

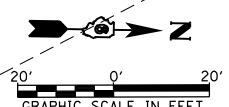
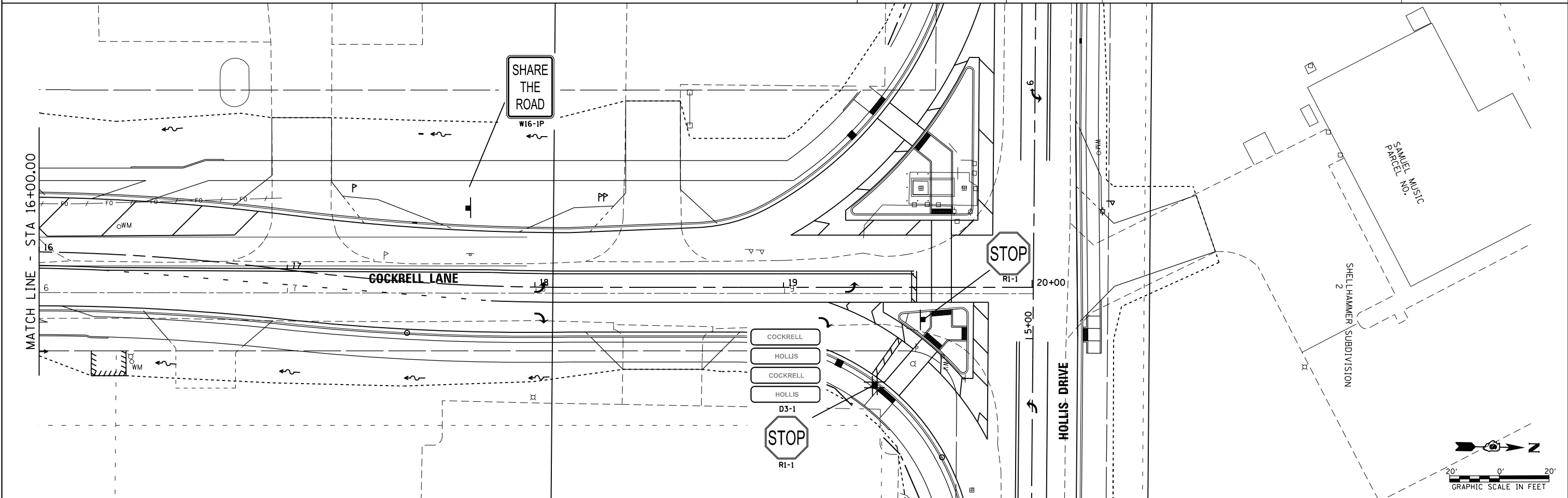
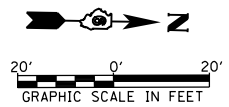
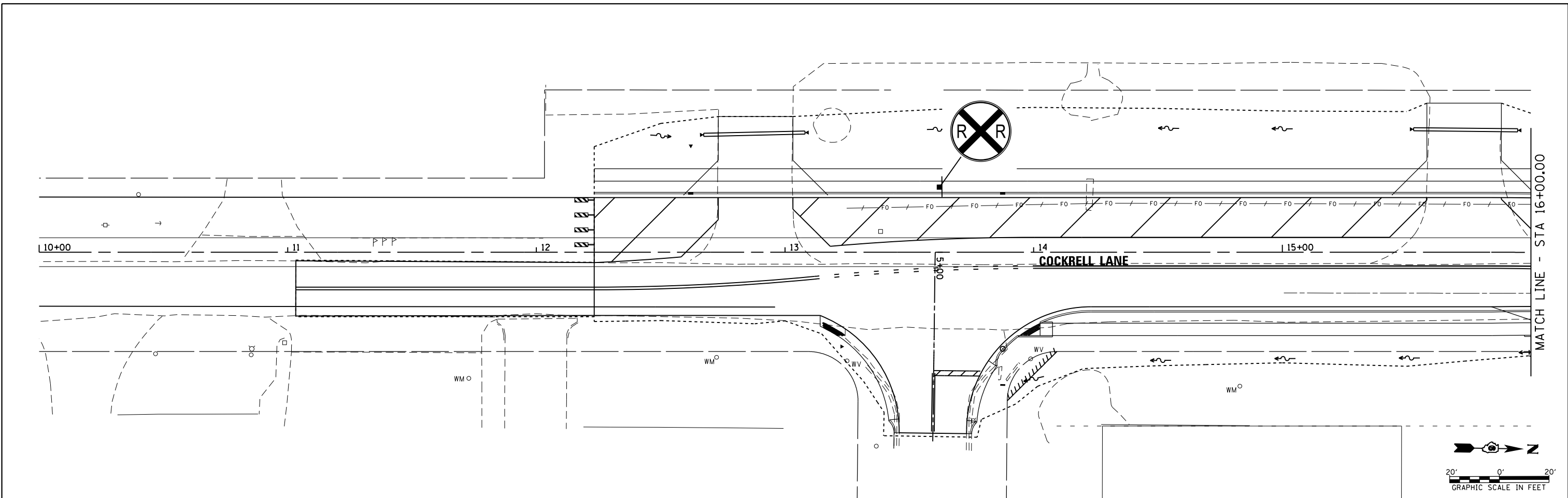
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

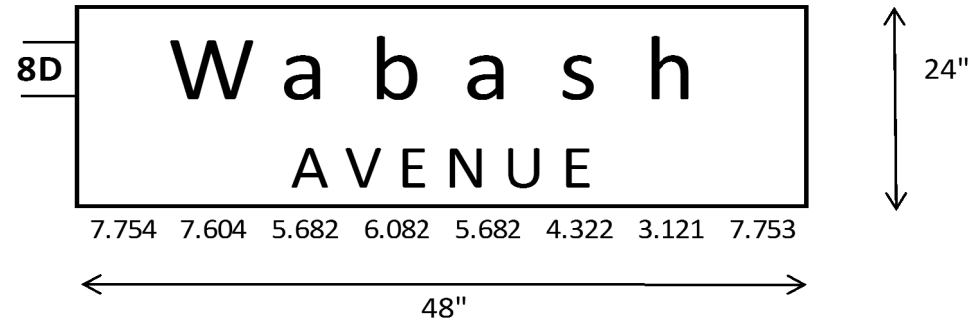
**STADIUM DRIVE
SIGN PLAN**

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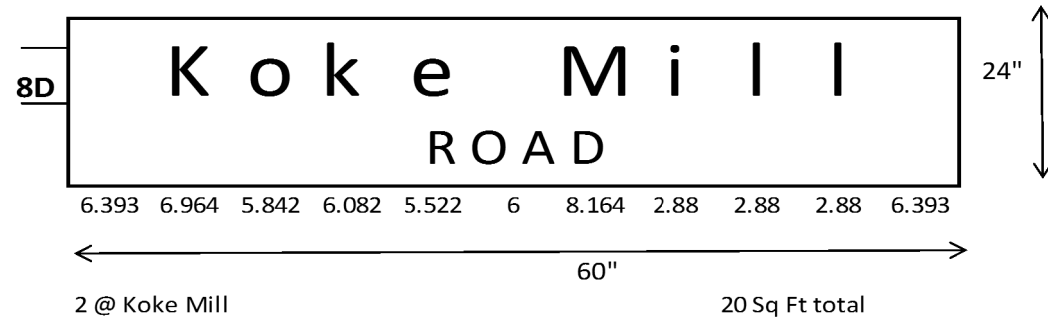
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8012	21(W-3, TS-1, RS-7)	SANGAMON	679	401
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



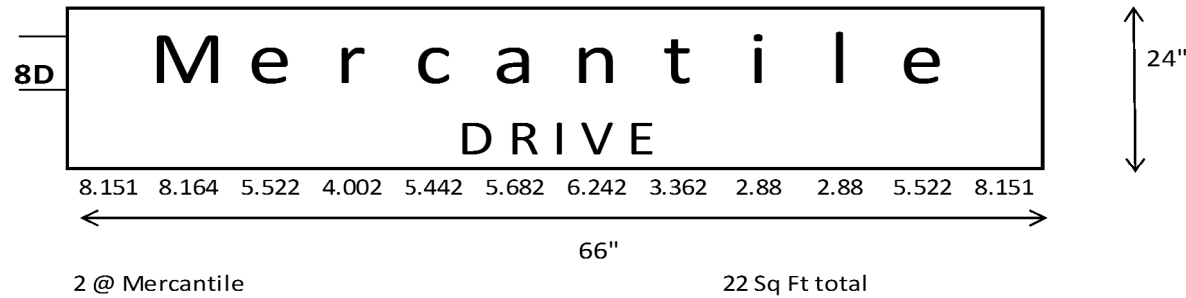
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		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	8012	21(W-3, TS-1, RS-7)	SANGAMON	679	402
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		DATE - 12/04/2013	REVISED -		ILLINOIS FED. AID PROJECT										



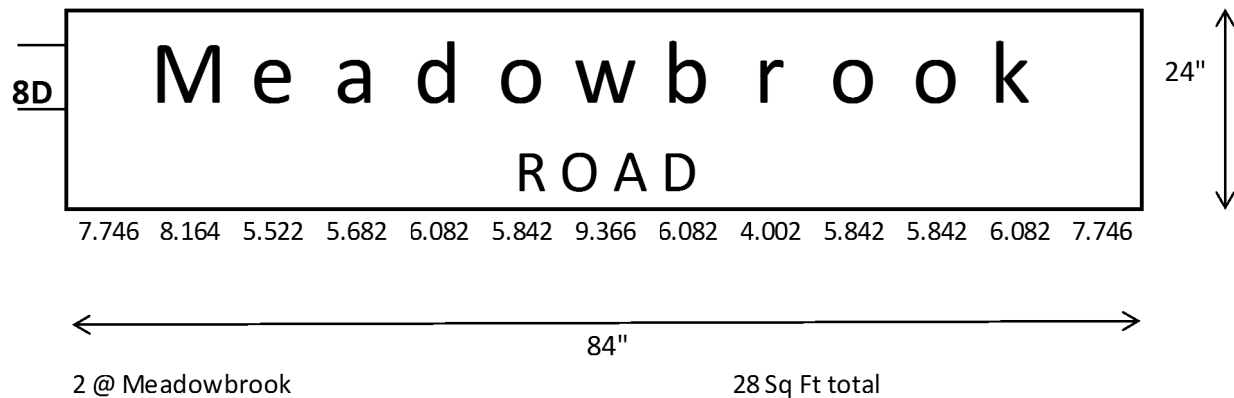
- 1 @ I-72 EB Ramp 8 Sq Ft total
- 1 @ I-72 WB Ramp 8 Sq Ft total
- 2 @ Bunker Hill/Ash Grove 16 Sq Ft total
- 1 @ Archer Elevator 8 Sq Ft total
- 2 @ Meadowbrook 16 Sq Ft total
- 2 @ Mercantile 16 Sq Ft total
- 2 @ Koke Mill 16 Sq Ft total



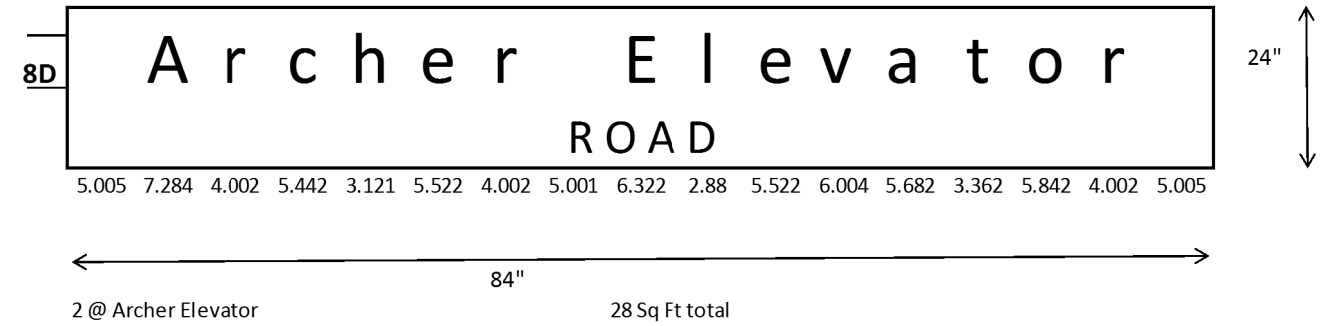
2 @ Koke Mill 20 Sq Ft total



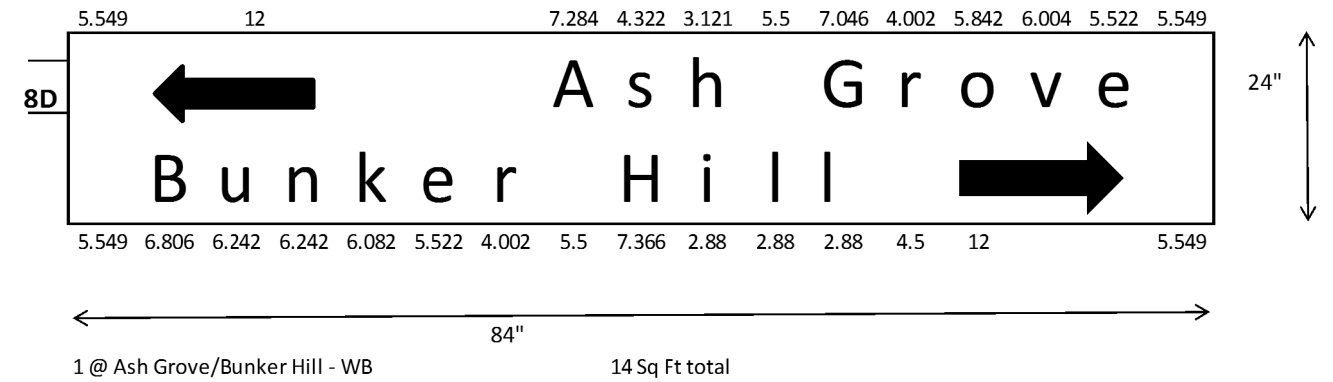
2 @ Mercantile 22 Sq Ft total



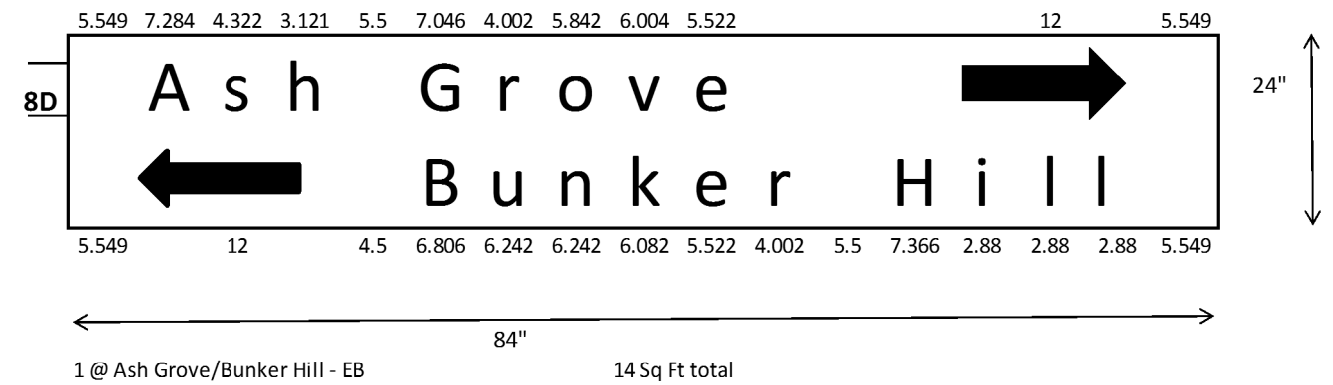
2 @ Meadowbrook 28 Sq Ft total



2 @ Archer Elevator 28 Sq Ft total



1 @ Ash Grove/Bunker Hill - WB 14 Sq Ft total



1 @ Ash Grove/Bunker Hill - EB 14 Sq Ft total

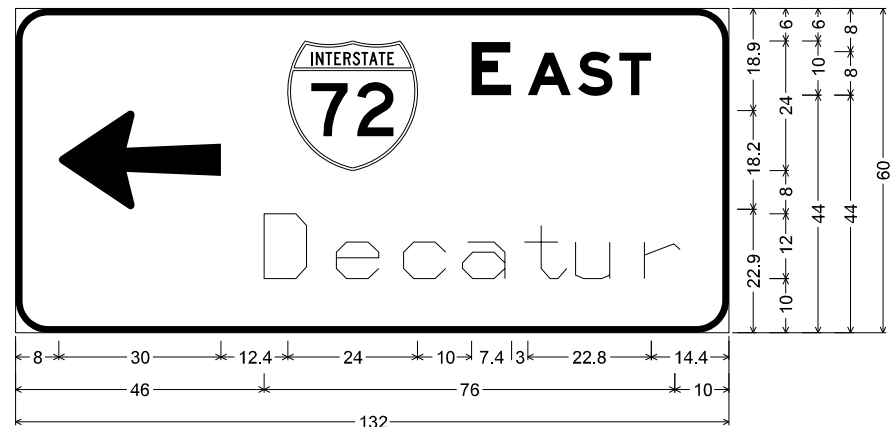
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS

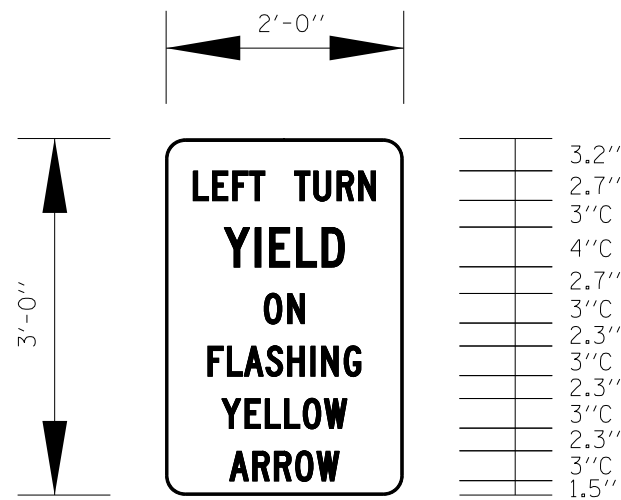
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	.	SANGAMON	679	403
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	



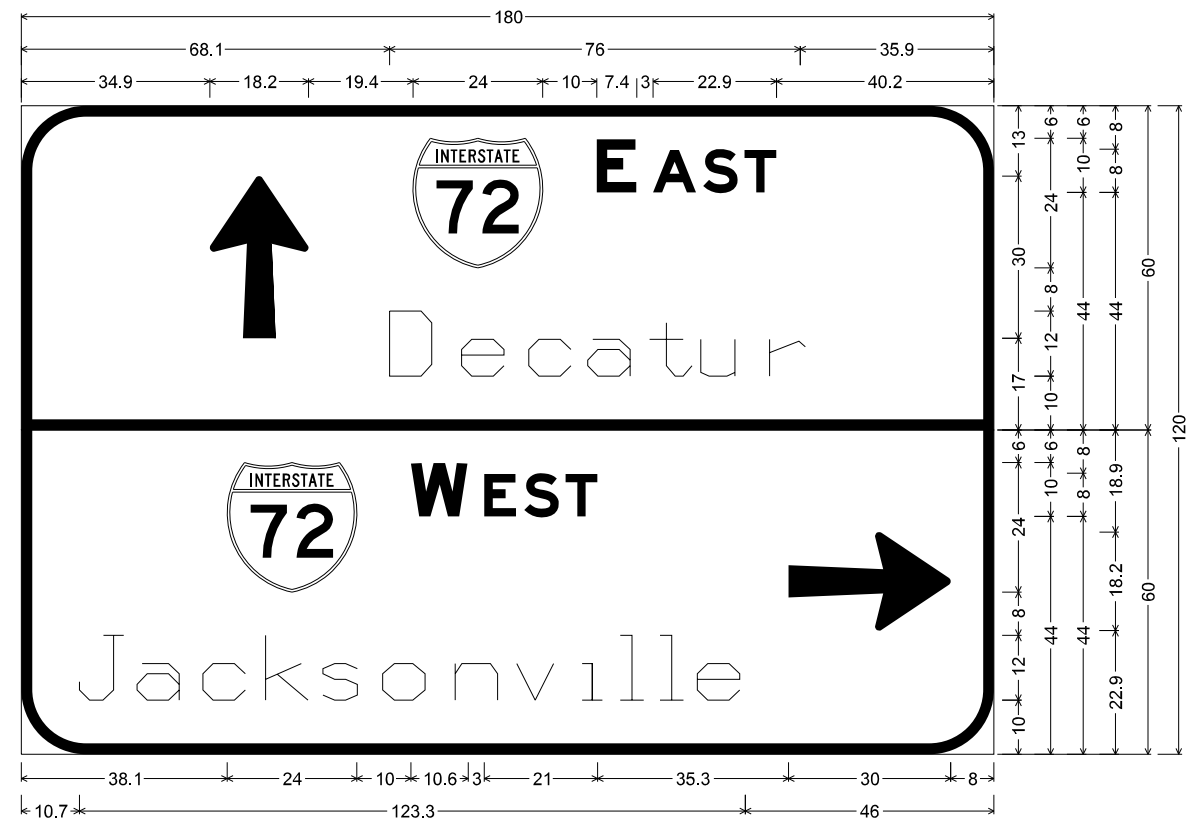
6.0" Radius, 1.3" Border, White on Green;
 Arrow 133 - 30.0" 180°; [E AST] E Mod 2K; [Decatur] ClearviewHwy-5-W;
 Table of letter and object lefts.

←	72	E	A	S	T	
8.0	50.4	84.4	94.8	104.0	111.7	
D	e	c	a	t	u	r
46.0	59.4	71.8	82.7	94.1	103.6	116.4



BORDER
 R=2"
 TH=0.25"

Panel Style: flashing yellow arrow.ssi
 M.U.T.C.D.: 2009 Edition



12.0" Radius, 2.0" Border, White on Green;
 Arrow 133 - 30.0" 90°; [E AST] E Mod 2K; [Decatur] ClearviewHwy-5-W;
 12.0" Radius, 2.0" Border, White on Green;
 [W EST] E Mod 2K; [Jacksonville] ClearviewHwy-5-W; Arrow 133 - 30.0" 0°;
 Table of letter and object lefts.

↑	72	E	A	S	T						
34.9	72.5	106.5	116.9	126.2	133.8						
D	e	c	a	t	u	r					
68.1	81.5	93.9	104.8	116.3	125.8	138.5					
72	W	E	S	T	⇒						
38.1	72.1	85.7	93.1	100.7	142.0						
J	a	c	k	s	o	n	v	i	l	l	e
10.7	21.4	33.6	45.2	55.8	66.9	80.3	91.7	103.8	110.8	118.2	125.1

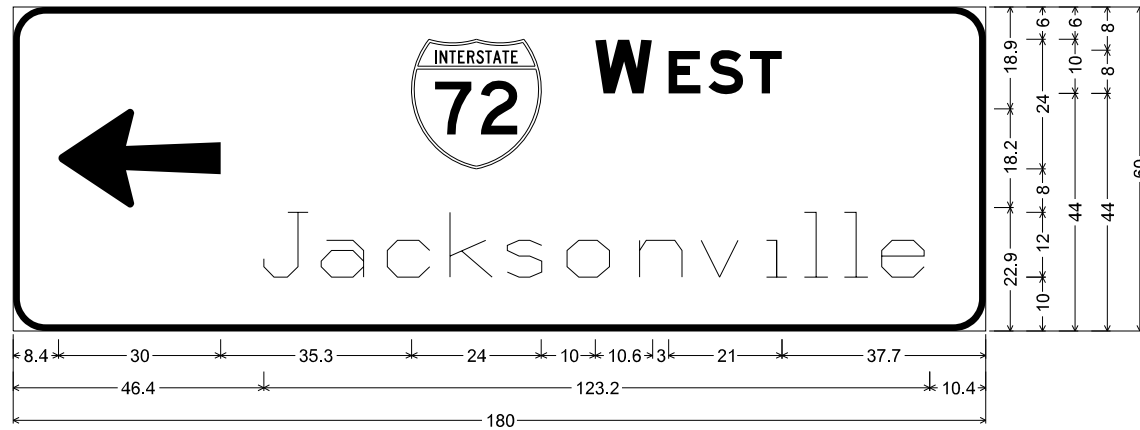
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGN DETAILS

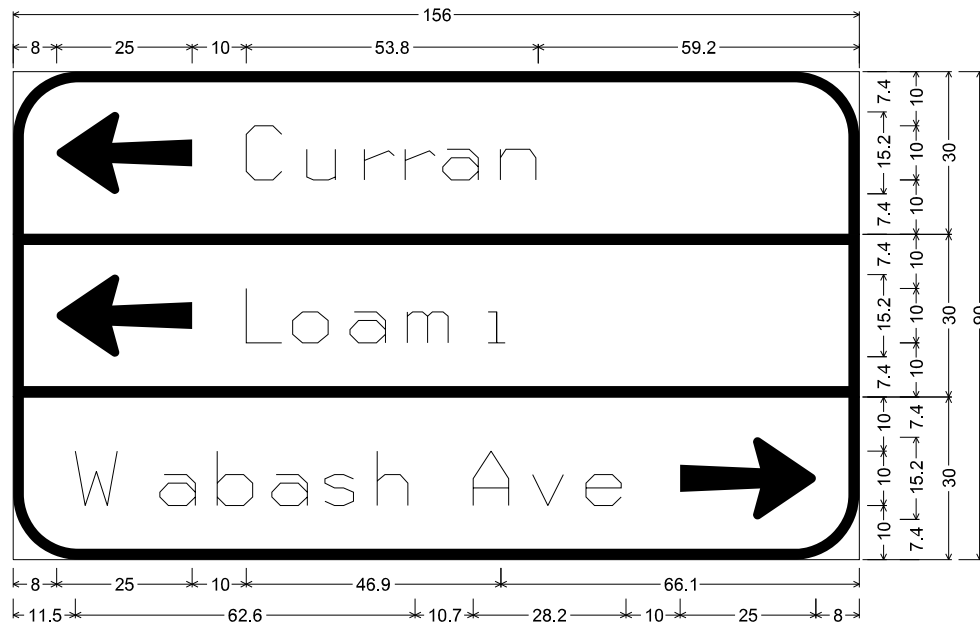
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	•	SANGAMON	679	404
			CONTRACT NO. 72890	



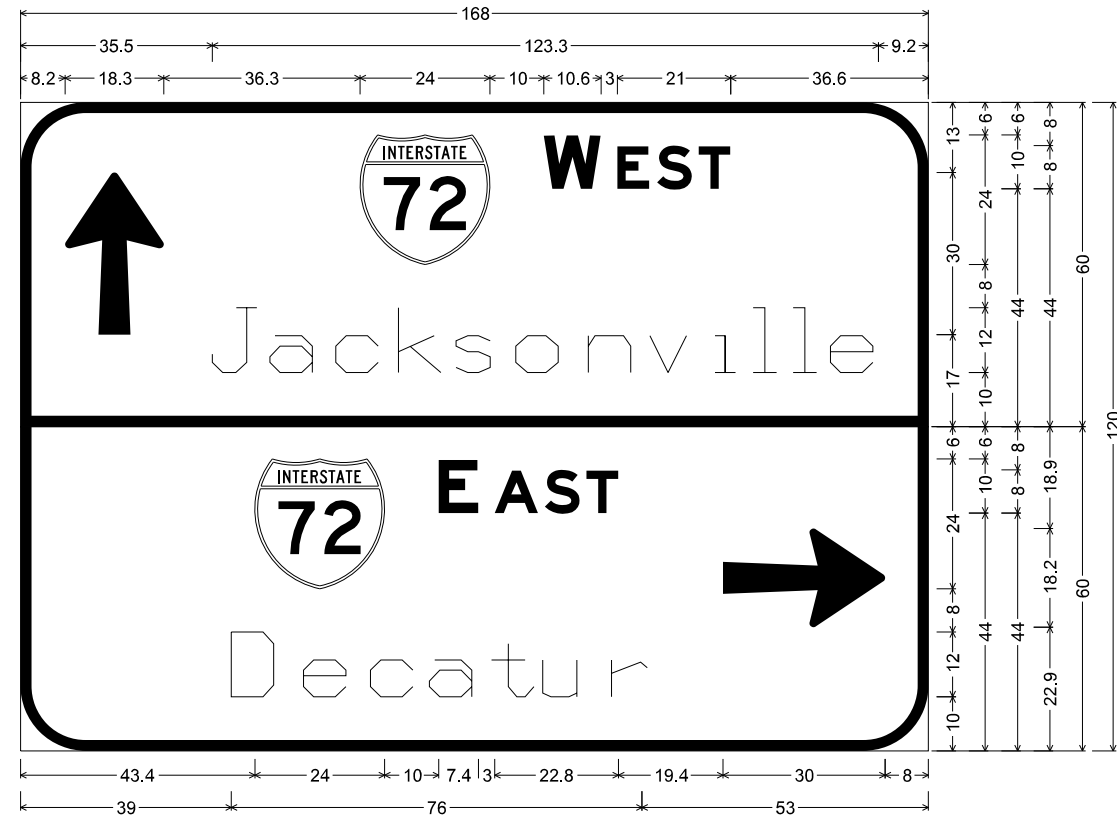
6.0" Radius, 1.3" Border, White on Green;
 Arrow 133 - 30.0" 180°; [W EST] E Mod 2K; [Jacksonville] ClearviewHwy-5-W;
 Table of letter and object lefts.

←	⬆	W	E	S	T						
8.4	73.7	107.7	121.3	128.7	136.4						
J	a	c	k	s	o	n	v	i	l	l	e
46.4	57.0	69.2	80.8	91.5	102.5	115.9	127.3	139.4	146.4	153.8	160.7



12.0" Radius, 2.0" Border, White on Green;
 Arrow 80 - 25.0" 180°; [Curran] ClearviewHwy-5-W;
 12.0" Radius, 2.0" Border, White on Green;
 Arrow 80 - 25.0" 180°; [Loam1] ClearviewHwy-5-W;
 12.0" Radius, 2.0" Border, White on Green;
 [Wabash Ave] ClearviewHwy-5-W; Arrow 80 - 25.0" 0°;
 Table of letter and object lefts.

←	C	u	r	r	a	n			
8.0	43.0	54.1	64.8	72.3	79.2	89.8			
←	L	o	a	m	1				
8.0	43.0	51.5	62.1	72.7	87.6				
W	a	b	a	s	h	A	v	e	→
11.5	27.1	37.6	47.7	57.5	67.1	84.8	95.8	105.6	123.0



12.0" Radius, 2.0" Border, White on Green;
 Arrow 133 - 30.0" 90°; [W EST] E Mod 2K; [Jacksonville] ClearviewHwy-5-W;
 12.0" Radius, 2.0" Border, White on Green;
 [E AST] E Mod 2K; [Decatur] ClearviewHwy-5-W; Arrow 133 - 30.0" 0°;
 Table of letter and object lefts.

↑	⬆	W	E	S	T						
8.2	62.8	96.8	110.4	117.8	125.5						
J	a	c	k	s	o	n	v	i	l	l	e
35.5	46.1	58.3	69.9	80.6	91.6	105.1	116.4	128.5	135.6	143.0	149.9
⬆	E	A	S	T	⇒						
43.4	77.4	87.8	97.0	104.7	130.0						
D	e	c	a	t	u	r					
39.0	52.4	64.8	75.7	87.1	96.6	109.4					

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

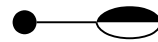
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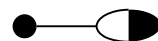
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	.	SANGAMON	679	405
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

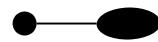
- ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
- EXISTING LIGHT POLES TO BE REMOVED SHALL BE SALVAGED ACCORDING TO ARTICLE 842 OF THE STANDARD SPECIFICATIONS AND DELIVERED TO THE IDOT SIGN SHOP, 701 NORTH MACARTHUR, SPRINGFIELD, IL. FOUNDATIONS TO BE REMOVED, AND ALL ASSOCIATED HARDWARE AND APPURTENANCES, SHALL NOT BE SALVAGED BUT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- THE PROPOSED LIGHT POLES SHALL BE LOCATED AS NOTED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. AFTER UNIT DUCT IS INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. WASHERS USED TO INSTALL THE POLE SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE.
- CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE APPLICABLE UNDERGROUND CONDUIT AND UNIT DUCT PAY ITEMS.
- NO POLES TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A CONCRETE WORK PAD IN FRONT OF THE LIGHTING CONTROLLER PER SECTION 825 OF THE STANDARD SPECIFICATIONS.
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT SHALL BE SCHEDULE 80 AS NOTED IN THE PLANS.
- STAINLESS STEEL SCREEN INSTALLED AROUND BREAKAWAY COUPLINGS OR ANCHOR RODS AND NUTS SHALL BE ACCORDING TO ART. 1070.04 (a)(2) c OF THE STANDARD SPECIFICATIONS EXCEPT THE MINIMUM WIRE DIAMETER SHALL BE AWG NO.16 (1.6 mm).
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
- ALL LIGHTING CIRCUITS SHOWN ON THE PLANS SHALL BE INSTALLED AND MADE OPERATIONAL PRIOR TO COMMENCEMENT OF ROADWAY CONSTRUCTION.
- ALL LIGHTING CIRCUITS FED FROM THE EXISTING CONTROLLER SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
- LOCATIONS OF EXISTING LIGHTING FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.
- THE CONTRACTOR SHALL PLACE A REVISED COPY OF THE AS-BUILT PLANS INSIDE THE PROPOSED LIGHTING CONTROLLERS LOCATED AT STATION 366+50 AND STATION 18+75.
- LUMINAIRES SHALL BE ORIENTED WITH OPTICS PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.
- ANY UNIT DUCT OR UNDERGROUND CONDUIT NEEDED IN ADDITION TO WHAT IS SHOWN ON THE PLANS TO ENERGIZE THE PROPOSED LIGHTING CIRCUITS SHALL BE INSTALLED ACCORDING TO ARTICLE 810 AND ARTICLE 816 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR UNIT DUCT AND UNDERGROUND CONDUIT AS APPLICABLE.
- ANY DAMAGE TO DUCT AND CABLE TO REMAIN IN PLACE SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.



PROPOSED LIGHT POLE, ALUMINUM, 45. M.H., 15 FT. DAVIT ARM, 250 W HPS HORIZONTAL MOUNT LUMINAIRE, M-C-3



PROPOSED LIGHT POLE, ALUMINUM, 50. M.H., 15 FT. DAVIT ARM, 400 W HPS HORIZONTAL MOUNT LUMINAIRE, M-C-3



PROPOSED COMBINATION LIGHTING UNIT, ALUMINUM, 45. M.H., 15 FT. DAVIT ARM, 400 W HPS HORIZONTAL MOUNT LUMINAIRE, M-C-3, PHOTO-CELL CONTROL



PROPOSED LIGHTING CONTROLLER



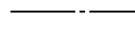
PROPOSED ELECTRIC SERVICE INSTALLATION



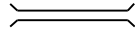
EXISTING ELECTRIC SERVICE INSTALLATION TO BE REMOVED



EXISTING LIGHTING CONTROLLER TO BE REMOVED



PROPOSED UNIT DUCT, SIZE AS NOTED



PROPOSED COILABLE NON-METALLIC CONDUIT, SIZE AS NOTED



UNIT DUCT, 600V, 2-1C NO.8, 1/C NO. 8 GROUND (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

LEGEND

INDEX OF SHEETS

- GENERAL NOTES, LEGEND, INDEX OF SHEETS, BILL OF MATERIALS
- SCHEDULE OF QUANTITIES
- WIRING DIAGRAM
- 11 LIGHTING PLAN SHEETS

CABLE/CONDUIT SCHEDULE

LIGHTING BILL OF MATERIALS

PAY ITEM	DESCRIPTION	UNIT	TOTALS	SIGNALS & LIGHTING AT I-72 RAMPS	LIGHTING AT PLEASANT RUN
80400100	ELECTRIC SERVICE INSTALLATION	EACH	3	2	1
81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	358	278	80
81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	5828	5586	242
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	9	8	1
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2	2	
82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 30AMP	EACH	1		1
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	2	2	
83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	9	8	1
83004600	LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM	EACH	2	2	
83600355	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	9	8	1
83600357	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8'	EACH	2	2	
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	44	40	4
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	12	12	
84200804	REMOVAL OF POLE FOUNDATION	EACH	12	12	
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1	
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1	1	
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	1	

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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72890							
Default	DATE -	REVISED -	SCALE:			SHEET 1 OF 11 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

LIGHTING REMOVAL ITEMS

STATION	SIDE	84200500	84200804	84500110	84500120	84500130
		REMOVAL OF LIGHTING UNIT, SALVAGE	REMOVAL OF POLE FOUNDATION	REMOVAL OF LIGHTING CONTROLLER	REMOVAL OF ELECTRIC SERVICE INSTALLATION	REMOVAL OF LIGHTING CONTROLLER FOUNDATION
EACH						
SIGNALS & LIGHTING AT I-72 RAMPS						
WABASH AVE						
355+54	37' RT	1	1			
366+40	RT			1	1	1
366+50	65' LT	1	1			
367+98	37' RT	1	1			
382+19	47' LT	1	1			
383+56	65' RT	1	1			
387+33	40' LT	1	1			
395+00	LT	TO BE REMOVED BY OTHERS				
438+20	LT	TO BE REMOVED BY OTHERS				
453+00	LT	TO BE REMOVED BY OTHERS				
465+75	LT	TO BE REMOVED BY OTHERS				
RAMP C						
1+75	20' RT	1	1			
3+50	20' RT	1	1			
RAMP D						
17+66	20' RT	1	1			
RAMP A						
0+00	17' RT	1	1			
5+50	17' RT	1	1			
8+50	17' RT	1	1			
TOTAL		12	12	1	1	1

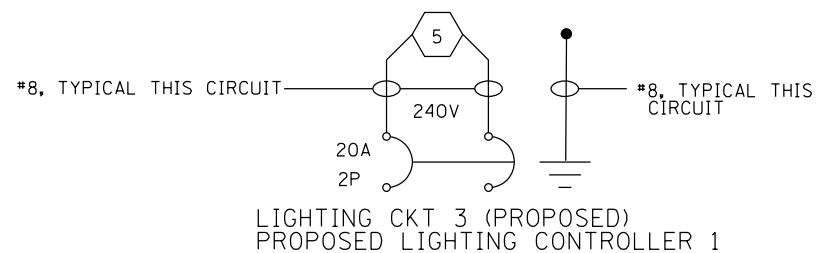
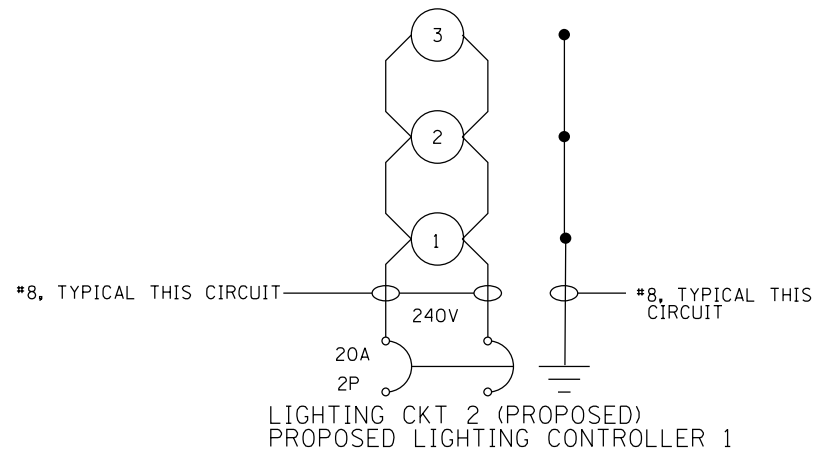
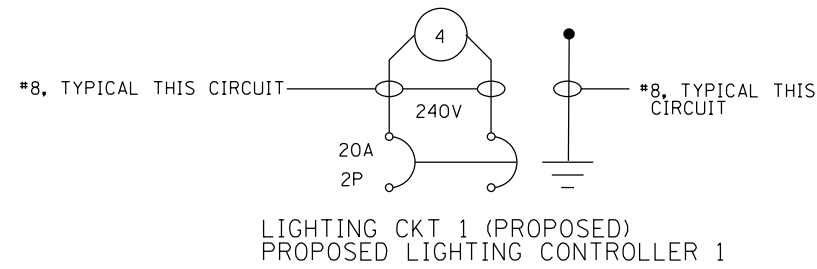
PROPOSED LIGHTING ITEMS

STATION	SIDE	80400100	82102250	82102400	82500300	82500330	83003600	83004600	83600355	83600357	83800650
		ELECTRIC SERVICE INSTALLATION	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 30AMP	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 6'	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8'	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN
EACH											
SIGNALS & LIGHTING AT I-72 RAMPS											
WABASH AVE											
355+54	RT		1				1		1		4
366+50	RT	1				1					
387+34	LT		1				1		1		4
RAMP C											
1+00	RT		1				1		1		4
2+70	RT		1				1		1		4
4+40	RT		1				1		1		4
RAMP D											
17+64	RT			1				1		1	4
RAMP A											
1+00	RT		1				1		1		4
2+70	RT		1				1		1		4
4+40	RT		1				1		1		4
18+75	RT	1					1				
RAMP B											
20+74	RT			1				1		1	4
SUBTOTAL		2	8	2	0	2	8	2	8	2	40
LIGHTING AT PLEASANT RUN											
WABASH AVE											
432+63	LT		1				1		1		4
433+98	RT	1			1						
SUBTOTAL		1	1	0	1	0	1	0	1	0	4
TOTAL		3	9	2	1	2	9	2	9	2	44

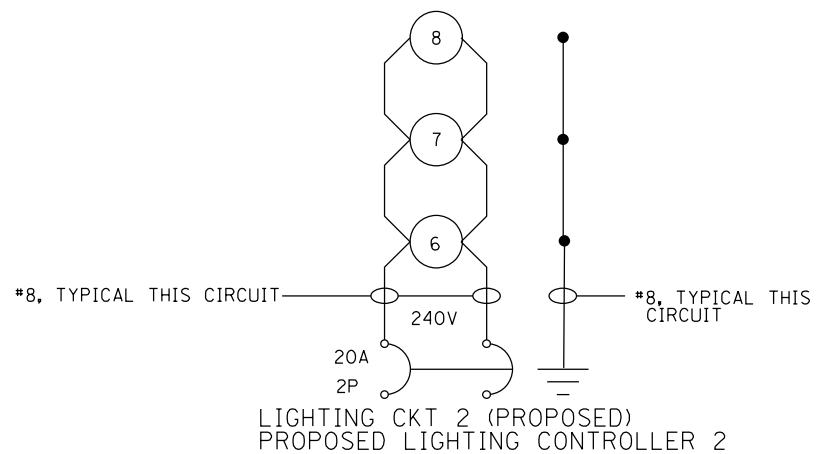
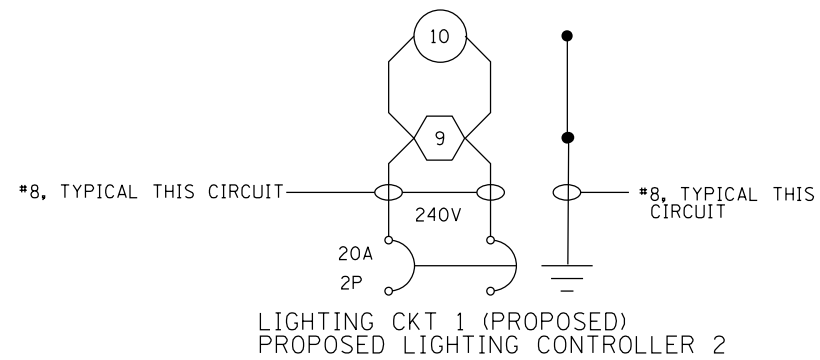
WIRING ITEMS

STATION TO STATION	81028760	81603000
	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	UNIT DUCT, 600V, 2 *1C NO.8, 1/C NO.8 GROUND, (XLP *TYPE USE), 3/4" DIA. POLYETHYLENE
	FOOT	FOOT
SIGNALS & LIGHTING AT I-72 RAMPS		
WABASH 354+00 RT WABASH 366+50 RT	56	1356
WABASH 366+50 RT RAMP D 17+66 RT		61
WABASH 366+50 RT RAMP C 1+00 RT	108	1683
RAMP A 18+75 RT RAMP B 20+74 RT	114	218
RAMP B 20+74 RT WABASH 387+34 LT		409
RAMP A 18+75 RT RAMP A 1+00 RT		1779
ADDITIONAL WIRING FOR LIGHT		80
SUBTOTAL	278	5586
LIGHTING AT PLEASANT RUN		
WABASH 433+98 RT WABASH 432+63 LT	80	237
ADDITIONAL WIRING FOR LIGHT		5
SUBTOTAL	80	242
TOTAL	358	5,828

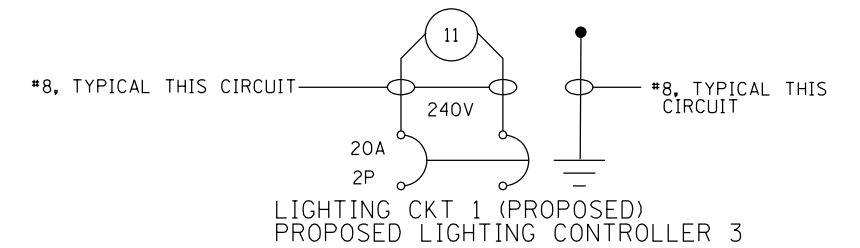
WIRING DIAGRAM
(PROPOSED CONTROLLER # 1)



WIRING DIAGRAM
(PROPOSED CONTROLLER # 2)



WIRING DIAGRAM
(PROPOSED CONTROLLER # 3)



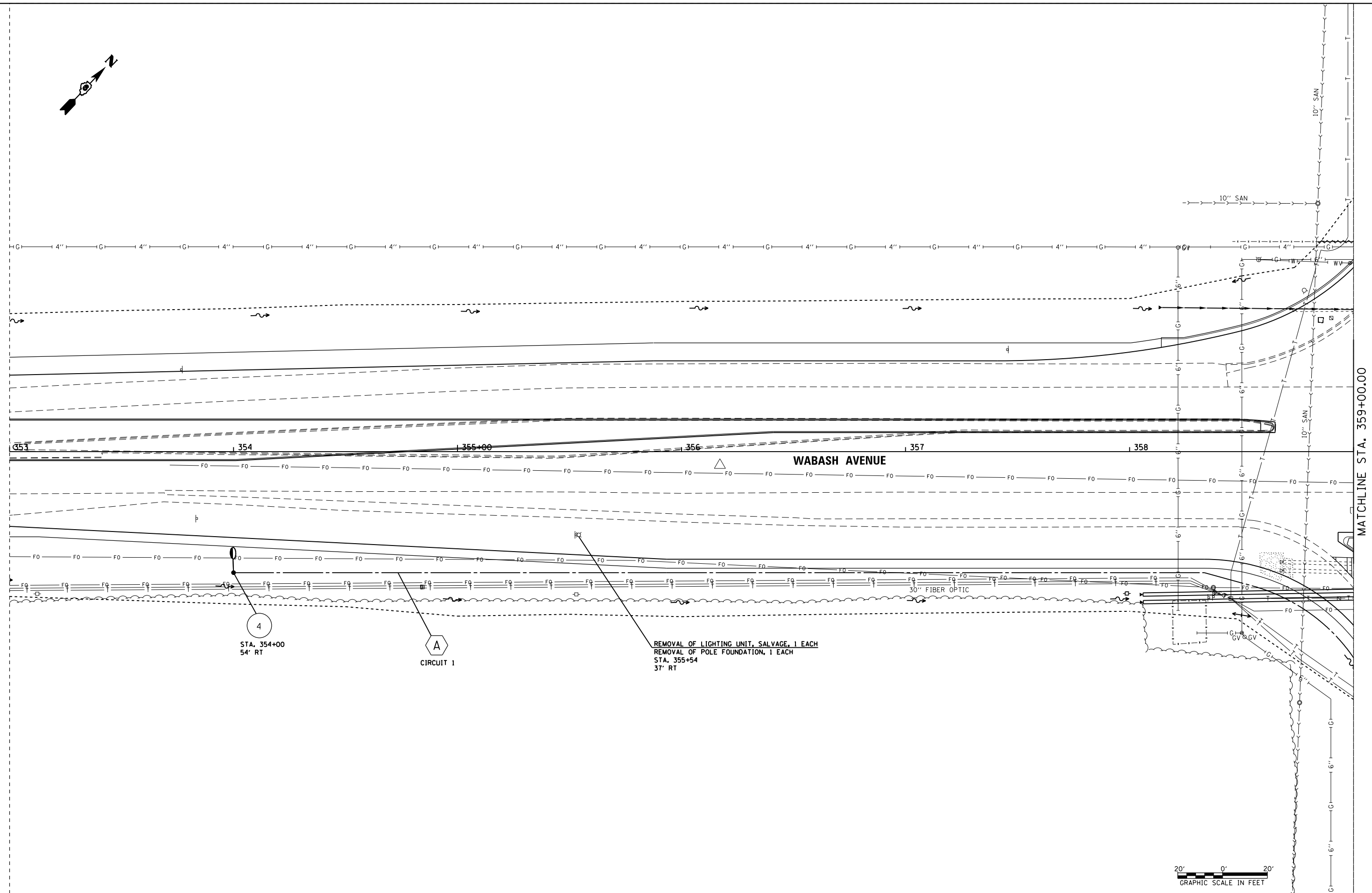
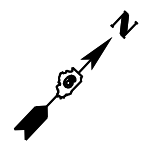
NOTES:

1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

LEGEND

- 250W PROPOSED LUMINAIRE
- ⬡ 400W PROPOSED LUMINAIRE

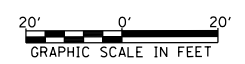
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c:\pw\work\p\idot\sparksgw\0374543\0652304-sht-1\lightingnotes.dgn		DRAWN -	REVISED -		SCALE:	SHEET 3	OF 11	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	679	408
Default	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO.	72890		
	PLOT DATE = Feb-04-2014 01:47:31PM	DATE -	REVISED -										



4
STA. 354+00
54' RT

A
CIRCUIT 1

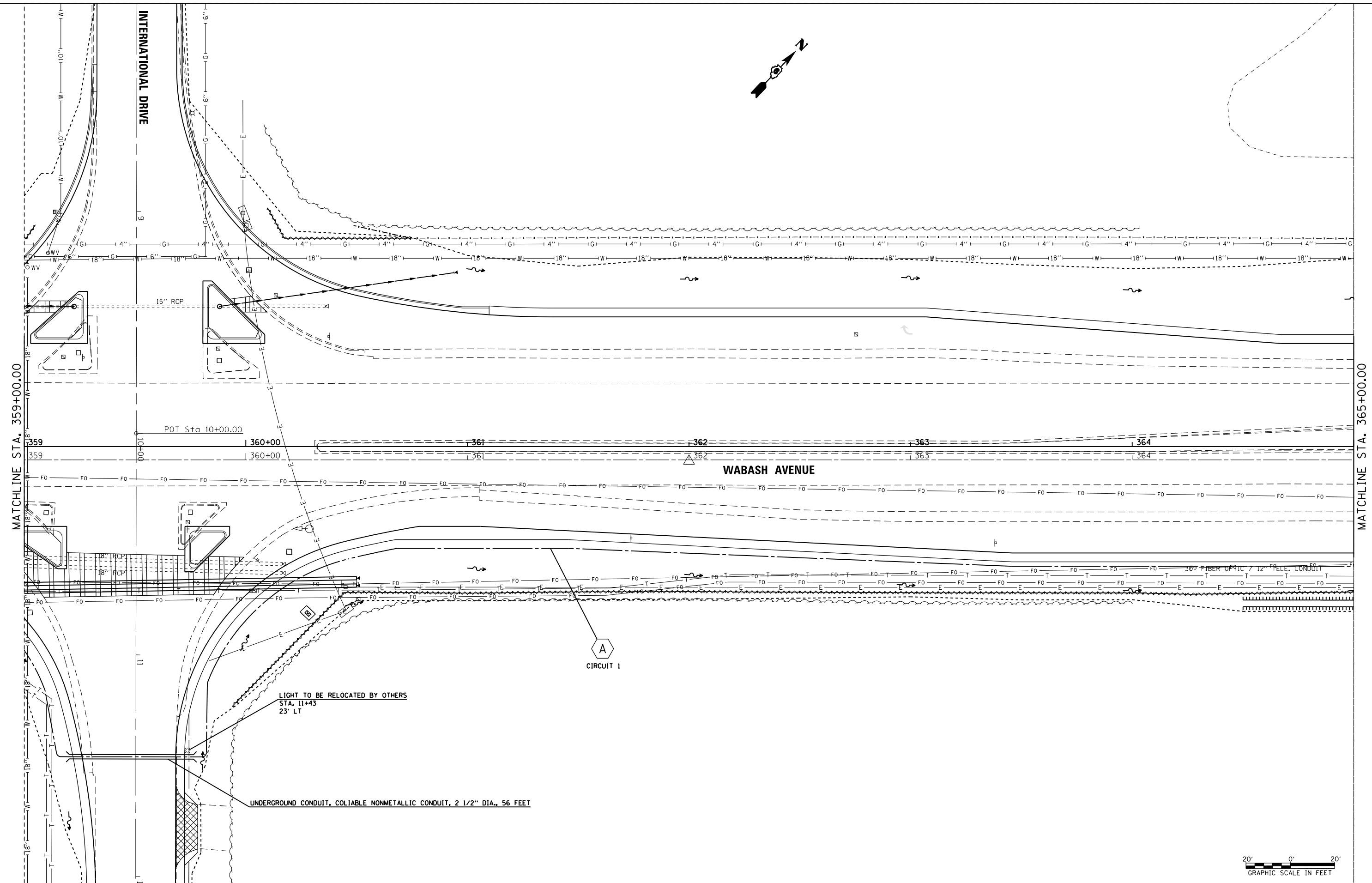
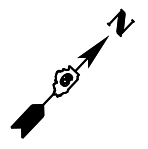
REMOVAL OF LIGHTING UNIT, SALVAGE, 1 EACH
REMOVAL OF POLE FOUNDATION, 1 EACH
STA. 355+54
37' RT



MATCHLINE STA. 359+00.00

FILE NAME = c:\pwork\pwork\sparksgw\0374543\0652304-sht-lighting.dgn	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLANS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					8012	.	SANGAMON	679	409
Default	PLOT DATE = Feb-04-2014 01:47:35PM	DATE -	REVISED -	SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 72890					

• 21(W-3, TS-1, RS-7)



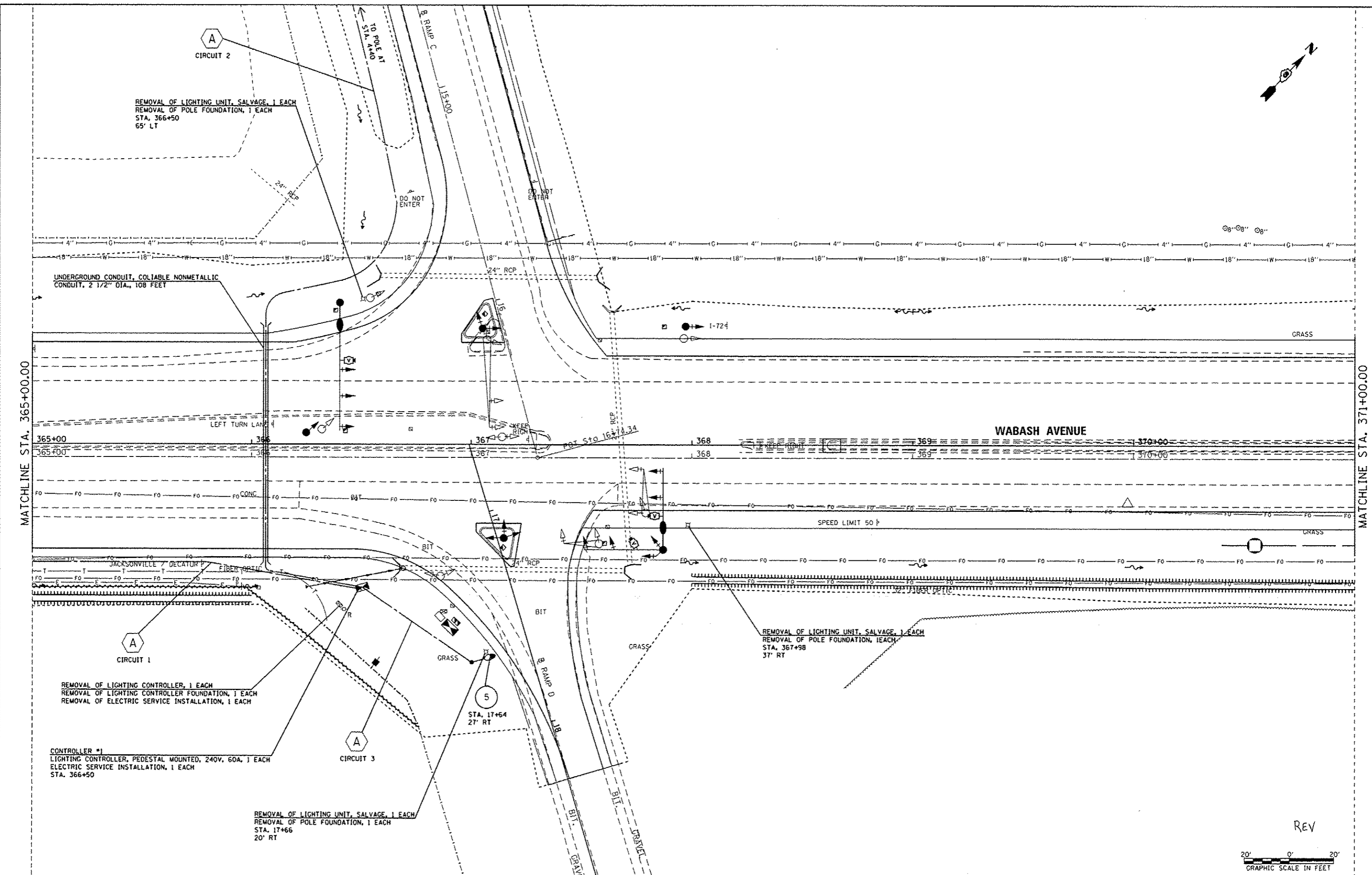
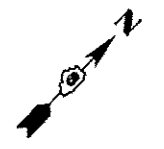
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	PLOT DATE = Feb-04-2014 01:47:35PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING PLANS			
SCALE:	SHEET 5 OF 11 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	.	SANGAMON	679	410
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	

• 21(W-3, TS-1, RS-7)



MATCHLINE STA. 365+00.00

MATCHLINE STA. 371+00.00

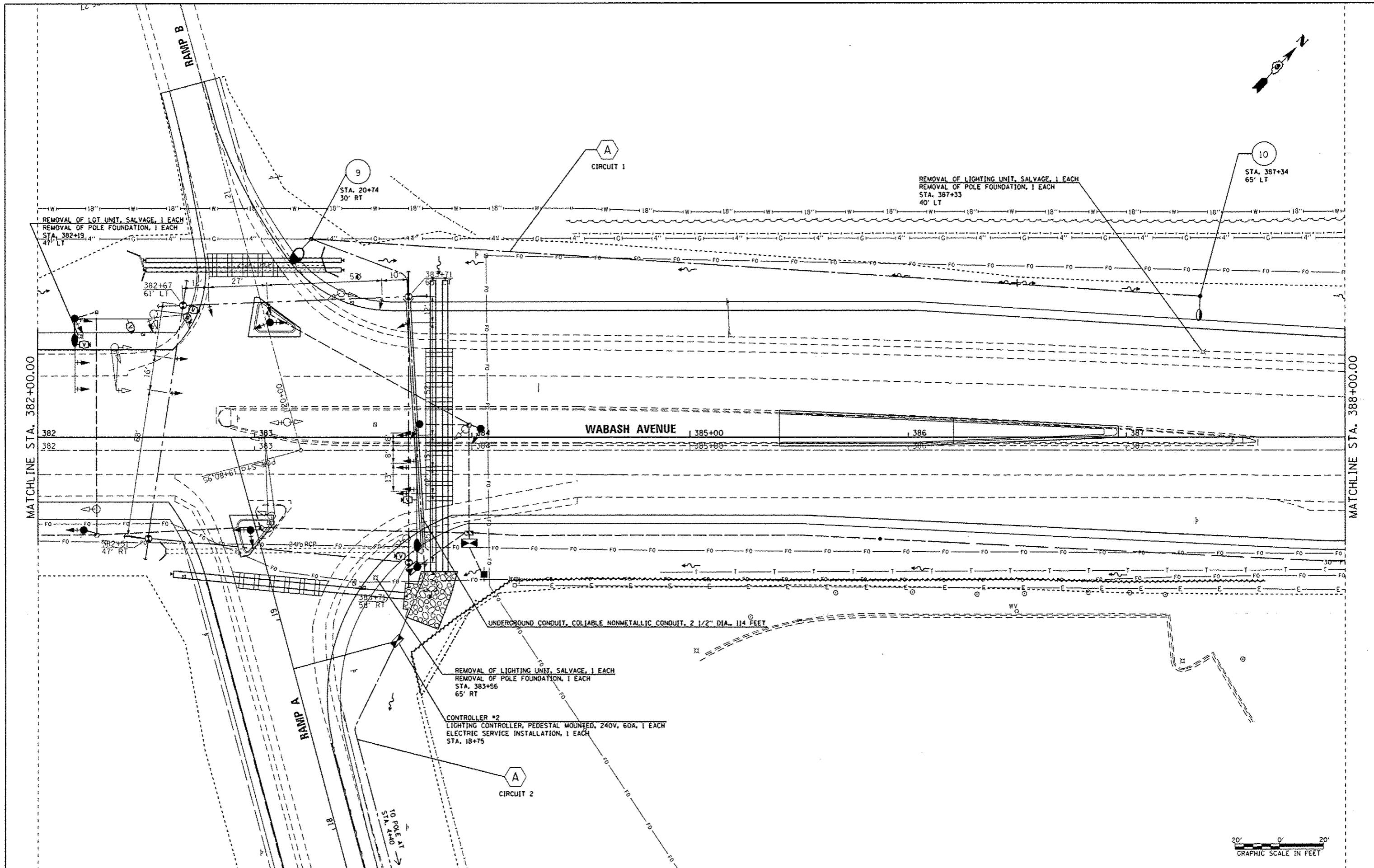
WABASH AVENUE

SPEED LIMIT 50

REV



FILE NAME =	USER NAME = sparkgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLANS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cs:\pw\work\pilot\sparkgw\0374543\063284-ah-lighting.dgn		DRAWN -	REVISED -					6012	*	SANGAMON	679	411	
Default		CHECKED -	REVISED -					SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 72890		
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT					



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Default		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING PLANS

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	*	SANGAMON	679	412
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	

McDONALDS

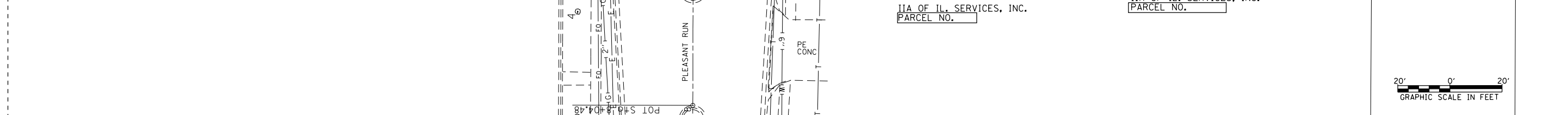
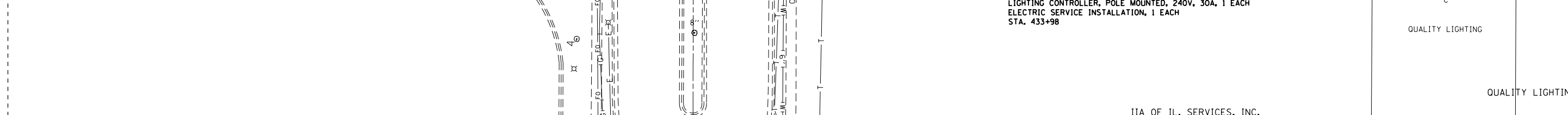
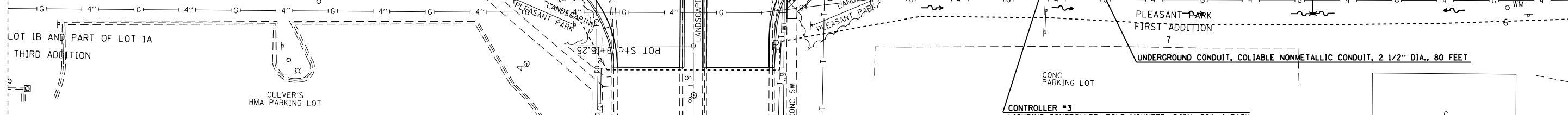
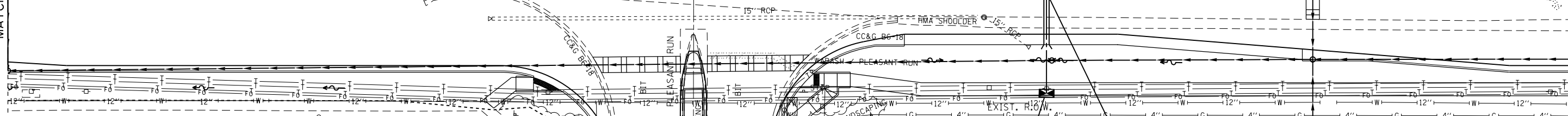
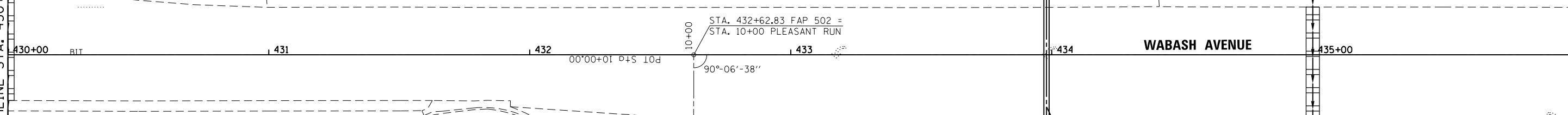
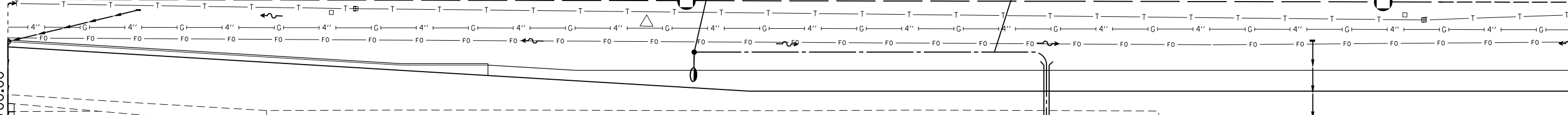
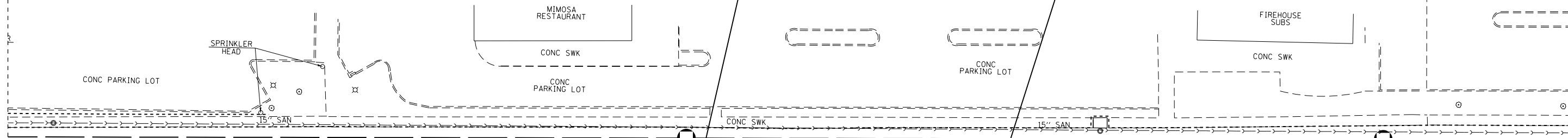


STONE DEVEL. CO.
NO.

COBBLESTONE DEVEL. CO.
PARCEL NO.

11
STA. 432+63
45' LT

A
CIRCUIT 1



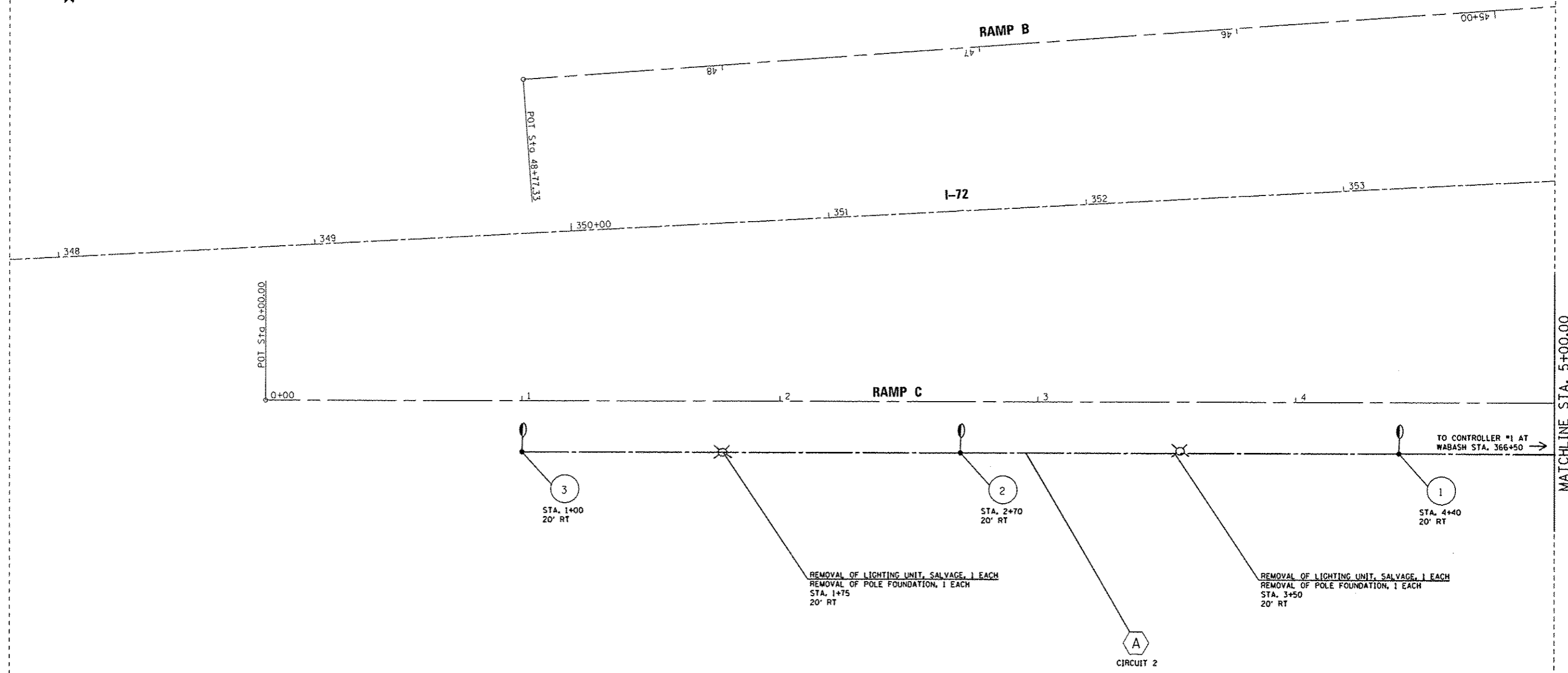
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Default	et:\pw\work\p\dot\sparksgw\10374543\0652304-sht-lighting.dgn	DRAWN -	REVISED -				8012	.	SANGAMON	679	413
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -				CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:47:36PM	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

CONTROLLER #3
LIGHTING CONTROLLER, POLE MOUNTED, 240V, 30A, 1 EACH
ELECTRIC SERVICE INSTALLATION, 1 EACH
STA. 433+98

IIA OF IL. SERVICES, INC.
PARCEL NO.

IIA OF IL. SERVICES, INC.
PARCEL NO.





TO CONTROLLER #1 AT
WABASH STA. 366+50 →

MATCHLINE STA. 5+00.00

REMOVAL OF LIGHTING UNIT, SALVAGE, 1 EACH
REMOVAL OF POLE FOUNDATION, 1 EACH
STA. 1+75
20' RT

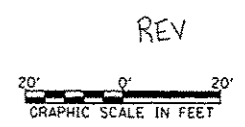
REMOVAL OF LIGHTING UNIT, SALVAGE, 1 EACH
REMOVAL OF POLE FOUNDATION, 1 EACH
STA. 3+50
20' RT

A
CIRCUIT 2

3
STA. 1+00
20' RT

2
STA. 2+70
20' RT

1
STA. 4+40
20' RT



FILE NAME =	USER NAME = sparkge	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED LIGHTING PLANS			F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pvc\work\pvidot\sparkge\08374543\0802	384-ah1-lighting.dgn	DRAWN -	REVISED -					8012		SANGAMON	679	414
Default	PLOT SCALE = 40.0000 1/2 in.	CHECKED -	REVISED -		SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:47:36PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

RAMP D
145+00

I-72

RAMP A

MATCHLINE STA. 5+00.00

10+00

1

2

3

4

REMOVAL OF LIGHTING UNIT, SALVAGE, 1 EACH
REMOVAL OF POLE FOUNDATION, 1 EACH
0+00
17' RT

26°09' EX DSFL

8

STA. 1+00
20' RT

7

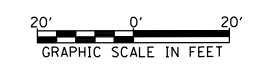
STA. 2+70
20' RT

A

CIRCUIT 2

6

STA. 4+40
20' RT



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksgw\0374543\0652304-sht-lighting.dgn		DRAWN -	REVISED -
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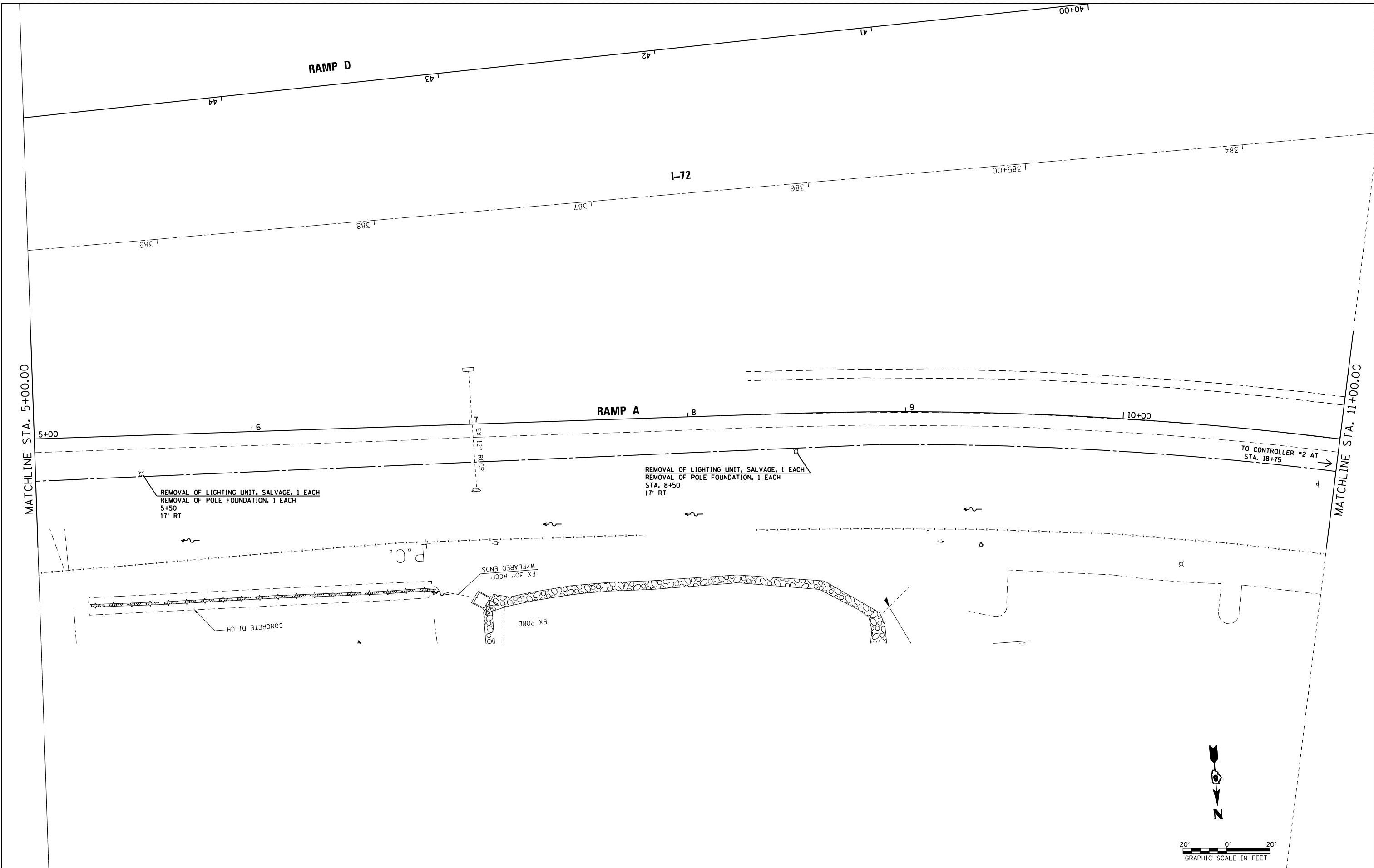
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLANS

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	.	SANGAMON	679	415
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72890	

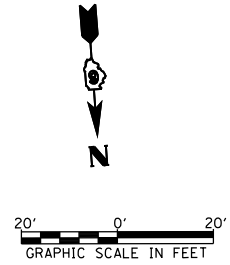
• 21(W-3, TS-1, RS-7)



MATCHLINE STA. 5+00.00

MATCHLINE STA. 11+00.00

TO CONTROLLER #2 AT STA. 18+75



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	PLOT DATE = Feb-04-2014 01:47:37PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 11 OF 11 SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				8012	.	SANGAMON	679	416
							CONTRACT NO. 72890	
ILLINOIS FED. AID PROJECT								

• 21(W-3, TS-1, RS-7)

Bench Mark: Chisled "□" in South headwall of box culvert in the Southwest quadrant of I-72 and Wabash Ave. (IL 54) Elevation 617.81.

Existing Structure: None

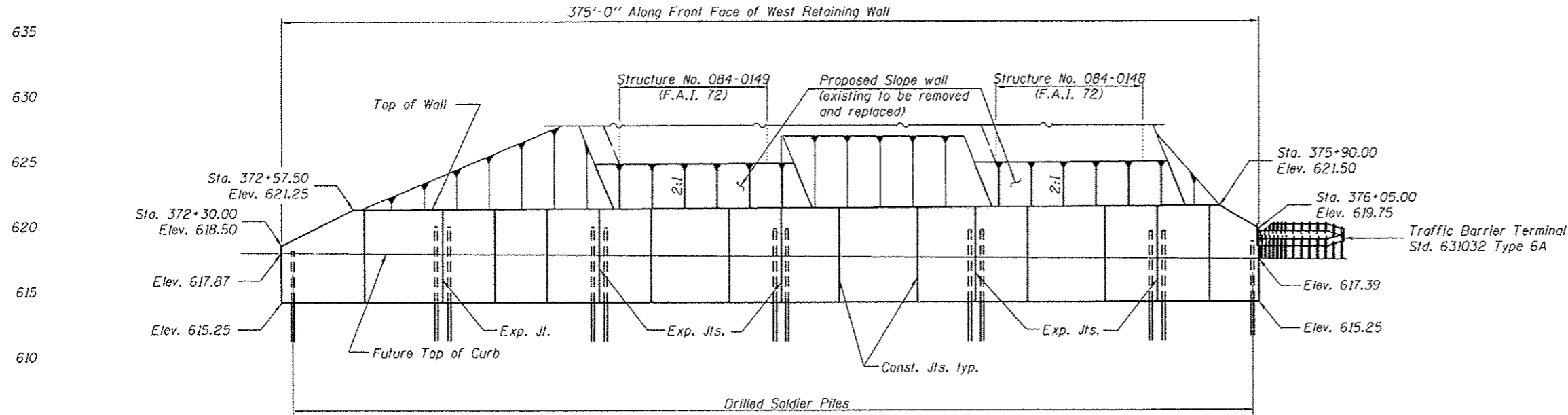
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO. 1
F.A.P. 8012	2(KW-3, RS-7)	SANGAMON	679	417	13 SHEETS
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT			

Contract No. 72890

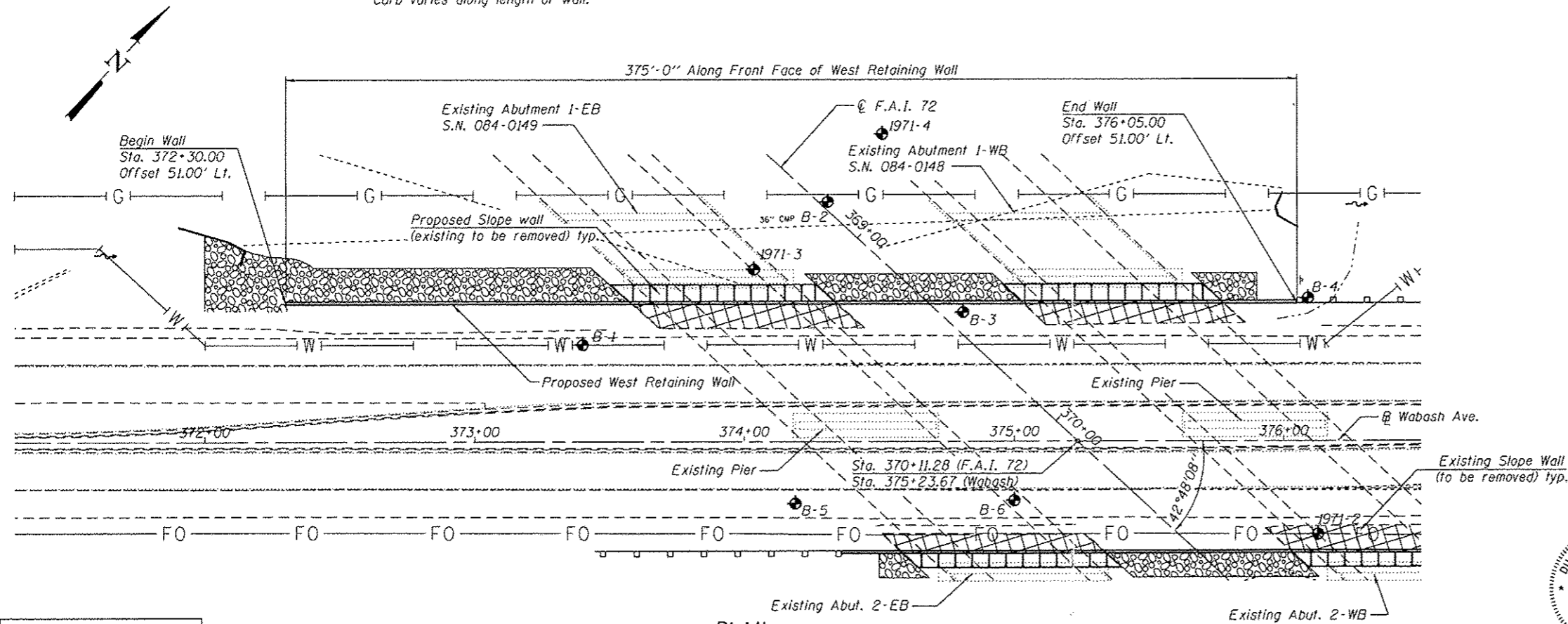
INDEX OF SHEETS

1. West Retaining Wall General Plan
2. East Retaining Wall General Plan
3. General Notes and Total Bill of Material
4. Foundation Layout
5. Wall Details
6. Wall Details
- 7-13. Boring Logs



Note: Elevation of Future Top of Curb varies along length of wall.

ELEVATION



PLAN

Note: All stations and offsets are given at the front face of the Proposed Retaining Wall.

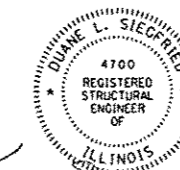
- LEGEND
- - Soil Boring Location
 - - - - Existing Structures
 - - Removal Limits
 - W - Exist. Water Main
 - G - Exist. Gas Main
 - FO - Fiber Optic

DESIGN SPECIFICATIONS
2002 AASHTO 17th Edition

DESIGN STRESSES

- FIELD UNITS
- $f'_c = 3,500$ psi
 - $f_y = 60,000$ psi (reinforcement)
 - $f_y = 36,000$ psi (soldier pile)

DESIGNED	NJM
CHECKED	KPH
DRAWN	EML/JGC
CHECKED	KPH



Illinois Structural No. 4700
Exp. 11/30/2014

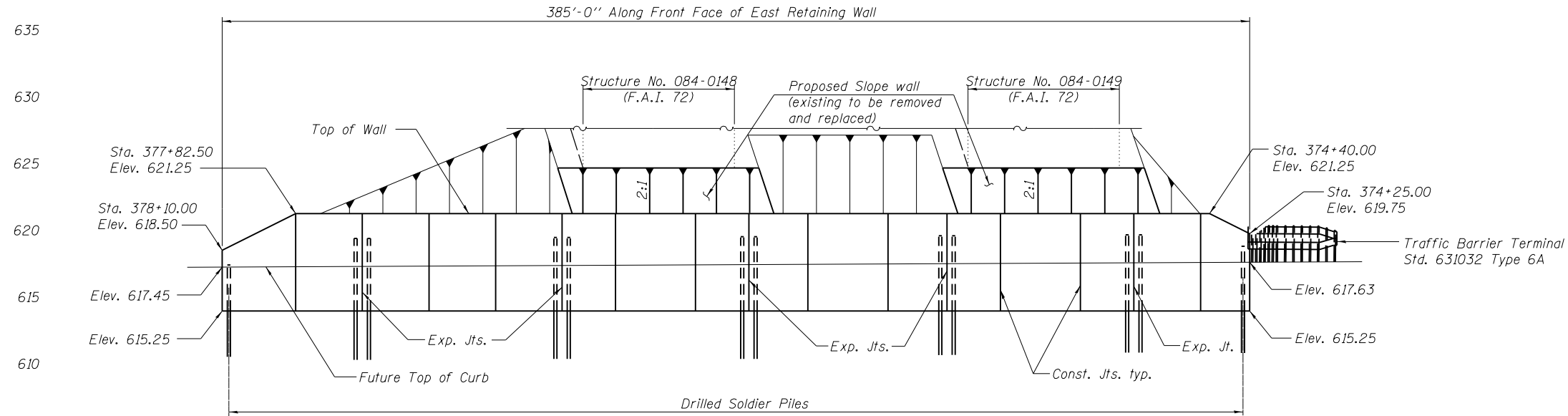
1/3/2014

WEST RETAINING WALL GENERAL PLAN
WABASH AVE. AT I-72
F.A.P. ROUTE 8012 -
SECTION 2(KW-3, TS-1, RS-7)
SANGAMON COUNTY
STATION 372+30.00
TO STATION 376+05.00
BR. STRUCTURE NOS. 084-0148 & 0149

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

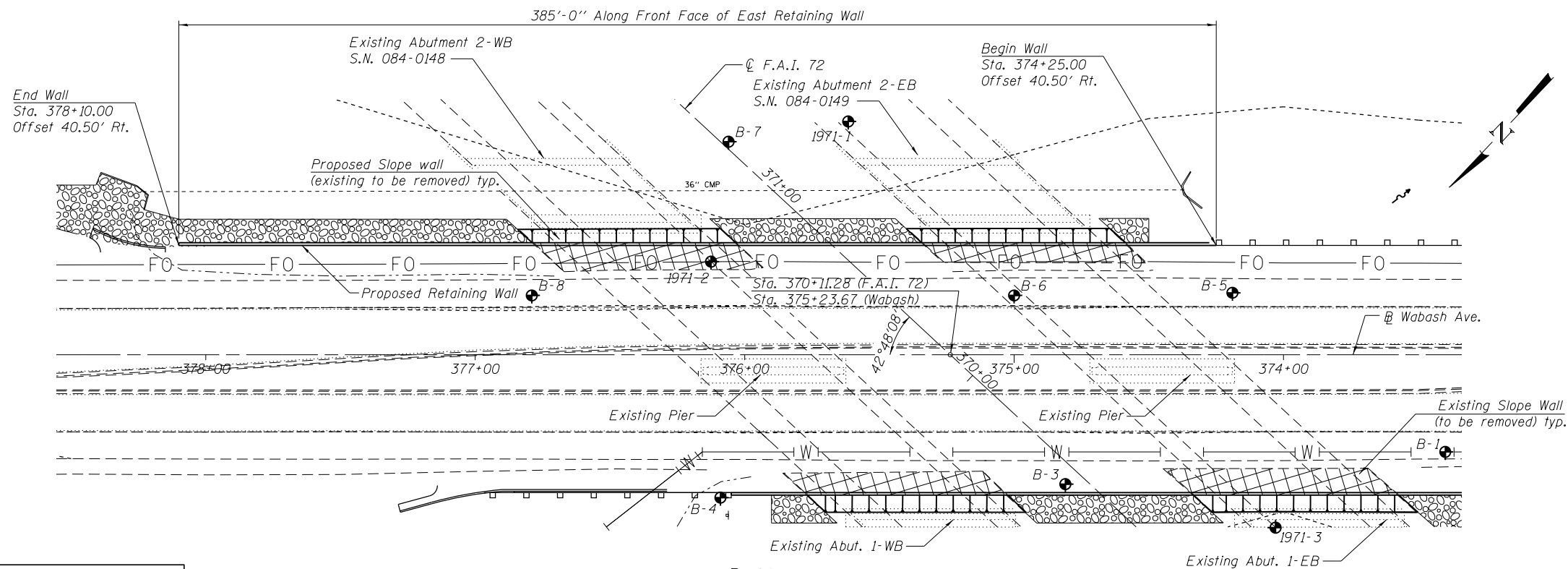
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2 13 SHEETS
F.A.P. 8012	2(W-3, TS-1, RS-7)	SANGAMON	679	418	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract No. 72890



ELEVATION

Note: Elevation of Future Top of Curb varies along length of wall.



PLAN

Note: All stations and offsets are given at the front face of the Proposed Retaining Wall.

DESIGNED	NJM
CHECKED	KPH
DRAWN	EML/JGC
CHECKED	KPH

LEGEND

- ⊕ - Soil Boring Location
- - Existing Structures
- ▭ - Removal Limits
- W | | | - Exist. Water Main
- G | | | - Exist. Gas Main
- FO | | | - Fiber Optic

EAST RETAINING WALL GENERAL PLAN
WABASH AVE. AT I-72
F.A.P. ROUTE 8012 -
SECTION 2(W-3, TS-1, RS-7)
SANGAMON COUNTY
STATION 374+25.00
TO STATION 378+10.00
BR. STRUCTURE NOS. 084-0148 & 0149

Contract No. 72890

GENERAL NOTES

All reinforcement bars shall be epoxy coated.

Minimum clearance to reinforcing steel shall be 1 1/2" unless otherwise shown.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

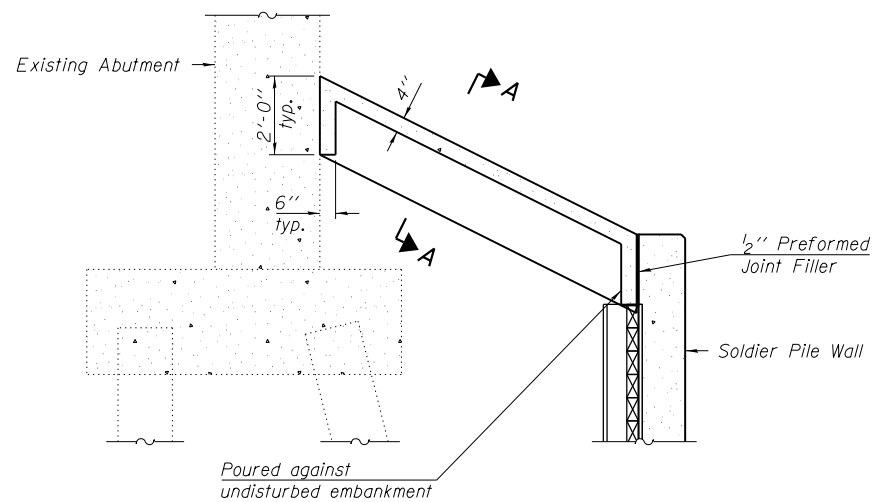
All construction joints shall be bonded.

All soldier piles shall be HP10X42 and shall be 13'-0" long.

All exposed edges of CIP concrete facing shall be chamfered 3/4".

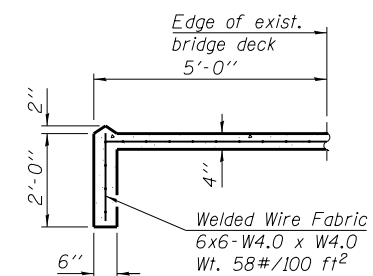
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Slope Wall Removal	Sq. Yd.	1,270
Structure Excavation	Cu. Yd.	505
Concrete Structures	Cu. Yd.	166.9
Stud Shear Connectors	Each	850
Reinforcement Bars, Epoxy Coated	Pound	27,250
Slope Wall 4"	Sq. Yd.	217
Geocomposite Wall Drain	Sq. Yd.	275
Drilling & Setting Soldier Piles (in Soil)	Cu. Ft.	3,872.0
Untreated Timber Lagging	Sq. Ft.	3,225
Furnishing Soldier Piles (HP Section)	Foot	1,105
Pipe Underdrains for Structures, 4"	Foot	760



SECTION THRU CONCRETE SLOPEWALL

Notes:
Match slope of existing slope wall.
Form toewall of slope wall around soldier pile or timber lagging as necessary.



SECTION A - A

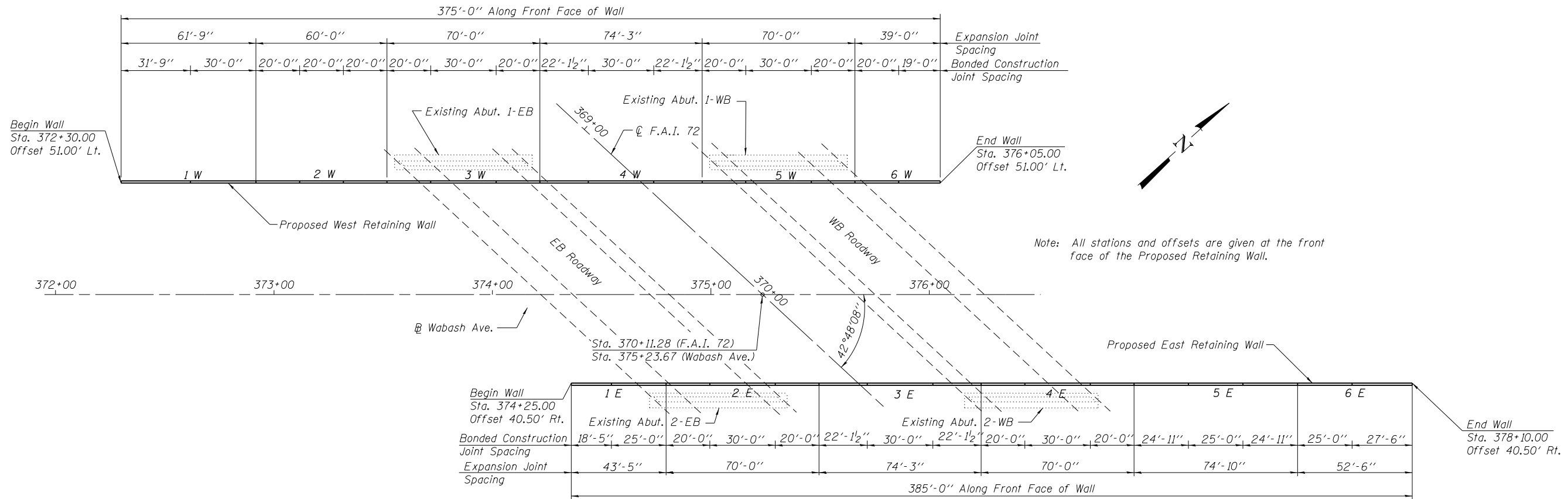
DESIGNED	NJM
CHECKED	KPH
DRAWN	NJM
CHECKED	KPH

**GENERAL NOTES AND
TOTAL BILL OF MATERIAL
EAST AND WEST RETAINING WALLS
WABASH AVE. AT I-72
F.A.P. ROUTE 8012 -
SECTION 21W-3, TS-1, RS-7)
SANGAMON COUNTY**

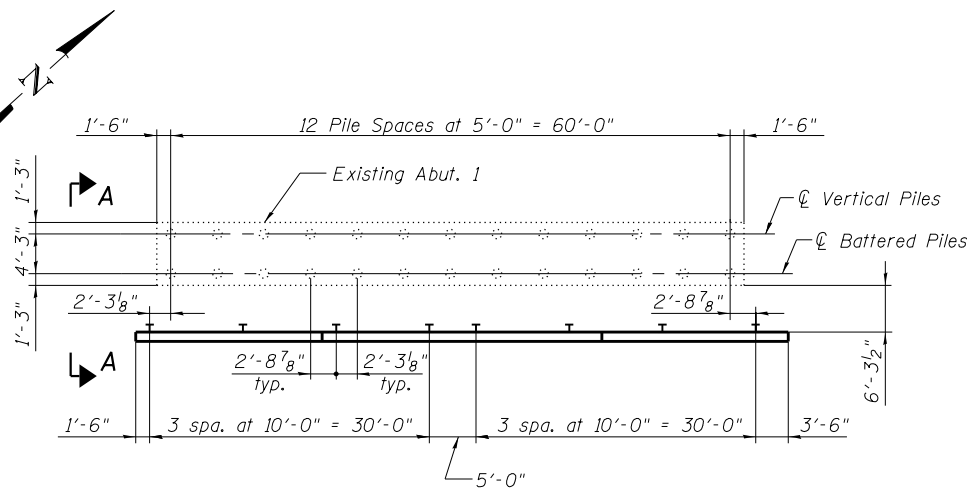
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 4 13 SHEETS
F.A.P. 8012	21W-3, RS-7	SANGAMON	679	420	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract No. 72890



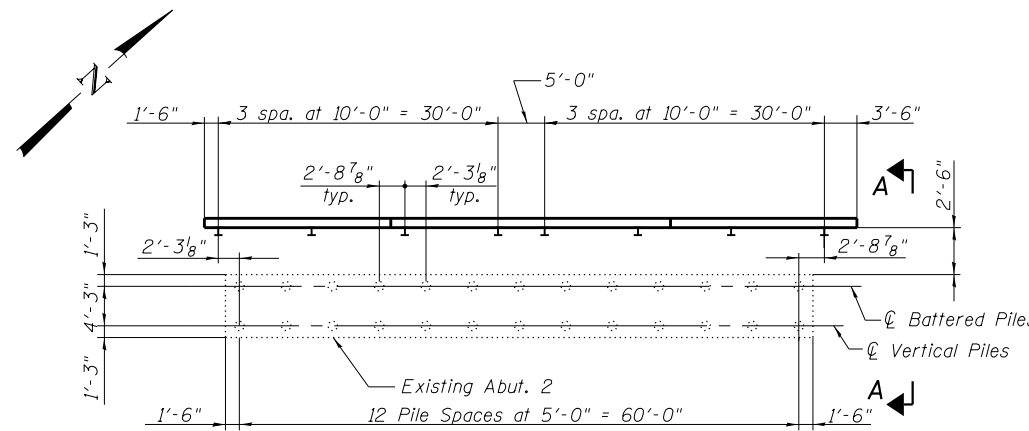
PLAN



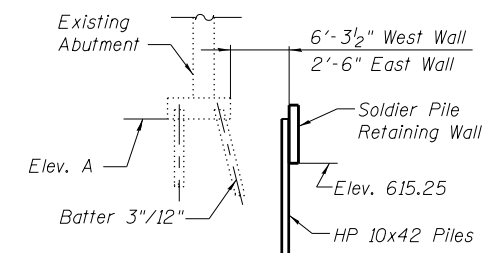
PLAN
Wall Panels 3W and 5W

Existing Abutment Notes:
Footing Only shown for clarity.
Piles are Concrete Piles.
Dimensions are from design plans. Contractor shall verify all dimensions, including spacing and batter of pile of existing abutment piles in the field prior to drilling soldier piles.

DESIGNED	NJM
CHECKED	KPH
DRAWN	JGC/NJM
CHECKED	KPH



PLAN
Wall Panels 2E and 4E



Section A-A

Location	Elev. A
Abut. 1-EB	620.00
Abut. 1-WB	619.53
Abut. 2-EB	619.31
Abut. 2-WB	618.62

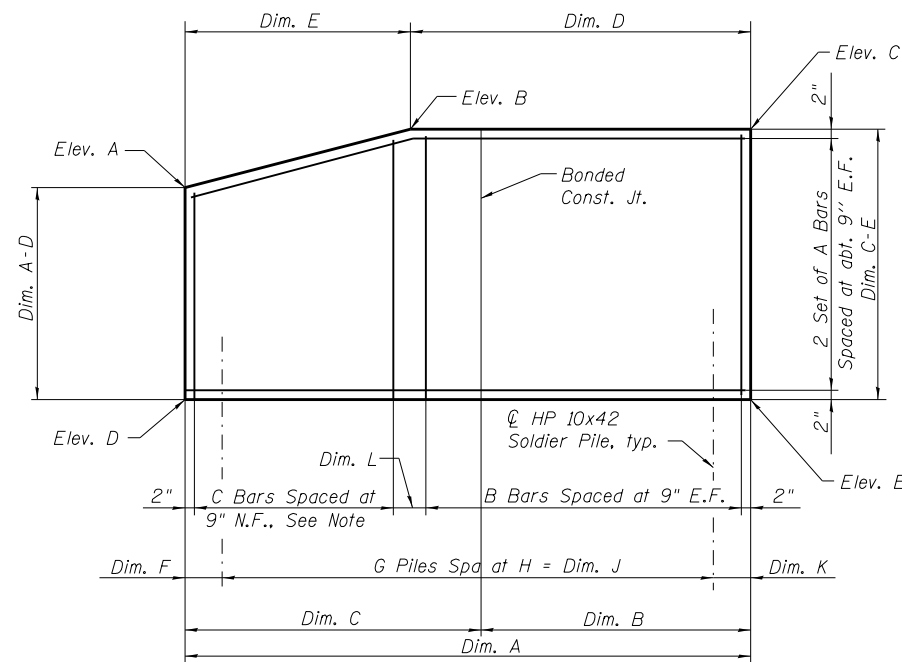
FOUNDATION LAYOUT
EAST AND WEST RETAINING WALLS
WABASH AVE. AT I-72
F.A.P. ROUTE 8012 -
SECTION 21W-3, TS-1, RS-7
SANGAMON COUNTY

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 8012	21W-3, TS-1, RS-7	SANGAMON	679	421
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

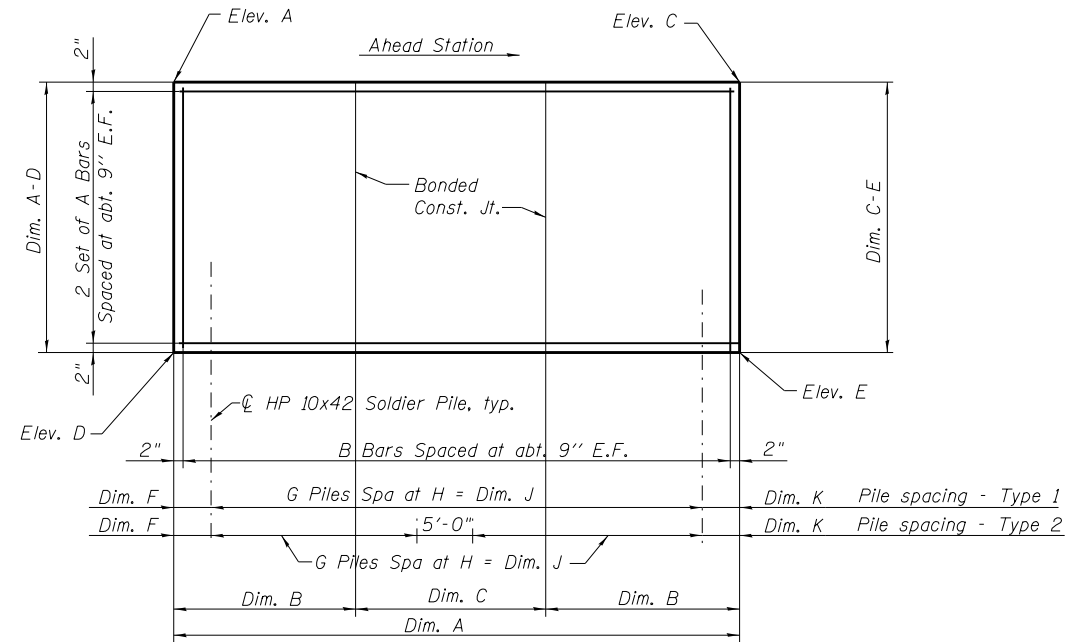
SHEET NO. 5
13 SHEETS

Contract No. 72890

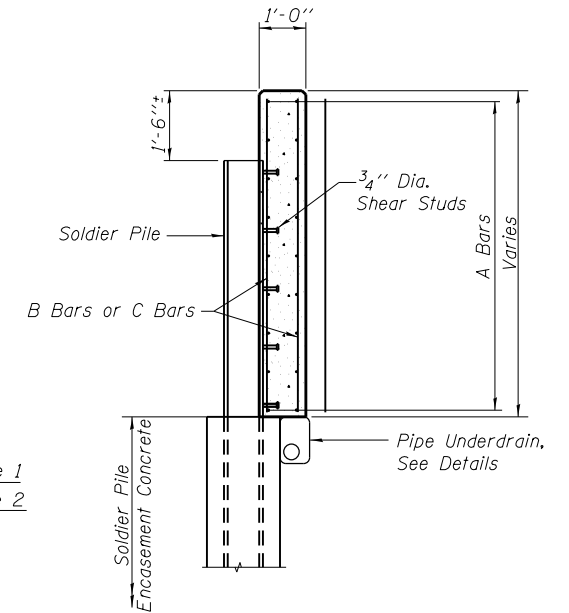


END WALL DETAIL

Notes:
Bend top A Bars in the field to match slope; field cut others to fit.
Order C Bars full length, cut in field to match slope and use the remainder in far face of wall.



INTERMEDIATE WALL DETAIL

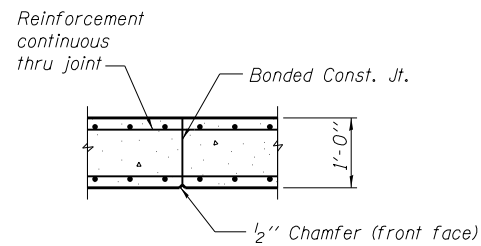


TYPICAL SECTION THRU WALL

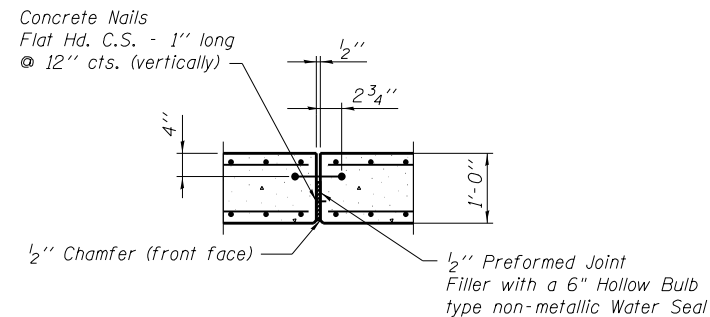
WALL ELEVATIONS

WALL DATA

Wall No.	Detail	Elev. A	Elev. B	Elev. C	Elev. D	Elev. E	Dim. A	Dim. B	Dim. C	Dim. D	Dim. E	Dim. A-D	Dim. C-E	Type	Dim. F	G	H	Dim. J	Dim. K	A Bars	B Bars	C Bars	Dim. L
1 W	End	618.50	621.25	621.28	615.25	615.25	61'-9"	30'-0"	31'-9"	34'-3"	27'-6"	3'-3"	6'-0 ³ / ₈ "	---	3'-9"	7	9'-0"	54'-0"	4'-0"	9- #5H1	46- #5V2	37- #5V1	8"
2 W	Intermediate	621.28	---	621.32	615.25	615.25	60'-0"	20'-0"	20'-0"	---	---	6'-0 ³ / ₈ "	6'-0 ⁷ / ₈ "	1	3'-0"	7	9'-0"	54'-0"	3'-0"	9- #5H1	81- #5V2	---	---
3 W	Intermediate	621.32	---	621.37	615.25	615.25	70'-0"	20'-0"	30'-0"	---	---	6'-0 ⁷ / ₈ "	6'-1 ¹ / ₂ "	2	1'-6"	4	10'-0"	30'-0"	3'-6"	9- #5H2	94- #5V2	---	---
4 W	Intermediate	621.37	---	621.43	615.25	615.25	74'-3"	22'-1 ¹ / ₂ "	30'-0"	---	---	6'-1 ¹ / ₂ "	6'-2 ¹ / ₈ "	1	2'-0"	8	10'-0"	70'-0"	2'-3"	9- #5H2	100- #5V2	---	---
5 W	Intermediate	621.43	---	621.48	615.25	615.25	70'-0"	20'-0"	30'-0"	---	---	6'-2 ¹ / ₈ "	6'-2 ³ / ₄ "	2	1'-6"	4	10'-0"	30'-0"	3'-6"	9- #5H2	94- #5V3	---	---
6 W	End	619.75	621.50	621.48	615.25	615.25	39'-0"	20'-0"	19'-0"	24'-0"	15'-0"	4'-6"	6'-2 ³ / ₄ "	---	4'-6"	4	10'-0"	30'-0"	4'-6"	9- #5H3	33- #5V3	20- #5V4	5"
1 E	End	619.75	621.25	621.25	615.25	615.25	43'-5"	25'-0"	18'-5"	28'-5"	15'-0"	4'-6"	6'-0"	---	3'-5"	5	9'-0"	36'-0"	4'-0"	9- #5H3	39- #5V2	20- #5V4	4"
2 E	Intermediate	621.25	---	621.25	615.25	615.25	70'-0"	20'-0"	30'-0"	---	---	6'-0"	6'-0"	2	1'-6"	4	10'-0"	30'-0"	3'-6"	9- #5H2	94- #5V2	---	---
3 E	Intermediate	621.25	---	621.25	615.25	615.25	74'-3"	22'-1 ¹ / ₂ "	30'-0"	---	---	6'-0"	6'-0"	1	2'-3"	8	10'-0"	70'-0"	2'-0"	9- #5H2	100- #5V2	---	---
4 E	Intermediate	621.25	---	621.25	615.25	615.25	70'-0"	20'-0"	30'-0"	---	---	6'-0"	6'-0"	2	1'-6"	4	10'-0"	30'-0"	3'-6"	9- #5H2	94- #5V2	---	---
5 E	Intermediate	621.25	---	621.25	615.25	615.25	74'-10"	24'-11"	25'-0"	---	---	6'-0"	6'-0"	1	2'-10"	8	10'-0"	70'-0"	2'-0"	9- #5H2	101- #5V2	---	---
6 E	End	618.50	621.25	621.25	615.25	615.25	52'-6"	25'-0"	27'-6"	25'-0"	27'-6"	3'-3"	6'-0"	---	3'-6"	6	9'-0"	45'-0"	4'-0"	9- #5H4	34- #5V2	37- #5V1	5"



BONDED CONSTRUCTION JOINT



EXPANSION JOINT

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
H1	72	#5	32'-3"	---
H2	252	#5	38'-9"	---
H3	72	#5	23'-1"	---
H4	36	#5	27'-7"	---
V1	74	#5	8'-7"	---
V2	1566	#5	5'-8"	---
V3	254	#5	5'-10"	---
V4	40	#5	9'-10"	---

DESIGNED	NJM
CHECKED	KPH
DRAWN	JGC
CHECKED	KPH

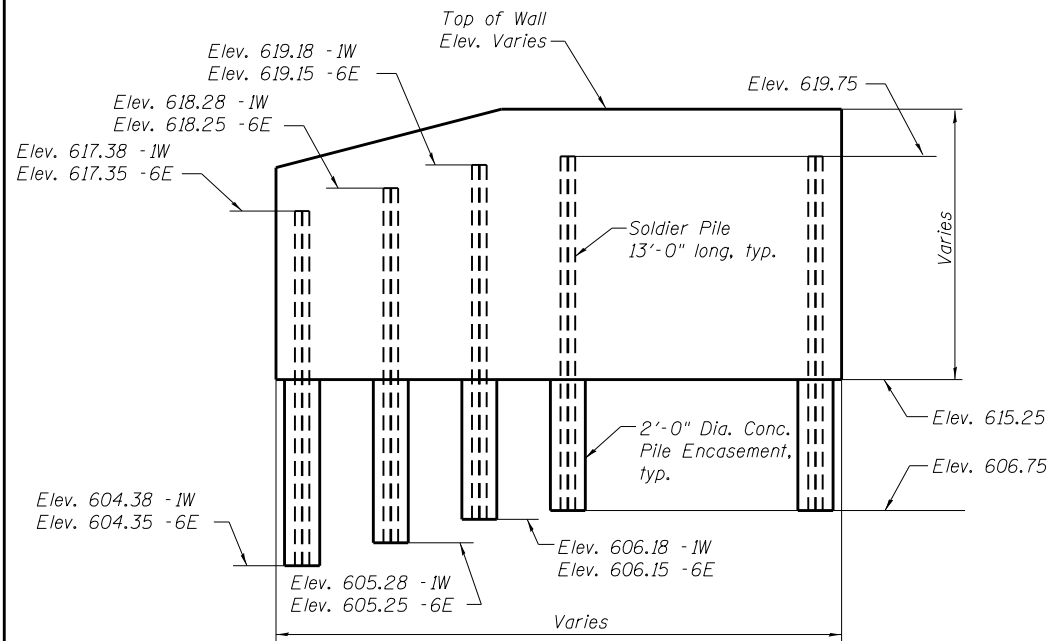
**WALL DETAILS
EAST AND WEST RETAINING WALLS
WABASH AVE. AT I-72
F.A.P. ROUTE 8012 -
SECTION 21W-3, TS-1, RS-7)
SANGAMON COUNTY**

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

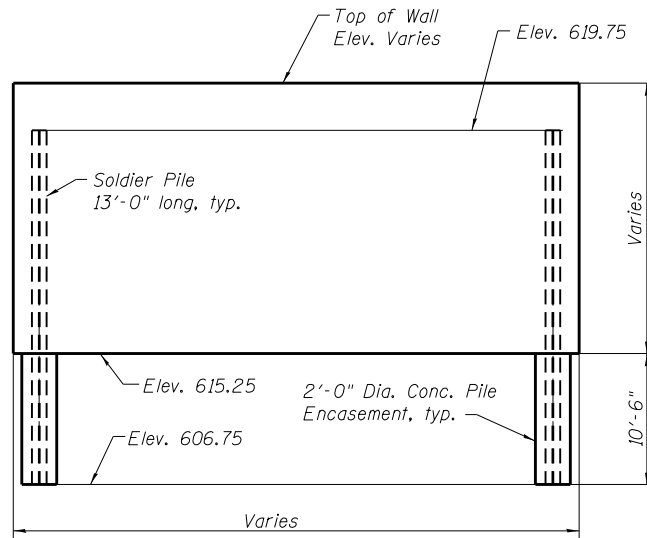
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 8012	21W-3, RS-7	SANGAMON	679	422
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 6
13 SHEETS

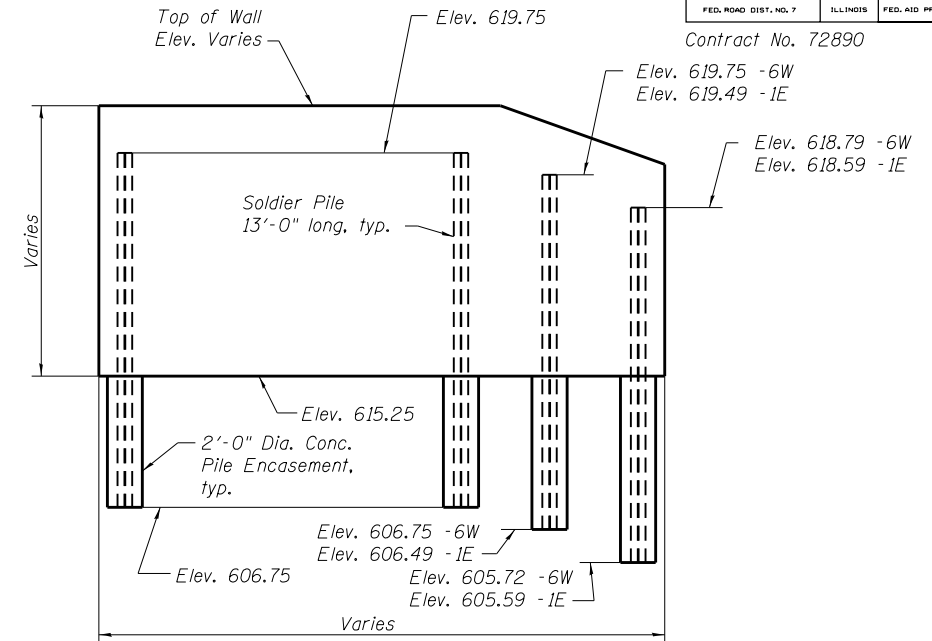
Contract No. 72890



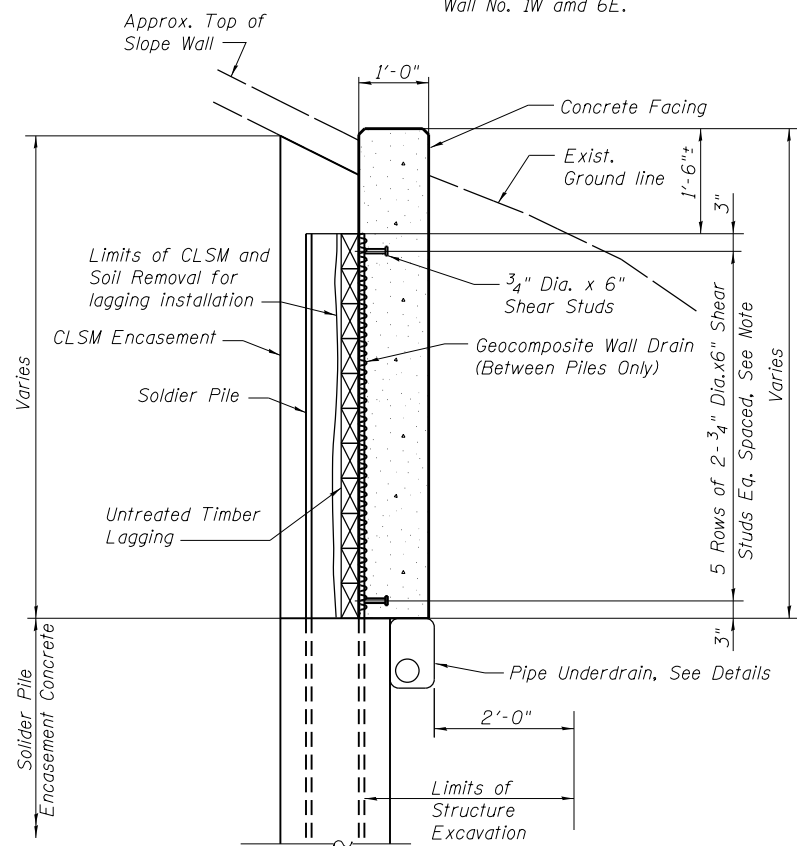
END WALL PILE DETAILS
Wall No. 1W and 6E.



INTERMEDIATE WALL PILE DETAILS
Wall Nos. 2 W thru 5 W and 2 E thru 5 E



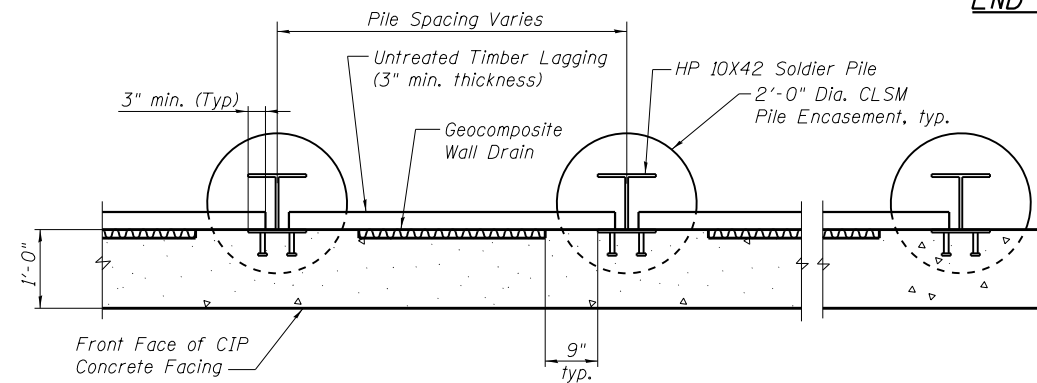
END WALL PILE DETAILS
Wall No. 6W and 1E.



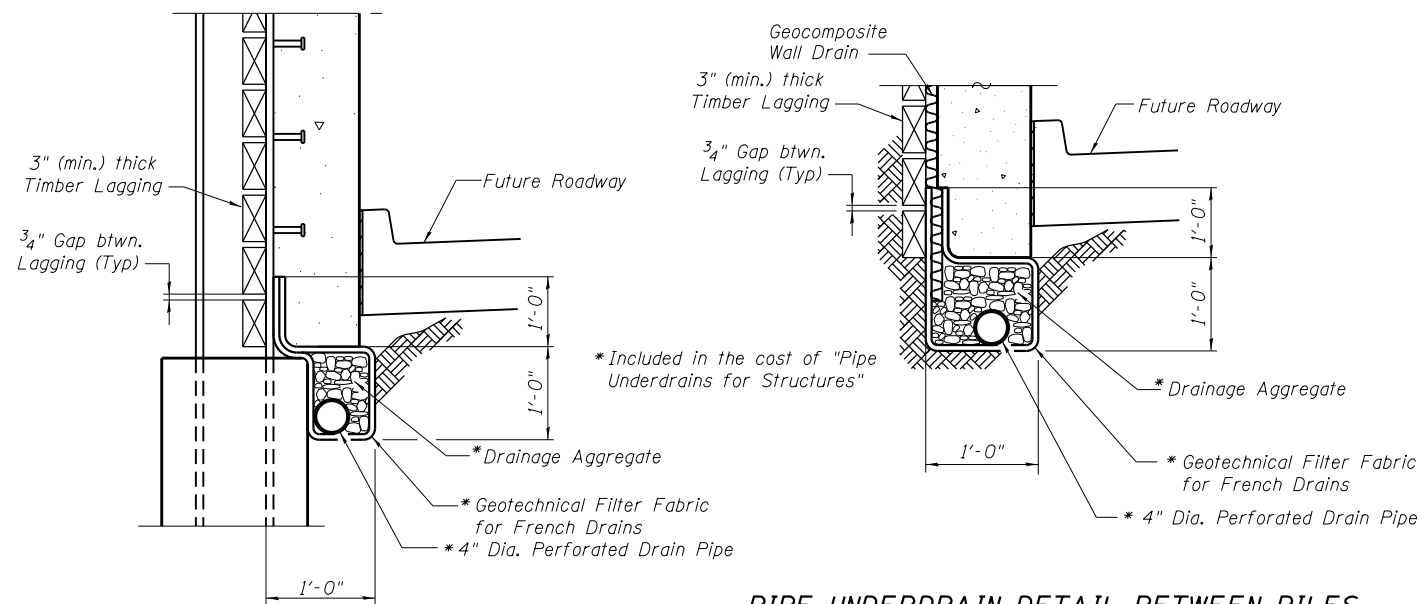
TYPICAL SECTION THRU WALL

Note: Shear Studs shall be Granular or Solid Flux Filled Studs Conforming to Article 1006.32 of the Standard Specifications. Automatically end welded.
CLSM = Controlled Low-Strength Material.

DESIGNED	NJM
CHECKED	KPH
DRAWN	JGC
CHECKED	KPH



TYPICAL HORIZONTAL WALL SECTION



PIPE UNDERDRAIN DETAIL BETWEEN PILES

PIPE UNDERDRAIN DETAIL AT PILES

Notes: See sheet 5 for spacing of piles.
Slope pipe underdrain to proposed ditches, See Roadway Plans.

WALL DETAILS
EAST AND WEST RETAINING WALLS
WABASH AVE. AT I-72
F.A.P. ROUTE 8012 -
SECTION 21W-3, TS-1, RS-7
SANGAMON COUNTY

Contract No. 72890



SOIL BORING LOG

Page 1 of 1

Date 12/29/04

ROUTE FAU 8012 DESCRIPTION Retaining Walls for Wabash Ave at I-72 Overpass LOGGED BY M. Tappan
 SECTION 21W-3, TS-1, RS-7 LOCATION NE 1/4, SEC. 15, TWP. 15 N, RNC. 6 W, 3 PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140* Auto

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
BORING NO.	Station	H	S	Qu	T	Groundwater Elev.:		H	S	Qu	T
7	376+06					No Encounter					
	79.0 ft Rt					Upon Completion	Dry @ 21.5'				
	638.1 ft					After	Monitoring Well				
Grey and Brown Moist SILTY CLAY (Fill)		1				Grey and Brown Moist SILTY CLAY (Fill) (continued)		2			
		3	1.7	21				6	2.2	22	
		5	B					7	B		
V. Dark Grey and Grey and Brown		1				V. Dark Grey Encountered Concrete at 24.5'		3			
		3	1.4	21			613.10	7	3.1	28	
		5	B			Boring Completed		20	B		
Installed Open Standpipe - Dry @ 1 Month		1									
		3	1.7	27							
		5	B								
		1									
		4	1.8	24							
		6	B								
		1									
		2	1.7	28							
		6	B								
		2									
		4	1.7	25							
		5	B								
		3									
		5	1.9	29							
		7	B								
		2									
		3	1.7	31							
		5	B								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)-Bulge, S-Shear, P-Penetrometer, E-Estimated
 Abbreviations W.O.H - Sampler Advanced by Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D1586) (BBS, Form 137 (Rev. 8-99))



SOIL BORING LOG

Page 1 of 1

Date 12/29/04

ROUTE FAU 8012 DESCRIPTION Retaining Walls for Wabash Ave at I-72 Overpass LOGGED BY M. Tappan
 SECTION 21W-3, TS-1, RS-7 LOCATION NE 1/4, SEC. 15, TWP. 15 N, RNC. 6 W, 3 PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140* Auto

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	D	B	U	M
BORING NO.	Station	H	S	Qu	T	Groundwater Elev.:		H	S	Qu	T
8	376+79					686.4					
	22.0 ft Rt					Upon Completion					
	617.9 ft					After	Plugged				
Brown Lime Modified Soil		1				Brown Lime Modified Soil		2			
	616.40	3	2.1	28				6	2.2	22	
		9	B					7	B		
V. Dark Grey Moist SILTY CLAY (Fill) w/ Crushed Limestone		1				V. Dark Grey Moist SILTY CLAY		3			
	614.90	3	1.6	28				7	3.1	28	
		5	B					20	B		
Olive Brown and Light Blue Grey Moist SILT LOAM Poor Recovery		1				Olive Brown and Light Blue Grey Moist SILT LOAM Poor Recovery		1			
	612.40	2	0.7	28				2	B		
		2	B								
		0									
		1	0.5	29							
		2	B								
		10	B								
Grey and Brown Moist SILTY CLAY Free Water		0				Grey and Brown Moist SILTY CLAY Free Water		0			
	607.40	1	0.5	24				1	0.5	24	
		2	B					2	B		
Grey and Brown Moist V. Weathered SILTY CLAY (Fill)		0				Grey and Brown Moist V. Weathered SILTY CLAY (Fill)		0			
	604.90	1	0.7	27				1	0.7	27	
		2	B					15	B		
Boring Completed						Boring Completed					
Refer STA to Painted STA on Wabash						Refer STA to Painted STA on Wabash					
Refer Elevation to BM Disk Curran #2 - 640.8						Refer Elevation to BM Disk Curran #2 - 640.8					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B)-Bulge, S-Shear, P-Penetrometer, E-Estimated
 Abbreviations W.O.H - Sampler Advanced by Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D1586) (BBS, Form 137 (Rev. 8-99))

DESIGNED	---
CHECKED	---
DRAWN	NJM
CHECKED	KPH

BORING LOGS
WABASH AVE. AT I-72
F.A.P. ROUTE 8012 -
SECTION 21W-3, TS-1, RS-7)
SANGAMON COUNTY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 8012	21W-3, TS-1, RS-7	SANGAMON	679	428
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 12
13 SHEETS

Contract No. 72890



Illinois Department of Transportation
Division of Highways
DOT District 6

SOIL BORING LOG

Page 1 of 2

Date 1/11/72

ROUTE FAU 8012 DESCRIPTION FAP 408 over US 36-54 LOGGED BY R. Savant
Wabash Ave
SECTION 21W-3, TS-1, RS-7 LOCATION NE 1/4, SEC. 15, TWP. 15 N, RNG. 6 W, 3 PM
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Safety

STRUCT. NO.	Station	B	L	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.
084-0148	1370+00.78	12	21	29	29	N/A	N/A	No Data	No Data	No Data		
Brown and Yellow SILTY CLAY												
Brown CLAY LOAM (T ₁₁) (continued)												
594.50												
Brown SAND and GRAVEL												
592.50												
Brown and Grey SILT												
Brown and Grey CLAY (T ₁₁)												
607.50												
Red and Brown SILTY CLAY												
605.00												
Red and Brown CLAY LOAM (T ₁₁)												
602.50												
Red and Brown and Grey CLAY (T ₁₁)												
597.50												
Brown CLAY LOAM (T ₁₁)												

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Latitude Longitude Down Job Number

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced by Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586, From 137 (Rev. 8-99))



Illinois Department of Transportation
Division of Highways
DOT District 6

SOIL BORING LOG

Page 2 of 2

Date 1/11/72

ROUTE FAU 8012 DESCRIPTION FAP 408 over US 36-54 LOGGED BY R. Savant
Wabash Ave
SECTION 21W-3, TS-1, RS-7 LOCATION NE 1/4, SEC. 15, TWP. 15 N, RNG. 6 W, 3 PM
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Safety

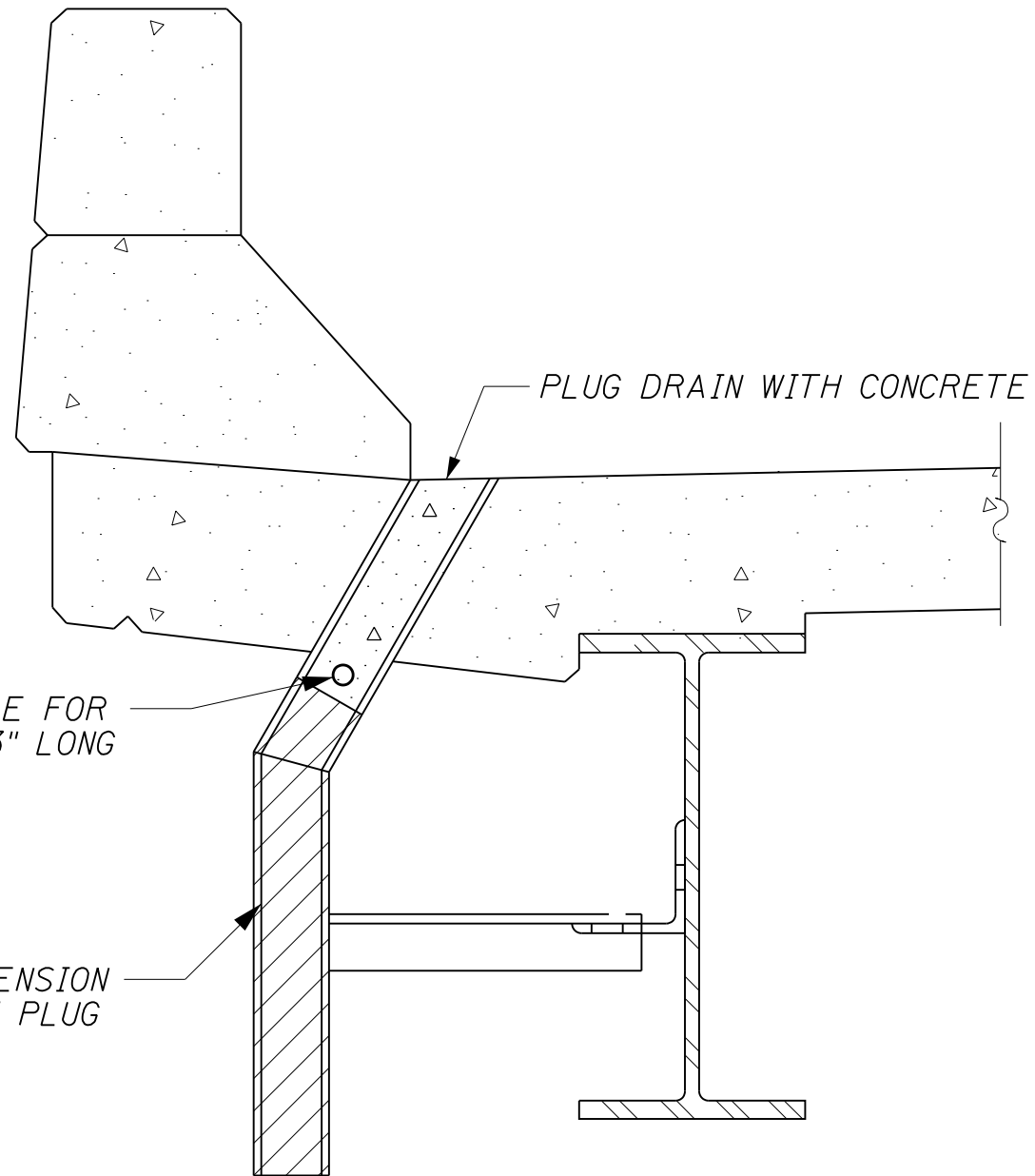
STRUCT. NO.	Station	B	L	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.
084-0148	1370+00.78	28	NR	14	14	N/A	N/A	No Data	No Data	No Data		
Brown and Grey CLAY (T ₁₁) (continued)												
575.50												
Boring Completed												

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Latitude Longitude Down Job Number

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced by Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586, From 137 (Rev. 8-99))

DESIGNED	---
CHECKED	---
DRAWN	NJM
CHECKED	KPH

BORING LOGS
WABASH AVE. AT I-72
F.A.P. ROUTE 8012 -
SECTION 21W-3, TS-1, RS-7
SANGAMON COUNTY



FIELD DRILL $\frac{3}{8}$ " DIA. HOLE FOR
 $\frac{1}{4}$ " DIA. THREADED ROD 13" LONG
 WITH NUTS AND WASHERS

REMOVE EXISTING DRAIN EXTENSION
 (INCLUDED WITH THE COST OF PLUG
 EXISTING DECK DRAINS)

PLUG DRAIN WITH CONCRETE

SECTION AT DRAIN

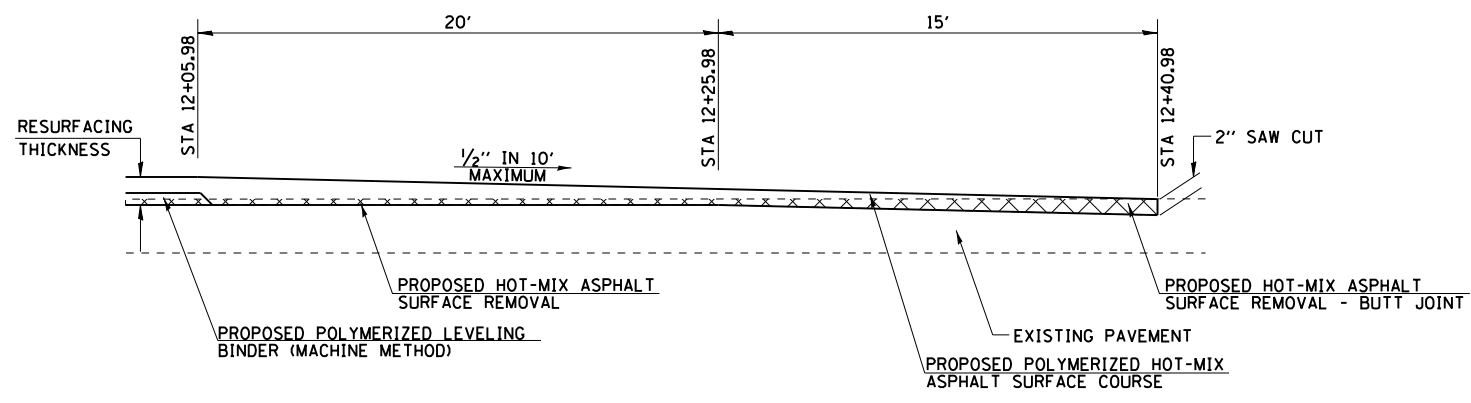
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

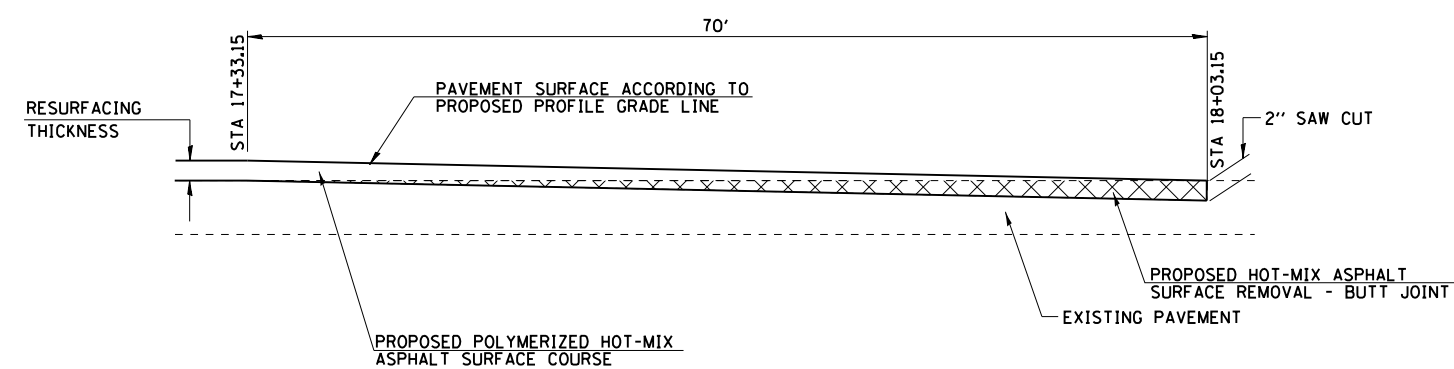
DRAIN ELIMINATION DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

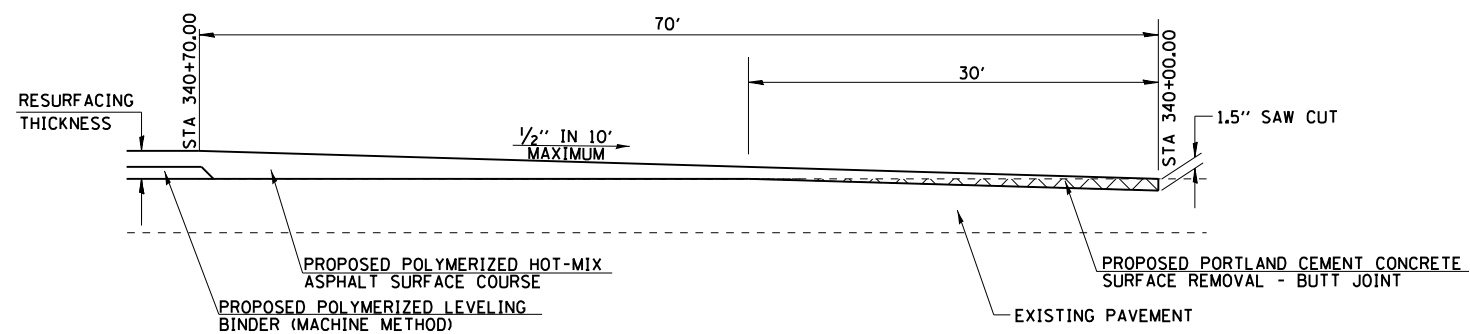
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	•	SANGAMON	679	430
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	



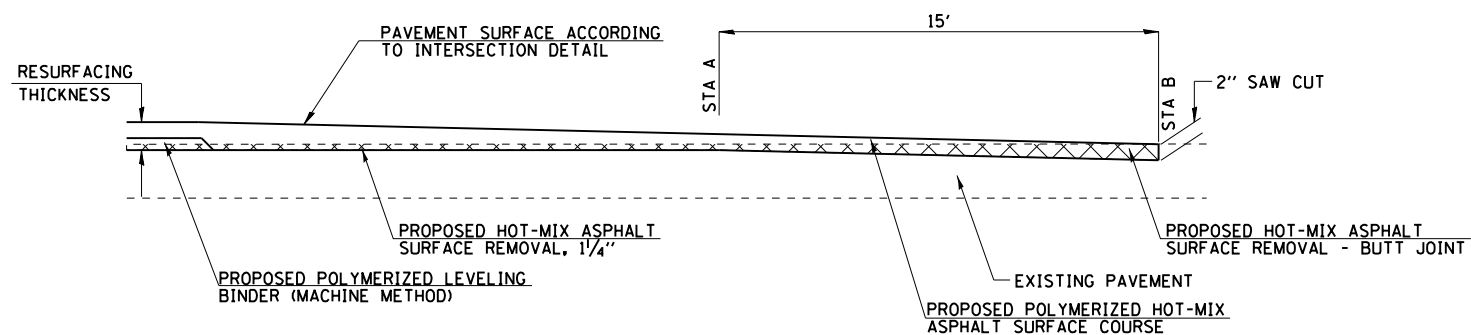
BUTT JOINT DETAIL - INTERNATIONAL PARKWAY



BUTT JOINT DETAIL - ARCHER ELEVATOR ROAD

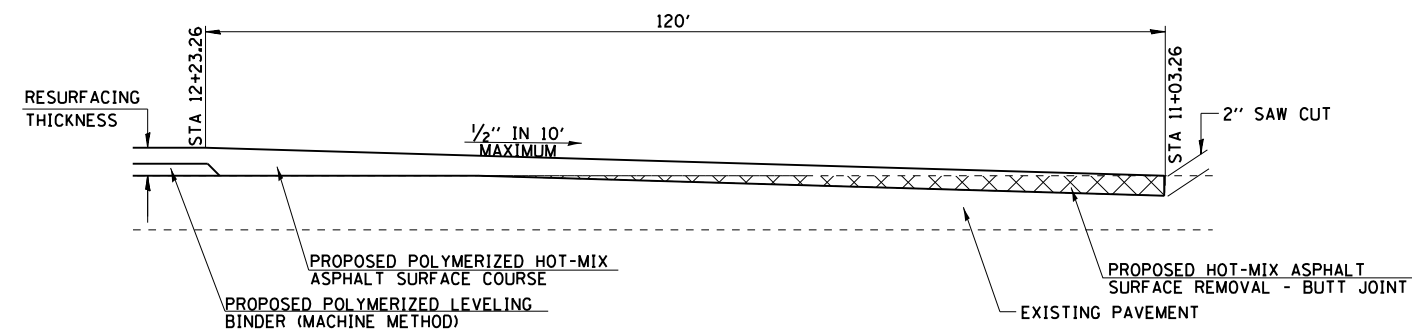


BUTT JOINT DETAIL - WABASH AVENUE



BUTT JOINT DETAIL

LOCATION	STA A	STA B
ASH GROVE ROAD	12+27.18	12+42.18
PLEASANT RUN	9+22.05	9+07.05
MEADOWBROOK NORTH	11+70.95	11+85.95
MEADOWBROOK SOUTH	63+50.15	63+35.15



BUTT JOINT DETAIL - COCKRELL LANE

NOTE: HMA SURFACE REMOVAL - BUTT JOINT VARIES IN WIDTH THROUGHOUT TRANSITION. SEE PLAN SHEET.

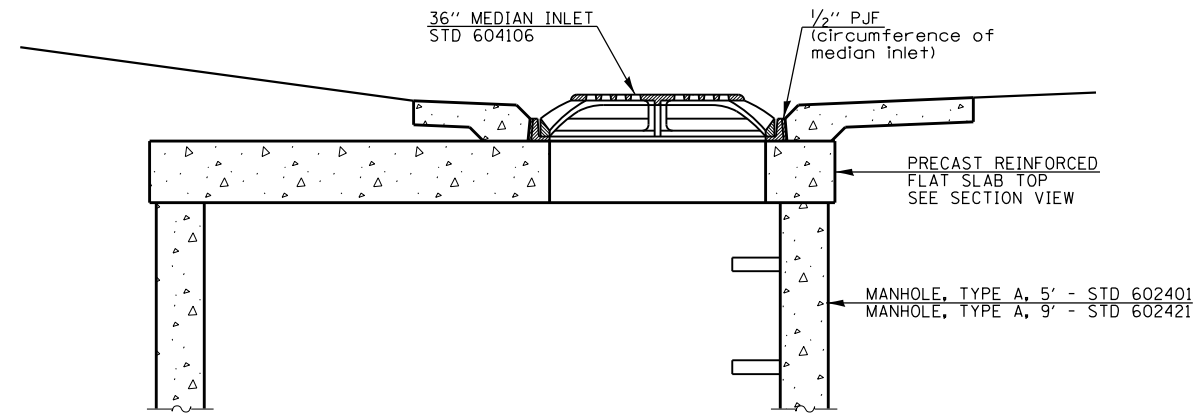
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT DETAILS

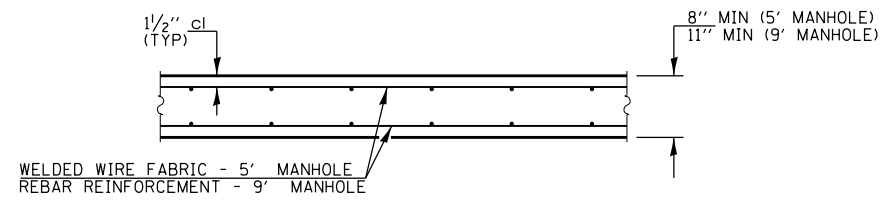
SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	431
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



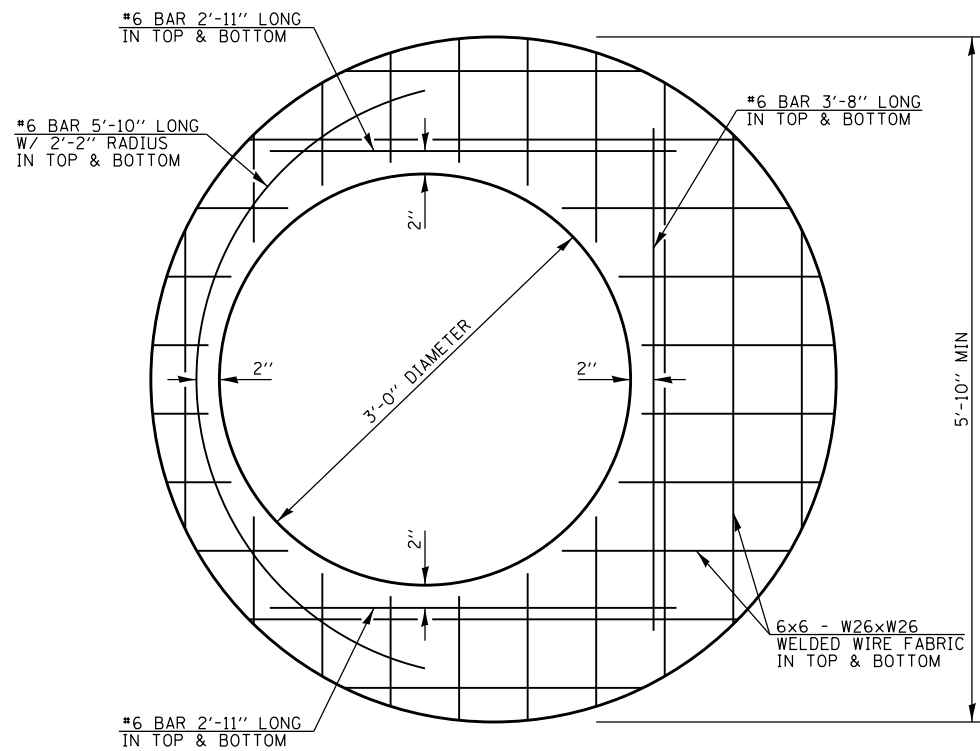
ELEVATION

DETAIL OF STANDARD 36" MEDIAN INLET OF FLAT SLAB TOP



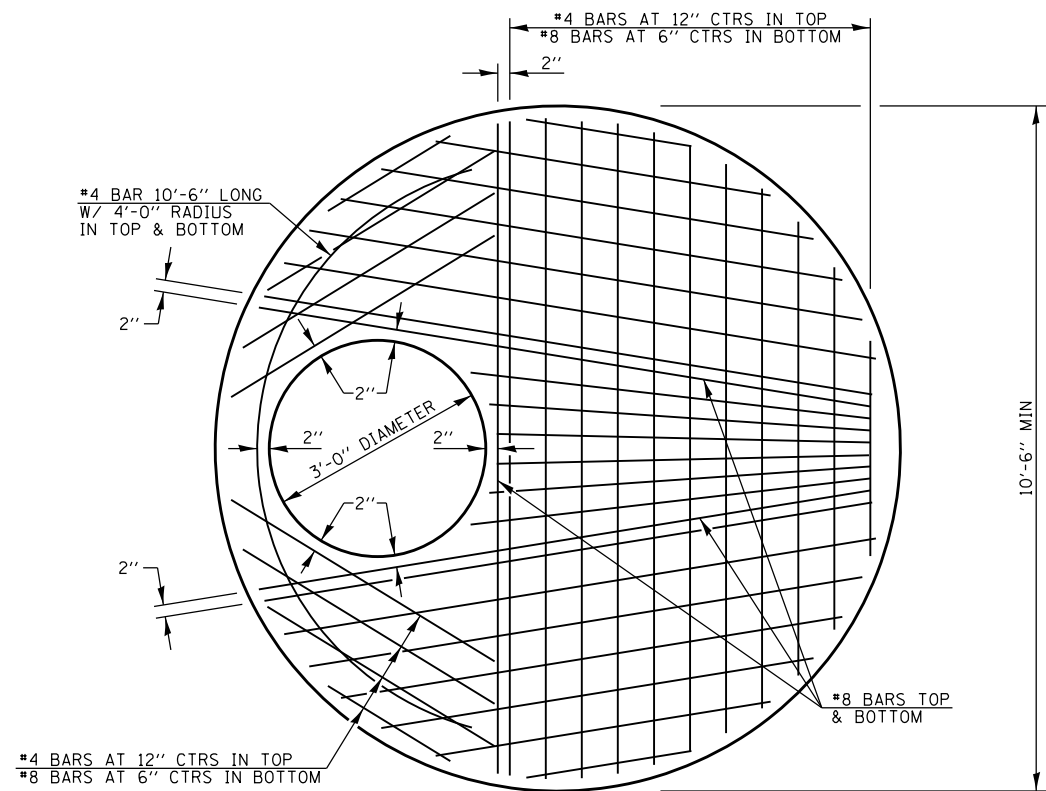
SECTION VIEW

TYPICAL FLAT SLAB TOP FOR 5' & 9' MANHOLES



PLAN

5' MANHOLE FLAT SLAB TOP DETAIL WITH 36" OPENING



PLAN

9' MANHOLE FLAT SLAB TOP DETAIL WITH 36" OPENING

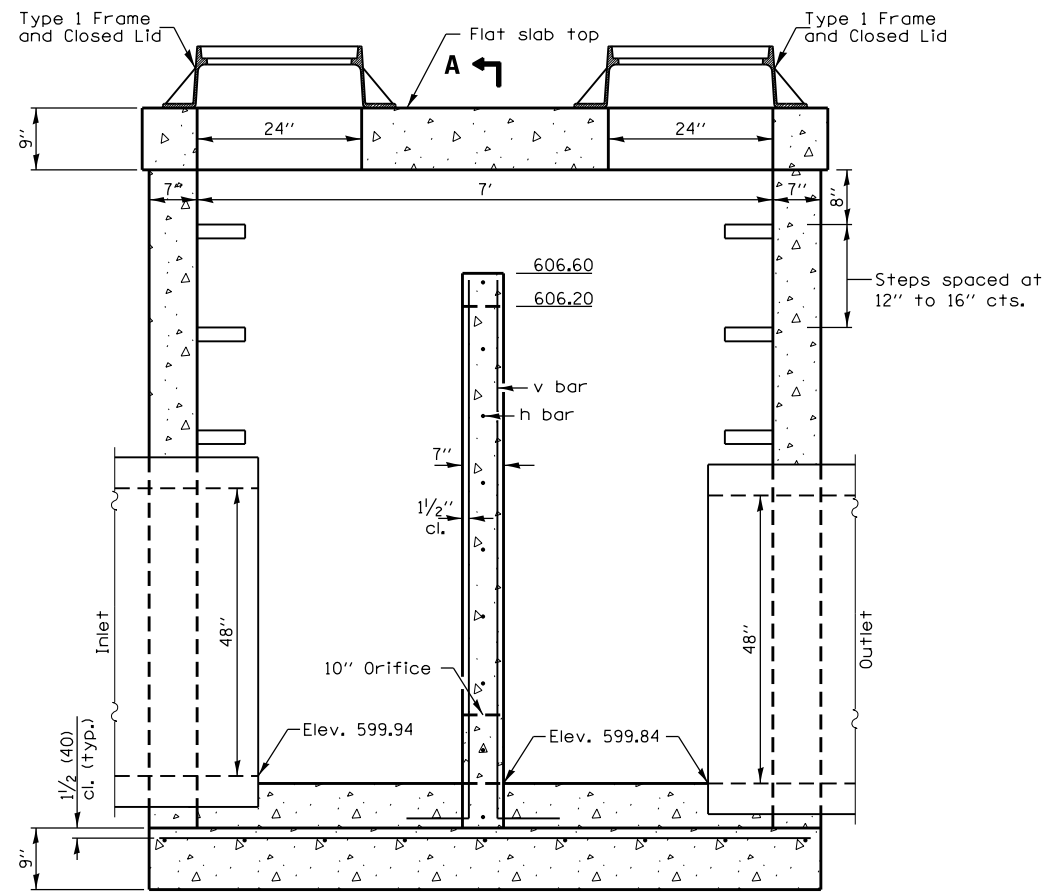
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

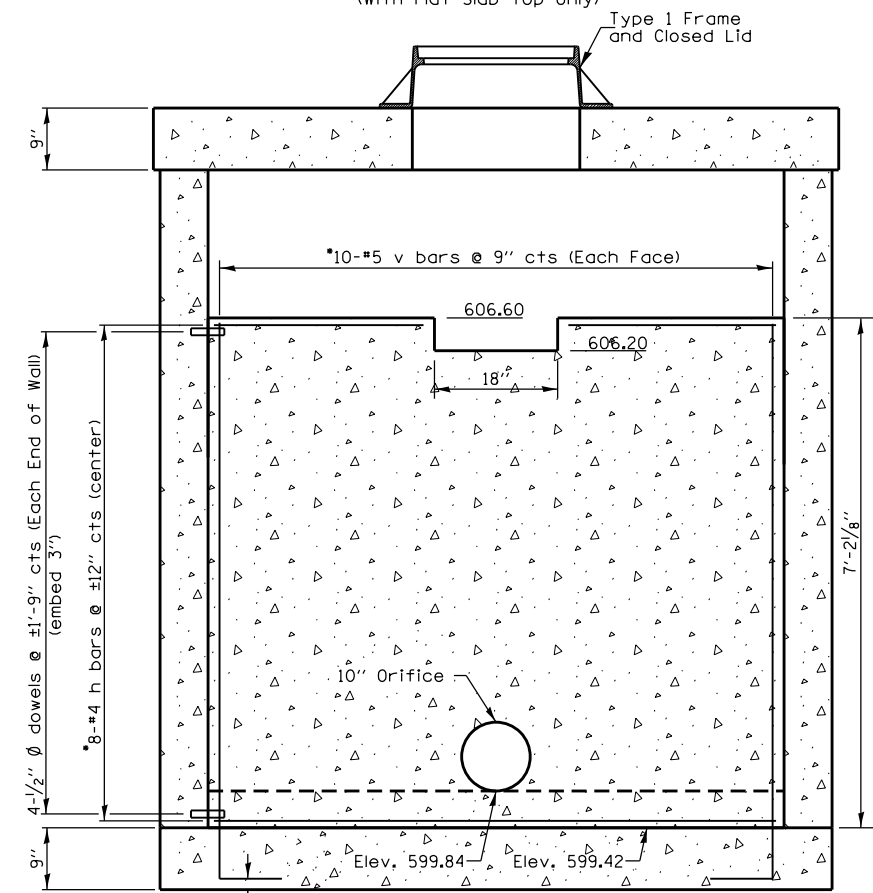
SPECIAL FLAT SLAB TOP DETAIL

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

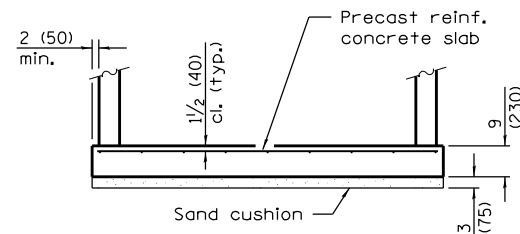
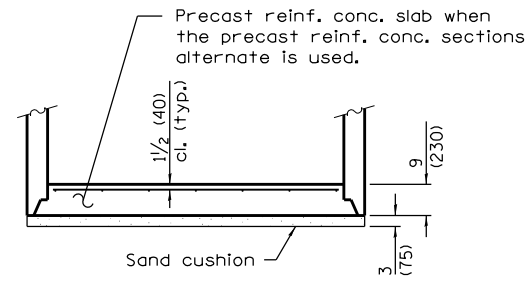
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	432
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	



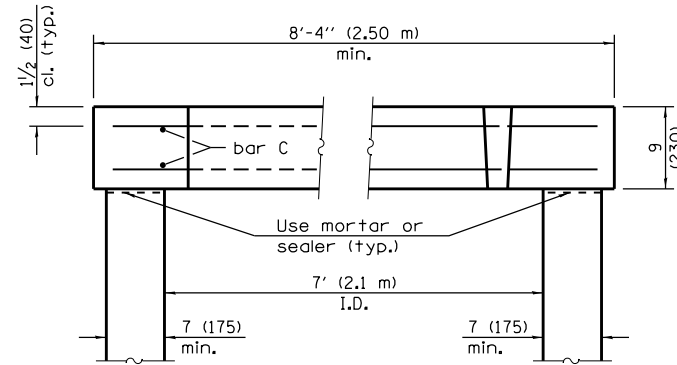
A ELEVATION
(With Flat Slab Top Only)



SECTION A-A



ALTERNATE BOTTOM SLABS



SECTION B-B
(Typical of each top)

*Note: trim bars as necessary for 10" Orifice and cut out.

ALTERNATE MATERIALS FOR RISER WALLS	T (min)
Concrete Masonry Units	5 (125)
Precast Reinforced Concrete Sections	4 (100)
Cast-In-Place Concrete	6 (150)

GENERAL NOTES

Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.

Lifting devices shall be approved by the Engineer.

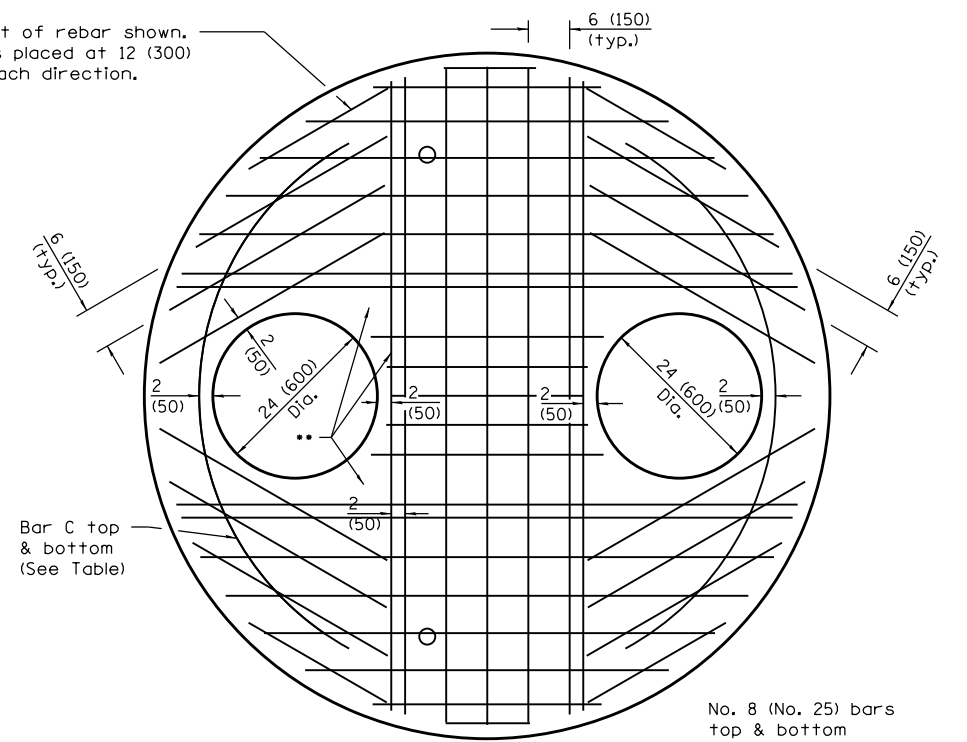
Bottom slabs shall be reinforced with a minimum of 0.31 sq. in./ft. (660 sq. mm/m) in both directions with a maximum spacing of 12 (300).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

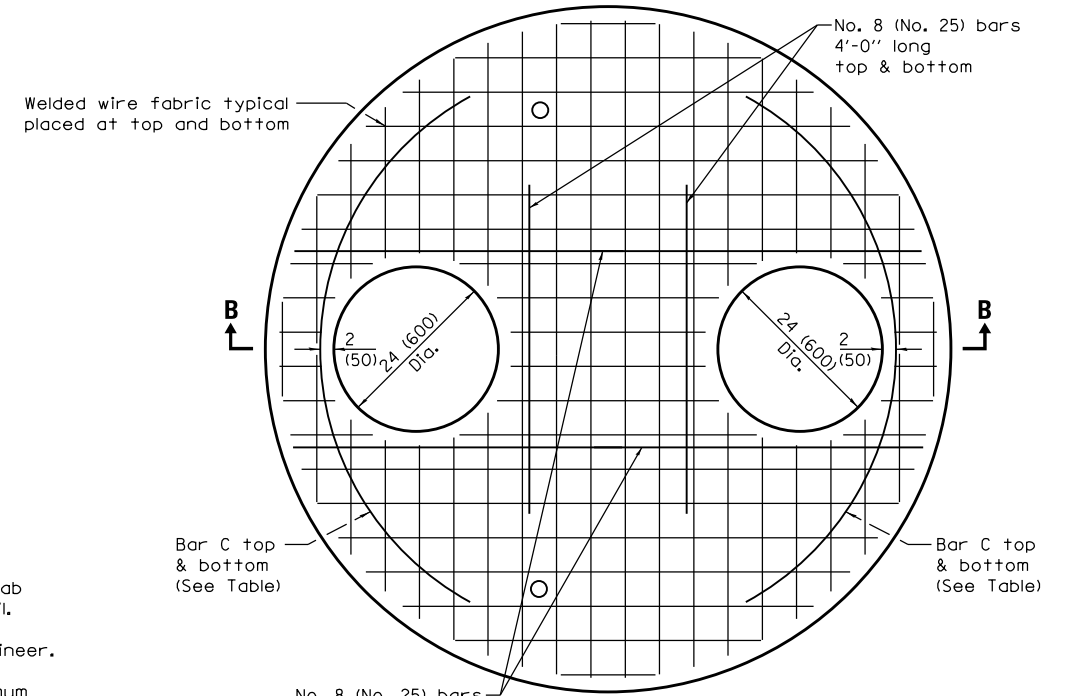
See Standard 602701 for details of manhole steps.

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

Bottom mat of rebar shown. Top mat is placed at 12 (300) centers each direction.



PLAN
Showing Rebar Reinforcement



PLAN
Showing Welded Wire Fabric Reinforcement

Diameter of opening	Reinforcement Bar Size	Reinforcement "As" WWF each direction	No. 4 (No. 13) Bar C	
			Length	Radius
24 (600)	Bottom mat No. 8 (No. 25)	Bottom mat **** 1.57 sq. in./ft. (3325 sq. mm/m)	7'-6" (2.30 m)	3'-6" (1.067 m)
	Top mat No. 4 (No. 13)	Top mat **** 0.20 sq. in./ft. (425 sq. mm/m)		

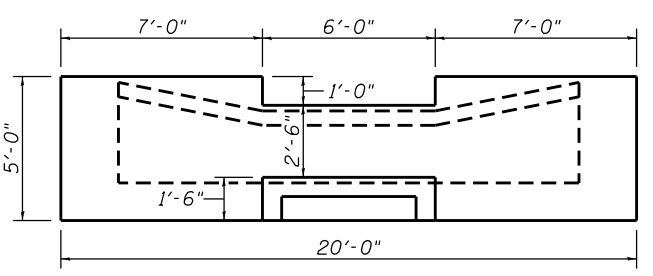
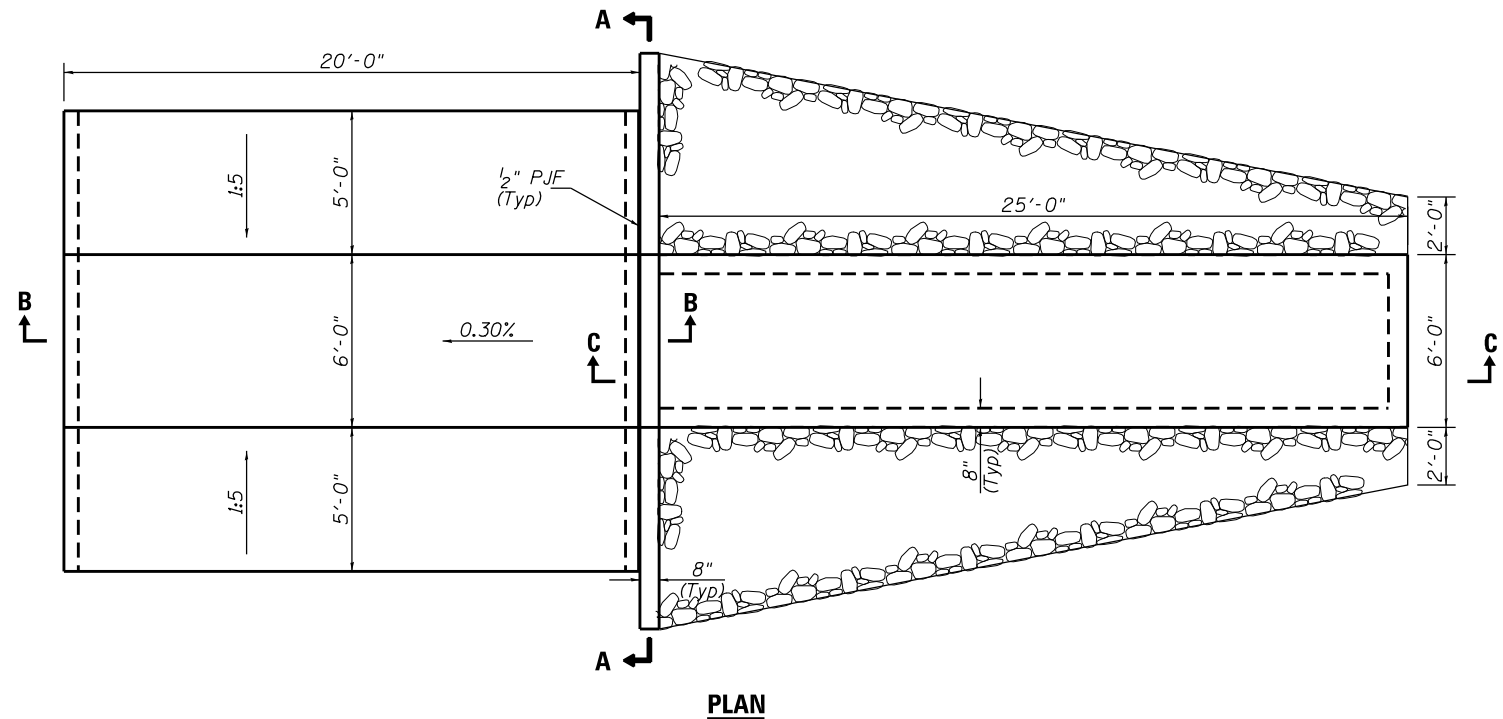
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

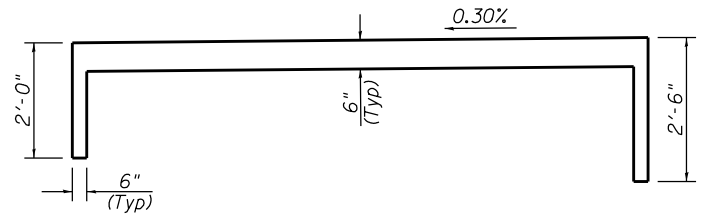
MANHOLE, SPECIAL
WABASH AVE - STA 464+80.00 LT

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

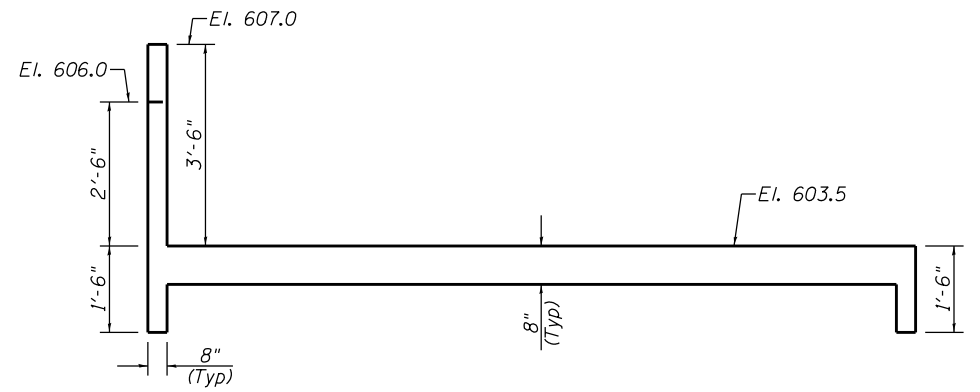
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	433
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



SECTION A-A



SECTION B-B



SECTION C-C

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	18	#4	6'-3"	□
a ₁	20	#4	3'-9"	—
b	18	#4	24'-9"	—
h	10	#4	19'-9"	—
h ₁	4	#4	6'-9"	—
v	15	#4	5'-10"	L
v ₁	32	#4	4'-9"	—
v ₂	7	#4	3'-9"	—
v ₃	14	#4	4'-2"	L
Concrete Structures			Cu. Yd.	7.2
Reinforcement Bars			Pound	790
Paved Ditch (Special)			Foot	20
Cofferdam (Type 1) (Location-1)			Each	1

Notes:
 Cost of Structure Excavation required for South Outlet and Weir installation shall be included with Concrete Structures

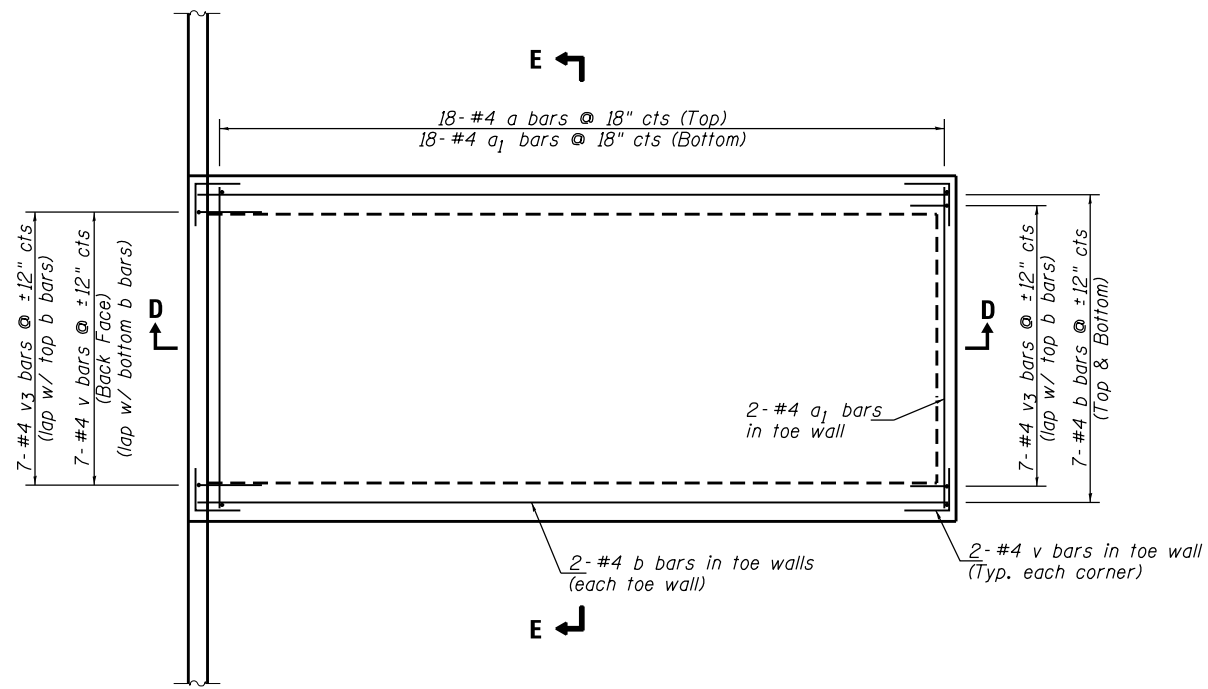
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**KERASOTES RETENTION BASIN
 SOUTH OUTLET WEIR DETAIL**

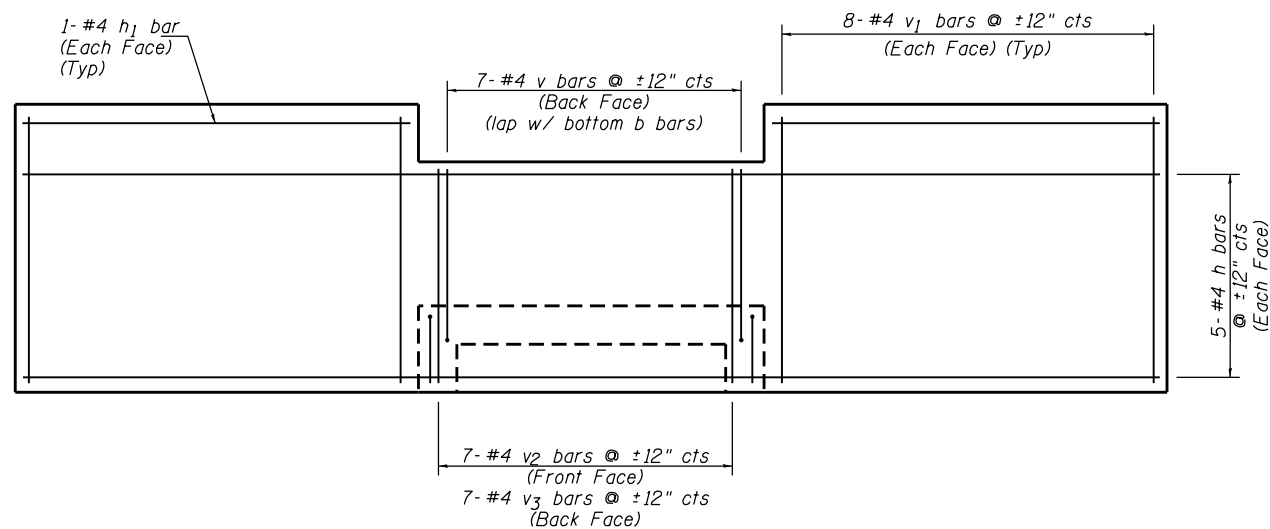
SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	434
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



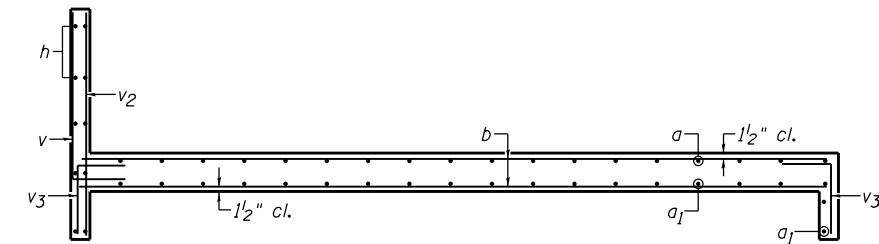
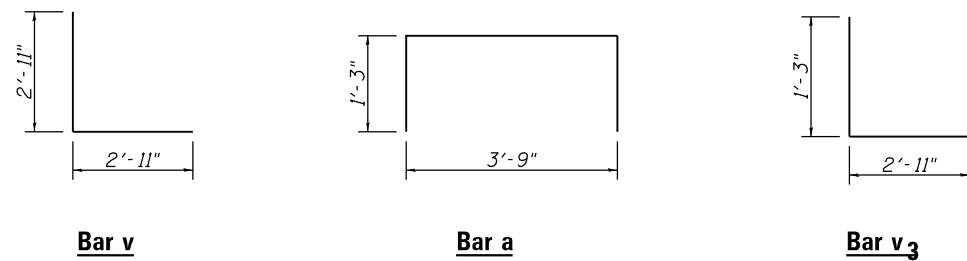
PLAN

Showing Rebar Reinforcement

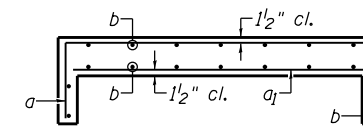


ELEVATION

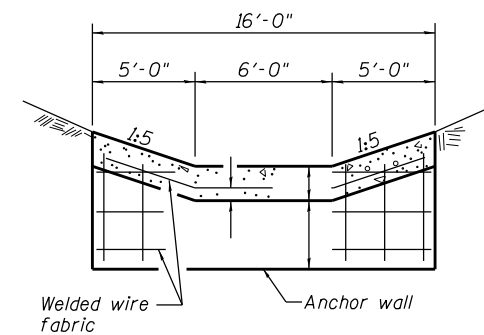
Showing Rebar Reinforcement



SECTION D-D

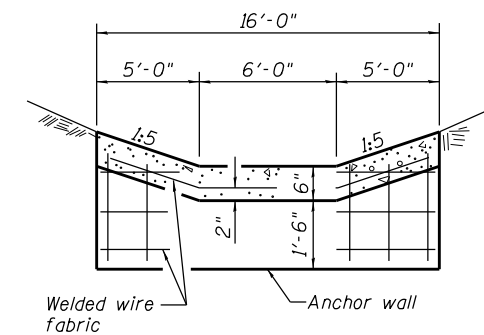


SECTION E-E



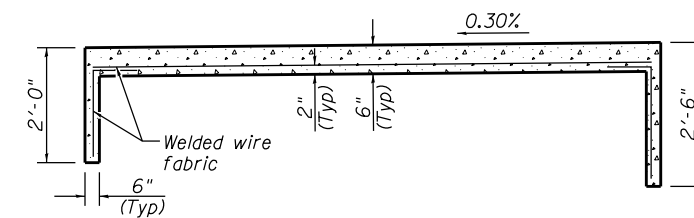
ELEVATION

At Upstream End



ELEVATION

At Downstream End



LONGITUDINAL SECTION

PAVED DITCH (SPECIAL)

Showing Welded Wire Fabric Reinforcement

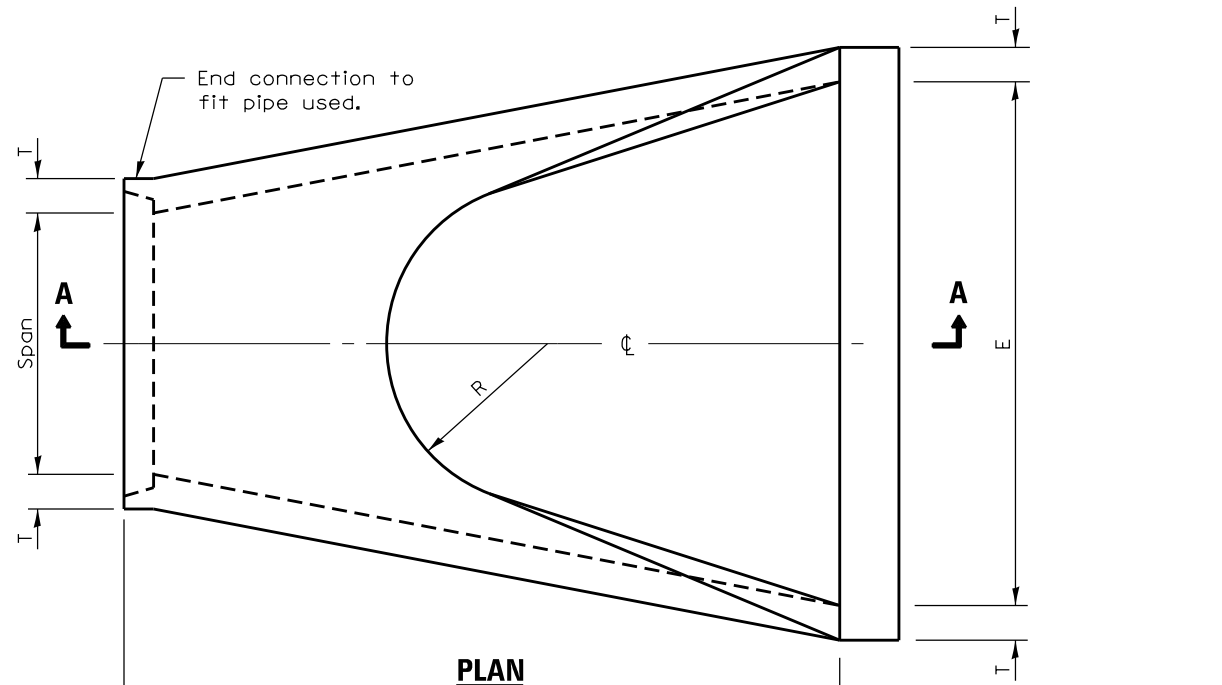
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

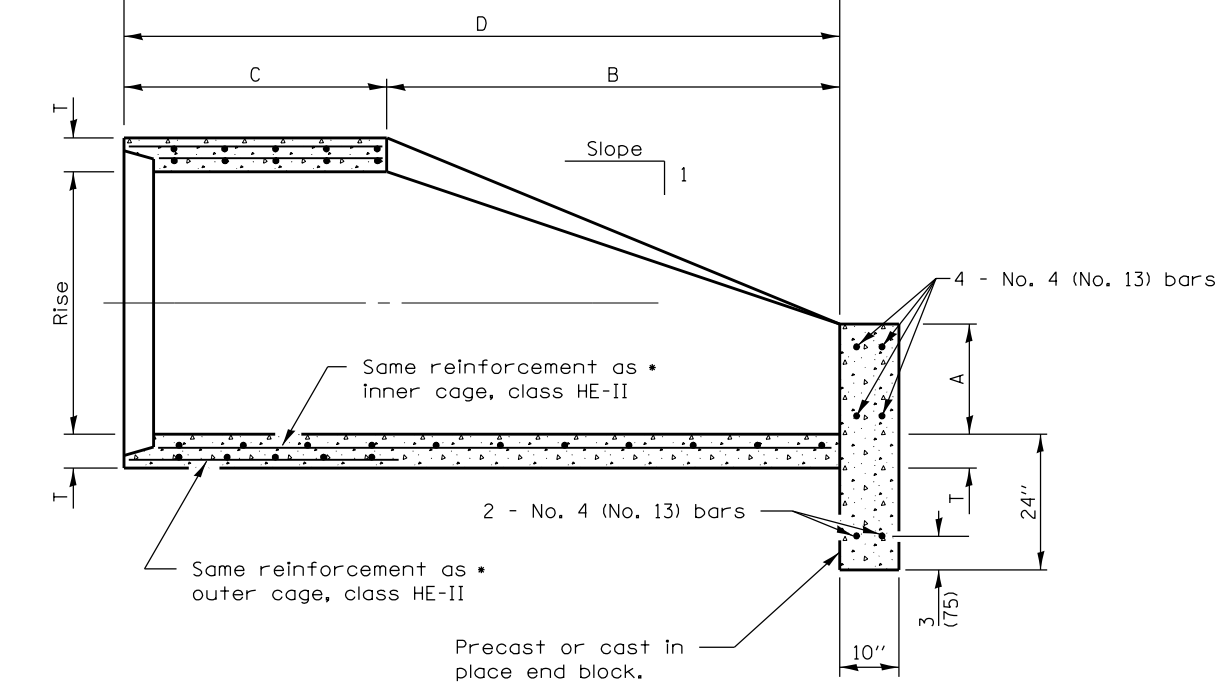
KERASOTES RETENTION BASIN
SOUTH OUTLET WEIR DETAIL

SCALE: N/A SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	435
			CONTRACT NO. 72890	
ILLINOIS FED. AID PROJECT				

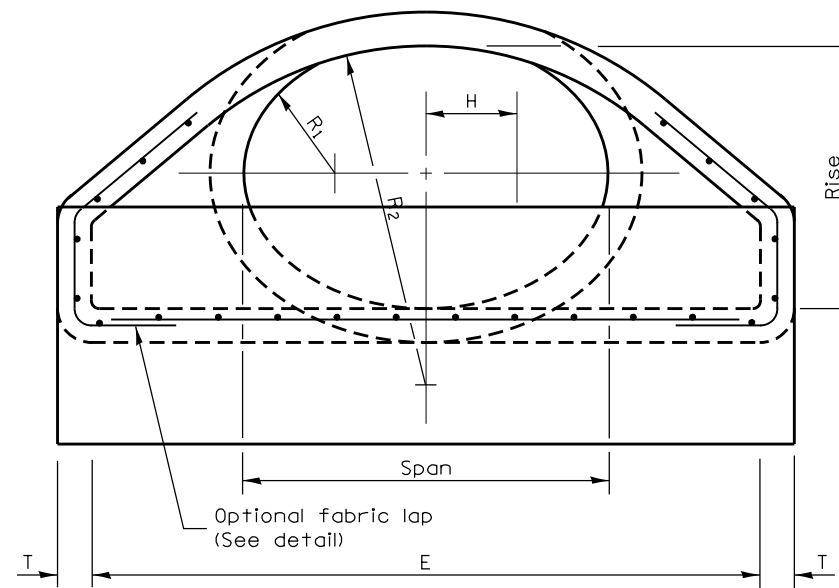


PLAN

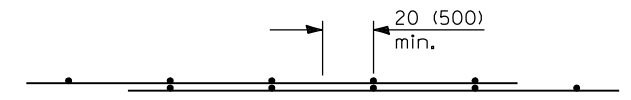


SECTION A-A

SPAN	RISE	EQUIV. DIA.	WALL T	A	B	C	D	E	H	R	R ₁	R ₂	APPROX. SLOPE
53 (1346)	34 (864)	42 (1050)	5 (127)	15 3/4 (400)	5'-0" (1,524 m)	36 (914)	8'-0" (2,438 m)	6'-6" (1,981 m)	12 1/8 (308)	13 (330)	14 1/2 (368)	3'-10" (1,168 m)	1:2.6
60 (1524)	38 (965)	48 (1200)	5 1/2 (140)	21 (533)	5'-0" (1,524 m)	36 (914)	8'-0" (2,438 m)	7'-0" (2,134 m)	13 1/2 (343)	14 (356)	16 1/2 (419)	4'-3 1/2" (1,308 m)	1:2.7



END VIEW



OPTIONAL FABRIC LAP

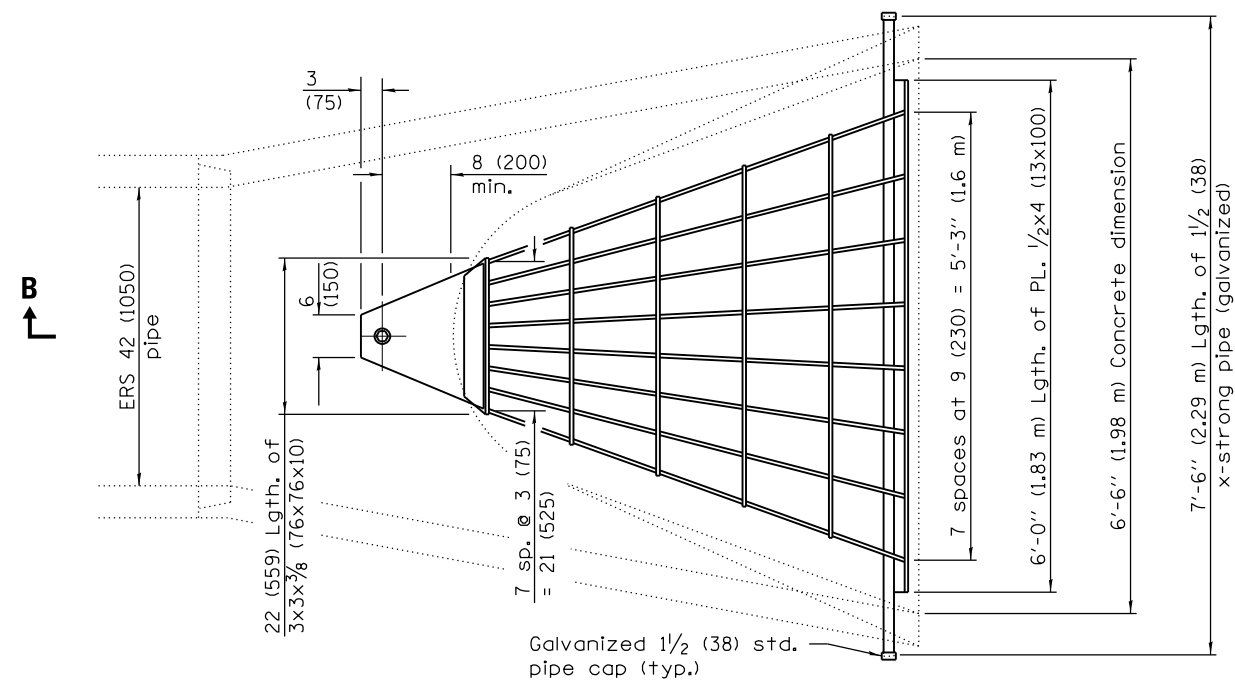
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	PLOT DATE = Mar-04-2014 03:53:30PM	DATE - 12/04/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRECAST REINFORCED CONCRETE
ELLIPTICAL FLARED DROP BOX END SECTION**

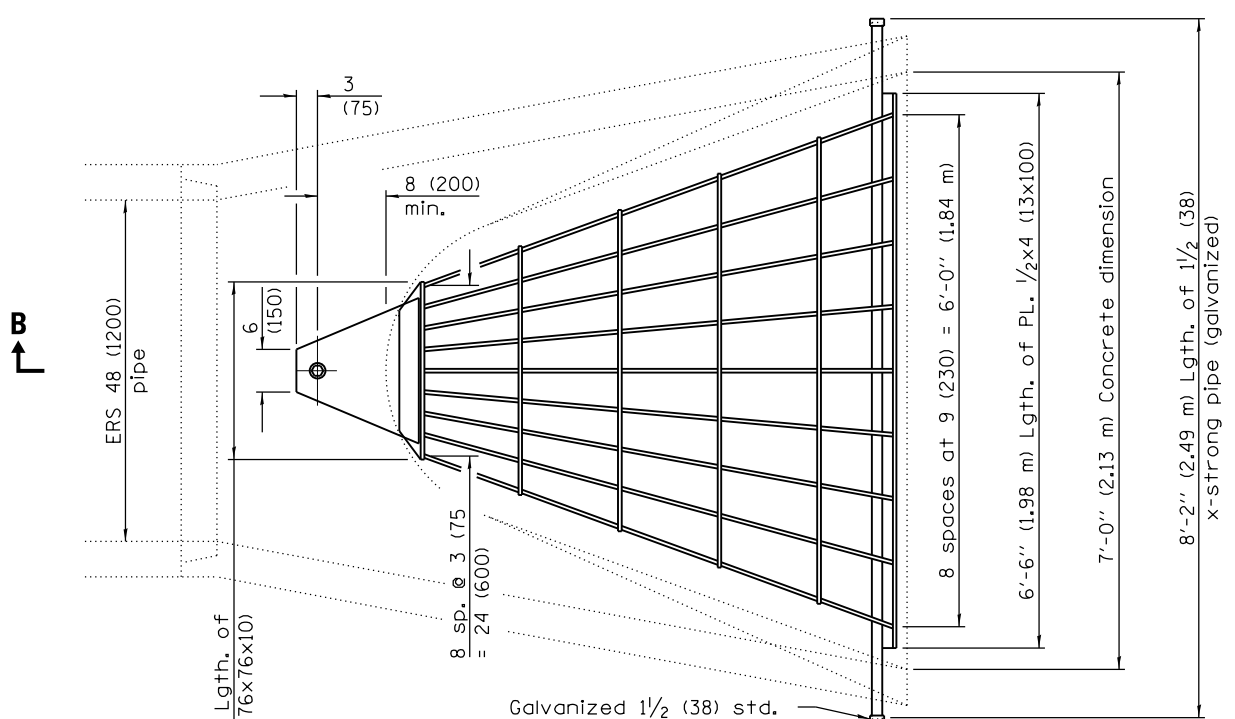
SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	436
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



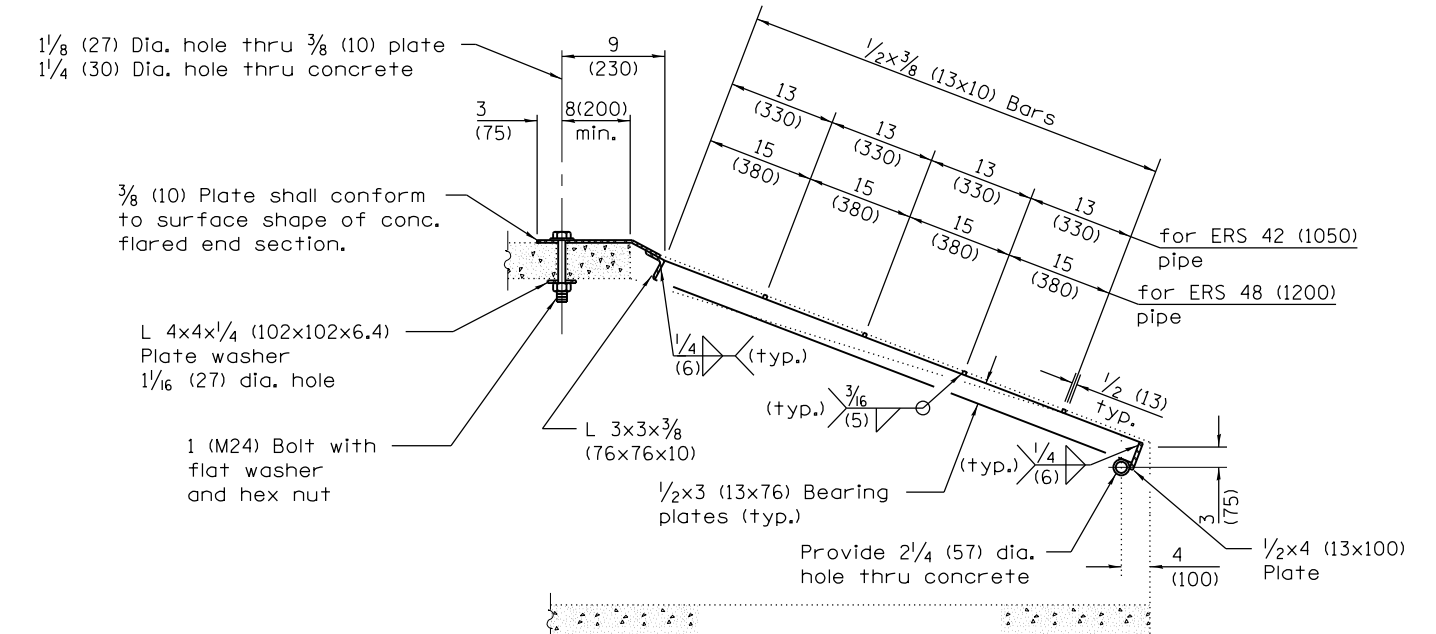
PLAN

Quantity of steel = 320 lbs. (145 kg)



PLAN

Quantity of steel = 400 lbs. (181 kg)



SECTION B-B

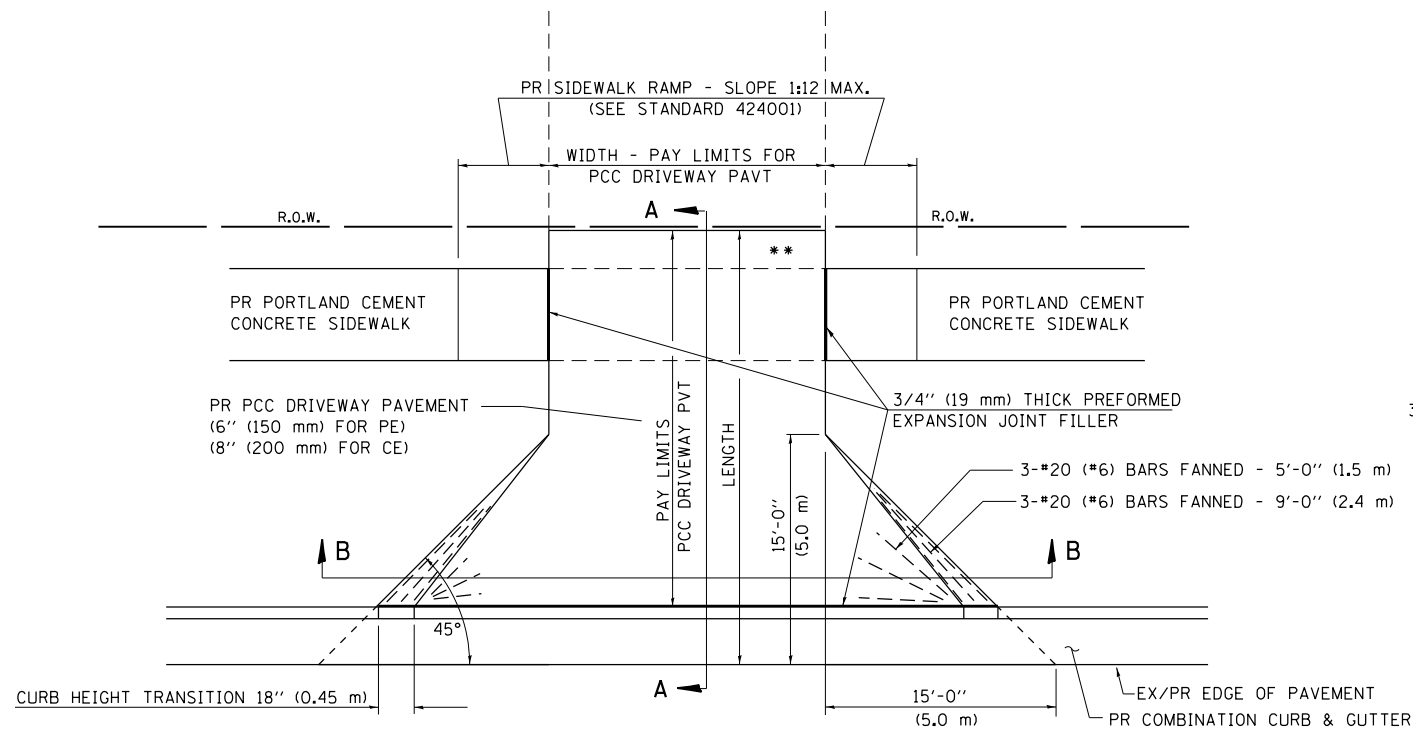
GENERAL NOTES

Approximate quantity of steel shown includes total quantity of grating, bolts, nuts, washers and steel pipe.

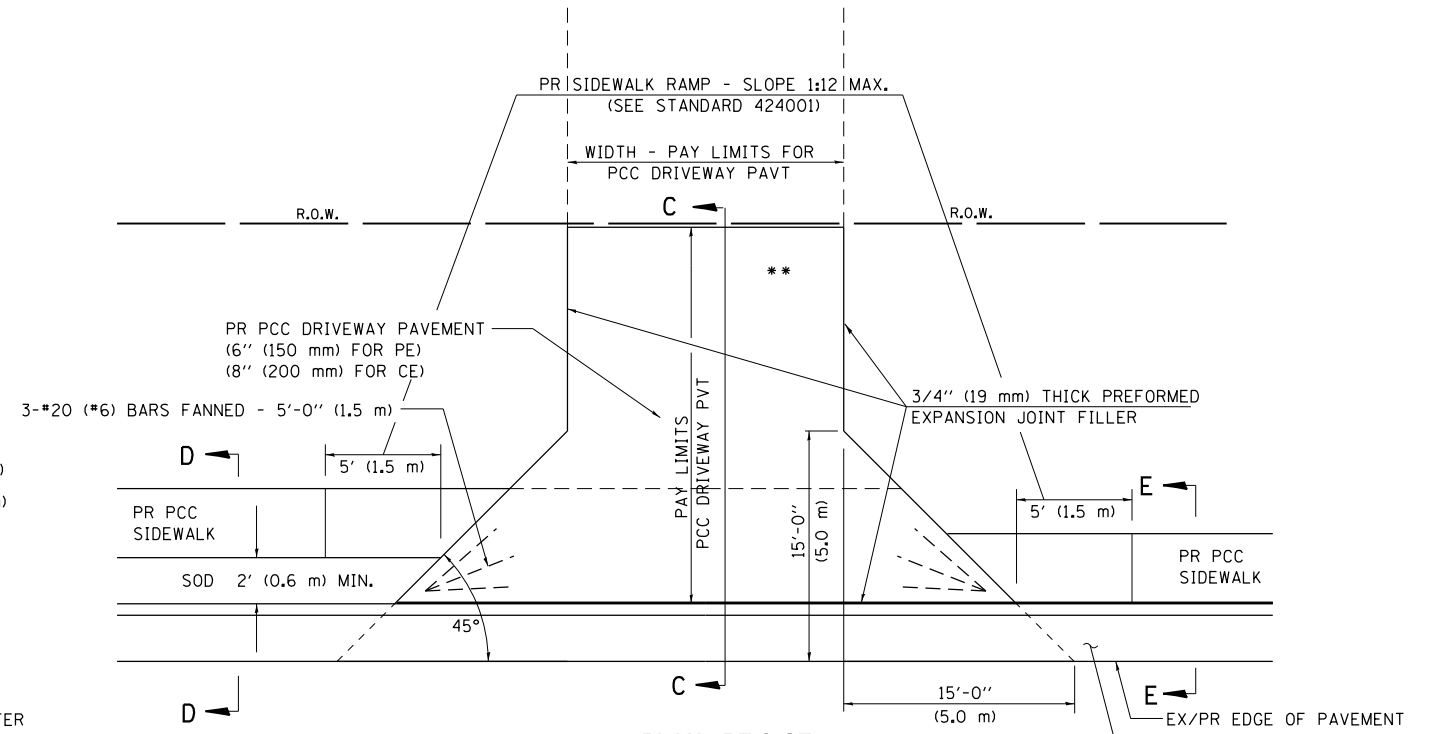
Holes in the precast concrete flared end sections shall be cored to the diameters noted. If cone-out on the other end of the hole occurs, the hole shall be filled with grout to correct the diameter of the hole.

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

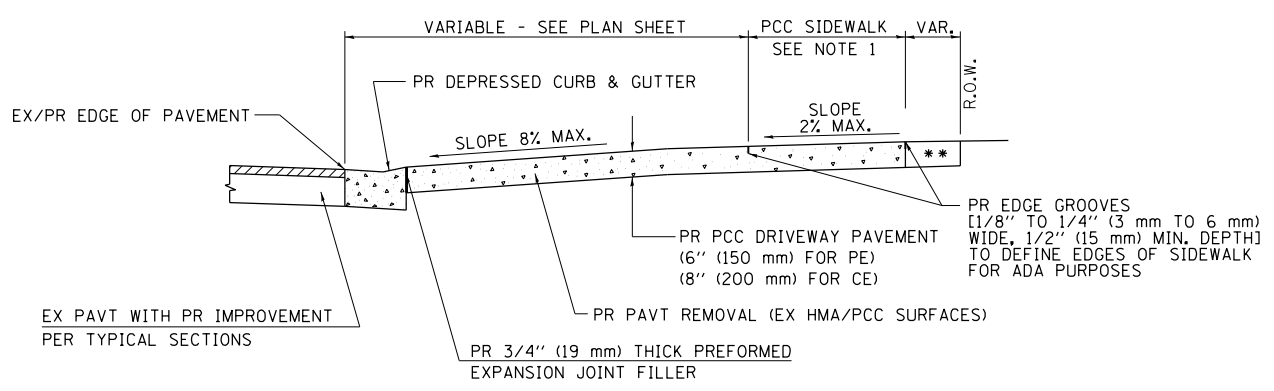
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	PLOT SCALE = 2.0000' / in.	CHECKED - AWM	REVISED -					CONTRACT NO. 72890				
	PLOT DATE = Mar-04-2014 03:53:30PM	DATE - 12/04/2013	REVISED -					ILLINOIS FED. AID PROJECT				



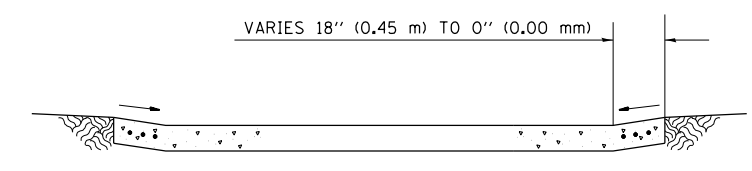
PLAN - PE & CE



PLAN - PE & CE (SIDEWALK ADJACENT TO CURB)



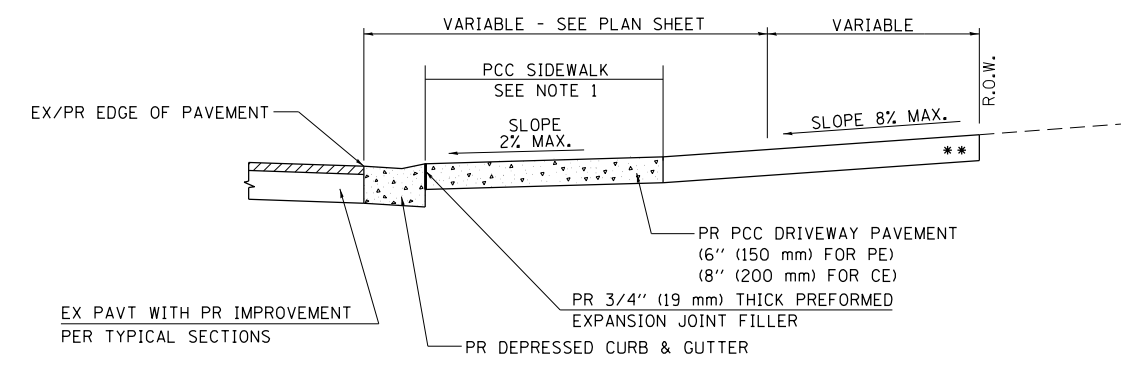
SECTION A - A



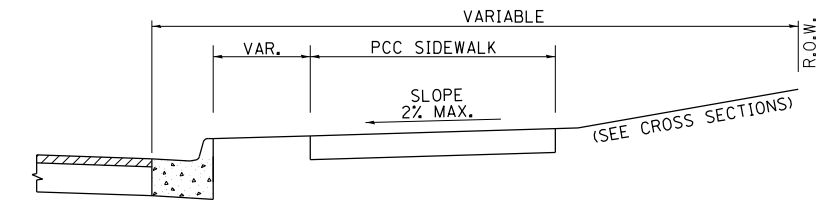
SECTION B - B

- NOTES:
- SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.
 - THE COST OF FURNISHING AND INSTALLING THE 3/4" (19 mm) PREFORMED EXPANSION JOINT FILLER AND REINFORCEMENT BARS SHALL BE INCLUDED IN THE COST OF P.C.C. DRIVEWAY PAVEMENT.

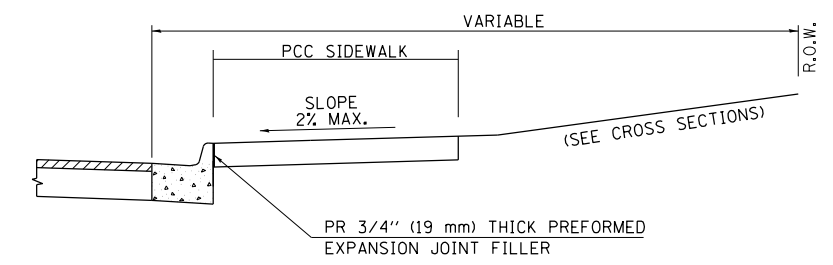
- ** MATCH IN KIND BEHIND SIDEWALK FOR EX EARTH OR AGGREGATE SURFACES :
- PR AGGREGATE BASE COURSE, TYPE B 6" (150 mm) - PE/FE
 - PR PCC DRIVEWAY PAVT. 8" (200 mm) - CE
- FOR EX HMA CONC. SURFACES :
- PR HMA CONCRETE 6" (150 mm) - PE
 - PR HMA CONCRETE 8" (200 mm) - CE
- FOR EX PCC SURFACES :
- PR PCC DRIVEWAY PAVT. 6" (150 mm) - PE
 - PR PCC DRIVEWAY PAVT. 8" (200 mm) - CE
- NOTE : IN AREAS WITH NO SIDEWALK, MATCH IN KIND BEHIND 15'-0" (5.0 m) FLARE



SECTION C - C



SECTION D - D



SECTION E - E

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ei:\pw\work\p\id\sparksgw\10373645\0672890-sht-details-entrances.dgn		DRAWN - TJD	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

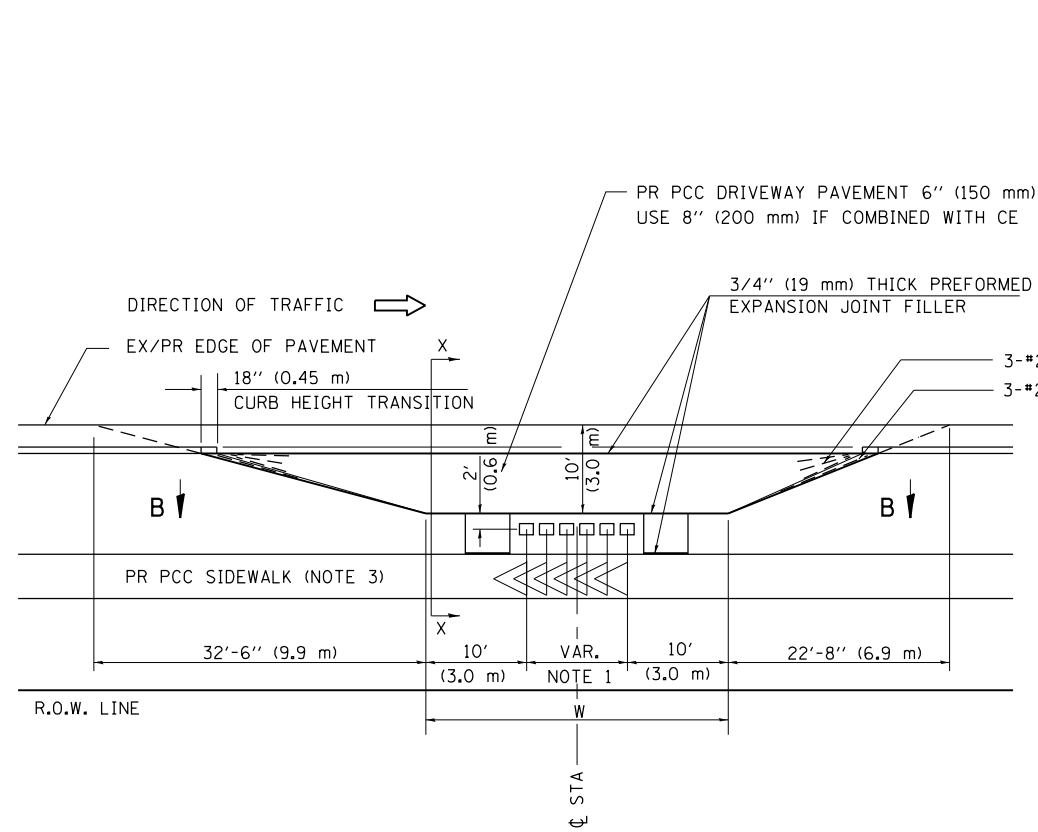
**SPECIAL DETAILS FOR ENTRANCE & MAILBOX
TURNOUT IN CURB & GUTTER SECTION**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

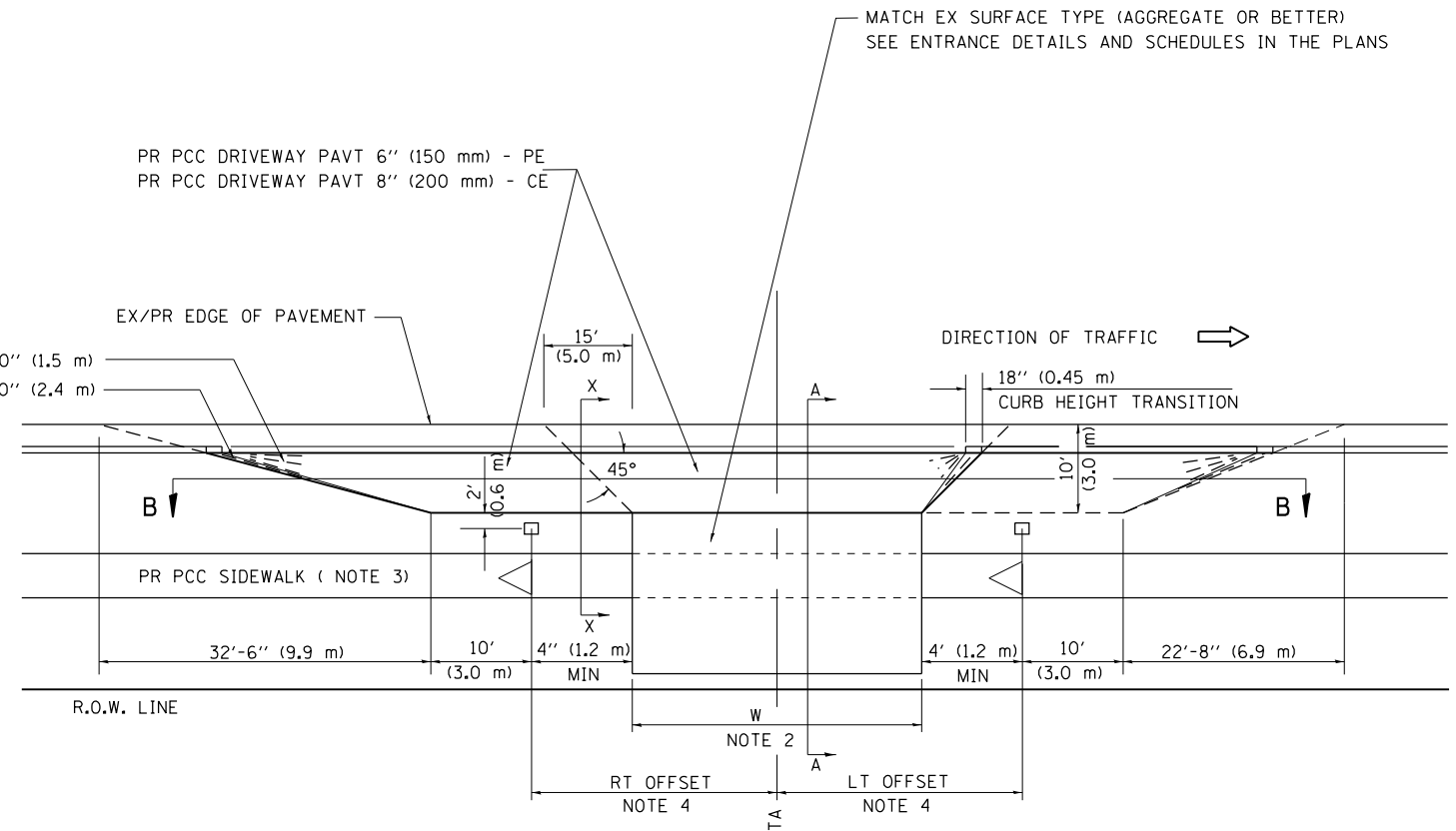
F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	437
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				

DETAILS OF MAILBOX TURNOUTS

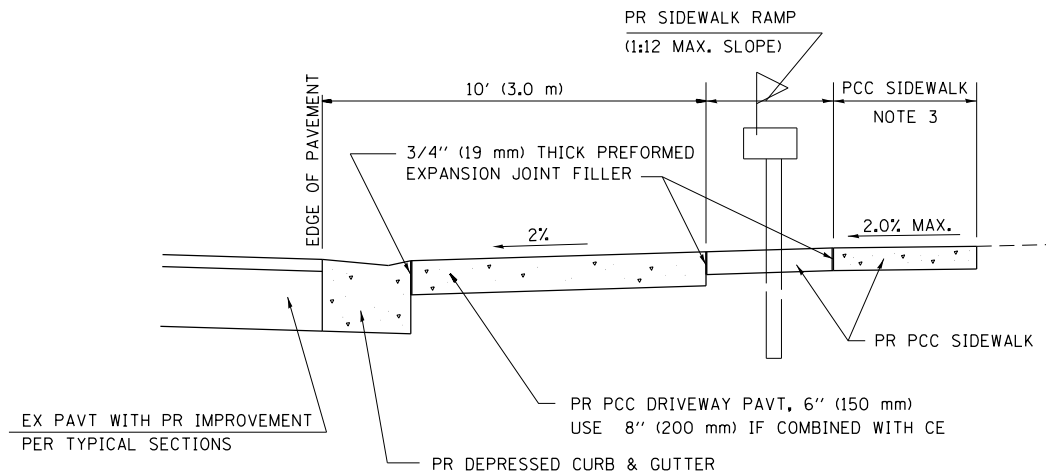
NOTE : ONLY REQUIRED FOR TWO-LANE AND THREE LANE SECTIONS OF ROADWAYS



PLAN - URBAN MULTIPLE MAILBOX TURNOUT



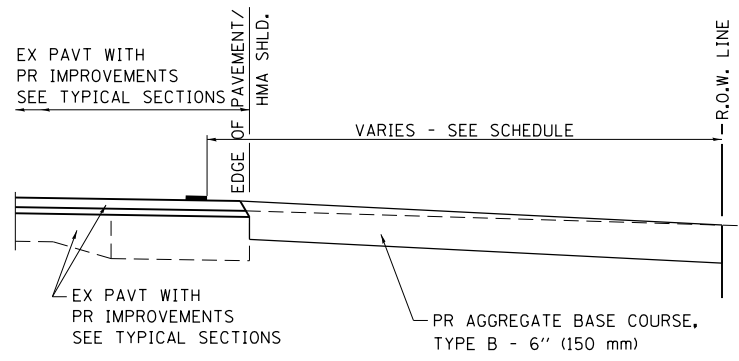
PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



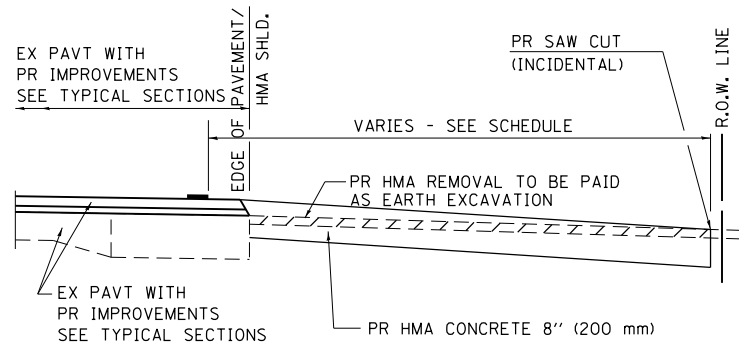
SECTION X-X THRU MAILBOX TURNOUT

- NOTE 1 DIMENSION = (NUMBER OF MAILBOX - 1) TIMES 2' (0.6 m)
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 SEE PLAN LAYOUT SHEET FOR SIDEWALK LOCATION.
- NOTE 4 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

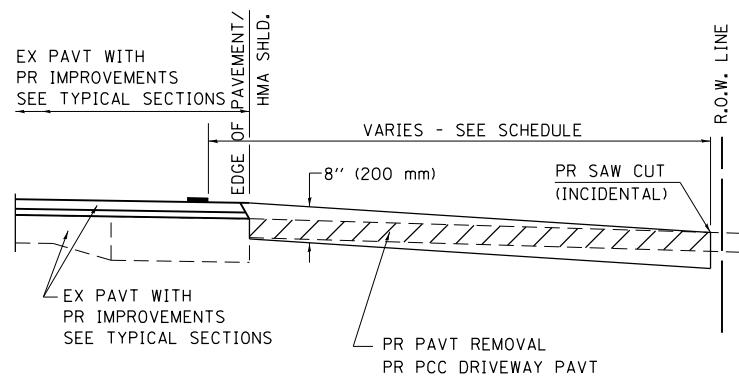
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPECIAL DETAILS FOR ENTRANCE & MAILBOX TURNOUT IN CURB & GUTTER SECTION	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 40.000' / in.		CHECKED - AWM	REVISED -			CONTRACT NO. 72890					
PLOT DATE = Feb-04-2014 01:49:32PM		DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT					



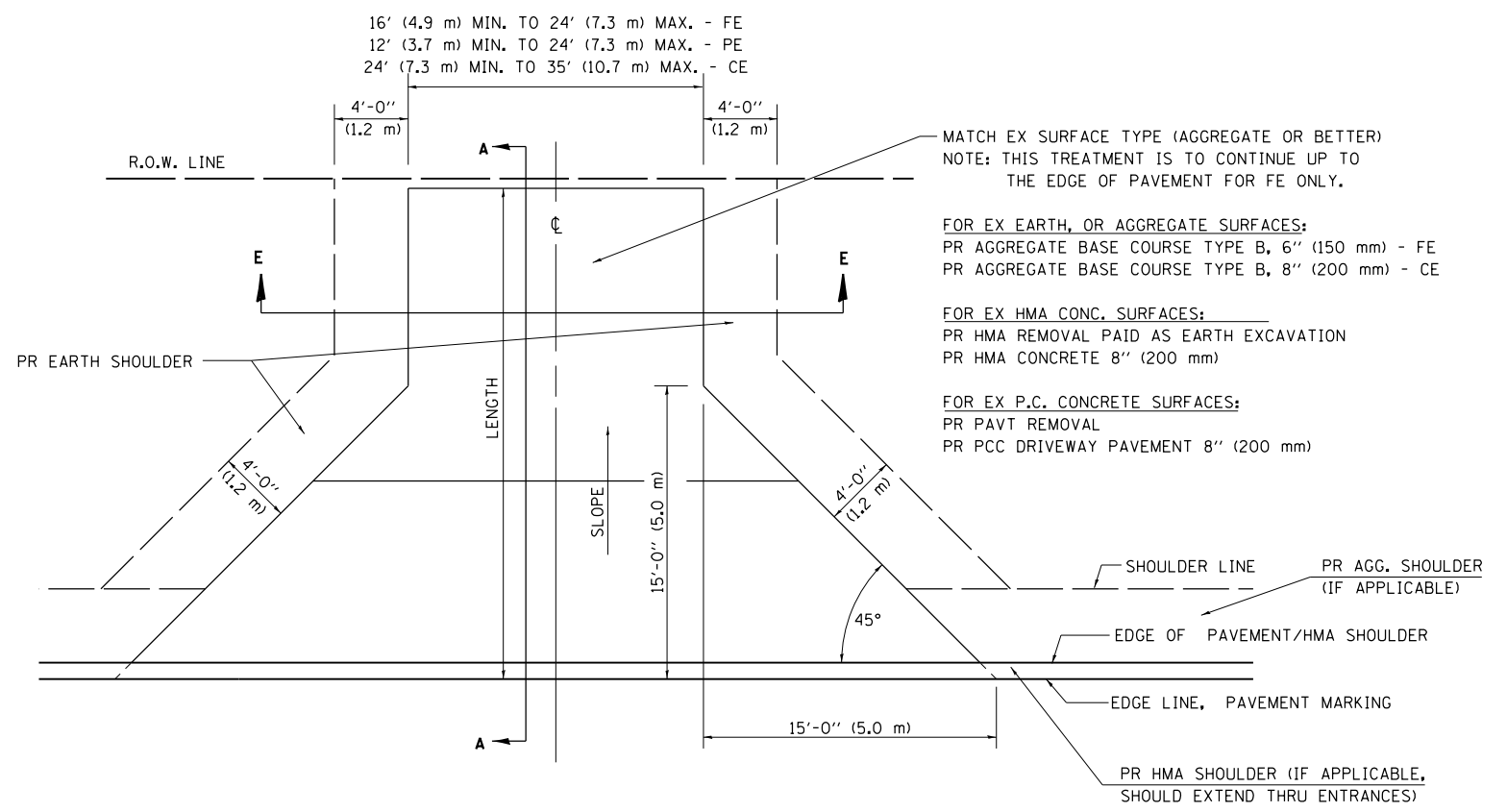
SECTION A-A FOR EX EARTH/AGGREGATE FE



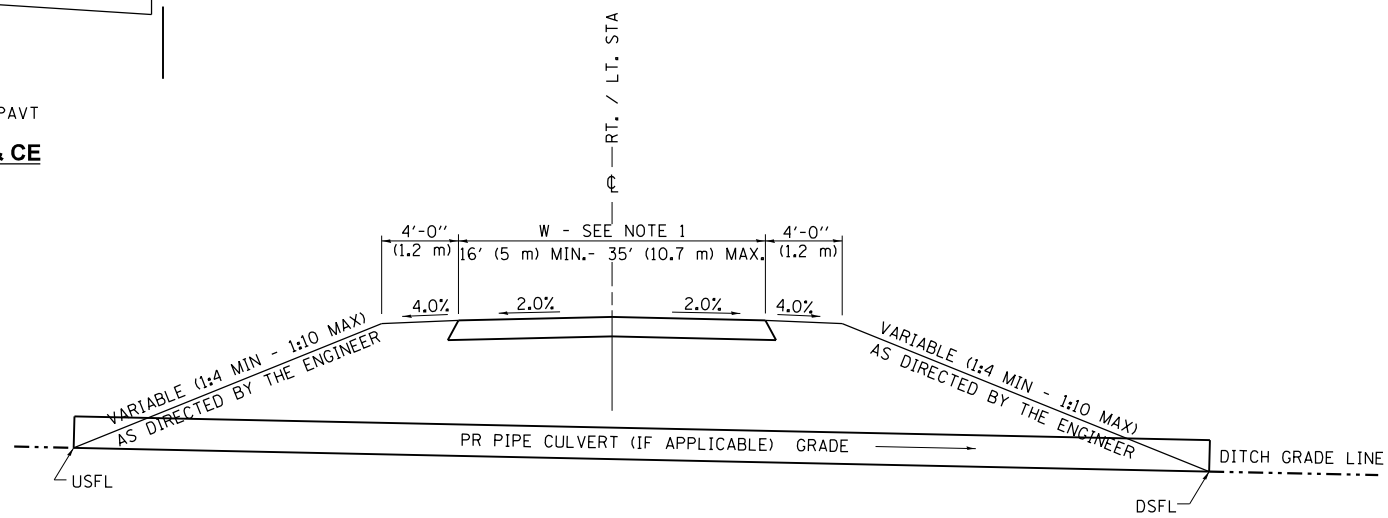
SECTION A-A FOR EX HMA FE & CE



SECTION A-A FOR EX P.C. CONC. FE & CE



PLAN - WITHOUT SIDEWALK



SECTION E - E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

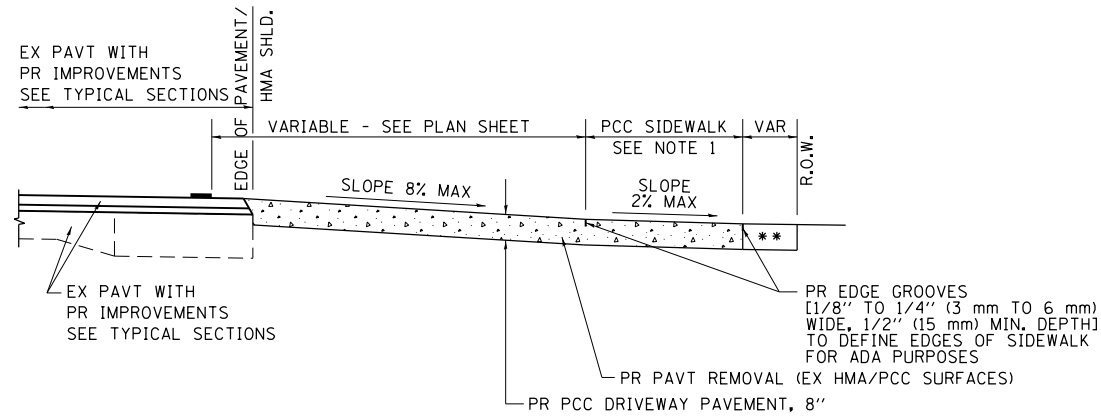
HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES (75 mm) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES (50 mm) SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\pwork\pwork\pwork\sparksgw\0373645\0672890-sht-details-entrances.dgn	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPECIAL DETAILS FOR RURAL /URBAN ENTRANCE & MAILBOX TURNOUT W/O CONC GUTTER & W/O SIDEWALK	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 48.000' / in.	CHECKED - AWM	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	439
No.CG	PLOT DATE = Feb-04-2014 01:49:32PM	DATE - 12/04/2013	REVISED -	SCALE:	SHEET 1 OF 3 SHEETS	STA.	TO STA.	CONTRACT NO. 72890		
ILLINOIS FED. AID PROJECT										



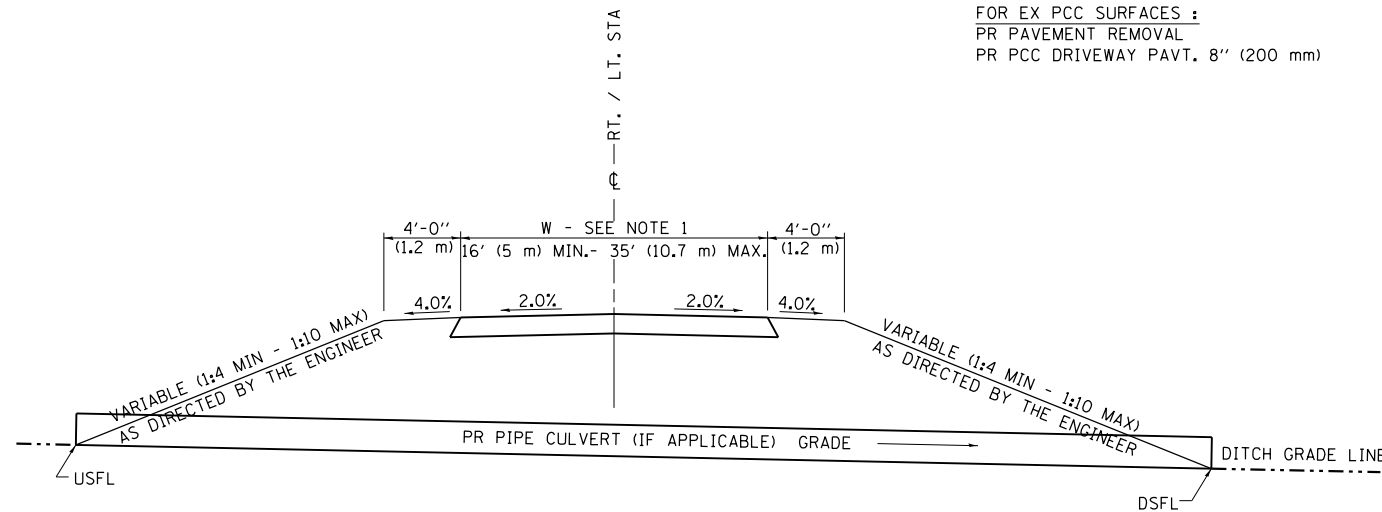
SECTION B - B

NOTES:
1. SEE PLAN SHEET / ENTRANCE PROFILE FOR LOCATION OF SIDEWALK.

** MATCH IN KIND BEHIND SIDEWALK
FOR EX EARTH OR AGGREGATE SURFACES :
PR AGGREGATE BASE COURSE, TYPE B 6" (150 mm) - FE
PR PCC DRIVEWAY PAVT, 8" (200 mm) - CE

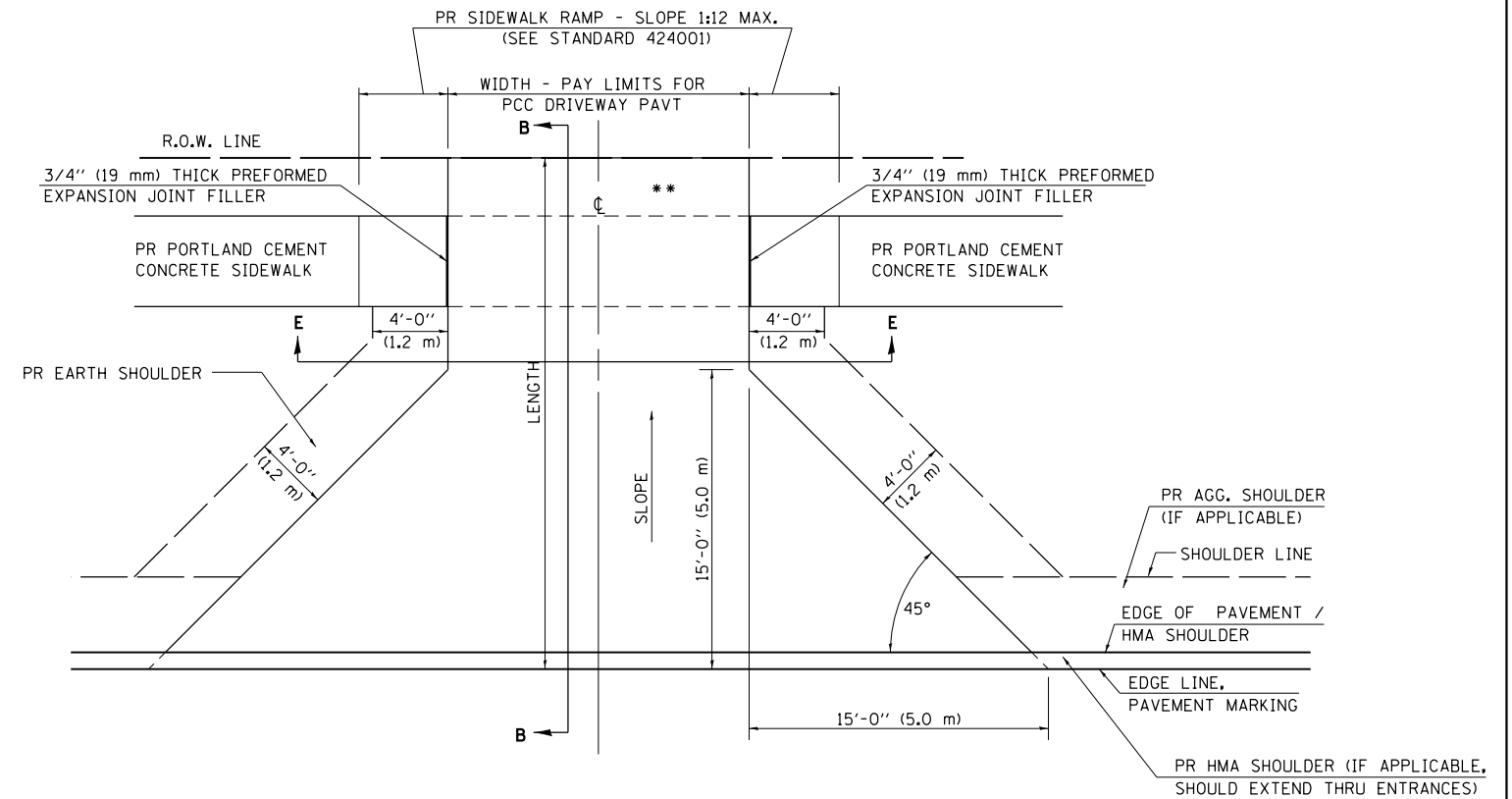
FOR EX HMA CONC. SURFACES :
PR HMA SURFACE REMOVAL - BUTT JOINT
PR INCIDENTAL HMA SURFACING 8" (200 mm)

FOR EX PCC SURFACES :
PR PAVEMENT REMOVAL
PR PCC DRIVEWAY PAVT, 8" (200 mm)



SECTION E - E ENTRANCE TYPICAL SECTION

NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.



PLAN - WITH SIDEWALK

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

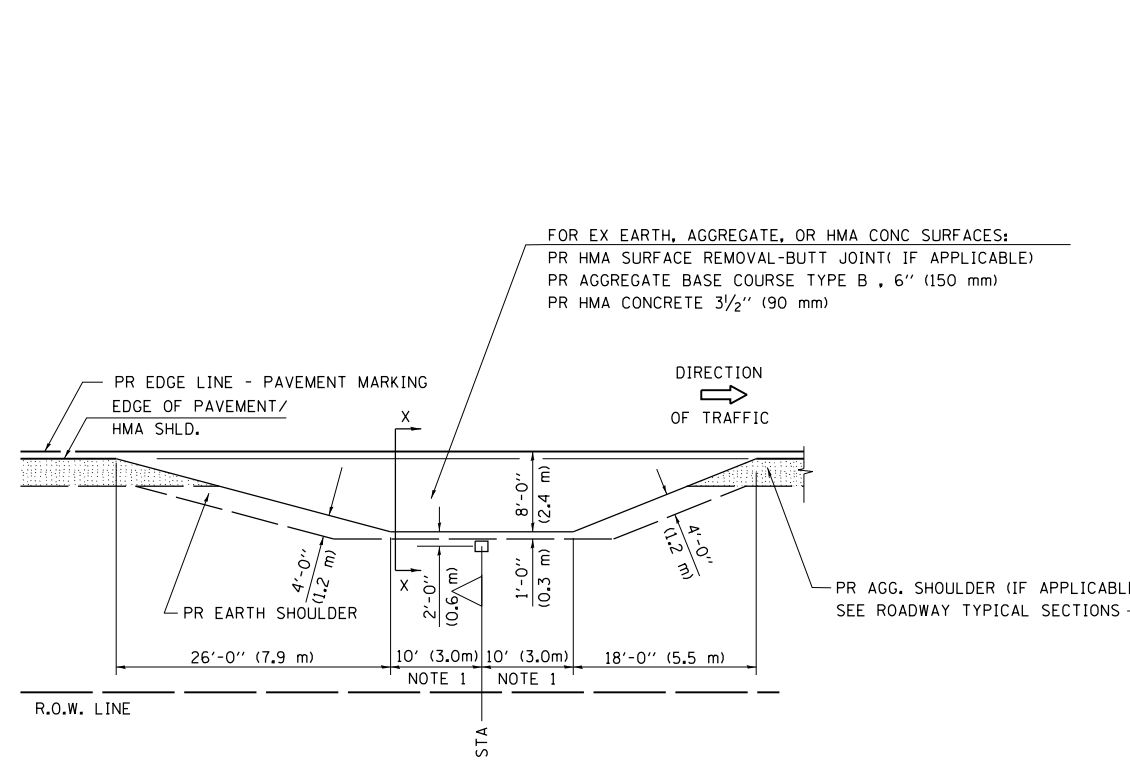
WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES (75 mm) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES (50 mm) SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

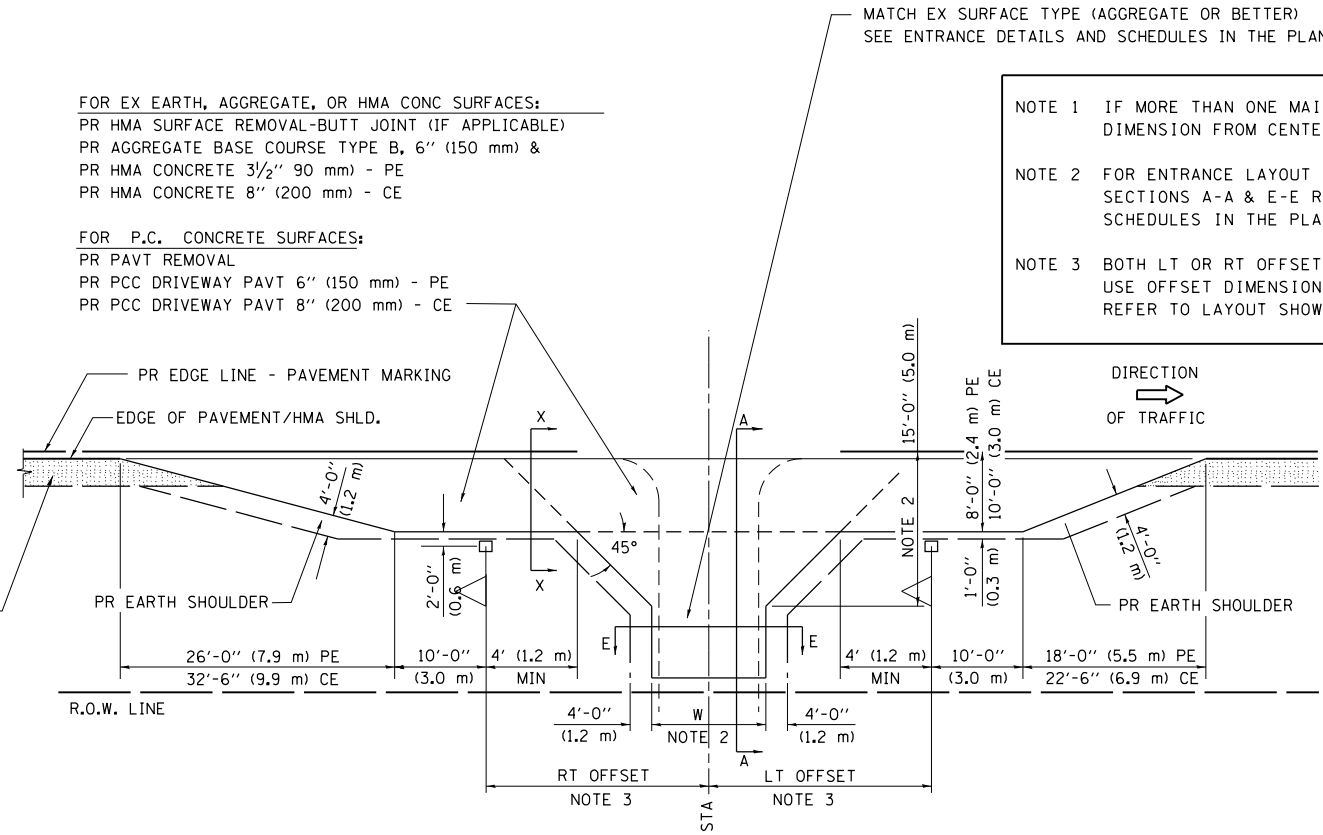
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\pwwork\pwwork\sparksgw\10373645\0672890-sht-details-entrances.dgn	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPECIAL DETAILS FOR RURAL /URBAN ENTRANCE & MAILBOX TURNOUT W/O CONC GUTTER & W/SIDEWALK	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
No.CG	PLOT DATE = Feb-04-2014 01:49:32PM	DRAWN - TJD	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	440	
		CHECKED - AWM	REVISED -			CONTRACT NO. 72890					
		DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT					

DETAILS OF MAILBOX TURNOUTS



PLAN - MAILBOX TURNOUTS

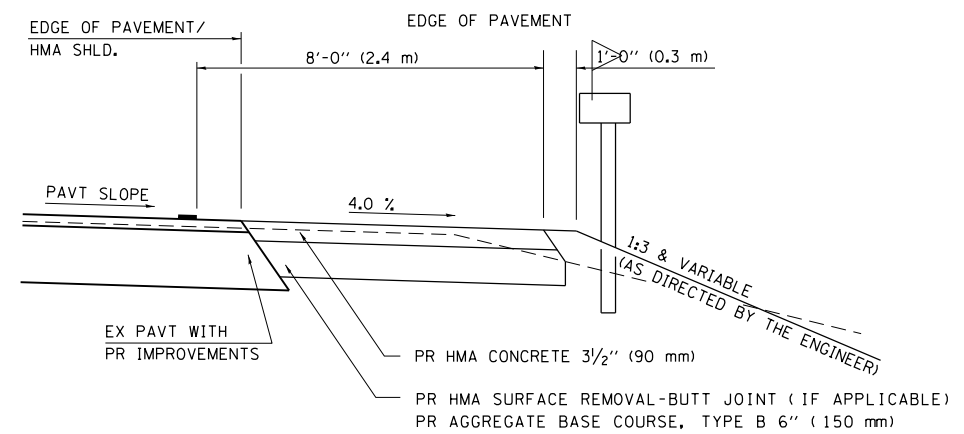


PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE

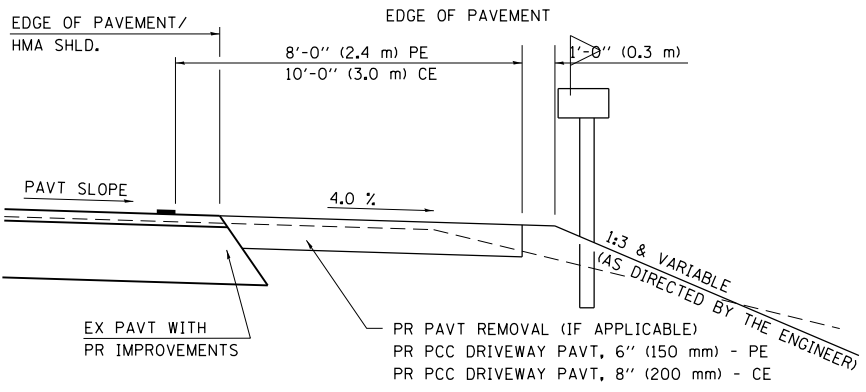
NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.

NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.

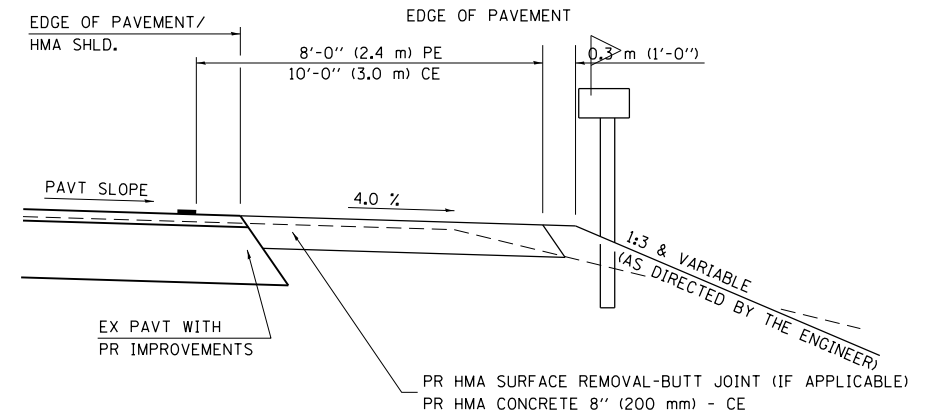
NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.



SECTION X-X THRU MAILBOX TURNOUT ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH EX EARTH, AGGREGATE, OR HMA PE & FE

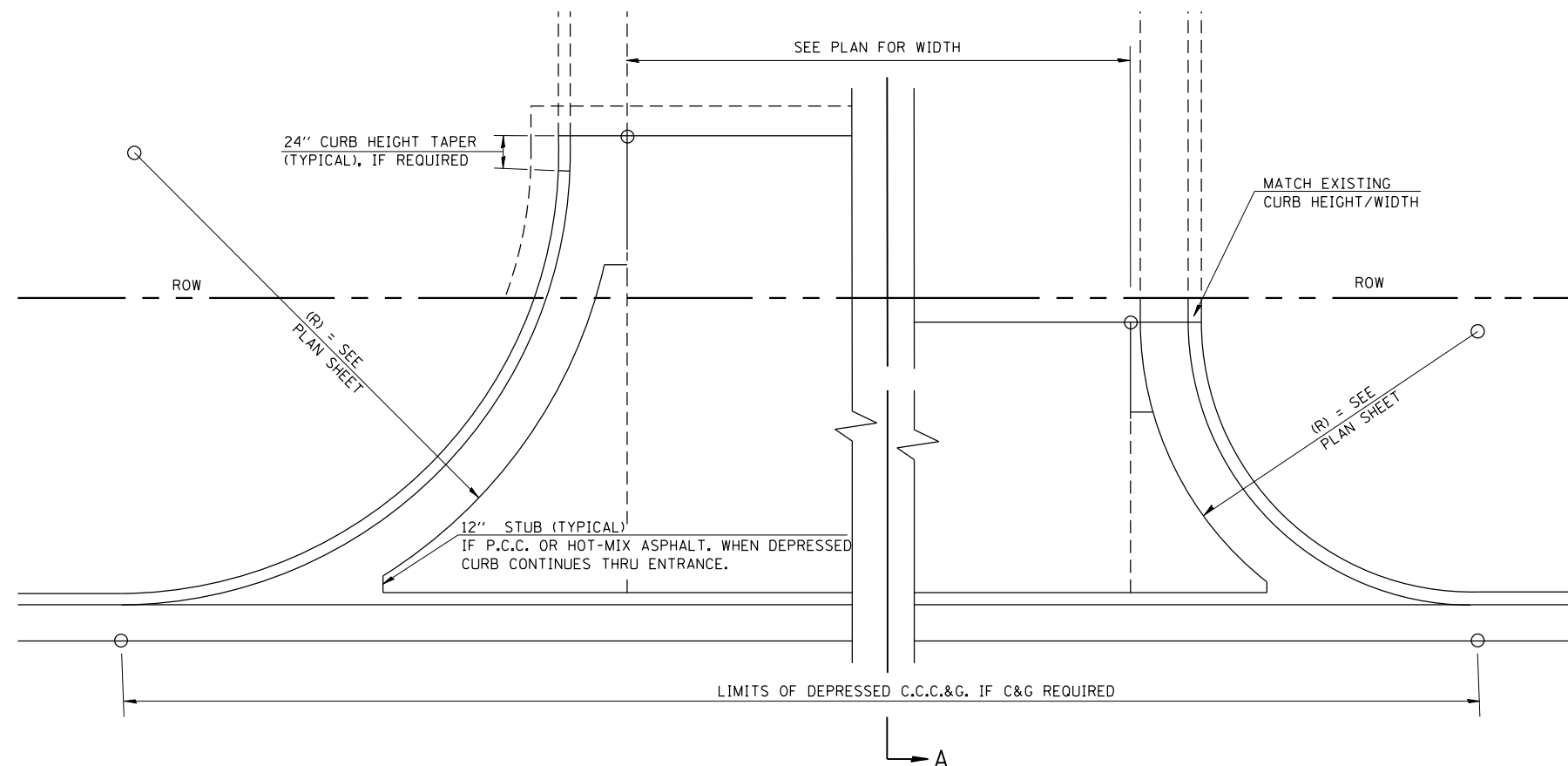


SECTION X-X THRU MAILBOX TURNOUT COMBINED WITH EX CONC PE OR CE



SECTION X-X THRU MAILBOX TURNOUT COMBINED WITH EX EARTH, AGGREGATE, OR HMA CE

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SPECIAL DETAILS FOR RURAL /URBAN ENTRANCE & MAILBOX TURNOUT W/O CONC GUTTER	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\p\idot\sparksgw\10373645\0672890-sht-details-entrances.dgn		DRAWN - TJD	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	441	
No.CG	PLOT SCALE = 40.000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890					
	PLOT DATE = Feb-04-2014 01:49:32PM	DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT					



PLAN

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

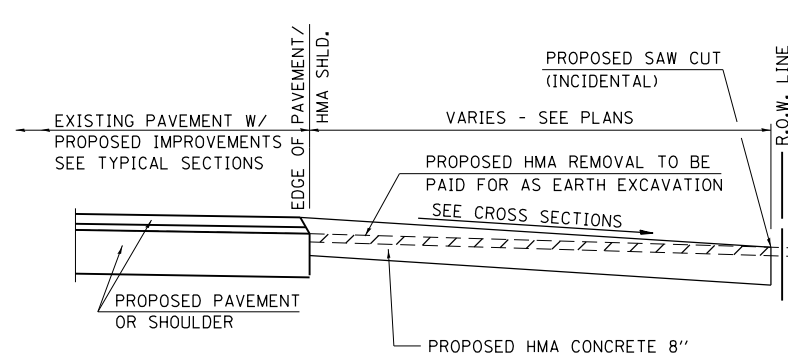
HMA CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE HMA CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF HMA BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF HMA CONCRETE SURFACE COURSE, SUPERPAVE.

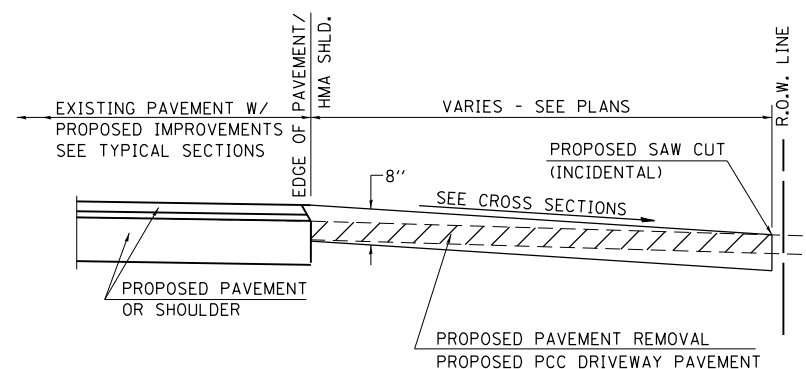
THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

C.C.C.&G. WILL BE MEASURED FOR PAVEMENT AS SPECIFIED IN ARTICLE 606.13 OF THE STANDARD SPECIFICATIONS

C.C.C.&G. CONSTRUCTION JOINTS WILL BE AS SHOWN ON STANDARD 606001.

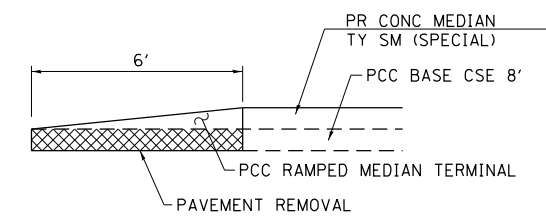
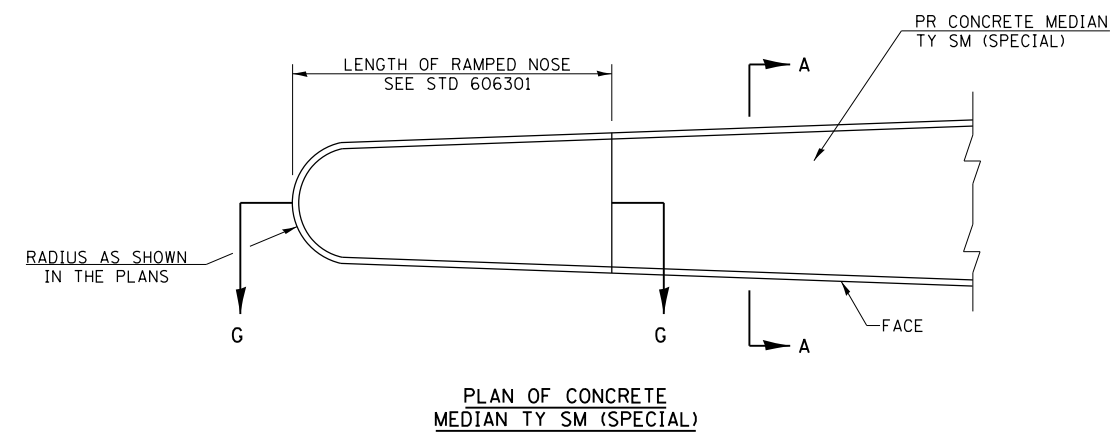
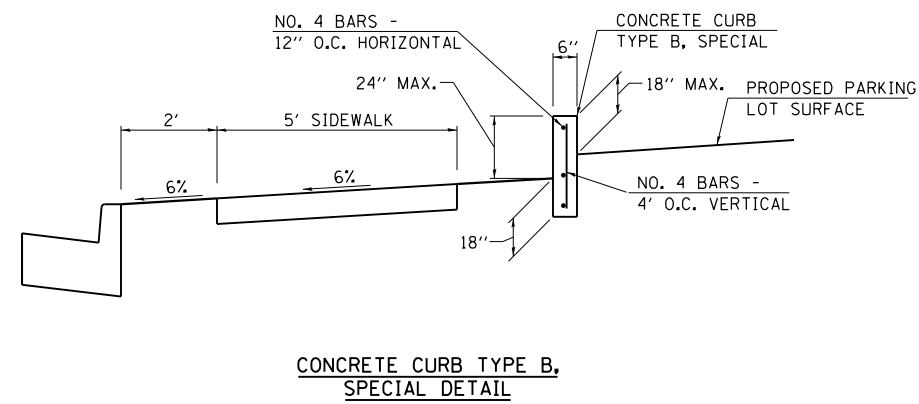
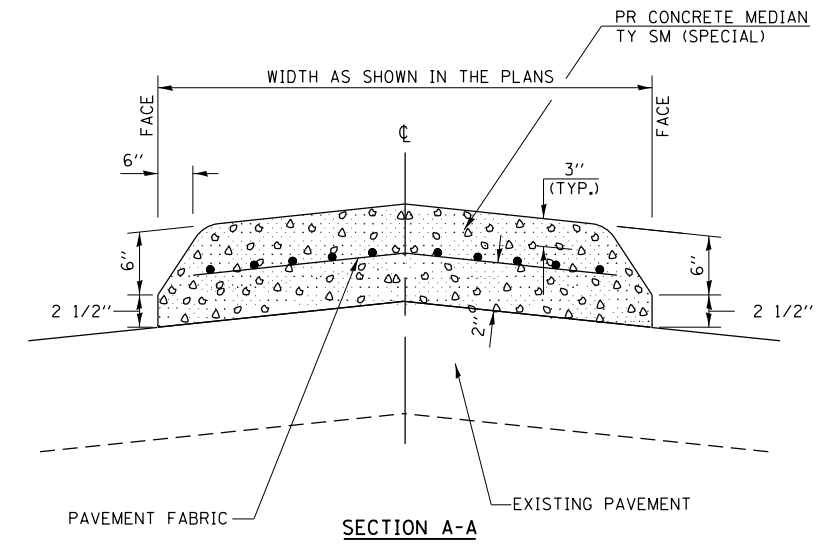


SECTION A-A FOR EX HMA FE & CE



SECTION A-A FOR EX P.C. CONC. FE & CE

FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL ENTRANCES WITH CURBED RADII			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = Feb-04-2014 01:49:34PM	DATE - 12/04/2013	REVISED -		STA. TO STA.			ILLINOIS FED. AID PROJECT				



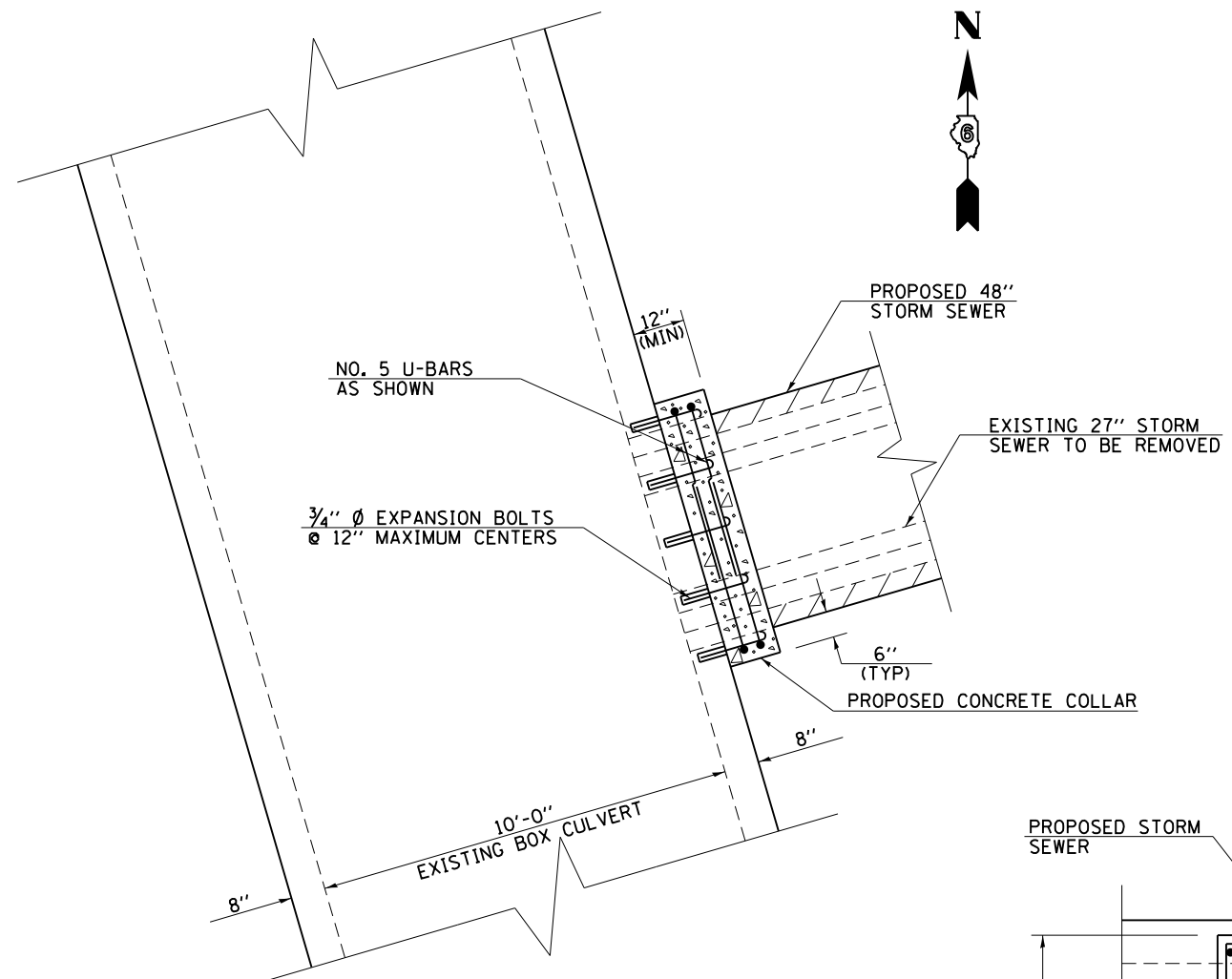
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

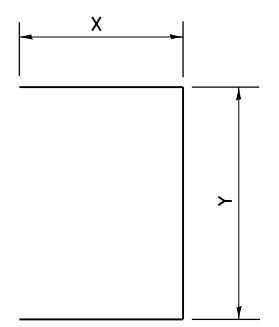
SPECIAL DETAILS FOR CONCRETE MEDIAN, TY SM (SPECIAL)
& CONCRETE CURB, TYPE B (SPECIAL)

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	443
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



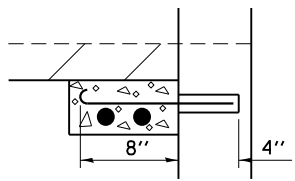
PLAN VIEW



U-BARS



A-BARS



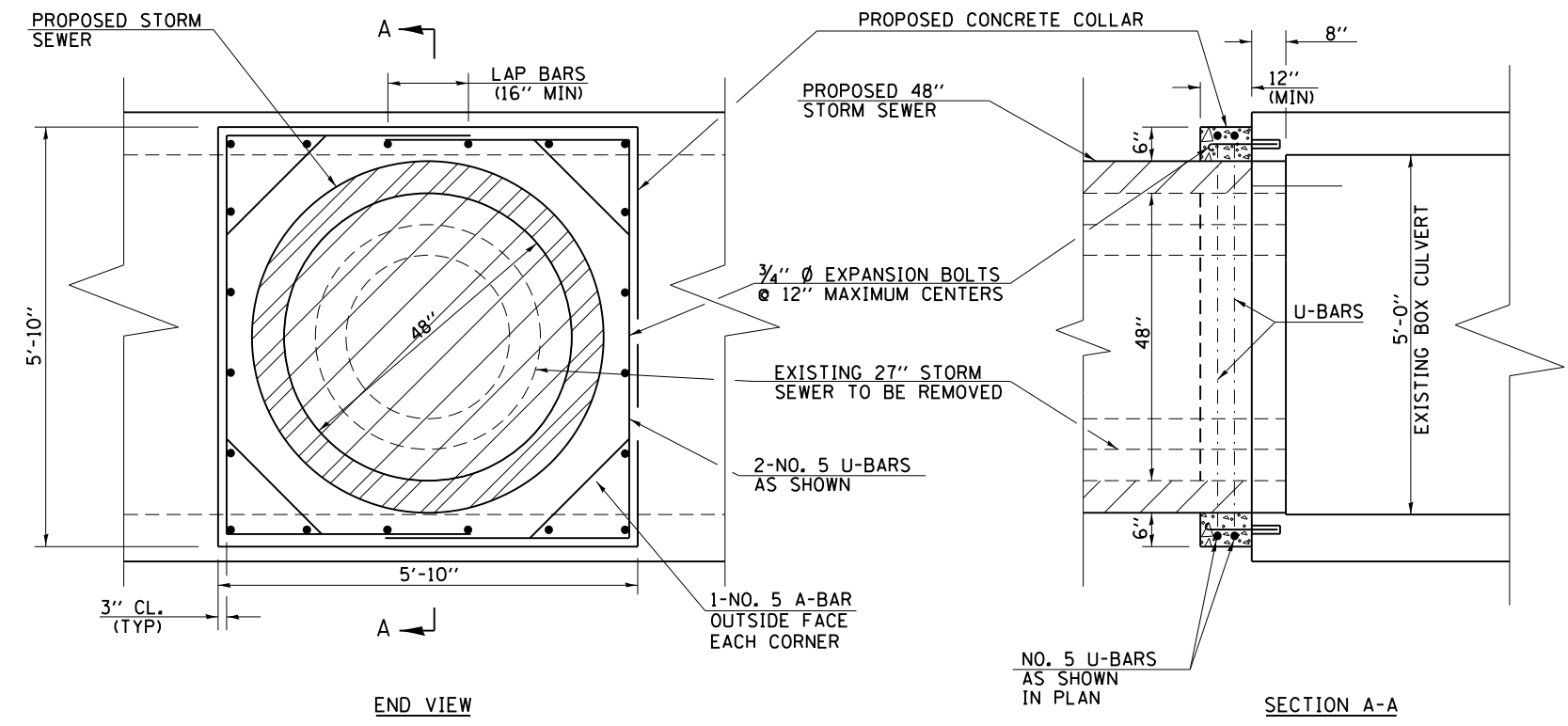
EXPANSION BOLT DETAIL

GENERAL NOTES

THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.

EXPANSION BOLTS SHALL CONSIST OF SELF DRILLING APPROVED EXPANSION ANCHORS AND 3/4" HOOKED BOLTS, PROVIDING MINIMUM CERTIFIED PROOF LOAD = 4 KIPS

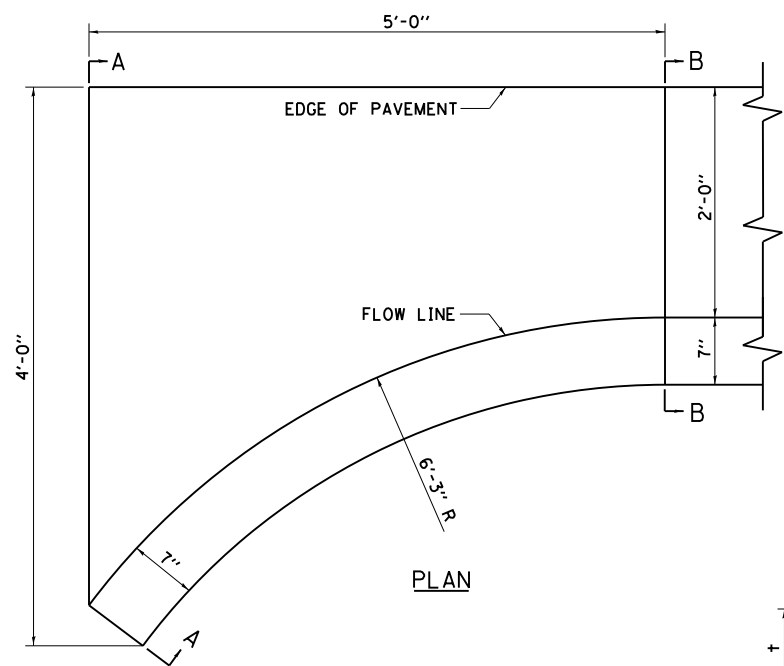
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR EXPANSION BOLTS 3/4"x12", CUBIC YARD FOR CONCRETE COLLAR, AND POUND FOR REINFORCEMENT BARS.



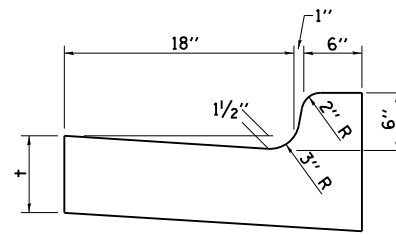
END VIEW

SECTION A-A

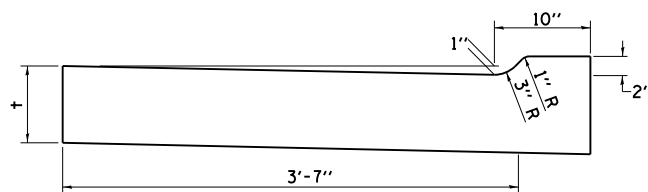
LOCATION	PROPOSED STORM SEWER SIZE	PIPE AREA	EXTENSION COLLAR		A-BAR		U-BAR			QUANTITIES ARE FOR ONE COLLAR		
			WIDTH	HEIGHT	NO.	Z	NO.	X	Y	CONCRETE COLLAR	REINFORCEMENT BARS	EXPANSION BOLTS 3/4"x12"
	DIA IN	SO FT	FT-IN	FT-IN		FT-IN		FT-IN	FT-IN	CU YD	LB	EACH
STA 28+67.20, 48.63' LT	48	18.35	5'-10"	5'-10"	4	1'-6"	4	3'-4"	5'-4"	0.60	57	20



PLAN



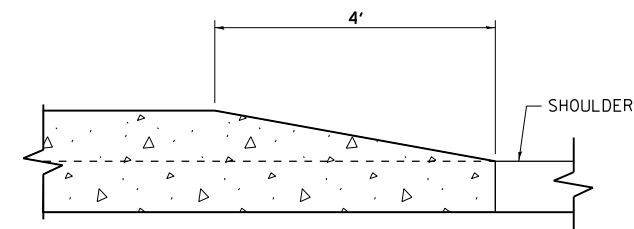
SECTION B-B



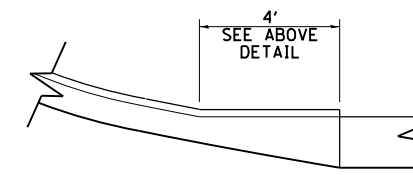
SECTION A-A

NOTE: COMBINATION CURB AND GUTTER TAPERS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE TYPE B-6.18 COMBINATION CURB AND GUTTER

DETAIL OF TAPER FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 AT OGDEN & COCKRELL INTERSECTION



DETAIL OF CURB HEIGHT TRANSITION



PLAN VIEW

CURB TRANSITION DETAIL

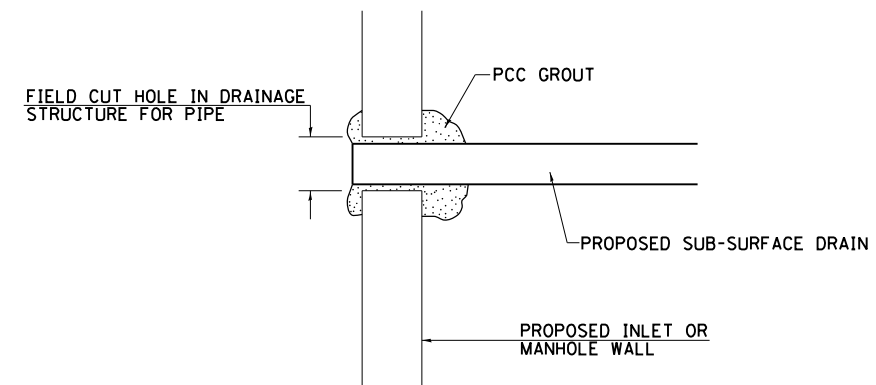
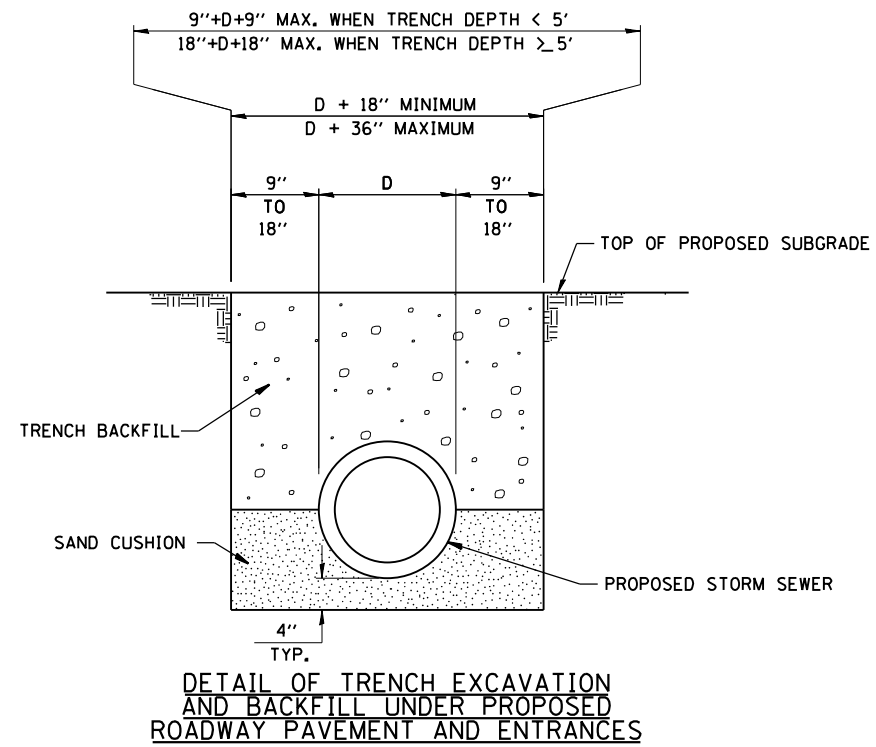
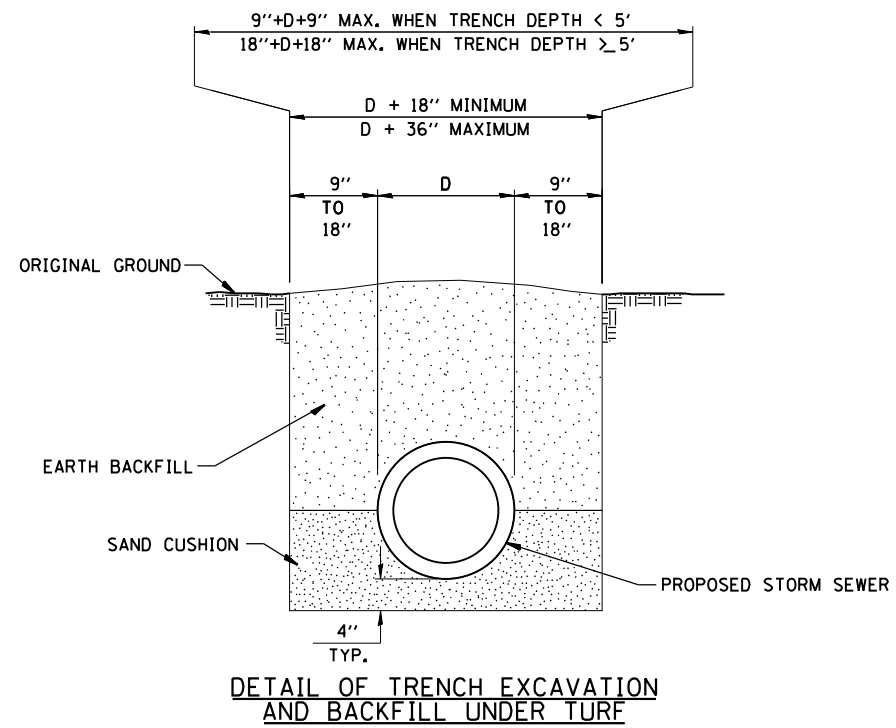
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	PLOT DATE = Feb-04-2014 01:49:39PM	DATE - 12/04/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB & GUTTER DETAILS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	445
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	



NOTE: ALL ITEMS REQUIRED FOR CONNECTING SUB-SURFACE DRAINS TO PROPOSED DRAINAGE STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF CONSTRUCTION THE PROPOSED DRAINAGE STRUCTURE.

DETAIL OF CONNECTING SUB-SURFACE DRAINS TO PROPOSED DRAINAGE STRUCTURES

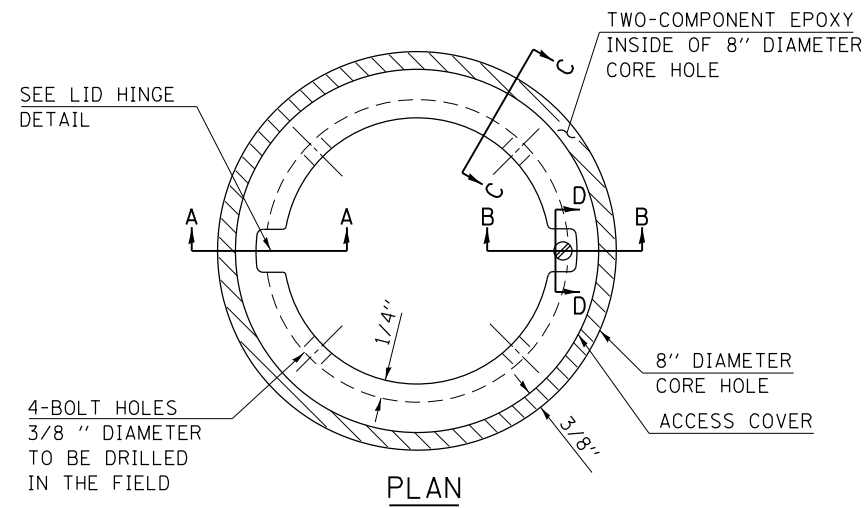
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Default	PLOT SCALE = 2.0000' / in.	CHECKED - AWM	REVISED -
	PLOT DATE = Feb-04-2014 01:49:41PM	DATE - 12/04/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPECIAL DETAILS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

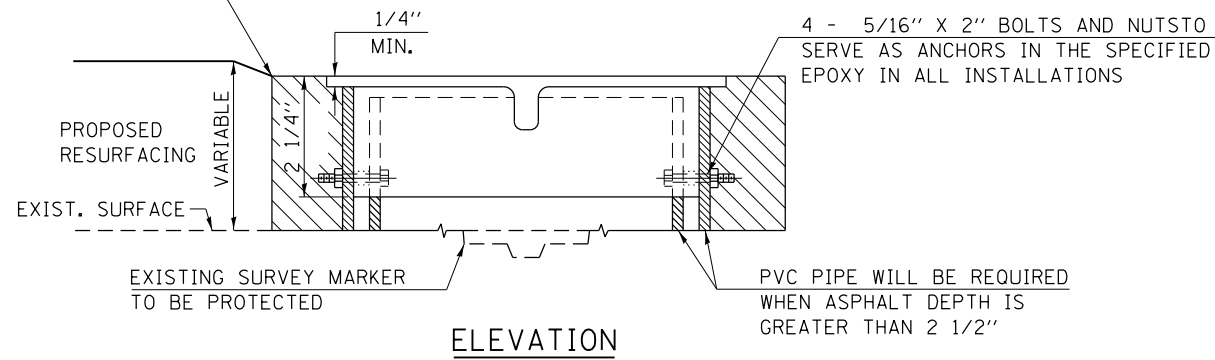
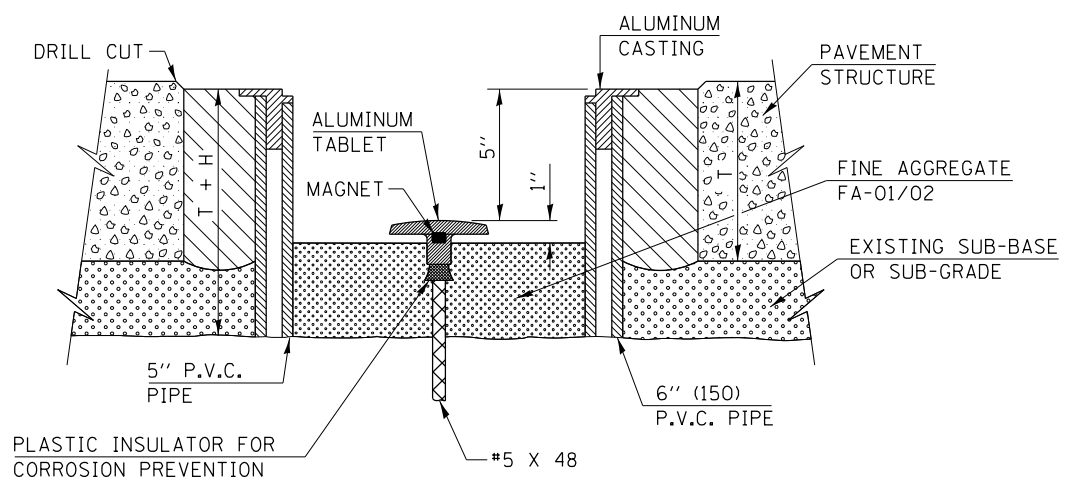
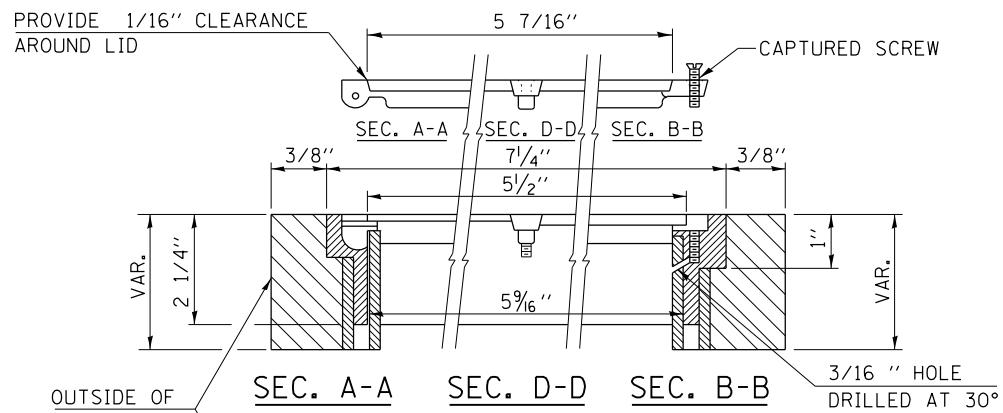
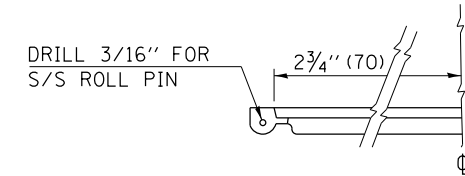
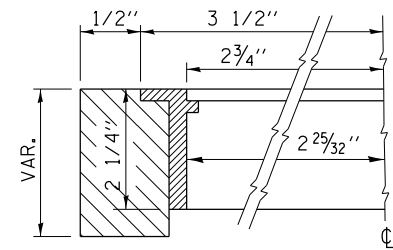
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	446
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ALUMINUM CASTING
 - 5" OR 6" P.V.C. PIPE
 - TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1"

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" BOLTS WITH NUTS, EPOXY, 5" OR 6" DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).



EXISTING SURVEY MARKER

PROPOSED SURVEY MARKER

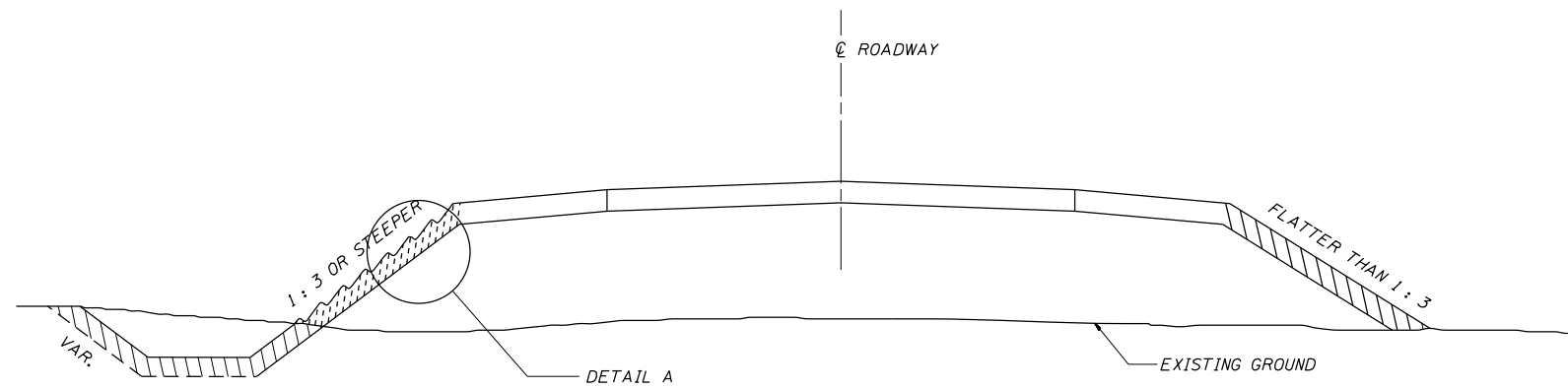
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		CHECKED - AWM	REVISED -
		DATE - 12/04/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SPECIAL DETAILS
SURVEY MARKER VAULT**

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	447
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 72890	

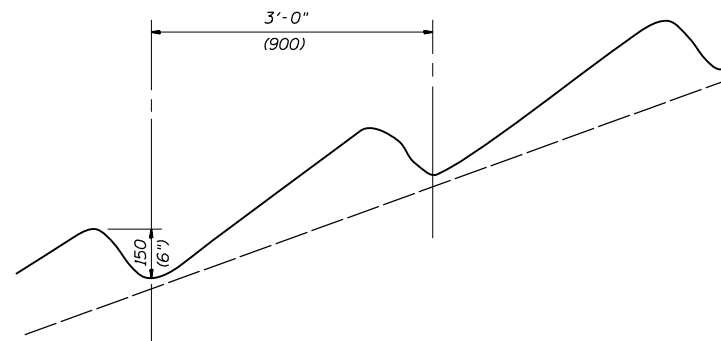


SEEDING DETAIL

NOTES:

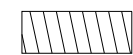
AREAS WHERE THE SLOPE HEIGHTS EXCEED 5' (1.5 m) IN DEPTH AND THE SLOPES ARE 1 : 3 OR STEEPER, THE SLOPES SHALL BE PLOWED WITH 6" (150 mm) DEEP TRENCHES APPROXIMATELY 3' (900 mm) ON CENTER PARALLEL TO THE CONTOUR LINES OF THE CUT OR FILL AND SEEDED WITH CLASS 2 AND 4 MIXTURE. MULCH IN THESE AREAS SHALL BE DONE IN ACCORDANCE WITH METHOD 1.

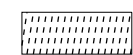
ALL OTHER AREAS DISTURBED WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION LIMITS SHALL BE SEEDED WITH CLASS 2 AND 4 SEEDING AND MULCH IN ACCORDANCE WITH METHOD 2, PROCEDURE 2 AS SPECIFIED IN ARTICLE 251.03(b) OF THE STANDARD SPECIFICATIONS.



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

LEGEND

 CLASS 2 AND 4 SEEDING
MULCH METHOD 2 (SEE NOTES)

 CLASS 2 AND 4 SEEDING
MULCH METHOD 1 (SEE NOTES)

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwork\work\pwork\sparksgw\0373645\0672890-sht-district.details.dgn		DRAWN -	REVISED -
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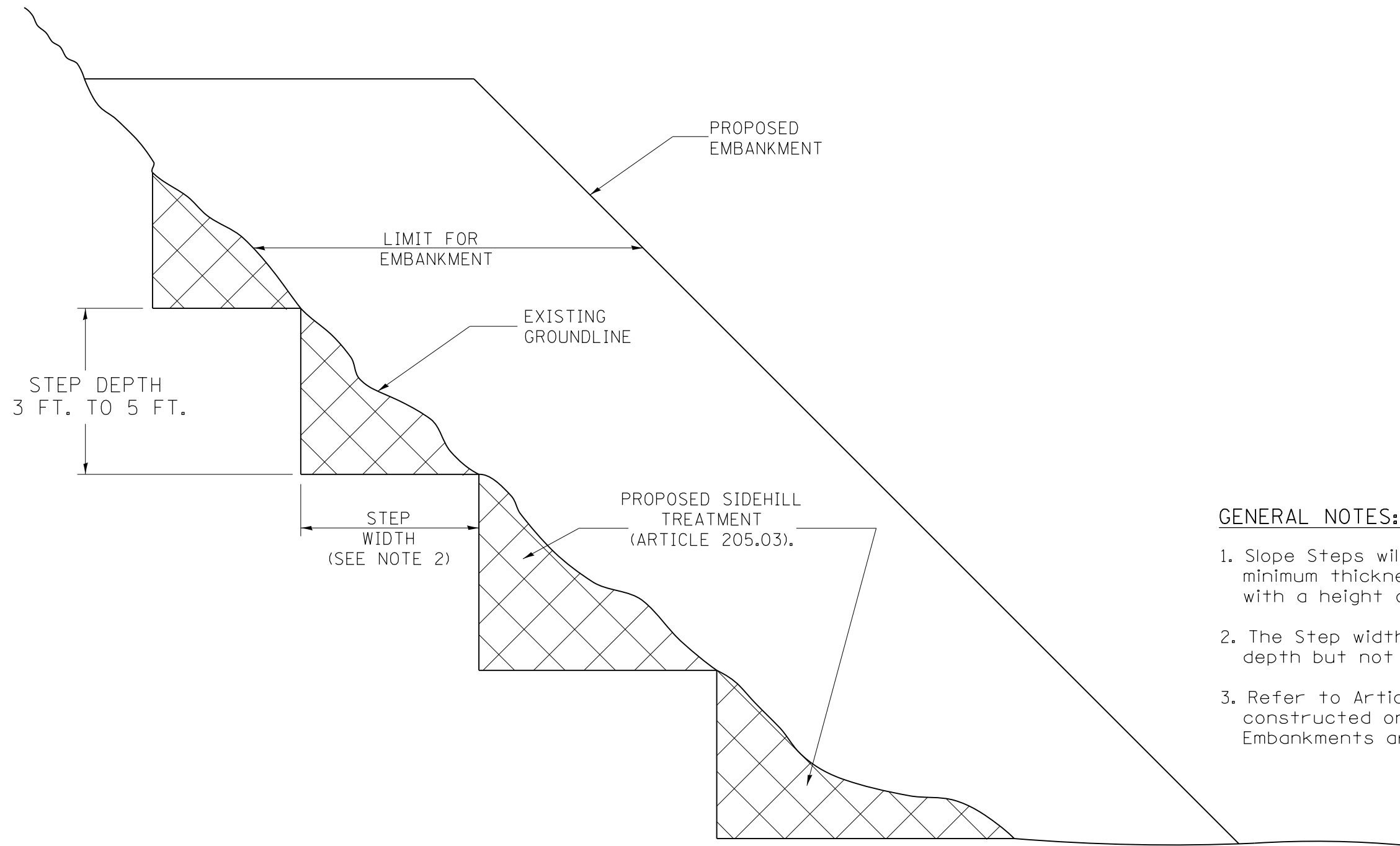
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SEEDING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	448
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	

SLOPE STEPS DETAIL
 TYPICAL CROSS-SECTION EMBANKMENT
 CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 12 (300) minimum thickness "silver fills" and on a fills with a height of 10' (3.0 m).
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

REPLACEMENT MATERIAL:



STANDARD EMBANKMENT
 (IN ACCORDANCE WITH
 205 OF THE STANDARD SPECIFICATION).

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

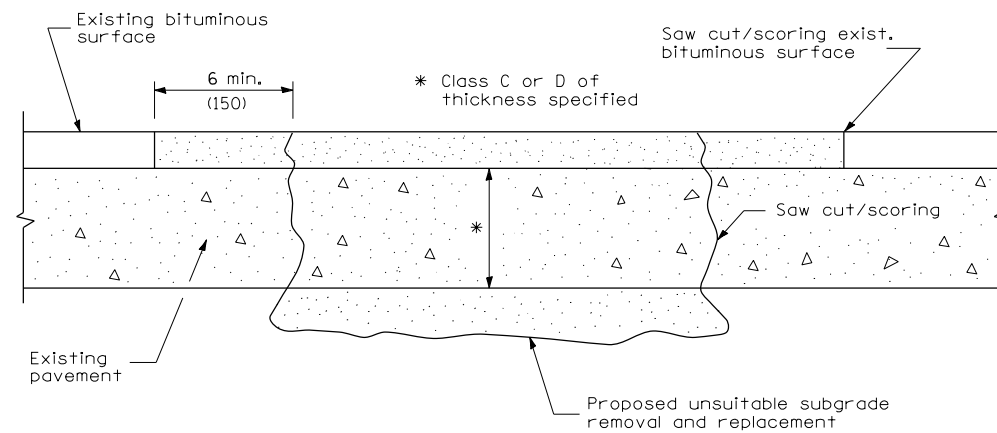
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SLOPE STEPS DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	449
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



SEQUENCE OF CONSTRUCTION

1. Remove the existing bituminous surface.
2. Remove and replace full depth patches.
3. Replace bituminous surface.

PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT

GENERAL NOTES

1. The width of the full depth patch over a trench shall be 12 (300) wider on each side of the trench.
2. For basis of payment see Special Provision "Bituminous Surface Removal over Patches".

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

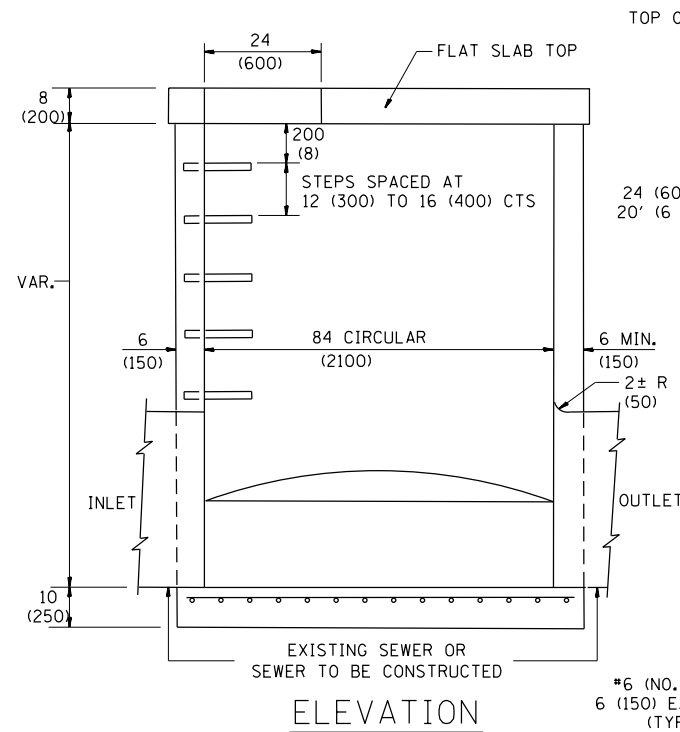
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

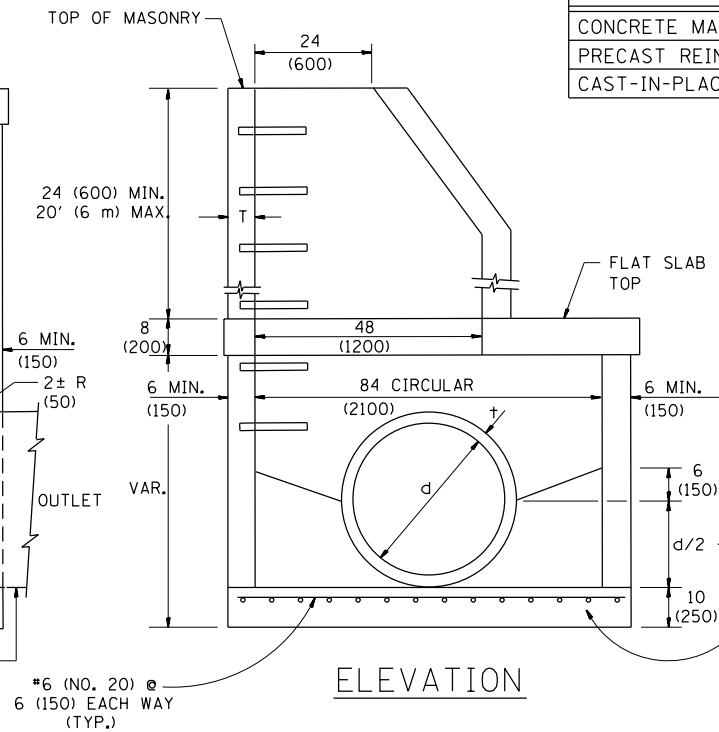
DISTRICT 6 DETAILS FOR PAVEMENT PATCHING FOR BITUMINOUS SURFACED PAVEMENT			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	450
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72890	

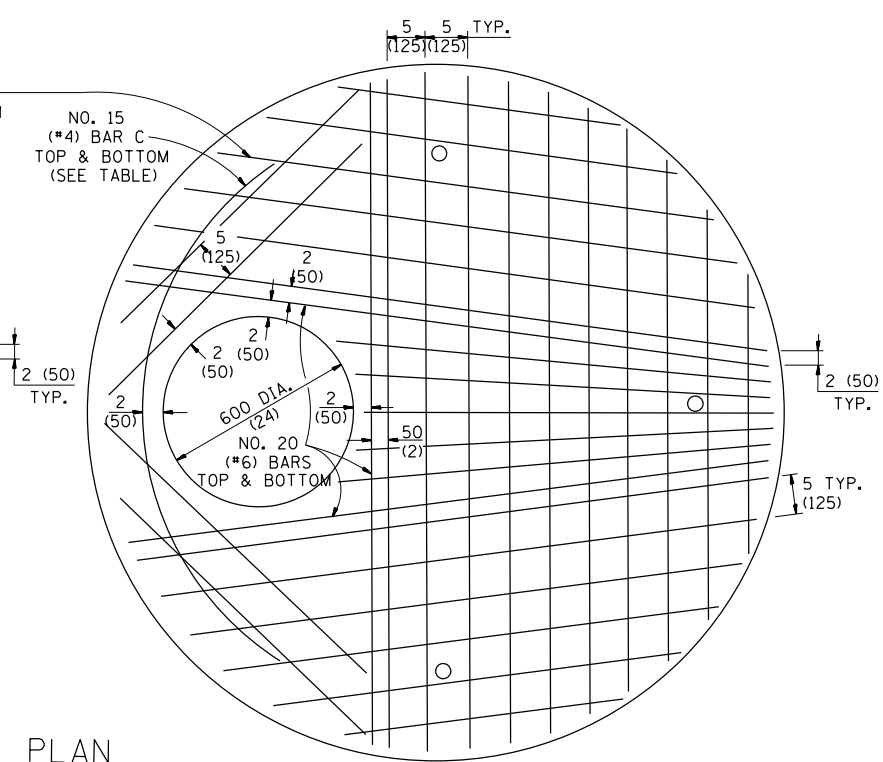
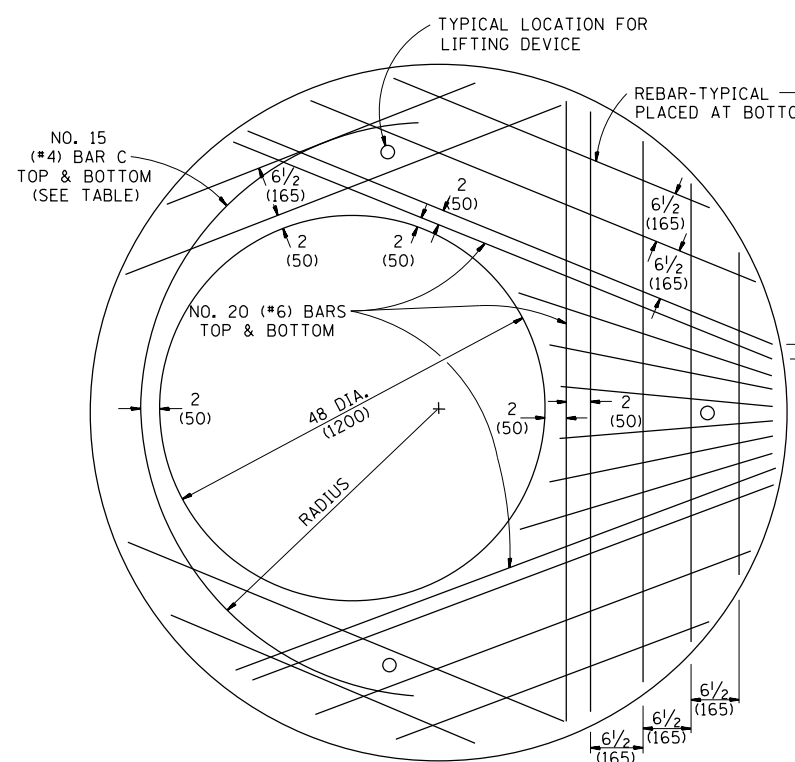
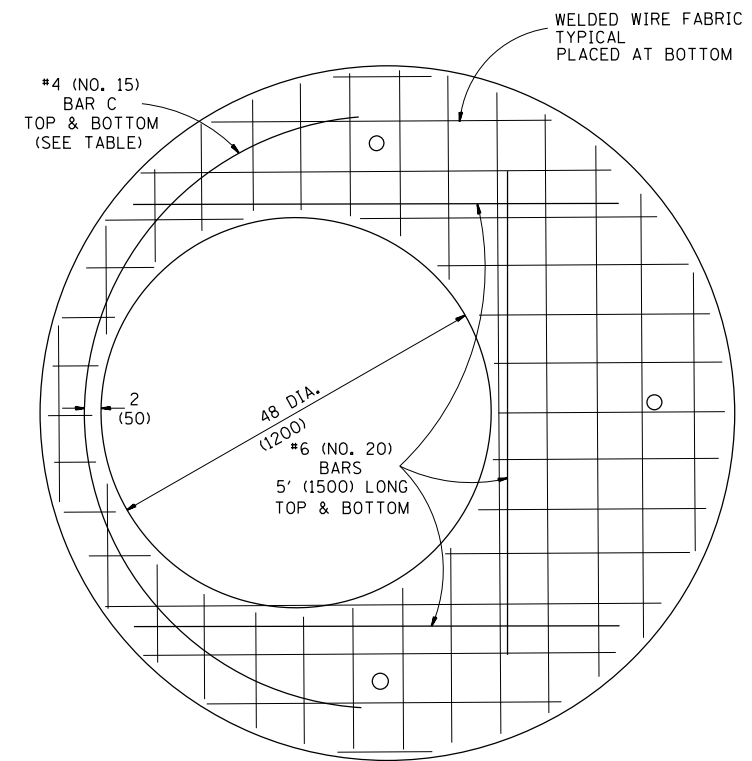
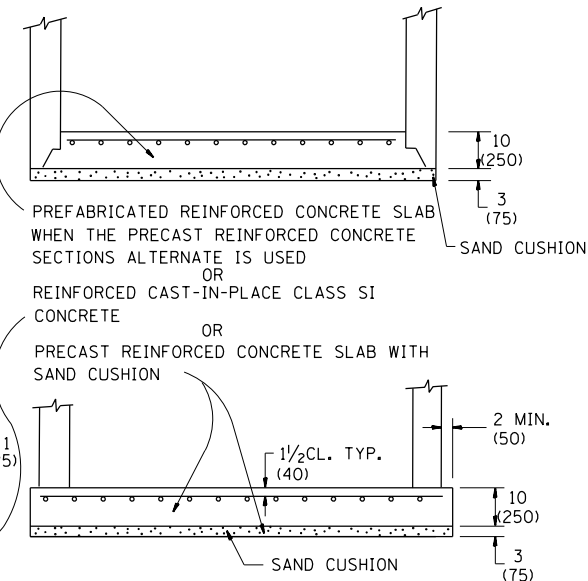
ALTERNATE MATERIALS FOR RISERS	T (MIN.)
CONCRETE MASONRY UNITS	5 (125)
PRECAST REINFORCED CONCRETE SECTIONS	4 (100)
CAST-IN-PLACE CONCRETE	6 (150)



ELEVATION



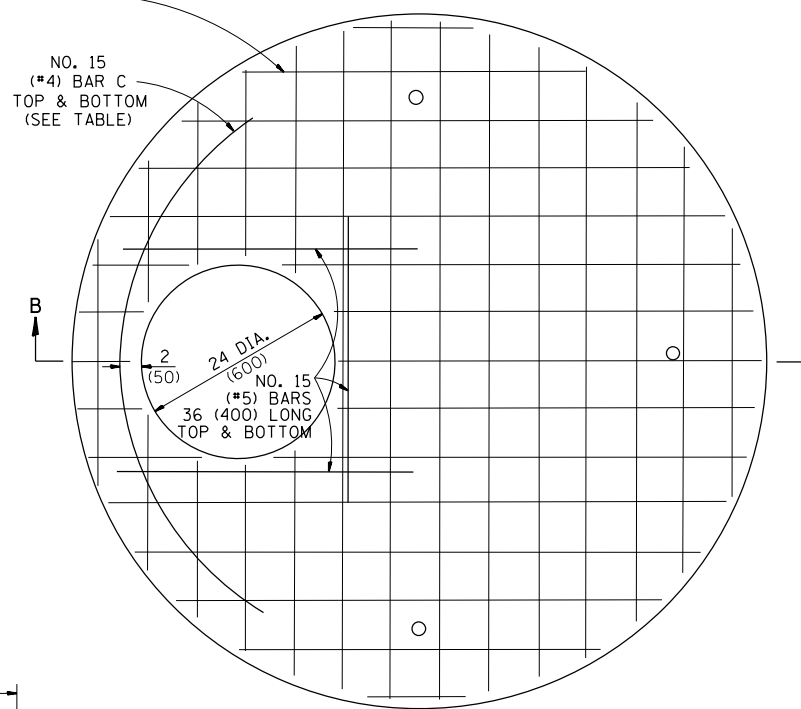
ELEVATION



PLAN

SHOWING REBAR REINFORCEMENT

WELDED WIRE FABRIC TYPICAL PLACED AT BOTTOM



PLAN

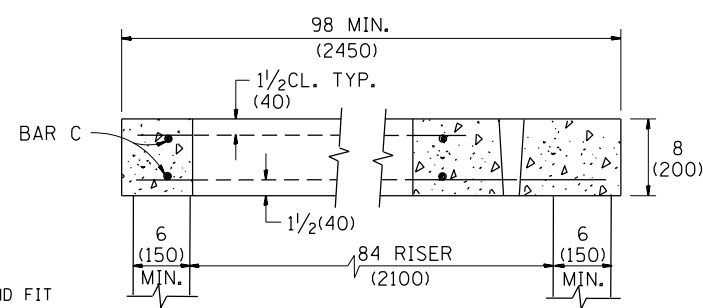
SHOWING WELDED WIRE FABRIC REINFORCEMENT

DIAMETER OF OPENING	REINFORCEMENT "AS" WWF OR BAR EACH DIRECTION	BAR SIZE	BAR C		
			SIZE	LENGTH	RADIUS
24 (600)	1.06 SQ.IN./LIN.FT. (2244 SQ.mm/m)	#6 (NO.20)	#4 (NO.15)	72 (1800)	38 (950)
48 (1200)	1736 SQ.mm/m (0.82 SQ.IN./LIN.FT.)	#6 (NO.20)	#4 (NO.15)	108 (2700)	38 (950)

TABLE

GENERAL NOTES

SEE STANDARD 2447 FOR DETAILS OF CAST IRON STEPS.
 JOINT CONFIGURATION AND DIMENSIONS OF FLAT SLAB TOP SHALL MATCH AND FIT THE RISER JOINT DETAIL.
 LIFTING DEVICES SHALL BE APPROVED BY THE ENGINEER.

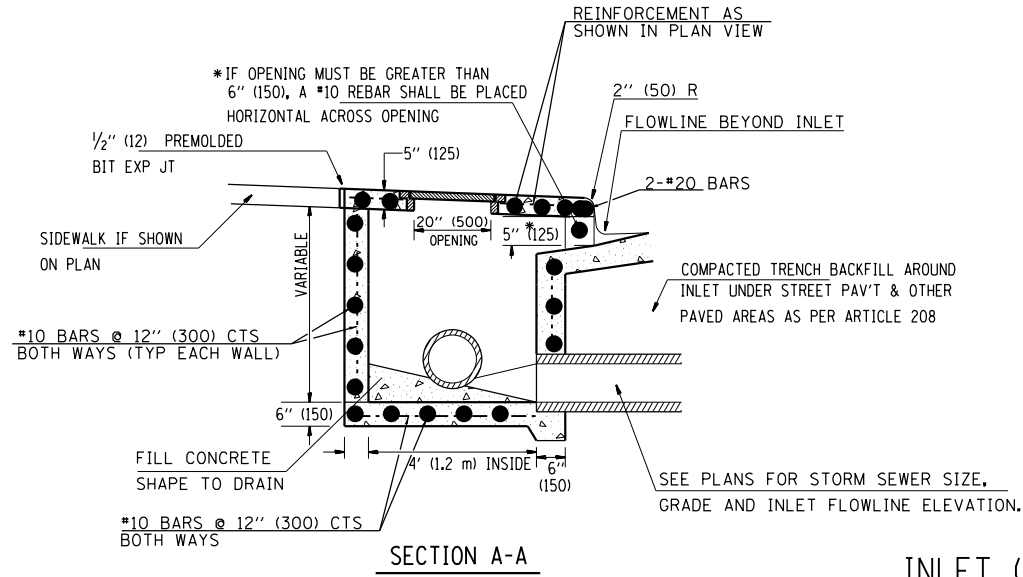


SECTION B-B

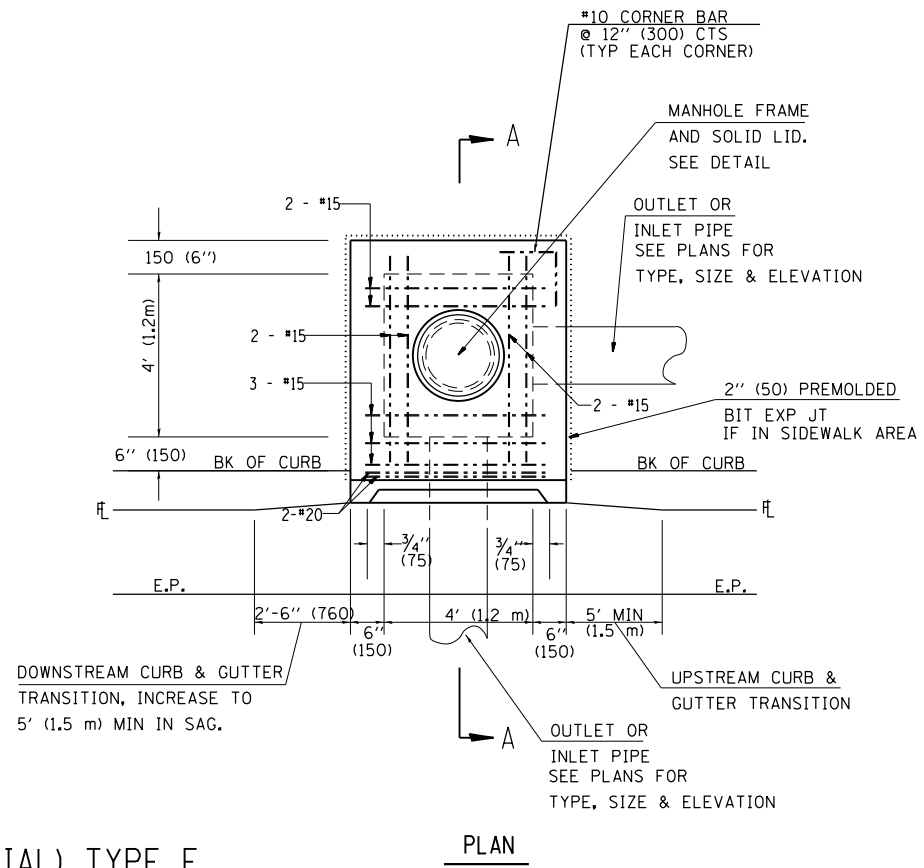
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

NOTES:

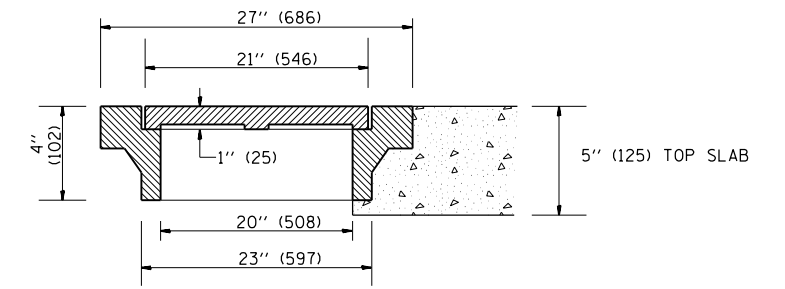
1. THE CONTRACT UNIT PRICE OF EACH FOR INLET, (SPECIAL) TYPE E SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY TO CONSTRUCT THE INLET IN ACCORDANCE WITH ARTICLE 602 OF THE STANDARD SPECIFICATIONS AND AS SHOWN HEREIN.
2. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
3. THE FRONT EDGE OF THE TOP SLAB SHALL BE EITHER STRAIGHT OR RADIUSSED AS NEEDED TO CONFORM WITH THE SHAPE OF THE ADJACENT CURB AND GUTTER.



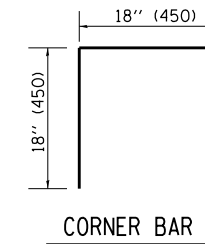
INLET (SPECIAL) TYPE E



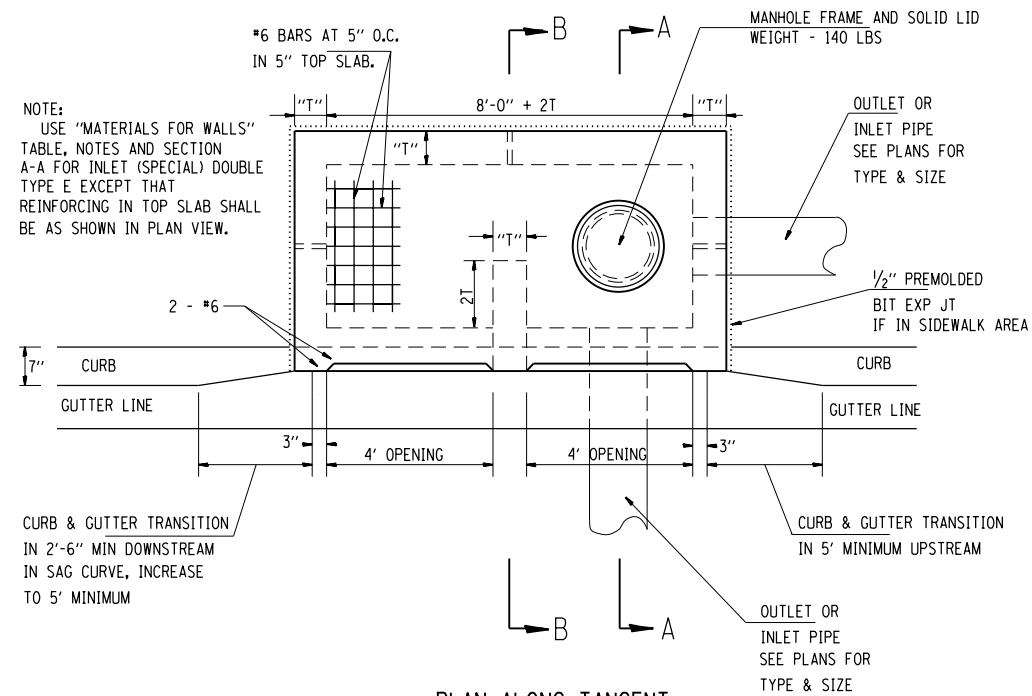
PLAN



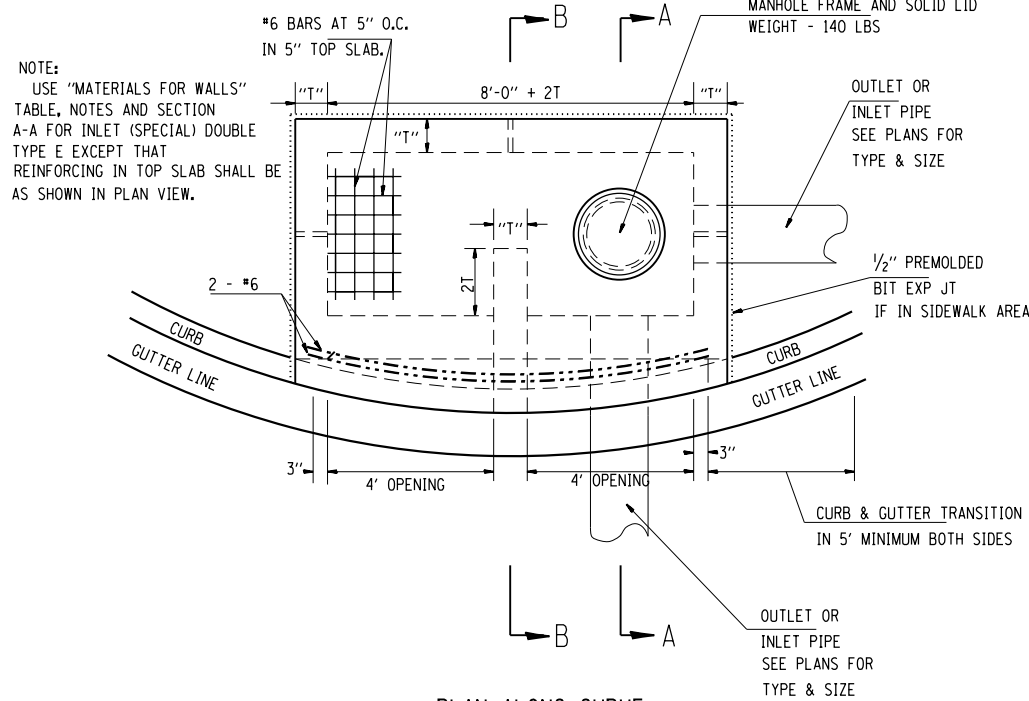
**TYPICAL DETAIL OF
MANHOLE FRAME AND SOLID LID
NEENAH R-6020 OR APPROVED EQUAL**



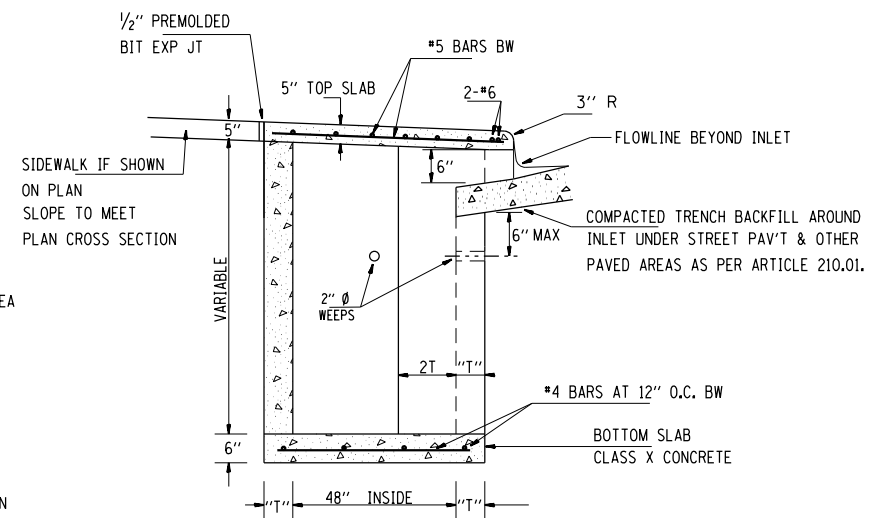
CORNER BAR



PLAN ALONG TANGENT



PLAN ALONG CURVE



SECTION B-B

FOR 1, 2 & 3, SEE ABOVE

4. BRICKS, CONCRETE BLOCKS AND REINFORCED CONCRETE BLOCKS TO BE LAID IN FULL MORTAR BEDS WITH FLUSH JOINTS.
5. WHEN CONSTRUCTED OF MONOLITHIC CONCRETE, USE #4 REINFORCING BARS SPACED AT 12" CENTERS BOTH WAYS IN FLOOR SLAB AND WALLS.
6. FOR SECTION A-A, SEE ABOVE

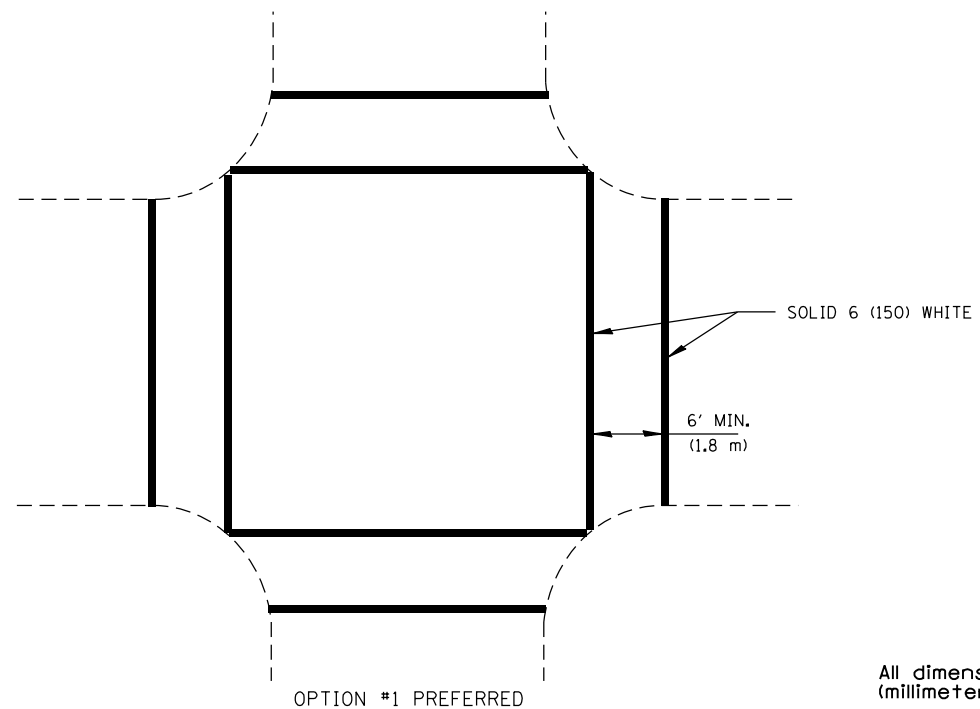
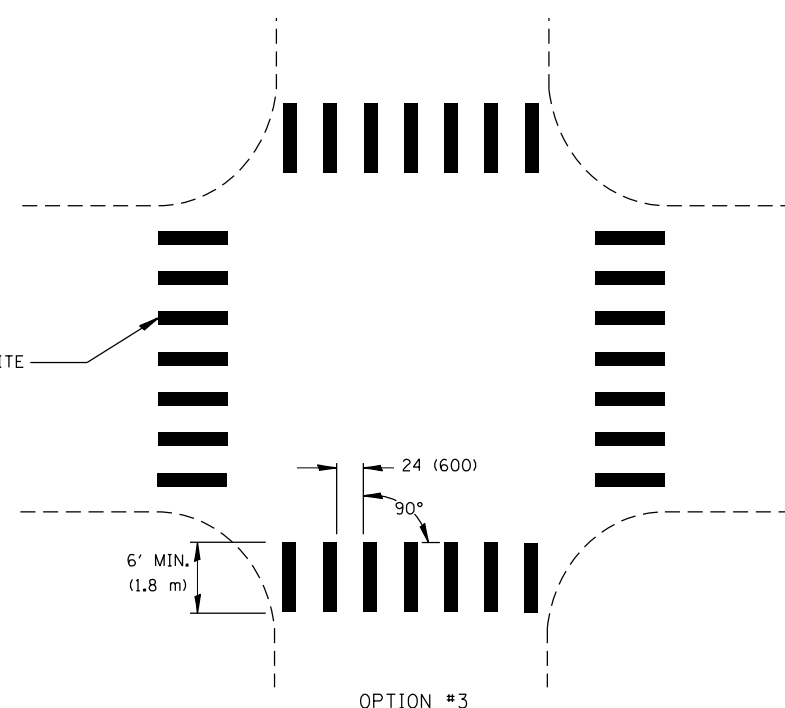
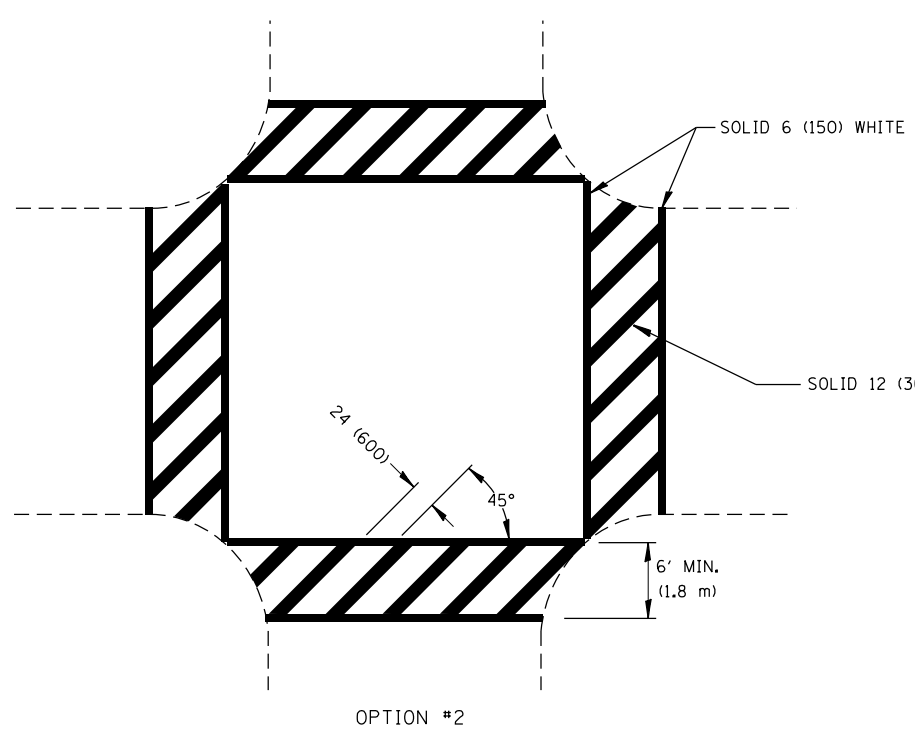
INLET (SPECIAL) DOUBLE TYPE E

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE DETAILS INLET (SPECIAL) TYPE E			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	452
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



CROSSWALK MARKINGS SHOULD NOT BE USED INDISCRIMINATELY. AN ENGINEERING STUDY IS REQUIRED BEFORE THEY ARE INSTALLED AT LOCATIONS AWAY FROM TRAFFIC SIGNALS OR STOP SIGNS.

CROSSWALK SHALL CONNECT TO CURB CUTS OR SIDEWALKS. CROSSWALKS MAY BE INSTALLED AT A SKEW TO PERMIT THIS CONNECTION.

HMA SURFACES USE:
PREF. PLASTIC PAV'T MKG TYPE B (INLAID) NEW APPLICATION
EXISTING: THERMOPLASTIC OR URETHANE

CONCRETE SURFACES USE: URETHANE

CROSSWALKS

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT 6 PAVEMENT MARKING STANDARDS
 DATE 2013-01 NOT TO SCALE

D6PAVMRK.DGN
 DGN-ONLY

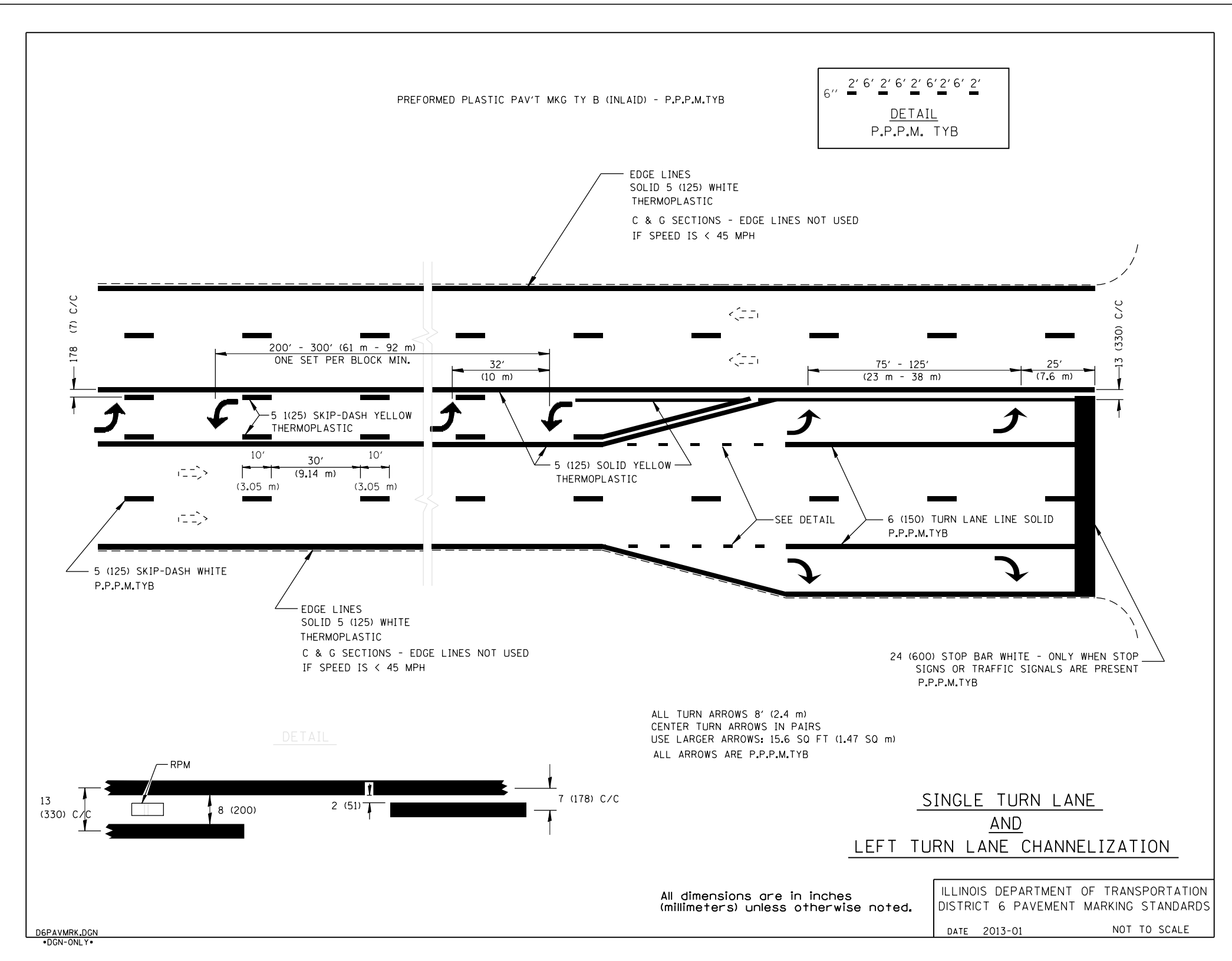
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 1 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	453
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	

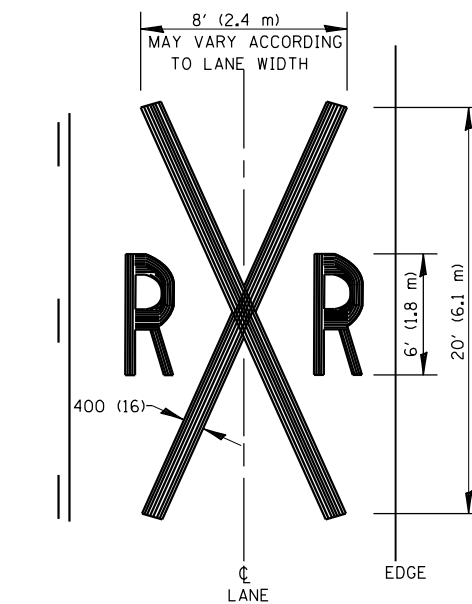
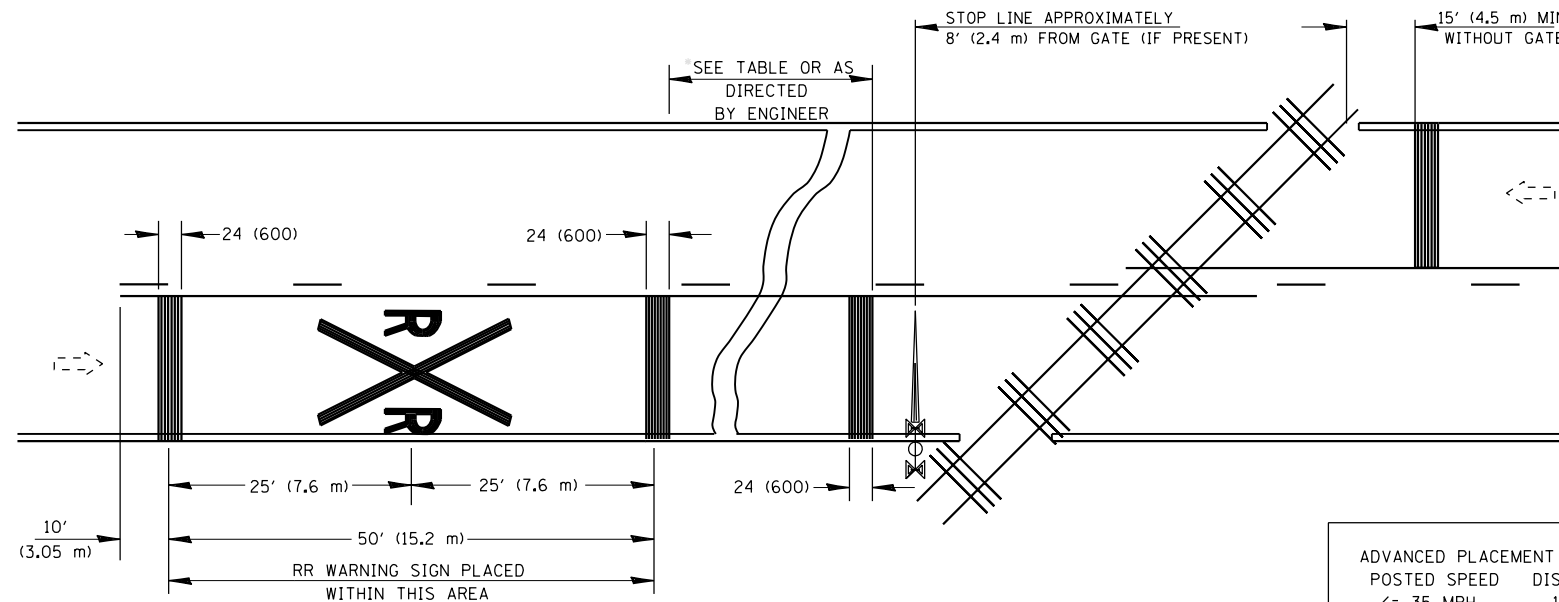


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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT 6 PAVEMENT MARKING DETAILS			
SCALE:	SHEET 2 OF 17 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	454
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



THE DISTANCE FROM THE RAILROAD CROSSING MARKING TO THE NEAREST TRACK WILL VARY ACCORDING THE APPROACH SPEED AND THE SIGHT DISTANCE OF THE VEHICULAR TRAFFIC APPROACHING, BUT SHOULD NOT BE LESS THAN 50' (15.2 m)

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL RXR SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

REFER TO STANDARD ALPHABET FOR HIGHWAY SIGNS AND MARKINGS FOR RXR SYMBOLS DETAILS.

POSTED SPEED	DISTANCE
<= 35 MPH	100 FT
40 MPH	125 FT
45 MPH	175 FT
50 MPH	250 FT
55 MPH	325 FT
60 MPH	400 FT
65 MPH	475 FT

R = 3.6 SO. FT.
X = 54.0 SO. FT.

ALL PAVEMENT MARKING MATERIALS SHALL BE: PREF PLASTIC PAV'T MKG TYPE B (INLAID)

**TYPICAL PAVEMENT MARKINGS
AT
RAILROAD-HIGHWAY GRADE CROSSINGS**

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS
DATE 2013-01 NOT TO SCALE

D6PAVMRK.DGN
•DGN-ONLY•

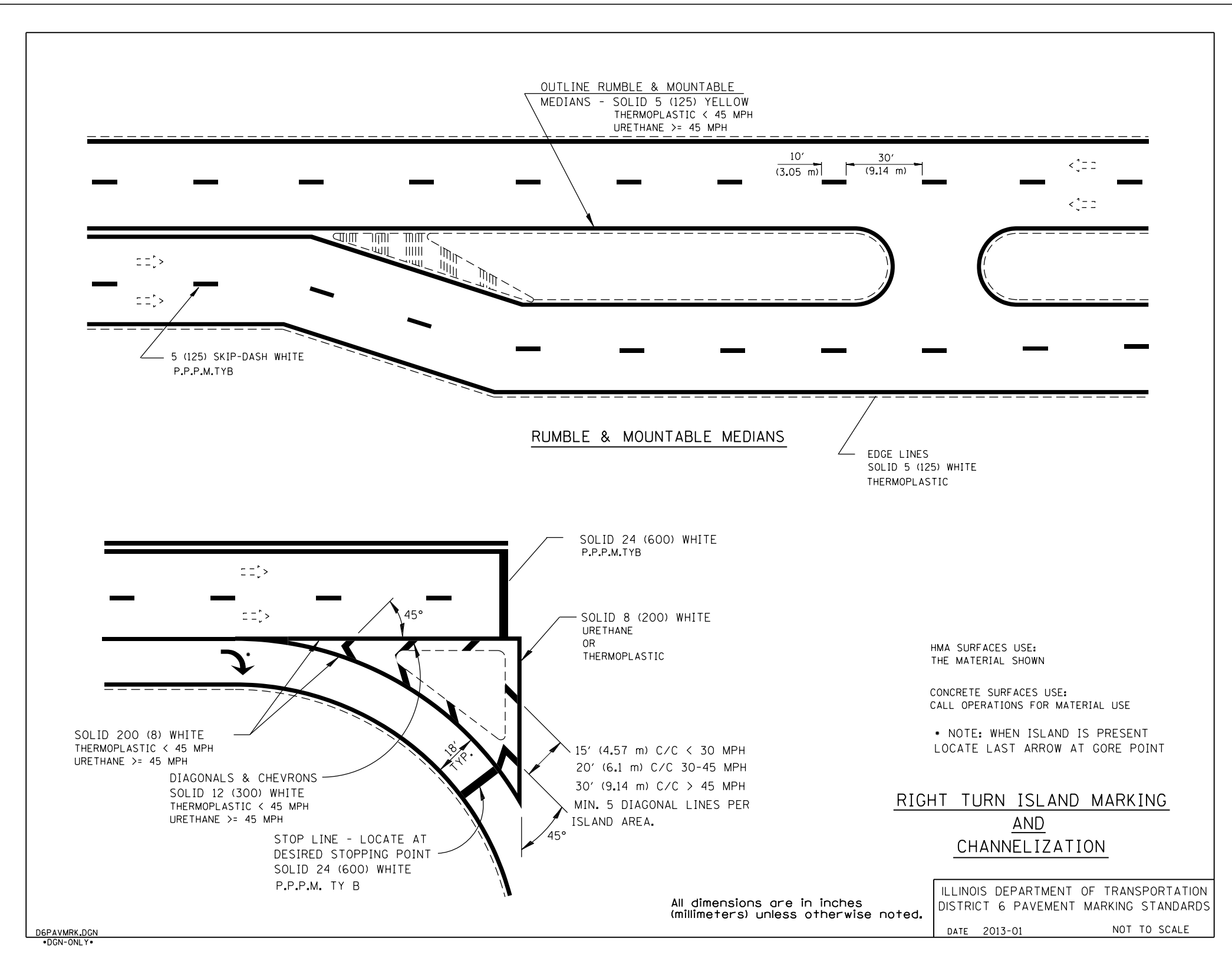
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 3 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	455
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



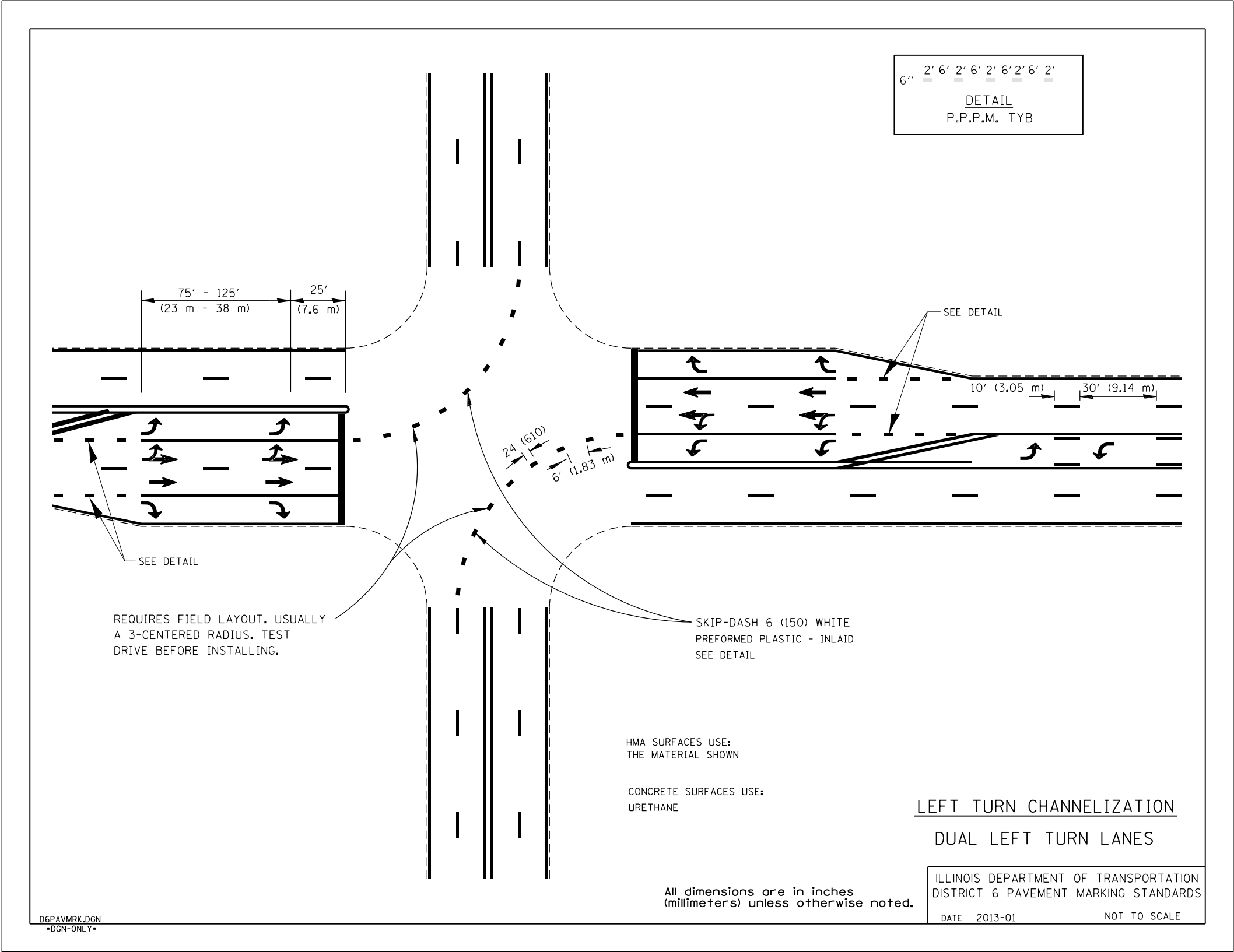
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 4 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	456
			CONTRACT NO. 72890	
ILLINOIS FED. AID PROJECT				



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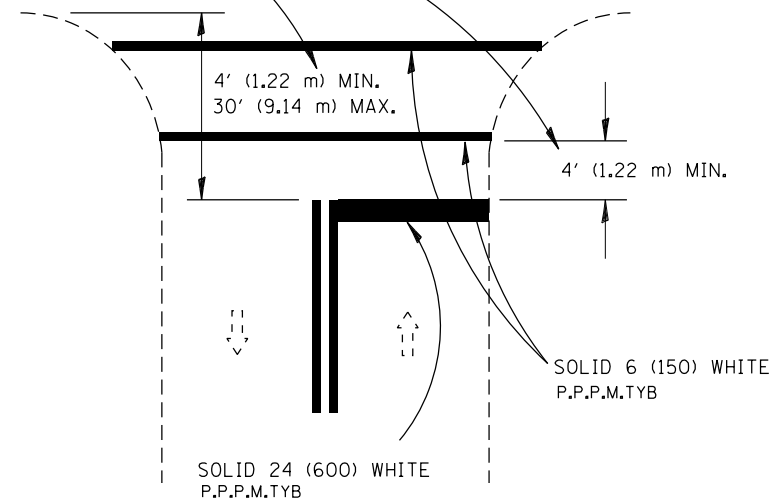
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 5 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	457
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				

IF CROSSWALK IS NOT PRESENT,
LOCATE STOP LINE AT DESIRED
STOPPING POINT.



RURAL

RELEASE NO PASSING ZONE
100 FT AFTER STOP BAR
WHERE APPROPRIATE

500' FT PASSING
ZONE APPROACHING STOP BAR

STOP LINES

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS
DATE 2013-01 NOT TO SCALE

D6PAVMRK.DGN
•DGN-ONLY•

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

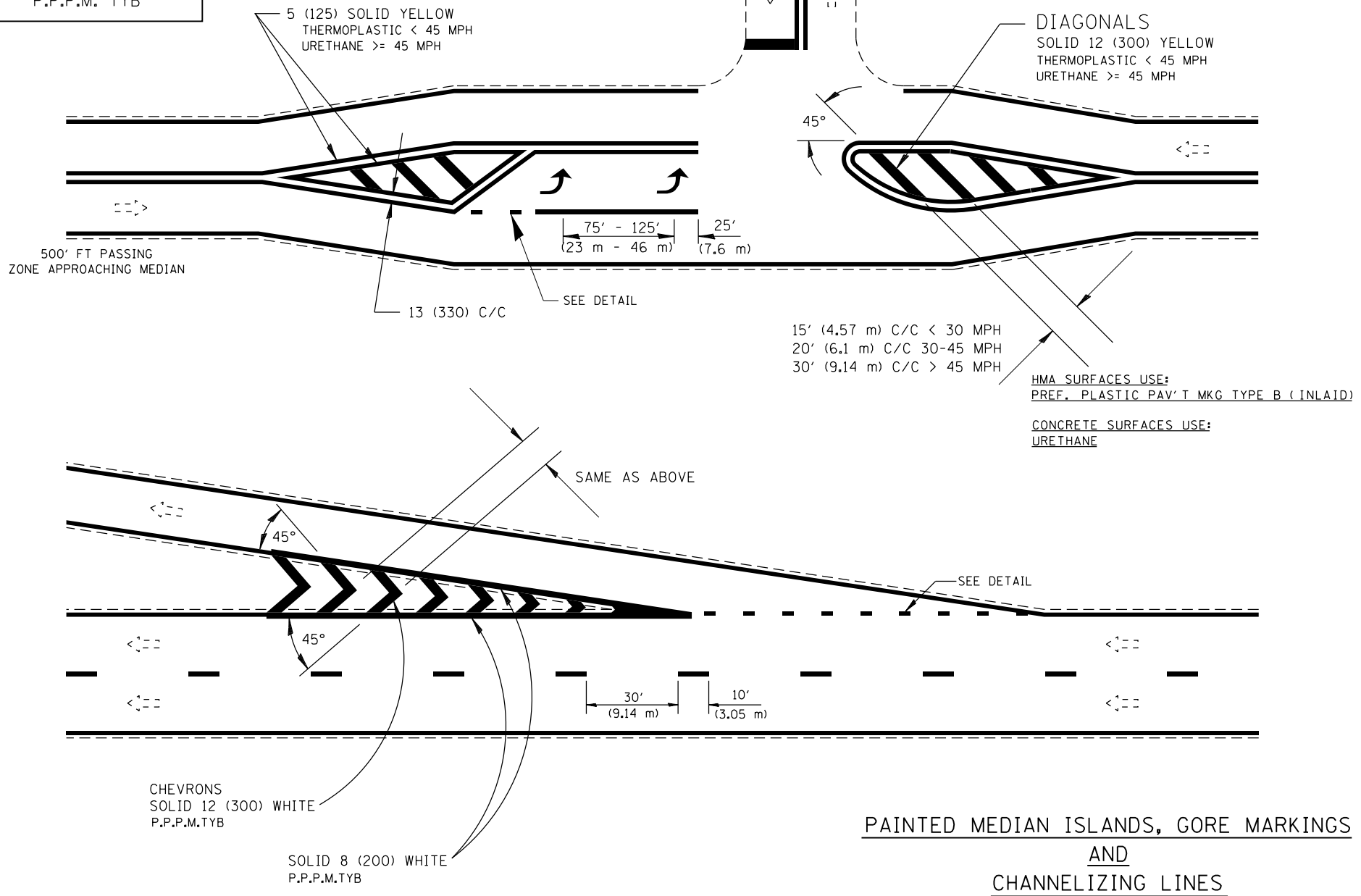
DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 6 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	458
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	

6" 2' 6" 2' 6" 2' 6" 2' 6" 2' 6" 2'

DETAIL
P.P.P.M. TYB



D6PAVMRK.DGN
•DGN-ONLY•

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS
DATE 2013-01 NOT TO SCALE

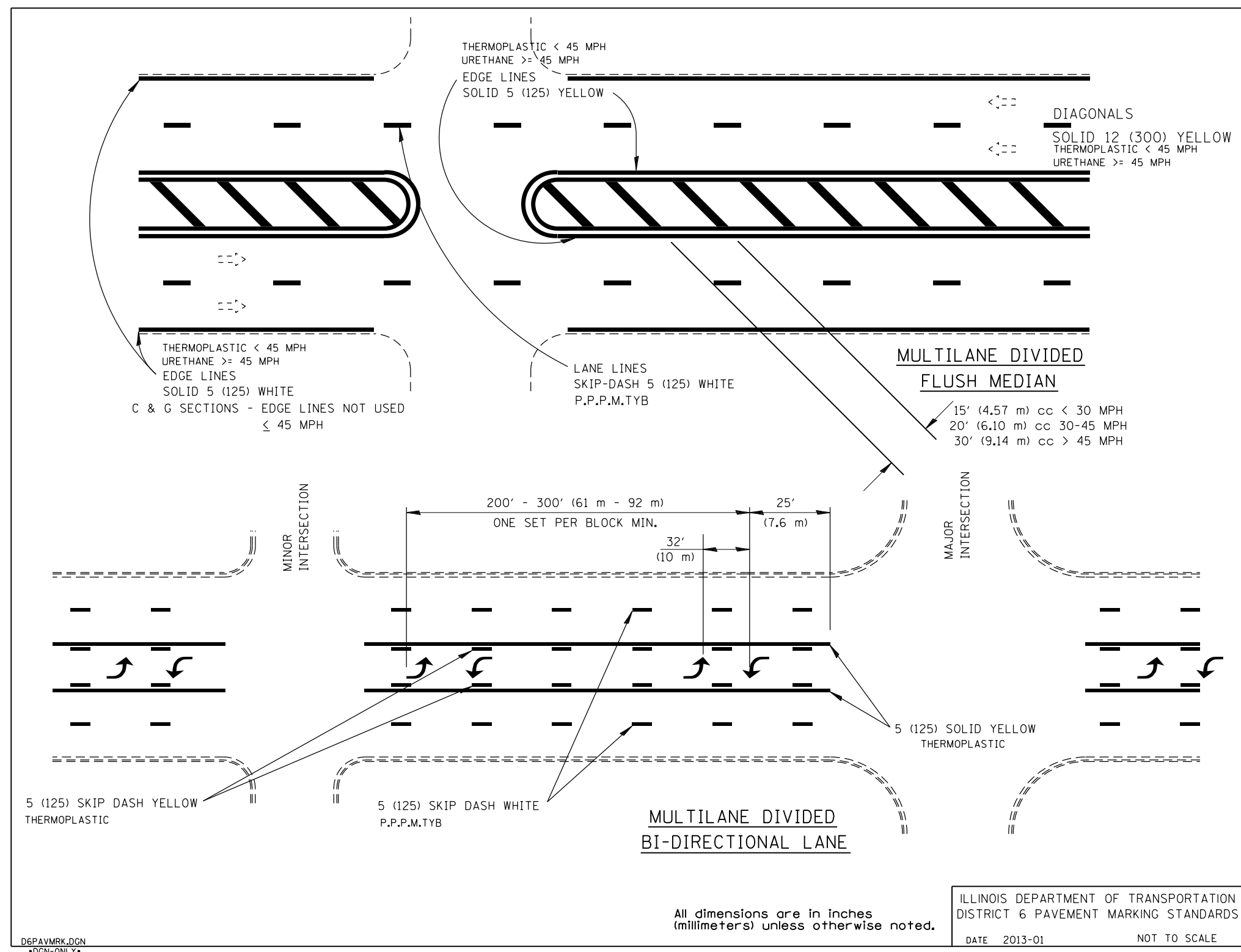
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 7 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	459
				CONTRACT NO. 72890
ILLINOIS FED. AID PROJECT				



D6PAVMRK.DGN
•DGN-ONLY•

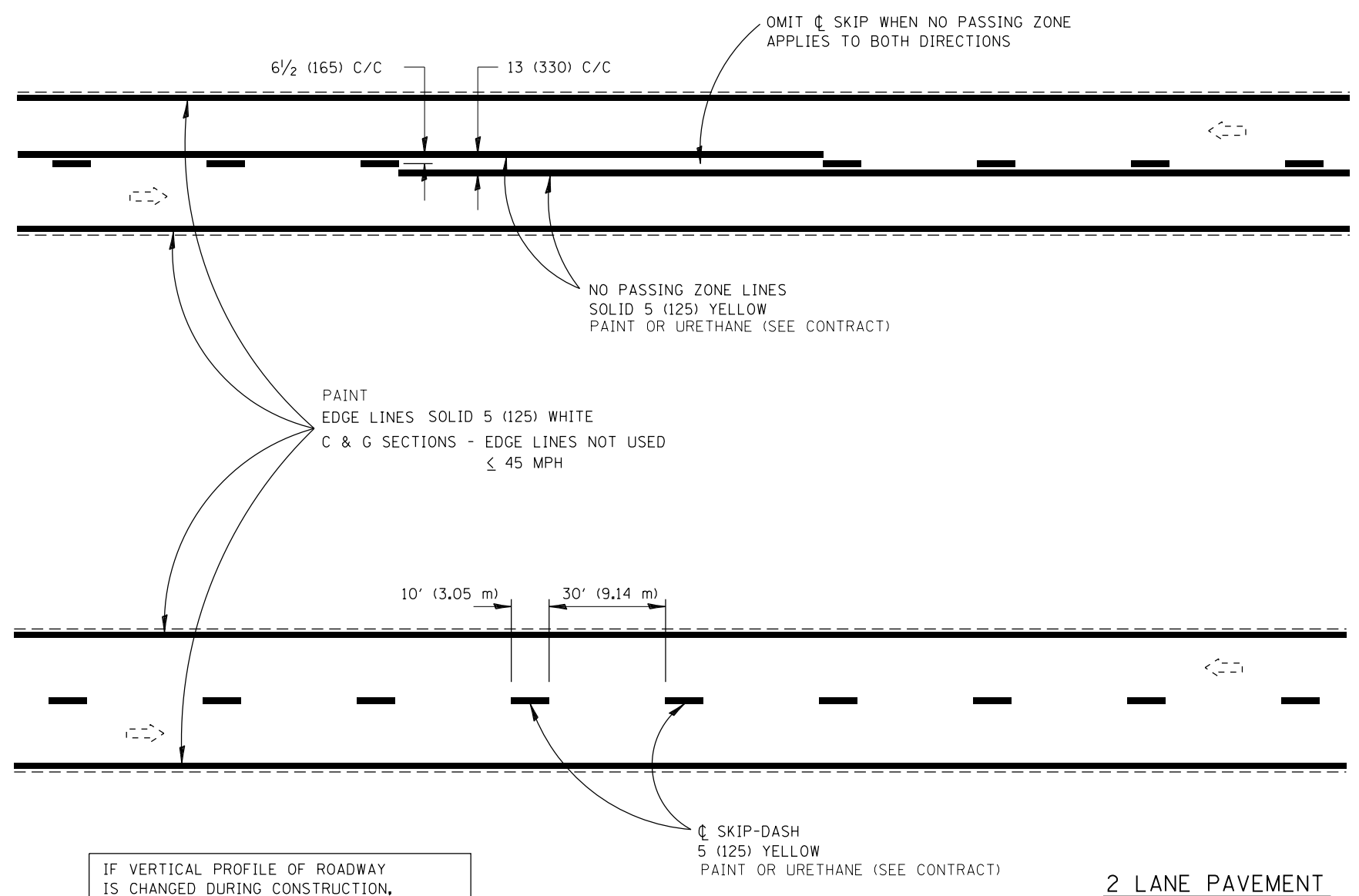
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 8 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	460
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



IF VERTICAL PROFILE OF ROADWAY IS CHANGED DURING CONSTRUCTION, "NO PASSING ZONES" ARE TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS 14 DAYS PRIOR TO PERMANENT PAVEMENT MARKINGS.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS
DATE 2013-01 NOT TO SCALE

D6PAVMRK.DGN
•DGN-ONLY•

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

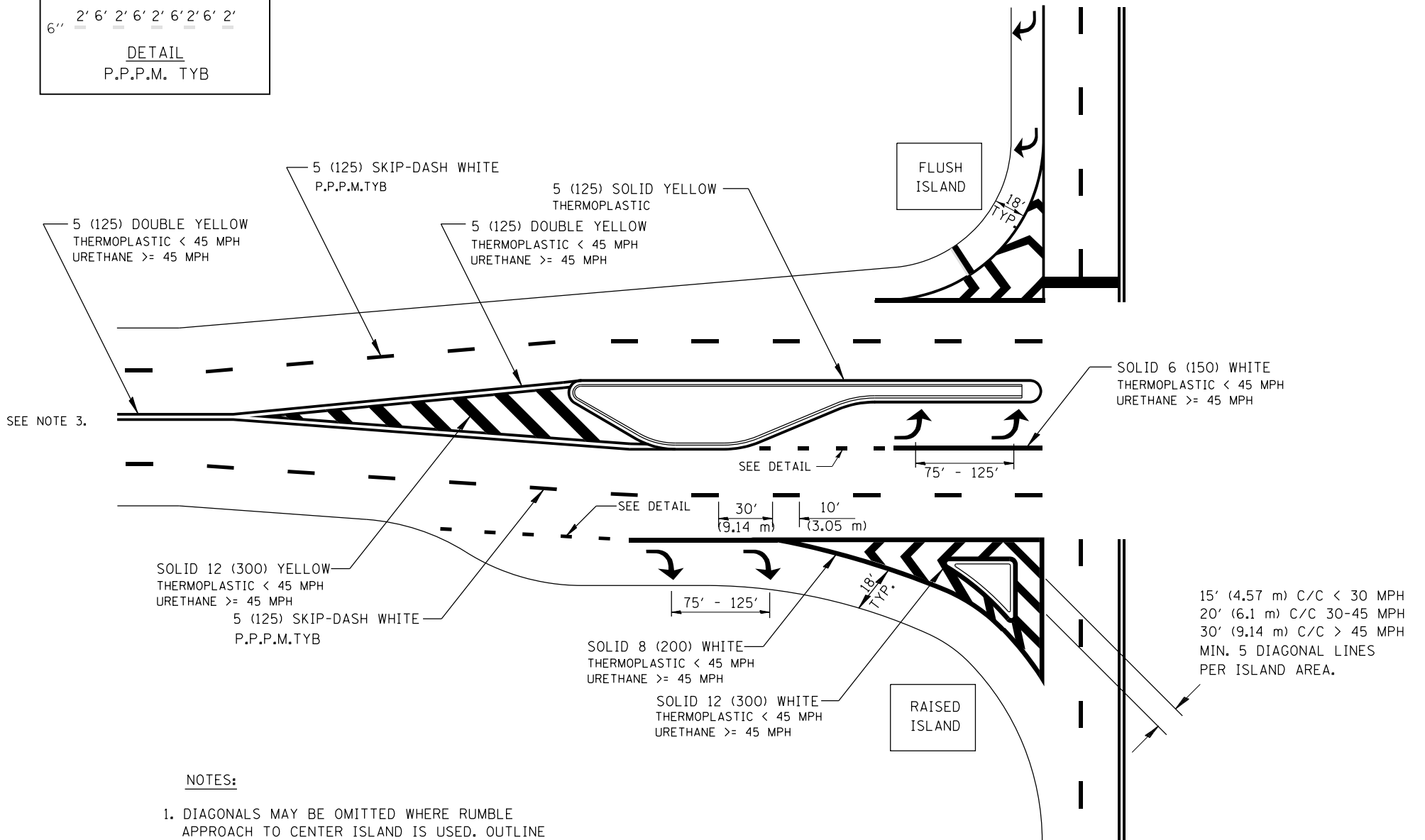
DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 9 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	461
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				

6" 2' 6" 2' 6" 2' 6" 2' 6" 2' 6" 2'

DETAIL
P.P.P.M. TYB



- NOTES:**
1. DIAGONALS MAY BE OMITTED WHERE RUMBLE APPROACH TO CENTER ISLAND IS USED. OUTLINE ALL RUMBLE AREA WITH SINGLE YELLOW LINE.
 2. SEE FIGURE 3-13 OF THE MUTCD FOR RECOMMENDED TAPER LENGTHS.
 3. BEGIN NO PASSING ZONE 500FT BEFORE PAINTED MEDIAN. RELEASE NO PASSING ZONE 100 FT AFTER PAINTED MEDIAN WHERE APPROPRIATE.

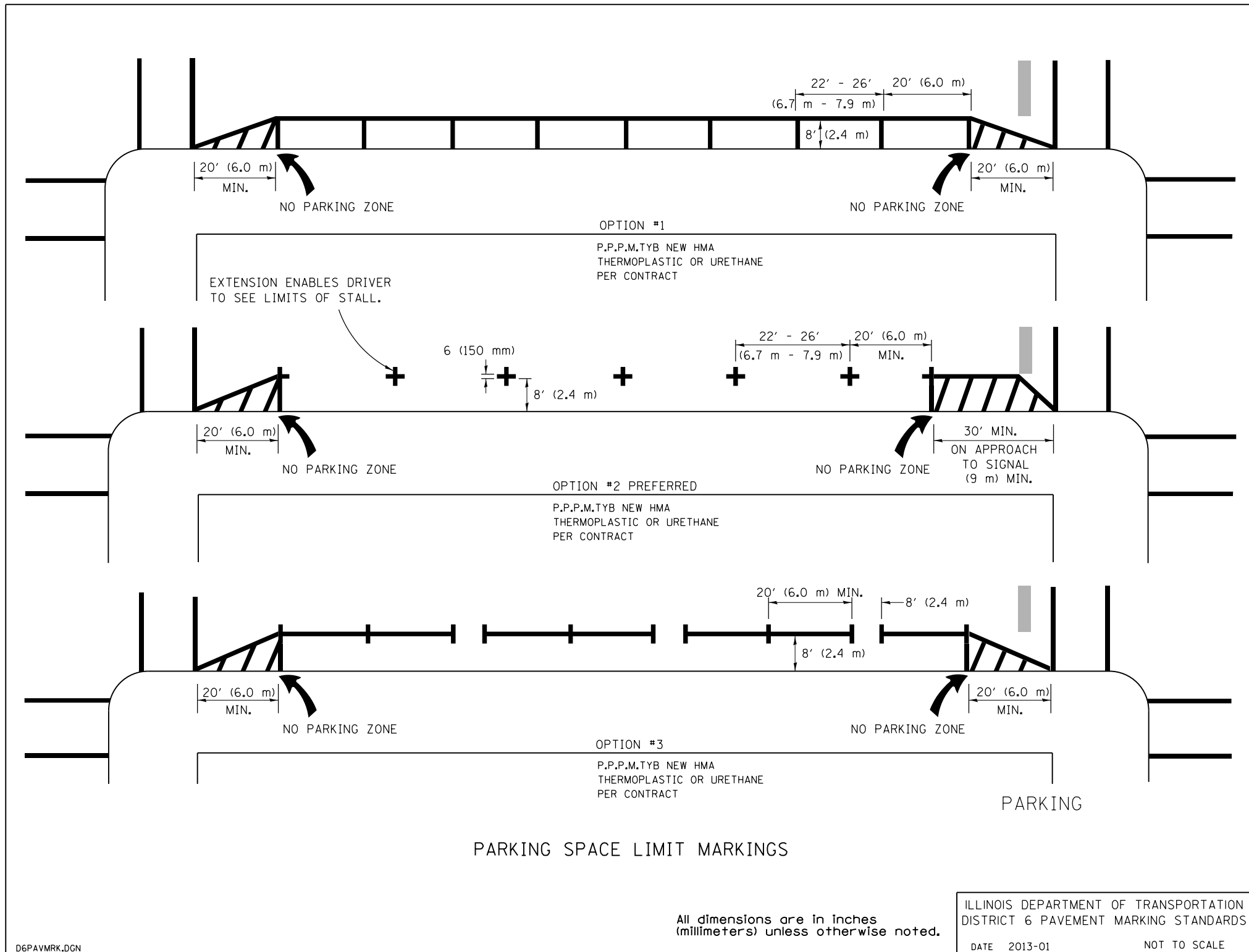
OFF-SET ISLANDS AND ISLAND APPROACH MARKINGS

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT 6 PAVEMENT MARKING STANDARDS
DATE 2013-01 NOT TO SCALE

D6PAVMRK.DGN
•DGN-ONLY•

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 6 PAVEMENT MARKING DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwwork\pwwork\sparksgw\10373645\0672890-sht-district.details.dgn		DRAWN -	REVISED -					8012	21(W-3, TS-1, RS-7)	SANGAMON	679	462
D6PaveMark	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE: SHEET 10 OF 17 SHEETS STA. TO STA.			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:49:48PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



PARKING SPACE LIMIT MARKINGS

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DISTRICT 6 PAVEMENT MARKING STANDARDS
 DATE 2013-01 NOT TO SCALE

D6PAVMRK.DGN
 DGN-ONLY

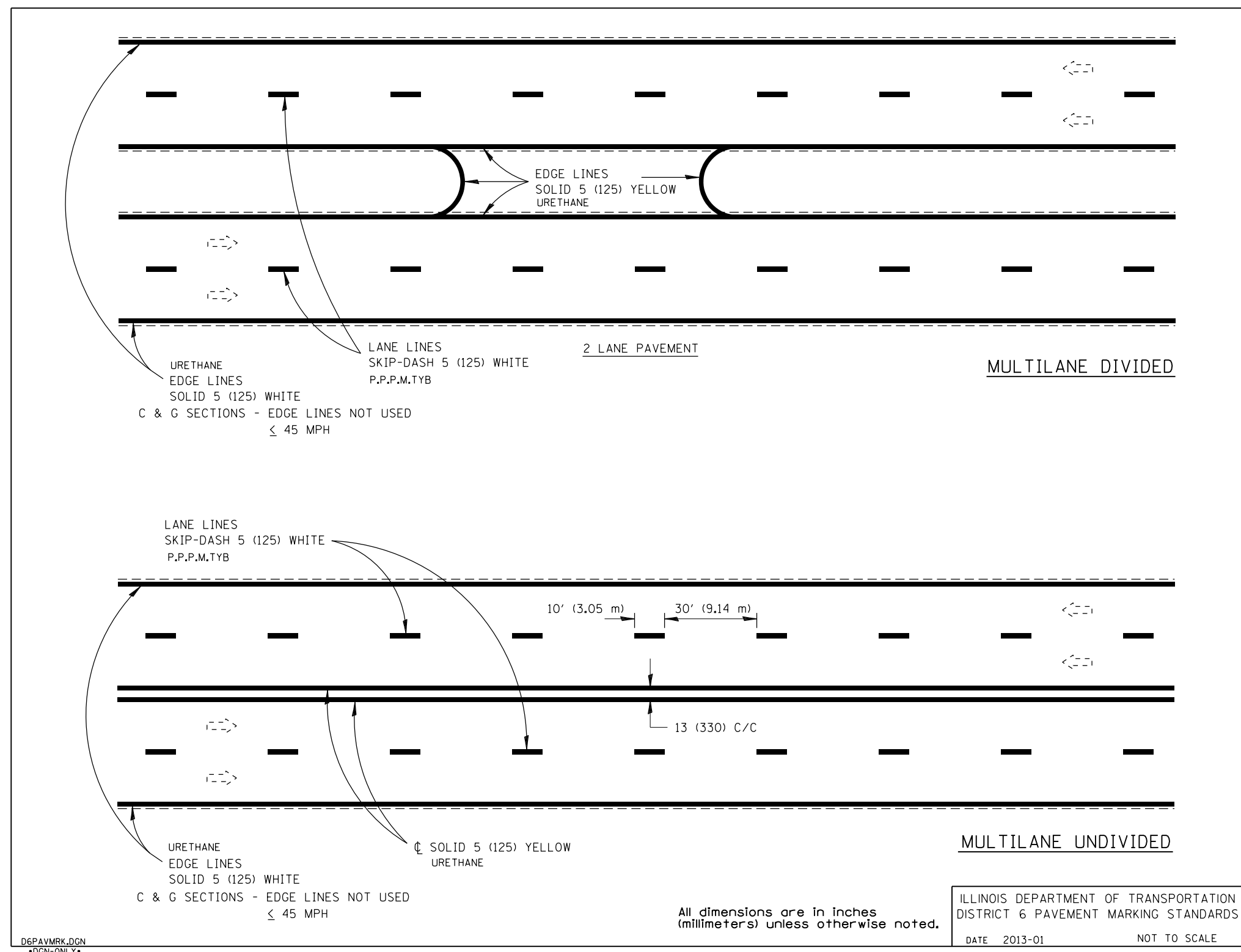
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pw\work\p\d0373645\0672890-sht-district.details.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
D6PaveMark	PLOT DATE = Feb-04-2014 01:49:48PM		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 11 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	463
				CONTRACT NO. 72890
ILLINOIS FED. AID PROJECT				



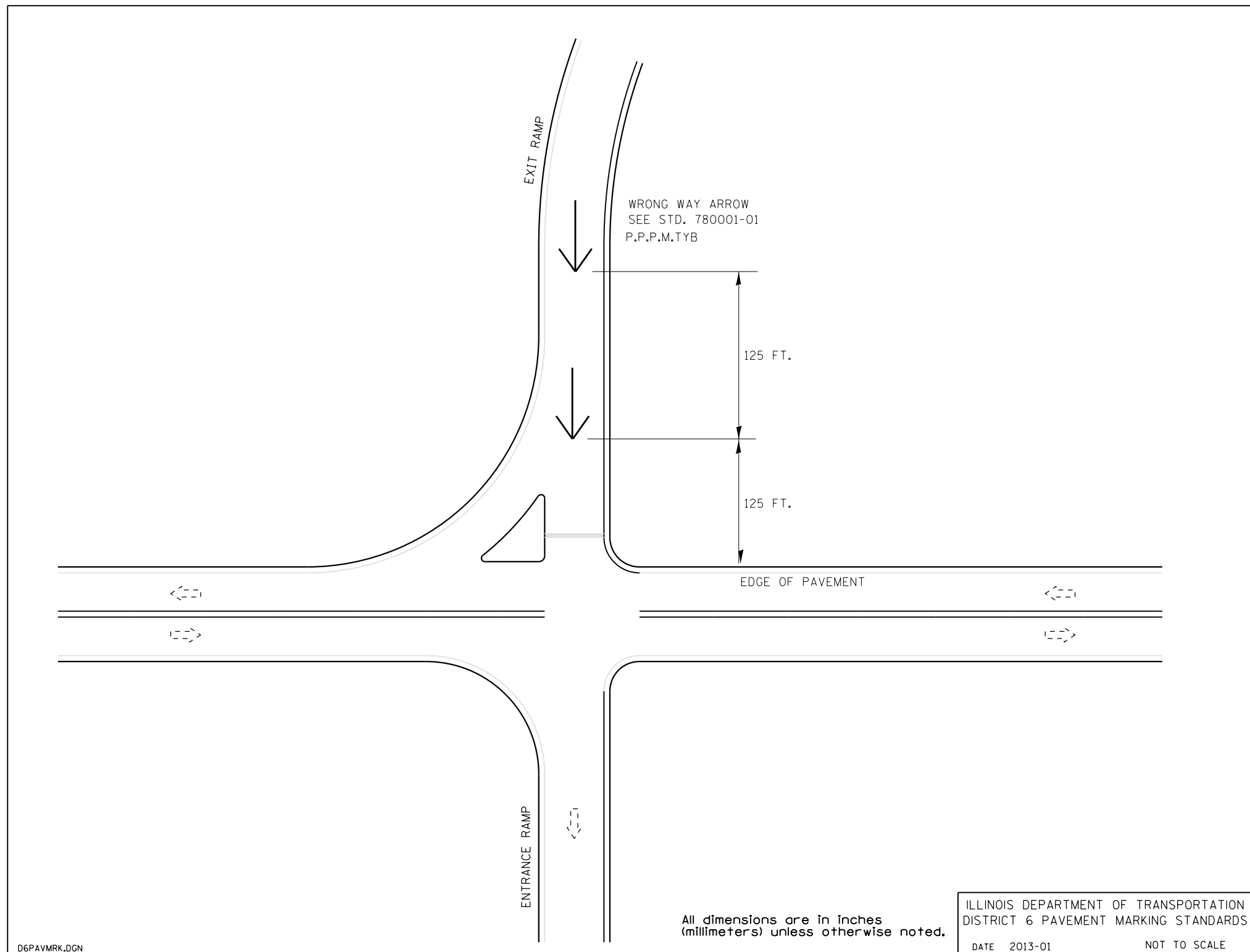
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = Feb-04-2014 01:49:48PM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 12 OF 17 SHEETS STA. TO STA.

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	464
CONTRACT NO. 72890				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwwork\pwwork\sparksgw\d0373645\0672890-sht-district.details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
D6PaveMark	PLOT DATE = Feb-04-2014 01:49:49PM	DATE -	REVISED -

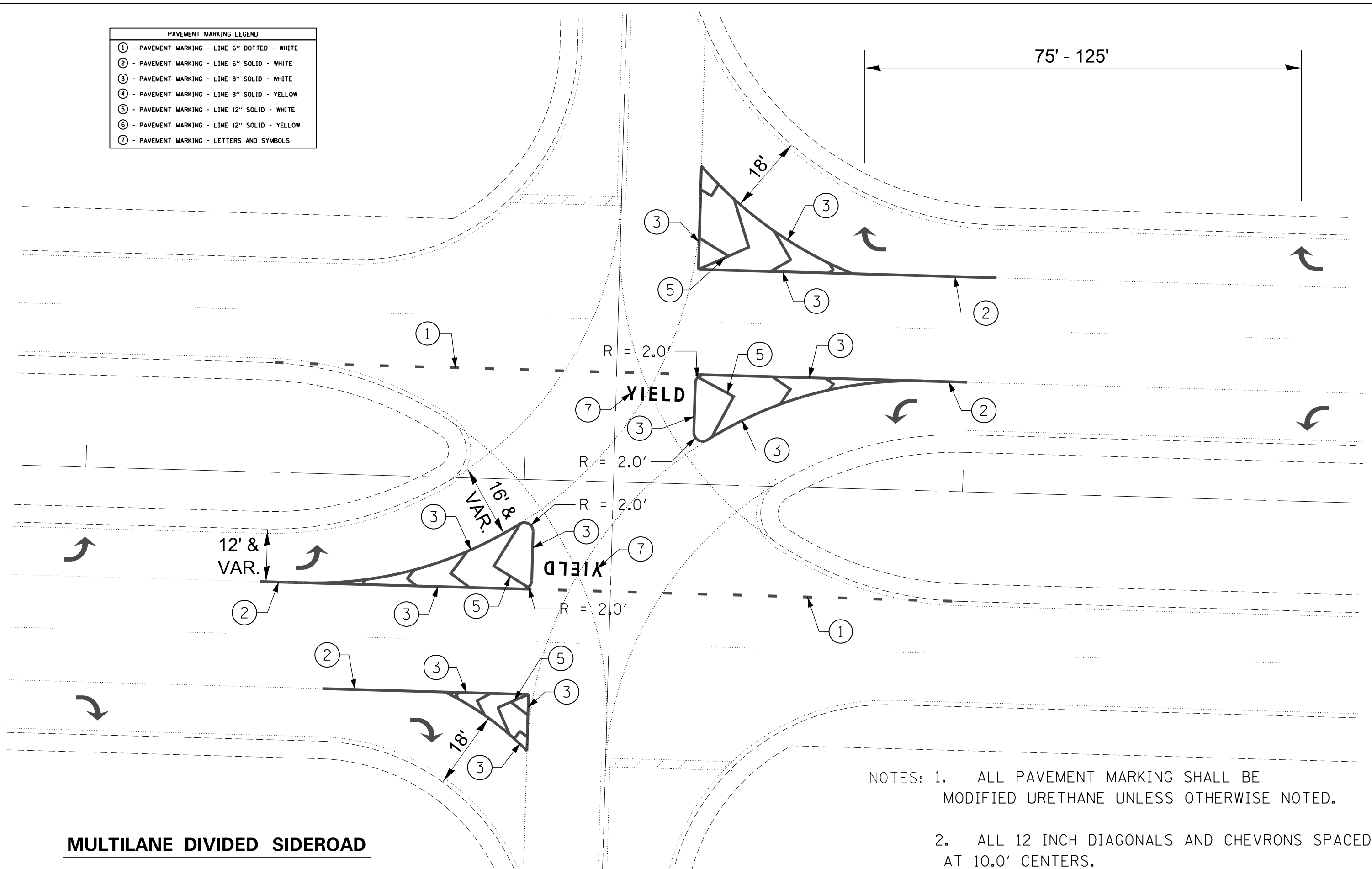
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT 6 PAVEMENT MARKING DETAILS

SCALE: SHEET 13 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	465
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING LEGEND	
①	- PAVEMENT MARKING - LINE 6" DOTTED - WHITE
②	- PAVEMENT MARKING - LINE 6" SOLID - WHITE
③	- PAVEMENT MARKING - LINE 8" SOLID - WHITE
④	- PAVEMENT MARKING - LINE 8" SOLID - YELLOW
⑤	- PAVEMENT MARKING - LINE 12" SOLID - WHITE
⑥	- PAVEMENT MARKING - LINE 12" SOLID - YELLOW
⑦	- PAVEMENT MARKING - LETTERS AND SYMBOLS



MULTILANE DIVIDED SIDEROAD

- NOTES: 1. ALL PAVEMENT MARKING SHALL BE MODIFIED URETHANE UNLESS OTHERWISE NOTED.
2. ALL 12 INCH DIAGONALS AND CHEVRONS SPACED AT 10.0' CENTERS.

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
ct:\pw\work\p\idot\sparksgw\0373645\0672890-sht-district.details.dgn		DRAWN -	REVISED -
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DBPaveMark	PLOT DATE = Feb-04-2014 01:49:49PM	DATE -	REVISED -

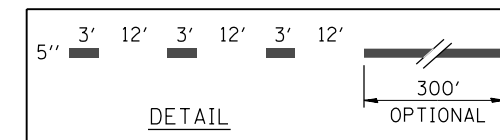
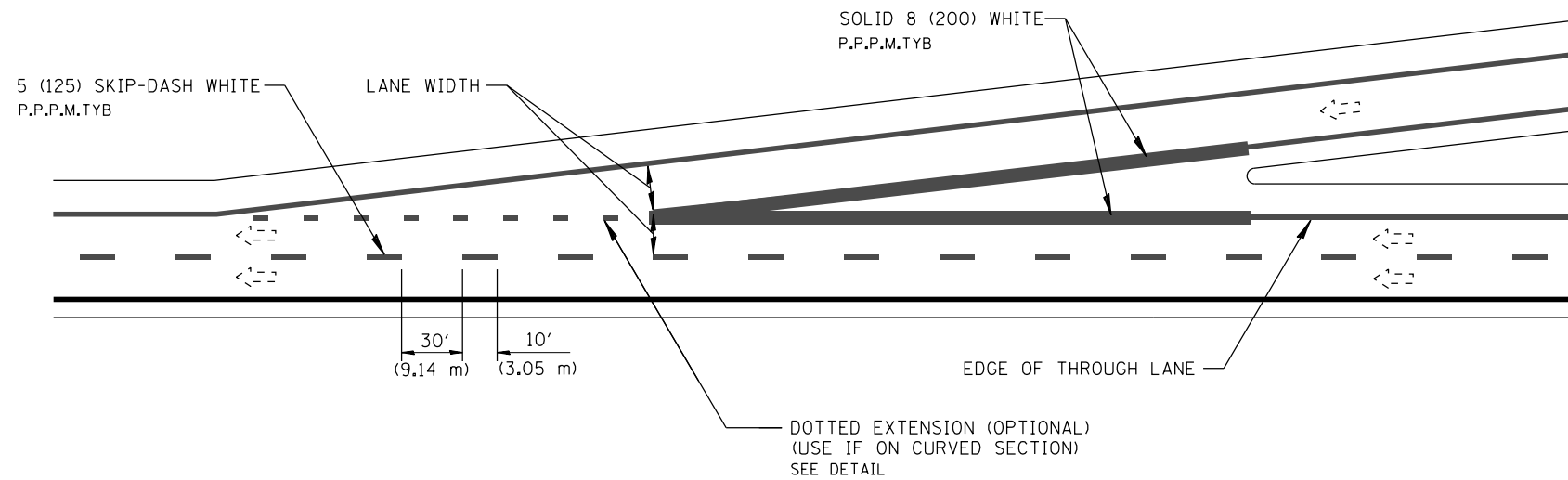
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT 6 PAVEMENT MARKING STANDARDS

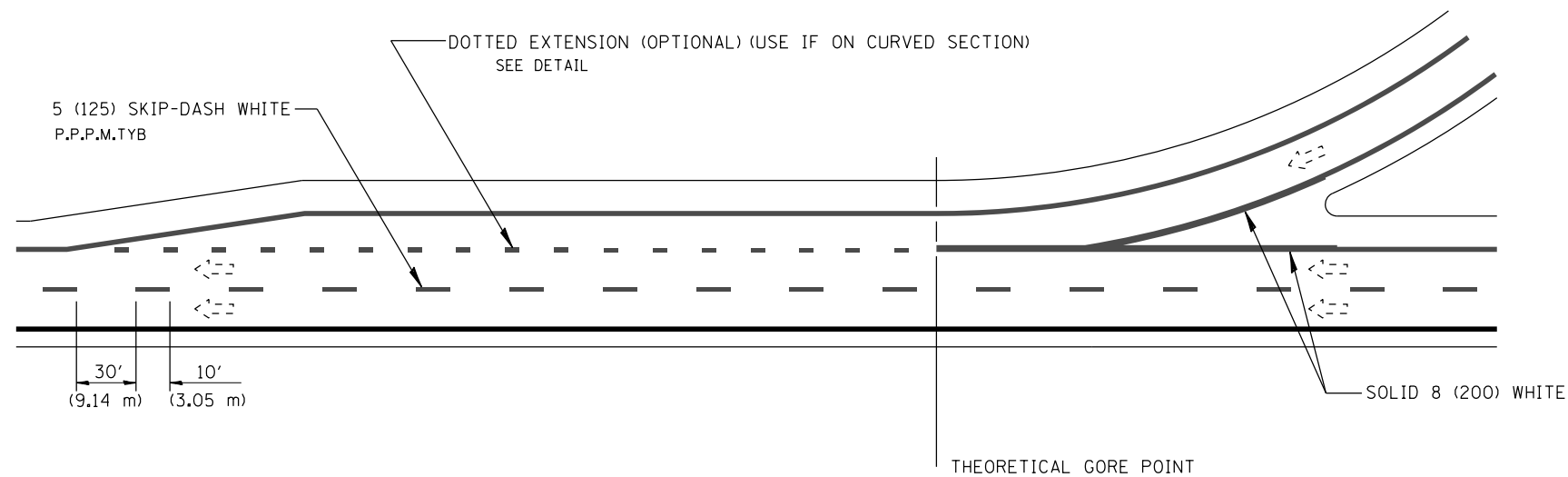
SCALE: SHEET 14 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	466
			CONTRACT NO. 72890	
ILLINOIS FED. AID PROJECT				

A - TAPERED ACCELERATION LANE



B - PARALLEL ACCELERATION LANE



ENTRANCE RAMP MARKINGS

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

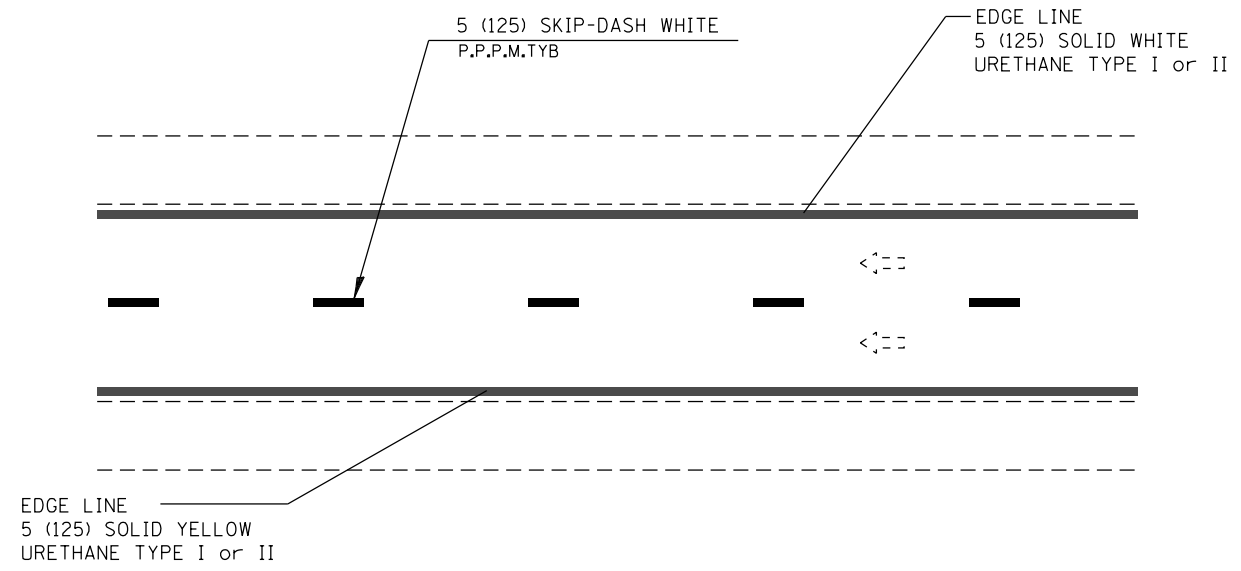
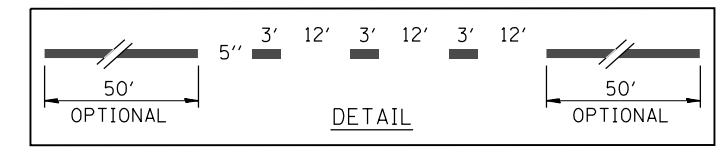
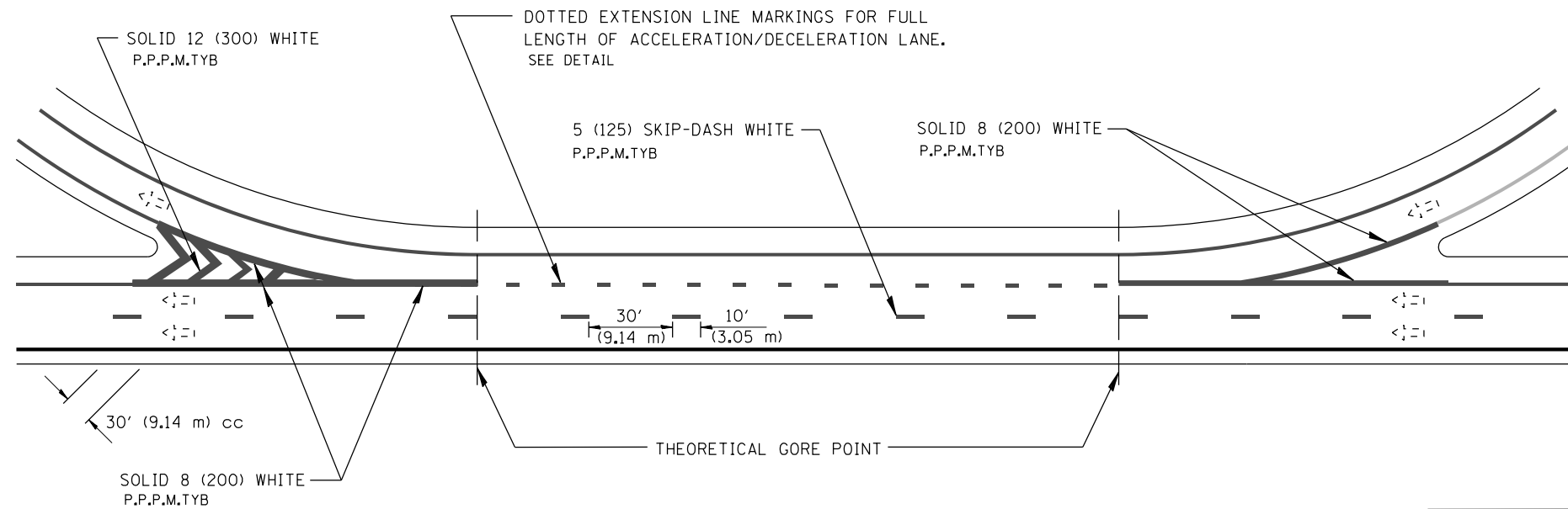
FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksgw\0373645\0678890-sht-district.details.dgn		DRAWN - GWS	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
DBPaveMark	PLOT DATE = Feb-04-2014 01:49:49PM	DATE - 2013-01	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**D6 PAVEMENT MARKING STANDARD
ENTRANCE RAMP MARKINGS**

SCALE: SHEET 15 OF 17 SHEETS STA. TO STA.

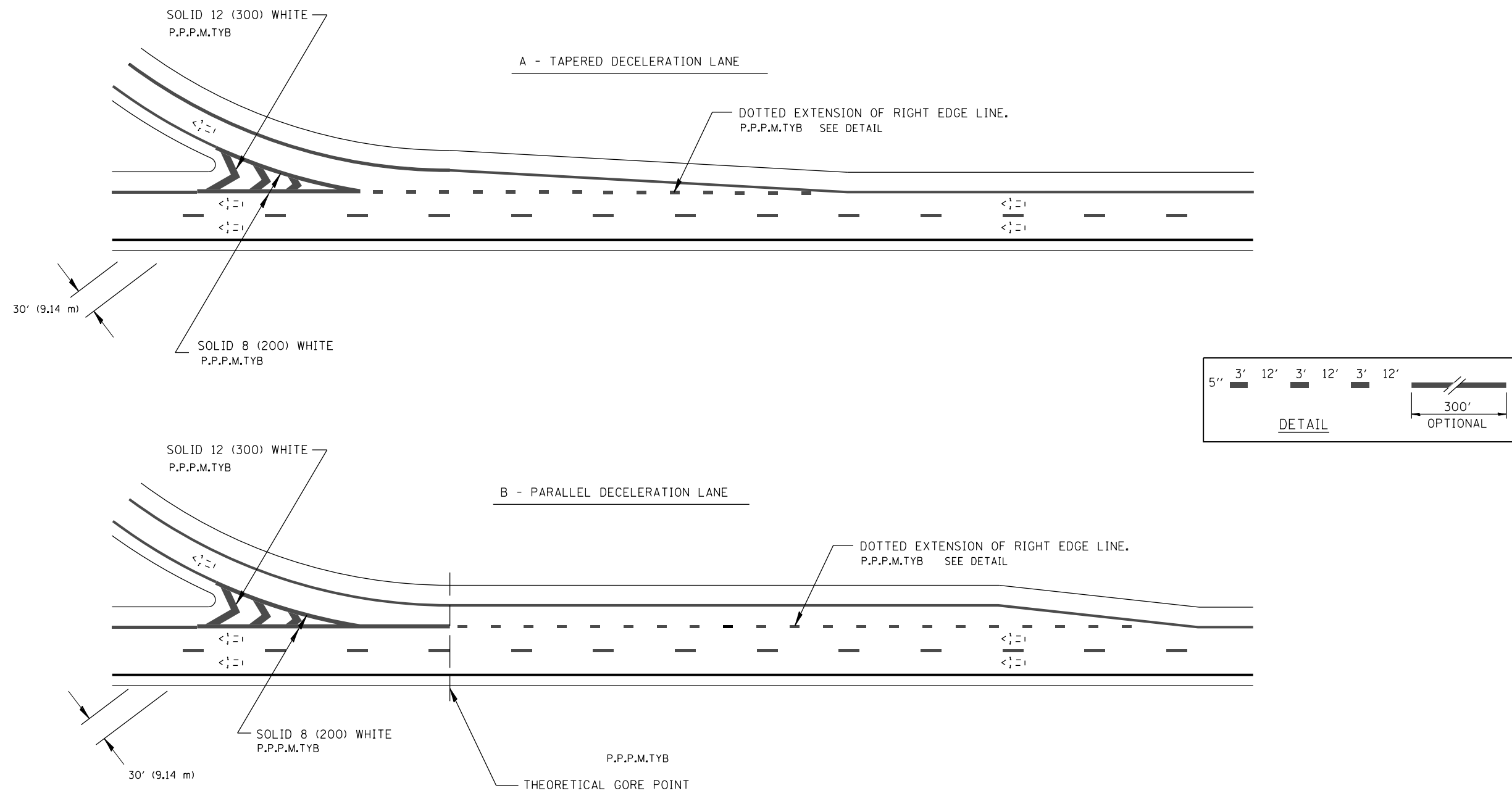
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	467
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	



CLOVERLEAF RAMP MARKINGS

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

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	D6 PAVEMENT MARKING STANDARD ENTRANCE RAMP MARKINGS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\sparksgw\0373645\0672890-sht-district.details.dgn	DRAWN - GWS	REVIS	REVIS		SCALE:	SHEET 16 OF 17 SHEETS	STA.	TO STA.	8012	21(W-3, TS-1, RS-7)	SANGAMON	679 468
DBPaveMark	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVIS						CONTRACT NO. 72890			
	PLOT DATE = Feb-04-2014 01:49:49PM	DATE - 2013-01	REVIS						ILLINOIS FED. AID PROJECT			

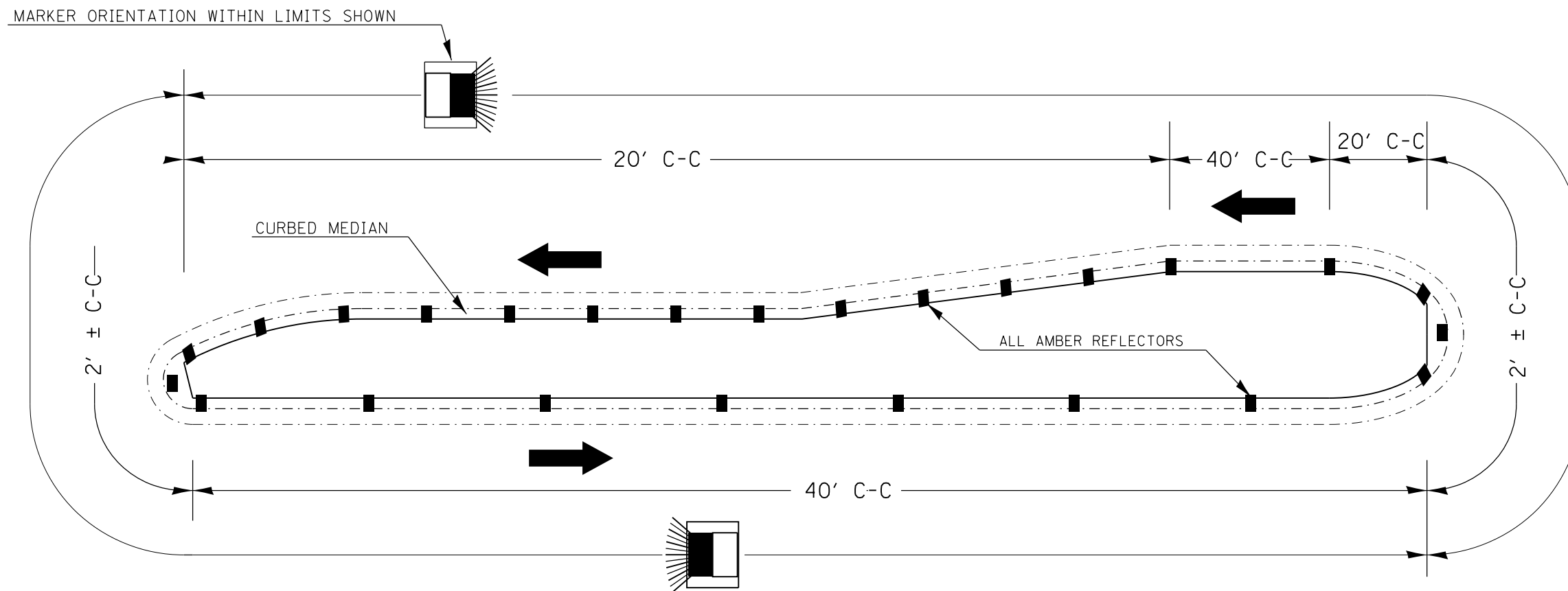


EXIT RAMP MARKINGS

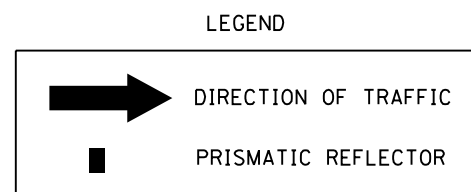
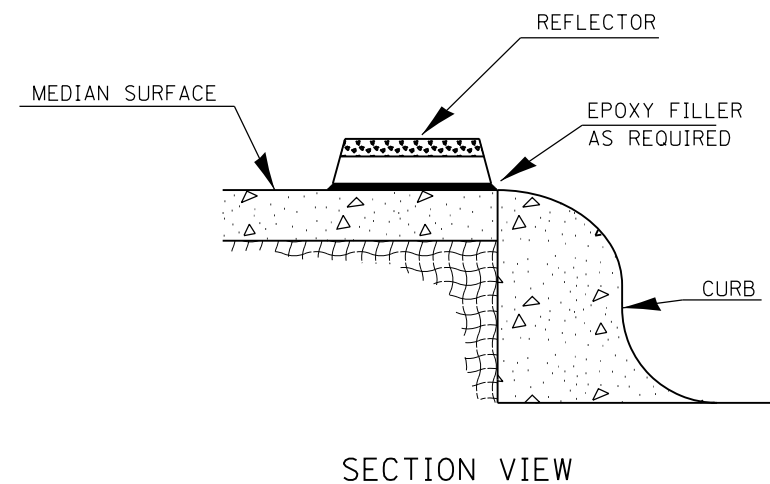
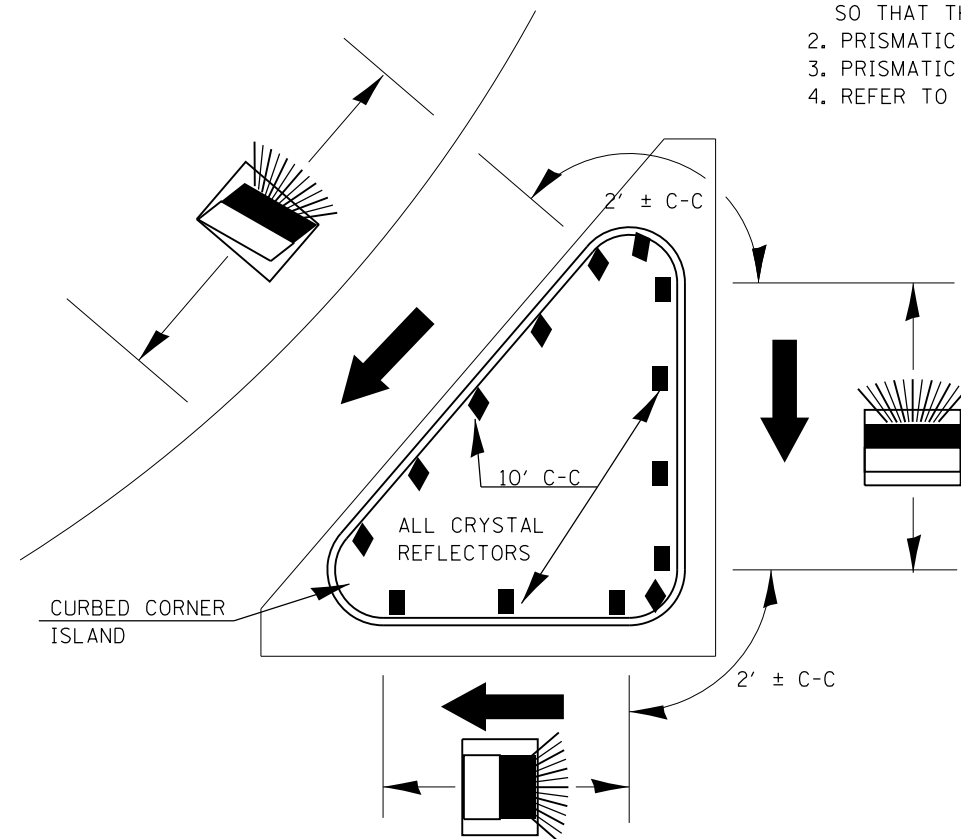
All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	D6 PAVEMENT MARKING STANDARD ENTRANCE RAMP MARKINGS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\sparksgw\d0373645\0672890-sht-district.details.dgn		DRAWN - GWS	REVISED -		SCALE:	SHEET 17 OF 17 SHEETS	STA.	TO STA.	8012	21(W-3, TS-1, RS-7)	SANGAMON	679 469
DBPaveMark	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 72890			
	PLOT DATE = Feb-04-2014 01:49:49PM	DATE - 2013-01	REVISED -		ILLINOIS FED. AID PROJECT							

TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS



1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.
4. REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.



NOT TO SCALE

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -
c:\pwork\pwork\sparksgw\d0373645\0672890-sht-district.details.dgn		DRAWN - CAD	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
D6Pr154	PLOT DATE = Feb-04-2014 01:49:50PM	DATE - 1/24/02	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

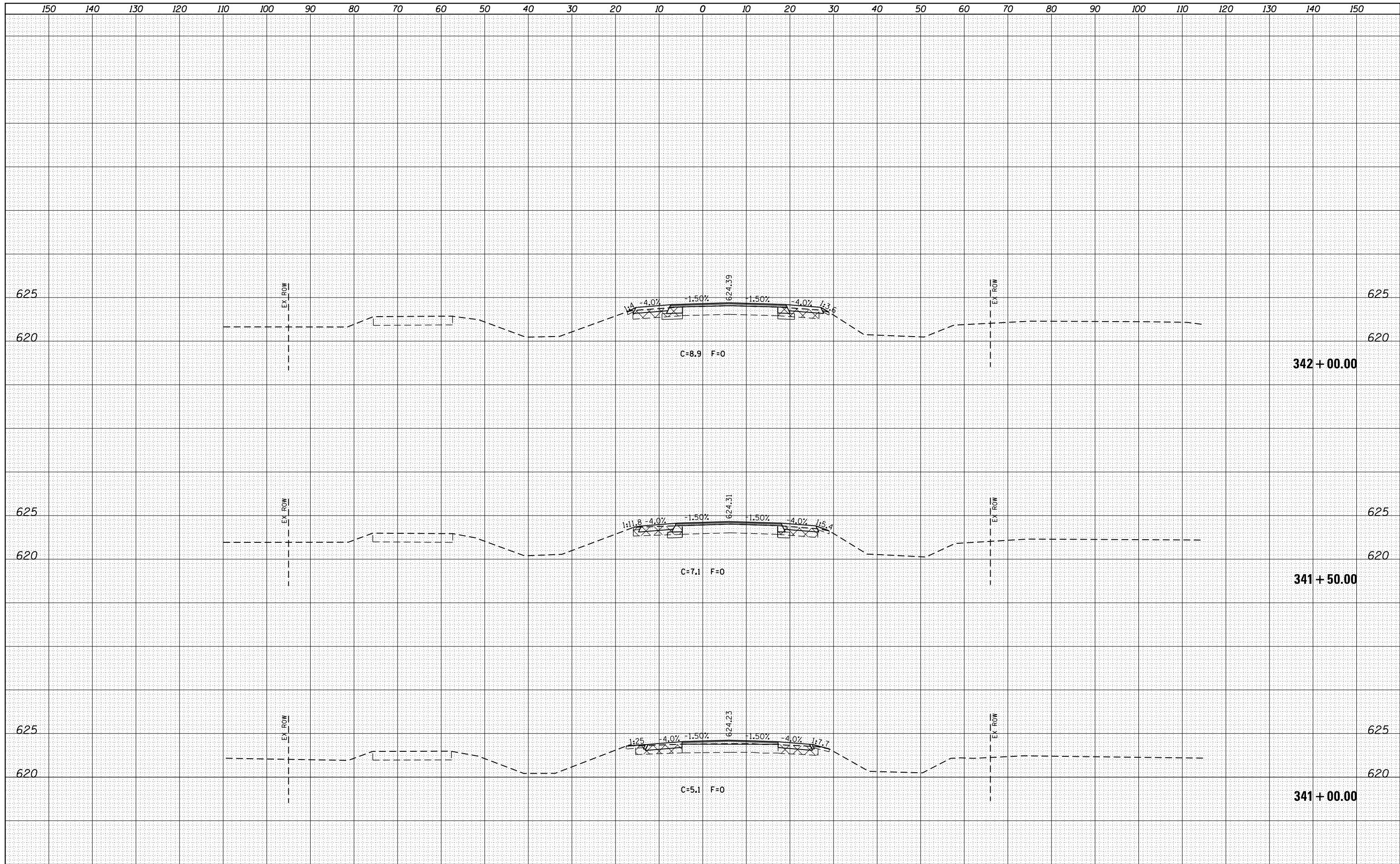
PRISMATIC REFLECTOR DETAILS
(PLACED ON CURB)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	470
CONTRACT NO. 72890			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

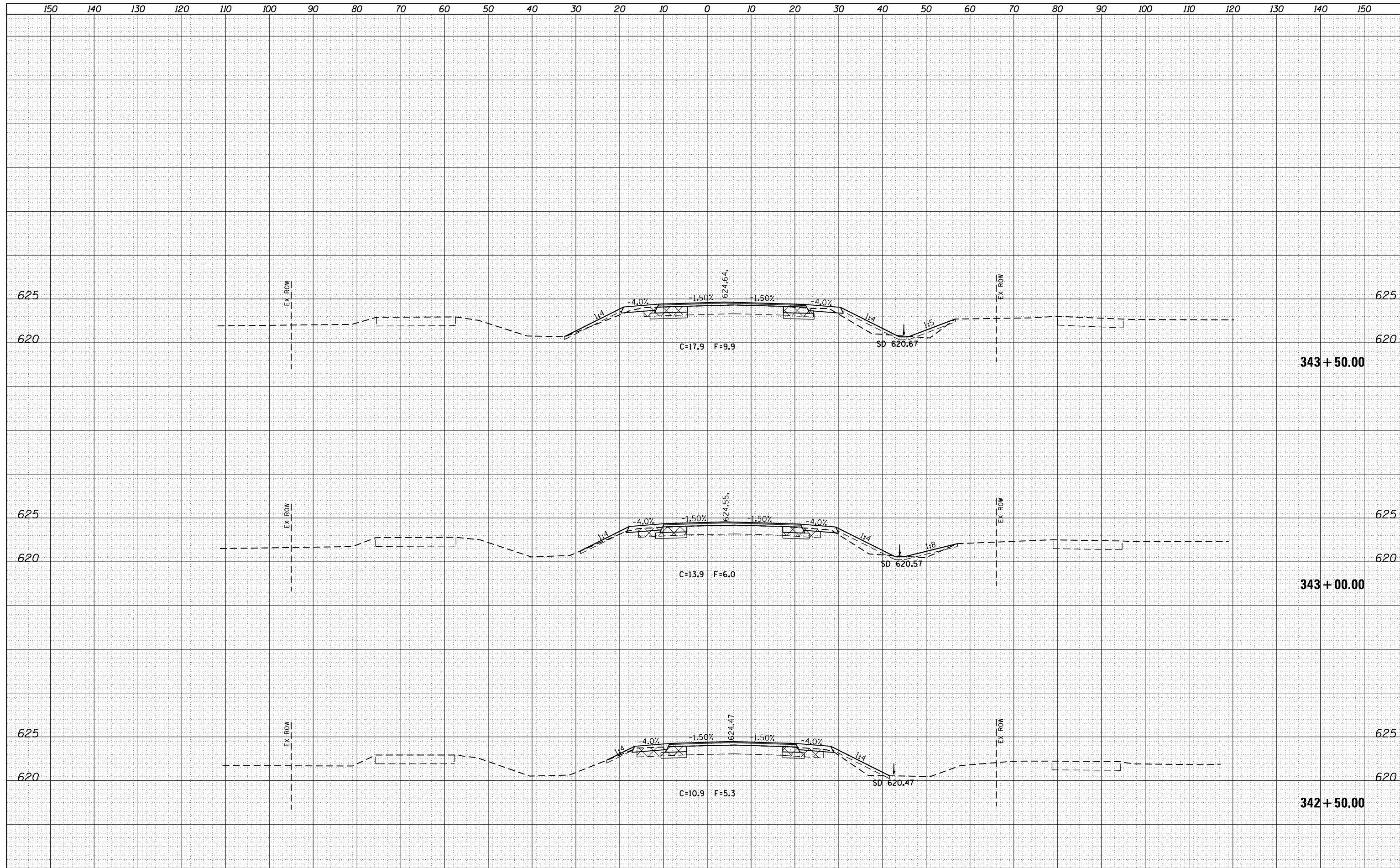


FILE NAME =	USER NAME = sparksq	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p1dot\sparksq\ad0373645\0672890-sh	xsht-wabash.dgn	DRAWN - TJD	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	472
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:49:56PM	DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=10'H, 5'V SHEET 2 OF 124 SHEETS STA. 341+00.00 TO STA. 342+00.00

FINAL SURVEY	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



FILE NAME =
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 Default

USER NAME = spksgw
 DESIGNED - AWM
 DRAWN - TJD
 CHECKED - AWM
 PLOT DATE = Feb-04-2014 01:49:58PM

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WABASH AVENUE
 CROSS SECTIONS**

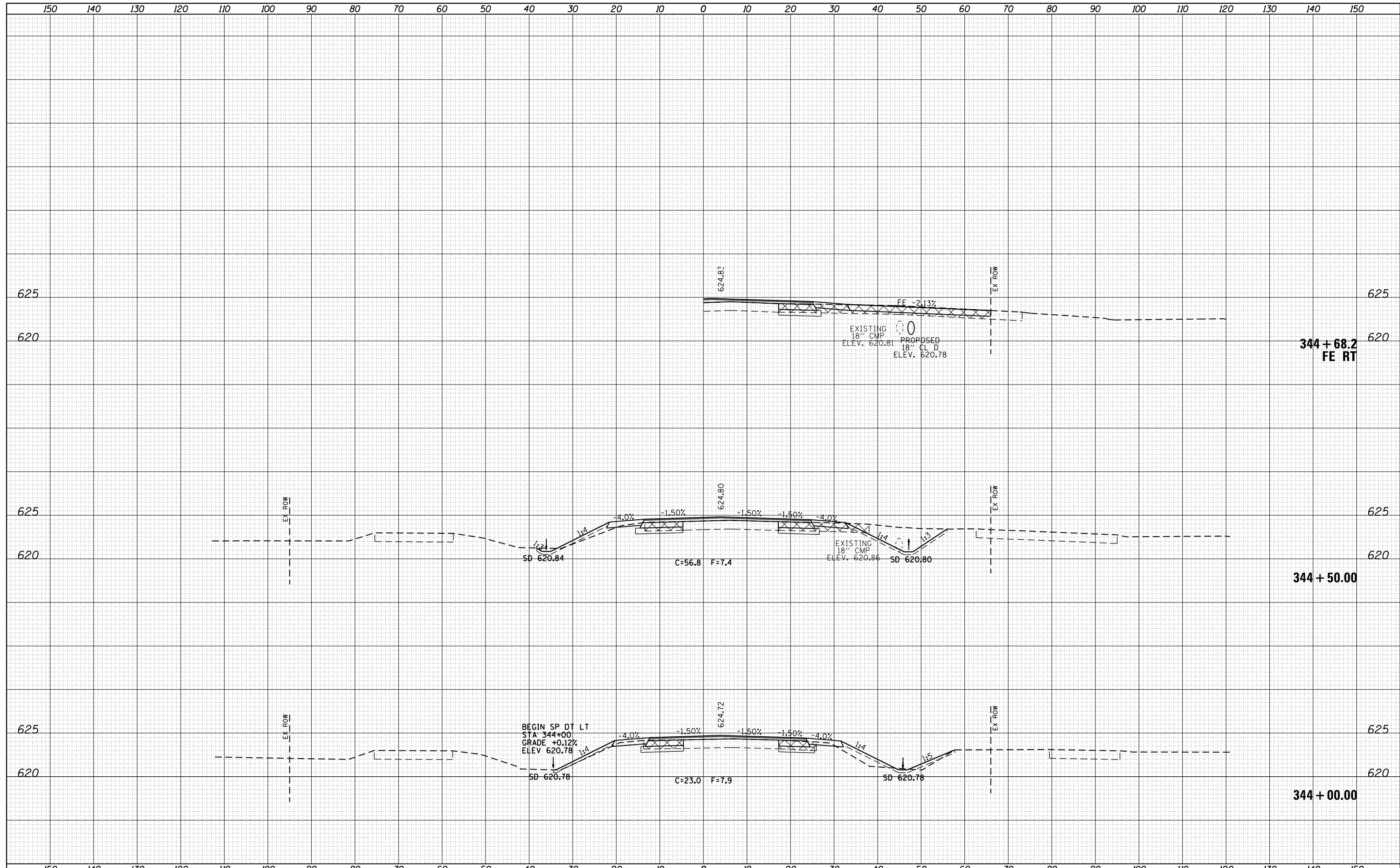
SCALE: 1"=10'H, 5'V SHEET 3 OF 124 SHEETS STA. 342+50.00 TO STA. 343+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(W-3, TS-1, RS-7)	SANGAMON	679	473
			CONTRACT NO. 72890	

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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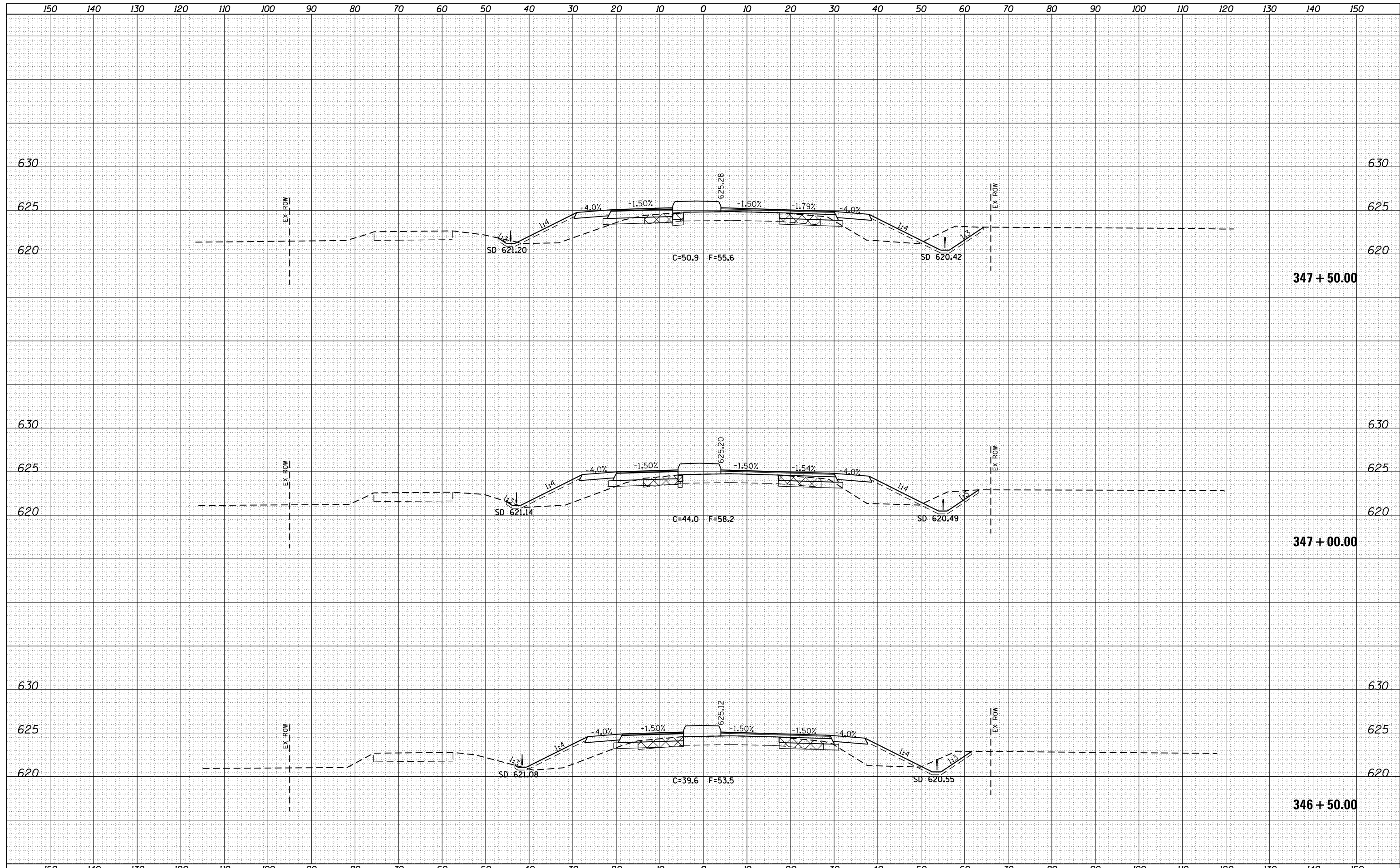
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = sparksq	DESIGNED - AWM	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksq\ad0373645\0672890-sh	xsht-wabash.dgn	DRAWN - TJD	REVISIED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	474
PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISIED -	SCALE: 1"=10'H, 5'V			SHEET 4	OF 124 SHEETS	STA. 344+00.00	TO STA. 344+68.2	CONTRACT NO. 72890
Default	PLOT DATE = Feb-04-2014 01:49:59PM	DATE - 12/04/2013	REVISIED -			ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

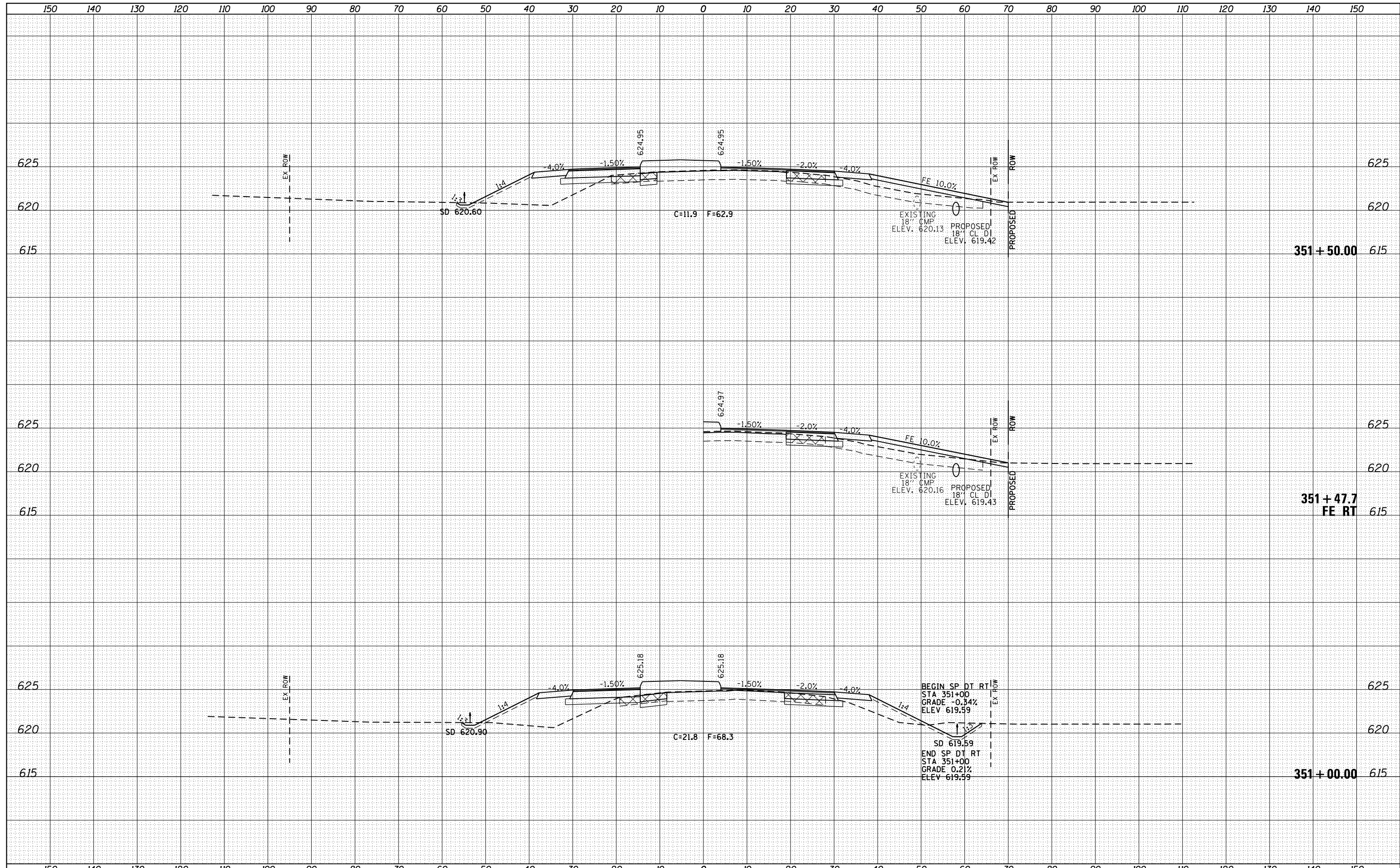


FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\sparksgw\ad0373645\0672890-sh	DRAWN - TJD	REVISED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	476	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:50:01PM	DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=10'H, 5'V SHEET 6 OF 124 SHEETS STA. 346+50.00 TO STA. 347+50.00

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

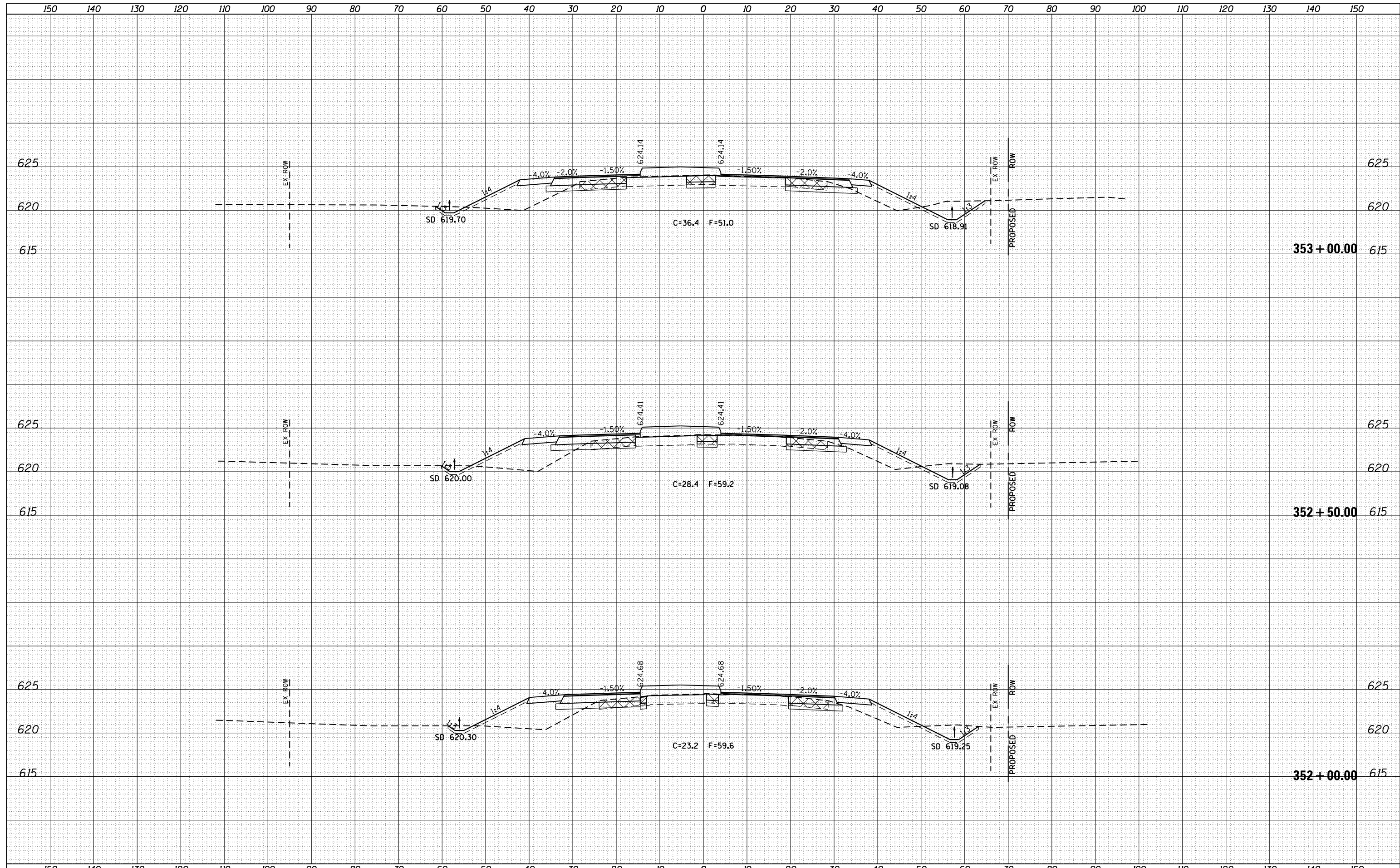
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = sparksq	DESIGNED - AWM	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\sparksq\ad0373645\0672890-sh	DRAWN - TJD	REVISIED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	479	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISIED -			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:50:05PM	DATE - 12/04/2013	REVISIED -			SCALE: 1"=10'H, 5'V SHEET 9 OF 124 SHEETS STA. 351+00.00 TO STA. 351+50.00				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

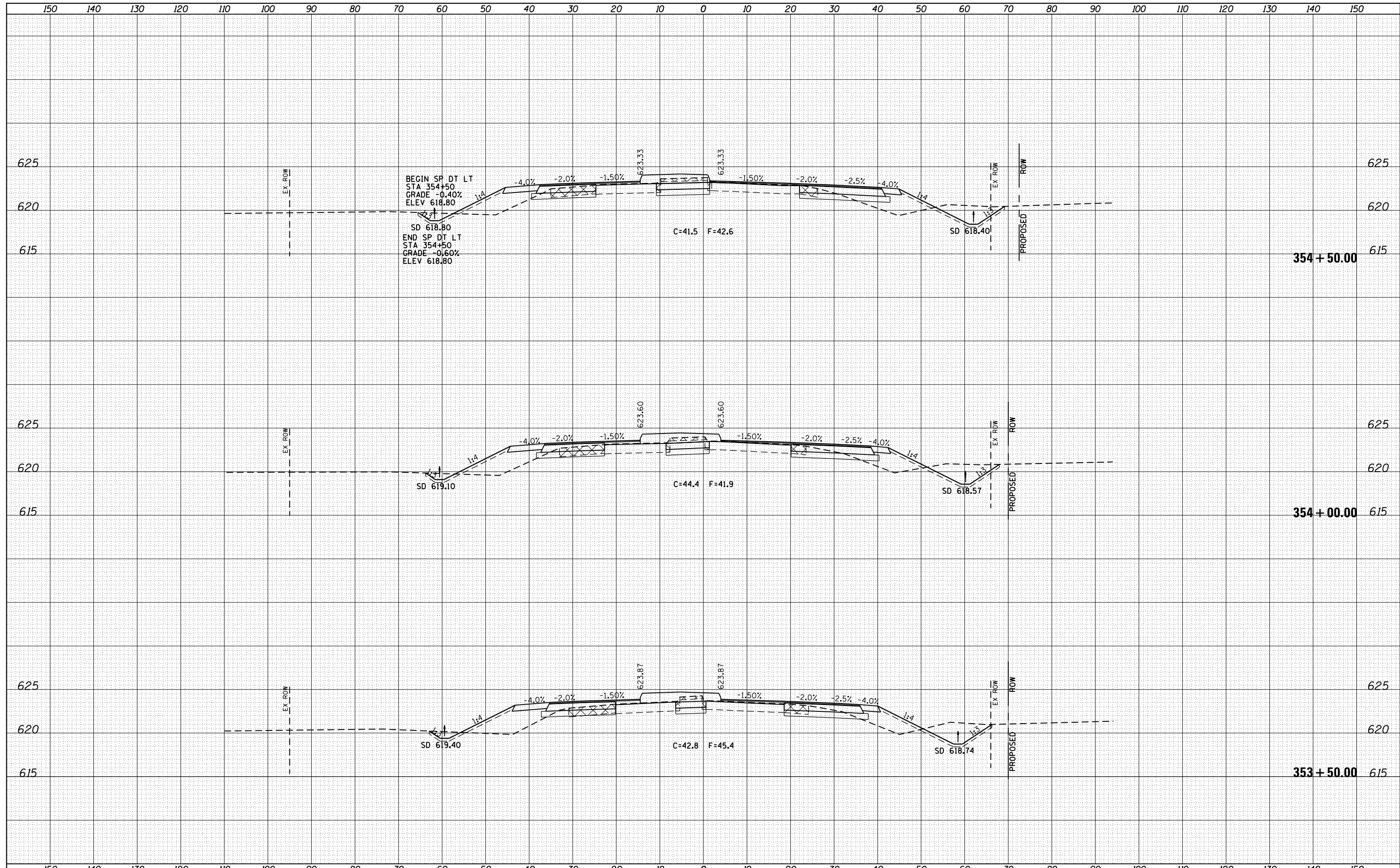
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\sparksgw\ad0373645\0672890-sh	DRAWN - TJD	REVISIED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	480	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISIED -			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:50:06PM	DATE - 12/04/2013	REVISIED -			ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

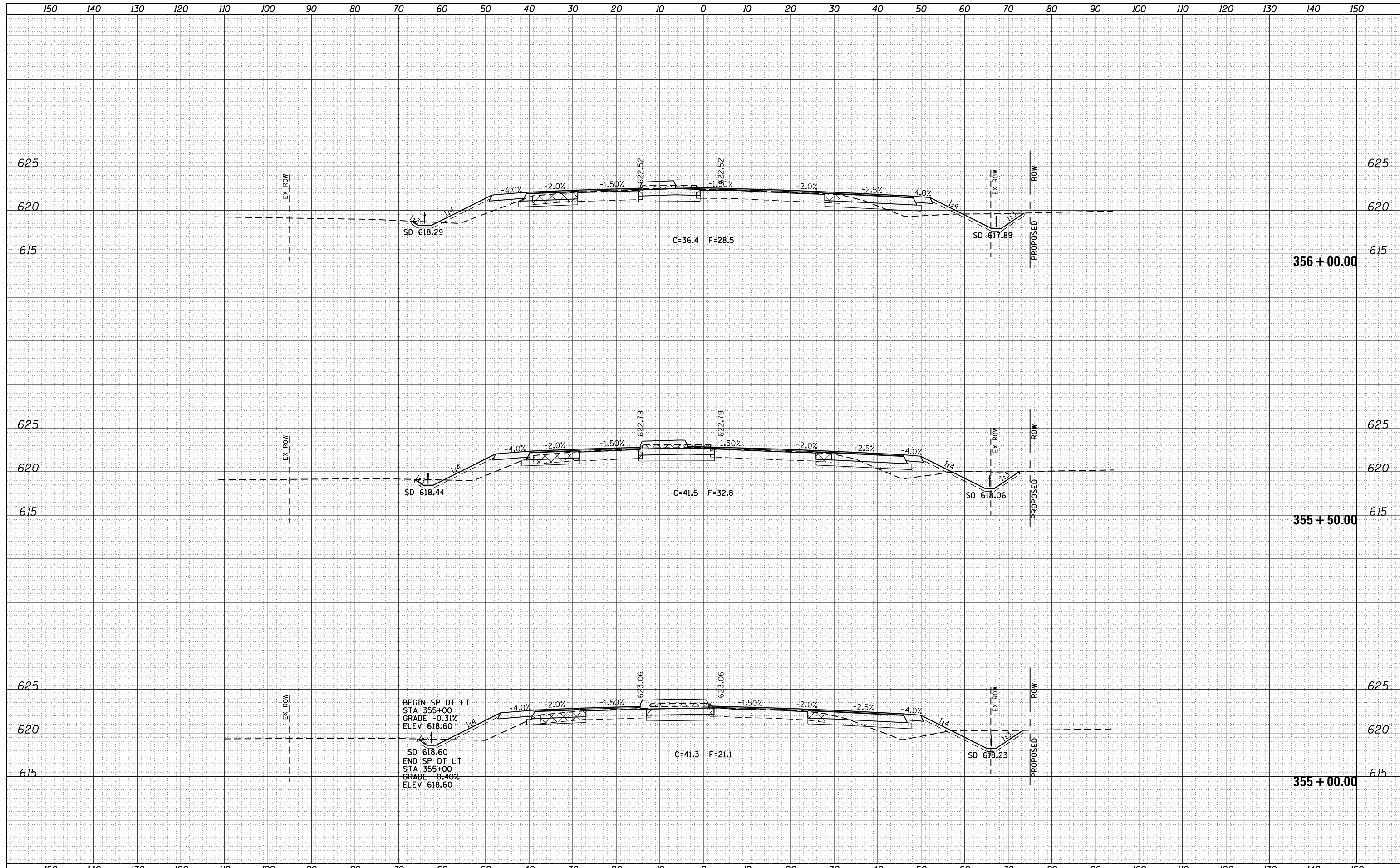
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = sparksq	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p1dot\sparksq\10373645\0672890-sh	DESIGNED - TJD	REVISED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	481	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890		ILLINOIS FED. AID PROJECT		
	PLOT DATE = Feb-04-2014 01:50:07PM	DATE - 12/04/2013	REVISED -			SCALE: 1"=10'H, 5'V	SHEET 11 OF 124 SHEETS	STA. 353+50.00 TO STA. 354+50.00		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

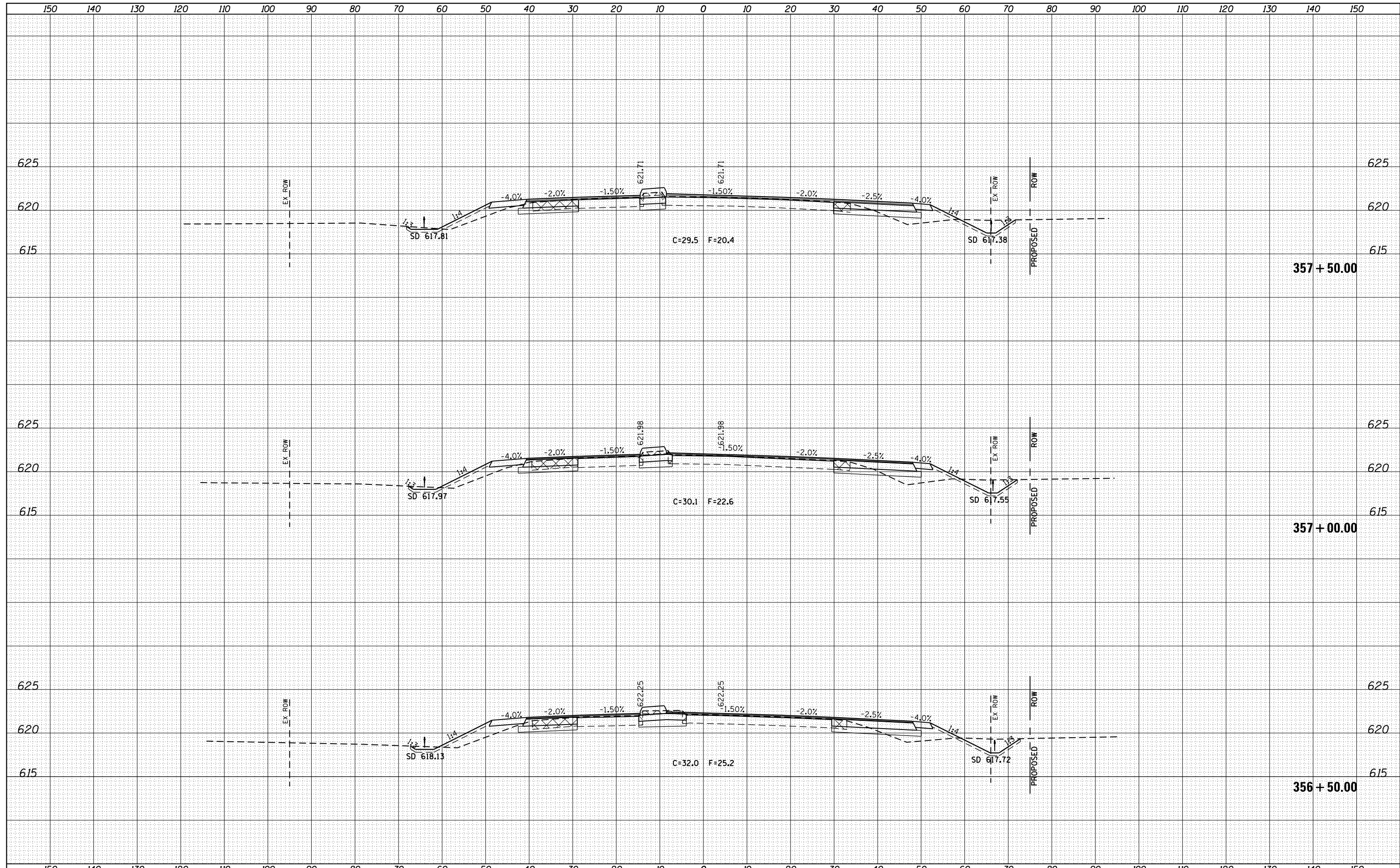
DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 20.0000' / in.	CHECKED - AWM	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	482	
	PLOT DATE = Feb-04-2014 01:50:09PM	DATE - 12/04/2013	REVISED -			CONTRACT NO. 72890		ILLINOIS FED. AID PROJECT			
						SCALE: 1"=10'H, 5'V	SHEET 12 OF 124 SHEETS	STA. 355+00.00 TO STA. 356+00.00			

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
	CHECKED

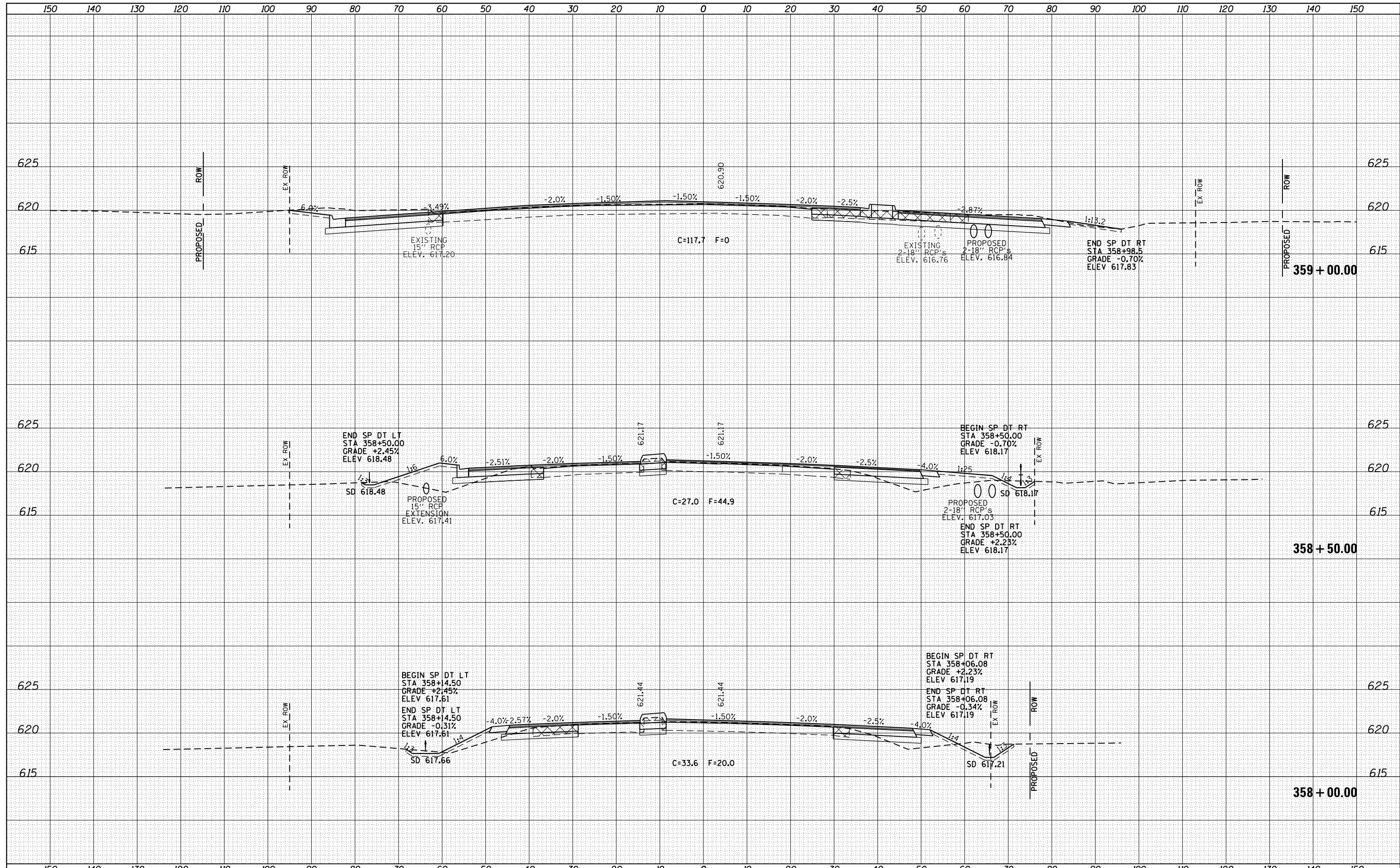


FILE NAME =	USER NAME = sparksq	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pw\work\p\dot\sparksq\ad373645\0672890-sh	DRAWN - TJD	REVIS	REVIS			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	483	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVIS			CONTRACT NO. 72890					
	PLOT DATE = Feb-04-2014 01:50:10PM	DATE - 12/04/2013	REVIS			ILLINOIS FED. AID PROJECT					

SCALE: 1"=10'H, 5'V SHEET 13 OF 124 SHEETS STA. 356+50.00 TO STA. 357+50.00

DATE	
BY	
FINAL SURVEY	
NO. _____	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

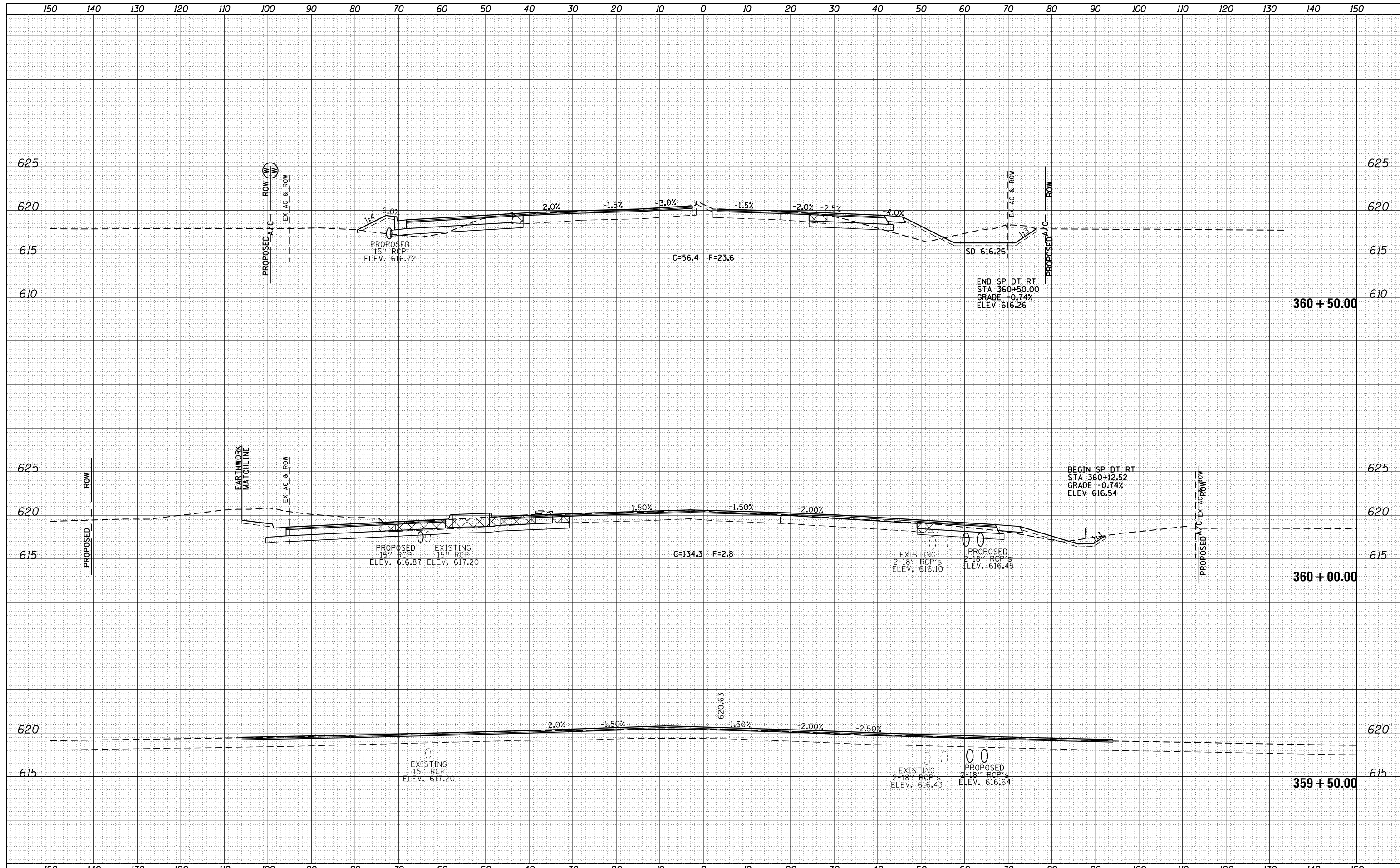
DATE	
BY	
ORIGINAL SURVEY	
NO. _____	
SURVEYED	
PLOTTED	
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FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\sparksgw\ad0373645\0672890-shd-xssht-Wabash.dgn	DRAWN - TJD	REVISED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	484	
PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -	CONTRACT NO. 72890							
PLOT DATE = Feb-04-2014 01:50:11PM	DATE - 12/04/2013	REVISED -	ILLINOIS FED. AID PROJECT							
Default				SCALE: 1"=10'H, 5'V	SHEET 14 OF 124 SHEETS	STA. 358+00.00 TO STA. 359+00.00				

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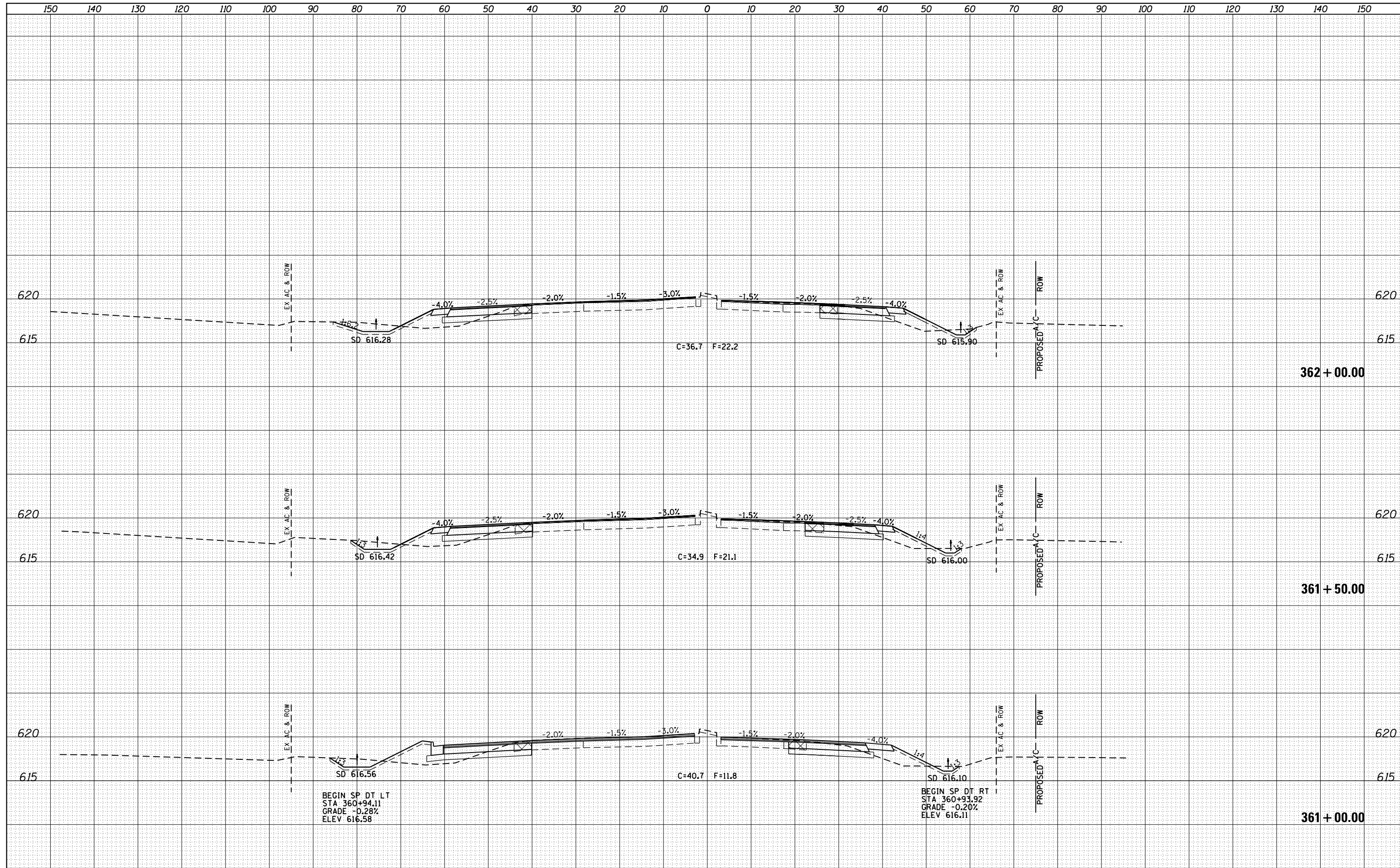


FILE NAME =	USER NAME = sparksq	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\sparksq\ad373645\0672890-sh\ssht-Wabash.dgn	DRAWN - TJD	REVISIED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	485	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISIED -			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:50:12PM	DATE - 12/04/2013	REVISIED -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=10'H, 5'V SHEET 15 OF 124 SHEETS STA. 359+50.00 TO STA. 360+50.00

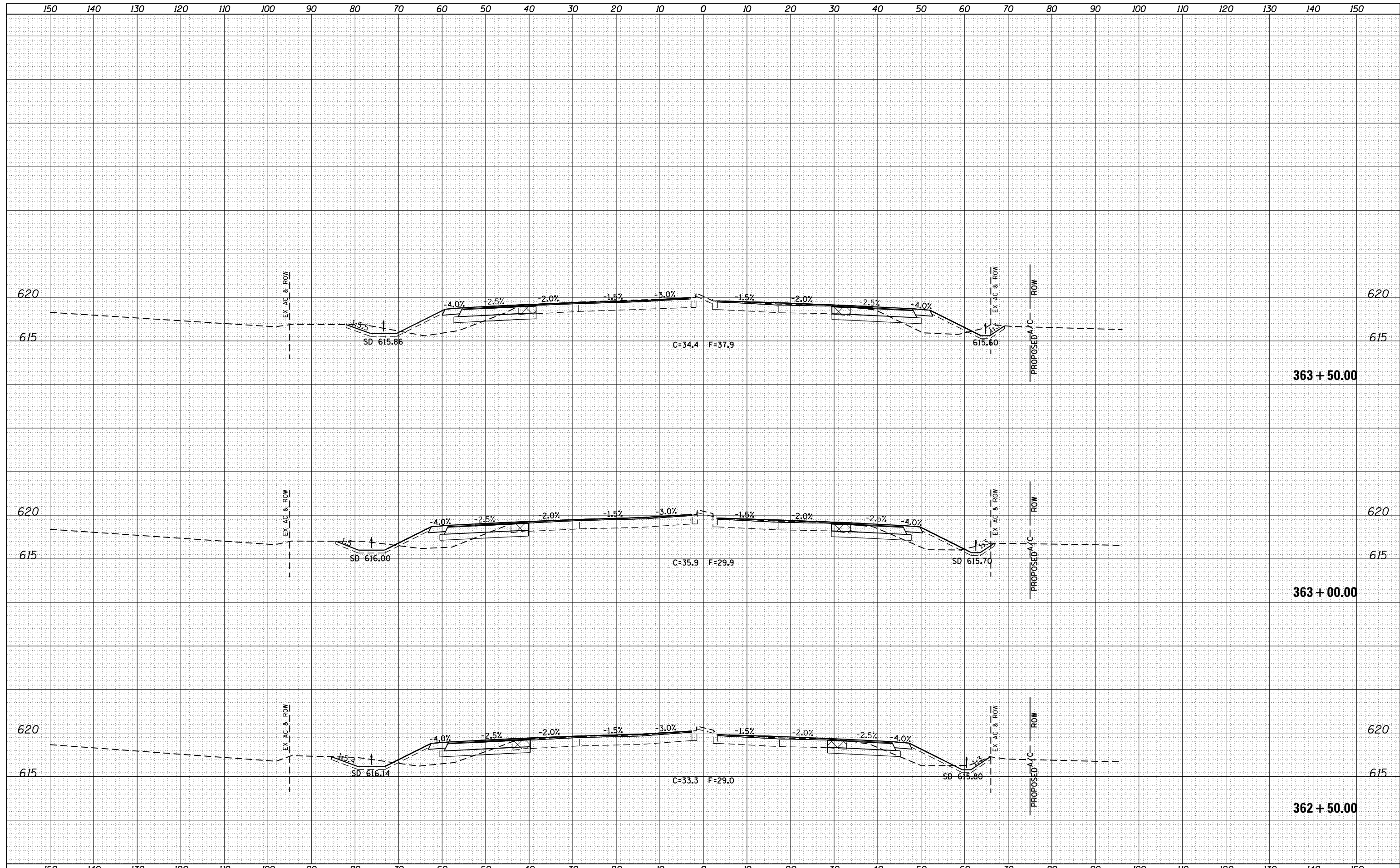
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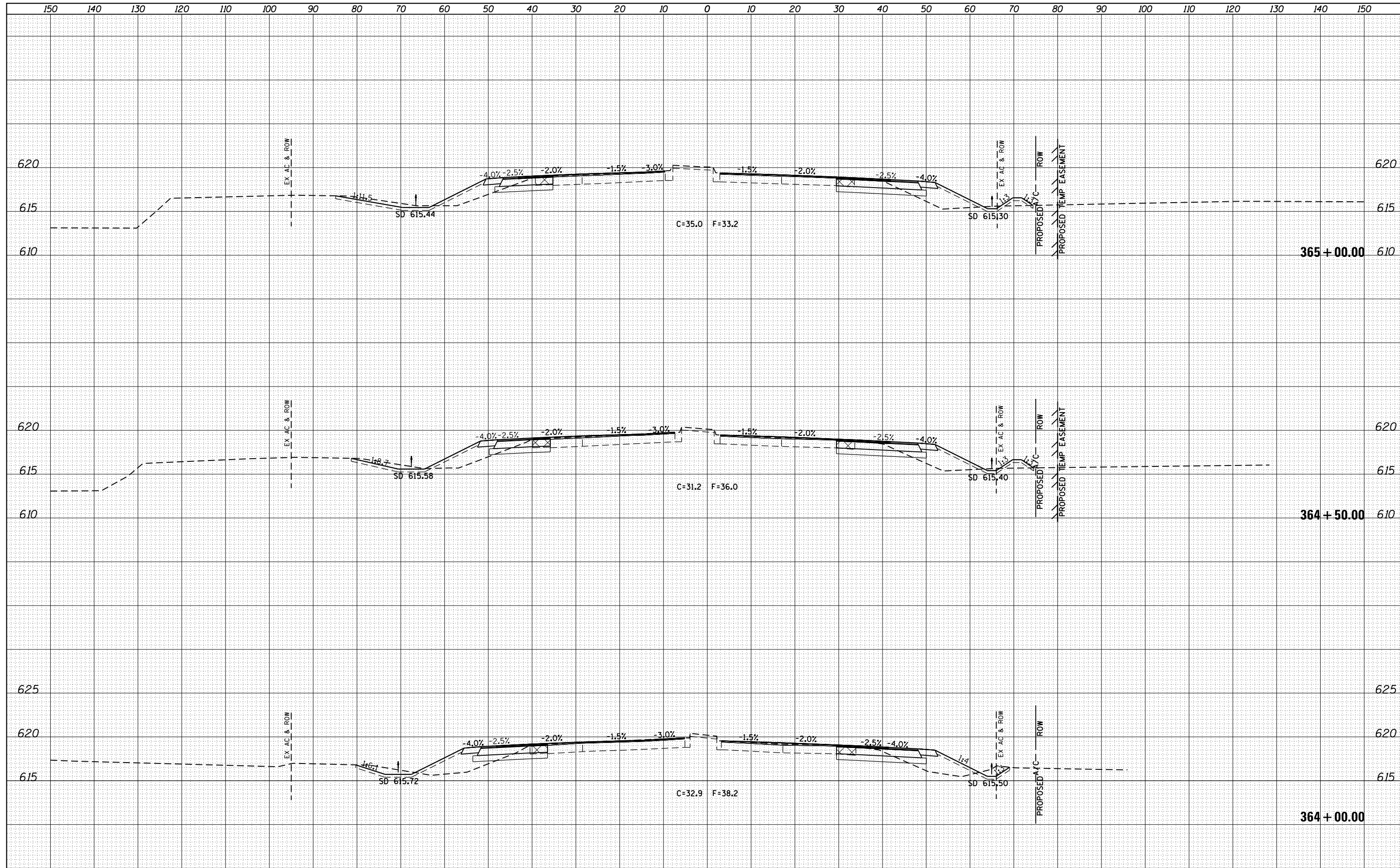
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FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	es:\pw\work\p1dot\sparksgw\ad0373645\0672890-shd-xssht-Wabash.dgn	DRAWN - TJD	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	487
		PLLOT SCALE = 20.0000' / in.	CHECKED - AWM			REVISED -				CONTRACT NO. 72890
		PLLOT DATE = Feb-04-2014 01:50:15PM	DATE - 12/04/2013			REVISED -	SCALE: 1"=10'H, 5'V	SHEET 17	OF 124 SHEETS	STA. 362+50.00 TO STA. 363+50.00

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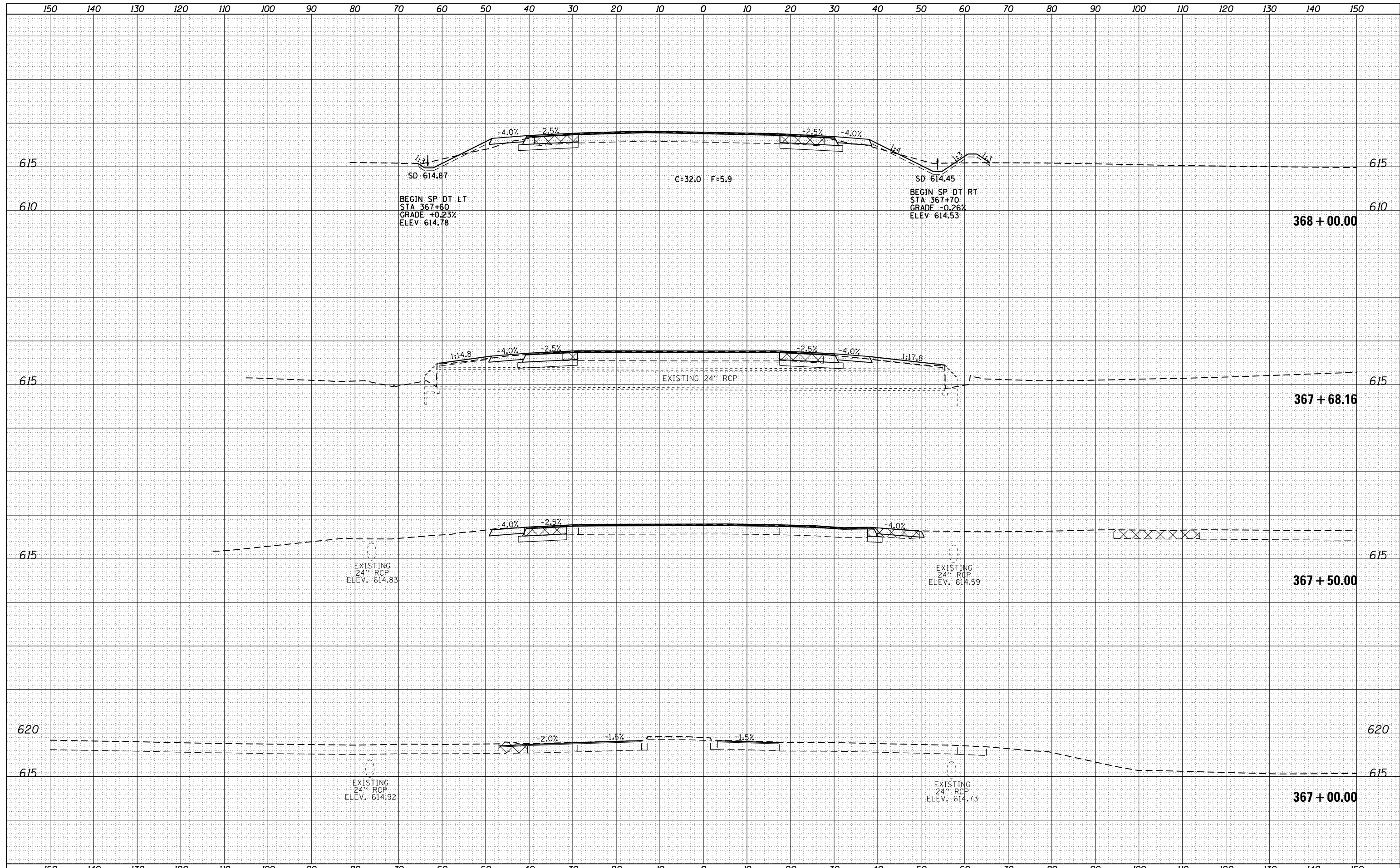


FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	es:\pw\work\p\dot\sparksgw\ad0373645\0672890-sh\ts\ssht-Wabash.dgn	DRAWN - TJD	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	488	
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	PLOT DATE = Feb-04-2014 01:50:16PM	DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1"=10'H, 5'V SHEET 18 OF 124 SHEETS STA. 364+00.00 TO STA. 365+00.00

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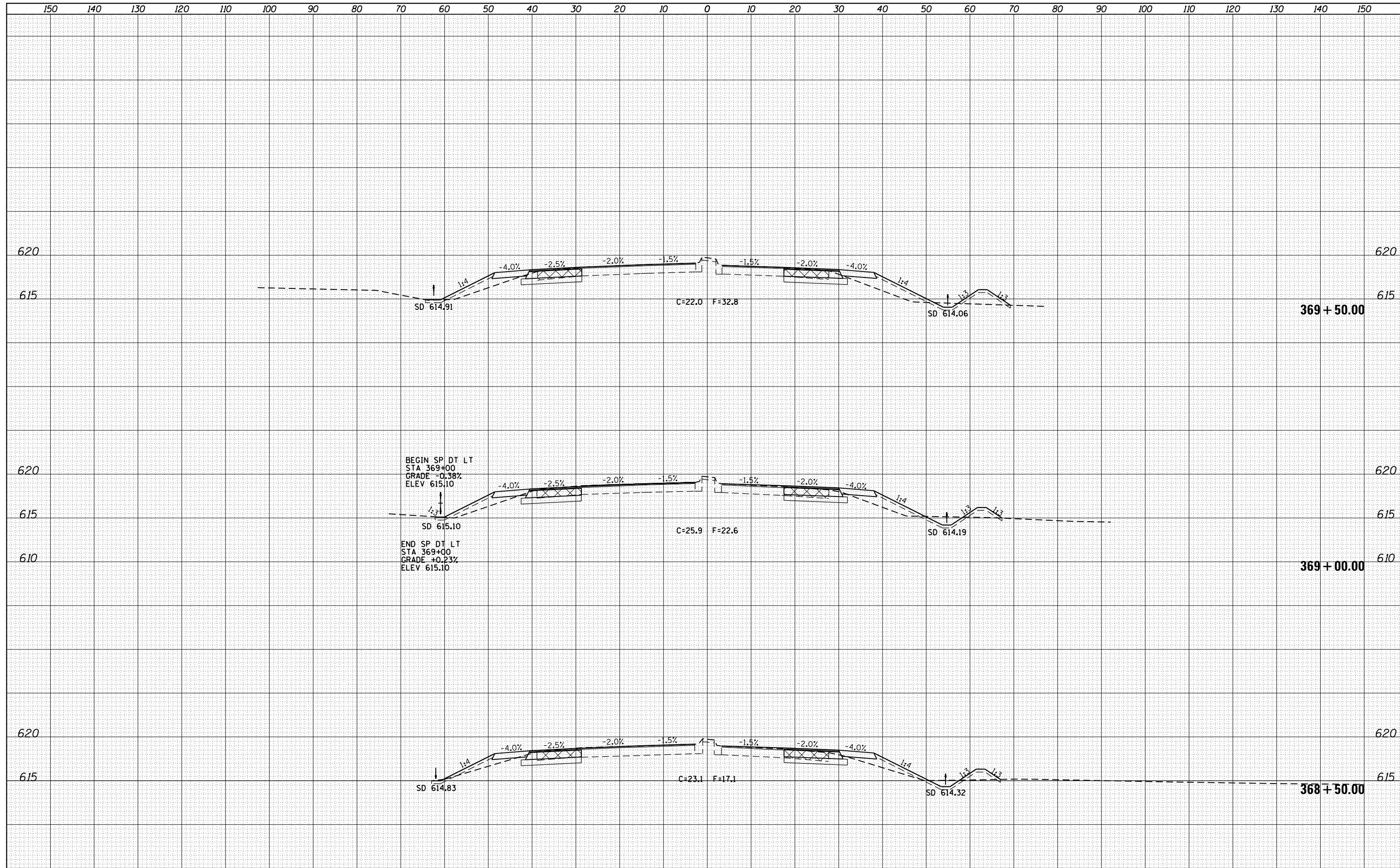


FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	es:\pw\work\p\dot\sparksgw\ad0373645\0672890-sh\ssht-Wabash.dgn	DRAWN - TJD	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	490	
	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890					
	PLOT DATE = Feb-04-2014 01:50:19PM	DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT					

SCALE: 1"=10'H, 5'V SHEET 20 OF 124 SHEETS STA. 367+00.00 TO STA. 368+00.00

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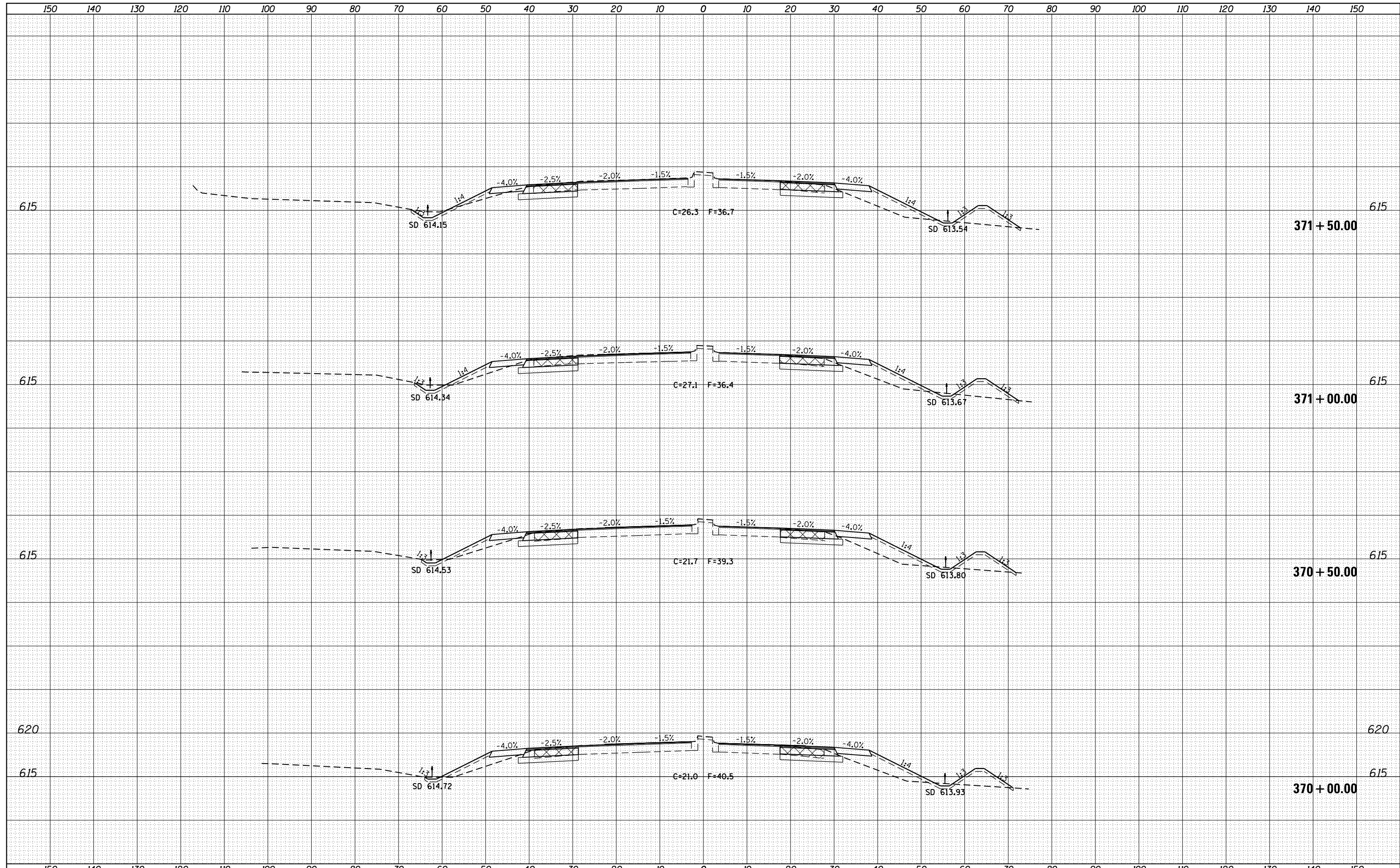
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FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	es:\pw\work\p\dot\sparksgw\ad0373645\0672890-shd-xssht-Wabash.dgn	DRAWN - TJD	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	491	
	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890					
	PLOT DATE = Feb-04-2014 01:50:20PM	DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT					

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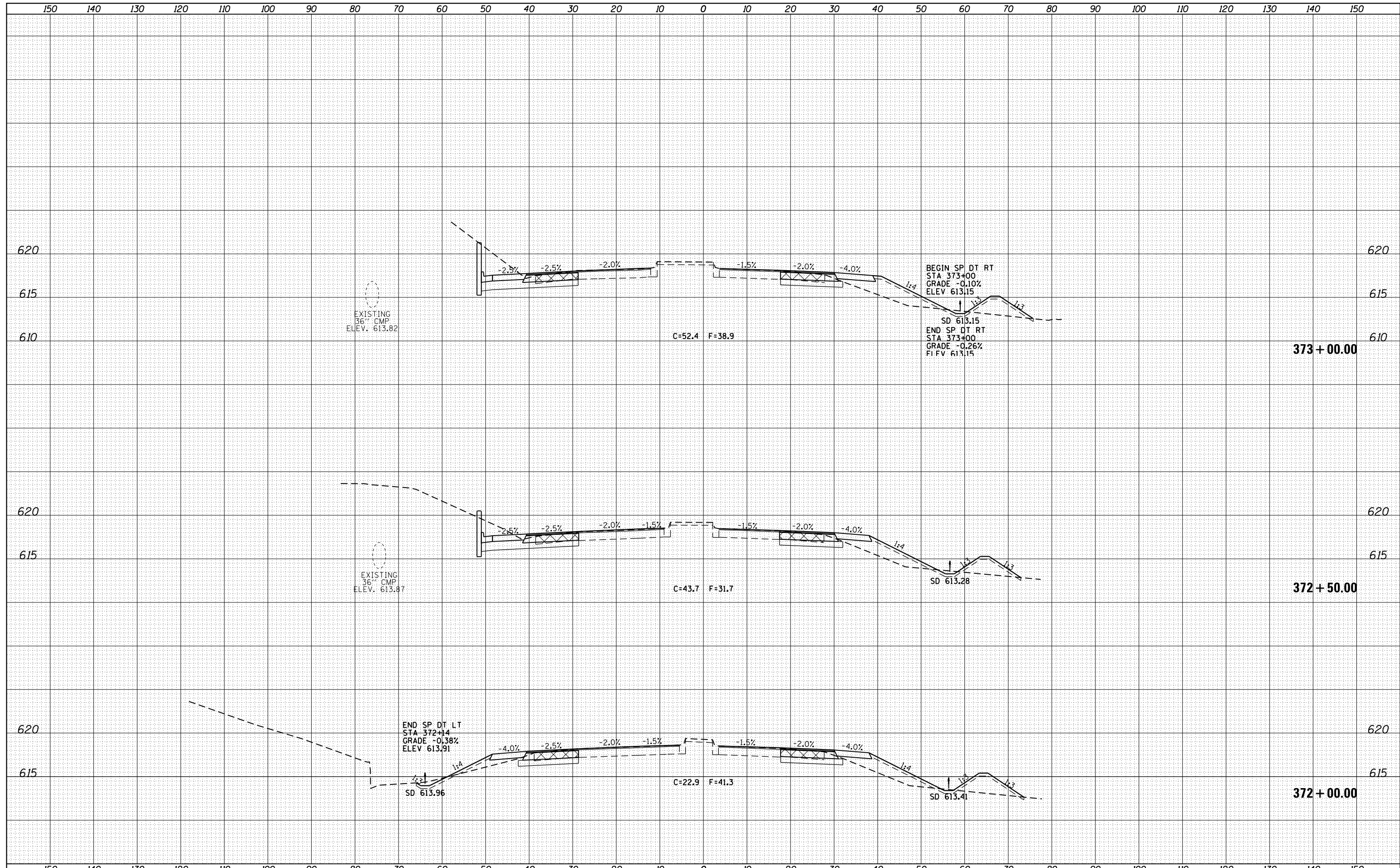
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FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\dot\sparksgw\ad0373645\0672890-sh	DRAWN - TJD	REVISIED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	492	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISIED -			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:50:21PM	DATE - 12/04/2013	REVISIED -			ILLINOIS FED. AID PROJECT				
SCALE: 1"=10'H, 5'V						SHEET 22 OF 124 SHEETS		STA. 370+00.00 TO STA. 371+50.00		

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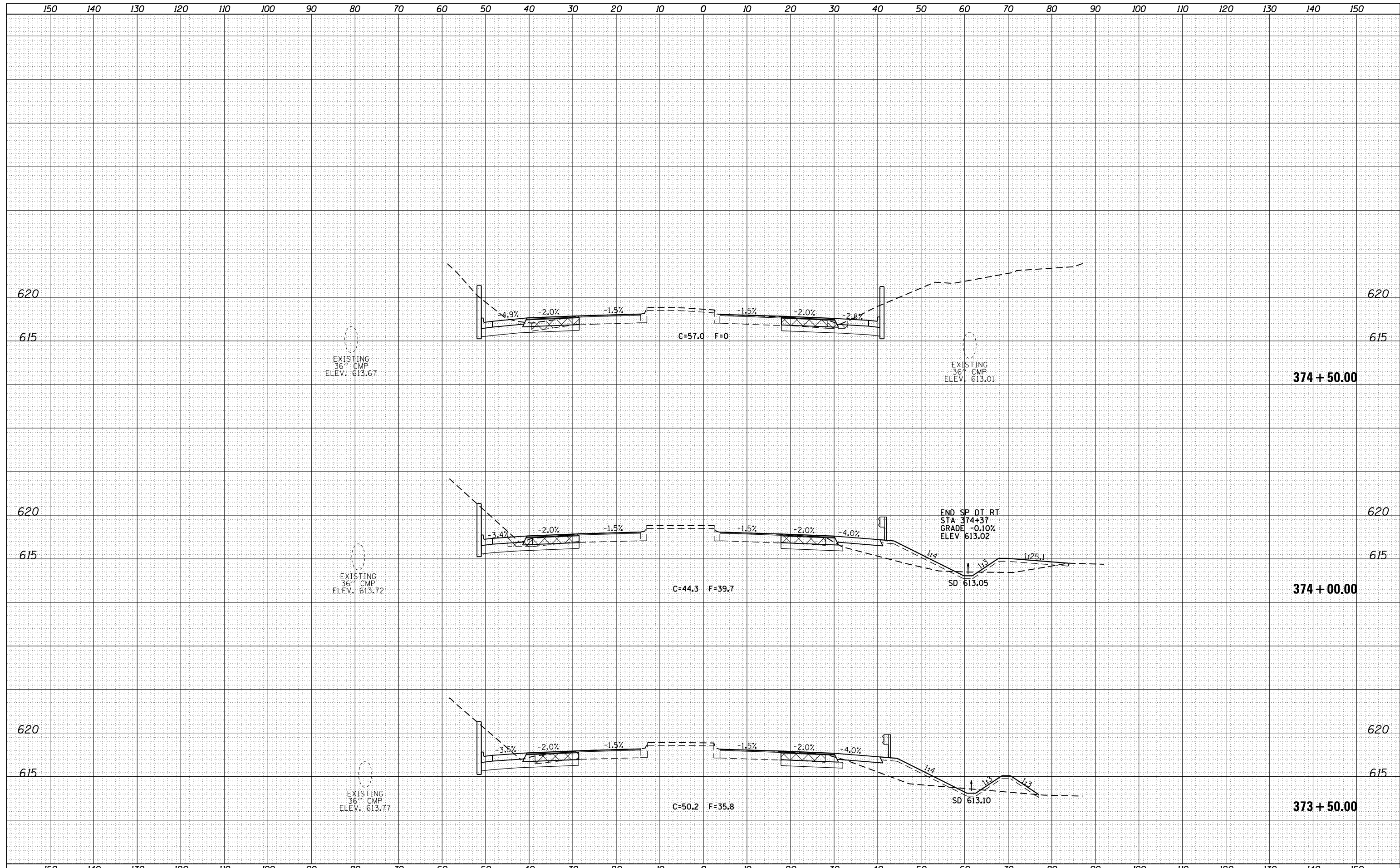


FILE NAME =	USER NAME = spksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw\work\p\dot\spksgw\ad0373645\0672890-shr-xssht-Wabash.dgn	DRAWN - TJD	REVISED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	493	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:50:22PM	DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=10'H, 5'V SHEET 23 OF 124 SHEETS STA. 372+00.00 TO STA. 373+00.00

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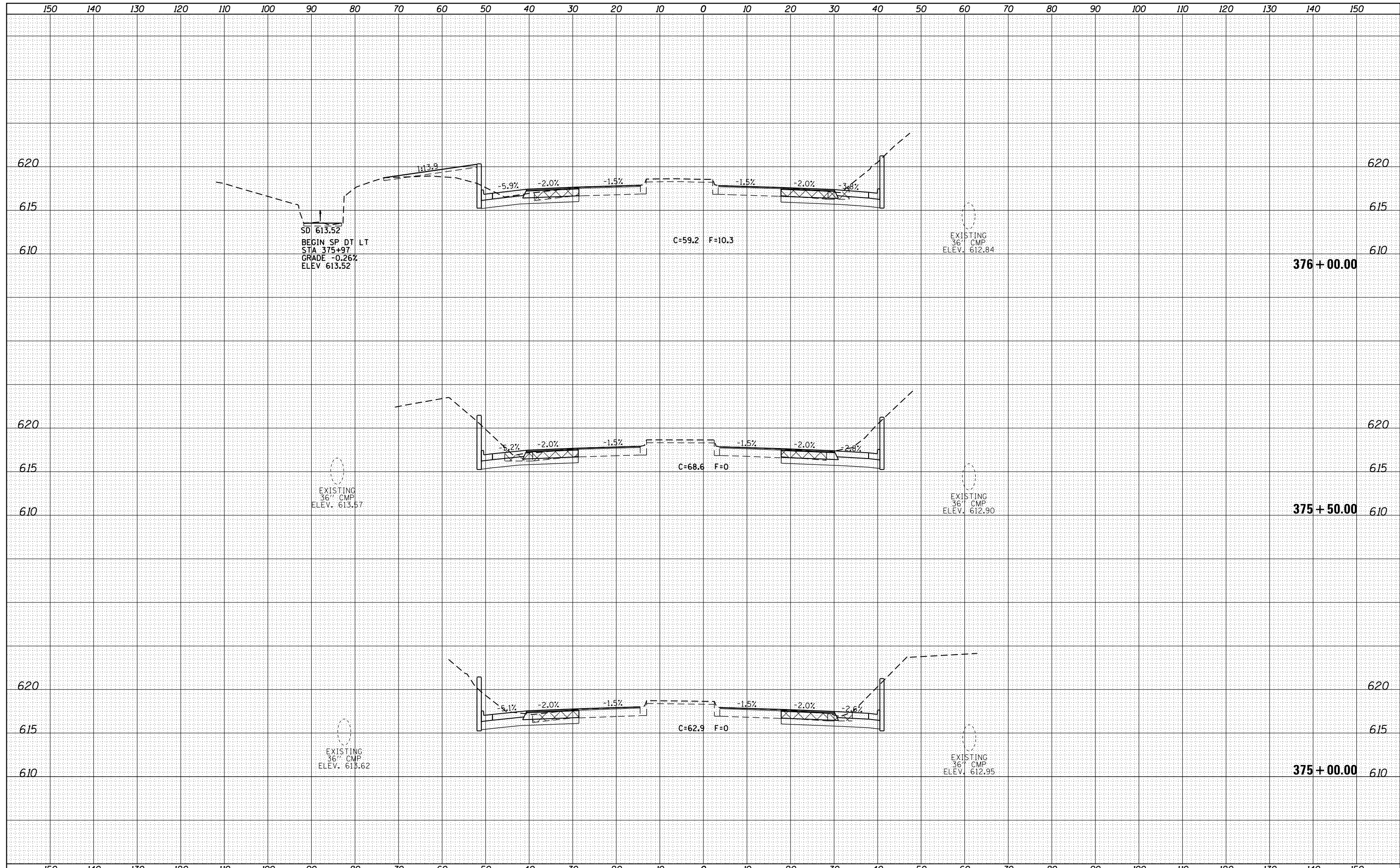


FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	es:\pw\work\p\dot\sparksgw\ad0373645\0672890-shd-xssht-Wabash.dgn	DRAWN - TJD	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	494	
	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890					
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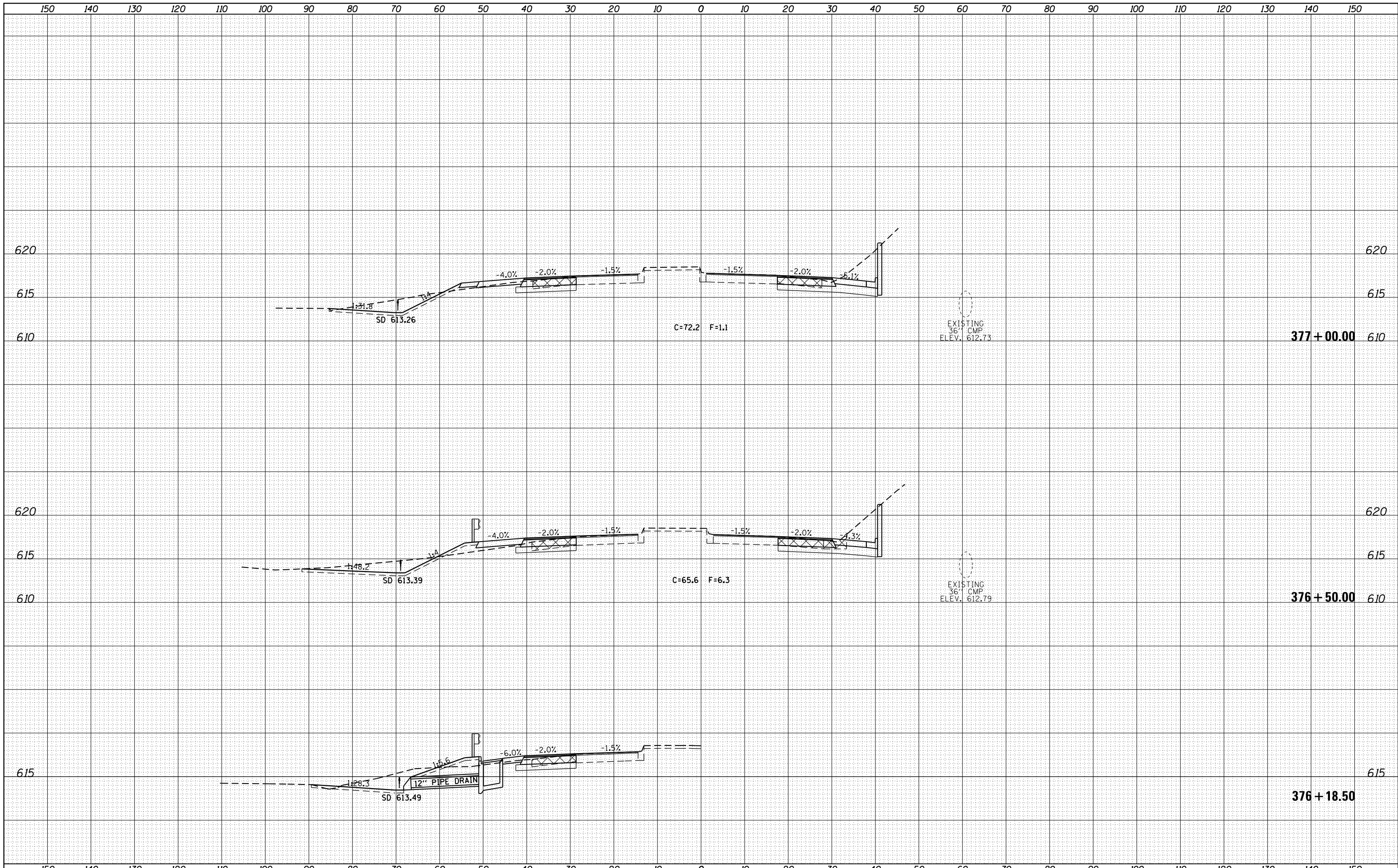
SCALE: 1"=10'H, 5'V SHEET 24 OF 124 SHEETS STA. 373+50.00 TO STA. 374+50.00

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FILE NAME =	USER NAME = sparksq	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 20.0000' / in.	CHECKED - AWM	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	495	
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						ILLINOIS FED. AID PROJECT					



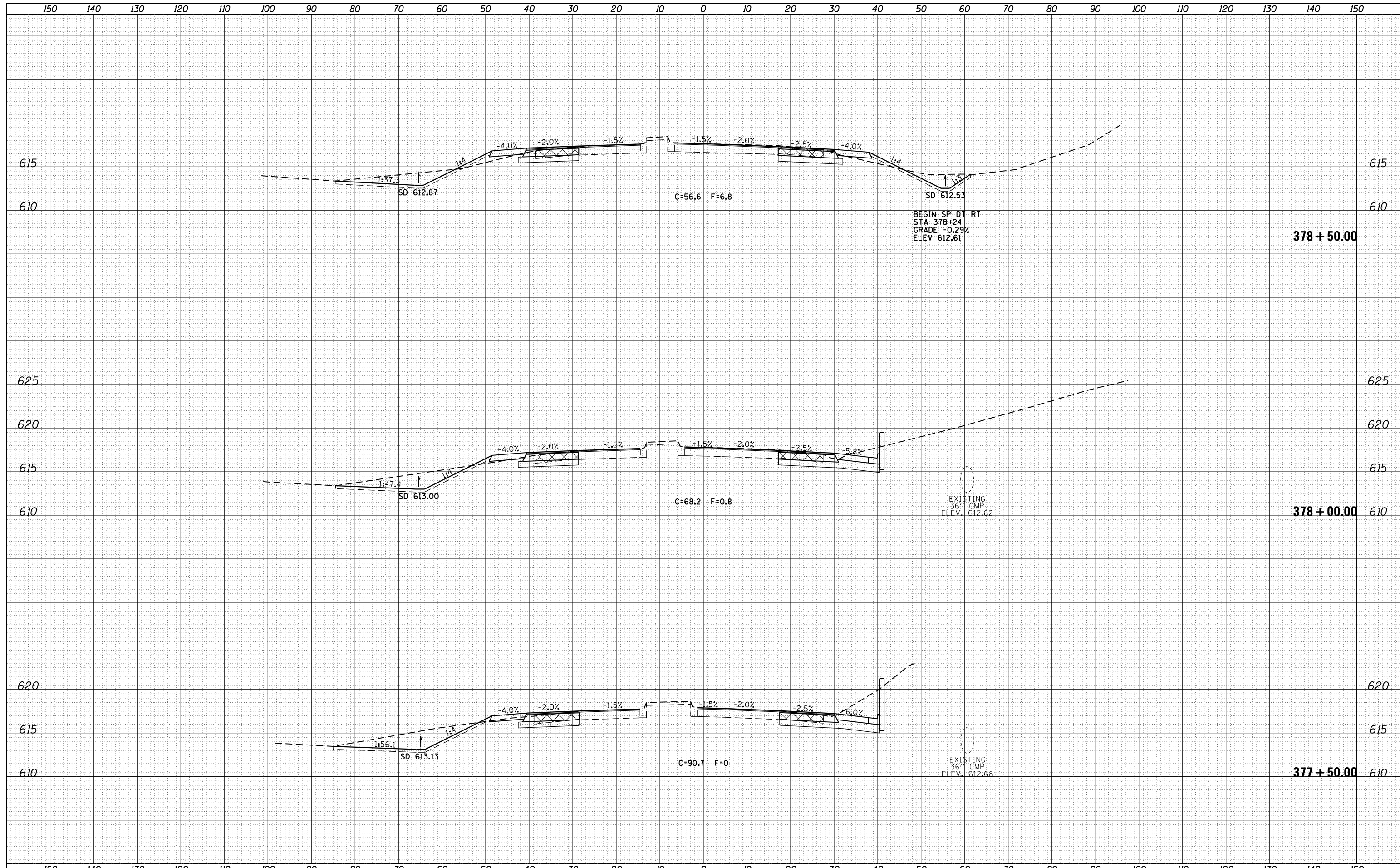
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FILE NAME =	USER NAME = sparksq	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\p\dot\sparksq\ad0373645\0672890-shr-ssht-Wabash.dgn	DRAWN - TJD	REVISED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	496		
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890					
	PLOT DATE = Feb-04-2014 01:50:26PM	DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE: 1"=10'H, 5'V						SHEET 26	OF 124 SHEETS	STA. 376+18.50	TO STA. 377+00.00		

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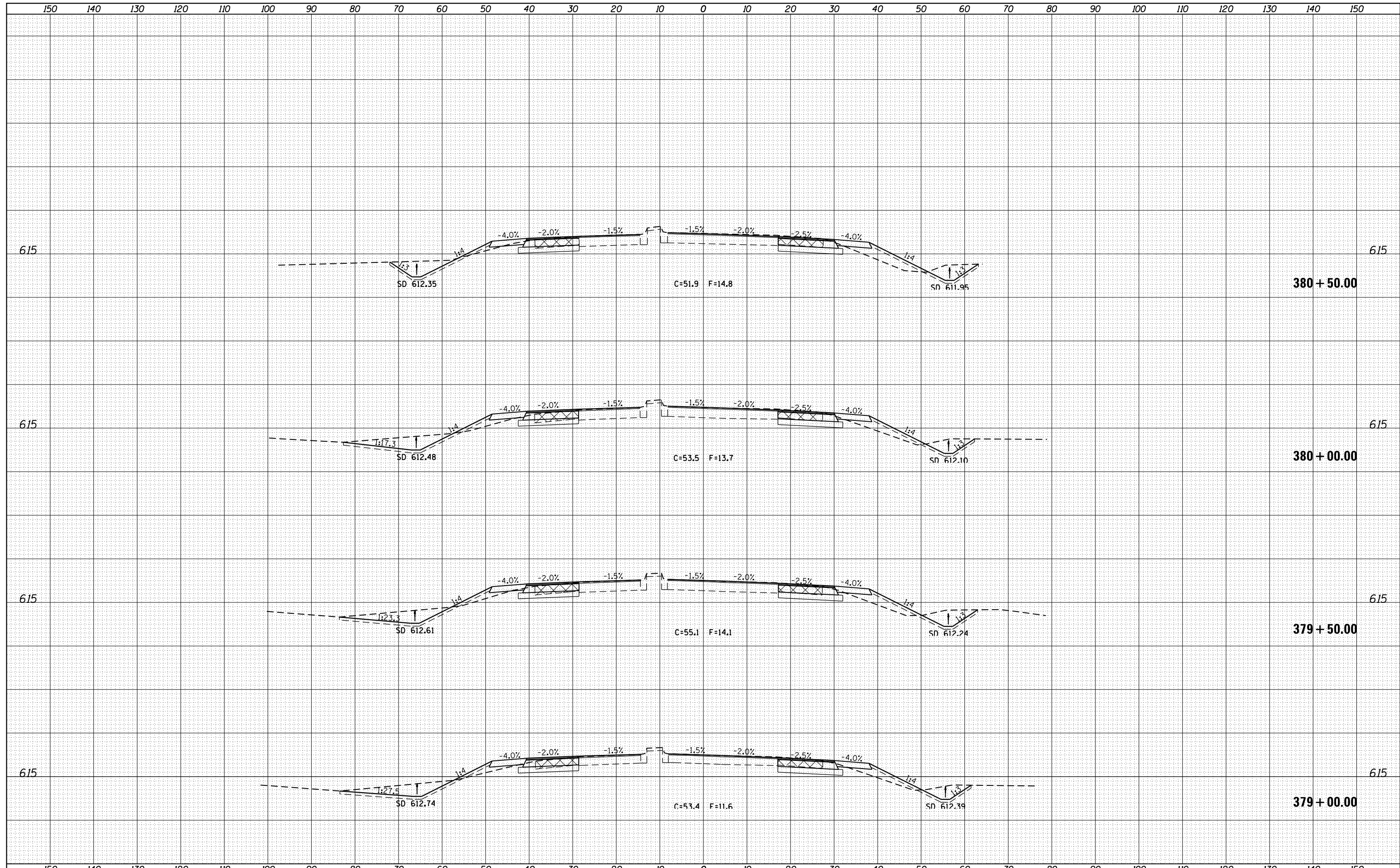
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FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\sparksgw\d0373645\0672890-sh	DRAWN - TJD	REVIS	REVIS			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	497
Default	PLLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVIS			CONTRACT NO. 72890		ILLINOIS FED. AID PROJECT		
	PLLOT DATE = Feb-04-2014 01:50:27PM	DATE - 12/04/2013	REVIS			SCALE: 1"=10'H, 5'V	SHEET 27 OF 124 SHEETS	STA. 377+50.00 TO STA. 378+50.00		

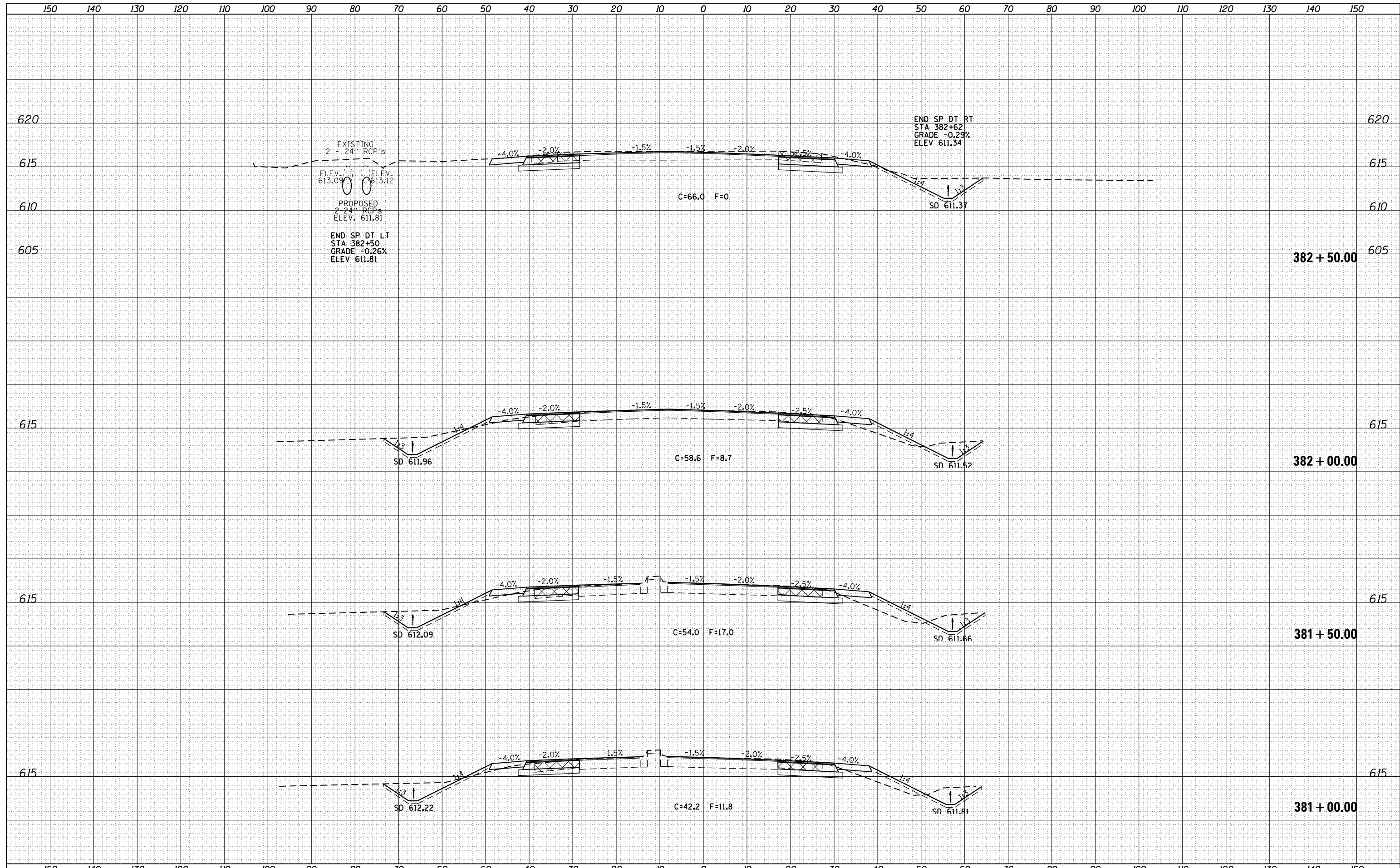
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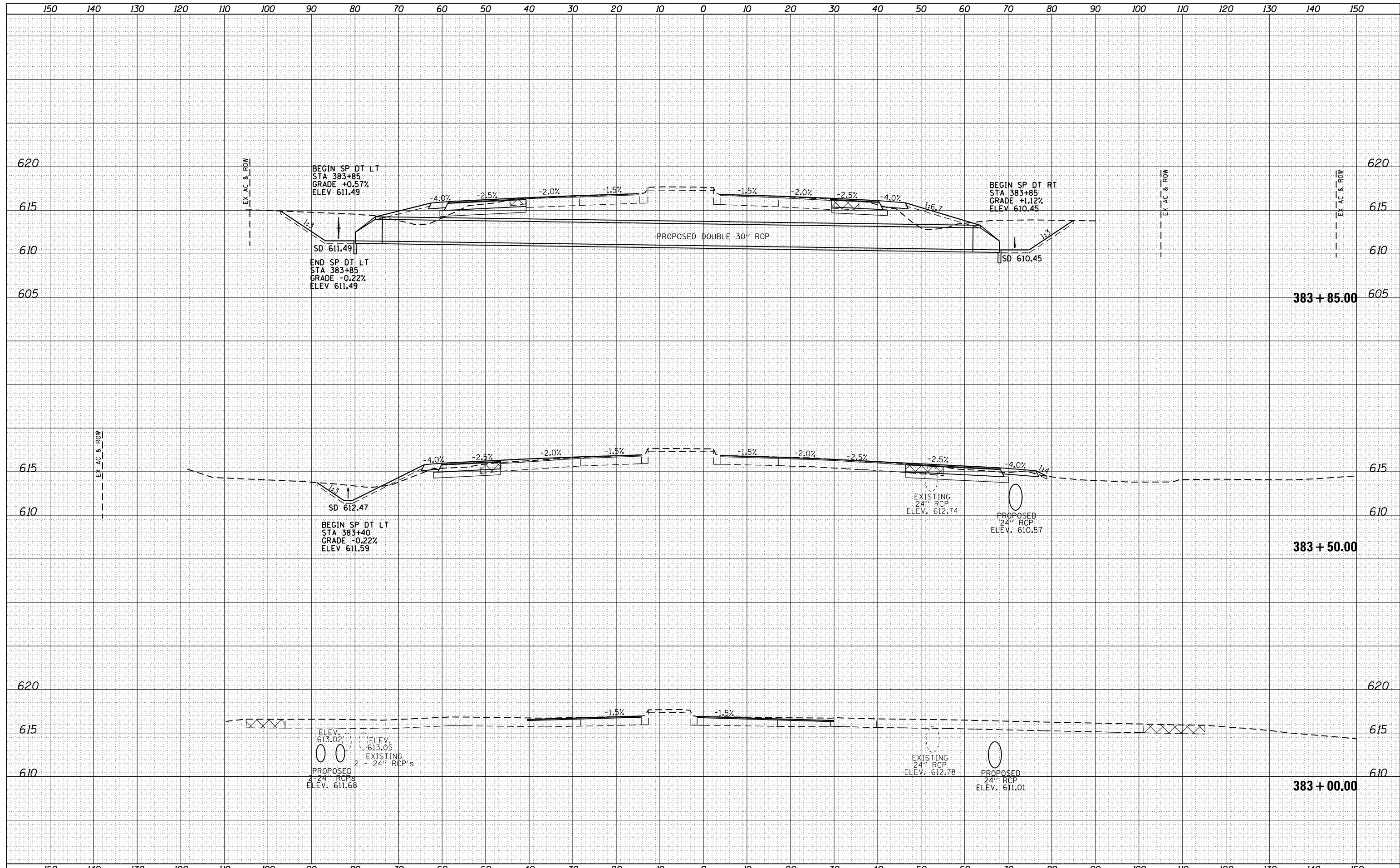


FILE NAME =	USER NAME = sparksq	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	es:\pw\work\p\dot\sparksq\ad0373645\0672890-sh	DRAWN - TJD	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	499	
		PLLOT SCALE = 20.0000' / in.	CHECKED - AWM			REVISED -	CONTRACT NO. 72890				
		PLLOT DATE = Feb-04-2014 01:50:30PM	DATE - 12/04/2013			REVISED -	ILLINOIS FED. AID PROJECT				

SCALE: 1"=10'H, 5'V SHEET 29 OF 124 SHEETS STA. 381+00.00 TO STA. 382+50.00

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FILE NAME =	USER NAME = sparksgw	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WABASH AVENUE CROSS SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p\dot\sparksgw\d0373645\0672890-sh1-xssht-Wabash.dgn	DRAWN - TJD	REVISED -	8012			21(W-3, TS-1, RS-7)	SANGAMON	679	500	
Default	PLOT SCALE = 20.0000' / in.	CHECKED - AWM	REVISED -			CONTRACT NO. 72890				
	PLOT DATE = Feb-04-2014 01:51:27PM	DATE - 12/04/2013	REVISED -			ILLINOIS FED. AID PROJECT				

SCALE: 1"=10'H, 5'V SHEET 30 OF 124 SHEETS STA. 383+00.00 TO STA. 383+85.00