 - PCC SIDEWALK, 4" & PCC SIDEWALK, 4"(SPECIAL)
5 - 9"± P.C.C. BASE COURSE	20 - CONTROLLED LOW-STRENGTH MATERIAL
6 - TIE BAR #4	21 - HMA SURFACE REMOVAL, 2 1/4"
7 - HMA OVERLAYS (VARIES 2.5" TO 5.5")	22 - POLY. LEVELING BINDER, 1"
8 - COMB. CURB & GUTTER	23 - POLY. HMA SURFACE COURSE, 1 1/4"
9 - P.C.C. SIDEWALK	

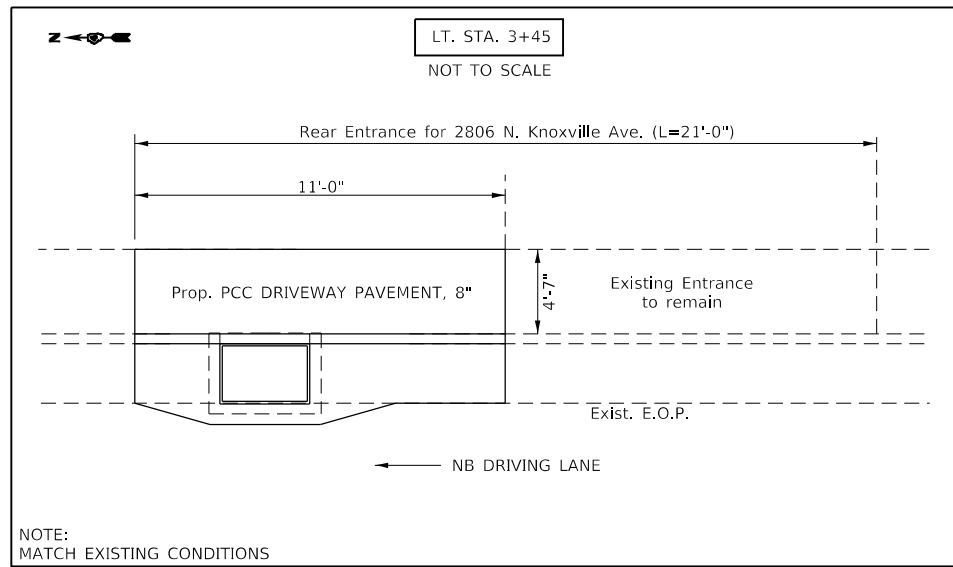
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

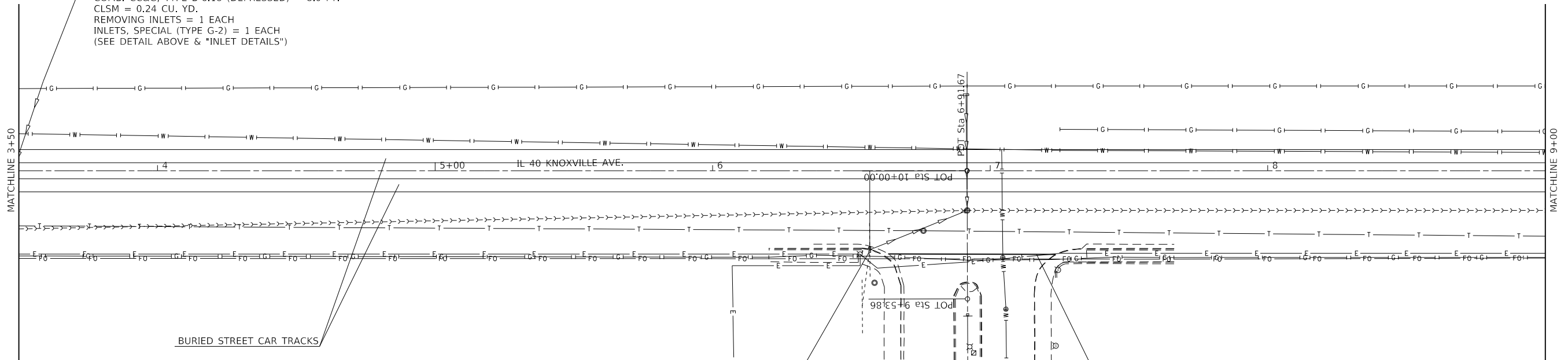
STAGING DETAILS (STAGE II TYPICAL SECTION)	
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F.A.P. RTE. 646	SECTION (43-1-CS)RS-4	COUNTY PEORIA	TOTAL SHEETS 109	SHEET NO. 25
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



	HMA SURFACE REMOVAL, 2 1/4" (MAINLINE MILLED @ 2 1/4" BUT NOT SHOWN)
	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
	ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4", (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)

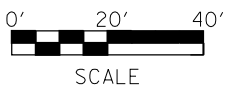
LT. STA. 3+45
 SIDEWALK REMOVAL (SPECIAL) = 50.4 SQ. FT.
 COMB. CC&G REMOVAL = 11.0 FT.
 PCC DRIVEWAY PAVEMENT, 8" = 5.6 SQ. YD.
 COMB. CC&G, TYPE B-6.18 (DEPRESSED) = 8.0 FT.
 CLSM = 0.24 CU. YD.
 REMOVING INLETS = 1 EACH
 INLETS, SPECIAL (TYPE G-2) = 1 EACH
 (SEE DETAIL ABOVE & "INLET DETAILS")



RT. STA. 6+56
 EXISTING INLET NEEDS MINOR REPAIRS (MORTAR AROUND CMP)
 = TO BE PAID FOR IN ACCORDANCE WITH ART. 109.04 OF
 THE STANDARD SPECIFICATIONS

CONTRACTOR SHALL MILL & PAVE AN ADDITIONAL 2'-0"

PLAN NOTE:
 TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



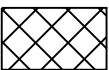

GENERAL PLAN & DETAIL

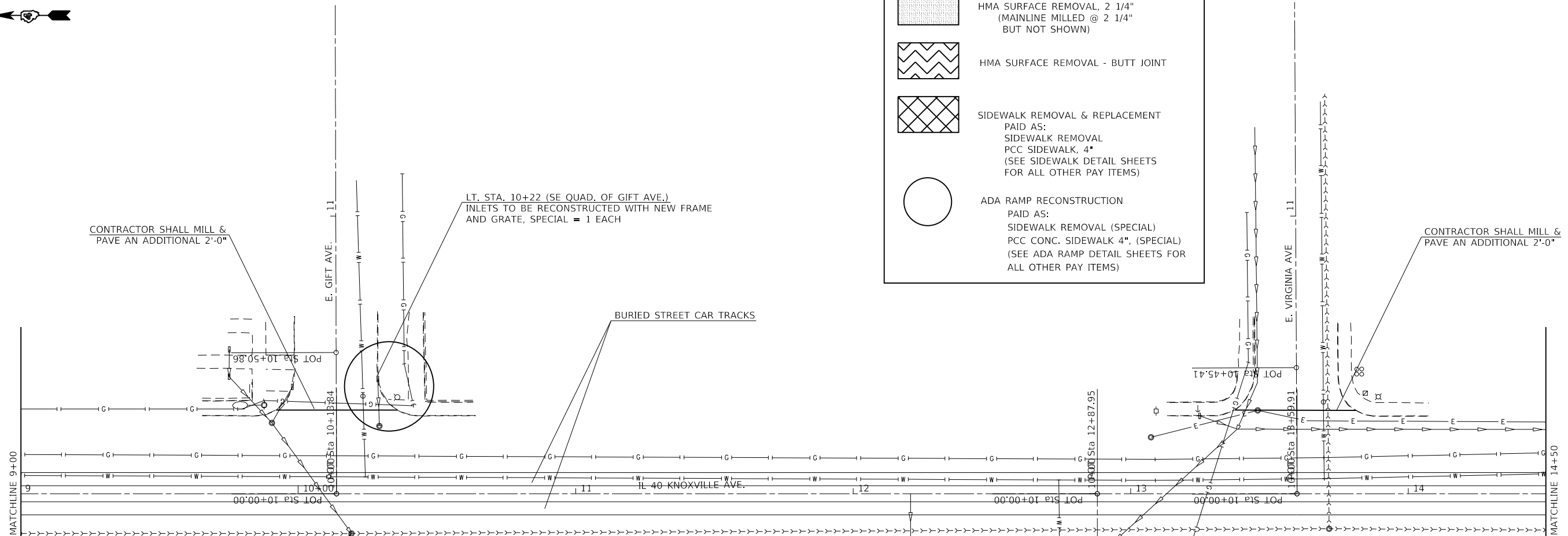
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

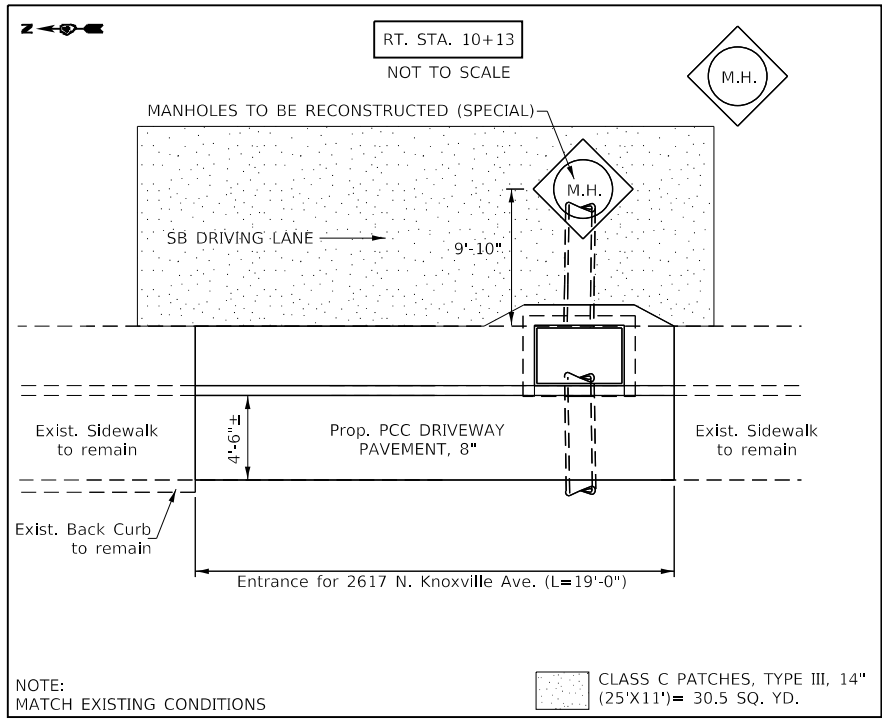


LEGEND

-  HMA SURFACE REMOVAL, 2 1/4" (MAINLINE MILLED @ 2 1/4" BUT NOT SHOWN)
-  HMA SURFACE REMOVAL - BUTT JOINT
-  SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
-  ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4", (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)

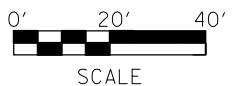


RT. STA. 10+13
 SIDEWALK REMOVAL (SPECIAL) = 85.5 SQ. FT.
 COMB. CC&G REMOVAL = 19.0 FT.
 PCC DRIVEWAY PAVEMENT, 8" = 9.5 SQ. YD.
 COMB. CC&G, TYPE B-6.18 (DEPRESSED) = 16.0 FT.
 CLSM = 0.41 CU. YD.
 REMOVING INLETS = 1 EACH
 INLETS, SPECIAL (TYPE G-2) = 1 EACH
 (SEE DETAIL ON SHEET, INLET DETAILS & "INLETS, SPECIAL" SPECIAL PROVISION)



PLAN NOTE:
 TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.

CONTRACTOR SHALL MILL & PAVE AN ADDITIONAL 2'-0"



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 DATE: 12/15/2017

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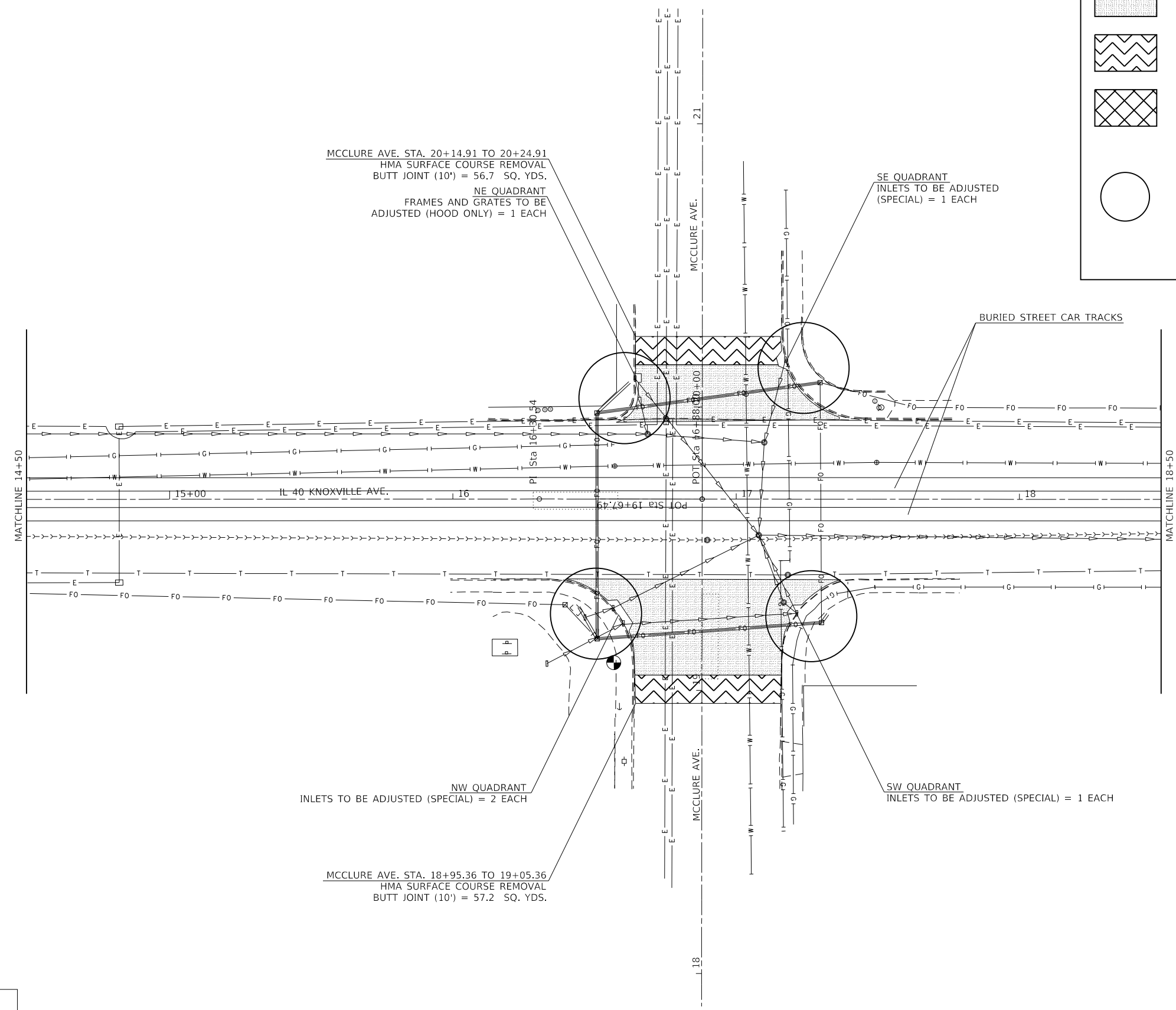
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN & DETAIL	
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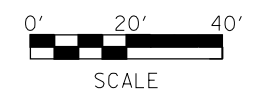
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646	(43-1-CS)R5-4	PEORIA	109	28
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



	HMA SURFACE REMOVAL, 2 1/4" (MAINLINE MILLED @ 2 1/4" BUT NOT SHOWN)
	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
	ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4", (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)



PLAN NOTE:
TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.



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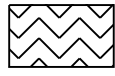
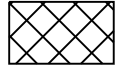
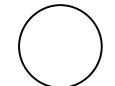
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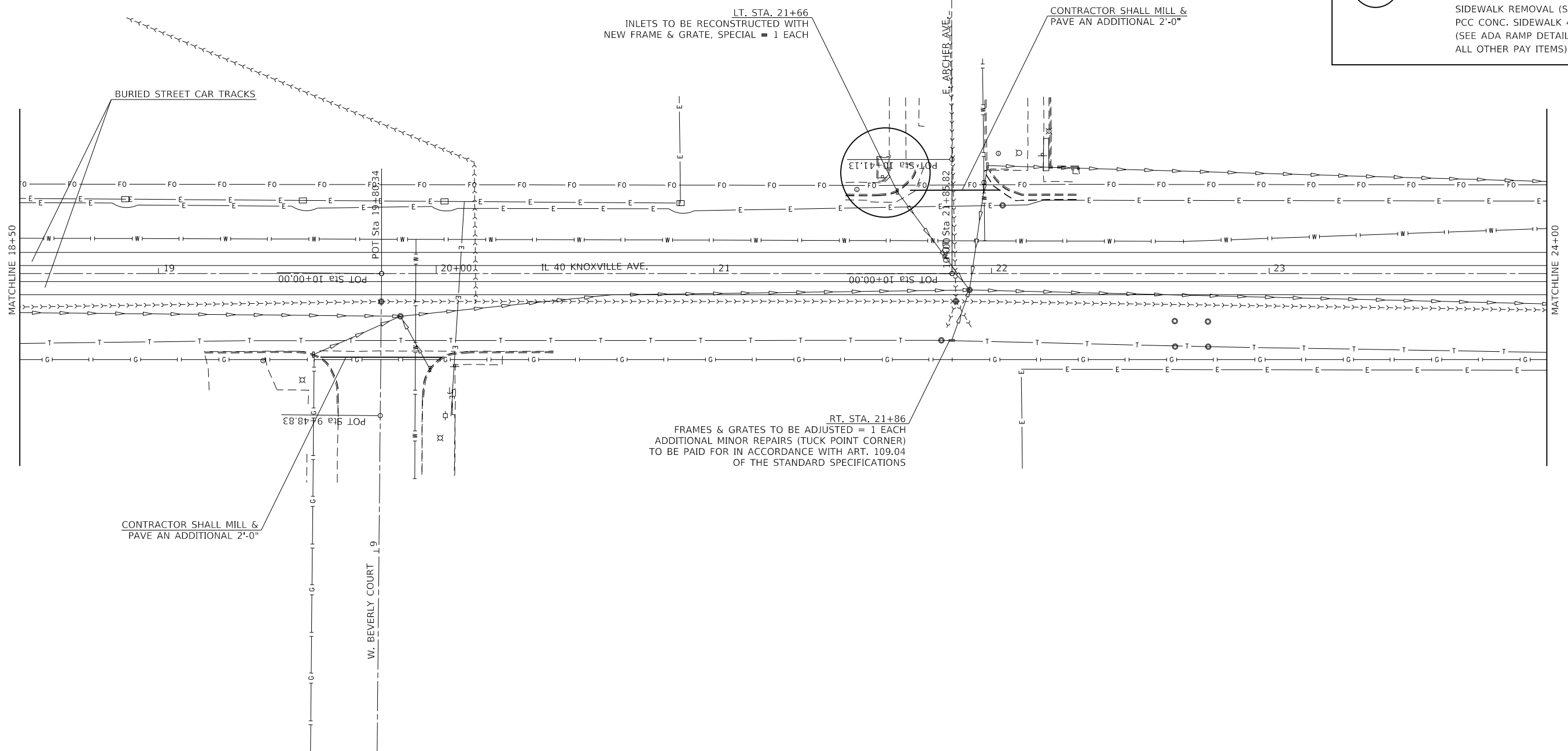
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN & DETAIL				
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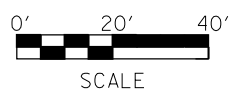
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646	(43-1-CS)R5-4	PEORIA	109	29
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



	HMA SURFACE REMOVAL, 2 1/4" (MAINLINE MILLED @ 2 1/4" BUT NOT SHOWN)
	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
	ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4", (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)



PLAN NOTE:
TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT
SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN & DETAIL				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

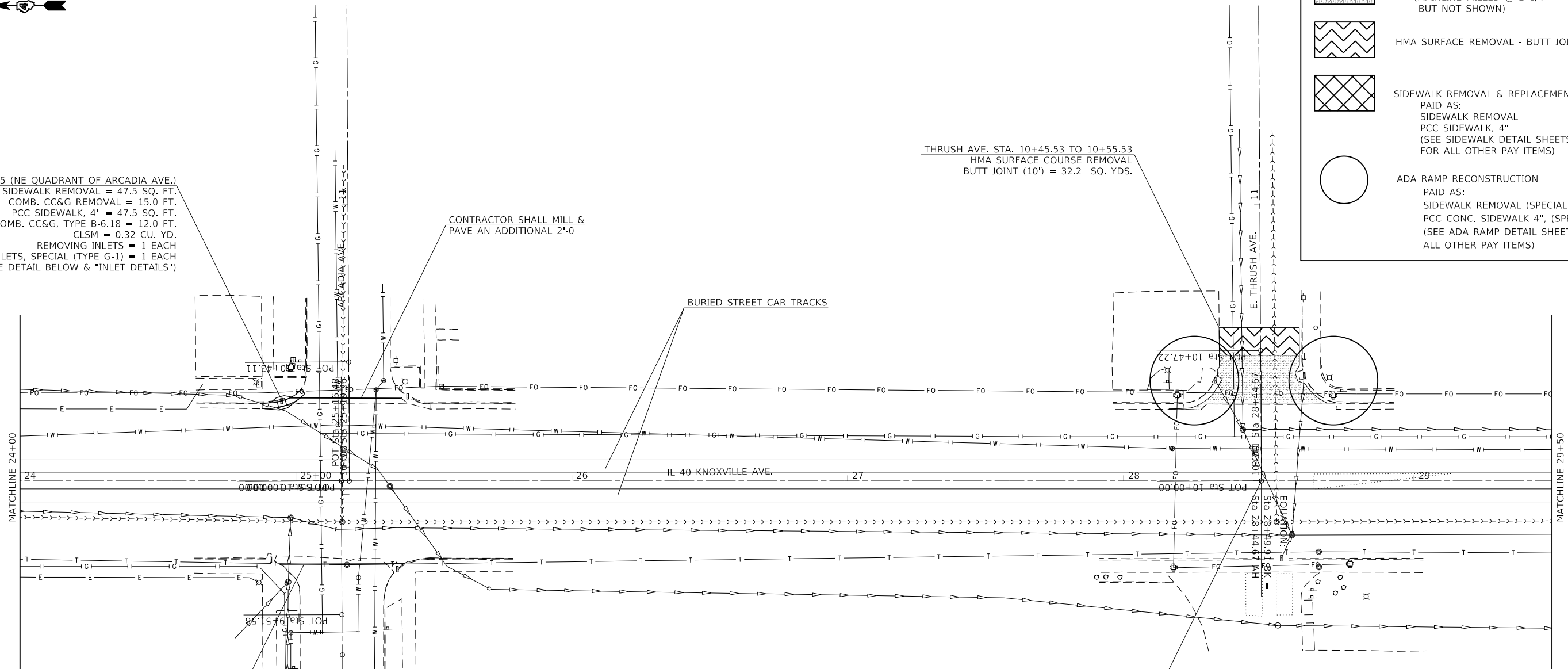


LT. STA. 24+95 (NE QUADRANT OF ARCADIA AVE.)
 SIDEWALK REMOVAL = 47.5 SQ. FT.
 COMB. CC&G REMOVAL = 15.0 FT.
 PCC SIDEWALK, 4" = 47.5 SQ. FT.
 COMB. CC&G, TYPE B-6.18 = 12.0 FT.
 CLSM = 0.32 CU. YD.
 REMOVING INLETS = 1 EACH
 INLETS, SPECIAL (TYPE G-1) = 1 EACH
 (SEE DETAIL BELOW & "INLET DETAILS")

CONTRACTOR SHALL MILL &
 PAVE AN ADDITIONAL 2'-0"

THRUSSH AVE. STA. 10+45.53 TO 10+55.53
 HMA SURFACE COURSE REMOVAL
 BUTT JOINT (10') = 32.2 SQ. YDS.

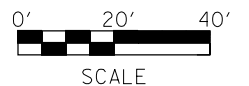
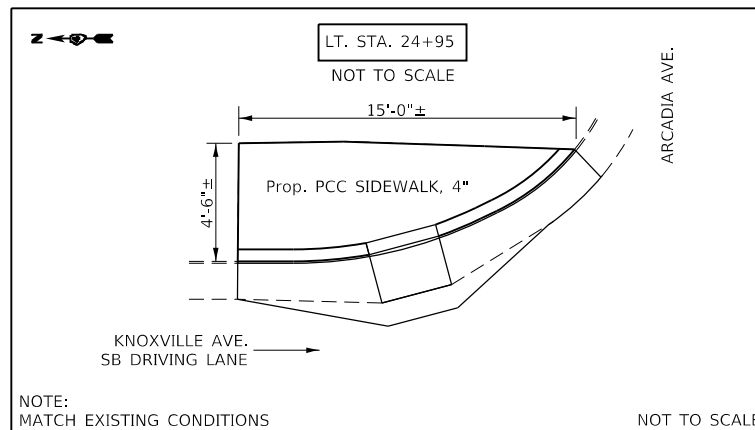
	HMA SURFACE REMOVAL, 2 1/4" (MAINLINE MILLED @ 2 1/4" BUT NOT SHOWN)
	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
	ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4". (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)



CONTRACTOR SHALL MILL &
 PAVE AN ADDITIONAL 2'-0"

STATION EQUATION
 STA. 28+49.91 BK
 STA. 28+44.67 AH

PLAN NOTE:
 TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT
 SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

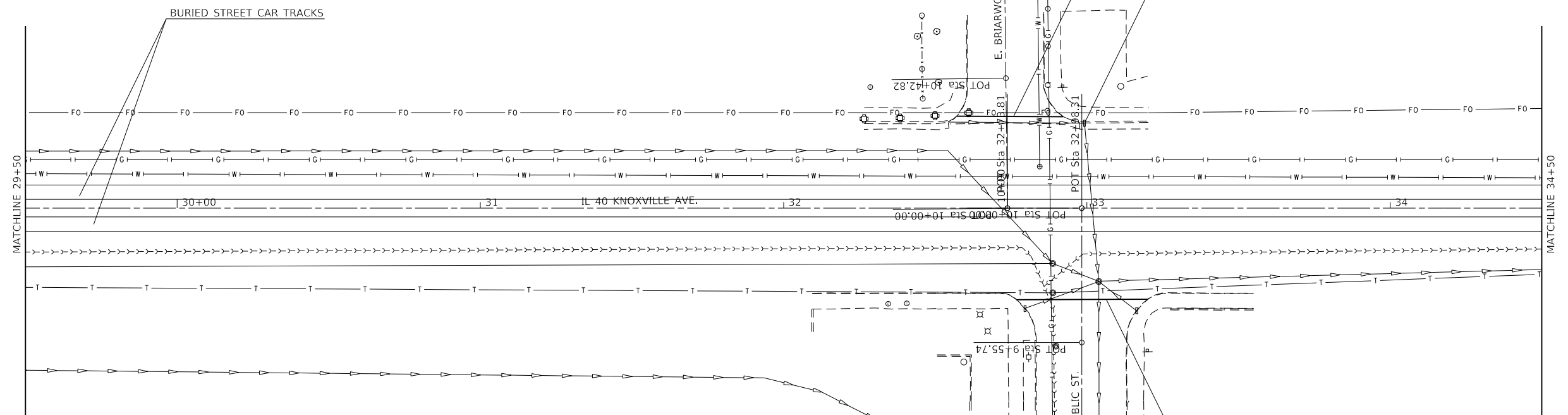
GENERAL PLAN & DETAIL

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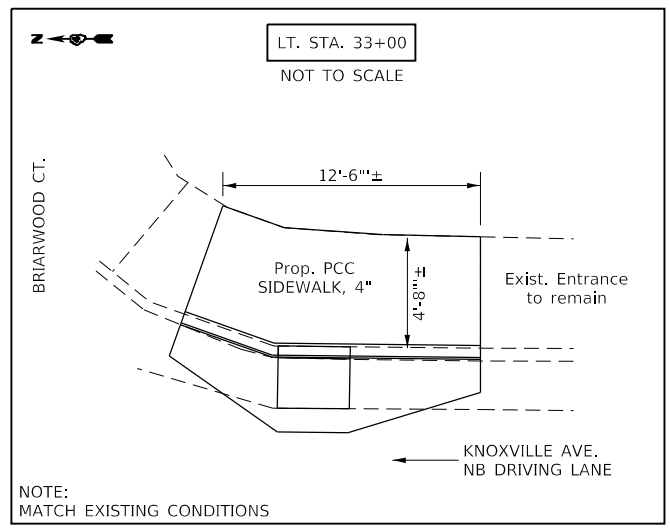
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CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		



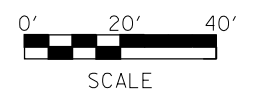
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	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
	ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4", (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)



LT. STA. 33+00 (SE QUADRANT OF BRIARWOOD CT.)
 SIDEWALK REMOVAL = 58.4 SQ. FT.
 COMB. CC&G REMOVAL = 12.5 FT.
 PCC SIDEWALK, 4" = 58.4 SQ. FT.
 COMB. CC&G, TYPE B 6.18 = 9.5 FT.
 CLSM = 0.27 CU. YD.
 INLETS TO BE RECONSTRUCTED WITH
 NEW FRAME AND GRATE, SPECIAL (TYPE G-2) = 1 EACH
 (SEE DETAIL BELOW & "INLET DETAILS")



PLAN NOTE:
 TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT
 SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN & DETAIL

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

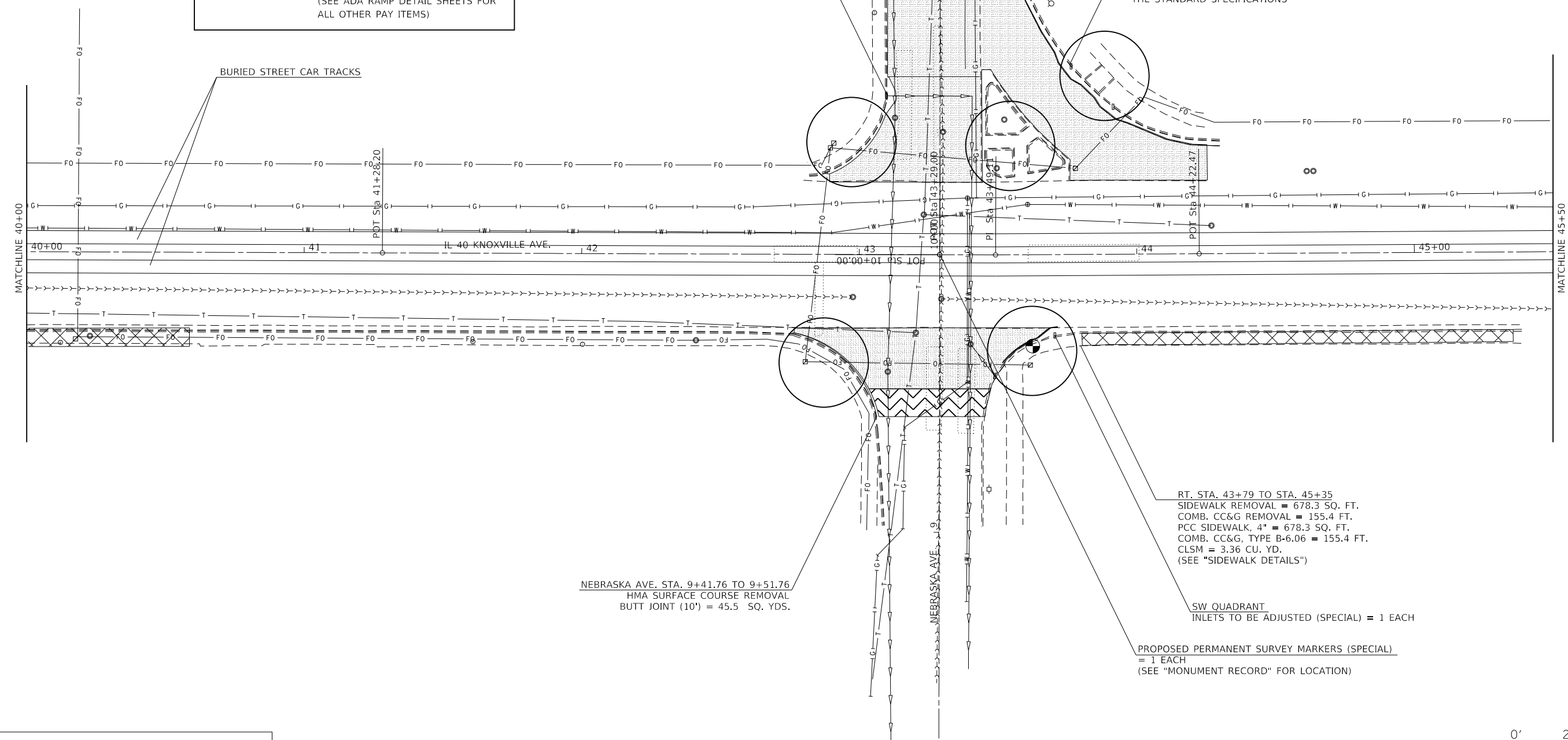


	HMA SURFACE REMOVAL, 2 1/4" (MAINLINE MILLED @ 2 1/4" BUT NOT SHOWN)
	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
	ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4", (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)

NEBRASKA AVE. STA. 11+35.64 TO 11+45.64
HMA SURFACE COURSE REMOVAL
BUTT JOINT (10') = 38.5 SQ. YDS.

NE QUADRANT
INLETS TO BE ADJUSTED (SPECIAL) = 1 EACH

SE QUADRANT
EXISTING NORTHERN INLET NEEDS MINOR REPAIRS (GROUT)
= TO BE PAID FOR IN ACCORDANCE WITH ART. 109.04 OF THE STANDARD SPECIFICATIONS



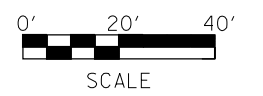
NEBRASKA AVE. STA. 9+41.76 TO 9+51.76
HMA SURFACE COURSE REMOVAL
BUTT JOINT (10') = 45.5 SQ. YDS.

RT. STA. 43+79 TO STA. 45+35
SIDEWALK REMOVAL = 678.3 SQ. FT.
COMB. CC&G REMOVAL = 155.4 FT.
PCC SIDEWALK, 4" = 678.3 SQ. FT.
COMB. CC&G, TYPE B-6.06 = 155.4 FT.
CLSM = 3.36 CU. YD.
(SEE "SIDEWALK DETAILS")

SW QUADRANT
INLETS TO BE ADJUSTED (SPECIAL) = 1 EACH

PROPOSED PERMANENT SURVEY MARKERS (SPECIAL)
= 1 EACH
(SEE "MONUMENT RECORD" FOR LOCATION)

PLAN NOTE:
TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.



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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

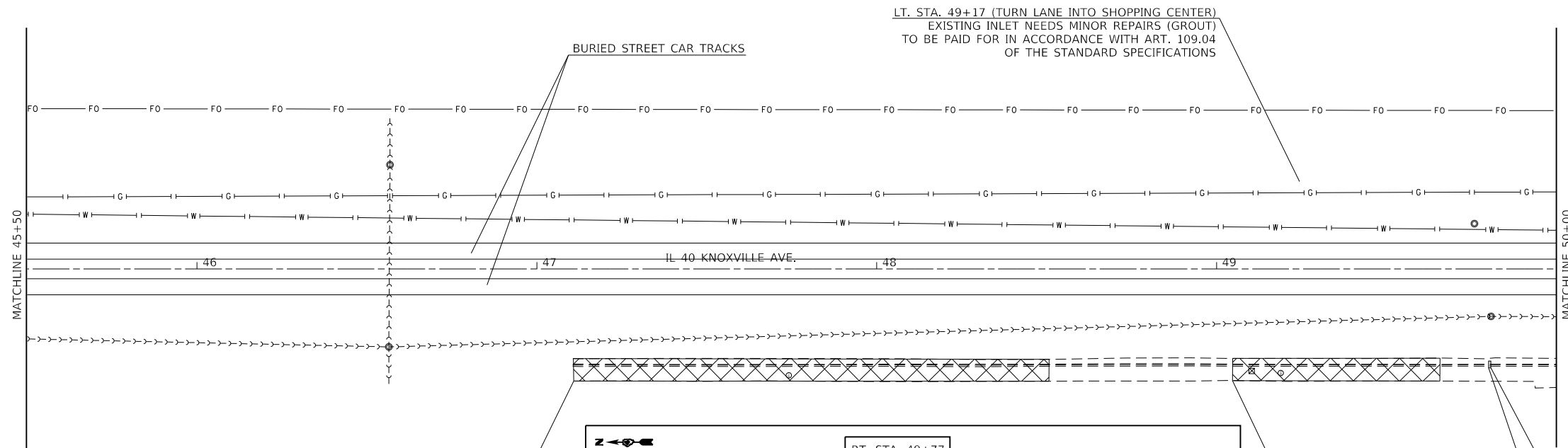
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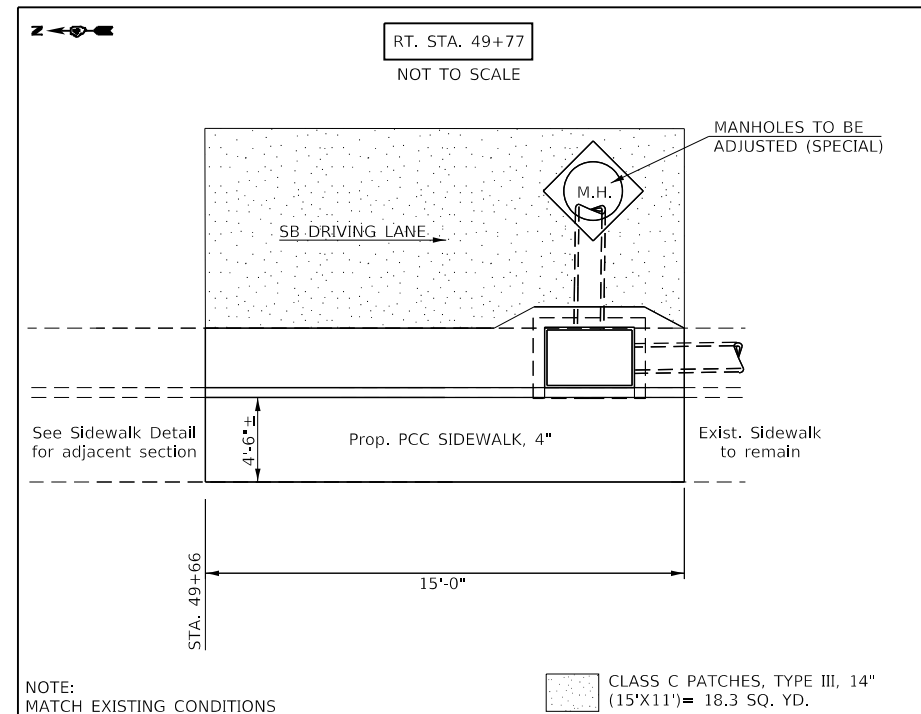
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646	(43-1-CS)RS-4	PEORIA	109	34
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



	HMA SURFACE REMOVAL, 2 1/4" (MAINLINE MILLED @ 2 1/4" BUT NOT SHOWN)
	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
	ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4", (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)



RT. STA. 47+11 TO STA. 48+51
 SIDEWALK REMOVAL = 631.8 SQ. FT.
 COMB. CC&G REMOVAL = 140.0 FT.
 PCC SIDEWALK, 4" = 631.8 SQ. FT.
 COMB. CC&G, TYPE B-6.18 = 140.0 FT.
 CLSM = 3.02 CU. YD.
 (SEE "SIDEWALK DETAILS")



RT. STA. 49+77
 SIDEWALK REMOVAL = 67.5 SQ. FT.
 COMB. CC&G REMOVAL = 15.0 FT.
 PCC SIDEWALK, 4" = 67.5 SQ. FT.
 COMB. CC&G, TYPE B-6.18 = 12.0 FT.
 CLSM = 0.32 CU. YD.
 (SEE SIDEWALK DETAIL STA. 49+05 TO 49+66 FOR ADJACENT ELEVATIONS & SLOPES)

RT. STA. 49+77
 REMOVING INLETS = 1 EACH
 INLETS, SPECIAL (TYPE G-1) = 1 EACH
 (SEE DETAIL ON SHEET, INLET DETAILS & "INLETS, SPECIAL" SPECIAL PROVISION)

RT. STA. 49+05 TO STA. 49+66
 SIDEWALK REMOVAL = 274.1 SQ. FT.
 COMB. CC&G REMOVAL = 61.1 FT.
 PCC SIDEWALK, 4" = 274.1 SQ. FT.
 COMB. CC&G, TYPE B-6.18 = 61.1 FT.
 CLSM = 1.32 CU. YD.
 (SEE "SIDEWALK DETAILS")

PLAN NOTE:
 TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.



NOTE:
 MATCH EXISTING CONDITIONS

MODEL: Default
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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

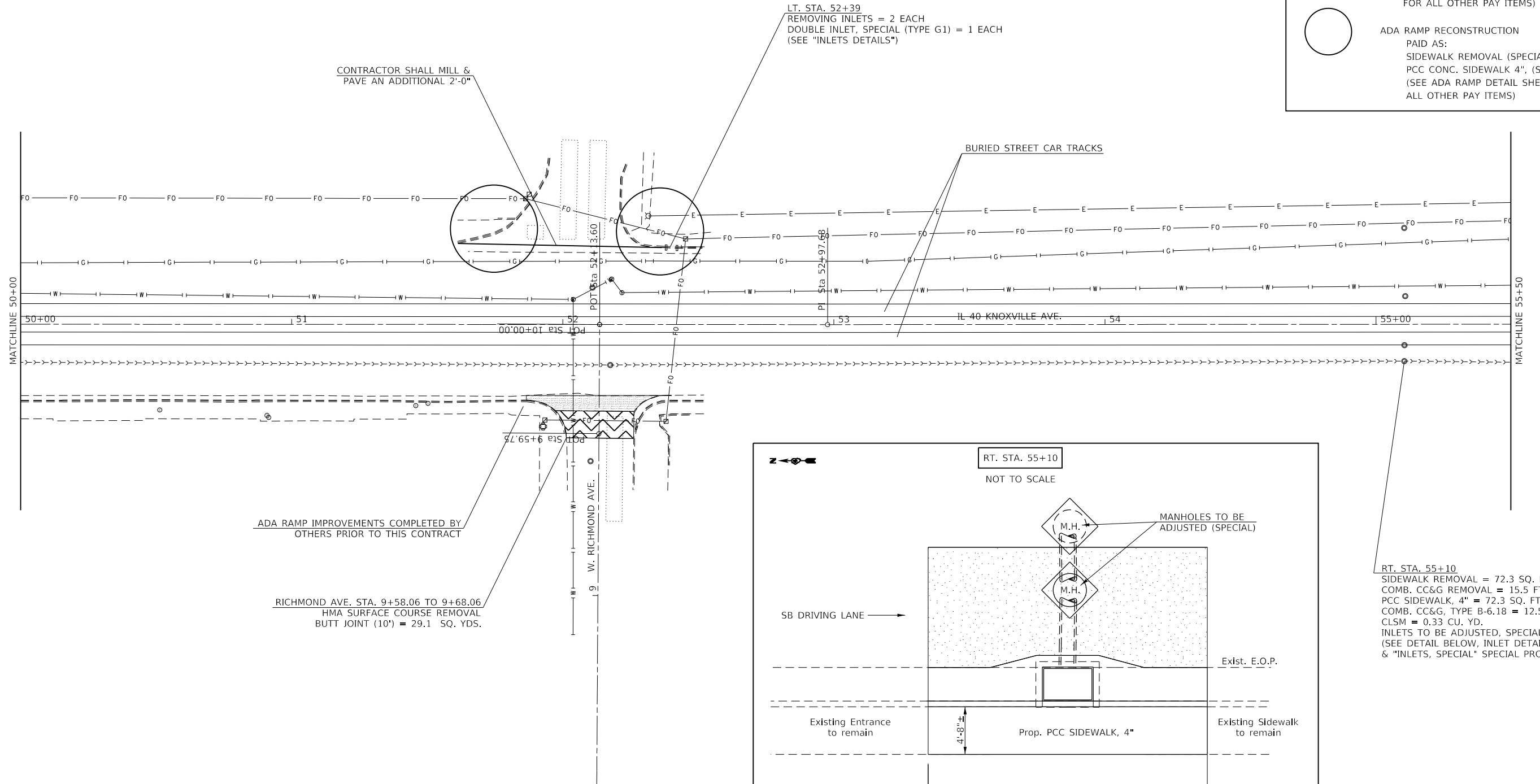
GENERAL PLAN & DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)RS-4	PEORIA	109	35
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

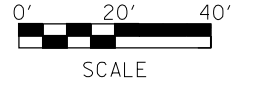


	HMA SURFACE REMOVAL, 2 1/4" (MAINLINE MILLED @ 2 1/4" BUT NOT SHOWN)
	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
	ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4", (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)



RT. STA. 55+10
SIDEWALK REMOVAL = 72.3 SQ. FT.
COMB. CC&G REMOVAL = 15.5 FT.
PCC SIDEWALK, 4" = 72.3 SQ. FT.
COMB. CC&G, TYPE B-6.18 = 12.5 FT.
CLSM = 0.33 CU. YD.
INLETS TO BE ADJUSTED, SPECIAL = 1 EACH
(SEE DETAIL BELOW, INLET DETAILS & "INLETS, SPECIAL" SPECIAL PROVISION)

PLAN NOTE:
TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.



NOTE:
MATCH EXISTING CONDITIONS

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PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

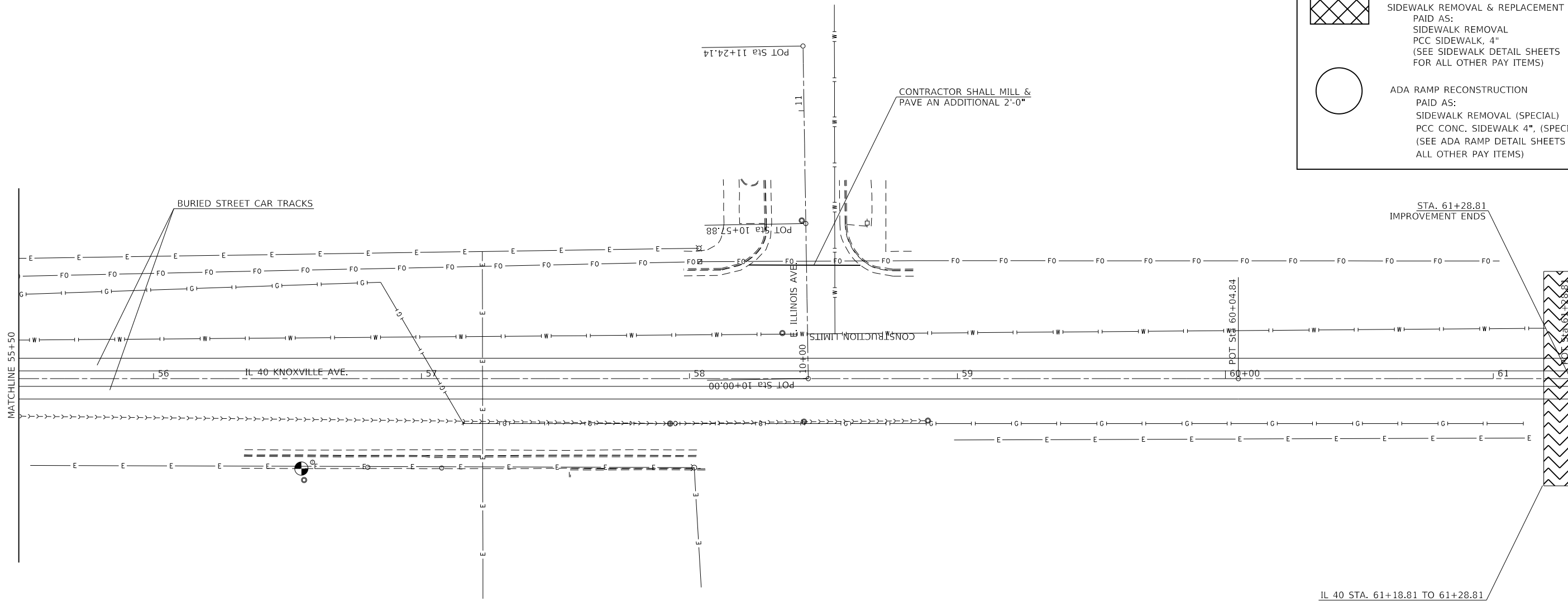
GENERAL PLAN & DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)R5-4	PEORIA	109	36
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

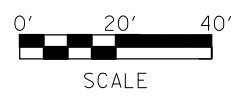


	HMA SURFACE REMOVAL, 2 1/4" (MAINLINE MILLED @ 2 1/4" BUT NOT SHOWN)
	HMA SURFACE REMOVAL - BUTT JOINT
	SIDEWALK REMOVAL & REPLACEMENT PAID AS: SIDEWALK REMOVAL PCC SIDEWALK, 4" (SEE SIDEWALK DETAIL SHEETS FOR ALL OTHER PAY ITEMS)
	ADA RAMP RECONSTRUCTION PAID AS: SIDEWALK REMOVAL (SPECIAL) PCC CONC. SIDEWALK 4", (SPECIAL) (SEE ADA RAMP DETAIL SHEETS FOR ALL OTHER PAY ITEMS)



IL 40 STA. 61+18.81 TO 61+28.81
HMA SURFACE COURSE REMOVAL
BUTT JOINT (10') = 88.9 SQ. YDS.

PLAN NOTE:
TANGENT SECTIONS BETWEEN SIDE ROADS WERE NOT
SURVEYED; THEREFORE, ALL EXISTING DATA IS NOT SHOWN.



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	DATE -	REVISED -

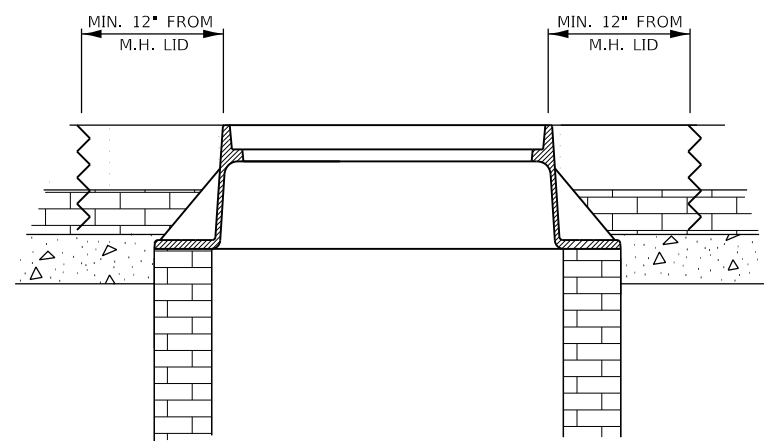
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN & DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

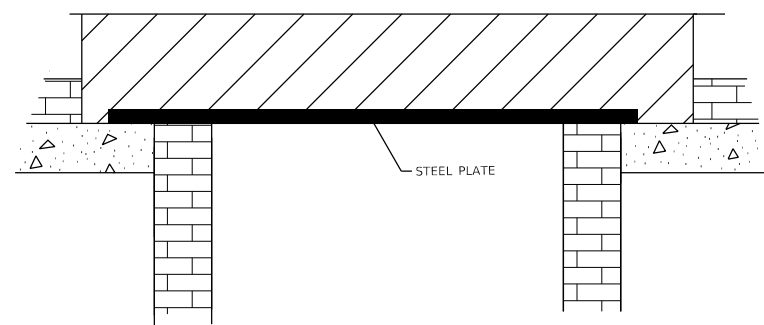
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	37
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

SECTION A-A DETAILS



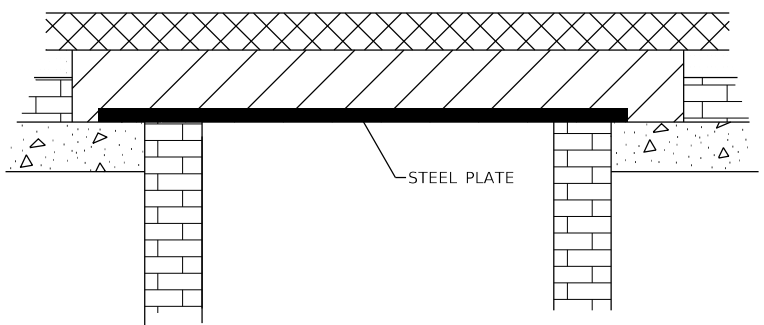
PHASE I

1. SAW CUT FULL DEPTH, A MIN. OF 12" FROM THE MANHOLE LID IN A DIAMOND SHAPE FASHION IN THE DIRECTION OF TRAVEL (SEE PLAN VIEW)
2. REMOVE FRAME, LID, AND PAVEMENT WITHIN LIMITS OF SAW CUT (DEPTH OF PAVEMENT REMOVAL TO BE DETERMINED BY THE ENGINEER)
3. PERFORM RECONSTRUCTION OF MANHOLES AT LOCATIONS SPECIFIED IN THE SCHEDULE.



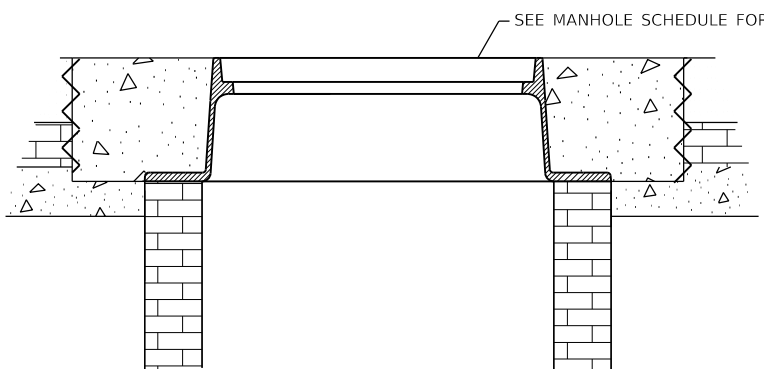
PHASE II

4. PLACE STEEL PLATE TO COVER HOLE (REUSABLE IN STAGE II)
5. PLACE COLD MIX IN VOID



PHASE III

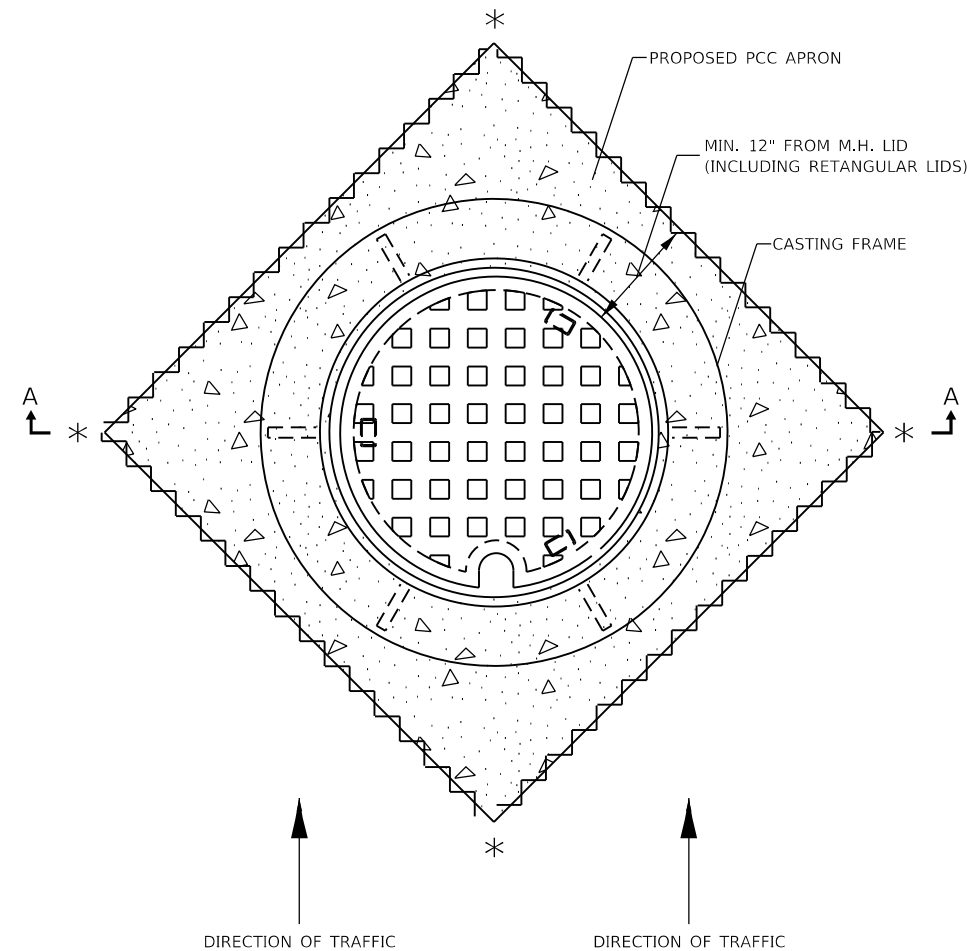
6. HMA SURFACE REMOVAL (2.25")
7. PLACE PROPOSED LEVELING BINDER (1") AND HMA SURFACE (1.25")



PHASE IV

8. SAW CUT AT PREVIOUS LOCATIONS
9. REMOVE ALL MATERIAL & STEEL PLATE
10. ADJUST FRAME
11. POUR PCC APRON (REFER TO STANDARD 420111-03 FOR REINFORCEMENT DETAILS IF IT IS DETERMINED THE PCC APRON CAN BE TIED TO EXISTING PCC PAVEMENT)

STAGE I & II (SEE SEQUENCE OF OPERATIONS)



* NOTE:
CONTROL POINTS SHALL BE ESTABLISHED TO ENSURE THAT EXACT LOCATIONS CAN BE RELOCATED AFTER PLACEMENT OF FINAL HMA SURFACE COURSE

LEGEND

	— PCC		— PROP. COLD MIX
	— EXIST. BRICK PAVEMENT & MASONARY M.H.		— HMA SURFACE REMOVAL, PROP. LEVELING BINDER & HMA SURFACE
	— EXIST. HMA		
	— PROP. SAW CUT		

REFER TO TYPICAL SECTION FOR PAVEMENT THICKNESS

DETAILS NOT DRAWN TO SCALE

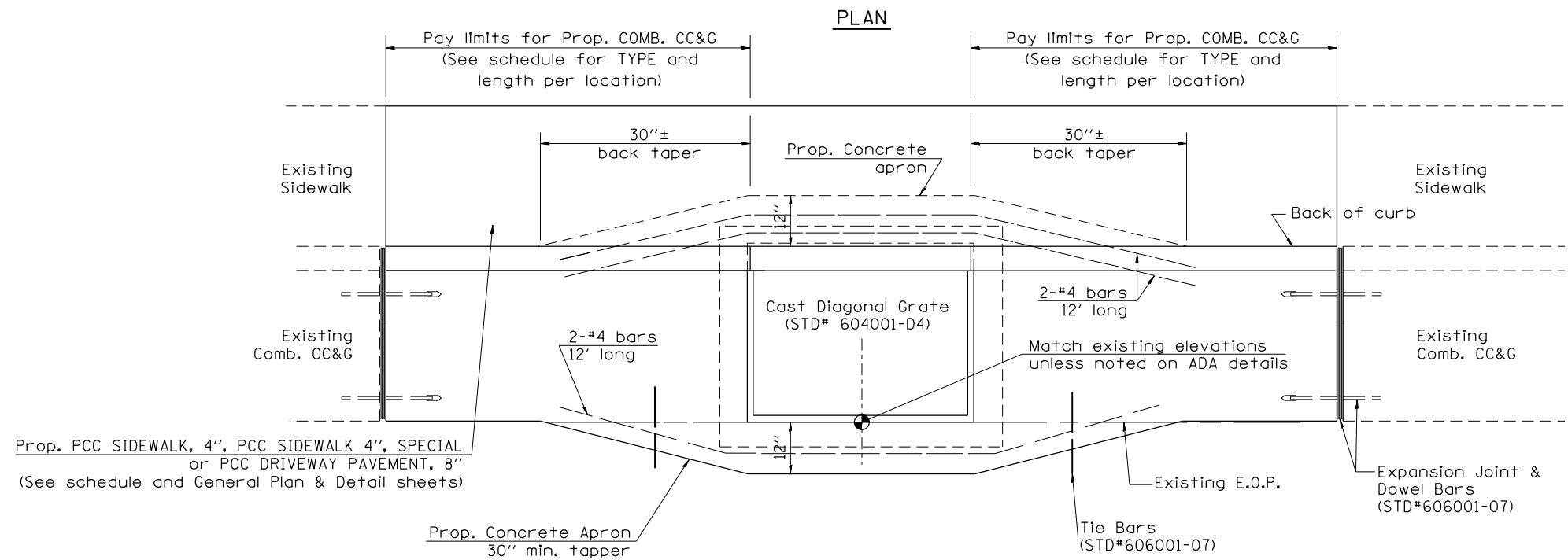
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USER NAME = aubreys	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MANHOLE ADJUST DETAIL				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	38
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

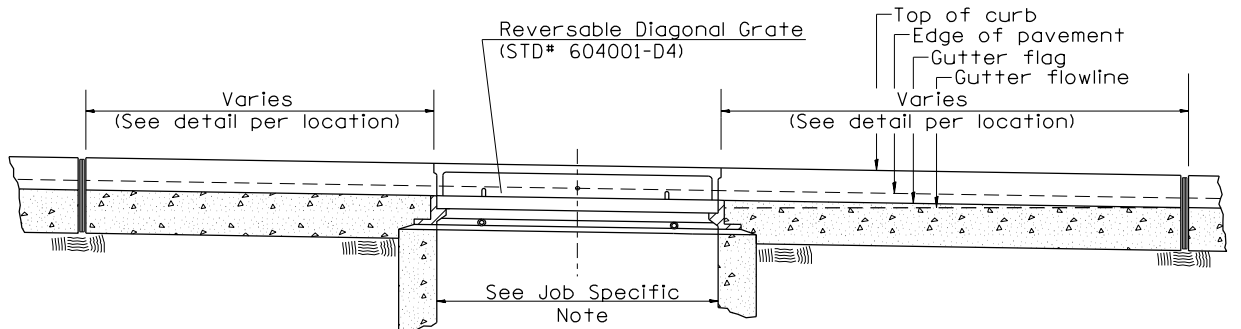


This Detail covers:

1. The construction of new inlets, type G-1, G-1 double, and G-2 paid as INLETS, SPECIAL and DOUBLE INLET, SPECIAL
2. The construction of concrete aprons (when not specified elsewhere) for the following pay items:
 INLETS TO BE ADJUSTED (SPECIAL)
 INLETS TO BE RECONSTRUCTED WITH NEW FRAME & GRATE, SPECIAL

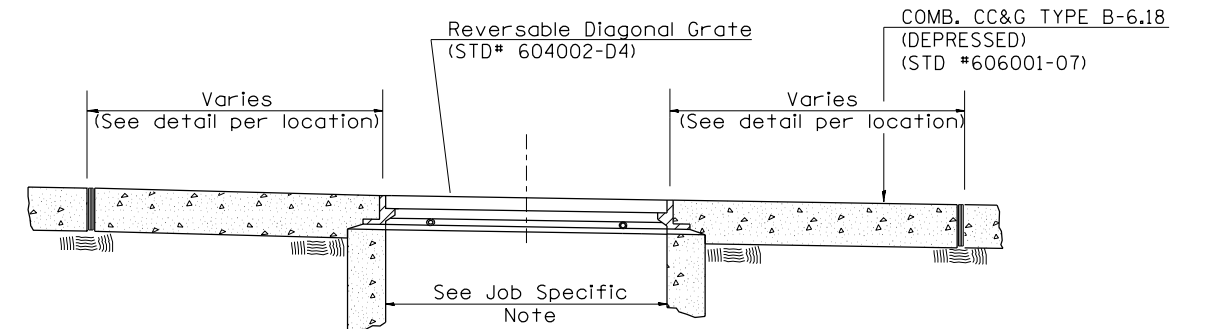
Prop. PCC SIDEWALK, 4", PCC SIDEWALK 4", SPECIAL or PCC DRIVEWAY PAVEMENT, 8" (See schedule and General Plan & Detail sheets)

TYPE G-1 FRAME & GRATE

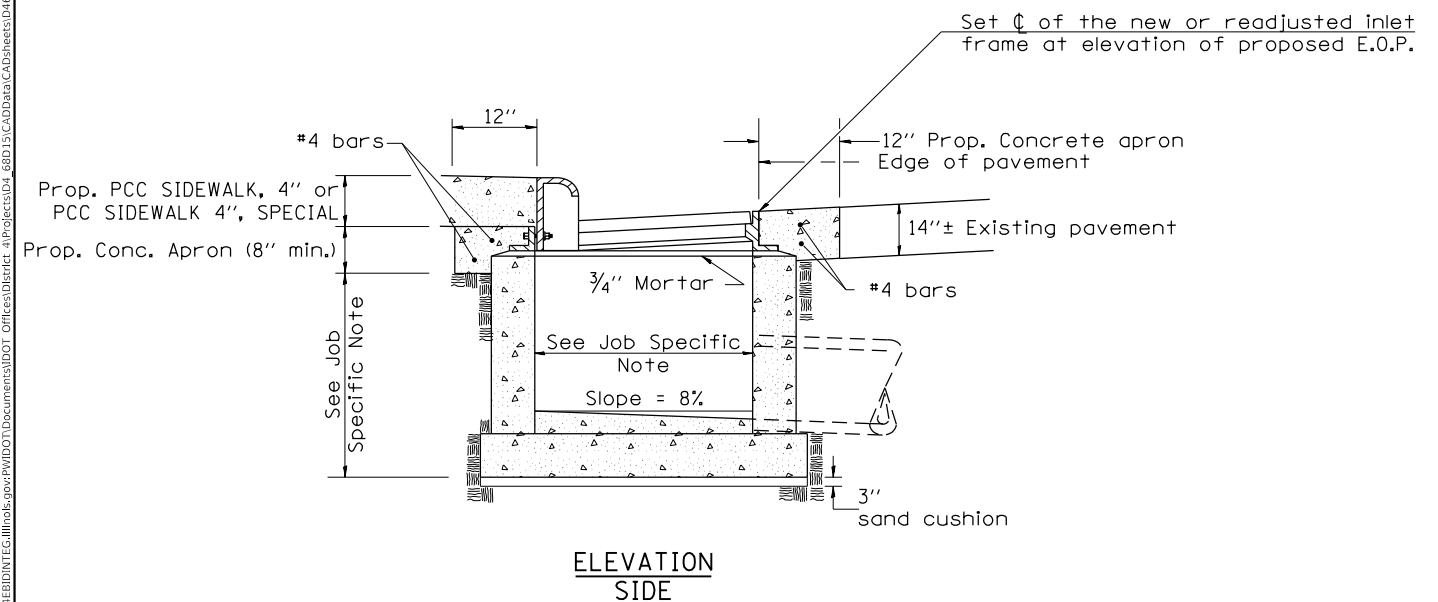


ELEVATION FRONT

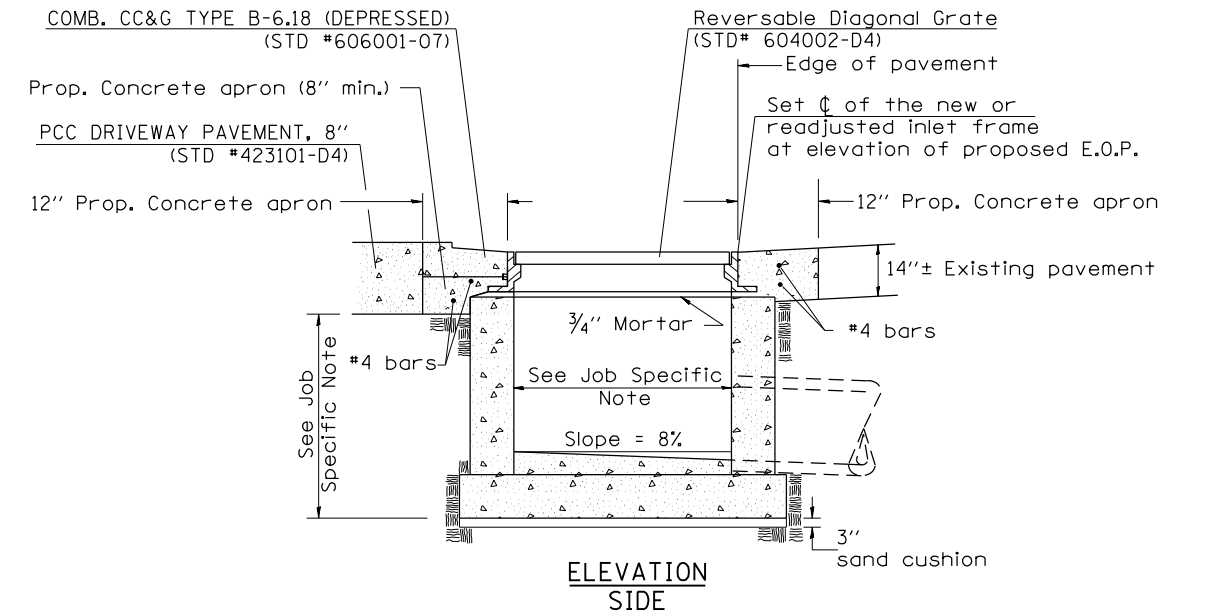
TYPE G-2 FRAME & GRATE



ELEVATION FRONT



ELEVATION SIDE



ELEVATION SIDE

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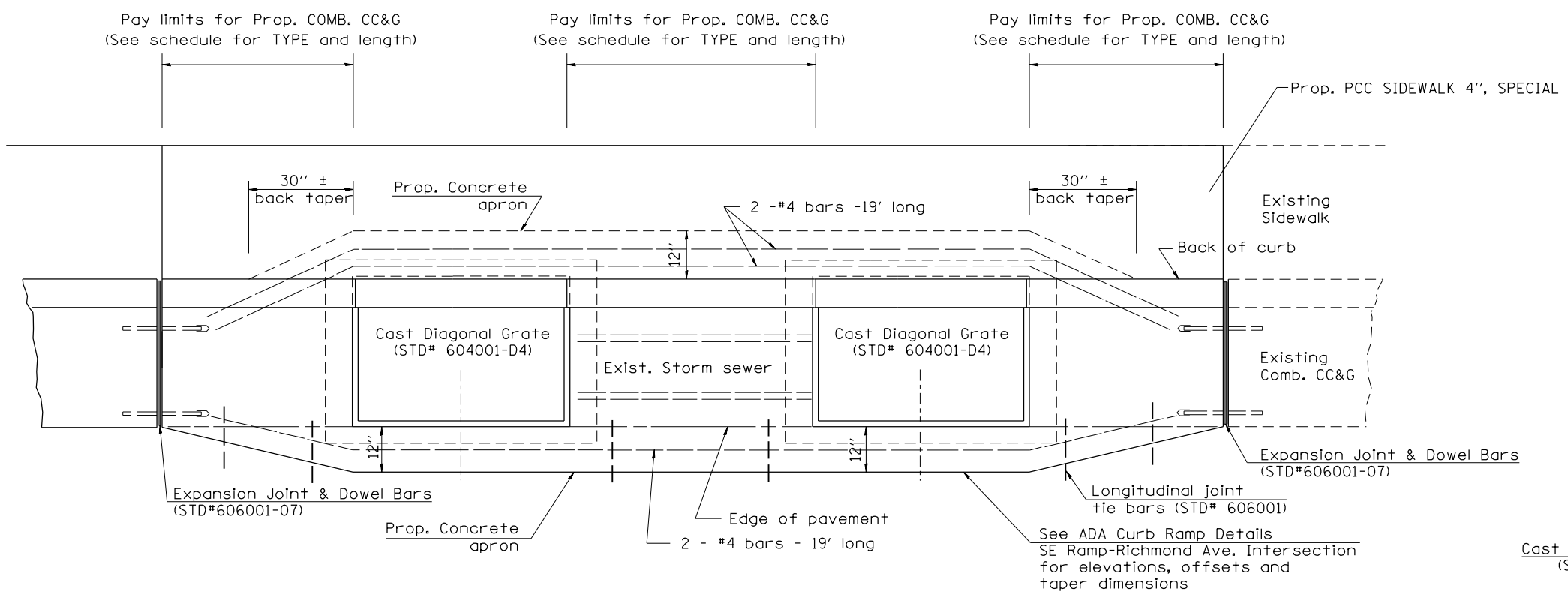
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INLET DETAILS (SHEET 1 OF 2)

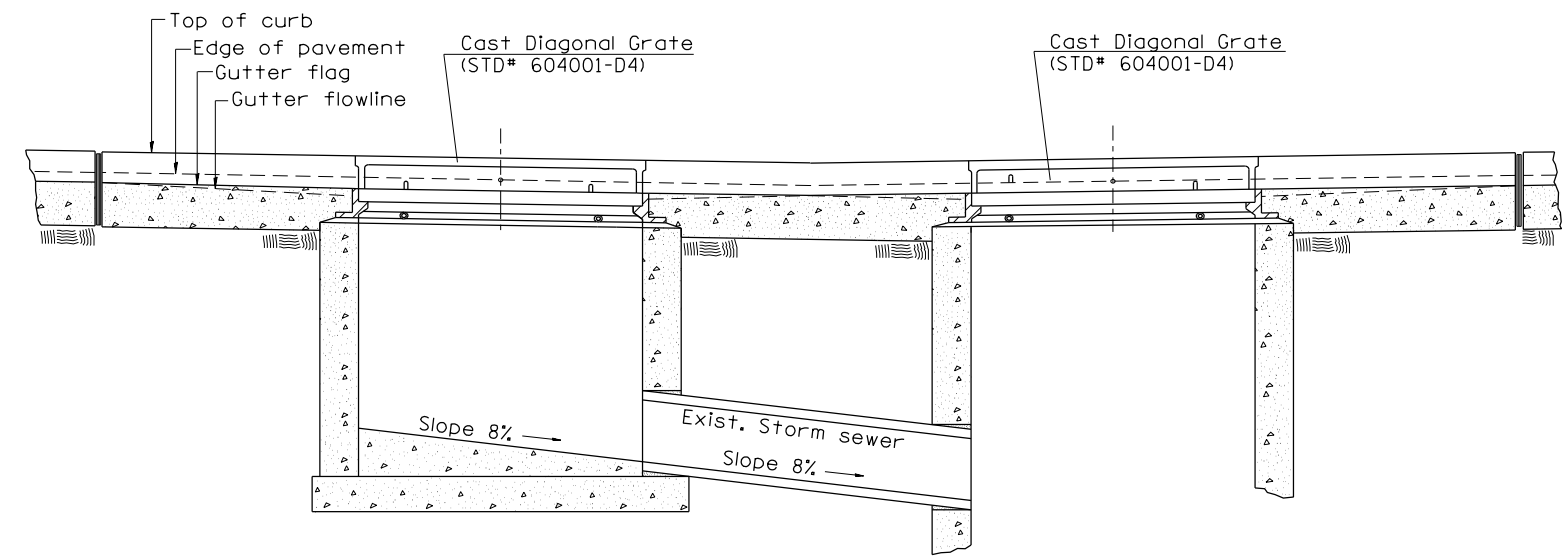
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)R5-4	PEORIA	109	39
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

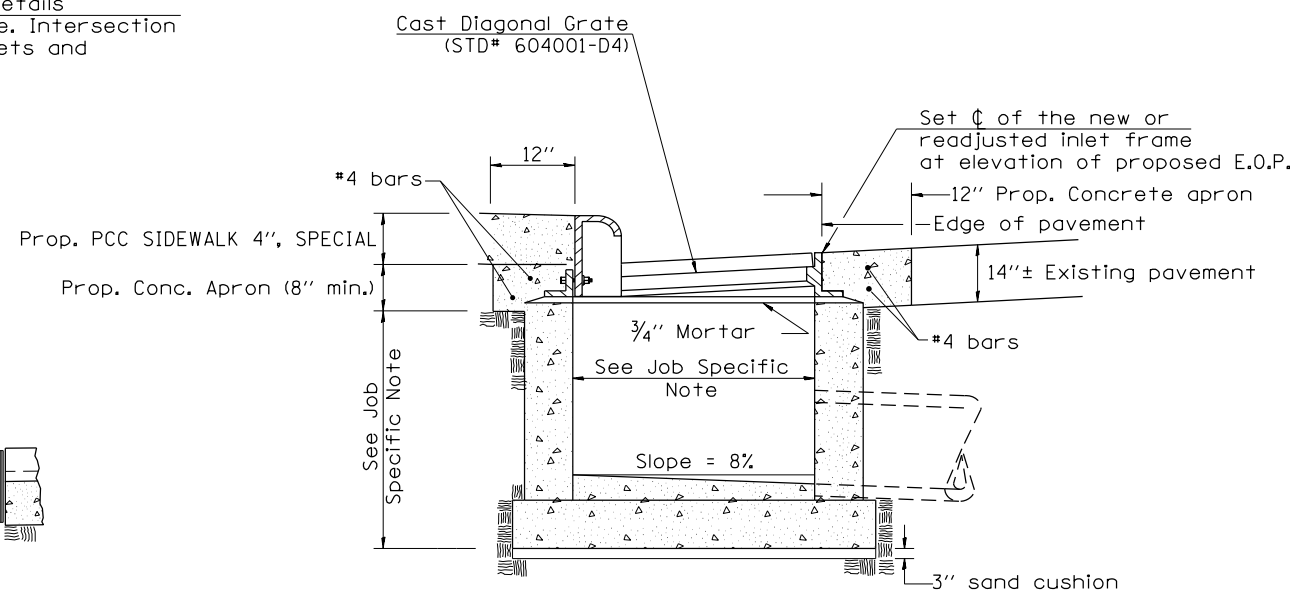
DOUBLE INLET, SPECIAL (TYPE G-1)
LT. STA. 52+39



PLAN



FRONT ELEVATION



ELEVATION (SIDE)

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PROJECT: 68D15-Sub-Inlet
DATE: 12/15/2017

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INLET DETAILS (SHEET 2 OF 2)

SCALE: SHEET OF SHEETS STA. TO STA.




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646	(43-1-C5)R5-4	PEORIA	109	40
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				






JOB SPECIFIC NOTES FOR ADA CURB RAMPS

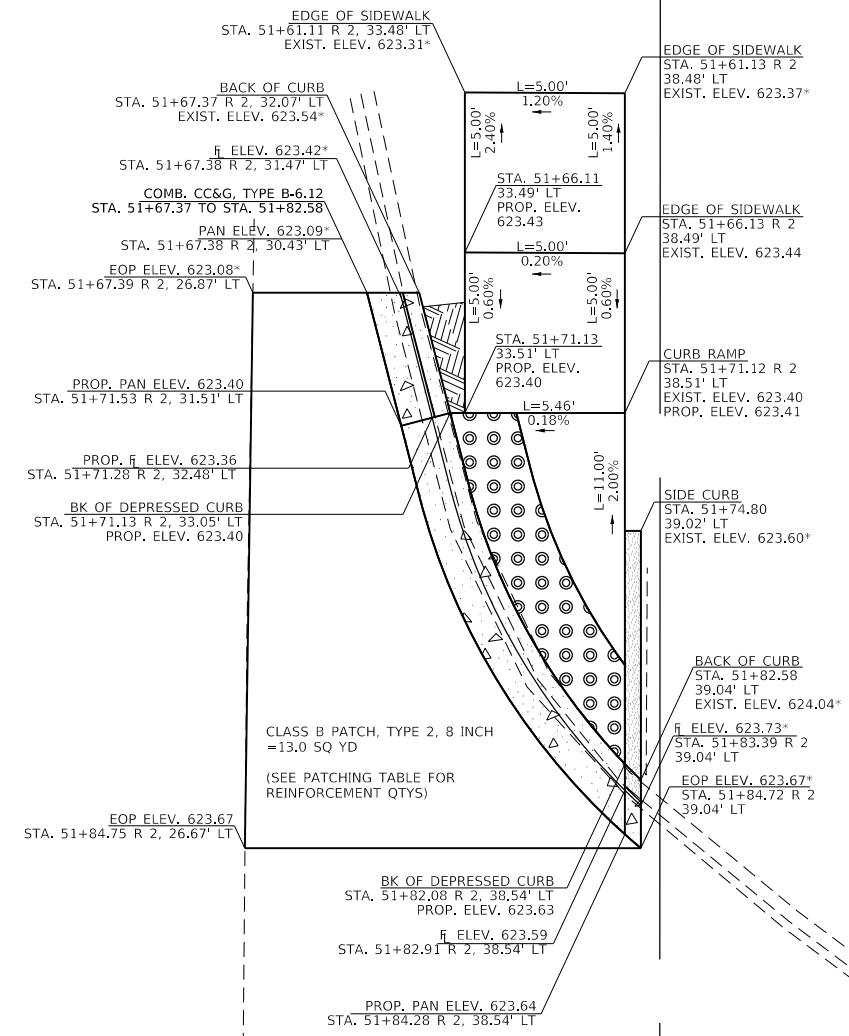
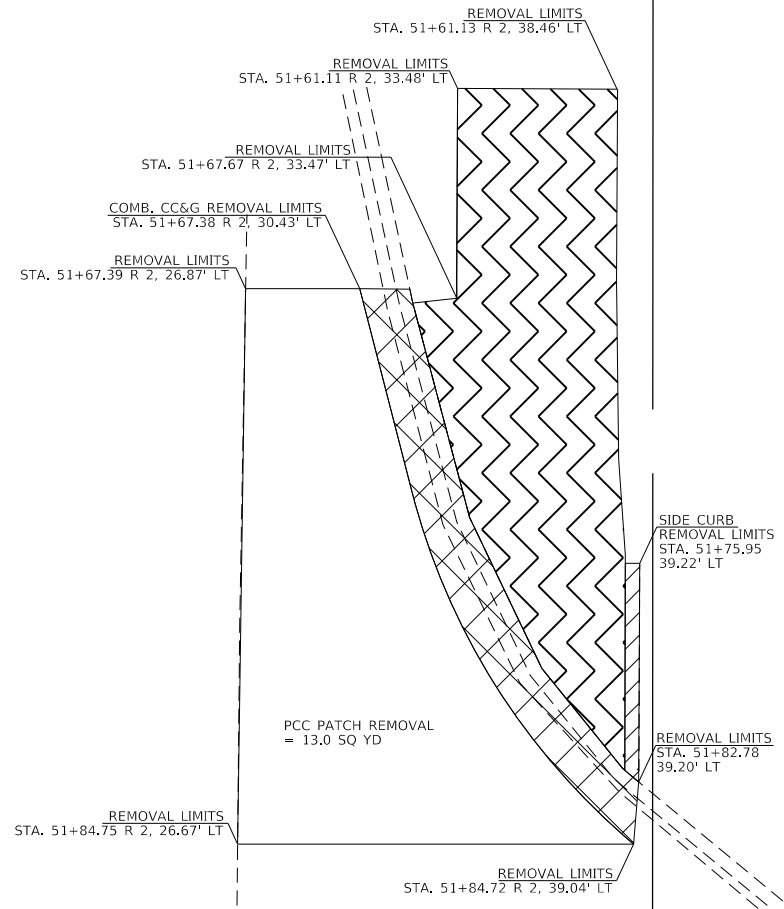
1. ALL ELEVATIONS ARE SUBJECT TO REFINEMENT DURING CONSTRUCTION.
2. SIDEWALK CROSS SLOPE = 2.0% MAX. UNLESS TRANSITIONING TO EXISTING CONDITIONS
3. UPPER LANDINGS AND LOWER LANDINGS SHALL BE 1.5% MAXIMUM IN ANY DIRECTION; INCLUDING DIAGONALLY.
4. MAXIMUM RAMP LONGITUDINAL SLOPE = 8.3% (1:12)
5. MAXIMUM SLOPE AROUND RADIUS = 2%
6. SEE SPECIAL PROVISION ENTITLED "PORTLAND CEMENT CONCRETE SIDEWALK, 4" SPECIAL"

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					SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

-  SIDEWALK REMOVAL (SPECIAL)
= 92.5 SQ. FT.
-  COMB. CC&G REMOVAL
= 18.0 FT.
-  SIDE CURB REMOVAL
= 3.4 SQ. FT.
(TO BE PAID FOR AS
SIDEWALK REMOVAL (SPECIAL))

-  DETECTABLE WARNING SURFACES
= 21.1 SQ. FT.
 -  RAMP SIDE CURB
= 3.8 SQ. FT.
(TO BE PAID FOR AS
PCC SIDEWALK 4", SPECIAL)
 -  COMB. CC&G, TYPE B-6.12
= 18.0 FT.
 -  BACKFILL AND SEEDING
= 0.04 CU. YD.
(TO BE INCLUDED IN THE COST
OF PCC SIDEWALK 4", SPECIAL)
 -  PCC SIDEWALK 4", SPECIAL
= 87.2 SQ. FT.
- * MATCH EXISTING ELEV.



MODEL: Default
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KNOXVILLE AVE. (IL 40)
 STA. 52+00



KNOXVILLE AVE. (IL 40)
 STA. 52+00



EXIST. ROW LIMITS

USER NAME = aubreys	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

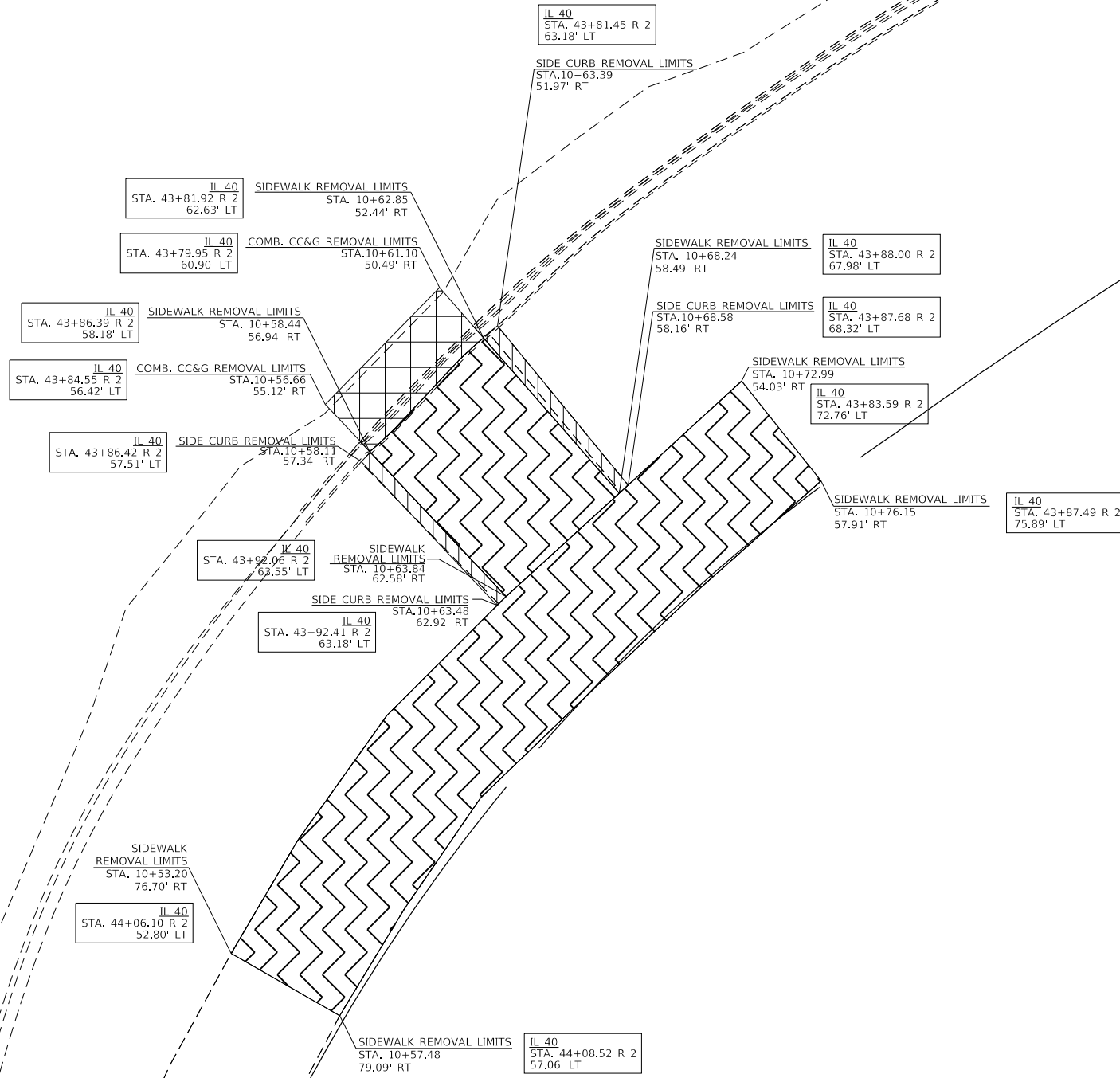
ADA CURB RAMP DETAILS NE RAMP - RICHMOND AVE INTERSECTION			
SCALE:	SHEET	OF SHEETS	STA. TO STA.



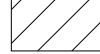
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	43
CONTRACT NO. 68D15				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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KNOXVILLE AVE. (IL 40)

STA. 44+00



-  SIDEWALK REMOVAL (SPECIAL) = 194.0 SQ. FT.
-  COMB. CC&G REMOVAL = 6.3 FT.
-  SIDE CURB REMOVAL = 7.9 SQ. FT. (TO BE PAID FOR AS SIDEWALK REMOVAL (SPECIAL))

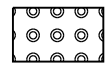
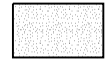

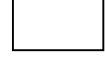

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PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA CURB RAMP DETAILS
 SE RAMP (REMOVAL) - NEBRASKA INTERSECTION**

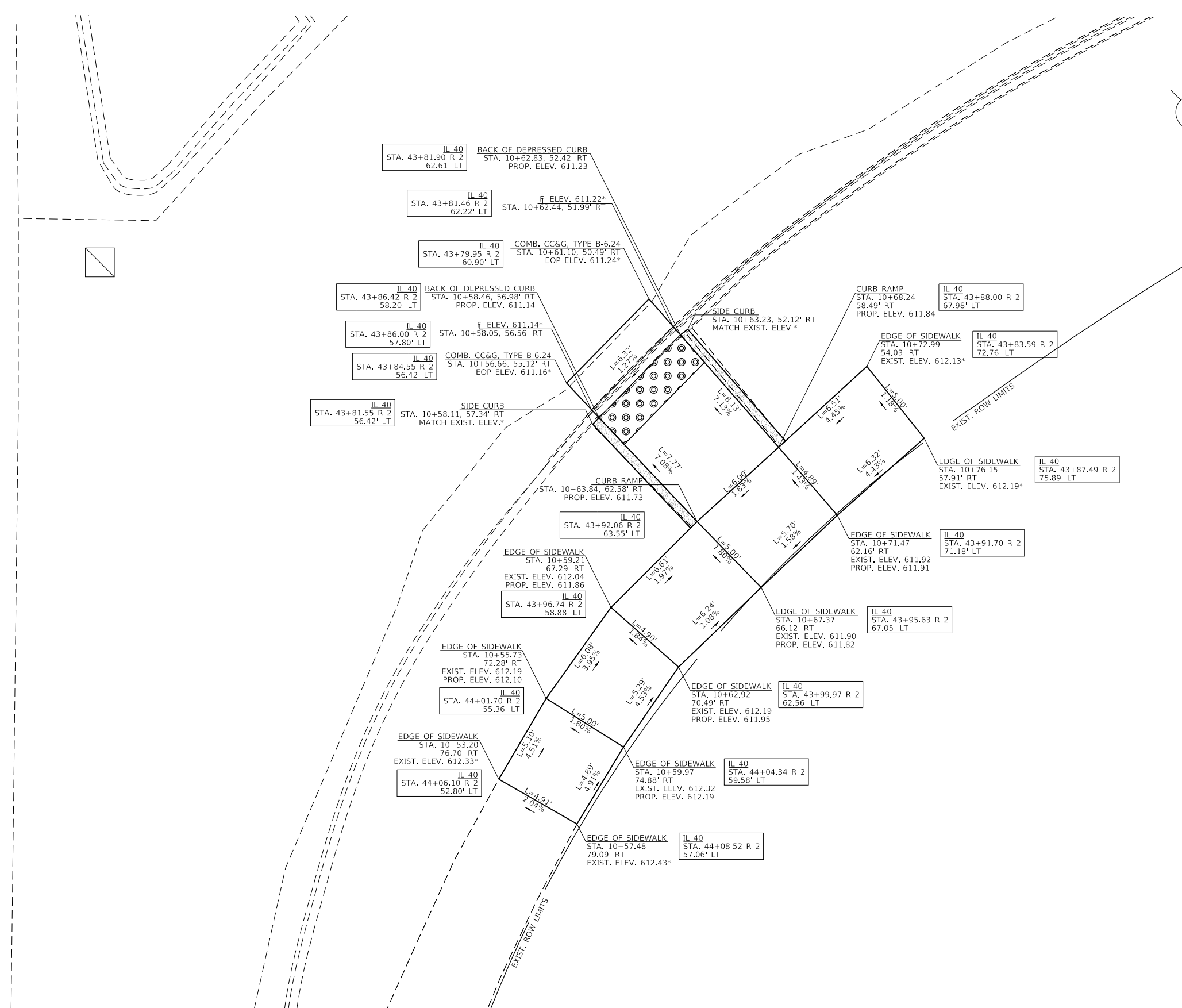
F.A.P. RTE. 646	SECTION (43-1-CS)RS-4	COUNTY PEORIA	TOTAL SHEETS 109	SHEET NO. 44
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

-  DETECTABLE WARNING SURFACES
= 12.6 SQ. FT. (6.3' X 2.0')
TO BE PLACED PERPENDICULAR
TO THE DIRECTION OF TRAVEL
-  RAMP SIDE CURB
= 7.9 SQ. FT.
(TO BE PAID FOR AS
PCC SIDEWALK 4", SPECIAL)
-  COMB. CC&G. TYPE B-6.24
= 6.3 FT
-  PCC SIDEWALK 4", SPECIAL
= 193.9 SQ. FT.
-  * MATCH EXISTING ELEV.

KNOXVILLE AVE. (IL 40)

STA.
44+00



MODEL: Default
FILE: \\hpc\p\ul\B&E\BID\ITEC\Illinois\pov\RW\DOT\Documents\DOT_Offices\Director_of\Projects\04_68D15\CADD\Drawings\CAD\Drawings\0468D15_rch-ADA_Details.dwg

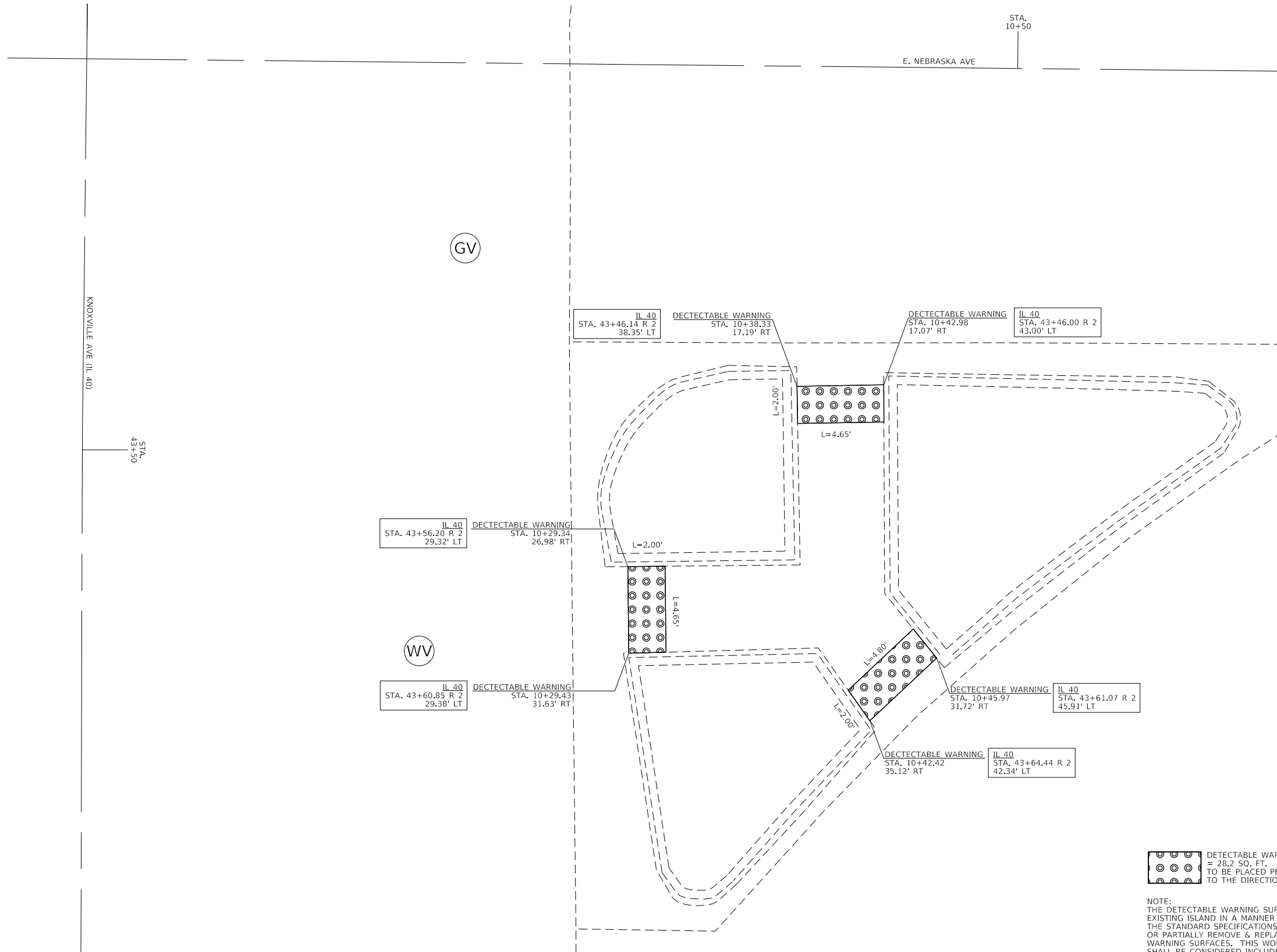
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	DRAWN -	REVISED -
PLOT SCALE = 6,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA CURB RAMP DETAILS
SE RAMP (PROPOSED) - NEBRASKA INTERSECTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	45
CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		



IL 40
STA. 43+56.20 R 2
29.32' LT

DETECTABLE WARNING
STA. 10+29.34
26.98' RT

IL 40
STA. 43+60.85 R 2
29.38' LT

DETECTABLE WARNING
STA. 10+29.43
31.63' RT

IL 40
STA. 43+46.14 R 2
38.35' LT

DETECTABLE WARNING
STA. 10+38.33
17.19' RT

DETECTABLE WARNING
STA. 10+42.98
17.07' RT


IL 40
STA. 43+46.00 R 2
43.00' LT

DETECTABLE WARNING
STA. 10+45.97
31.72' RT

IL 40
STA. 43+61.07 R 2
45.91' LT

DETECTABLE WARNING
STA. 10+42.42
35.12' RT

IL 40
STA. 43+64.44 R 2
42.34' LT

 DETECTABLE WARNING SURFACES
= 28.2 SQ. FT.
TO BE PLACED PERPENDICULAR
TO THE DIRECTION OF TRAVEL

NOTE:
THE DETECTABLE WARNING SURFACES SHALL BE PLACED AS AN INTEGRAL PART OF THE EXISTING ISLAND IN A MANNER AND DEPTH IN ACCORDANCE WITH ARTICLE 424.09 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL HAVE THE OPTION TO GRIND OR PARTIALLY REMOVE & REPLACE ENOUGH MATERIAL TO ACCOMMODATE THE DETECTABLE WARNING SURFACES. THIS WORK SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF DETECTABLE WARNING SURFACES.

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USER NAME = aubreys	DESIGNED -	REVISED -
PLOT SCALE = 6,000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -

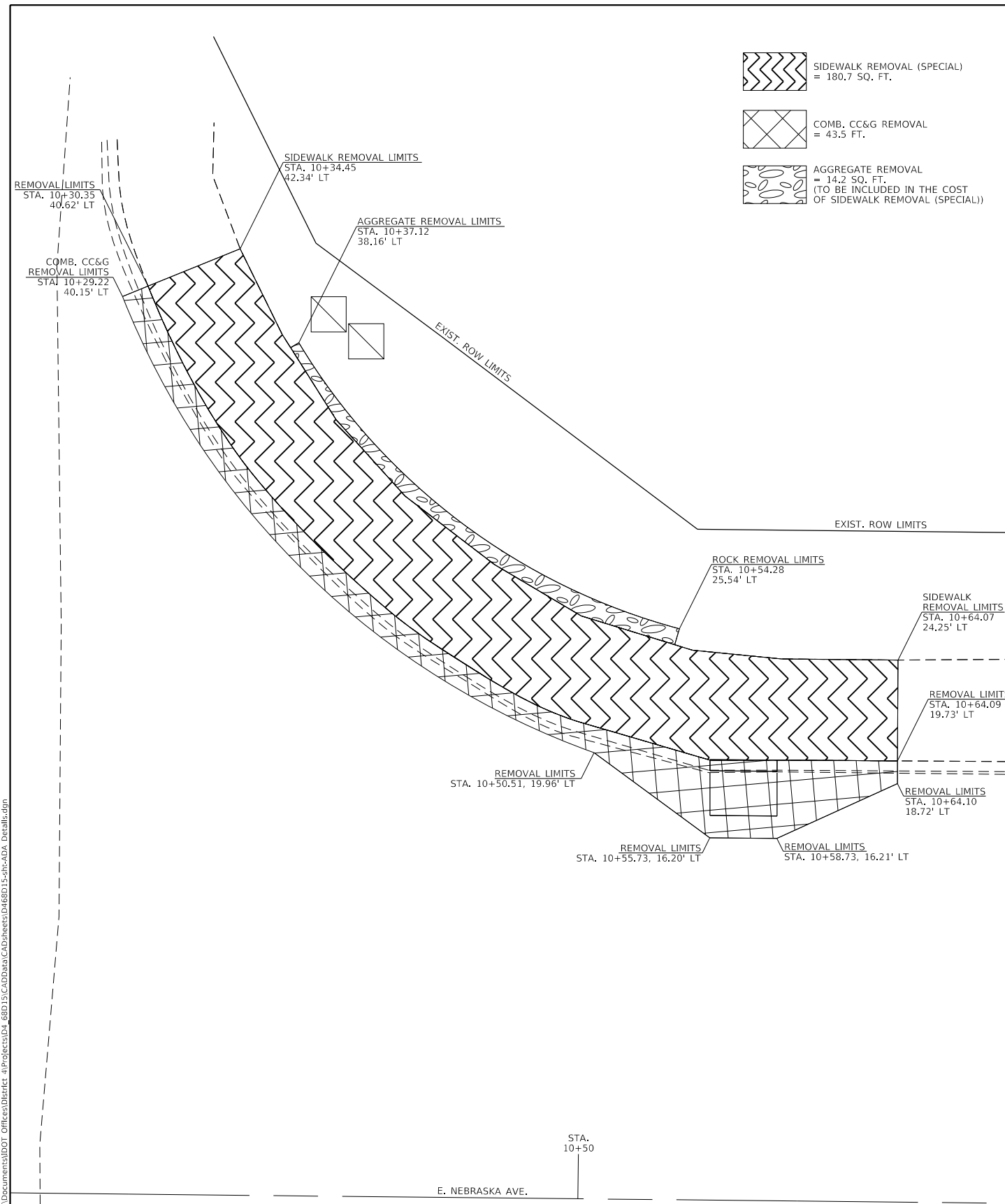
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA CURB RAMP DETAILS
ISLAND - NEBRASKA INTERSECTION**

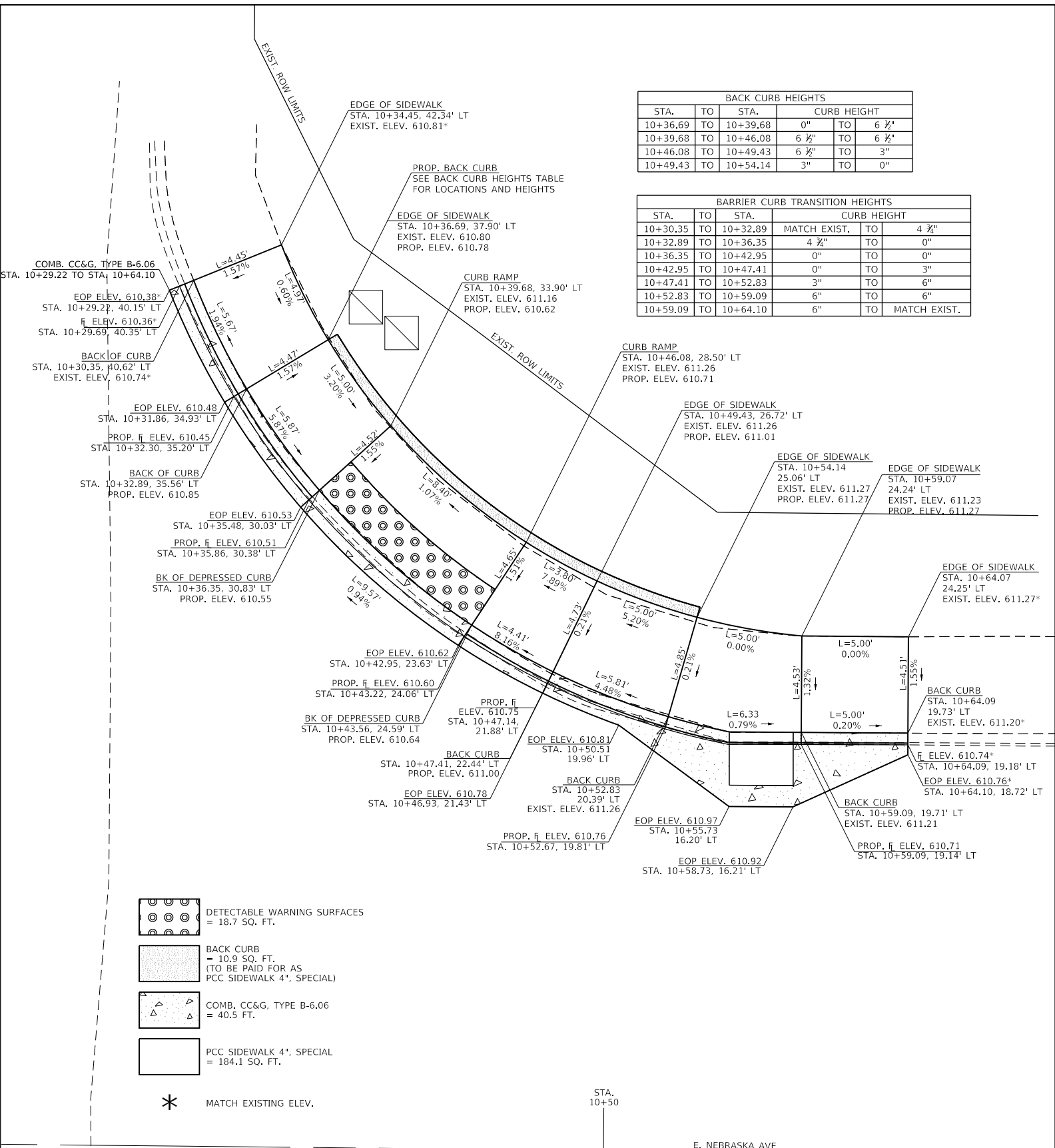
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	46
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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- SIDEWALK REMOVAL (SPECIAL)
= 180.7 SQ. FT.
- COMB. CC&G REMOVAL
= 43.5 FT.
- AGGREGATE REMOVAL
= 14.2 SQ. FT.
(TO BE INCLUDED IN THE COST
OF SIDEWALK REMOVAL (SPECIAL))



BACK CURB HEIGHTS			
STA.	TO	STA.	CURB HEIGHT
10+36.69	TO	10+39.68	0"
10+39.68	TO	10+46.08	6 1/2"
10+46.08	TO	10+49.43	6 1/2"
10+49.43	TO	10+54.14	3"
			TO 0"

BARRIER CURB TRANSITION HEIGHTS			
STA.	TO	STA.	CURB HEIGHT
10+30.35	TO	10+32.89	MATCH EXIST. TO 4 3/4"
10+32.89	TO	10+36.35	4 1/2"
10+36.35	TO	10+42.95	0"
10+42.95	TO	10+47.41	0"
10+47.41	TO	10+52.83	3"
10+52.83	TO	10+59.09	6"
10+59.09	TO	10+64.10	6"
			TO MATCH EXIST.

- DETECTABLE WARNING SURFACES
= 18.7 SQ. FT.
- BACK CURB
= 10.9 SQ. FT.
(TO BE PAID FOR AS
PCC SIDEWALK 4", SPECIAL)
- COMB. CC&G, TYPE B-6.06
= 40.5 FT.
- PCC SIDEWALK 4", SPECIAL
= 184.1 SQ. FT.

* MATCH EXISTING ELEV.

INLET INFORMATION
 INLET TYPE G-1 ADJUSTMENT TO BE PAID FOR AS
 INLETS TO BE ADJUSTED (SPECIAL) - SEE SPECIAL
 PROVISION AND "INLET DETAILS"
 CONTROL POINT ELEV. = 610.85
 \bar{x} ELEV. = 610.75

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA CURB RAMP DETAILS
 NE RAMP - NEBRASKA INTERSECTION**


USER NAME = aubreys	DESIGNED -	REVISED -
PLOT SCALE = 6.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -


SCALE:	SHEET OF SHEETS	STA. TO STA.	F.A.P. RTE. 646	SECTION (43-1-CS)RS-4	COUNTY PEORIA	TOTAL SHEETS 109	SHEET NO. 47
						CONTRACT NO. 68D15	
						ILLINOIS FED. AID PROJECT	


STA. 9+50


W. NEBRASKA AVE.


 SIDEWALK REMOVAL (SPECIAL)
= 238.4 SQ. FT.


 COMB. CC&G REMOVAL
= 31.1 FT.

 EARTH REMOVAL
= 0.15 CU. YD.
(TO BE INCLUDED IN THE COST OF SIDEWALK REMOVAL (SPECIAL))

 DETECTABLE WARNING SURFACES
= 12.0 SQ. FT.
TO BE PLACED PERPENDICULAR TO THE DIRECTION OF TRAVEL

 BACK CURB
= 13.4 SQ. FT.
(TO BE PAID FOR AS PCC SIDEWALK 4", SPECIAL)

 COMB. CC&G, TYPE B-6.06
= 28.1 FT.

 PCC SIDEWALK 4", SPECIAL
= 236.5 SQ. FT.

* MATCH EXISTING ELEV.

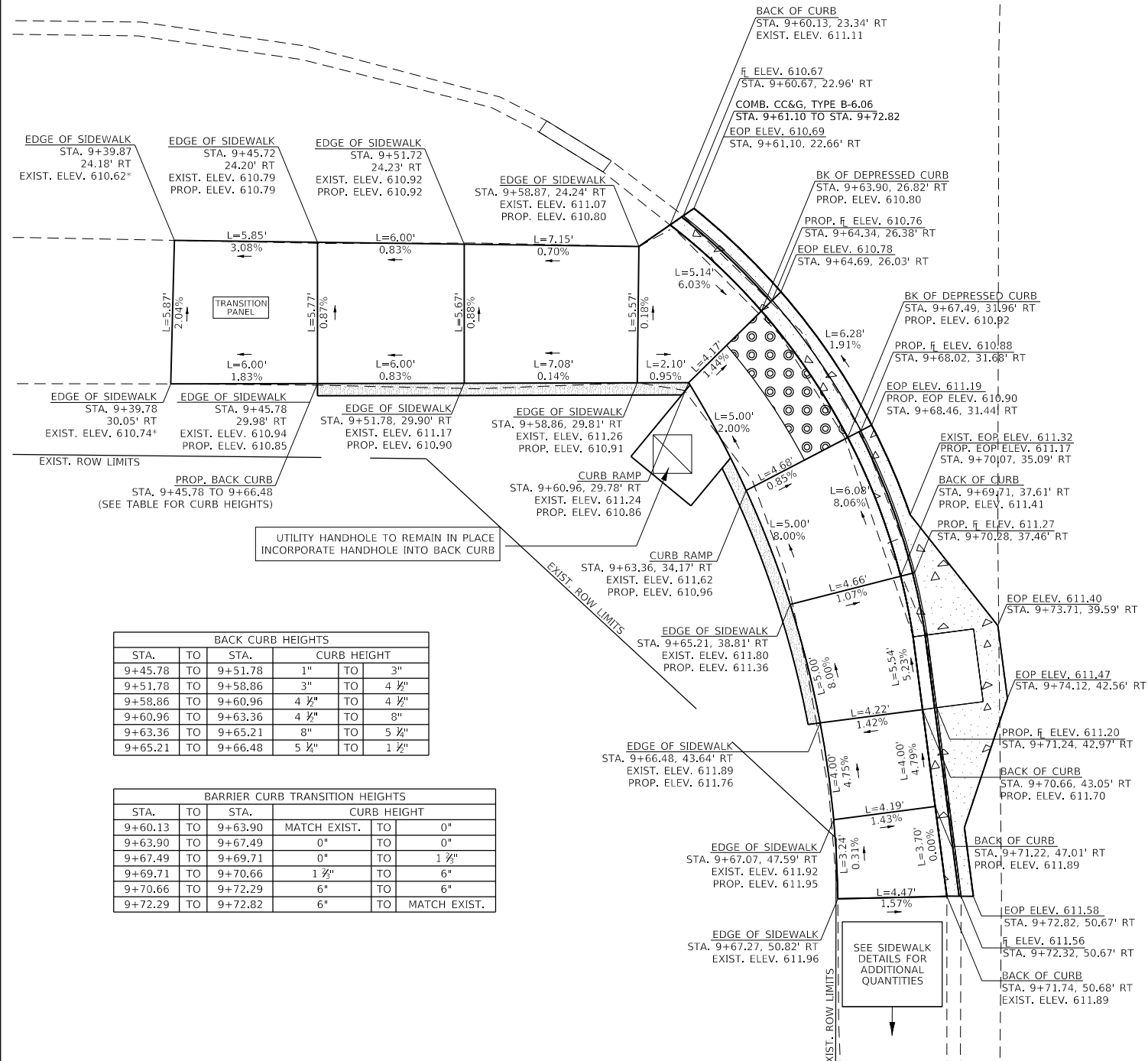
INLET INFORMATION

INLET TYPE G-1 ADJUSTMENT TO BE PAID FOR AS INLETS TO BE ADJUSTED (SPECIAL) - SEE SPECIAL PROVISION AND "INLET DETAILS"

CONTROL POINT ELEV. = 611.44
FIN. ELEV. = 611.26

STA. 9+50

W. NEBRASKA AVE.



BACK CURB HEIGHTS					
STA.	TO	STA.	CURB HEIGHT		
9+45.78	TO	9+51.78	1"	TO	3"
9+51.78	TO	9+58.86	3"	TO	4 1/2"
9+58.86	TO	9+60.96	4 1/2"	TO	4 1/2"
9+60.96	TO	9+63.36	4 1/2"	TO	8"
9+63.36	TO	9+65.21	8"	TO	5 1/2"
9+65.21	TO	9+66.48	5 1/2"	TO	1 1/2"

BARRIER CURB TRANSITION HEIGHTS					
STA.	TO	STA.	CURB HEIGHT		
9+60.13	TO	9+63.90	MATCH EXIST.	TO	0"
9+63.90	TO	9+67.49	0"	TO	0"
9+67.49	TO	9+69.71	0"	TO	1 1/2"
9+69.71	TO	9+70.66	1 1/2"	TO	6"
9+70.66	TO	9+72.29	6"	TO	6"
9+72.29	TO	9+72.82	6"	TO	MATCH EXIST.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA CURB RAMP DETAILS
SW RAMP - NEBRASKA INTERSECTION**

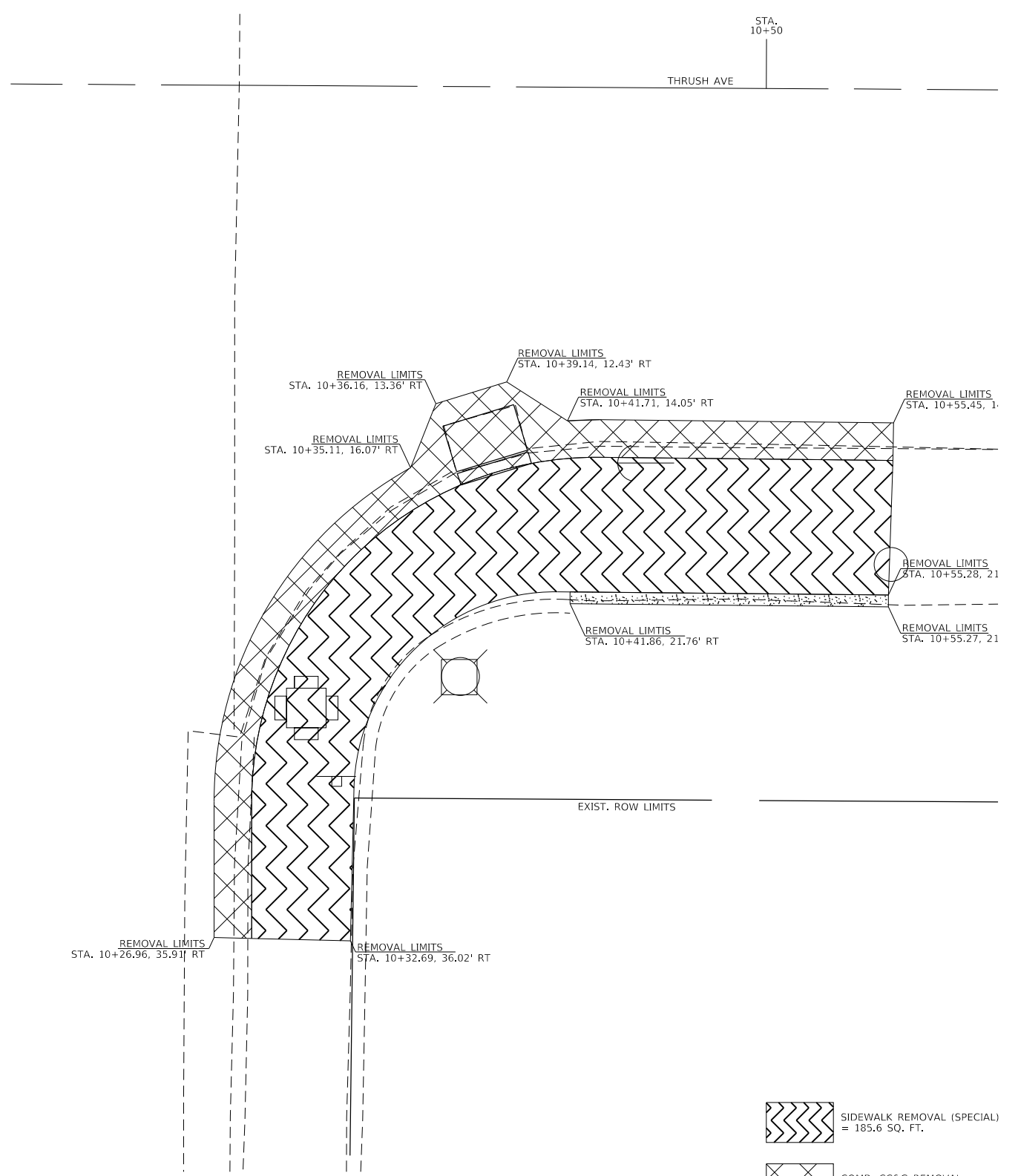
SCALE: SHEET OF SHEETS STA. TO STA.




F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)RS-4	PEORIA	109	49
CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		

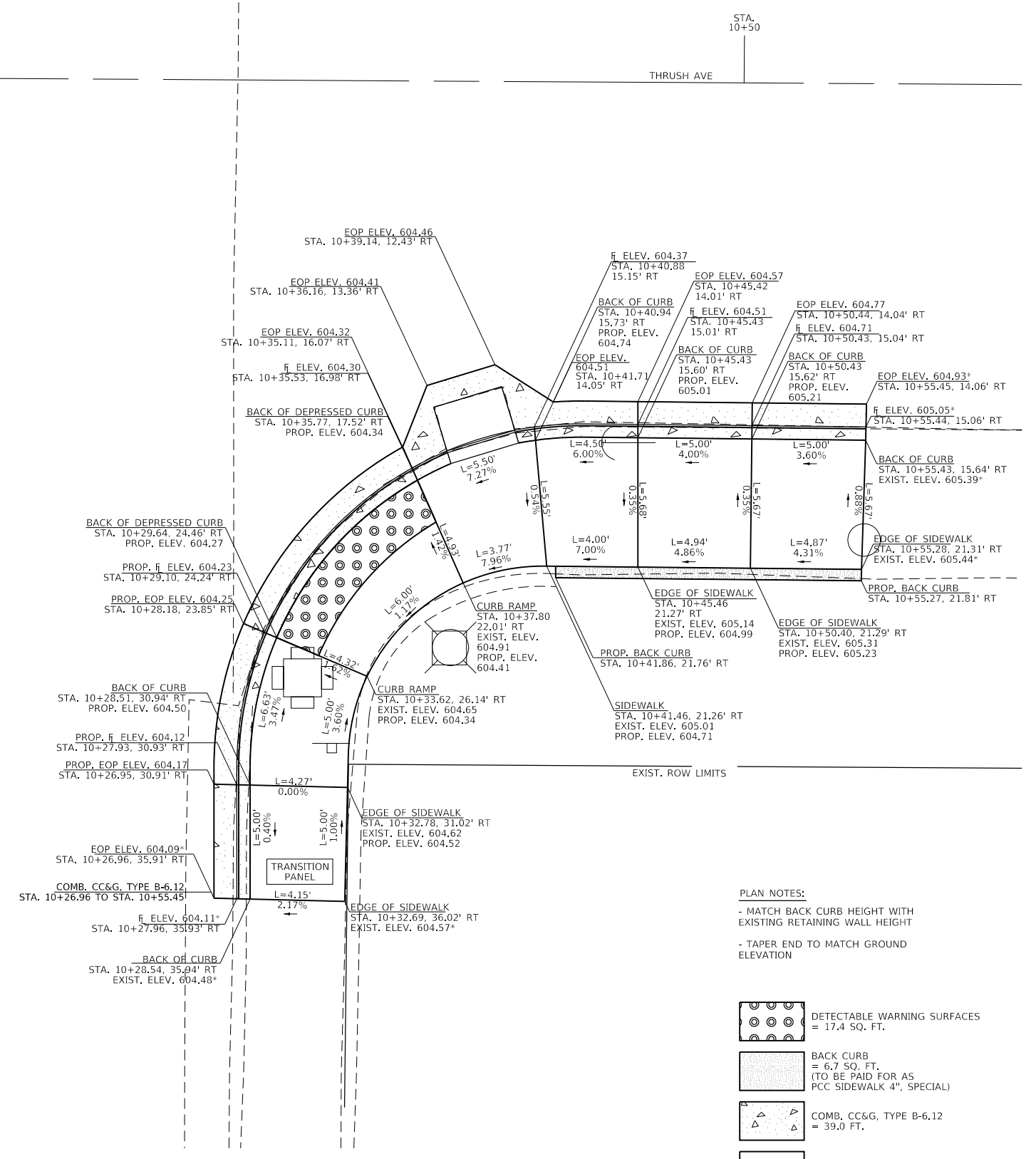
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PLOT SCALE = 6,000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -

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 DATE: 12/15/2017







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 PROJECT: 68D15\cadd\ada\cadd\sheet\68D15-ada-ADA_Details.dgn



-  SIDEWALK REMOVAL (SPECIAL)
= 185.6 SQ. FT.
-  COMB. CC&G REMOVAL
= 42.0 FT.
-  EARTH REMOVAL
= 0.21 CU. YD.
(TO BE INCLUDED IN THE COST OF SIDEWALK REMOVAL (SPECIAL))



- PLAN NOTES:**
- MATCH BACK CURB HEIGHT WITH EXISTING RETAINING WALL HEIGHT
 - TAPER END TO MATCH GROUND ELEVATION

-  DETECTABLE WARNING SURFACES
= 17.4 SQ. FT.
-  BACK CURB
= 6.7 SQ. FT.
(TO BE PAID FOR AS PCC SIDEWALK 4", SPECIAL)
-  COMB. CC&G. TYPE B-6.12
= 39.0 FT.
-  PCC SIDEWALK 4", SPECIAL
= 185.6 SQ. FT.
-  * MATCH EXISTING ELEV.
-  □ SIGN TO BE REMOVED AND REPLACE INCLUDED IN THE COST OF SIDEWALK, 4"

INLET INFORMATION

INLET TYPE G-1 ADJUSTMENT TO BE PAID FOR AS INLETS TO BE ADJUSTED (SPECIAL) - SEE SPECIAL PROVISION AND "INLET DETAILS"

CONTROL POINT ELEV. = 604.41
 ELEV. = 604.34



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PLOT DATE = 12/15/2017	DATE -	REVISED -

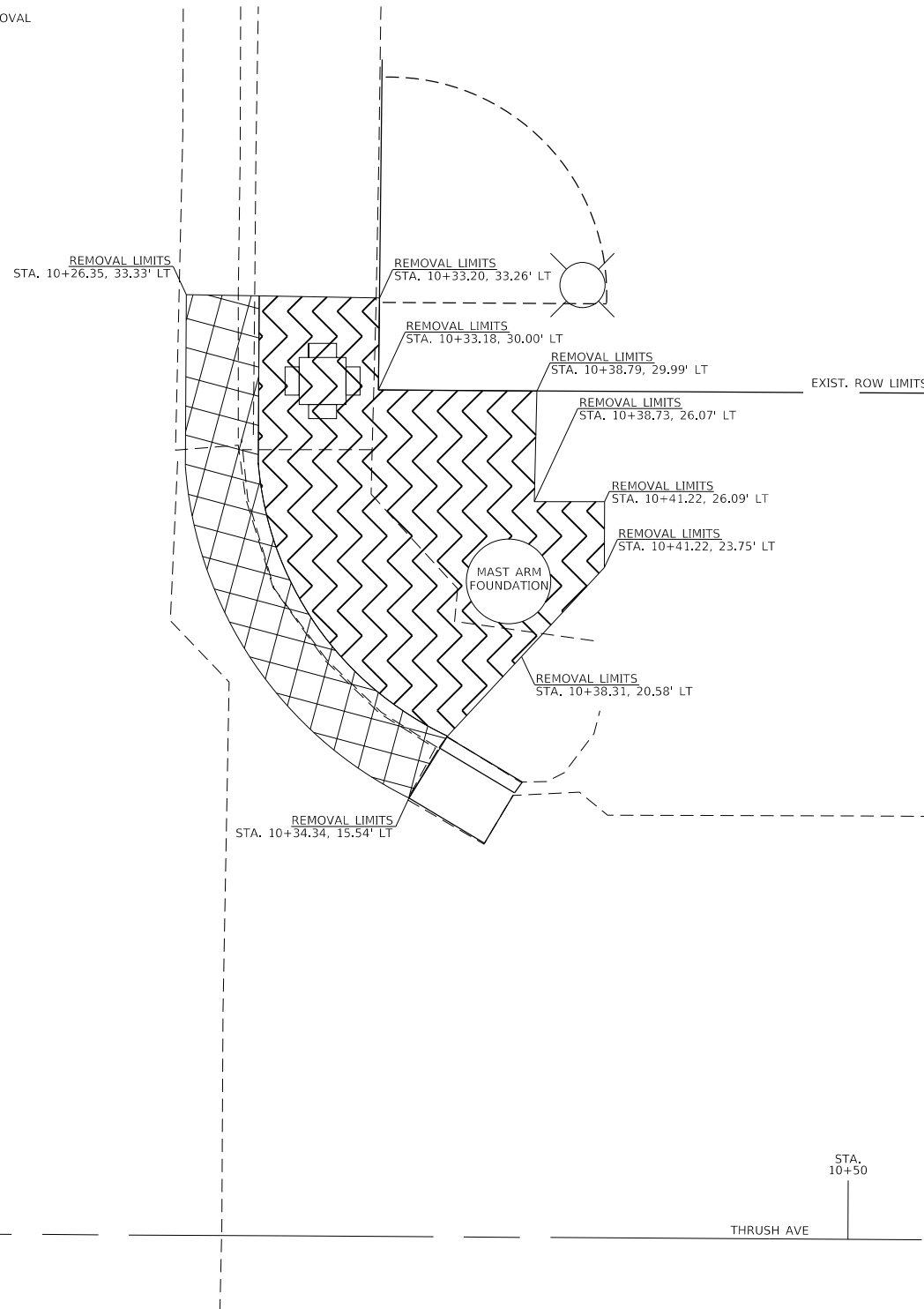
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**ADA CURB RAMP DETAILS
SOUTH RAMP - THRUSH AVE.**

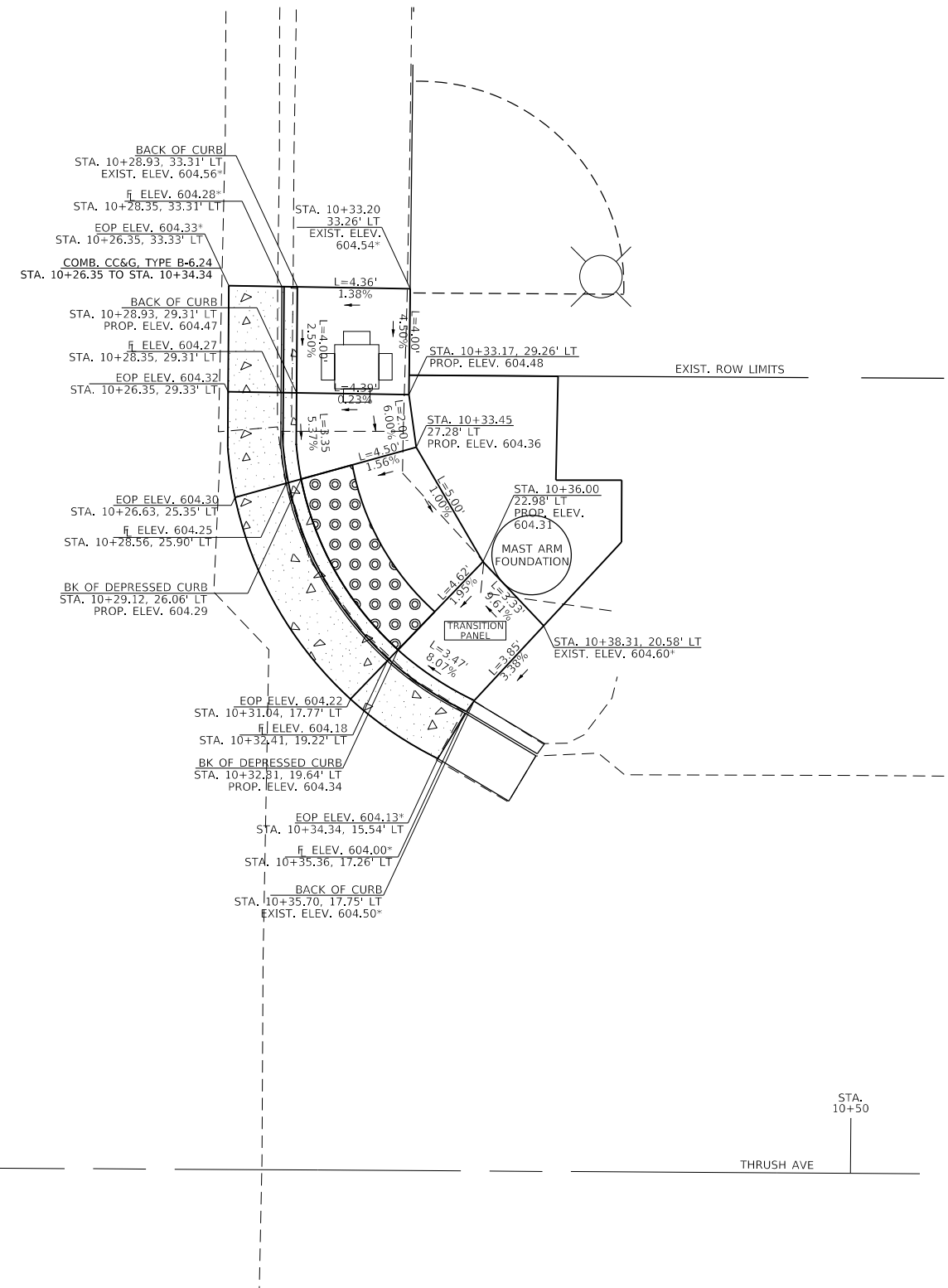
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	50
CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		

 SIDEWALK REMOVAL (SPECIAL)
= 111.3 SQ. FT.
 COMB. CC&G REMOVAL
= 18.8 FT.



 DETECTABLE WARNING SURFACES
= 14.0 SQ. FT.
 COMB. CC&G, TYPE B-6.24
= 18.8 FT.
 PCC SIDEWALK 4", SPECIAL
= 111.3 SQ. FT.
 * MATCH EXISTING ELEV.



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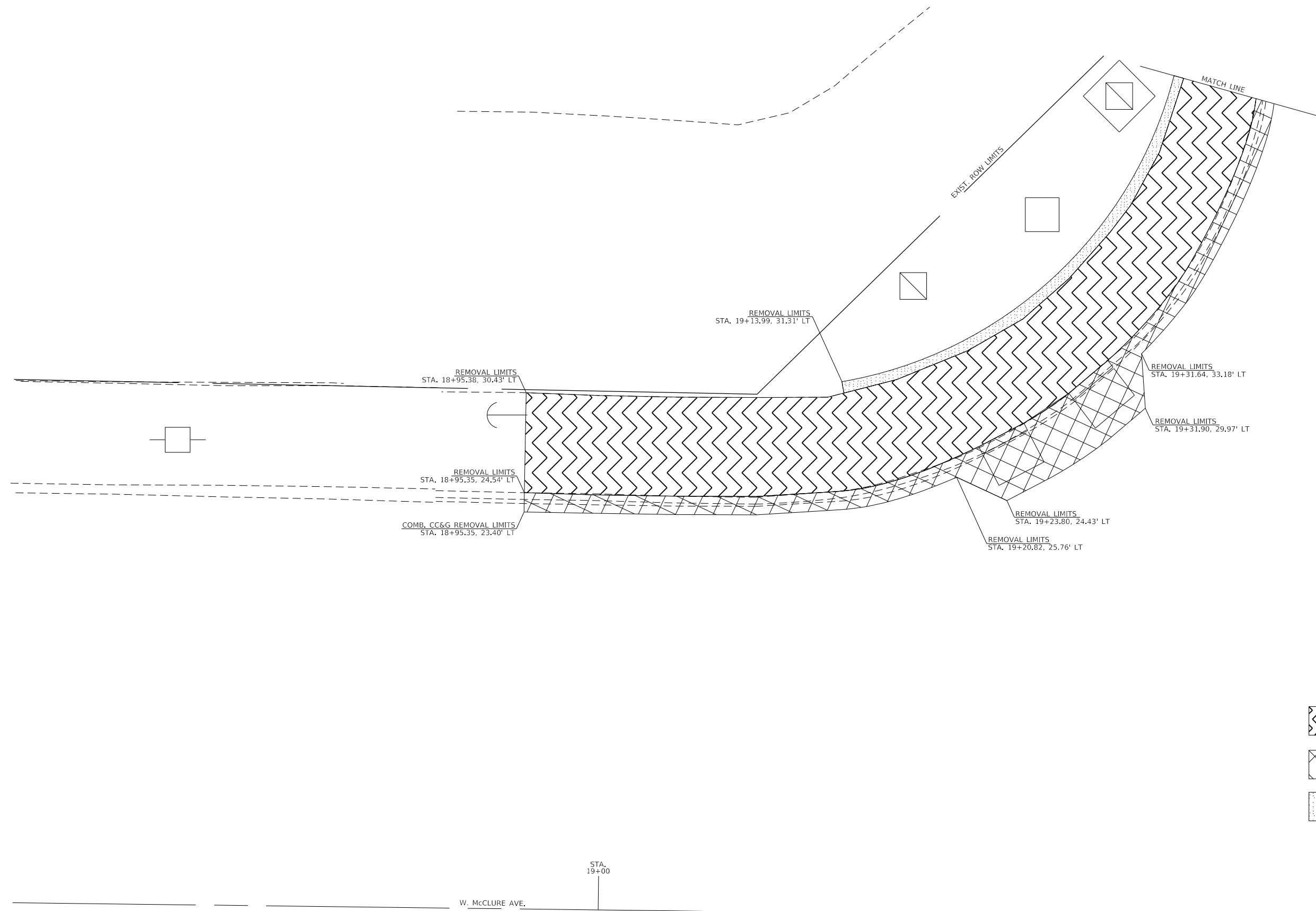
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PLOT DATE = 12/15/2017	DATE -	REVISED -




**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA CURB RAMP DETAILS	
NORTH RAMP - THRUSH AVE.	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	51
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

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-  SIDEWALK REMOVAL (SPECIAL)
= 276.0 SQ. FT.
-  COMB. CC&G REMOVAL
= 55.3 FT.
-  PAVEMENT REMOVAL
= 162.0 SQ. FT.
(TO BE PAID FOR AS
SIDEWALK REMOVAL (SPECIAL))




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PLOT DATE = 12/15/2017	DATE -	REVISED -





**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA CURB RAMP DETAILS
 NW RAMP (REMOVAL) - McCLURE INTERSECTION**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	53
CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		

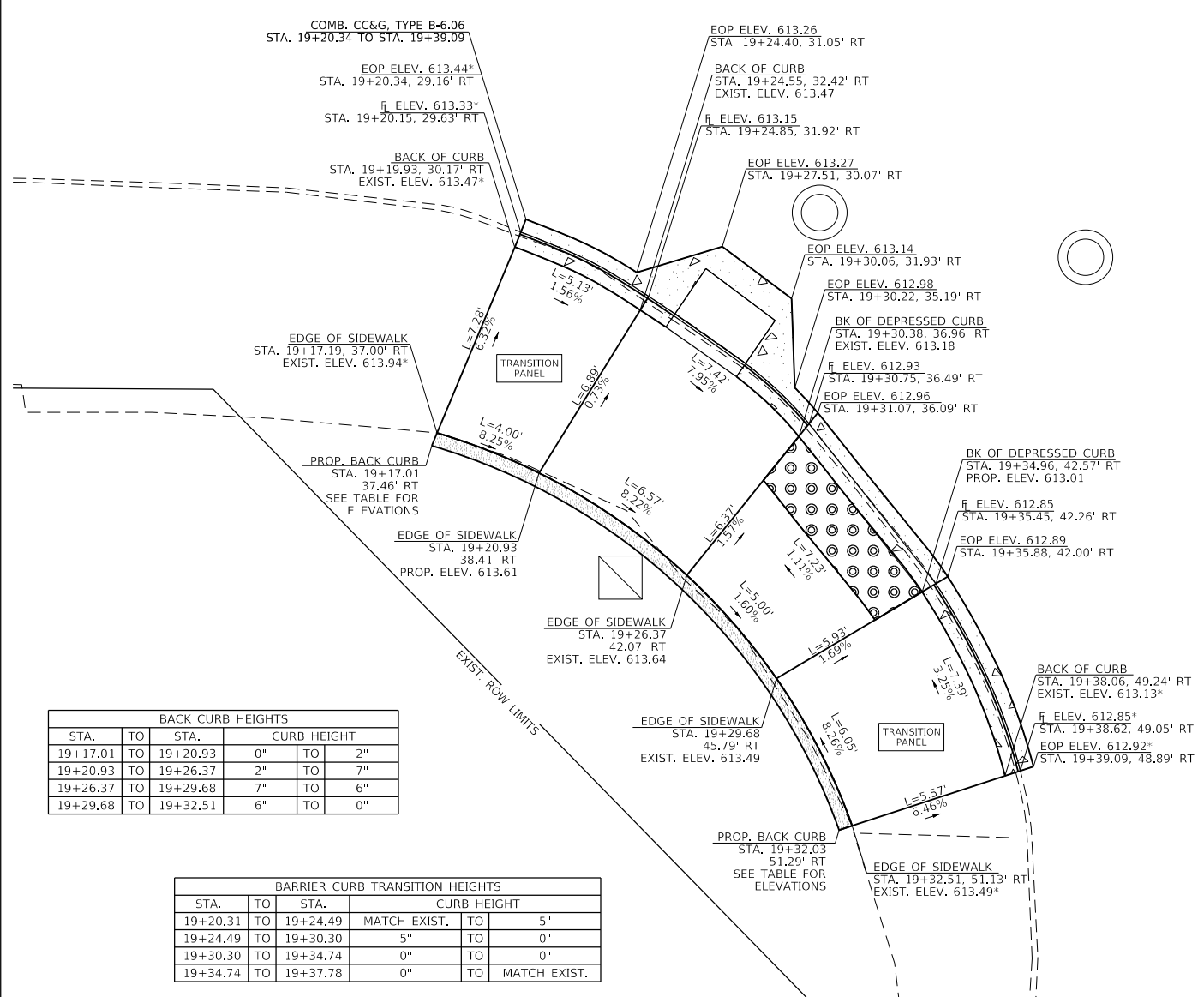
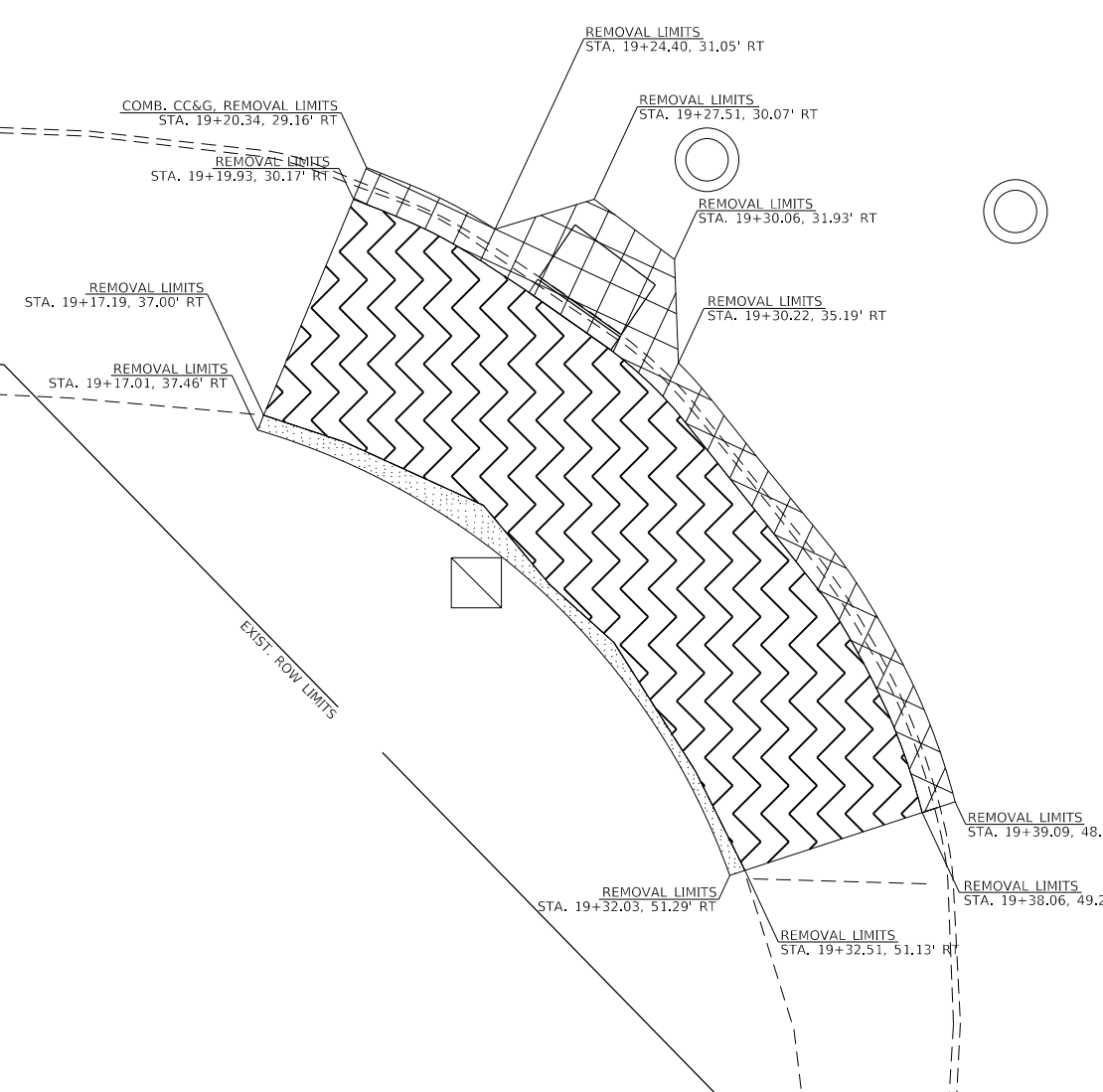
-  SIDEWALK REMOVAL (SPECIAL)
= 158.8 SQ. FT.
-  COMB. CC&G REMOVAL
= 27.7 FT.
-  PAVEMENT REMOVAL
= 10.5 SQ. YD.
(TO BE INCLUDED IN THE COST OF SIDEWALK REMOVAL (SPECIAL))

-  DETECTABLE WARNING SURFACES
= 13.8 SQ. FT.
TO BE PLACED PERPENDICULAR TO THE DIRECTION OF TRAVEL
-  BACK CURB
= 10.6 SQ. FT.
(TO BE PAID FOR AS PCC SIDEWALK 4", SPECIAL)
-  COMB. CC&G, TYPE B-6.06
= 24.7 FT.
-  PCC SIDEWALK 4", SPECIAL
= 158.5 SQ. FT.

* MATCH EXISTING ELEV.

INLET INFORMATION

INLET TYPE G-1 ADJUSTMENT TO BE PAID FOR AS INLETS TO BE ADJUSTED (SPECIAL) - SEE SPECIAL PROVISION AND "INLET DETAILS"
CONTROL POINT ELEV. = 613.15
f_i ELEV. = 613.03



BACK CURB HEIGHTS			
STA.	TO	STA.	CURB HEIGHT
19+17.01	TO	19+20.93	0" TO 2"
19+20.93	TO	19+26.37	2" TO 7"
19+26.37	TO	19+29.68	7" TO 6"
19+29.68	TO	19+32.51	6" TO 0"

BARRIER CURB TRANSITION HEIGHTS			
STA.	TO	STA.	CURB HEIGHT
19+20.31	TO	19+24.49	MATCH EXIST. TO 5"
19+24.49	TO	19+30.30	5" TO 0"
19+30.30	TO	19+34.74	0" TO 0"
19+34.74	TO	19+37.78	0" TO MATCH EXIST.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

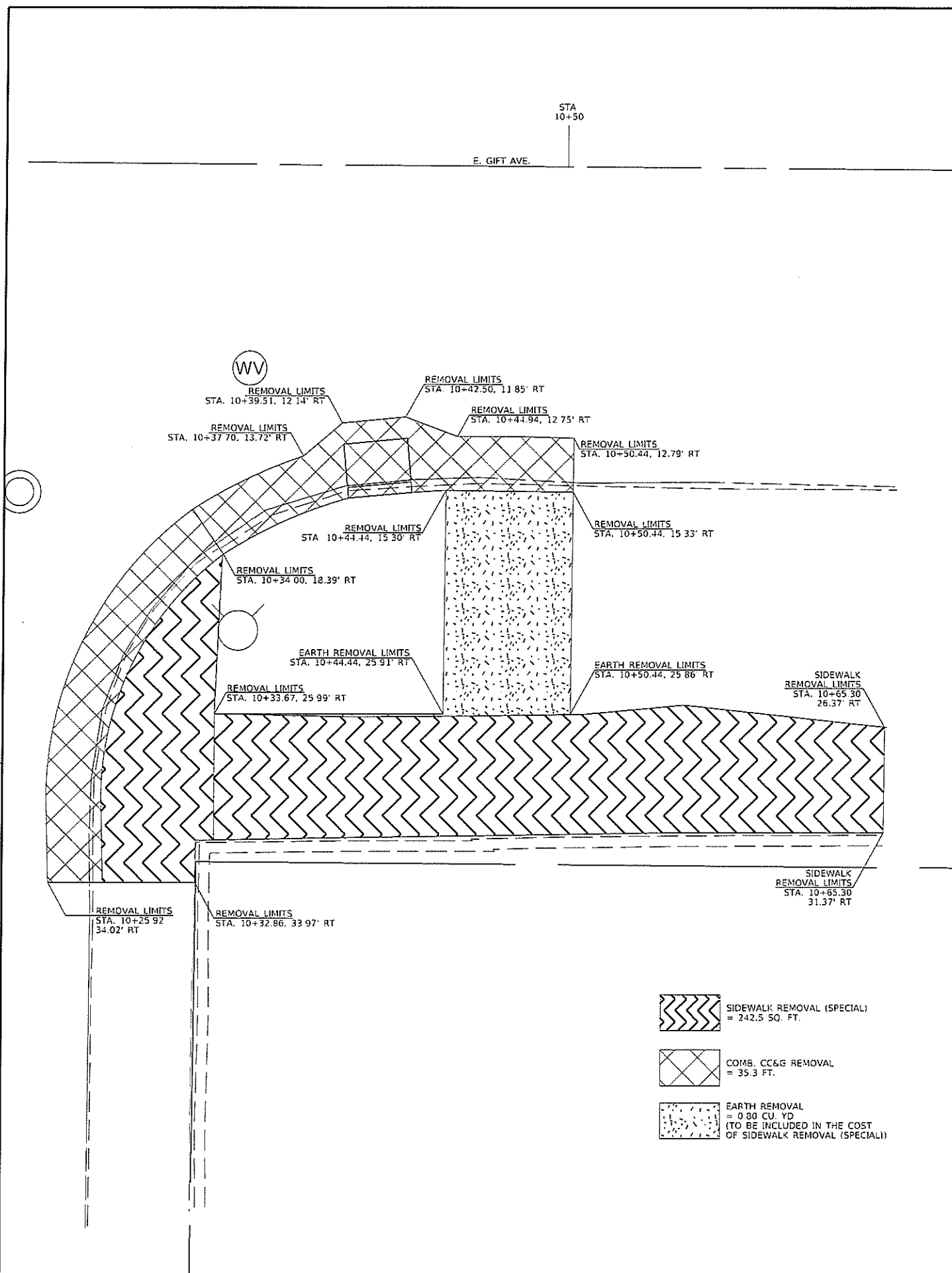
**ADA CURB RAMP DETAILS
SW RAMP - McCLURE INTERSECTION**

USER NAME = aubreygs	DESIGNED -	REVISED -
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PLOT DATE = 12/15/2017	CHECKED -	REVISED -
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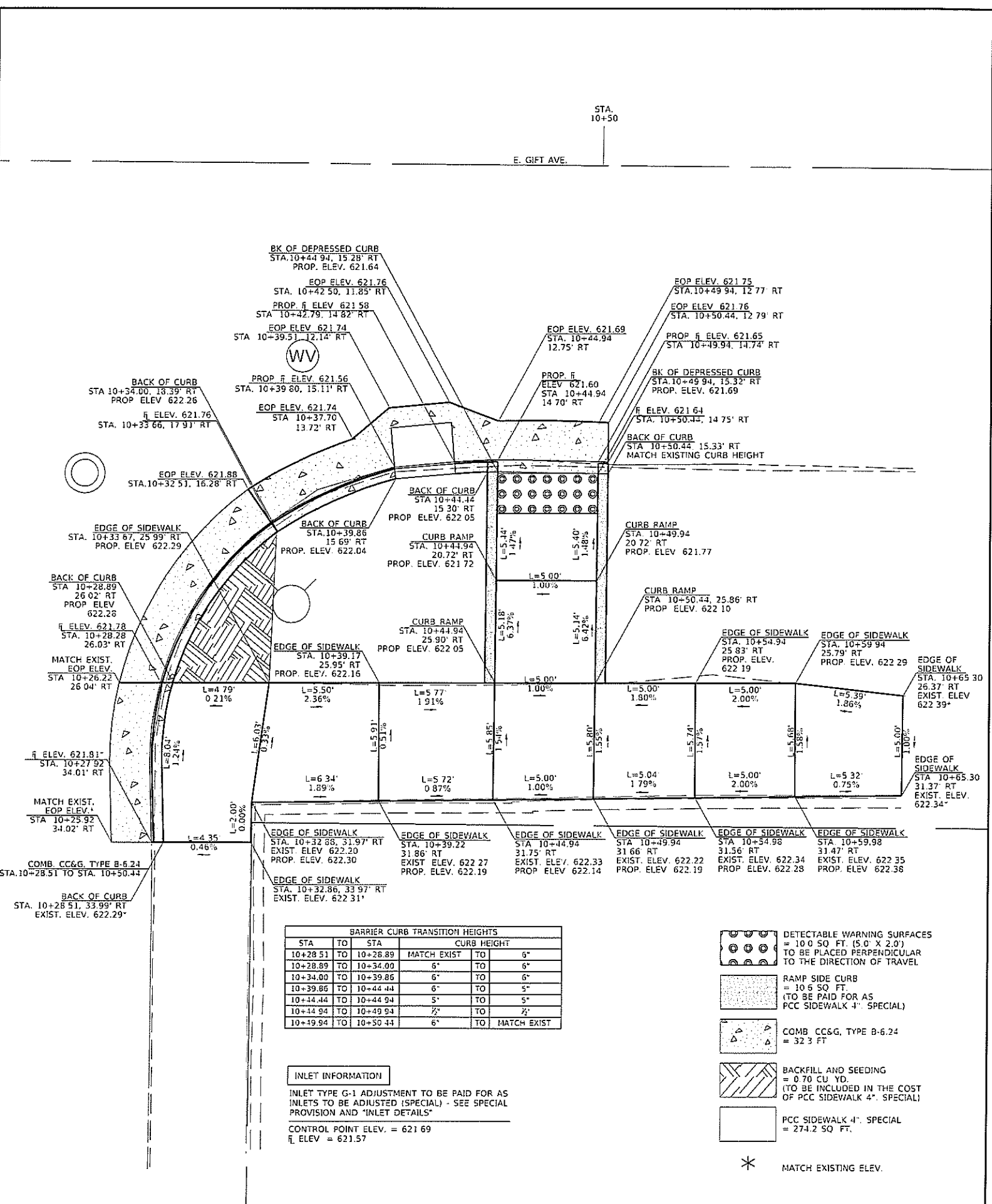
F.A.P. RTE. 646	SECTION (43-1-CS)RS-4	COUNTY PEORIA	TOTAL SHEETS 109	SHEET NO. 58
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

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MODEL: D:\p1\work\11111111\11111111.dwg
 USER: bergjckerae
 PLOT DATE: 12/15/2017
 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 12/15/2017



- SIDEWALK REMOVAL (SPECIAL)
= 242.5 SQ. FT.
- COMB. CC&G REMOVAL
= 35.3 FT.
- EARTH REMOVAL
= 0.80 CU. YD
(TO BE INCLUDED IN THE COST OF SIDEWALK REMOVAL (SPECIAL))



BARRIER CURB TRANSITION HEIGHTS			
STA	TO	STA	CURB HEIGHT
10+28.51	TO	10+28.89	MATCH EXIST
10+28.89	TO	10+34.00	6"
10+34.00	TO	10+39.86	6"
10+39.86	TO	10+44.44	6"
10+44.44	TO	10+49.94	5"
10+49.94	TO	10+50.44	5"
10+50.44	TO	10+59.94	TO MATCH EXIST

INLET INFORMATION

INLET TYPE G-1 ADJUSTMENT TO BE PAID FOR AS INLETS TO BE ADJUSTED (SPECIAL) - SEE SPECIAL PROVISION AND 'INLET DETAILS'

CONTROL POINT ELEV. = 621.69
 \bar{x} ELEV = 621.57

- DETECTABLE WARNING SURFACES
= 10.0 SQ. FT. (5' 0" X 2' 0")
TO BE PLACED PERPENDICULAR TO THE DIRECTION OF TRAVEL
 - RAMP SIDE CURB
= 10.6 SQ. FT.
(TO BE PAID FOR AS PCC SIDEWALK 4" SPECIAL)
 - COMB. CC&G, TYPE B-6.24
= 32.3 FT.
 - BACKFILL AND SEEDING
= 0.70 CU. YD.
(TO BE INCLUDED IN THE COST OF PCC SIDEWALK 4" SPECIAL)
 - PCC SIDEWALK 4" SPECIAL
= 274.2 SQ. FT.
- * MATCH EXISTING ELEV.

USER NAME = bergjckerae	DESIGNED -	REVISED -
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PLOT DATE = 12/15/2017	CHECKED -	REVISED -
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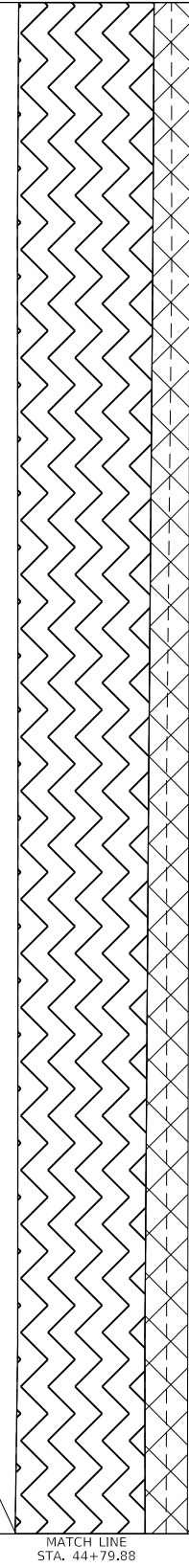
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



**ADA CURB RAMP DETAILS
SOUTH RAMP - E. GIFT AVE.**

SCALE: SHEET OF SHEETS STA TO STA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CSI)RS-4	PEORIA	109	59
CONTRACT NO. 6BD15				
ILLINOIS FED. AID PROJECT				

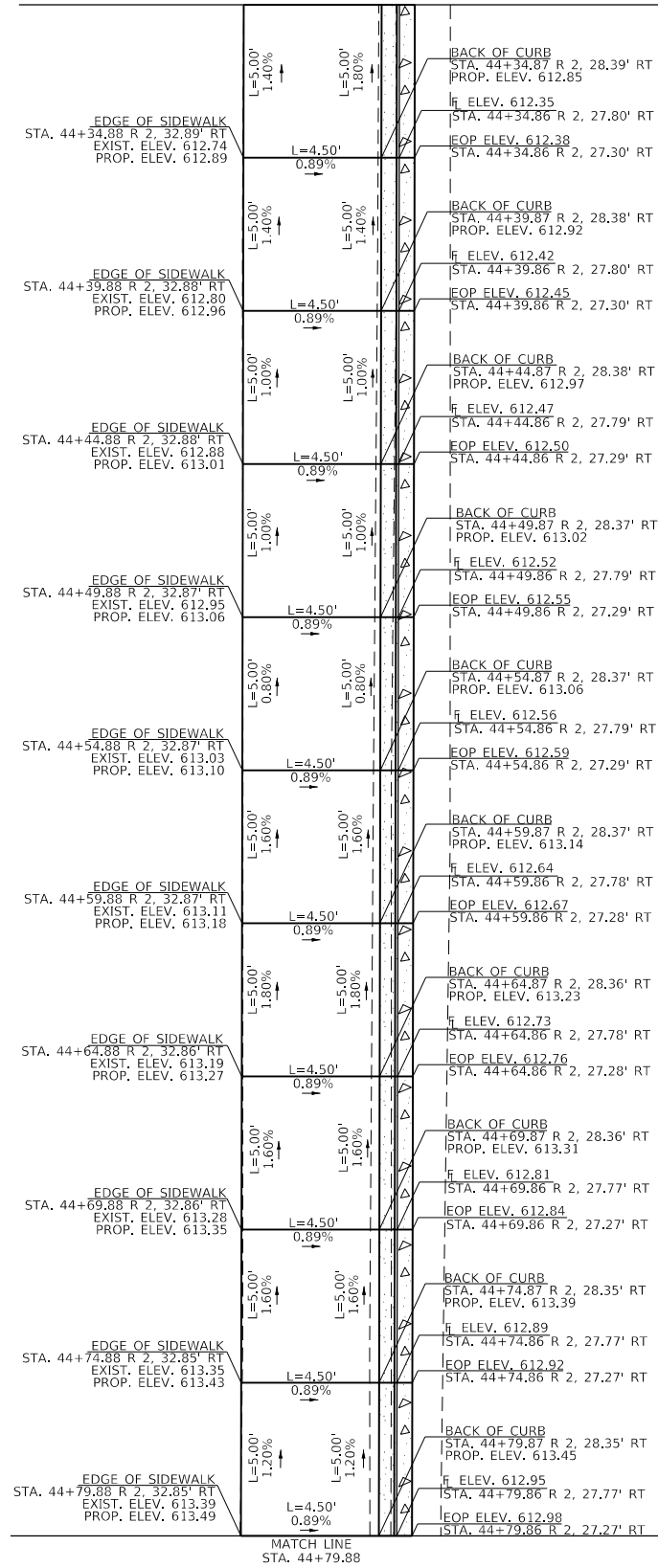
MATCH LINE
STA. 44+29.86






-  SIDEWALK REMOVAL
= 213.9 SQ. FT.
-  COMB. CC&G REMOVAL
= 50.0 FT.

KNOXVILLE AVE. (IL 40)
STA. 44+50

MATCH LINE
STA. 44+29.86



-  COMB. CC&G, TYPE B-6.18
= 50.0 FT.
-  PCC SIDEWALK, 4"
= 225.0 SQ. FT.
-  * MATCH EXISTING ELEV.

KNOXVILLE AVE. (IL 40)
STA. 44+50

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REMOVAL LIMITS
STA. 44+79.88 R 2, 32.87' RT

REMOVAL LIMITS
STA. 44+79.86 R 2, 27.27' RT

MATCH LINE
STA. 44+79.88

MATCH LINE
STA. 44+79.88

USER NAME = aubreys	DESIGNED -	REVISED -
PLOT SCALE = 6.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

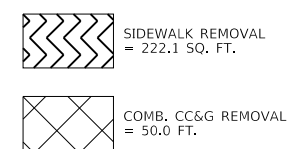
**SIDEWALK DETAILS
(STA. 43 + 79 TO STA. 45 + 35)**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE. 646	SECTION (43-1-CS)RS-4	COUNTY PEORIA	TOTAL SHEETS 109	SHEET NO. 63
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

REMOVAL LIMITS
STA. 47+10.85 R 2, 32.99' RT

REMOVAL LIMITS
STA. 47+10.83 R 2, 26.50' RT

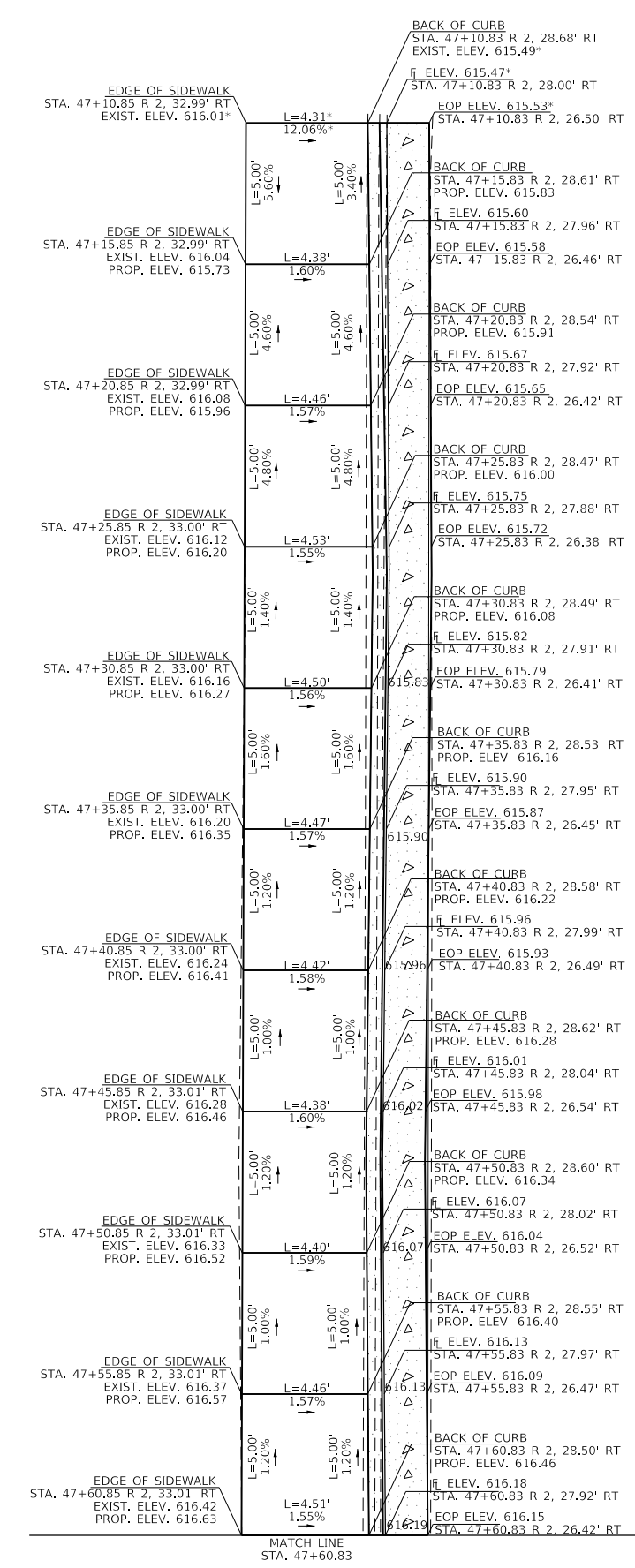
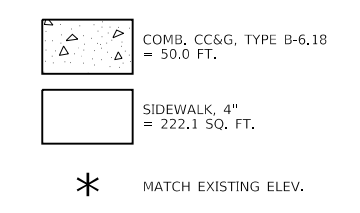


REMOVAL LIMITS
STA. 47+60.85 R 2, 33.01' RT

REMOVAL LIMITS
STA. 47+60.83 R 2, 26.42' RT

MATCH LINE
STA. 47+60.83

KNOXVILLE AVE. (IL 40)
STA. 47+50



KNOXVILLE AVE. (IL 40)
STA. 47+50

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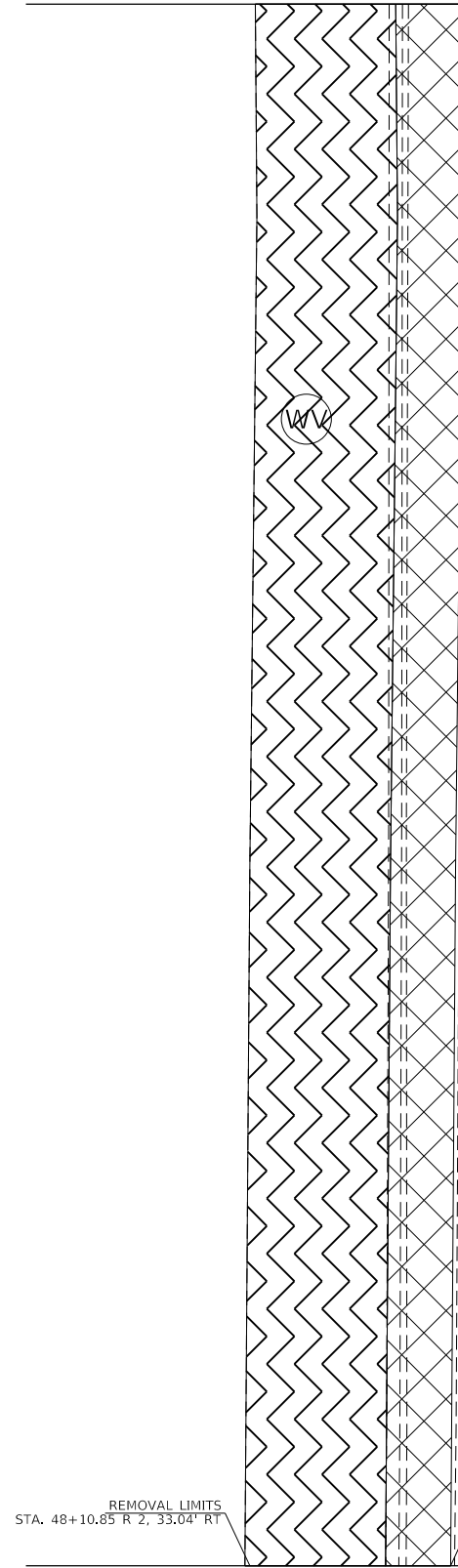
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PLOT DATE = 12/15/2017	DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAILS (STA 47+11 TO STA. 48+51)			
SCALE:	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	65
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

MATCH LINE
STA. 47+60.83



-  SIDEWALK REMOVAL
= 233.0 SQ. FT.
-  COMB. CC&G REMOVAL
= 50.0 FT.

REMOVAL LIMITS
STA. 48+10.85 R 2, 33.04' RT

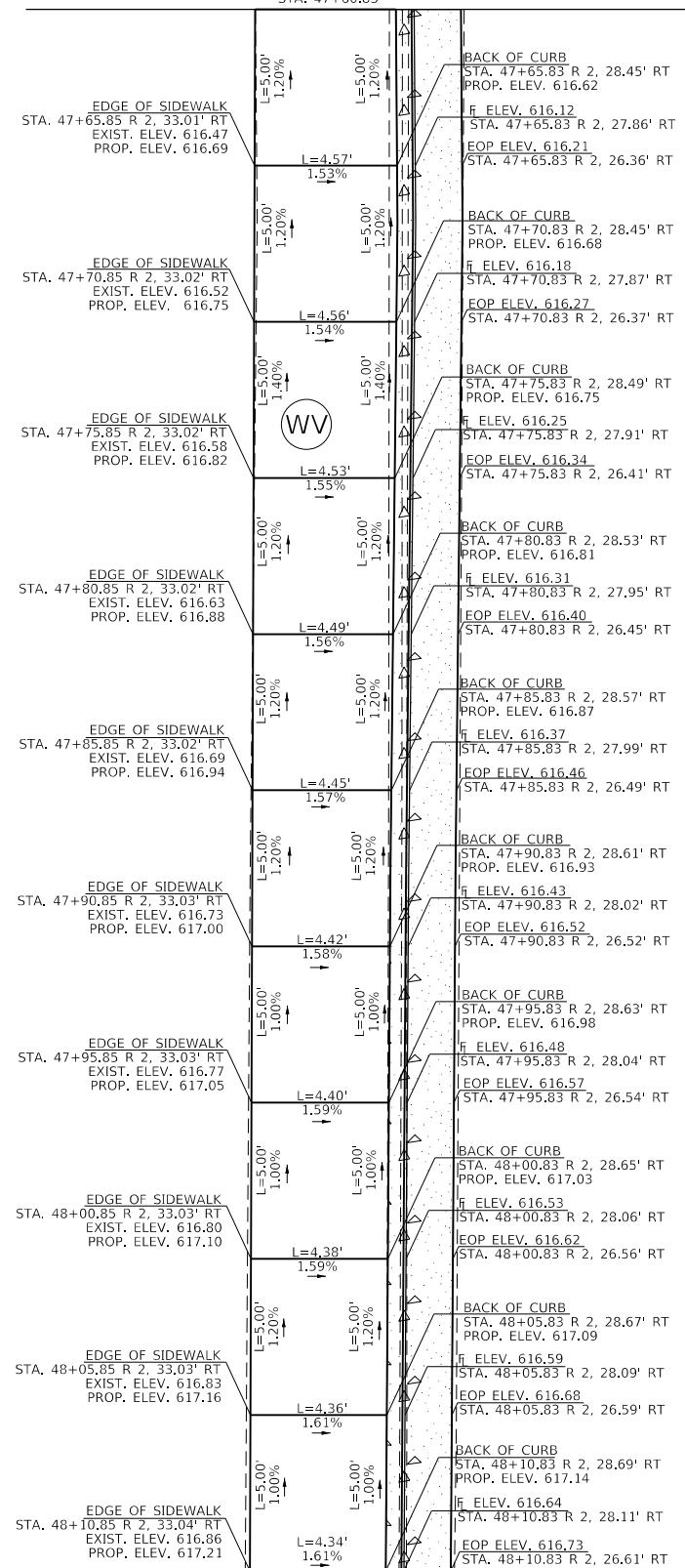
REMOVAL LIMITS
STA. 48+10.83 R 2, 26.61' RT




MATCH LINE
STA. 48+10.83

KNOXVILLE AVE. (IL 40)

STA. 48+00

MATCH LINE
STA. 47+60.83



-  COMB. CC&G, TYPE B-6.18
= 50.0 FT.
-  SIDEWALK, 4"
= 223.0 SQ. FT.
-  * MATCH EXISTING ELEV.

KNOXVILLE AVE. (IL 40)

STA. 48+00

MATCH LINE
STA. 48+10.83

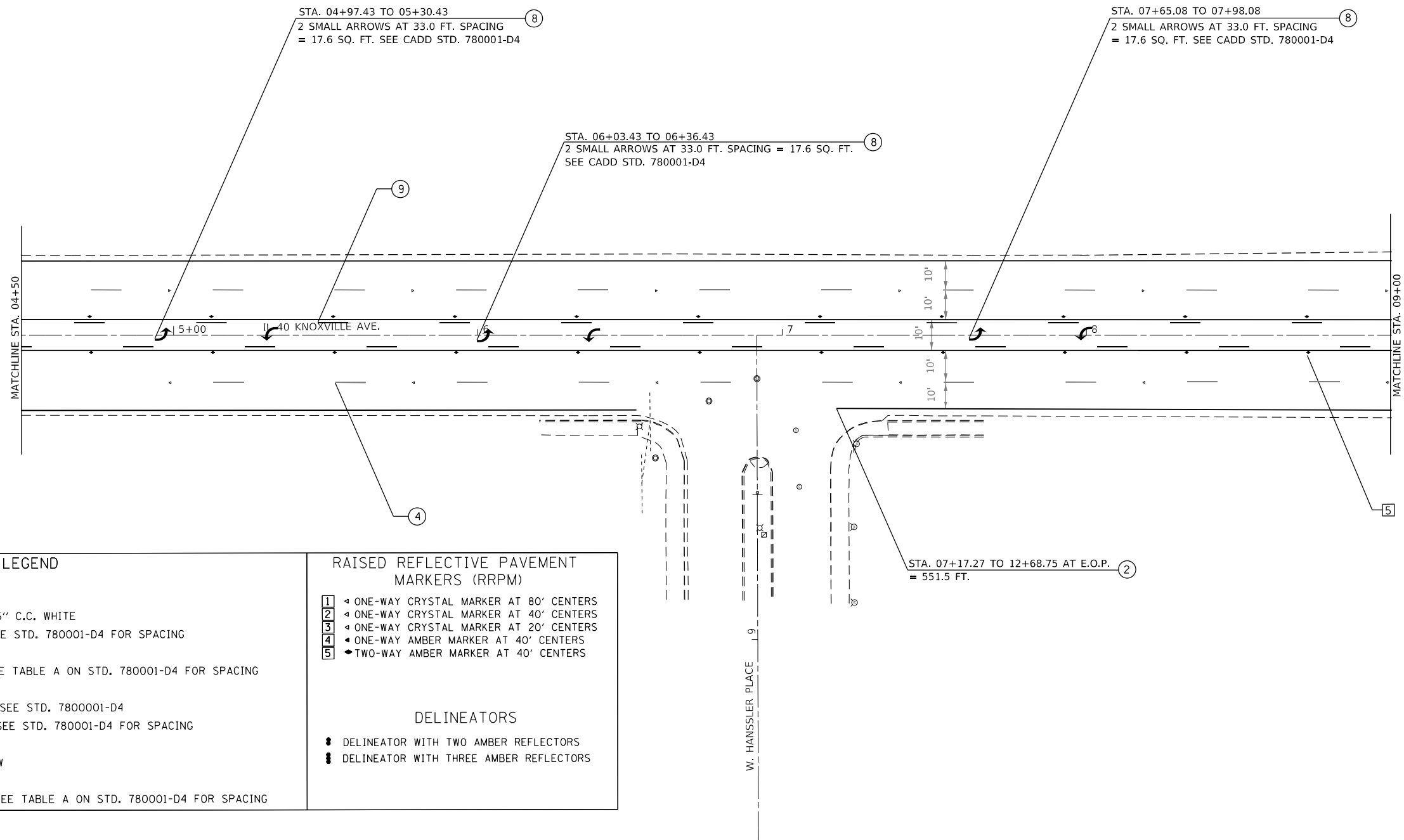
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PLOT DATE = 12/15/2017	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAILS (STA 47+11 TO STA. 48+51)			
SCALE:	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	66
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

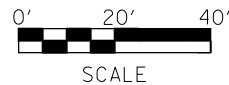
- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE- SEE STD. 780001-D4 FOR SPACING
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 780001-D4
- ⑨ 4" SKIP DASH YELLOW- SEE STD. 780001-D4 FOR SPACING
- ⑩ 24" SOLID WHITE
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

- ① ◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ◆ TWO-WAY AMBER MARKER AT 40' CENTERS

DELINEATORS

- ◆ DELINEATOR WITH TWO AMBER REFLECTORS
- ◆ DELINEATOR WITH THREE AMBER REFLECTORS



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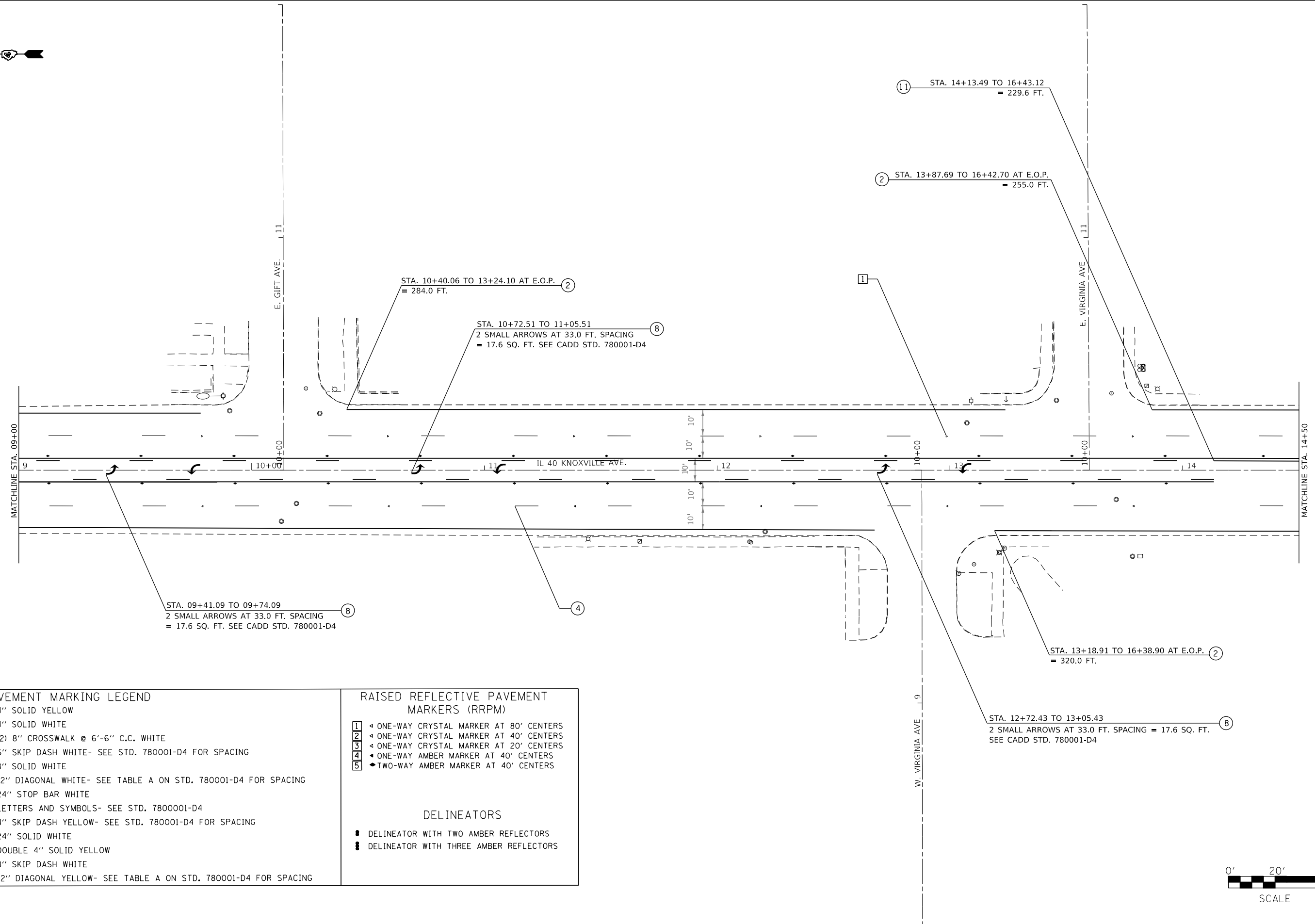
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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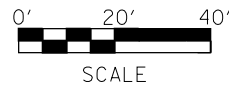
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646	(43-1-C5)RS-4	PEORIA	109	70
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
①	4" SOLID YELLOW
②	4" SOLID WHITE
③	(2) 8" CROSSWALK @ 6'-6" C.C. WHITE
④	6" SKIP DASH WHITE- SEE STD. 780001-D4 FOR SPACING
⑤	8" SOLID WHITE
⑥	12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
⑦	24" STOP BAR WHITE
⑧	LETTERS AND SYMBOLS- SEE STD. 7800001-D4
⑨	4" SKIP DASH YELLOW- SEE STD. 780001-D4 FOR SPACING
⑩	24" SOLID WHITE
⑪	DOUBLE 4" SOLID YELLOW
⑫	8" SKIP DASH WHITE
⑬	12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
①	◄ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
②	◄ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
③	◄ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
④	◄ ONE-WAY AMBER MARKER AT 40' CENTERS
⑤	◆ TWO-WAY AMBER MARKER AT 40' CENTERS

DELINEATORS	
■	DELINEATOR WITH TWO AMBER REFLECTORS
■	DELINEATOR WITH THREE AMBER REFLECTORS



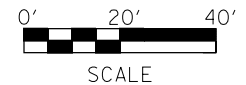
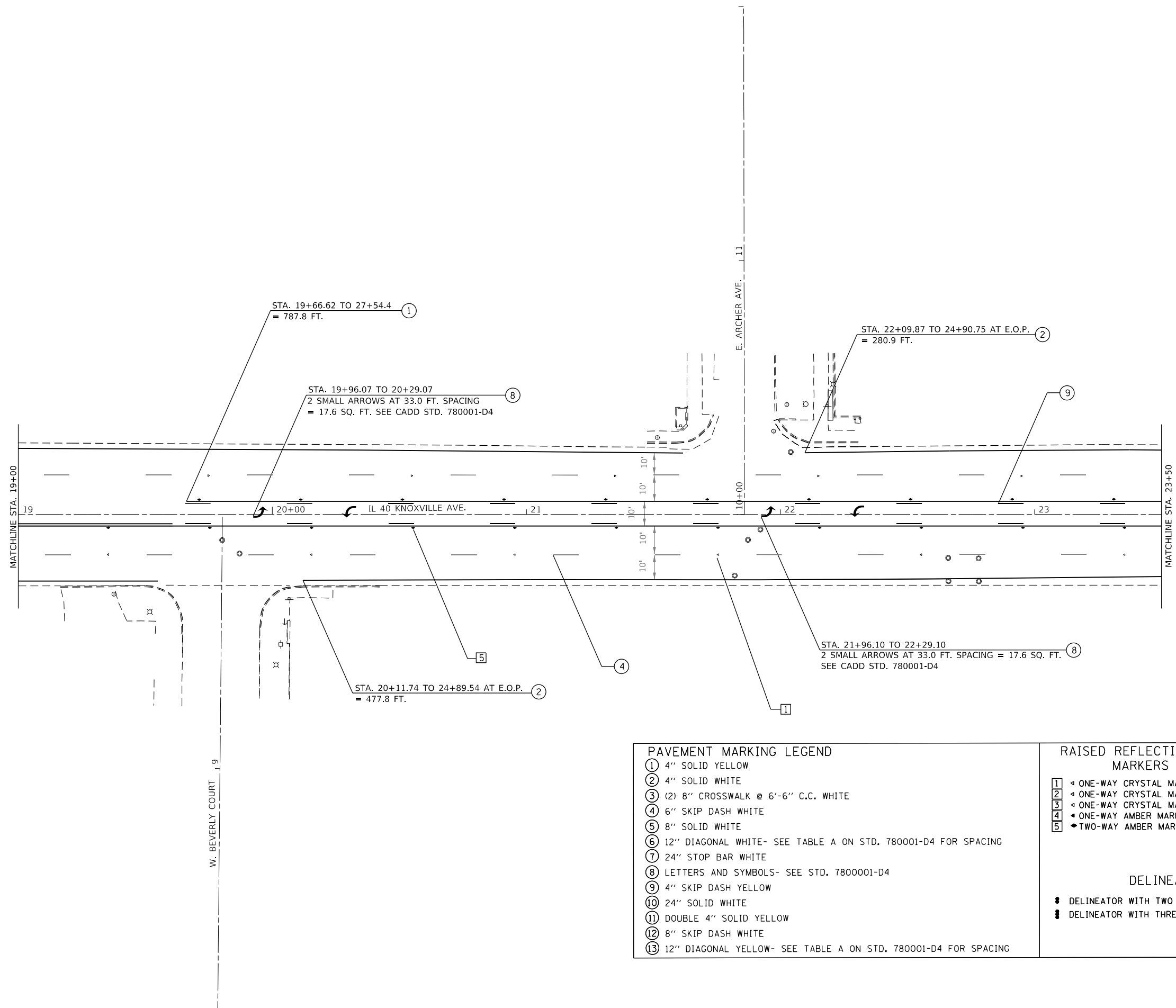
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PLOT DATE = 12/15/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	71
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
①	4" SOLID YELLOW
②	4" SOLID WHITE
③	(2) 8" CROSSWALK @ 6'-6" C.C. WHITE
④	6" SKIP DASH WHITE
⑤	8" SOLID WHITE
⑥	12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
⑦	24" STOP BAR WHITE
⑧	LETTERS AND SYMBOLS- SEE STD. 7800001-D4
⑨	4" SKIP DASH YELLOW
⑩	24" SOLID WHITE
⑪	DOUBLE 4" SOLID YELLOW
⑫	8" SKIP DASH WHITE
⑬	12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
①	◄ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
②	◄ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
③	◄ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
④	◆ ONE-WAY AMBER MARKER AT 40' CENTERS
⑤	◆ TWO-WAY AMBER MARKER AT 40' CENTERS

DELINEATORS	
●	DELINEATOR WITH TWO AMBER REFLECTORS
■	DELINEATOR WITH THREE AMBER REFLECTORS

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PLOT DATE = 12/15/2017	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)R5-4	PEORIA	109	73
CONTRACT NO. 68D15				
		ILLINOIS	FED. AID PROJECT	



- PAVEMENT MARKING LEGEND**
- ① 4" SOLID YELLOW
 - ② 4" SOLID WHITE
 - ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
 - ④ 6" SKIP DASH WHITE
 - ⑤ 8" SOLID WHITE
 - ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
 - ⑦ 24" STOP BAR WHITE
 - ⑧ LETTERS AND SYMBOLS- SEE STD. 780001-D4
 - ⑨ 4" SKIP DASH YELLOW
 - ⑩ 24" SOLID WHITE
 - ⑪ DOUBLE 4" SOLID YELLOW
 - ⑫ 8" SKIP DASH WHITE
 - ⑬ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING

- RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**
- ① ◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
 - ② ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
 - ③ ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
 - ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS
 - ⑤ ▶ TWO-WAY AMBER MARKER AT 40' CENTERS

- DELINEATORS**
- DELINEATOR WITH TWO AMBER REFLECTORS
 - DELINEATOR WITH THREE AMBER REFLECTORS

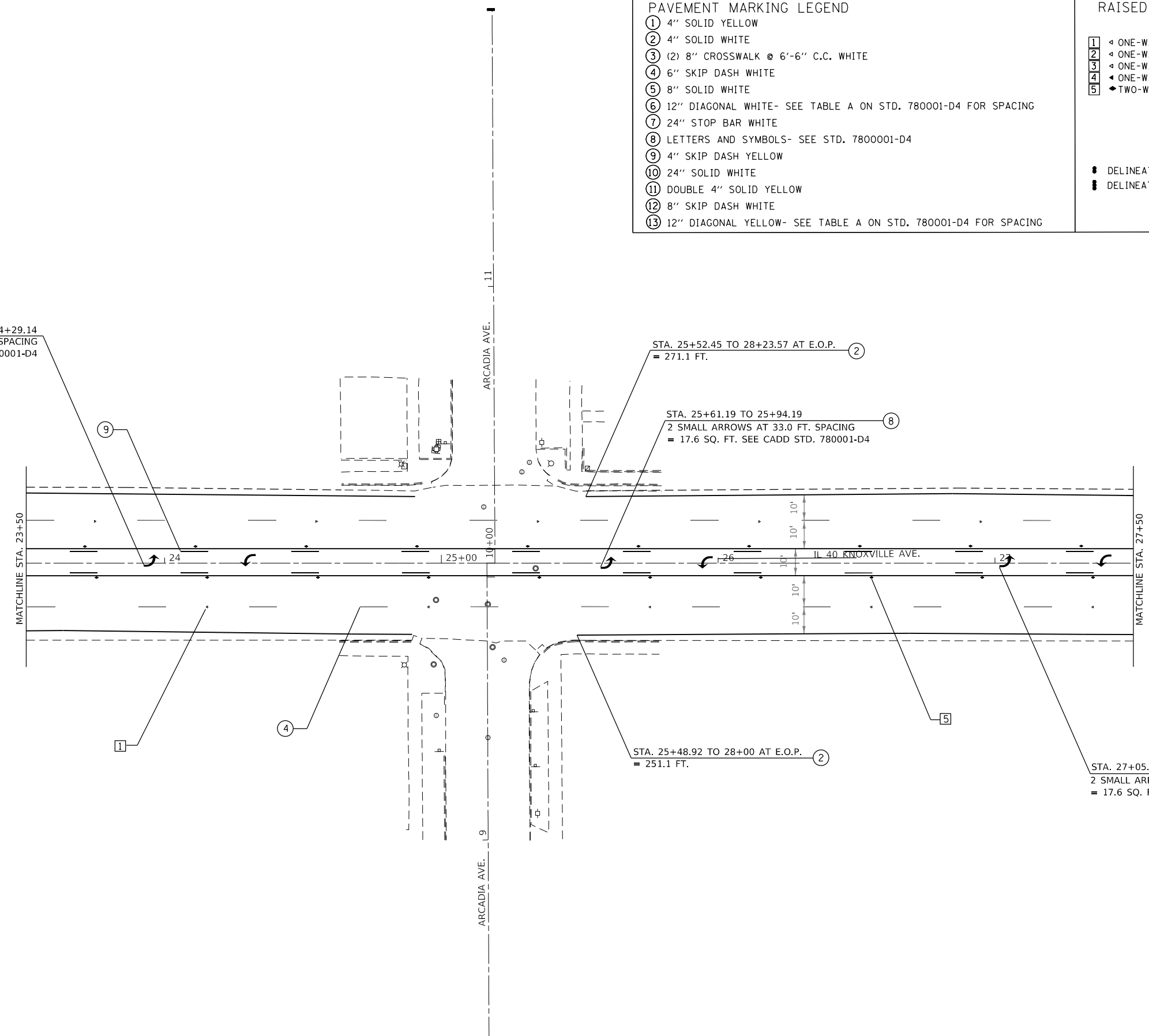
⑧ STA. 23+96.14 TO 24+29.14
2 SMALL ARROWS AT 33.0 FT. SPACING
= 17.6 SQ. FT. SEE CADD STD. 780001-D4

② STA. 25+52.45 TO 28+23.57 AT E.O.P.
= 271.1 FT.

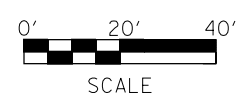
⑧ STA. 25+61.19 TO 25+94.19
2 SMALL ARROWS AT 33.0 FT. SPACING
= 17.6 SQ. FT. SEE CADD STD. 780001-D4

② STA. 25+48.92 TO 28+00 AT E.O.P.
= 251.1 FT.

⑧ STA. 27+05.36 TO 27+37.36
2 SMALL ARROWS AT 33.0 FT. SPACING
= 17.6 SQ. FT. SEE CADD STD. 780001-D4



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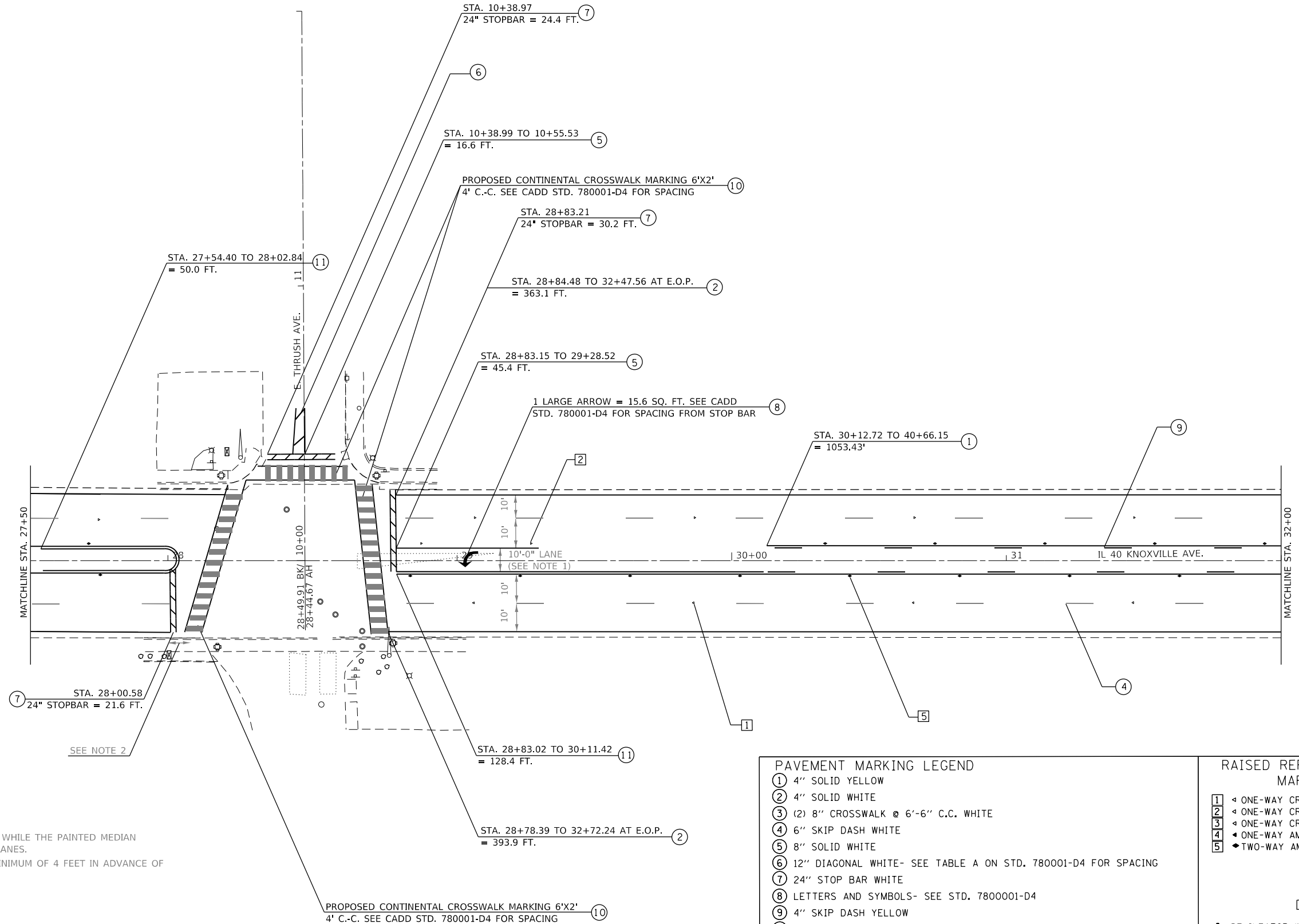


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PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	74
CONTRACT NO. 68D15				
		ILLINOIS	FED. AID PROJECT	



NOTES:
 1. 10'-0" LANES SHALL BE MAINTAINED, WHILE THE PAINTED MEDIAN WIDTHS MAY VARY TO ACHIEVE 10'-0" LANES.
 2. STOP LINES SHOULD BE PLACED A MINIMUM OF 4 FEET IN ADVANCE OF NEAREST CROSSWALK LINE.



PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
①	4" SOLID YELLOW	①	◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
②	4" SOLID WHITE	②	◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
③	(2) 8" CROSSWALK @ 6'-6" C.C. WHITE	③	◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
④	6" SKIP DASH WHITE	④	◀ ONE-WAY AMBER MARKER AT 40' CENTERS
⑤	8" SOLID WHITE	⑤	◀ TWO-WAY AMBER MARKER AT 40' CENTERS
⑥	12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING	DELINEATORS ■ DELINEATOR WITH TWO AMBER REFLECTORS ■ DELINEATOR WITH THREE AMBER REFLECTORS	
⑦	24" STOP BAR WHITE		
⑧	LETTERS AND SYMBOLS- SEE STD. 7800001-D4		
⑨	4" SKIP DASH YELLOW		
⑩	24" SOLID WHITE		
⑪	DOUBLE 4" SOLID YELLOW		
⑫	8" SKIP DASH WHITE		
⑬	12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING		

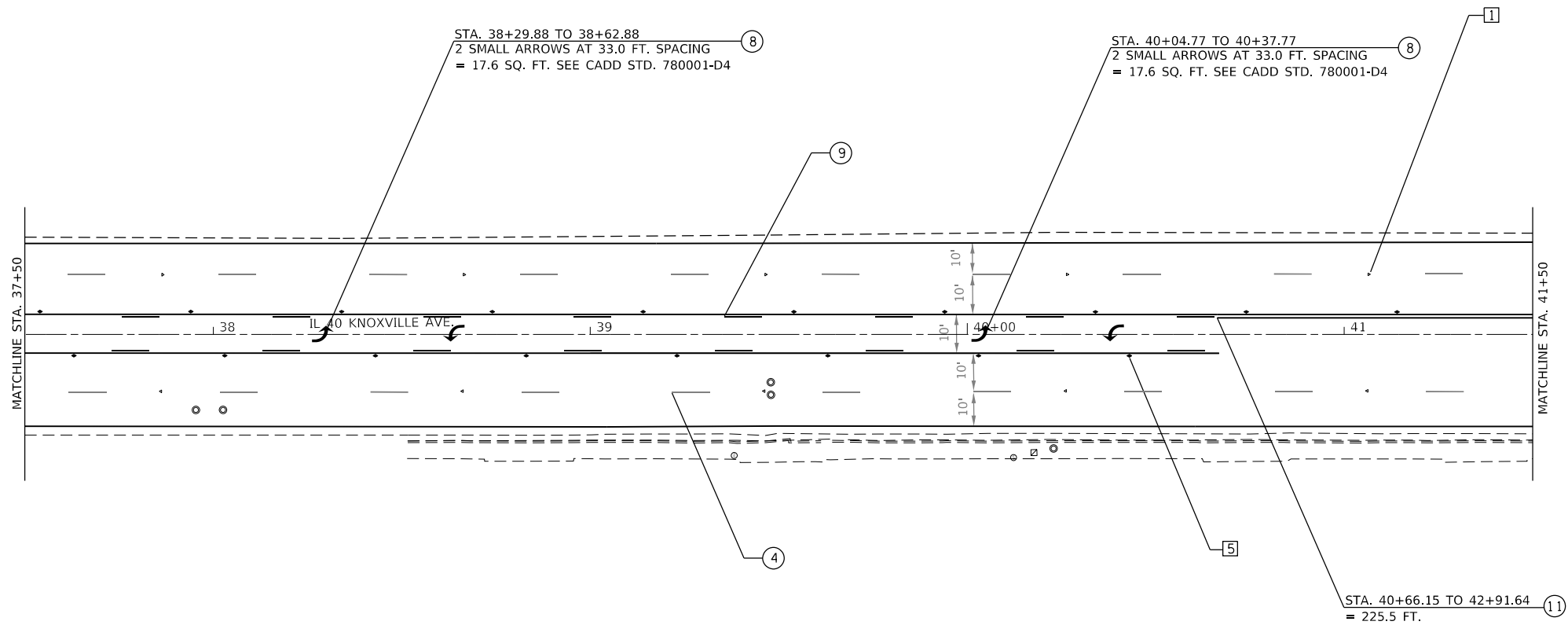
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET OF SHEETS		STA. TO STA.	

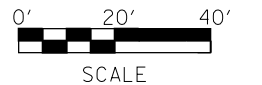
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646	(43-1-C5)RS-4	PEORIA	109	75
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
①	4" SOLID YELLOW
②	4" SOLID WHITE
③	(2) 8" CROSSWALK @ 6'-6" C.C. WHITE
④	6" SKIP DASH WHITE
⑤	8" SOLID WHITE
⑥	12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
⑦	24" STOP BAR WHITE
⑧	LETTERS AND SYMBOLS- SEE STD. 7800001-D4
⑨	4" SKIP DASH YELLOW
⑩	24" SOLID WHITE
⑪	DOUBLE 4" SOLID YELLOW
⑫	8" SKIP DASH WHITE
⑬	12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
①	◄ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
②	◄ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
③	◄ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
④	◄ ONE-WAY AMBER MARKER AT 40' CENTERS
⑤	◆ TWO-WAY AMBER MARKER AT 40' CENTERS

DELINEATORS	
●	DELINEATOR WITH TWO AMBER REFLECTORS
■	DELINEATOR WITH THREE AMBER REFLECTORS



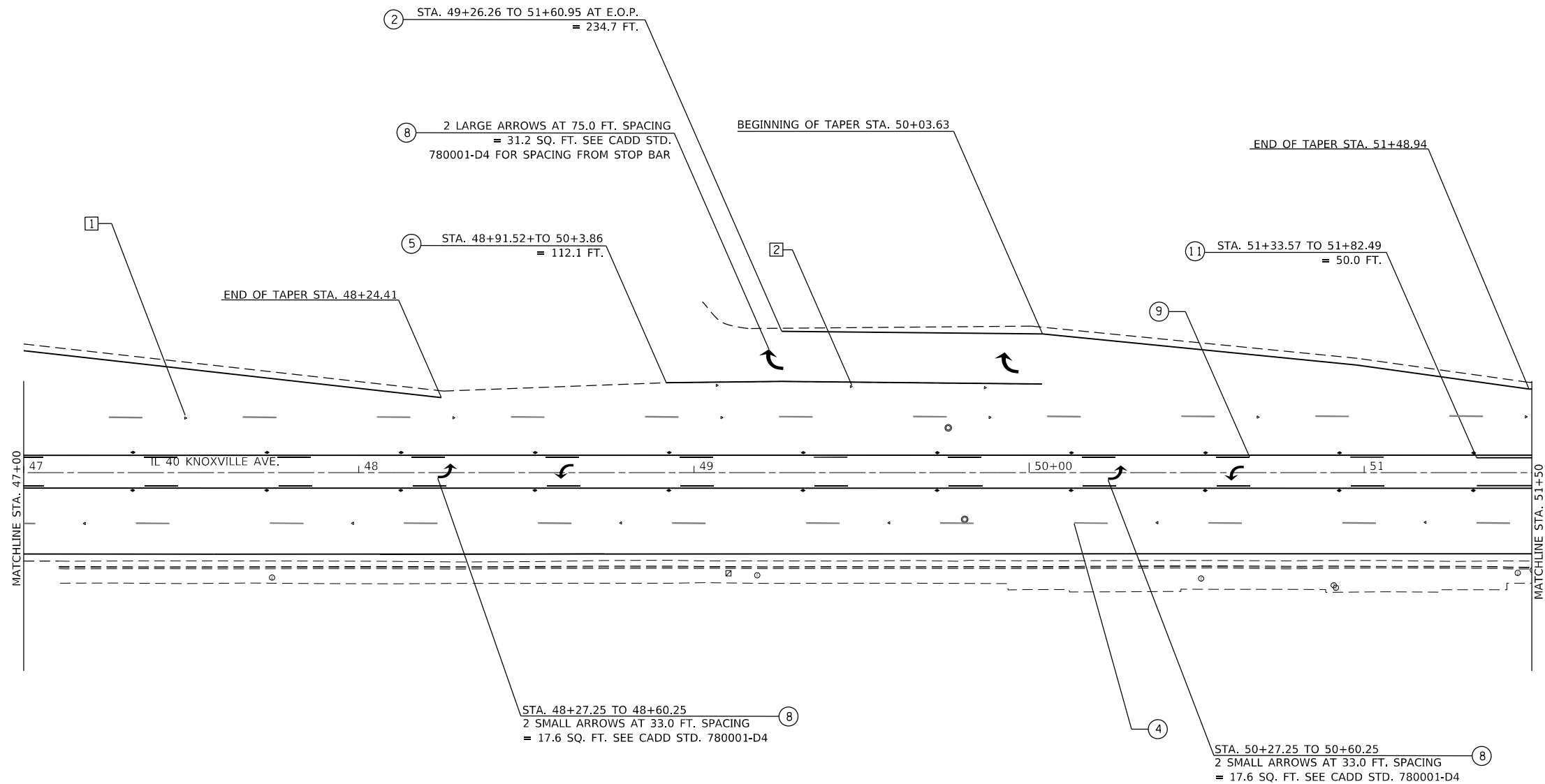
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

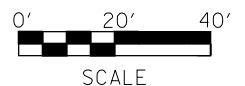
- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 7800001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 24" SOLID WHITE
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

- ① ◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ▶ TWO-WAY AMBER MARKER AT 40' CENTERS

DELINEATORS

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS



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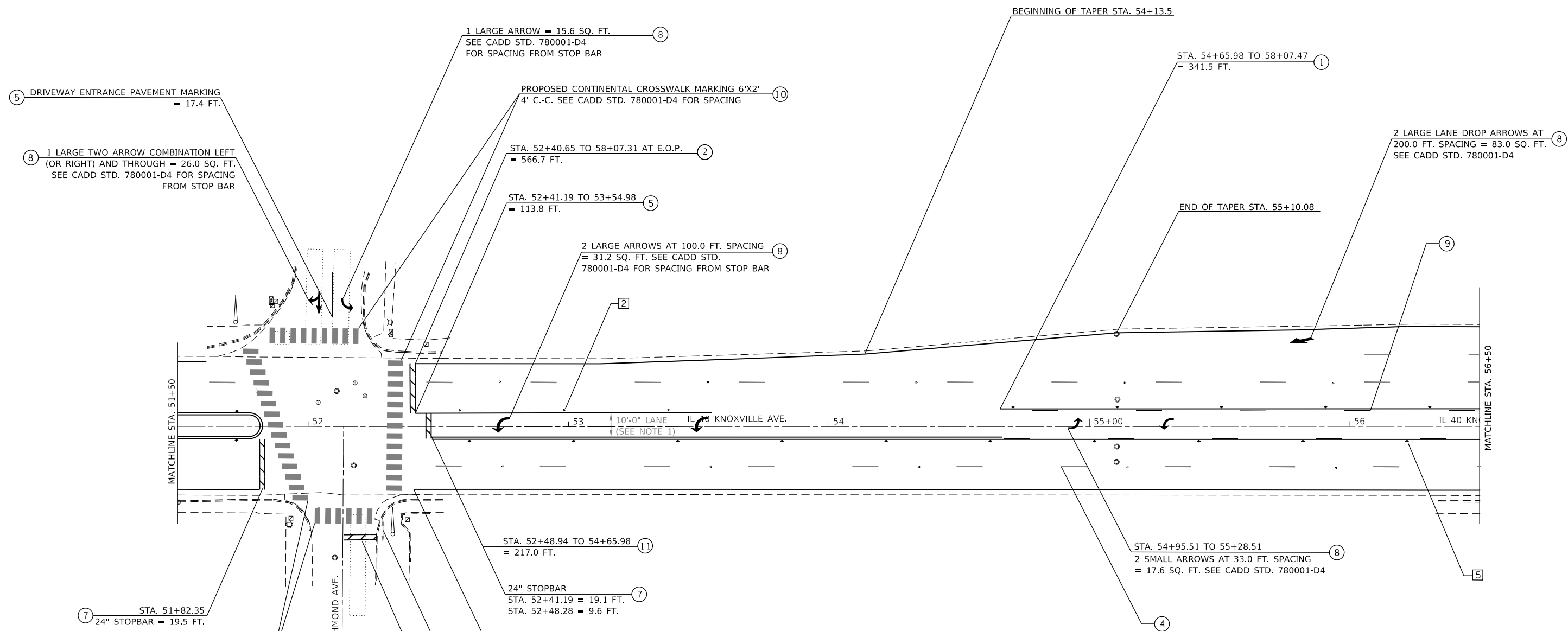
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PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)RS-4	PEORIA	109	79
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



5 DRIVEWAY ENTRANCE PAVEMENT MARKING = 17.4 FT.

8 1 LARGE TWO ARROW COMBINATION LEFT (OR RIGHT) AND THROUGH = 26.0 SQ. FT. SEE CADD STD. 780001-D4 FOR SPACING FROM STOP BAR

1 LARGE ARROW = 15.6 SQ. FT. SEE CADD STD. 780001-D4 FOR SPACING FROM STOP BAR

PROPOSED CONTINENTAL CROSSWALK MARKING 6'X2' 4' C.-C. SEE CADD STD. 780001-D4 FOR SPACING

STA. 52+40.65 TO 58+07.31 AT E.O.P. = 566.7 FT.

STA. 52+41.19 TO 53+54.98 = 113.8 FT.

2 LARGE ARROWS AT 100.0 FT. SPACING = 31.2 SQ. FT. SEE CADD STD. 780001-D4 FOR SPACING FROM STOP BAR

BEGINNING OF TAPER STA. 54+13.5

STA. 54+65.98 TO 58+07.47 = 341.5 FT.

2 LARGE LANE DROP ARROWS AT 200.0 FT. SPACING = 83.0 SQ. FT. SEE CADD STD. 780001-D4

END OF TAPER STA. 55+10.08

MATCHLINE STA. 51+50

MATCHLINE STA. 56+50

10'-0" LANE (SEE NOTE 1)

7 STA. 51+82.35 24" STOPBAR = 19.5 FT.

STA. 52+48.94 TO 54+65.98 = 217.0 FT.

24" STOPBAR STA. 52+41.19 = 19.1 FT. STA. 52+48.28 = 9.6 FT.

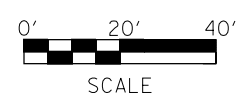
10 PROPOSED CONTINENTAL CROSSWALK MARKING 6'X2' 4' C.-C. SEE CADD STD. 780001-D4 FOR SPACING

STA. 52+40.53 TO 61+29.22 AT E.O.P. = 888.7 FT.

SEE NOTE 2

7 STA. 09+57.38 24" STOPBAR = 12.4 FT.

8 STA. 54+95.51 TO 55+28.51 2 SMALL ARROWS AT 33.0 FT. SPACING = 17.6 SQ. FT. SEE CADD STD. 780001-D4



NOTES:
 1. 10'-0" LANES SHALL BE MAINTAINED, WHILE THE PAINTED MEDIAN WIDTHS MAY VARY TO ACHIEVE 10'-0" LANES.
 2. STOP LINES SHOULD BE PLACED A MINIMUM OF 4 FEET IN ADVANCE OF NEAREST CROSSWALK LINE.

PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
1	4" SOLID YELLOW	1	ONE-WAY CRYSTAL MARKER AT 80' CENTERS
2	4" SOLID WHITE	2	ONE-WAY CRYSTAL MARKER AT 40' CENTERS
3	(2) 8" CROSSWALK @ 6'-6" C.C. WHITE	3	ONE-WAY CRYSTAL MARKER AT 20' CENTERS
4	6" SKIP DASH WHITE	4	ONE-WAY AMBER MARKER AT 40' CENTERS
5	8" SOLID WHITE	5	TWO-WAY AMBER MARKER AT 40' CENTERS
6	12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING		
7	24" STOP WHITE		
8	LETTERS AND SYMBOLS- SEE STD. 780001-D4		
9	4" SKIP DASH YELLOW		
10	24" SOLID WHITE		
11	DOUBLE 4" SOLID YELLOW		
12	8" SKIP DASH WHITE		
13	12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING		
		DELINEATORS	
		DELIN. WITH TWO AMBER REFLECTORS	
		DELIN. WITH THREE AMBER REFLECTORS	

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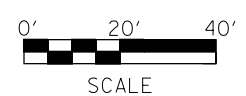
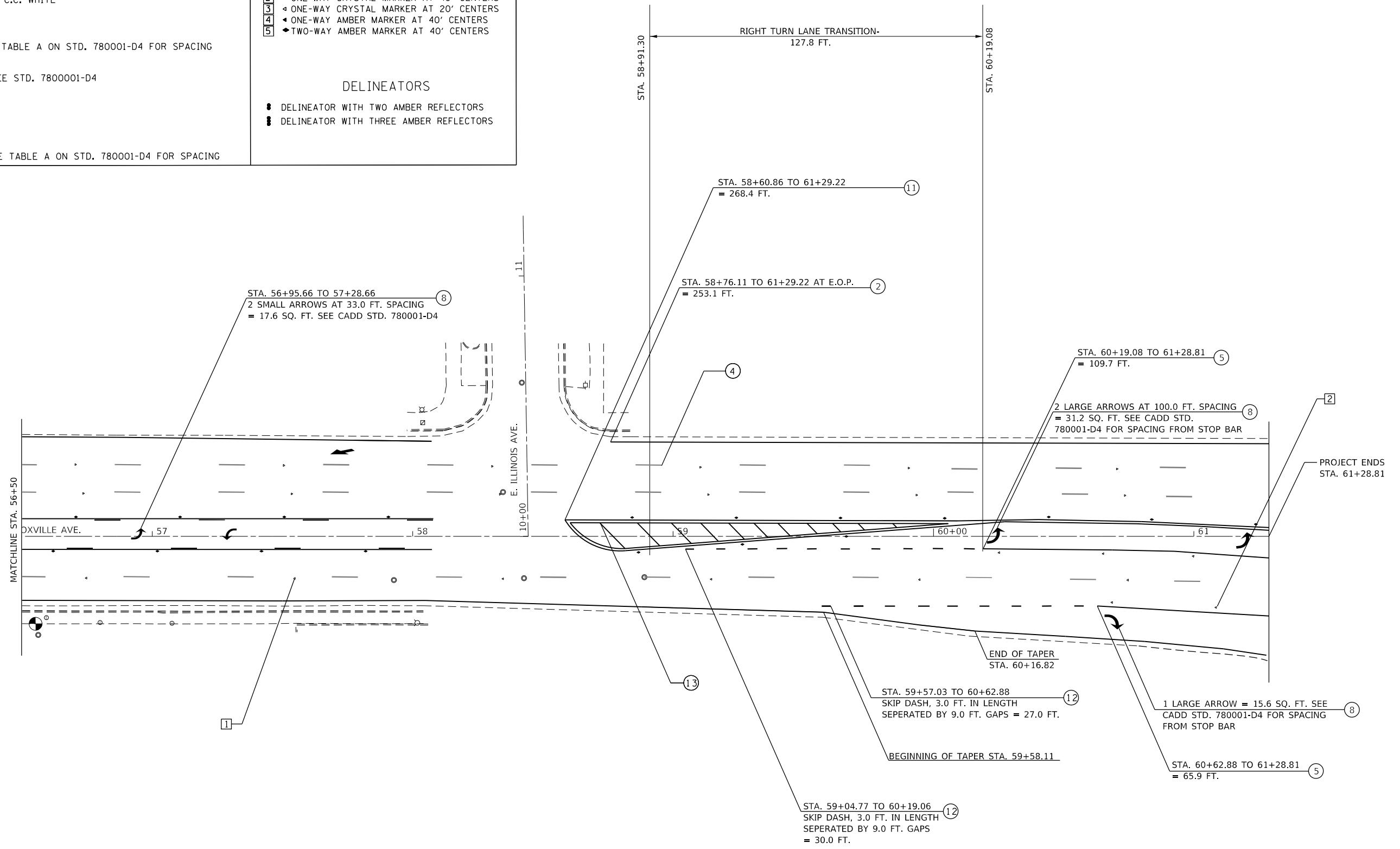
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 646	SECTION (43-1-C5)R5-4	COUNTY PEORIA	TOTAL SHEETS 109	SHEET NO. 80
CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		

- PAVEMENT MARKING LEGEND**
- ① 4" SOLID YELLOW
 - ② 4" SOLID WHITE
 - ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
 - ④ 6" SKIP DASH WHITE
 - ⑤ 8" SOLID WHITE
 - ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
 - ⑦ 24" STOP BAR WHITE
 - ⑧ LETTERS AND SYMBOLS- SEE STD. 7800001-D4
 - ⑨ 4" SKIP DASH YELLOW
 - ⑩ 24" SOLID WHITE
 - ⑪ DOUBLE 4" SOLID YELLOW
 - ⑫ 8" SKIP DASH WHITE
 - ⑬ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING

- RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**
- ① ◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
 - ② ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
 - ③ ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
 - ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS
 - ⑤ ◆ TWO-WAY AMBER MARKER AT 40' CENTERS
- DELINEATORS**
- DELINEATOR WITH TWO AMBER REFLECTORS
 - ▬ DELINEATOR WITH THREE AMBER REFLECTORS



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PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)R5-4	PEORIA	109	81
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

ITEM DESCRIPTION	UNIT	TOTAL QTY.	IL 40 & RICHMOND	IL 40 & NEBRASKA	IL 40 & THRUSH	IL 40 & MCCLURE	OVERHEAD LIGHTING
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	57.0	14.0	17.0	12.0	14.0	
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	8.0				8.0	
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	8.0				8.0	
ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	FOOT	566.0				44.0	522.0
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1095.5				1095.5	
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	1922.5	285.5			1637.0	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1.0				1.0	
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	11.0	4.0	3.0	4.0		
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0		1.0			
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	1.0				1.0	
CONCRETE FOUNDATION, TYPE A	FOOT	3.0				3.0	
CONCRETE FOUNDATION, TYPE E, 42-INCH DIAMETER	FOOT	21.0				21.0	
DRILL EXISTING FOUNDATION	EACH	4.0	2.0	1.0	1.0		
DRILL EXISTING HANDHOLE	EACH	12.0	2.0	3.0	3.0	4.0	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8.0				8.0	
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4.0				4.0	
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4.0				4.0	
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2.0	2.0				
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	4.0				4.0	
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	24.0	2.0	6.0		16.0	
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	30.0	6.0	8.0	8.0	8.0	
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0	1.0				
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0				1.0	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1.0				1.0	
ROADWAY LUMINAIRE, SPECIAL (INSTALL ONLY)	EACH	3.0					3.0
DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1.0			1.0		
MISCELLANEOUS ELECTRICAL WORK	L SUM	1.0				1.0	
JUNCTION BOX (SPECIAL)	EACH	1.0					1.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1.0				1.0	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	EACH	2.0				2.0	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)	EACH	1.0				1.0	
REBUILD EXISTING HANDHOLE, SPECIAL	EACH	5.0	1.0		1.0	2.0	1.0
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1.0	1.0				
VIDEO VEHICLE DETECTION SYSTEM	EACH	4.0	1.0	1.0	1.0	1.0	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	82
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION NOTES

1. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
4. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
5. ALL LOOP RISERS AFFECTED BY THE MILLING OPERATIONS SHALL BE REFLECTED THROUGH THE NEW SURFACE AND ALL LOOP RISERS SHALL BE CHIPPED OUT AND FILLED WITH EPOXY. THIS WORK WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR THE TRAFFIC SIGNAL PAY ITEMS.
6. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
7. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
8. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
9. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE GALVANIZED STEEL WITH A NATURAL FINISH.
10. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
11. ALL TRAFFIC SIGNAL STRUCTURES SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C" AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS (INCLUDING CLAMPS, HARDWARE, ELECTRICAL CABLE, AND ALL OTHER ITEMS REQUIRED TO BOND THE STRUCTURES).
12. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
13. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
14. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
15. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
16. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
17. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
18. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
19. THE PROPOSED CODUIT SHALL BE COUPLED TO THE EXISTING CONDUIT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICES FOR THE CONDUIT PAY ITEMS.
20. THE CONTRACTOR SHALL REMOVE ALL SIGNS FROM THE EXISTING MAST ARMS AND INSTALL THEM ON THE PROPOSED MAST ARMS. THE CONTRACT SHALL PROVIDE NEW BRACKETING, BANDING, HARDWARE, AND ALL OTHER ITEMS REQUIRED FOR INSTALLATION. THE COST OF THIS WORK SHALL BE INCLUDED

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	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL CONSTRUCTION NOTES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	83
			CONTRACT NO. 68D15	
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS IL 40 (KNOXVILLE AVE.) & RICHMOND AVE.	UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	14.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	282.5
DRILL EXISTING HANDHOLE	EACH	2.0
DRILL EXISTING FOUNDATION	EACH	2.0
REBUILD EXISTING HANDHOLE	EACH	1.0
PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	4.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2.0
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	6.0
MODIFY EXISTING CONTROLLER	EACH	1.0
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1.0
VIDEO VEHICLE DETECTION SYSTEM	EACH	1.0

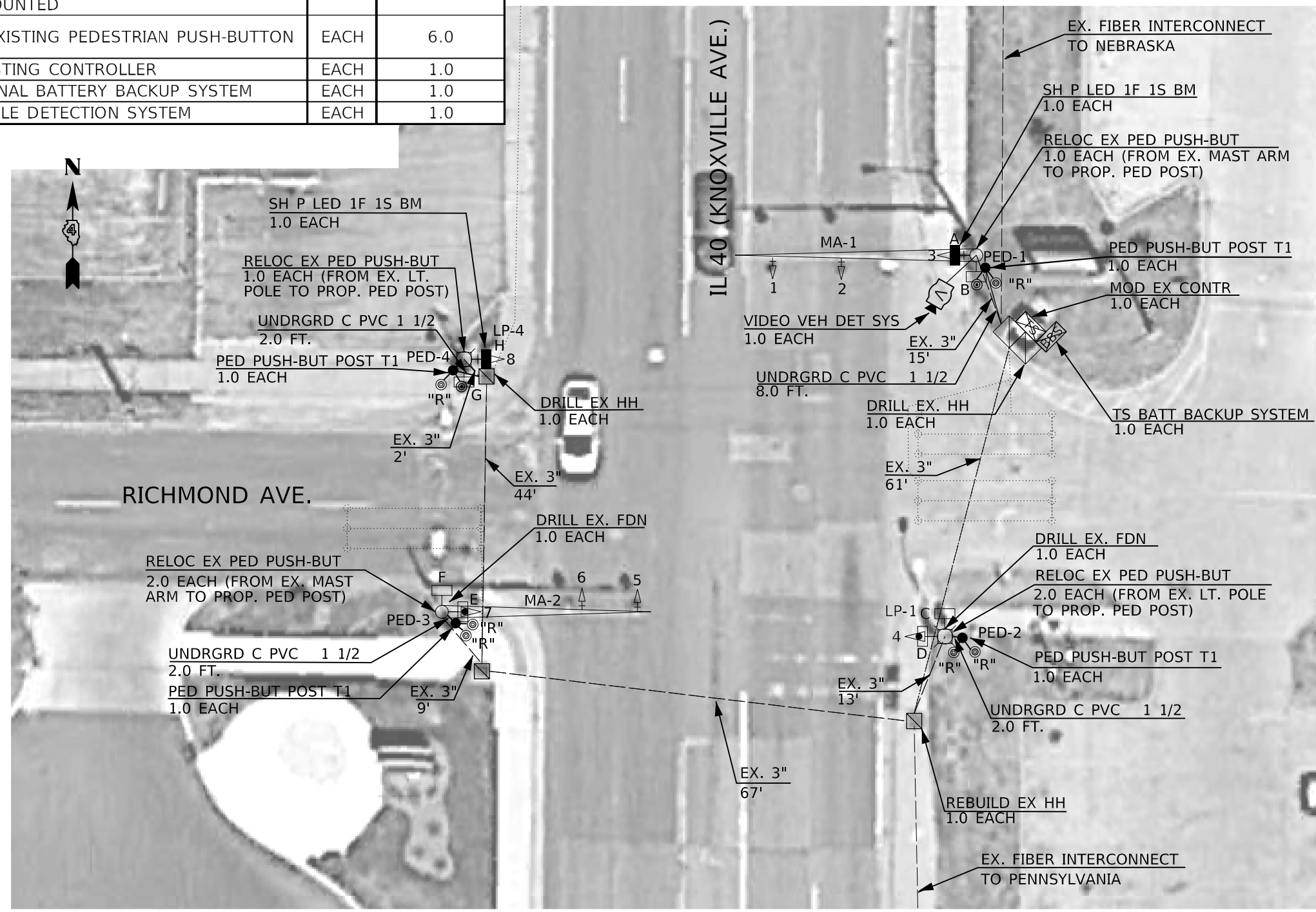
TRAFFIC SIGNAL HEAD SCHEDULE			
QTY.	UNIT	ITEM	LOCATION
-	EACH	SH P LED 1F 3S BM	3,4,7,8 (EXISTING)
-	EACH	SH P LED 1F 3S MAM	1,2,5,6 (EXISTING)
-	EACH	PED SH LED 1F BM	B,G (EXISTING)
-	EACH	PED SH LED 2F BM	(C,D),(E,F) (EXISTING)
2.0	EACH	PED SH LED 1F BM	A,H (PROPOSED)
2.0	EACH	TS BACKPLATE RET-REFL	4,7

THE CONTRACTOR SHALL RE-USE SIGNAL CABLES AS INDICATED ON THE CABLE DIAGRAM. THE CONTRACTOR SHALL CAREFULLY REMOVE THE CABLING FROM EXISTING MAST ARMS AND TRAFFIC SIGNAL POSTS, OBTAIN SLACK CABLE AS NEEDED FROM HANDHOLES, AND INSTALL IT INSIDE THE PROPOSED PEDESTRIAN POSTS. THIS WORK SHALL BE INCLUDED IN THE COST OF RELOCATING THE EXISTING PEDESTRIAN PUSHBUTTONS.

THE CONTRACTOR SHALL FILL ALL HOLES IN MAST ARMS AND TRAFFIC SIGNAL POSTS CREATED BY THE REMOVAL AND RELOCATION OF PEDESTRIAN PUSHBUTTONS BY INSTALLING STAINLESS STEEL BOLTS IN EXISTING THREADED HOLES AND HOLE PLUGS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PEDESTRIAN PUSHBUTTON RELOCATION.

THE EXISTING CONTROLLER CABINET SHALL BE MODIFIED TO ACCOMODATE THE PROPOSED PEDESTRIAN CROSSING ACROSS THE NORTH LEG OF THE INTERSECTION. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM FOR "MODIFY EXISTING CONTROLLER."

THE CONTRACTOR SHALL INSTALL THE PROPOSED VIDEO DETECTION SYSTEM AT THE START OF THE PROJECT UNDER CONSTRUCTION PRE-STAGING. REFER TO THE PROJECT STAGING PLAN SHEETS AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.



TRAFFIC SIGNAL LEGEND	
	EX. HANDHOLE
	EX. DETECTOR LOOP
	EX. FIBER OPTIC CONDUIT
	EX. CONDUIT
	EX. CONTROLLER CABINET (SIGNAL)
	EX. PHOTOCELL RELAY
	EX. TRAFFIC SIGNAL HEAD
	EX. TRAFFIC SIGNAL HEAD W/ BACKPLATE
	EX. STL COMB MAST ARM ASSEMBLY
	EX. STL MAST ARM ASSEMBLY AND POLE
	EX. LUMINAIRE
	EX. TRAFFIC SIGNAL POST
	EX. PEDESTRIAN SIGNAL HEAD
	EX. PEDESTRIAN PUSHBUTTON
	PROP. PEDESTRIAN PUSHBUTTON
	PROP. PEDESTRIAN SIGNAL HEAD
	PROP. PED PUSHBUTTON POST TYPE I
	"R" INDICATES EX. ITEM TO BE RELOCATED
	PROP. CONDUIT
	EX. CONTROLLER CABINET (SIGNAL)
	PROP. BATTERY BACKUP SYSTEM
	PROP. VEHICLE VIDEO DET. SYSTEM
	PROP. BACKPLATE ON EX. SIGNAL HEAD

NOT TO SCALE

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DEPARTMENT OF TRANSPORTATION

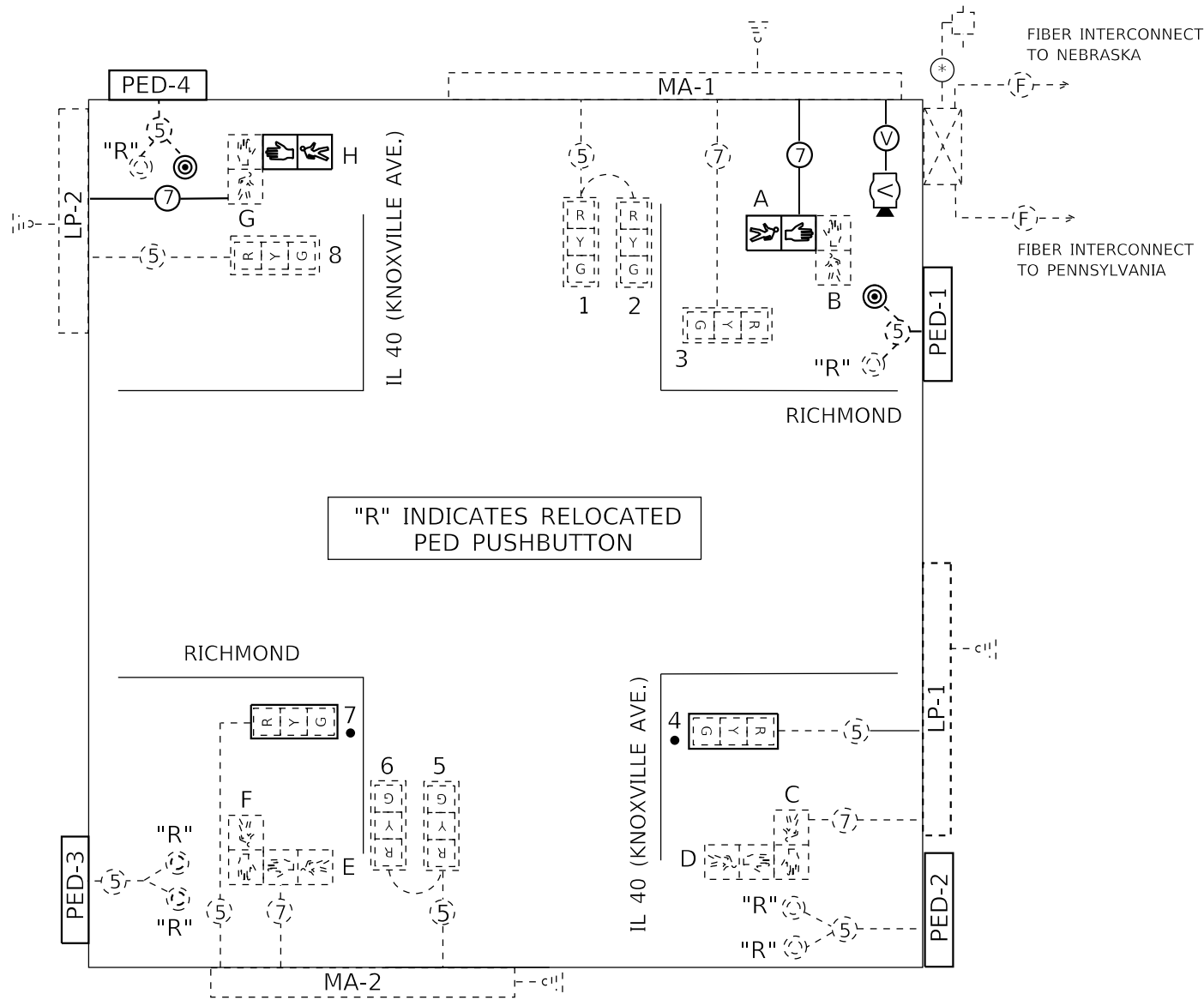
PROPOSED TRAFFIC SIGNALS IL 40 (KNOXVILLE) & RICHMOND - PEORIA			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
646	(43-1-C5)R5-4	PEORIA	109
			SHEET NO. 84
CONTRACT NO. 68D15			
SCALE:		SHEET OF SHEETS	STA. TO STA.

ILLINOIS	FED. AID PROJECT
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RELOCATE EX. PED PUSHBUTTON FROM LP-2 TO PROP. PED POST PED-4 AND RE-USE EX. 5/C CABLE (FROM EX. PED HEAD G). INSTALL NEW 7/C CABLE FOR PED HEADS G&H

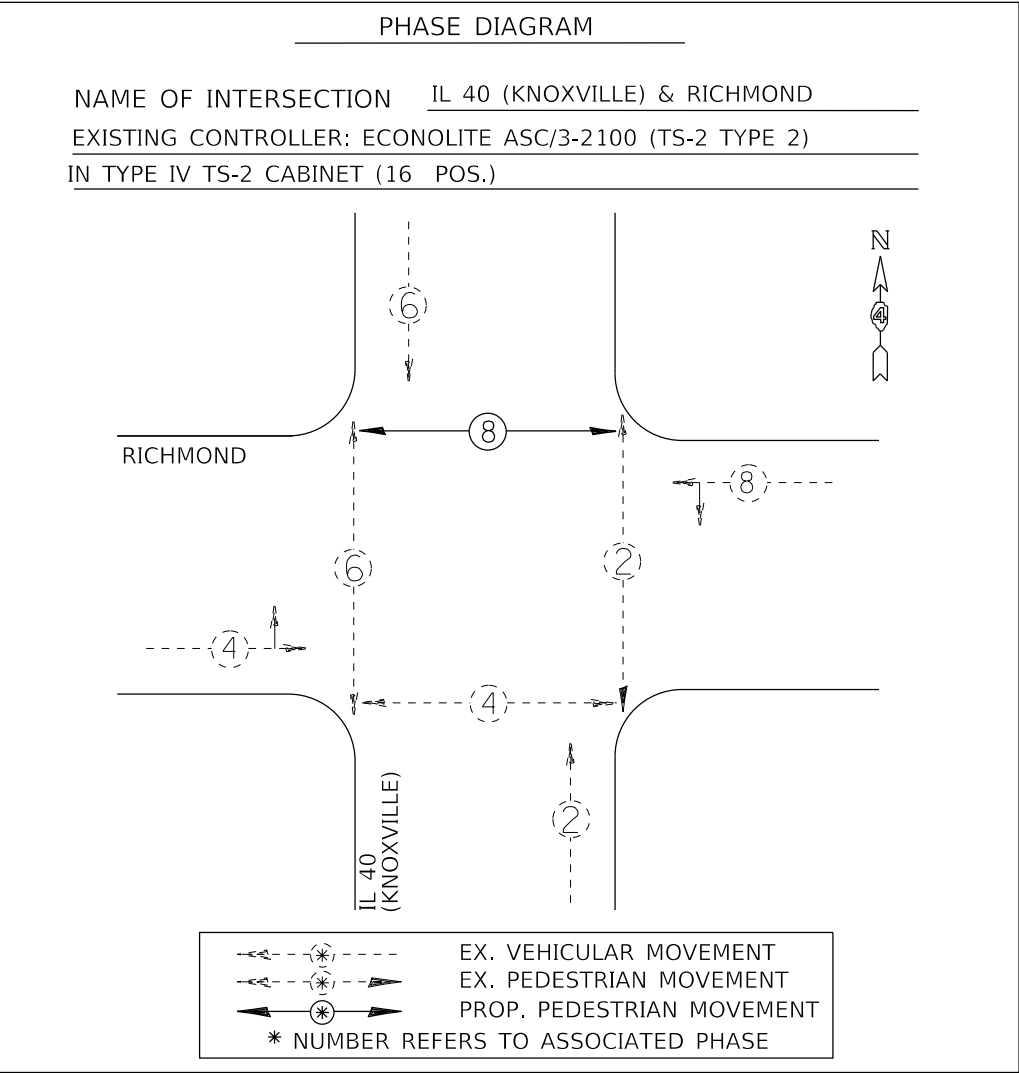
RELOCATE EX. PED PUSHBUTTON FROM MA-1 TO PROP. PED POST PED-1 AND RE-USE EX. 5/C CABLE (FROM EX. PED HEAD B). INSTALL NEW 7/C CABLE FOR PED HEADS A&B



"R" INDICATES RELOCATED PED PUSHBUTTON

RELOCATE EX. PED PUSHBUTTONS FROM MA-2 TO PROP. PED POST PED-3 AND RE-USE EX. 5/C CABLE

RELOCATE EX. PED PUSHBUTTONS FROM LP-1 TO PROP. PED POST PED-2 AND RE-USE EX. 5/C CABLE



TRAFFIC SIGNALS LEGEND

- EX. CONTROLLER (SIGNAL)
- EX. 3 SEC. SIGNAL HEAD W/BACKPLATE
- EX. 5/C NO. 14 SIGNAL CABLE
- EX. 3 SEC. SIGNAL HEAD
- EX. 7/C NO. 14 SIGNAL CABLE
- PROP. 7/C NO. 14 SIGNAL CABLE
- PROP. PED SIGNAL HEAD
- PROP. BACKPLATE ON EX. SIGNAL HEAD
- PROP. VIDEO DETECTION CAMERA

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TRAFFIC SIGNAL CABLE AND PHASE DIAGRAMS			
IL 40 (KNOXVILLE) & RICHMOND - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)R5-4	PEORIA	109	85
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

THE CONTRACTOR SHALL RE-USE SIGNAL CABLES AS INDICATED ON THE CABLE DIAGRAM. THE CONTRACTOR SHALL CAREFULLY REMOVE THE CABLING FROM EXISTING MAST ARMS AND TRAFFIC SIGNAL POSTS, OBTAIN SLACK CABLE AS NEEDED FROM HANDHOLES, AND INSTALL IT INSIDE THE PROPOSED PEDESTRIAN POSTS. THIS WORK SHALL BE INCLUDED IN THE COST OF RELOCATING THE EXISTING PEDESTRIAN PUSHBUTTONS.

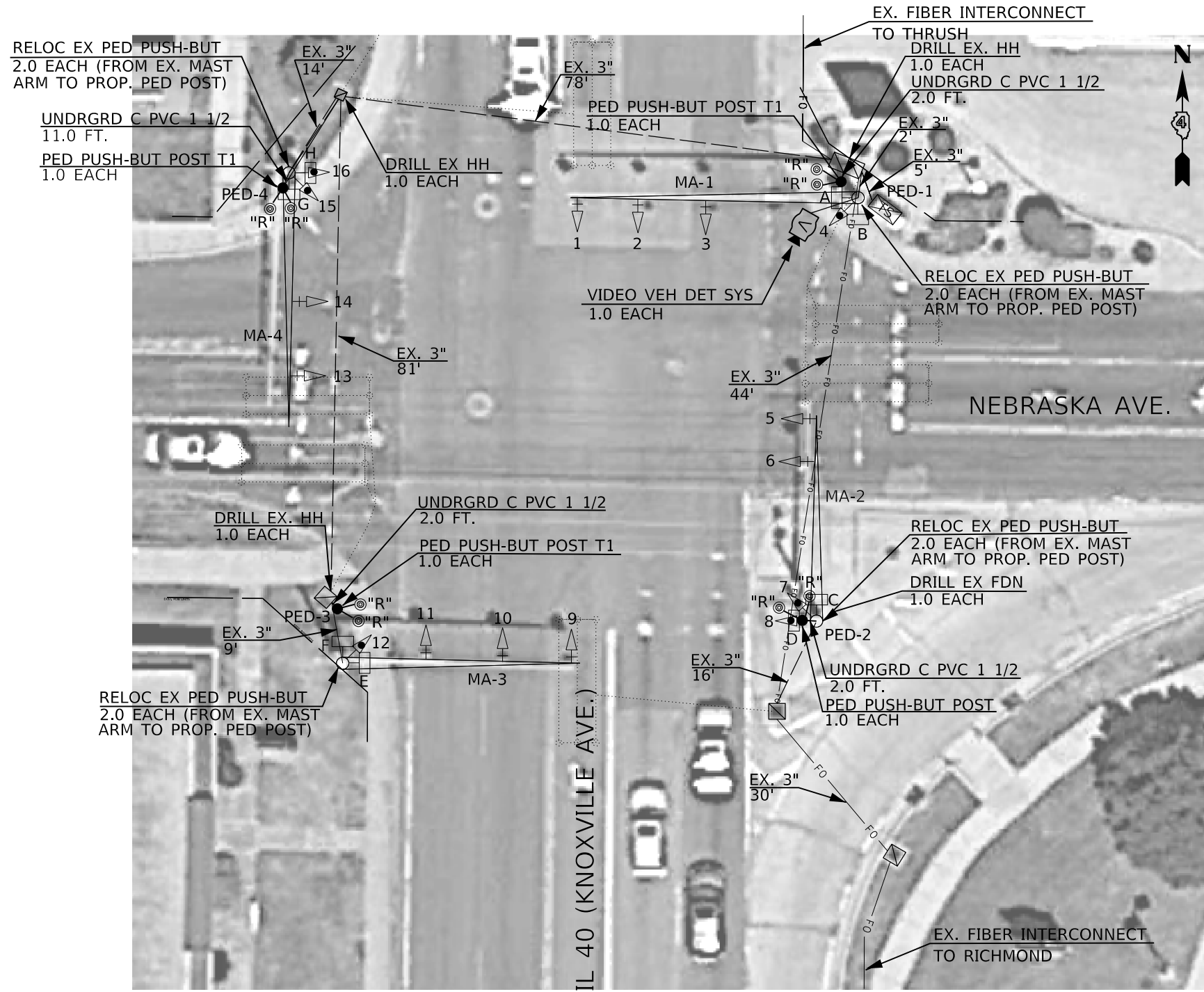
THE CONTRACTOR SHALL FILL ALL HOLES IN MAST ARMS AND TRAFFIC SIGNAL POSTS CREATED BY THE REMOVAL AND RELOCATION OF PEDESTRIAN PUSHBUTTONS BY INSTALLING STAINLESS STEEL BOLTS IN EXISTING THREADED HOLES AND HOLE PLUGS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PEDESTRIAN PUSHBUTTON RELOCATION.

THE CONTRACTOR SHALL INSTALL THE PROPOSED VIDEO DETECTION SYSTEM AT THE START OF THE PROJECT UNDER CONSTRUCTION PRE-STAGING. REFER TO THE PROJECT STAGING PLAN SHEETS AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

BILL OF MATERIALS		
IL 40 (KNOXVILLE AVE.) & NEBRASKA AVE.	UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	17.0
DRILL EXISTING HANDHOLE	EACH	3.0
DRILL EXISTING FOUNDATION	EACH	1.0
PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	3.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST, SPECIAL	EACH	1.0
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	8.0
VIDEO VEHICLE DETECTION SYSTEM	EACH	1.0

TRAFFIC SIGNAL HEAD SCHEDULE			
QTY.	UNIT	ITEM	LOCATION
-	EACH	SH P LED 1F 3S BM	8,16 (EXISTING)
-	EACH	SH P LED 1F 3S MAM	2,3,6,10,11,14 (EXISTING)
-	EACH	SH P LED 1F 4S BM	4,7,12,15 (EXISTING)
-	EACH	SH P LED 1F 4S MAM	1,5,9,13 (EXISTING)
-	EACH	PED SH LED 2F BM	(A,B),(C,D),(E,F),(G,H) (EXISTING)
6.0	EACH	TS BACKPLATE RET-REFL	4,7,8,12,15,16

THE CONTRACTOR SHALL INSTALL A PEDESTRIAN PUSHBUTTON POST ON THE EX. MONOLITHIC ISLAND BY USING A GALVANIZED STEEL PIPE FLANGE AND INSTALLING IT ONTO THE EX. CURB THROUGH THE USE OF ANCHOR BOLTS THAT ARE DRILLED AND EPOXIED. THE CONTRACTOR SHALL SAW CUT THE ISLAND AND CURB AS REQUIRED FOR INSTALLATION. REFER TO PROJECT SPECIAL PROVISIONS FOR ADDITIONAL DETAILS.



TRAFFIC SIGNAL LEGEND

- EX. HANDHOLE
- EX. DETECTOR LOOP
- EX. FIBER OPTIC CONDUIT
- EX. CONDUIT
- EX. CONTROLLER CABINET (SIGNAL)
- EX. PHOTOCELL RELAY
- EX. TRAFFIC SIGNAL HEAD
- EX. TRAFFIC SIGNAL HEAD W/ BACKPLATE
- EX. STL COMB MAST ARM ASSEMBLY
- EX. STL MAST ARM ASSEMBLY AND POLE
- EX. LUMINAIRE
- EX. TRAFFIC SIGNAL POST
- EX. PEDESTRIAN SIGNAL HEAD
- EX. PEDESTRIAN PUSHBUTTON
- PROP. PED PUSHBUTTON POST TYPE I
- INDICATES EX. ITEM TO BE RELOCATED
- PROP. CONDUIT
- PROP. VEHICLE VIDEO DET. SYSTEM
- PROP. BACKPLATE ON EX. SIGNAL HEAD

NOT TO SCALE

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	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNALS
IL 40 (KNOXVILLE) & NEBRASKA - PEORIA

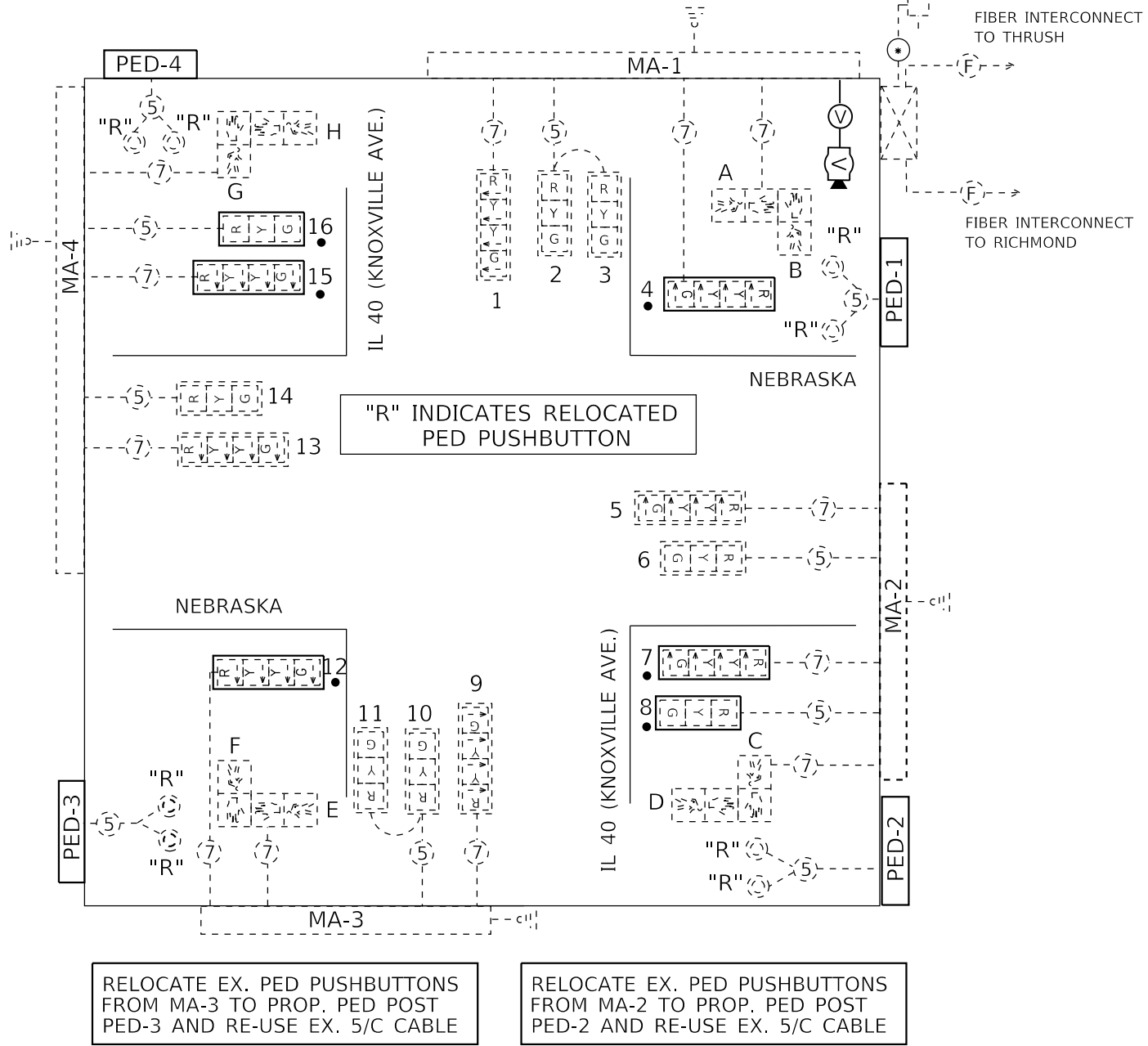
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)RS-4	PEORIA	109	86
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



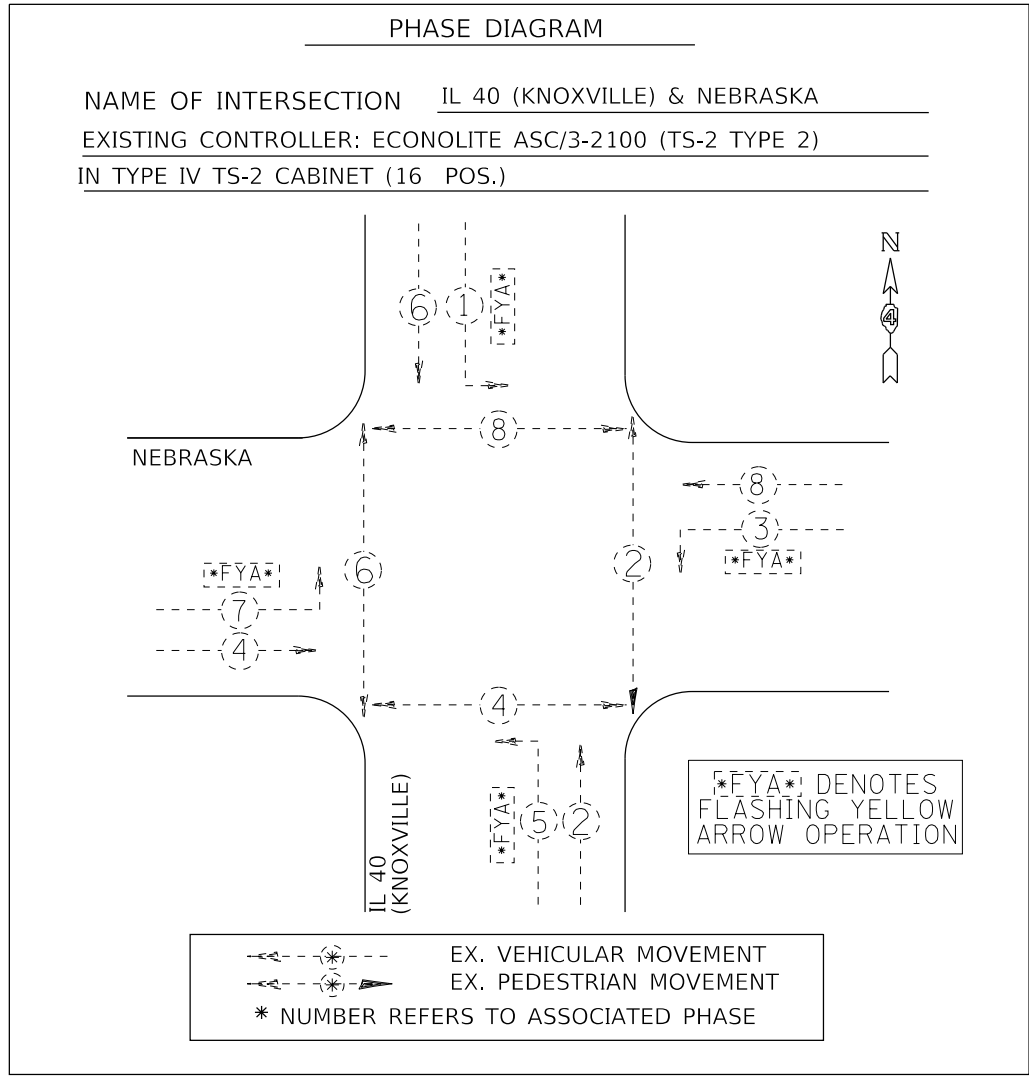
RELOCATE EX. PED PUSHBUTTONS FROM MA-4 TO PROP. PED POST PED-4 AND RE-USE EX. 5/C CABLE

RELOCATE EX. PED PUSHBUTTONS FROM MA-1 TO PROP. PED POST PED-1 AND RE-USE EX. 5/C CABLE



RELOCATE EX. PED PUSHBUTTONS FROM MA-3 TO PROP. PED POST PED-3 AND RE-USE EX. 5/C CABLE

RELOCATE EX. PED PUSHBUTTONS FROM MA-2 TO PROP. PED POST PED-2 AND RE-USE EX. 5/C CABLE



TRAFFIC SIGNALS LEGEND

- EX. CONTROLLER (SIGNAL)
- EX. 3 SEC. SIGNAL HEAD W/BACKPLATE
- EX. 5/C NO. 14 SIGNAL CABLE
- EX. CONTROLLER (LIGHTING)
- EX. 3 SEC. SIGNAL HEAD
- EX. 7/C NO. 14 SIGNAL CABLE
- EX. PED SIGNAL HEAD
- PROP. BACKPLATE ON EX. SIGNAL HEAD
- PROP. VIDEO DETECTION CAMERA

NOT TO SCALE

MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TRAFFIC SIGNAL CABLE AND PHASE DIAGRAMS			
IL 40 (KNOXVILLE) & NEBRASKA - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)R5-4	PEORIA	109	87
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

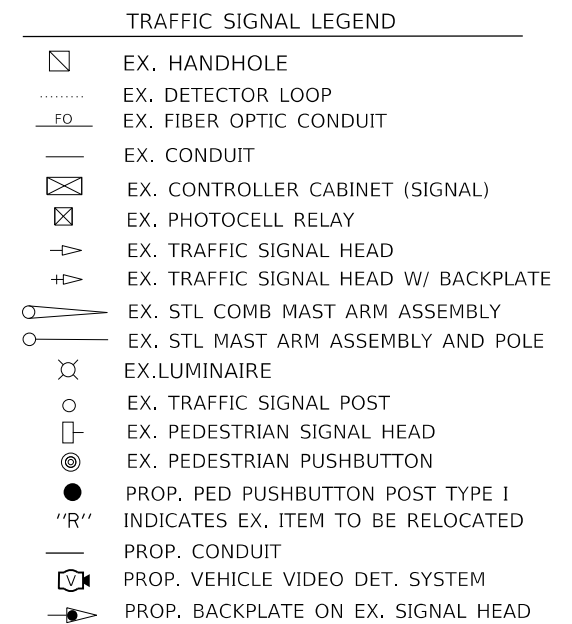
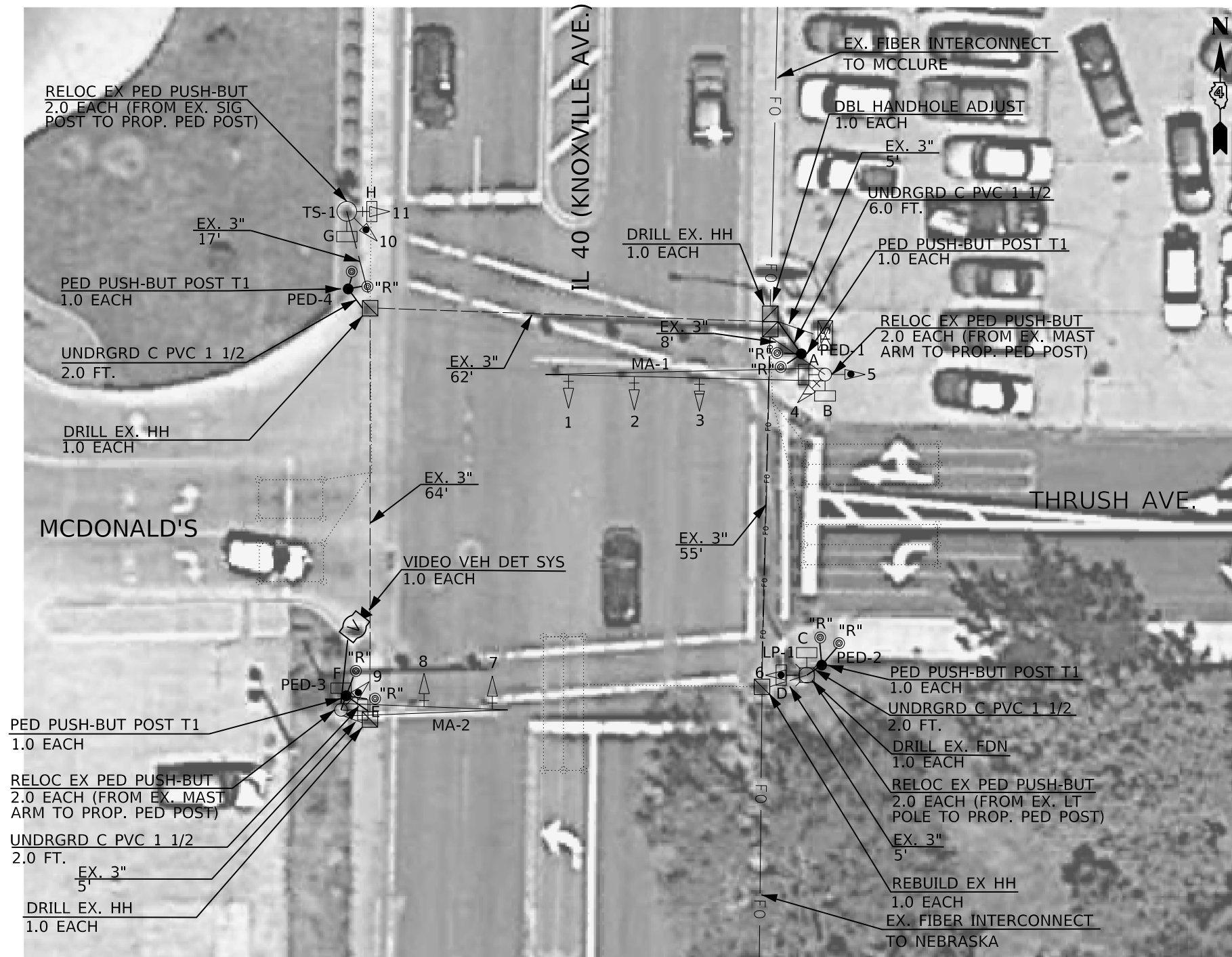
THE CONTRACTOR SHALL RE-USE SIGNAL CABLES AS INDICATED ON THE CABLE DIAGRAM. THE CONTRACTOR SHALL CAREFULLY REMOVE THE CABLING FROM EXISTING MAST ARMS AND TRAFFIC SIGNAL POSTS, OBTAIN SLACK CABLE AS NEEDED FROM HANDHOLES, AND INSTALL IT INSIDE THE PROPOSED PEDESTRIAN POSTS. THIS WORK SHALL BE INCLUDED IN THE COST OF RELOCATING THE EXISTING PEDESTRIAN PUSHBUTTONS.

THE CONTRACTOR SHALL FILL ALL HOLES IN MAST ARMS AND TRAFFIC SIGNAL POSTS CREATED BY THE REMOVAL AND RELOCATION OF PEDESTRIAN PUSHBUTTONS BY INSTALLING STAINLESS STEEL BOLTS IN EXISTING THREADED HOLES AND HOLE PLUGS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PEDESTRIAN PUSHBUTTON RELOCATION.

THE CONTRACTOR SHALL INSTALL THE PROPOSED VIDEO DETECTION SYSTEM AT THE START OF THE PROJECT UNDER CONSTRUCTION PRE-STAGING. REFER TO THE PROJECT STAGING PLAN SHEETS AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

BILL OF MATERIALS IL 40 (KNOXVILLE AVE.) & THRUSH AVE.			UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	12.0		
DRILL EXISTING HANDHOLE	EACH	3.0		
DRILL EXISTING FOUNDATION	EACH	1.0		
REBUILD EXISTING HANDHOLE	EACH	1.0		
DOUBLE HANDHOLE TO BE ADJUSTED	EACH	1.0		
PEDESTRIAN PUSH-BUTTON POST, TYPE I	EACH	4.0		
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4.0		
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	8.0		
VIDEO VEHICLE DETECTION SYSTEM	EACH	1.0		

TRAFFIC SIGNAL HEAD SCHEDULE			
QTY.	UNIT	ITEM	LOCATION
-	EACH	SH P LED 1F 3S BM	8,16 (EXISTING)
-	EACH	SH P LED 1F 3S MAM	2,3,6,10,11,14 (EXISTING)
-	EACH	SH P LED 1F 4S BM	4,7,12,15 (EXISTING)
-	EACH	SH P LED 1F 4S MAM	1,5,9,13 (EXISTING)
-	EACH	PED SH LED 2F BM	(A,B),(C,D),(E,F),(G,H) (EXISTING)
4.0	EACH	TS BACKPLATE RET-REFL	5,6,9,10



NOT TO SCALE

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	DRAWN -	REVISED -
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PLOT DATE = 12/15/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

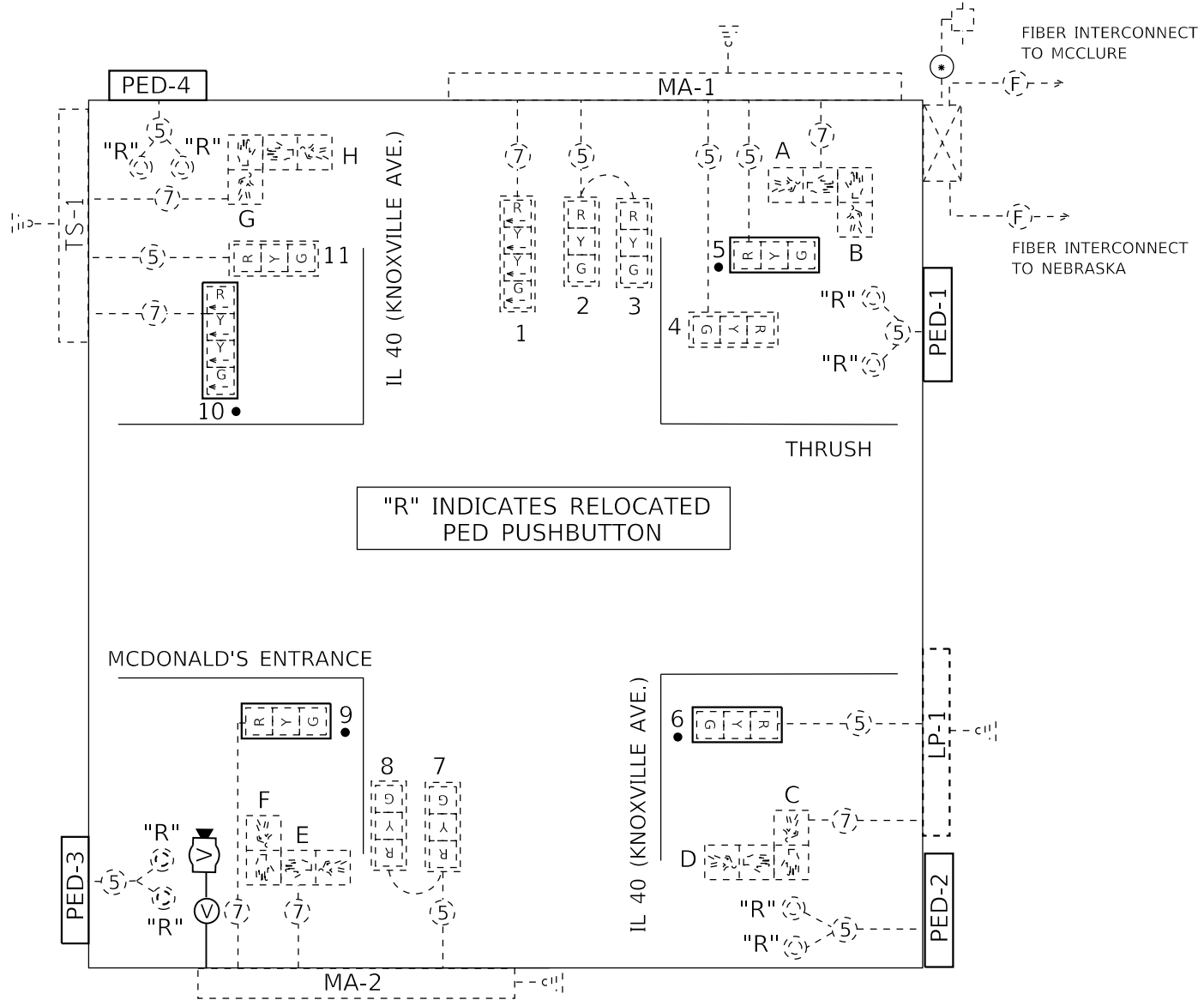
PROPOSED TRAFFIC SIGNALS IL 40 (KNOXVILLE) & THRUSH - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)R5-4	PEORIA	109	88
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



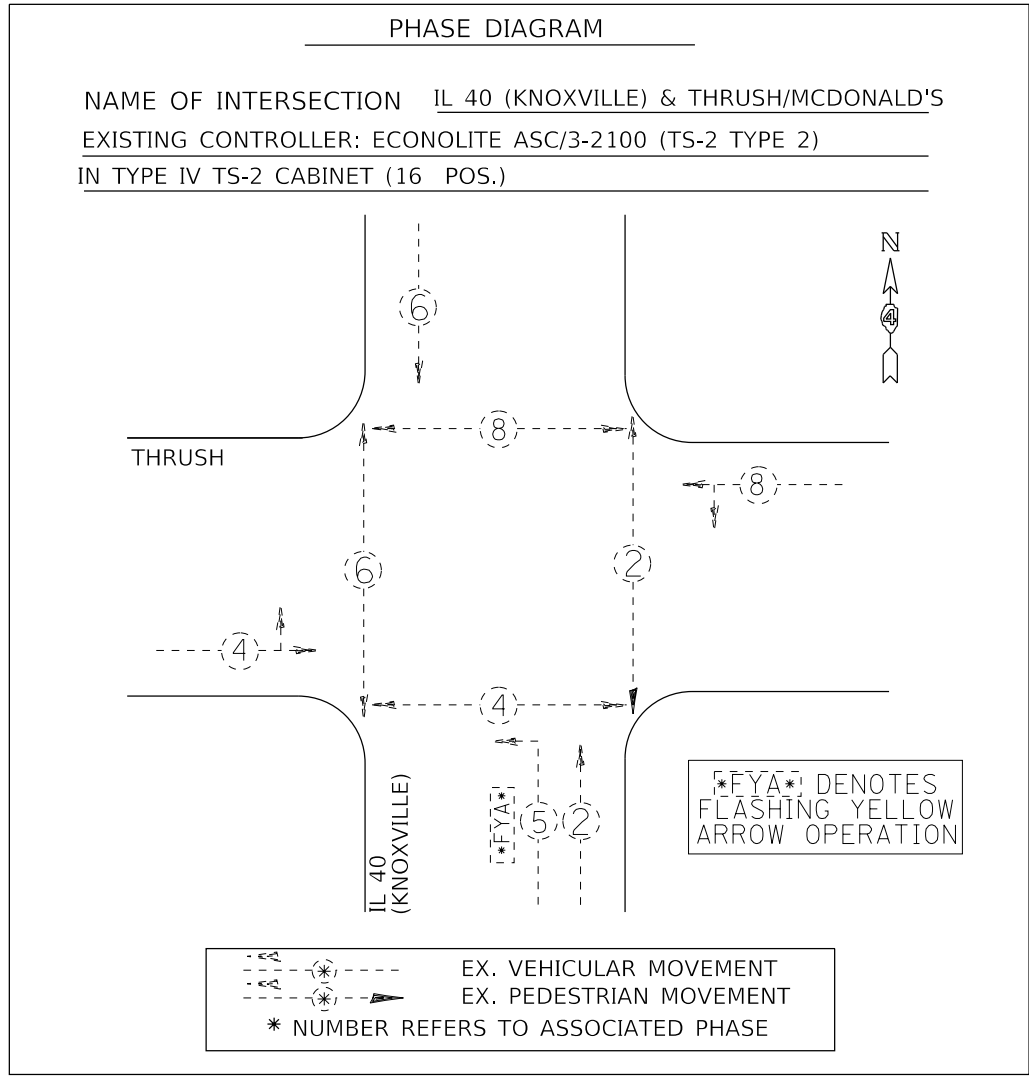
RELOCATE EX. PED PUSHBUTTONS FROM TS-1 TO PROP. PED POST PED-4 AND RE-USE EX. 5/C CABLE

RELOCATE EX. PED PUSHBUTTONS FROM MA-1 TO PROP. PED POST PED-1 AND RE-USE EX. 5/C CABLE



RELOCATE EX. PED PUSHBUTTONS FROM MA-2 TO PROP. PED POST PED-3 AND RE-USE EX. 5/C CABLE

RELOCATE EX. PED PUSHBUTTONS FROM LP-1 TO PROP. PED POST PED-2 AND RE-USE EX. 5/C CABLE



TRAFFIC SIGNALS LEGEND

- EX. CONTROLLER (SIGNAL)
- EX. CONTROLLER (LIGHTING)
- EX. PED SIGNAL HEAD
- EX. 3 SEC. SIGNAL HEAD W/BACKPLATE
- EX. 3 SEC. SIGNAL HEAD
- PROP. BACKPLATE ON EX. SIGNAL HEAD
- EX. 5/C NO. 14 SIGNAL CABLE
- EX. 7/C NO. 14 SIGNAL CABLE
- PROP. VIDEO DETECTION CABLE
- PROP. VIDEO DETECTION CAMERA

NOT TO SCALE

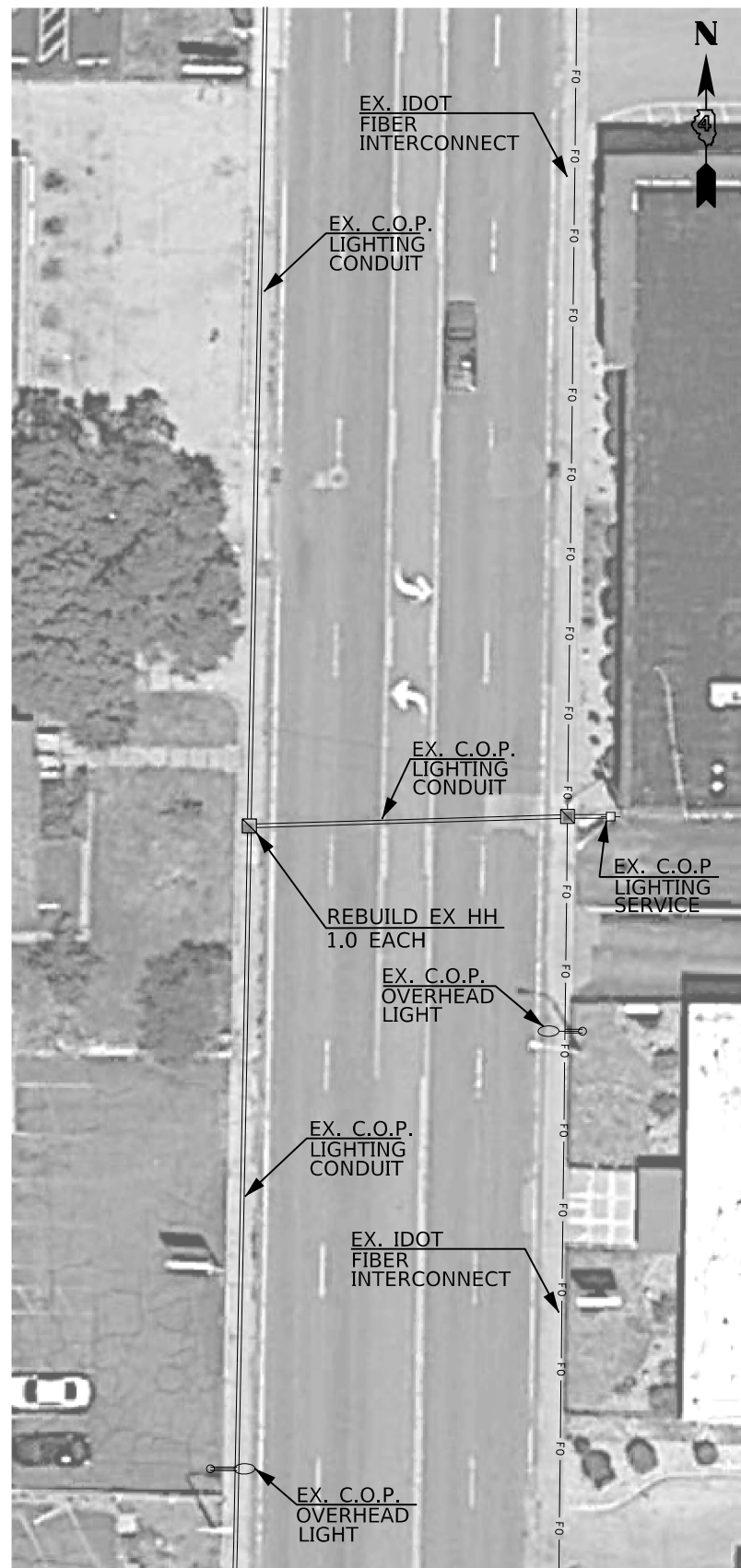
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DRAWN -	CHECKED -	REVISED -
PLOT SCALE = 40,0000' / in.	DATE -	REVISED -
PLOT DATE = 12/15/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL CABLE AND PHASE DIAGRAMS			
IL 40 (KNOXVILLE) & THRUSH - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)R5-4	PEORIA	109	89
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



THE CONTRACTOR SHALL REBUILD THE EXISTING HANDHOLE. THE CONTRACTOR SHALL FURNISH A NEW LID AND FRAME. THE EXISTING LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR AS "REBUILD EXISTING HANDHOLE".

BILL OF MATERIALS		
IL 40 (KNOXVILLE AVE.) STA. 39+95 TO STA. 40+58	UNIT	TOTAL QTY.
REBUILD EXISTING HANDHOLE	EACH	1.0

TRAFFIC SIGNAL LEGEND

	EX. HANDHOLE
	EX. LIGHTING CONDUIT
	EX. FIBER OPTIC CONDUIT
	EX. OVERHEAD LIGHT
	EX. ELECTRICAL SERVICE

NOT TO SCALE

MODEL: Default
FILE: \\blmfc-cv\eng\aubreygs\Desktop\68D15 - IL 40 (Knoxville) Traffic Signal Design (Final) 12-08-17.dgn

USER NAME = aubreygs	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED ELECTRICAL HANDHOLE ADJUSTMENTS			
IL 40 (KNOXVILLE) STA. 39+95 TO STA. 40+58 - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)R5-4	PEORIA	109	90
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68D15	



REMOVE EXISTING HANDHOLE - QTY. 6.0 EA.	
QTY.	LOCATIONS
1.0 EA.	HH-1, HH-2, HH-4, HH-5, HH-6, HH-7

REMOVE EXISTING CONCRETE FOUNDATIONS - QTY. 1.0 EA.	
QTY.	LOCATIONS
1.0 EA.	MA-1

SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QUANTITY
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1.0
REMOVE EXISTING CONCRETE FOUNDATIONS	EACH	1.0

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY. 1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

QTY.	ITEM
1.0	TRAFFIC SIGNAL CONTROLLER CABINET
4.0	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE
8.0	SIGNAL HEAD, 1-FACE, 3-SECTION, WITH BACKPLATE, MAST ARM MOUNTED
4.0	SIGNAL HEAD, 1-FACE, 3-SECTION, WITH BACKPLATE, MAST ARM MOUNTED
4.0	SIGNAL HEAD, 1-FACE, 4-SECTION, BRACKET MOUNTED
4.0	PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED
ALL	ELECTRIC CABLE (NOT BEING USED IN PROPOSED INSTALLATION)

THE FOLLOWING ITEMS SHALL REMAIN THE PROPERTY OF IDOT AND SHALL BE DELIVERED TO THE CITY OF PEORIA MAINTENANCE FACILITY LOCATED AT 3505 N. DRIES LN., PEORIA

QTY.	ITEM
1.0	TRAFFIC SIGNAL CONTROLLER AND MMU

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

1. THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.
2. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
3. ANY MAINTENANCE OF THE EXISTING SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
4. FULL DEPTH SAW CUTS SHALL BE REQUIRED AT ALL REMOVAL LIMITS. IF THE CONTRACTOR REMOVES OR DAMAGES THE EXISTING SIDEWALK OR BITUMINOUS SURFACE OUTSIDE THE REMOVAL LIMITS DESIGNATED BY THE ENGINEER, THE CONTRACTOR SHALL REMOVE AND/OR REPLACE THAT PORTION AT THE CONTRACTOR'S EXPENSE.

TRAFFIC SIGNAL LEGEND

- EX. HANDHOLE
- EX. DETECTOR LOOP
- EX. FIBER OPTIC CONDUIT
- EX. CONDUIT
- EX. CONTROLLER CABINET (SIGNAL)
- EX. TRAFFIC SIGNAL HEAD
- EX. TRAFFIC SIGNAL HEAD W/ BACKPLATE
- EX. STL COMB MAST ARM ASSEMBLY
- EX. TRAFFIC SIGNAL POST
- EX. PEDESTRIAN SIGNAL HEAD
- EX. PEDESTRIAN PUSHBUTTON
- EX. LUMINAIRE

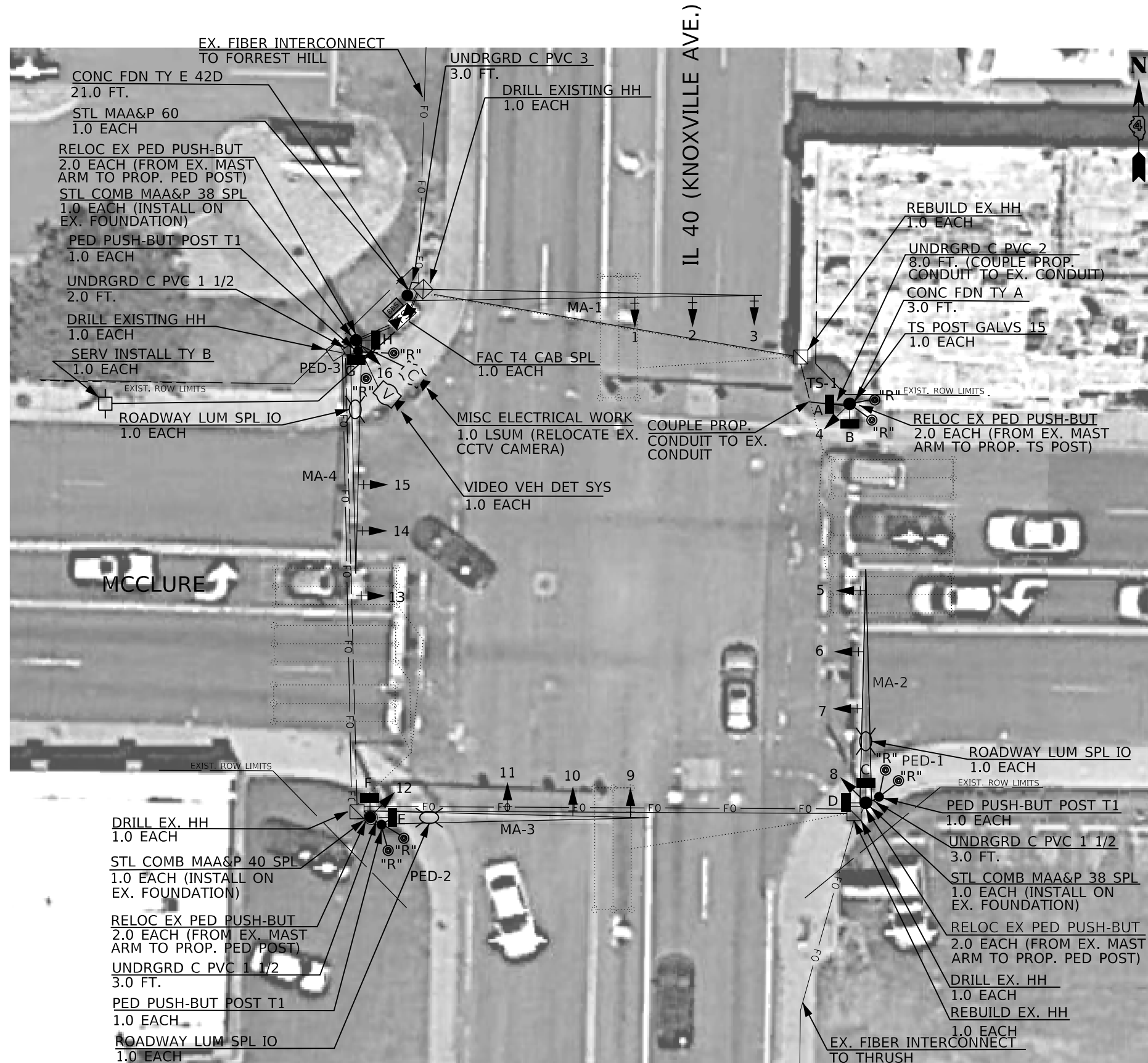
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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TRAFFIC SIGNALS IL 40 (KNOXVILLE) & MCCLURE - PEORIA		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		646	(43-1-C5)RS-4	PEORIA	109	91
SCALE:		SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 68D15
				ILLINOIS		FED. AID PROJECT



TRAFFIC SIGNAL HEAD SCHEDULE			
QTY.	UNIT	ITEM	LOCATION
8.0	EACH	SH P LED 1F 3S MAM	2,3,6,7,10,11,14,15 (PROPOSED)
4.0	EACH	SH P LED 1F 4S BM	4,8,12,16 (PROPOSED)
4.0	EACH	SH P LED 1F 4S MAM	1,5,9,13 (PROPOSED)
4.0	EACH	PED SH LED 2F BM	(A,B),(C,D),(E,F),(G,H) (PROPOSED)
16.0	EACH	TS BACKPLATE RET-REFL	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

TRAFFIC SIGNAL MAST ARM AND POST SCHEDULE			
REF	LOCATION	TYPE	LENGTH
MA-1	NW QUADRANT	S MAA & P	60 FT.
MA-2	SE QUADRANT	S C MAA & P SPL	38 FT. (ON EX. FDN)
MA-3	SW QUADRANT	S C MAA & P SPL	40 FT. (ON EX. FDN)
MA-4	NW QUADRANT	DUAL S C MAA & P	38 FT. (ON EX. FDN)
TS-1	NE QUADRANT	TS POST GALV S	15 FT.

BILL OF MATERIALS IL 40 (KNOXVILLE AVE.) & MCCLURE AVE.			UNIT	TOTAL QTY.
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA			FOOT	17.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 5C			FOOT	1335.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 7C			FOOT	1650.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C			FOOT	340.0
DRILL EXISTING HANDHOLE			EACH	1.0
DRILL EXISTING FOUNDATION			EACH	3.0
REBUILD EXISTING HANDHOLE			EACH	2.0
REPLACE HANDHOLE COVER			EACH	5.0
REMOVE EXISTING CONCRETE FOUNDATION			EACH	1.0
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER			EACH	1.0
CONCRETE FOUNDATION, TYPE A			EACH	1.0
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.			EACH	1.0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)			EACH	2.0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)			EACH	1.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.			EACH	1.0
PEDESTRIAN PUSH-BUTTON POST, TYPE I			EACH	3.0
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED			EACH	4.0
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON			EACH	8.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED			EACH	2.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED			EACH	6.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED			EACH	4.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED			EACH	4.0
ROADWAY LUMINAIRE, SPECIAL (INSTALL ONLY)			EACH	3.0
CONTROLLER CABINET TYPE IV			EACH	1.0
VIDEO VEHICLE DETECTION SYSTEM			EACH	1.0
SERVICE INSTALLATION, TYPE B			EACH	1.0

TRAFFIC SIGNAL LEGEND	
	EX. BBS AND CABINET
	EX. LUMINAIRE
	EX. HANDHOLE
	EX. FIBER OPTIC CONDUIT
	EX. CONDUIT
	EX. PEDESTRIAN PUSHBUTTON
	EX. CCTV CAMERA
	PROP. PED PUSHBUTTON POST TYPE I
	INDICATES EX. ITEM TO BE RELOCATED
	PROP. CONDUIT
	PROP. TRAFFIC SIGNAL HEAD
	PROP. TRAFFIC SIGNAL HEAD W/ BACKPLATE
	PROP. STL COMB MAST ARM ASSEMBLY
	PROP. TRAFFIC SIGNAL POST
	PROP. CONTROLLER CABINET (SIGNAL)
	PROP. ELECTRICAL SERVICE
	PROP. VEHICLE VIDEO DET. SYSTEM

NOT TO SCALE

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	DRAWN -	REVISED -
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PLOT DATE = 12/15/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNALS
IL 40 (KNOXVILLE) & MCCLURE - PEORIA

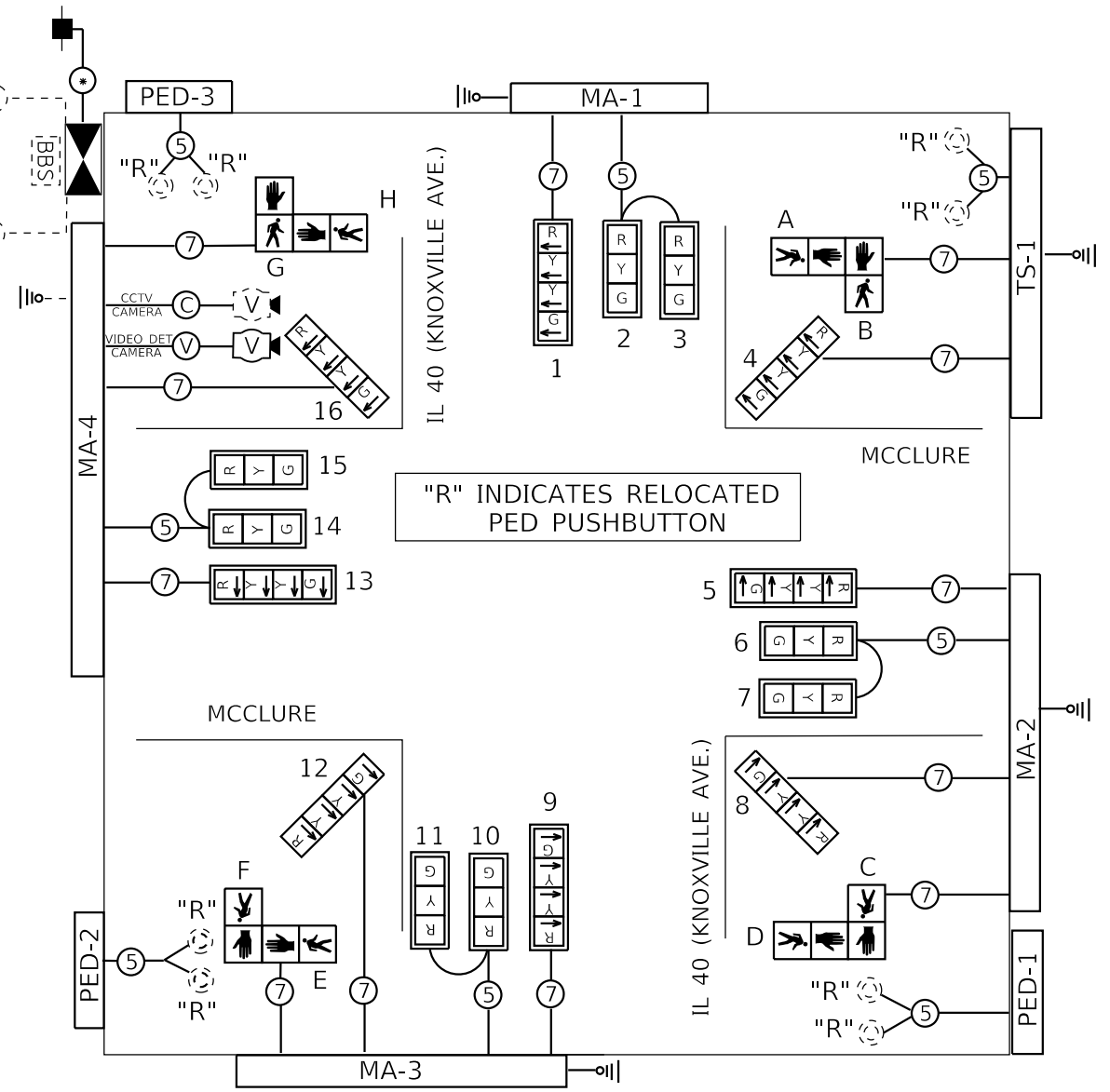
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646	(43-1-C5)R5-4	PEORIA	109	93
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



FIBER INTERCONNECT TO FORREST HILL (F)

FIBER INTERCONNECT TO THRUSH (F)

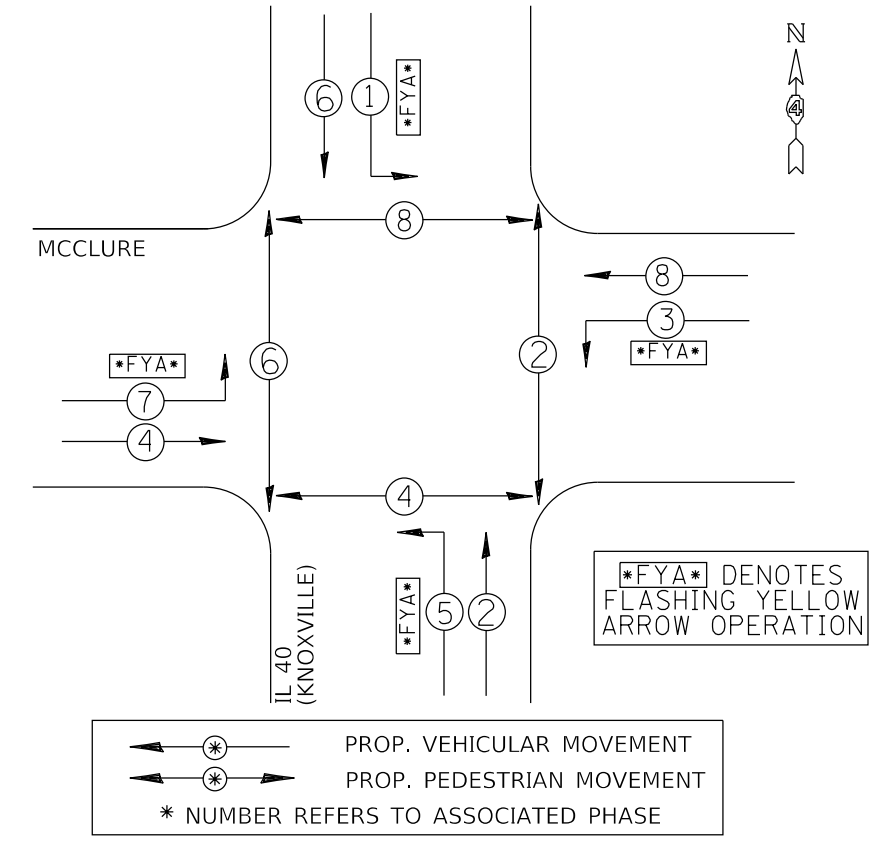


TRAFFIC SIGNALS LEGEND

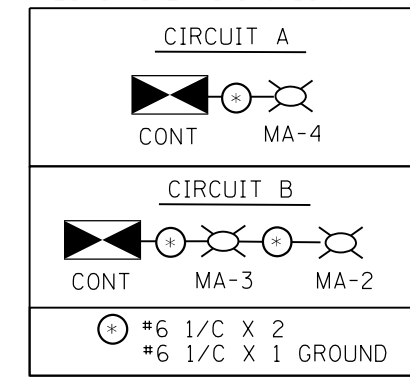
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|--|---------------------------|--|--------------------------------------|--|-------------------------------|
| | PROP. CONTROLLER (SIGNAL) | | PROP. 3 SEC. SIGNAL HEAD W/BACKPLATE | | PROP. 5/C NO. 14 SIGNAL CABLE |
| | EX. BBS CABINET | | PROP. 3 SEC. SIGNAL HEAD | | PROP. 7/C NO. 14 SIGNAL CABLE |
| | PROP. PED SIGNAL HEAD | | PROP. VIDEO DET CAMERA | | PROP. VIDEO DETECTION CABLE |
| | PROP. ELECTRIC SERVICE | | EX. CCTV CAMERA | | EX. PEDESTRIAN PUSHBUTTON |
| | | | PROP. GROUND/SAFETY BOND | | |

PROPOSED PHASE DIAGRAM

NAME OF INTERSECTION IL 40 (KNOXVILLE) & MCCLURE
 PROPOSED CONTROLLER: ECONOLITE COBALT (TS-2 TYPE 2)
 IN TYPE IV TS-2 CABINET (16 POS.)



LUMINAIRE WIRING DIAGRAM



NOT TO SCALE

MODEL: 4400BELNAMES
FILE: 4400R5-4.DWG

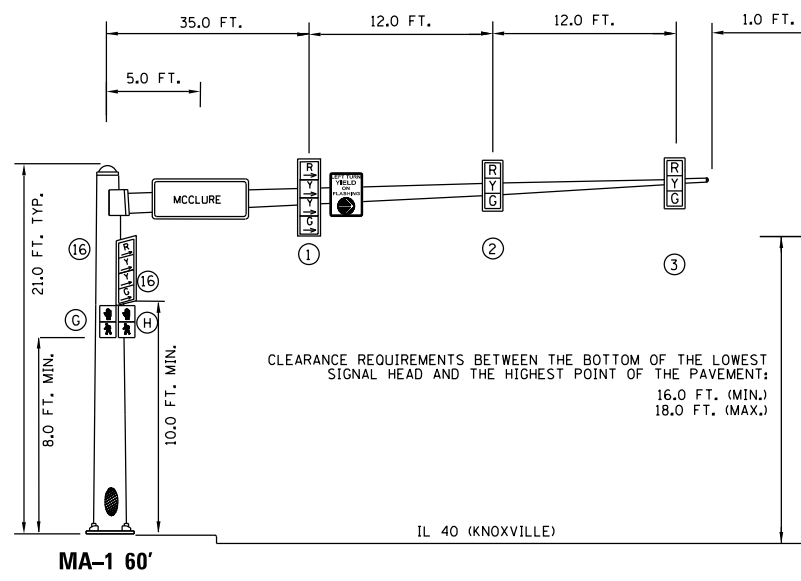
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

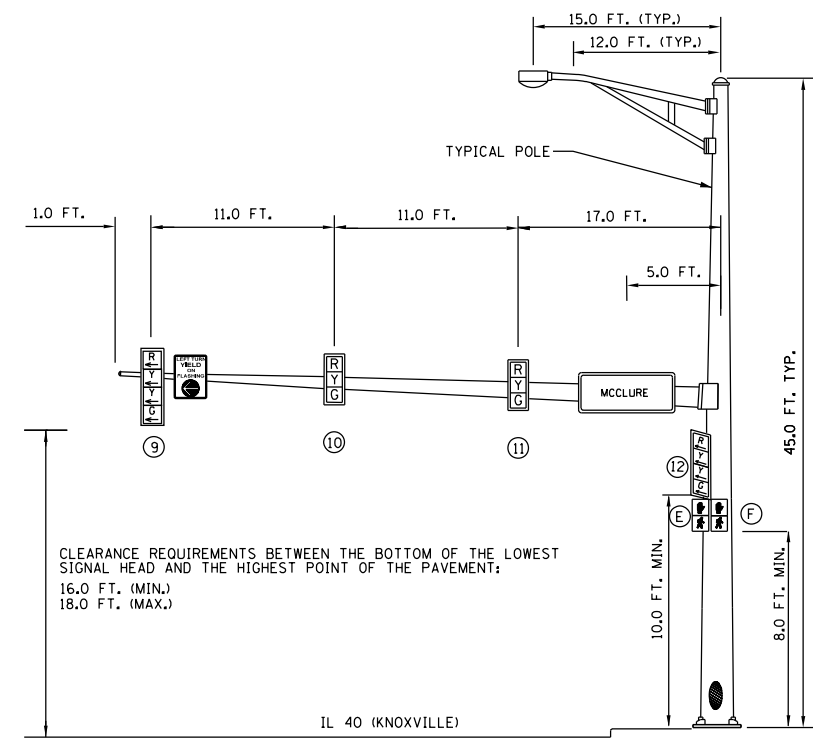
PROPOSED TRAFFIC SIGNAL CABLE AND PHASE DIAGRAMS
IL 40 (KNOXVILLE) & MCCLURE - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

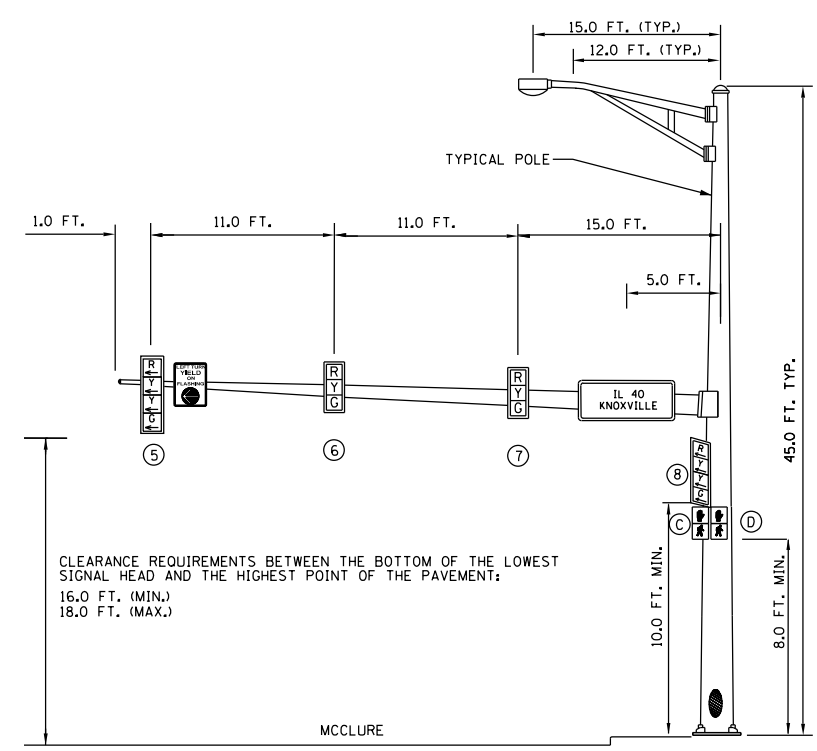
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		



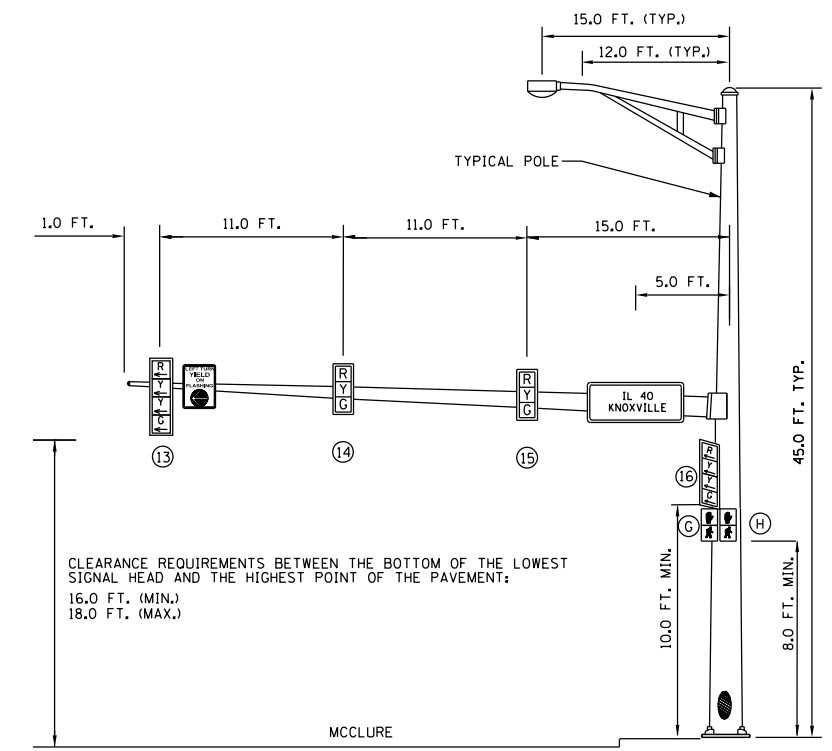
MA-1 60'
NORTHBOUND TRAFFIC SIGNAL
NORTHEAST CORNER OF IL 40 (KNOXVILLE) & MCCLURE



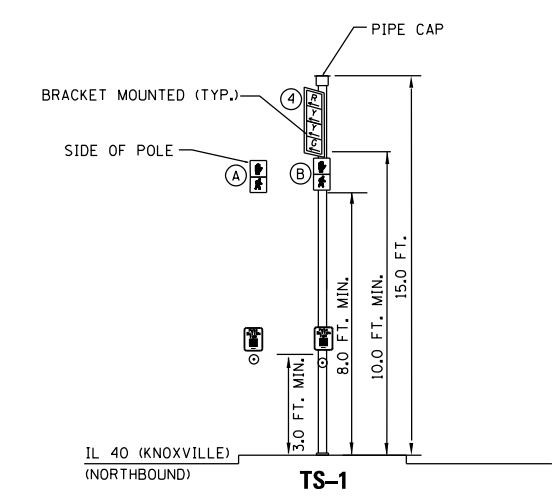
MA-3 40'
(ON EX. FDN)
SOUTHBOUND TRAFFIC SIGNAL
SOUTHWEST CORNER OF IL 40 (KNOXVILLE) & MCCLURE



MA-2 38'
(ON EX. FDN)
EASTBOUND TRAFFIC SIGNAL
SOUTHEAST CORNER OF IL 40 (KNOXVILLE) & MCCLURE



MA-4 38'
(DUAL MAST ARM)
WESTBOUND TRAFFIC SIGNAL
NORTHWEST CORNER OF IL 40 (KNOXVILLE) & MCCLURE



TS-1
TRAFFIC SIGNAL POST
NORTHEAST CORNER OF IL 40 (KNOXVILLE) & MCCLURE

NOT TO SCALE

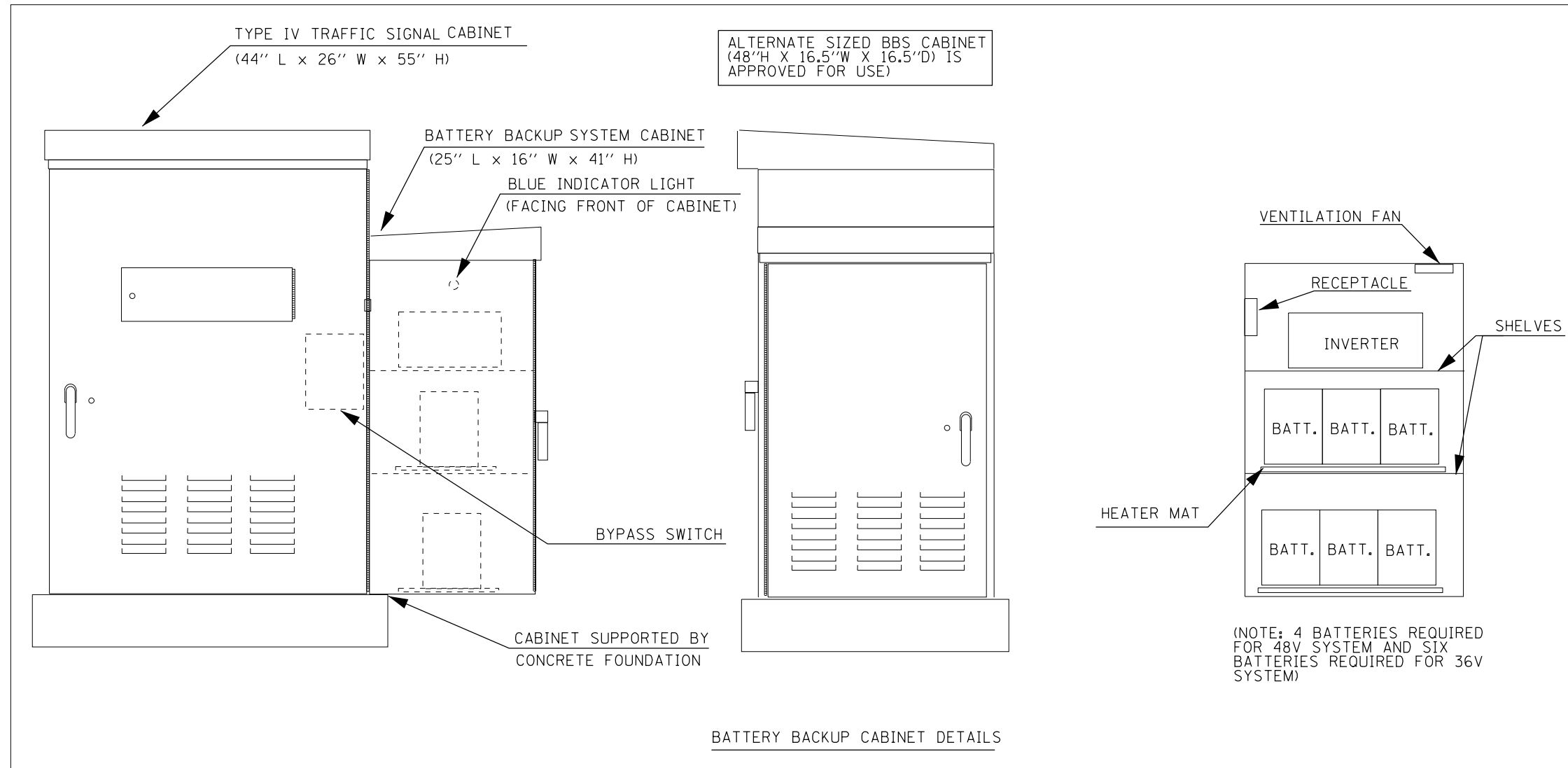
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MAST ARM DETAILS			
IL 40 (KNOXVILLE) & MCCLURE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)R5-4	PEORIA	109	95
CONTRACT NO. 68D15				
ILLINOIS		FED. AID PROJECT		



NOTES

1. THE BATTERY BACKUP SYSTEM CABINET SHALL BE A NEMA TYPE 3R CABINET WITH MINIMUM OUTSIDE DIMENSIONS OF 41" (H) X 25" (W) X 16" (D). THE CABINET SHALL BE EQUIPPED WITH A THREE POINT LATCHING MECHANISM, TWO SHELVES, THERMOSTATICALLY CONTROLLED VENTILATION FAN, AND A POWER RECEPTACLE. THE CABINET SHALL BE MOUNTED TO THE SIDE OF THE PROPOSED TYPE IV CABINET WITH THE BOTTOM OF THE CABINET SUPPORTED BY THE CONCRETE FOUNDATION.
2. ALL CABINET LIGHTS, HEATER STRIPS, VENTILATION FANS, AND SERVICE RECEPTACLES SHALL BE BYPASSED WHEN THE BATTERY BACKUP UNIT IS OPERATING IN BATTERY MODE.
3. THE BATTERY BACKUP UNITS CONTACTS SHALL BE WIRED TO PROVIDE LOCAL CONTROLLER ALARMS (AS AVAILABLE IN THE PROPOSED CABINETS).
4. THE BYPASS SWITCH SHALL BE AUTOMATIC AND SHALL BE INSTALLED IN THE BBS CABINET.

NOT TO SCALE

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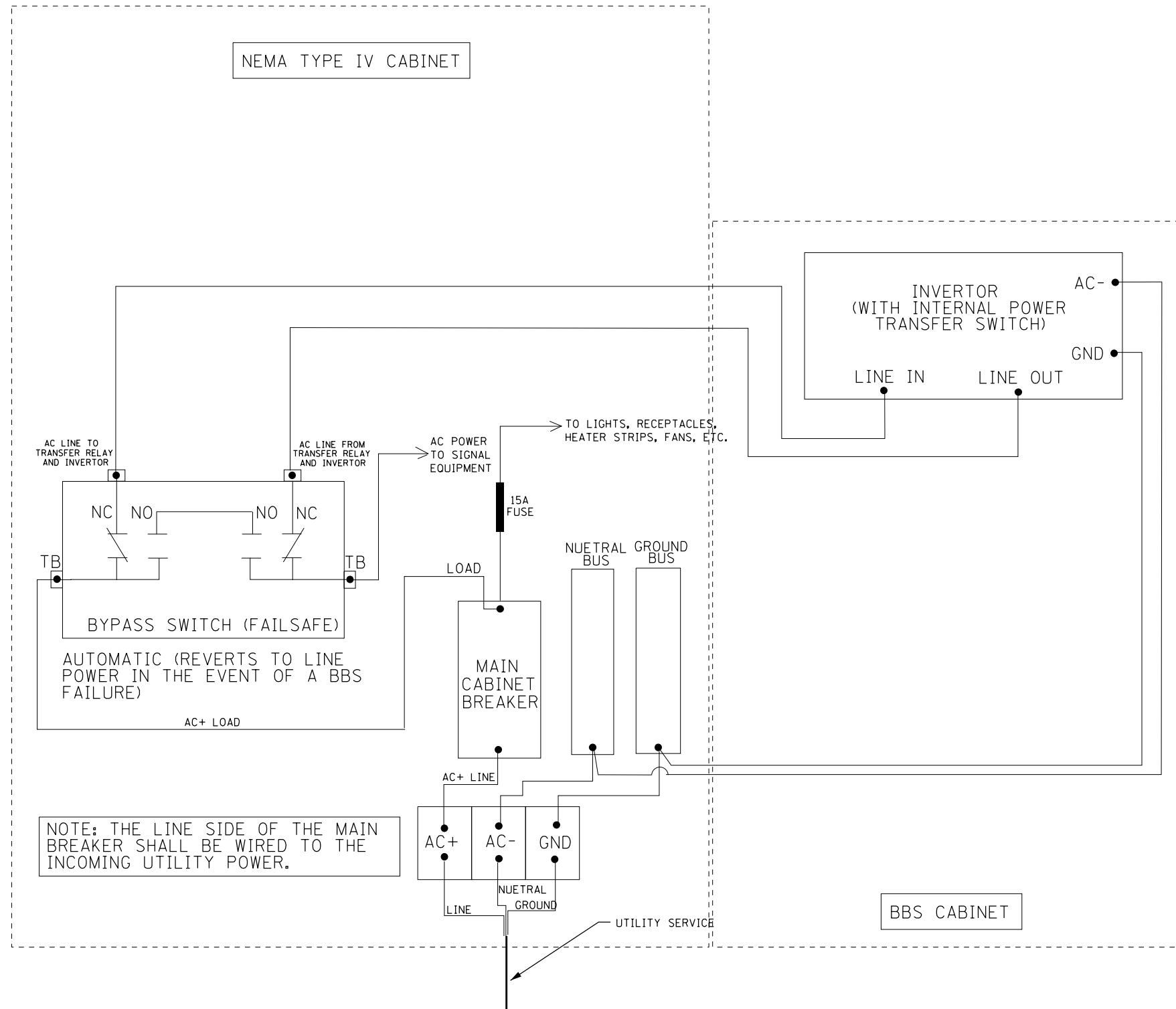
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BATTERY BACKUP SYSTEM CABINET DETAIL			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)R5-4	PEORIA	109	96
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				

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NOT TO SCALE

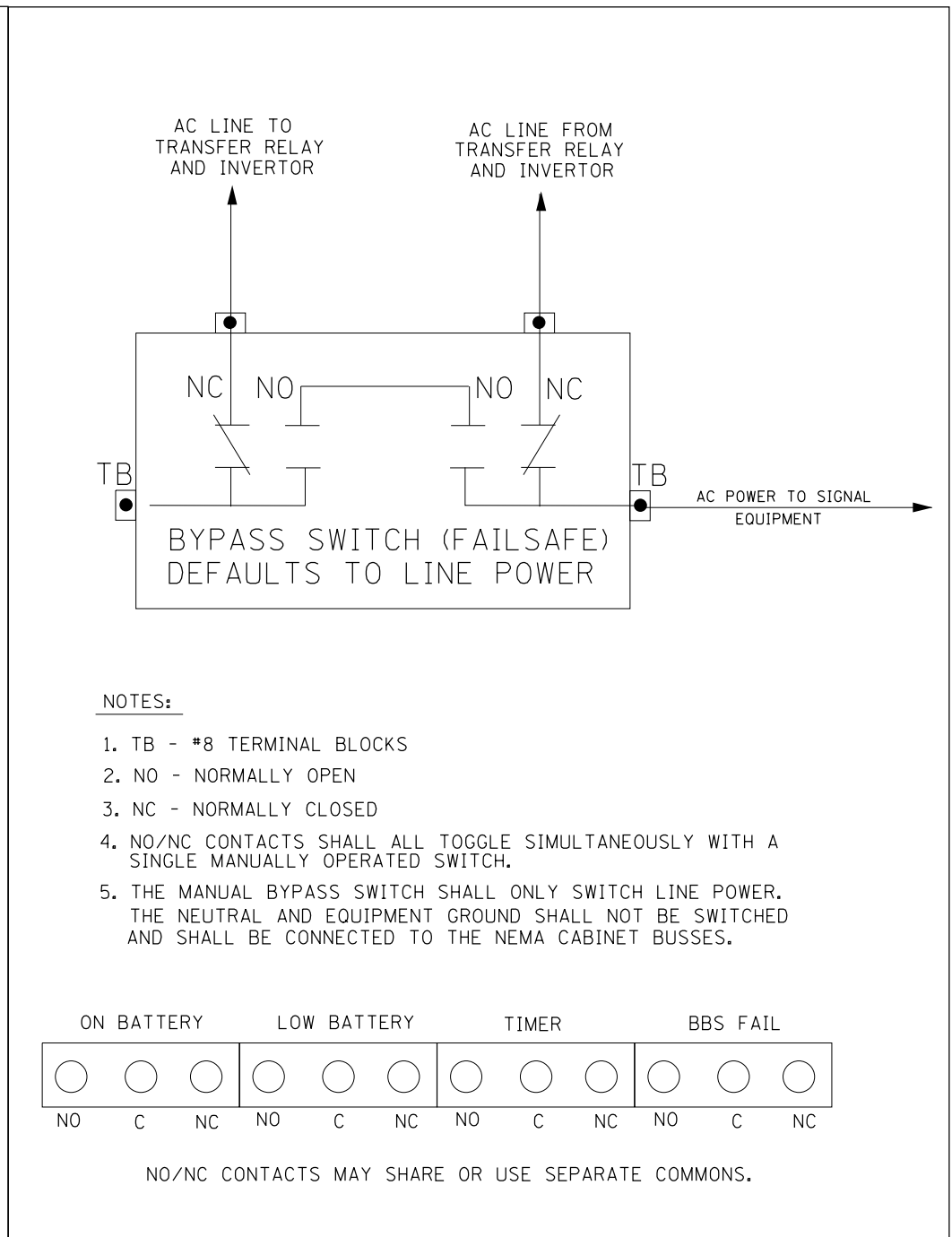
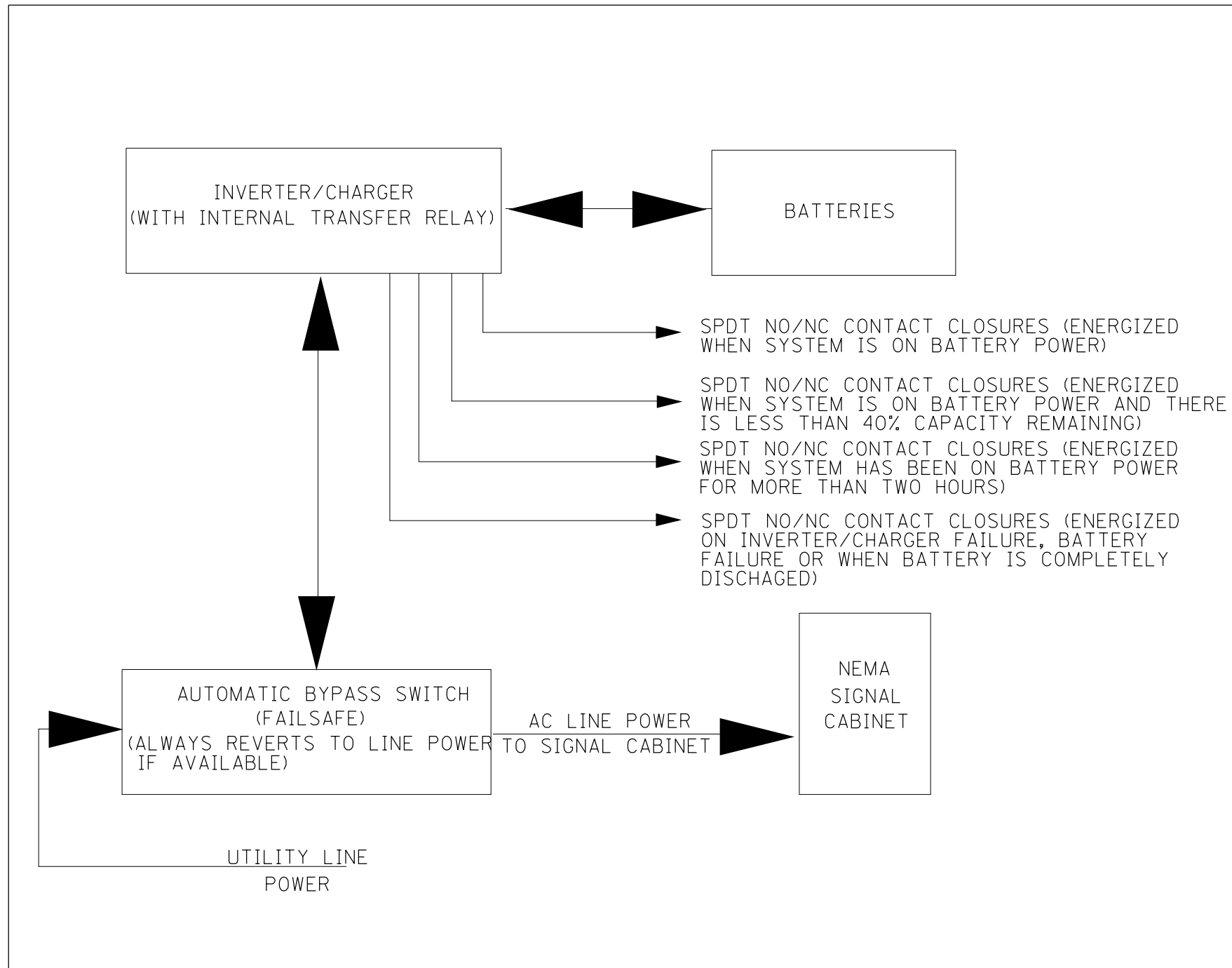
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PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BATTERY BACKUP SYSTEM CABINET WIRING DIAGRAM

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)R5-4	PEORIA	109	97
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



NOT TO SCALE

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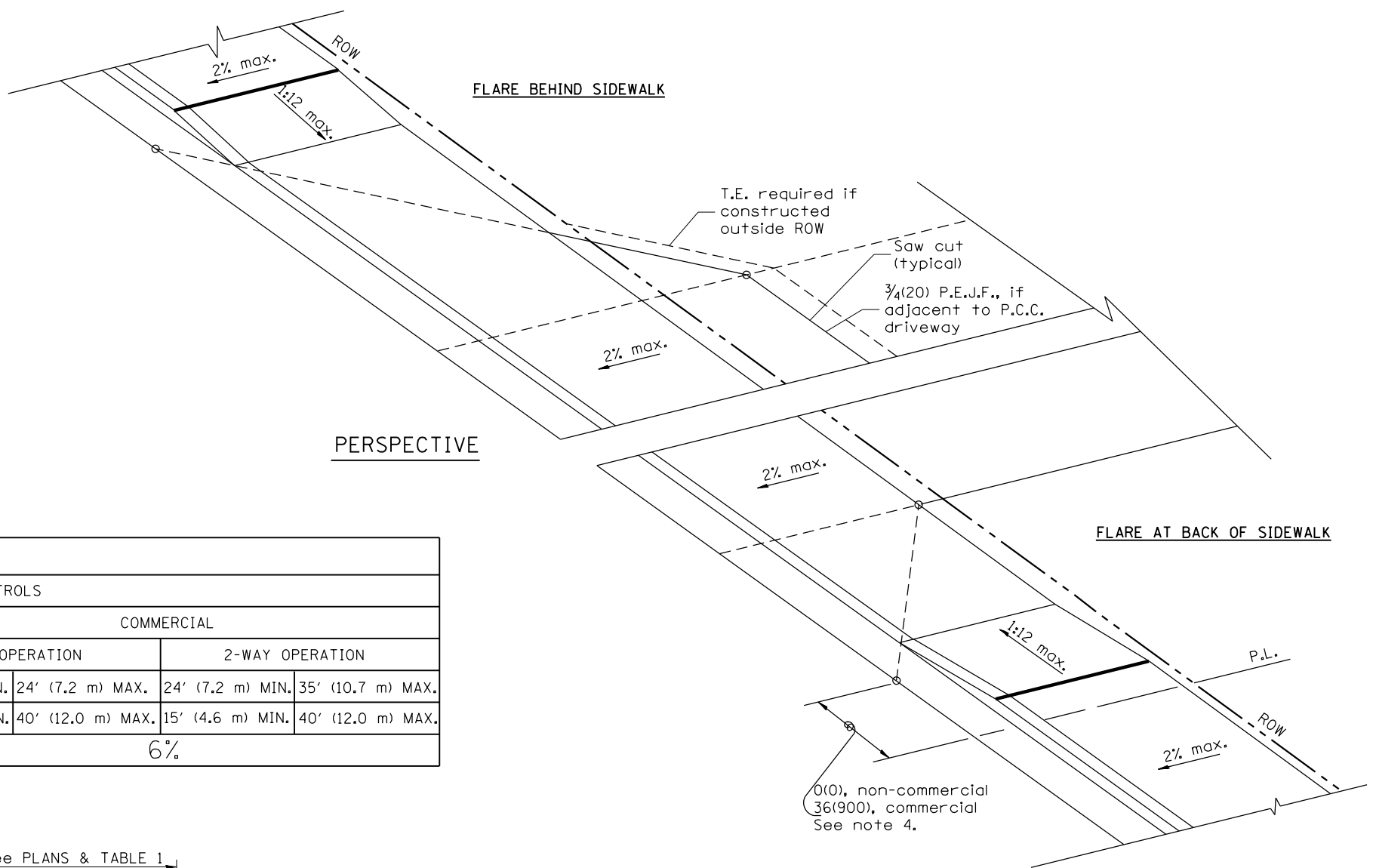
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PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/15/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BATTERY BACKUP SYSTEM BLOCK
AND BYPASS SWITCH DIAGRAMS**

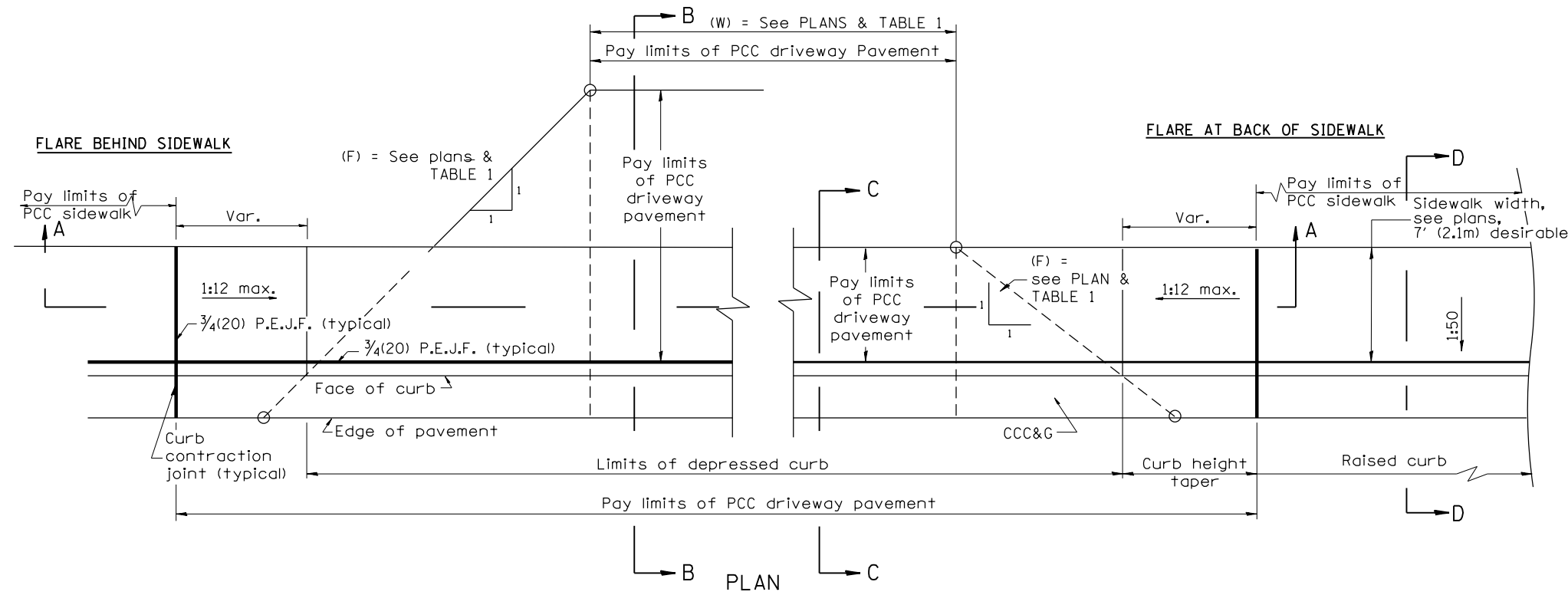
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-C5)R5-4	PEORIA	109	98
CONTRACT NO. 68D15				
ILLINOIS FED. AID PROJECT				



PERSPECTIVE

TABLE 1						
URBAN ENTRANCE DESIGN CONTROLS						
ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6 m) MIN.	24' (7.2 m) MAX.	14' (4.3 m) MIN.	24' (7.2 m) MAX.	24' (7.2 m) MIN.	35' (10.7 m) MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5 m) MIN.	25' (7.6 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.	15' (4.6 m) MIN.	40' (12.0 m) MAX.
MAX. GRADE (G)	8%		6%			



GENERAL NOTES

1. The sidewalk area located within the pay limits of P.C.C. Driveway Pavement will be of the same thickness and construction as the P.C.C. Driveway Pavement.
2. Combination Concrete Curb & Gutter shall be depressed in accordance with Standard 606001.
3. Exceptions to the radius flare/property line relationship are as shown in the plans for common entrances, with jointly executed access permits.
4. Refer to State Standard 424026 for detectable warnings at busy commercial entrances.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-103.02, NEW REVISION BOX,	T.P.	03-15-12	REMOVED HATCHING ON RAMPS	R.D.
	REVISED GENERAL NOTES				
09-15-05	REVISED DESIGNER NOTE	M.M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

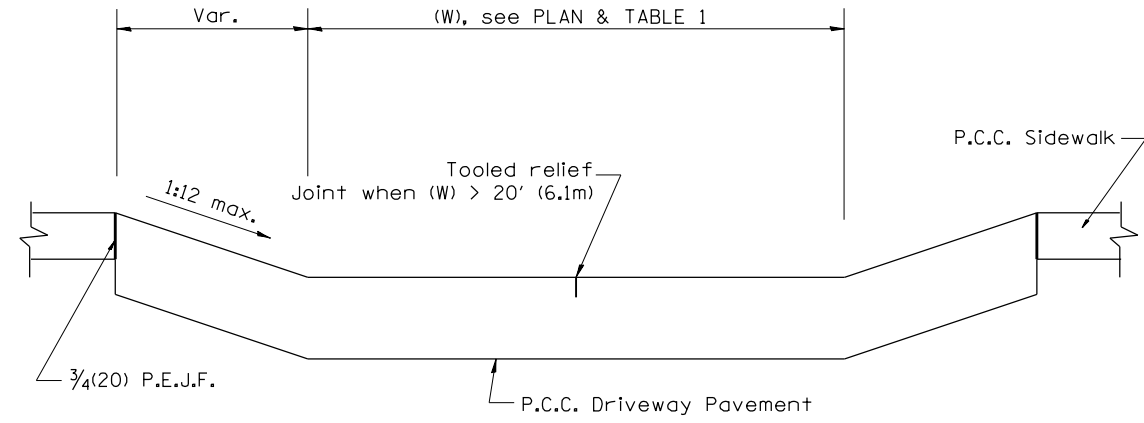
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,
FOR CURBLINE SIDEWALKS

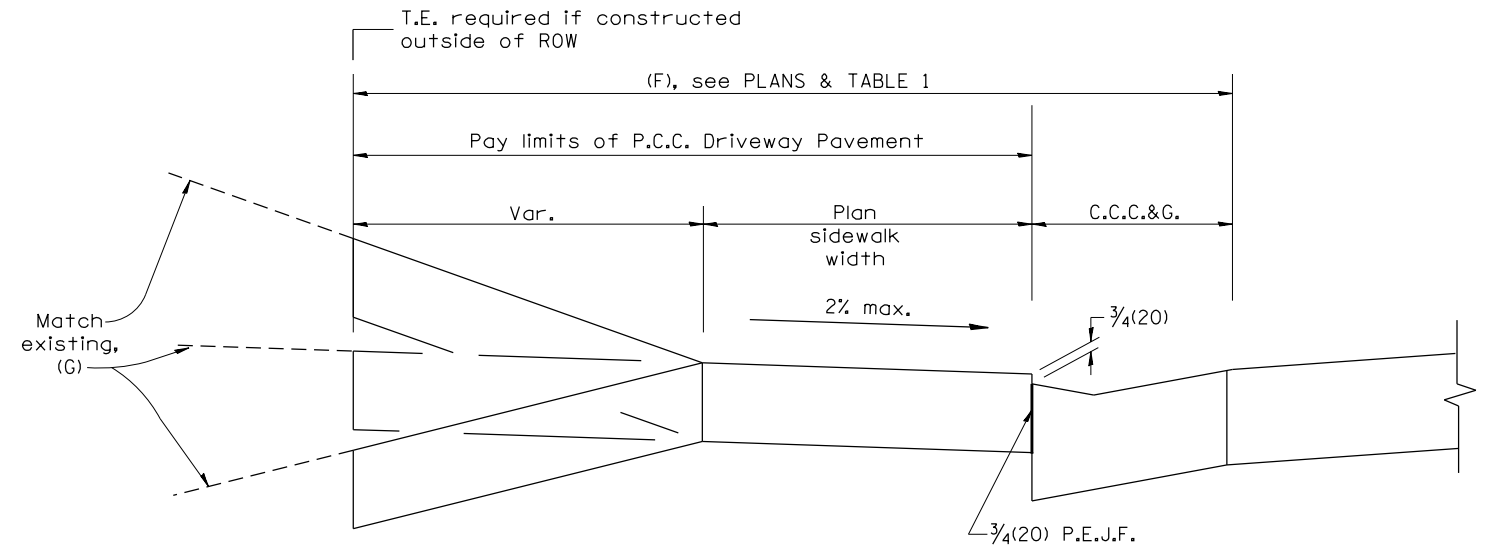
NOT TO SCALE

SHT. 1 OF 2
CADD STD. 423101-D4

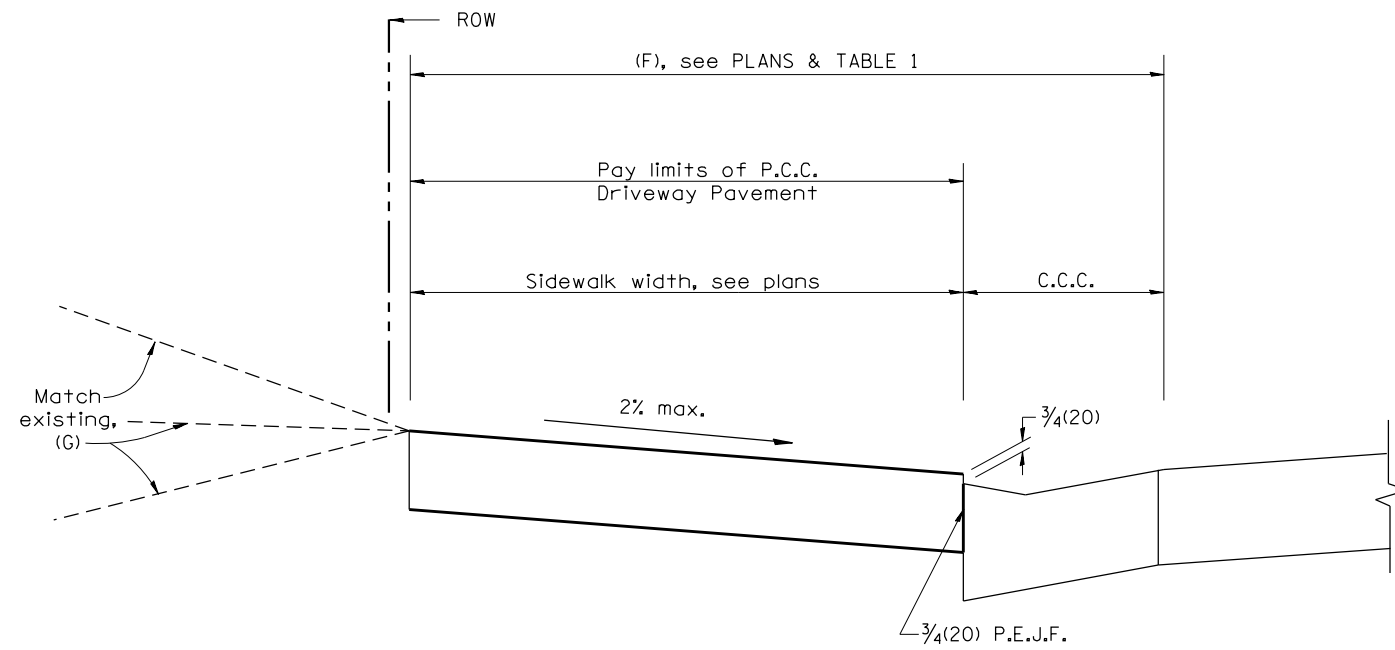
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	99
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68D15	



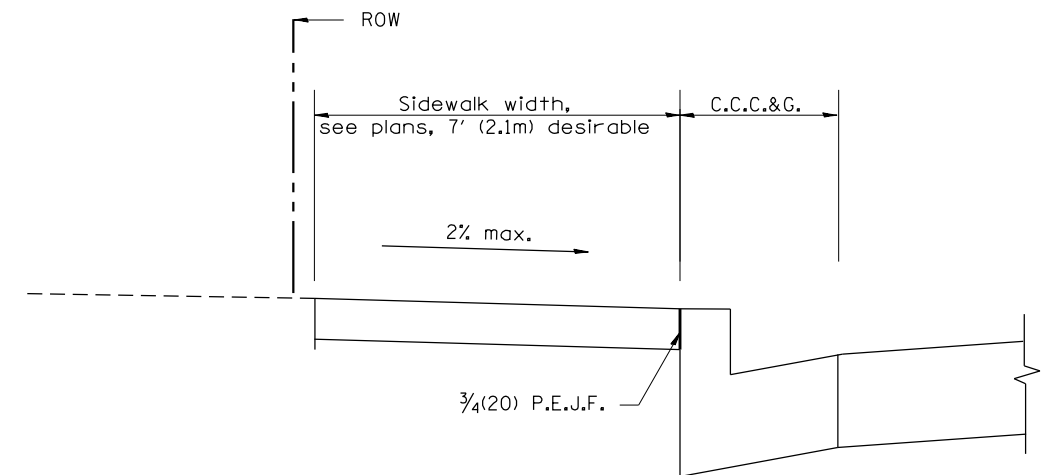
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

All dimensions are in inches (millimeters) unless otherwise noted.

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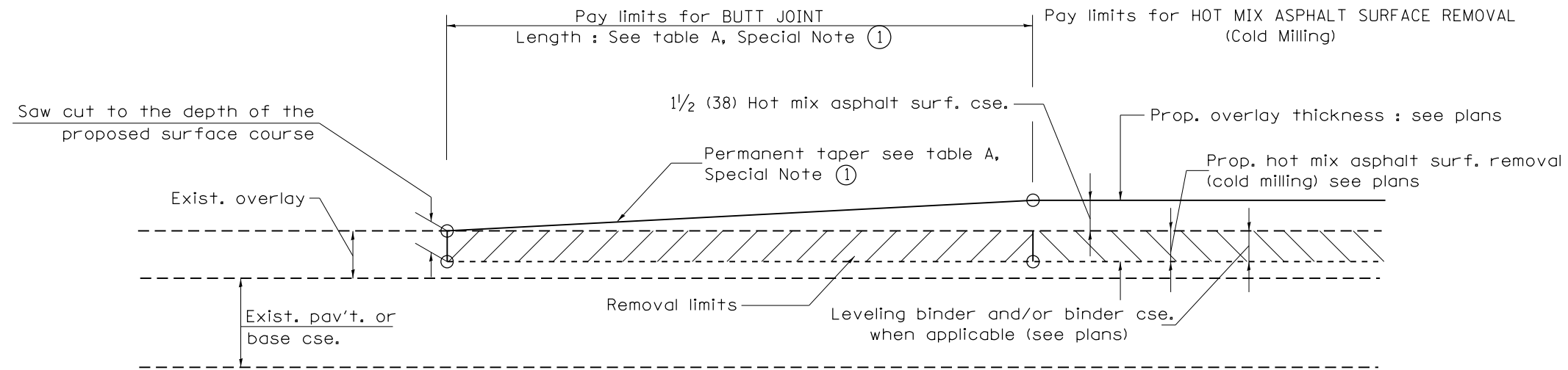
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

URBAN ENTRANCES ACCESSIBLE TO THE DISABLED,
FOR CURBLINE SIDEWALKS

SHT. 2 OF 2
CADD STD. 423101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68D15	



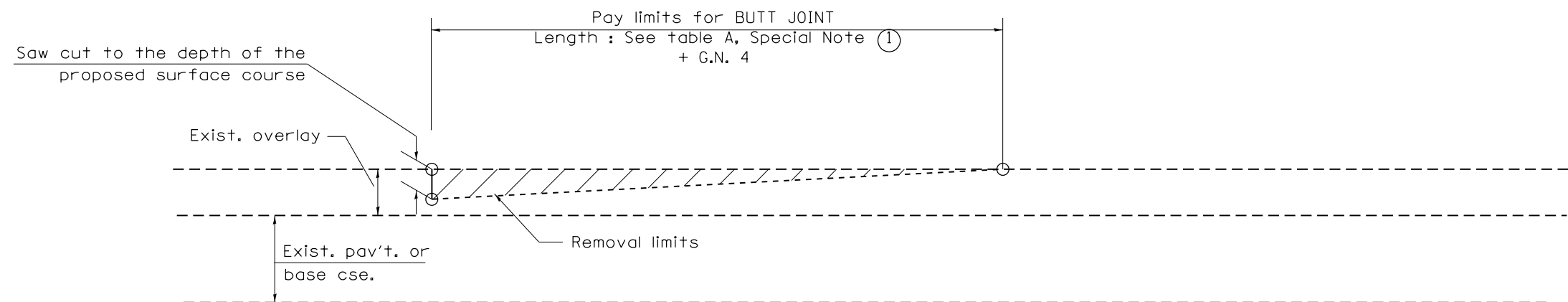
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



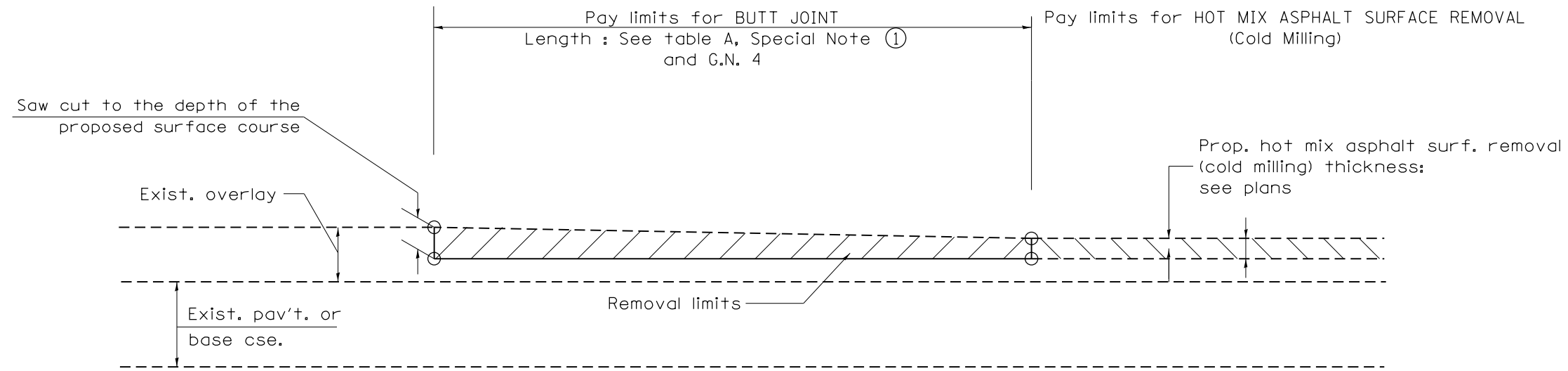
CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in inches (millimeters) unless otherwise noted.

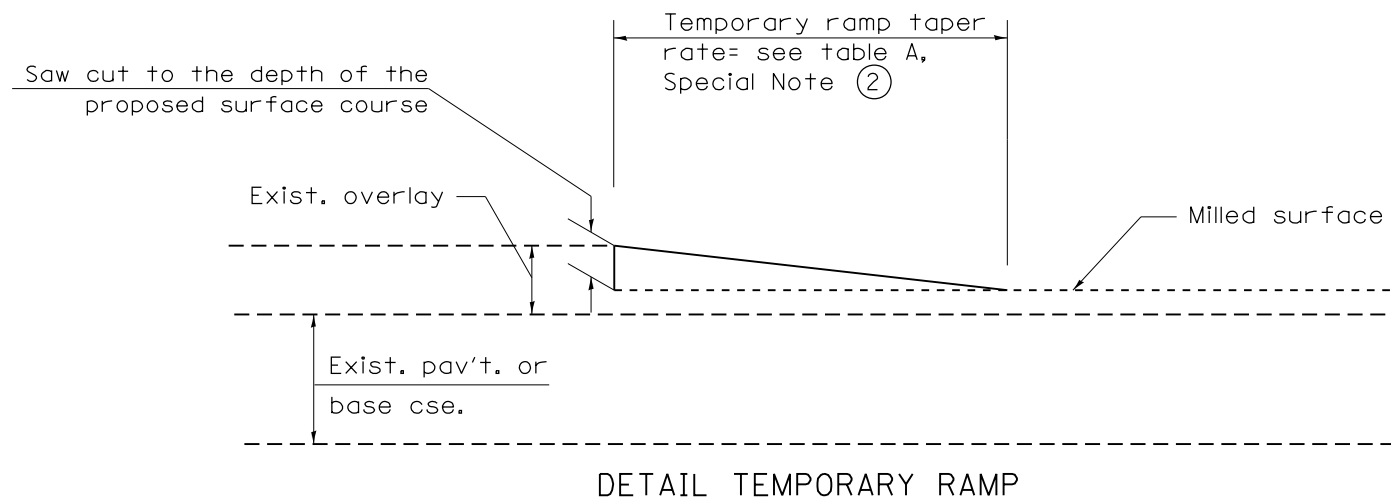
01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.	08-21-13	MAJOR MODIFICATIONS	R.D.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
04-01-97	CORRECTION TO DEPTH	J.A.	02-29-16	MINOR CORRECTIONS	R.D.			646	(43-1-CS)RS-4	PEORIA	109	101
09-15-05	REVISED DESIGNER NOTE	M.M.A.	04-12-16	MINOR CORRECTIONS	R.D.			SHT. 1 OF 3 CADD STD. 406101-D4				
10-16-06	REVISED TO 2007 SPEC.	M.A.	02-14-17	ADDED NOTE 5	R.D.			CONTRACT NO. 68D15				

NOT TO SCALE

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

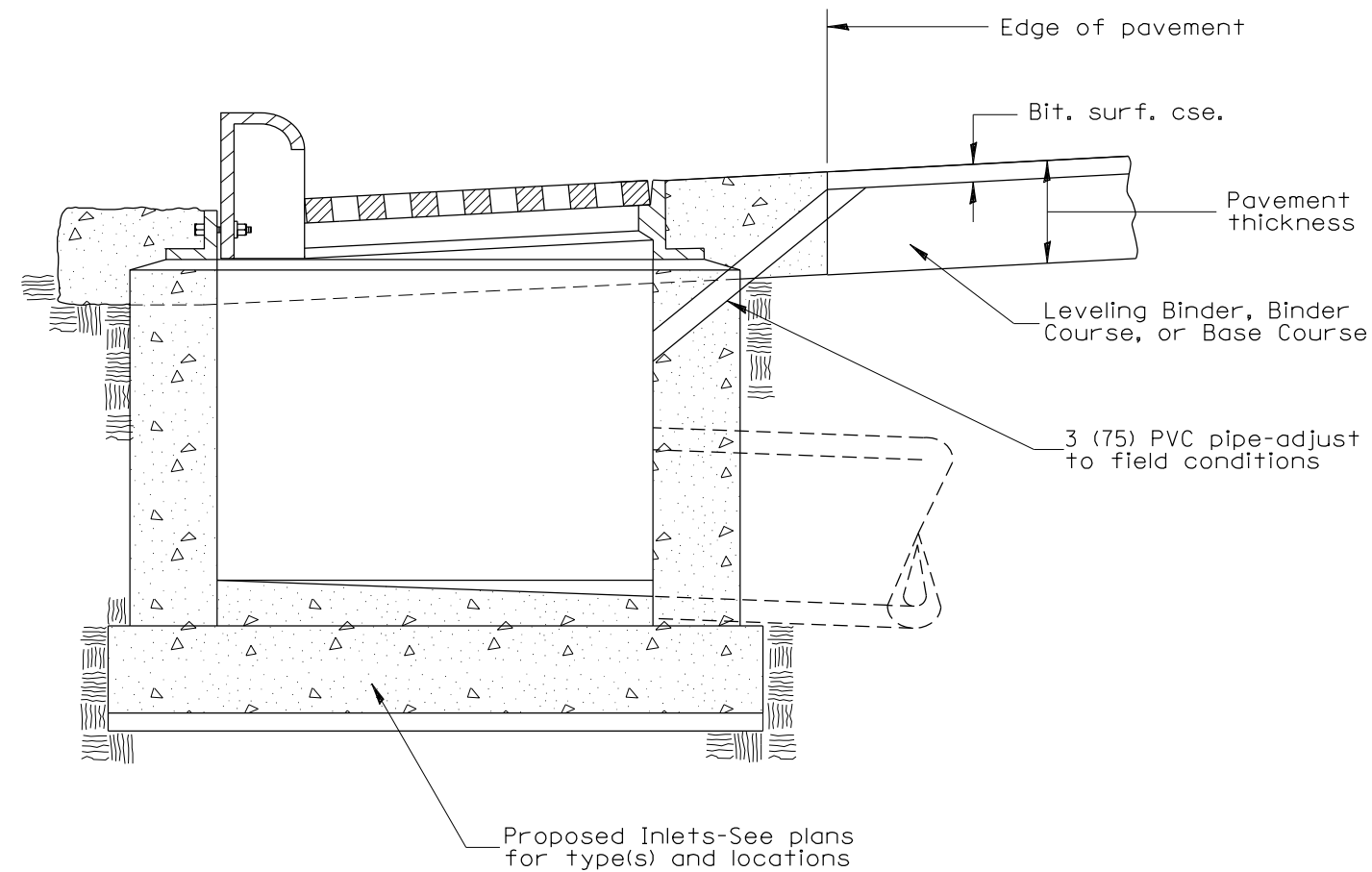


CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



All dimensions are in inches (millimeters) unless otherwise noted.

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE				CONTRACT NO. 68D15	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
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FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT							

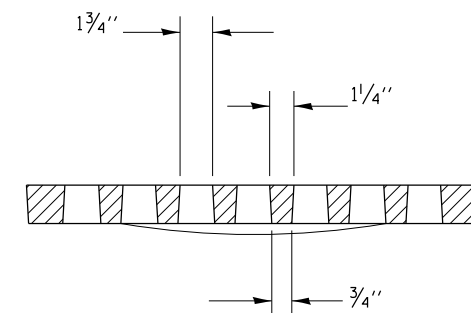
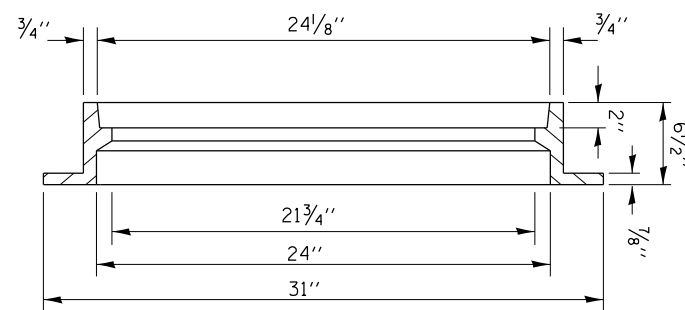
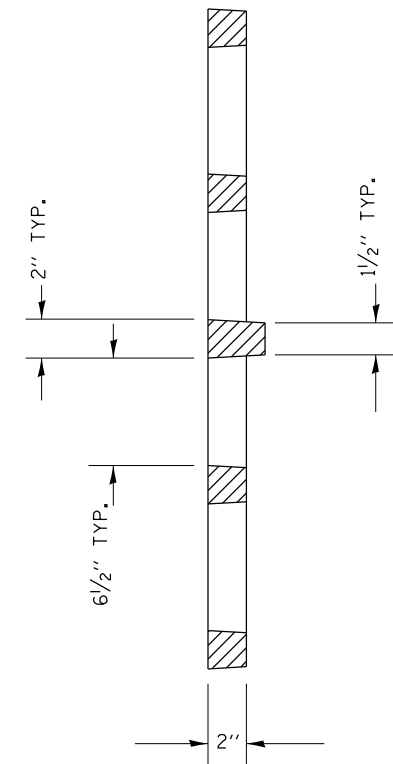
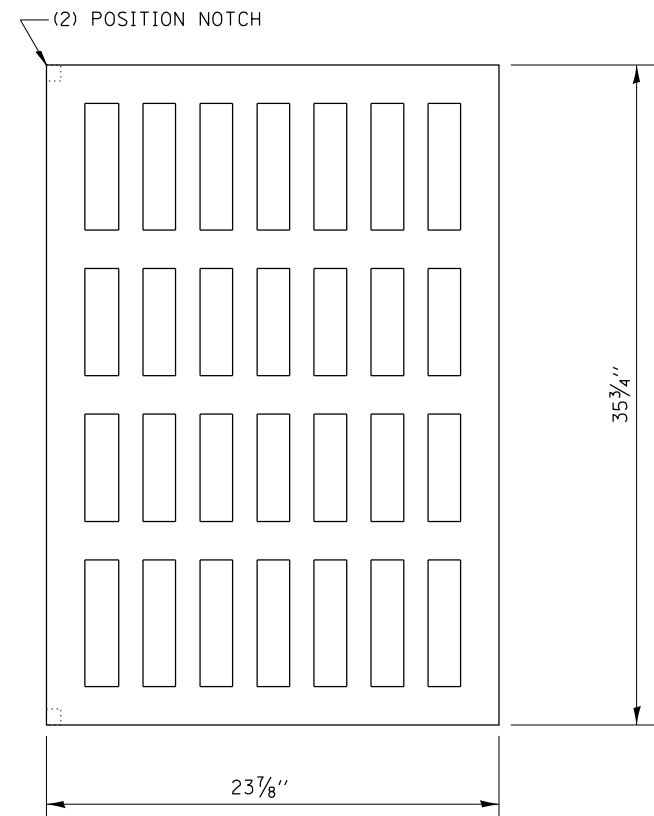
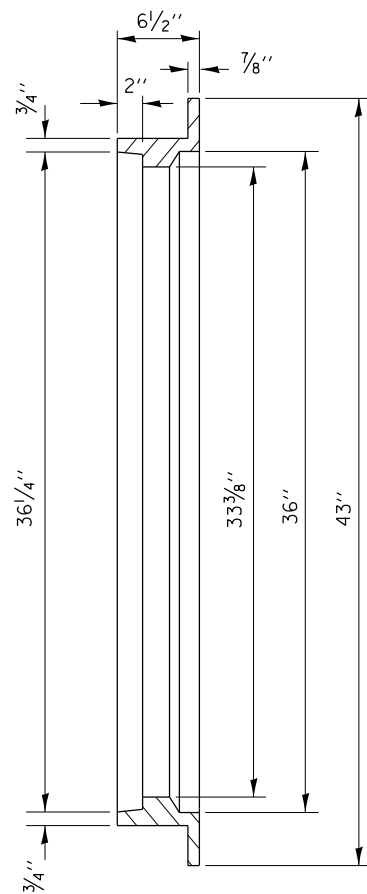
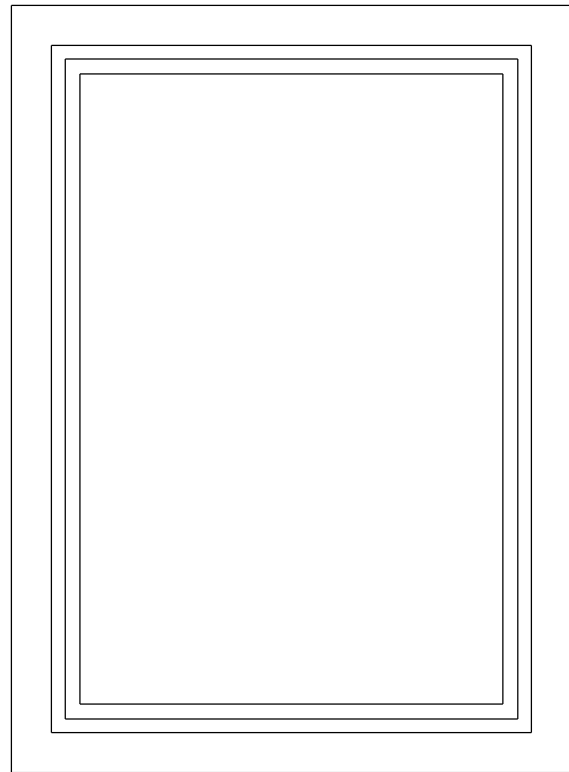


GENERAL NOTES:

1. Temporary Drainage - This work consists of furnishing and installing a 3 (75) PVC pipe in the proposed inlet to facilitate drainage off the pavement prior to the placement of bituminous surface course.
2. Adequate pavement drainage shall be maintained during all phases of construction.
3. The PVC pipe is to be filled with mortar prior to surface course placement.
4. This detail applies to all inlet types.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-4.11, NEW REVISION BOX	T.P.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY INLET DRAINAGE TREATMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12-01-98	CORRECT GENERAL NOTE	J.A.						646	(43-1-CS)RS-4	PEORIA	109	104
10-16-06	REVISED TO 2007 SPEC.	M.A.									CONTRACT NO. 68D15	
							NOT TO SCALE	CADD STD. 602401-D4		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



All dimensions are in inches (millimeters) unless otherwise noted.

10-99	NEW STANDARD	J.A.			
02-00	ADD NOTE & DESIGNER NOTES	J.A.			

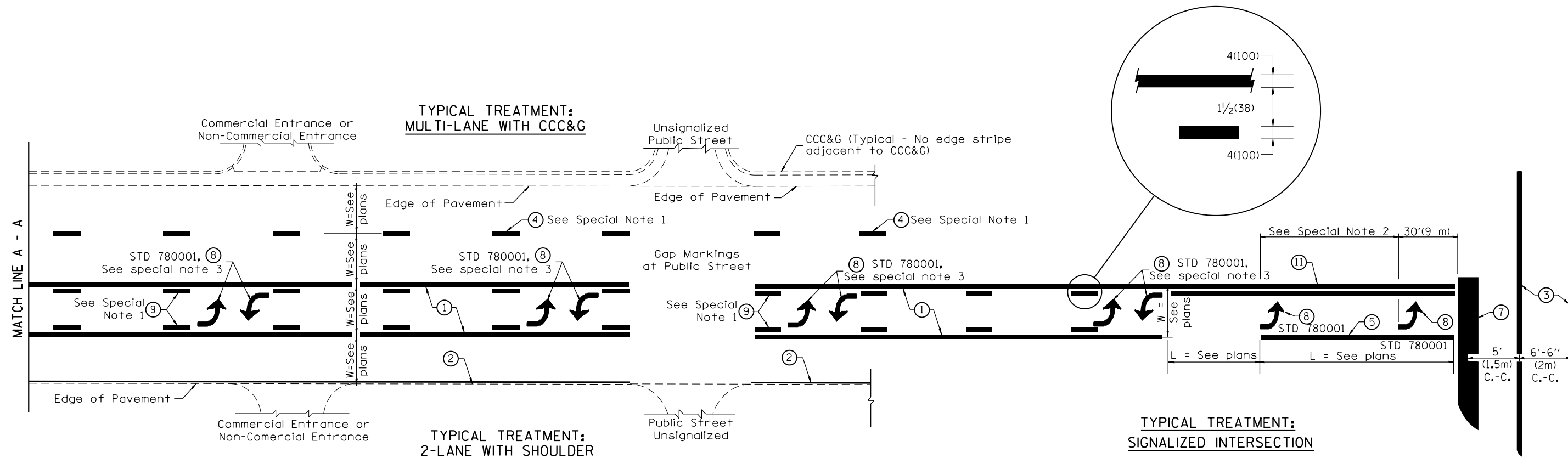
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FRAME AND GRATES FOR TYPE G-2 DRAINAGE STRUCTURES

NOT TO SCALE

CADD STD. 604002-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	106
CONTRACT NO. 68D15				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
Through Arrow= 14.8 sq. ft.
Large Left or Right Arrow= 21.9 sq. ft.
2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
Wrong Way Arrow= 29.5 sq. ft.
Railroad Crossing Symbol= 69.8 sq. ft.
(For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.			
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

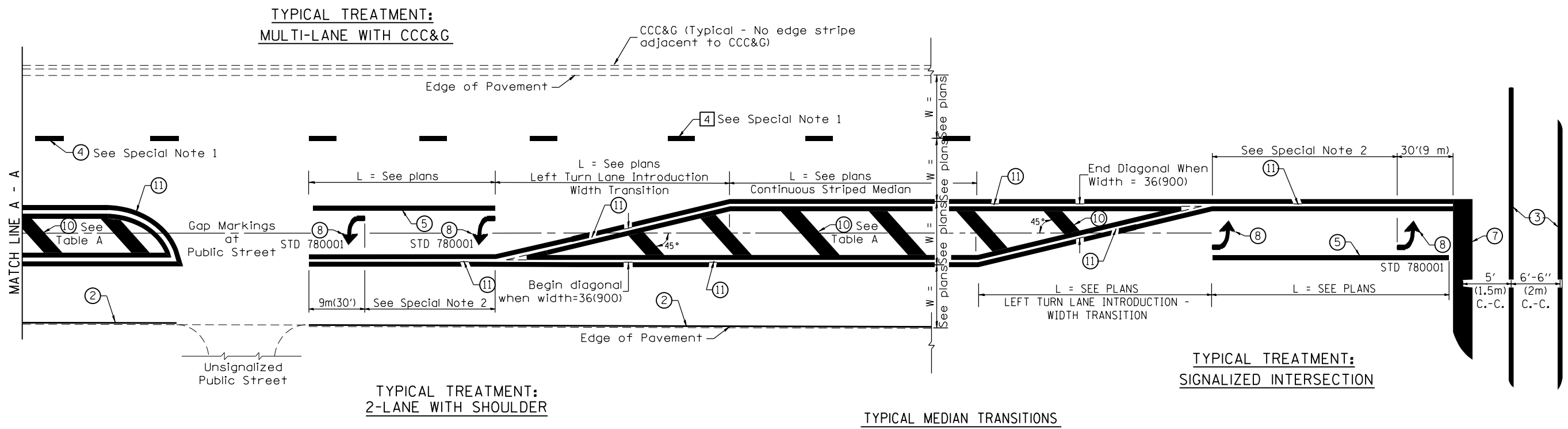
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

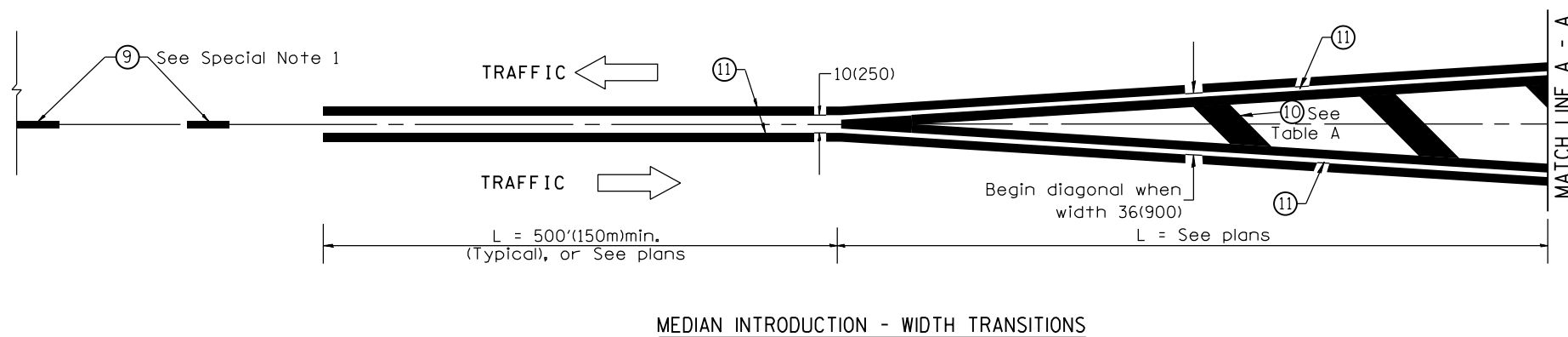
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	(43-1-CS)RS-4	PEORIA	109	108
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68D15	



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



All dimensions are in inches (millimeters) unless otherwise noted.