

### LEGEND

	CONSTRUCTION JOINT
	SAWED LONGITUDINAL JOINT
	SAWED TRANSVERSE JOINT
	TRANSVERSE EXPANSION JOINT

### NOTES:

- DISTANCE BETWEEN TRANSVERSE JOINTS IS 12', UNLESS OTHERWISE NOTED.
- SEE STANDARDS 420001, 420101 AND 606001 FOR ADDITIONAL CONSTRUCTION INFORMATION.
- PAVEMENT BLOCK-OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
- ADDITIONAL SAWED CONSTRUCTION JOINTS MAY BE REQUIRED IN THE FIELD. EXACT JOINT LOCATIONS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER.
- TRANSVERSE JOINT SPACING DIMENSIONS ARE AT AND PERPENDICULAR TO RESPECTIVE THROUGH LANE LINES EXCEPT AT RADIUS RETURNS.
- JOINTS NOT SHOWN SHALL BE AS PER STANDARD 420101. THE DISTANCE BETWEEN TRANSVERSE JOINTS SHALL BE 12'.
- PCC SHOULDERS SHALL BE INSTALLED ACCORDING TO STANDARD 483001.

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 DATE: 05/08/2026



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DRAWN - RG	RECHECKED -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - FBN	REVISED -
PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 97**  
**JOINTING PLANS**

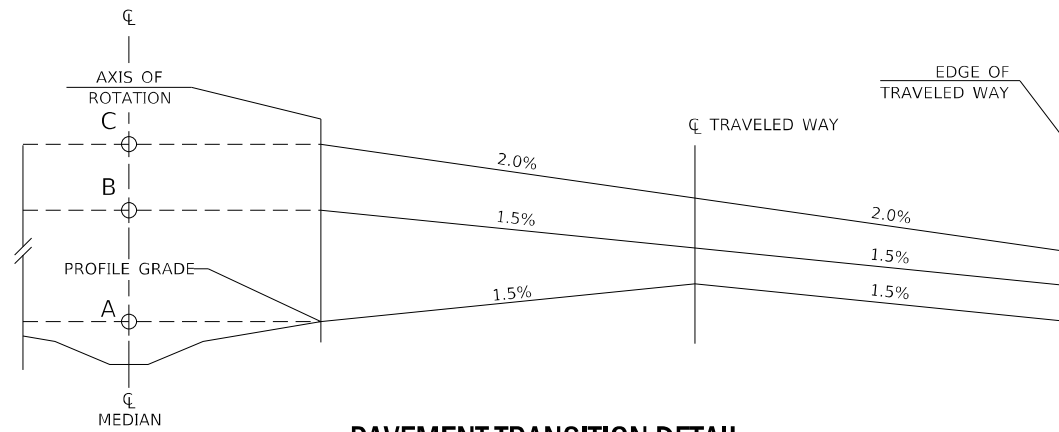
SCALE: 1" = 20'    SHEET 7 OF 13 SHEETS    STA. 816+00.00 TO STA. 821+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	201
CONTRACT NO. 92621				

ILLINOIS FED. AID PROJECT

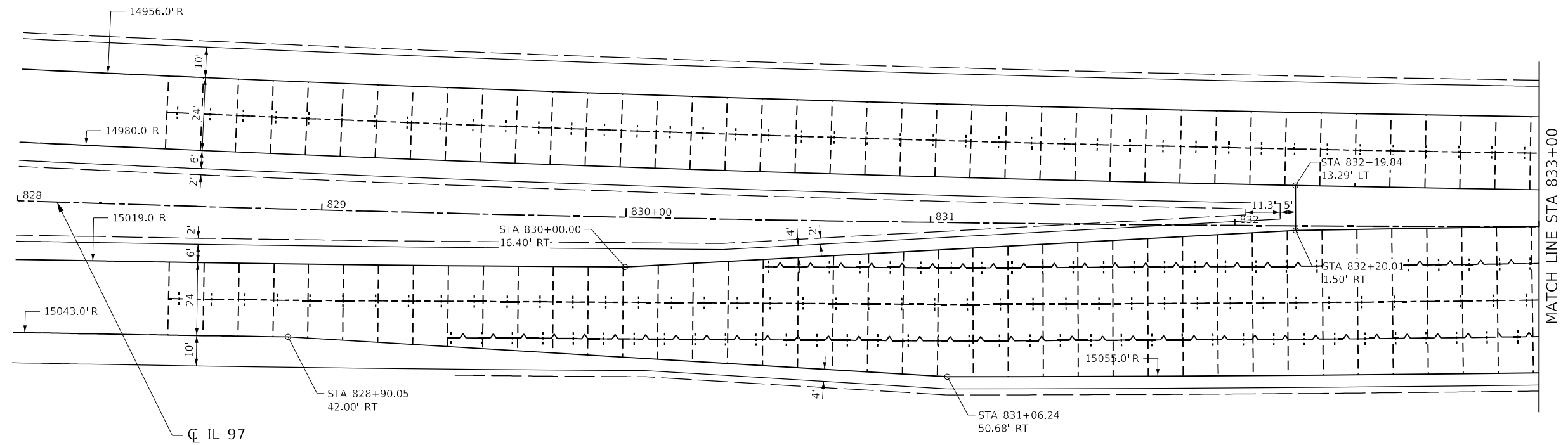
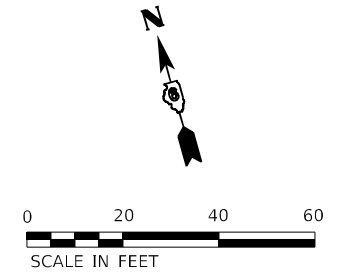
PAVEMENT TRANSITION POINTS				
DIRECTION OF TRAVEL	TRANSITION	A	B	C
SB IL 97	INTO 2.0%	830+50.00	832+00.00	832+25.00
NB IL 97	INTO 2.0%	830+50.00	832+00.00	832+25.00

\* SEE DETAIL THIS SHEET



**PAVEMENT TRANSITION DETAIL**

(NOT TO SCALE)



**LEGEND**

- +---+---+ CONSTRUCTION JOINT
- - - - - SAWED LONGITUDINAL JOINT
- - - - - SAWED TRANSVERSE JOINT
- ==== TRANSVERSE EXPANSION JOINT

**NOTES:**

- DISTANCE BETWEEN TRANSVERSE JOINTS IS 12', UNLESS OTHERWISE NOTED.
- SEE STANDARDS 420001, 420101 AND 606001 FOR ADDITIONAL CONSTRUCTION INFORMATION.
- PAVEMENT BLOCK-OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
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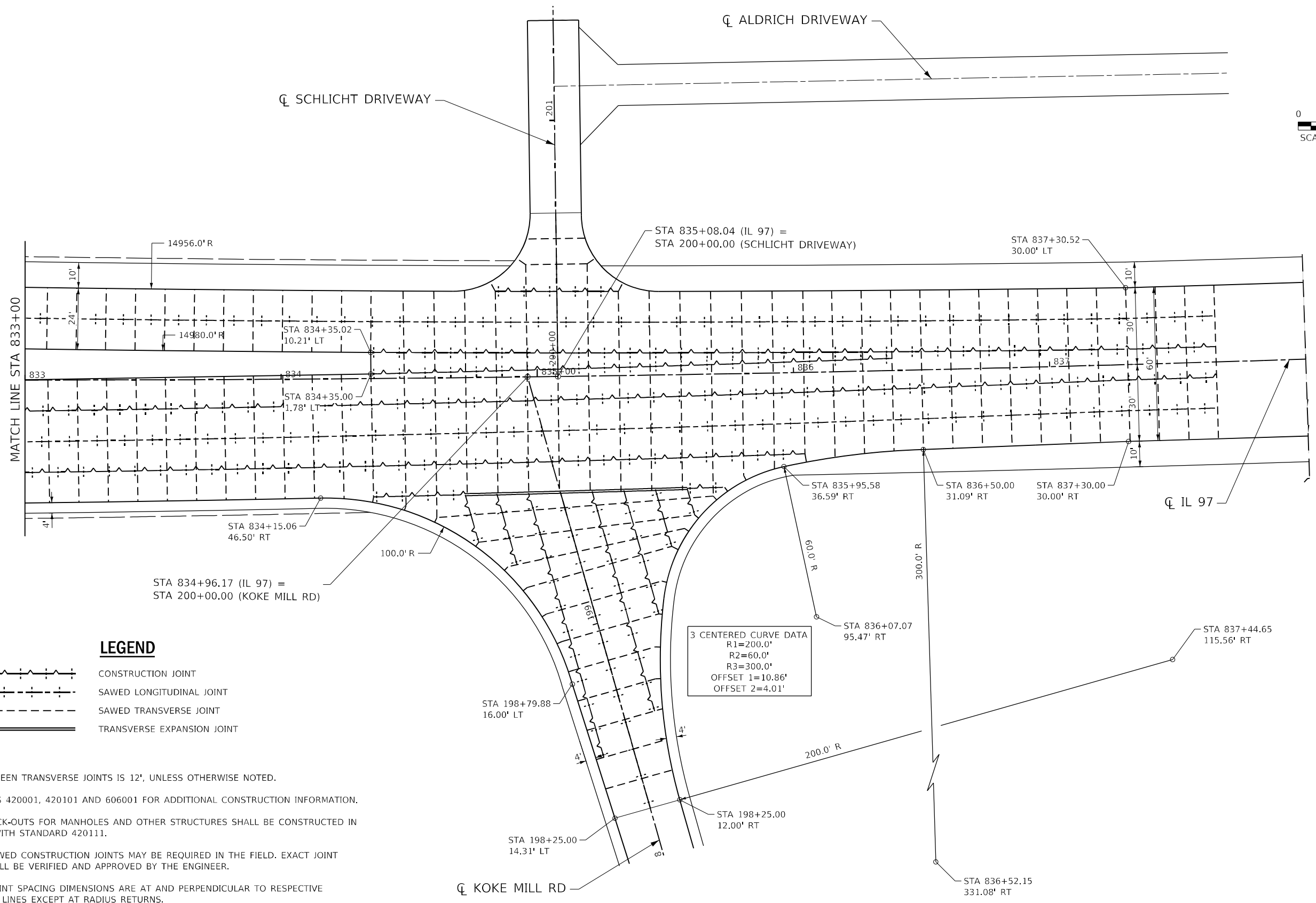
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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 97  
JOINTING PLANS**

SCALE: 1" = 20' SHEET 8 OF 13 SHEETS STA. 828+00.00 TO STA. 833+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	202
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



- CONSTRUCTION JOINT
- SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE JOINT
- TRANSVERSE EXPANSION JOINT

**NOTES:**

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2. SEE STANDARDS 420001, 420101 AND 606001 FOR ADDITIONAL CONSTRUCTION INFORMATION.
3. PAVEMENT BLOCK-OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
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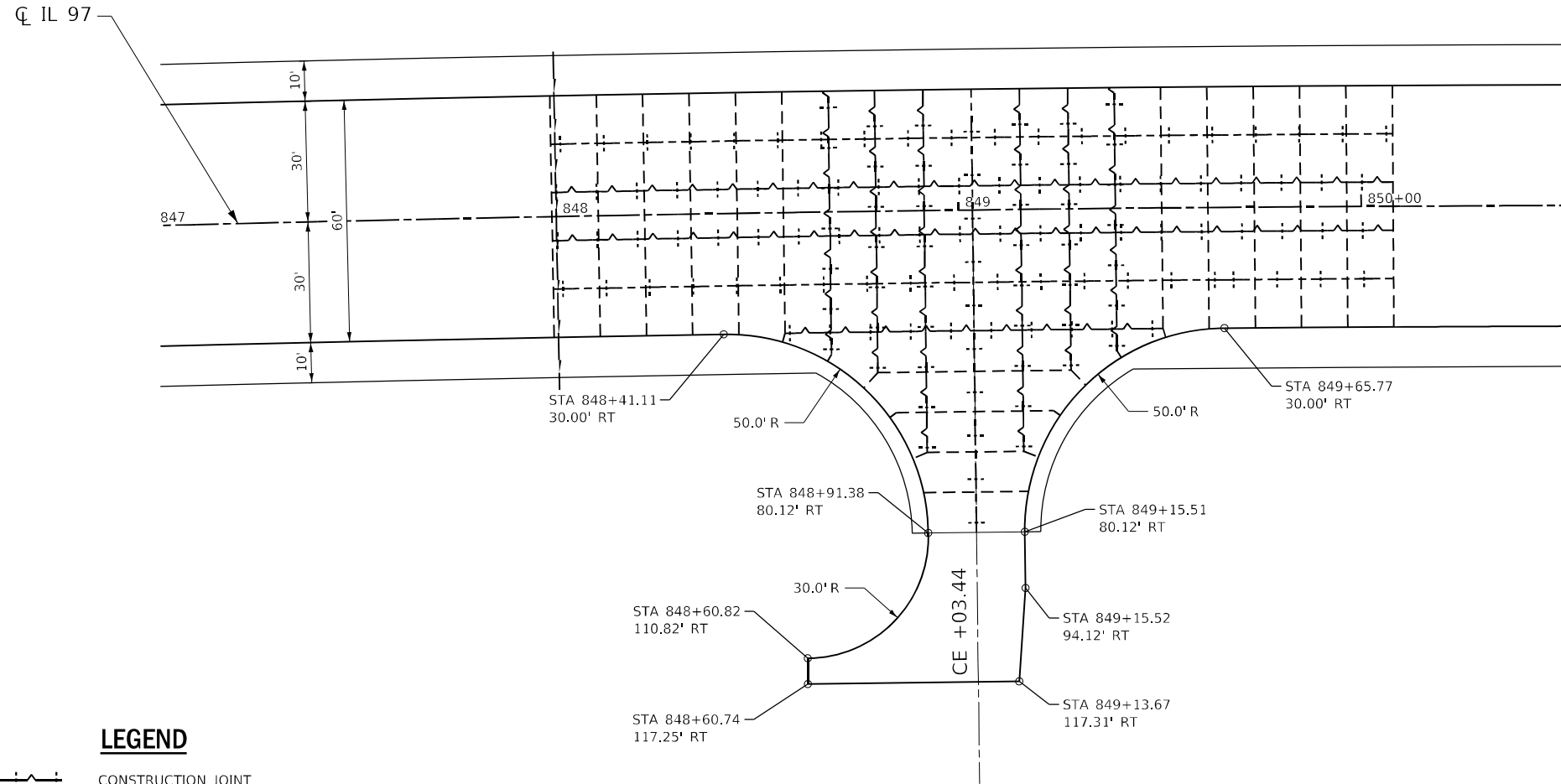
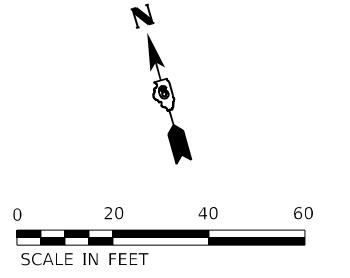


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PLOT DATE = 5/8/2026		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 97 JOINTING PLANS</b>		
SCALE: 1" = 20'	SHEET 9 OF 13 SHEETS	STA. 833+00.00 TO STA. 838+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	203
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- CONSTRUCTION JOINT
- SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE JOINT
- TRANSVERSE EXPANSION JOINT

**NOTES:**

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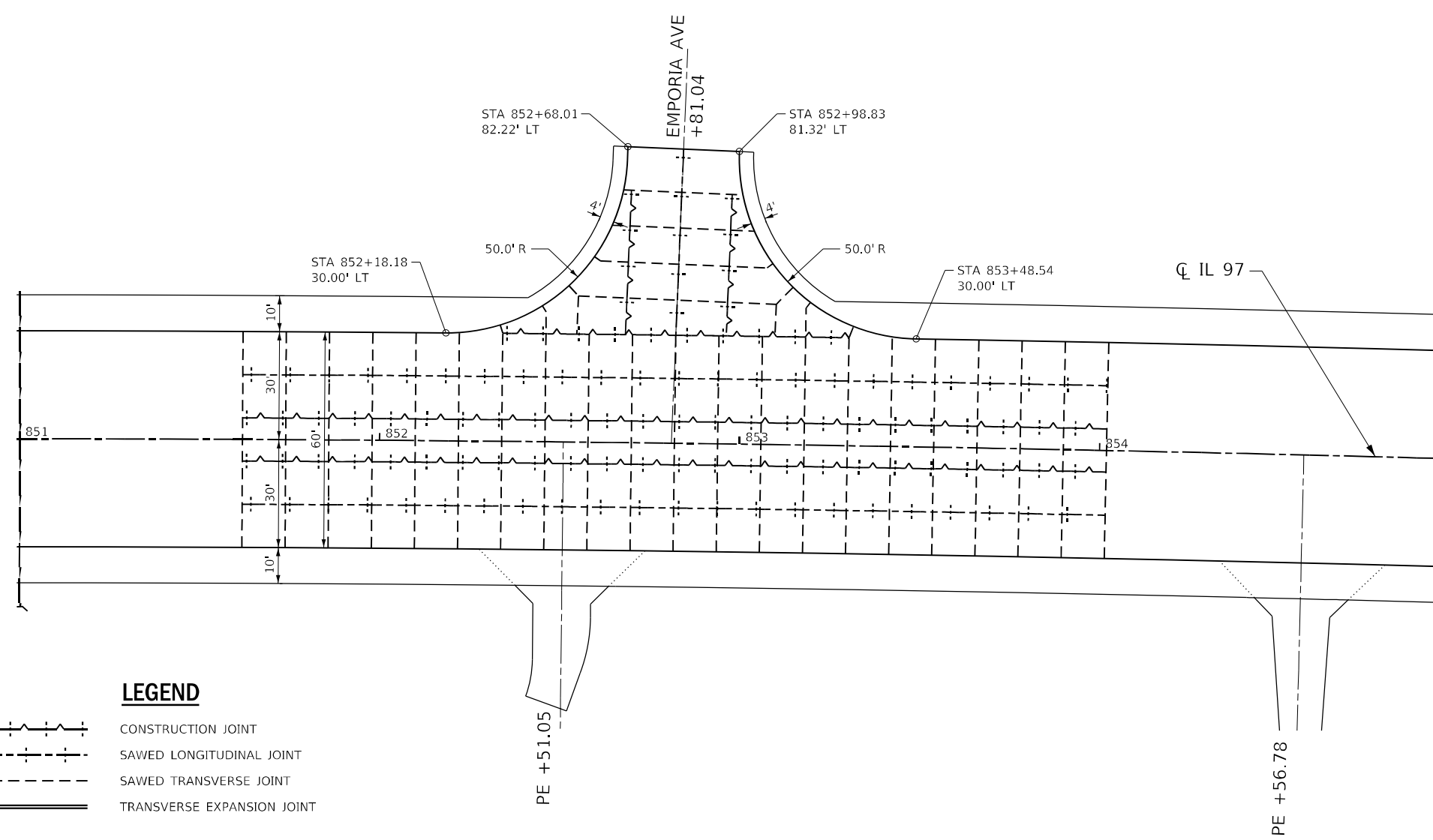
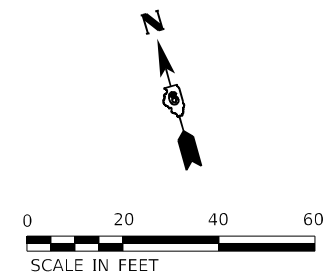
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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 97  
JOINTING PLANS**

SCALE: 1" = 20' SHEET 10 OF 13 SHEETS STA. 847+00.00 TO STA. 850+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2-W-2,PB	SANGAMON	412	204
CONTRACT NO. 92621				
ILLINOIS		FED. AID PROJECT		



**LEGEND**

	CONSTRUCTION JOINT
	SAWED LONGITUDINAL JOINT
	SAWED TRANSVERSE JOINT
	TRANSVERSE EXPANSION JOINT

**NOTES:**

1. DISTANCE BETWEEN TRANSVERSE JOINTS IS 12', UNLESS OTHERWISE NOTED.
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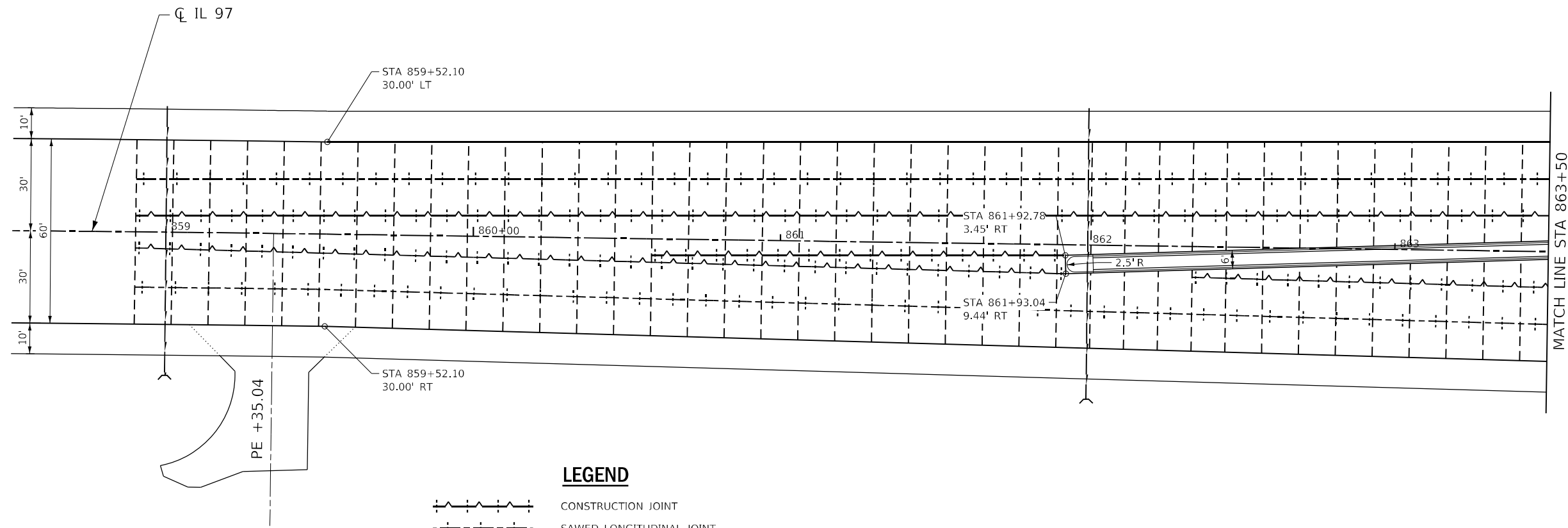
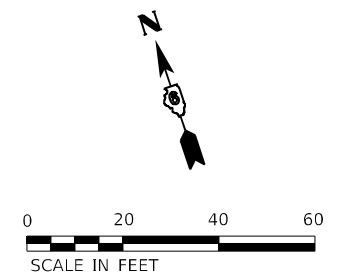


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	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>IL 97</b> <b>JOINTING PLANS</b>			
SCALE: 1" = 20'	SHEET 11	OF 13 SHEETS	STA. 851+00.00 TO STA. 855+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	205
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- CONSTRUCTION JOINT
- SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE JOINT
- TRANSVERSE EXPANSION JOINT

**NOTES:**

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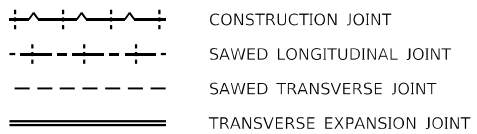
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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>IL 97</b>	
<b>JOINTING PLANS</b>	
SCALE: 1" = 20'	SHEET 12 OF 13 SHEETS
STA. 858+50.00 TO STA. 863+50.00	

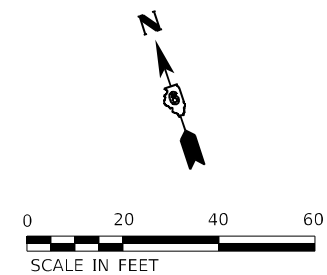
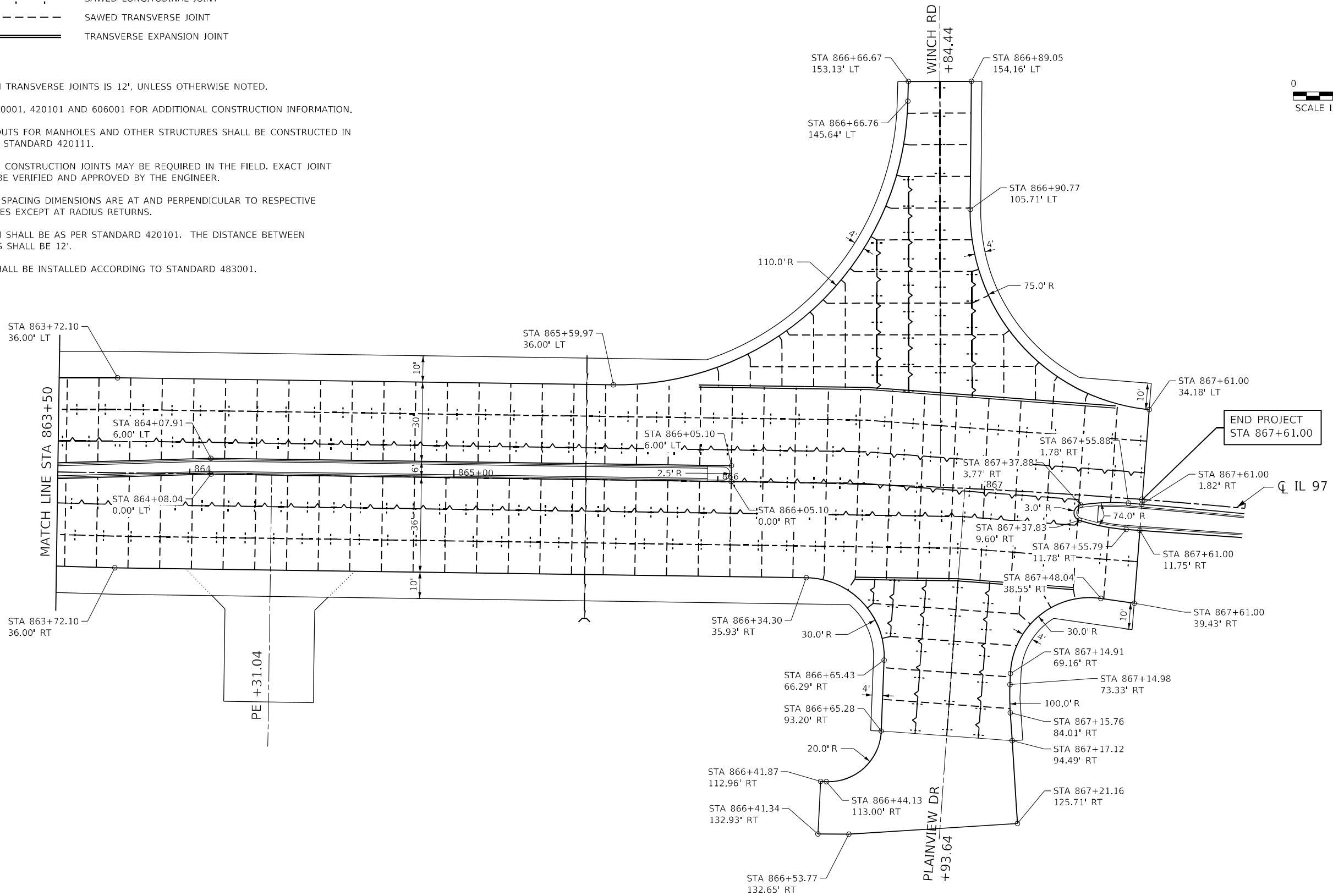
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	206
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

### LEGEND



### NOTES:

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- SEE STANDARDS 420001, 420101 AND 606001 FOR ADDITIONAL CONSTRUCTION INFORMATION.
- PAVEMENT BLOCK-OUTS FOR MANHOLES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
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 USER: RGoertz



QUIGG ENGINEERING INC

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DRAWN - RG	REVISED -	
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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

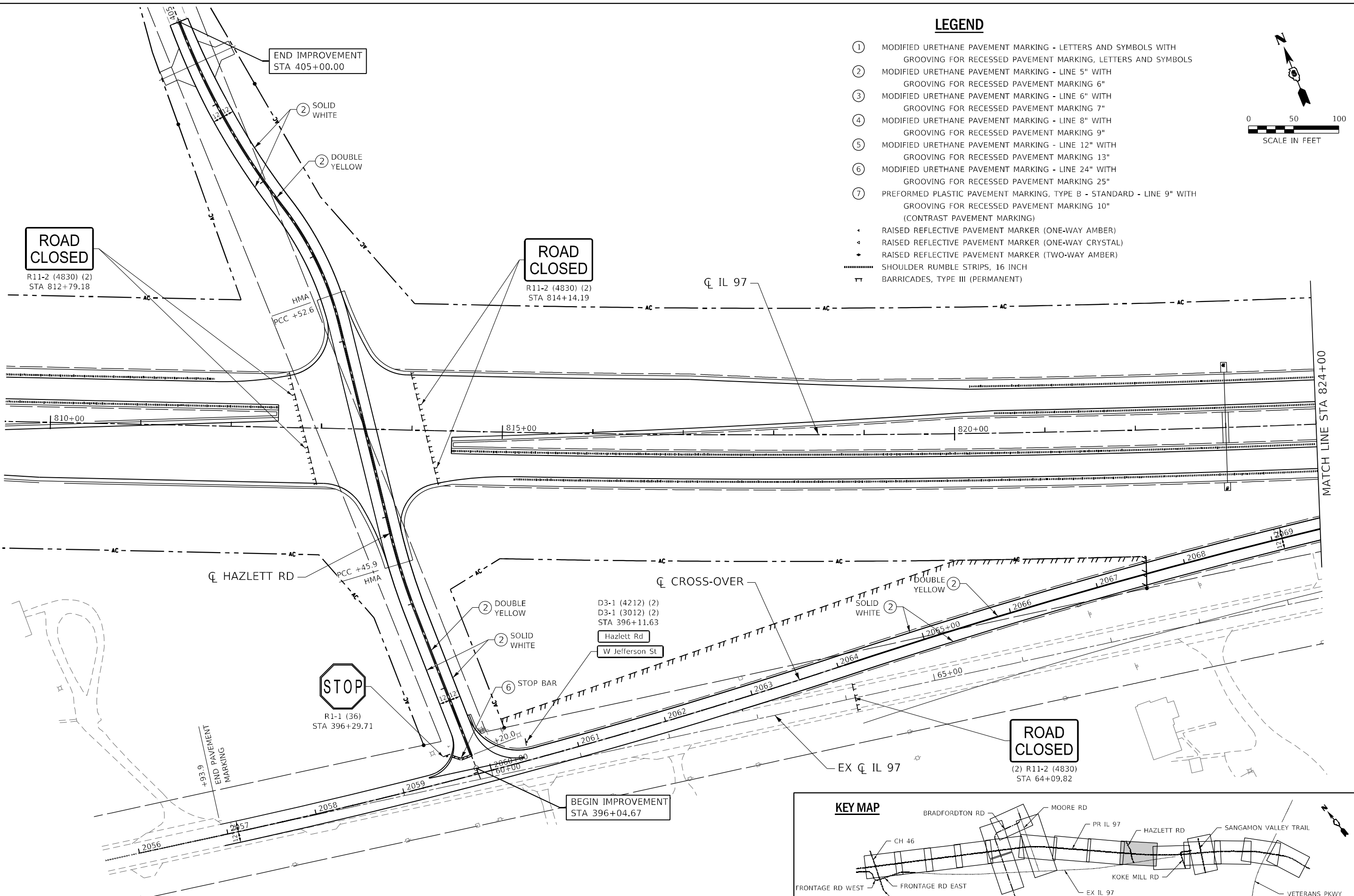
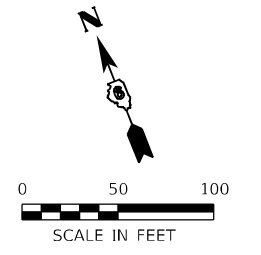
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 97 JOINTING PLANS</b>		
SCALE: 1" = 20'	SHEET 13 OF 13 SHEETS	STA. 863+50.00 TO STA. 868+00.00

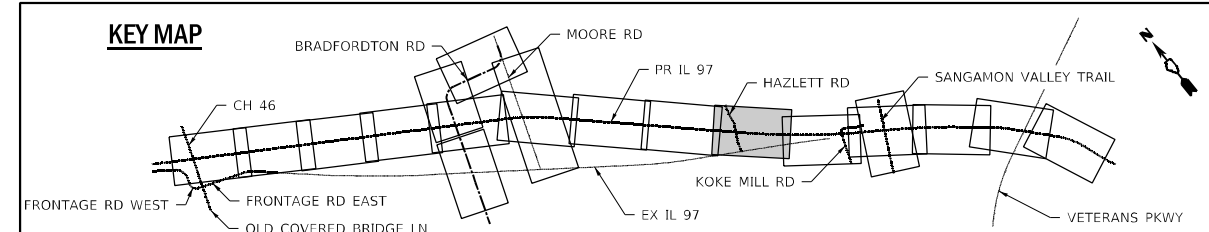
F.A.P. RTE. 67	SECTION (S.W)R-2.W-2.PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 207
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

**LEGEND**

- ① MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS WITH GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" WITH GROOVING FOR RECESSED PAVEMENT MARKING 6"
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WITH GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" WITH GROOVING FOR RECESSED PAVEMENT MARKING 9"
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" WITH GROOVING FOR RECESSED PAVEMENT MARKING 13"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" WITH GROOVING FOR RECESSED PAVEMENT MARKING 25"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 9" WITH GROOVING FOR RECESSED PAVEMENT MARKING 10" (CONTRAST PAVEMENT MARKING)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
- ◄ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- ▬ SHOULDER RUMBLE STRIPS, 16 INCH
- ▬ BARRICADES, TYPE III (PERMANENT)



**ROAD CLOSED**  
(2) R11-2 (4830)  
STA 64+09.82



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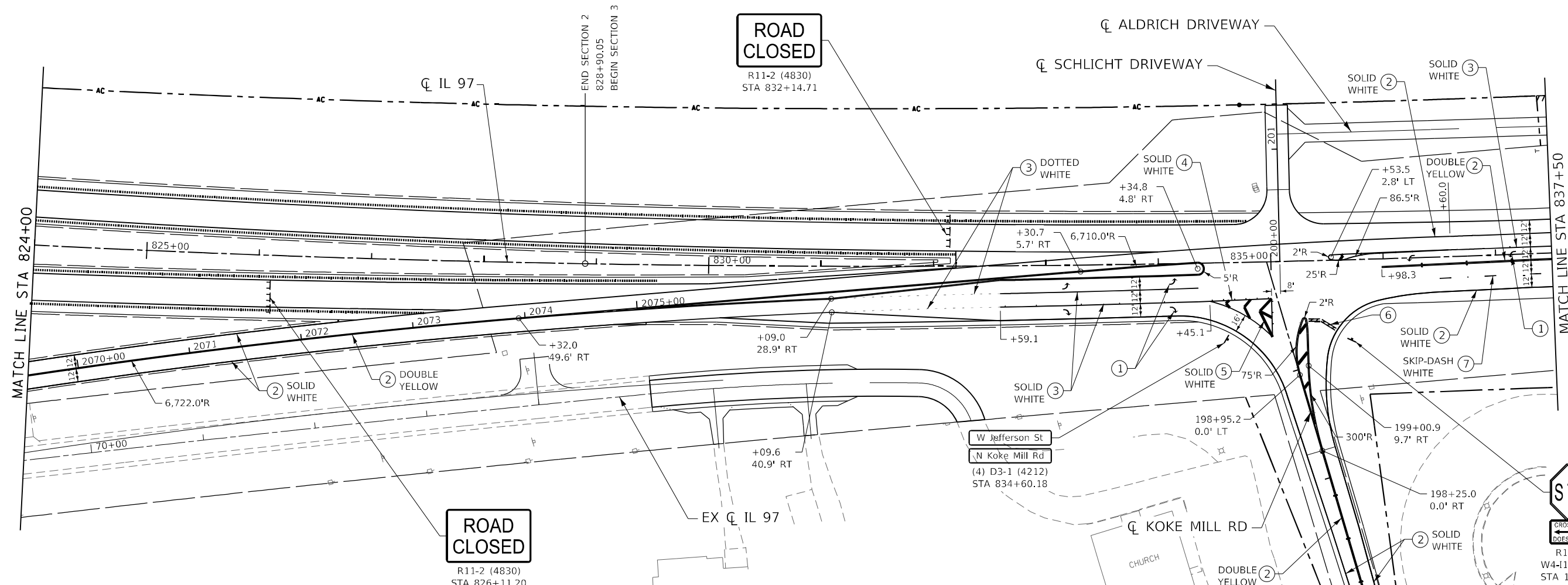
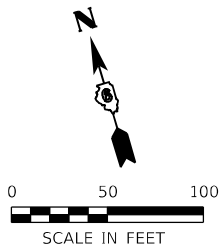


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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISOR -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 97  
SIGNING AND PAVEMENT MARKING PLANS**  
SCALE: 1" = 50'  
SHEET 1 OF 9 SHEETS  
STA. 809+50.00 TO STA. 824+00.00

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 208
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



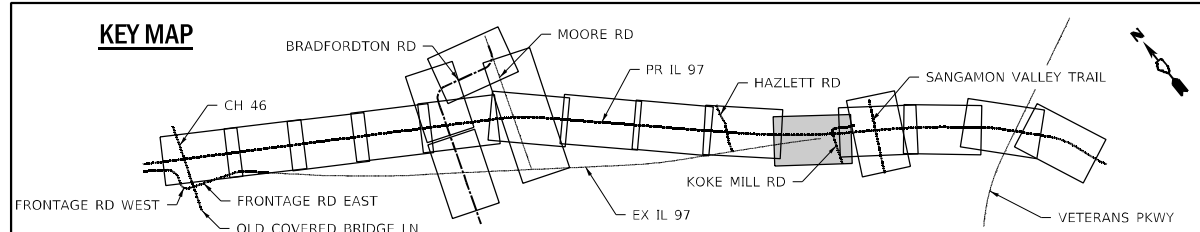
**ROAD CLOSED**  
R11-2 (4830)  
STA 826+11.20

**ROAD CLOSED**  
R11-2 (4830)  
STA 832+14.71



**LEGEND**

- ① MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS WITH GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" WITH GROOVING FOR RECESSED PAVEMENT MARKING 6"
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- ◆ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- SHOULDER RUMBLE STRIPS, 16 INCH
- TT BARRICADES, TYPE III (PERMANENT)



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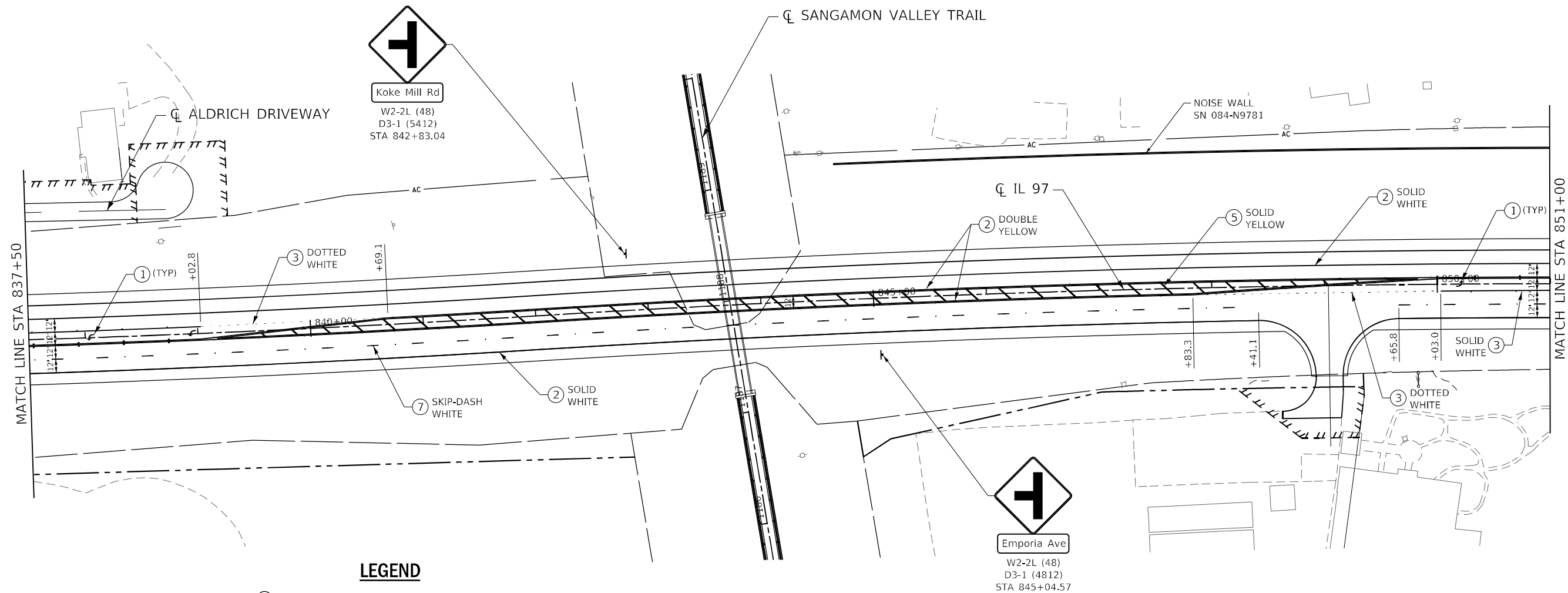
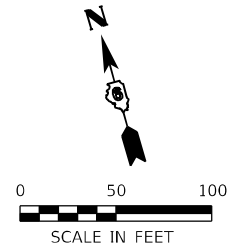


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

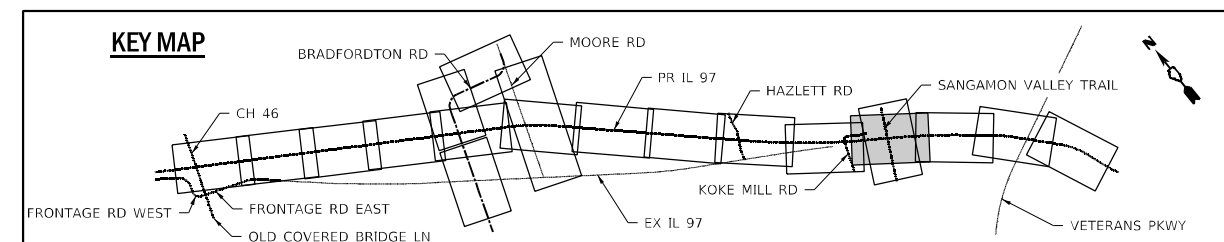
<b>IL 97</b>	
<b>SIGNING AND PAVEMENT MARKING PLANS</b>	
SCALE: 1" = 50'	SHEET 2 OF 9 SHEETS
STA. 824+00.00 TO STA. 837+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	209
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**LEGEND**

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- RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- ▬ SHOULDER RUMBLE STRIPS, 16 INCH
- ▬ BARRICADES, TYPE III (PERMANENT)



MODEL: Default  
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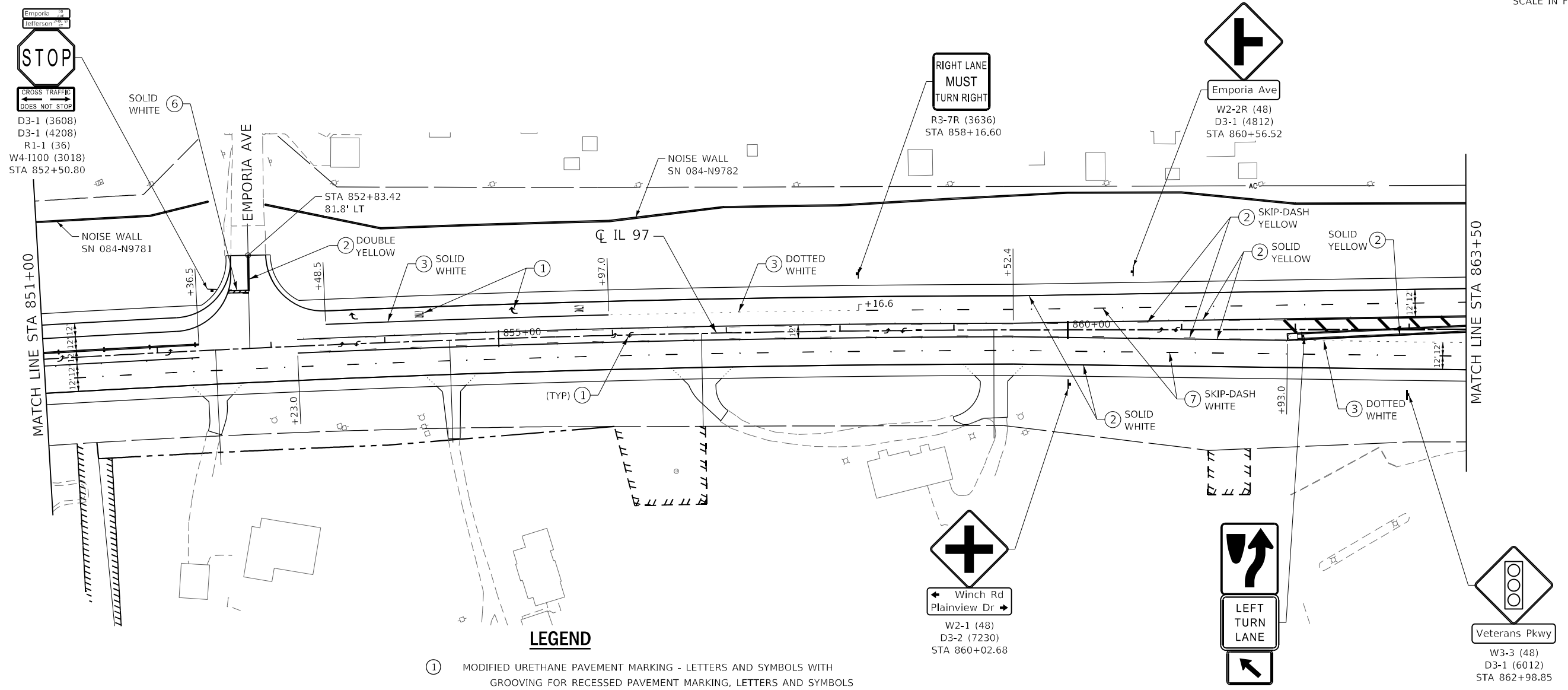
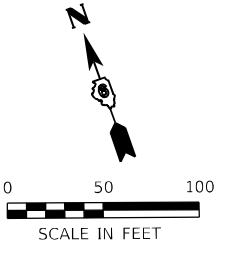


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DRAWN - RG	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED - FBN	REVISED -
PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

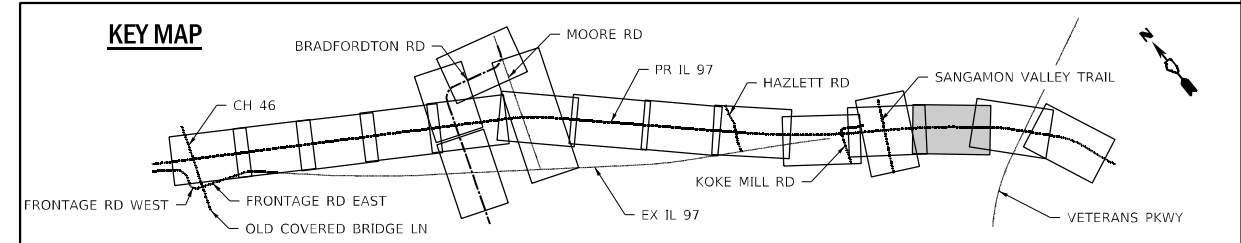
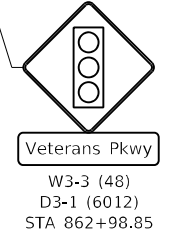
<b>IL 97</b> <b>SIGNING AND PAVEMENT MARKING PLANS</b>		
SCALE: 1" = 50'	SHEET 3 OF 9 SHEETS	STA. 837+50.00 TO STA. 851+00.00

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 210
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- ① MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS WITH GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" WITH GROOVING FOR RECESSED PAVEMENT MARKING 6"
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WITH GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" WITH GROOVING FOR RECESSED PAVEMENT MARKING 9"
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" WITH GROOVING FOR RECESSED PAVEMENT MARKING 13"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" WITH GROOVING FOR RECESSED PAVEMENT MARKING 25"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 9" WITH GROOVING FOR RECESSED PAVEMENT MARKING 10" (CONTRAST PAVEMENT MARKING)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- ▬ SHOULDER RUMBLE STRIPS, 16 INCH
- ▬ BARRICADES, TYPE III (PERMANENT)



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 FILE NAME: S:\projects\2012\_JOBS\12-97-S\10013\_001.DWG  
 PLOT DATE: 5/8/2026



USER NAME = RGoertz	DESIGNED - JB	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - RG	REVISED -
PLOT DATE = 5/8/2026	CHECKED - FBN	REVISED -
	DATE - 05/08/2026	REVISED -

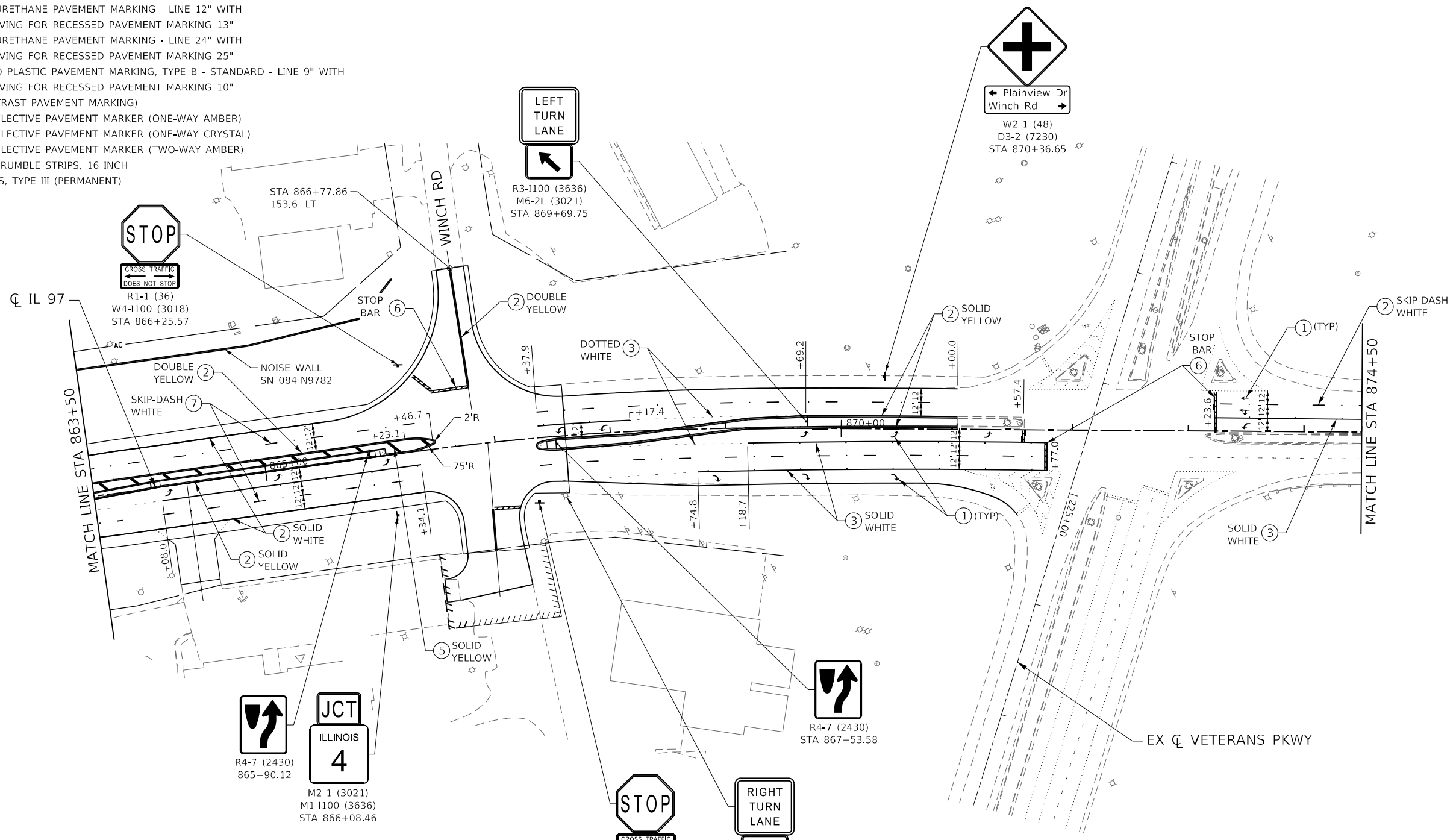
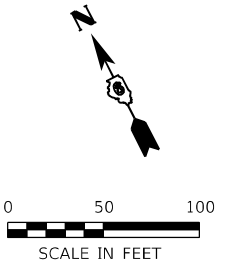
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 97</b>	
<b>SIGNING AND PAVEMENT MARKING PLANS</b>	
SCALE: 1" = 50'	SHEET 4 OF 9 SHEETS
STA. 851+00.00 TO STA. 863+50.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	211
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

**LEGEND**

- ① MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS WITH GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" WITH GROOVING FOR RECESSED PAVEMENT MARKING 6"
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WITH GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" WITH GROOVING FOR RECESSED PAVEMENT MARKING 9"
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" WITH GROOVING FOR RECESSED PAVEMENT MARKING 13"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" WITH GROOVING FOR RECESSED PAVEMENT MARKING 25"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 9" WITH GROOVING FOR RECESSED PAVEMENT MARKING 10" (CONTRAST PAVEMENT MARKING)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- ▬ SHOULDER RUMBLE STRIPS, 16 INCH
- ▬ BARRICADES, TYPE III (PERMANENT)



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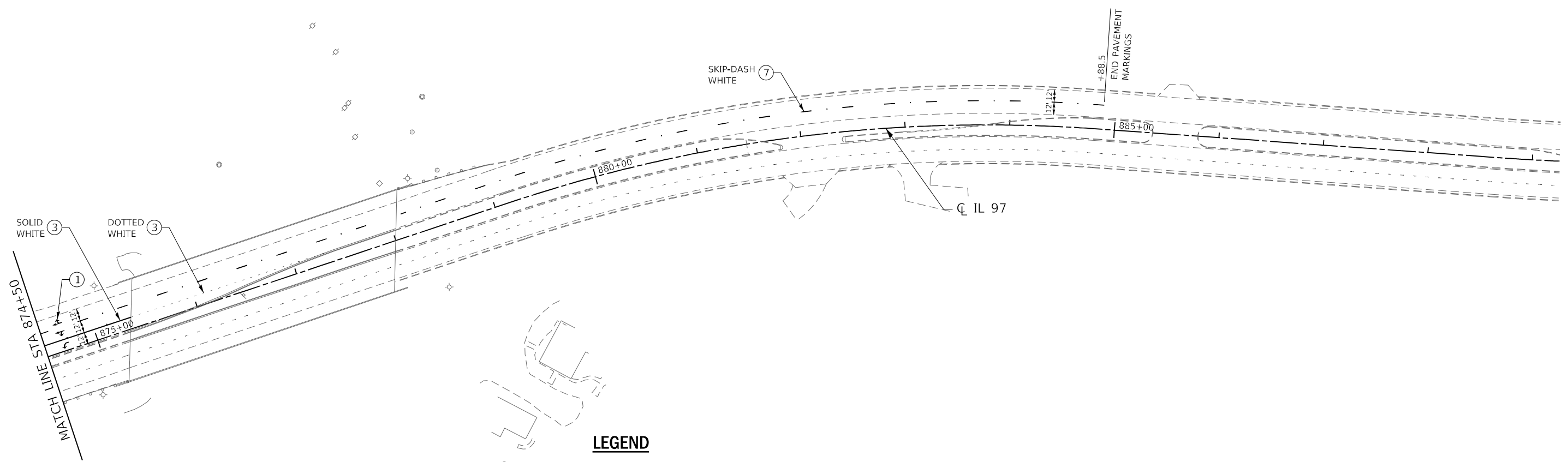
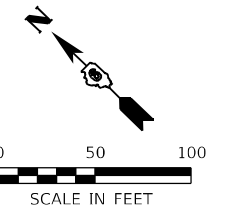


USER NAME = RGoertz	DESIGNED - JB	REVISED -
DRAWN - RG	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED - FBN	REVISED -
PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

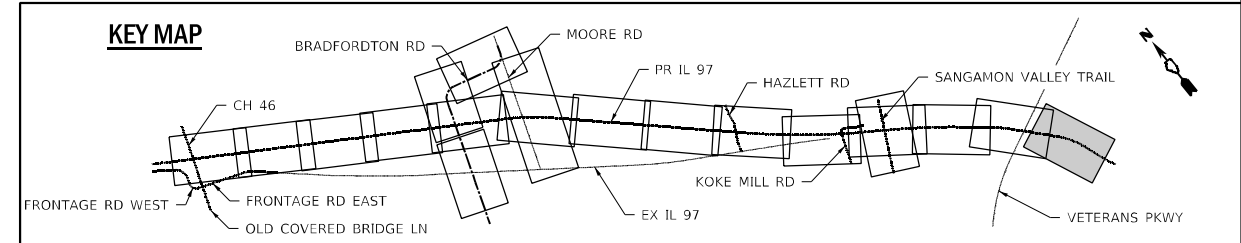
<b>IL 97</b>	
<b>SIGNING AND PAVEMENT MARKING PLANS</b>	
SCALE: 1" = 50'	SHEET 5 OF 9 SHEETS
STA. 863+50.00 TO STA. 874+50.00	

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 212
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- ① MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS WITH GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" WITH GROOVING FOR RECESSED PAVEMENT MARKING 6"
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WITH GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" WITH GROOVING FOR RECESSED PAVEMENT MARKING 9"
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- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 9" WITH GROOVING FOR RECESSED PAVEMENT MARKING 10" (CONTRAST PAVEMENT MARKING)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- ▬ SHOULDER RUMBLE STRIPS, 16 INCH
- ▬ BARRICADES, TYPE III (PERMANENT)



MODEL: D:\p\h\p\...  
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USER NAME = RGoertz	DESIGNED - JB	REVISED -
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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

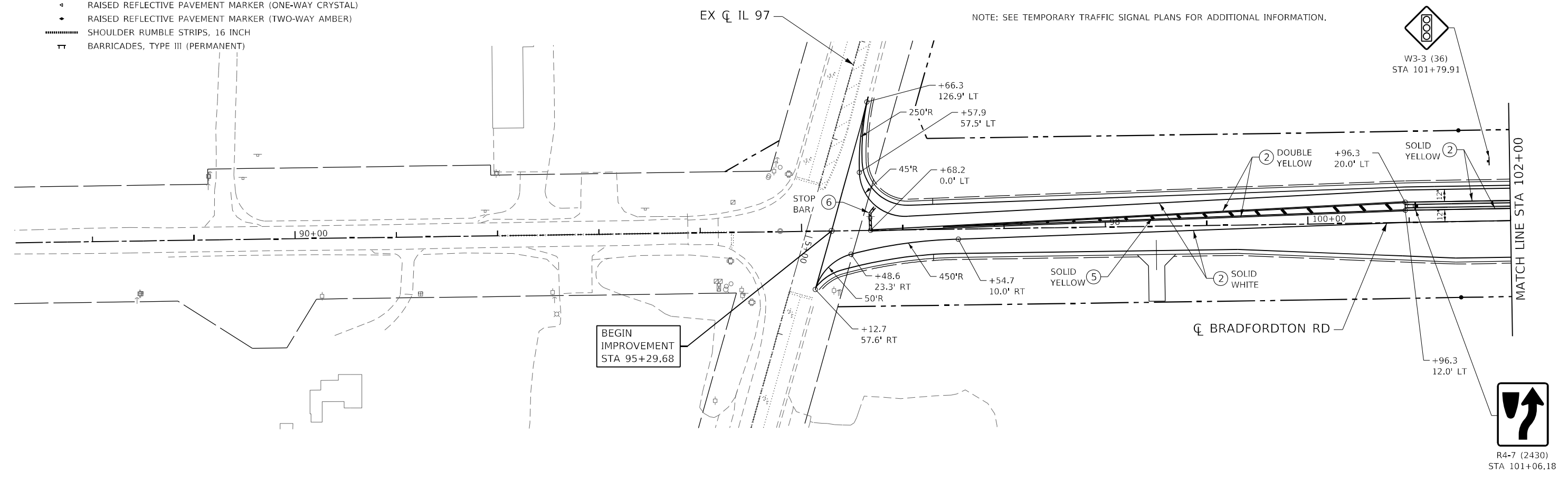
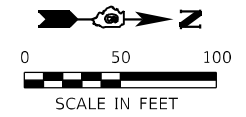
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 97</b>	
<b>SIGNING AND PAVEMENT MARKING PLANS</b>	
SCALE: 1" = 50'	SHEET 6 OF 9 SHEETS
STA. 874+50.00 TO STA. 889+00.00	

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 213
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

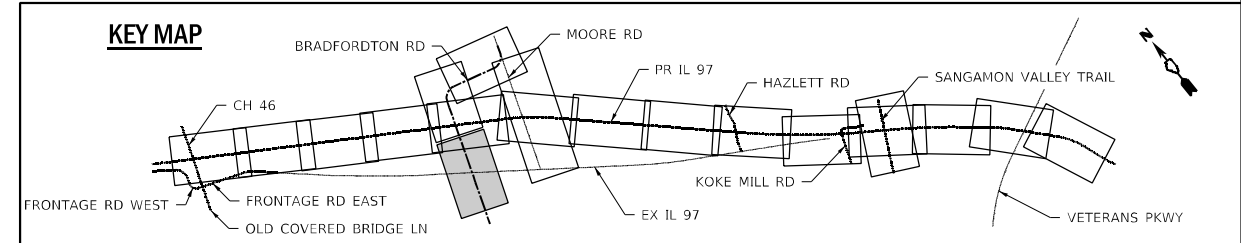
### LEGEND

- ① MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS WITH GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" WITH GROOVING FOR RECESSED PAVEMENT MARKING 6"
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WITH GROOVING FOR RECESSED PAVEMENT MARKING 7"
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- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 9" WITH GROOVING FOR RECESSED PAVEMENT MARKING 10" (CONTRAST PAVEMENT MARKING)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- ▬ SHOULDER RUMBLE STRIPS, 16 INCH
- ▬ BARRICADES, TYPE III (PERMANENT)



NOTE: SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION.

BEGIN IMPROVEMENT  
STA 95+29.68



MODEL: D:\p\11\110013\110013\_01.DWG; FILE: NAME: SUBPROJECTS\2012\_JOBS\12-97-51\0013\_01.DWG; PLT: 05/08/2026 11:00:00 AM; USER: RGoertz



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DRAWN - RG	REVISIONS -	
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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

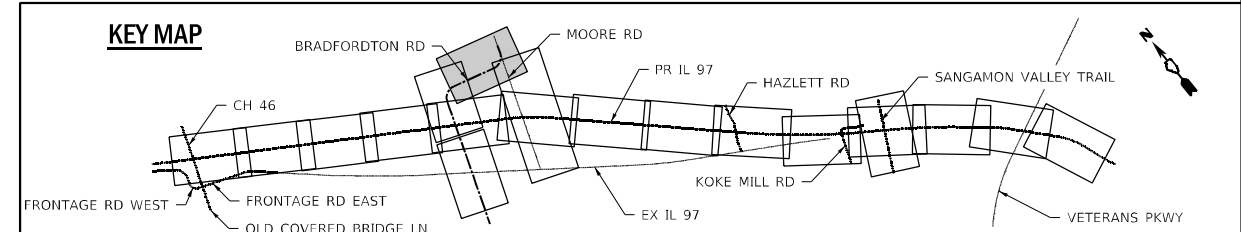
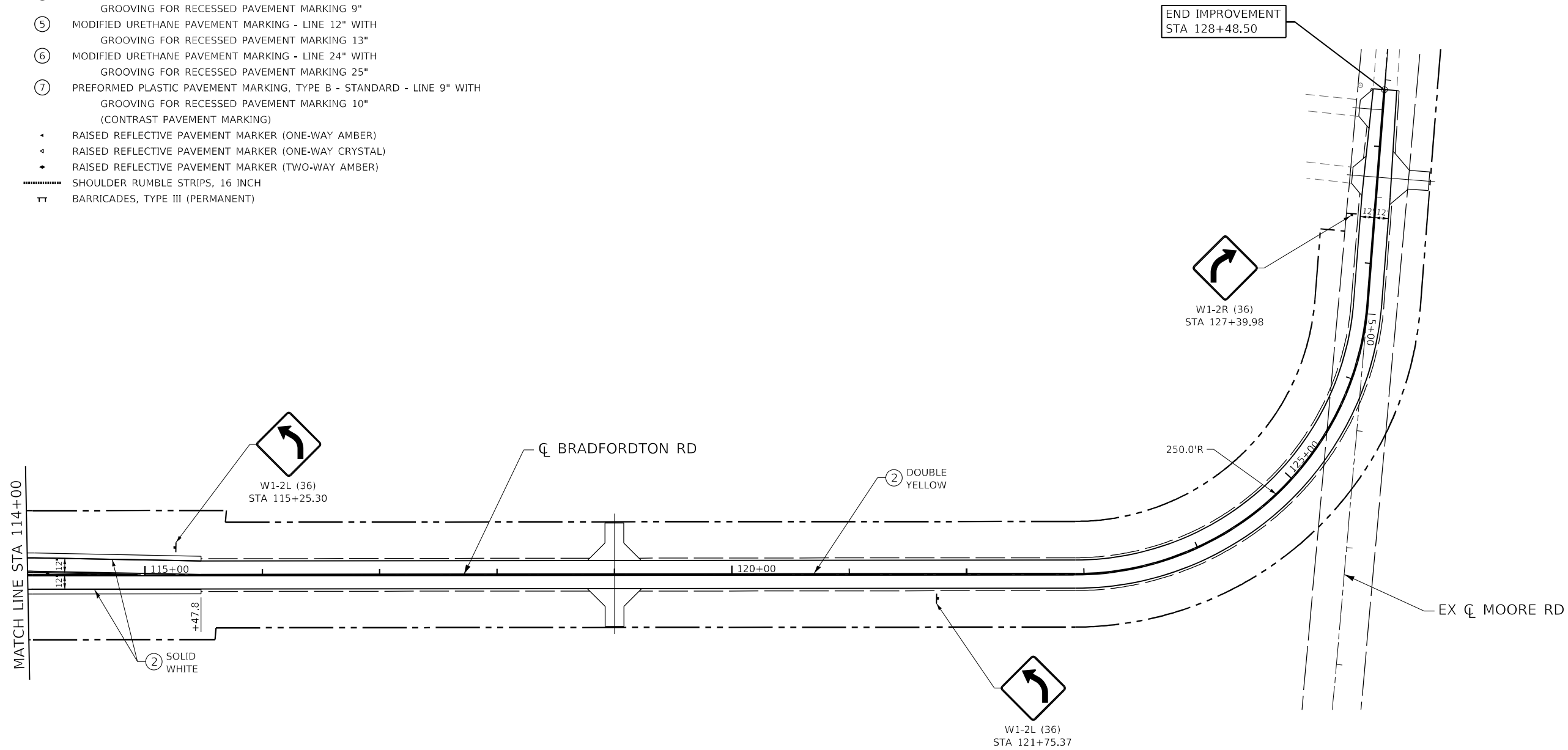
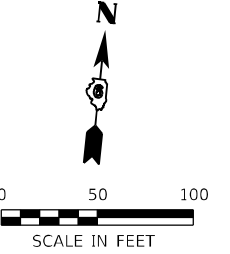
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BRADFORDTON RD SIGNING AND PAVEMENT MARKING PLANS</b>		F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 214
SCALE: 1" = 50'	SHEET 7 OF 9 SHEETS	STA. 88+00.00	TO STA. 102+00.00	CONTRACT NO. 92621		
				ILLINOIS	FED. AID PROJECT	



**LEGEND**

- ① MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS WITH GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 5" WITH GROOVING FOR RECESSED PAVEMENT MARKING 6"
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WITH GROOVING FOR RECESSED PAVEMENT MARKING 7"
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" WITH GROOVING FOR RECESSED PAVEMENT MARKING 9"
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" WITH GROOVING FOR RECESSED PAVEMENT MARKING 13"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" WITH GROOVING FOR RECESSED PAVEMENT MARKING 25"
- ⑦ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - STANDARD - LINE 9" WITH GROOVING FOR RECESSED PAVEMENT MARKING 10" (CONTRAST PAVEMENT MARKING)
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- ◆ RAISED REFLECTIVE PAVEMENT MARKER (ONE-WAY CRYSTAL)
- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO-WAY AMBER)
- SHOULDER RUMBLE STRIPS, 16 INCH
- TT BARRICADES, TYPE III (PERMANENT)



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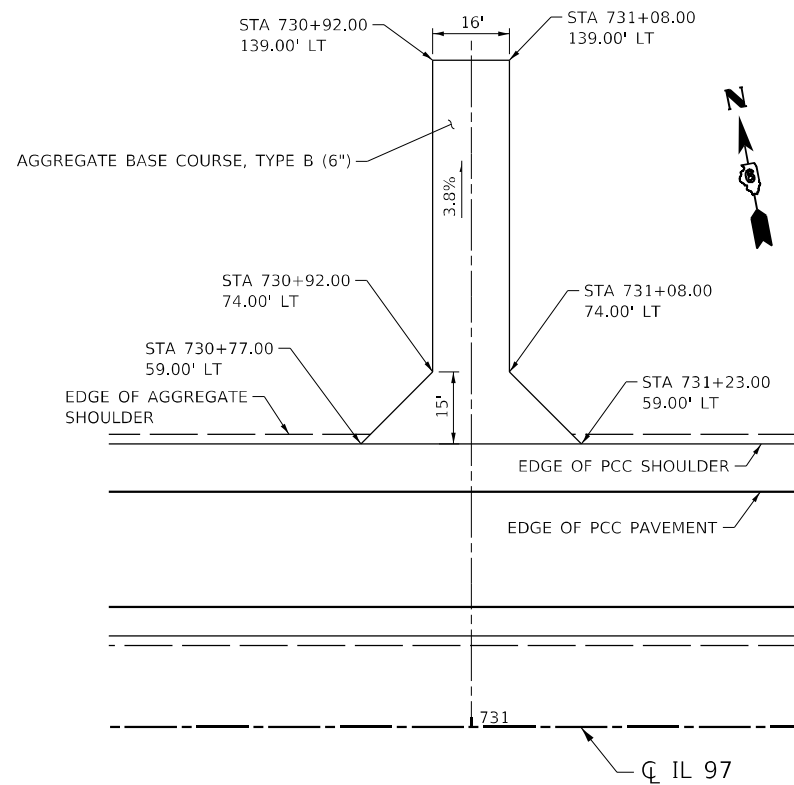


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DRAWN - RG	REVISED -	
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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

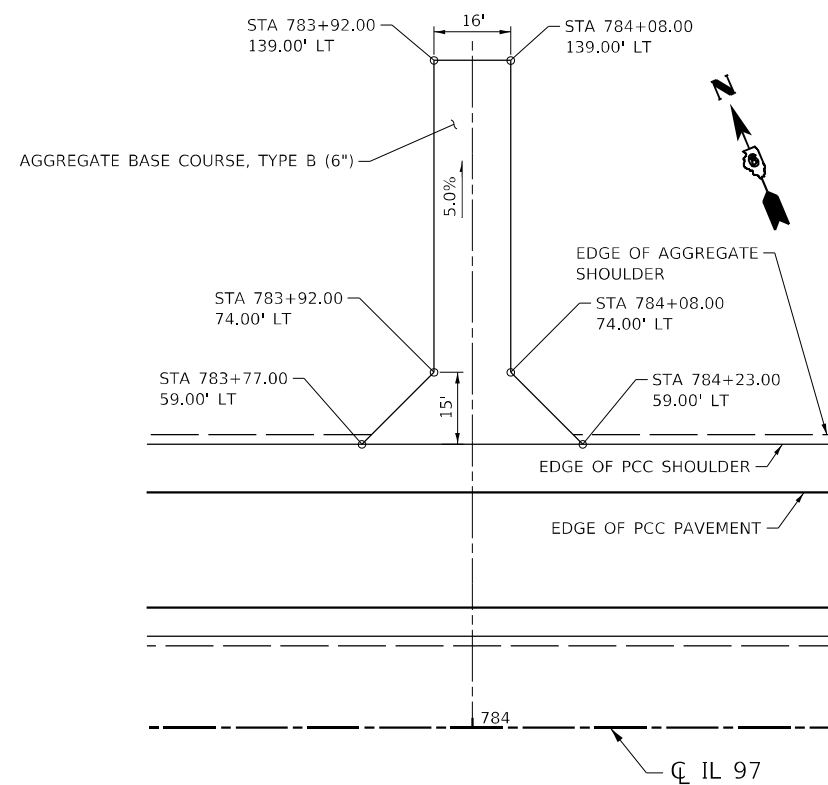
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BRADFORDTON RD	
SIGNING AND PAVEMENT MARKING PLANS	
SCALE: 1" = 50'	SHEET 9 OF 9 SHEETS
STA. 114+00.00 TO STA. 128+48.50	

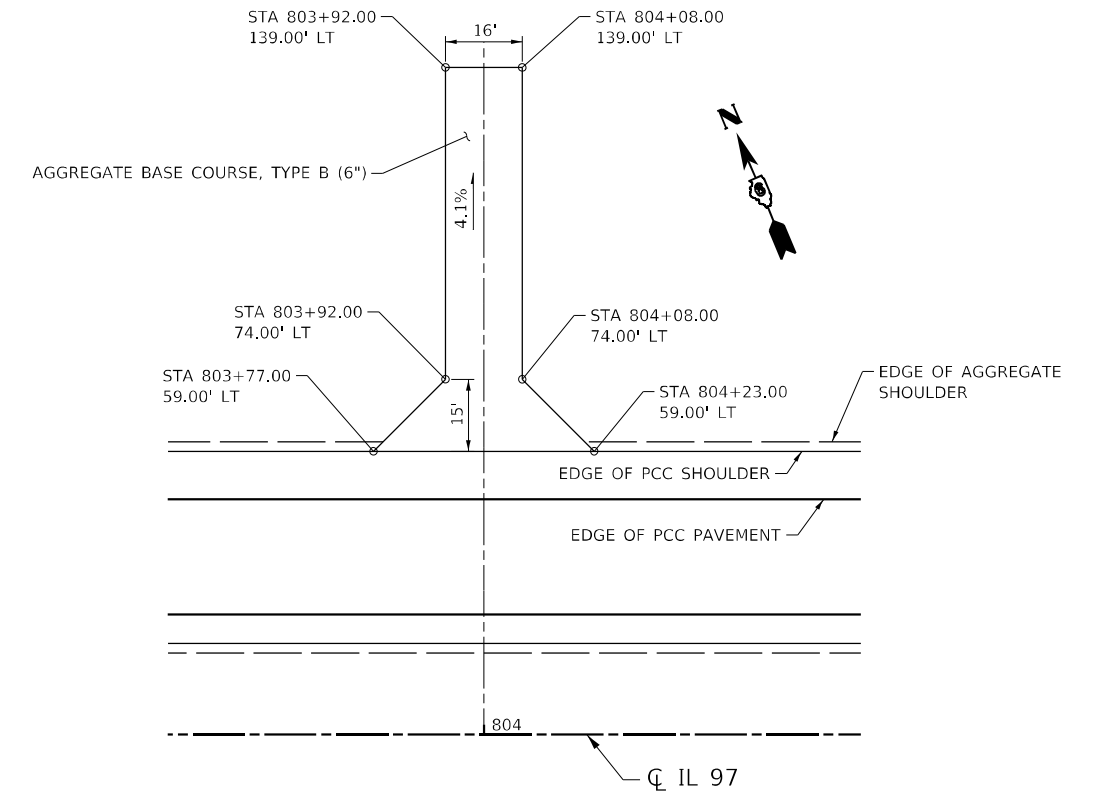
F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 216
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



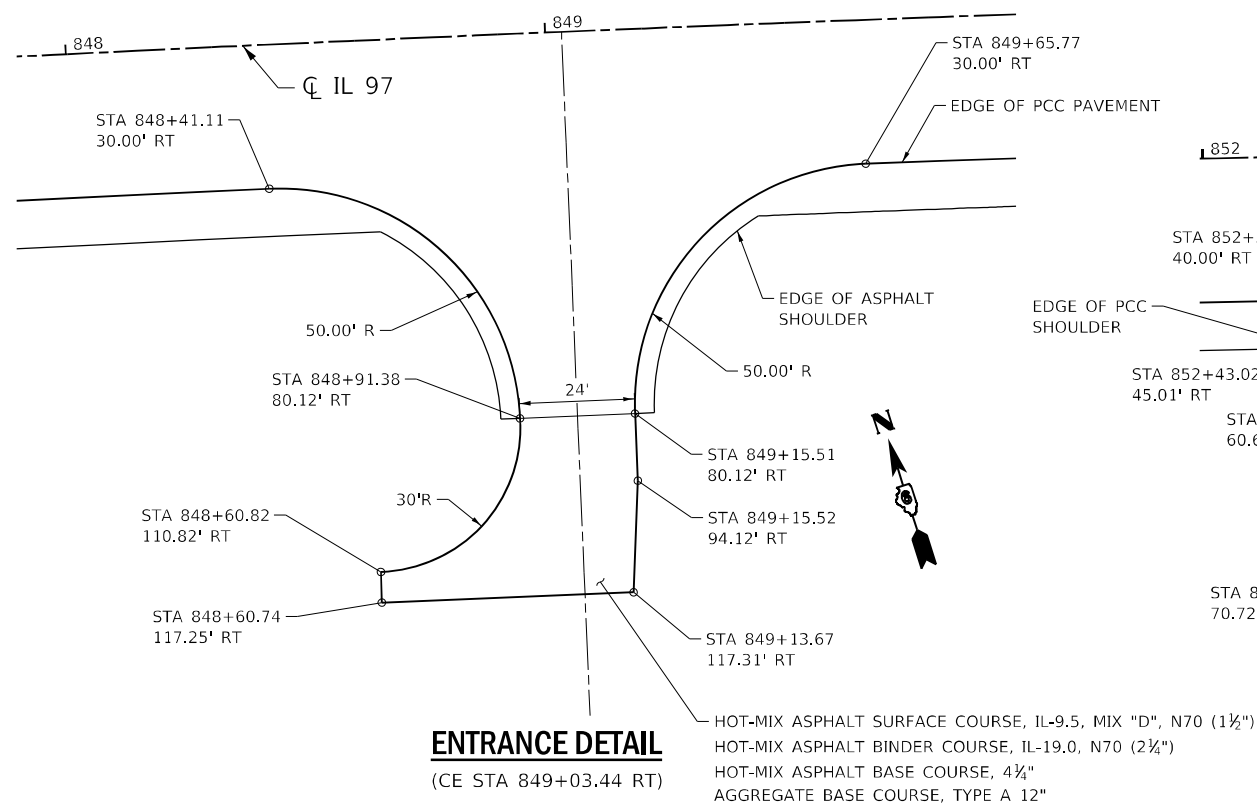
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(FE STA 731+00.00 LT)



**ENTRANCE DETAIL**  
(FE STA 784+00.00 LT)

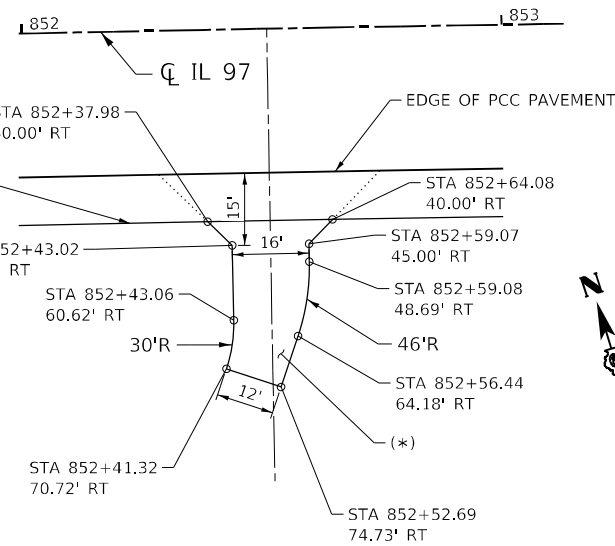


**ENTRANCE DETAIL**  
(FE STA 804+00.00 LT)



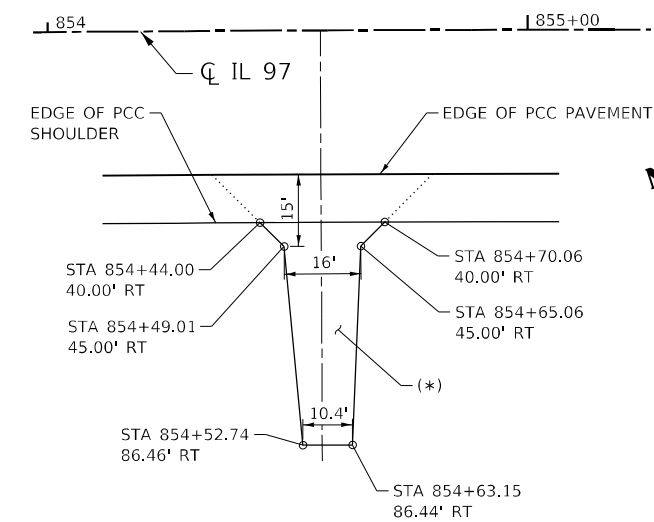
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(CE STA 849+03.44 RT)

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1½")  
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2¾")  
 HOT-MIX ASPHALT BASE COURSE, 4¾"  
 AGGREGATE BASE COURSE, TYPE A 12"



**ENTRANCE DETAIL**  
(PE STA 852+51.05 RT)

(\*) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 (3½")  
 AGGREGATE BASE COURSE, TYPE B (6")



**ENTRANCE DETAIL**  
(PE STA 854+56.78 RT)



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 USER: RGoertz  
 DATE: 5/8/2026



USER NAME = RGoertz	DESIGNED - JB	REVISED -
DRAWN - RG	REVISIONS -	
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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

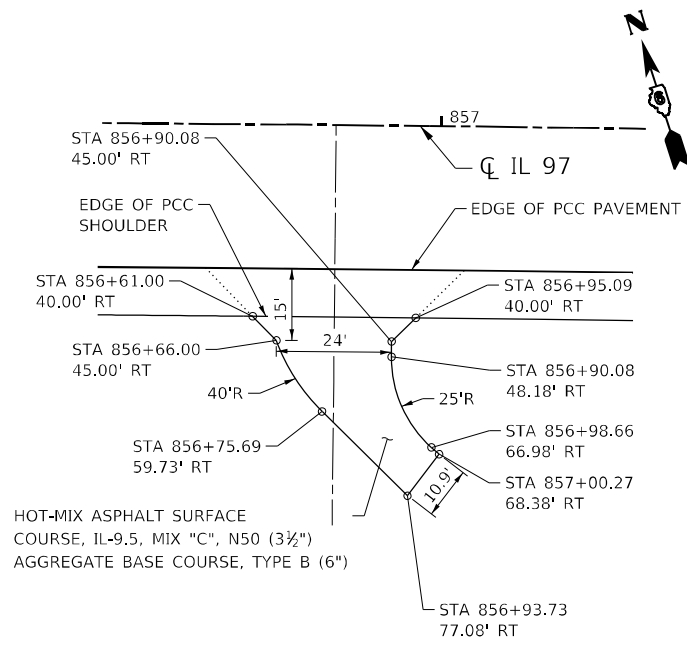
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**ENTRANCE DETAILS**

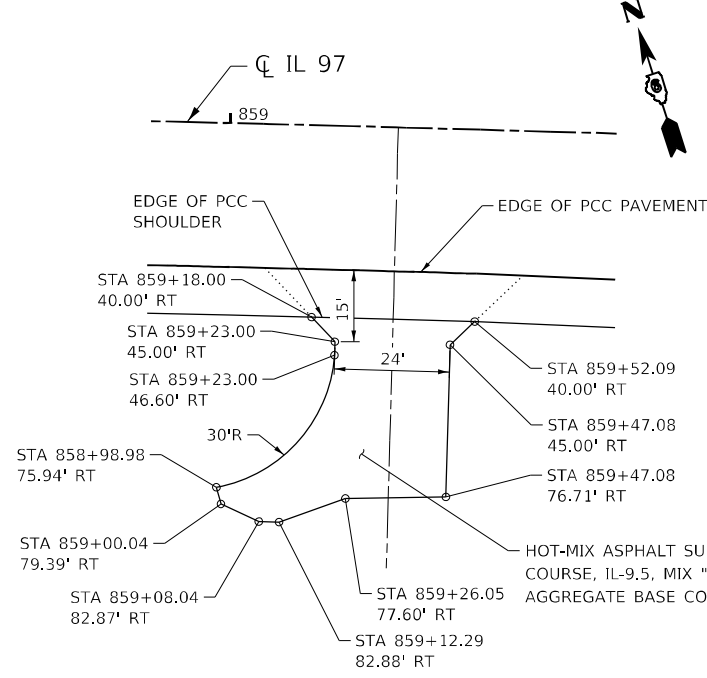
SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	217
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

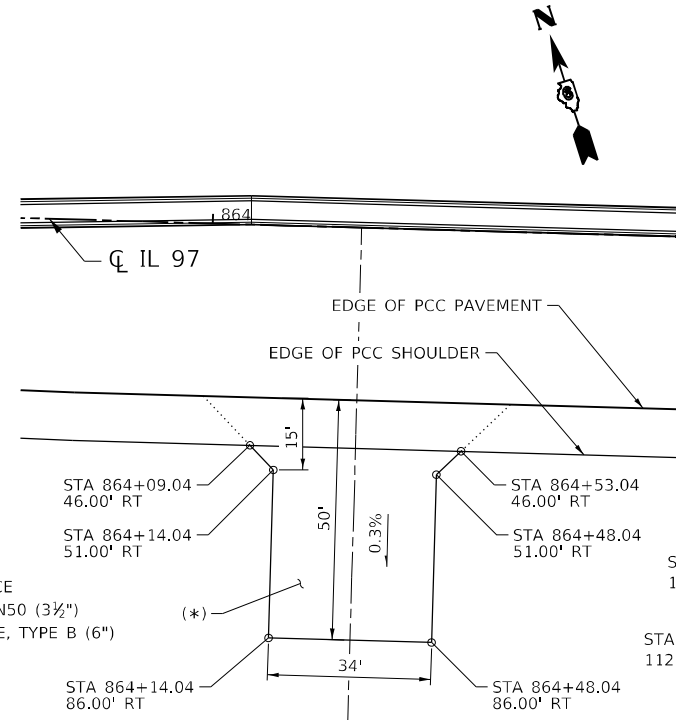
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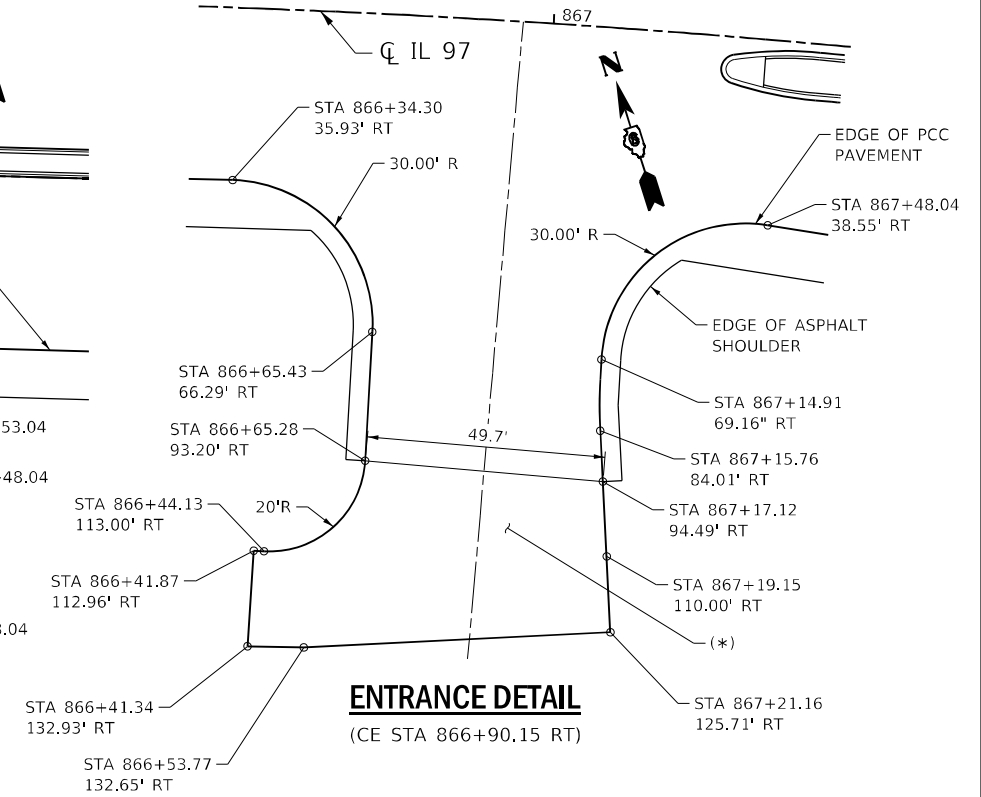
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(PE STA 856+78.04 RT)



**ENTRANCE DETAIL**  
(PE STA 859+35.04 RT)

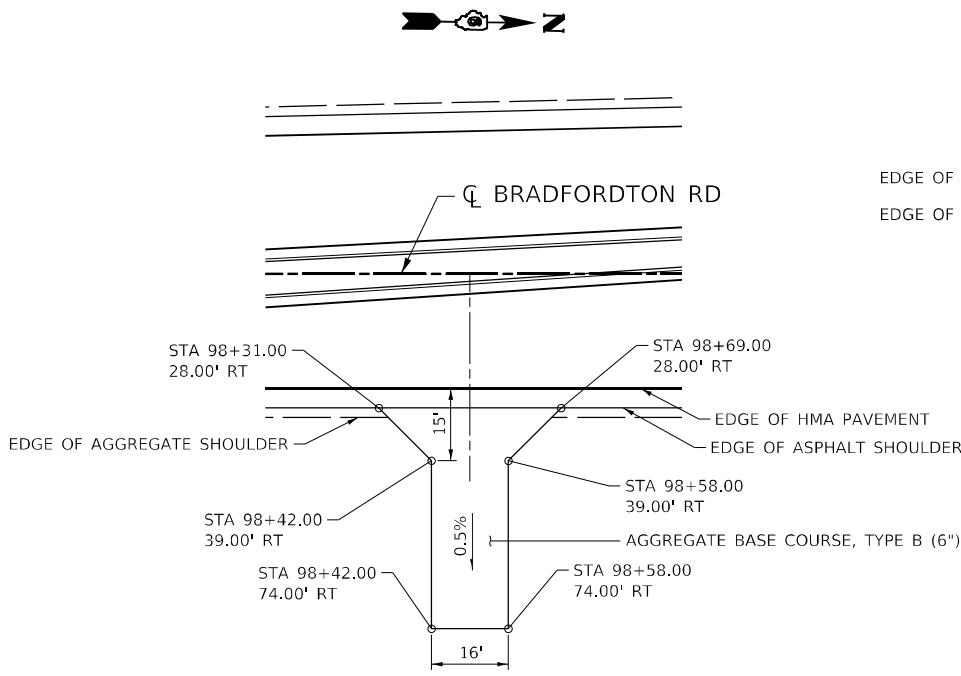


**ENTRANCE DETAIL**  
(CE STA 864+31.04 RT)

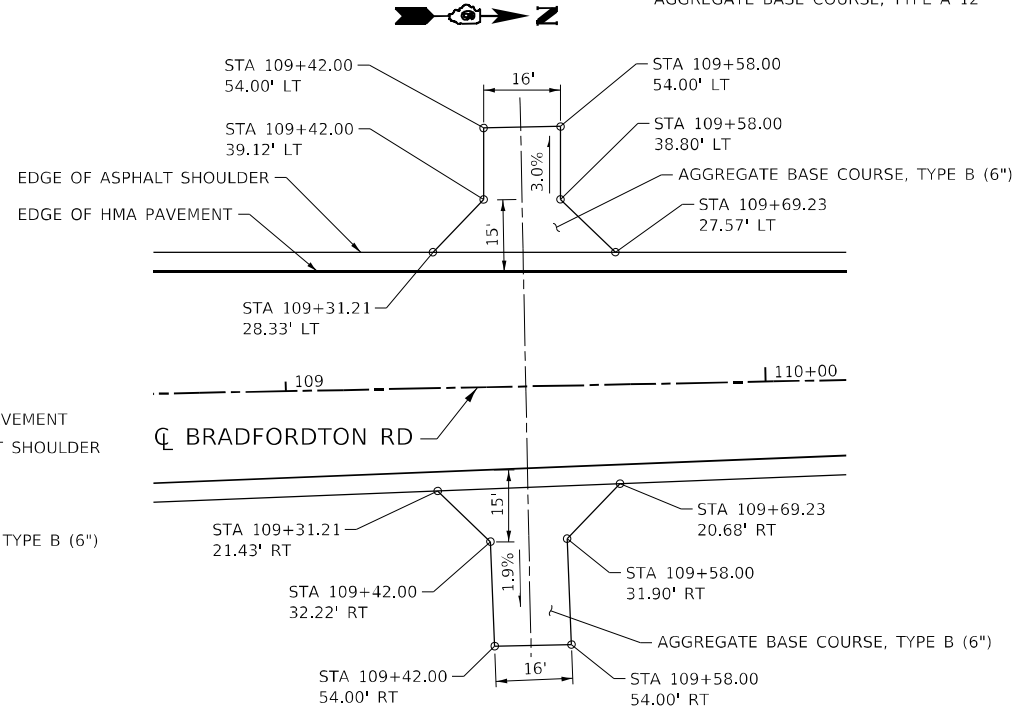


**ENTRANCE DETAIL**  
(CE STA 866+90.15 RT)

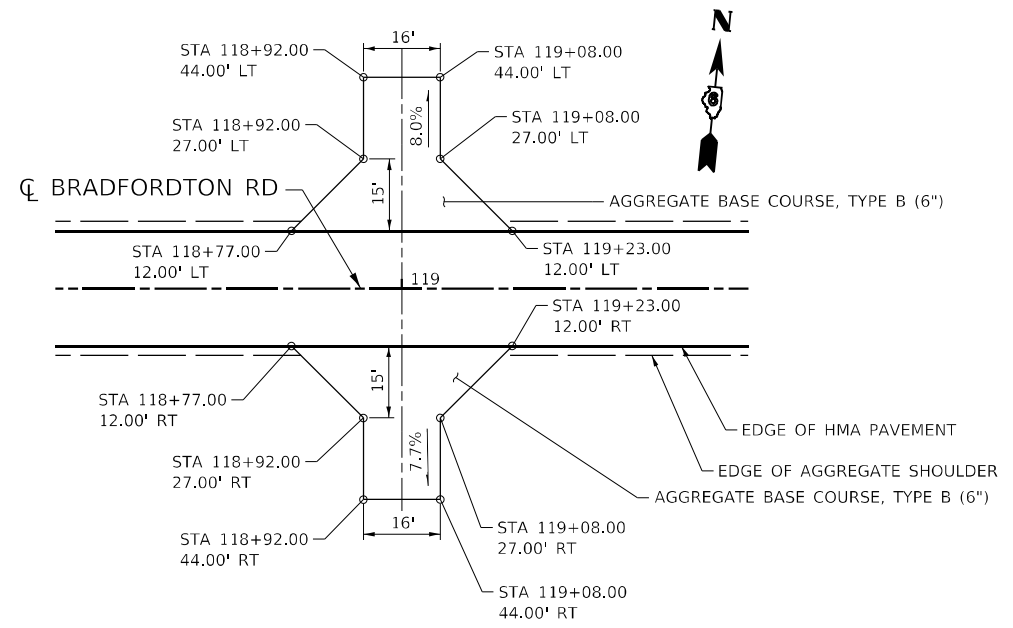
(\*) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (1 1/2")  
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (2 1/4")  
 HOT-MIX ASPHALT BASE COURSE, 4 1/2"  
 AGGREGATE BASE COURSE, TYPE A 12"



**ENTRANCE DETAIL**  
(FE STA 98+50.00 RT)



**ENTRANCE DETAIL**  
(FE STA 109+50.00 LT)  
(FE STA 109+50.00 RT)



**ENTRANCE DETAIL**  
(FE STA 119+00.00 LT)  
(FE STA 119+00.00 RT)



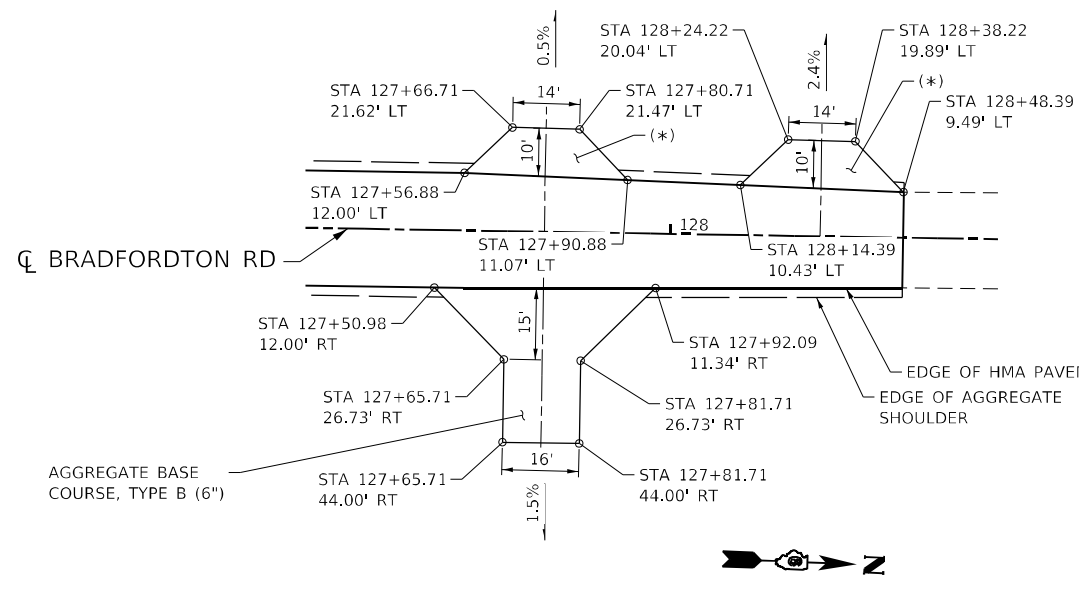
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DRAWN - RG	REVISOR -	
PLOT SCALE = 40,0000' / in.	CHECKED - FBN	REVISED -
PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE DETAILS**

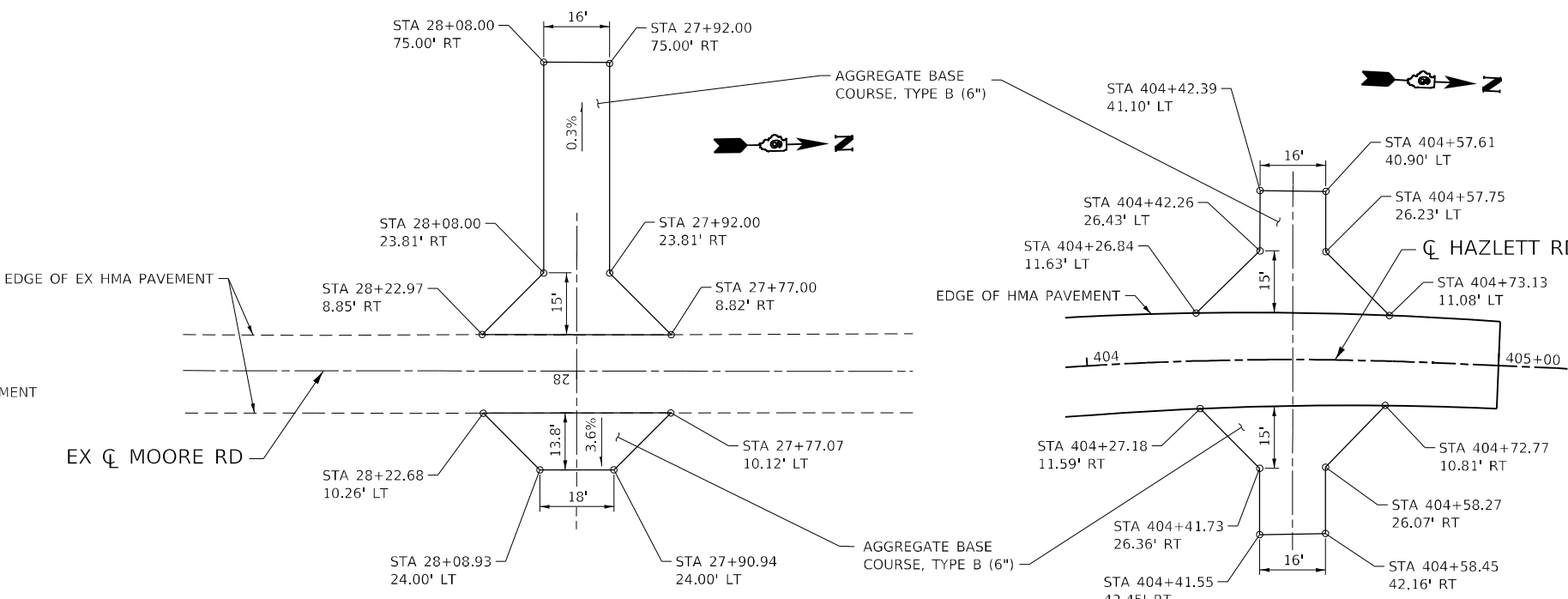
SCALE: 1" = 20' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2-W-2,PB	SANGAMON	412	218
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**ENTRANCE DETAILS**

(PE STA 127+73.71 LT)  
(FE STA 127+73.71 RT)  
(PE STA 128+31.22 LT)

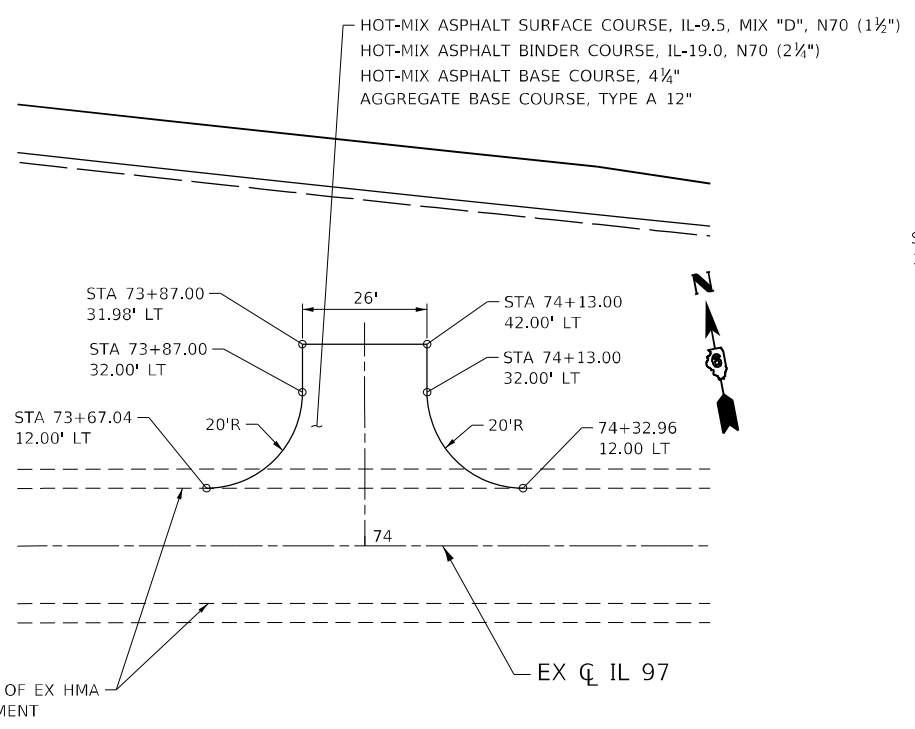
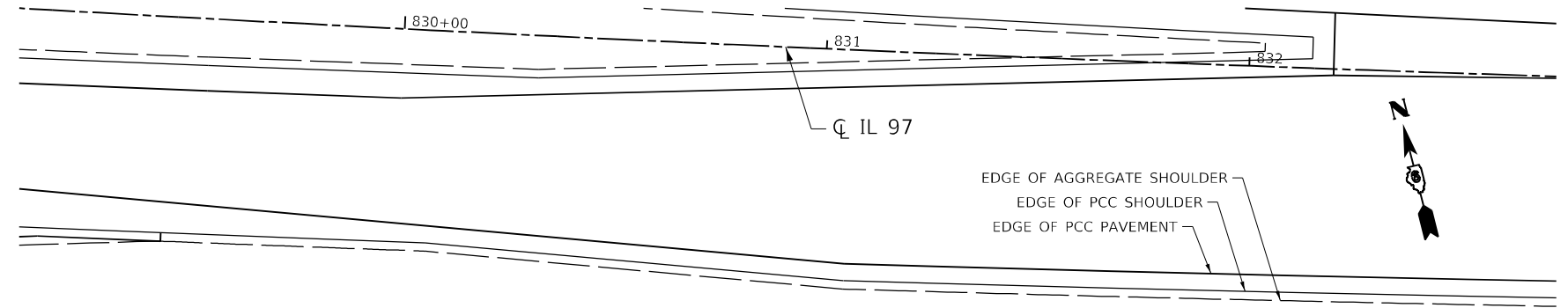


**ENTRANCE DETAIL**

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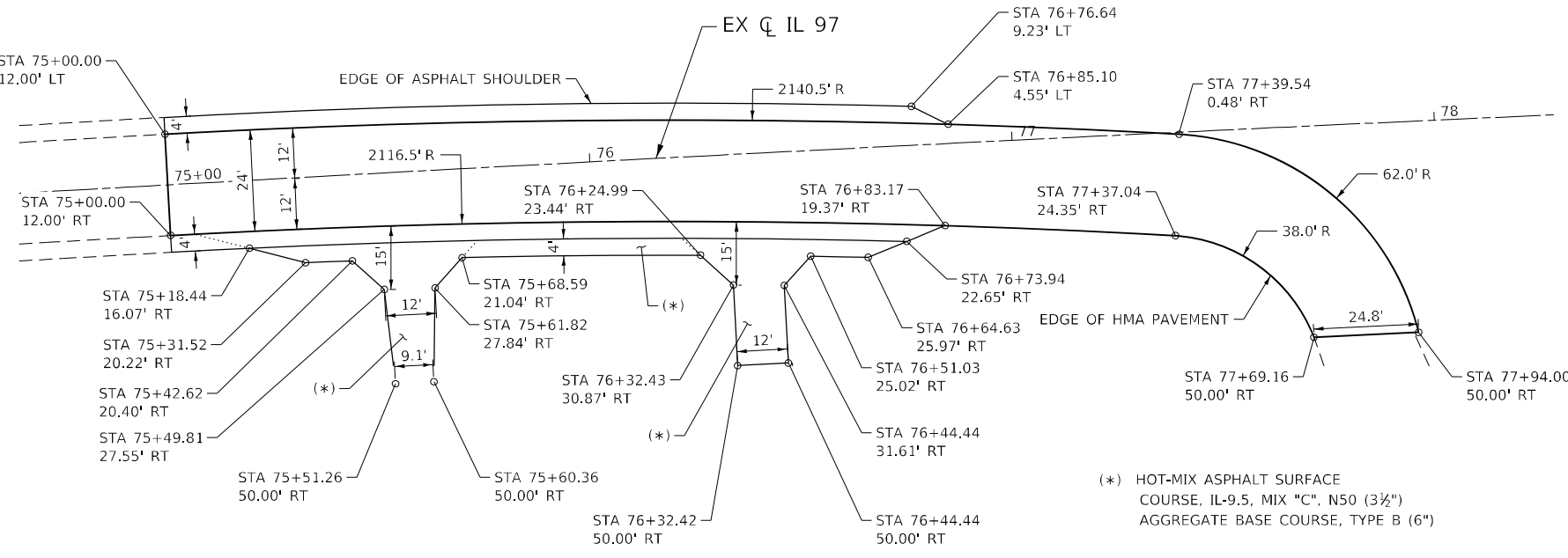
**ENTRANCE DETAILS**

(FE STA 404+50.00 LT)  
(FE STA 404+50.00 RT)



**HAMMERHEAD DETAIL**

(STA 74+00.00)



**ENTRANCE DETAILS**

(PE STA 75+55.81 RT)  
(PE STA 76+38.43 RT)



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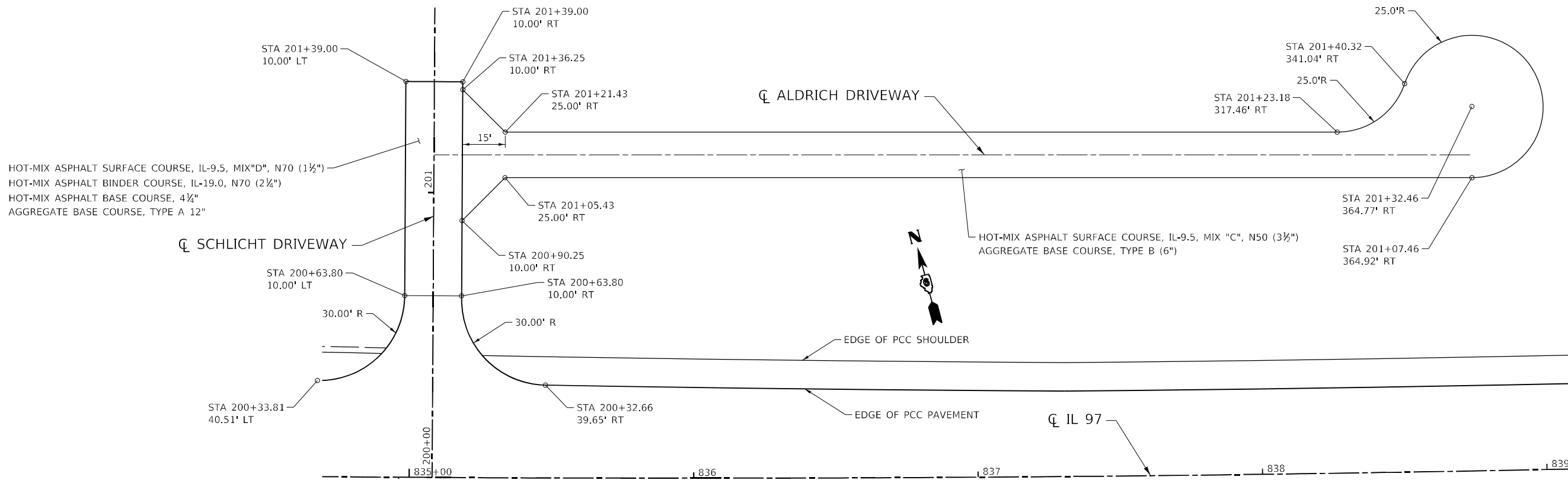


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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ENTRANCE DETAILS</b>			
SCALE: 1" = 20'	SHEET 3 OF 4 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	219
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**ENTRANCE DETAIL**

(PE STA 201+13.28 RT)  
(FE STA 835+08.04 LT)



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PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ENTRANCE DETAILS	
SCALE: 1" = 20'	SHEET 4 OF 4 SHEETS
STA.	TO STA.

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 220
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

### TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING) SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		21 SIDEWALK REMOVAL IN SQ M (SQ FT)
		9 PC CONC SDWLK 100 mm IN SQ M (SQ YD)
		12 PC CONC SDWLK 100 mm SPECIAL IN SQ M (SQ YD)

### TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		200 mm (8") SIGNAL SECTION
		300 mm (12") SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		225 mm ( 9") PEDESTRIAN SIGNAL FACE
		300 mm (12") PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN ( TWISTED )
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR
		VIDEO DETECTION CAMERA
		EMERGENCY VEHICLE PREEMPTOR

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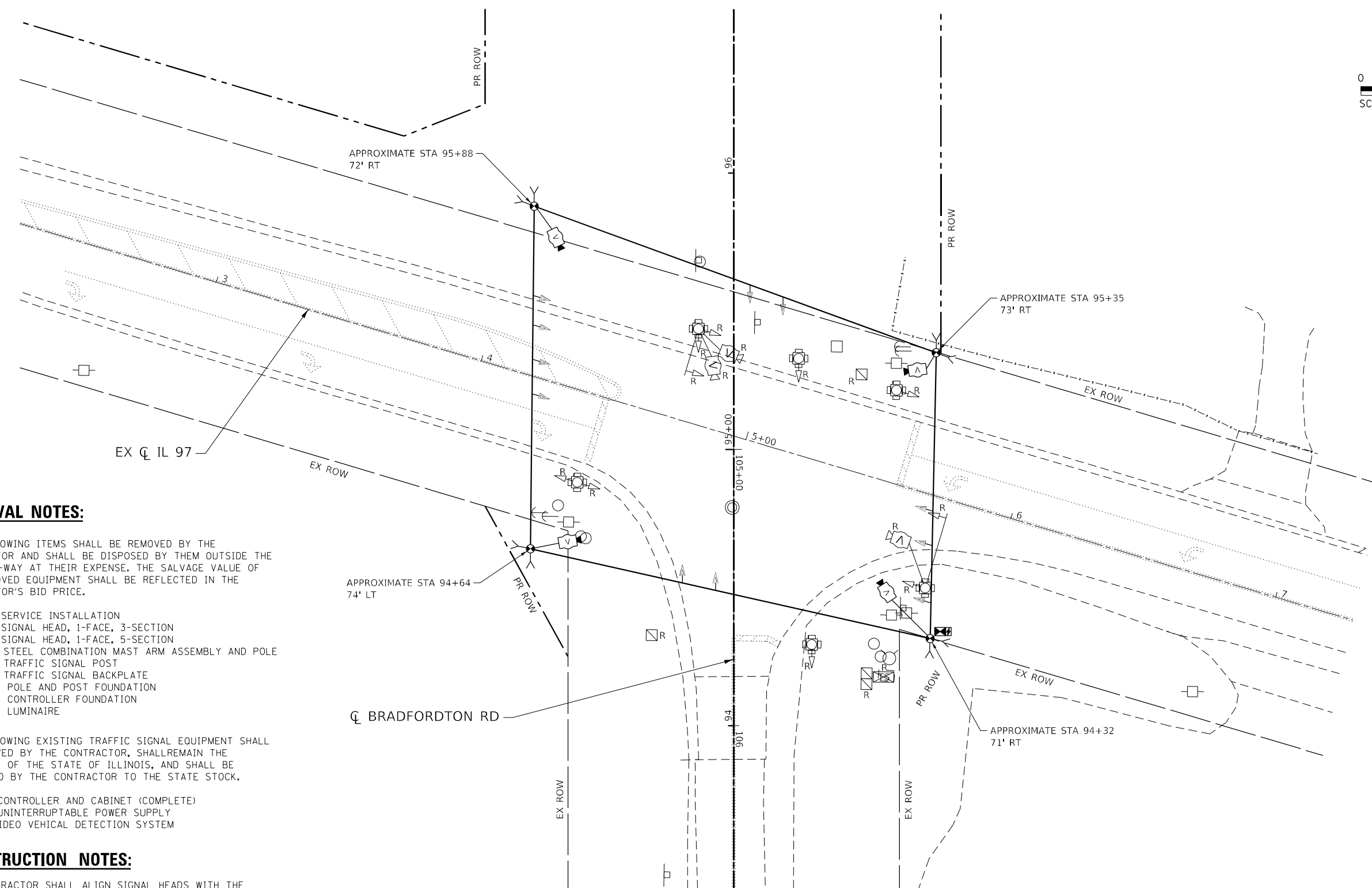
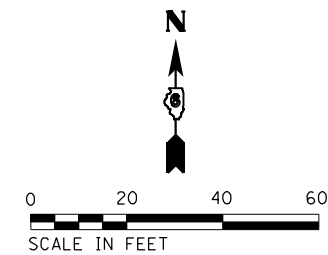
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL LEGEND**

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	221
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**REMOVAL NOTES:**

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACTOR'S BID PRICE.

- 1 EACH SERVICE INSTALLATION
- 6 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 4 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 2 EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
- 4 EACH TRAFFIC SIGNAL POST
- 10 EACH TRAFFIC SIGNAL BACKPLATE
- 6 EACH POLE AND POST FOUNDATION
- 1 EACH CONTROLLER FOUNDATION
- 3 EACH LUMINAIRE

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE OF ILLINOIS, AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE STOCK.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 1 EACH UNINTERRUPTABLE POWER SUPPLY
- 1 EACH VIDEO VEHICAL DETECTION SYSTEM

**CONSTRUCTION NOTES:**

THE CONTRACTOR SHALL ALIGN SIGNAL HEADS WITH THE CENTER OF EACH TEMPORARY LANE DETAILED IN THE MAINTENANCE OF TRAFFIC PLANS AND BAG/UN-BAG SIGNALS AS NECESSARY. THE BAGGING/UN-BAGGING OF THESE SIGNAL HEADS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED WITH THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

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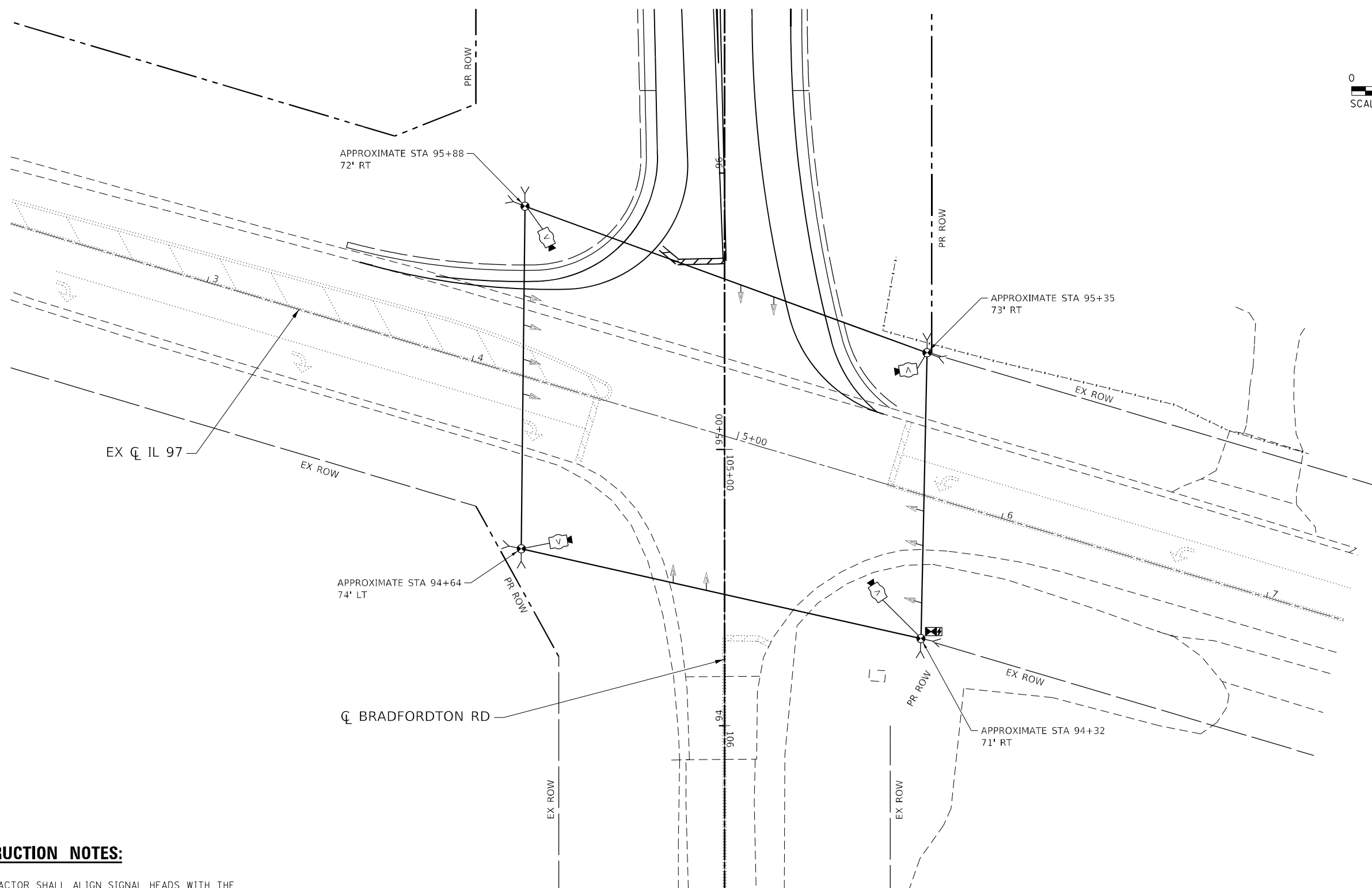
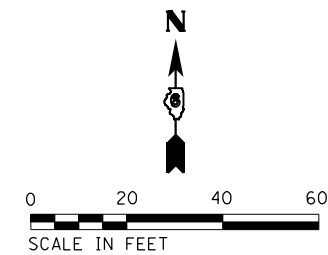
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	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EX IL 97 / BRADFORDTON RD**  
**TEMPORARY TRAFFIC SIGNAL PLAN**  
**STAGE 3**

SCALE: 1" = 20'    SHEET 2 OF 4 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	222
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**CONSTRUCTION NOTES:**

THE CONTRACTOR SHALL ALIGN SIGNAL HEADS WITH THE CENTER OF EACH TEMPORARY LANE DETAILED IN THE MAINTENANCE OF TRAFFIC PLANS AND BAG/UN-BAG SIGNALS AS NECESSARY. THE BAGGING/UN-BAGGING OF THESE SIGNAL HEADS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED WITH THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION".

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 SHEET: EX IL 97 / BRADFORDTON RD  
 DATE: 6/22/2026



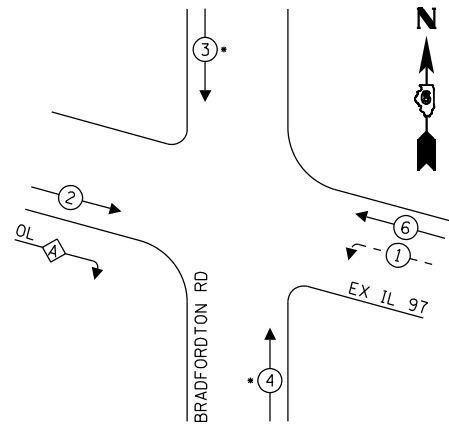
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PLOT SCALE = 40,0000 * / in.	DATE - 05/08/2026	REVISED -
PLOT DATE = 6/22/2026		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EX IL 97 / BRADFORDTON RD TEMPORARY TRAFFIC SIGNAL PLAN FINAL CONDITION</b>	
SCALE: 1" = 20'	SHEET 3 OF 4 SHEETS STA. TO STA.

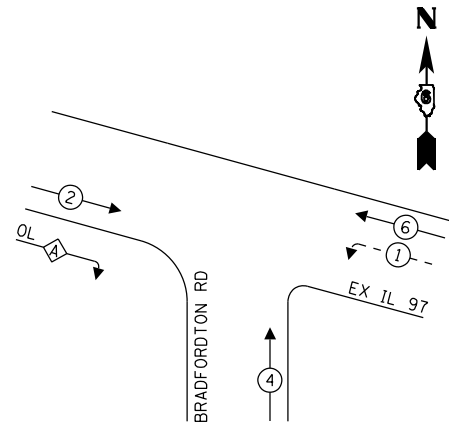
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	223
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

**TEMPORARY CONTROLLER SEQUENCE  
FINAL CONDITION**



OVERLAP LETTER	PROTECTED PHASE
A	4

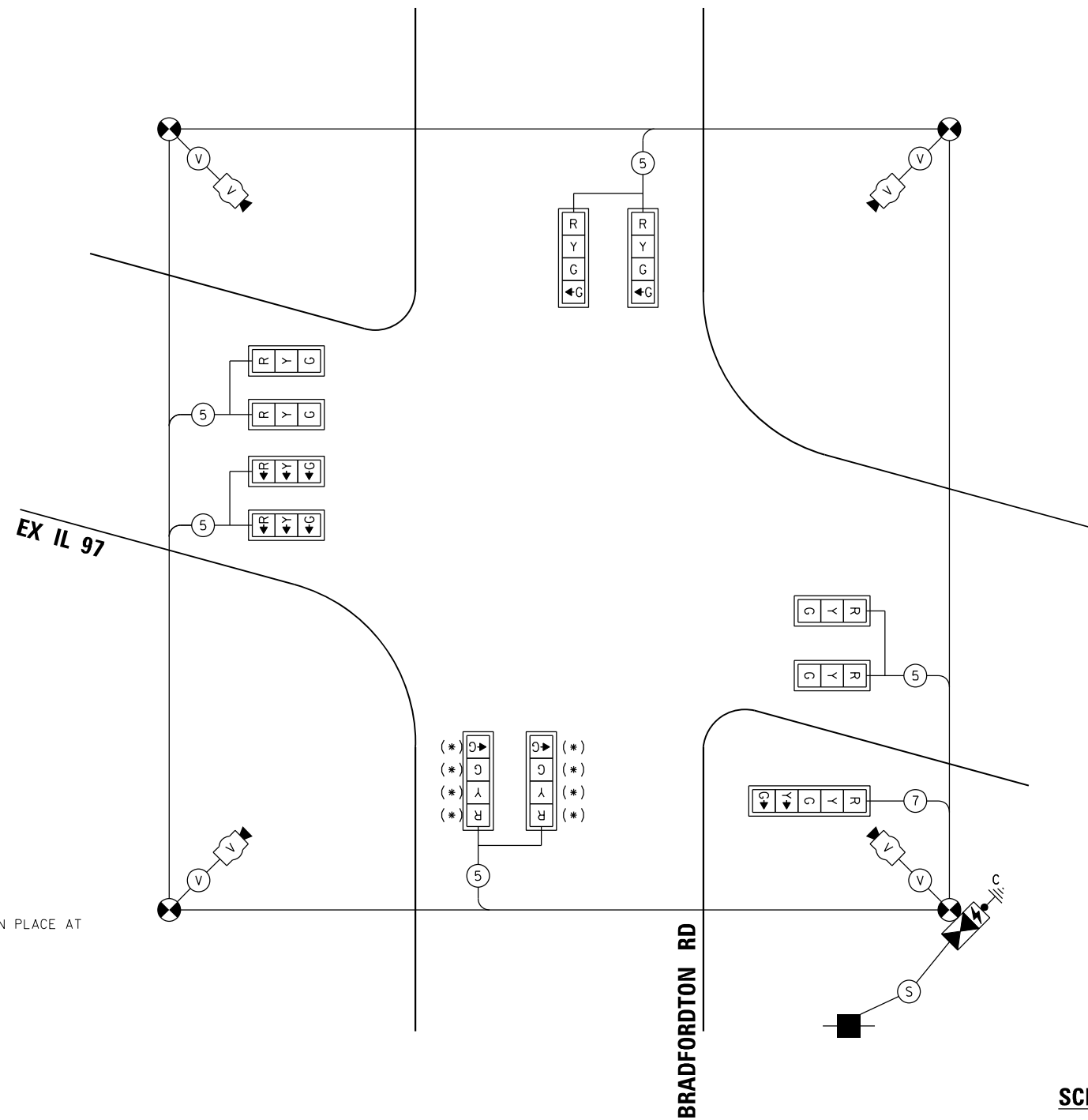
**TEMPORARY CONTROLLER SEQUENCE  
STAGE 3**



OVERLAP LETTER	PROTECTED PHASE
A	4

**CONSTRUCTION NOTES:**

TEMPORARY SIGNALS ARE TO REMAIN IN PLACE AT THE COMPLETION OF THE CONTRACT



(\* ) COVER AND DISCONNECT THESE SECTIONS FOR STAGE 3 TRAFFIC CONFIGURATION. UNCOVER AND CONNECT FOR REMAINING STAGES AND FINAL CONDITION.

**CABLE PLAN**  
(NOT TO SCALE)

**SCHEDULE OF QUANTITIES**

DESCRIPTION	UNIT	QUANTITY
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	2
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

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 QUIGG ENGINEERING INC



USER NAME = FNeison	DESIGNED - NLS	REVISED -
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PLOT DATE = 6/22/2026	CHECKED - FBN	REVISED -
	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EX IL 97 / BRADFORDTON RD  
TEMPORARY CABLE PLAN**

SCALE: NONE SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 224
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

**PROPOSED TRAFFIC SIGNAL NOTES:**

1. WHEN TRANSITIONING FROM TEMPORARY TO PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY.
2. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGNS ATTACHED TO SIGNAL POLES AND MAST ARMS.
3. IDOT OPERATIONS STAFF SHALL BE NOTIFIED 72 HOURS PRIOR TO PROPOSED SIGNAL TURN-ON. OPERATIONS STAFF SHALL BE PRESENT AT THE TIME OF TURN-ON TO PROGRAM AND APPROVE OF SIGNAL TIMING AND DETECTION LAYOUT.  
PHONE: 217-622-2472

**SUMMARY OF TRAFFIC SIGNAL QUANTITIES**

NO.	ITEM	UNIT	TOTAL QUANTITY
72000100	SIGN PANEL - TYPE 1	SQ FT	39
72000200	SIGN PANEL - TYPE 2	SQ FT	62
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	38
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	488
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	546
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	6
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	9
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,883
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	4
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,755
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,685
87301705	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	1,009
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	60
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	800
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	8
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
87703050	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.	EACH	1
87703070	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 66 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	28
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	46
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	12
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	29
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1
X8710103	ETHERNET SWITCH	EACH	1
X8891013	VIDEO VEHICLE DETECTION SYSTEM, 4 CAMERA	EACH	1

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PLOT DATE = 6/22/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL GENERAL NOTES & SCHEDULE OF QUANTITIES  
IL ROUTE 97 AT N BRADFORDTON ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	225
CONTRACT NO. 92621				
		ILLINOIS	FED. AID PROJECT	

### TRAFFIC SIGNAL PLAN LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
ALUMINUM MAST ARM ASSEMBLY AND POLE			
STEEL MAST ARM ASSEMBLY AND POLE			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			
SIGNAL POST			
CONTROLLER CABINET			
MASTER CONTROLLER			
RAILROAD CONTROLLER			
UNINTERRUPTABLE POWER SUPPLY			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM			
TEMPORARY WOOD POLE W/ GUY			
SERVICE INSTALLATION (P) POLE OR (G) GROUND MOUNT			
TEMPORARY SIGNAL HEAD			
SIGNAL HEAD (NUMBER INDICATE NUMBER OF SECTIONS)			
SIGNAL HEAD WITH BACKPLATE			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN PUSH-BUTTON DETECTOR			
ACCESSIBLE PEDESTRIAN PUSH-BUTTON DETECTOR			
PRIORITY VEHICLE DETECTOR			
CONFORMATION BEACON			
VIDEO DETECTOR SYSTEM			
HANDHOLE			
DOUBLE HANDHOLE			
HEAVY DUTY HANDHOLE			
JUNCTION BOX			
GULFBOX JUNCTION			
CONDUIT SPLICE			

ITEM	REMOVAL	EXISTING	PROPOSED
DETECTOR LOOP LARGE			
DETECTOR LOOP SMALL			
QUADRAPOLE DETECTOR LOOP			
DIRECT CONNECTED LOOP LEAD-IN (TWISTED)			
UNDERGROUND CONDUIT (UC)			

LENGTH - CONSTRUCTION (T=TRENCH, P=PUSHED, A=AGUERED, E= EXISTING)  
 SIZE - TYPE (S=STEEL, P=PVC, F=FIBER DUCT, U=UNI-DUCT)

### TRAFFIC SIGNAL DETAIL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
SIGNAL SECTION - SOLID RED			
SIGNAL SECTION - SOLID YELLOW			
SIGNAL SECTION - SOLID GREEN			
SIGNAL SECTION - RED TURN ARROW			
SIGNAL SECTION - YELLOW TURN ARROW			
SIGNAL SECTION - FLASHING YELLOW ARROW			
SIGNAL SECTION - GREEN TURN ARROW			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN SIGNAL HEAD W/ COUNTDOWN TIMER			
TRAFFIC SIGNAL BACKPLATE			
SIGNAL SECTION WITH LOUVRE			
SIGNAL SECTION WITH DUAL INDICATION			
ELECTRIC CABLE (NUMBER INDICATES NUMBER OF CONDUCTORS)			
ELECTRIC CABLE IDENTIFIER TAPE CODES (R=RED, W=WHITE, Y=YELLOW, G=GREEN, B=BLUE, O=ORANGE, V=VIOLET, P=PINK)			
DETECTOR LOOP			
QUADRAPOLE DETECTOR LOOP			

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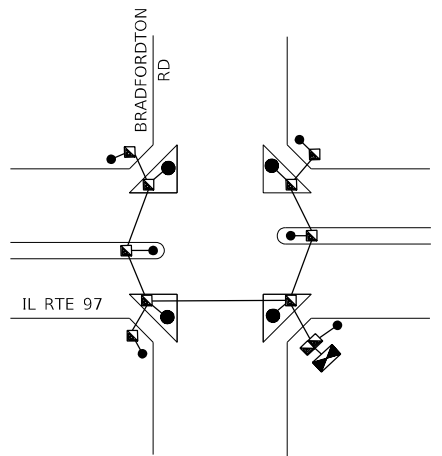
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

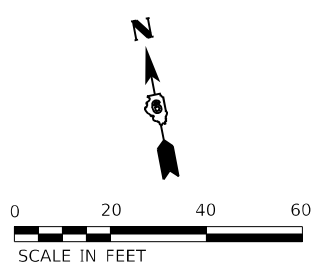
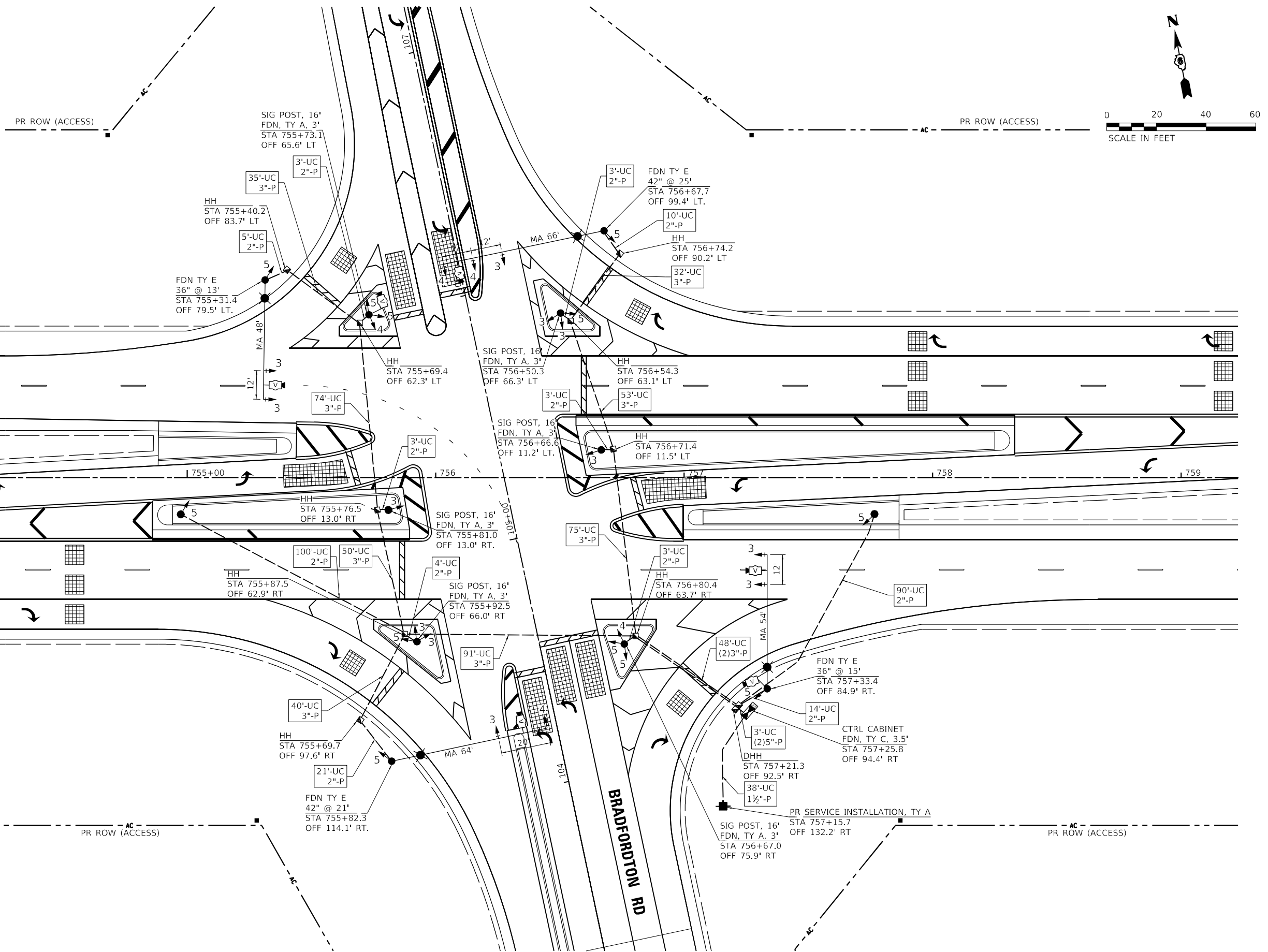
DISTRICT SIX TRAFFIC SIGNAL LEGEND STANDARD  
 IL ROUTE 97 (W JEFFERSON STREET) AT N BRADFORDTON ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 226
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**PROPOSED GROUNDING DIAGRAM**



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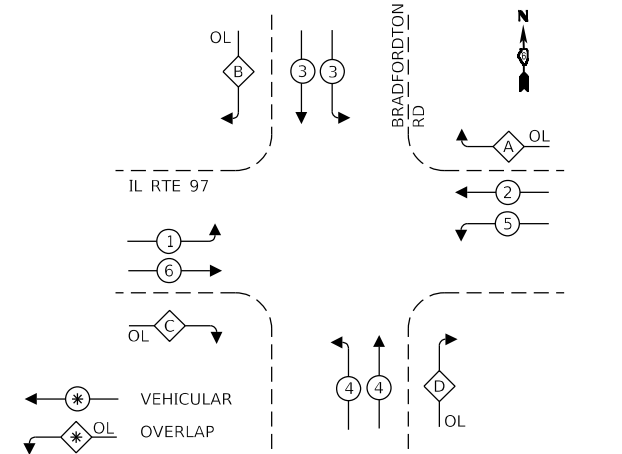
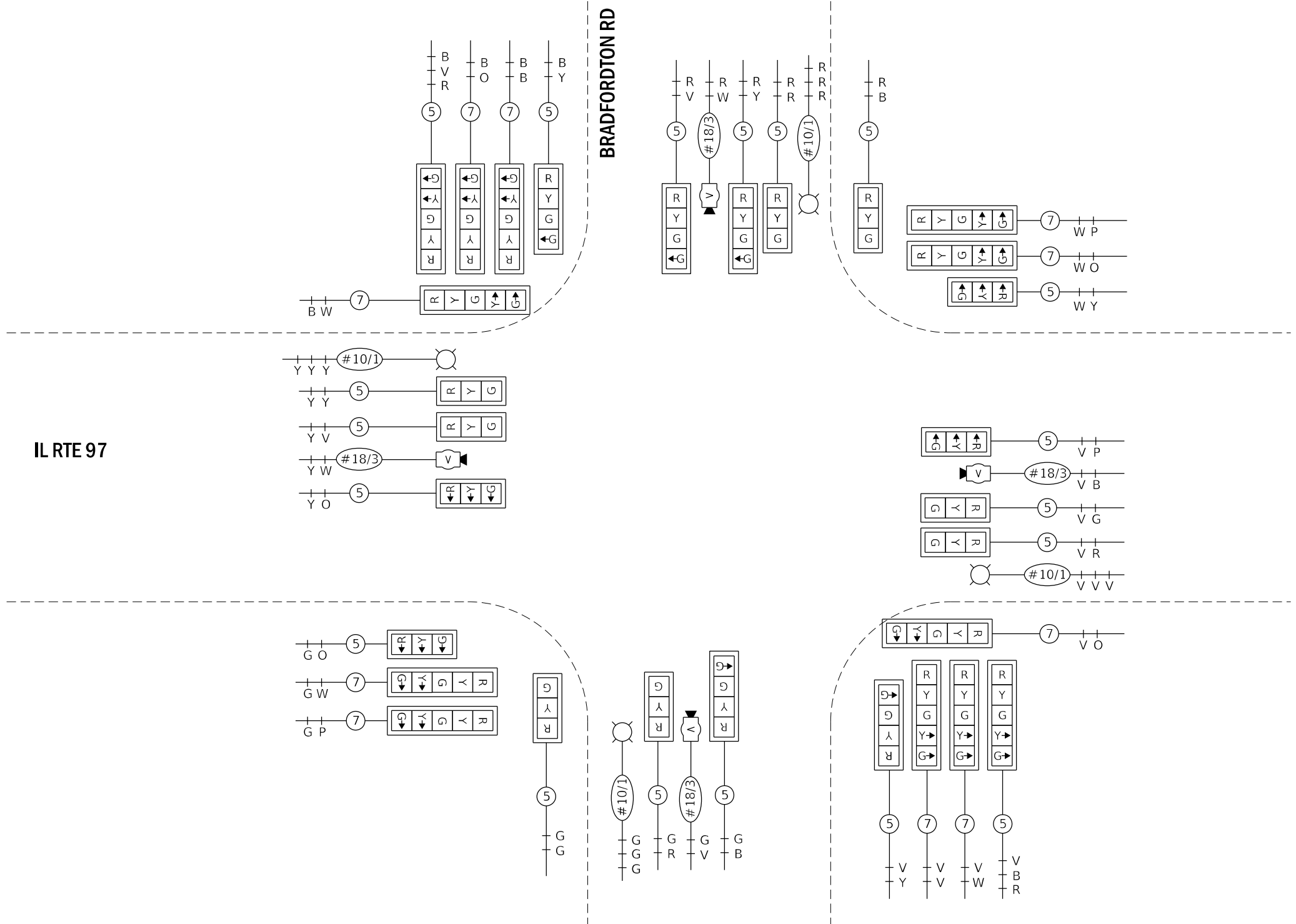
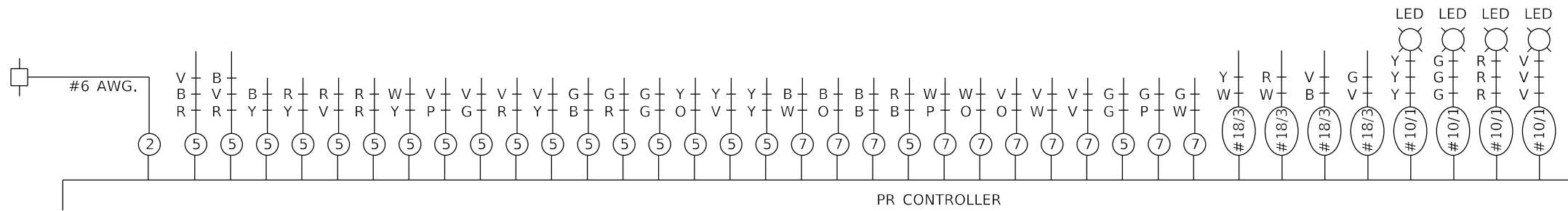
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PLOT DATE = 6/22/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNAL INSTALLATION PLAN**  
**IL ROUTE 97 AT N BRADFORDTON ROAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	227
CONTRACT NO. 92621				
		ILLINOIS	FED. AID PROJECT	



**PROPOSED PHASE DESIGNATION DIAGRAM**  
(NOT TO SCALE)

**RIGHT TURN OVERLAP PHASE DESIGNATION**

OVERLAP LETTER	=	PROTECTED PHASE
A	=	3
B	=	1
C	=	4
D	=	5

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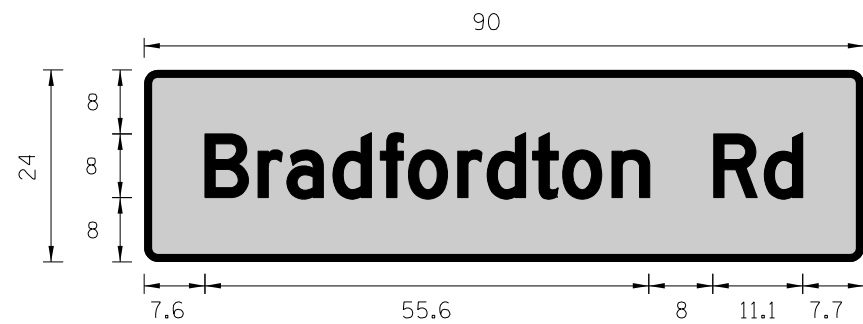
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	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

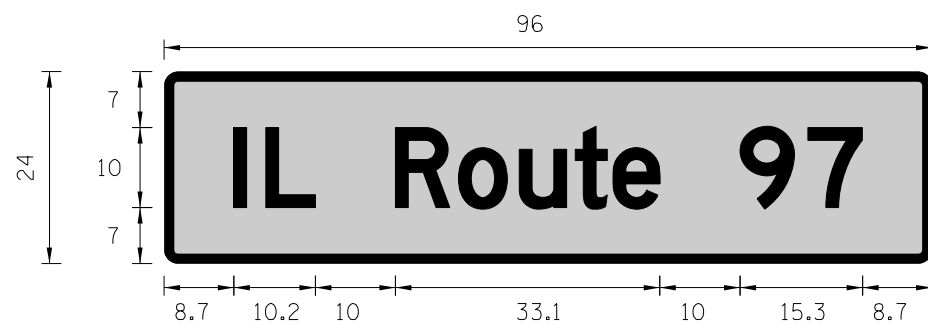
**PROPOSED TRAFFIC SIGNAL DETAIL  
IL ROUTE 97 AT N BRADFORDTON ROAD**

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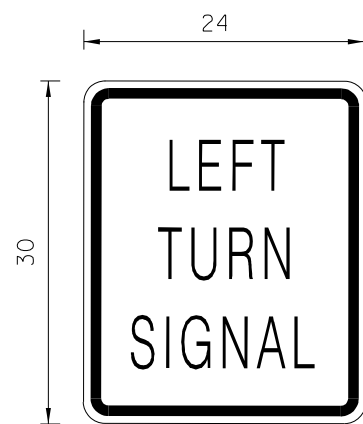
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CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



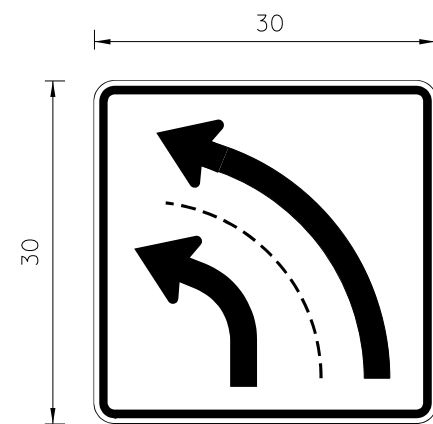
BORDER R=3.0" TH=1.0" WHITE ON GREEN  
 "Bradfordton Rd" D 2000



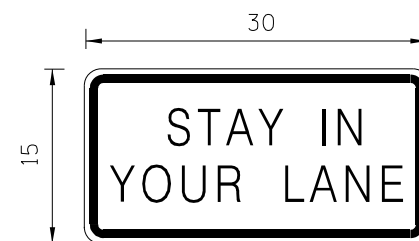
BORDER R=3.0" TH=1.0" WHITE ON GREEN  
 "IL Route 97" D 2000



**R10-10**



**RXX-XX**



**RXX-XX**

**SIGN INSTALLATION SCHEDULE**

STATION	OFFSET (FT)	LT / RT	MOUNTING	SIGN CODE	SIGN DESCRIPTION	LENGTH	WIDTH	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2
755+81.0	13.0	RT	SIGNAL POST	R10-10	LEFT TURN SIGNAL	2.00	2.50	5.00	
755+92.5	66.0	RT	MAST ARM	R10-10	LEFT TURN SIGNAL	2.00	2.50	5.00	
				D3-1	ILLINOIS RTE 97	8.00	2.00		16.00
756+67.0	75.9	RT	MAST ARM POLE	R10-10	LEFT TURN SIGNAL	2.00	2.50	5.00	
			MAST ARM	D3-1	BRADFORDTON RD	7.50	2.00		15.00
756+71.4	11.5	LT	SIGNAL POST	R10-10	LEFT TURN SIGNAL	2.00	2.50	5.00	
756+50.3	66.3	LT	MAST ARM	R10-10	LEFT TURN SIGNAL	2.00	2.50	5.00	
				RXX-XX	DUAL LEFT TURN LANES	2.50	2.50	6.25	
				RXX-XX	STAY IN YOUR LANE	1.25	2.50	3.13	
				D3-1	ILLINOIS RTE 97	8.00	2.00		16.00
755+73.1	65.6	LT	MAST ARM POLE	R10-10	LEFT TURN SIGNAL	2.00	2.50	5.00	
			MAST ARM	D3-1	BRADFORDTON RD	7.50	2.00		15.00

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	DRAWN - EEC	REVISED -
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PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

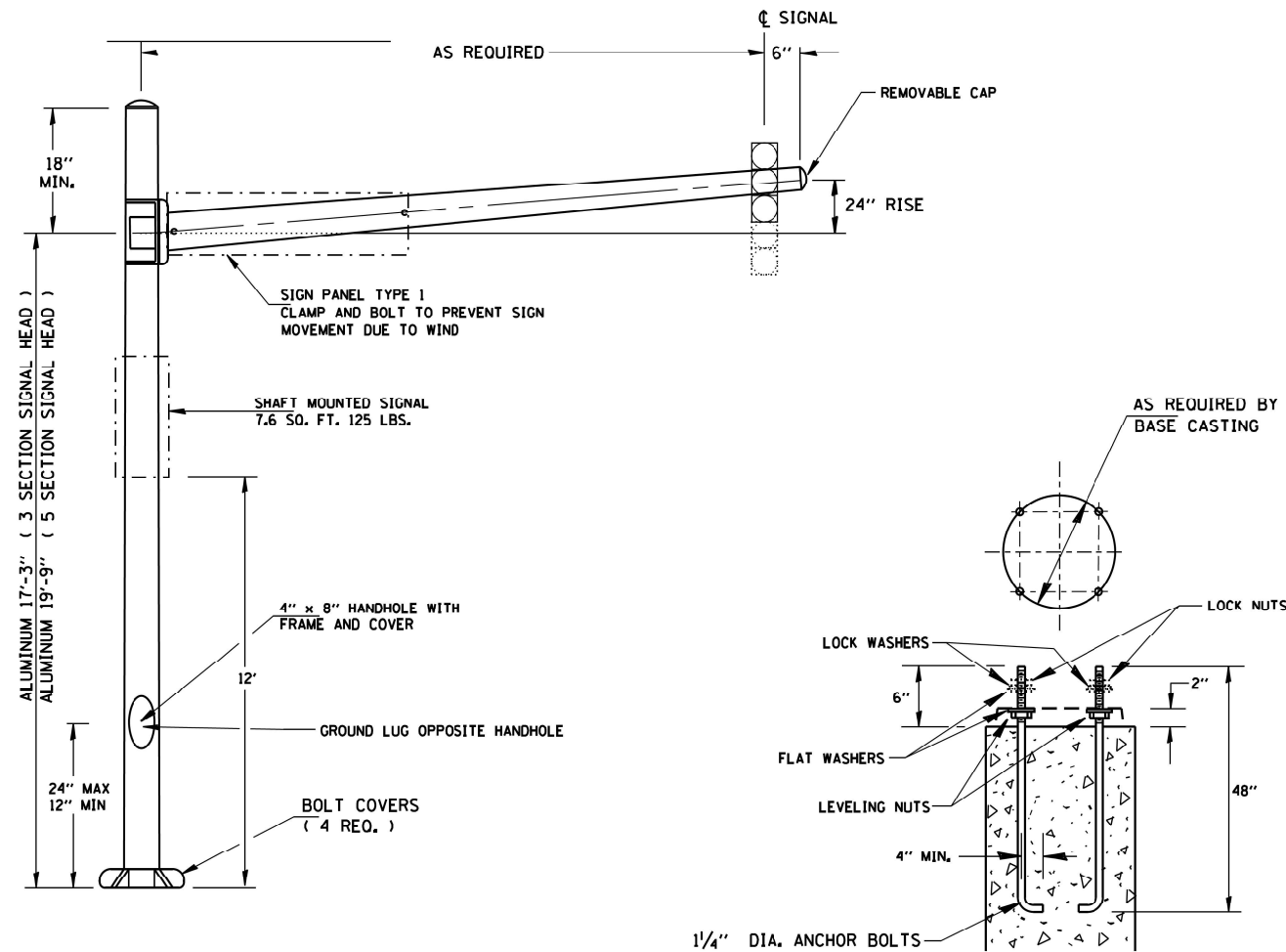
**SIGNAGE DETAILS  
 IL ROUTE 97 AT N BRADFORDTON ROAD**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	229
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

SCHEDULE FOR MAST ARM MOUNTED STREET NAME SIGNS

QUANTITY EACH	FORMAT	LETTER SIZE	LOCATION	SIGN SIZE			SIGN PANEL	
				WIDTH	HEIGHT	SO. FT.	TYPE 1	TYPE 2



NUTS, LOCKWASHERS AND FLATWASHERS SHALL BE GALVANIZED STEEL, 4 EACH REQUIRED. (REFER TO ARTICLE 710.12 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION)

1. THIS STANDARD SHALL BE DESIGNED TO SUPPORT ONE 80 LB. SIGNAL HEAD OF 14.7 SQ. FT. PROJECTED AREA AT THE FREE END OF THE MAST ARM AND ONE 125 LB. SIGNAL HEAD OF 7.6 SQ. FT. PROJECTED AREA MOUNTED 12 FT. UP ON THE SHAFT OR THE SIGNAL LOADINGS SHOWN ON THE PLANS, WHICHEVER IS GREATER. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS OF THE MAST ARM ASSEMBLY TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION. THESE DRAWINGS SHALL BE AT LEAST 17 IN. BY 22 IN. IN SIZE AND OF ADEQUATE QUALITY FOR MICROFILMING.
3. HOLES IN THE SHAFT FOR WIRE INLET AND BACK CLAMP BOSSES SHALL BE DRILLED IN THE FIELD.
4. OTHER ALLOYS, ACCEPTABLE BY AASHTO, WHICH SATISFY OR EXCEED THE DESIGN REQUIREMENTS MAY BE USED IF APPROVED BY THE ENGINEER.
5. HIGH STRENGTH ANCHOR BOLTS, WHEN USED, SHALL BE SPECIFIED WITH ASTM SPECIFICATIONS INDICATING MINIMUM YIELD AND TENSILE STRENGTH.
6. THE SIGNAL HEAD ( INCLUDING BACKPLATE WHEN USED ) SHALL BE NOT LESS THAN 16'-0" OR MORE THAN 18'-0" ABOVE THE ROADWAY.

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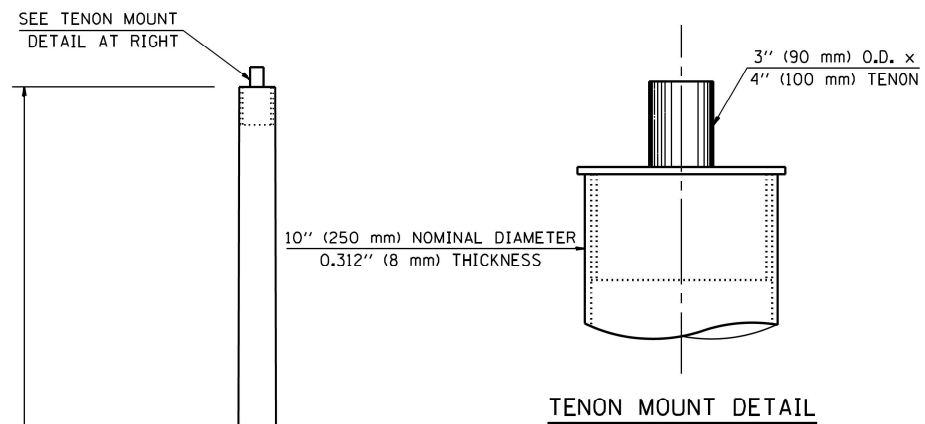
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

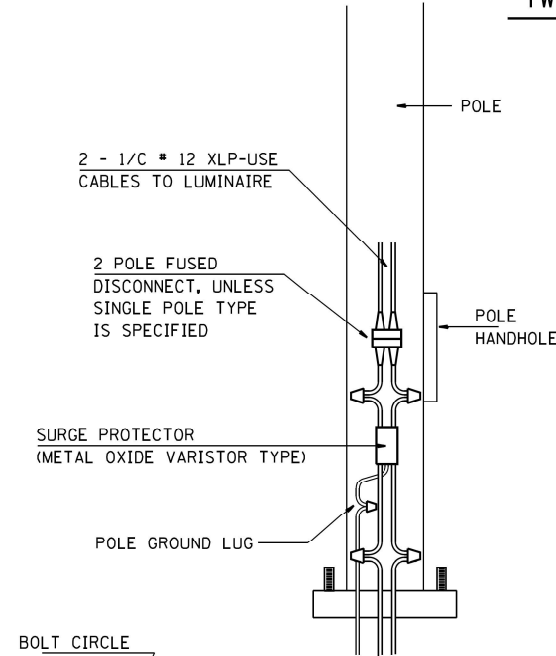
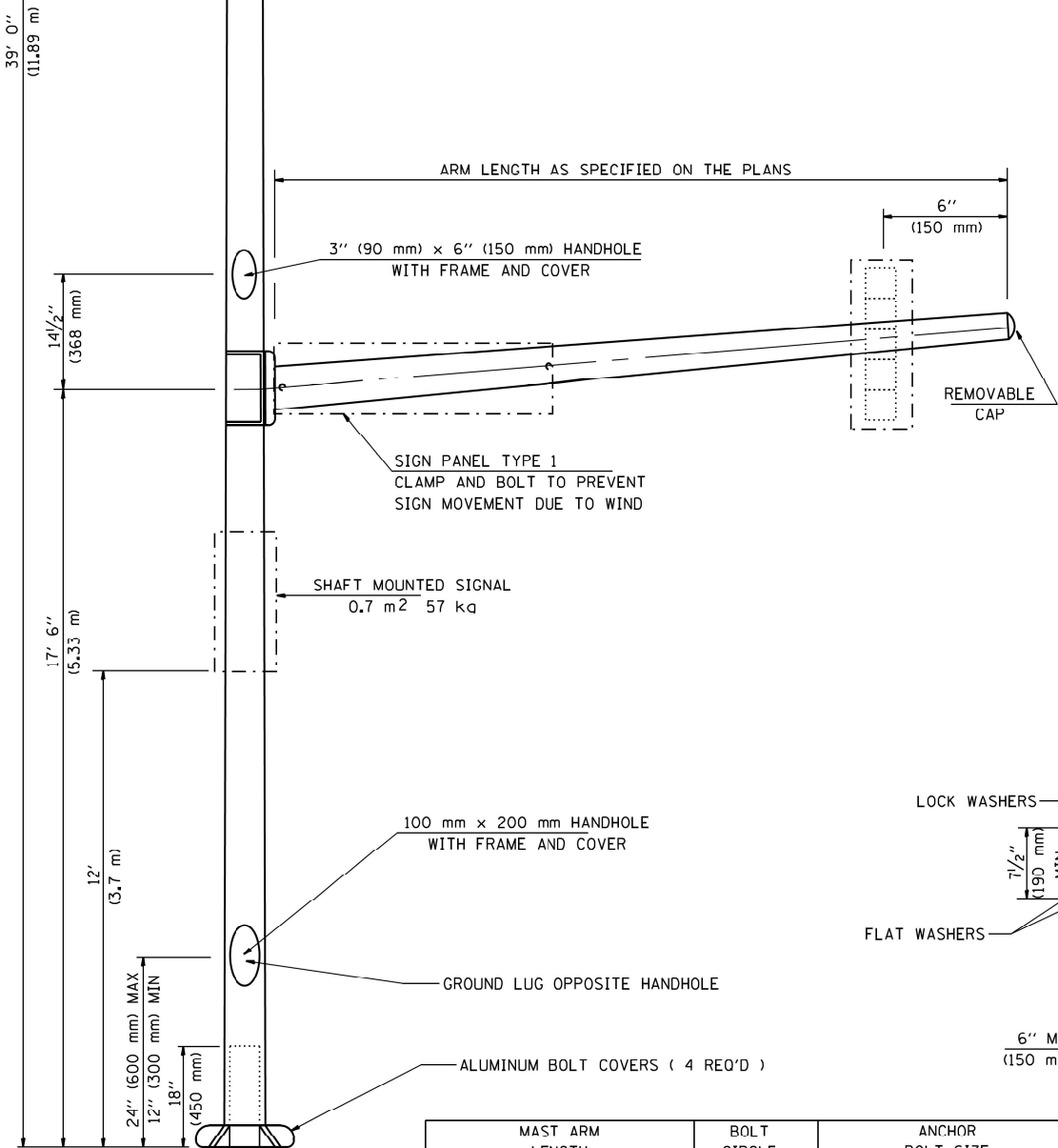
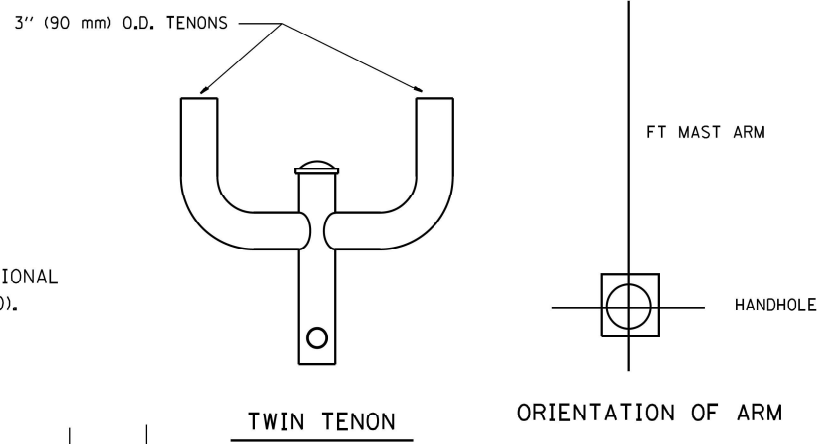
DISTRICT SIX  
ALUMINUM MAST ARM ASSEMBLY AND POLE DETAIL

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

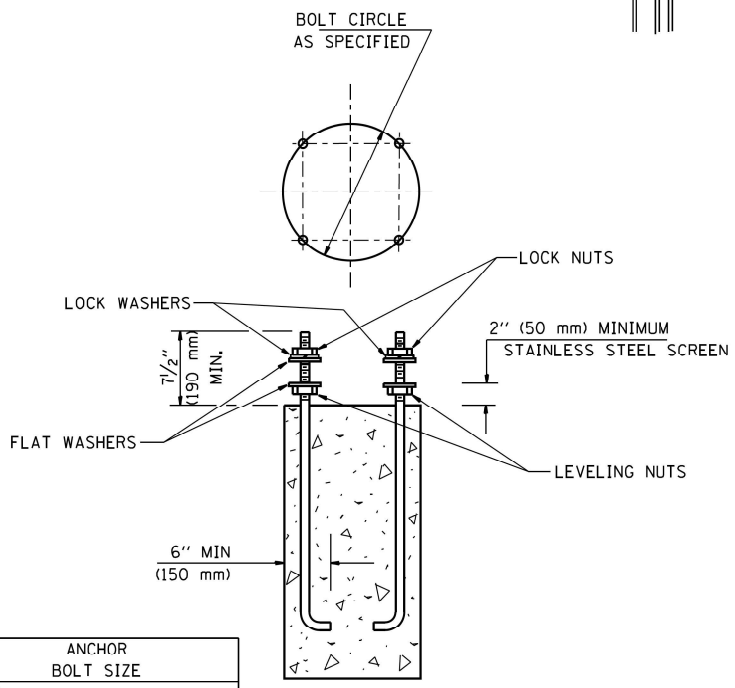
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	230
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



INSTALL AND ORIENT ARM BRACKET OVER POLE TENON AND FIRMLY HAND TIGHTEN THE TWO SET SCREWS. USE THIRD HOLE IN ARM BRACKET AS A GUIDE TO DRILL A 2/64" (8 mm) DIA. HOLE THROUGH TENON. INSTALL AND TIGHTEN SET SCREWS AN ADDITIONAL 1/4 TO 3/8 TURN WITH HEX KEY (NOT INCLUDED). INSTALL LOCK NUTS ON SET SCREWS IF THREADED PROJECTION ALLOWS.



- GENERAL NOTES**
- The combination mast arm assembly and pole shall be constructed with one piece mast arms and pole or other equivalent sectional design.
  - The standard shall be designed to support one 80 lbs (36 kg) signal head with a projected area of 14.7 square feet (1.37 m<sup>2</sup>) at the free end of the mast arm, one 50 lbs (22.7 kg) signal head with a projected area of 8.7 square feet (0.8 m<sup>2</sup>) mounted 12 feet (3.7 m) inward on the mast arm, one 125 lbs (57 kg) signal head with a projected area of 7.6 square feet (0.7 m<sup>2</sup>) mounted 12 feet (3.7 m) high on the shaft, one 55 lbs (24.9 kg) luminaire with a projected area of 3 square feet (0.3 m<sup>2</sup>), and a sign panel 2'-6" (0.7 m) by 6'-0" (1.83 m) mounted as shown on Standard 2380 or the loadings shown on the plans, whichever is greater. The design shall be in accordance with the requirements of the current "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals" as published by the American Association of State Highway and Transportation Officials for 80 mph (129 km/h) wind velocity.
  - The contractor shall submit detailed drawings showing design materials, thickness of sections, weld sizes, and anchor bolts to the Engineer for approval prior to fabrication. These drawings shall be at least 17 inches (432 mm) by 22 inches (559 mm) in size and of adequate quality for microfilming.
  - The type of signal head mounting bracket to be used shall be approved by the Engineer.
  - The signal head (including backplate when used) shall be not less than 16' (4.8 m) or more than 18' (5.5 m) above the crown of the pavement.
  - The manufacturer will be allowed to slot the base plate in which other bolt circles may fit providing that these slots do not offset the integrity of the pole.
  - Combination mast arm assemblies and poles shall not be installed without the luminaire.
  - The anchor bolts shall conform to the requirements of Article 706.09 of the Standard Specifications for Road and Bridge Construction.
  - Luminaire shall comply with Section 962 of the Standard Specifications for Road and Bridge Construction. It includes luminaire, lamp and surge protector.
  - Cable for luminaire shall conform to Section 952 and 785.03 of the Standard Specifications for Road and Bridge Construction. It includes cable and fused quick disconnect.
  - Luminaire mast arms shall comply with Article 785.10 of the Standard Specifications for Road and Bridge Construction and may be either "clamp on" type or davit type.
  - Fused disconnect or circuit breaker shall conform to Article 785.05 of the Standard Specifications for Road and Bridge Construction.
  - Cable shall be installed in traffic signal conduit unless otherwise noted.



MAST ARM LENGTH	BOLT CIRCLE	ANCHOR BOLT SIZE
16' (4.87 m) THRU 28' (8.53 m)	15" (380 mm)	1 1/2" (38 mm) x 60" (1.5 m)
30' (9.14 m) THRU 24' (12.8 m)	18" (450 mm)	1 1/2" (38 mm) x 60" (1.5 m)
44' (13.41 m)	18" (450 mm)	1 3/4" (44 mm) x 60" (1.5 m)

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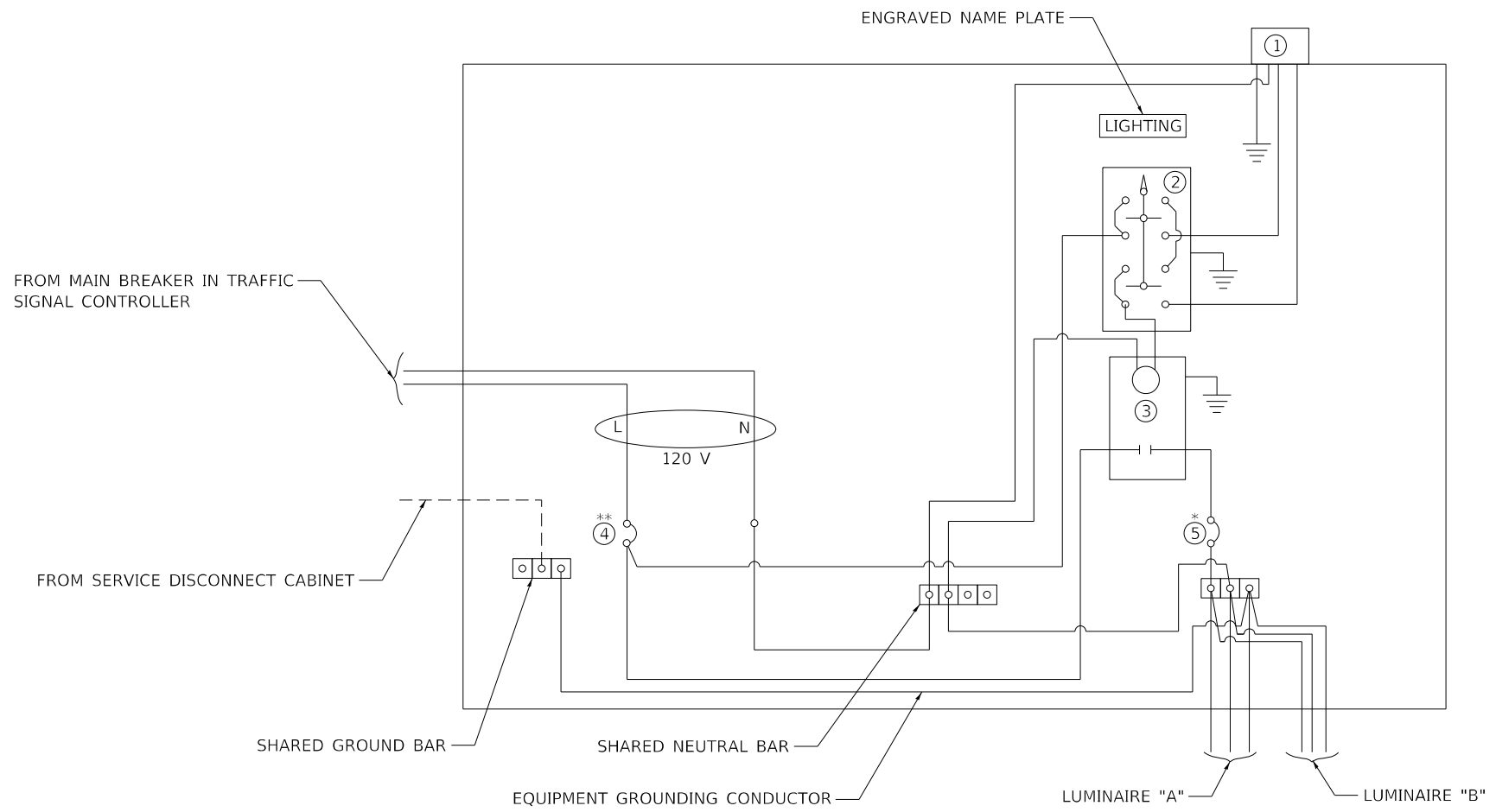
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT SIX  
ALUMINUM COMBINATION MAST ARM ASSEMBLY AND POLE DETAIL**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	231
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- GROUND CONNECTED TO SHARED GROUND BAR
  - INDICATES SHARED WITH TRAFFIC SIGNAL CONTROLLER EQUIPMENT
  - ① PHOTOCELL WITH INTEGRAL SURGE ARRESTER
  - ② HAND-OFF-AUTO SELECTOR SWITCH
  - ③ 30 AMP, 1 POLE, ELECTRICALLY HELD CONTACTOR
  - ④ 20 AMP, 1 POLE, CIRCUIT BREAKER
  - ⑤ 15 AMP, 1 POLE, BRANCH BREAKER
- \*QUANTITY OF BRANCH BREAKERS SHALL DEPEND ON THE COMBINATION LIGHTING CIRCUIT DIAGRAM OR AS DIRECTED BY THE ENGINEER
- \*\*SIZE LARGER AS NEEDED

**COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM**

**GENERAL NOTES**

1. ALL CONTROL INSTALLATION COMPONENTS SHALL BE U.L. LISTED.
2. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED.
3. THE CIRCUIT BREAKER SHALL BE CLEARLY LABELED FOR LIGHTING ACCORDING TO ARTICLE 1068.01(e)(f) OF THE STANDARD SPECIFICATIONS.
4. INSTALL UNDER EAVE PHOTOCELL ON TRAFFIC SIGNAL CONTROLLER CABINET PER ARTICLE 1068.01(e)(2) OF THE STANDARD SPECIFICATIONS.
5. ALL LIGHTING EQUIPMENT SHALL BE INSTALLED ON A SIDE MOUNTED INSULATED SUBPANEL PER ARTICLE 1068.01(e)(9) OF THE STANDARD SPECIFICATIONS ON THE LOWER RIGHT HAND SIDE OF TRAFFIC SIGNAL CONTROLLER OR AS DIRECTED BY THE ENGINEER.
6. PROVIDE AN ENGRAVED STAINLESS STEEL NAMEPLATE ON THE SUB PANEL READING "LIGHTING".

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT SIX  
COMBINATION LIGHTING CONTROLLER DETAIL**

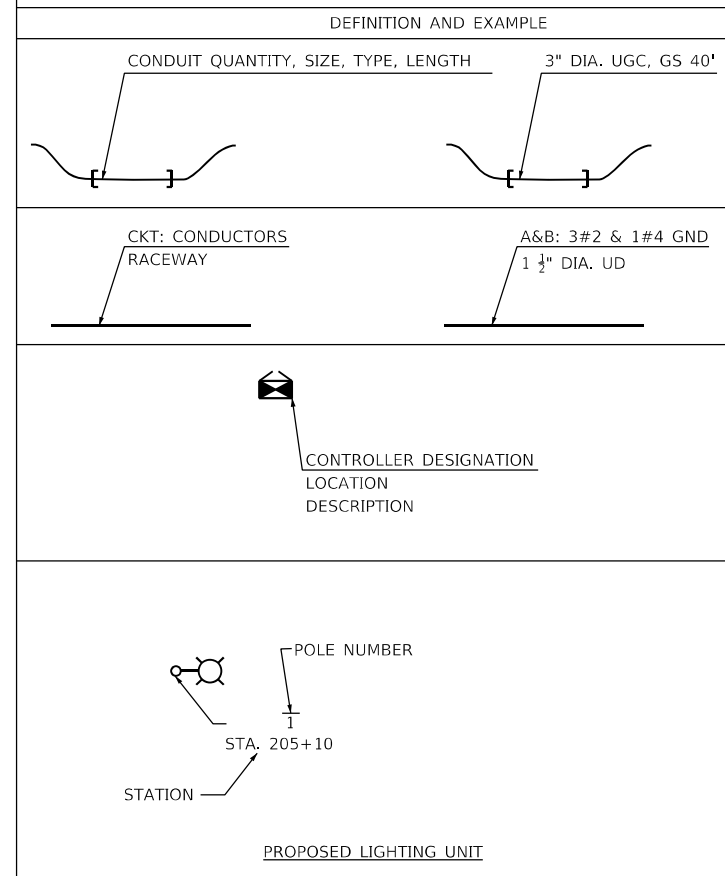
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	232
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

## LIGHTING AND ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	PROPOSED LIGHTING UNIT: 45 FT M.H., 15 FT DAVIT ARM, LED LUMINAIRE, HORIZONTAL MOUNT, OUTPUT DESIGNATION H, MOUNTED ON BREAKAWAY DEVICE, SET BACK 18' FROM E.O.P. TO CENTER OF POLE (U.N.O.)
	PROPOSED COMBINATION LIGHTING UNIT: 45 FT M.H., 15 FT MAST ARM, LED LUMINAIRE, HORIZONTAL MOUNT, OUTPUT DESIGNATION H (120 VAC)
	EXISTING LIGHTING UNIT TO BE REMOVED
	EXISTING LIGHTING UNIT TO REMAIN IN PLACE
	PROPOSED LIGHTING CONTROLLER
	PROPOSED ELECTRIC UTILITY SERVICE
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED CONDUIT, SIZE AND TYPE AS NOTED
	EXISTING UNIT DUCT OR CONDUIT TO REMAIN

## CALL-OUT SAMPLE



## GENERAL NOTES

- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS, AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

## IDOT HIGHWAY STANDARDS:

STANDARD NO.	TITLE
821101-03	LUMINAIRE WIRING IN POLE
825016-04	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 480V
830006-05	LIGHT POLE ALUMINUM DAVIT ARM
836001-05	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES

## INDEX OF DRAWINGS

DRAWING NO.	TITLE
E-01	LEGEND, GENERAL NOTES, INDEX OF DRAWINGS, AND SCHEDULE OF QUANTITIES
E-02 THRU E-04	EXISTING LIGHTING REMOVAL PLAN
E-05 THRU E-11	PROPOSED LIGHTING PLAN
E-12	WIRING DIAGRAMS
E-13	LUMINAIRE PERFORMANCE TABLES

## SCHEDULE OF ROADWAY LIGHTING QUANTITIES

NO	DESCRIPTION	UNIT	TOTAL QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	950
81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	15,305
82110008	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	57
82500340	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 480VOLT, 60AMP	EACH	2
83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	57
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6"	EACH	57
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	228
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	4
84200804	REMOVAL OF POLE FOUNDATION	EACH	3

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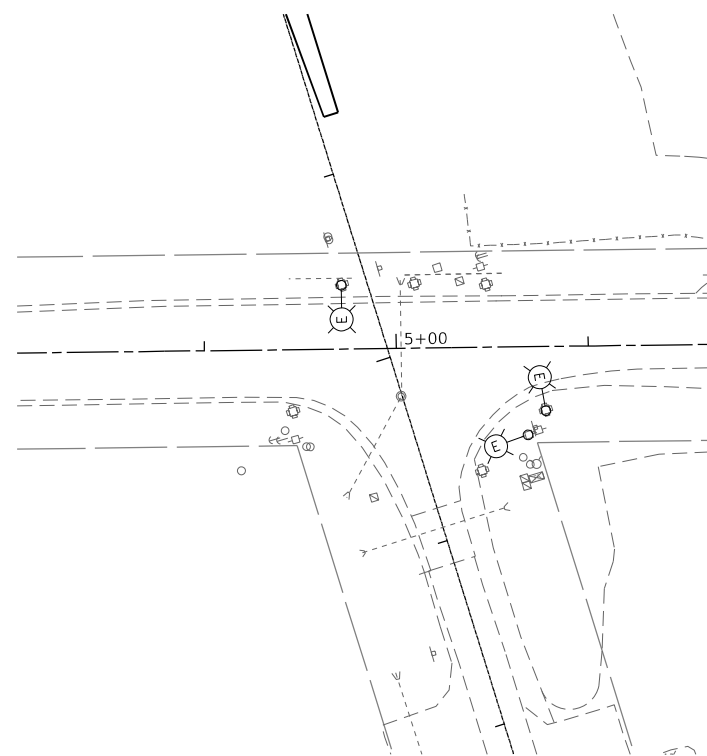
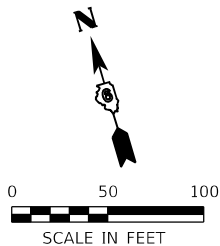
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LEGEND, GENERAL NOTES, INDEX OF DRAWINGS,  
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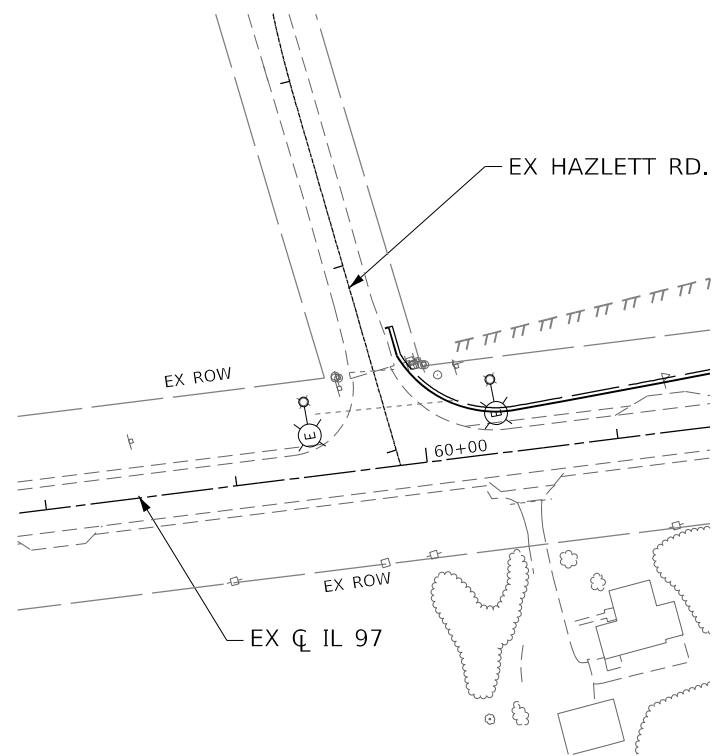
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67	(S.W)R-2, W-2, PB	SANGAMON	412	233
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

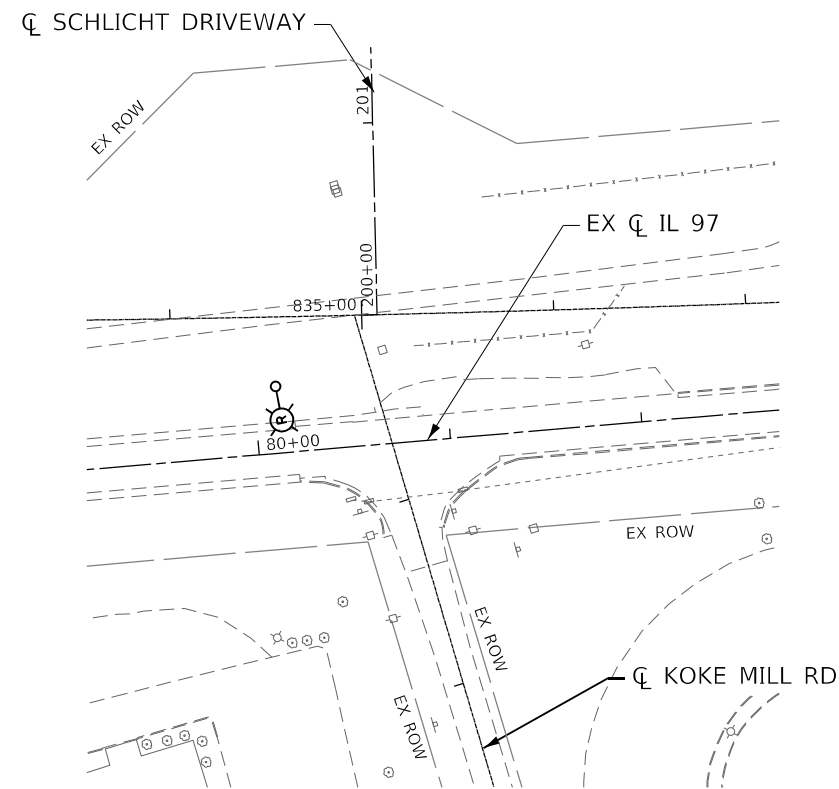
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IL97 AND BRADFORDTON RD.  
EXISTING INTERSECTION

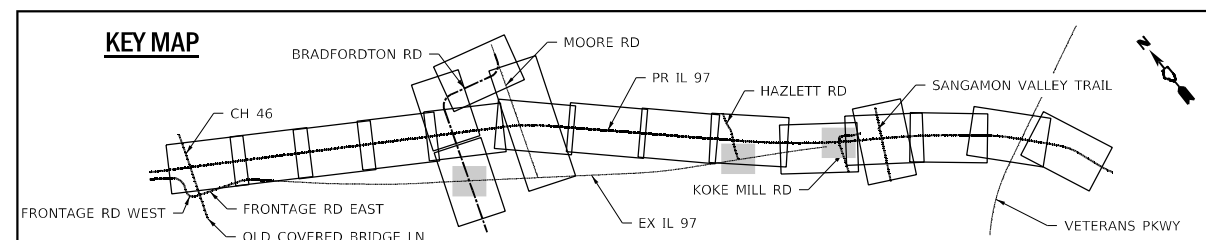


IL97 AND HAZLETT RD.  
EXISTING INTERSECTION



IL97 AND KOKE MILL RD.  
EXISTING INTERSECTION

E-02



**EXISTING LIGHTING REMOVAL PLAN  
IL ROUTE 97**

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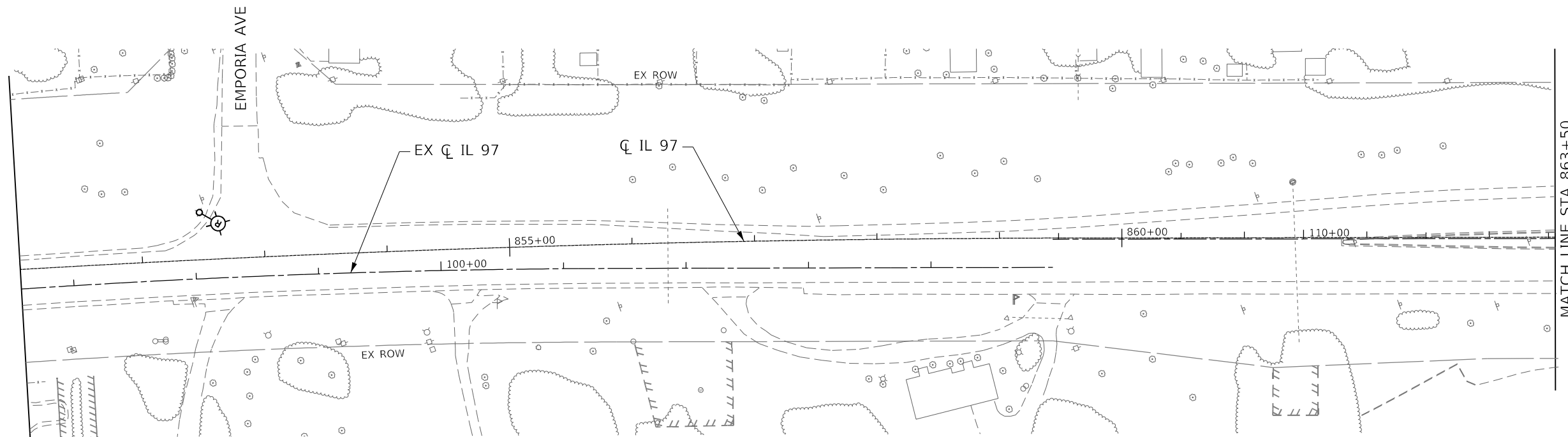
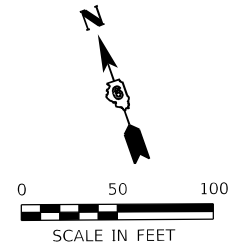
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ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

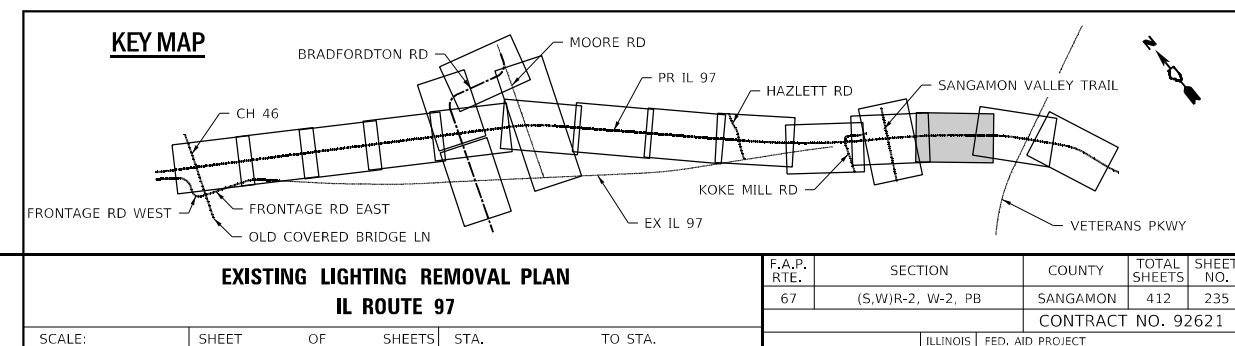
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E-03



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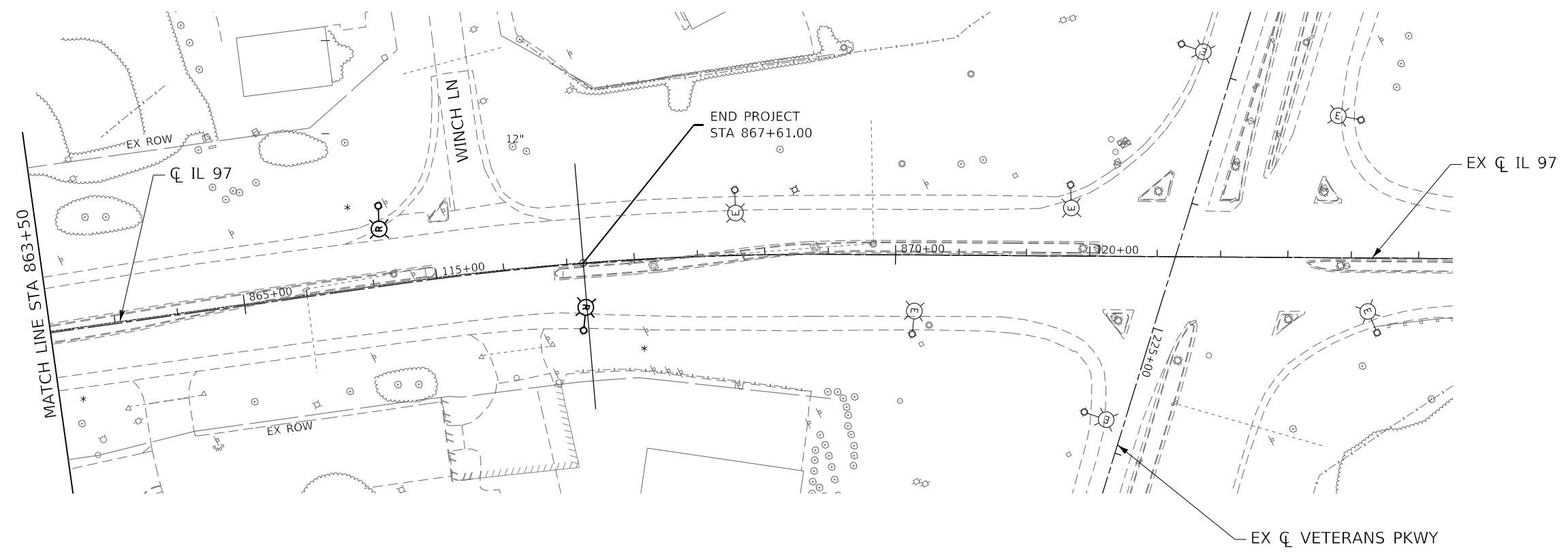
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

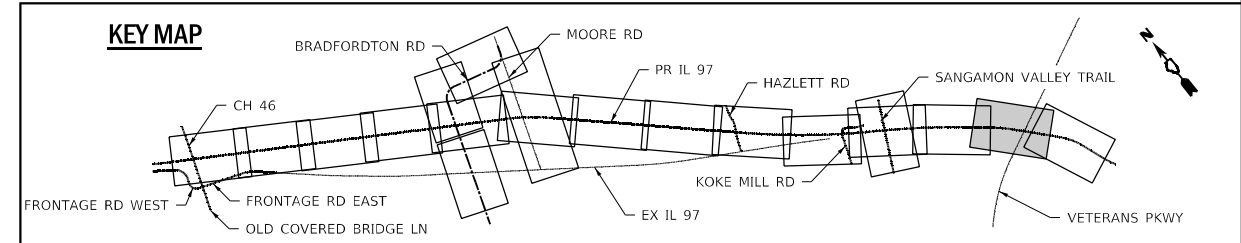
**EXISTING LIGHTING REMOVAL PLAN  
IL ROUTE 97**

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



E-04



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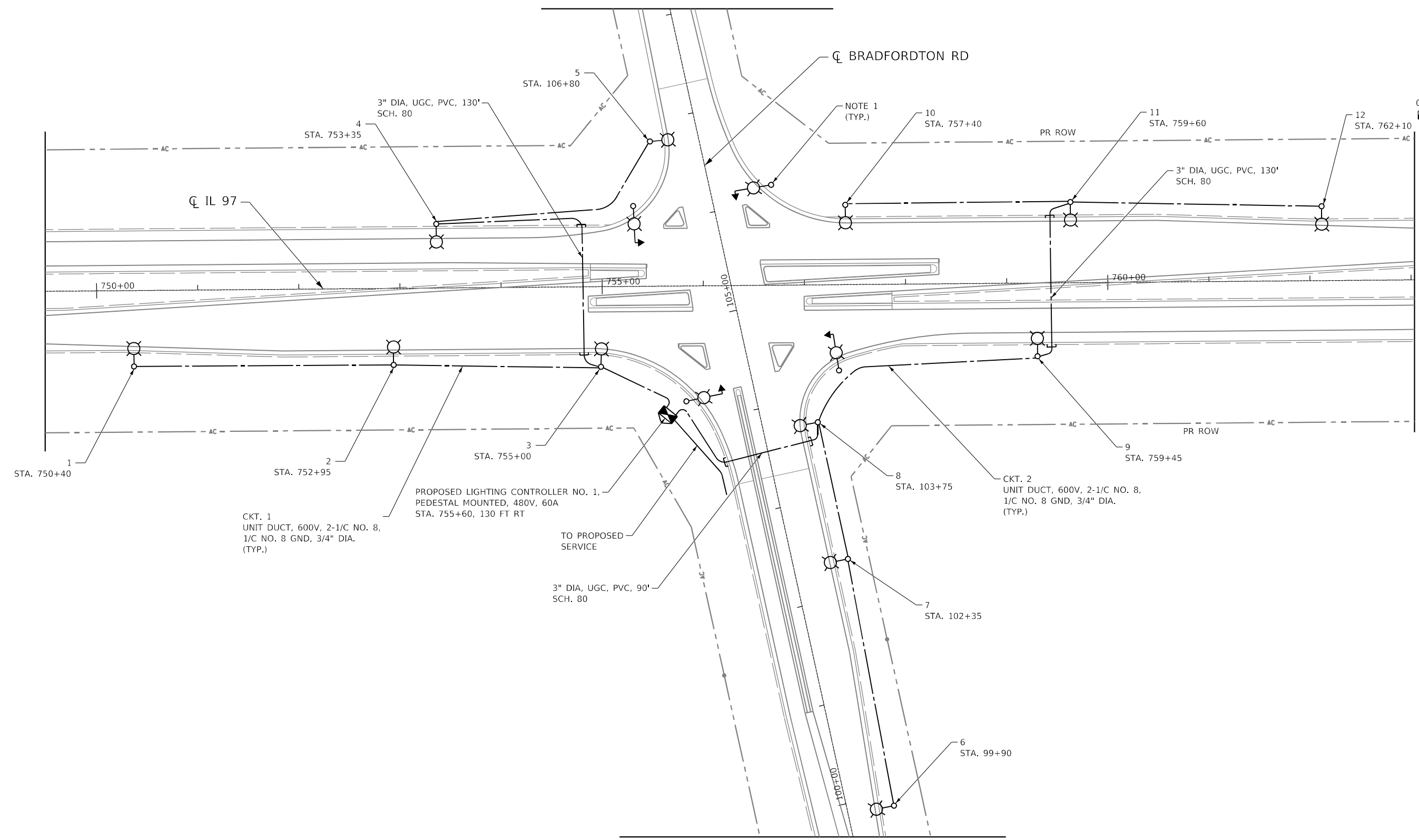


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PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING LIGHTING REMOVAL PLAN IL ROUTE 97</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2, W-2, PB	SANGAMON	412	236
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

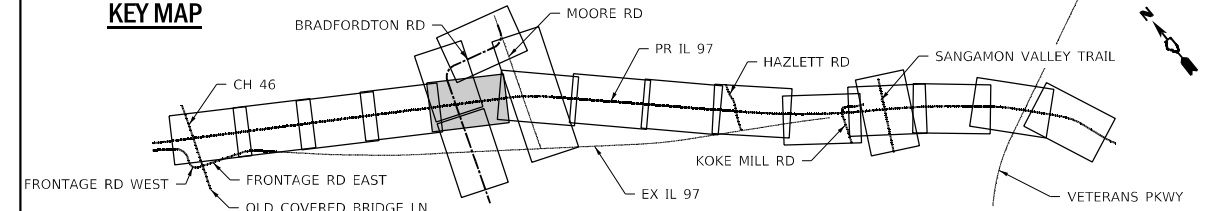


**NOTES:**

- REFER TO THE TRAFFIC SIGNAL PLANS FOR THE COMBINATION LIGHTING DETAILS.

E-05

**KEY MAP**



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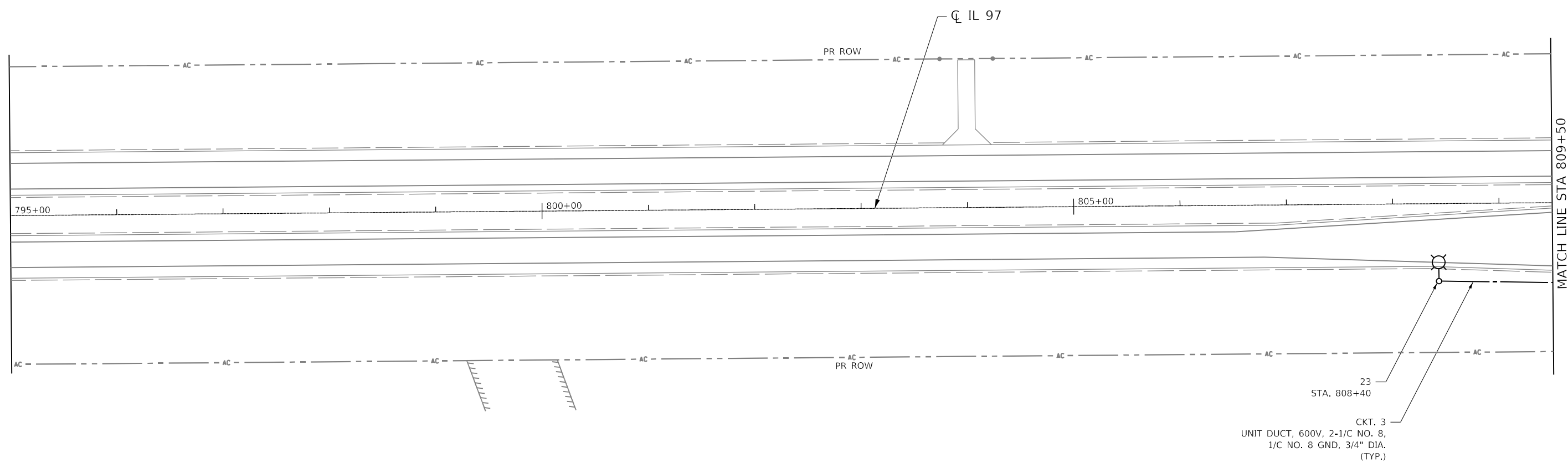
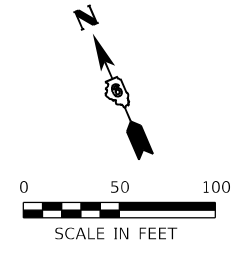
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

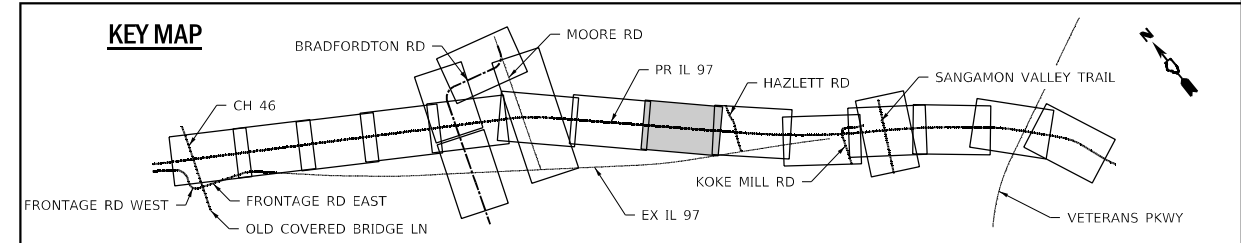
**PROPOSED LIGHTING PLAN  
IL ROUTE 97 AT N BRADFORDTON ROAD**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2, W-2, PB	SANGAMON	412	237
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



E-06



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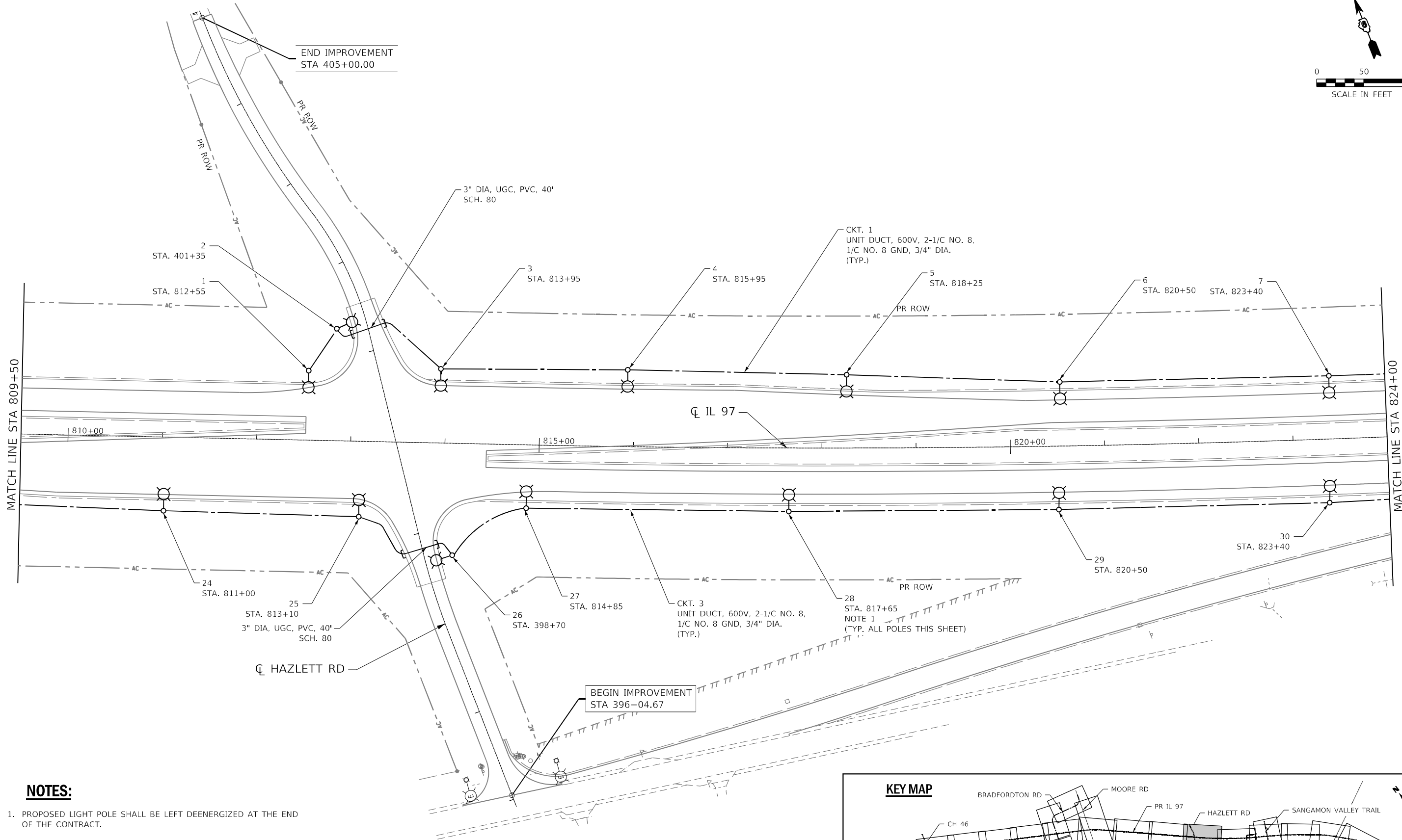
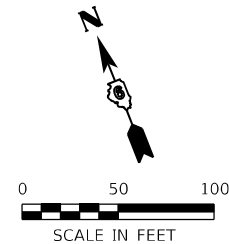


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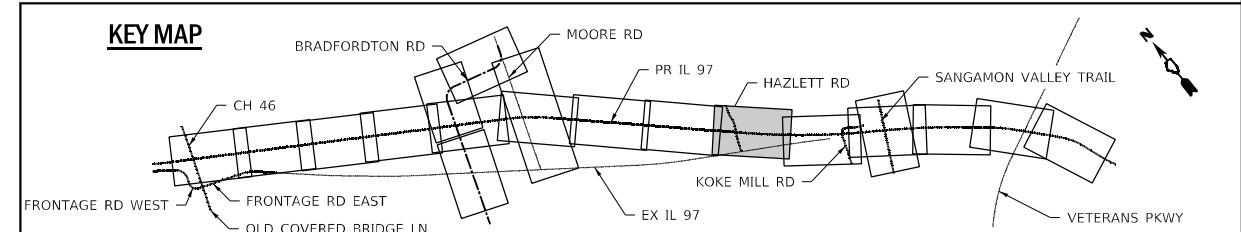
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING PLAN	
IL ROUTE 97	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2, W-2, PB	SANGAMON	412	238
CONTRACT NO. 92621				
		ILLINOIS	FED. AID PROJECT	



**NOTES:**  
 1. PROPOSED LIGHT POLE SHALL BE LEFT DEENERGIZED AT THE END OF THE CONTRACT.



E-07

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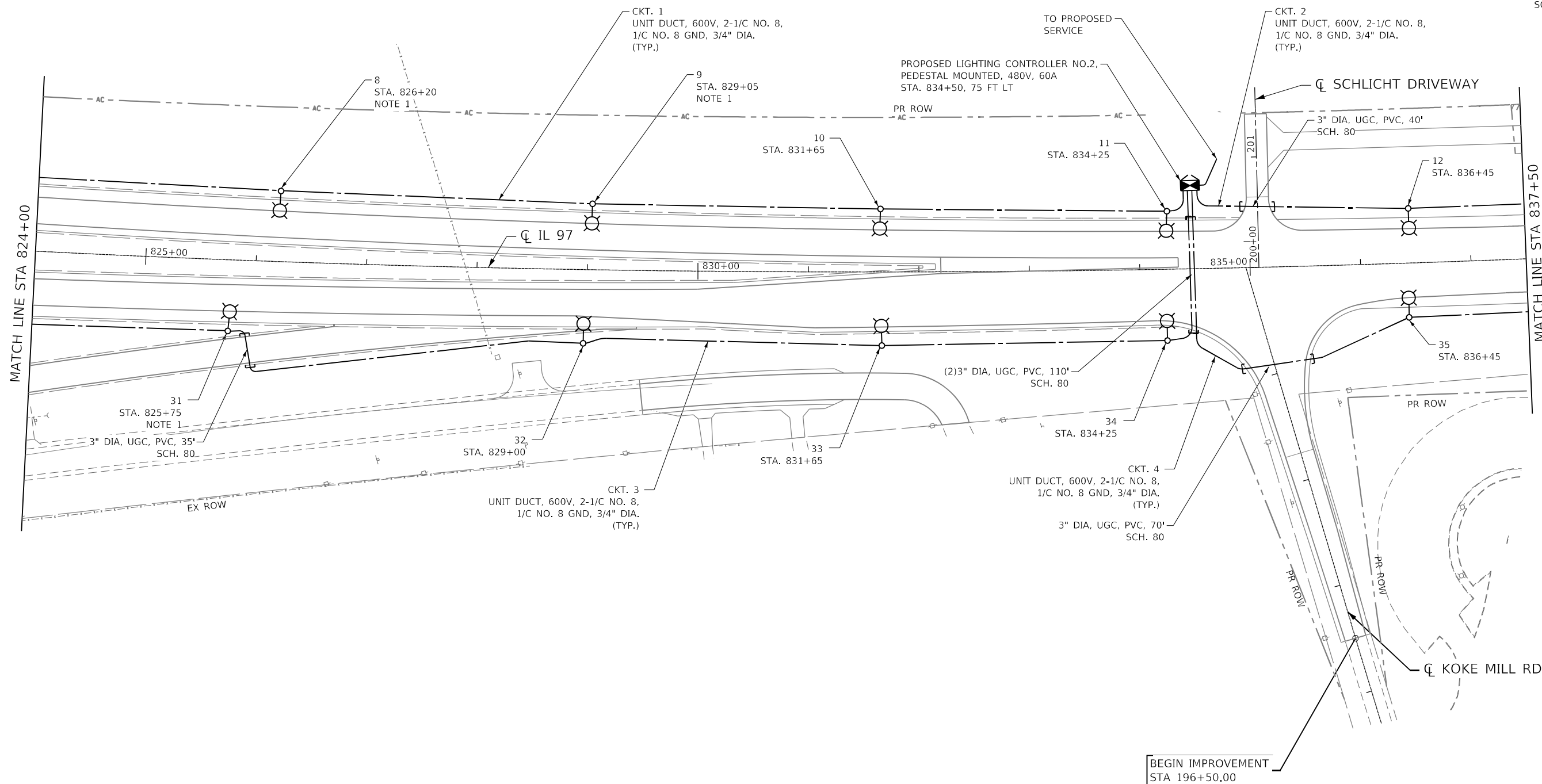
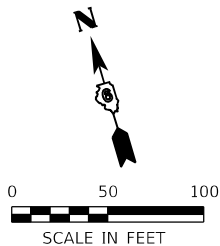


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PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED LIGHTING PLAN        IL ROUTE 97</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

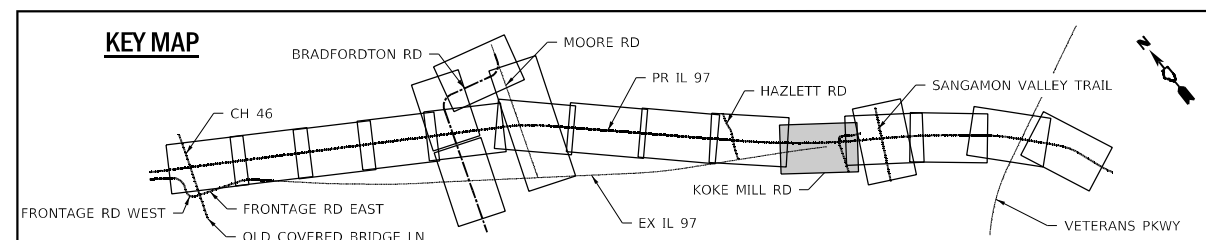
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2, W-2, PB	SANGAMON	412	239
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. PROPOSED LIGHT POLE SHALL BE LEFT DEENERGIZED AT THE END OF THE CONTRACT.

E-08



SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	
F.A.P. RTE. 67		SECTION (S.W)R-2, W-2, PB		COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 240		CONTRACT NO. 92621	

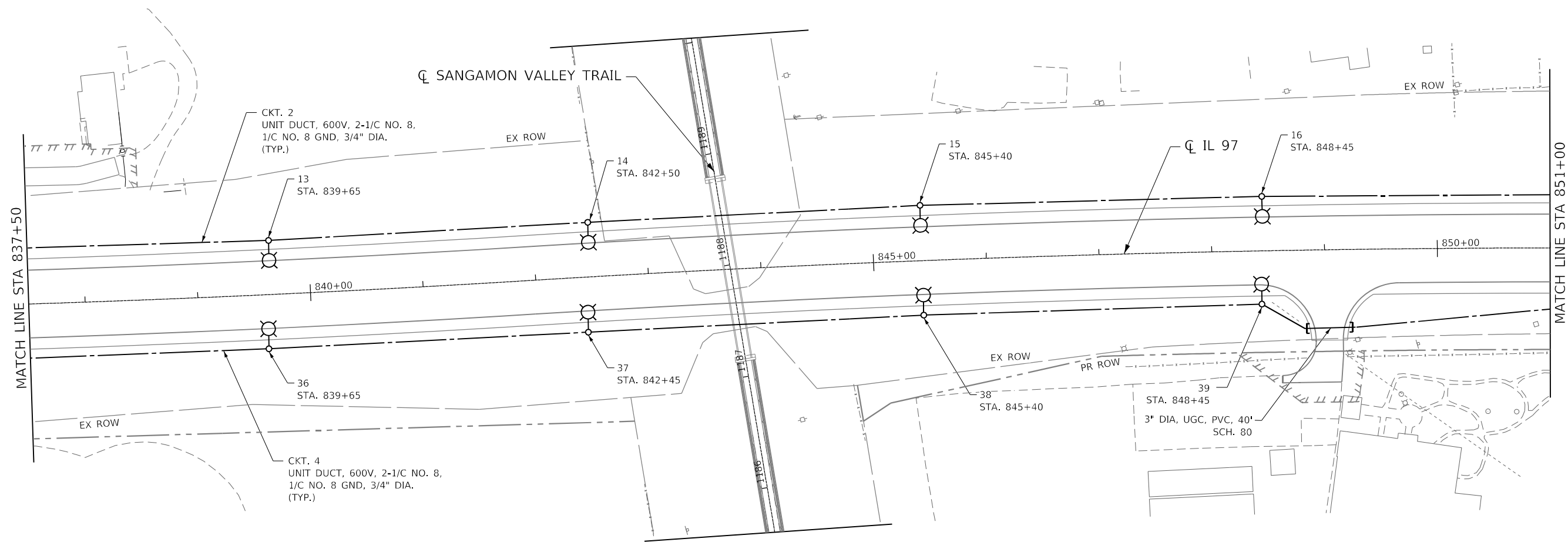
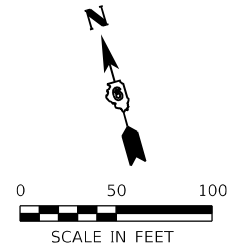
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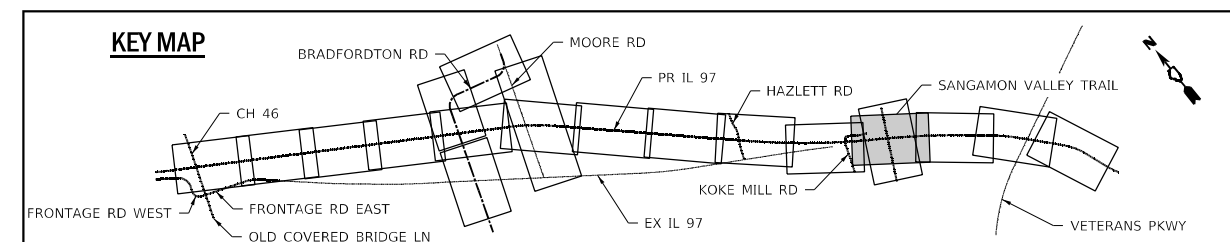
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN  
IL ROUTE 97**



E-09



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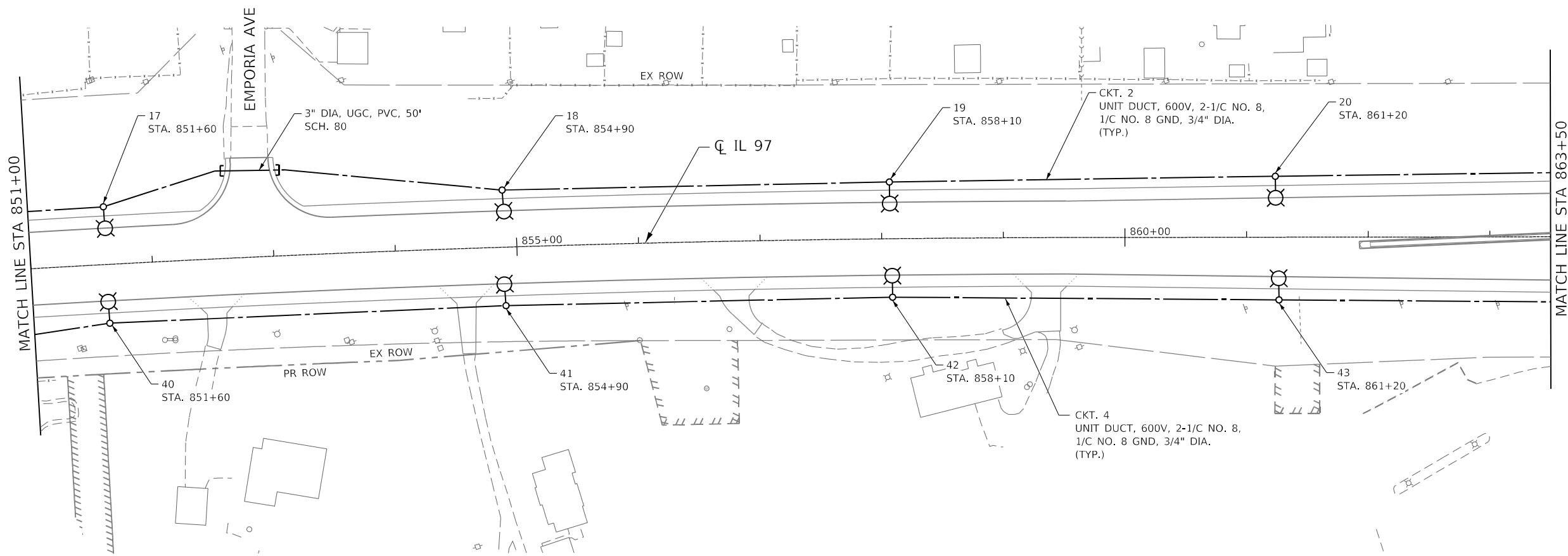
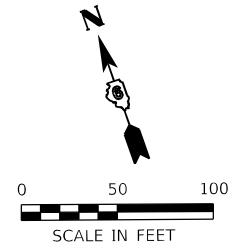
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PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN  
IL ROUTE 97**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2, W-2, PB	SANGAMON	412	241
CONTRACT NO. 92621				
ILLINOIS		FED. AID PROJECT		



E-10

**KEY MAP**

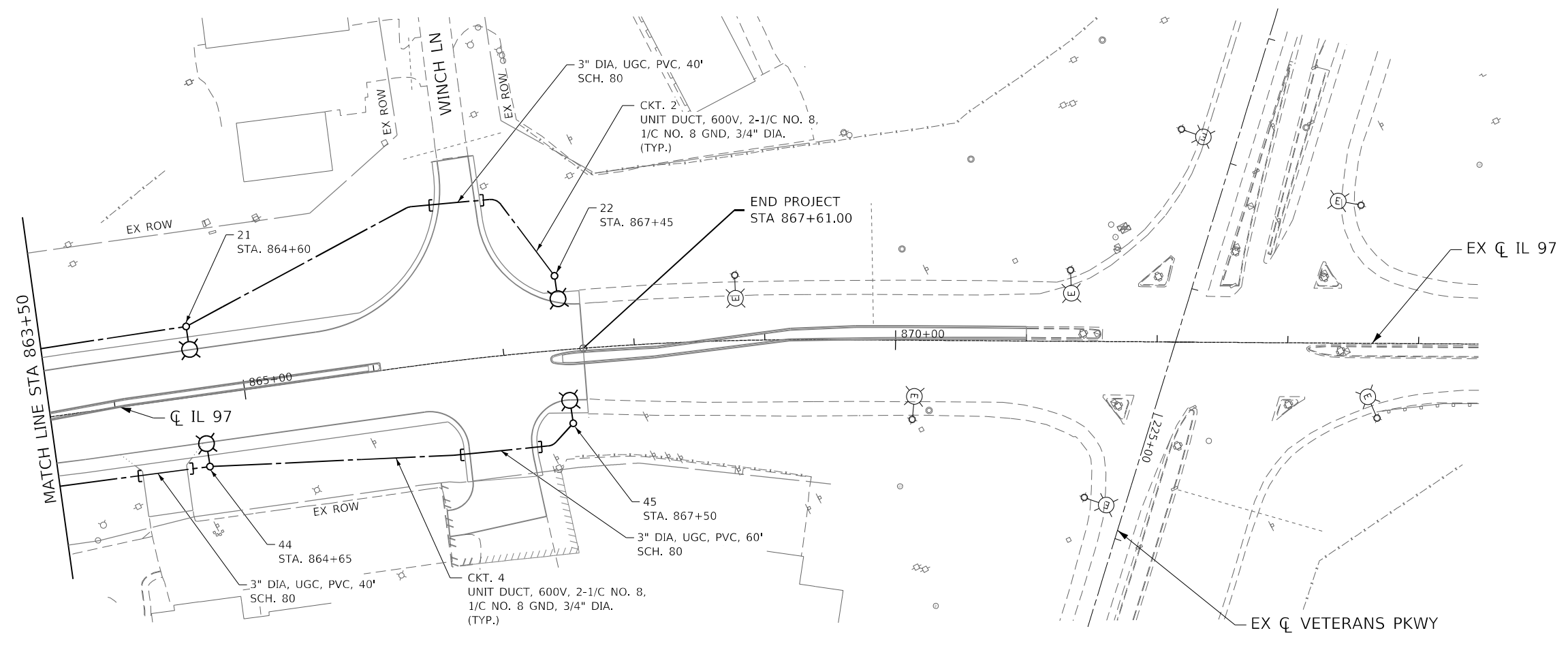
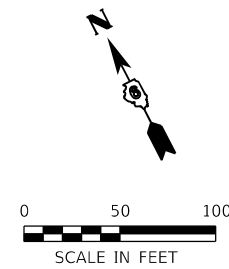
PROPOSED LIGHTING PLAN IL ROUTE 97		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2, W-2, PB	SANGAMON	412	242	CONTRACT NO. 92621
SCALE:		ILLINOIS		FED. AID PROJECT	

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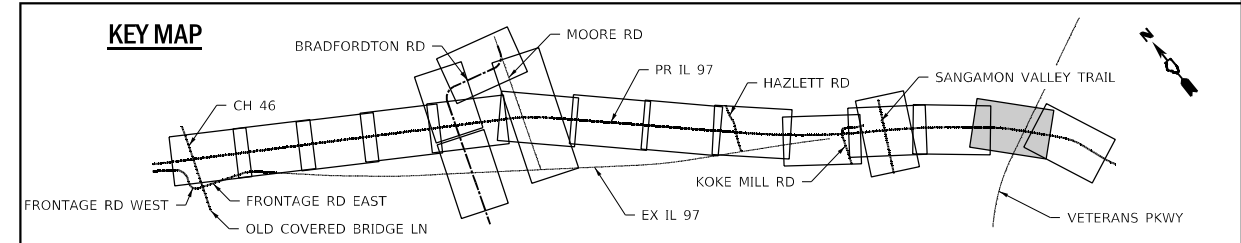


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**



E-11



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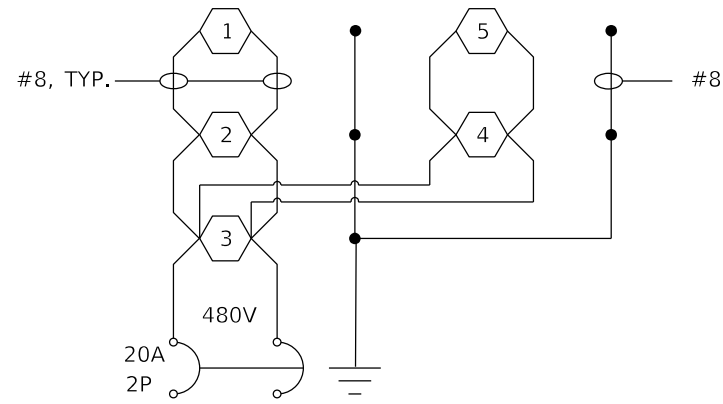


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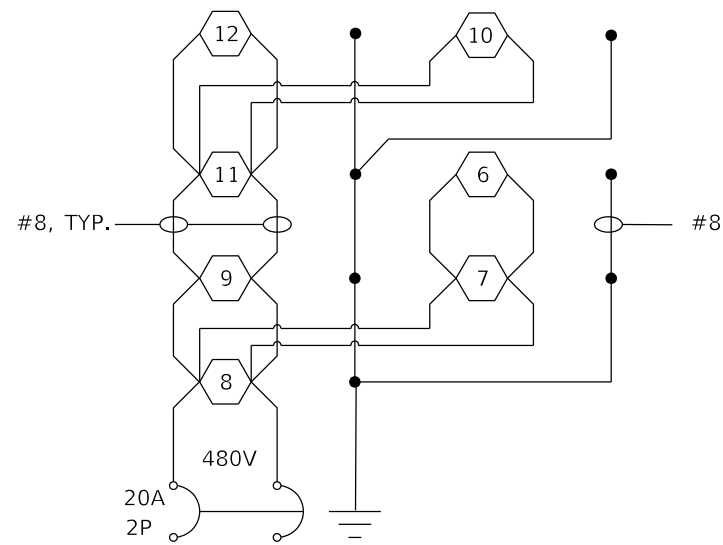
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED LIGHTING PLAN IL ROUTE 97</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2, W-2, PB	SANGAMON	412	243
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

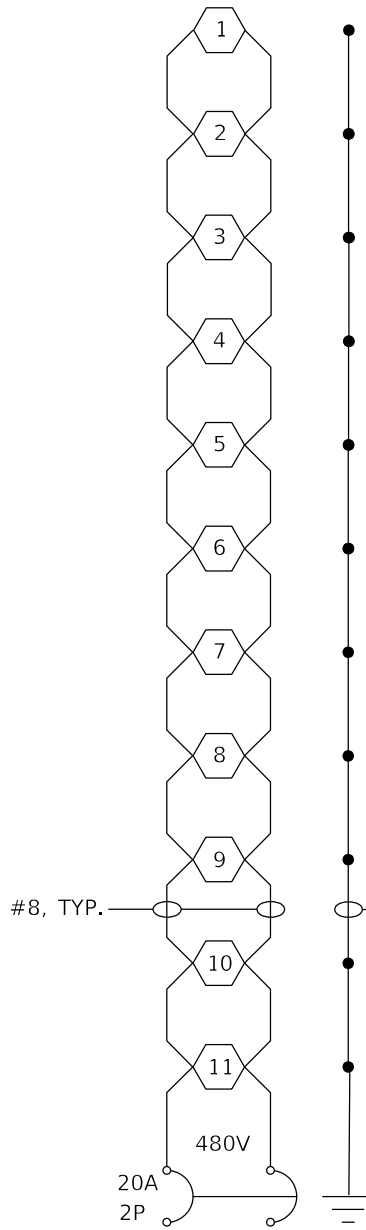


CIRCUIT 1

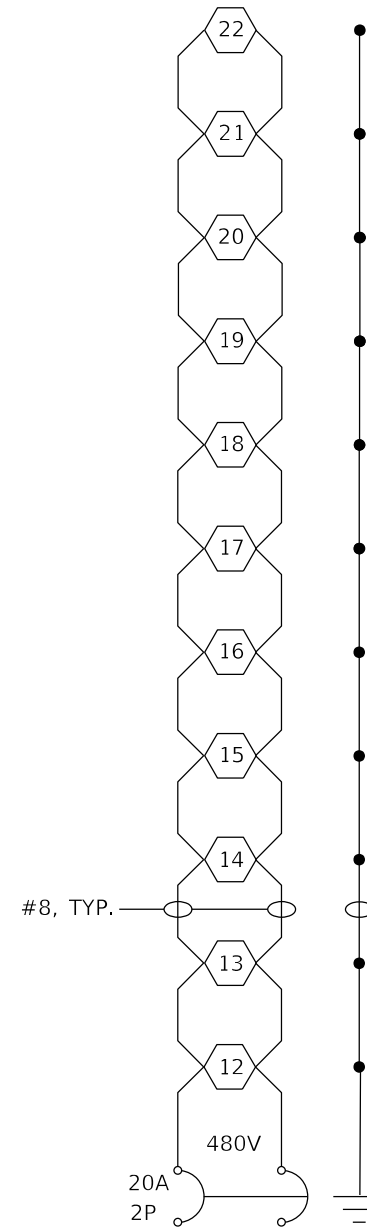


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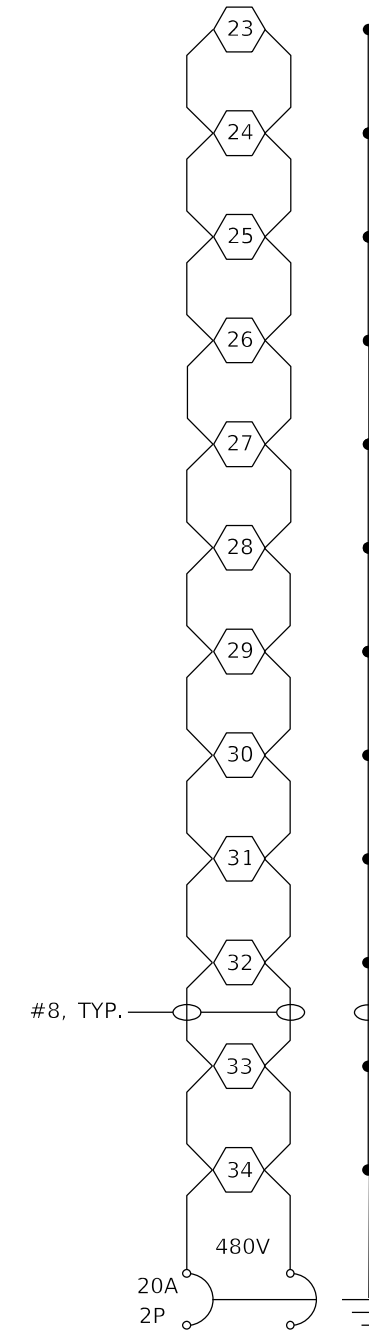
**PROPOSED LIGHTING CONTROLLER NO. 1**



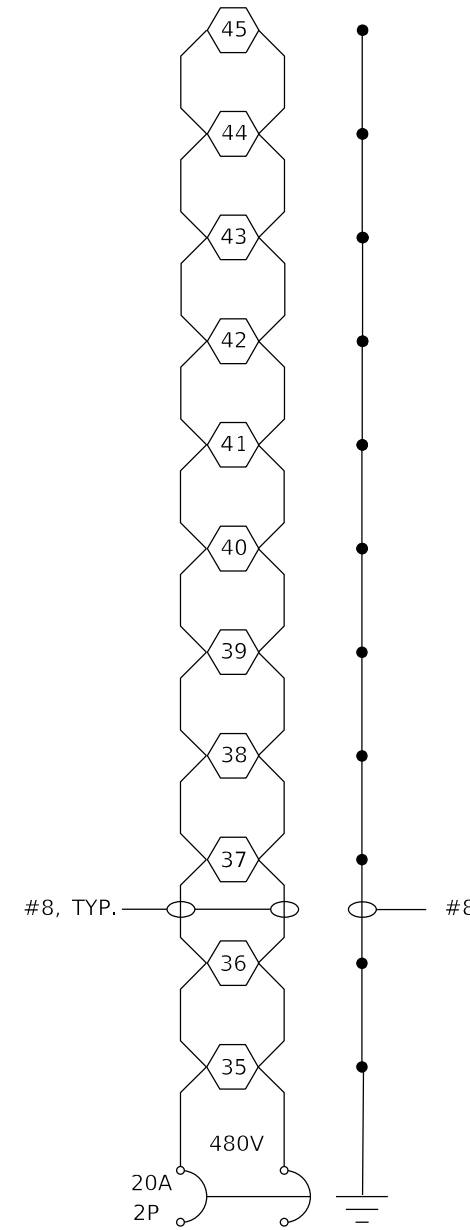
CIRCUIT 1



CIRCUIT 2






CIRCUIT 3



CIRCUIT 4

**PROPOSED LIGHTING CONTROLLER NO. 2**

**LEGEND**

-  LED ROADWAY LUMINAIRE
-  GROUND CONNECTION AT EACH POLE
-  GROUND ROD

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAMS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2, W-2, PB	SANGAMON	412	244
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 5/7/2026	CHECKED - RP	REVISED -
	DATE - 05/08/2026	REVISED -



Luminaire Performance Table



Project

Date	Contract Number	Section Number	County
01/05/24	92621	S(X) & W(X,TS)	Sangamon
Marked Route Number		Municipality	
97		Springfield	

Roadway

Lane Width	# of Lanes	Median Width	I.E.S. Surface Classification	Q-Zero Value
12'	2	50'	R3	0.07

Structure

Mounting Height	Arm Length	Set-Back	Number of Luminaires (Highmast & Sign Lighting Only)
45'	15'	18'	

Luminaire

Description	I.E.S. Lateral Distribution	I.E.S. Vertical Distribution	
Roadway Lighting	Medium	Type 3	
Total Light Loss Factor (LLF)	B-U-G Rating	Shields	Dimming Protocol
0.7	B3-U0-G3, B3-U0-G4		

Layout

Spacing (to Nearest 5 ft)	Configuration (Opposite, Staggered, 1 Sided, or Median)
300'	Opposite with median

Performance

Average Illuminance, $E_{AVF}$ (fc)	Uniformity Ratio, $E_{AVF}/E_{MIN}$		
0.9	3.0		
Average Luminance, $L_{AVE}$ (cd/m <sup>2</sup> )	Uniformity Ratio, $L_{AVE}/L_{MIN}$	Uniformity Ratio, $L_{MAX}/L_{MIN}$	Veiling Luminance Ratio, $L_v/L_{AVE}$
0.6	3.5	6.0	0.3

Light Trespass

Distance to ROW (behind pole)	Max. Horizontal Illuminance at ROW, $E_H$	Max. Vertical Illuminance at ROW, $E_V$

Notes

- Set-Back is from Edge of Pavement (white line) except for sign luminaires when it is vertical and horizontal distance from the sign to the luminaire.
- Lighting calculations shall be performed with all luminaires oriented toward and perpendicular to the roadway.
- Total Light Loss Factor (LLF) = the product of "Lumen Maintenance" (LLD) = 0.9, "Dirt Depreciation" (LDD) = 0.8, and "Equipment Factors" (EF) = 0.95.
- Performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

Compliance with performance criteria shall be held to one significant digit.

Luminaire performance table is intended to define the luminaire and does not necessarily match any specific roadway geometry, mounting height, set back, or arm length.

Printed 01/05/24

BDE 5630 (04/10/19)

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	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LUMINAIRE PERFORMANCE TABLES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2, W-2, PB	SANGAMON	412	245
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

Bench Mark: Chiseled "4" on NE bolt of light pole at NE corner of Christian Church parking lot, SW corner of IL 97 and Koke Mill Road. Sta 834+53.12, 166.57' Rt - Elev 590.20

Existing Structure: S.N. 084-9936, originally built in 1917 as C&NW Railway Bridge No 1862. The existing structure is a 1 span riveted thru plate girder bridge on spread footings and closed concrete abutments. The structure is 43'-4" face to face of abutment backwalls with a 15'-0" ctr-ctr of girder deck width. The existing structure was rehabilitated in 2011 and currently has a timber deck and railings with a chain link fence enclosure. The existing structure currently carries pedestrian traffic.

Trail to be closed during construction.

No Salvage.

**INDEX OF SHEETS**

1. General Plan and Elevation
2. General Data
3. Bridge Approach Slab Details
4. South Abutment
5. North Abutment
6. HP Pile Details
- 7-8. Soil Boring Logs

**LEGEND**

—▲— Ex. Aerial Lines

**DESIGN SPECIFICATIONS**

2009 LRFD Guide Specifications for the Design of Pedestrian Bridges, 2nd Edition with 2015 Interims

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

**DESIGN STRESSES**

**FIELD UNITS**

$f'_c = 4,000$  psi (Appr. Slabs)  
 $f'_c = 3,500$  psi (Abutments)  
 $f_y = 60,000$  psi (Reinforcement)  
 $f_y = 50,000$  psi (M270 Grade 50)

**LOADING H-10**

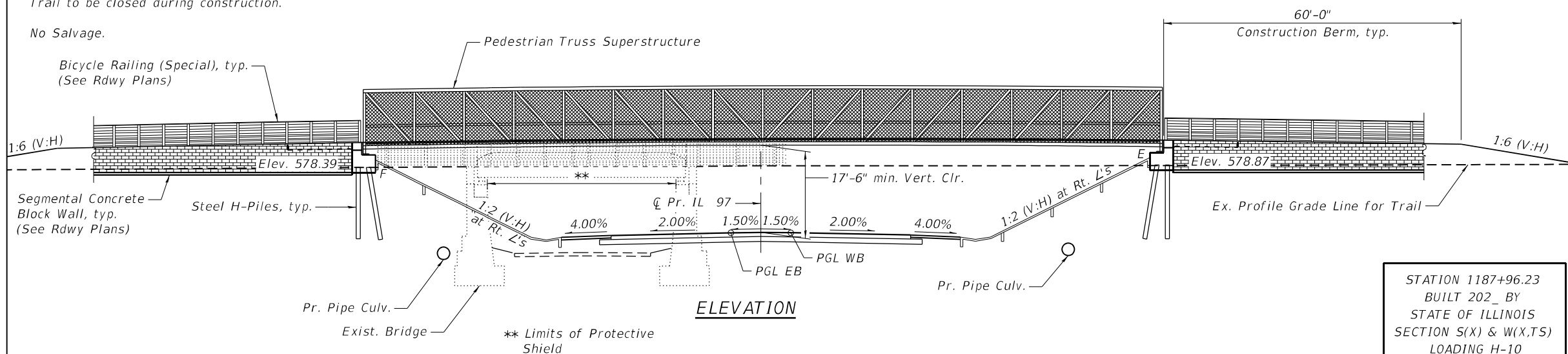
Pedestrian Load = 90 psf uniform load

**SEISMIC DATA**

Seismic Performance Zone (SPZ) = 1  
 Design Spectral Acceleration at 1.0 sec. (SD1) = 0.105g  
 Design Spectral Acceleration at 0.2 sec. (SDS) = 0.196g  
 Soil Site Class = C

**CURVE DATA**

P.I. Sta. = 850+75.96  
 $\Delta = 6^\circ 42' 03''$   
 $D = 0^\circ 22' 55'' (R)$   
 $R = 15,000.00'$   
 $T = 878.15'$   
 $L = 1,754.29'$   
 $E = 25.68'$   
 $e = N.C.$   
 $T.R. = N/A$   
 $S.E. Run = N/A$   
 P.C. Sta. = 841+97.81  
 P.T. Sta. = 859+52.10



STATION 1187+96.23  
 BUILT 202\_ BY  
 STATE OF ILLINOIS  
 SECTION S(X) & W(X,T,S)  
 LOADING H-10  
 STRUCTURE NO. 084-3300

**NAME PLATE**

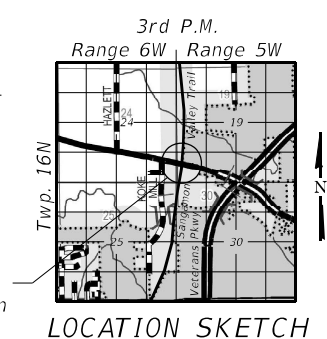
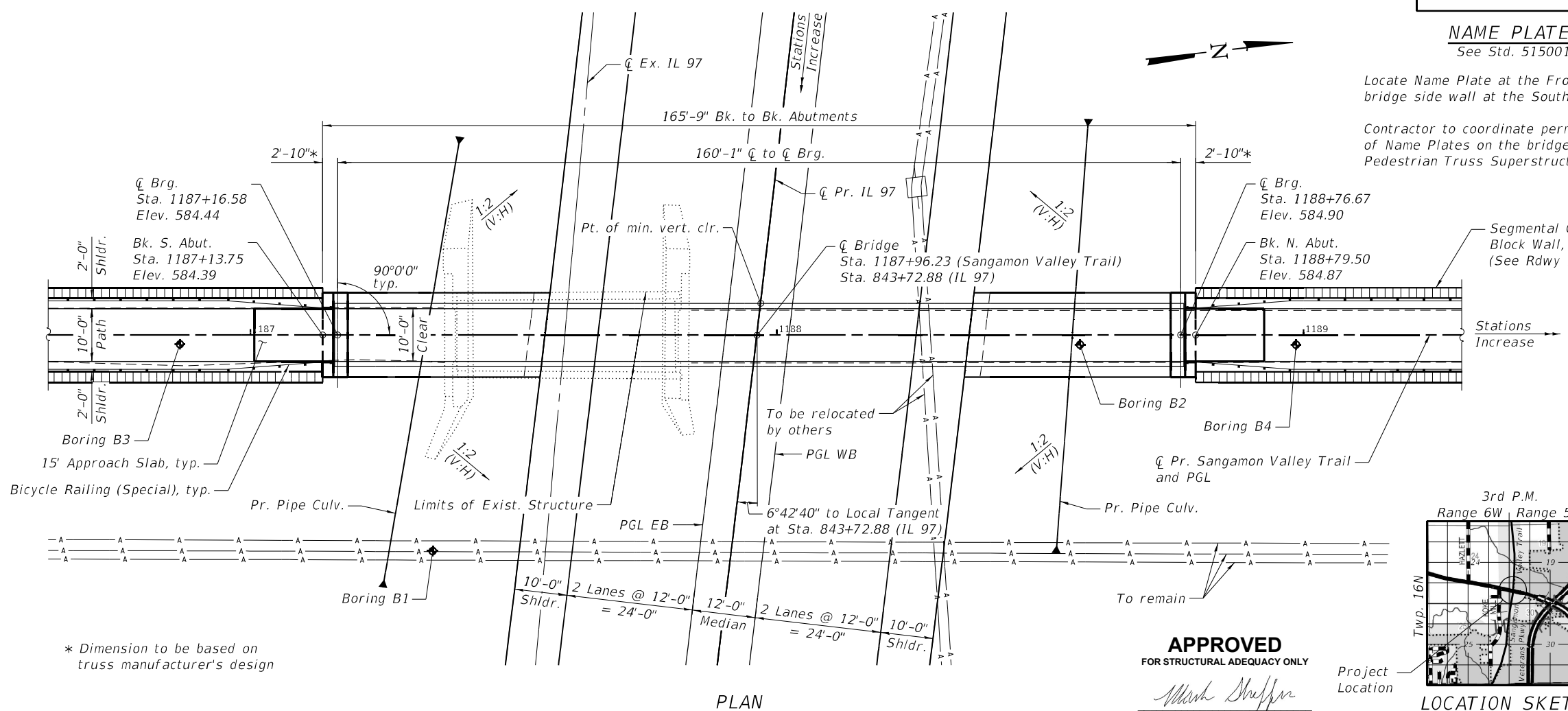
See Std. 515001

Locate Name Plate at the Front Face of bridge side wall at the Southeast Corner.

Contractor to coordinate permanent mounting of Name Plates on the bridge with the Pedestrian Truss Superstructure manufacturer.



*Michael D. Cima* 5/7/2026  
 Michael D. Cima, Illinois S.E. 081-005984 Date  
 Expires 11/30/2026



**APPROVED**  
 FOR STRUCTURAL ADEQUACY ONLY  
*Mark Sheffer*  
 ENGINEER OF BRIDGES & STRUCTURES

**GENERAL PLAN AND ELEVATION**  
**SANGAMON VALLEY TRAIL**  
**OVER JEFFERSON STREET (IL 97)**  
**FAP RTE 67 - SEC S(X) & W(X,T,S)**  
**SANGAMON COUNTY**  
**STATION 1187+96.23**  
**STRUCTURE NO 084-3300**

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<p><b>QUIGG ENGINEERING INC</b></p>	USER NAME = RGoertz 0843300-92621-001-GPE.dgn PLOT SCALE = 0:2,0000 "/>	DESIGNED - KWB CHECKED - ZLD DRAWN - ZLD CHECKED - MDC	REVISED - REVISED - REVISED - REVISED -	<p align="center"><b>STATE OF ILLINOIS</b>  <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p align="center"><b>GENERAL PLAN AND ELEVATION</b>  <b>STRUCTURE NO. 084-3300</b></p>	F.A.P. RTE. = 67 SECTION = (S,W)R-2,W-2,PB COUNTY = SANGAMON TOTAL SHEETS = 412 SHEET NO. = 246 CONTRACT NO. 92621	ILLINOIS FED. AID PROJECT
	SHEET 1 OF 8 SHEETS						

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each	-	-	1
Protective Shield	Sq. Yd.	62	-	62
Structure Excavation	Cu. Yd.	-	14	14
Concrete Structures	Cu. Yd.	2.5	24.4	26.9
Protective Coat	Sq. Yd.	34	-	34
Concrete Superstructure (Approach Slab)	Cu. Yd.	9.4	-	9.4
Reinforcement Bars, Epoxy Coated	Pound	3,110	2,220	5,330
Slope Wall 4 inch	Sq. Yd.	-	149	149
Furnishing Steel Piles HP10x42	Foot	-	170	170
Driving Piles	Foot	-	170	170
Name Plates	Each	1	-	1
Granular Backfill for Structures	Cu. Yd.	-	30	30
Concrete Sealer	Sq. Ft.	-	200	200
Geocomposite Wall Drain	Sq. Yd.	-	19	19
Pipe Underdrains for Structures 4"	Foot	-	36	36
Pedestrian Truss Superstructure	Sq. Ft.	1,658	-	1,658

**GENERAL NOTES**

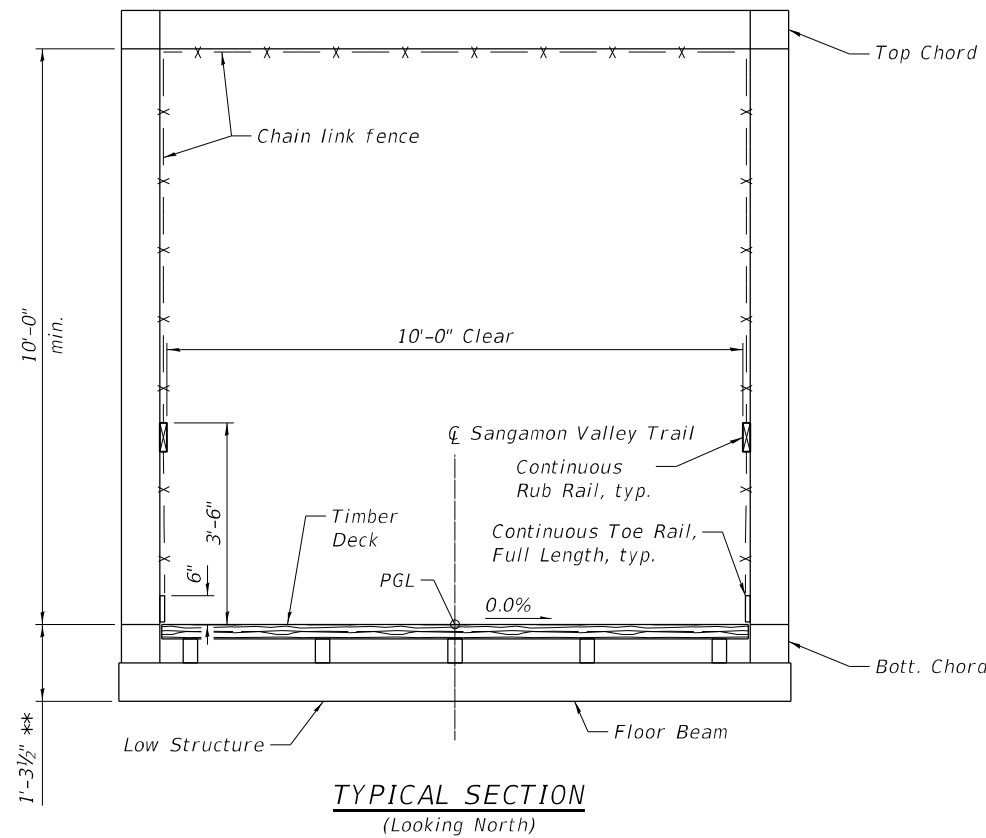
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Concrete Sealer shall be applied to the designated areas of the abutments.
- Sloped wall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
- Protective Coat shall be applied to the top surface of the Approach Slab.
- The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
- The Organic Zinc Rich Primer/Epoxy/Urethane paint system shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces and field installed fasteners shall be touched up and finish coated in the field. The color of the final finish coat shall be Reddish Brown Munsell No. 2.5YR 3/4.
- Chain link fence shall be in accordance with Article 664 of the Standard Specifications. Fabric shall be Type 1, Class D (zinc-coated steel).

**ABUTMENT SERVICE REACTION TABLE**

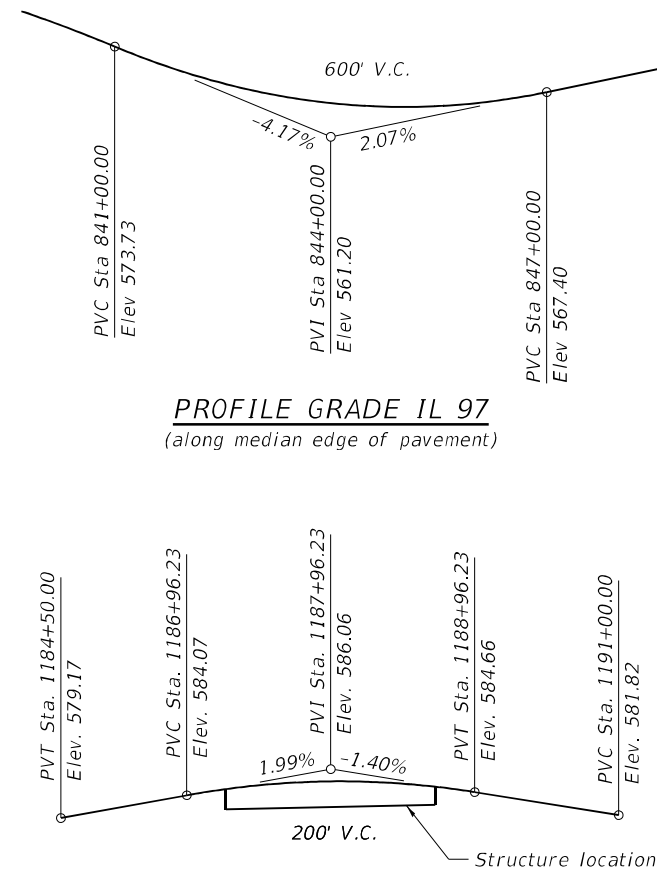
LOAD	P (Lbs.)	H (Lbs.)	L (Lbs.)
DL Truss & Timber Deck	29,895	-	-
Pedestrian Live Load	36,945	-	-
H-10 Truck	11,700	-	-
Wind Uplift	-13,930	-	-
Wind	±28,280	45,090	-
Thermal	-	-	4,485

"P" = Vertical load at each base plate (4 per bridge)  
 "H" = Horizontal at each footing (2 per bridge)  
 "L" = Longitudinal load at each bearing (4 per bridge)  
 Positive = Downward load  
 Negative = Upward load

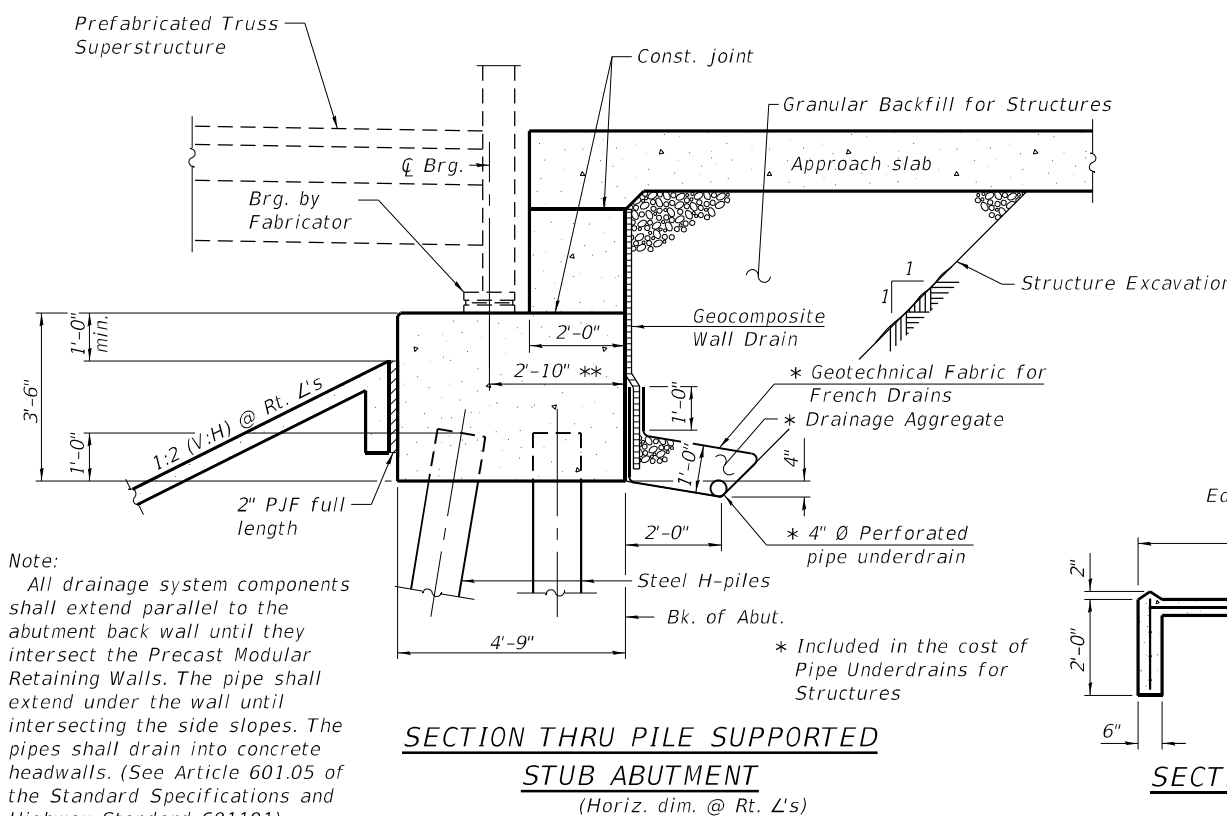
Notes:  
 Reactions shown are service loads. Designer shall combine reactions per governing design code as required.  
 Values in this table are estimates. Actual values shall be determined by Pedestrian Truss Superstructure manufacturer.



\*\* Dimension is subject to change based on truss manufacturer's design. Contractor to verify with approved shop drawings.



**PROFILE GRADE SANGAMON VALLEY TRAIL**  
(along centerline of trail)

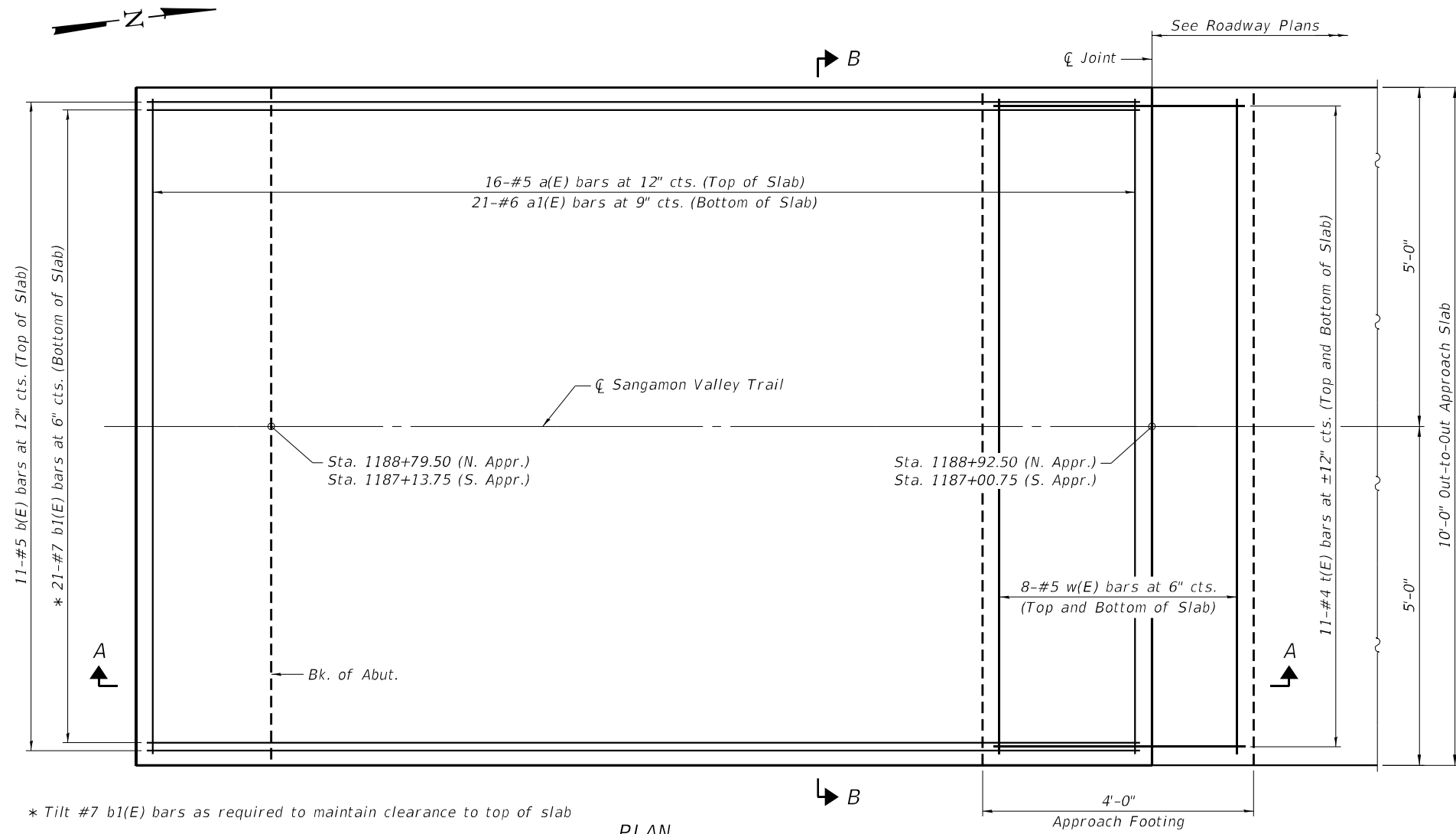


Note:  
 All drainage system components shall extend parallel to the abutment back wall until they intersect the Precast Modular Retaining Walls. The pipe shall extend under the wall until intersecting the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

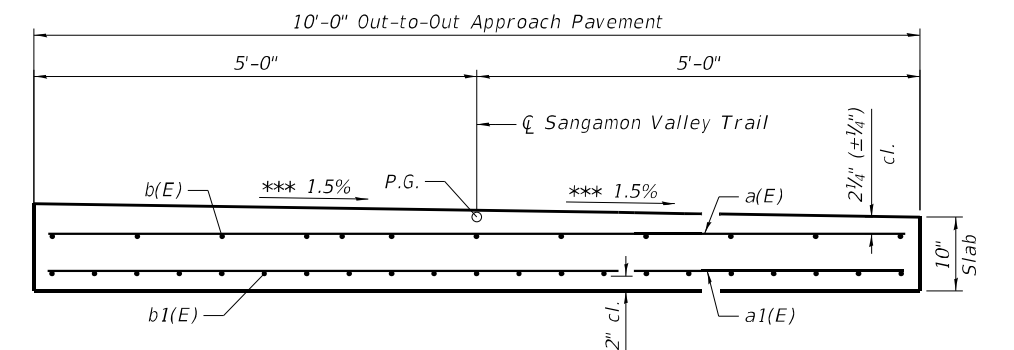
**SECTION A-A**

**SECTION THRU CONCRETE SLOPEWALL**  
(See roadway plans for drainage from sloped walls into ditches.)

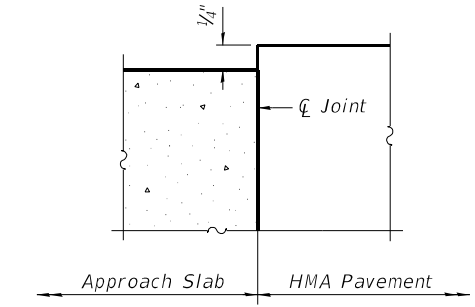
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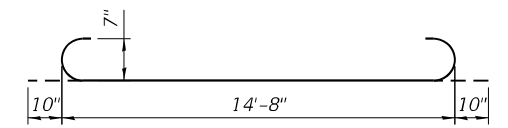
\* Tilt #7 b1(E) bars as required to maintain clearance to top of slab  
**PLAN**  
 (N. Appr. Shown, S. Appr. Similar)



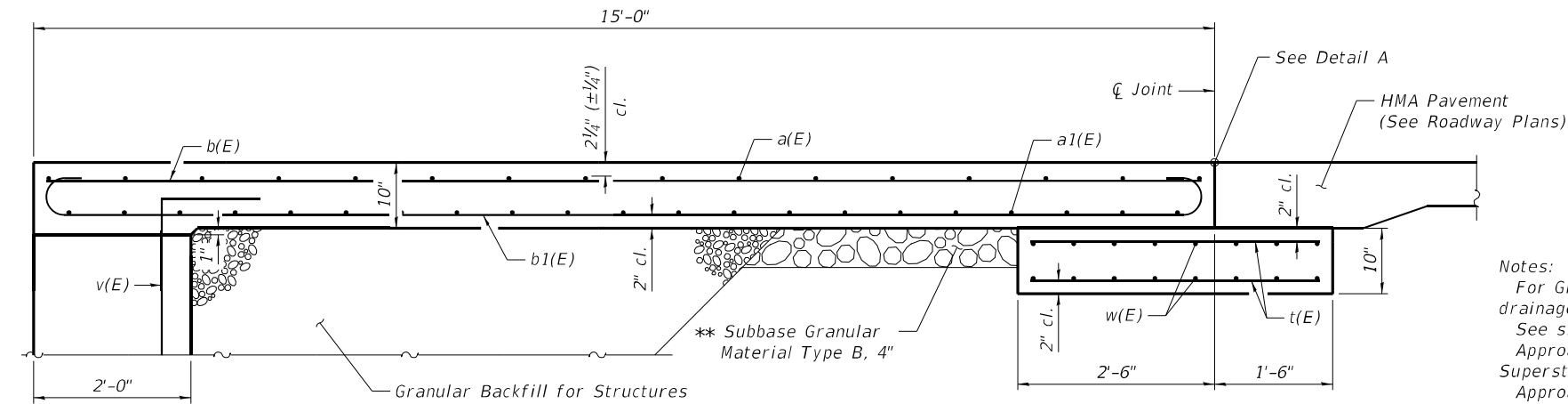
**SECTION B-B**  
 \*\*\* Transition from 1.5% at end of Approach Slab to 0% at Bk. of Abutment.



**DETAIL A**



**BAR b1(E)**



**SECTION A-A**

**Notes:**  
 For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 8.  
 See sheets 4 and 5 of 8 for v(E) bar details.  
 Approach slab shall be paid for as Concrete Superstructure (Approach Slab).  
 Approach footing concrete shall be paid for as Concrete Structures.  
 Cost of excavation for approach footing included with Concrete Structures.  
 The approach footing maximum applied service bearing pressure (Qmax) = 1.5 ksf.

**TWO APPROACHES  
 BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
a(E)	32	#5	9'-8"	—	
a1(E)	42	#6	9'-8"	—	
b(E)	22	#5	14'-8"	—	
b1(E)	42	#7	16'-4"	U	
t(E)	44	#4	3'-8"	—	
w(E)	32	#5	9'-8"	—	
Item				Unit	Total
Concrete Structures				Cu. Yd.	2.5
Protective Coat				Sq. Yd.	34
Concrete Superstructure (Approach Slab)				Cu. Yd.	9.4
Reinforcement Bars, Epoxy Coated				Pound	3,110

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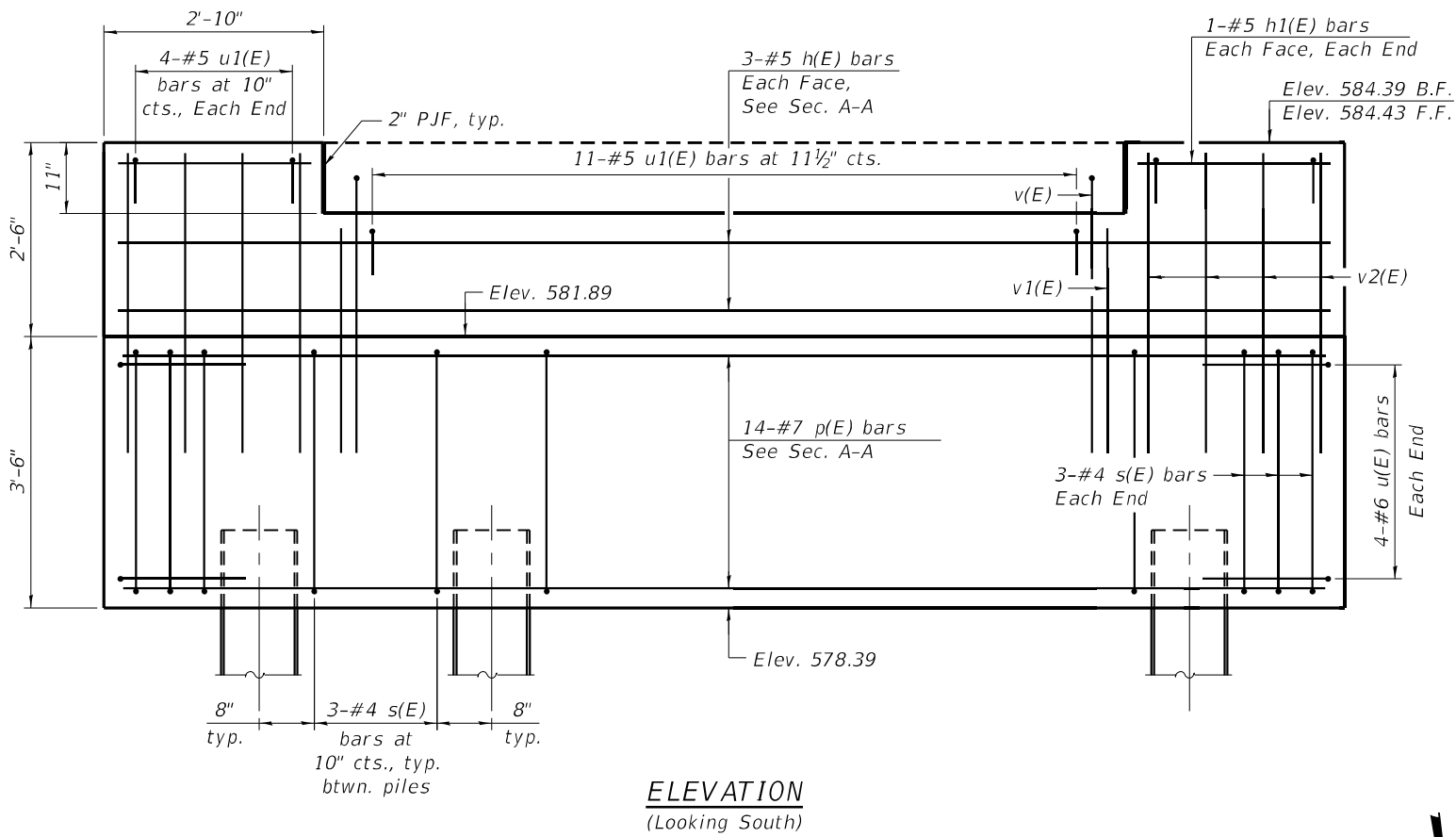
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

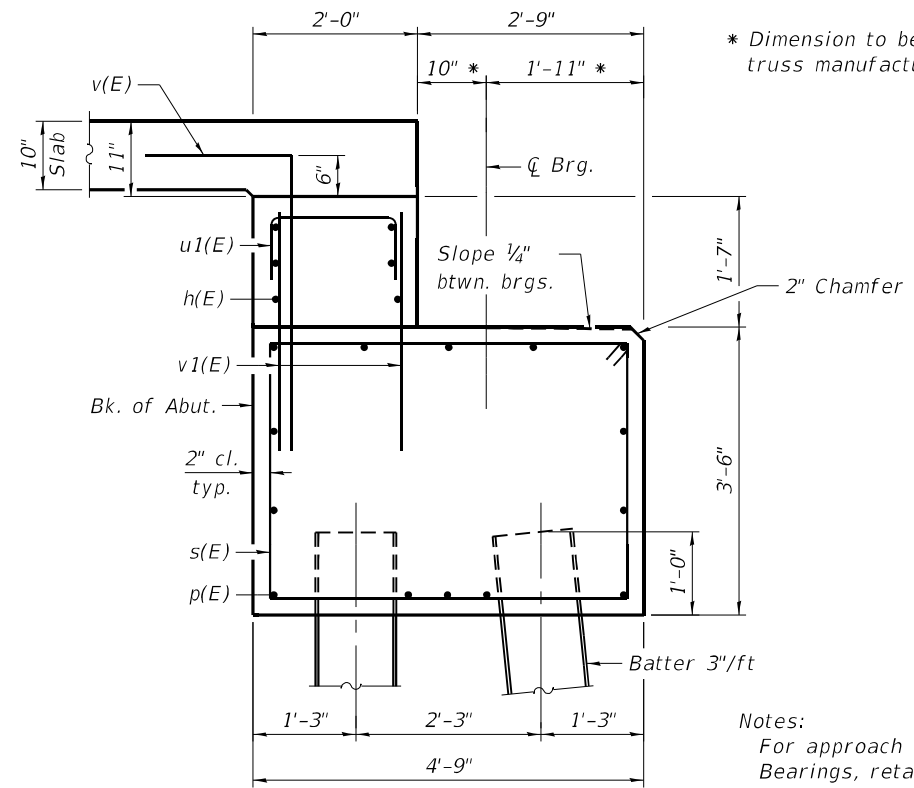
**BRIDGE APPROACH SLAB DETAILS  
 STRUCTURE NO. 084-3300**

SHEET 3 OF 8 SHEETS

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 248
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**ELEVATION**  
(Looking South)



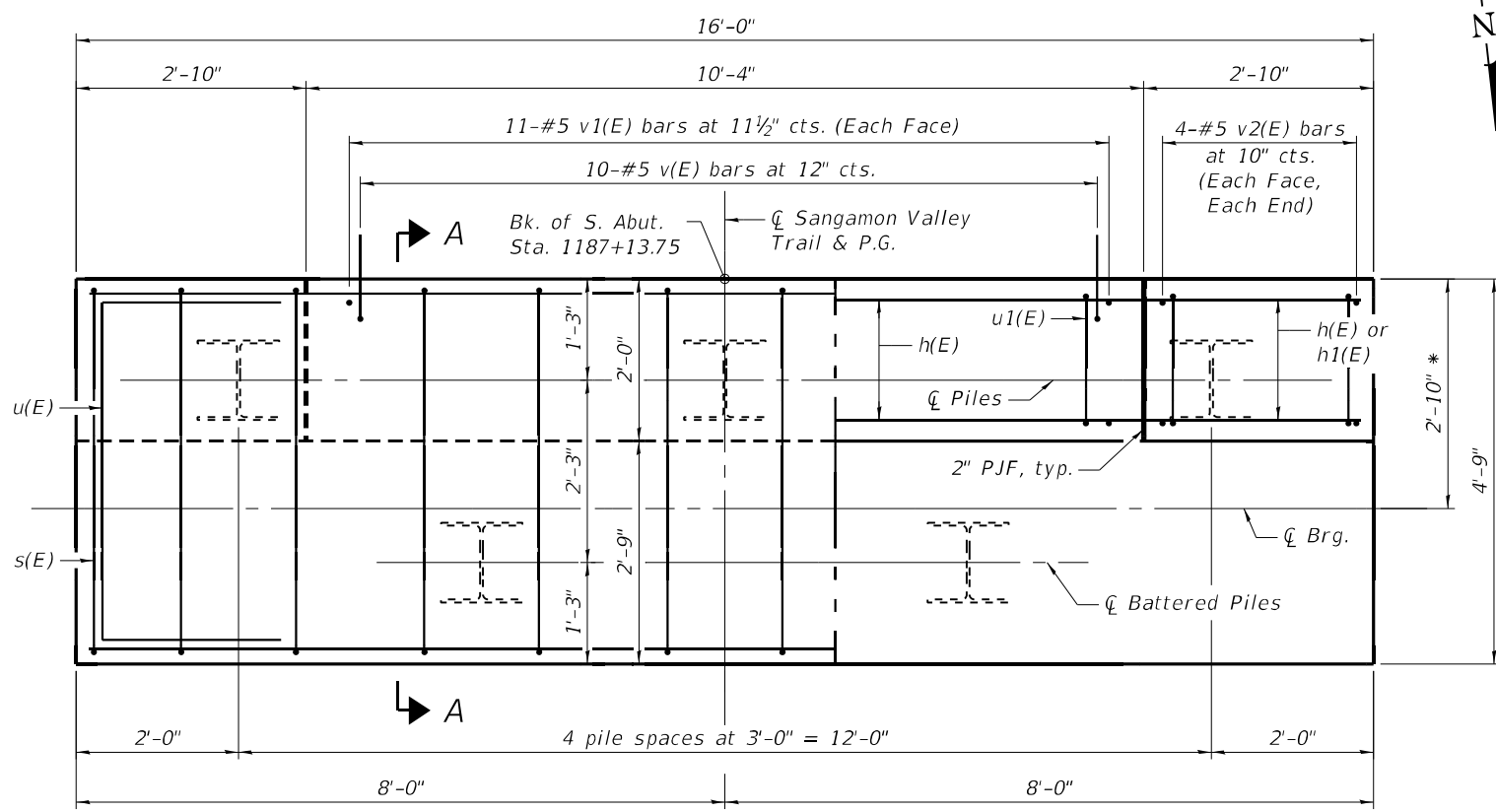
**SECTION A-A**

\* Dimension to be based on truss manufacturer's design

**PILE DATA**

Type: HP10x42  
 Nominal Required Bearing: 128 kips  
 Factored Resistance Available: 70 kips  
 Est. Length: 16 ft  
 No. Production Piles: 5  
 No. Test Piles: 0

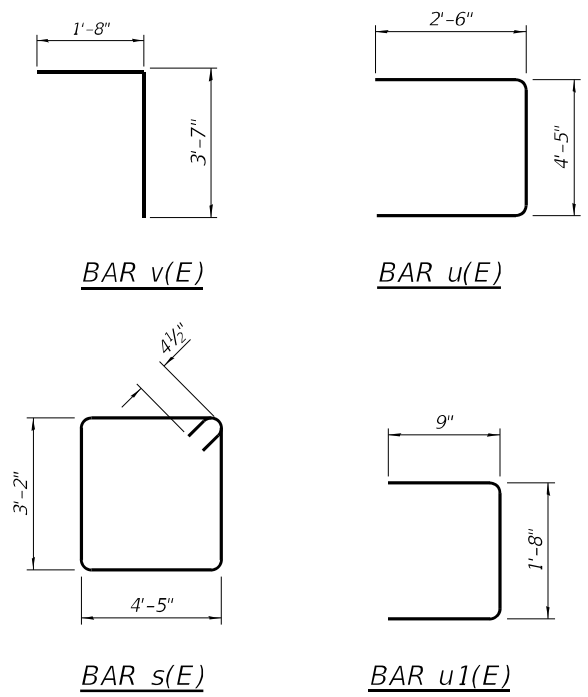
**Notes:**  
 For approach slab details, see sheet 3 of 8.  
 Bearings, retainers and anchor bolt design and locations are per the Truss Manufacturer. The Contractor shall place top cap reinforcement to miss anchor bolt location. Cost of bearings, retainers and anchor bolts included in cost of Pedestrian Truss Superstructure.  
 Concrete sealer shall be applied to the front face of the backwall, the top face of the backwall outside of the P.J.F, the bearing seat and the exposed portion of the pile cap.  
 For details of piles, see sheet 6 of 8.  
 Contractor to adjust the abutment cap elevations and backwall height as needed to provide the profile grade shown on sheet 2 of 8 based on the pedestrian truss shop drawings.



**PLAN**

SHOWING ABUTMENT CAP

SHOWING BACKWALL



**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
h(E)	6	#5	15'-8"	—	
h1(E)	4	#5	2'-6"	—	
p(E)	14	#7	15'-8"	—	
s(E)	18	#4	15'-11"	□	
u(E)	8	#6	9'-5"	U	
u1(E)	19	#5	3'-2"	U	
v(E)	10	#5	5'-3"	J	
v1(E)	22	#5	2'-11"	—	
v2(E)	16	#5	3'-10"	—	
Item				Unit	Total
Structure Excavation				Cu. Yd.	7
Concrete Structures				Cu. Yd.	12.2
Reinforcement Bars, Epoxy Coated				Pound	1,110
Furnishing Steel Piles HP10x42				Foot	80
Driving Piles				Foot	80
Concrete Sealer				Sq. Ft.	100

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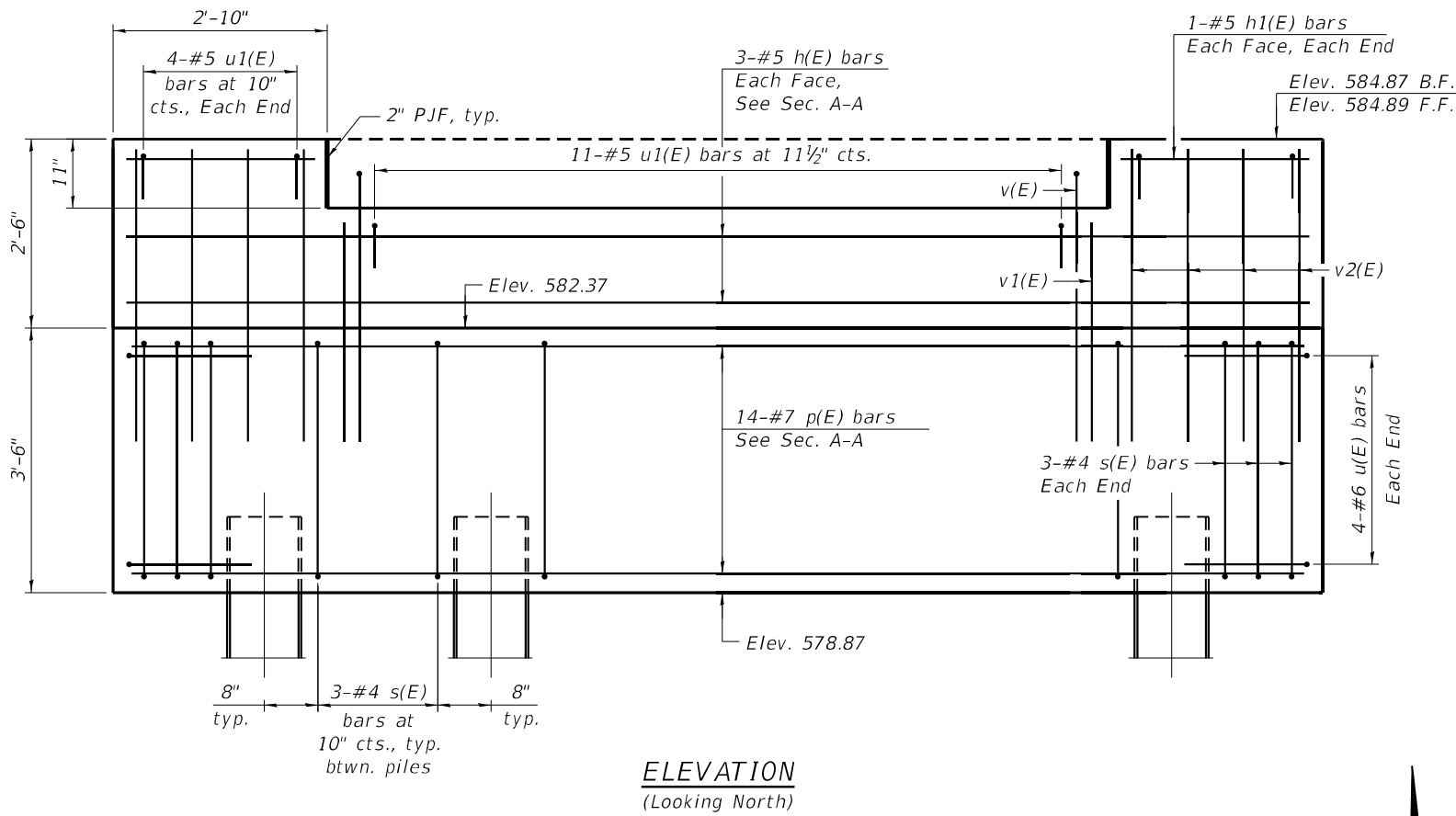
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

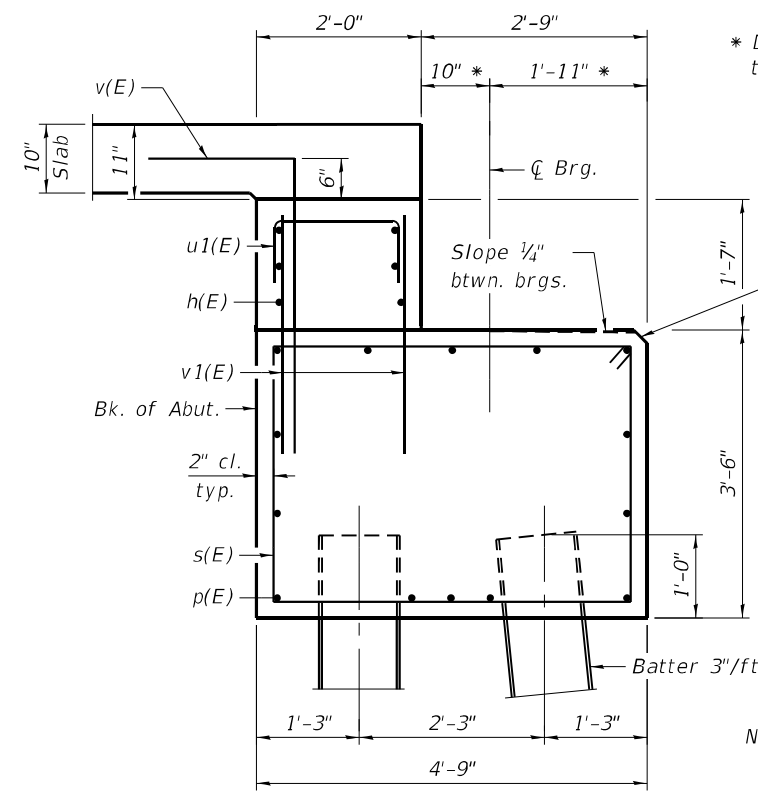
**SOUTH ABUTMENT**  
**STRUCTURE NO. 084-3300**

SHEET 4 OF 8 SHEETS

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 249
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**ELEVATION**  
(Looking North)



**SECTION A-A**

\* Dimension to be based on truss manufacturer's design

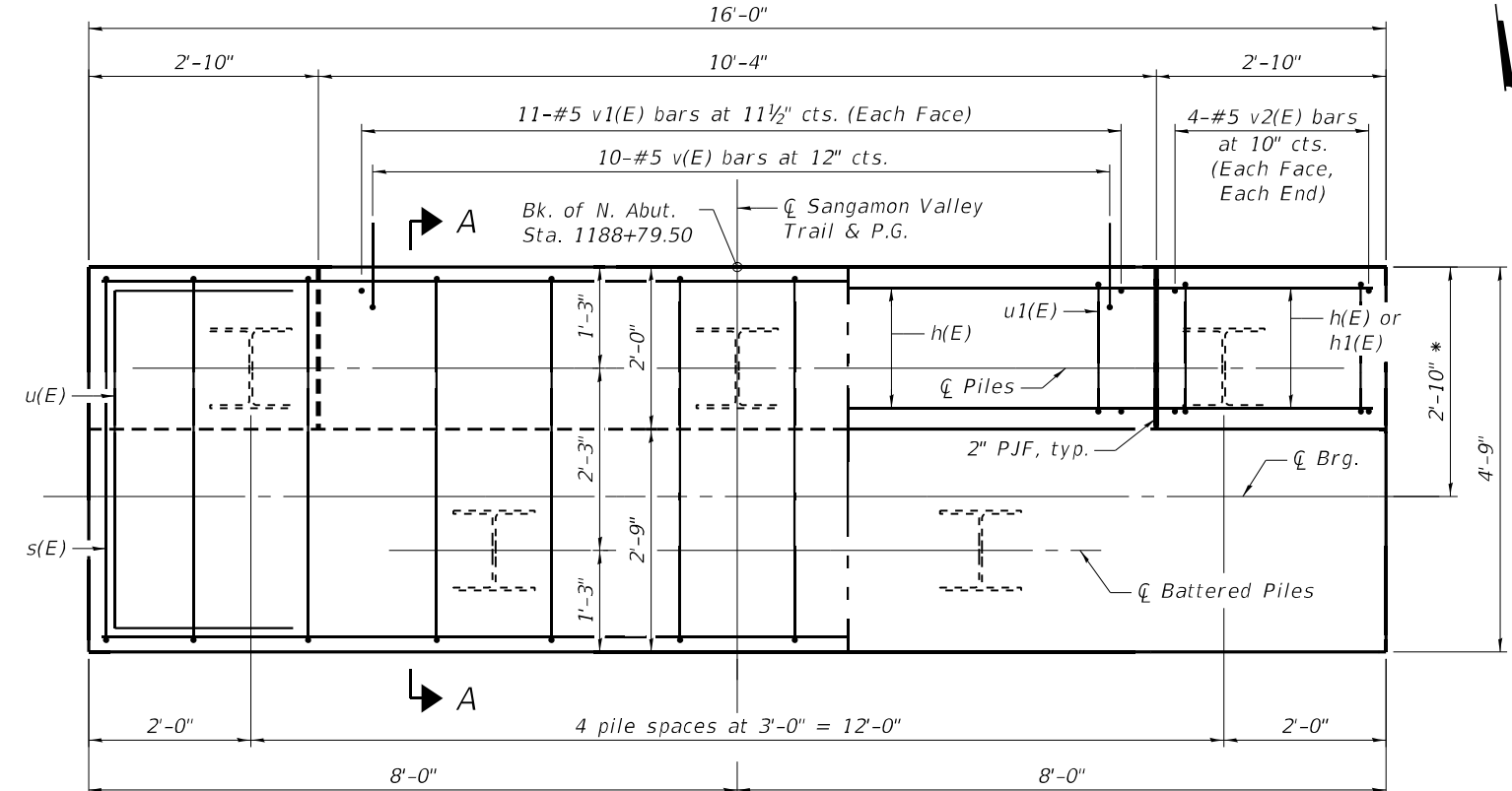
**PILE DATA**

Type: HP10x42  
Nominal Required Bearing: 132 kips  
Factored Resistance Available: 73 kips  
Est. Length: 18 ft  
No. Production Piles: 5  
No. Test Piles: 0

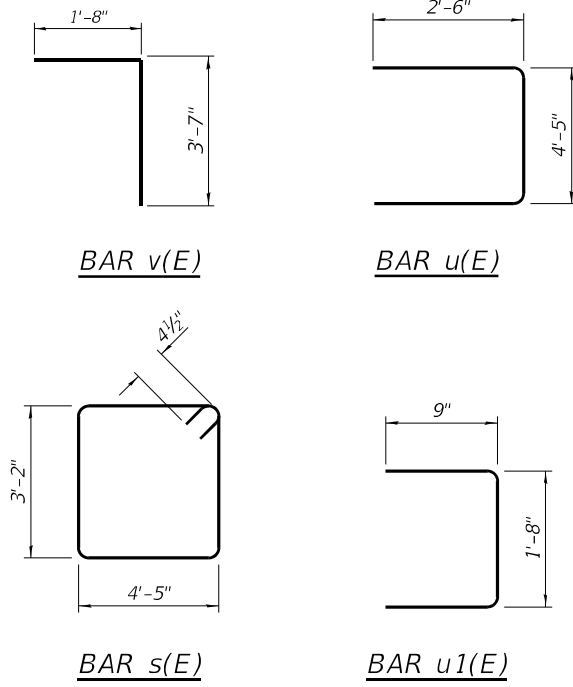
**Notes:**  
For approach slab details, see sheet 3 of 8.  
Bearings, retainers and anchor bolt design and locations are per the Truss Manufacturer. The Contractor shall place top cap reinforcement to miss anchor bolt location. Cost of bearings, retainers and anchor bolts included in cost of Pedestrian Truss Superstructure.  
Concrete sealer shall be applied to the front face of the backwall, the top face of the backwall outside of the P.J.F, the bearing seat and the exposed portion of the pile cap.  
For details of piles, see sheet 6 of 8.  
Contractor to adjust the abutment cap elevations and backwall height as needed to provide the profile grade shown on sheet 2 of 8 based on the pedestrian truss shop drawings.

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape	
h(E)	6	#5	15'-8"	—	
h1(E)	4	#5	2'-6"	—	
p(E)	14	#7	15'-8"	—	
s(E)	18	#4	15'-11"	□	
u(E)	8	#6	9'-5"	□	
u1(E)	19	#5	3'-2"	□	
v(E)	10	#5	5'-3"	┘	
v1(E)	22	#5	2'-11"	—	
v2(E)	16	#5	3'-10"	—	
Item				Unit	Total
Structure Excavation				Cu. Yd.	7
Concrete Structures				Cu. Yd.	12.2
Reinforcement Bars, Epoxy Coated				Pound	1,110
Furnishing Steel Piles HP10x42				Foot	90
Driving Piles				Foot	90
Concrete Sealer				Sq. Ft.	100



**PLAN**  
SHOWING ABUTMENT CAP      SHOWING BACKWALL



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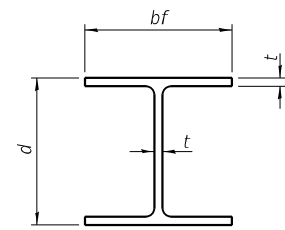
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QUIGG ENGINEERING INC

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

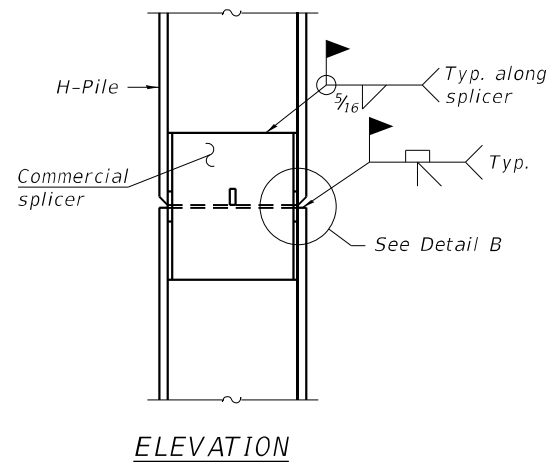
**NORTH ABUTMENT**  
**STRUCTURE NO. 084-3300**  
SHEET 5 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

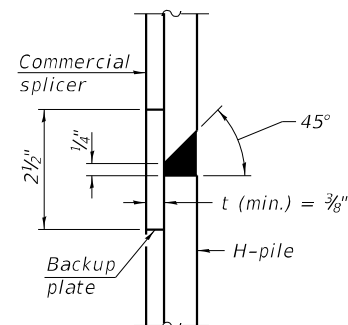


**STEEL PILE TABLE**

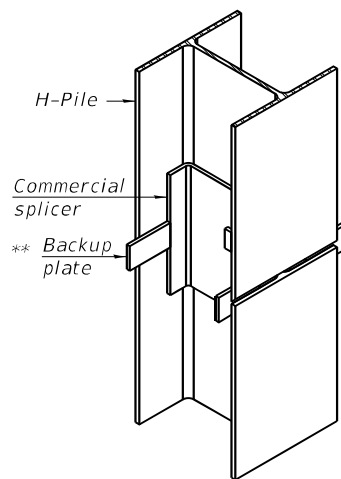
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 3/8"	14 3/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



**ELEVATION**

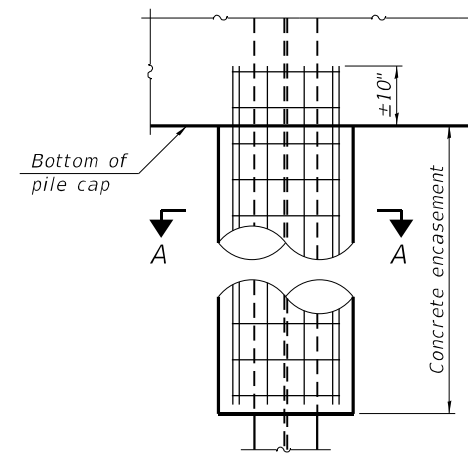


**DETAIL "B"**

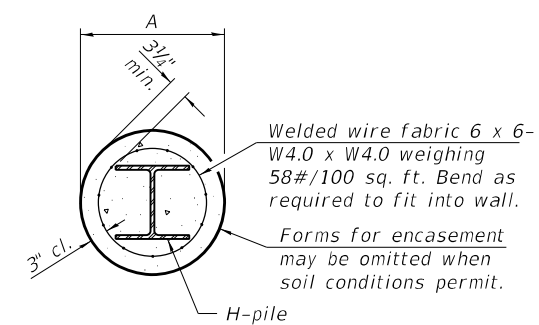


**ISOMETRIC VIEW**

**WELDED COMMERCIAL SPLICE**

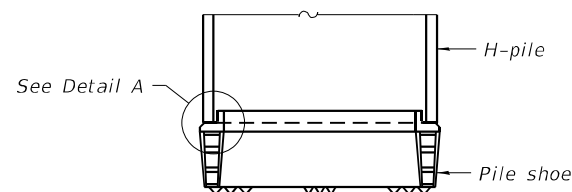


**ELEVATION**

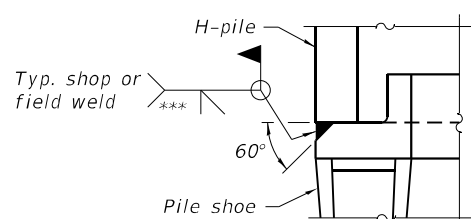


**SECTION A-A**

**INDIVIDUAL PILE CONCRETE ENCASUREMENT**  
(when specified)



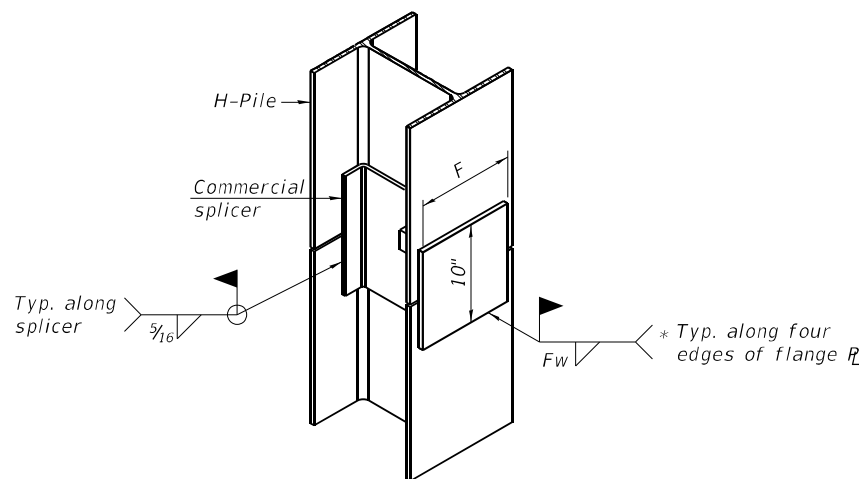
**ELEVATION**



**DETAIL A**

**SHOE ATTACHMENT**

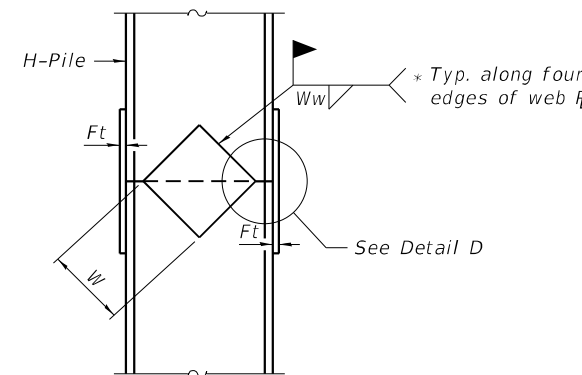
Note:  
The steel H-piles shall be according to AASHTO M270 Grade 50.



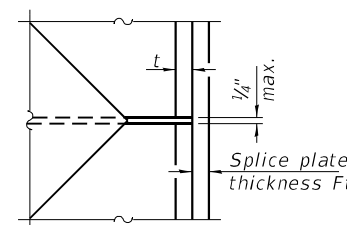
**ISOMETRIC VIEW**

**WELDED COMMERCIAL SPLICE ALTERNATE**

- \* Interrupt welds 1/4" from end of web and/or each flange.
- \*\* Remove portions of backup plates that extend outside the flanges.
- \*\*\* Weld size per pile shoe manufacturer (5/16" min.).

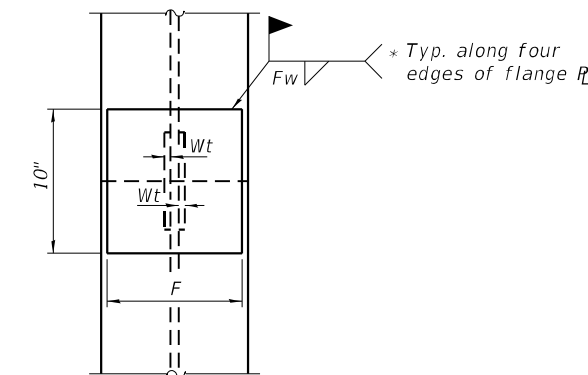


**ELEVATION**



**DETAIL D**

**WELDED PLATE FIELD SPLICE**



**END VIEW**

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1 1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

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CHECKED - ZLD  
DRAWN - ZLD  
CHECKED - MDC

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HP PILE DETAILS  
STRUCTURE NO. 084-3300

SHEET 6 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	251
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



# SOIL BORING LOG

Date 9/25/02

ROUTE FAP 67 (IL 97) DESCRIPTION Proposed bike path structure over IL 97 LOGGED BY M. Tappan  
 SECTION S(X) & W(X, TS) LOCATION SW 1/4, SEC. 19, TWP. 16 N, RNG. 5 W, 3 PM  
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D E P T H  (ft)	B L O W S  (/ft)	U C S Qu  (tsf)	M O I S T  (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
084-3300	1187+96.23	1	1187+34.75	41.0ft RT	563.68 ft					N/A ft	N/A ft	No Encounter ft			
Tannish Grey to Grey Dry Fissile Silty SHALE															
Grey															
554.68															
Grey Dry Fissile Micaceous Silty SHALE w/ Interbedded Fine Grained SANDSTONE															
548.18															
Boring Completed															

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 (AASHTO T206) BBS, from 137 (Rev. 8-99)



# SOIL BORING LOG

Date 9/24/02

ROUTE FAP 67 (IL 97) DESCRIPTION Proposed bike path structure over IL 97 LOGGED BY M. Tappan  
 SECTION S(X) & W(X, TS) LOCATION SW 1/4, SEC. 19, TWP. 16 N, RNG. 5 W, 3 PM  
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D E P T H  (ft)	B L O W S  (/ft)	U C S Qu  (tsf)	M O I S T  (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
084-3300	1187+96.23	2	1188+57.50	2.0ft RT	578.61 ft					N/A ft	N/A ft	No Encounter ft			
Crushed Stone (Railroad Ballast)															
576.61															
Cinders															
575.61															
Greyish Brown Moist SILTY CLAY LOAM															
573.11															
Greyish Brown Moist SILTY CLAY															
570.61															
Brown and Grey Moist V. Weathered CLAY (Till)															
Poor Recovery															
565.61															
Tan Dry Micaceous Silty SHALE															
Olive Grey															
Grey Fissile															

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 (AASHTO T206) BBS, from 137 (Rev. 8-99)

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS  
STRUCTURE NO. 084-3300

SHEET 7 OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	252
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

# SOIL BORING LOG

ROUTE FAP 67 (IL 97) DESCRIPTION IL 97 Bike Path LOGGED BY Mike Tappan  
SECTION S(X) & W(X, TS) LOCATION SW1/4, SEC. 19, TWP. 16N, RNG. 5W, 3 PM  
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	Station	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	DEPTH	BLOW	UCS	MOIST
084-3300	1187+96.23	(ft)	/6"	(tsf)	(%)	N/A	N/A	(ft)	/6"	(tsf)	(%)
<b>BORING NO.</b> 3 S. Abut						<b>Groundwater Elev.:</b>					
Station 1186+86.75						▼ First Encounter 554.2 ft					
Offset 2.0ft RT						▼ Upon Completion DRY ft					
Ground Surface Elev. 578.74 ft						▼ After 96 Hrs. DRY ft					
Crushed Stone (Railroad BALLAST) and CINDERS						Gray and Brown Moist Weathered Silty Shale (continued)					
576.24						85					
						/4"					
						7					
Grayish Brown Moist SILTY CLAY						100					
						/3"					
						27					
1						▼					
-5						553.74					
2						100					
3						/3"					
3						B					
1											
2						1.41					
4						B					
570.24											
Gray and Brown Moist CLAY (Till)											
1											
-10						-30					
2						1.77					
3						B					
24											
1											
566.24						3					
3						1.98					
10						B					
21											
Gray and Brown Moist Weathered Silty Shale											
2											
7						10					
-15						-35					
67											
3											
40						11					
60											
/3"											
2											
-20						-40					
15						8					
Boring Completed											

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 (AASHTO T206) BBS, from 137 (Rev. 8-99)

# SOIL BORING LOG

ROUTE FAP 67 (IL 97) DESCRIPTION IL 97 Bike Path LOGGED BY Mike Tappan  
SECTION S(X) & W(X, TS) LOCATION SW1/4, SEC. 19, TWP. 16N, RNG. 5W, 3 PM  
COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	Station	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	DEPTH	BLOW	UCS	MOIST
084-3300	1187+96.23	(ft)	/6"	(tsf)	(%)	N/A	N/A	(ft)	/6"	(tsf)	(%)
<b>BORING NO.</b> 4 N. Abut						<b>Groundwater Elev.:</b>					
Station 1188+97.50						▼ First Encounter ft					
Offset 2.0ft RT						▼ Upon Completion DRY ft					
Ground Surface Elev. 578.74 ft						▼ After 96 Hrs. 565.2 ft					
Coarse Crushed Stone (Railroad Ballast) and Gray Coarse Dry SANDY GRAVEL (Fill)						Silty SHALE (continued)					
						75					
						/5"					
						7					
4						100					
12						/5"					
13						8					
575.24											
Grayish Brown Moist SILTY CLAY											
						11					
0						100					
-5						/3"					
1						8					
0.89											
24											
2											
B											
1											
2						1.41					
2						B					
23											
570.24											
Gray and Brown Moist CLAY (Till)											
1						10					
-10						-30					
2						2.19					
3						B					
23						9					
548.74						100					
3						/4"					
Boring Completed											
2											
3						1.78					
4						B					
17											
564.74											
Silty SHALE											
7											
-15						-35					
27						12					
46											
12											
39						12					
61											
/4"											
5											
-20						-40					
25						11					
Stations Per Plans Elevations Referred to Boring 2											

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 (AASHTO T206) BBS, from 137 (Rev. 8-99)

MODEL: Default  
FILE NAME: S:\Projects\2012\_1065\12-97-51\0013\_QEI\_DE IE Prime IL 97\Bike Path\GPJ Data Template D6\TEMP\LT.GDT Date Printed 1/7/21

File Name S:\SOILS\IGNT FILES\084 SANGAMON\BRIDGE BORINGS\084-7007 IL 97 BIKE PATH.GPJ Data Template D6\TEMP\LT.GDT Date Printed 1/7/21  
Latitude 39D49.092N Longitude 89D42.629W Datum NAD83 Job Number D96-501-95

File Name S:\SOILS\IGNT FILES\084 SANGAMON\BRIDGE BORINGS\084-7007 IL 97 BIKE PATH.GPJ Data Template D6\TEMP\LT.GDT Date Printed 1/7/21  
Latitude 39D49.124N Longitude 89D42.626W Datum NAD83 Job Number D96-501-95



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PLOT DATE =	CHECKED - MDC	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

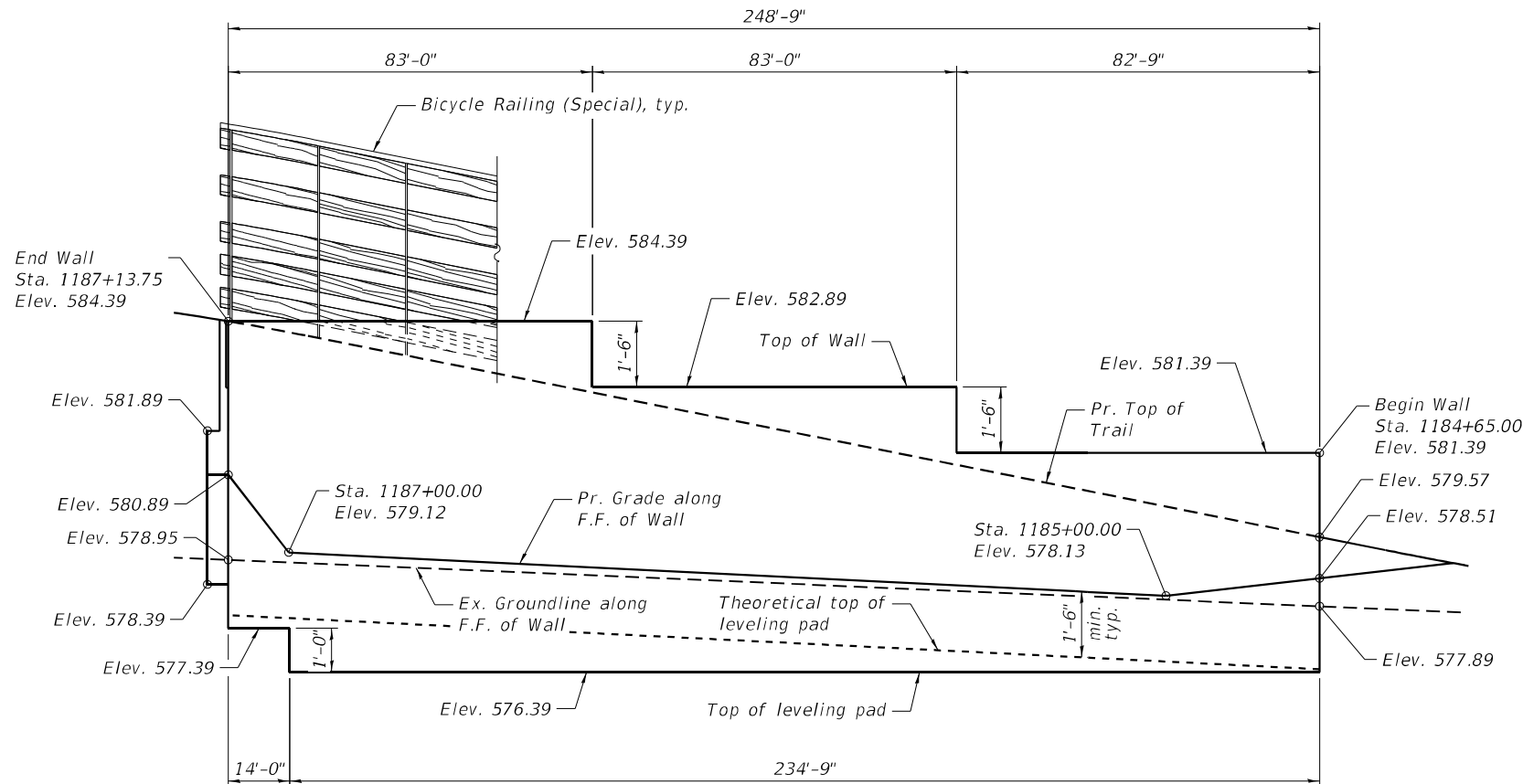
SOIL BORING LOGS  
STRUCTURE NO. 084-3300

SHEET 8 OF 8 SHEETS

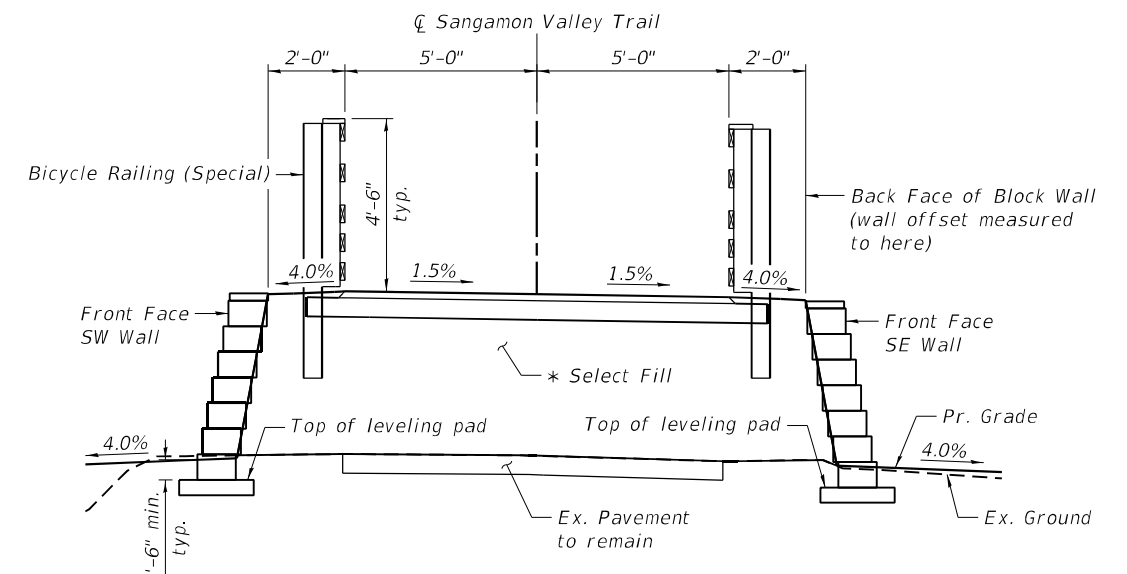
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CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

Bench Mark: Chiseled "+" on NE bolt of light pole at NE corner of Christian Church parking lot, SW corner of IL 97 and Koke Mill Road. Sta 834+53.12, 166.57' Rt - Elev 590.20

Trail to be closed during construction.

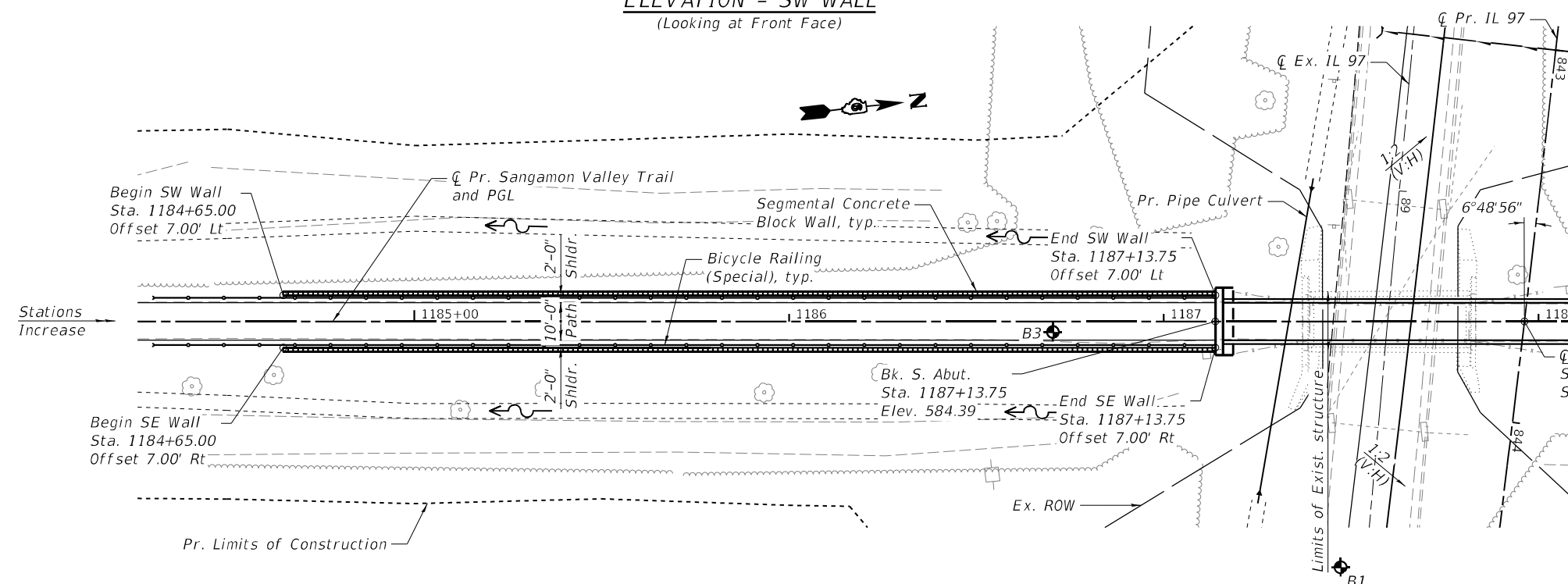


**ELEVATION - SW WALL**  
(Looking at Front Face)



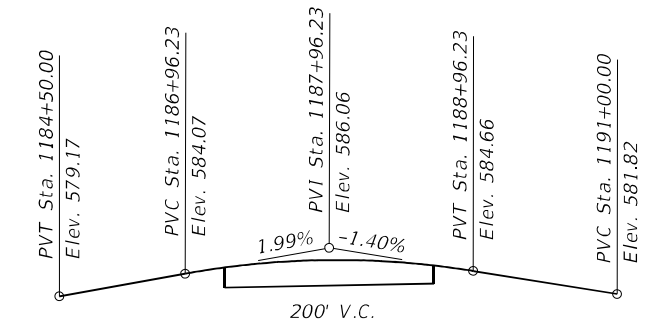
\* Included in cost of Segmental Concrete Block Wall

**TYPICAL SECTION**  
(Looking North)



**PLAN**

Note:  
Offsets to back face at top of wall.



**PROFILE GRADE & SANGAMON VALLEY TRAIL**

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	362
Segmental Concrete Block Wall	Sq. Ft.	5,901
Bicycle Railing (Special)	Foot	939

**GENERAL NOTES**

Wall Supplier/Designer is responsible for design of wall drainage (either weep holes or a sub-drain).

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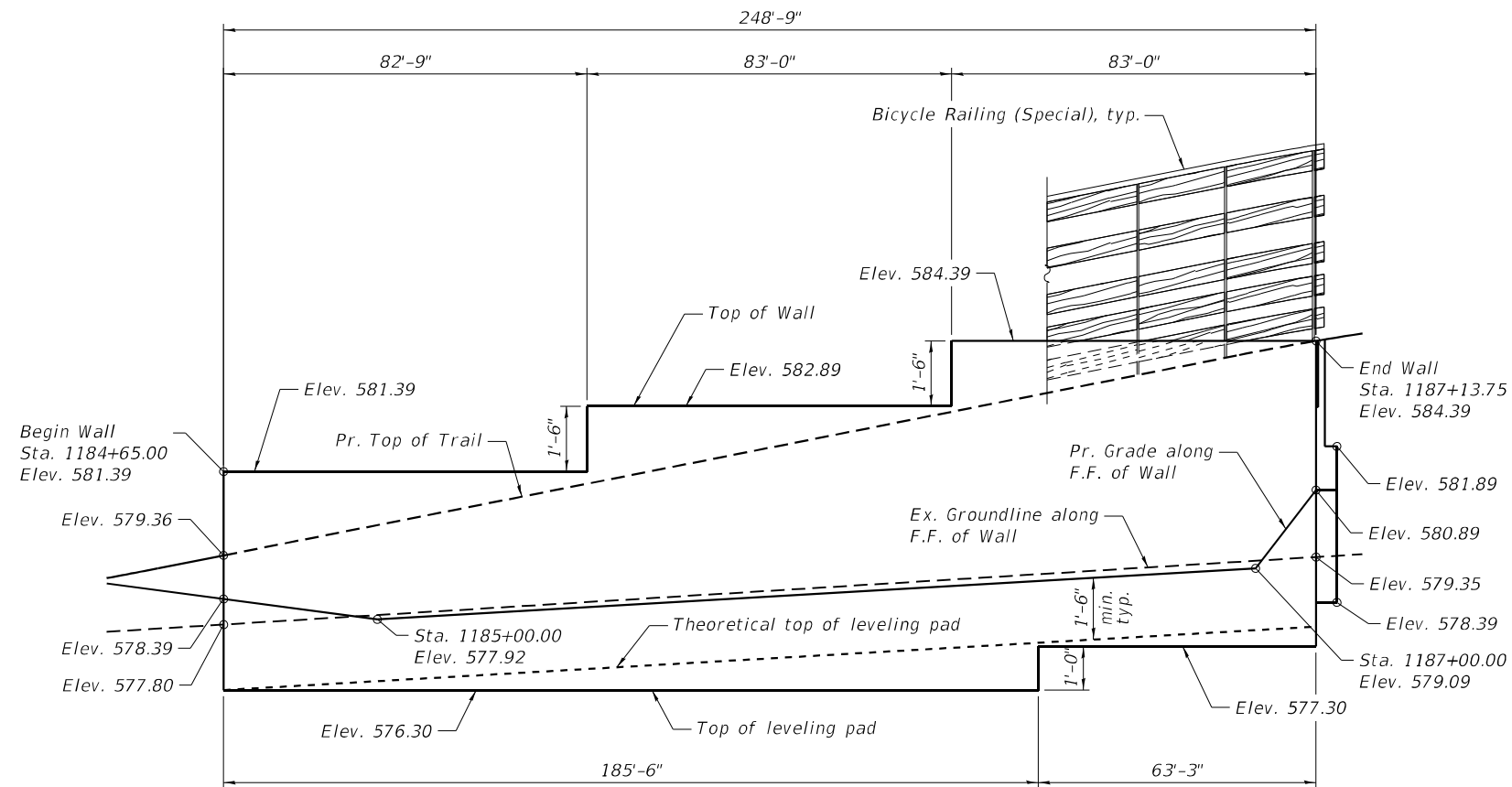
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CHECKED - KWB	REVISED -
DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

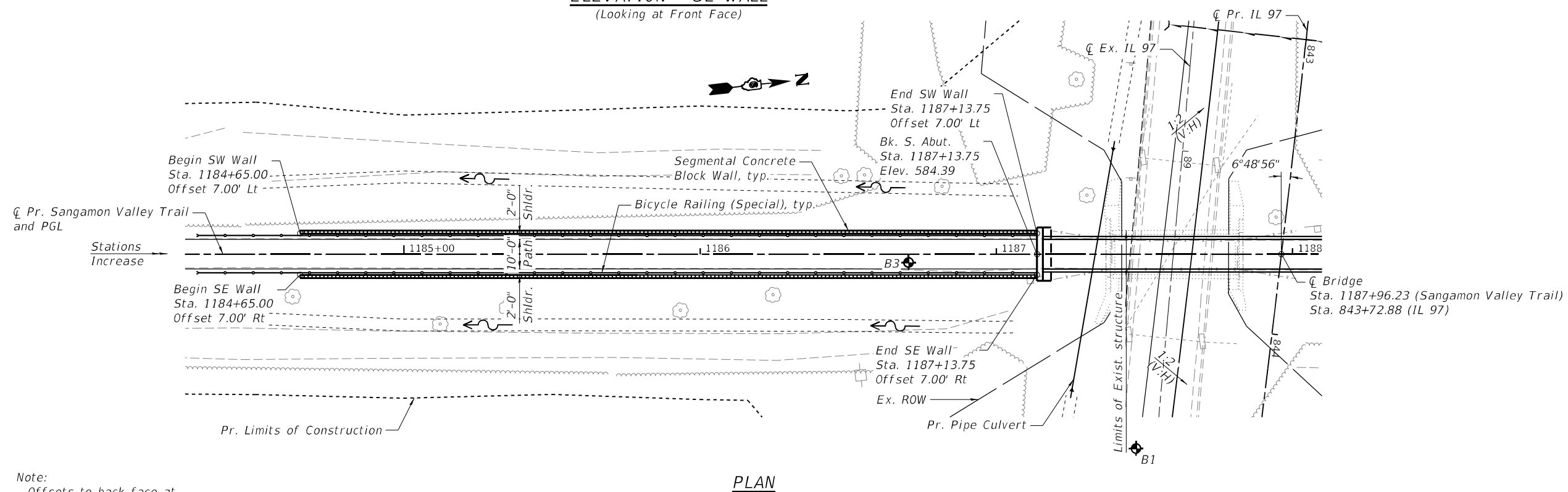
**SANGAMON VALLEY TRAIL RETAINING WALL DETAILS  
SW QUADRANT**

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 254
			CONTRACT NO. 92621	
ILLINOIS FED. AID PROJECT				



**ELEVATION - SE WALL**  
(Looking at Front Face)



Note:  
Offsets to back face at  
top of wall.

**PLAN**

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 PROJECT: 2012\_JOBS\12-97-S\10013\_001.DWG  
 USER: RGoertz  
 DATE: 05/08/2026



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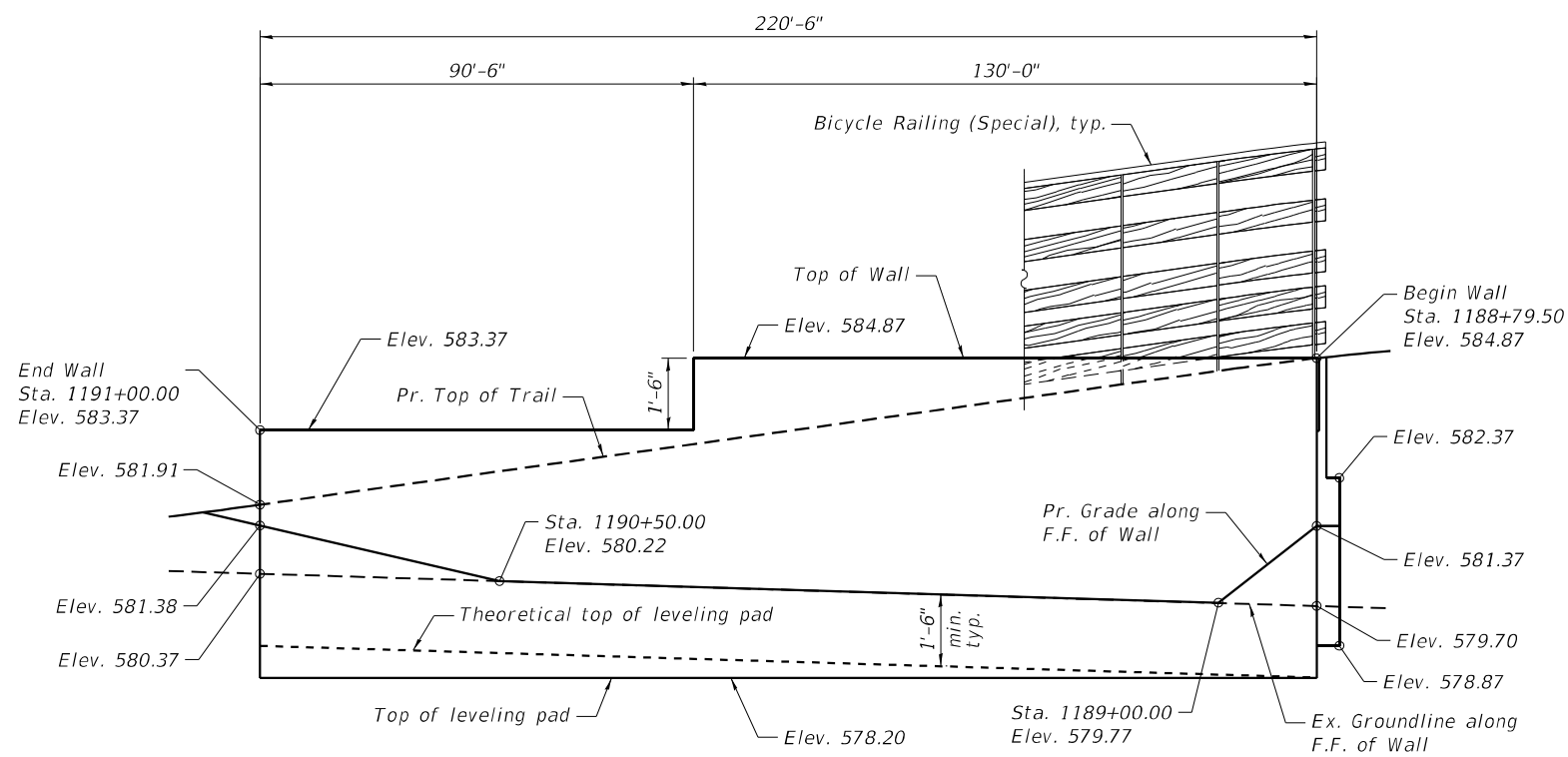
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CHECKED - KWB	REVISED -
DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

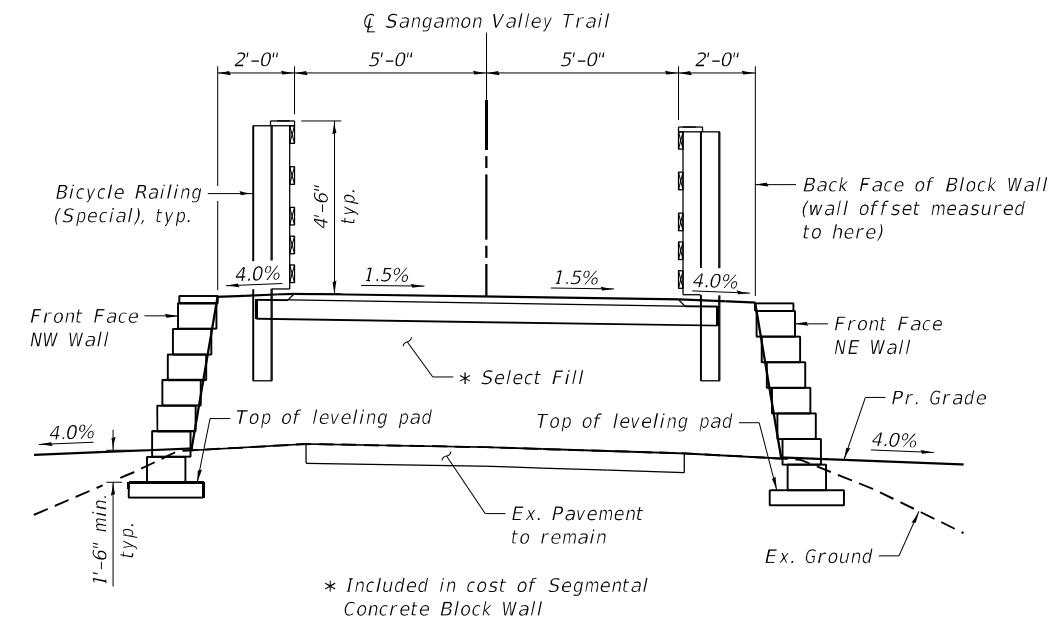
**SANGAMON VALLEY TRAIL RETAINING WALL DETAILS  
SE QUADRANT**

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

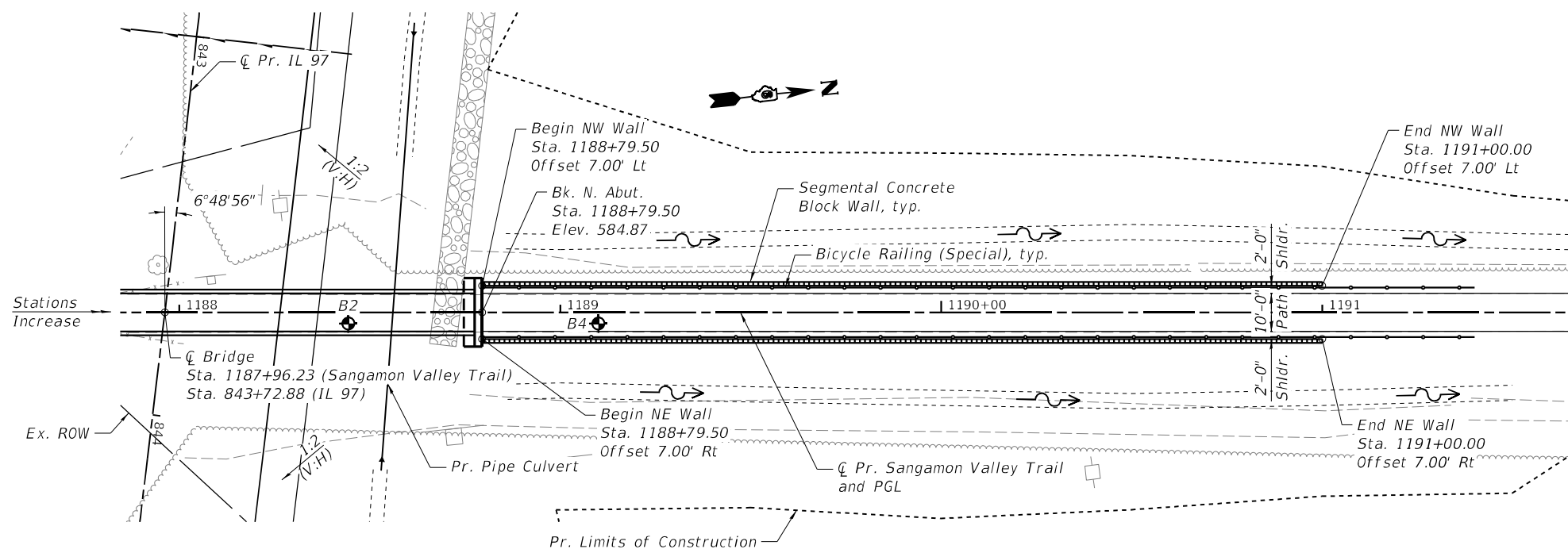
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	255
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**ELEVATION - NW WALL**  
(Looking at Front Face)



**TYPICAL SECTION**  
(Looking North)



**PLAN**

MODEL: D:\p\11...  
 FILE NAME: S:\projects\2012...  
 USER: RGoertz



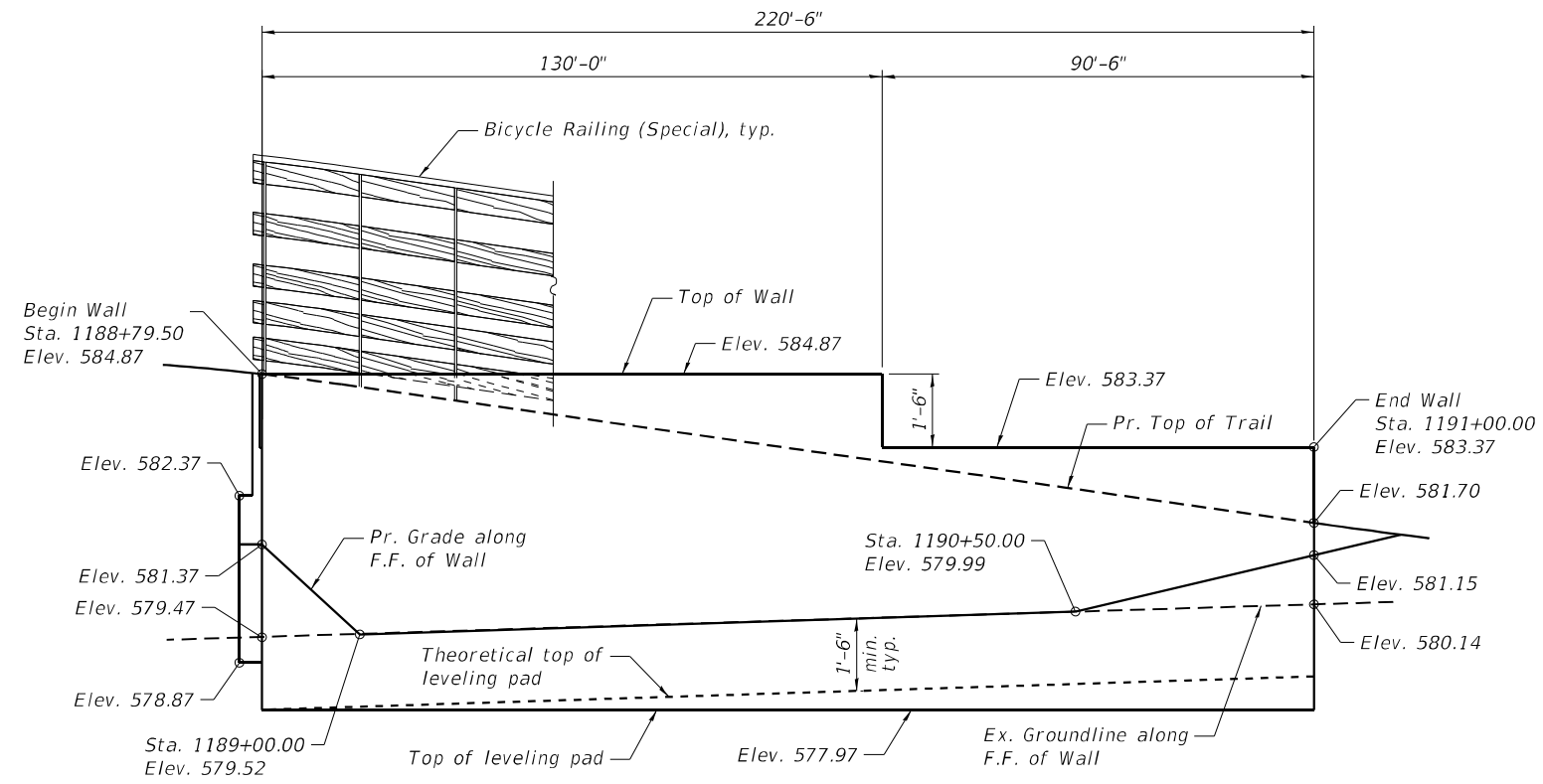
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	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

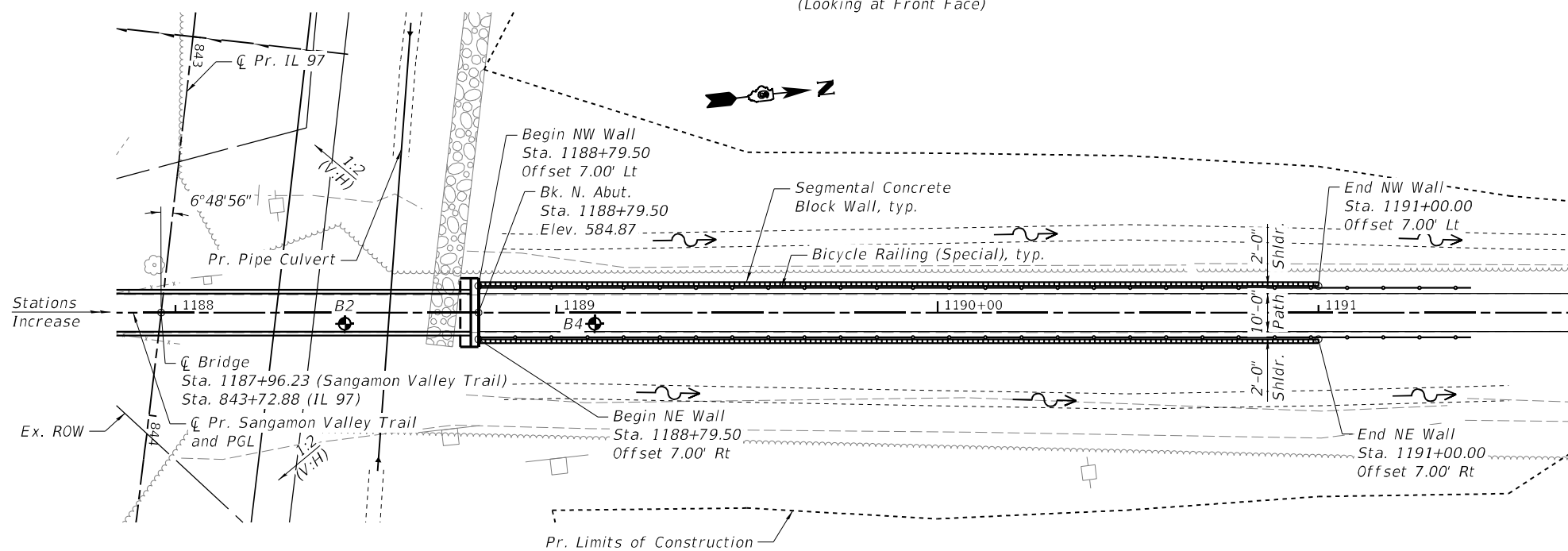
**SANGAMON VALLEY TRAIL RETAINING WALL DETAILS**  
**NW QUADRANT**

SCALE: NONE    SHEET 3 OF 5 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	256
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**ELEVATION - NE WALL**  
(Looking at Front Face)



**PLAN**

Note:  
Offsets to back face at  
top of wall.

MODEL: D:\p\11\110013\_001\110013\_001.DWG; PLOT DATE: 5/8/2026; USER: RGOERTZ; PROJECT: SANGAMON VALLEY TRAIL RETAINING WALL, NE QUADRANT



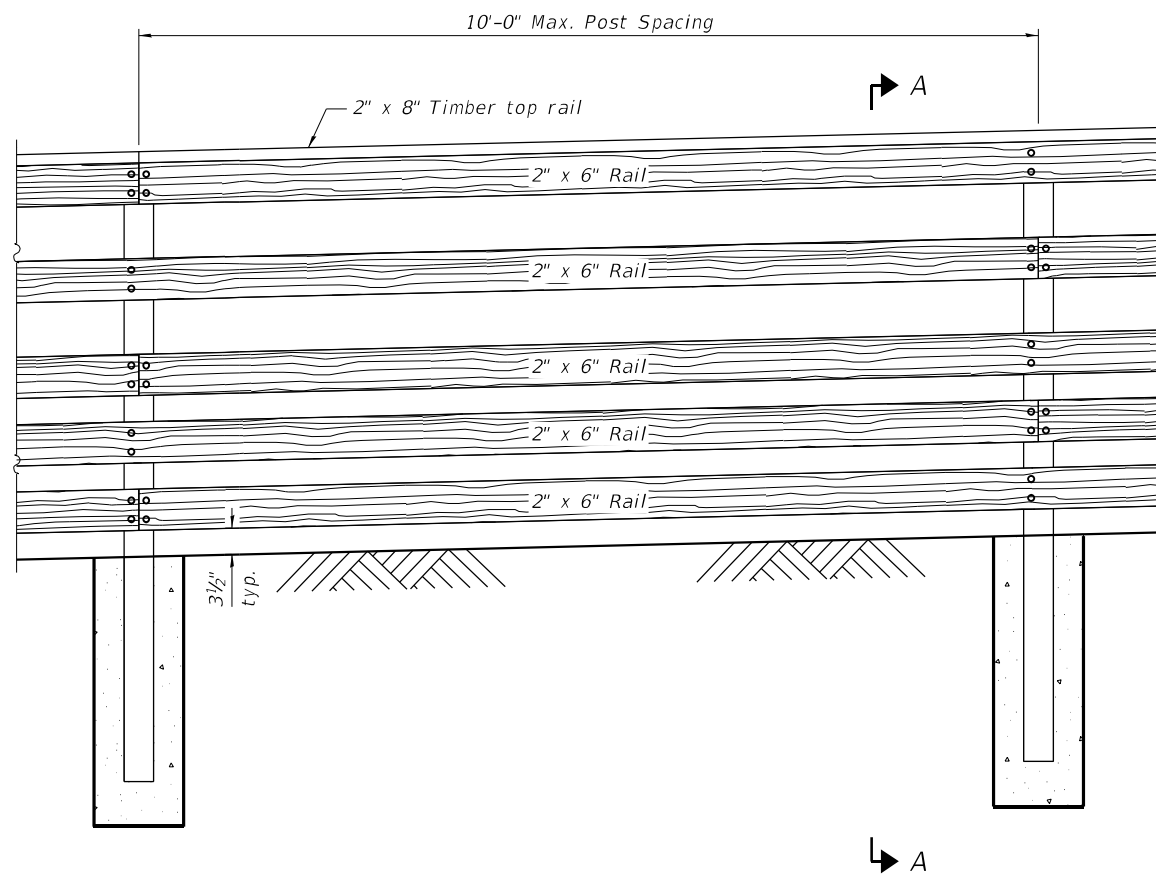
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	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

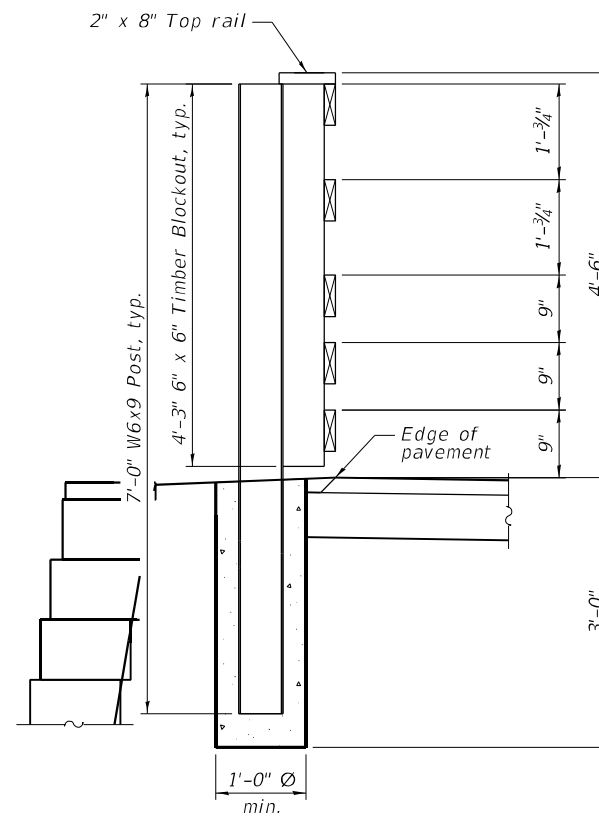
**SANGAMON VALLEY TRAIL RETAINING WALL DETAILS**  
**NE QUADRANT**

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 67	SECTION (S,W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 257
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

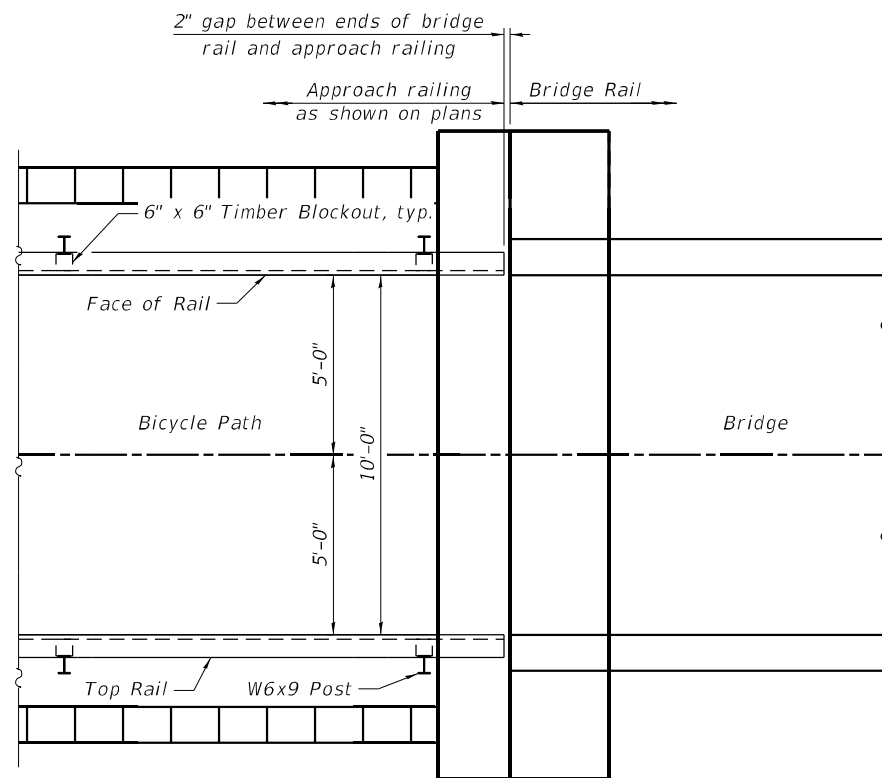


**ELEVATION**

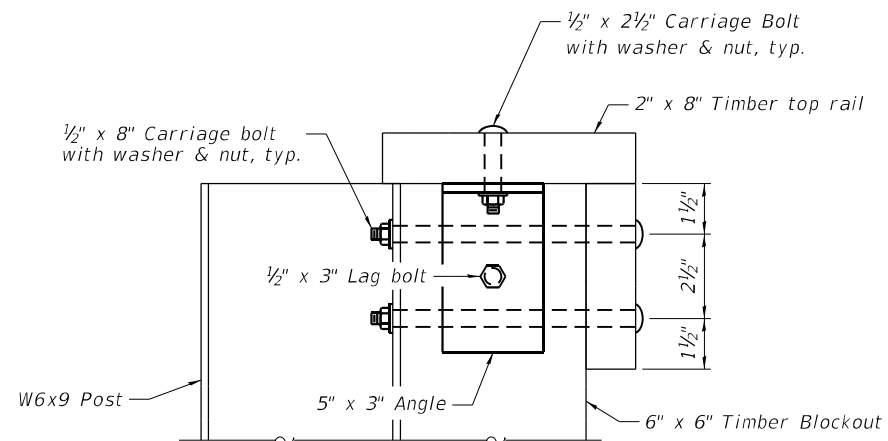


**SECTION A-A**

Notes:  
 Steel posts shall be as specified in Article 1006.23.  
 All hardware shall be as specified in Article 1006.25.  
 Timber rails shall be treated southern pine as specified in Article 1007.03 (fb = 1,500 psi).  
 Stagger alternating butt ends on face rail and top rail. Center all butt joints on the posts.



**PLAN**



**TOP RAIL CONNECTION DETAIL**

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	DATE - 05/08/2026	REVISD -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SANGAMON VALLEY TRAIL RETAINING WALL DETAILS  
 BICYCLE RAILING (SPECIAL)

SCALE: NONE SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	258
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

**GENERAL NOTES**

4" Ø drainage holes shall be field drilled through the wall panels as required to facilitate surface drainage with a maximum of one hole per panel. Location to be determined in the field by the Engineer. Cost included with Noise Abatement Wall, Ground Mounted.

The Noise Abatement Walls shall have an absorptive panel system on the roadway side and either absorptive or reflective on the residential side, unless noted otherwise. See Special Provision for additional details.

All reinforcement including the welded wire fabric shall be Epoxy Coated. Welded wire fabric shall be according to AASHTO M 55.

The Contractor shall verify and consider the location of existing and proposed drainage structures, overhead and underground utilities prior to wall construction. Any damage to utilities to be repaired at the Contractor's expense.

Type, size and spacing of post, noise wall panels, drilled shaft size and embedment length, reinforcement details, lifting bars and wall limits including top and bottom of wall shall be determined by Contractor. Cost included with Noise Abatement Wall, Ground Mounted.

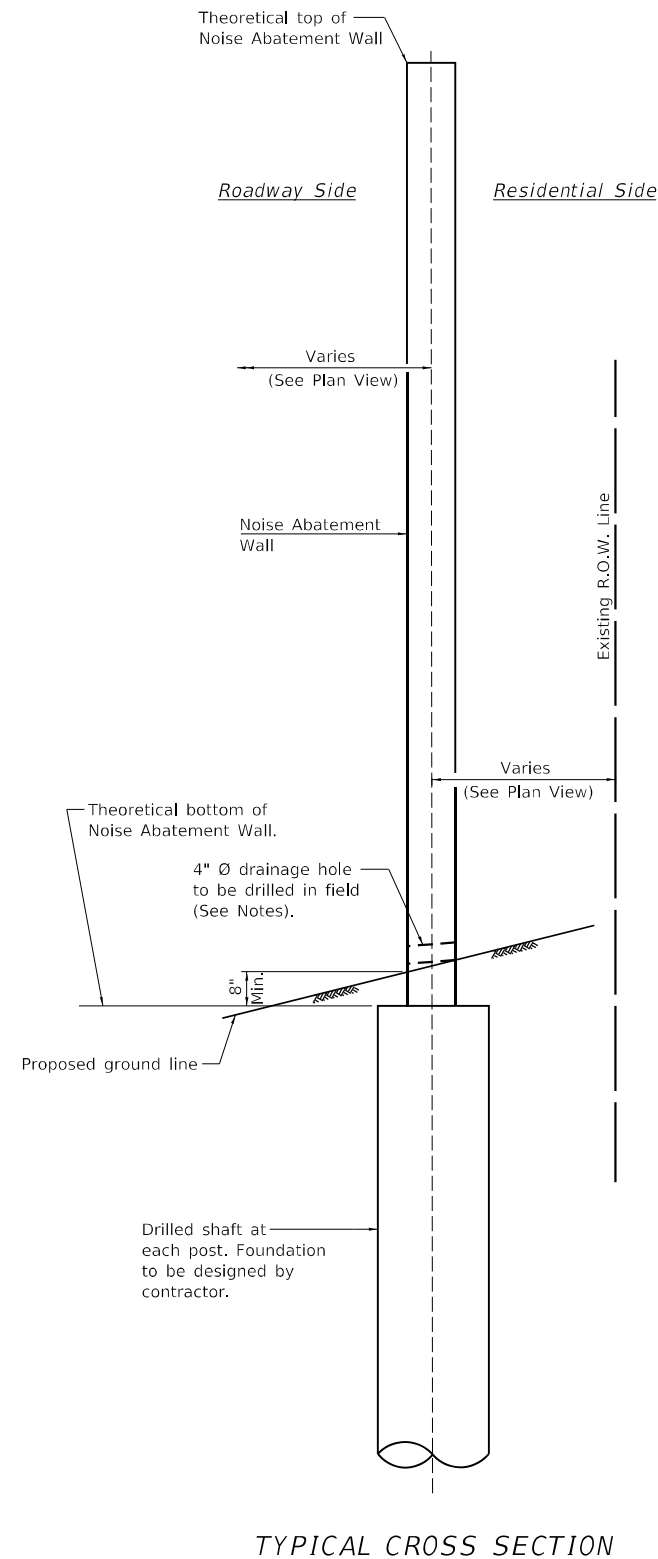
It shall be a Contractor's responsibility to field verify existing ground elevations at the locations of the proposed ground mounted noise abatement walls and compare to that shown on the plans. Adjustments to NAW heights as required to accommodate actual field conditions shall be made by the Contractor at no additional cost. Cost to comply with this requirement is included in the cost of Noise Abatement Wall, Ground Mounted.

**INDEX OF SHEETS**

S1	Details
S2-S4	Noise Abatement Wall Plan & Elevation

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Noise Abatement Wall, Ground Mounted	SQ FT	29,848



**DESIGN SPECIFICATIONS**

AASHTO LRFD Bridge Design Specifications, 2020 Edition

**DESIGN STRESSES**

**FIELD UNITS**

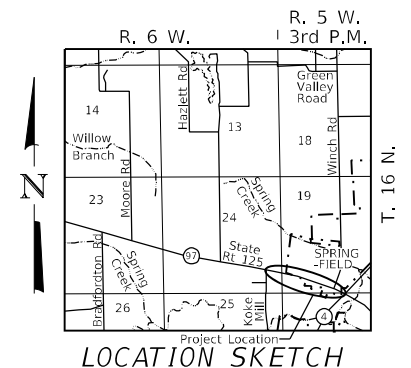
- $f'c = 4,000$  p.s.i.
- $f_y = 60,000$  p.s.i. (Reinforcement)
- $f_y = 50,000$  p.s.i. (Struct. Steel, M270 Grade 50, posts)
- $f_y = 36,000$  p.s.i. (Struct. Steel, M270 Grade 36, all other structural steel)

**PRECAST UNITS**

- $f'c = 4,500$  p.s.i.
- $f_y = 60,000$  p.s.i. (Reinforcement)
- $f_y = 65,000$  p.s.i. (Welded Wire Reinforcement)

**DESIGN LOADS**

Strength III or V Wind: 35 psf  
Service I Wind: 15 psf



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 DATE: 05/08/2026



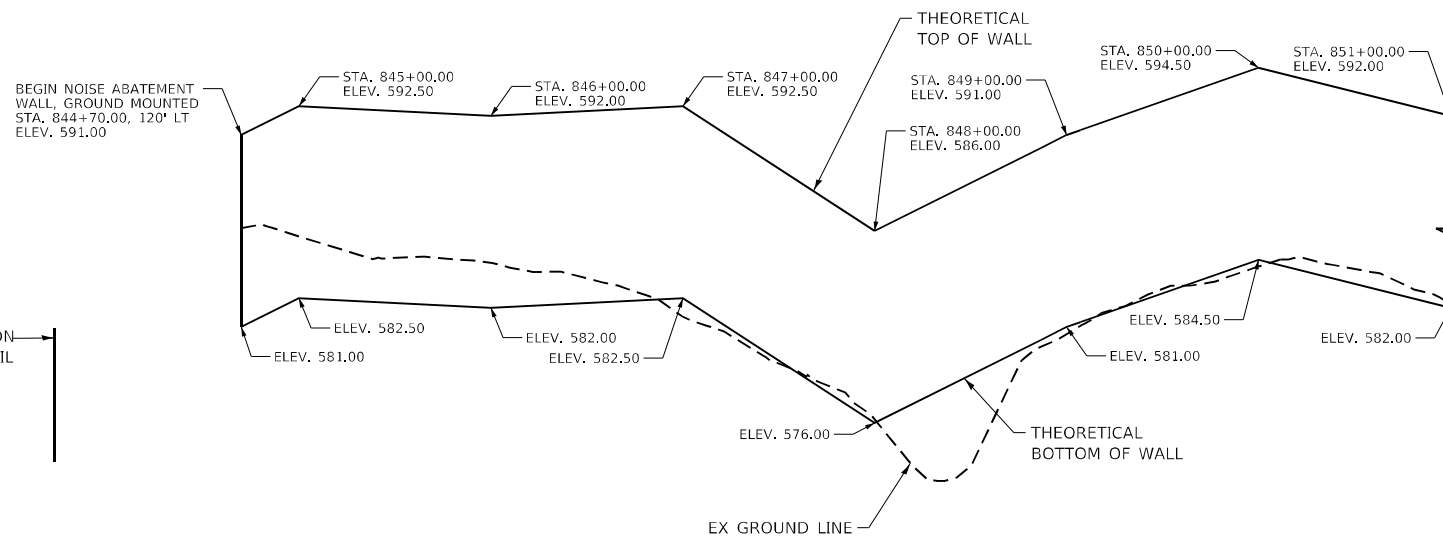
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS  
NOISE ABATEMENT WALLS**

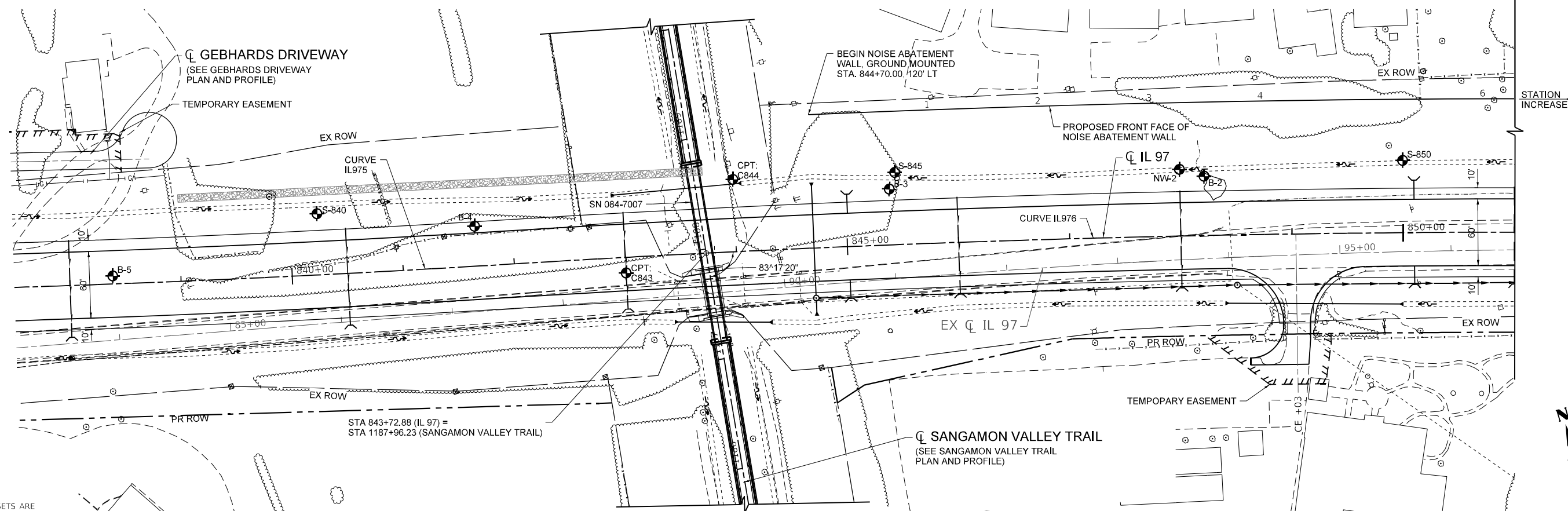
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F.A.P. RTE. 67	SECTION (S.W)R-2.W-2.PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 259
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



NOTE: POST SPACING SHALL NOT EXCEED 20 FT.

**ELEVATION**  
(LOOKING NORTH)



NOTE:  
STATIONS AND OFFSETS ARE  
FROM CL IL 97 TO FRONT  
FACE OF WALL.

**PLAN**

MODEL: D:\p1\h\11111111\11111111.dwg  
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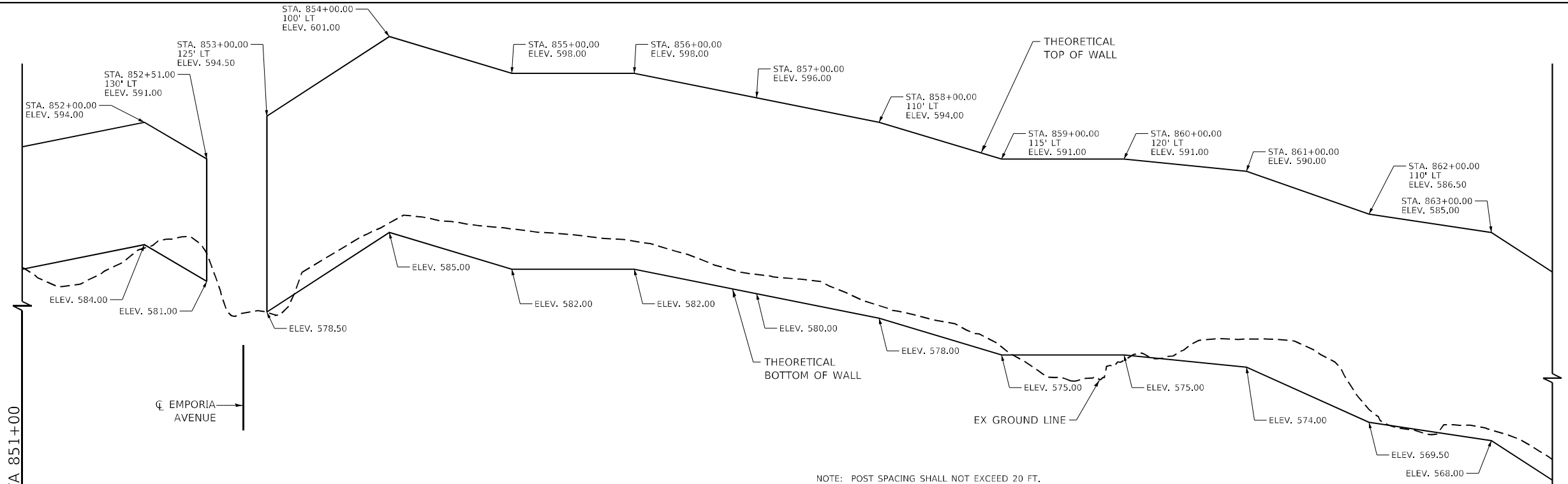
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**NOISE WALL  
PLAN & ELEVATION**

SCALE: 1"=50'-0" SHEET 2 OF 5 SHEETS STA. 844+70.00 TO STA. 851+00.00

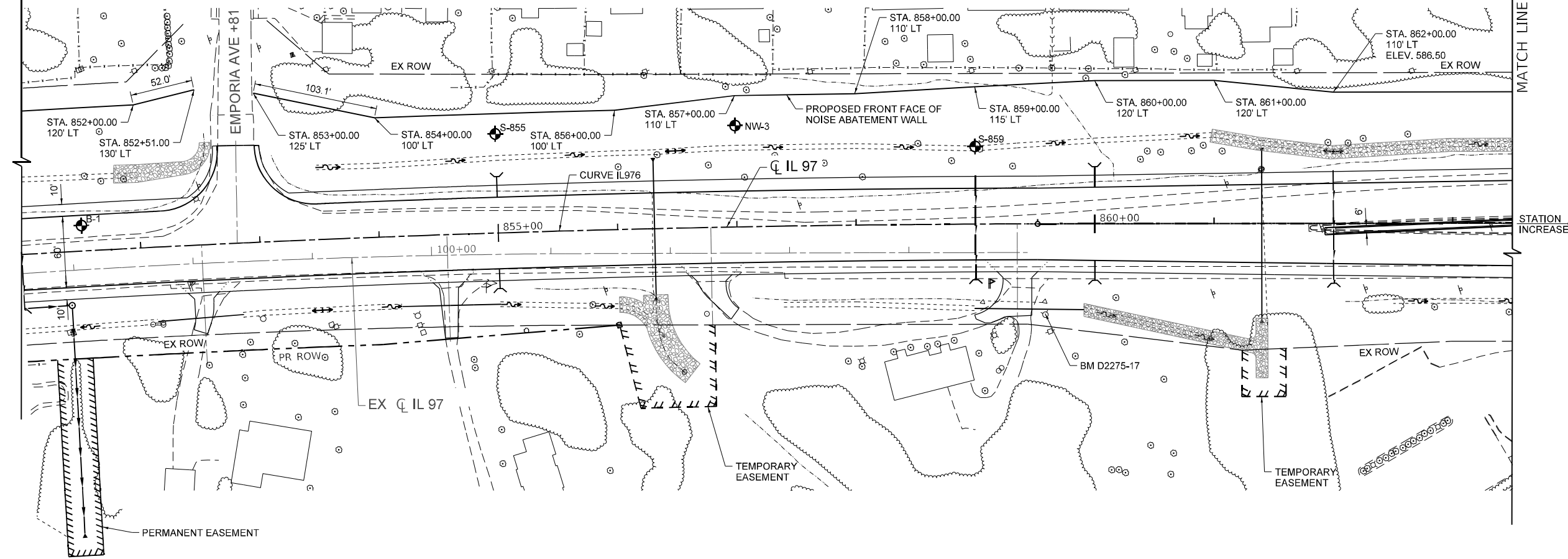
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67	(S,W)R-2,W-2,PB	SANGAMON	412	260
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

BM D2275-17  
 SET CHSLD "+" W BOLT FIRE HYD  
 STA 859+58.31, 75.18' RT  
 ELEV 568.86



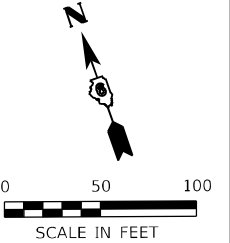
NOTE: POST SPACING SHALL NOT EXCEED 20 FT.

**ELEVATION**  
 (LOOKING NORTH)



NOTE:  
 STATIONS AND OFFSETS ARE  
 FROM CL IL 97 TO FRONT  
 FACE OF WALL.

**PLAN**



MODEL: D:\proj\...  
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	DRAWN - JCW	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

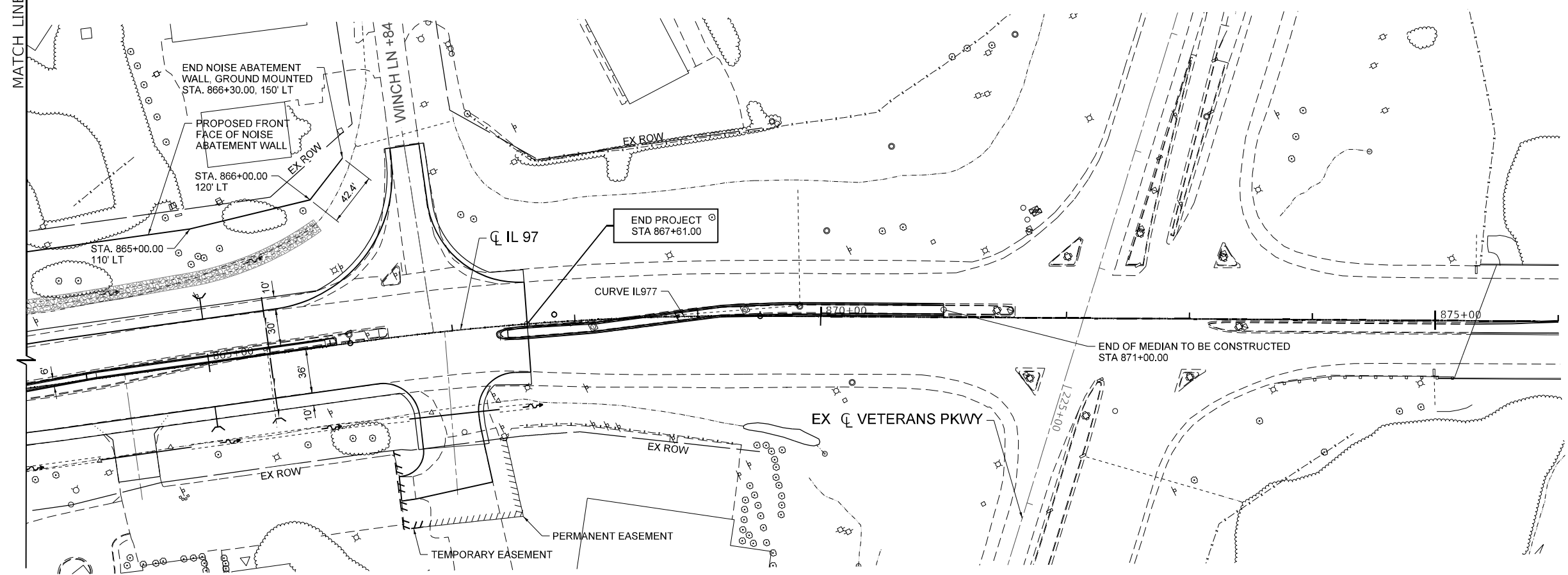
**NOISE WALL  
 PLAN & ELEVATION**

SCALE: 1"=50'-0" SHEET 3 OF 5 SHEETS STA. 851+00.00 TO STA. 863+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W.)R-2.W-2,PB	SANGAMON	412	261
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



NOTE: POST SPACING SHALL NOT EXCEED 20 FT.  
**ELEVATION**  
 (LOOKING NORTH)



**PLAN**

NOTE:  
 STATIONS AND OFFSETS ARE  
 FROM CL IL 97 TO FRONT  
 FACE OF WALL.

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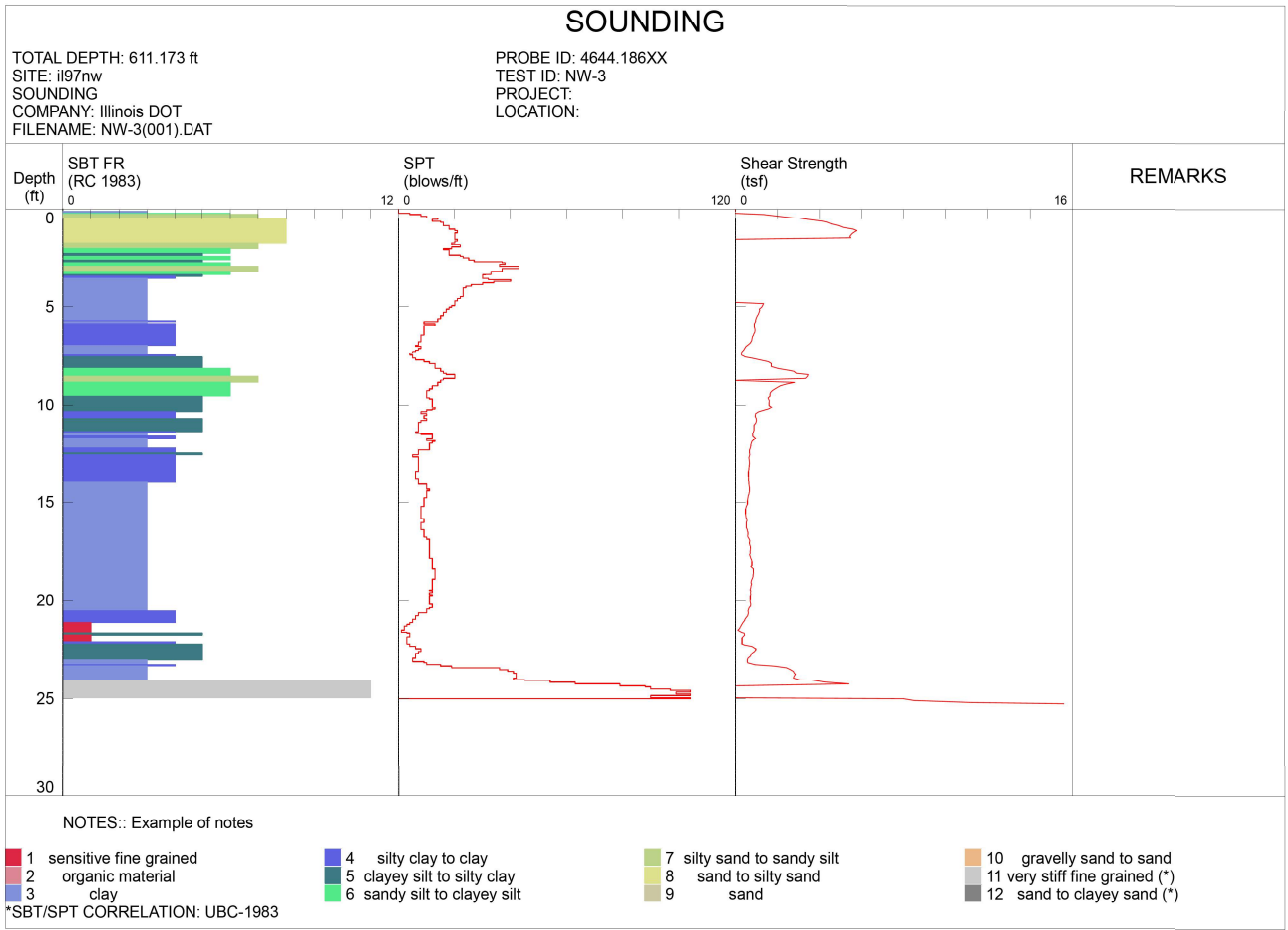
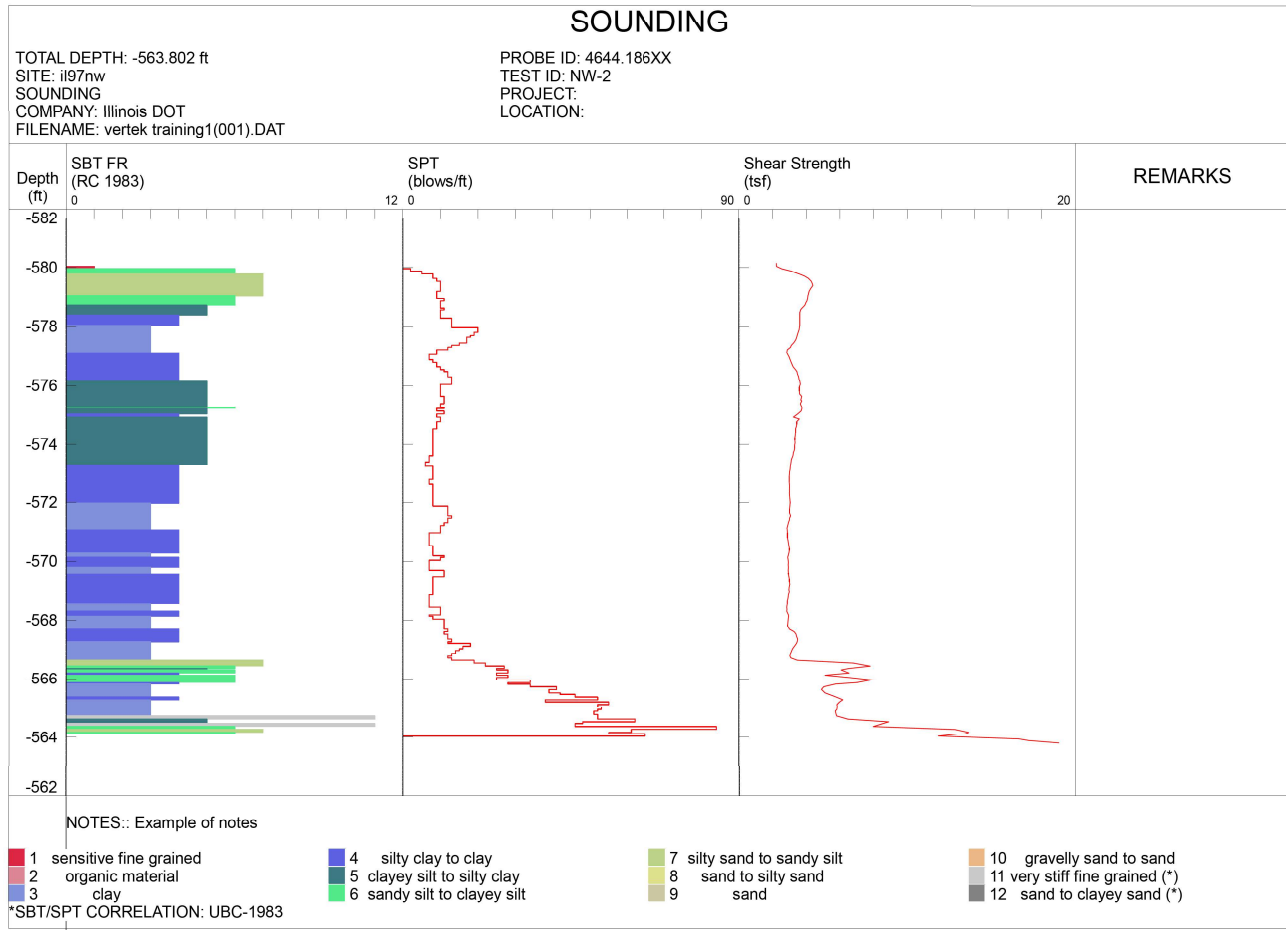


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PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>NOISE WALL    PLAN &amp; ELEVATION</b>	
SCALE: 1"=50'-0"	SHEET 4 OF 5 SHEETS
STA. 863+50.00 TO STA. 866+30.00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2.W-2.PB	SANGAMON	412	262
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



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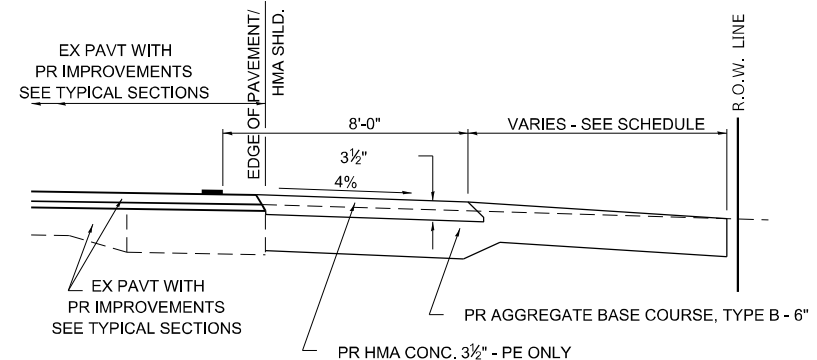
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	DATE = 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

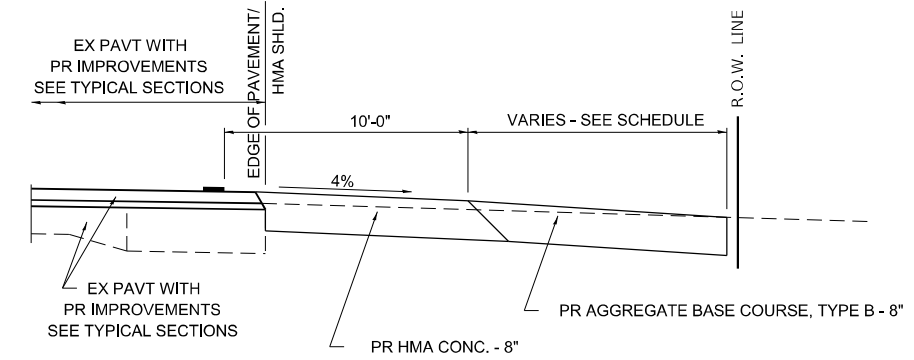
**NOISE WALL  
SOIL BORINGS**

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

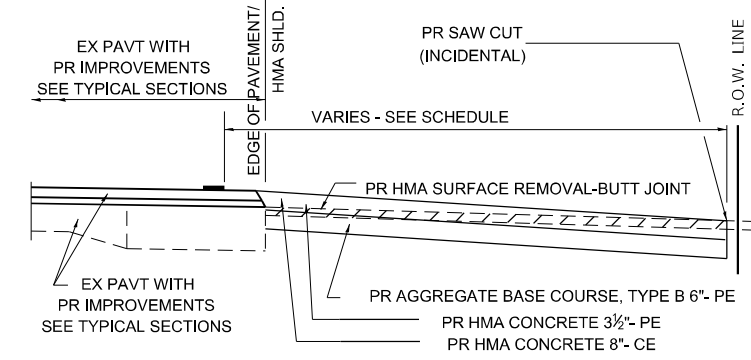
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	263
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



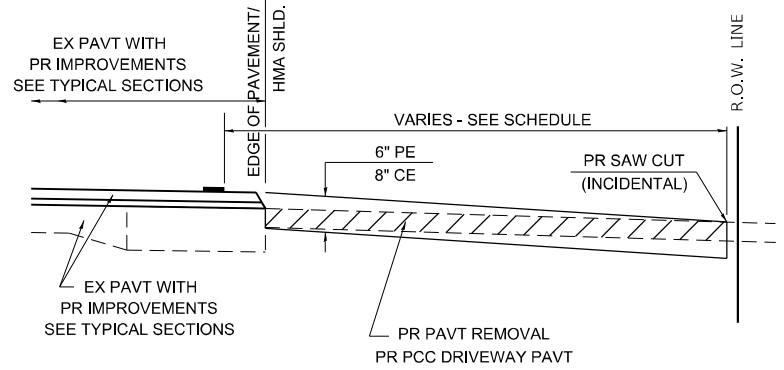
**SECTION A-A FOR EX EARTH/AGGREGATE FE & PE**



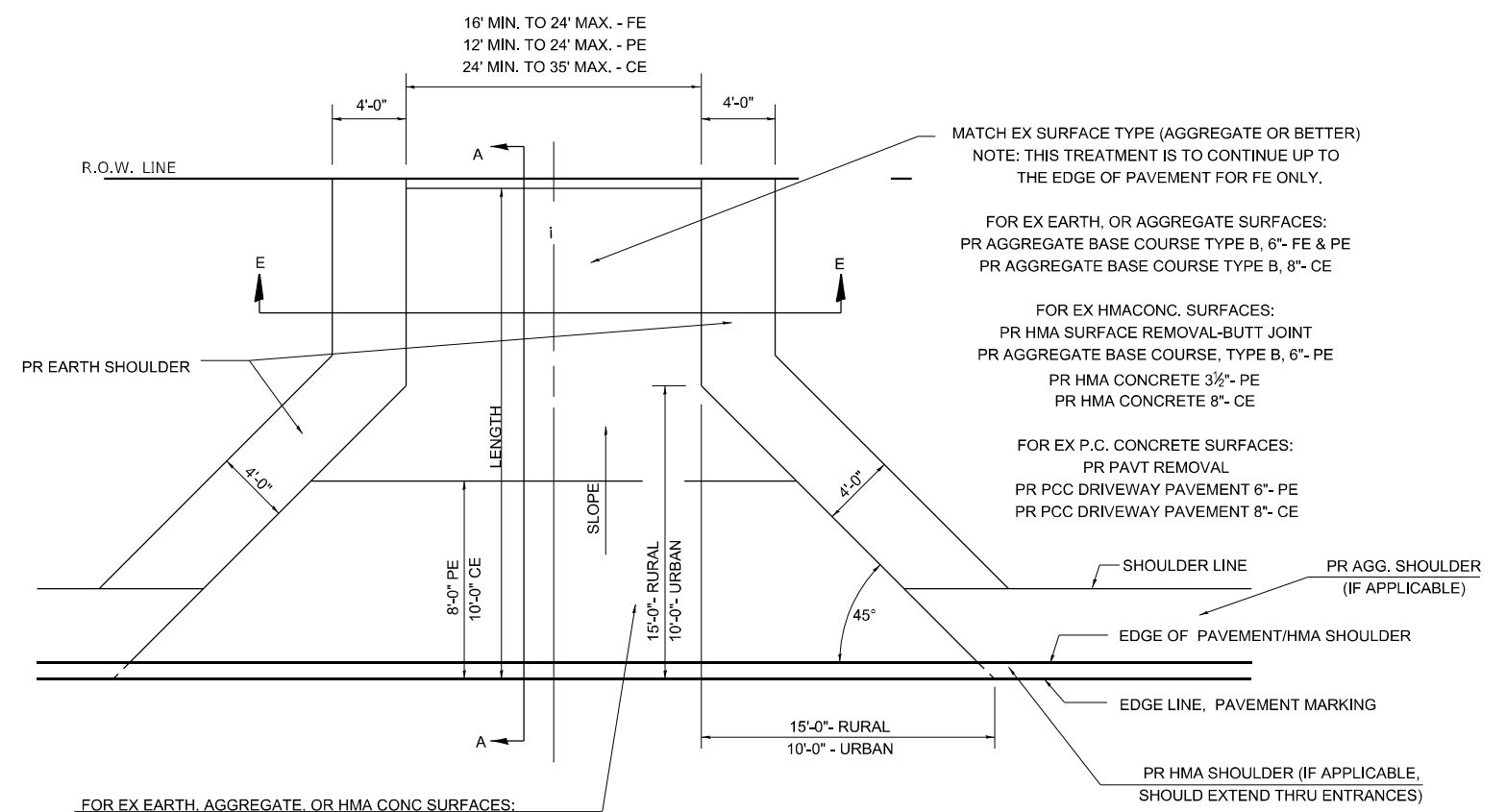
**SECTION A-A FOR EX EARTH/AGGREGATE CE**



**SECTION A-A FOR EX HMA PE & CE**



**SECTION A-A FOR EX P.C. CONC. PE & CE**



FOR EX EARTH, AGGREGATE, OR HMA CONC SURFACES:  
 PR HMA SURFACE REMOVAL-BUTT JOINT (IF APPLICABLE)  
 PR AGGREGATE BASE COURSE TYPE B 6"- FE  
 PR AGGREGATE BASE COURSE TYPE B, 6" &  
 PR HMA CONCRETE 3 1/2"- PE  
 PR HMA CONCRETE 8"- CE

FOR P.C. CONCRETE SURFACES:  
 PR PAVT REMOVAL  
 PR PCC DRIVEWAY PAVT 6"- PE  
 PR PCC DRIVEWAY PAVT 8"- CE

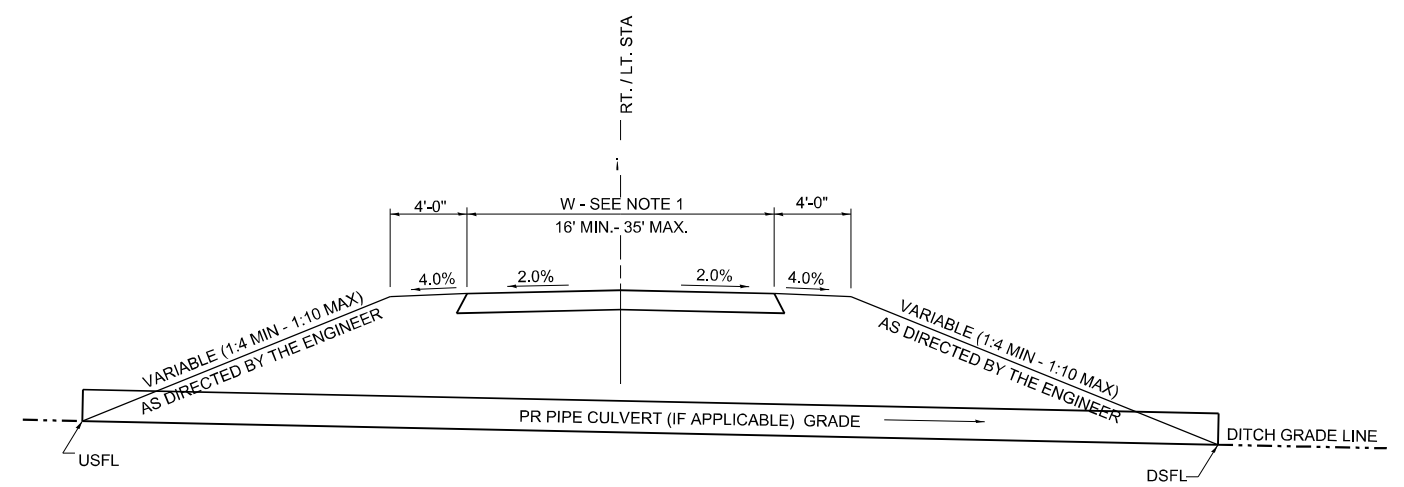
MATCH EX SURFACE TYPE (AGGREGATE OR BETTER)  
 NOTE: THIS TREATMENT IS TO CONTINUE UP TO THE EDGE OF PAVEMENT FOR FE ONLY.

FOR EX EARTH, OR AGGREGATE SURFACES:  
 PR AGGREGATE BASE COURSE TYPE B, 6"- FE & PE  
 PR AGGREGATE BASE COURSE TYPE B, 8"- CE

FOR EX HMA CONC. SURFACES:  
 PR HMA SURFACE REMOVAL-BUTT JOINT  
 PR AGGREGATE BASE COURSE, TYPE B, 6"- PE  
 PR HMA CONCRETE 3 1/2"- PE  
 PR HMA CONCRETE 8"- CE

FOR EX P.C. CONCRETE SURFACES:  
 PR PAVT REMOVAL  
 PR PCC DRIVEWAY PAVEMENT 6"- PE  
 PR PCC DRIVEWAY PAVEMENT 8"- CE

PR HMA SHOULDER (IF APPLICABLE, SHOULD EXTEND THRU ENTRANCES)



**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.

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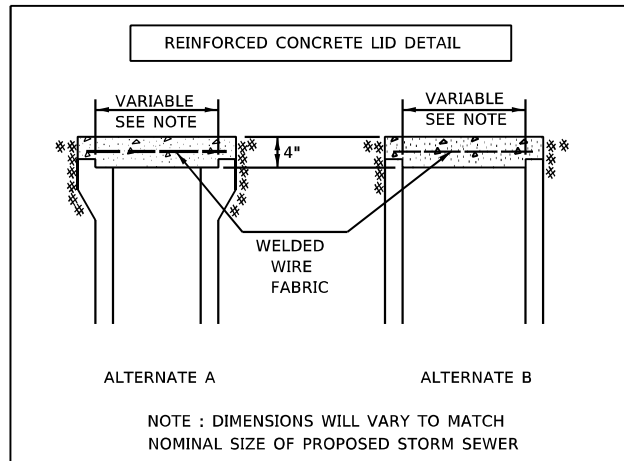
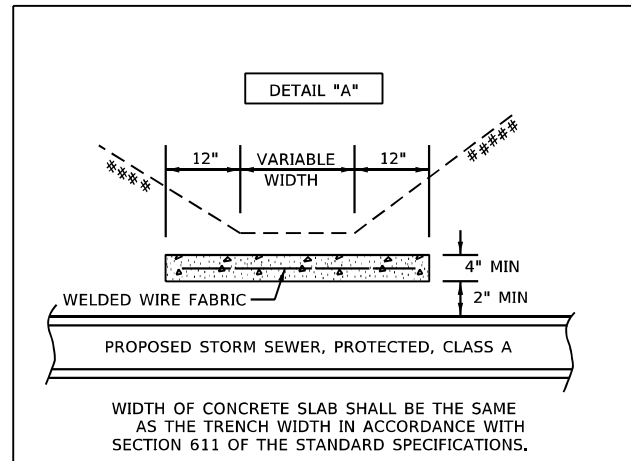
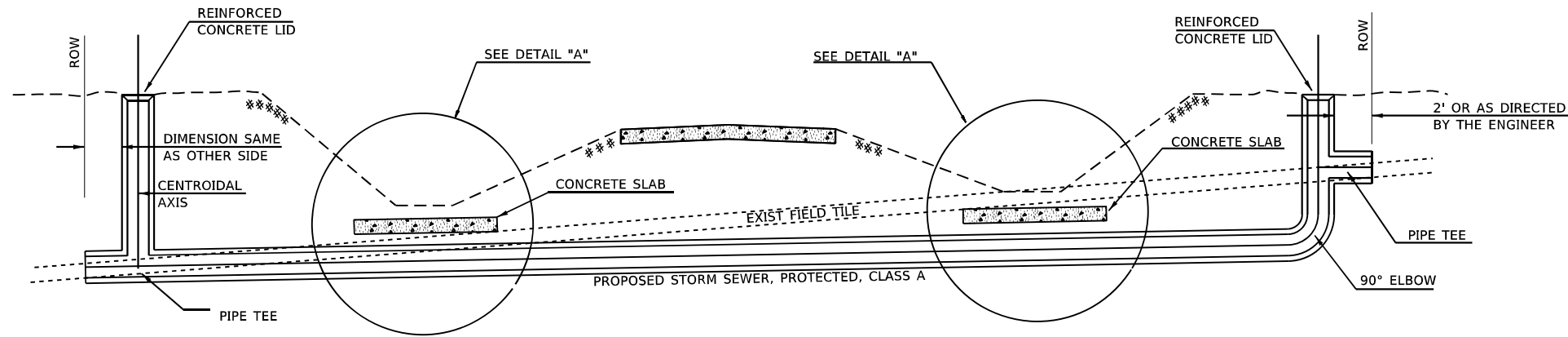
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PLOT DATE = 5/8/2026	DATE - FEBRUARY 23, 1999	REvised - 01/2013

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DISTRICT 6 STANDARD DETAILS  
 RURAL /URBAN ENTRANCE & MAILBOX TURNOUT WO CONC GUTTER  
 SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

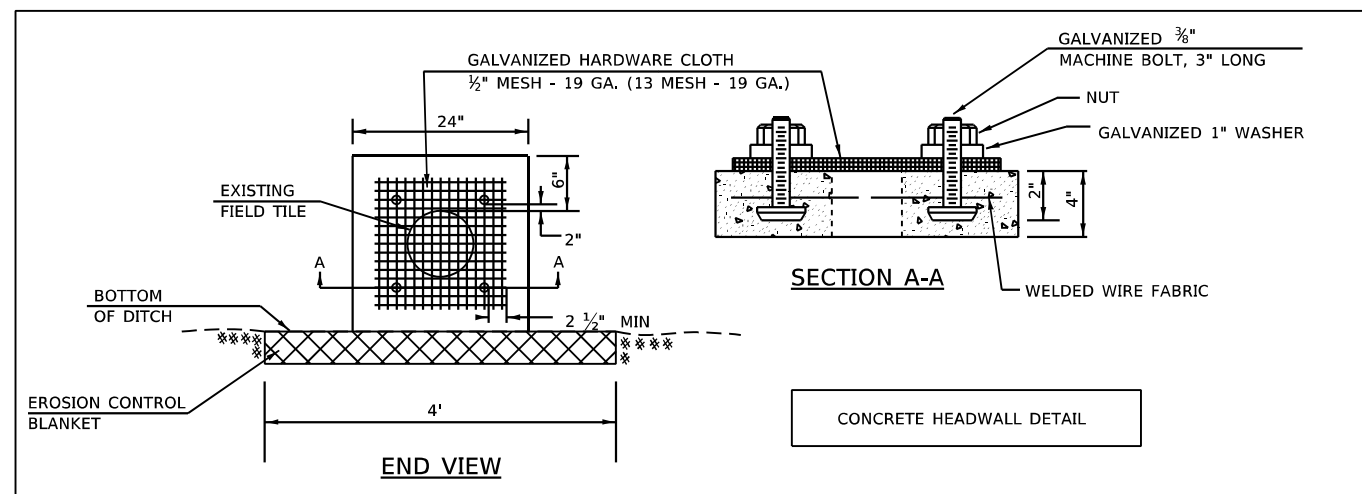
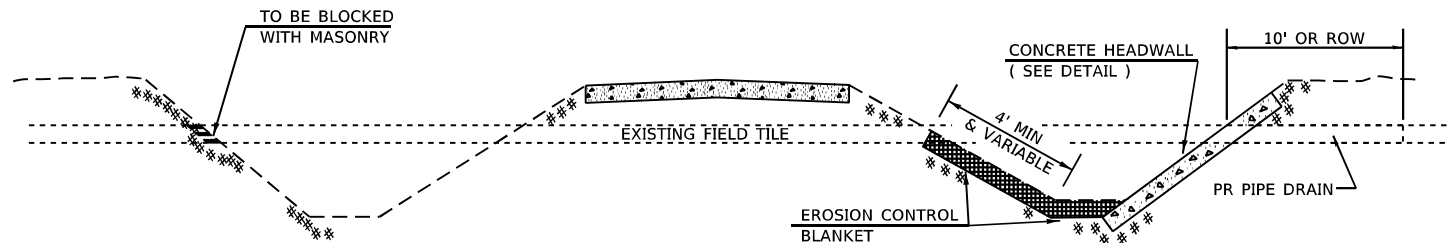
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	264
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				





**GENERAL NOTES**

1. FIELD TILE SHALL BE REPLACED IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS. THE COST PER CONTRACT UNIT PRICE OF ITEMS INCLUDED IN THIS CONTRACT SHALL BE PAID FOR AS STATED IN SECTION 611 OF THE STANDARD SPECIFICATIONS. IF THE CONTRACT UNIT PRICE IS NOT INCLUDED IN THIS CONTRACT, PAYMENT FOR THIS WORK WILL BE IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
2. THE DIAMETER OF THE PROPOSED STORM SEWER SHALL BE EQUAL TO OR GREATER THAN THE EXISTING FIELD TILE.
3. ALL EXISTING FIELD TILE SHALL BE REPLACED WITH STORM SEWER OF THE TYPE REQUIRED FOR BY THE DEPTH OF COVER. THE LINEAL METER MEASUREMENT WILL BE ALONG THE CENTROIDAL AXIS AND INCLUDE ALL BENDS, ELBOWS, OR PIPE TEE'S WHICH ARE REQUIRED.
4. THE REINFORCED CONCRETE LID SHALL BE CLASS SI CONCRETE (MISCELLANEOUS) OR PRECAST REINFORCED CONCRETE.
5. ALL HARDWARE, WELDED WIRE FABRIC, RODENT SCREENS AND OTHER REINFORCEMENT AND ANCHORS AS SHOWN OR AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST FOR MISCELLANEOUS CONCRETE.



MODEL: Default  
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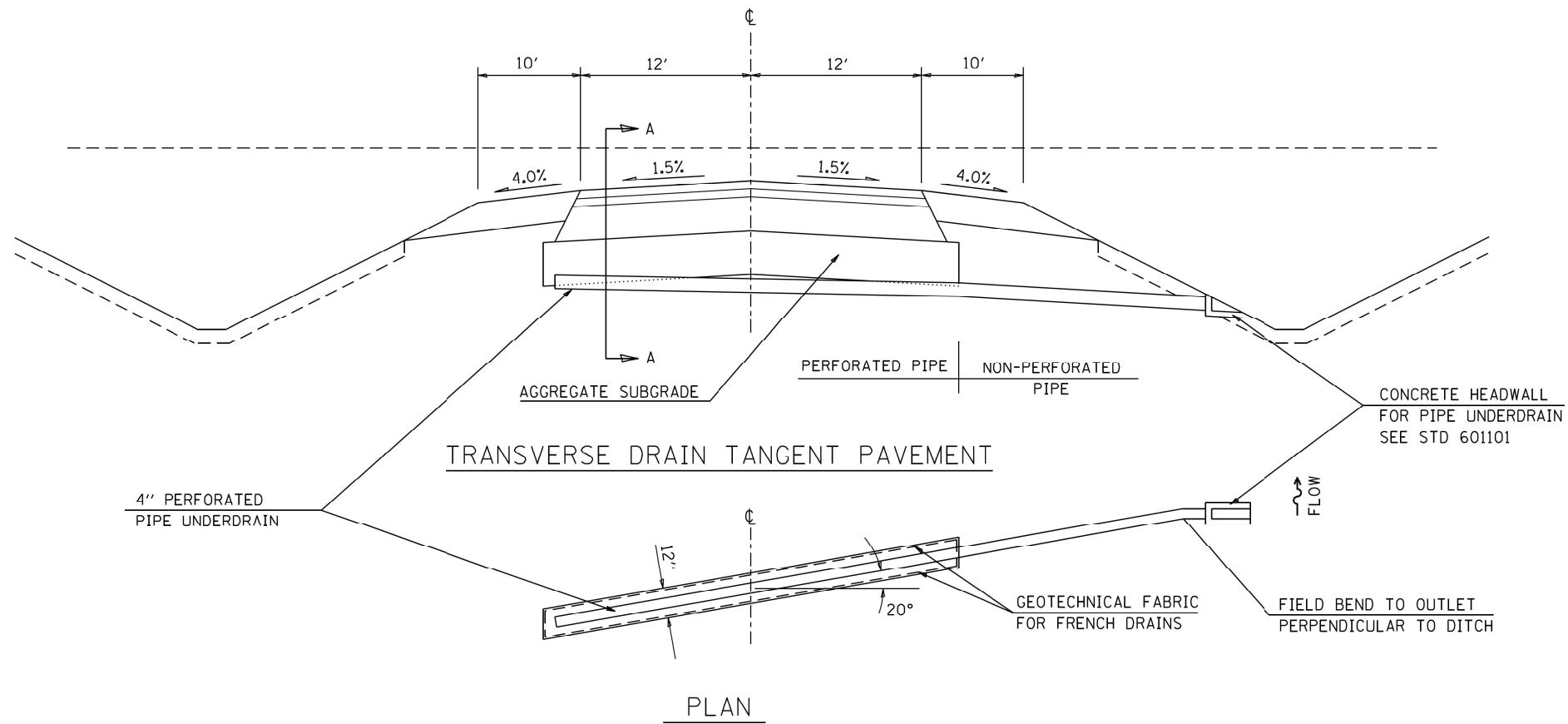
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DRAWN - CADD	REVISIONS -	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

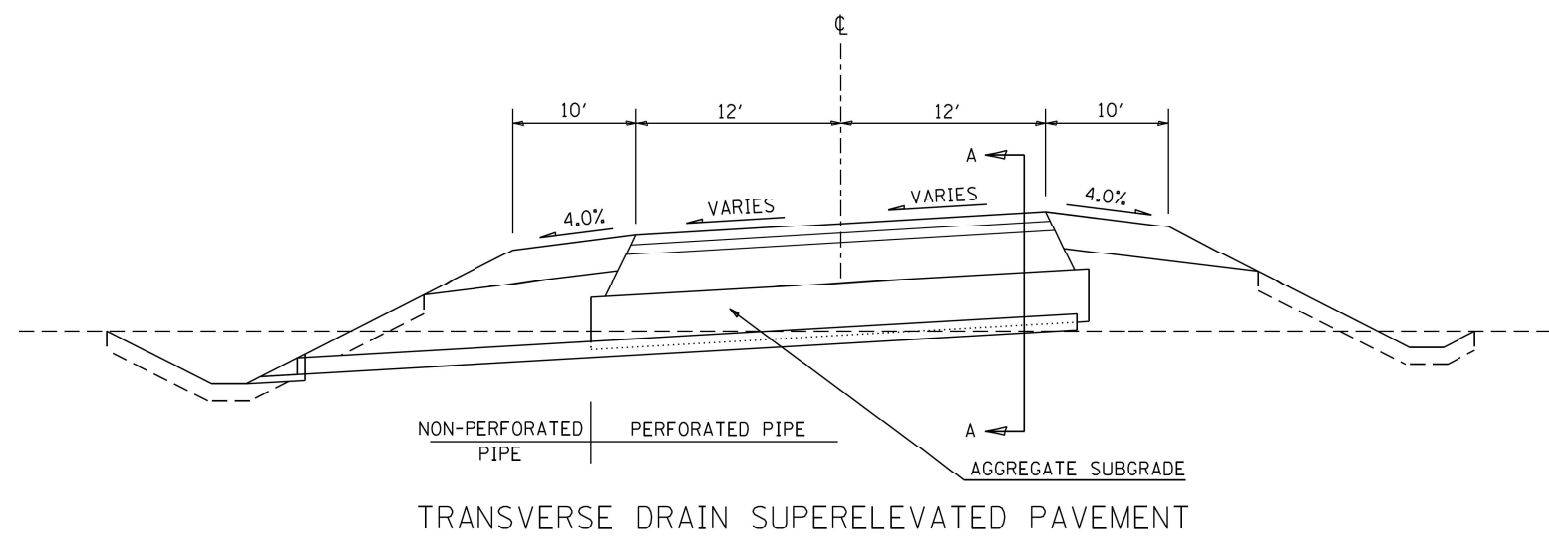
**DISTRICT 6 STANDARD DETAILS  
FIELD TILE REPLACEMENT**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

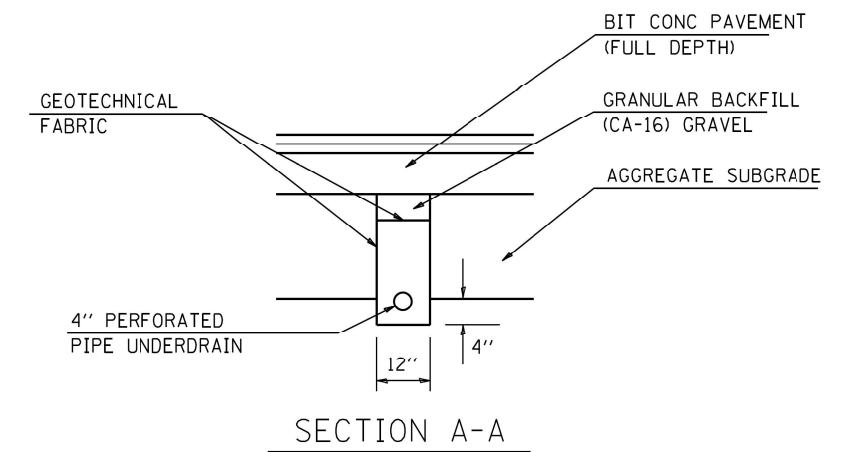
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2-W-2,PB	SANGAMON	412	266
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



PLAN



TRANSVERSE DRAIN SUPERELEVATED PAVEMENT



SECTION A-A

**GENERAL NOTES**

TRANSVERSE DRAIN MATERIALS AND CONSTRUCTION SHALL CONFORM TO SECTION 601 OF THE STANDARD SPECIFICATIONS EXCEPT THAT NO FABRIC ENVELOPE IS REQUIRED ON PERFORATED PIPE. THE GRANULAR BACKFILL SHALL BE GRAVEL AND THE GRADATION SHALL BE CA-16.

GEOTECHNICAL FABRIC SHALL BE NON-WOVEN NEEDLE PUNCHED MATERIAL.

ALL MATERIALS WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED IN THE COST PER UNIT FOR TRANSVERSE DRAINS COMPLETE.

SKEW TRANSVERSE DRAIN 20° FORWARD IN DIRECTION OF FLOW.

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 USER: RGoertz  
 DATE: 5/8/2026

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DRAWN - CADD	REVISOR -	REVISION -
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PLOT DATE = 5/8/2026	DATE - MARCH 2023	REVISION -

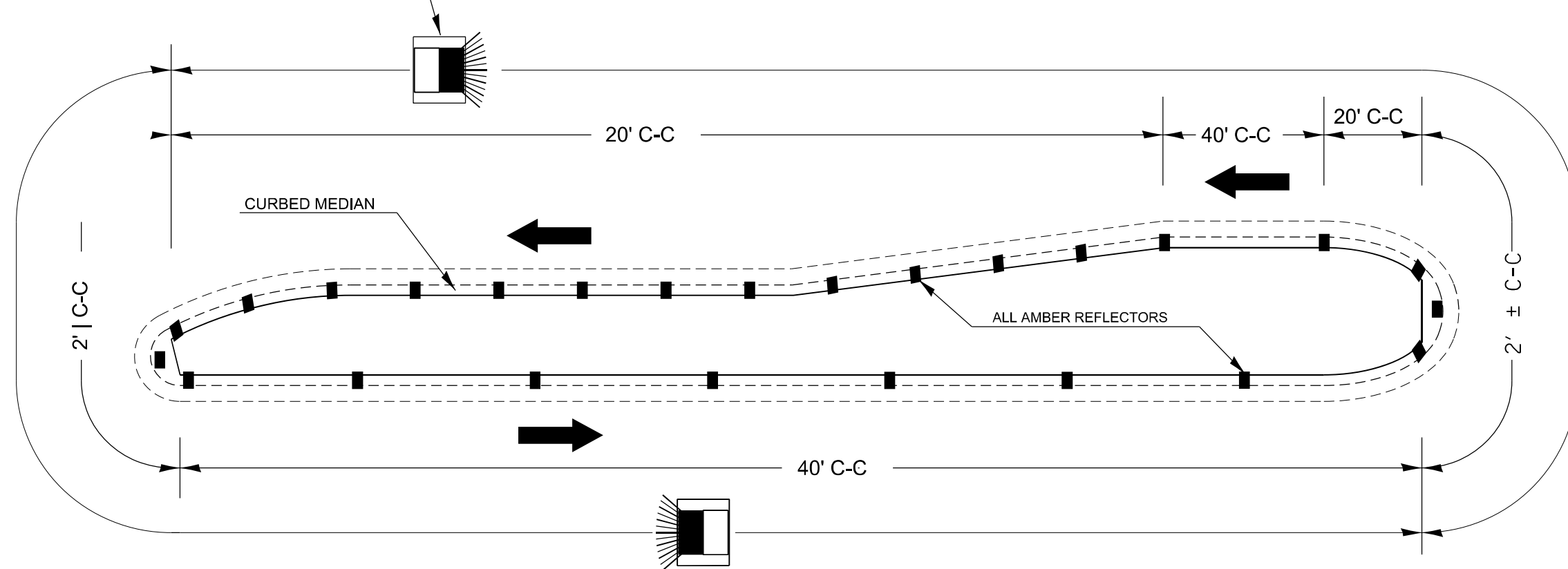
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT 6 STANDARD DETAILS</b> <b>TRANSVERSE DRAINS COMPLETE DETAIL</b>	
SCALE: NONE	SHEET 1 OF 1 SHEETS
STA. _____	TO STA. _____

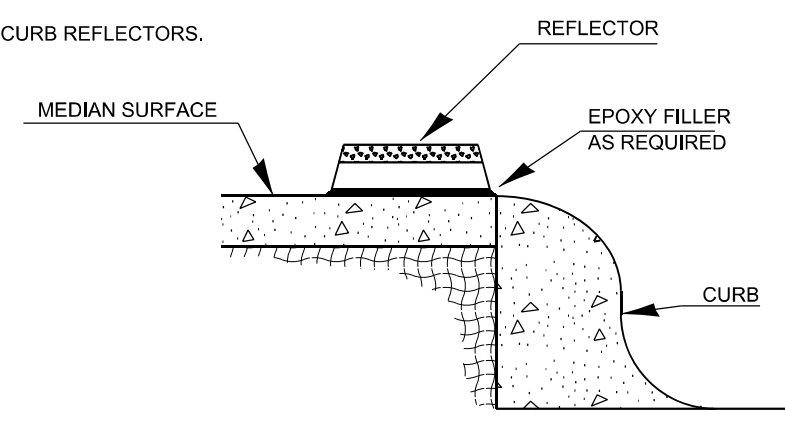
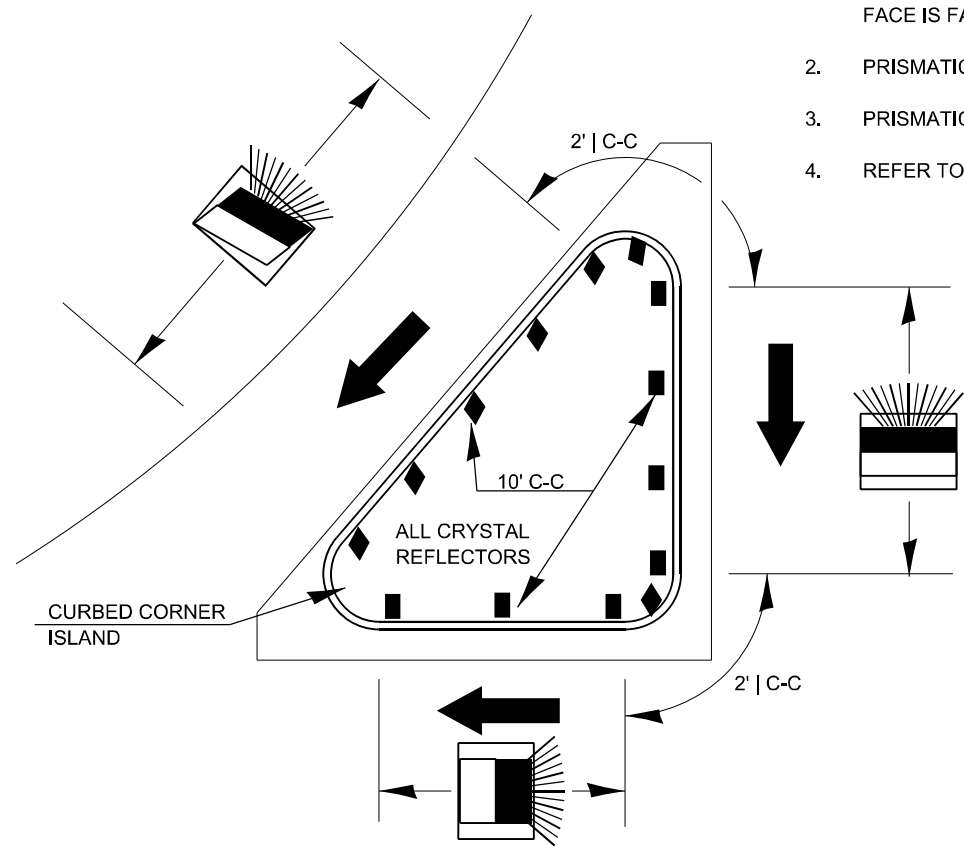
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	267
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

# TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS

MARKER ORIENTATION WITHIN LIMITS SHOWN

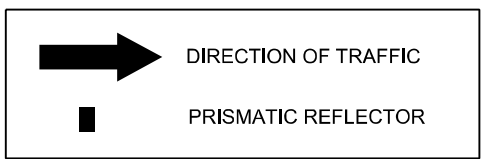


1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.
4. REFER TO SCHEDULES FOR PRISMATIC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



SECTION VIEW

LEGEND



NOT TO SCALE

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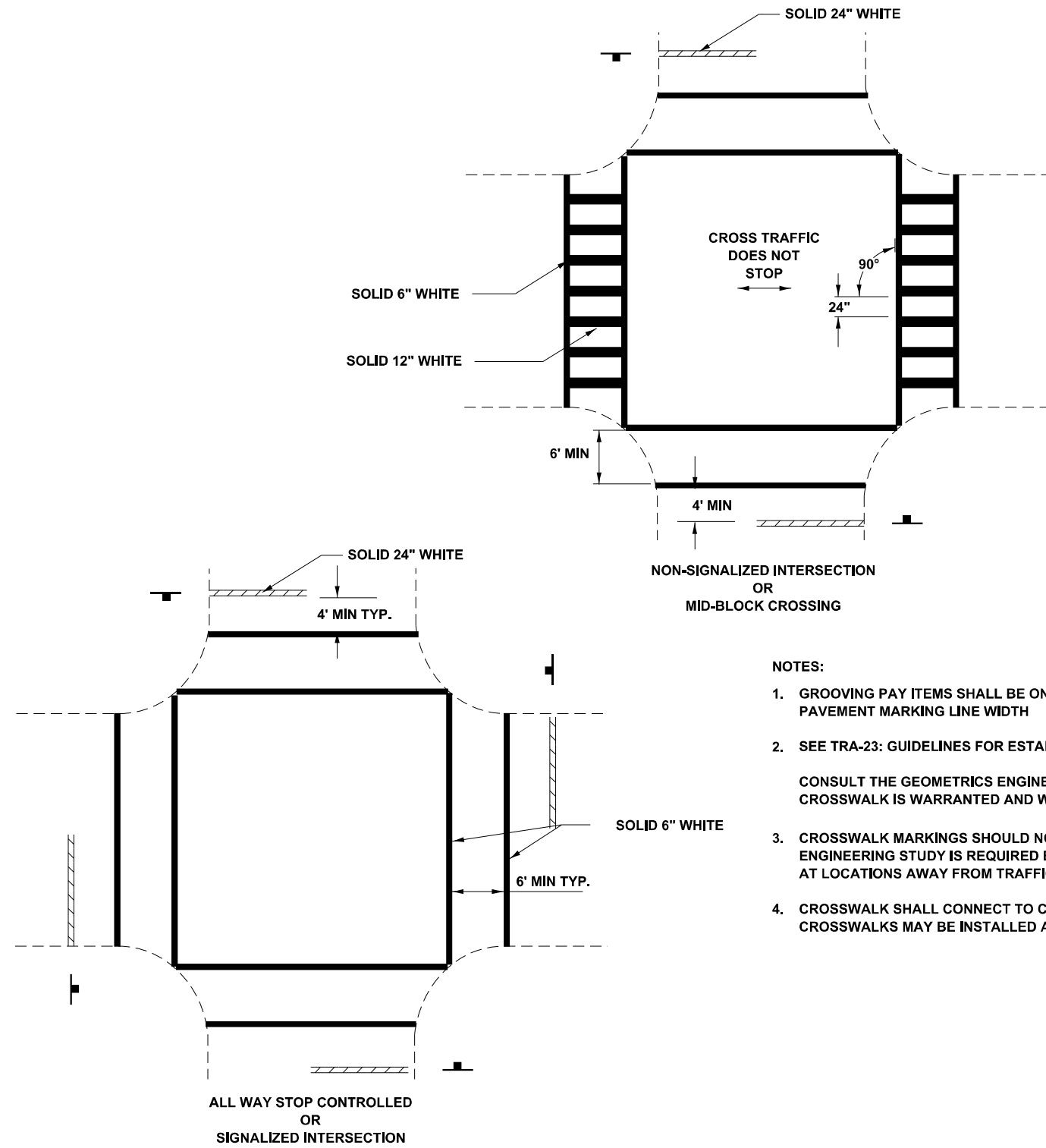
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT 6 STANDARD DETAILS  
PRISMATIC REFLECTOR DETAILS (PLACED ON CURB)

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	268
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

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- NOTES:**
1. GROOVING PAY ITEMS SHALL BE ONE (1) INCH WIDER THAN PAVEMENT MARKING LINE WIDTH
  2. SEE TRA-23: GUIDELINES FOR ESTABLISHING PEDESTRIAN CROSSINGS  
CONSULT THE GEOMETRICS ENGINEER FOR QUESTIONS ON WHETHER A CROSSWALK IS WARRANTED AND WHICH TYPE SHOULD BE USED
  3. 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.
  4. CROSSWALK SHALL CONNECT TO CURB CUTS OR SIDEWALKS. CROSSWALKS MAY BE INSTALLED AT A SKEW TO PERMIT THIS CONNECTION.

**CROSSWALKS**

NOT TO SCALE

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PLOT DATE = 5/8/2026	DATE - 2016-05	REVISED -

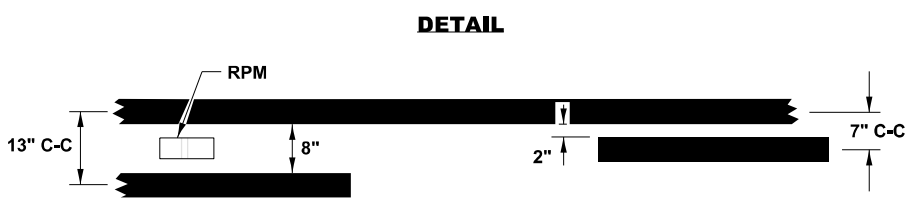
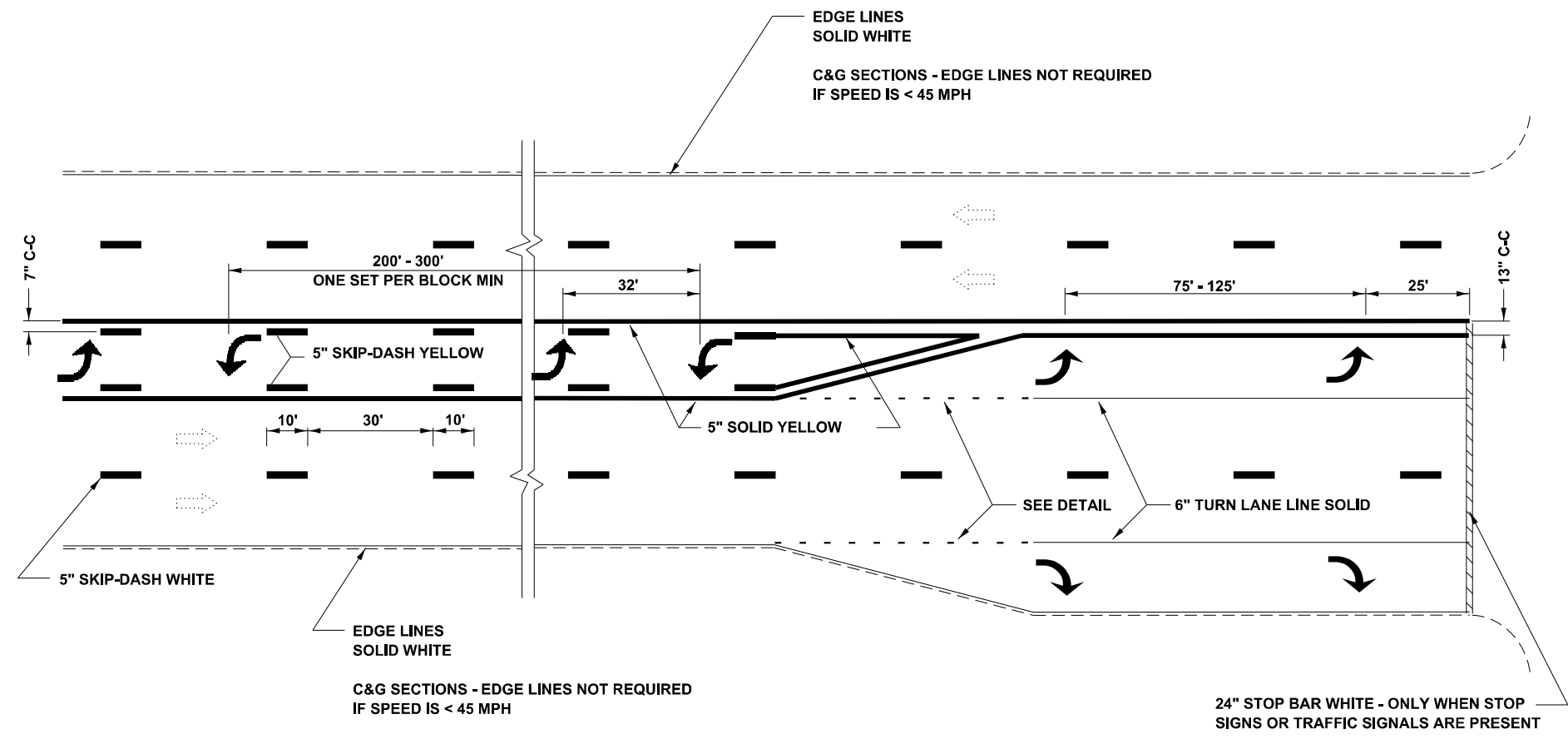
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6 STANDARD DETAILS  
PAVEMENT MARKING STANDARDS**

SCALE: NONE SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	269
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

6" 2' 6" 2' 6" 2' 6" 2'  
**DETAIL**



ALL TURN ARROWS SHALL BE 8"  
 CENTER TURN ARROWS IN PAIRS  
 USE LARGE SIZE - 15.6 SQ FT

**SINGLE TURN LANE  
 AND  
 LEFT TURN LANE CHANNELIZATION**

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	DATE - 2016-05	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

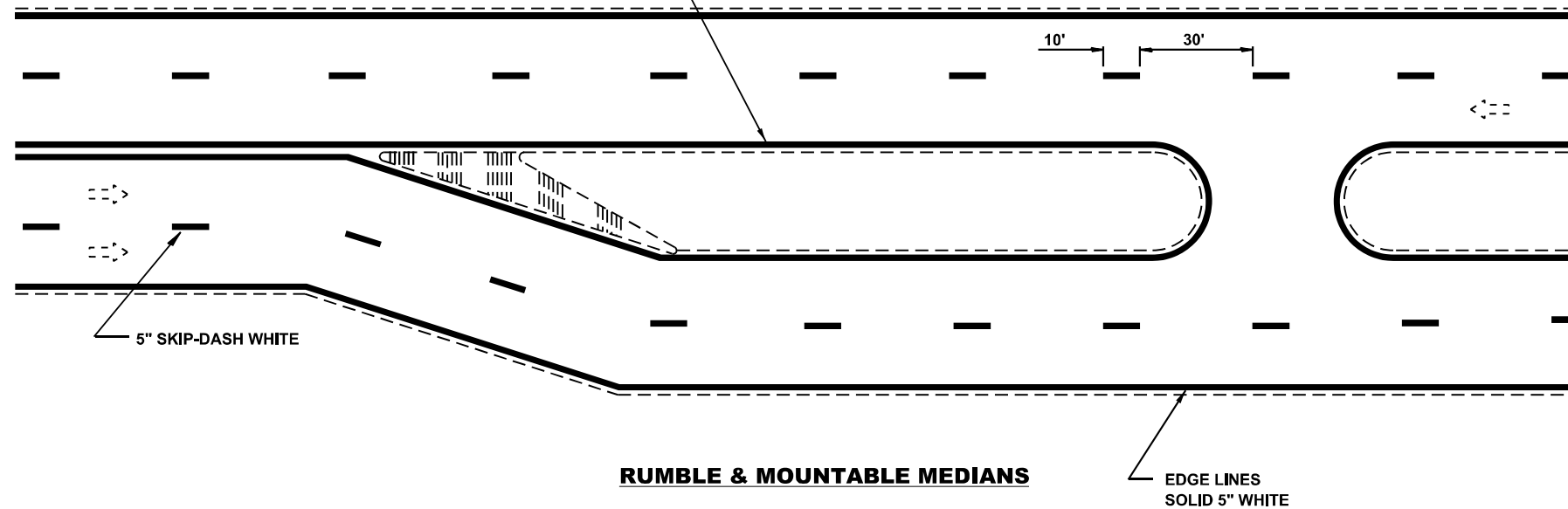
<b>DISTRICT 6 STANDARD DETAILS    PAVEMENT MARKING STANDARDS</b>	
SCALE: NONE	SHEET 2 OF 11 SHEETS STA. TO STA.

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CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

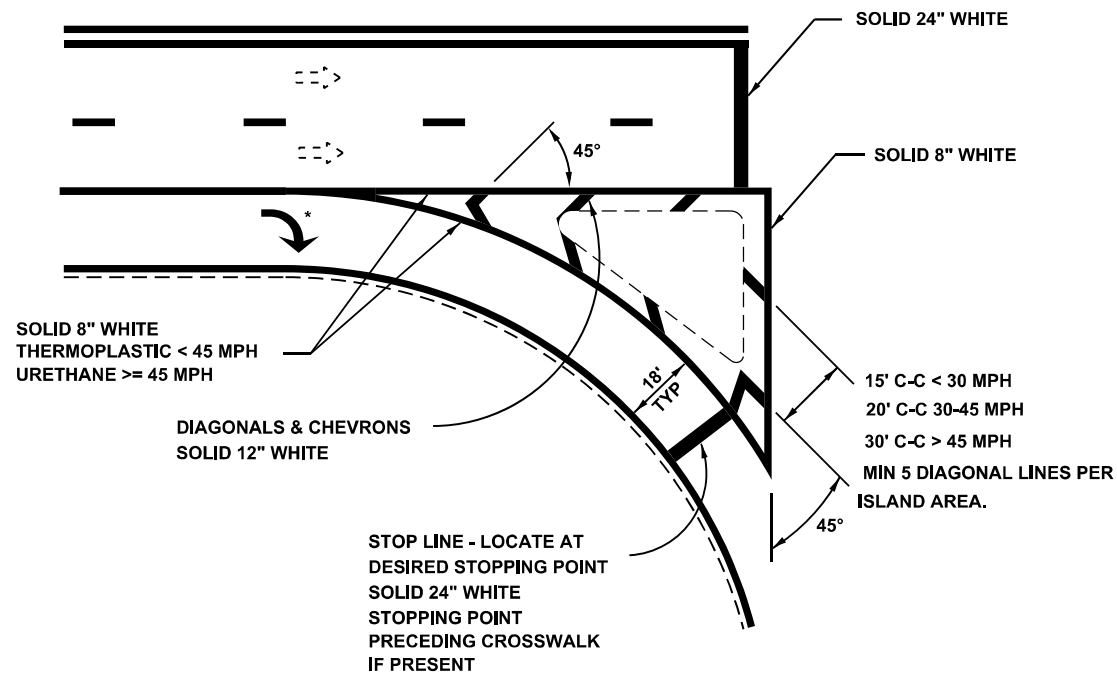
MARKING TYPES ARE FOR HMA  
(FOR PCC, SEE GUIDELINES)

OUTLINE RUMBLE & MOUNTABLE  
MEDIANS - SOLID 5" YELLOW



**RUMBLE & MOUNTABLE MEDIANS**

EDGE LINES  
SOLID 5" WHITE



\* NOTE: WHEN ISLAND IS PRESENT  
LOCATE LAST ARROW AT GORE POINT

**RIGHT TURN ISLAND MARKING  
AND  
CHANNELIZATION**

NOT TO SCALE

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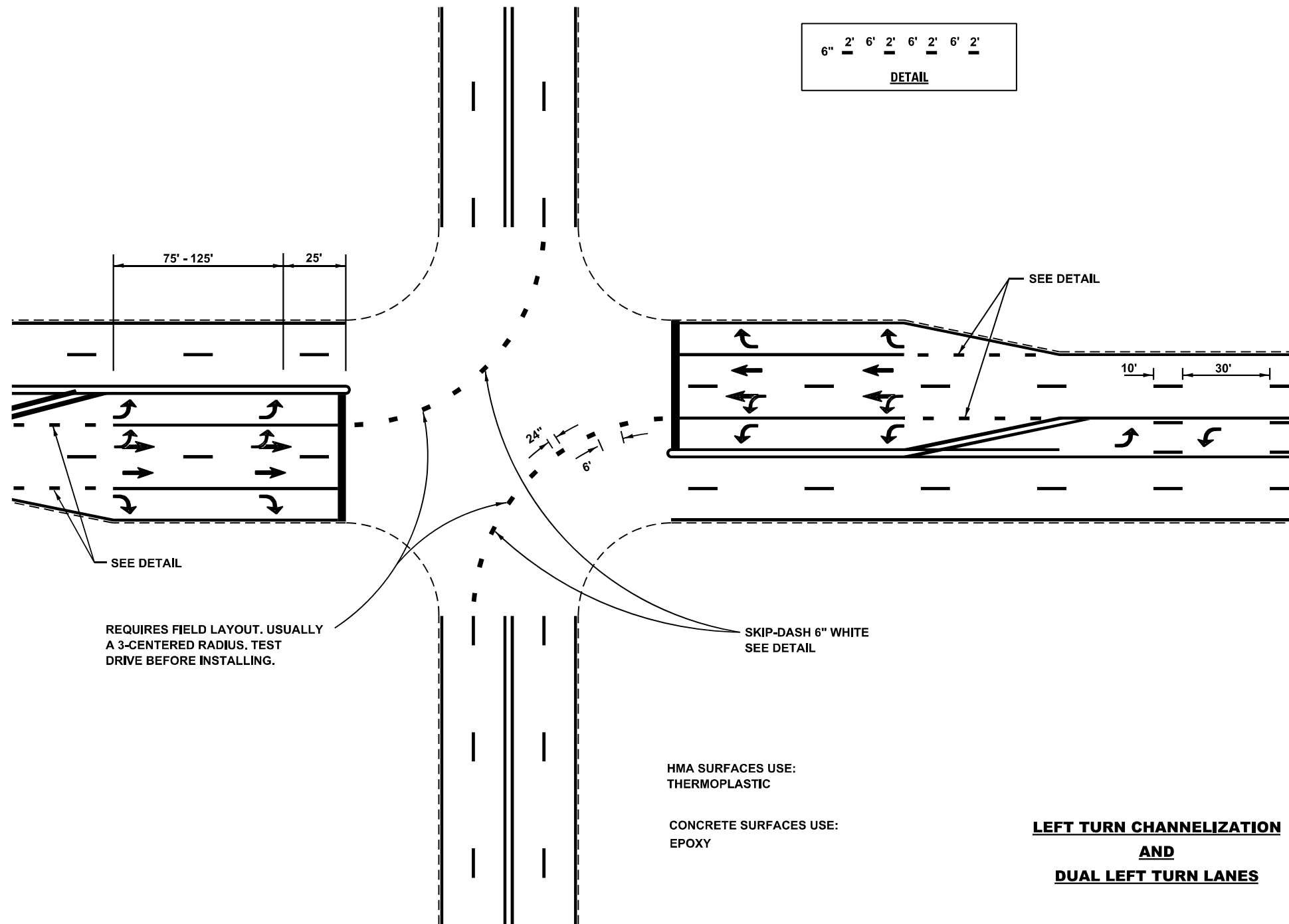
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	DATE - 2016-05	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT 6 STANDARD DETAILS  
PAVEMENT MARKING STANDARDS

SCALE: NONE SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	271
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 5/8/2026	DATE - 2016-05	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

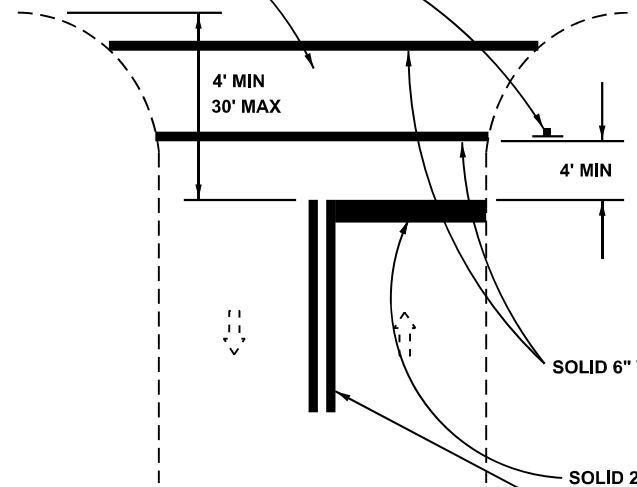
**DISTRICT 6 STANDARD DETAILS  
PAVEMENT MARKING STANDARDS**

SCALE: NONE    SHEET 4 OF 11 SHEETS    STA.    TO STA.

<b>NOT TO SCALE</b>				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	272
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

MODEL: D:\p\h  
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IF CROSSWALK IS NOT PRESENT,  
 LOCATE STOP LINE AT DESIRED  
 STOPPING POINT.  
 BEHIND STOP SIGN



SOLID 6" WHITE

SOLID 24" WHITE

SPEED < 45 MPH 100' NO PASSING ZONE APPROCHING STOP BAR  
 SPEED > 45 MPH 500' NO PASSING ZONE APPROCHING STOP BAR

**RURAL**

**STOP LINES**

NOT TO SCALE

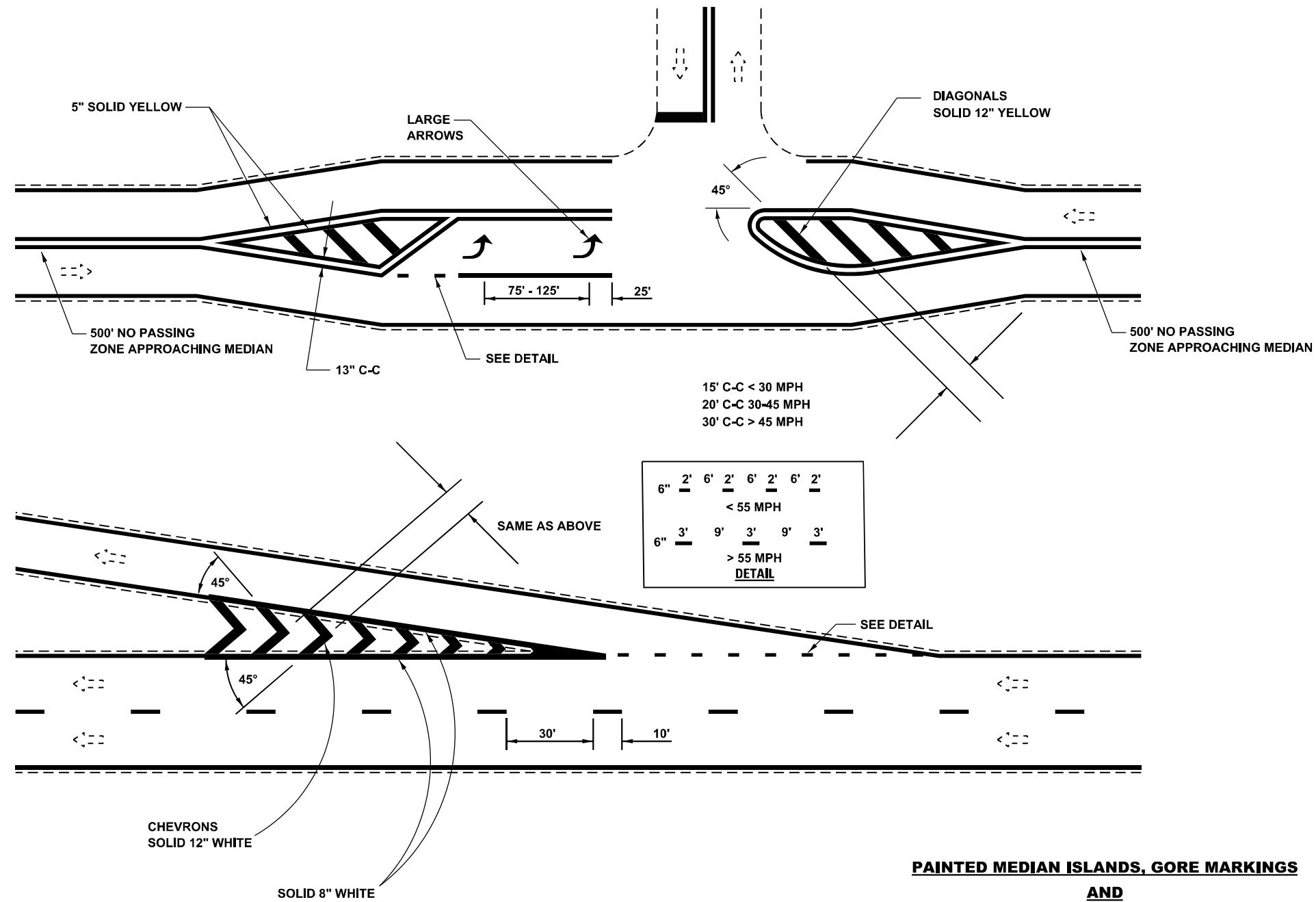
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PLOT DATE = 5/8/2026	DATE - 2016-05	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6 STANDARD DETAILS  
 PAVEMENT MARKING STANDARDS**

SCALE: NONE SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	273
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



**PAINTED MEDIAN ISLANDS, GORE MARKINGS  
AND  
NON-FREEWAY & NON-EXPRESSWAY**

NOT TO SCALE

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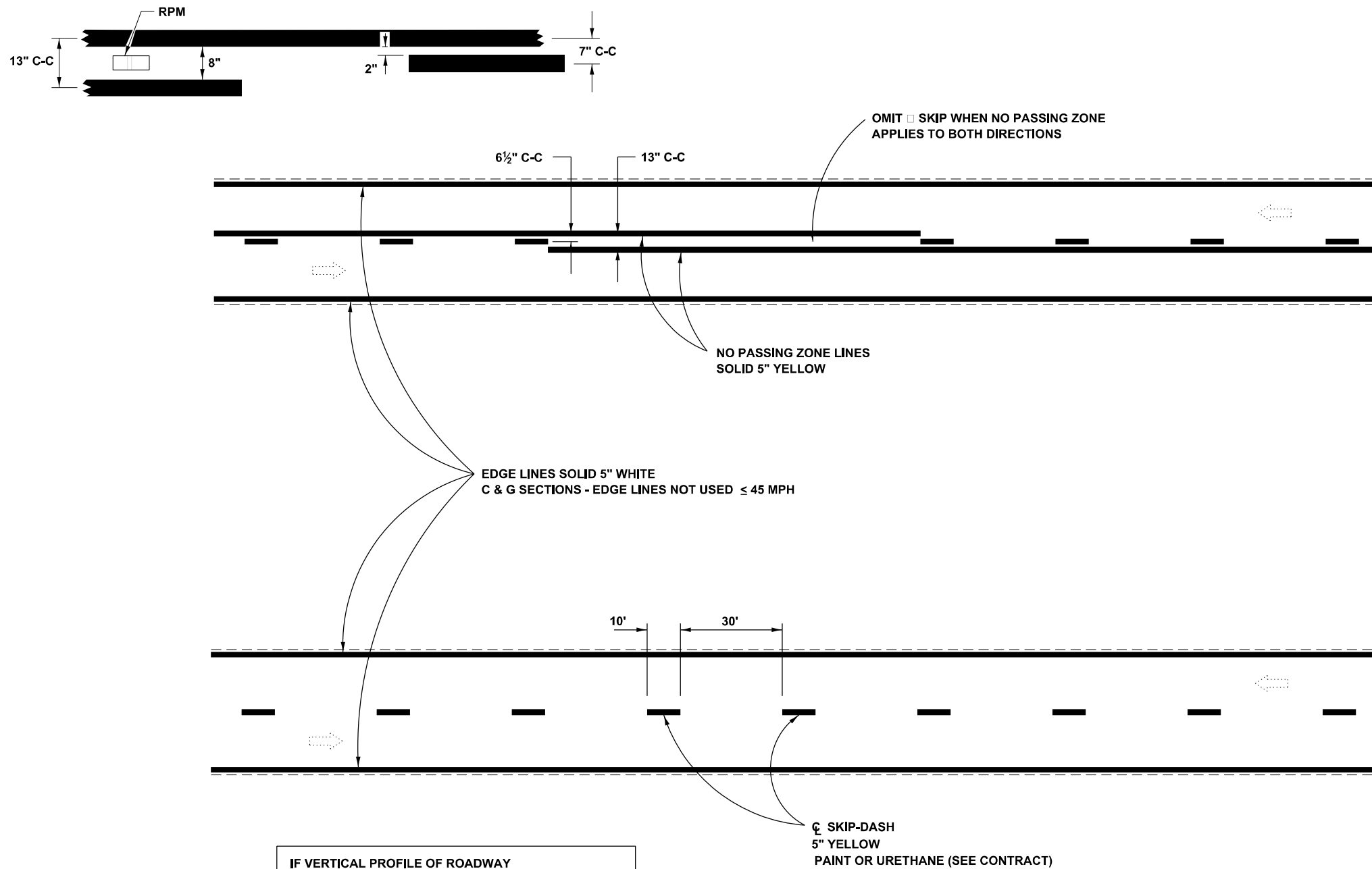
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PLOT DATE = 5/8/2026	CHECKED -	REVISED -
	DATE - 2016-05	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT 6 STANDARD DETAILS PAVEMENT MARKING STANDARDS</b>	
SCALE: NONE	SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	274
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				





**2 LANE PAVEMENT**

NOT TO SCALE

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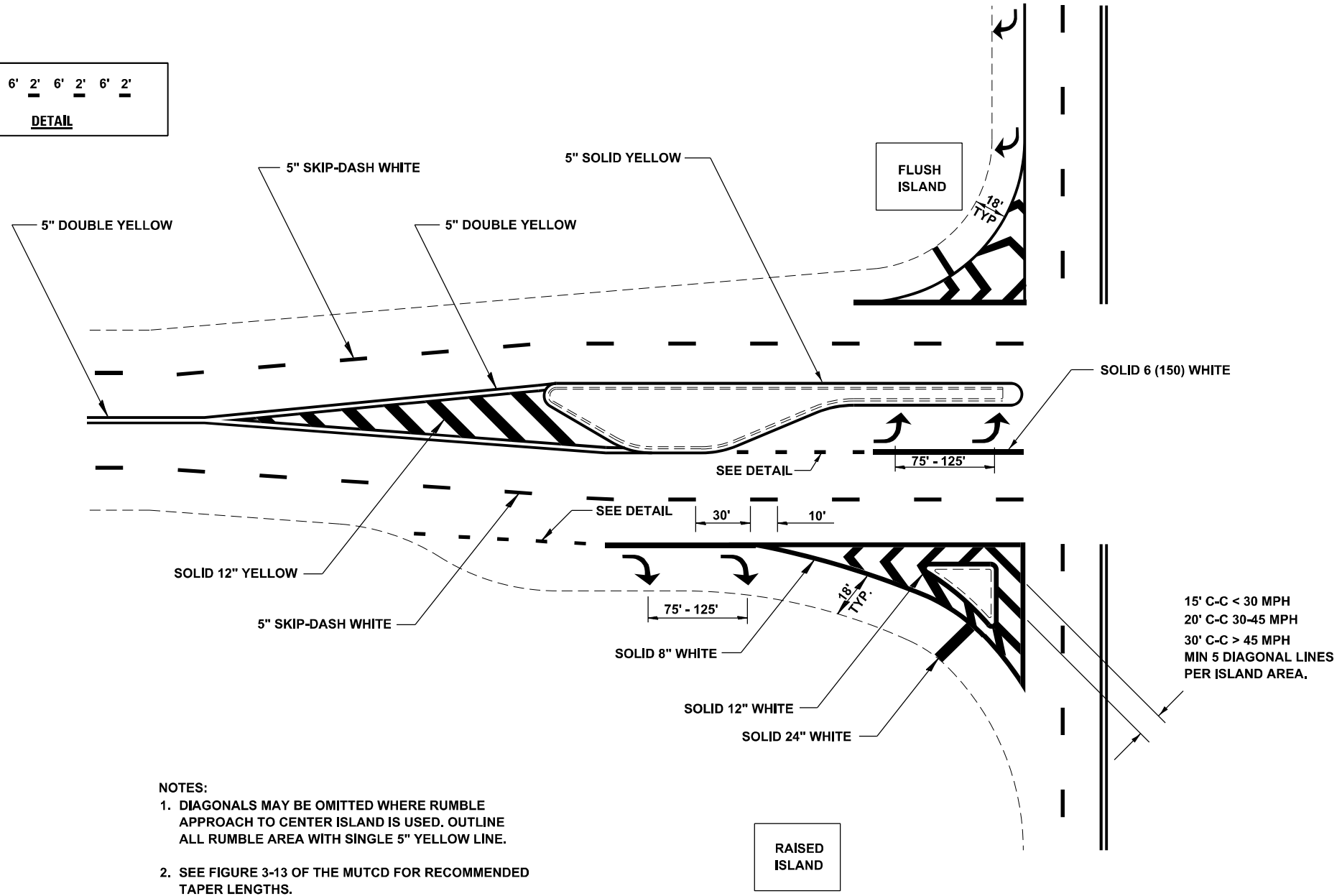
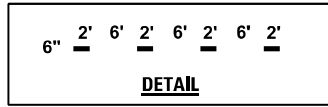
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PLOT DATE = 5/8/2026	DATE - 2016-05	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6 STANDARD DETAILS  
PAVEMENT MARKING STANDARDS**

SCALE: NONE	SHEET 8 OF 11 SHEETS	STA. _____ TO STA. _____
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	276
CONTRACT NO. 92621			ILLINOIS FED. AID PROJECT	



- NOTES:**
1. DIAGONALS MAY BE OMITTED WHERE RUMBLE APPROACH TO CENTER ISLAND IS USED. OUTLINE ALL RUMBLE AREA WITH SINGLE 5" 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**

MODEL: Default  
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	DRAWN -	REVISED -
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PLOT DATE = 5/8/2026	DATE - 2016-05	REVISED -

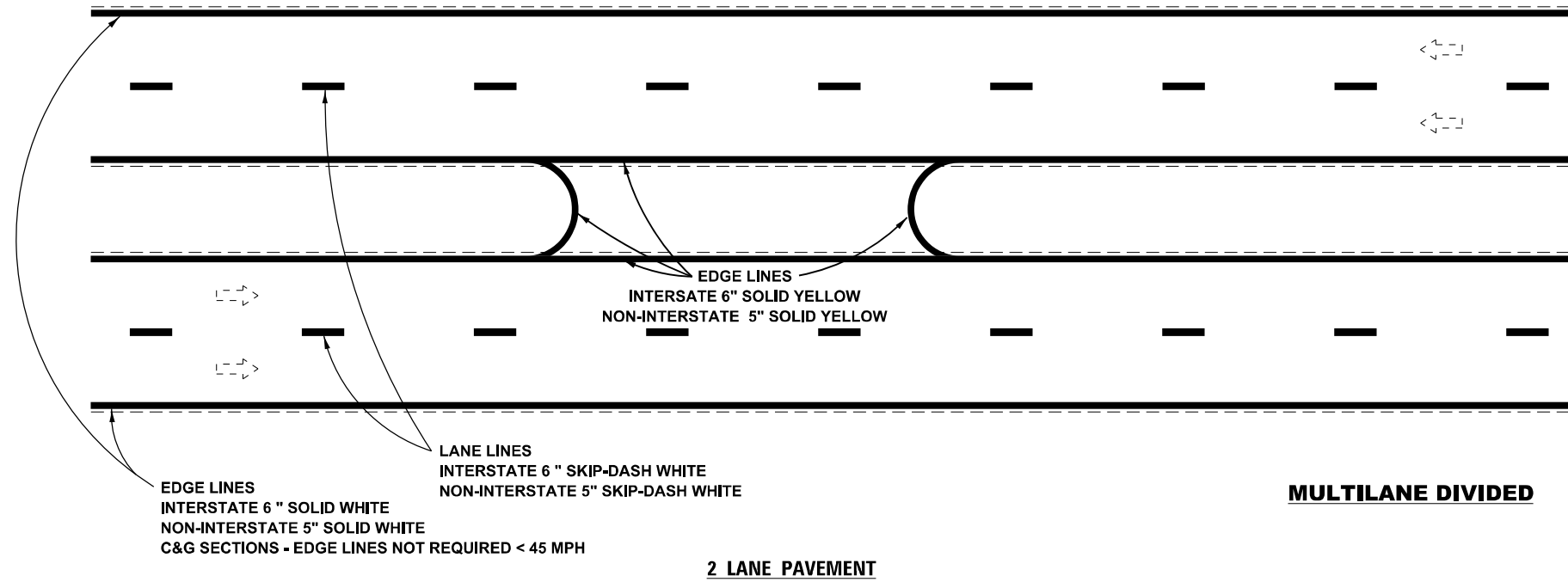
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6 STANDARD DETAILS  
PAVEMENT MARKING STANDARDS**

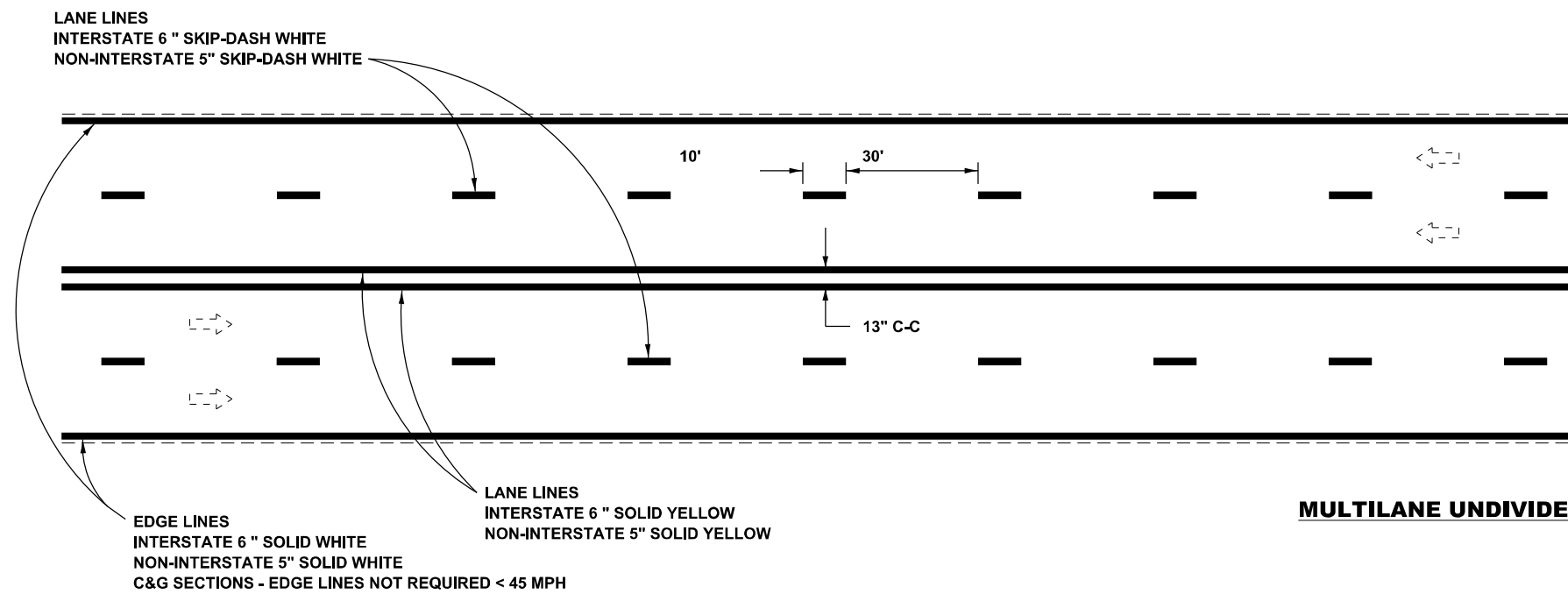
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F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67		(S,W)R-2,W-2,PB	SANGAMON	412	277
CONTRACT NO. 92621				ILLINOIS FED. AID PROJECT	

NOT TO SCALE



**MULTILANE DIVIDED**



**MULTILANE UNDIVIDED**

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

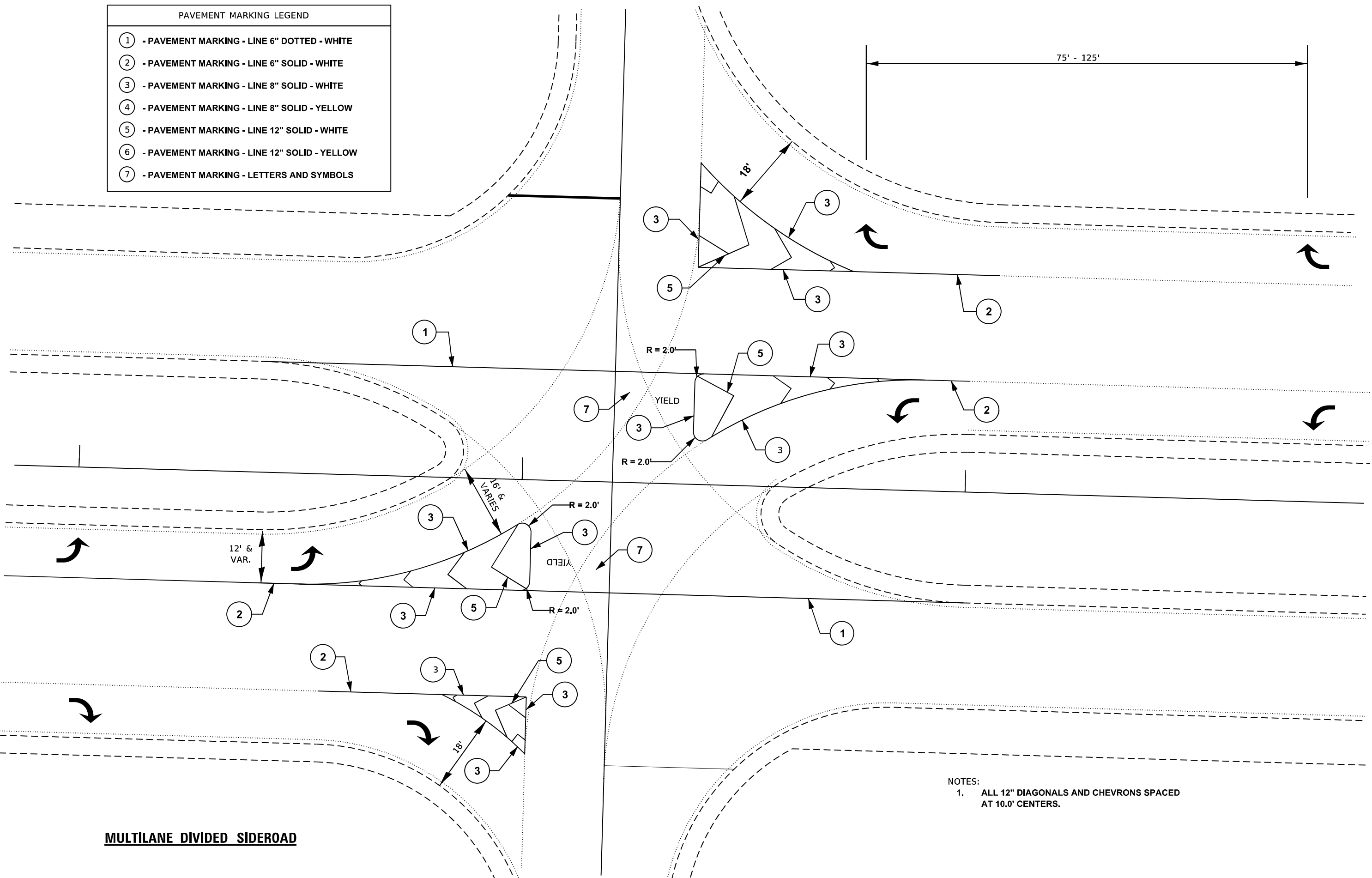
**DISTRICT 6 STANDARD DETAILS  
 PAVEMENT MARKING STANDARDS**

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**NOT TO SCALE**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	278
CONTRACT NO. 92621				
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 12" DIAGONALS AND CHEVRONS SPACED AT 10.0' CENTERS.

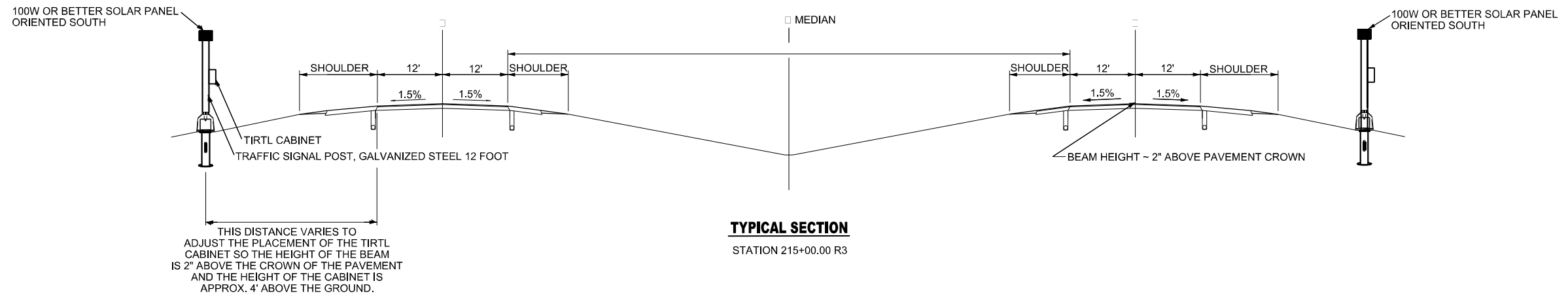
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

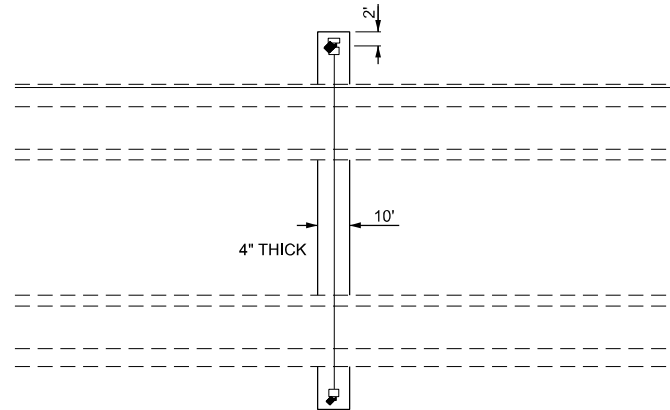
<b>DISTRICT 6 STANDARD DETAILS</b>	
<b>PAVEMENT MARKING STANDARDS</b>	
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S,W)R-2,W-2,PB	SANGAMON	412	279
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				



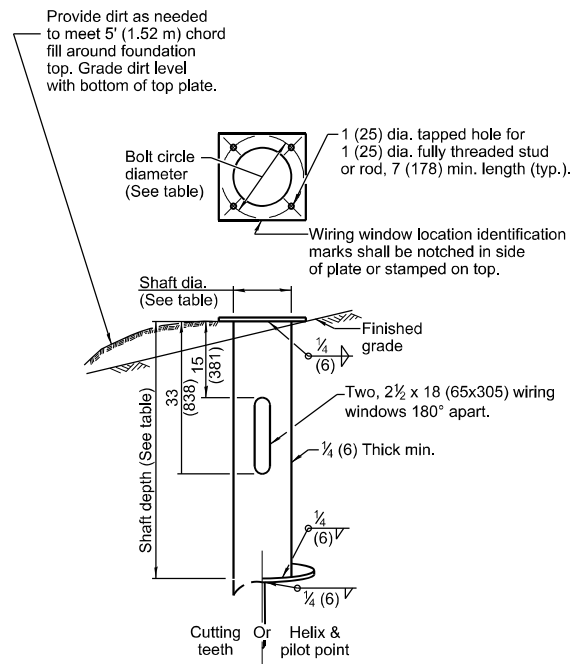
**NOTES:**

- SYSTEM CONSISTS OF TWO SIGNAL OR LIGHT BASES WITH SCREW IN BASE BOLTS.
- THE POSTS ARE 12' LONG AND SCREWED AS PER THE LIGHTING OR SIGNAL DETAIL TO ACCOMMODATE A PIPE TO ALLOW THE MOUNTING OF THE SOLAR PANEL.
- SCREW IN BASE RIGHT AT SURVEY STAKE.
- THE TWO POSTS MUST BE PLACED DIRECTLY ACROSS FROM EACH OTHER AND PERPENDICULAR TO THE LANES.
- TWO POSTS ARE REQUIRED LOCATED AS PER THE ENGINEER AND DRAWING.
- THE BOTTOM OF THE CABINET HEIGHT MUST BE NO LOWER THAN 4' ABOVE THE GROUND AND BE ABLE TO VIEW ACROSS ALL LANES AT THE CROWN OF THE PAVEMENT.
- THE IDOT OFFICE OF PLANNING AND PROGRAMMING DATA MANAGEMENT PERSONNEL MUST BE NOTIFIED TWO WEEKS PRIOR TO THE LAYOUT AND SHALL BE PRESENT DURING THE PLACEMENT OF THE POST FOUNDATIONS.
- THE BOTTOM OF THE CABINET HEIGHT MUST BE NO LOWER THAN 4' ABOVE THE GROUND AND BE ABLE TO VIEW ACROSS ALL LANES AT THE CROWN OF THE PAVEMENT.

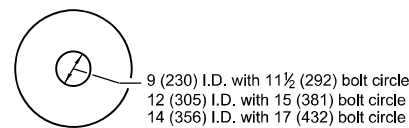


**TIRTL TRAFFIC COUNTER SCHEDULE OF QUANTITIES**

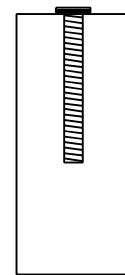
CODE NUMBER	ITEM	UNIT	QUANTITY
83600356	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8 5/8" X 6"	EACH	2
83800105	BREAKAWAY DEVICE, TRANSFORMER BASE	EACH	2
87502460	TRAFFIC SIGNAL POST, GALVANIZED STEEL 12 FT.	EACH	2
61100605	MISCELLANEOUS CONCRETE	CU YD	11
X0320089	TRAFFIC COUNTER - TIRTL SYSTEM (INCLUDES BELOW)	EACH	1
	TIRTL TRAFFIC DATA COLLECTION SYSTEM INCLUDES:		
	SIERRA WIRELESS MODEM RV-50X MOBILE 4G XTLE GATEWAY EVDO-VERIZON	EACH	1
	PANORAMA LOW PROFILE LTE MIMO LGAM-BC3G-26-3SP ANTENNA	EACH	1
	TIRTL CABINET	EACH	2
	SOLAR PANEL 100 W OR BETTER 12 VDC WITH BRACKET AND JUNCTION BOX	EACH	2
	TIRTL TRAFFIC COUNTER	EACH	1
	VICTRON ENERGY SMARTSOLAR MPPT 75/15 CHARGE CONTROLER	EACH	2
	BATTERY - 100 AH 12.8V LITHIUM IRON PHOSPHATE BATTERY (RB100)	EACH	2



**METAL FOUNDATION**



**TOP VIEW**



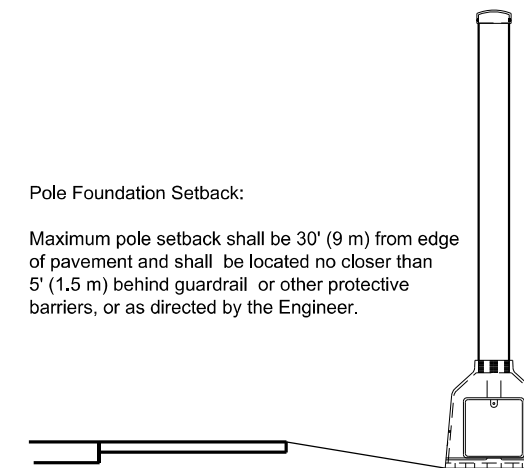
**ELEVATION SCREW IN BASE DETAIL**

BOLT CIRCLE DIAMETER	METAL FOUNDATION		
	SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)
11 1/2 (292)	8 5/8 (220)	6' (1.83 m)	12 x 12 x 1 (300 x 300 x 25)
11 1/2 (292)	8 5/8 (220)	6' (1.83 m)	12 x 12 x 1 (300 x 300 x 25)
15 (381) ②	8 5/8 (220)	6' (1.83 m) ①	15 x 15 x 1 1/4 (375 x 375 x 31)
15 (381) ②	8 5/8 (220)	6' (1.83 m) ①	15 x 15 x 1 1/4 (375 x 375 x 31)
15 (381) ②	8 5/8 (220)	8' (2.44 m)	15 x 15 x 1 1/4 (375 x 375 x 31)

- ① 8 5/8 x 8'-0" (220 x 2.44 m) for twin luminaires.
- ② Bolt circle diam. shall be 17 (430) when a transformer base is used.

**Pole Foundation Setback:**

Maximum pole setback shall be 30' (9 m) from edge of pavement and shall be located no closer than 5' (1.5 m) behind guardrail or other protective barriers, or as directed by the Engineer.



**GENERAL NOTES**

All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of a least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance of metal foundations and notify the Engineer if other conditions are encountered.

When rock is encountered the foundation depth may be reduced 6 (150) for every 12 (300) of embedment in rock. The minimum foundation depth shall be 4'-6" (1.37 m) with cut anchor rods 6 (150) above bottom of excavated hole. See ring plate detail.

Anchor rods shall be increased in diameter as needed for 50' (15.2 m) mounting height or above. The contractor shall match the breakaway device size or stotted hole size in the pole base plate to accommodate larger rod sizes.

Transformer bases shall not be used on metal foundations.

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

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	DATE -	REVISED -

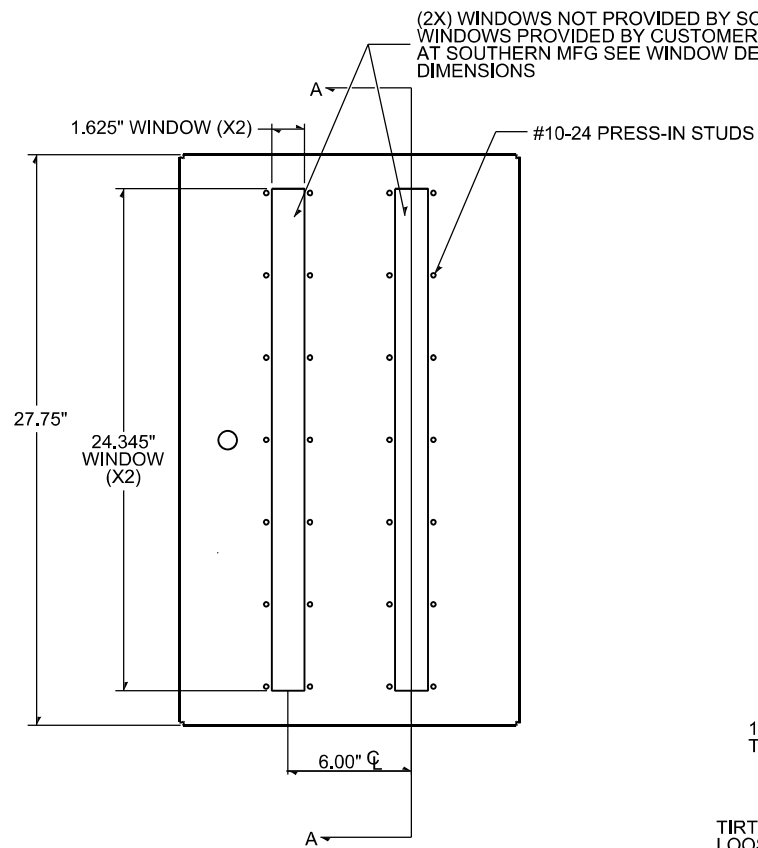
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6 STANDARD DETAILS TIRTL TRAFFIC COUNTER DETAILS**

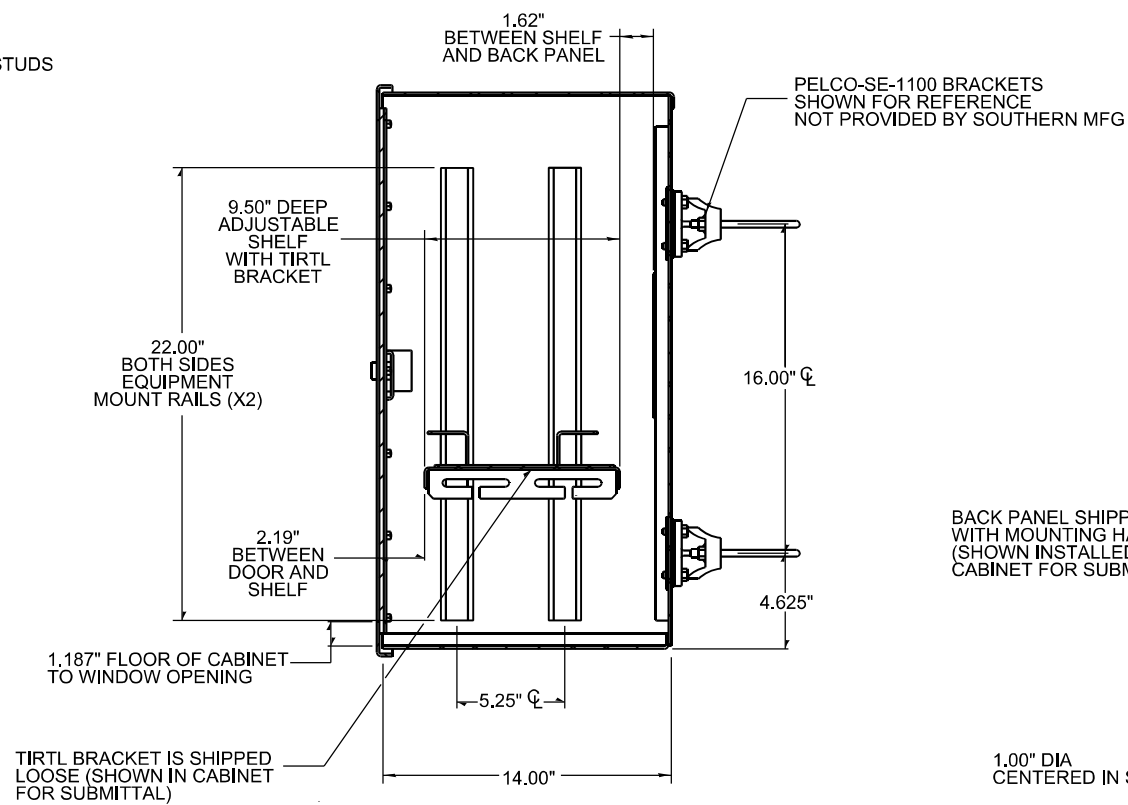
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				CONTRACT NO. 92621
ILLINOIS FED. AID PROJECT				

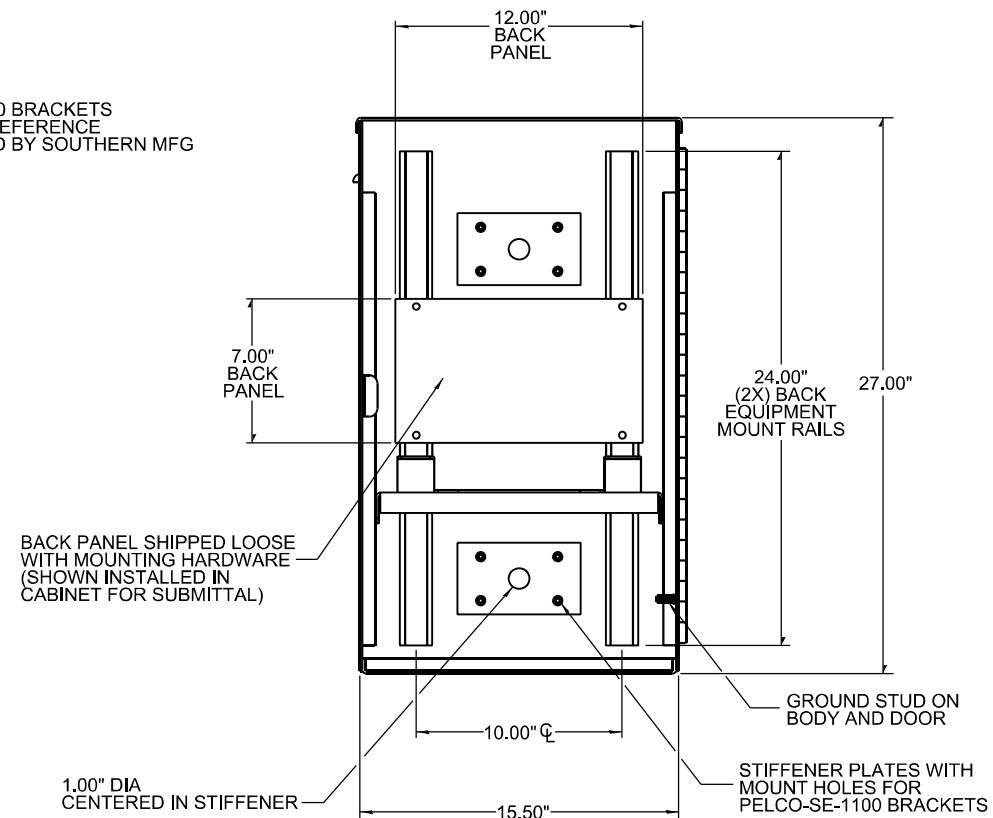




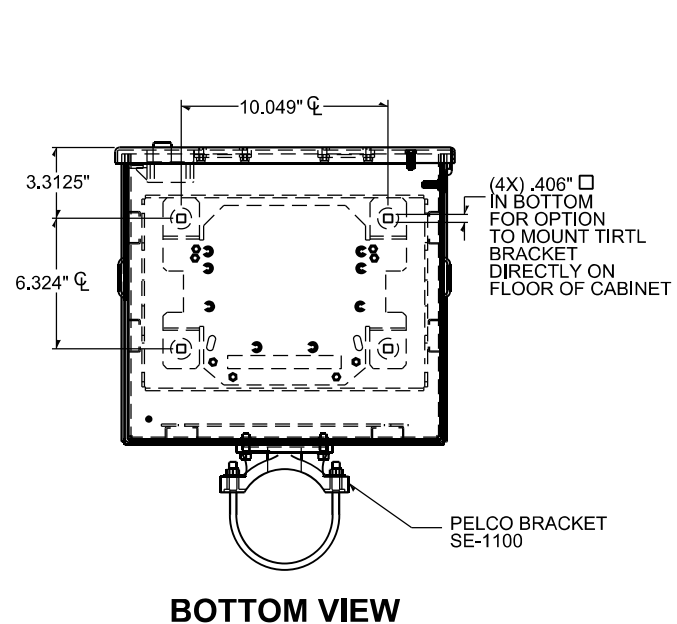
**FRONT VIEW**



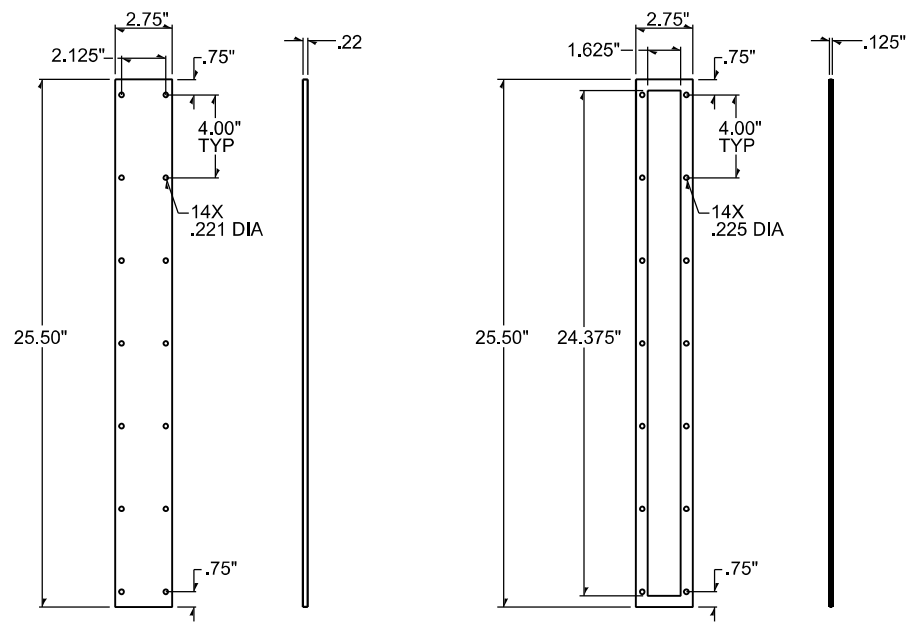
**SECTION A-A  
SIDE VIEW**



**FRONT VIEW  
WITH DOOR HIDDEN**

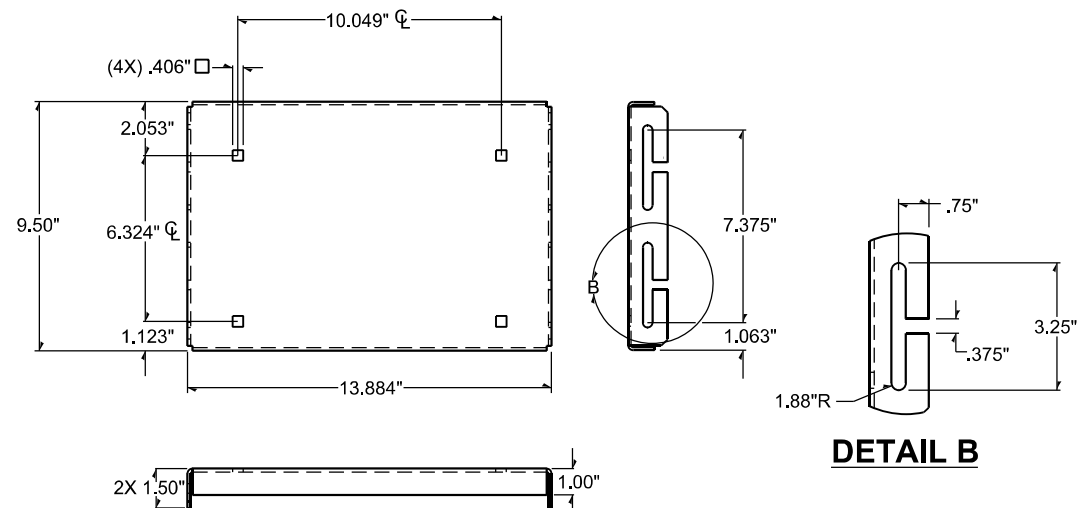


**BOTTOM VIEW**



**CUSTOMER PROVIDED  
WINDOW (2X)**

**WINDOW BEZEL (2X)**



**SHELF**

**DETAIL B**

**TIRTL CABINET**

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PLOT DATE = 5/8/2026	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6 STANDARD DETAILS  
TIRTL TRAFFIC COUNTER DETAILS**

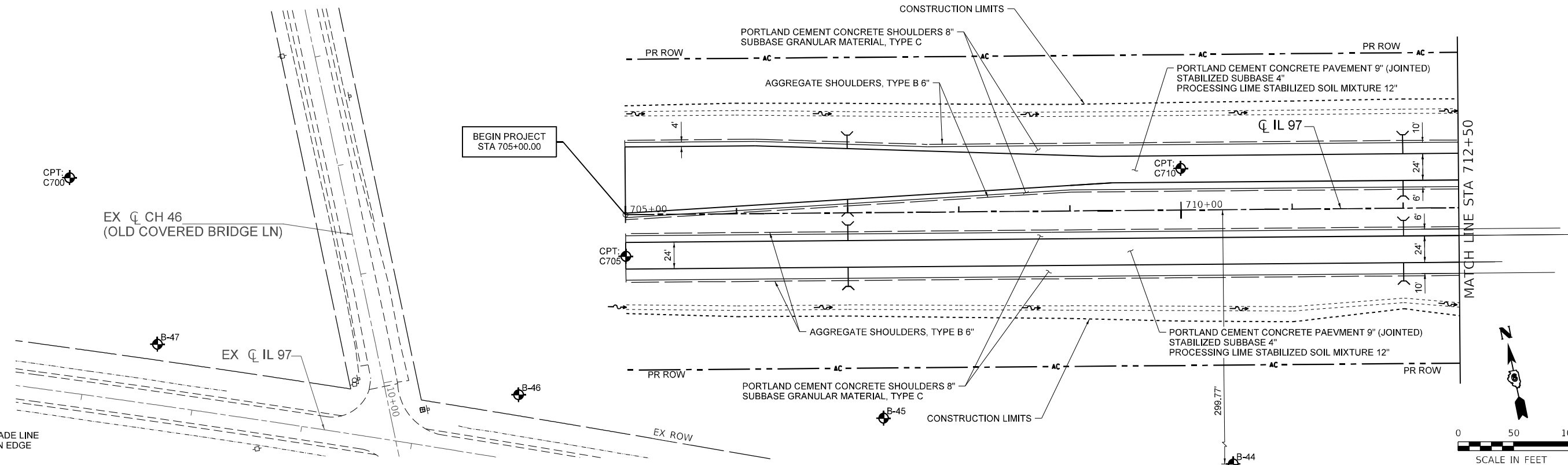
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CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

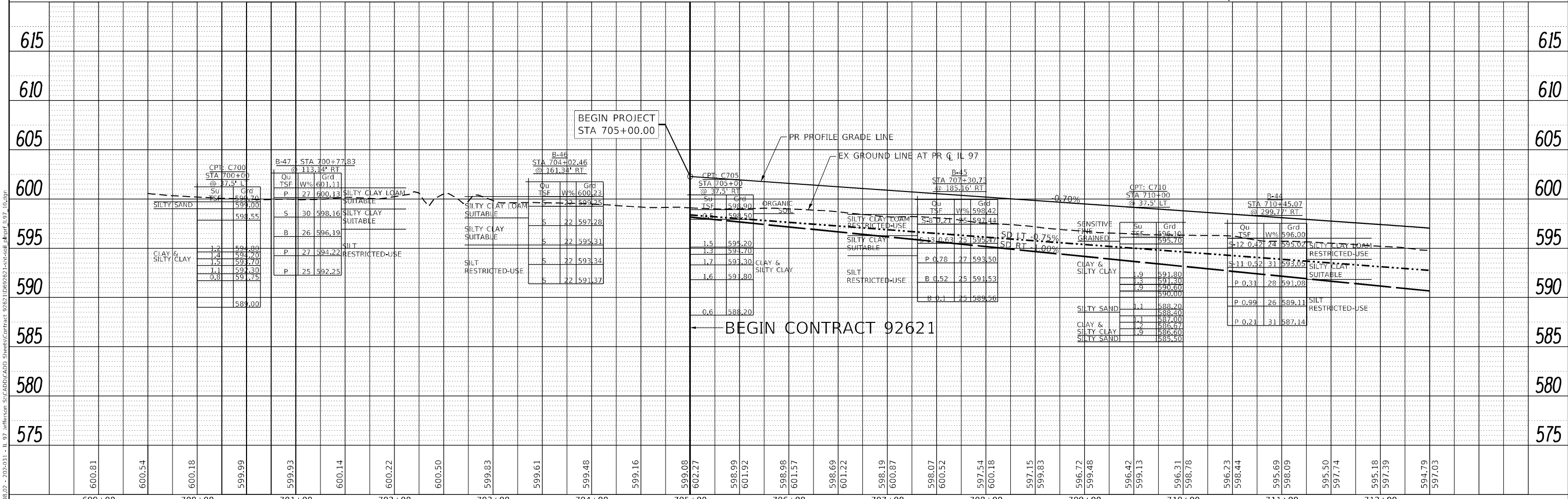
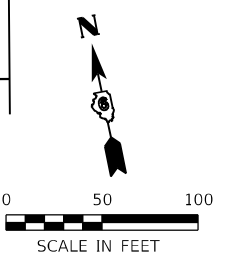
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DATE: 5/7/2026



NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE MEDIAN EDGE OF THE TRAVELED WAY



699+00	700+00	701+00	702+00	703+00	704+00	705+00	706+00	707+00	708+00	709+00	710+00	711+00	712+00																														
600.81	600.54	600.18	599.99	599.93	600.14	600.22	600.50	599.83	599.61	599.48	599.16	599.08	602.27	598.99	601.92	598.98	601.57	598.69	601.22	598.19	600.87	598.07	600.52	597.54	600.18	597.15	599.83	596.72	599.48	596.42	599.13	596.31	598.78	596.23	598.44	595.69	598.09	595.50	597.74	595.18	597.39	594.79	597.03



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

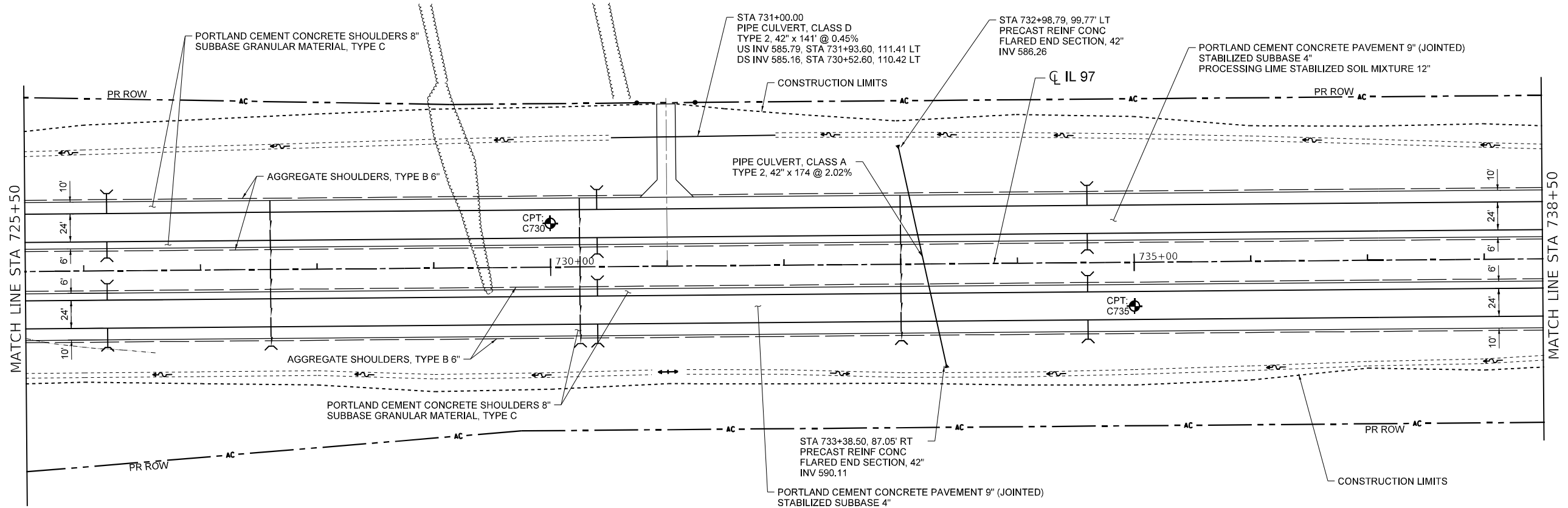
**IL 97  
SOIL PLAN AND PROFILE**

SCALE: 1" = 50'    SHEET 1 OF 13 SHEETS    STA. 705+00.00 TO STA. 712+50.00

F.A.P. RTE. 67	SECTION (S.W)R-2.W-2.PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 283
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

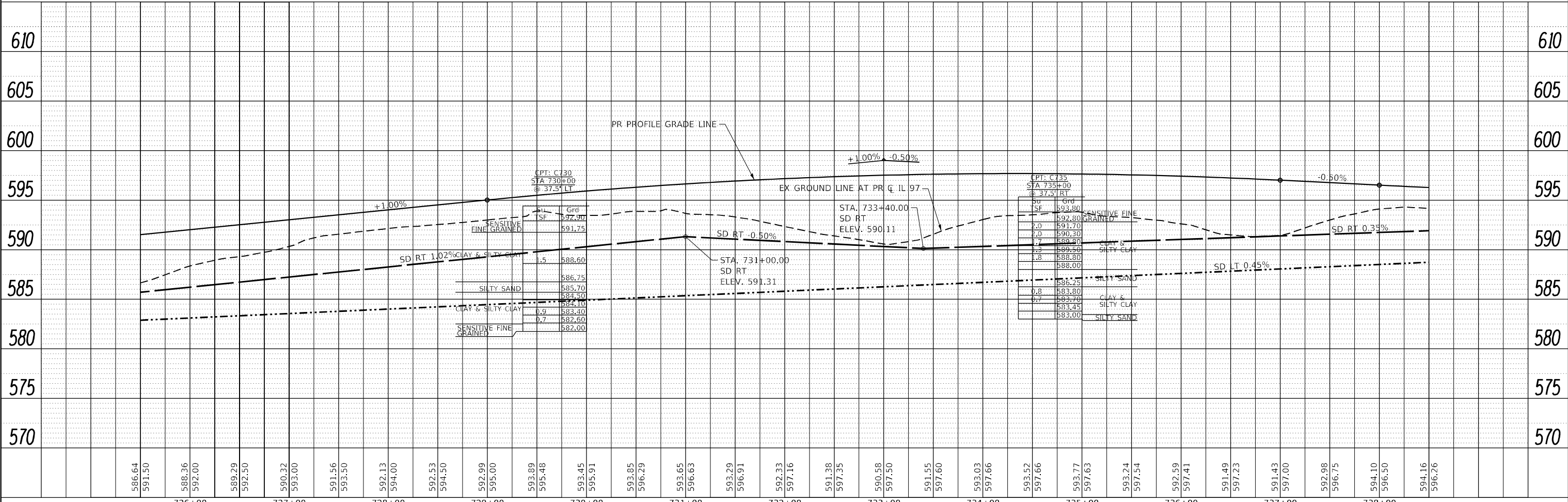


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	NOTE BOOK NO.	
	CADD FILE NAME	



NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE MEDIAN EDGE OF THE TRAVELED WAY

PROFILE	SURVEYED	DATE
	PLOTTED	BY
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	NOTE BOOK NO.	
	CADD FILE NAME	



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PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

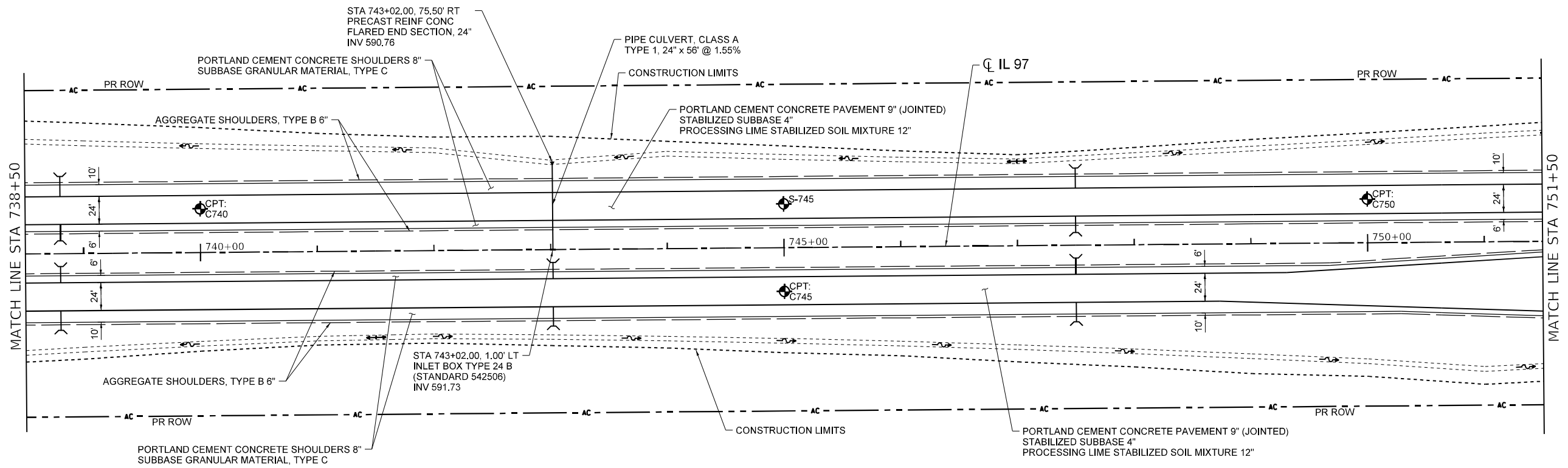
<b>IL 97</b>		
<b>SOIL PLAN AND PROFILE</b>		
SCALE: 1" = 50'	SHEET 3 OF 13 SHEETS	STA. 725+50.00 TO STA. 738+50.00

F.A.P. RTE. 67	SECTION (S.W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 285
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

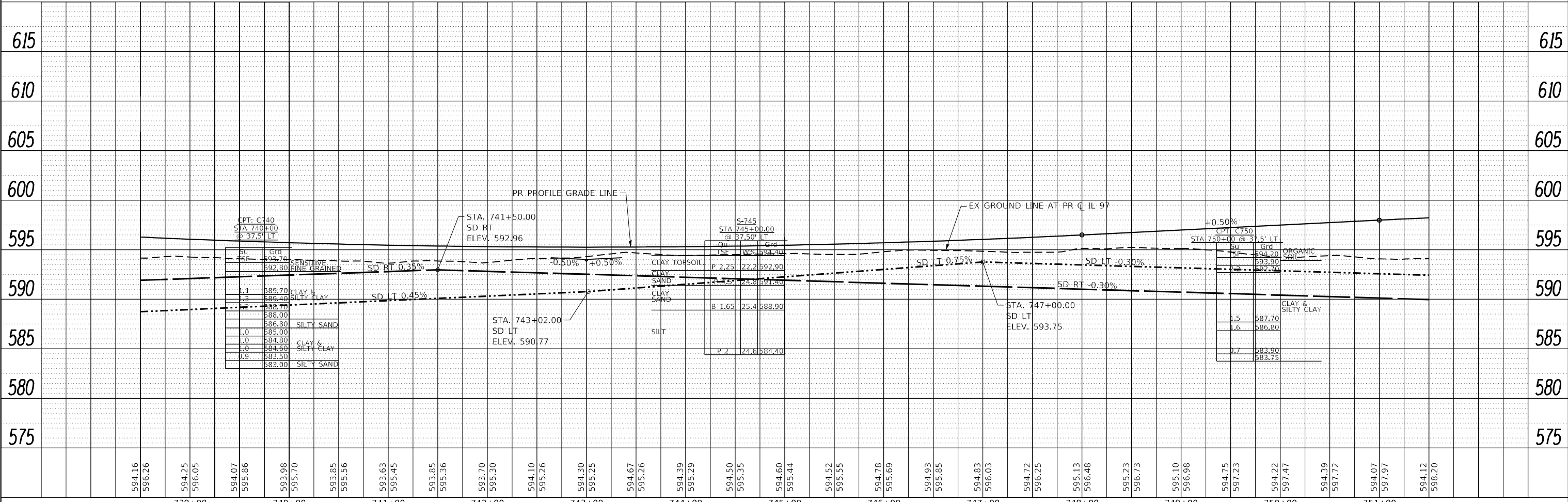
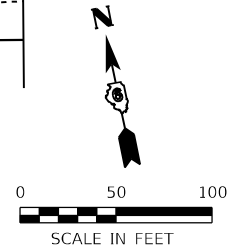
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NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE MEDIAN EDGE OF THE TRAVELED WAY



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

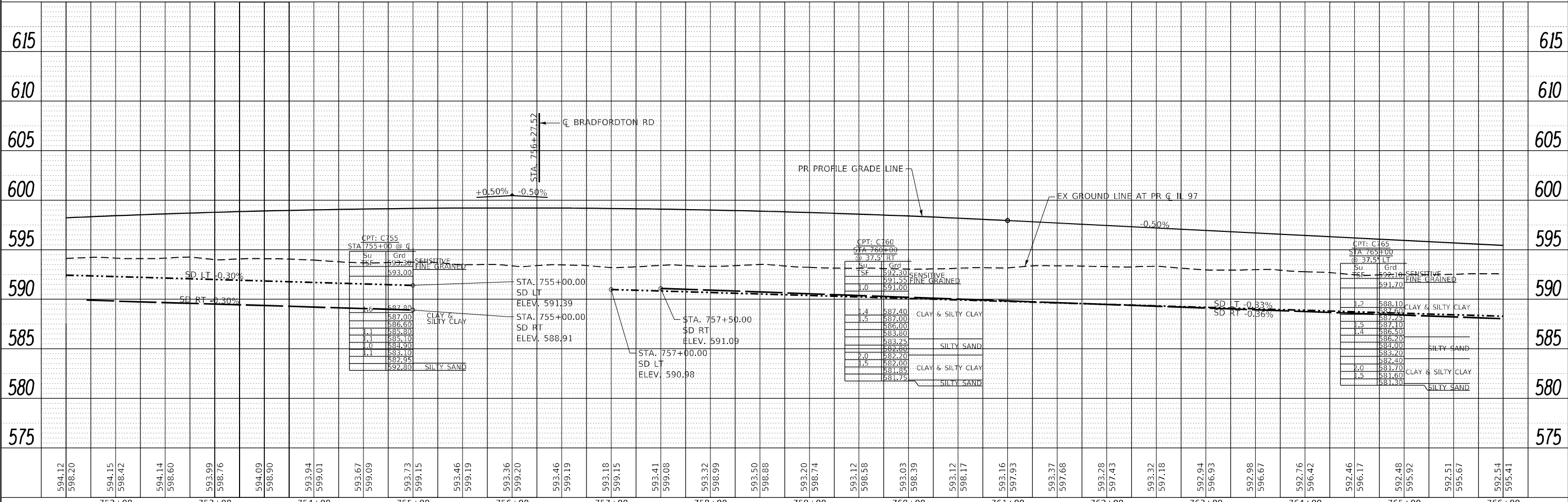
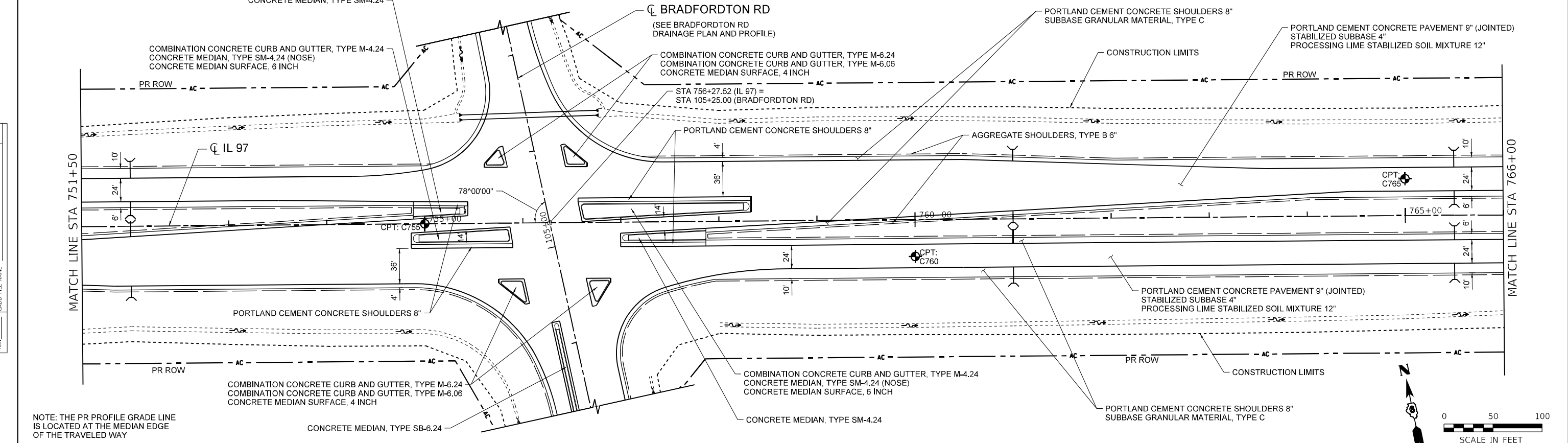
**IL 97  
SOIL PLAN AND PROFILE**

SCALE: 1" = 50'    SHEET 4 OF 13 SHEETS    STA. 738+50.00 TO STA. 751+50.00

F.A.P. RTE. 67	SECTION (S.W)R-2.W-2.PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 286
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 97  
SOIL PLAN AND PROFILE

SCALE: 1" = 50'

SHEET 5 OF 13 SHEETS

STA. 751+50.00 TO STA. 766+00.00

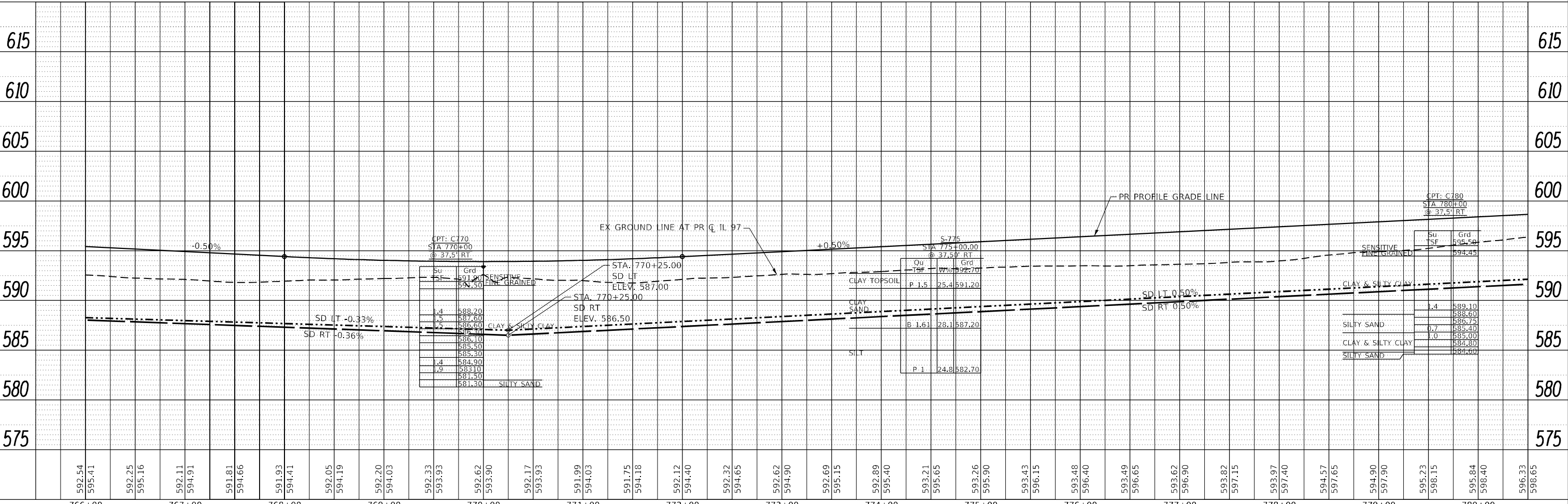
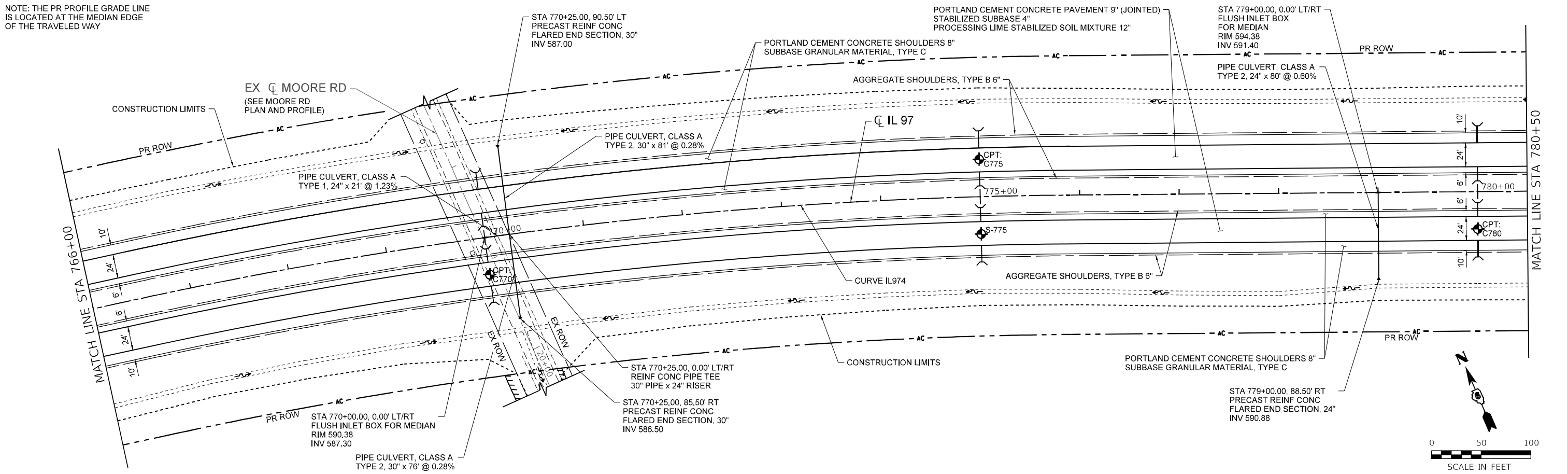
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CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE MEDIAN EDGE OF THE TRAVELED WAY

DATE	
BY	
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	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS REVD
	NO.
	NO.
	NO.
	NO.

DATE	
BY	
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766+00	767+00	768+00	769+00	770+00	771+00	772+00	773+00	774+00	775+00	776+00	777+00	778+00	779+00	780+00																																													
592.54	595.41	592.25	595.16	592.11	594.91	591.81	594.66	591.93	594.41	592.05	594.19	592.20	594.03	592.33	593.93	592.62	593.90	592.17	593.93	591.99	594.03	591.75	594.18	592.12	594.40	592.32	594.65	592.62	594.90	592.69	595.15	592.89	595.40	593.21	595.65	593.26	595.90	593.43	596.15	593.48	596.40	593.49	596.65	593.62	596.90	593.82	597.15	593.97	597.40	594.57	597.65	594.90	597.90	595.23	598.15	595.64	598.40	596.33	598.65



USER NAME = CThomas	DESIGNED - AWM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JCW	REVISED -
PLOT DATE = 5/7/2026	CHECKED - AWM	REVISED -
	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

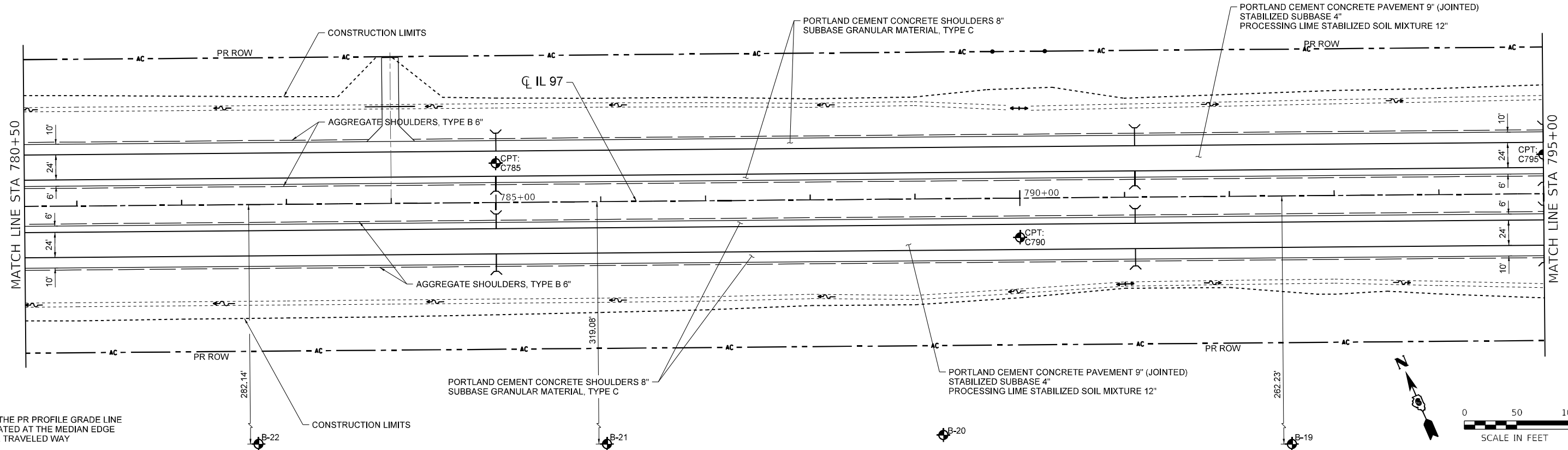
IL 97	
SOIL PLAN AND PROFILE	
SCALE: 1" = 50'	SHEET 6 OF 13 SHEETS
STA. 766+00.00 TO STA. 780+50.00	

F.A.P. RTE. 67	SECTION (S.W)R-2.W-2.PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 288
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

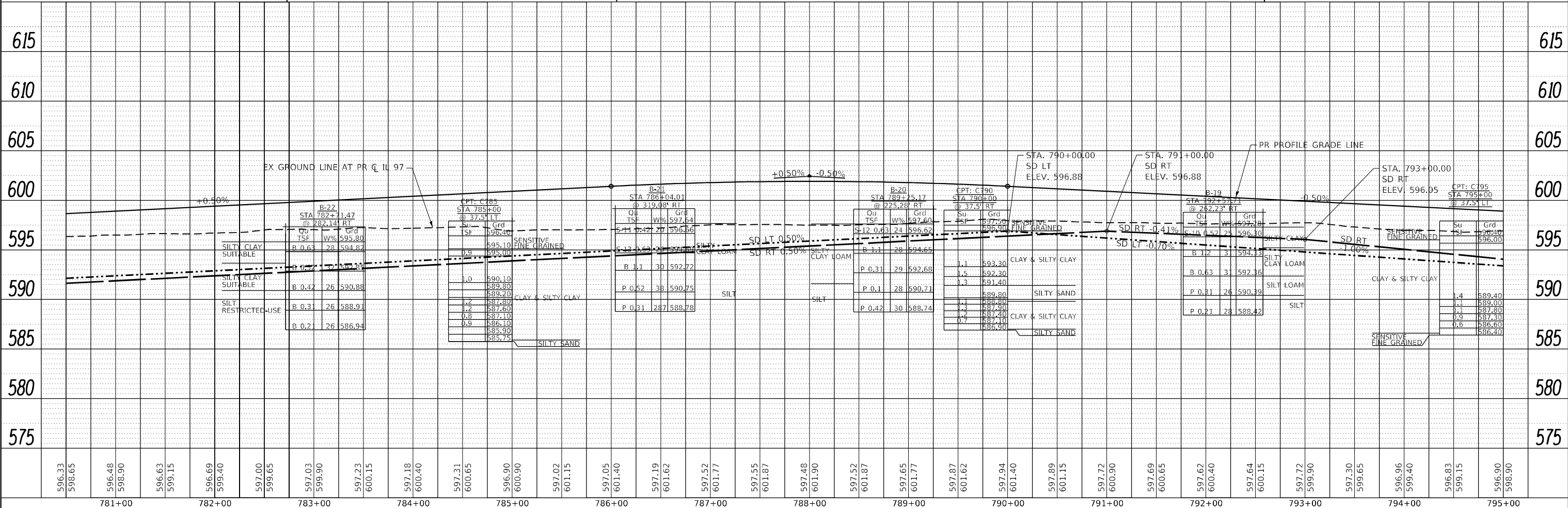
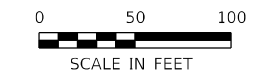
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	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS REVD	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS REVD	
	CADD FILE NAME	
	NO.	

MODEL: DefFair  
 FILE NAME: V:\090902 - 205-031 - IL 97 Jefferson St CADD\CADD Sheets\Contract 92621\090902-205-031-IL97-1.dwg



NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE MEDIAN EDGE OF THE TRAVELED WAY



781+00	782+00	783+00	784+00	785+00	786+00	787+00	788+00	789+00	790+00	791+00	792+00	793+00	794+00	795+00
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USER NAME = CThomas	DESIGNED - AWM	REVISED -
	DRAWN - JCW	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - AWM	REVISED -
PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

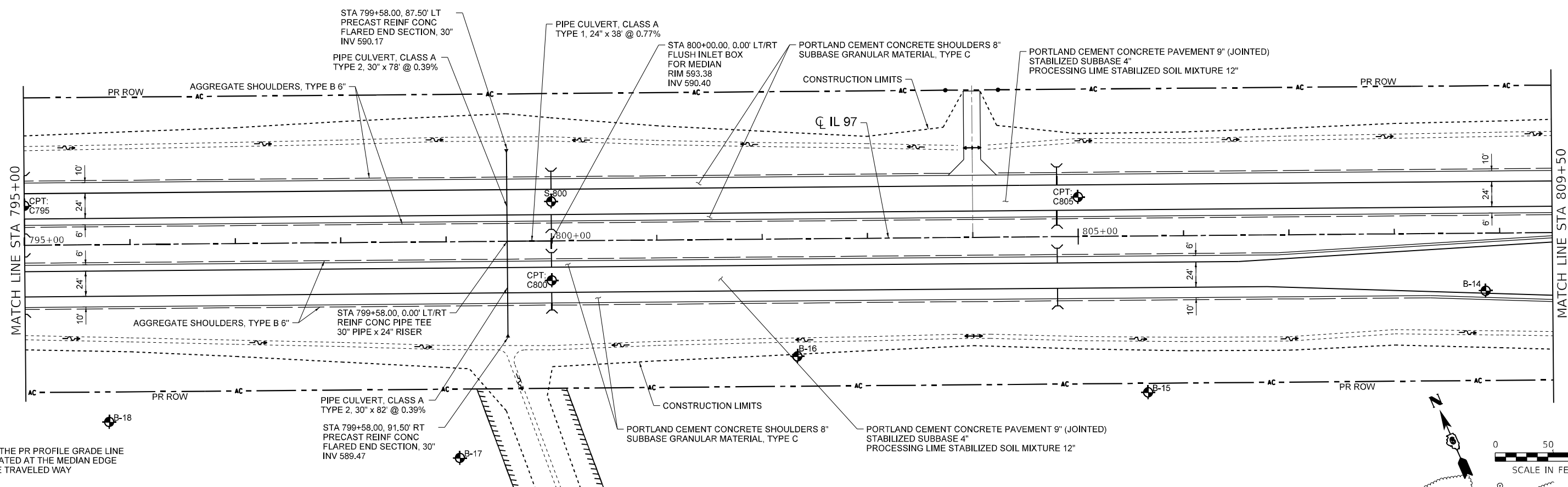
IL 97	
SOIL PLAN AND PROFILE	
SCALE: 1" = 50'	SHEET 7 OF 13 SHEETS
STA. 780+50.00 TO STA. 795+00.00	

F.A.P. RTE. 67	SECTION (S.W)R-2.W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 289
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

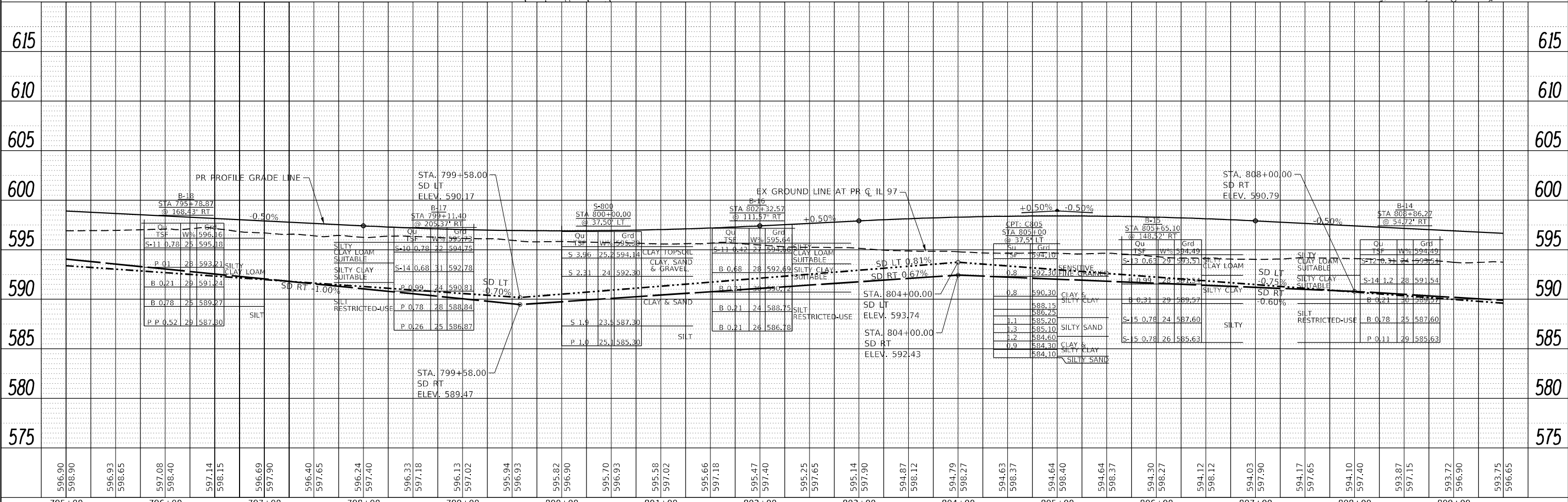
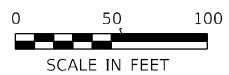
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS REVD	
	NO.	

MODEL: DefFair  
 FILE NAME: V:\092502 - 205-031 - IL 97 Jefferson St-CADD-CADD-Sheet\Contract 9262\10092502-205-031-IL97.dwg



NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE MEDIAN EDGE OF THE TRAVELED WAY

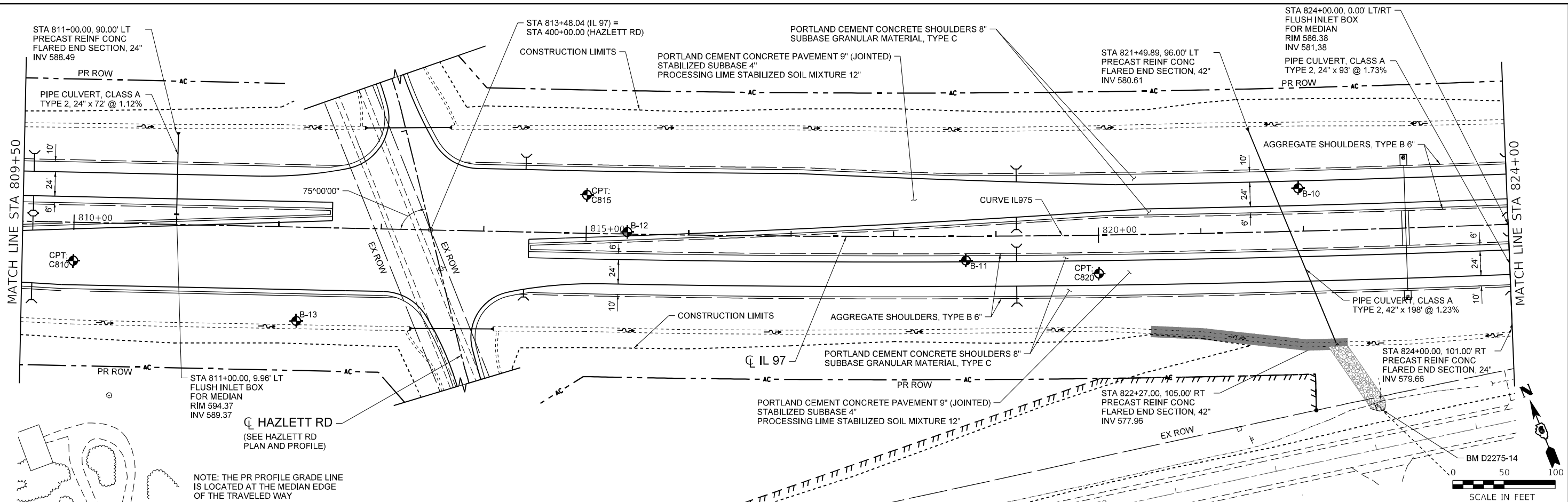


	USER NAME = CThomas	DESIGNED - AWM	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 97</b> <b>SOIL PLAN AND PROFILE</b>	F.A.P. RTE. 67	SECTION (S.W)R-2.W-2.PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 290		
	PLOT SCALE = 100,0000' / in.	CHECKED - AWM	REVISED -			SCALE: 1" = 50'	SHEET 8 OF 13 SHEETS	STA. 795+00.00 TO STA. 809+50.00	CONTRACT NO. 92621			
	PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -			ILLINOIS FED. AID PROJECT						

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	CADD FILE NAME	
	NO.	

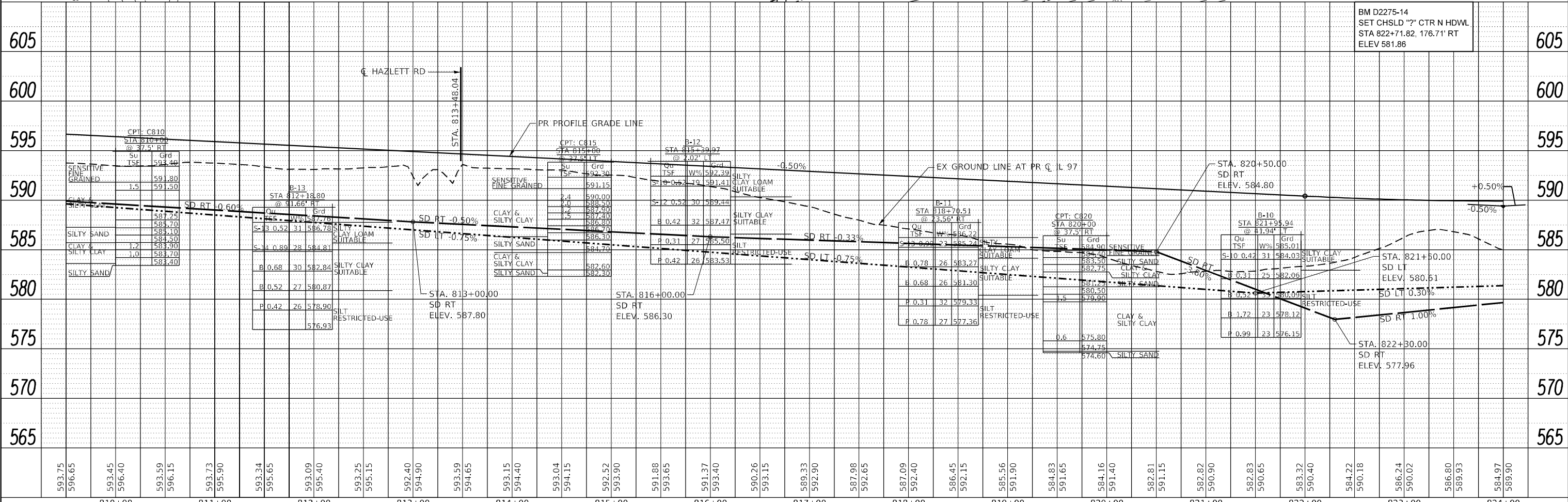
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS REVD	
	NO.	

MODEL: DefFair  
FILE NAME: V:\999902 - 205-931 - IL 97 Jefferson St.CADD\CADD - Streets\Contract 92621\09592921\as-built\1091131.dwg



NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE MEDIAN EDGE OF THE TRAVELED WAY

SCALE IN FEET



BM D2275-14
SET CHSLD "7" CTR N HDWL
STA 822+71.82, 176.71' RT
ELEV 581.86



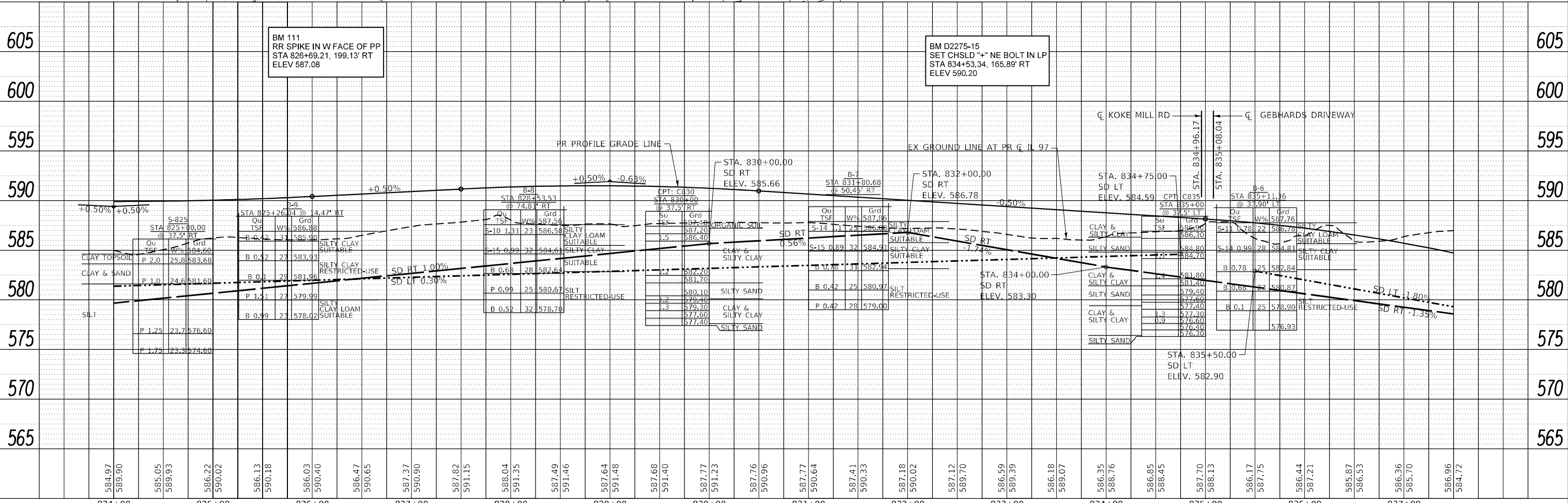
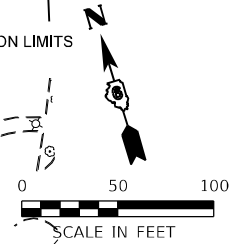
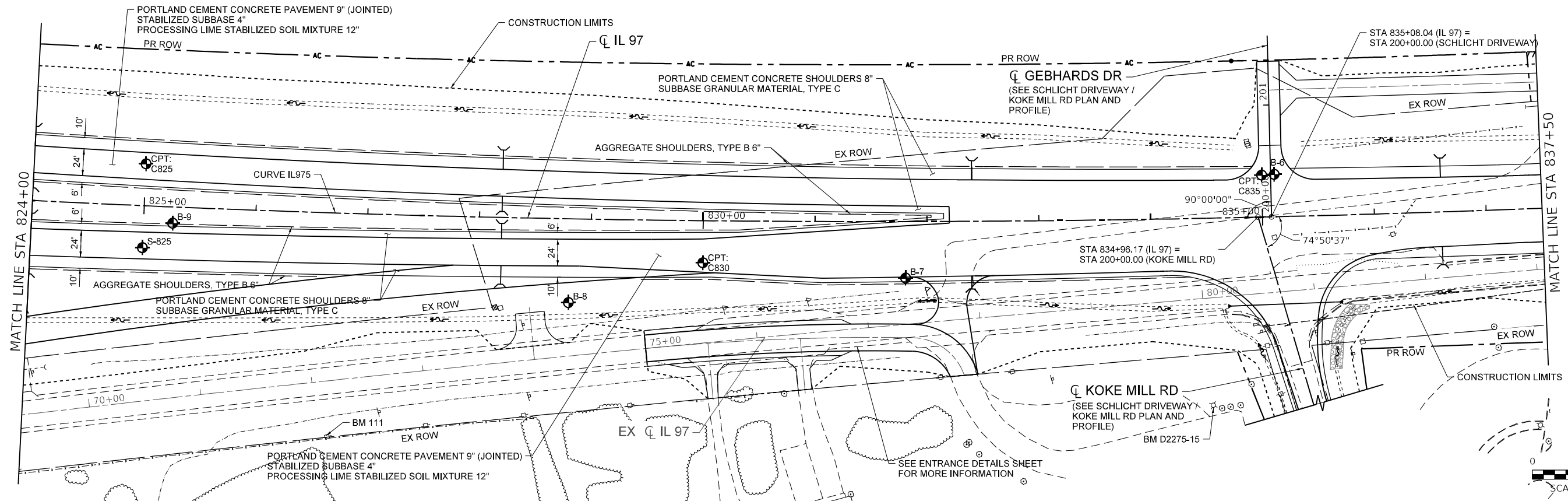
USER NAME = CThomas	DESIGNED - AWM	REVISED -
	DRAWN - JCW	REVISED -
PLOT SCALE = 100,0000' / In.	CHECKED - AWM	REVISED -
PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 97			
SOIL PLAN AND PROFILE			
SCALE: 1" = 50'	SHEET 9 OF 13 SHEETS	STA. 809+50.00 TO STA. 824+00.00	

F.A.P. RTE. 67	SECTION (S.W)R-2.W-2.PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 291
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE MEDIAN EDGE OF THE TRAVELED WAY



DATE	
BY	
PLAN	SURVEYED, PLOTTED, ALIGNED, CHECKED, CADD FILE NAME, NO.
NOTE BOOK	

DATE	
BY	
PROFILE	SURVEYED, PLOTTED, GRADES CHECKED, STRUCTURE NOTATIONS REVD, NO.
NOTE BOOK	

MODEL: DefFair  
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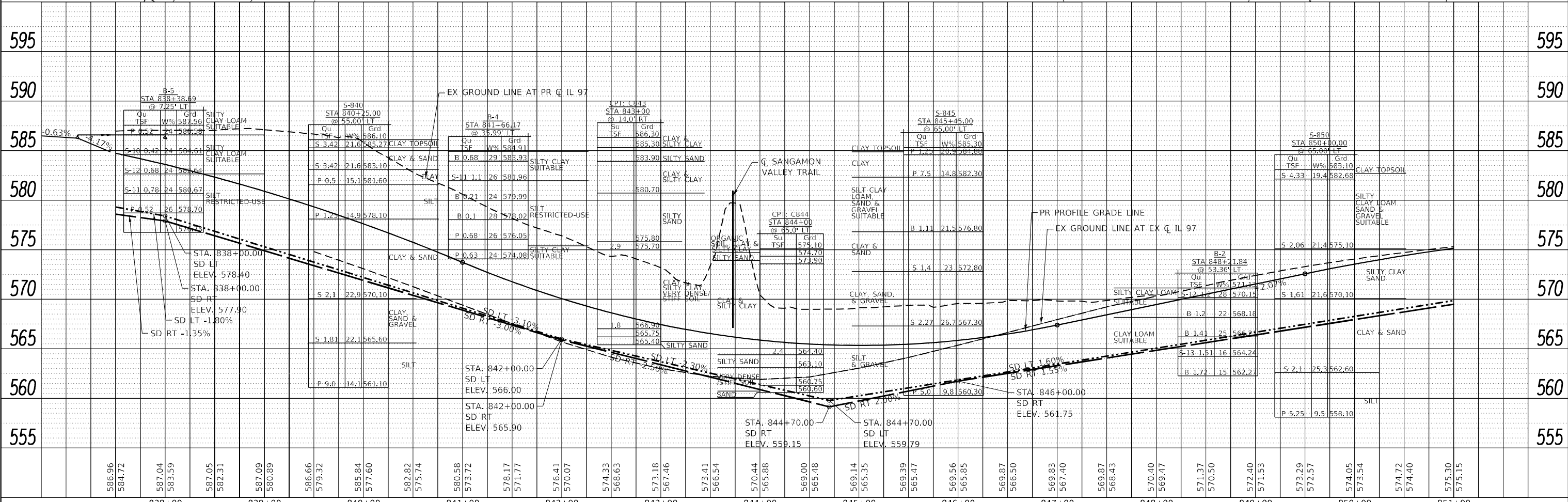
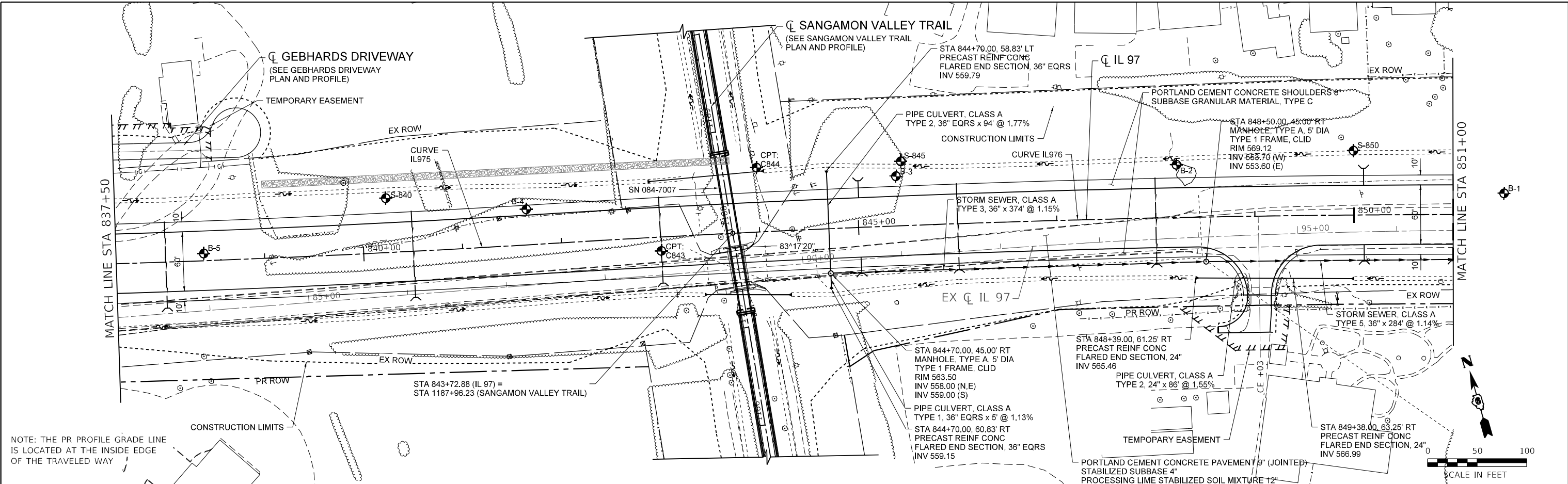
USER NAME = CThomas	DESIGNED - AWM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JCW	REVISED -
PLOT DATE = 5/7/2026	CHECKED - AWM	REVISED -
	DATE - 05/08/2026	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 97</b>	
<b>SOIL PLAN AND PROFILE</b>	
SCALE: 1" = 50'	SHEET 10 OF 13 SHEETS
STA. 824+00.00 TO STA. 837+50.00	

F.A.P. RTE. 67	SECTION (S.W)R-2.W-2.PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 292
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILE NAME
	NO.



DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS REVD
	NO.

MODEL: DefFault  
 FILE NAME: V:\090902 - 205-031 - IL 97 Jefferson St CADD\CADD Sheets\Contract 92621\0909021\as-built\Profile\_IL97\_2026.dwg



USER NAME	= CThomas
DESIGNED	- AWM
DRAWN	- JCW
CHECKED	- AWM
DATE	- 05/08/2026
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

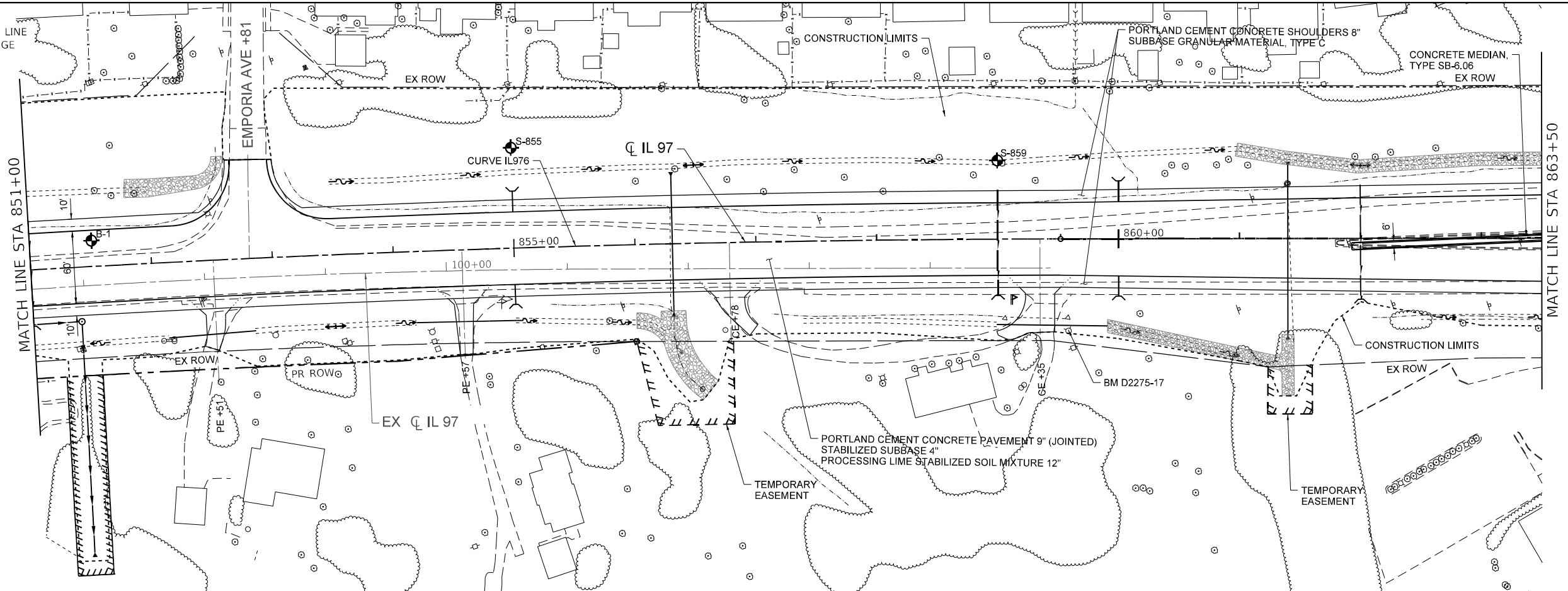
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>IL 97</b>		
<b>SOIL PLAN AND PROFILE</b>		
SCALE: 1" = 50'	SHEET 11 OF 13 SHEETS	STA. 837+50.00 TO STA. 851+00.00

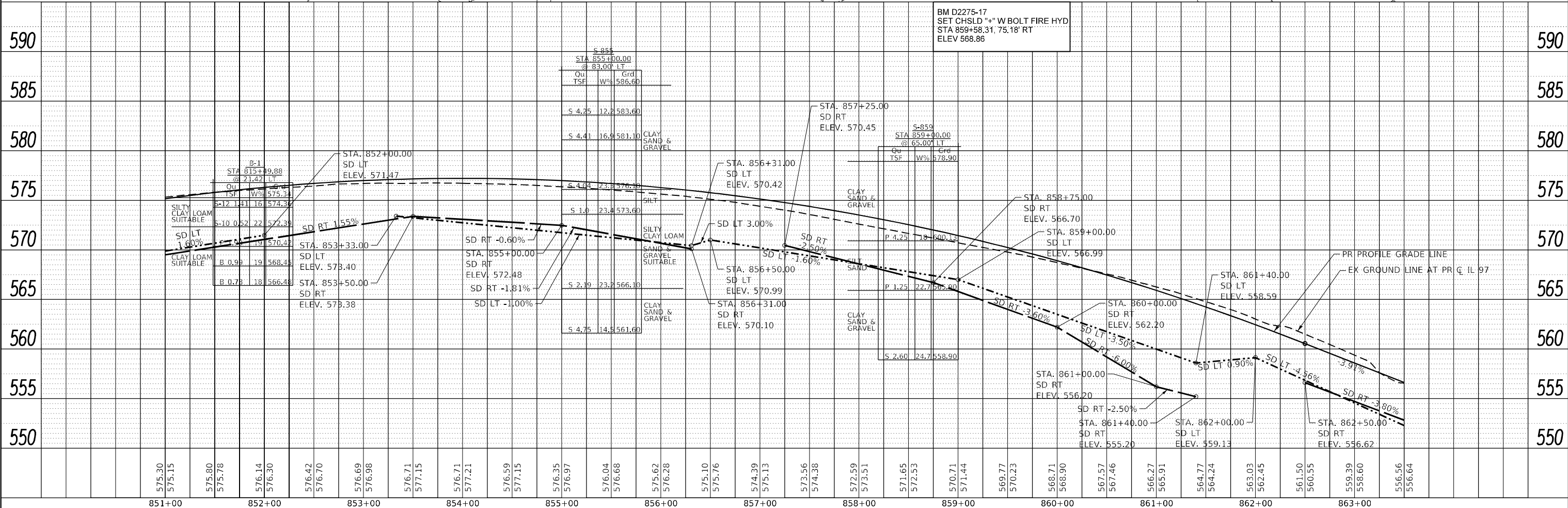
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W.)R-2.W-2.PB	SANGAMON	412	293
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE INSIDE EDGE OF THE TRAVELED WAY

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	NO.	
	CADD FILE NAME	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	
	CADD FILE NAME	



MODEL: DefFair  
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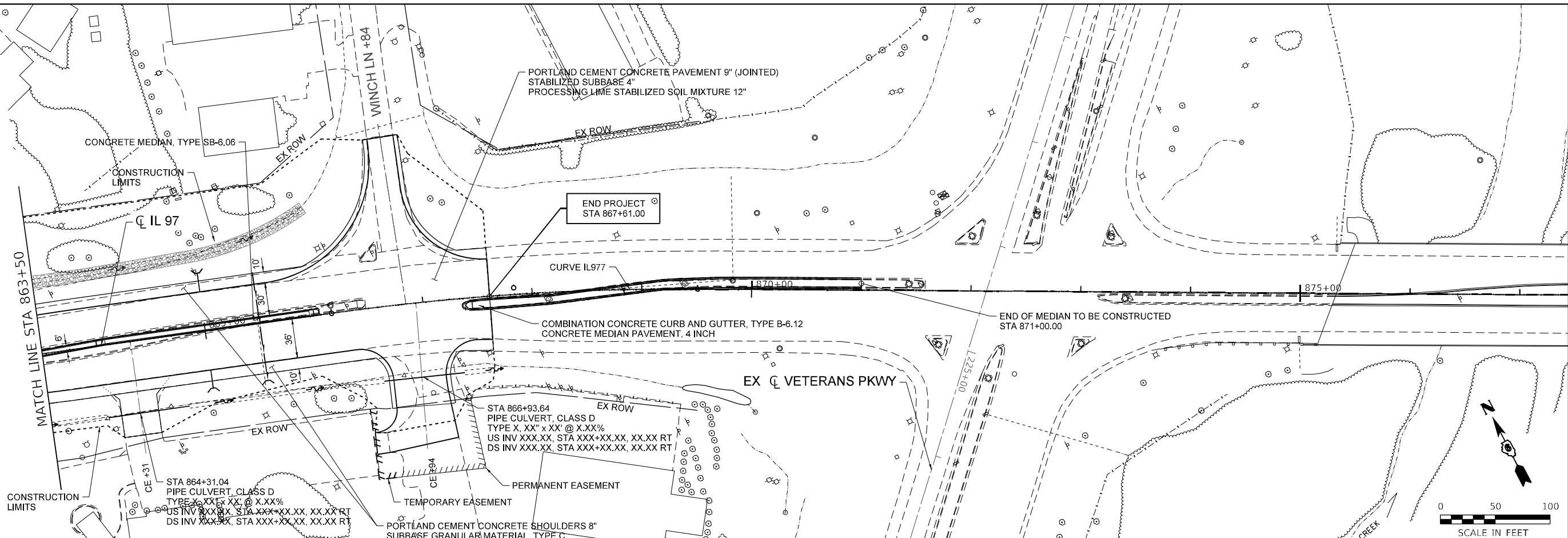
USER NAME = CThomas	DESIGNED - AWM	REVISED -
	DRAWN - JCW	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - AWM	REVISED -
PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 97  
 SOIL PLAN AND PROFILE  
 SCALE: 1" = 50'  
 SHEET 12 OF 13 SHEETS  
 STA. 851+00.00 TO STA. 863+50.00

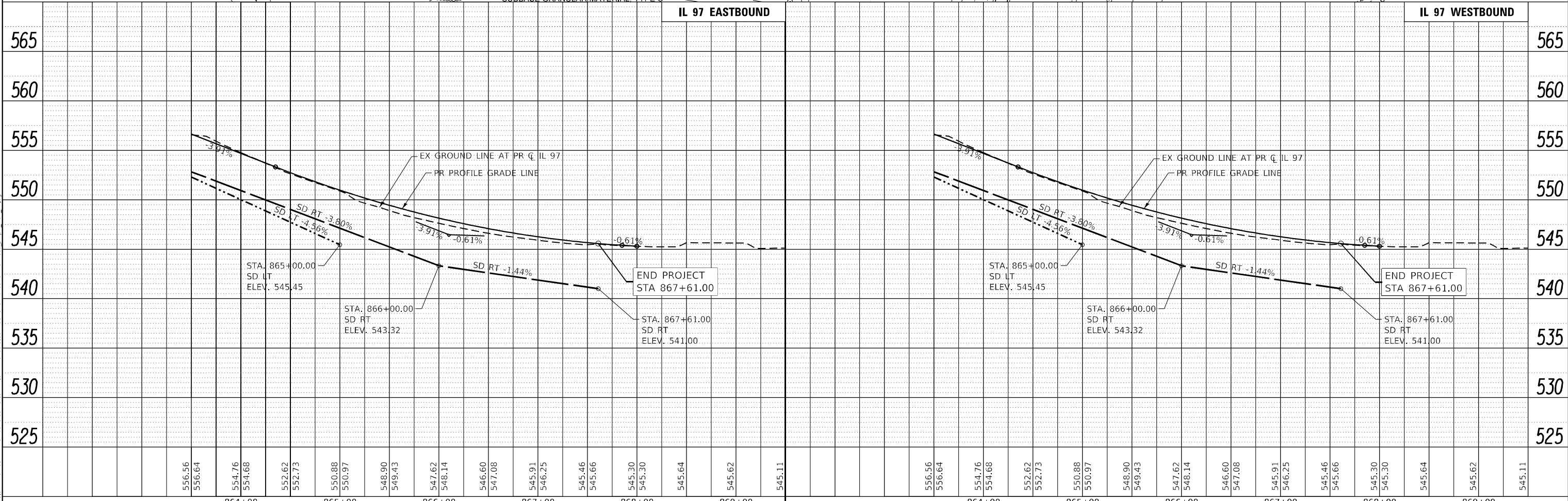
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2.W-2.PB	SANGAMON	412	294
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

NOTE: THE PR PROFILE GRADE LINE IS LOCATED AT THE MEDIAN EDGE OF THE TRAVELED WAY



DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	



MODEL: DefFair  
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USER NAME = CThomas	DESIGNED - AWM	REVISIONS
	DRAWN - JCW	REVISIONS
PLOT SCALE = 100,0000' / in.	CHECKED - AWM	REVISIONS
PLOT DATE = 5/7/2026	DATE - 05/08/2026	REVISIONS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

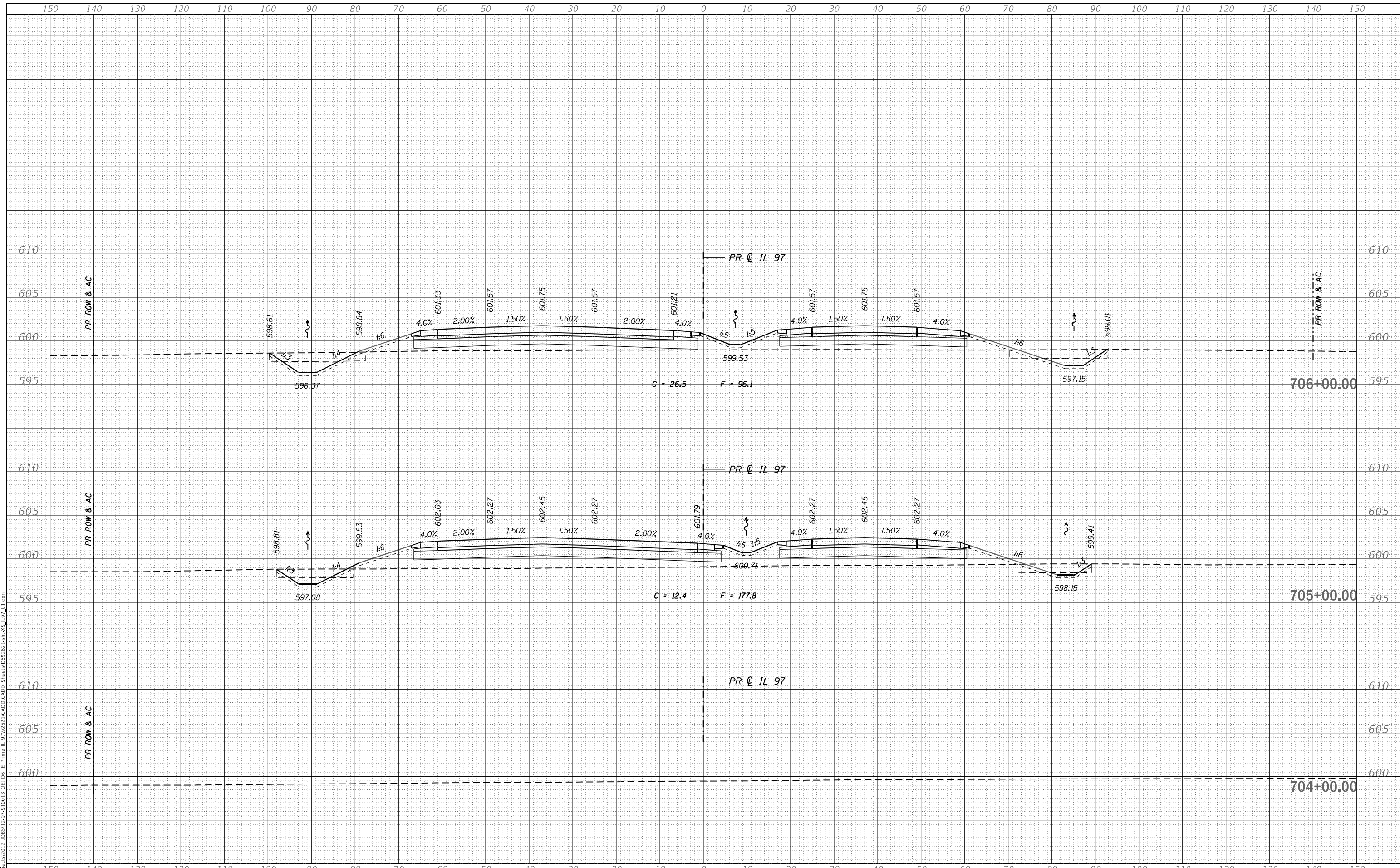
SCALE: 1" = 50'		SHEET 13 OF 13 SHEETS	STA. 863+50.00 TO STA. 874+50.00
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F.A.P. RTE. 67	SECTION (S.W)R-2.W-2.PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 295
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

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

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

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 PLOT DATE: 5/8/2026



USER NAME = RGoertz	DESIGNED - RG	REvised -
	DRAWN - RG	REvised -
PLOT SCALE = 20,0000' / in.	CHECKED - FBN	REvised -
PLOT DATE = 5/8/2026	DATE - 05/08/2026	REvised -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 97  
 CROSS SECTIONS**

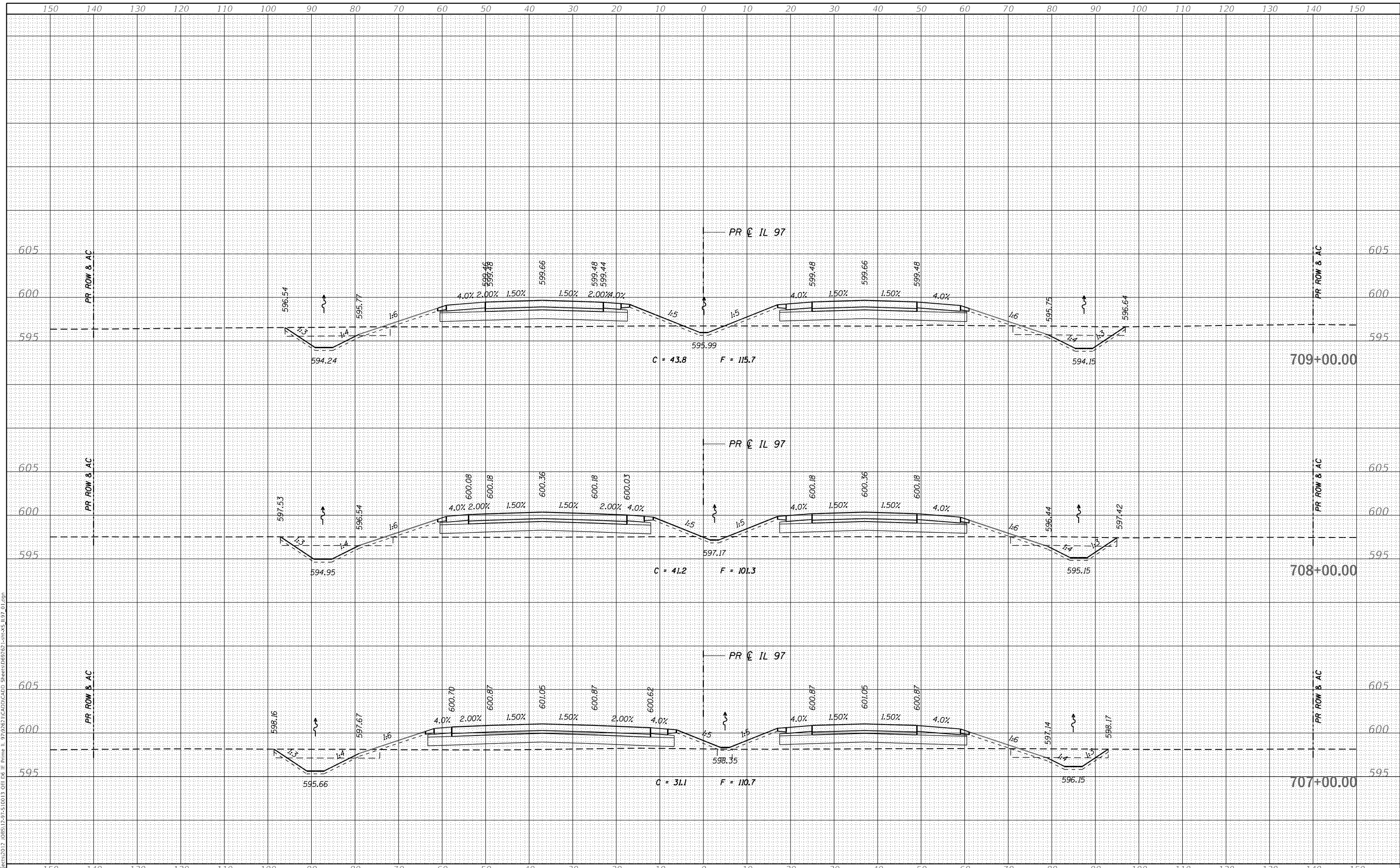
SCALE: H 10 : V 5 SHEET 1 OF 72 SHEETS STA. 704+00.00 TO STA. 706+00.00

F.A.P. RTE. 67	SECTION (S.W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 296
			CONTRACT NO. 92621	
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME = RGoertz	DESIGNED - RG	REVISD -
	DRAWN - RG	REVISD -
PLOT SCALE = 20,0000' / in.	CHECKED - FBN	REVISD -
PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISD -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

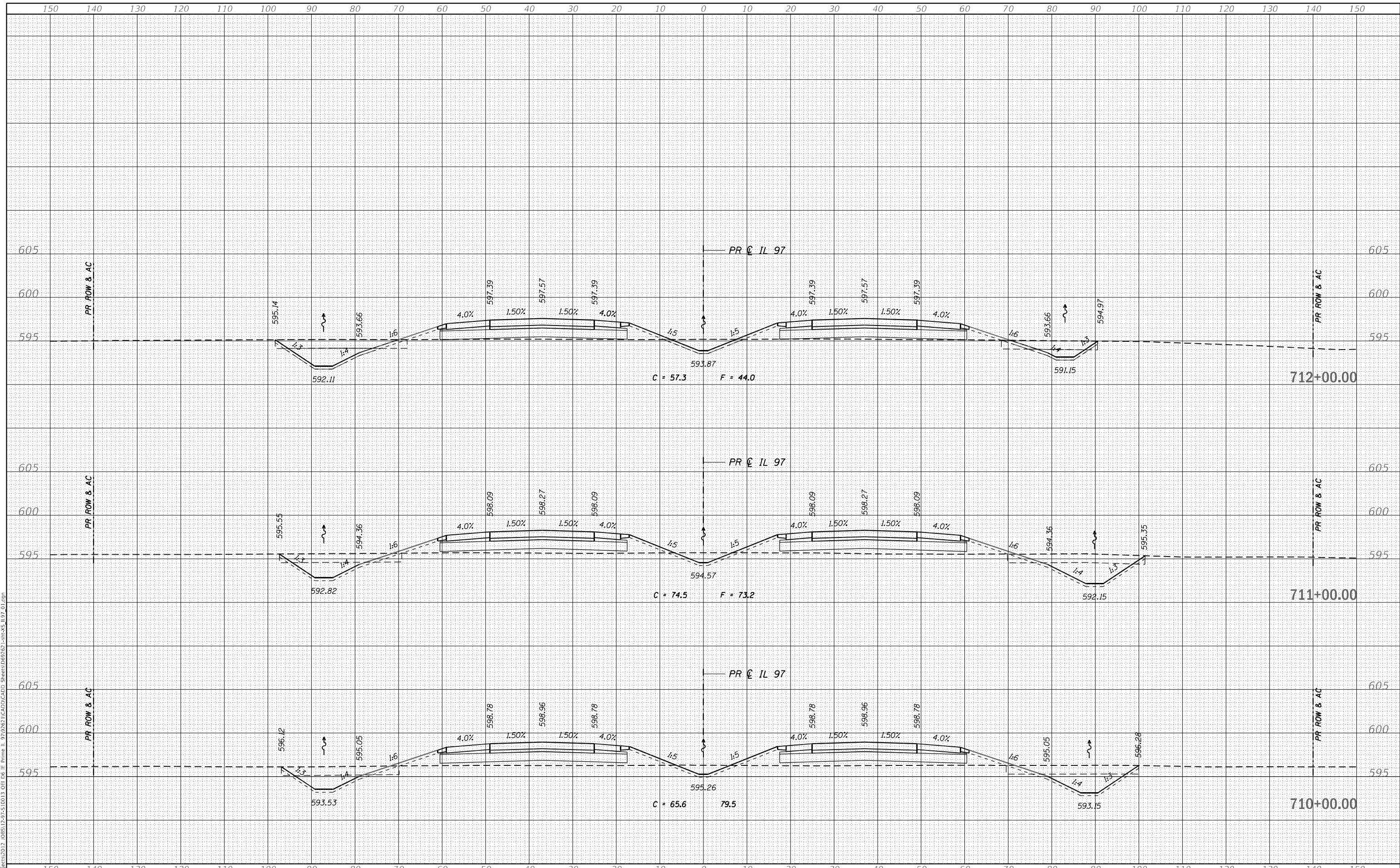
<b>IL 97 CROSS SECTIONS</b>	
SCALE: H 10 : V 5	SHEET 2 OF 72 SHEETS
STA. 707+00.00	TO STA. 709+00.00

F.A.P. RTE. 67	SECTION (S.W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 297
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				

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

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

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USER NAME =	RGertz
DESIGNED -	RG
DRAWN -	RG
CHECKED -	FBN
DATE -	05/08/2026

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

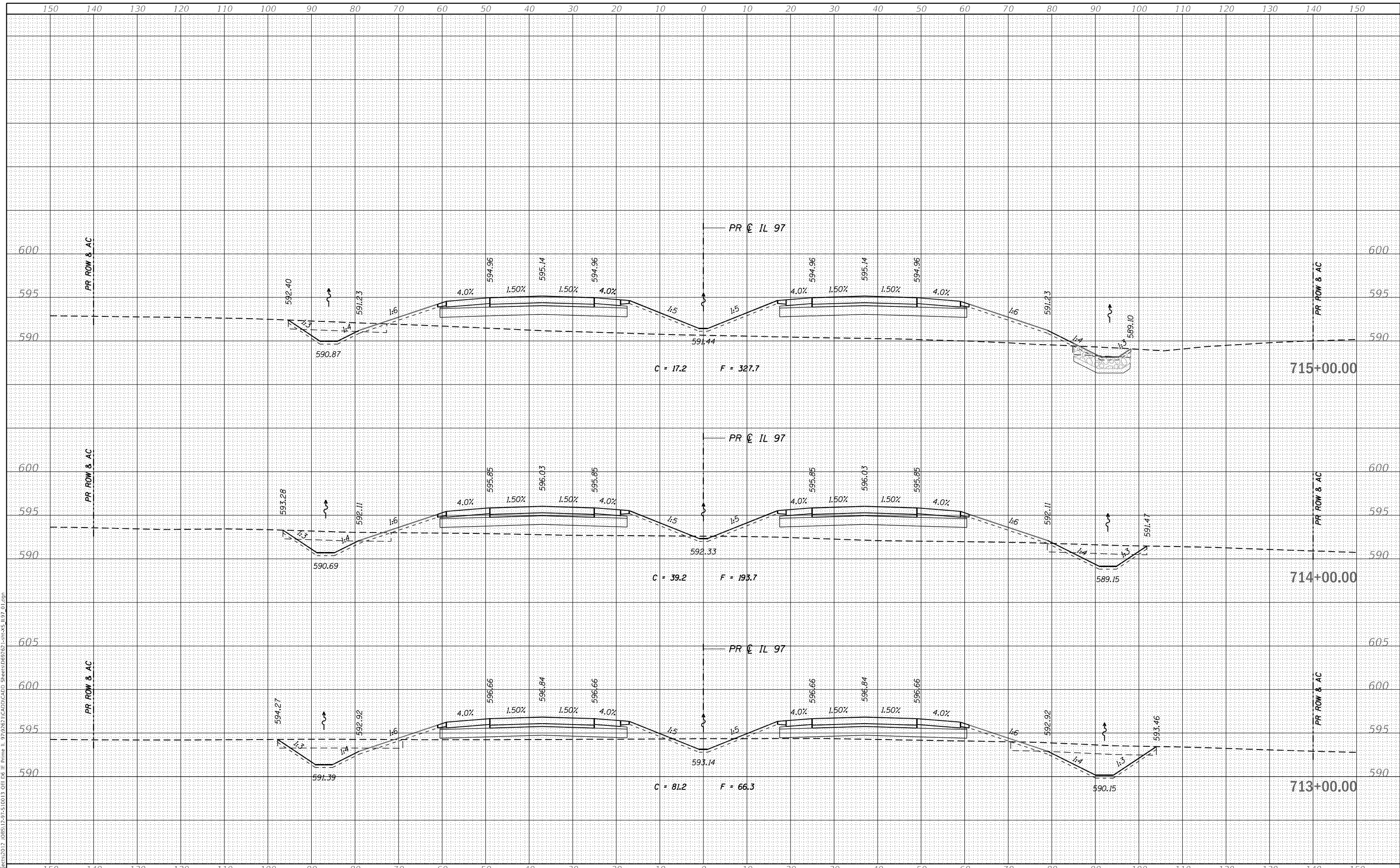
**IL 97  
 CROSS SECTIONS**  
 SCALE: H 10 : V 5 SHEET 3 OF 72 SHEETS STA. 710+00.00 TO STA. 712+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2,W-2,PB	SANGAMON	412	298
				CONTRACT NO. 92621
ILLINOIS		FED. AID PROJECT		

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

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

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USER NAME =	RGertz
DESIGNED -	RG
DRAWN -	RG
CHECKED -	FBN
DATE -	05/08/2026

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 97  
CROSS SECTIONS**

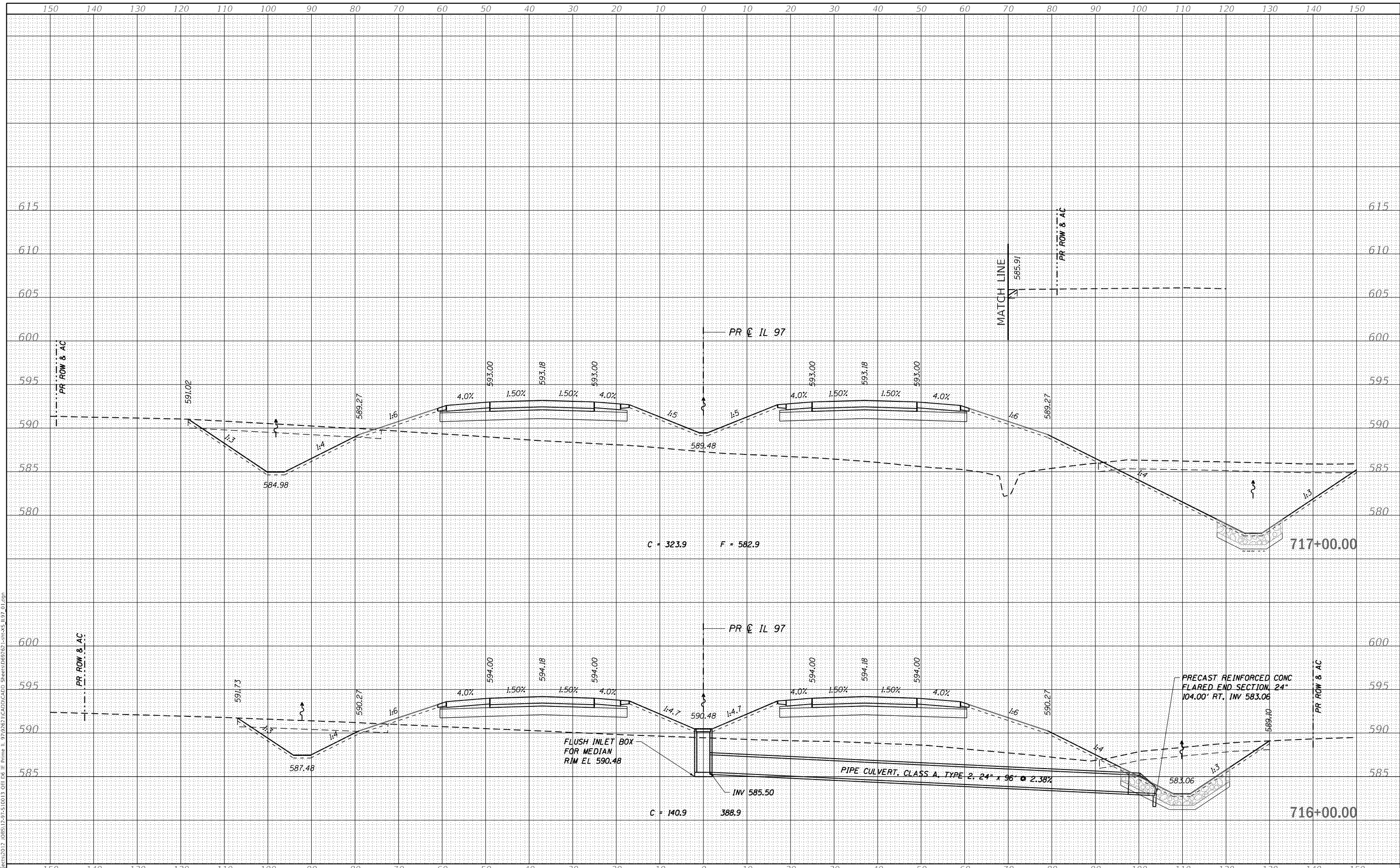
SCALE: H 10 : V 5    SHEET 4 OF 72 SHEETS    STA. 713+00.00 TO STA. 715+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(S.W)R-2,W-2,PB	SANGAMON	412	299
				CONTRACT NO. 92621
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

MODEL: D:\m\h\...  
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USER NAME = RGoertz	DESIGNED - RG	REVISD -
	DRAWN - RG	REVISD -
PLOT SCALE = 20,0000' = 1/4"	CHECKED - FBN	REVISD -
PLOT DATE = 5/8/2026	DATE - 05/08/2026	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>IL 97 CROSS SECTIONS</b>	
SCALE: H 10 : V 5	SHEET 5 OF 72 SHEETS
STA. 716+00.00	TO STA. 717+00.00

F.A.P. RTE. 67	SECTION (S.W)R-2,W-2,PB	COUNTY SANGAMON	TOTAL SHEETS 412	SHEET NO. 300
CONTRACT NO. 92621				
ILLINOIS FED. AID PROJECT				