

Support Type	Location	Proposed Panels	Plan Sheet (XX of 29)	Detail Sheet (XX of 35)	Item of Work	Suggested Installation Sequencing	Temporary Panel Modifications	Coordination Required with following Contracts
Existing Span	NB & SB 55, Mile 209.3	1 thru 5	1	1-3	Ex. Panel Removal & Pr. Panel Placement	Must occur before Relocated I-70 is opened to traffic.	Attach BLANK plate over East I-44 legend on sign panel 5 until the new I-70 bridge is opened.	76C75, 76C76, 76C43
Existing Span	NB & SB 55, Mile 0.1	6 thru 10	2	4-7	Ex. Panel Removal & Pr. Panel Placement	Must occur before Relocated I-70 is opened to traffic.	Attach BLANK plate over East I-44 legend on sign panel 10 until the new I-70 bridge is opened.	76C75, 76C76, 76C43
Existing Span	SB 55, Mile 0.3	10A	3	8	Pr. Panel Overlay	Must occur before Relocated I-70 is opened to traffic.		76C75, 76C76, 76C43
Proposed Bridge Parapet Mounted	NB 55, Mile 0.7	M4-5, M3-1, M1-I100, M6-2	4		Pr. Panel & Support Placement	Anytime		
Proposed Post Mounted	SB 55, Mile 2.0	W13-2	9		Pr. Panel & Support Placement	Anytime		
Existing Span	70 CL, STA. 195+00.00	11	11	9	Pr. Panel Placement	Must occur after the span truss is constructed in Contract 76C76, but before Relocated I-70 and ramps 55S70W and 64W70W are opened to traffic.		76C75, 76C76, 76C43
Existing Span	70E55N, STA. 57+13.00	12, 13, W1-2, W13-1	12	9-10	Pr. Panel Placement	Must occur after the span truss is constructed in Contract 76C76, but before Relocated I-70 and ramps 70E55N and 70E64E are opened to traffic.		76C76, 76C43
Proposed Cantilever	STCLR, STA. 75+44.55	14	12	10	Pr. Panel & Support Placement	Must occur before the completion of Ramp I/J construction in Contract 76C51.		76C51
Proposed Span	Ramp J, STA. 13+35.55	15, 16	12	11	Pr. Panel & Support Placement	Must occur before the completion of Ramp I/J construction in Contract 76C51.		76C51
Proposed Post Mounted	64W55S, STA. 131+35.00	W4-3R	12		Pr. Panel & Support Placement	Must occur after the completion of any final grading in Contract 76C52 in the vicinity of the proposed sign placement, but before the completion of Contract 76C52.		76C52
Proposed Post Mounted	64W55S, STA. 129+68.36	17	12	12	Pr. Panel & Support Placement	Must occur after the completion of any final grading in Contract 76C52 in the vicinity of the proposed sign placement, but before the completion of Contract 76C52.		76C52
Proposed Cantilever	STCLR, STA. 68+00.00	18	12	13	Pr. Panel & Support Placement	Must occur before movement from NB St. Clair Avenue to Ramp I/J is opened to traffic in Contract 76C51.	Place orange "CLOSED" plate until movement from NB St. Clair Avenue to Ramp I/J is opened to traffic.	76C51
Existing Span	64W55S, STA. 127+40.00	19	12	13	Ex. Panel Removal & Pr. Panel Placement	Anytime		76C52
Existing Cantilever	70E55N, STA. 69+42.00	20	12	14	Pr. Panel Placement	Must occur after the cantilever is constructed in Contract 76C76, but before Relocated I-70 and Ramp 70E55N are opened to traffic.		76C76, 76C43
Proposed Post Mounted	Collinsville Avenue	M3-4, M1-1, M6-1	12		Pr. Panel & Support Placement	Anytime		
Proposed Post Mounted	55N, STA. 70+24.00	21	13	14	Pr. Panel & Support Placement	Must occur after completion of Crash Investigation Site construction in Contract 76C52.		76C52
Proposed Post Mounted	64W55S, STA. 119+00.00	21A	13	14	Pr. Panel & Support Placement	Must occur after completion of 64W70W ramp construction and prior to opening of I-70 West Bound ramp.		76C75
Existing Span	64W, STA. 110+12.00	22	13	15	Pr. Panel Placement	Must occur after the span truss is constructed in Contract 76C52, but before Ramp 64W70W is opened to traffic.	Place orange "CLOSED" plate until Ramp 64W70W is opened to traffic. Then also remove the demountable I-70 shield from the adjacent panel placed in Contract 76C52.	76C52, 76C75
Proposed Post Mounted	64E, STA. 38+76.00	22A	14	15	Pr. Panel & Support Placement	Must occur after completion of Crash Investigation Site construction in Contract 76C52.		76C52
Proposed Post Mounted	64W, STA. 102+14.00	22B	14	15	Pr. Panel & Support Placement	Must occur after completion of Crash Investigation Site construction in Contract 76C52.		76C52
Remove Existing Bridge Mounted	64E, STA. 48+40.35	N/A	14		Demountable Lgd Char & Arr Removal	Remove immediately prior to installation of proposed panels 31 and 34.		
Existing Span	STCLR, STA. 34+75.00	23, 24	14	16	Ex. Panel Removal & Pr. Panel Placement	Must occur immediately after the movement from NB St. Clair Avenue to Ramp I/J is opened to traffic in Contract 76C51.		76C51
Existing Span	64W, STA. 93+20.00	25 thru 27	14	17-19	Ex. Panel Removal & Pr. Panel Placement	Must occur before completion of construction in Contract 76C52 and before Ramp 64W70W is opened to traffic.	Place orange "CLOSED" plate over panel 26 until Ramp 64W70W is opened to traffic. Then also remove the demountable I-70 shield from panel 25.	76C52, 76C75
Proposed Span	64W, STA. 77+03.00	28, 29	15	20-21	Pr. Panel & Support Placement	Must occur before completion of construction in Contract 76C52 and before Ramp 64W70W is opened to traffic.	Place orange "CLOSED" plate over panel 28 until Ramp 64W70W is opened to traffic. Then also remove demountable I-70 shield from panel 29.	76C52, 76C75
Proposed Cantilever	64W, STA. 68+98.98	30	16	22	Pr. Panel & Support Placement	Anytime, but must be completed along with the installation of proposed panels 32 and 35.		
Remove Existing Post Mounted	WB 64, Mile 3.8	N/A	16		Panel & Support Removal	Removal must occur immediately after Ramp 64W70W is opened to traffic.		76C75
Proposed Post Mounted	64E, STA. 76+05.17	31	16	23	Pr. Panel & Support Placement	Anytime, but must be completed along with the installation of proposed panels 33 and 34.		
Proposed Post Mounted	64W, STA. 62+62.91	32	16	23	Pr. Panel & Support Placement	Anytime, but must be completed along with the installation of proposed panels 30 and 35.		
Proposed Post Mounted	64E, STA. 85+17.96	33	17	24	Pr. Panel & Support Placement	Anytime, but must be completed along with the installation of proposed Panels 31 and 34.		
Remove Existing Post Mounted	WB 64, Mile 4.3	N/A	17		Panel & Support Removal	Removal must occur immediately after Ramp 64W70W is opened to traffic.		76C75
Proposed Cantilever	EB 64, Mile 4.3	34	17	24	Pr. Panel & Support Placement	Anytime, but must be completed along with the installation of proposed panels 31 and 33.		
Proposed Post Mounted	WB 64, Mile 4.3	35	17	25	Pr. Panel & Support Placement	Anytime, but must be completed along with the installation of proposed panels 30 and 32.		
Proposed Span	WB 64, Mile 4.5	36 thru 38	18	25-27	Pr. Panel & Support Placement	Must occur before completion of construction in Contract 76C52 and before Ramp 64W70W is opened to traffic.	Place orange "CLOSED" sign over panel 37 until Ramp 64W70W is opened to traffic. Then also remove demountable I-70 shield from panel 36.	76C52, 76C75
Proposed Post Mounted	WB 64, Mile 4.8	39	19	27	Pr. Panel & Support Placement	Anytime, but must be completed along with the installation of proposed panels 38, 40 and 41.		
Proposed Post Mounted	WB 64, Mile 4.9	40	19	28	Pr. Panel & Support Placement	Anytime, but must be completed along with the installation of proposed panels 38, 39 and 41.		
Proposed Post Mounted	WB 64, Mile 5.4	41	20	28	Pr. Panel & Support Placement	Anytime, but must be completed along with the installation of proposed panels 38, 39 and 40.		
Proposed Post Mounted	55S70W, STA. 58+20.00	M3-4, M1-1	21		Pr. Panel Placement	Must occur after the completion of any final grading in Contract 76C52 in the vicinity of the proposed sign placement, but before the completion of Contract 76C52.		76C52
Existing Span	55S, STA. 68+75.00	42, 43	22	29	Pr. Panel Placement & Ex. Overlay Removal	Placement of panel 43 must occur after the span truss is constructed in Contract 76C52, but before Ramp 55S70W is opened to traffic.	Keep existing demountable I-70 shield on panel 42 attached and place orange "CLOSED" plate over panel 43 until Ramp 55S70W is opened to traffic.	76C52, 76C75
Proposed Span	SB 55, Mile 3.6	44 thru 47	23	30-32	Pr. Panel & Support Placement	Must occur before both Ramp "O" and Ramp 55S70W are completed and opened to traffic in Contract 76C52.	Place orange "CLOSED" plate over panel 47 while Ramp O is closed to traffic in Contract 76C52; otherwise panel 47 is to remain uncovered. Place orange "CLOSED" plate over the "Louisville" half of panel 44-45 while Ramp 55S64E is closed to traffic in Contract 76C52; otherwise panel 44-45 is to remain uncovered. Place orange "CLOSED" plate over panel 46 until Ramp 55S70W is opened to traffic. Then also remove demountable I-70 shield from panel 44-45.	76C52, 76C75
Proposed Span	NB 55, Mile 3.6	48, 49	23	32-33	Pr. Panel & Support Placement	Anytime		
Proposed Post Mounted	SB 55, Mile 3.7	50	23	33	Pr. Panel & Support Placement	Must occur before Ramp O is completed and opened to traffic in Contract 76C52.	Place orange "CLOSED" plate over panel 50 while Ramp O is closed to traffic in Contract 76C52; otherwise panel 50 is to remain uncovered.	76C52
Existing Bridge Mounted	SB 55, Mile 4.0	51, 52	24	34	Ex. Panel Removal & Pr. Panel Placement	Must occur before Ramp O, Ramp 55S70W and Ramp 55S64E are completed and opened to traffic in Contract 76C52.	Place orange "CLOSED" plate over panel 51 until Ramp O, Ramp 55S70W and Ramp 55S64E are all opened to traffic. Panel 52 is to remain uncovered after installation.	76C52, 76C75
Proposed Post Mounted	SB 55, Mile 5.0	53, 54	25	35	Pr. Panel & Support Placement	Must occur before Ramp O, Ramp 55S70W and Ramp 55S64E are completed and opened to traffic in Contract 76C52.	Place orange "CLOSED" plate over panel 53 while Ramp 55S64E is closed to traffic in Contract 76C52; otherwise panel 53 is to remain uncovered. Place orange "CLOSED" plate over panel 54 until both Ramp O and Ramp 55S70W are opened to traffic.	76C52, 76C75

GENERAL NOTES:

1. THE CONTRACTOR SHALL ENSURE THAT THE PROPOSED SIGN PANELS ARE IN PLACE BEFORE REMOVING ANY OF THE CORRESPONDING EXISTING SIGN PANELS EXCEPT IN THE CASE OF SIGN PANEL REPLACEMENTS.
2. REMOVAL AND REPLACEMENT OF ALL MILE MARKERS (PAY ITEMS: REMOVE SIGN PANEL, MILE POST MARKERS ASSEMBLY) DESIGNATED IN THESE PLANS SHALL OCCUR IMMEDIATELY PRIOR TO TRAFFIC OPENING ON RELOCATED I-70.
3. THE REMOVAL OF ALL I-70 SHIELDS (PAY ITEM: DEMOUNTABLE LEGEND CHARACTERS AND ARROWS) DESIGNATED IN THESE PLANS SHALL OCCUR IMMEDIATELY PRIOR TO TRAFFIC OPENING ON RELOCATED I-70.
4. IF AN ORANGE "CLOSED" SIGN IS REQUIRED, THE CONTRACTOR SHALL ENSURE THAT THE TIMING OF THE PROPOSED PANEL PLACEMENTS ARE AS CLOSE AS POSSIBLE TO THE OPENING OF TRAFFIC ON RELOCATED I-70 AND COMPLY WITH THE INSTALLATION REQUIREMENTS SET FORTH IN THIS TABLE.

CONTRACTUAL COMPLETION DATES:

Contract	Completion Date	Cal. Days*	Description
76C43	-	-	I-70 Pavement
76C51	-	495	9th Street Structure Project
76C52	November 1, 2013	-	I-55 & I-64 Mainline Improvements
76C75	August 31, 2013	-	I-64 West to I-70 West / I-55 South to I-70 West
76C76	October 1, 2013	-	I-70 East to I-55 North / I-70 East to I-64 East

* THE COMPLETION DATE WILL BE DETERMINED BY ADDING THE SPECIFIED NUMBER OF CALENDAR DAYS TO THE DATE THE CONTRACTOR BEGINS WORK, OR TO THE DATE TEN DAYS AFTER EXECUTION OF THE CONTRACT, WHICHEVER IS THE EARLIER, UNLESS A DELAYED START IS GRANTED BY THE ENGINEER.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				TRAFFIC SIGNS	
				0021	
				URBAN	
44001980	CONCRETE BARRIER REMOVAL	FOOT	89		89
50800105	REINFORCEMENT BARS	POUND	2246		2246
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	450		450
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2		2
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2		2
63200310	GUARDRAIL REMOVAL	FOOT	200		200
63200400	CABLE ROAD GUARD REMOVAL	FOOT	32		32
63700805	CONCRETE BARRIER TRANSITION	FOOT	30		30
67100100	MOBILIZATION	L SUM	1		1
72000100	SIGN PANEL - TYPE 1	SQ FT	70		70
72000200	SIGN PANEL - TYPE 2	SQ FT	80		80
72000300	SIGN PANEL - TYPE 3	SQ FT	12418		12418
72100100	SIGN PANEL OVERLAY	SQ FT	80		80
72200100	DEMOUNTABLE LEGEND CHARACTERS AND ARROWS	EACH	4		4
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	124		124

*SPECIALTY ITEM

FILE NAME = DBTR1-76C45-sht-S00.dgn

USER NAME = mmccoonachie

DESIGNED - PMK

REVISED -

DRAWN - PMK

REVISED -

PLOT SCALE = 50.0000' / 1in.

CHECKED - MPW

REVISED -

PLOT DATE = 2/2/2012

DATE - 2/2/2012

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-15G	ST. CLAIR	145	4
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				TRAFFIC SIGNS	
				0021	URBAN
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	12	12	
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	2216	2216	
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	45	45	
72600100	MILE POST MARKER ASSEMBLY	EACH	53	53	
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	18894	18894	
73000100	WOOD SIGN SUPPORT	FOOT	121	121	
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	89	89	
73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	68	68	
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	349	349	
73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	333	333	
73302110	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE I-C-A (24" X 4'-6")	FOOT	24	24	
73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	28	28	
73302210	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE III-C-A (36" X 7'-0")	FOOT	62	62	
73400100	CONCRETE FOUNDATIONS	CU YD	35	35	

FILE NAME = DBTRI-76C45-ah-t-500.dgn

USER NAME = mroconachie

DESIGNED - PMK

REVISED -

DRAWN - PMK

REVISED -

PLOT SCALE = 50.0000' / 1"

CHECKED - MPW

REVISED -

PLOT DATE = 2/2/2012

DATE = 2/2/2012

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 2 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	5
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				TRAFFIC SIGNS
				0021
				URBAN
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	183	183
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	4	4
73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	2	2
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	12	12
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	22	22
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	16	16
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	6	6
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2
80300100	LOCATING UNDERGROUND CABLE	FOOT	100	100
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
X0326366	ELECTRICAL EQUIPMENT REMOVAL AND SALVAGE	EACH	4	4
X0327235	LOCATING UNDERGROUND UTILITIES	FOOT	100	100
X6370050	CONCRETE BARRIER WALL (SPECIAL)	FOOT	35	35

* SPECIALTY ITEM

FILE NAME = DBTRI-76C45-sh1-S00.dgn

USER NAME = mncconachio
 PLOT SCALE = 50.0000' / 1" =
 PLOT DATE = 2/2/2012

DESIGNED - PMK
 DRAWN - PMK
 CHECKED - MPW
 DATE - 2/2/2012

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-1SG	ST. CLAIR	145	6
+998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SIGNING REMOVAL SCHEDULE												
SHEET NO.	LOCATION	OFFSET/STRUCTURE	REMOVE DEMOUNTABLE LEGEND CHARACTERS AND ARROWS (EA)	REMOVE SIGN PANEL TYPE 1 (SQ FT)	REMOVE SIGN PANEL TYPE 2 (SQ FT)	REMOVE SIGN PANEL TYPE 3 (SQ FT)	REMOVE OVERHEAD SIGN STRUCTURE - SPAN (EA)	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER (EA)	REMOVE CONCRETE FOUNDATION - OVERHEAD (EA)	REMOVE GROUND-MOUNTED SIGN SUPPORT (EA)	REMOVE CONCRETE FOUNDATION - GROUND MOUNT (EA)	ELECTRICAL EQUIPMENT REMOVAL AND SALVAGE (EA)
23	SOUTH 55 MILE 209.3	TRUSS				200						1
24	SOUTH 55 MILE 0.1 (STR 8S0821055R000.1)	TRUSS				200						1
25	NORTH 55 MILE 0.3 (STR 8S0821055R000.5)	TRUSS	2									
25	NORTH 55 MILE 0.5 (STR 8S0821055R000.7)	TRUSS	1									
26	NORTH 55 MILE 0.8 (STR 8S0821055R001.0)	TRUSS	1									
27	SOUTH 55 MILE 1.0 (STR 8S0821055L001.2)	TRUSS	1									
27	NORTH 55 MILE 1.0 (STR 8S0821055R001.1)	TRUSS	1									
28	SOUTH 55 MILE 1.2 (STR 8S0821055L001.3)	TRUSS	1									
28	NORTH 55 MILE 1.2 (STR 8S0821055R001.2)	TRUSS	1									
29	SOUTH 55 MILE 1.4 (STR 8S0821055L001.6)	TRUSS	1									
29	SOUTH 55 MILE 1.6 (STR 8S0821055L001.7)	TRUSS	1									
30	NORTH 55 MILE 1.6 (STR 8S0821055R001.6)	TRUSS	1									
30	NORTH 55 MILE 1.9 (STR 8S0821055R001.7)	TRUSS	1									
30	SOUTH 55 MILE 2.0 (STR 8S0821055L001.8)	TRUSS	1									
31	55S STA 122+31.00 (STR 8S0821055L002.1)	TRUSS	1									
31	SOUTH 55 MILE 2.0	SHOULDER		7.5								
32	55S STA 110+90.00 (STR 8S0821055L002.4)	TRUSS	1									
32	55S STA 114+10.00	SHOULDER		7.5								
34	55S STA 87+61.00	SHOULDER		7.5								
32	55S STA 98+28.00	SHOULDER		7.5								
32	55N STA 61+07.00	TRUSS		7.5								
34	64W55S STA 131+19.00	SHOULDER				380			2	2		
34	64W55S STA 127+40.00 (STR 8S0821064L002.7)	TRUSS										1
34	RAMP J STA 13+35.55	TRUSS					1		4			
35	55N STA 70+76.00	SHOULDER		7.5								
35	EAST 64 MILE 3.0	SHOULDER		7.5								
35	WEST 64 MILE 3.0	SHOULDER		7.5								
36	64W STA 93+20.00 (STR 8S0821064L003.5)	TRUSS	1			464						
36	64E STA 48+40.35 (STR 8B0821064R003.4)	BRIDGE	1									
36	ST CLAIR STA 34+75.00 (STR 8S0821064R003.6)	TRUSS				657						
36	EAST 64 MILE 3.2	SHOULDER		7.5								
36	WEST 64 MILE 3.2	SHOULDER		7.5								
36	EAST 64 MILE 3.4	SHOULDER		7.5								
36	WEST 64 MILE 3.4	SHOULDER		7.5								
37	EAST 64 MILE 3.6	LIGHT POLE		7.5								
37	WEST 64 MILE 3.6	SHOULDER		7.5								
37	64W STA 77+03.00 (STR 8S0821064L003.6)	TRUSS	1									
38	EAST 64 MILE 3.8	PARAPET WALL		7.5								
38	WEST 64 MILE 3.8	PARAPET WALL		7.5								
38	64W STA 68+98.98 (STR 8C0821064L003.9)	TRUSS					1		4			
38	64W STA 67+75.00	65' RT							1	2		
38	64E STA 76+05.17	59' RT							1	2		
38	64W STA 62+62.91	79' RT							1	2		
39	64E STA 85+17.96	72' RT							1	2		
39	64W STA 50+35.00	71' RT							1	2		
39	EAST 64 MILE 4.3 (STR 8C0821064R004.3)	TRUSS					1	1	1	2		
39	WEST 64 MILE 4.3	36' FROM EOP							1	2		
40	WEST 64 MILE 4.5	TRUSS	1				1		4			
41	WEST 64 MILE 4.8	42' FROM EOP							1	2		
41	WEST 64 MILE 4.9	39' FROM EOP							1	2		
42	WEST 64 MILE 5.4	38' FROM EOP							1	2		
43	55S64E STA 14+54.00	13' RT		4								
44	55S STA 68+75.00 (STR 8S0821055L003.3)	TRUSS	1		12							
45	SOUTH 55 MILE 3.6 (STR 8S0821055L003.6)	TRUSS	1				1		2			
45	NORTH 55 MILE 3.6 (STR 8C0821055R003.6)	TRUSS						1	1			
45	SOUTH 55 MILE 3.7	37' FROM EOP								1	2	
46	SOUTH 55 MILE 4.0 (STR 8B0821055L004.0)	TRUSS				87						1
46	SOUTH 55 MILE 4.3	TRUSS				228						
48	NORTH IL RTE 3 - 190' FROM RXR	9' FROM EOP	1									
49	NORTH IL RTE 3 - 175' FROM GORE	TRUSS	1									
50	NORTH IL RTE 3 - 145' FROM BRIDGE	TRUSS	2									
50	NORTH IL RTE 3 - 200' FROM GORE	TRUSS	2									
51	PIGGOT AVE - 170' FROM GORE (STR 8S0825015L000.8)	TRUSS	2									
51	PIGGOT AVE - 145' FROM BRIDGE (STR 8S0825015L001.0)	TRUSS	2									
TOTAL			31	124	12	2216	4	2	16	12	22	4

FILE NAME = DBTRI-76C45-sht-schedule.dgn	USER NAME = mmconachue	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20.0000' / 1" =	DRAWN - PMK	REVISED -	•						82-1SG	ST. CLAIR	145	9	
PLOT DATE = 2/2/2012	CHECKED - MPW	REVISED -	*998/70/64				CONTRACT NO. 76C45						
DATE = 2/2/2012	DATE = 2/2/2012	REVISED -	SCALE: N/A		SHEET NO. 2 OF 3 SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

MILE POST MARKER ASSEMBLY SCHEDULE					
SHEET NO.	LOCATION	MILE POST MARKER ASSEMBLY (EA)	RELOCATE SIGN PANEL TYPE 1 (50 FT)	SIGN SUPPORT SPECIAL (EA)	BRIDGE MOUNTED SIGN SUPPORT (EA)
23	NORTH 55 MILE 209.4	MEDIAN	1		
23	SOUTH 55 MILE 209.4	MEDIAN	1		
24	NORTH 55 MILE 0.0	MEDIAN	1		
24	SOUTH 55 MILE 0.0	MEDIAN	1		
24	NORTH 55 MILE 0.2	MEDIAN	1		
24	SOUTH 55 MILE 0.2	MEDIAN	1		
25	NORTH 55 MILE 0.4	PARAPET WALL	1		1
25	SOUTH 55 MILE 0.4	PARAPET WALL	1		1
26	NORTH 55 MILE 0.6	PARAPET WALL	1		1
26	SOUTH 55 MILE 0.6	PARAPET WALL	1		1
26	NORTH 55 MILE 0.8	PARAPET WALL	1		1
26	SOUTH 55 MILE 0.8	PARAPET WALL	1		1
27	NORTH 55 MILE 1.0	SHOULDER	1		
27	SOUTH 55 MILE 1.0	SHOULDER	1		
28	NORTH 55 MILE 1.2	SHOULDER	1		
28	SOUTH 55 MILE 1.2	SHOULDER	1		
29	NORTH 55 MILE 1.4	SHOULDER	1		
29	SOUTH 55 MILE 1.4	PARAPET WALL	1		1
29	NORTH 55 MILE 1.6	PARAPET WALL	1		1
29	SOUTH 55 MILE 1.6	PARAPET WALL	1		1
30	NORTH 55 MILE 1.8	SHOULDER	1		
30	SOUTH 55 MILE 1.8	SHOULDER	1		
31	NORTH 55 MILE 2.0	PARAPET WALL	1		1
31	SOUTH 55 MILE 2.0	SHOULDER	1		
31	SOUTH 55 MILE 2.2	TRUSS LEG	1		
32	NORTH 55 MILE 2.4	TRUSS LEG	1		
32	SOUTH 55 MILE 2.4	TRUSS LEG	1		
33	EAST 70 MILE 2.4	SHOULDER	1		
33	WEST 70 MILE 2.4	SHOULDER	1		
34	SOUTH 55 MILE 2.6	SHOULDER	1		
34	NORTH 55 MILE 2.6	TRUSS LEG	1		
34	SOUTH 55 MILE 2.8	LT SHOULDER	1		
34	EAST 70 MILE 2.6	PARAPET WALL	1		1
34	WEST 70 MILE 2.6	PARAPET WALL	1		1
34	WEST 64 MILE 2.8	PARAPET WALL	1		1
34	EAST 64 MILE 2.8	PARAPET WALL	1		1
35	NORTH 55 MILE 2.8	SHOULDER	1		
35	EAST 70 MILE 2.8	PARAPET WALL	1		1
35	EAST 64 MILE 3.0	SHOULDER	1		
35	WEST 64 MILE 3.0	SHOULDER	1		
36	EAST 64 MILE 3.2	SHOULDER	1		
36	WEST 64 MILE 3.2	SHOULDER	1		
36	EAST 64 MILE 3.4	SHOULDER	1		
36	WEST 64 MILE 3.4	SHOULDER	1		
37	EAST 64 MILE 3.6	LIGHT POLE	1		
37	WEST 64 MILE 3.6	SHOULDER	1		
38	EAST 64 MILE 3.8	PARAPET WALL	1		1
38	WEST 64 MILE 3.8	PARAPET WALL	1		1
43	WEST 70 MILE 2.8	PARAPET WALL	1		1
43	WEST 70 MILE 3.0	SHOULDER	1		
43	EAST 70 MILE 3.0	SHOULDER	1		
43	NORTH 55 MILE 3.0	MEDIAN	1		
43	SOUTH 55 MILE 3.0	MEDIAN	1		
44	EAST 55-70 MILE 3.4	MEDIAN		7.5	
44	WEST 55-70 MILE 3.4	MEDIAN		7.5	
45	EAST 55-70 MILE 3.6	TRUSS LEG		7.5	
45	WEST 55-70 MILE 3.6	TRUSS LEG		7.5	
47	EAST 55-70 MILE 5.0	TRUSS LEG		7.5	
47	WEST 55-70 MILE 5.0	TRUSS LEG		7.5	
TOTAL			53	45	18

GUARDRAIL AND CABLE ROAD GUARD SCHEDULE								
SHEET NO.	LOCATION	GUARDRAIL REMOVAL (FOOT)	CABLE ROAD GUARD REMOVAL (FOOT)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EA)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EA)	GUARDRAIL MARKERS, TYPE A (EA)	CABLE ROAD GUARD END TERMINALS (EA)
45	NORTH I-55 MILE 3.6 TO IL ROUTE 203 RAMP (N 14,044,522 E 2,458,892)	200						
47 & 138	SOUTH I-55 MILE 5.0 (N 14,049,967 E 2,464,175)			225	1	1	3	
47 & 138	NORTH I-55 MILE 5.0 (N 14,049,967 E 2,464,175)			225	1	1	3	
47 & 138	MEDIAN - I-55 MILE 5.0 (N 14,049,967 E 2,464,175)		32					2
TOTAL		200	32	450	2	2	6	2

MEDIAN BARRIER SCHEDULE				
SHEET NO.	LOCATION	CONCRETE BARRIER TRANSITION (FT)	CONCRETE BARRIER WALL (SPECIAL) (FT)	CONCRETE BARRIER REMOVAL (FT)
137	SOUTH 55 MILE 3.6	MEDIAN	15	
137	55 MILE 3.6	MEDIAN	35	89
137	NORTH 55 MILE 3.6	MEDIAN	15	
TOTAL		30	35	89

COORDINATE TABLES

NB I-55				
POINT	CURVE	STATION	NORTHING	EASTING
PC	55N-1	50+00.00	14041334.12	2454168.10
PI	55N-1	51+92.01	14041400.74	2454348.18
PT	55N-1	53+82.93	14041433.01	2454537.47
PC	55N-2	59+63.55	14041530.58	2455109.83
PI	55N-2	62+39.34	14041576.92	2455381.70
PT	55N-2	65+13.69	14041670.46	2455641.15
PC	55N-3	77+98.77	14042106.31	2456850.06
PI	55N-3	79+77.22	14042166.83	2457017.93
PCC	55N-3, 55N-4	81+54.52	14042259.14	2457170.66
PI	55N-4	84+69.84	14042422.26	2457440.52
PCC	55N-4, 55N-5	87+79.48	14042663.80	2457643.23
PI	55N-5	89+19.86	14042771.33	2457733.48
PT	55N-5	90+59.82	14042889.92	2457808.60
POT		109+06.78	14044450.13	2458797.04

RAMP 55S70W

POINT	CURVE	STATION	NORTHING	EASTING
POT		50+00.00	14042995.94	2457811.53
PC	55S70W-1	50+98.71	14042912.70	2457758.49
PI	55S70W-1	54+34.08	14042629.87	2457578.26
PCC	55S70W-1, 55S70W-2	57+58.25	14042452.69	2457293.52
PI	55S70W-2	60+50.80	14042298.13	2457045.13
PCC	55S70W-2, 55S70W-3	63+40.22	14042210.65	2456765.97
PI	55S70W-3	67+79.76	14042079.20	2456346.55
PT	55S70W-3	71+89.66	14042221.72	2455930.76
PC	55S70W-4	74+57.77	14042308.66	2455677.13
PI	55S70W-4	81+39.12	14042529.58	2455032.59
PT	55S70W-4	87+95.40	14043017.99	2454557.52

COORDINATE TABLES

SB I-55				
POINT	CURVE	STATION	NORTHING	EASTING
POT		50+00.00	14044468.14	2458768.42
PC	55S-1	62+40.06	14043418.65	2458107.87
PI	55S-1	64+62.70	14043230.22	2457989.28
PT	55S-1	66+85.34	14043042.46	2457869.64
PC	55S-2	68+56.88	14042897.80	2457777.45
PI	55S-2	71+51.26	14042649.53	2457619.25
PCC	55S-2, 55S-3	74+40.19	14042466.69	2457388.53
PI	55S-3	78+46.09	14042214.59	2457070.41
PCC	55S-3, 55S-4	82+39.72	14042116.16	2456676.63
PI	55S-4	85+55.05	14042039.69	2456370.72
PT	55S-4	88+58.42	14042111.87	2456063.77
PC	55S-5	91+38.81	14042176.06	2455790.82
PI	55S-5	93+80.20	14042231.32	2455555.85
PCC	55S-5, 55S-6	96+10.13	14042159.69	2455325.33
PI	55S-6	97+85.47	14042107.66	2455157.89
PT	55S-6	99+58.71	14042013.10	2455010.23

RAMP 55S64E

POINT	CURVE	STATION	NORTHING	EASTING
PC	55S64E-1	8+69.30	14,042,199.04	2,456,991.53
PI	55S64E-1	11+75.03	14,042,075.28	2,456,711.97
PT	55S64E-1	14+78.67	14,042,010.30	2,456,413.23
PC	55S64E-2	17+24.63	14,041,958.02	2,456,172.88
PI	55S64E-2	22+26.88	14,041,851.28	2,455,682.11
PT	55S64E-2	23+25.78	14,041,484.71	2,456,025.44
POT		26+70.53	14,041,233.09	2,456,261.11

PROP. CURVE 55S-1
PI STA. = 64+62.70
Δ = 0° 19' 12" (RT)
D = 0° 04' 19"
R = 79,694.32'
T = 222.64'
L = 445.28'
E = 0.31'
P.C. STA = 62+40.06
P.T. STA = 66+85.34

PROP. CURVE 55S-2
PI STA. = 71+51.26
Δ = 19° 05' 52" (RT)
D = 3° 16' 27"
R = 1,750.00'
T = 294.38'
L = 583.31'
E = 24.59'
P.C. STA = 68+56.88
P.T. STA = 74+40.19

PROP. CURVE 55S-3
PI STA. = 78+46.09
Δ = 24° 21' 42" (RT)
D = 3° 02' 49"
R = 1,880.42'
T = 405.90'
L = 799.54'
E = 43.31'
P.C. STA = 74+40.19
P.T. STA = 82+39.72

PROP. CURVE 55S-4
PI STA. = 85+55.05
Δ = 27° 16' 06" (RT)
D = 4° 24' 27"
R = 1,300.00'
T = 315.32'
L = 618.70'
E = 37.70'
P.C. STA = 82+39.72
P.T. STA = 88+58.42

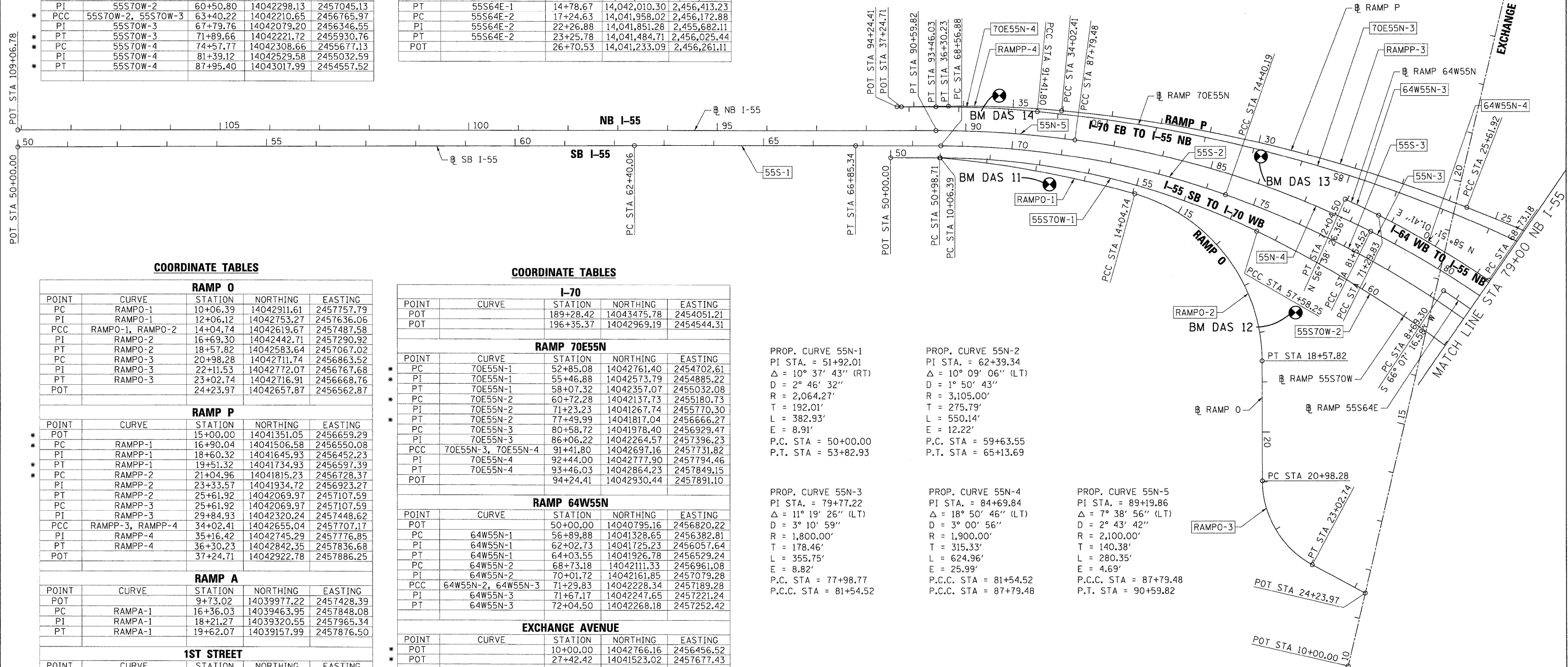
PROP. CURVE 55S-5
PI STA. = 93+80.20
Δ = 30° 29' 46" (LT)
D = 6° 28' 13"
R = 885.51'
T = 241.39'
L = 471.32'
E = 32.31'
P.C. STA = 91+38.81
P.T. STA = 96+10.13

PROP. CURVE 55S-6
PI STA. = 97+85.47
Δ = 15° 22' 19" (LT)
D = 4° 24' 36"
R = 1,299.24'
T = 175.34'
L = 348.58'
E = 11.78'
P.C. STA = 96+10.13
P.T. STA = 99+58.71

PROP. CURVE 55S64E-1
PI STA. = 11+75.03
Δ = 11° 36' 29" (RT)
D = 1° 54' 18"
R = 3,007.76'
T = 305.73'
L = 609.36'
E = 15.50'
P.C. STA = 8+69.30
P.T. STA = 14+78.67

PROP. CURVE 55S64E-2
PI STA. = 22+26.88
Δ = 120° 51' 16" (LT)
D = 20° 06' 14"
R = 285.00'
T = 502.25'
L = 601.15'
E = 292.47'
P.C. STA = 17+24.63
P.T. STA = 23+25.78

POT STA 50+00.00
POT STA 109+06.78



COORDINATE TABLES

RAMP O				
POINT	CURVE	STATION	NORTHING	EASTING
PC	RAMPO-1	10+06.39	14042911.61	2457757.79
PI	RAMPO-1	12+06.12	14042753.27	2457636.06
PCC	RAMPO-1, RAMPO-2	14+04.74	14042619.67	2457487.58
PI	RAMPO-2	16+69.30	14042442.71	2457290.92
PT	RAMPO-2	18+57.82	14042583.64	2457067.02
PC	RAMPO-3	20+98.28	14042711.74	2456863.52
PI	RAMPO-3	22+11.53	14042772.07	2456767.68
PT	RAMPO-3	23+02.74	14042716.91	2456668.76
POT		24+23.97	14042657.87	2456562.87

RAMP P

POINT	CURVE	STATION	NORTHING	EASTING
POT		15+00.00	14041351.05	2456659.29
PC	RAMPP-1	16+90.04	14041506.58	2456550.08
PI	RAMPP-1	18+60.32	14041645.93	2456452.23
PT	RAMPP-1	19+51.32	14041734.93	2456597.39
PC	RAMPP-2	21+04.96	14041815.23	2456728.37
PI	RAMPP-2	23+33.57	14041934.72	2456923.27
PT	RAMPP-2	25+61.92	14042069.97	2457107.59
PC	RAMPP-3	25+61.92	14042069.97	2457107.59
PI	RAMPP-3	29+84.93	14042320.24	2457448.62
PCC	RAMPP-3, RAMPP-4	34+02.41	14042655.04	2457707.17
PI	RAMPP-4	35+16.42	14042745.29	2457776.85
PT	RAMPP-4	36+30.23	14042842.35	2457836.68
POT		37+24.71	14042922.78	2457886.25

RAMP A

POINT	CURVE	STATION	NORTHING	EASTING
POT		9+73.02	14039977.22	2457428.39
PC	RAMPA-1	16+36.03	14039463.95	2457848.08
PI	RAMPA-1	18+21.27	14039320.55	2457965.34
PT	RAMPA-1	19+62.07	14039157.99	2457876.50

1ST STREET

POINT	CURVE	STATION	NORTHING	EASTING
POT		5+00.00	14042975.09	2454071.58
POT		10+21.57	14043343.28	2454440.99

COORDINATE TABLES

I-70				
POINT	CURVE	STATION	NORTHING	EASTING
POT		189+28.42	14043475.78	2454051.21
POT		196+35.37	14042969.19	2454544.31

RAMP 70E55N

POINT	CURVE	STATION	NORTHING	EASTING
PC	70E55N-1	52+85.08	14042761.40	2454702.61
PI	70E55N-1	55+46.88	14042573.79	2454885.22
PT	70E55N-1	58+07.32	14042357.07	2455032.08
PC	70E55N-2	60+72.28	14042137.73	2455180.73
PI	70E55N-2	71+23.23	14041267.74	2455770.30
PT	70E55N-2	77+49.99	14041817.04	2456666.27
PC	70E55N-3	80+58.72	14041978.40	2456929.47
PI	70E55N-3	86+06.22	14042264.57	2457396.23
PCC	70E55N-3, 70E55N-4	91+41.80	14042697.16	2457731.82
PI	70E55N-4	92+44.00	14042777.90	2457794.46
PT	70E55N-4	93+46.03	14042864.23	2457849.15
POT		94+24.41	14042930.44	2457891.10

RAMP 64W55N

POINT	CURVE	STATION	NORTHING	EASTING
POT		50+00.00	14040795.16	2456820.22
PC	64W55N-1	56+89.88	14041328.65	2456382.81
PI	64W55N-1	62+02.73	14041725.23	2456057.64
PT	64W55N-1	64+03.55	14041926.78	2456529.24
PC	64W55N-2	68+73.18	14042111.33	2456961.08
PI	64W55N-2	70+01.72	14042161.85	2457079.28
PCC	64W55N-2, 64W55N-3	71+29.83	14042228.34	2457189.28
PI	64W55N-3	71+67.17	14042247.65	2457221.24
PT	64W55N-3	72+04.50	14042268.18	2457252.42

EXCHANGE AVENUE

POINT	CURVE	STATION	NORTHING	EASTING
POT		10+00.00	14042766.16	2456456.52
POT		27+42.42	14041523.02	2457677.43

* THREE-POINT TIE SET FOR THIS POINT

PROP. CURVE 55N-1
PI STA. = 51+92.01
Δ = 10° 37' 43" (RT)
D = 2° 46' 32"
R = 2,064.27'
T = 192.01'
L = 382.93'
E = 8.91'
P.C. STA = 50+00.00
P.T. STA = 53+82.93

PROP. CURVE 55N-2
PI STA. = 62+39.34
Δ = 10° 09' 06" (LT)
D = 1° 50' 43"
R = 3,105.00'
T = 275.79'
L = 550.14'
E = 12.22'
P.C. STA = 59+63.55
P.T. STA = 65+13.69

PROP. CURVE 55N-3
PI STA. = 79+77.22
Δ = 11° 19' 26" (LT)
D = 3° 10' 59"
R = 1,800.00'
T = 178.46'
L = 355.75'
E = 8.82'
P.C. STA = 77+98.77
P.C.C. STA = 81+54.52

PROP. CURVE 55N-4
PI STA. = 84+69.84
Δ = 18° 50' 46" (LT)
D = 3° 00' 56"
R = 1,900.00'
T = 315.33'
L = 624.96'
E = 25.99'
P.C.C. STA = 81+54.52
P.C.C. STA = 87+79.48

PROP. CURVE 55N-5
PI STA. = 89+19.86
Δ = 7° 38' 56" (LT)
D = 2° 43' 42"
R = 2,100.00'
T = 140.38'
L = 280.35'
E = 4.69'
P.C.C. STA = 87+79.48
P.T. STA = 90+59.82



PROP. CURVE 64W-1
PI STA. = 73+67.12
Δ = 6° 45' 48" (RT)
D = 1° 27' 01"
R = 3,950.66'
T = 233.44'
L = 466.34'
E = 6.89'
P.C.C. STA = 71+33.67
P.C.C. STA = 76+00.02

PROP. CURVE 64W-2
PI STA. = 79+29.11
Δ = 9° 39' 54" (RT)
D = 1° 28' 19"
R = 3,892.58'
T = 329.09'
L = 656.62'
E = 13.89'
P.C.C. STA = 76+00.02
P.C.C. STA = 82+56.64

PROP. CURVE 64W-3
PI STA. = 83+20.10
Δ = 2° 30' 26" (RT)
D = 1° 58' 33"
R = 2,900.00'
T = 179.97'
L = 126.91'
E = 0.69'
P.C.C. STA = 82+56.64
P.C.C. STA = 83+83.54

PROP. CURVE 64W-4
PI STA. = 85+63.51
Δ = 4° 34' 49" (RT)
D = 1° 16' 24"
R = 4,500.00'
T = 179.97'
L = 359.74'
E = 3.60'
P.C.C. STA = 83+83.54
P.C.C. STA = 87+43.28

PROP. CURVE 64W-5
PI STA. = 88+27.34
Δ = 3° 30' 05" (RT)
D = 2° 05' 01"
R = 2,750.00'
T = 164.57'
L = 168.06'
E = 1.28'
P.C.C. STA = 87+43.28
P.C.C. STA = 89+11.35

PROP. CURVE 64W-6
PI STA. = 90+75.92
Δ = 3° 21' 59" (RT)
D = 1° 01' 23"
R = 5,600.16'
T = 164.57'
L = 329.05'
E = 2.42'
P.C.C. STA = 89+11.35
P.T. STA = 92+40.39

PROP. CURVE 64E-1
PI STA. = 41+07.48
Δ = 1° 00' 00" (RT)
D = 0° 28' 39"
R = 12,000.00'
T = 104.72'
L = 209.44'
E = 0.46'
P.C.C. STA = 40+02.75
P.T. STA = 42+12.19

PROP. CURVE 64E-2
PI STA. = 46+54.23
Δ = 0° 56' 39" (LT)
D = 0° 28' 39"
R = 12,000.00'
T = 198.73'
L = 197.74'
E = 0.41'
P.C. STA = 45+55.36
P.T. STA = 47+53.10

PROP. CURVE 64E-3
PI STA. = 53+19.44
Δ = 6° 19' 10" (LT)
D = 1° 35' 30"
R = 3,600.00'
T = 198.73'
L = 397.06'
E = 5.48'
P.C. STA = 51+20.71
P.C.C. STA = 55+17.76

PROP. CURVE 64E-4
PI STA. = 58+88.81
Δ = 10° 35' 58" (LT)
D = 1° 25' 57"
R = 4,000.00'
T = 371.05'
L = 739.97'
E = 17.17'
P.C.C. STA = 55+17.76
P.C.C. STA = 62+57.74

PROP. CURVE 64E-5
PI STA. = 67+01.39
Δ = 13° 31' 16" (LT)
D = 1° 31' 51"
R = 3,742.50'
T = 443.65'
L = 883.18'
E = 26.20'
P.C.C. STA = 62+57.74
P.T. STA = 71+40.92

PROP. CURVE 55N64E-1
PI STA. = 51+86.43
Δ = 10° 37' 29" (RT)
D = 2° 51' 28"
R = 2,005.00'
T = 186.43'
L = 371.80'
E = 8.65'
P.C. STA = 50+00.00
P.T. STA = 53+71.80

PROP. CURVE 55N64E-2
PI STA. = 57+08.92
Δ = 2° 17' 42" (RT)
D = 1° 08' 45"
R = 5,000.00'
T = 100.16'
L = 200.29'
E = 1.00'
P.C. STA = 56+08.76
P.T. STA = 58+09.05

PROP. CURVE 55N64E-3
PI STA. = 67+43.14
Δ = 53° 06' 29" (RT)
D = 6° 49' 15"
R = 840.00'
T = 512.85'
L = 778.61'
E = 99.06'
e = 6.0%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 152'
T.R. REMOVAL = 0'
S.E. RUN REMOVAL = 180'
P.C. STA = 63+23.34
P.T. STA = 71+01.95

PROP. CURVE 64W55N-1
PI STA. = 62+02.73
Δ = 106° 12' 31" (RT)
D = 14° 52' 55"
R = 385.00'
T = 419.80'
L = 713.67'
E = 256.28'
e = 6.00%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 103'
T.R. REMOVAL = 0'
S.E. RUN REMOVAL = 105'
P.C. STA = 56+89.88
P.T. STA = 64+03.55

PROP. CURVE 64W55N-2
PI STA. = 70+01.72
Δ = 8° 00' 34" (LT)
D = 3° 07' 14"
R = 1,836.00'
T = 128.54'
L = 256.65'
E = 4.49'
e = 3.70%
T.R. ATTAINMENT = 71'
S.E. RUN ATTAINMENT = 132'
T.R. REMOVAL = 0'
S.E. RUN REMOVAL = 0'
P.C. STA = 68+73.18
P.C.C. STA = 71+29.83

PROP. CURVE 64W55N-3
PI STA. = 71+67.17
Δ = 2° 12' 35" (LT)
D = 2° 57' 34"
R = 1,936.00'
T = 37.34'
L = 74.67'
E = 0.36'
e = 3.70%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 0'
T.R. REMOVAL = 0'
S.E. RUN REMOVAL = 0'
P.C. STA = 71+29.83
P.T. STA = 72+04.50

PROP. CURVE 64W70W-1
PI STA. = 59+84.84
Δ = 12° 18' 03" (RT)
D = 4° 01' 15"
R = 1,425.00'
T = 153.56'
L = 305.93'
E = 8.25'
e = 5.10%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 115'
T.R. REMOVAL = 0'
S.E. RUN REMOVAL = 115'
P.C. STA = 58+31.29
P.T. STA = 61+37.22

PROP. CURVE 64W70W-2
PI STA. = 69+02.97
Δ = 25° 20' 51" (LT)
D = 4° 23' 14"
R = 1,306.00'
T = 293.69'
L = 577.77'
E = 32.62'
e = -5.40%
T.R. ATTAINMENT = 48'
S.E. RUN ATTAINMENT = 221'
T.R. REMOVAL = 48'
S.E. RUN REMOVAL = 221'
P.C. STA = 66+09.28
P.T. STA = 71+87.05

PROP. CURVE 64W70W-3
PI STA. = 82+62.48
Δ = 12° 26' 00" (RT)
D = 1° 47' 26"
R = 3,200.00'
T = 348.57'
L = 694.41'
E = 18.93'
e = 3.50%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 64'
T.R. REMOVAL = 36'
S.E. RUN REMOVAL = 120'
P.C. STA = 79+13.90
P.T. STA = 86+08.31

PROP. CURVE 70E64E-1
PI STA. = 49+22.39
Δ = 14° 20' 13" (RT)
D = 1° 56' 04"
R = 2,962.00'
T = 372.53'
L = 741.17'
E = 23.33'
e = 3.40%
T.R. ATTAINMENT = 0.00'
S.E. RUN ATTAINMENT = 61.00'
T.R. REMOVAL = 0.00'
S.E. RUN REMOVAL = 61.00'
P.C. STA = 45+49.86
P.T. STA = 52+91.03

PROP. CURVE 70E64E-2
PI STA. = 58+60.45
Δ = 27° 33' 46" (LT)
D = 4° 32' 50"
R = 1,260.00'
T = 309.05'
L = 606.14'
E = 37.35'
e = 5.60%
T.R. ATTAINMENT = 48.00'
S.E. RUN ATTAINMENT = 179.00'
T.R. REMOVAL = 48.00'
S.E. RUN REMOVAL = 179.00'
P.C. STA = 55+51.40
P.T. STA = 61+57.54

PROP. CURVE 70E64E-3
PI STA. = 69+25.22
Δ = 12° 02' 09" (RT)
D = 6° 49' 15"
R = 840.00'
T = 88.55'
L = 176.46'
E = 4.65'
e = 6.00%
T.R. ATTAINMENT = 0.00'
S.E. RUN ATTAINMENT = 144.00'
T.R. REMOVAL = 0.00'
S.E. RUN REMOVAL = 128.00'
P.C. STA = 68+36.66
P.T. STA = 70+13.12

PROP. CURVE 64W55S-1
PI STA. = 115+59.46
Δ = 11° 35' 21" (RT)
D = 2° 46' 04"
R = 2,070.00'
T = 210.07'
L = 418.70'
E = 10.63'
P.C. STA = 113+49.39
P.T. STA = 117+68.09

PROP. CURVE 64W55S-2
PI STA. = 126+23.96
Δ = 69° 27' 35" (LT)
D = 7° 34' 58"
R = 755.61'
T = 523.79'
L = 916.03'
E = 163.79'
P.C. STA = 121+00.17
P.C.C. STA = 130+16.20

PROP. CURVE 64W55S-3
PI STA. = 131+97.14
Δ = 17° 49' 53" (LT)
D = 4° 58' 04"
R = 1,153.36'
T = 180.94'
L = 358.95'
E = 14.11'
P.C.C. STA = 130+16.20
P.T. STA = 133+75.15

PROP. CURVE 64W70W-1
PI STA. = 59+84.84
Δ = 12° 18' 03" (RT)
D = 4° 01' 15"
R = 1,425.00'
T = 153.56'
L = 305.93'
E = 8.25'
e = 5.10%
P.C. STA = 58+31.29
P.T. STA = 61+37.22

PROP. CURVE 64W70W-2
PI STA. = 69+02.97
Δ = 25° 20' 51" (LT)
D = 4° 23' 14"
R = 1,306.00'
T = 293.69'
L = 577.77'
E = 32.62'
e = -5.40%
P.C. STA = 66+09.28
P.T. STA = 71+87.05

PROP. CURVE 64W70W-3
PI STA. = 82+62.48
Δ = 12° 26' 00" (RT)
D = 1° 47' 26"
R = 3,200.00'
T = 348.57'
L = 694.41'
E = 18.93'
e = 3.50%
P.C. STA = 79+13.90
P.T. STA = 86+08.31

PROP. CURVE 70E55N-1
PI STA. = 55+46.88
Δ = 10° 06' 07" (RT)
D = 1° 56' 04"
R = 2,962.00'
T = 261.80'
L = 522.24'
E = 11.55'
e = 3.40%
P.C. STA = 52+85.08
P.T. STA = 58+07.32

PROP. CURVE 70E55N-2
PI STA. = 71+23.23
Δ = 87° 23' 14" (LT)
D = 5° 12' 31"
R = 1,100.00'
T = 1,050.95'
L = 1,677.71'
E = 421.34'
e = 5.80%
P.C. STA = 60+72.28
P.T. STA = 77+49.99

PROP. CURVE 70E55N-3
PI STA. = 86+06.22
Δ = 20° 41' 07" (LT)
D = 1° 54' 35"
R = 3,000.00'
T = 547.50'
L = 1,083.08'
E = 49.55'
e = 3.40%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 50'
P.C. STA = 80+58.72
P.C.C. STA = 91+41.80

PROP. CURVE 70E55N-4
PI STA. = 92+44.00
Δ = 5° 26' 52" (LT)
D = 2° 40' 03"
R = 2,148.00'
T = 102.19'
L = 204.23'
E = 2.43'
e = 4.20%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 29'
T.R. REMOVAL = 43'
S.E. RUN REMOVAL = 151'
P.C.C. STA = 91+41.80
P.T. STA = 93+46.03

PROP. CURVE 55S70W-1
PI STA. = 54+34.08
Δ = 25° 36' 07" (RT)
D = 3° 52' 55"
R = 1,476.00'
T = 335.37'
L = 659.54'
E = 37.62'
e = 5.00%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 107'
P.C. STA = 50+98.71
P.C.C. STA = 57+58.25

PROP. CURVE 55S70W-2
PI STA. = 60+50.80
Δ = 14° 29' 29" (RT)
D = 2° 29' 24"
R = 2,301.00'
T = 292.55'
L = 581.97'
E = 18.52'
e = 4.00%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 36'
P.C.C. STA = 57+58.25
P.C.C. STA = 63+40.22

PROP. CURVE 55S70W-3
PI STA. = 67+79.76
Δ = 36° 19' 13" (RT)
D = 4° 16' 33"
R = 1,340.00'
T = 439.54'
L = 849.44'
E = 70.25'
e = 5.30%
P.C. STA = 63+40.22
P.T. STA = 71+89.66

PROP. CURVE 55S70W-4
PI STA. = 81+39.12
Δ = 26° 52' 21" (RT)
D = 2° 00' 32"
R = 2,852.00'
T = 681.35'
L = 1,337.63'
E = 80.26'
e = 3.50%
P.C. STA = 74+57.77
P.T. STA = 87+95.40

PROP. CURVE RAMPK-1
PI STA. = 13+46.02
Δ = 18° 44' 17" (LT)
D = 9° 52' 43"
R = 580.00'
T = 95.70'
L = 189.68'
E = 7.84'
P.C. STA = 12+50.32
P.T. STA = 14+40.00

PROP. CURVE RAMPK-2
PI STA. = 19+02.19
Δ = 42° 22' 31" (RT)
D = 11° 01' 06"
R = 520.00'
T = 201.57'
L = 384.59'
E = 37.70'
P.C. STA = 17+00.63
P.T. STA = 20+85.21

PROP. CURVE RAMPK-3
PI STA. = 21+68.45
Δ = 27° 30' 47" (RT)
D = 16° 51' 06"
R = 340.00'
T = 83.24'
L = 163.27'
E = 10.04'
P.C. STA = 20+85.21
P.T. STA = 22+48.48

PROP. CURVE RAMPK-1
PI STA. = 18+60.32
Δ = 93° 33' 51" (RT)
D = 35° 48' 36"
R = 160.00'
T = 170.28'
L = 261.28'
E = 73.65'
e = 8.00%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 138'
T.R. REMOVAL = 46'
S.E. RUN REMOVAL = 183'
P.C. STA = 16+90.04
P.T. STA = 19+51.32

PROP. CURVE RAMPK-2
PI STA. = 23+33.57
Δ = 4° 45' 38" (LT)
D = 1° 02' 30"
R = 5,000.00'
T = 228.62'
L = 456.97'
E = 4.75'
e = 8.00%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 6'
P.C. STA = 21+04.96
P.C.C. STA = 25+61.92

PROP. CURVE RAMPK-3
PI STA. = 29+84.93
Δ = 16° 03' 07" (LT)
D = 1° 54' 35"
R = 3,000.00'
T = 423.01'
L = 840.48'
E = 29.68'
e = 3.40%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 38'
P.C. STA = 25+61.92
P.C.C. STA = 34+02.41

PROP. CURVE RAMPK-4
PI STA. = 35+16.42
Δ = 6° 01' 47" (LT)
D = 2° 38' 48"
R = 2,164.81'
T = 114.02'
L = 227.82'
E = 3.00'
e = 4.20%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 29'
T.R. REMOVAL = 43'
S.E. RUN REMOVAL = 151'
P.C.C. STA = 34+02.41
P.T. STA = 36+30.23

PROP. CURVE RAMPK-1
PI STA. = 12+06.12
Δ = 10° 27' 51" (RT)
D = 2° 37' 37"
R = 350.00'
T = 199.73'
L = 398.35'
E = 9.13'
e = 5.00%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 106'
P.C. STA = 10+06.39
P.C.C. STA = 14+04.74

PROP. CURVE RAMPK-2
PI STA. = 16+69.30
Δ = 74° 10' 12" (RT)
D = 16° 22' 13"
R = 2,181.17'
T = 264.56'
L = 453.08'
E = 88.74'
e = 8.00%
T.R. ATTAINMENT = 0'
S.E. RUN ATTAINMENT = 77'
T.R. REMOVAL = EXIST.
S.E. RUN REMOVAL = EXIST.
P.C.C. STA = 14+04.74
P.T. STA = 18+57.82

PROP. CURVE RAMPK-3
PI STA. = 22+11.53
Δ = 61° 19' 55" (LT)
D = 29° 59' 52"
R = 191.00'
T = 113.25'
L = 326.04'
E = 31.05'
e = 6.00%
T.R. ATTAINMENT = EXIST.
S.E. RUN ATTAINMENT = EXIST.
T.R. REMOVAL = EXIST.
S.E. RUN REMOVAL = EXIST.
P.C. STA = 20+98.28
P.T. STA = 23+02.74

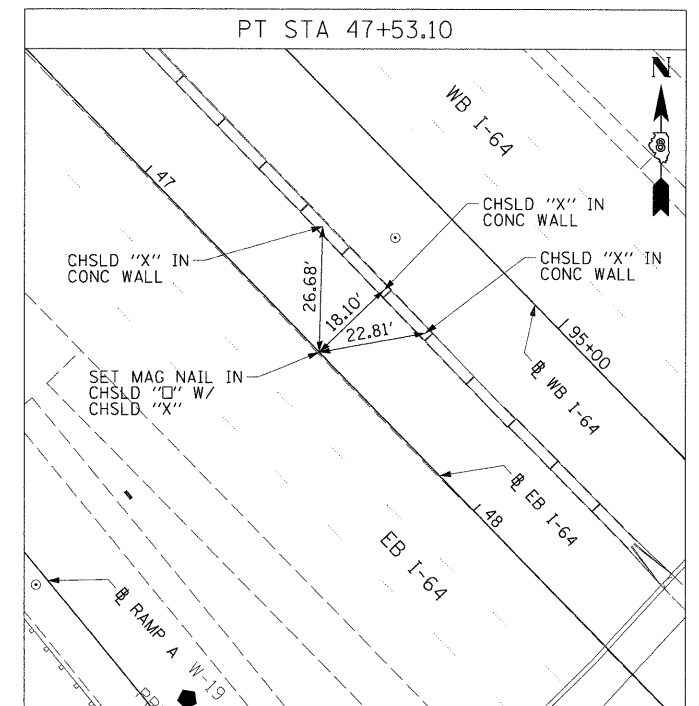
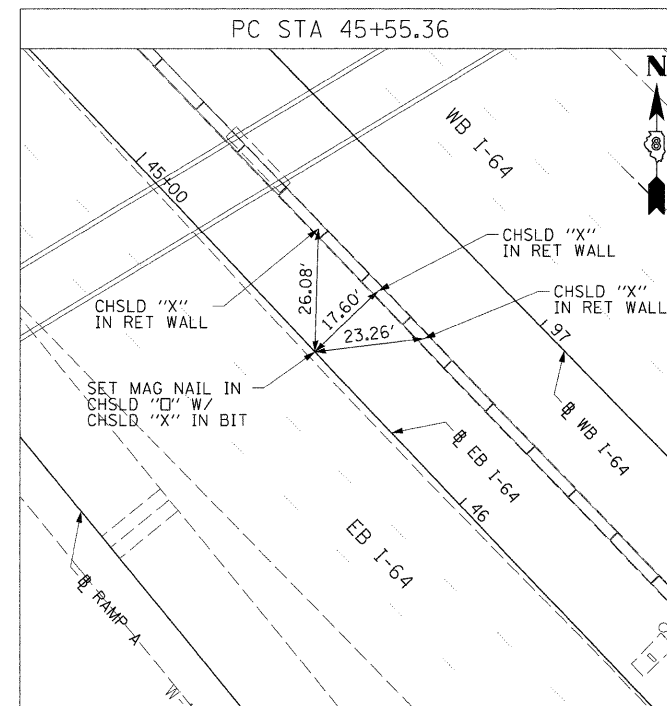
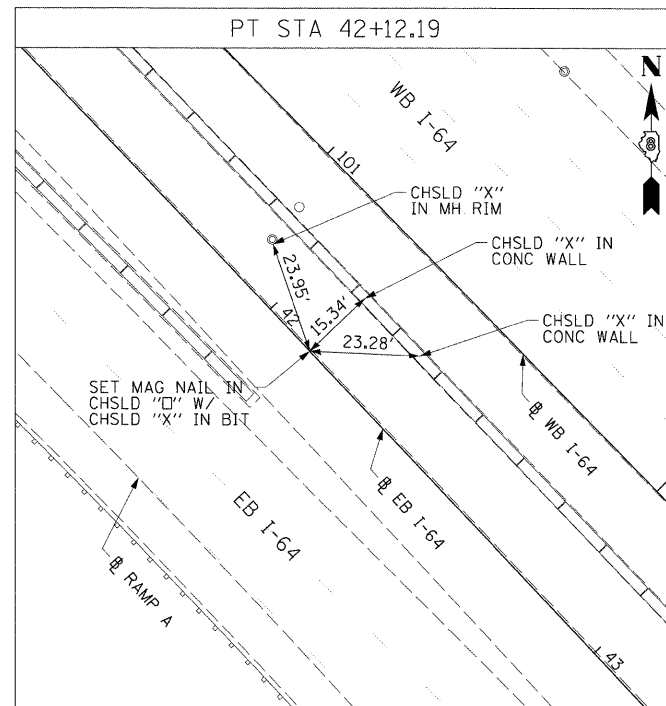
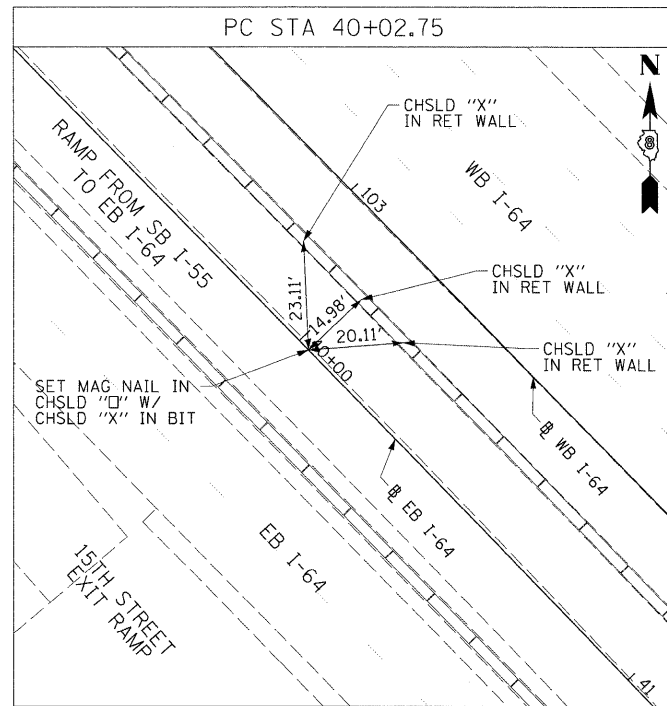
PROP. CURVE RAMPK-1
PI STA. = 18+21.27
Δ = 67° 55' 49" (RT)
D = 20° 50' 05"
R = 275.00'
T = 185.25'
L = 326.04'
E = 56.57'
e = 7.90%
T.R. ATTAINMENT = 0.00'
S.E. RUN ATTAINMENT = 143.00'
T.R. REMOVAL = 0.00'
S.E. RUN REMOVAL = 106.00'
P.C. STA = 16+36.03
P.T. STA = 19+62.07

PROP. CURVE RAMPK-2
PI STA. = 12+04.26
Δ = 67° 24' 17" (RT)
D = 22° 28' 08"
R = 255.00'
T = 170.08'
L = 299.99'
E = 51.52'
P.C. STA = 10+34.18
P.T. STA = 13+34.17

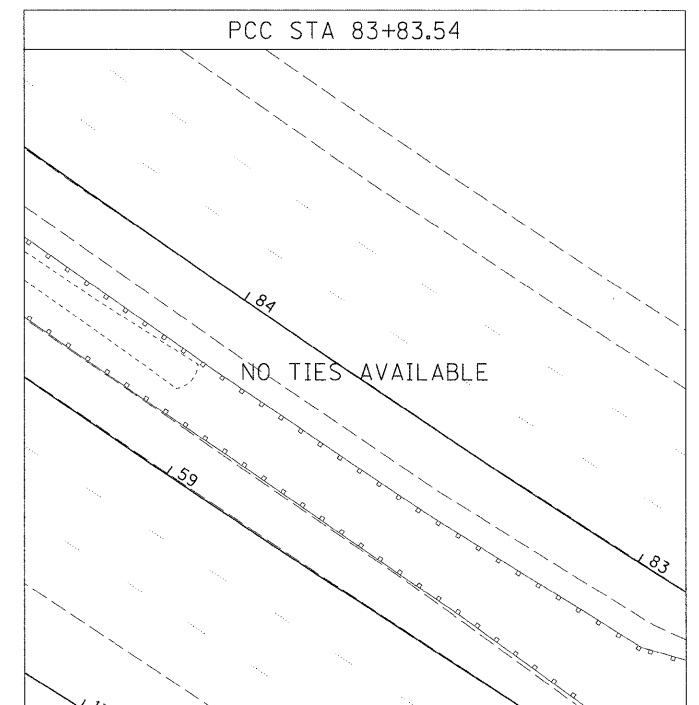
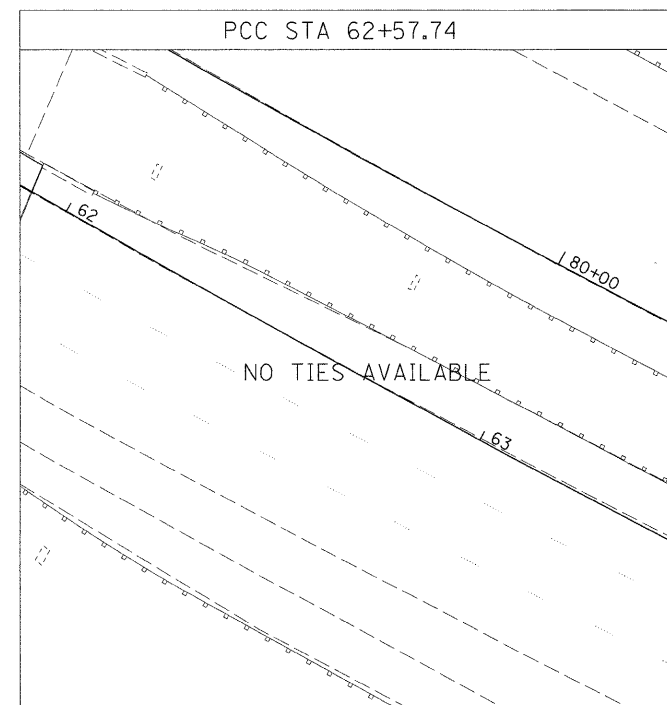
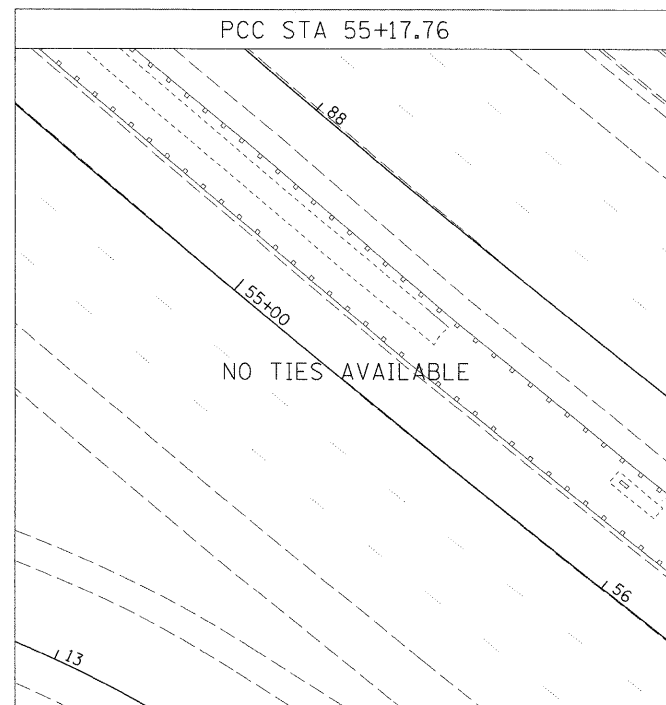
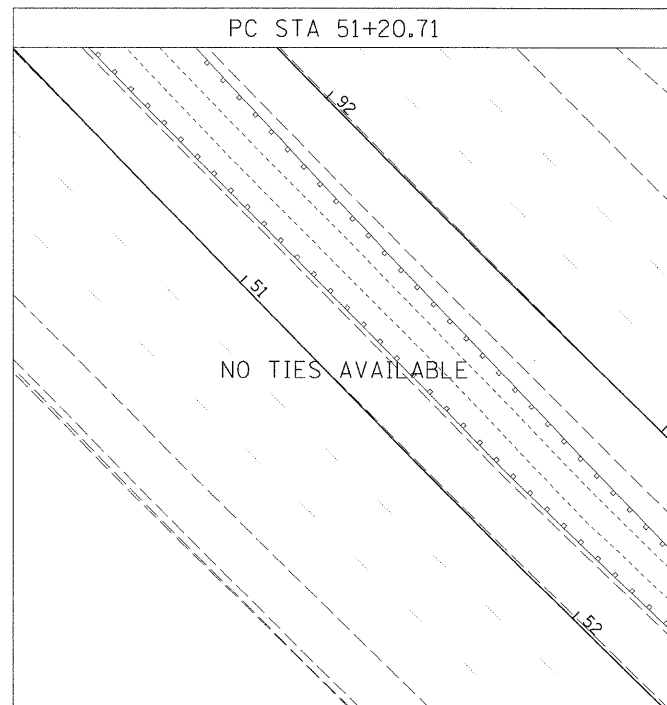
PROP. CURVE RAMPK-3
PI STA. = 17+36.68
Δ = 1° 01' 55" (RT)
D = 1° 00' 32"
R = 5679.66'
T = 51.14'
L = 102.28'
E = 0.23'
P.C. STA = 16+85.54
P.T. STA = 17+87.82

FILE NAME =	USER NAME = mmccomachs	DESIGNED - OP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D8T91-7EC45-sh1-ATB-04.dgn		DRAWN - OP	REVISED -			82-1SG	ST. CLAIR	145	14	
PLOT SCALE = 100.0000' / in.		CHECKED - DBM	REVISED -			*998/70/64	CONTRACT NO. 76C45			
PLOT DATE = 2/2/2012		DATE = 2/2/2012	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
				SCALE: N/A	SHEET NO. 4 OF 11 SHEETS	STA. N/A	TO STA. N/A			

EB I-64

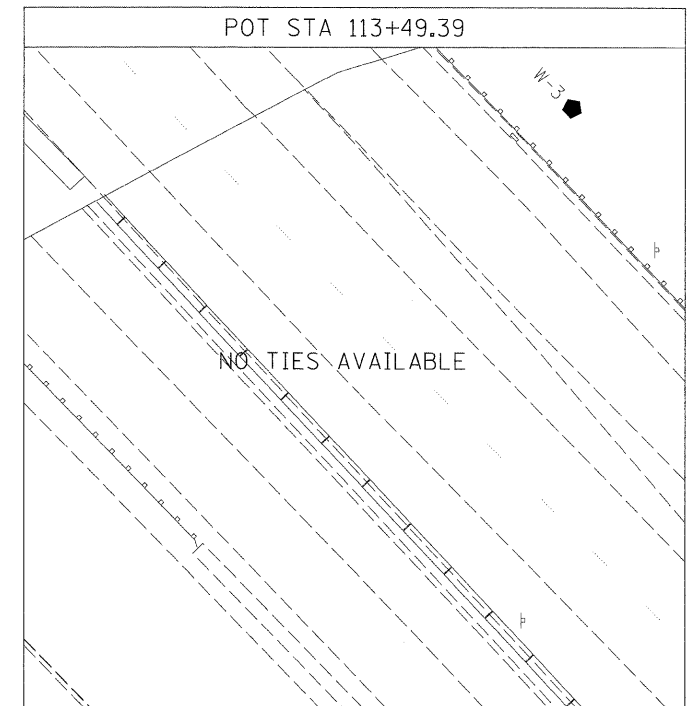
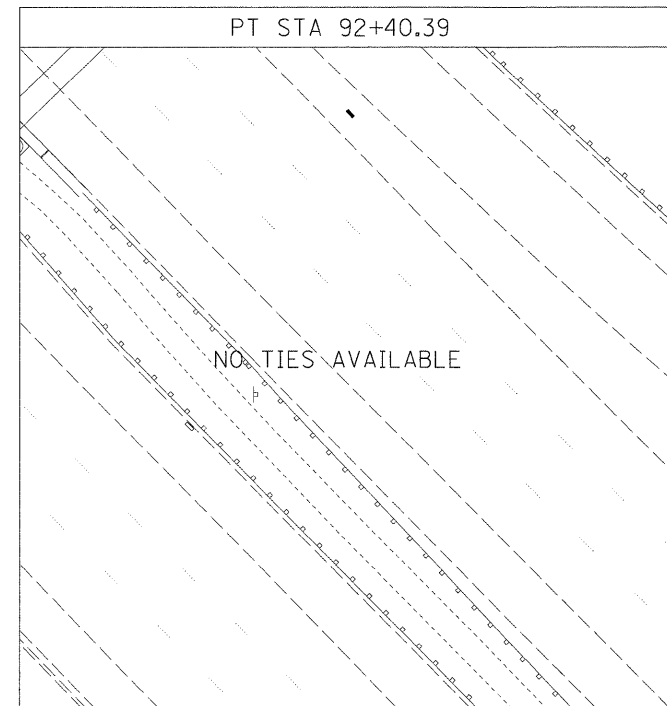
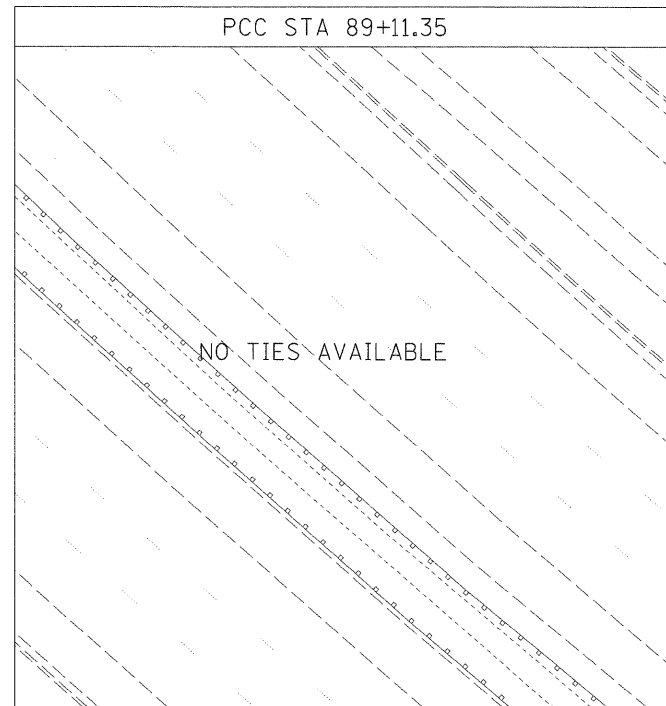
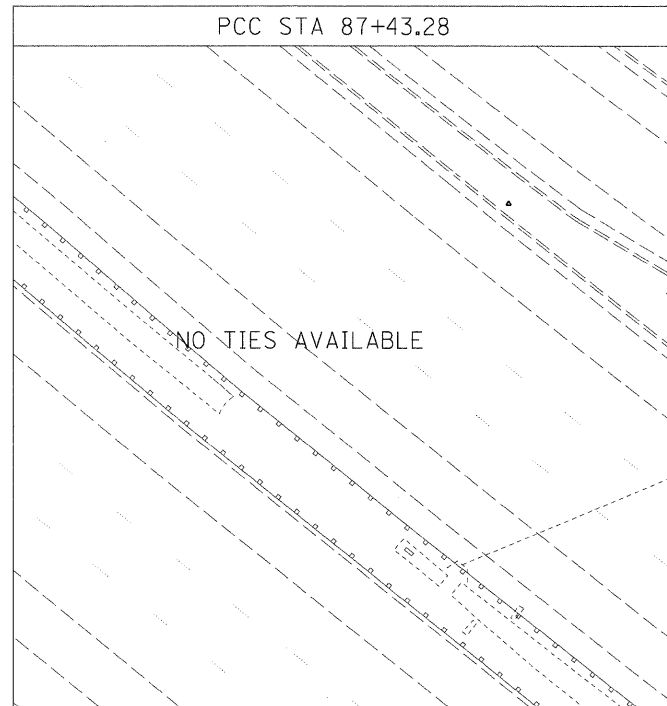


WB I-64

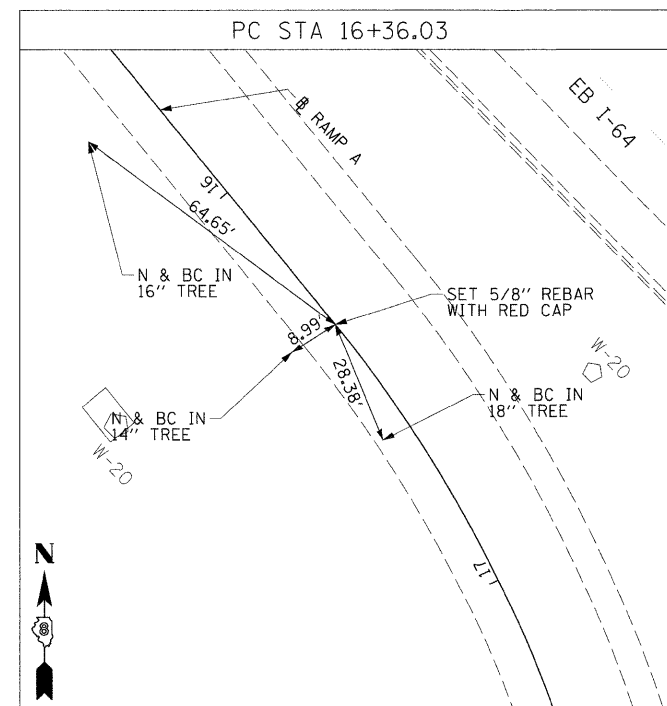
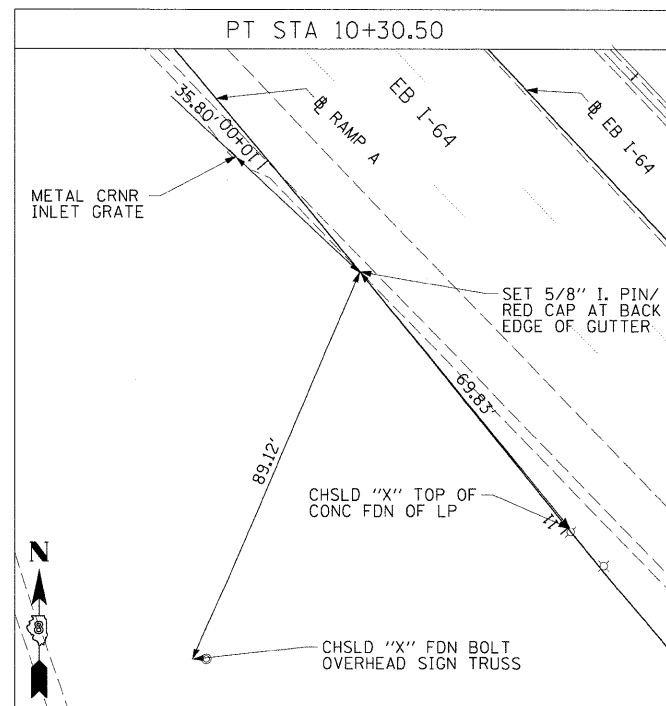
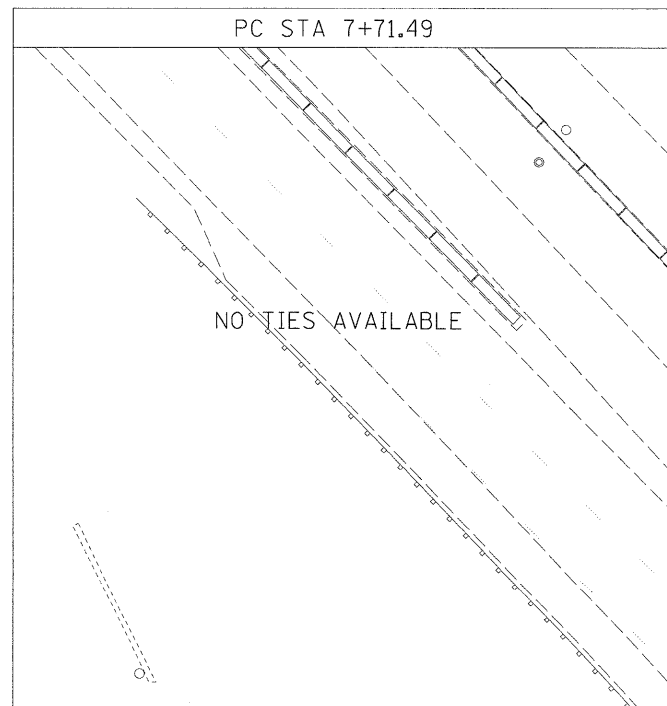


FILE NAME = DBTRI-76C45-aht-PTB-05.dgn	USER NAME = mmccornachie	DESIGNED - TTB	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS	F.A.I. RTE. =	SECTION = 82-1SG	COUNTY = ST. CLAIR	TOTAL SHEETS = 145	SHEET NO. = 15
PLOT SCALE = 20.0000' / 1" =	CHECKED - JAH	REVISIONS -	FED. ROAD DIST. NO. = 998/70/64			ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/2/2012	DATE = 2/2/2012	REVISIONS -	CONTRACT NO. 76C45							
			SCALE: N/A SHEET NO. 5 OF 11 SHEETS STA. N/A TO STA. N/A							

WB I-64



RAMP A



FILE NAME = DBTR1-76C45-aht-ATB-06.dgn

USER NAME = mmeconachje

PLOT SCALE = 20.0000' / 1" =

PLOT DATE = 2/2/2012

DESIGNED - TTB

DRAWN - TTB

CHECKED - JAH

DATE - 2/2/2012

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

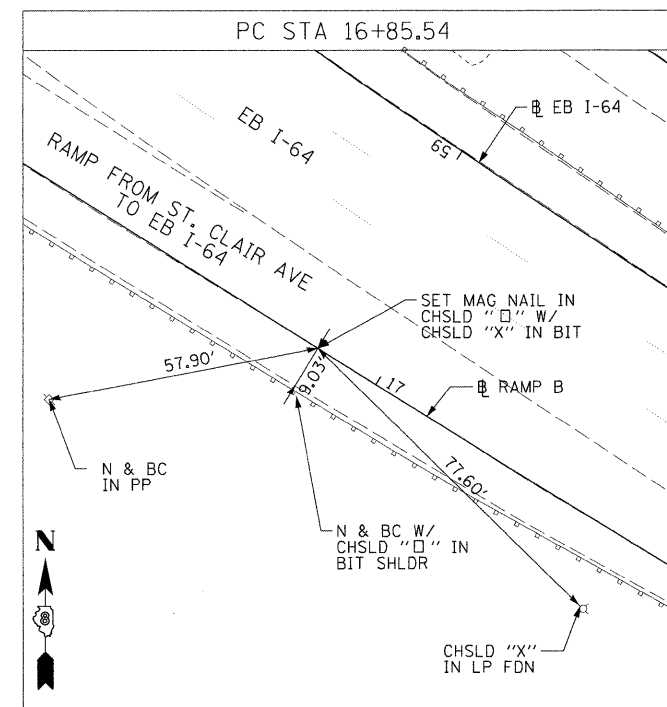
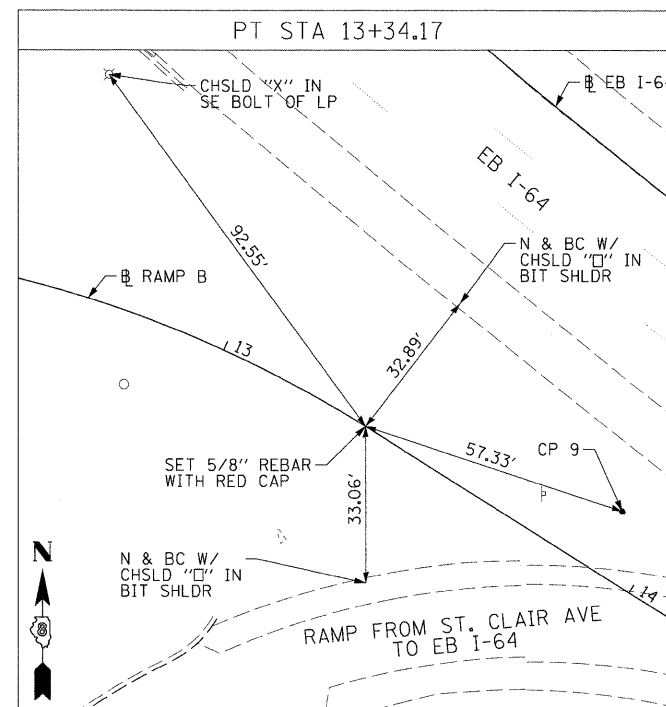
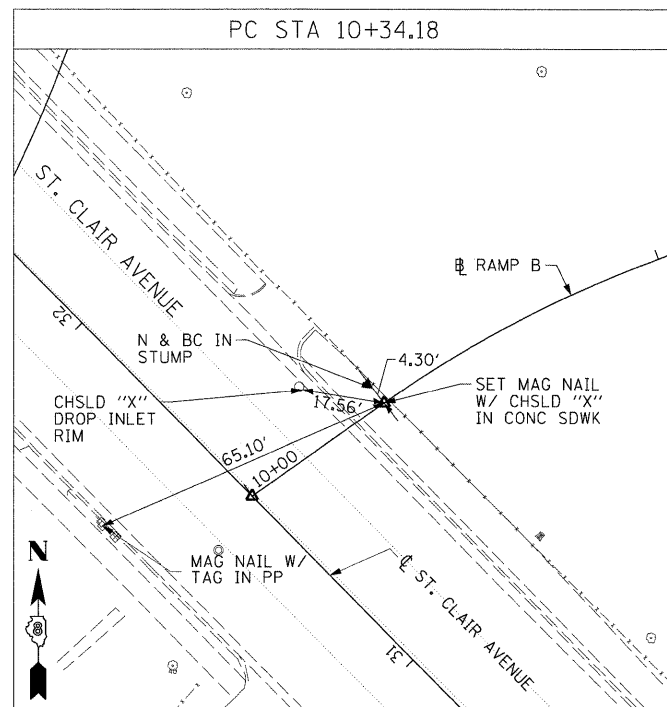
SCALE: N/A

SHEET NO. 6 OF 11 SHEETS

STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
98	82-1SG	ST. CLAIR	145	16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C45	

RAMP B



FILE NAME =	USER NAME = mmconachie
D8TRJ-76C45-sh1-A18-07.dgn	
PLOT SCALE = 20.0000' / 1"	
PLOT DATE = 2/2/2012	

DESIGNED -	TTB	REVISED -	
DRAWN -	TTB	REVISED -	
CHECKED -	JAH	REVISED -	
DATE -	2/2/2012	REVISED -	

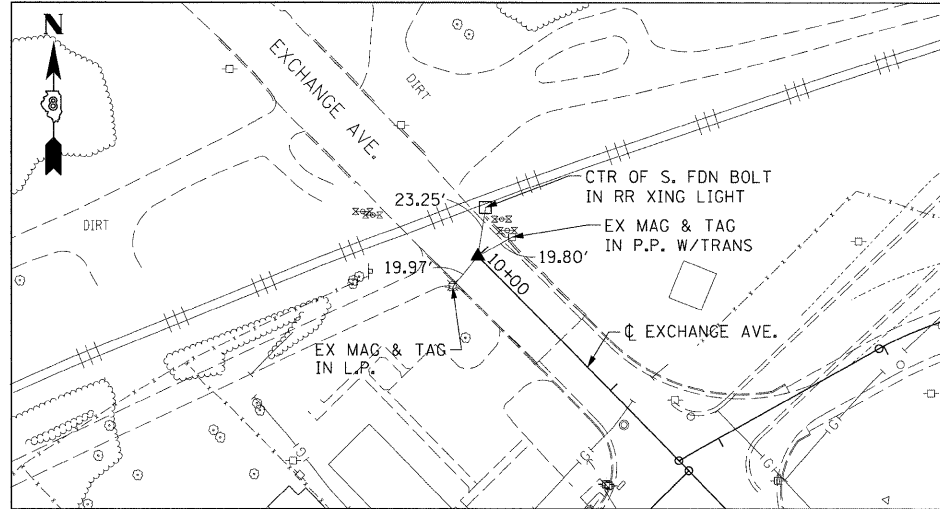
DESIGNED -	TTB	REVISED -	
DRAWN -	TTB	REVISED -	
CHECKED -	JAH	REVISED -	
DATE -	2/2/2012	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

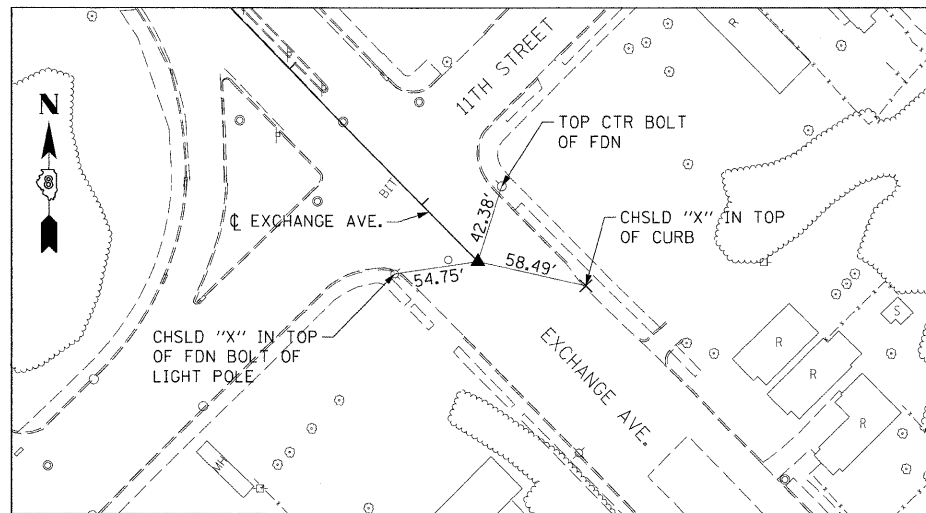
ALIGNMENT, TIES AND BENCHMARKS			
SCALE: N/A	SHEET NO. 7 OF 11 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	17
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

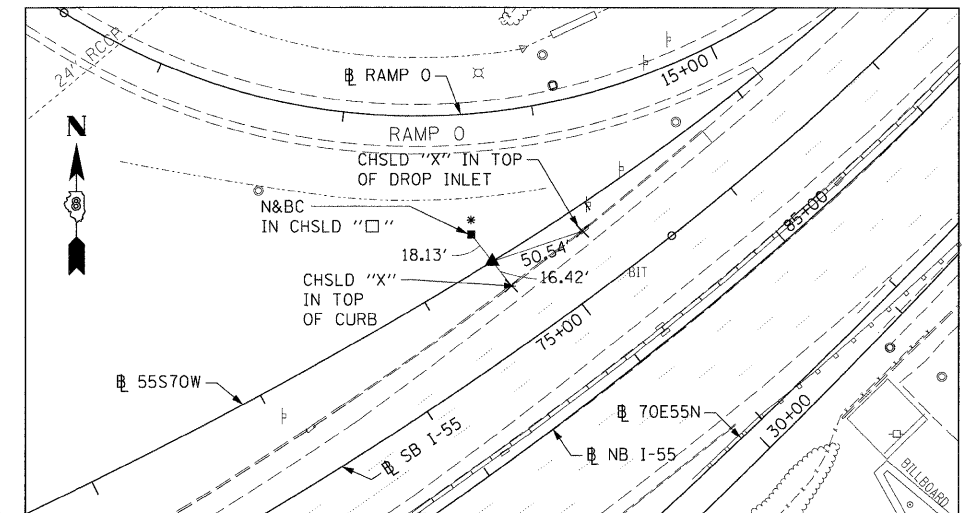
EXCHANGE AVENUE
 POT STA 10+00.00
 SET MEG NAIL IN CONC. CRACK W/CHSLD "X"
 (CONTROL POINT MAY NEED TO BE RE-ESTABLISHED DUE TO CONSTRUCTION ACTIVITY.)



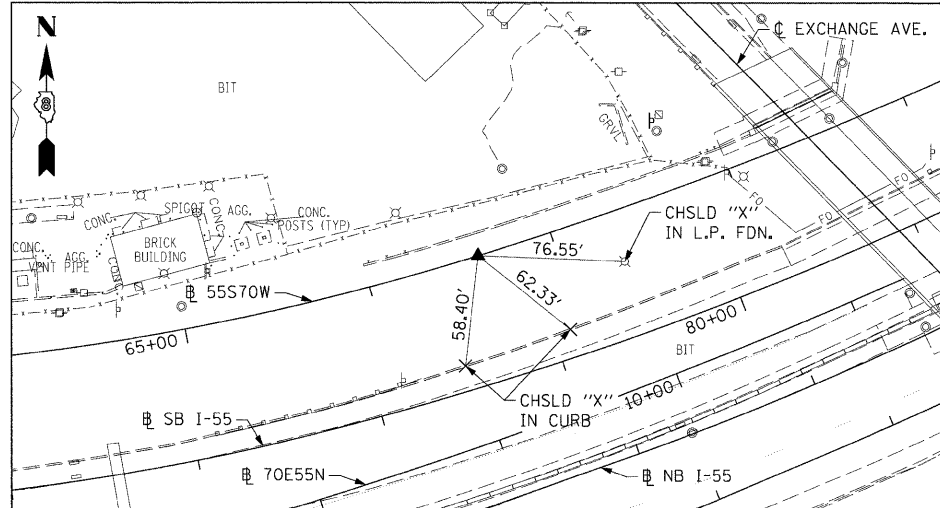
EXCHANGE AVENUE
 POT STA 27+42.42
 SET MEG NAIL IN CHSLD "□" W/CHSLD "X"



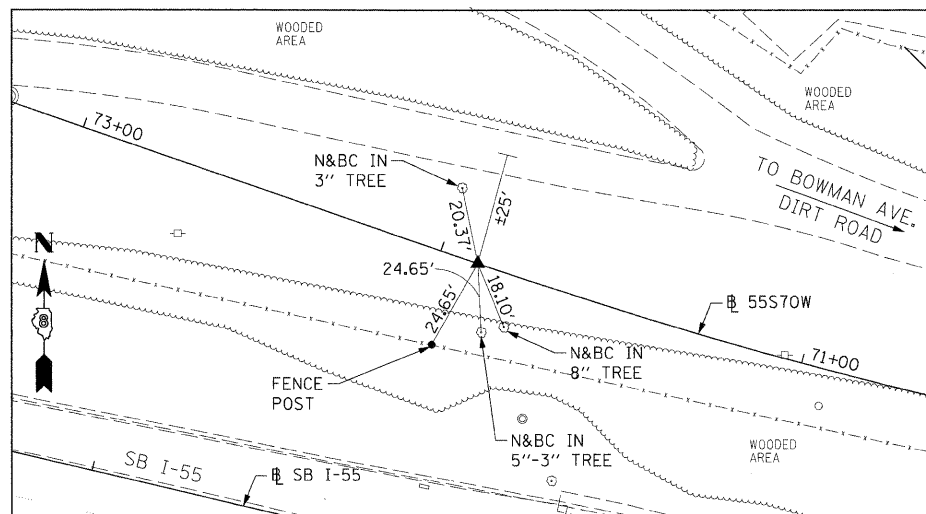
55S70W
 PCC STA 57+58.25
 SET 5/8" REBAR W/RED CAP FLUSH W/GR



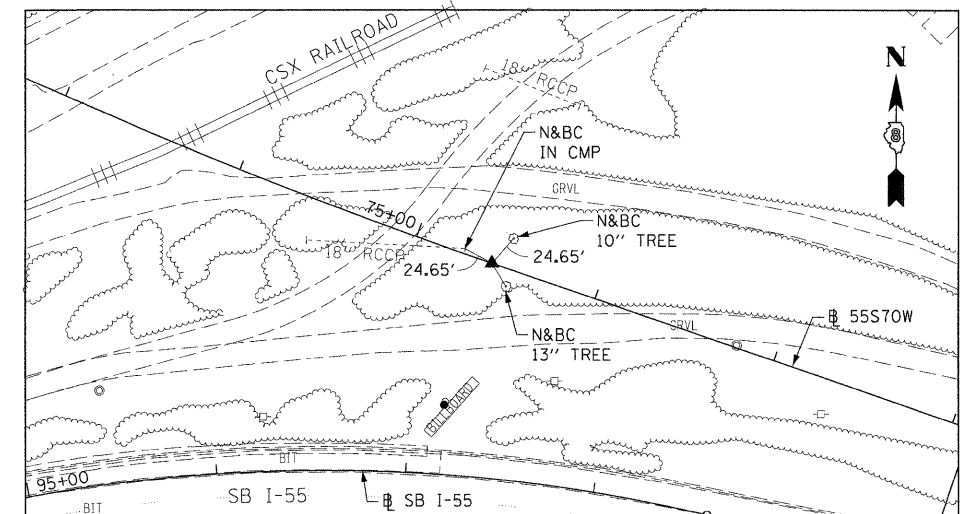
55S70W
 PCC STA 63+40.22
 SET 5/8" REBAR W/RED LINENG CAP FLUSH W/GR
 (CONTROL POINT MAY NEED TO BE RE-ESTABLISHED DUE TO CONSTRUCTION ACTIVITY.)



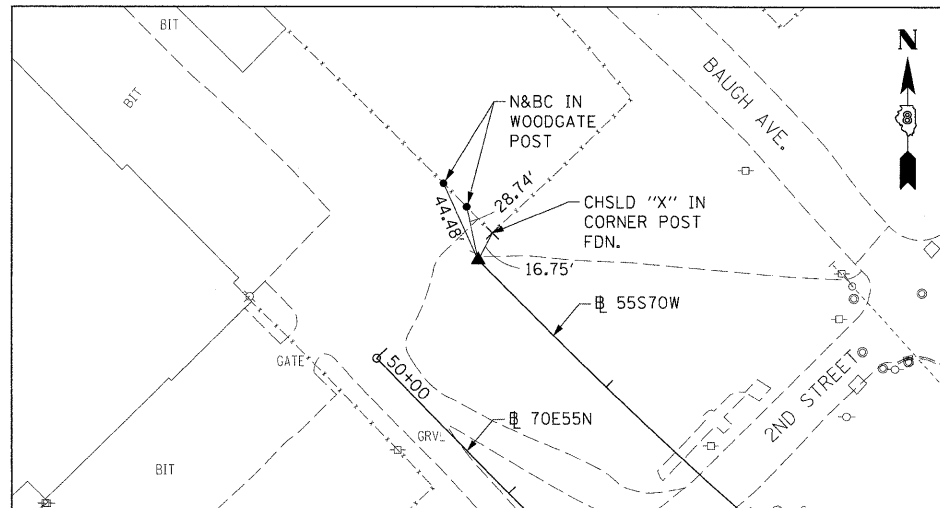
55S70W
 PT STA 71+89.66
 SET 5/8" REBAR W/RED CAP FLUSH W/GR



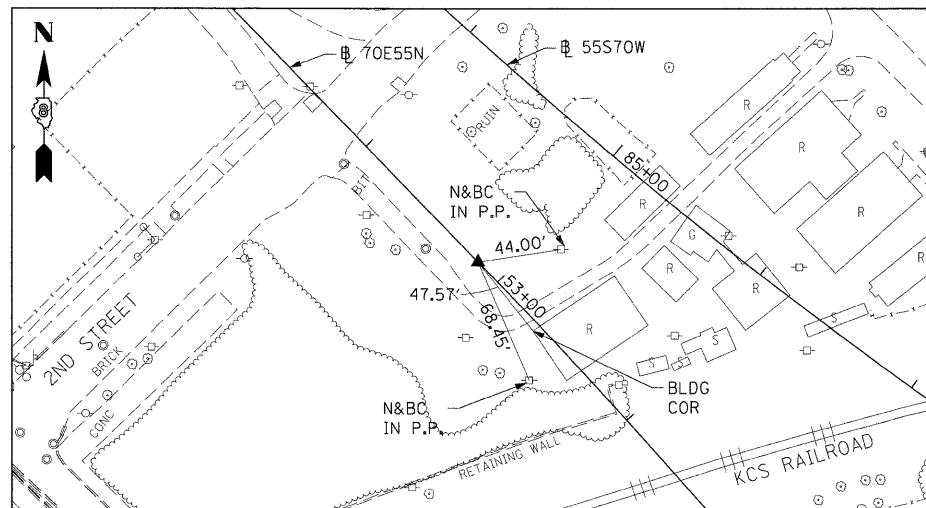
55S70W
 PC STA 74+57.77
 SET 5/8" REBAR W/RED LIN TRAV. PT CAP



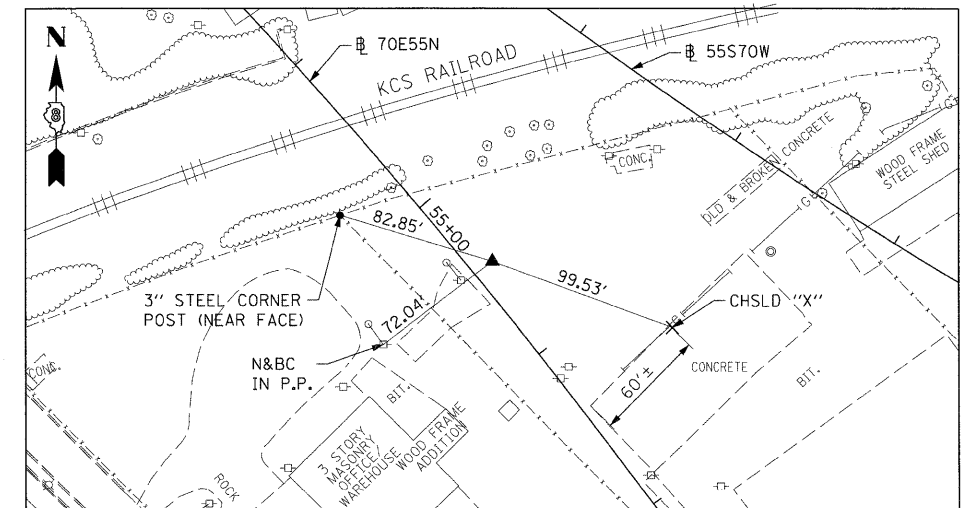
55S70W
 PT STA 87+95.40
 SET 5/8" REBAR W/RED LIN ENG. CAP FLUSH W/GR



70E55N
 PC STA 52+85.08
 5/8" I. PIN W/YELLOW CAP



70E55N
 PI STA 55+46.88
 5/8" I. PIN W/YELLOW CAP



FILE NAME = D8TR1-76C45-sht-A18-08.dgn	USER NAME = mimoanachis	DESIGNED - OP	REVISED -
	PLLOT SCALE = 50.0000' / 1" =	DRAWN - PHP	REVISED -
	PLLOT DATE = 2/2/2012	CHECKED - DBM	REVISED -
		DATE - 2/2/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

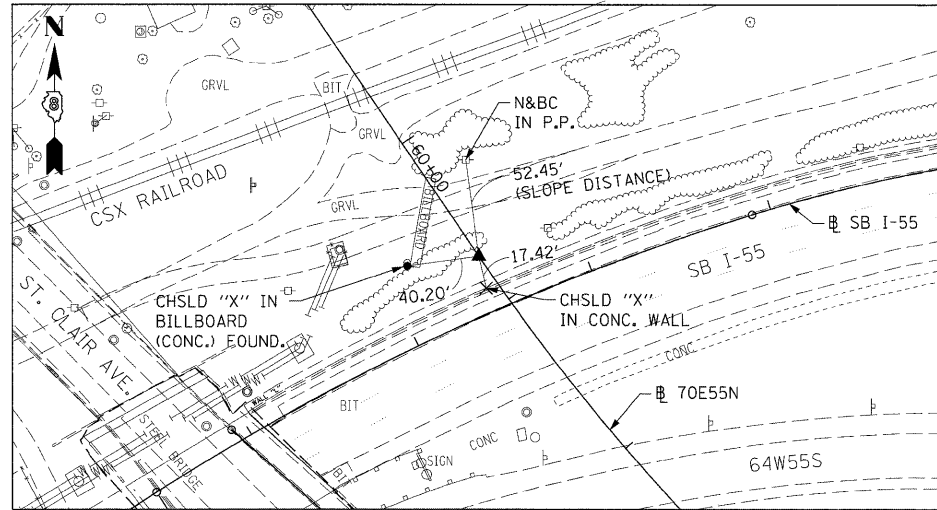
ALIGNMENT, TIES AND BENCHMARKS

SCALE: N/A SHEET NO. 8 OF 11 SHEETS STA. N/A TO STA. N/A

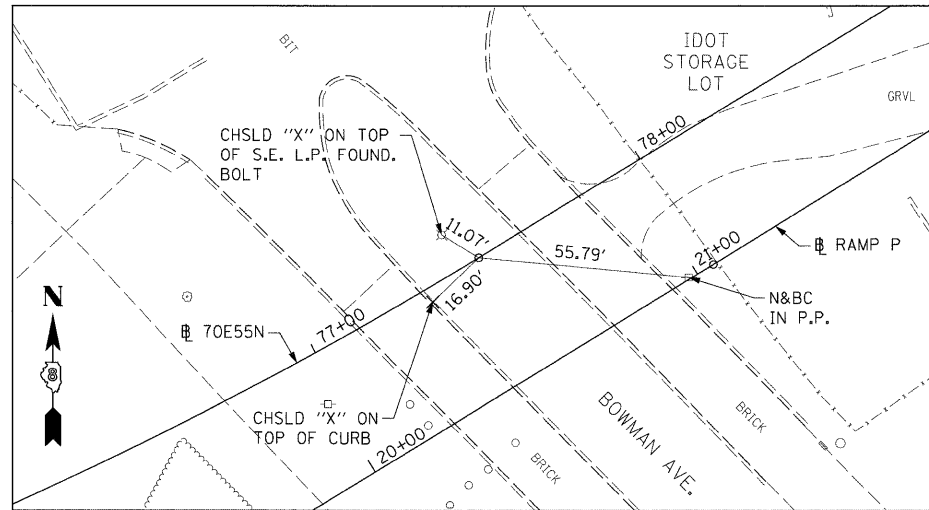
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	18
CONTRACT NO. 76C45				

•998/70/64 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

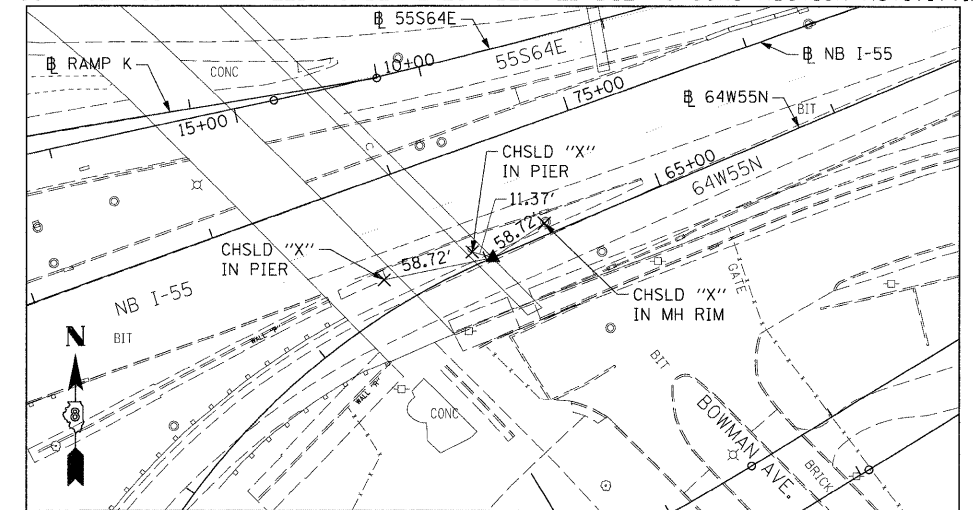
70E55N
PC 60+72.28
5/8" I. PIN W/YELLOW CAP



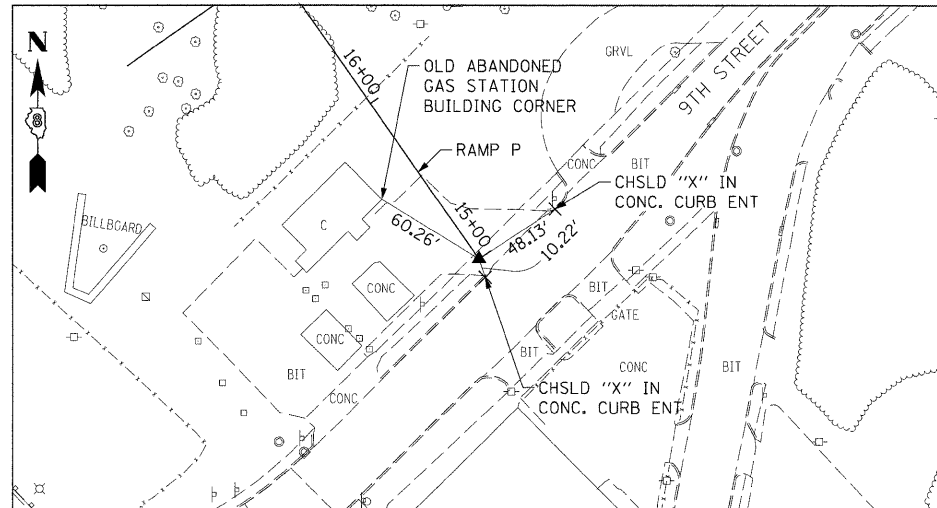
70E55N
PC 77+49.99
5/8" I. PIN



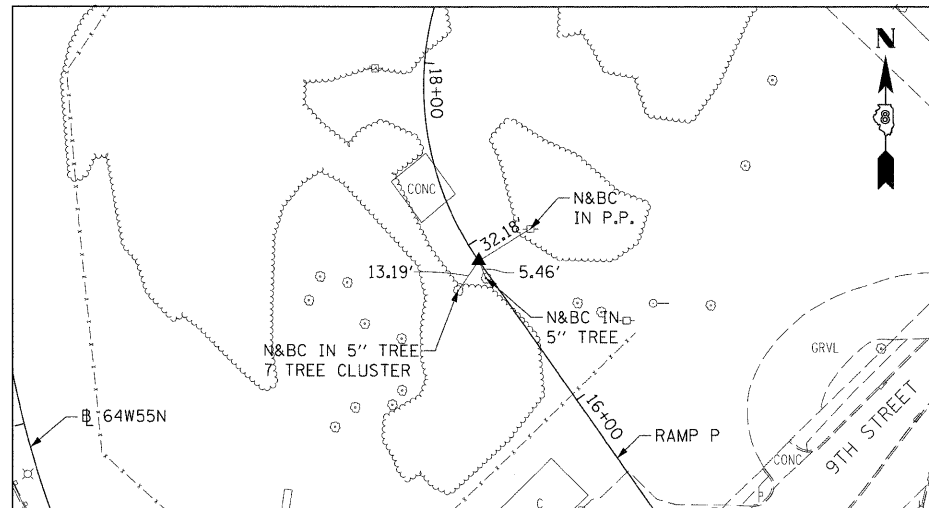
64W55N
P.T. STA 64+03.55
SET MAG NAIL IN CHSLD "X" W/CHSLD "X"
(CONTROL POINT MAY NEED TO BE RE-ESTABLISHED DUE TO CONSTRUCTION ACTIVITY.)



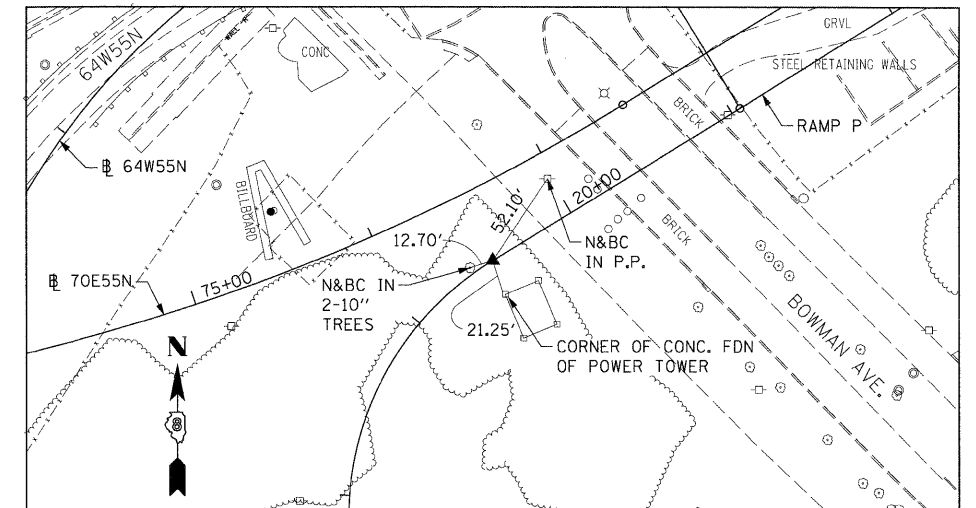
RAMP P
POT STA 15+00 = 520+44.97 (BAUGH)
SET MAG NAIL IN CONC. WITH CHISELLED "+"
(CONTROL POINT MAY NEED TO BE RE-ESTABLISHED DUE TO CONSTRUCTION ACTIVITY.)



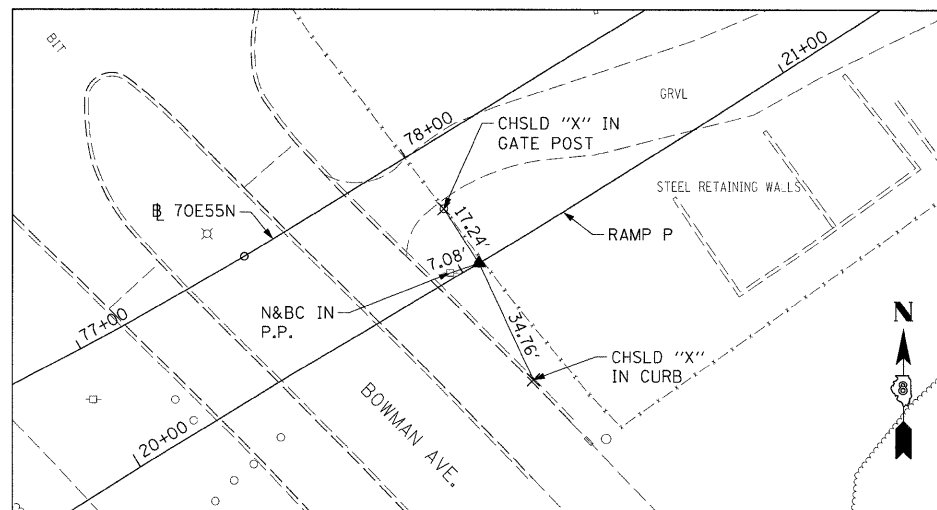
RAMP P
PC STA 16+90.04
SET 5/8" REBAR W/RED CAP FLUSH W/GR



RAMP P
PT STA 19+51.32
SET 5/8" REBAR W/RED CAP FLUSH W/GR



RAMP P
PC STA 21+04.96
SET 5/8" REBAR W/RED LIN ENG. CAP FLUSH W/GR



FILE NAME =	USER NAME = mmcconache	DESIGNED - OP	REVISED -
D:\TR1-76C45-sht-ATB-09.dgn		DRAWN - PHP	REVISED -
		CHECKED - DBM	REVISED -
		DATE - 2/2/2012	REVISED -

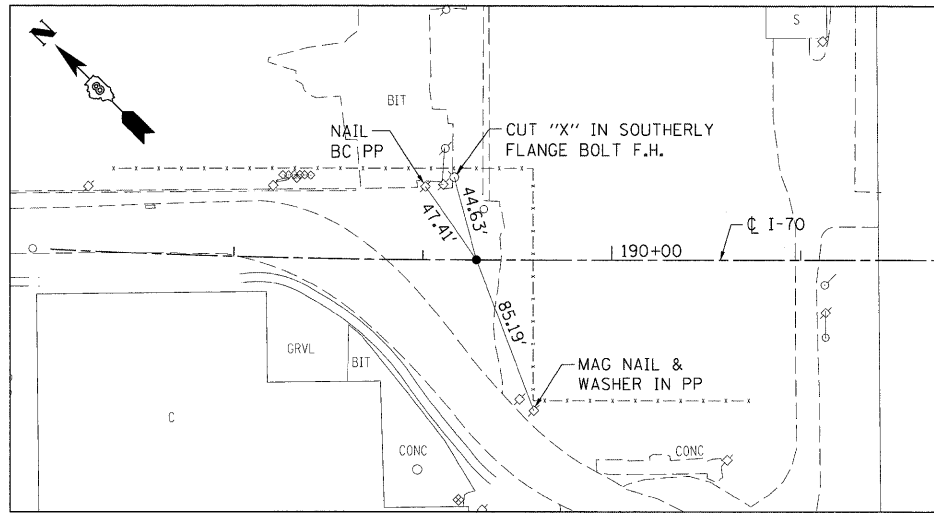
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

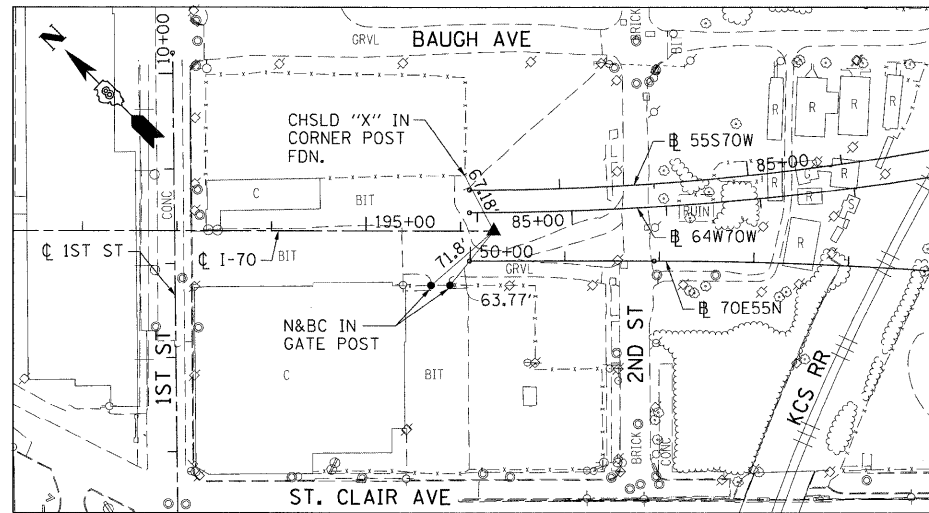
SCALE: N/A SHEET NO. 9 OF 11 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	19
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

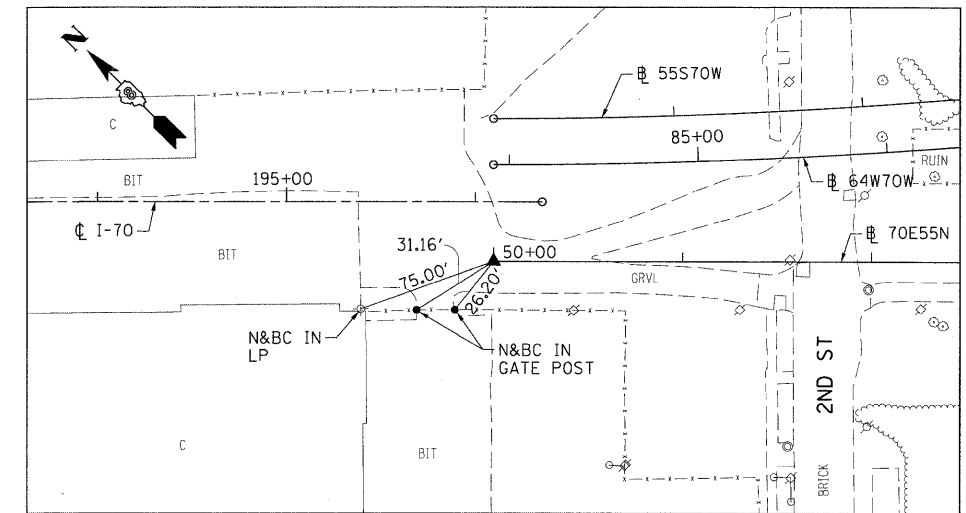
I-70
PT STA 189+28.42
COTTON SPINALE INSIDE CHSLD "X" IN BIT



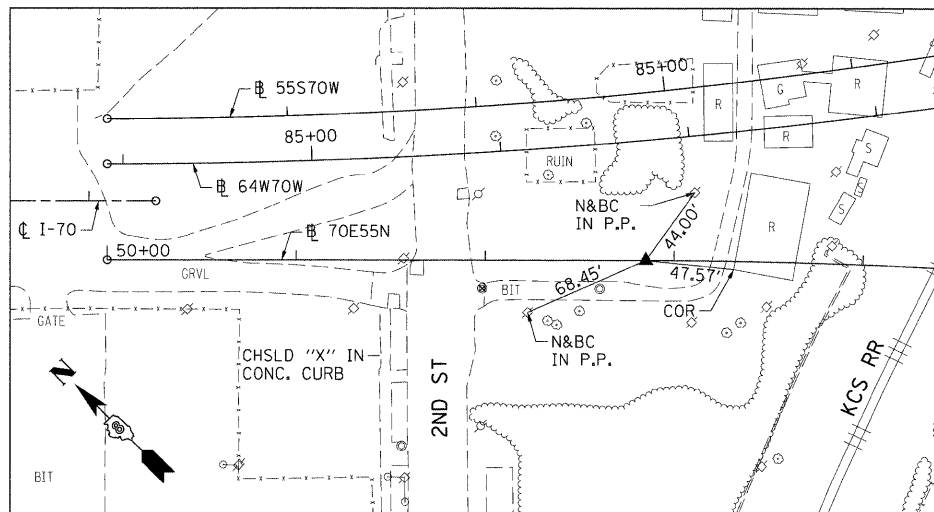
I-70
POT STA 196+35.37
SET 5/8" REBAR W/RED CAP FLUSH W/GR



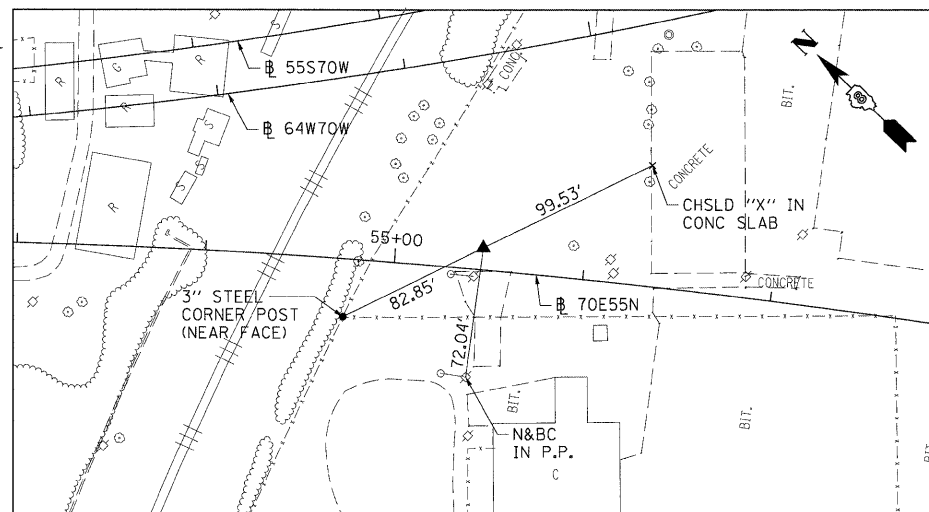
70E55N
POT STA 50+00.00
SET MAG NAIL IN BIT



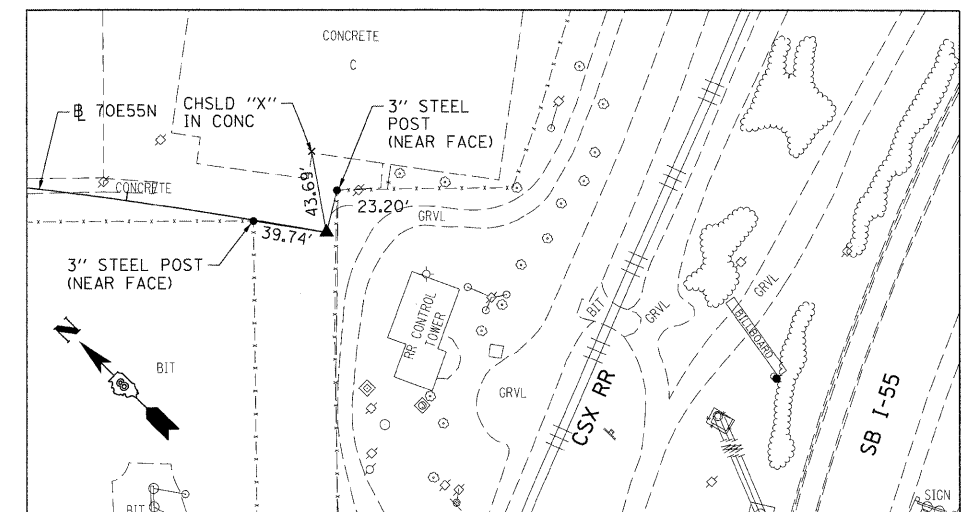
70E55N
PC STA 52+85.08
5/8" I. PIN W/YELLOW CAP



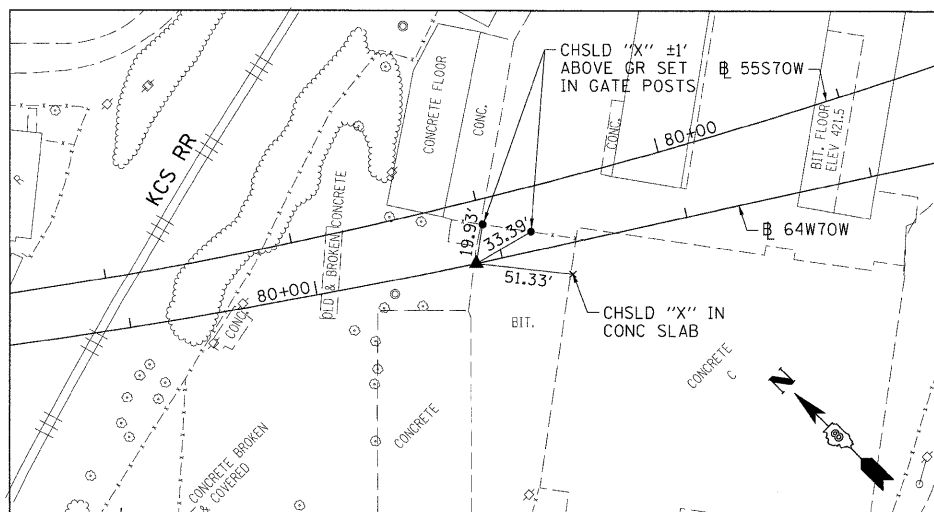
70E55N
PI STA 55+46.88
5/8" I. PIN W/YELLOW CAP



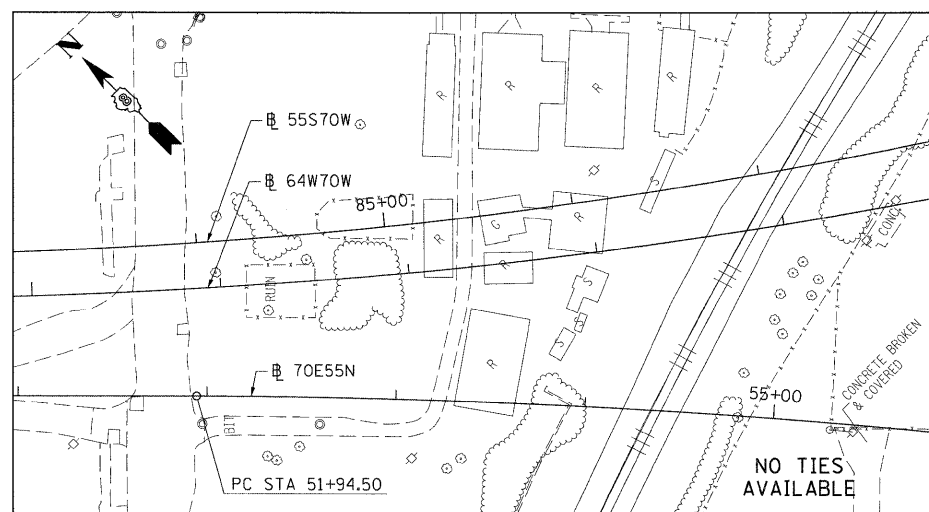
70E55N
PT STA 58+07.32
SET MAG NAIL IN BIT LOT



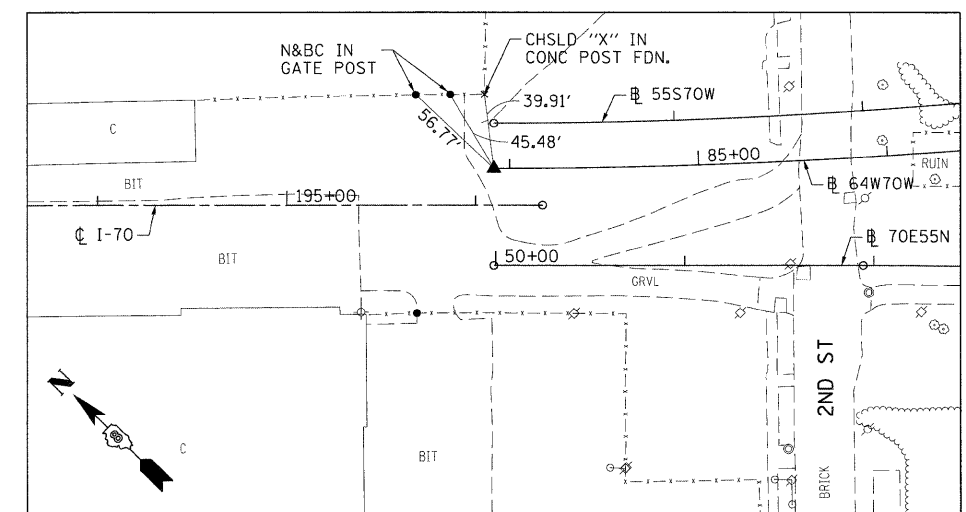
64W70W
PC STA 79+13.90
SET 5/8" REBAR W/RED CAP FLUSH W/GR



64W70W
PI STA 82+62.48



64W70W
PT STA 86+08.31
SET 5/8" REBAR W/RED CAP FLUSH W/GR



FILE NAME =
D8TR1-76C45-sh1-ATR-10.dgn

USER NAME = meconachie
DESIGNED -
DRAWN -
CHECKED -
DATE = 2/2/2012

DESIGNED -
DRAWN -
CHECKED -
DATE = 2/2/2012

REVISED -
REVISED -
REVISED -
REVISED -

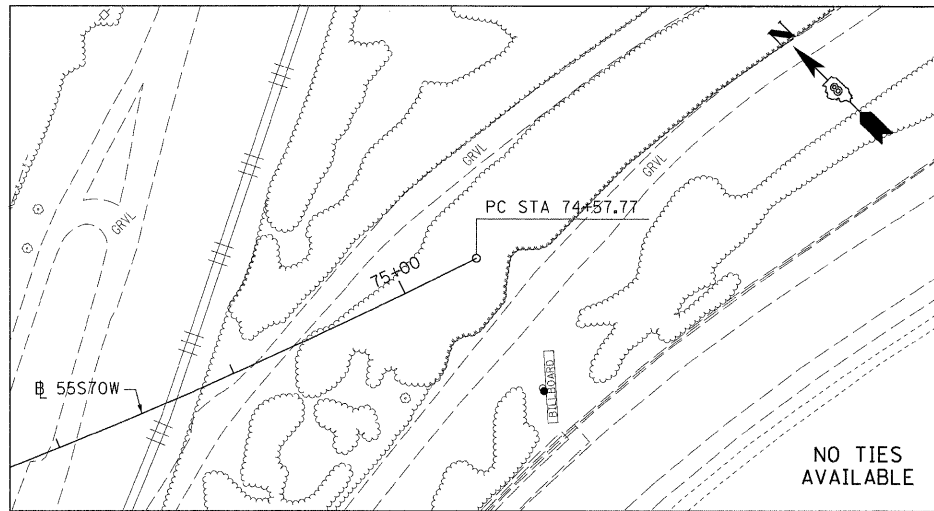
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

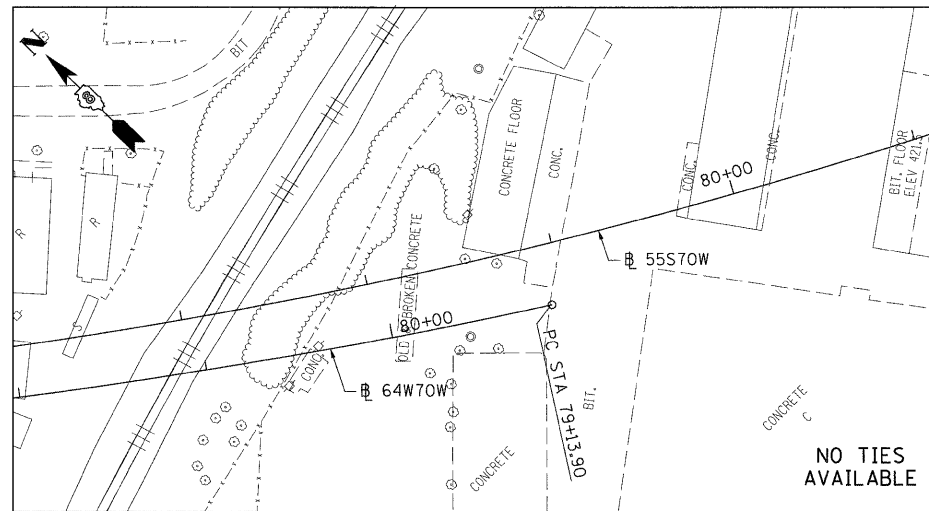
SCALE: N/A SHEET NO. 10 OF 11 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	20
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

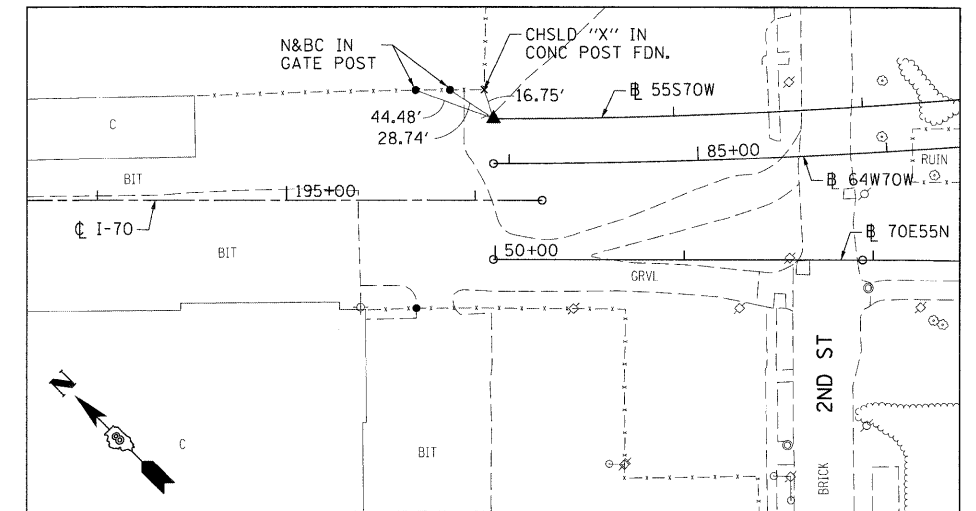
55S70W
PC STA 74+57.77
SET 5/8" I PIN W/RED CAP



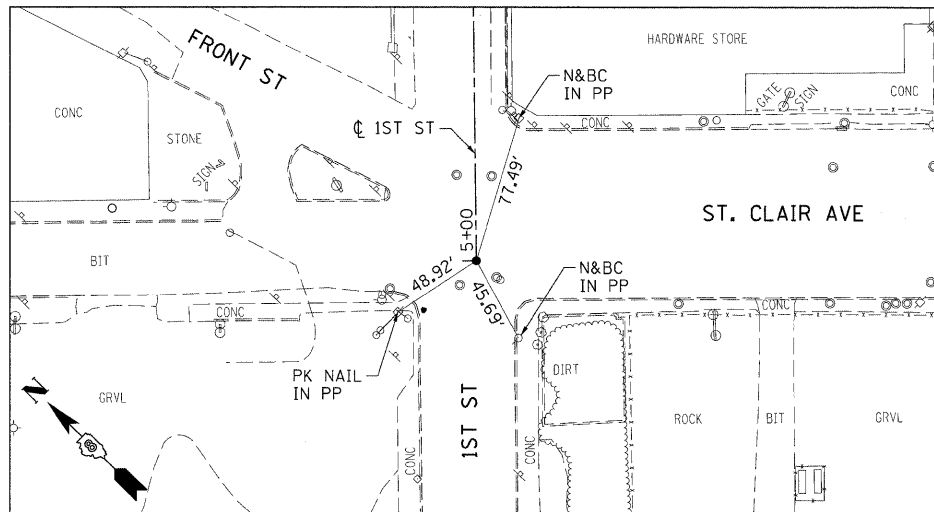
55S70W
PI STA 81+39.12



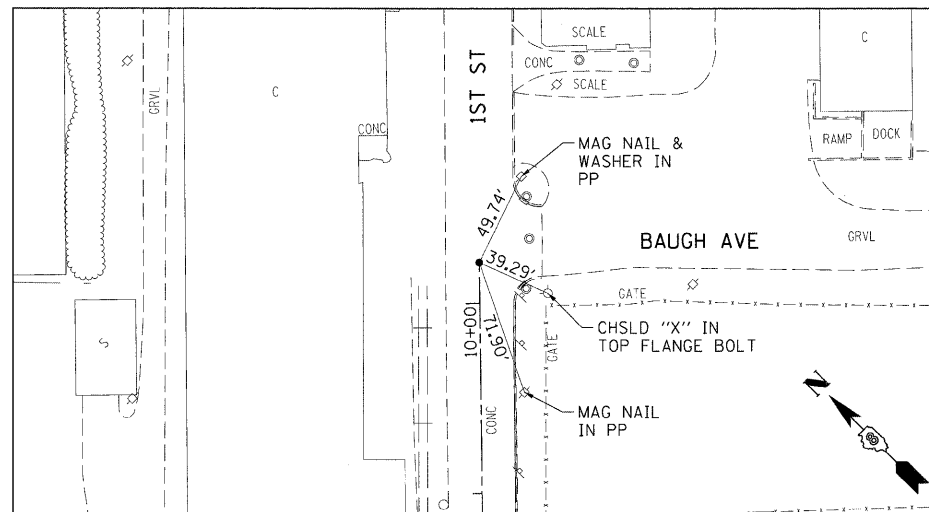
55S70W
PT STA 87+95.40
SET 5/8" REBAR W/RED LIN ENG. CAP FLUSH W/GR



1ST STREET
POT STA 5+00
MAG NAIL INSIDE CHSLD "X"



1ST STREET
POT STA 10+21.57
5/8" I.P. IN CONC PAVT



BENCHMARKS

BENCHMARK	DESCRIPTION	ELEVATION	STATION	OFFSET
0017-01	RR SPIKE IN PP W/LIGHT NW QUAD. ST. CLAIR & 1ST STREET	422.11	ST. CLAIR 86+61	30.0' LT
BM26	CHISELLED 'X' SOUTHERLY CAP BOLT FIRE HYDRANT AT NORTH QUADRANT 2ND ST. & ST. CLAIR AVE	423.65	I-70 EB/I-55 NB 51+42	210' RT
BM27	CHISELLED 'X' SOUTHERLY CAP BOLT FIRE HYDRANT AT NORTH QUADRANT 2ND STREET AND BAUGH AVE.	419.77	I-55 SB/I-70 WB 86+27	190' RT

FILE NAME =
D8TR1-76C45-sh1-ATB-11.dgn

USER NAME = micoonachie

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 50.0000' / 1" =

CHECKED -

REVISED -

PLOT DATE = 2/2/2012

DATE - 2/2/2012

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: N/A

SHEET NO. 11 OF 11 SHEETS

STA. N/A TO STA. N/A

F.A.I. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

82-1SG

ST. CLAIR

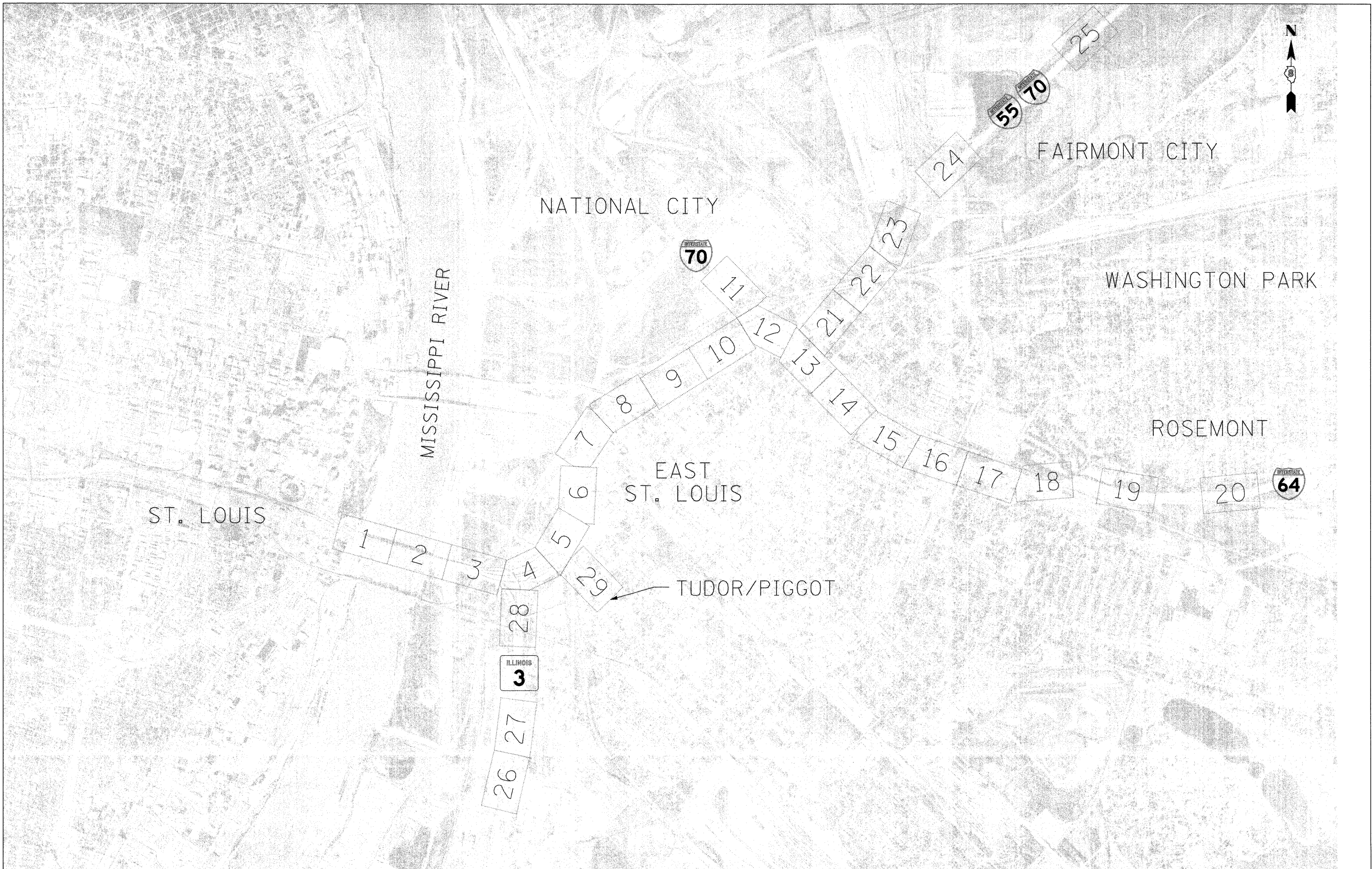
145

21

998/70/64

CONTRACT NO. 76C45

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



FILE NAME = D8TRI-76C45-sht-sign-legend.dgn	USER NAME = mmmccorochie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN SHEET LEGEND			
SCALE: 1" = 1200'	SHEET NO. 1 OF 1 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	22
•998/70/64		CONTRACT NO. 76C45		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ST. LOUIS



MISSISSIPPI RIVER

REMOVE SIGN PANELS T3,
ELECTRICAL EQUIPMENT
REMOVAL AND SALVAGE

SIGN PANELS 1, 2, 3, 4 AND 5
MOUNTED ON EXISTING
POPLAR STREET BRIDGE
STRUCTURE AT MILE
MARKER 209.3

MILE POST MARKER ASSEMBLY
POST MOUNTED TO SIGN
SUPPORT SPECIAL
(SOUTH 55 MILE 209.4)

PROJECT LIMITS

WEST BOUND POPLAR STREET BRIDGE

EAST BOUND POPLAR STREET BRIDGE

MILE POST MARKER ASSEMBLY
POST MOUNTED TO SIGN
SUPPORT SPECIAL
(NORTH 55 MILE 209.4)

SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
- FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
- COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



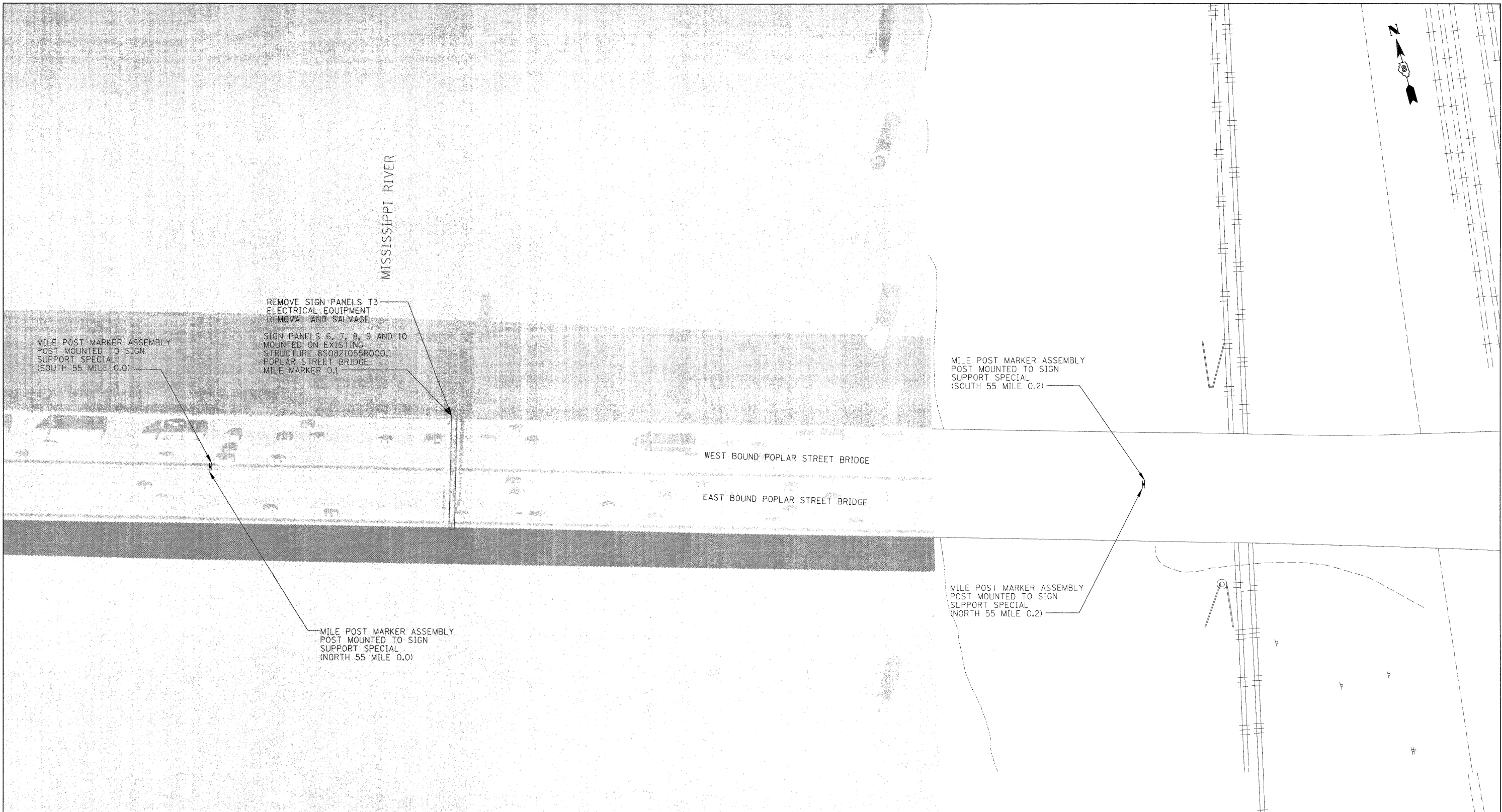
FILE NAME = D8TR1-76C45-shr-sign1.dgn	USER NAME = mmconachiv	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

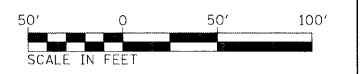
SCALE: 1" = 50' SHEET NO. 1 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	23
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 - COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



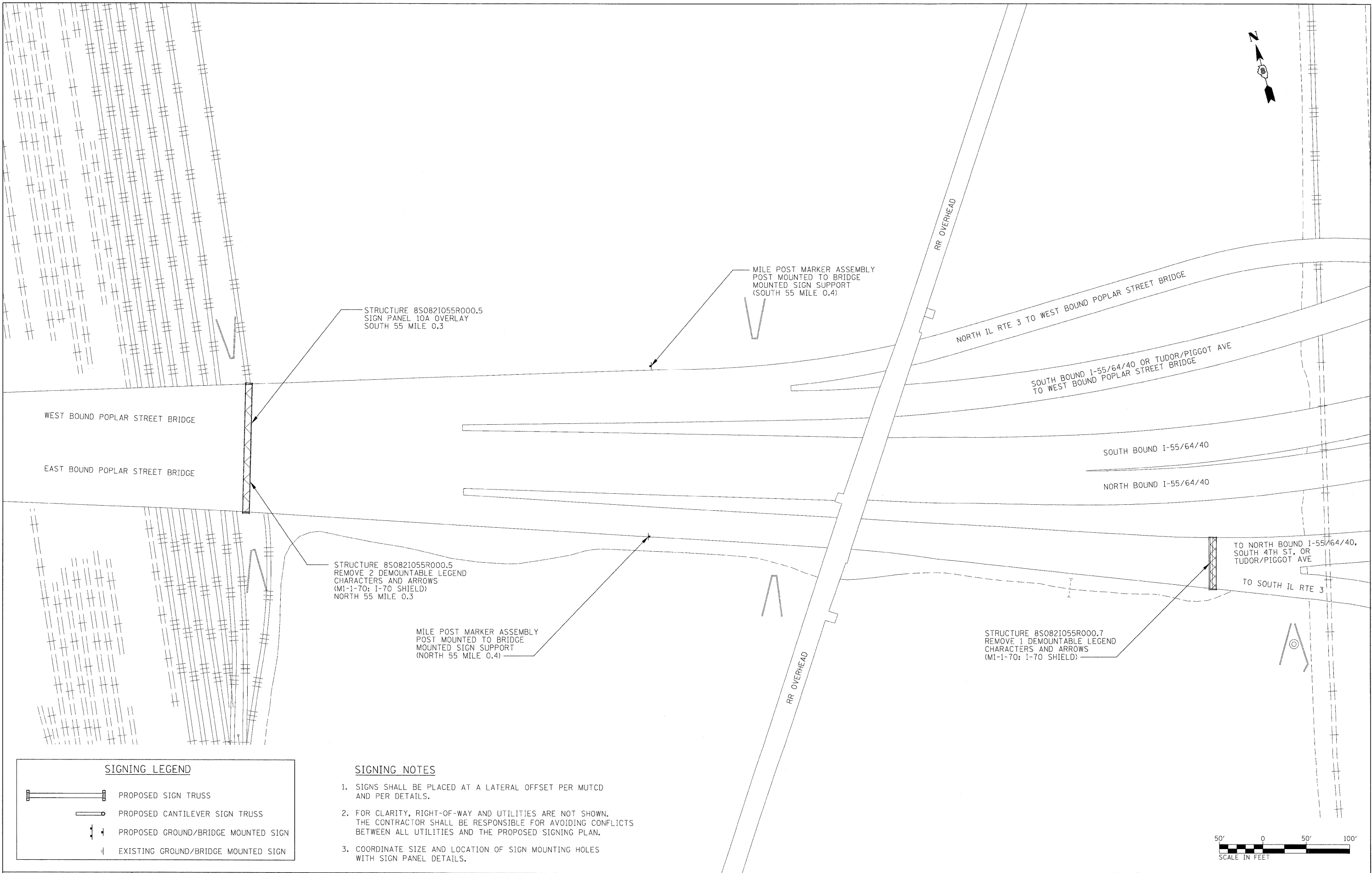
FILE NAME = D8T31-76C45-sht-sign2.dgn	USER NAME = mmcconachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

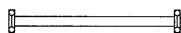



SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 2 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	24
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SIGNING LEGEND

-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.

FILE NAME = DBTR1-76C45-sh1-sign3.dgn

USER NAME = mmcooachie
 PLOT SCALE = 50.0000' / 1" =
 PLOT DATE = 2/2/2012

DESIGNED - PMK
 DRAWN - PMK
 CHECKED - MPW
 DATE - 2/2/2012

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

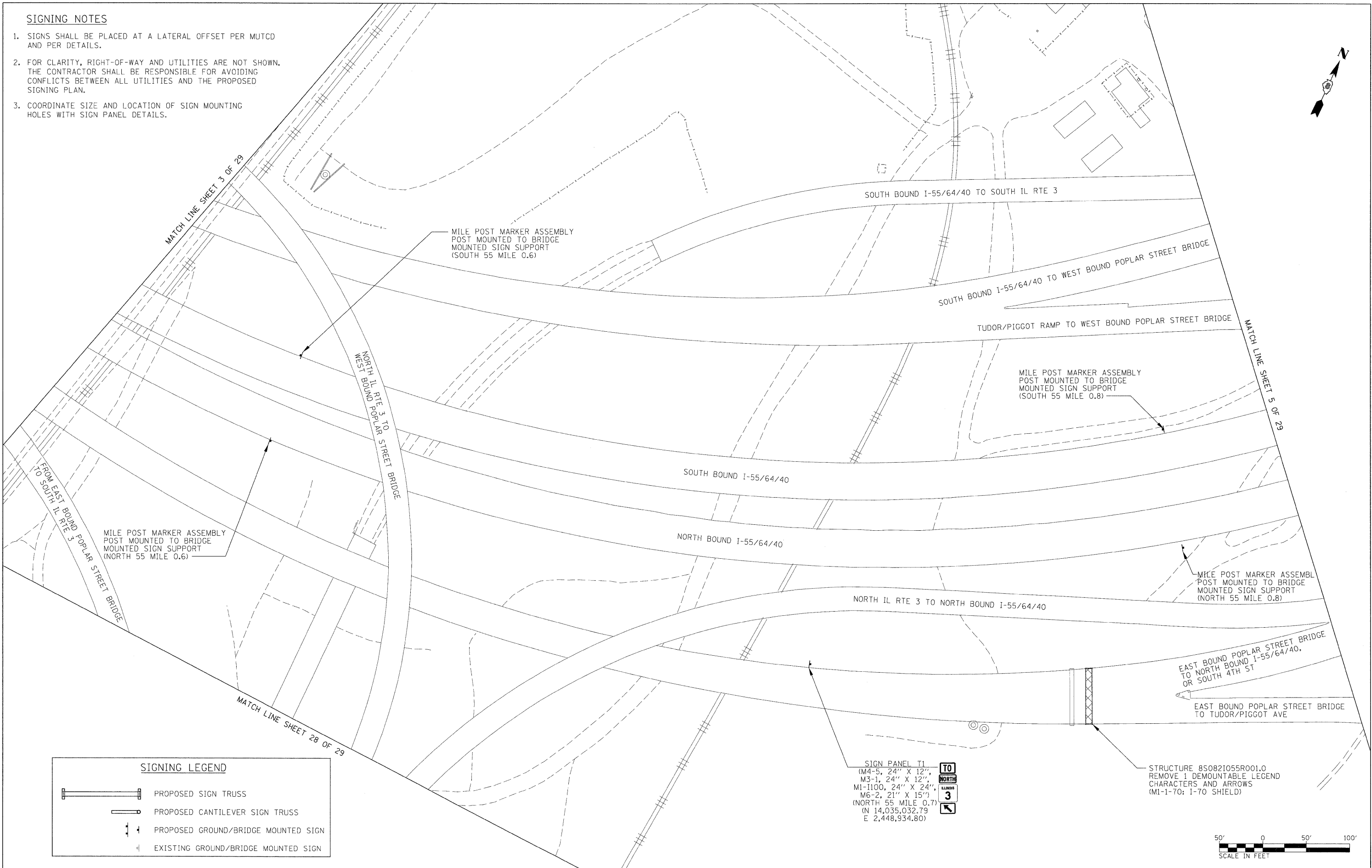
SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 3 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	25
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = DBTR1-76C45-sht-sign4.dgn	USER NAME = mmccorach20	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

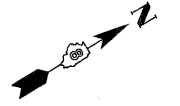
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN			
SCALE: 1" = 50'	SHEET NO. 4 OF 29 SHEETS	STA. N/A TO STA. N/A	

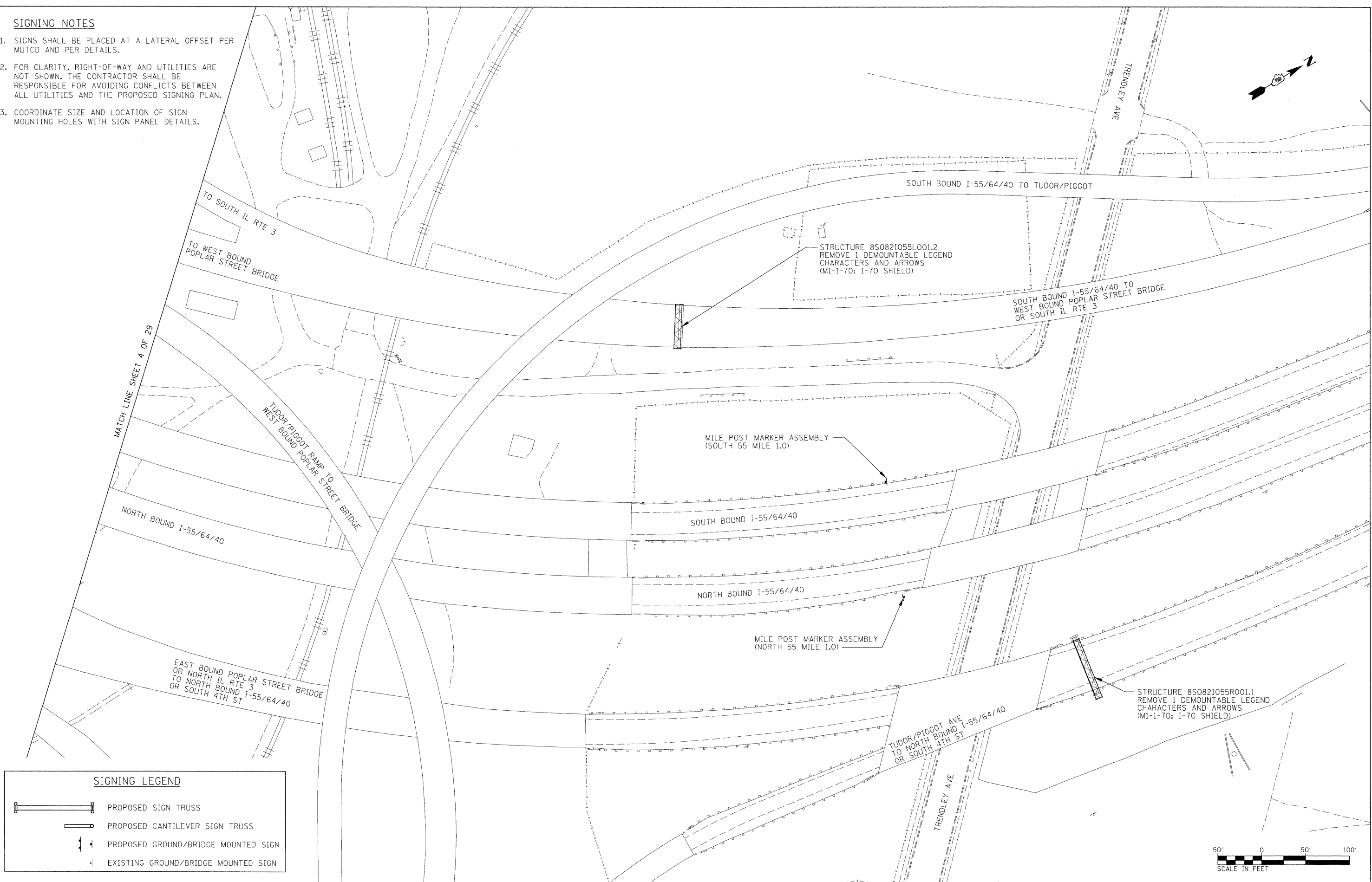
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	26
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGNING NOTES

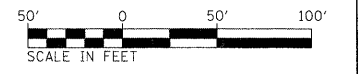
1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



MATCH LINE SHEET 4 OF 29



SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN



FILE NAME = DBTRI-76C45-shc-sign5.dgn	USER NAME = mmconachis	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN			
SCALE: 1" = 50'	SHEET NO. 5 OF 29 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	27
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



MATCH LINE SHEET 5 OF 29

TO TUDOR/PIGGOT
TO WEST BOUND
POPLAR STREET BRIDGE
OR SOUTH IL RTE 3

STRUCTURE 8S0821055L001.3
REMOVE 1 DEMOUNTABLE LEGEND
CHARACTERS AND ARROWS
(M1-1-70; I-70 SHIELD)

MILE POST MARKER ASSEMBLY
(SOUTH 55 MILE 1.2)

MILE POST MARKER ASSEMBLY
(NORTH 55 MILE 1.2)

STRUCTURE 8S0821055R001.2
REMOVE 1 DEMOUNTABLE LEGEND
CHARACTERS AND ARROWS
(M1-1-70; I-70 SHIELD)

SOUTH BOUND I-55/64/40

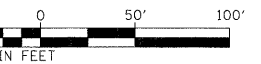
NORTH BOUND I-55/64/40

TO NORTH BOUND I-55/64/40





TO S 4TH ST

CONVERSE AVE

S 5TH ST



SIGNING LEGEND

-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.

FILE NAME =
D8TRJ-76C45-sht-sign6.dgn

USER NAME = mmcconeach
PLOT SCALE = 50.0000' / 1" =
PLOT DATE = 2/2/2012

DESIGNED - PMK
DRAWN - PMK
CHECKED - MPW
DATE - 2/2/2012

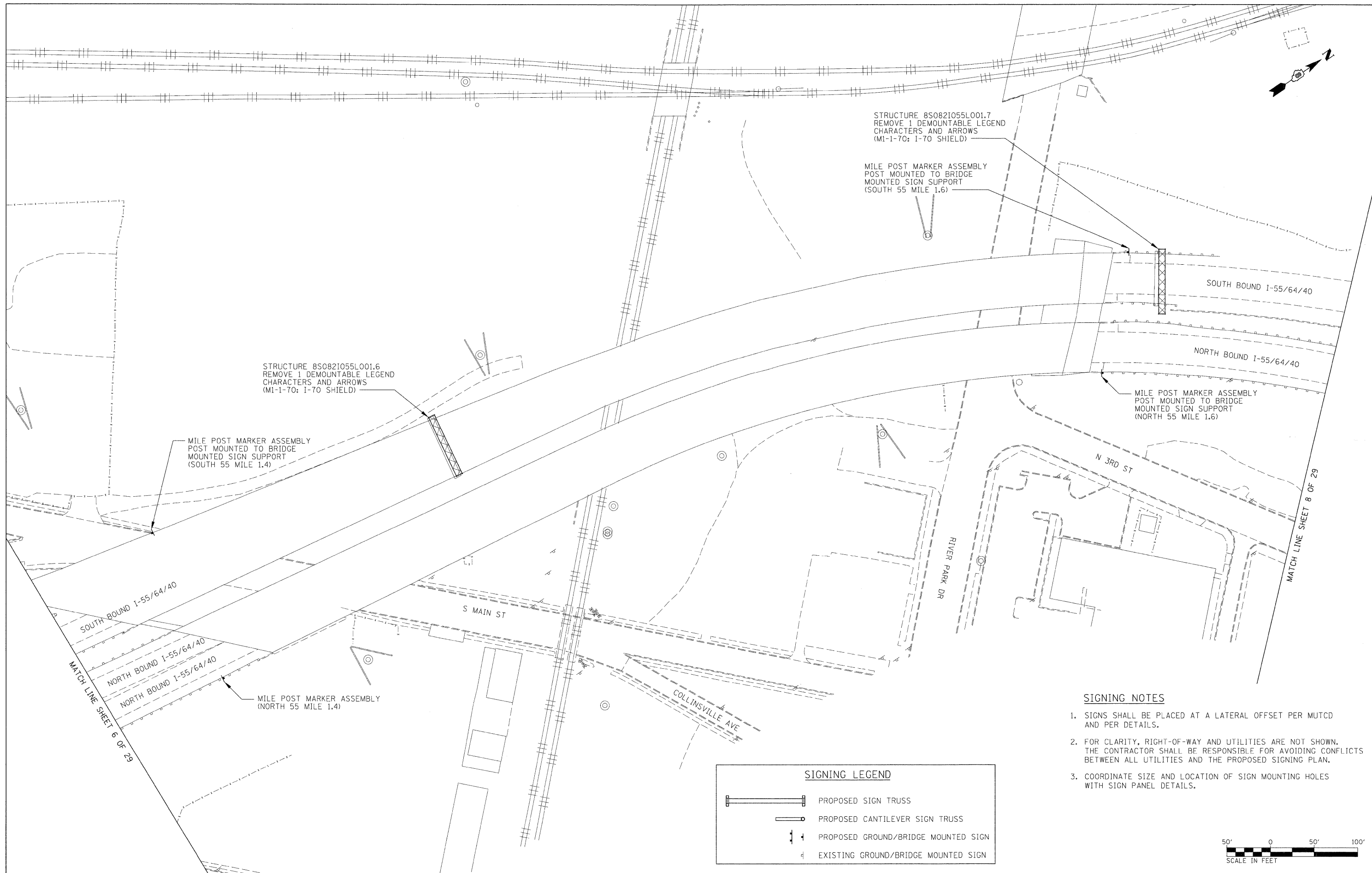
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 6 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	28
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



STRUCTURE 8S0821055L001.6
REMOVE 1 DEMOUNTABLE LEGEND
CHARACTERS AND ARROWS
(M1-1-70: I-70 SHIELD)

MILE POST MARKER ASSEMBLY
POST MOUNTED TO BRIDGE
MOUNTED SIGN SUPPORT
(SOUTH 55 MILE 1.4)

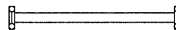



STRUCTURE 8S0821055L001.7
REMOVE 1 DEMOUNTABLE LEGEND
CHARACTERS AND ARROWS
(M1-1-70: I-70 SHIELD)

MILE POST MARKER ASSEMBLY
POST MOUNTED TO BRIDGE
MOUNTED SIGN SUPPORT
(SOUTH 55 MILE 1.6)

MILE POST MARKER ASSEMBLY
POST MOUNTED TO BRIDGE
MOUNTED SIGN SUPPORT
(NORTH 55 MILE 1.6)

MILE POST MARKER ASSEMBLY
(NORTH 55 MILE 1.4)

SIGNING LEGEND

-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME - DBTR1-76C45-shc-sign7.dgn

USER NAME = mrcconachie
PLOT SCALE = 50.0000' / 1" = 50'
PLOT DATE = 2/2/2012

DESIGNED - PMK
DRAWN - PMK
CHECKED - MPW
DATE - 2/2/2012

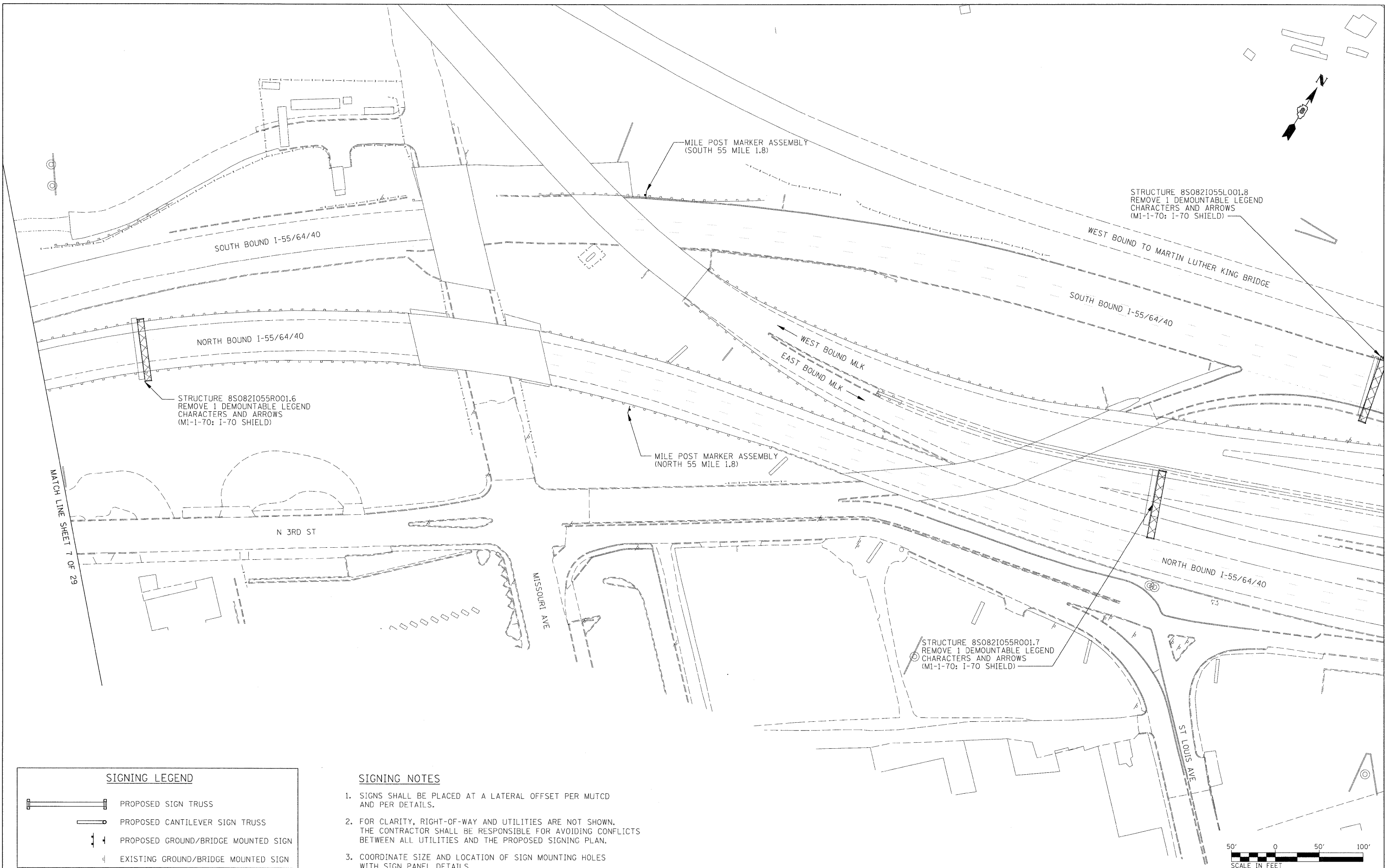
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**





SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 7 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	29
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SIGNING LEGEND

-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.

FILE NAME =
D8TR1-76C45-sht-sign8.dgn

USER NAME = mmcoona@ihs

DESIGNED - PMK

REVISED -

DRAWN - PMK

REVISED -

PLOT SCALE = 50.0000' / 1"

CHECKED - MPW

REVISED -

PLOT DATE = 2/2/2012

DATE - 2/2/2012

REVISED -

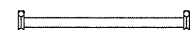



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 8 OF 29 SHEETS STA. N/A TO STA. N/A

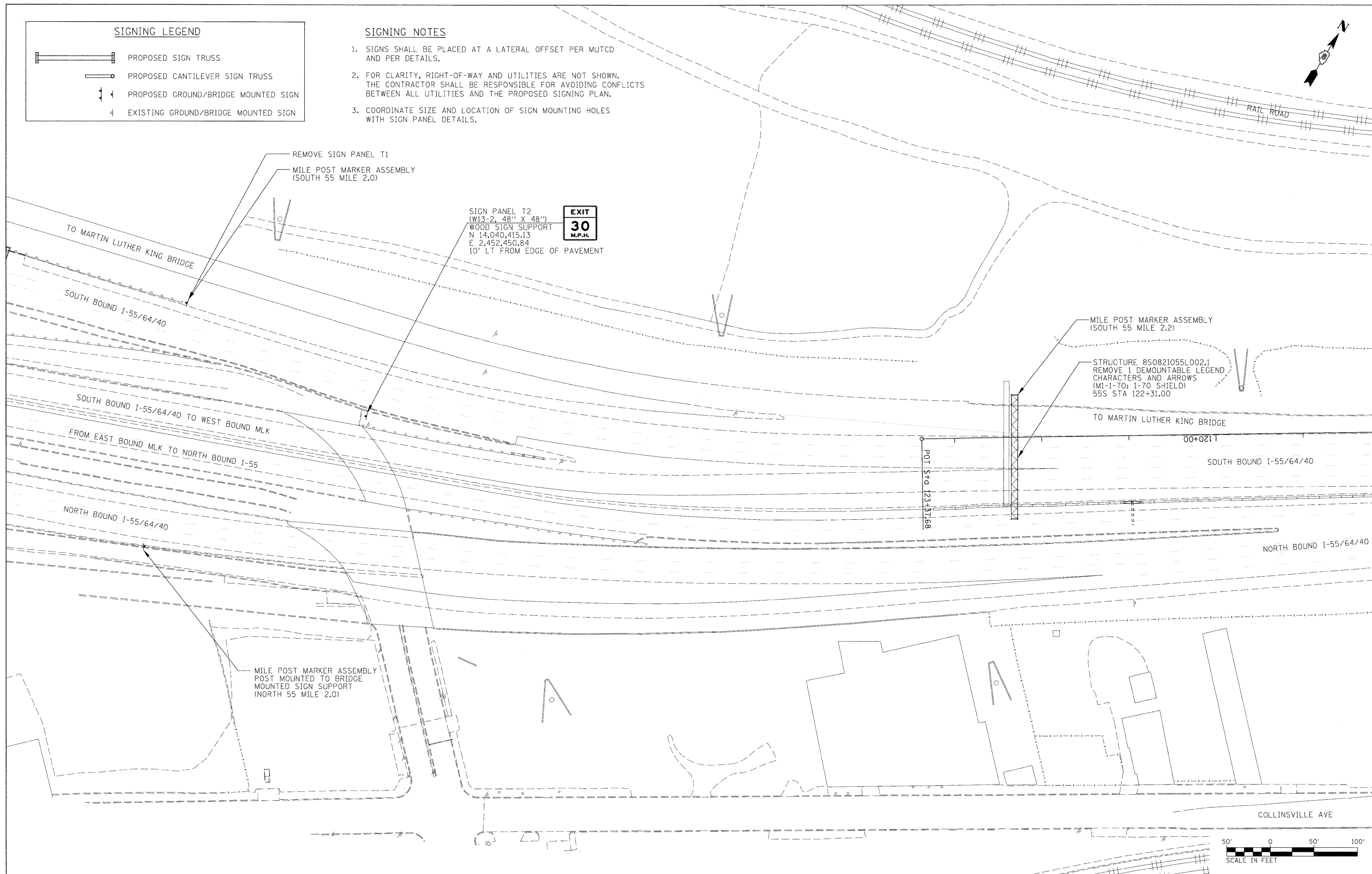
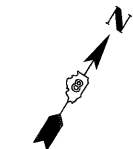
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	30
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SIGNING LEGEND

-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



SIGN PANEL T2
(W13-2, 48" X 48")
WOOD SIGN SUPPORT
N 14,040,415.13
E 2,452,450.84
10' LT FROM EDGE OF PAVEMENT



MILE POST MARKER ASSEMBLY
(SOUTH 55 MILE 2.2)

STRUCTURE 8S0821055L002.1
REMOVE 1 DEMOUNTABLE LEGEND
CHARACTERS AND ARROWS
(M1-1-70: I-70 SHIELD)
55S STA 122+31.00

MILE POST MARKER ASSEMBLY
POST MOUNTED TO BRIDGE
MOUNTED SIGN SUPPORT
(NORTH 55 MILE 2.0)



FILE NAME = D8TR1-76C45-shr-sign9.dgn	USER NAME = mccconachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

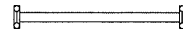



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 9 OF 29 SHEETS STA. N/A TO STA. N/A

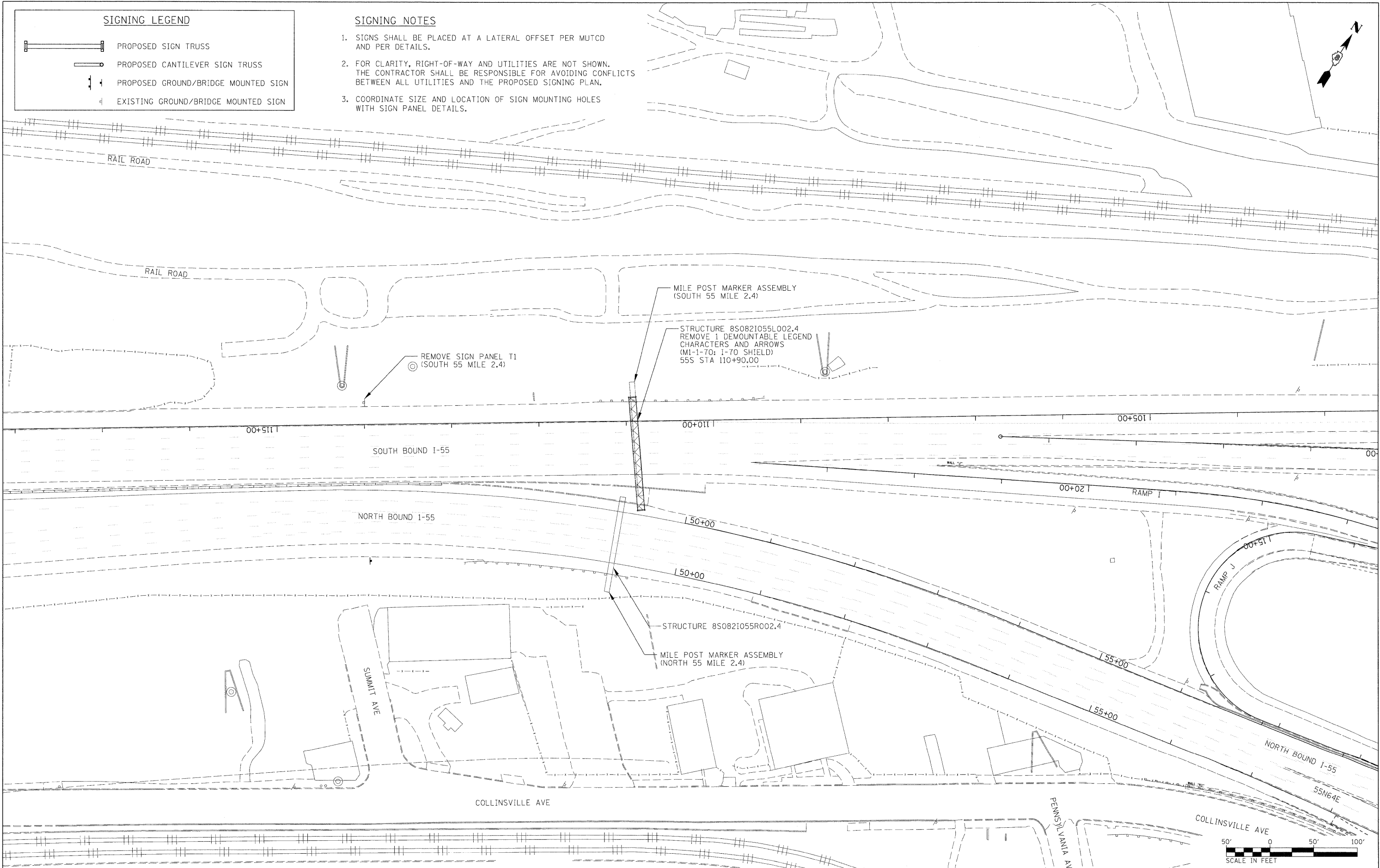
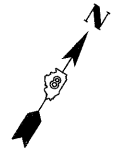
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	31
+998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGNING LEGEND

-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = DBTRI-76C45-sh1-sign10.dgn

USER NAME = mmccorachie
 DESIGNED - PMK
 DRAWN - PMK
 CHECKED - MPW
 DATE - 2/2/2012

REVISED -
 REVISED -
 REVISED -
 REVISED -





**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 10 OF 29 SHEETS STA. N/A TO STA. N/A

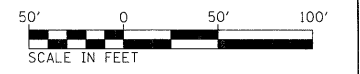
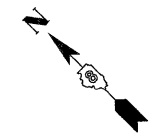
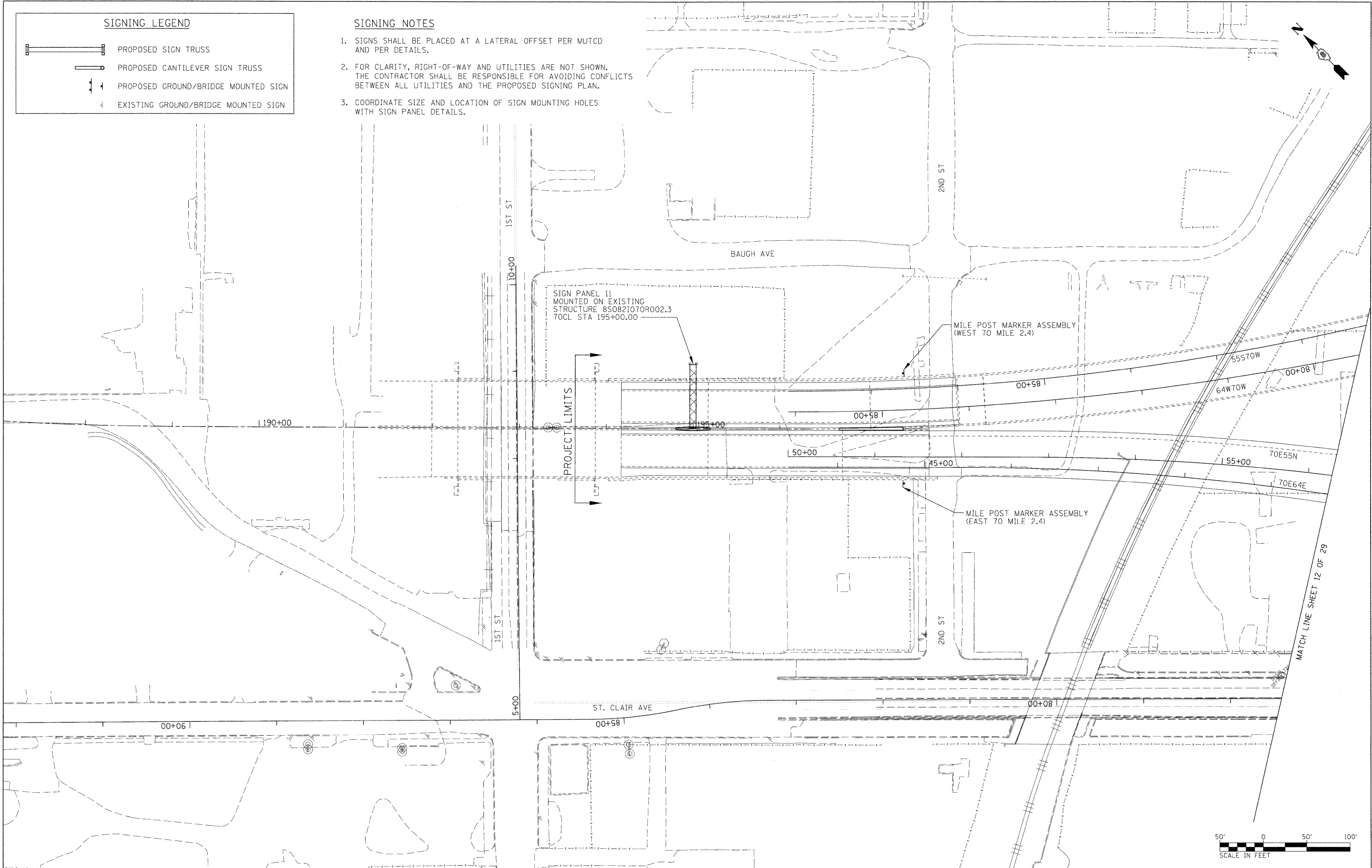
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	32
•998/10/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SIGNING LEGEND

-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = D8TR1-76C45-sht-sign11.dgn

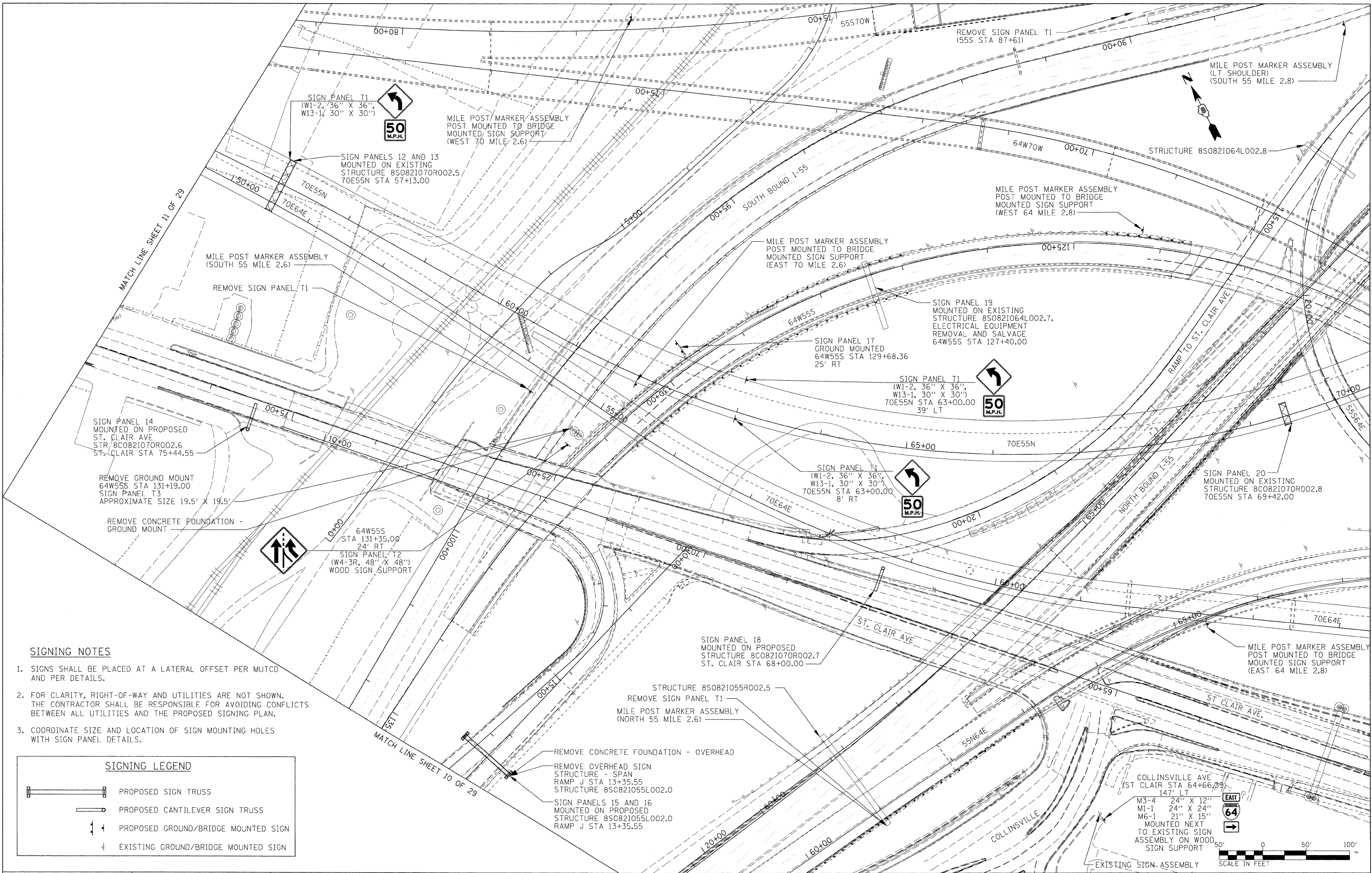
USER NAME = mncconchie
 DESIGNED - PMK
 DRAWN - PMK
 CHECKED - MPW
 DATE - 2/2/2012

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
 SCALE: 1" = 50' SHEET NO. 11 OF 29 SHEETS STA. N/A TO STA. N/A

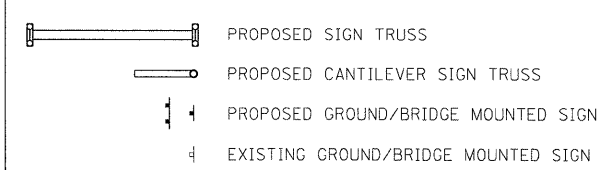
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	33
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.

SIGNING LEGEND



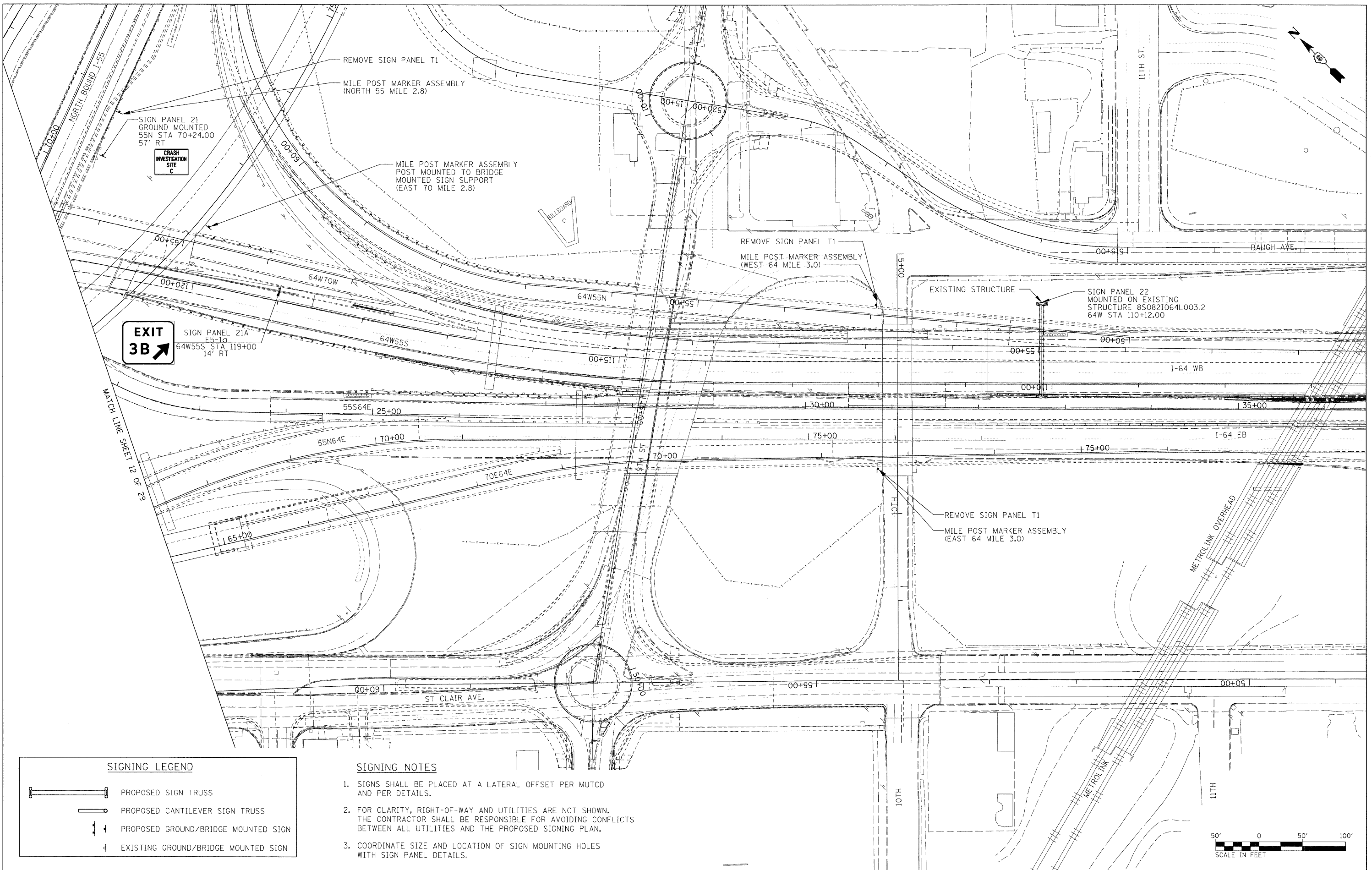
FILE NAME =	USER NAME = #mcoconchie	DESIGNED - PMK	REVISED -
DATRI-76C45-sht-sign12.dgn		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 12 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	34
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SIGN PANEL 21A
E5-1d
64W55S STA 119+00
14' RT

MATCH LINE SHEET 12 OF 29

SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
 - FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 - COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.

FILE NAME =	USER NAME = micoconache	DESIGNED - PMK	REVISED -
08TR1-76C45-sht-sign13.dgn		DRAWN - PMK	REVISED -
	PLOT SCALE = 50.0000' / 1"	CHECKED - MPW	REVISED -
	PLOT DATE = 2/2/2012	DATE - 2/2/2012	REVISED -

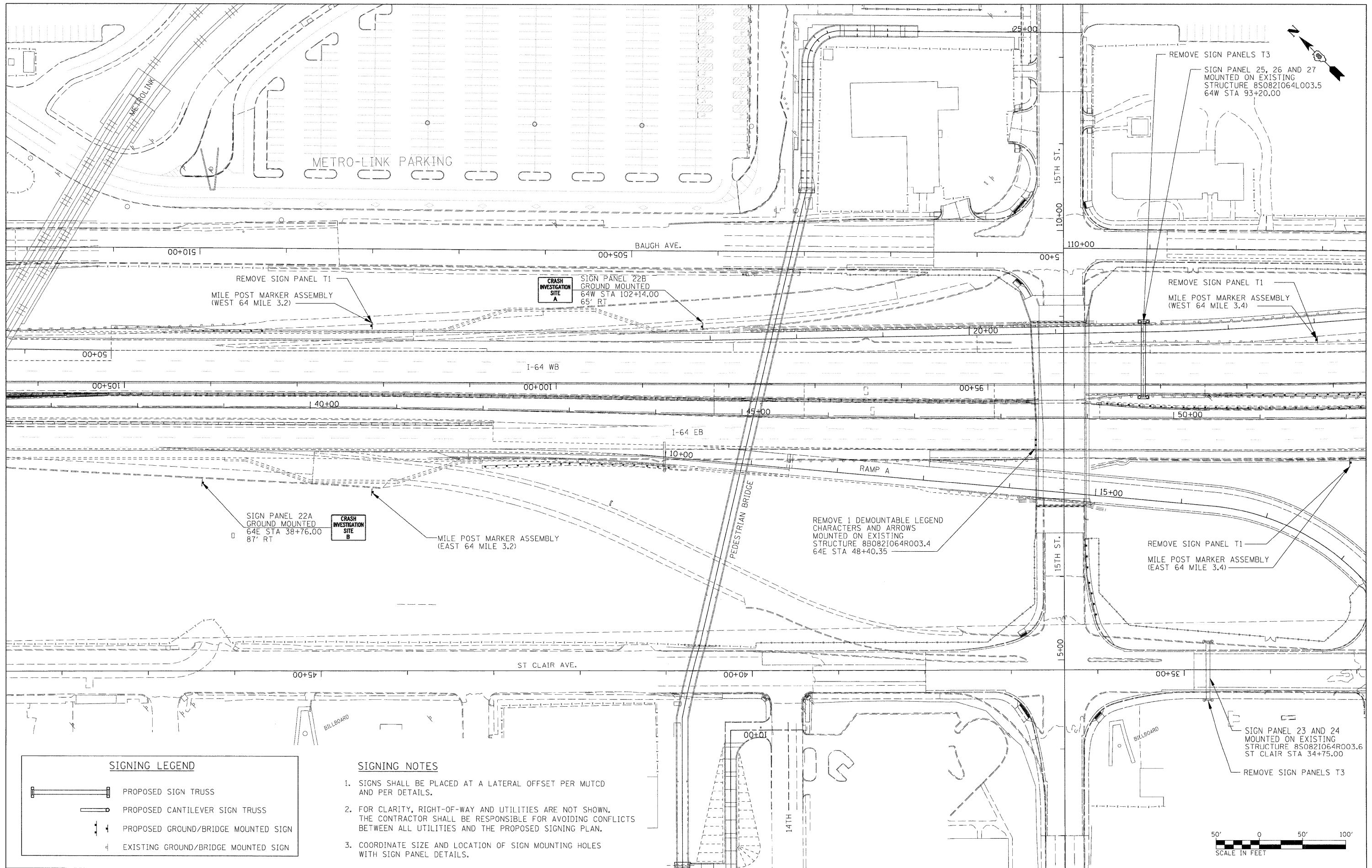
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 13 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	35
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





REMOVE SIGN PANEL T1
MILE POST MARKER ASSEMBLY
(WEST 64 MILE 3.2)

CRASH INVESTIGATION SITE A
SIGN PANEL 22B
GROUND MOUNTED
64W STA 102+14.00
65' RT

REMOVE SIGN PANELS T3
SIGN PANEL 25, 26 AND 27
MOUNTED ON EXISTING
STRUCTURE 8S0821064L003.5
64W STA 93+20.00

REMOVE SIGN PANEL T1
MILE POST MARKER ASSEMBLY
(WEST 64 MILE 3.4)

SIGN PANEL 22A
GROUND MOUNTED
64E STA 38+76.00
87' RT

CRASH INVESTIGATION SITE B

MILE POST MARKER ASSEMBLY
(EAST 64 MILE 3.2)

REMOVE 1 DEMOUNTABLE LEGEND
CHARACTERS AND ARROWS
MOUNTED ON EXISTING
STRUCTURE 8B0821064R003.4
64E STA 48+40.35

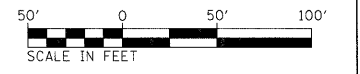
REMOVE SIGN PANEL T1
MILE POST MARKER ASSEMBLY
(EAST 64 MILE 3.4)

SIGN PANEL 23 AND 24
MOUNTED ON EXISTING
STRUCTURE 8S0821064R003.6
ST CLAIR STA 34+75.00

REMOVE SIGN PANELS T3

SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
 - FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 - COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



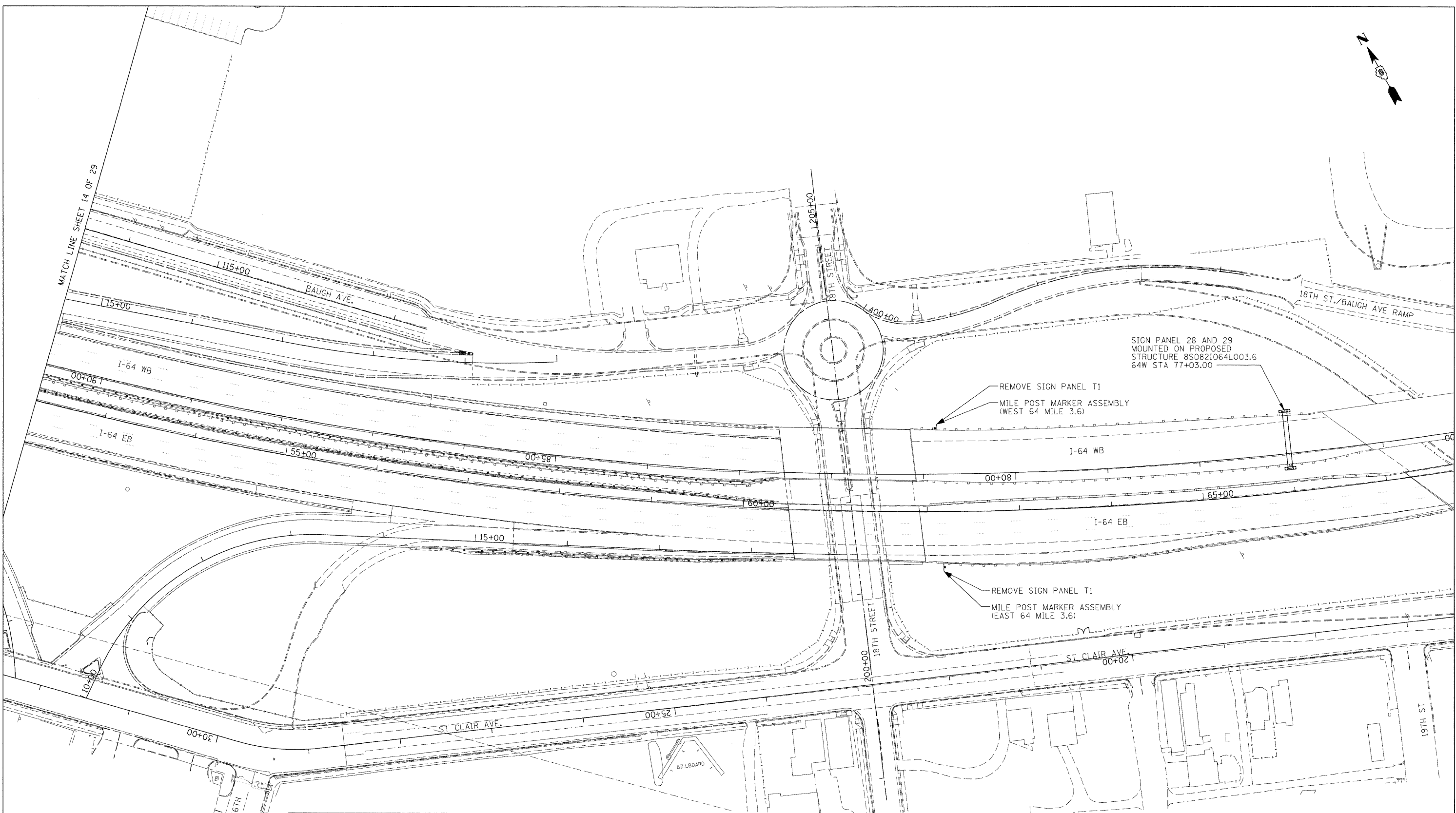
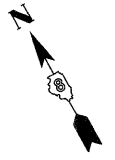
FILE NAME =	USER NAME = mmconeche	DESIGNED - PMK	REVISED -
D8TRJ-76C45-sht-sign14.dgn		DRAWN - PMK	REVISED -
	PLOT SCALE = 50.0000' / 1" =	CHECKED - MPW	REVISED -
	PLOT DATE = 2/2/2012	DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

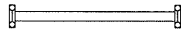



SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 14 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	36
+998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SIGNING LEGEND

-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = DBTR1-76C45-shs-sign15.dgn	USER NAME = mmcconache	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
	PLOT SCALE = 50.0000' / 1"	CHECKED - MPW	REVISED -
	PLOT DATE = 2/2/2012	DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 15 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	37
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



MATCH LINE SHEET 15 OF 29

18TH ST./BAUGH AVE RAMP

64+00

70+00

00+02.1

75+00

00+59

80+00

00+51.1

00+01.1

ST CLAIR AVE.

20TH ST

21ST ST

REMOVE SIGN PANEL T1
MILE POST MARKER ASSEMBLY
POST MOUNTED TO BRIDGE
MOUNTED SIGN SUPPORT
(WEST 64 MILE 3.8)

REMOVE SIGN PANEL T1
MILE POST MARKER ASSEMBLY
POST MOUNTED TO BRIDGE
MOUNTED SIGN SUPPORT
(EAST 64 MILE 3.8)

SIGN PANEL 30
MOUNTED ON PROPOSED
STRUCTURE 8C0821064L003.9
64W STA 68+98.98

REMOVE GROUND MOUNT SIGN
64W STA 67+75.00
APPROXIMATE SIZE 17' X 11.5'

REMOVE CONCRETE FOUNDATION - GROUND MOUNT

REMOVE GROUND-MOUNTED SIGN SUPPORT

SIGN PANEL 32
GROUND MOUNTED
64W STA 62+62.91
79' RT

SIGN PANEL 31
GROUND MOUNTED
64E STA 76+05.17
75' RT

REMOVE GROUND-MOUNTED SIGN SUPPORT
REMOVE CONCRETE FOUNDATION - GROUND MOUNT

I-64 WB

I-64 EB

SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
- FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
- COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = DBT91-76C45-shr-sign16.dgn

USER NAME = mmccanachse
PLOT SCALE = 50.0000' / 1"
PLOT DATE = 2/2/2012

DESIGNED - PMK
DRAWN - PMK
CHECKED - MPW
DATE - 2/2/2012

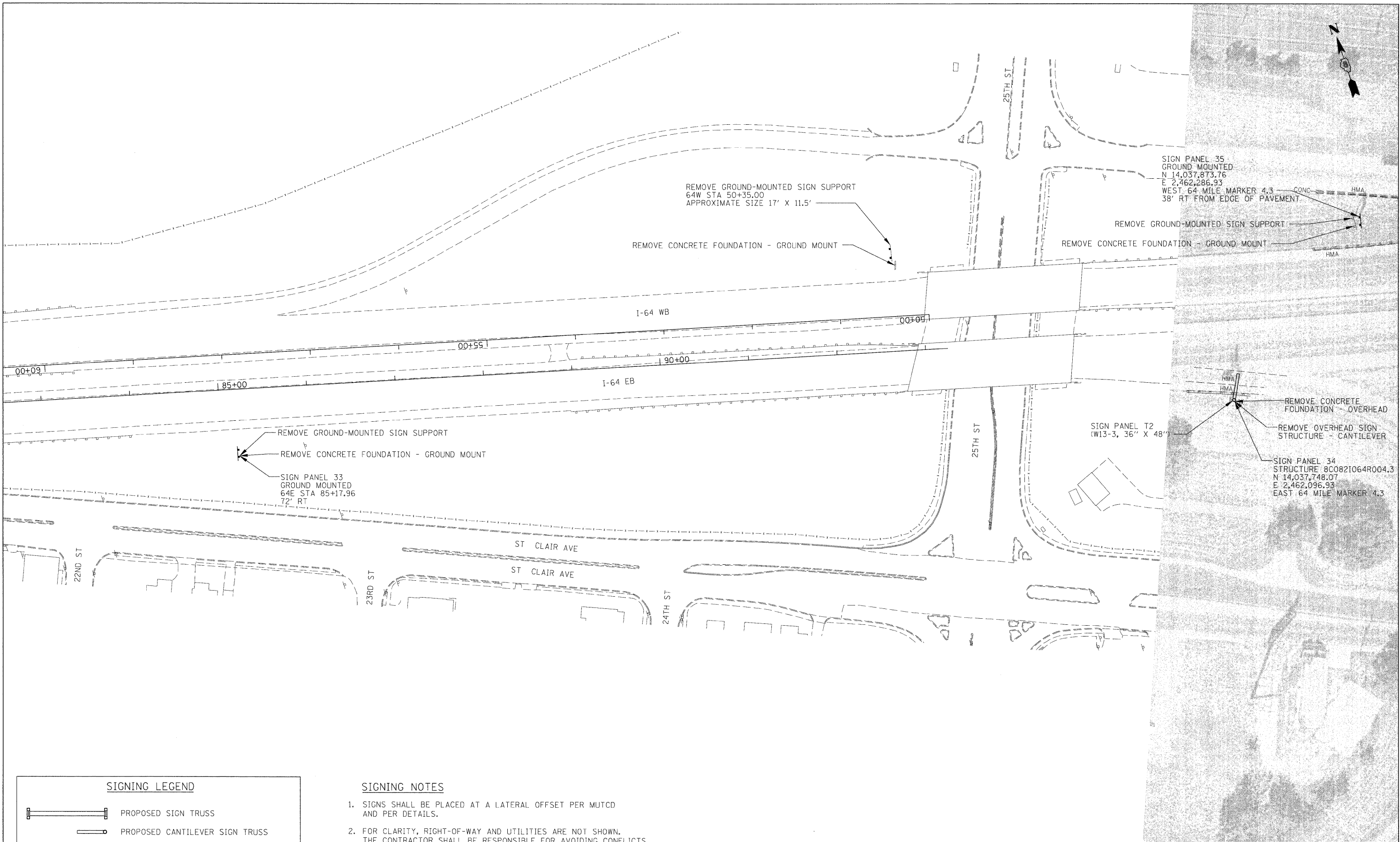
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 16 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	38
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



REMOVE GROUND-MOUNTED SIGN SUPPORT
 REMOVE CONCRETE FOUNDATION - GROUND MOUNT
 SIGN PANEL 33
 GROUND MOUNTED
 64E STA 85+17.96
 72' RT

REMOVE GROUND-MOUNTED SIGN SUPPORT
 64W STA 50+35.00
 APPROXIMATE SIZE 17' X 11.5'
 REMOVE CONCRETE FOUNDATION - GROUND MOUNT

SIGN PANEL 35
 GROUND MOUNTED
 N 14,037,873.76
 E 2,462,286.93
 WEST 64 MILE MARKER 4.3
 38' RT FROM EDGE OF PAVEMENT
 REMOVE GROUND-MOUNTED SIGN SUPPORT
 REMOVE CONCRETE FOUNDATION - GROUND MOUNT

SIGN PANEL T2
 (W13-3, 36" X 48")

REMOVE CONCRETE FOUNDATION - OVERHEAD
 REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER
 SIGN PANEL 34
 STRUCTURE 8C0821064R004.3
 N 14,037,748.07
 E 2,462,096.93
 EAST 64 MILE MARKER 4.3

SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
 - FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 - COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = DBTRI-76C45-sht-sign17.dgn

USER NAME = mmconachie	DESIGNED - PMK	REVISED -
	DRAWN - PMK	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - MPW	REVISED -
PLOT DATE = 2/2/2012	DATE - 2/2/2012	REVISED -

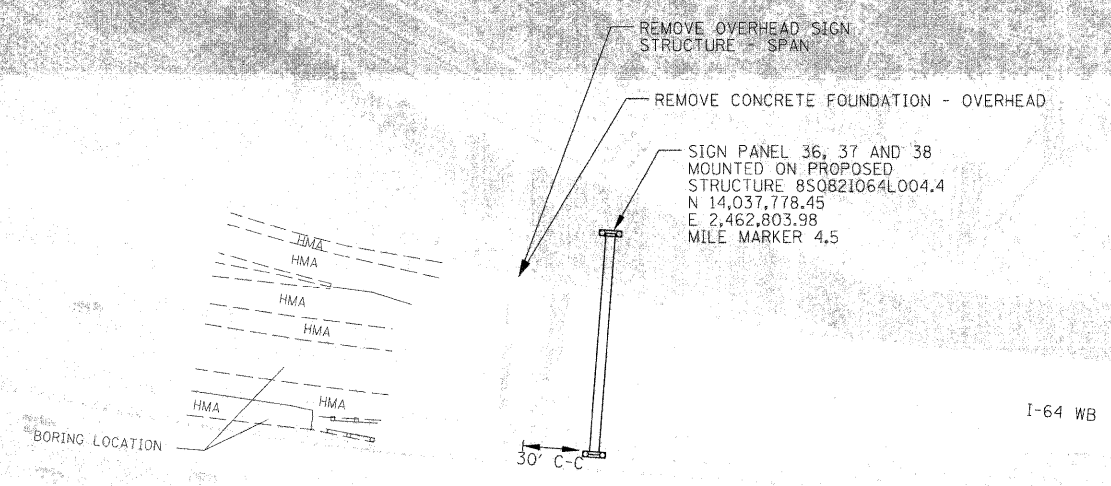
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
 SCALE: 1" = 50' SHEET NO. 17 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	39
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCH LINE SHEET 17 OF 29



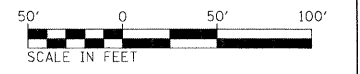
ST CLAIR AVE

N 29TH ST

SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



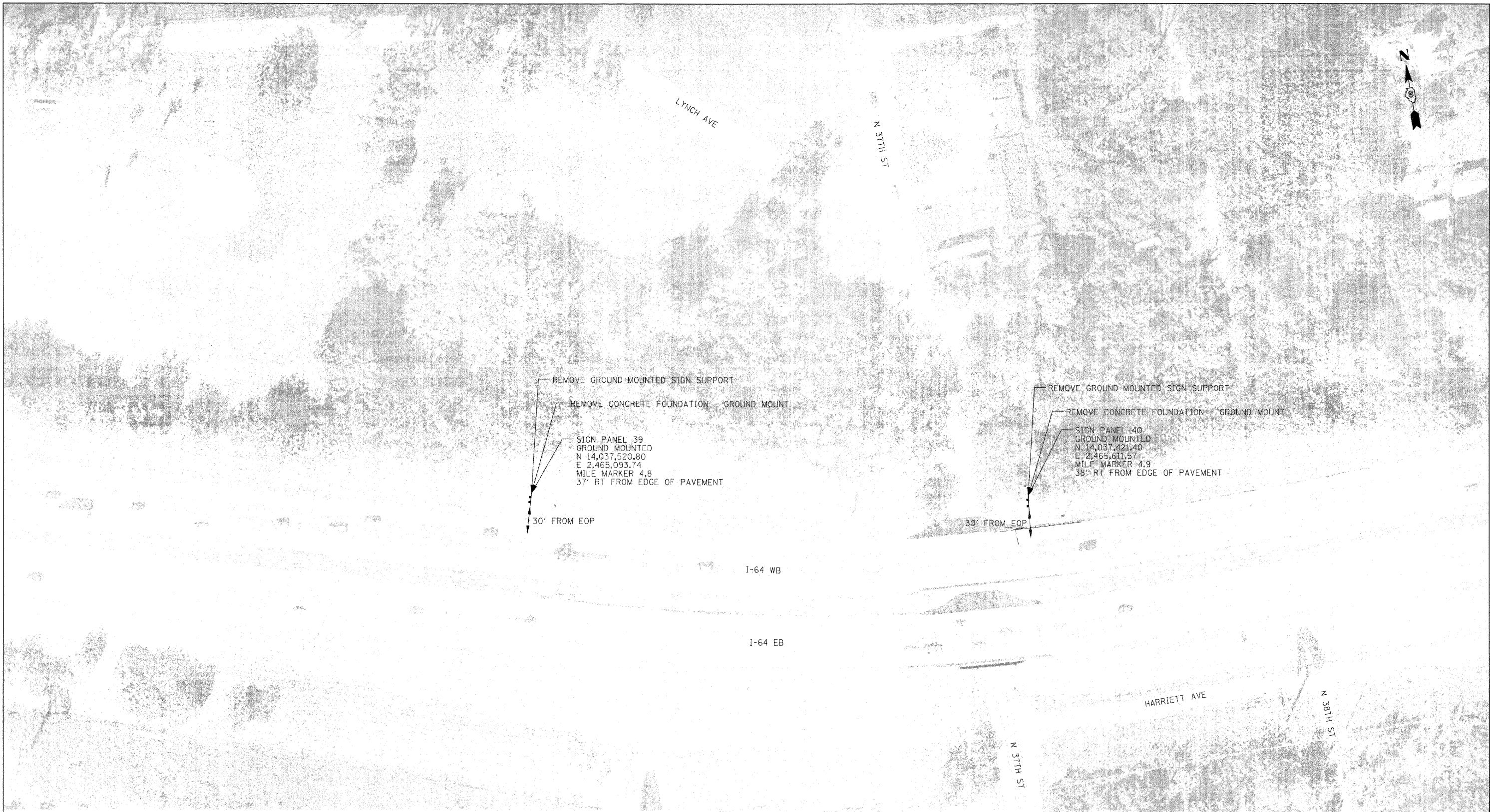
FILE NAME = 08TRI-76C45-shc-sign18.dgn	USER NAME = mmcconachis	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

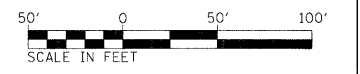
SCALE: 1" = 50' SHEET NO. 18 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	40
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
 - FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 - COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.

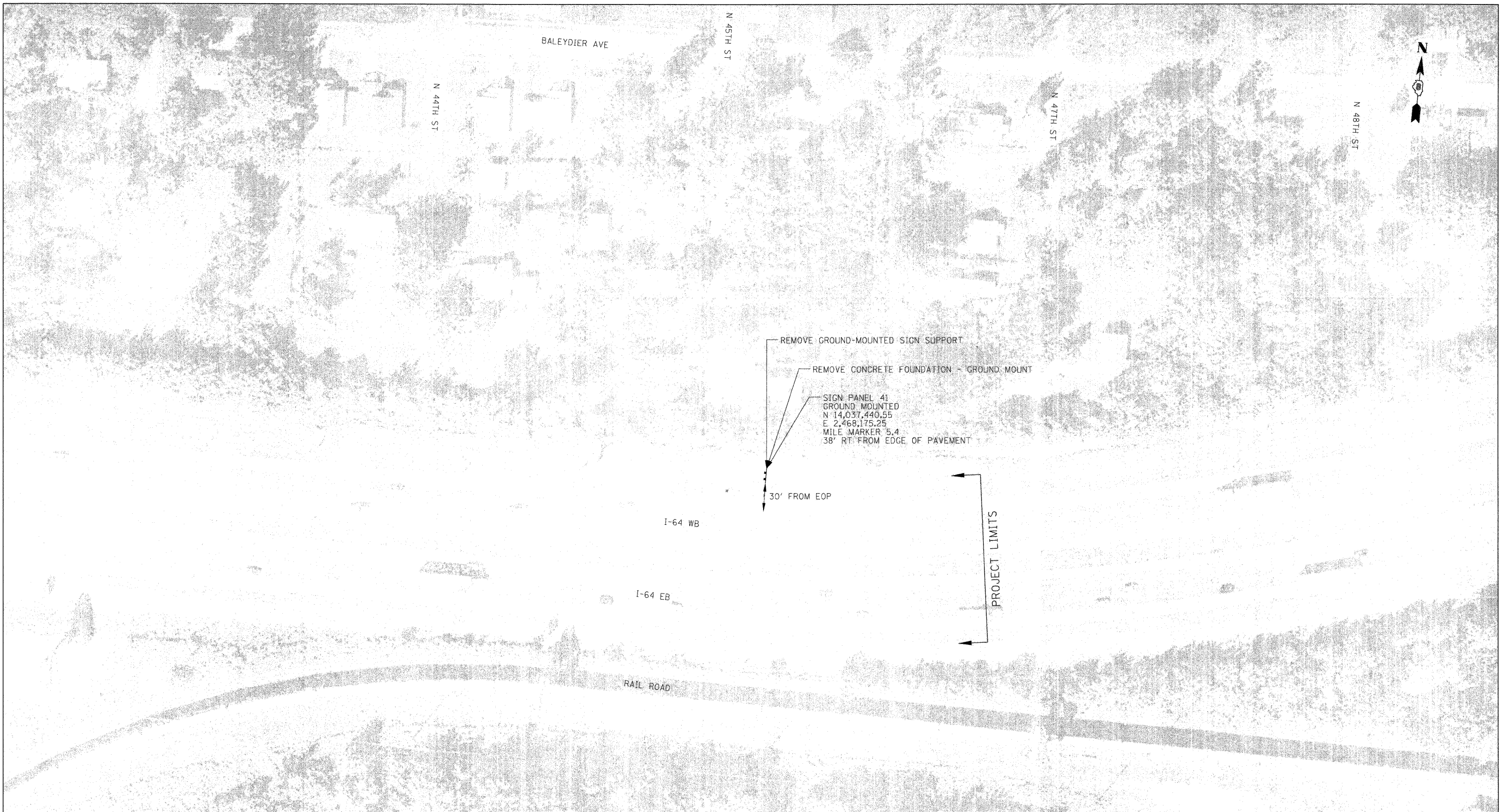


FILE NAME = DBTR1-76C45-shc-sign19.dgn	USER NAME = mmccnachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

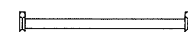



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN			
SCALE: 1" = 50'	SHEET NO. 19 OF 29 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	41
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



SIGNING LEGEND

-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



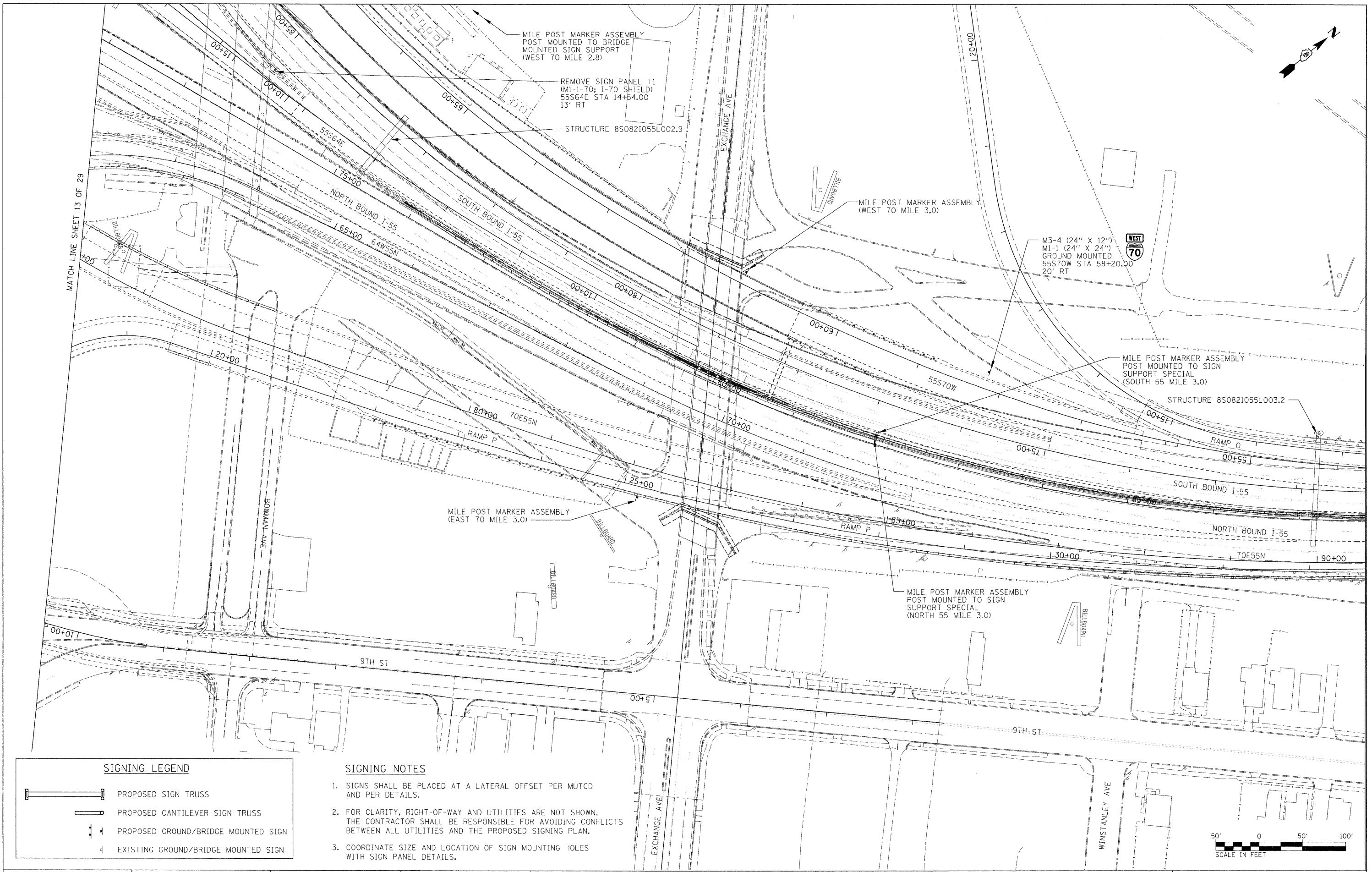
FILE NAME = DBTRI-76C45-sht-sign20.dgn	USER NAME = mmccoonachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
	PLOT SCALE = 50.0000' / 1" =	CHECKED - MPW	REVISED -
	PLOT DATE = 2/2/2012	DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 20 OF 29 SHEETS STA. N/A TO STA. N/A

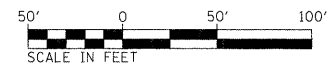
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 998/70/64	82-1SG	ST. CLAIR	145	42
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C45	



MATCH LINE SHEET 13 OF 29

SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
 2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = DBTR1-76C45-shr-sign21.dgn	USER NAME = mncconachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN			
SCALE: 1" = 50'	SHEET NO. 21 OF 29 SHEETS	STA. N/A TO STA. N/A	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	43
•998/70/64				CONTRACT NO. 76C45
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



MATCH LINE SHEET 22 OF 29

155+00

1105+00

00+00

SEE MEDIAN BARRIER
TRANSITION DETAIL SHEET 137

REMOVE CONCRETE FOUNDATION - OVERHEAD

REMOVE OVERHEAD SIGN STRUCTURE - SPAN

SIGN PANELS 44-45, 46 AND 47
MOUNTED ON PROPOSED
STRUCTURE 8S0821055L003.6
N 14,044,576.57
E 2,458,845.72
MILE MARKER 3.6

EXISTING WEST 55-70 MILE POST MARKER 3.6
RELOCATE SIGN PANEL T1 TO SIGN TRUSS LEG

SIGN PANEL 50
GROUND MOUNTED
N 14,045,075.08
E 2,459,065.03
MILE MARKER 3.7
38' RT FROM EDGE OF PAVEMENT

REMOVE CONCRETE FOUNDATION - GROUND MOUNT
REMOVE GROUND-MOUNTED SIGN SUPPORT

EXISTING EAST 55-70 MILE POST MARKER 3.6
RELOCATE SIGN PANEL T1 TO SIGN TRUSS LEG

REMOVE EXISTING GUARDRAIL

SOUTH BOUND I-55

NORTH BOUND I-55

IL RTE 203

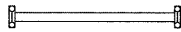



TO IL RTE 203

REMOVE OVERHEAD SIGN
STRUCTURE - CANTILEVER
55N MILE 3.6
STRUCTURE 8C0821055R003.6

REMOVE CONCRETE FOUNDATION - OVERHEAD

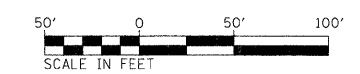
SIGN PANELS 48 AND 49
MOUNTED ON PROPOSED
STRUCTURE 8S0821055R003.6
N 14,044,532.24
E 2,458,888.45
MILE MARKER 3.6

SIGNING LEGEND

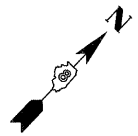
-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

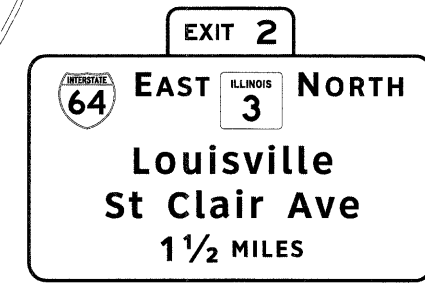
1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = D8TR1-76C45-sht-sign23.dgn	USER NAME = mmccornache	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000' / 1"	DRAWN - PMK	REVISED -			•	82-15G	ST. CLAIR	145	45	
	PLOT DATE = 2/2/2012	CHECKED - MPW	REVISED -			*998/70/64	CONTRACT NO. 76C45				
		DATE - 2/2/2012	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				
				SCALE: 1" = 50'		SHEET NO. 23 OF 29 SHEETS		STA. N/A TO STA. N/A			



SOUTH I-55 RAMP TO IL RTE 203



REMOVE SIGN PANEL T3
APPROXIMATE SIZE 12' X 19'
FROM EXISTING TRUSS AT
SOUTH I-55 MILE 4.3

REMOVE SIGN PANEL T3
SIGN PANELS 51 AND 52
MOUNTED ON EXISTING
STRUCTURE 8B0821055L004.0,
ELECTRICAL EQUIPMENT
REMOVAL AND SALVAGE
N 14,046,370.31
E 2,460,330.65
MILE MARKER 4.0

SOUTH BOUND I-55

NORTH BOUND I-55

SOUTH BOUND IL STATE RTE 203

NORTH BOUND IL STATE RTE 203

NORTH IL RTE 203 RAMP TO NORTH I-55

OUTER RD

SIGNING LEGEND

	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
 - FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 - COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



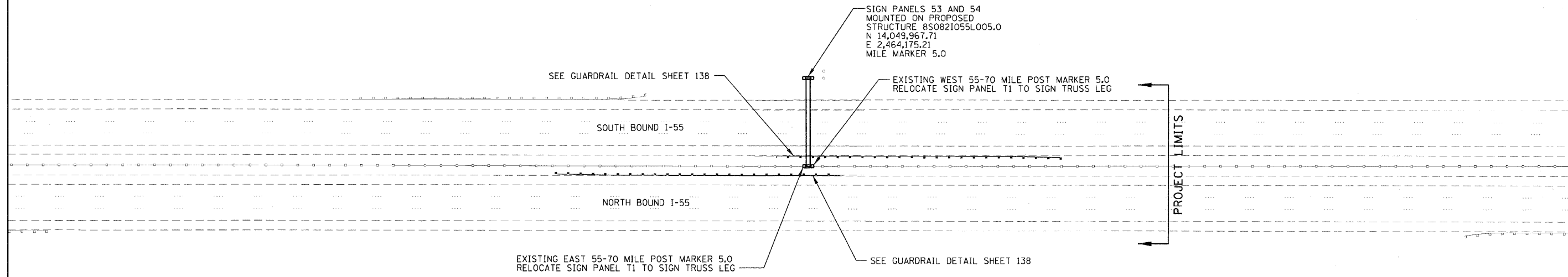
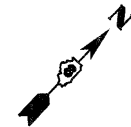
FILE NAME = DBTRI-76C45-sht-sign24.dgn	USER NAME = mmconochie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50'	SHEET NO. 24 OF 29 SHEETS	STA. N/A TO STA. N/A
-----------------	---------------------------	----------------------

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	46
•998/70/64		CONTRACT NO. 76C45		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

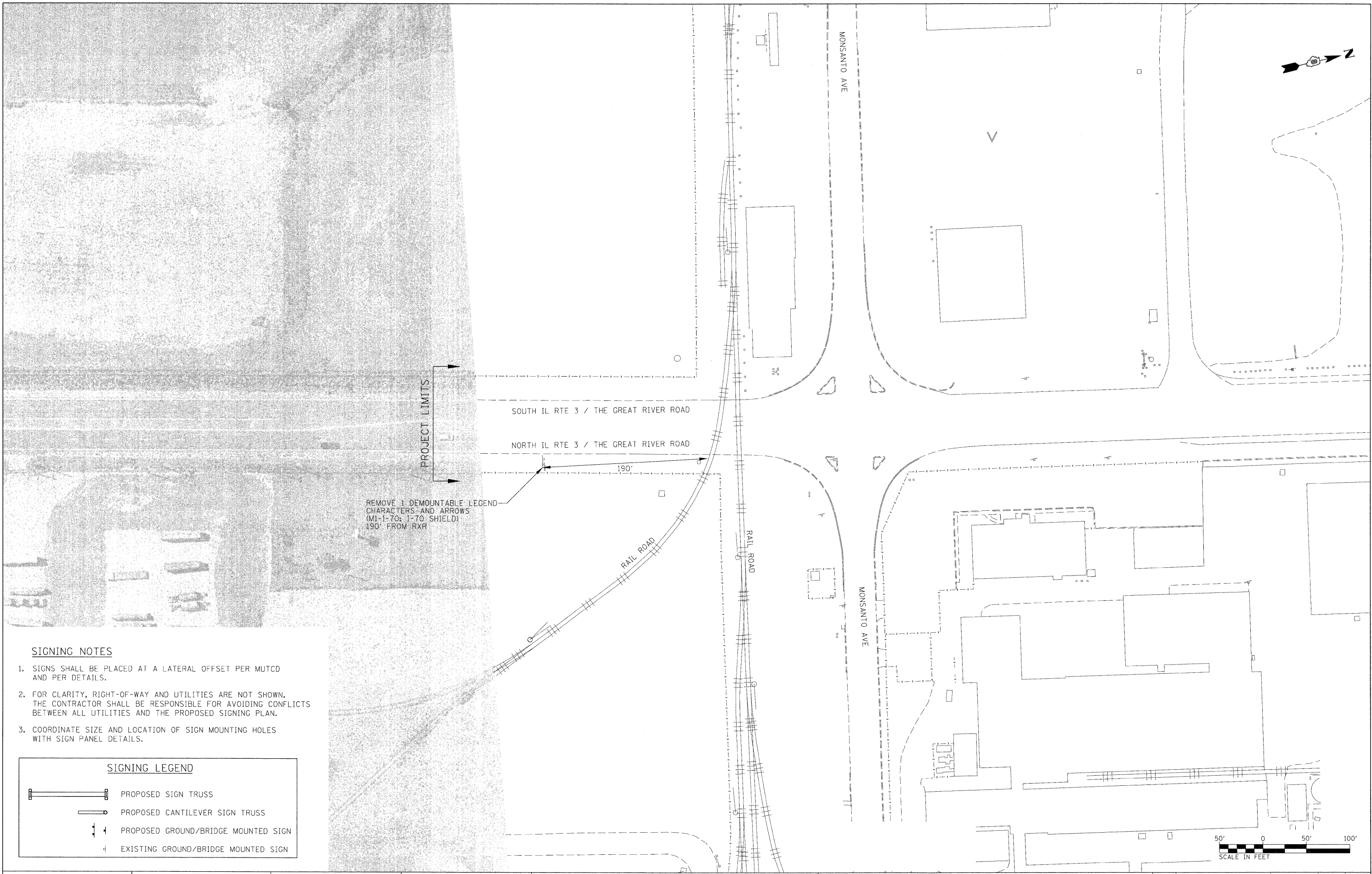


SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
 2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = DBTRI-76C45-sht-sign25.dgn	USER NAME = mmccanachie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN	F.A.I. RTE. *	SECTION 82-1SG	COUNTY ST. CLAIR	TOTAL SHEETS 145	SHEET NO. 47	
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MPW	REVISED -			SCALE: 1" = 50'	SHEET NO. 25 OF 29 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 76C45	
	PLOT DATE = 3/2/2012	DATE - 3/2/2012	REVISED -					ILLINOIS FED. AID PROJECT			



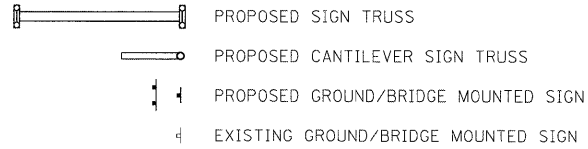
PROJECT LIMITS

REMOVE 1 DEMOUNTABLE LEGEND
CHARACTERS AND ARROWS
(M1-1-70; 1-70 SHIELD)
190' FROM RXR

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.

SIGNING LEGEND



FILE NAME =
D8TR1-76C45-sht-sign26.dgn

USER NAME = mmccornachie
PLOT SCALE = 50.0000' / in.
PLOT DATE = 2/2/2012

DESIGNED - PMK
DRAWN - PMK
CHECKED - MPW
DATE - 2/2/2012

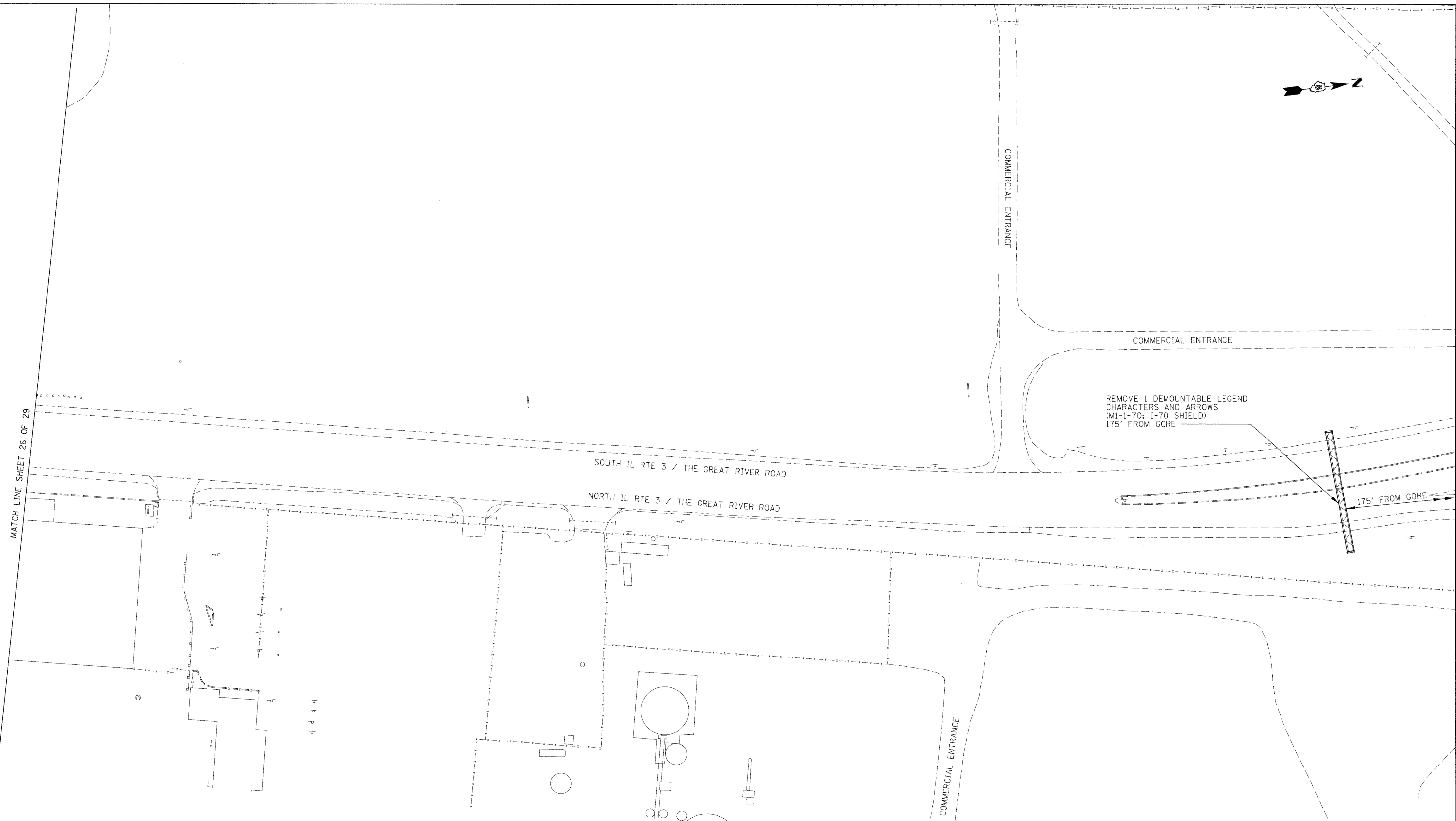
REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 26 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	48
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



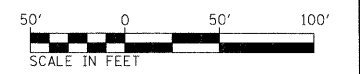
MATCH LINE SHEET 26 OF 29

REMOVE 1 DEMOUNTABLE LEGEND
CHARACTERS AND ARROWS
(MI-1-70; I-70 SHIELD)
175' FROM GORE

175' FROM GORE

SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
- SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
 - FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 - COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = DBTRI-76C45-sht-sign27.dgn

USER NAME = mmconachi

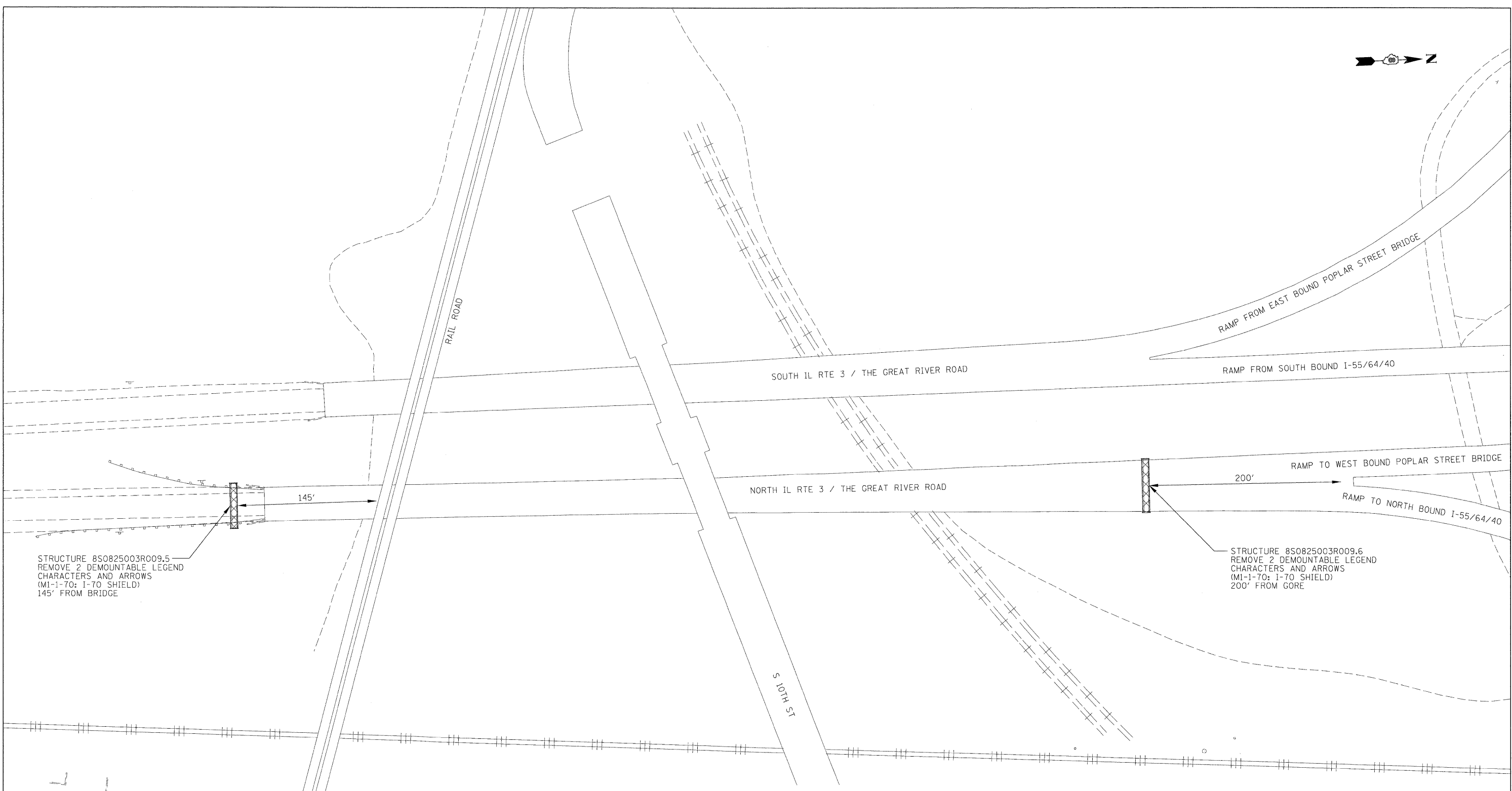
DESIGNED - PMK
DRAWN - PMK
CHECKED - MPW
DATE - 2/2/2012

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN
SCALE: 1" = 50' SHEET NO. 27 OF 29 SHEETS STA. N/A TO STA. N/A





F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	49
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STRUCTURE 8S0825003R009.5
 REMOVE 2 DEMOUNTABLE LEGEND
 CHARACTERS AND ARROWS
 (M1-1-70: I-70 SHIELD)
 145' FROM BRIDGE

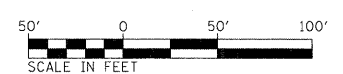
STRUCTURE 8S0825003R009.6
 REMOVE 2 DEMOUNTABLE LEGEND
 CHARACTERS AND ARROWS
 (M1-1-70: I-70 SHIELD)
 200' FROM GORE

SIGNING LEGEND

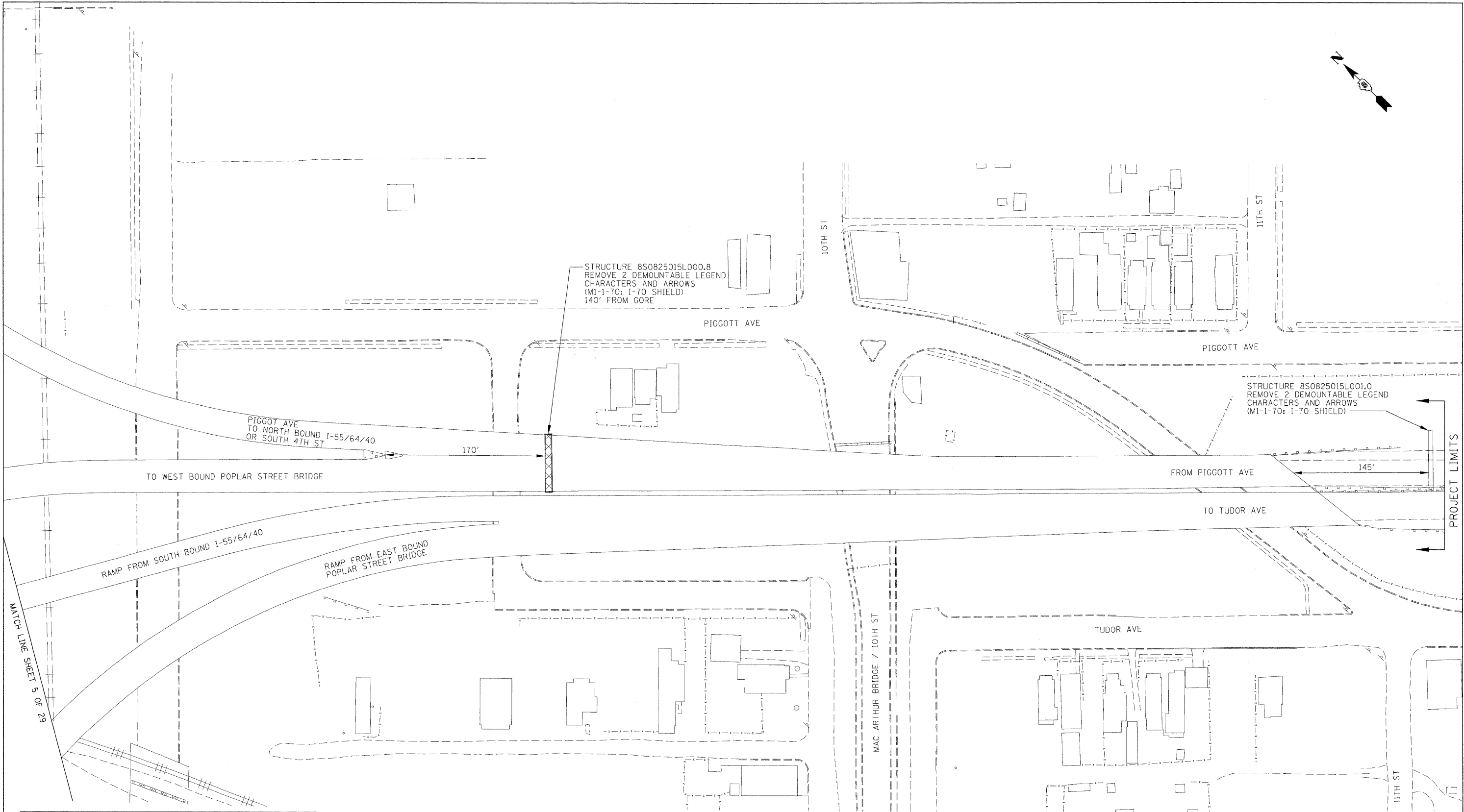
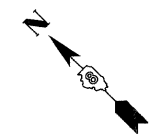
-  PROPOSED SIGN TRUSS
-  PROPOSED CANTILEVER SIGN TRUSS
-  PROPOSED GROUND/BRIDGE MOUNTED SIGN
-  EXISTING GROUND/BRIDGE MOUNTED SIGN

SIGNING NOTES

1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = 08TRI-76C45-shr-sign28.dgn	USER NAME = mmconachje	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGNING PLAN	F.A.I. RTE. =	SECTION = 82-1SG	COUNTY = ST. CLAIR	TOTAL SHEETS = 145	SHEET NO. = 50	
	PLOT SCALE = 50.0000' / 1" =	DRAWN - PMK	REVISED -								
	PLOT DATE = 2/2/2012	CHECKED - MPW	REVISED -								
		DATE = 2/2/2012	REVISED -								
SCALE: 1" = 50' SHEET NO. 28 OF 29 SHEETS STA. N/A TO STA. N/A						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT CONTRACT NO. 76C45					



MATCH LINE SHEET 5 OF 29

SIGNING LEGEND	
	PROPOSED SIGN TRUSS
	PROPOSED CANTILEVER SIGN TRUSS
	PROPOSED GROUND/BRIDGE MOUNTED SIGN
	EXISTING GROUND/BRIDGE MOUNTED SIGN

- SIGNING NOTES**
1. SIGNS SHALL BE PLACED AT A LATERAL OFFSET PER MUTCD AND PER DETAILS.
 2. FOR CLARITY, RIGHT-OF-WAY AND UTILITIES ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING CONFLICTS BETWEEN ALL UTILITIES AND THE PROPOSED SIGNING PLAN.
 3. COORDINATE SIZE AND LOCATION OF SIGN MOUNTING HOLES WITH SIGN PANEL DETAILS.



FILE NAME = D8TR1-76C45-sht-sign29.dgn	USER NAME = mmconachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING PLAN

SCALE: 1" = 50' SHEET NO. 29 OF 29 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	51
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SIGN PANEL 1
 NB I-55 PAST ALIGNMENT LIMITS
 MILE POST MARKER 209.3
 STR IN MISSOURI



SIGN NUMBER	Sign Panel 1
WIDTH x HGHT.	21'-0" x 18'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	29	117	36	36
M1_1	0	89	117	36	36
M1_4	0	137	117	36	36
M1_1	0	196	117	36	36

LETTER POSITIONS (X)													LENGTH	
T	O												ClearviewHwy-5-W	
202.1	213.8												22.9	12
N	O	R	T	H									ClearviewHwy-5-W	
14	31.2	46.6	58.5	70.8									65.9	15,12
E	A	S	T										ClearviewHwy-5-W	
108.8	121.5	135.2	146.6										46.5	15,12
E	A	S	T										ClearviewHwy-5-W	
191.5	204.2	218	229.4										46.5	15,12
C	h	i	c	a	g	o							ClearviewHwy-5-W	
73.5	91.3	108.1	116.9	131.3	147.6	164.7							103.5	1613
L	o	u	i	s	v	i	l	l	e				ClearviewHwy-5-W	
62.7	76.3	94.1	110.7	118.8	132.2	148.2	157.7	167.5	176.7				125.7	1613
l	n	d	i	a	n	a	p	o	l	i	s		ClearviewHwy-5-W	
43.9	53.3	69.8	87.1	95.5	112.5	128.6	145.5	161.9	179.6	189.1	197.3		163.6	1613
A	L	L		L	A	N	E	S					ClearviewHwy-5-W	
81.5	93.8	102.8	108.7	119.8	127.8	140	152.2	161.2					86.8	10

FILE NAME =	USER NAME = mmccorchie	DESIGNED - PMK	REVISED -
D8TRI-76C45-sht-signs-details.dgn		DRAWN - PMK	REVISED -
	PLOT SCALE = 3.0000" / in.	CHECKED - MPW	REVISED -
	PLOT DATE = 2/2/2012	DATE - 2/2/2012	REVISED -

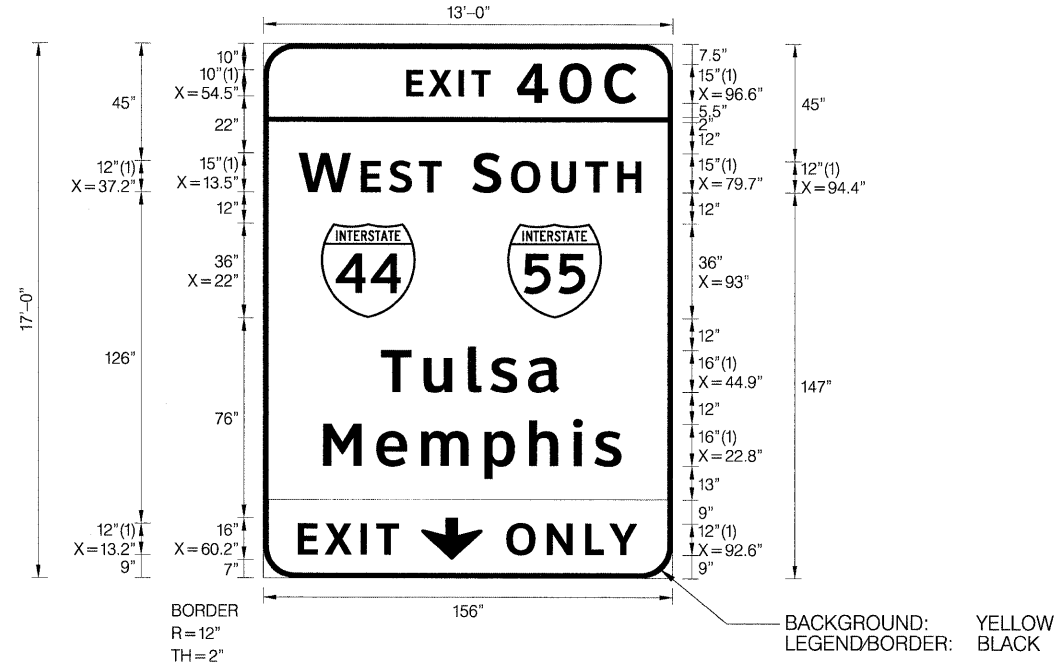
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 1 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	52
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGN PANEL 4
SB I-55 PAST ALIGNMENT LIMITS
MILE POST MARKER 209.3
STR IN MISSOURI



SIGN NUMBER	Sign Panel 4
WIDTH x HGHT.	13'-0" x 17'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White,BlackWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	22	99	36	36
M1_1	0	93	99	36	36
ARNDOWN	0	60	7	23.3	16

LETTER POSITIONS (X)								LENGTH	SERIES/SIZE
E	X	I	T	4	0	C			ClearviewHwy-5-W
54.5	63	74.4	79.4	96.6	112.8	129.9		87.6	10,15
W	E	S	T						ClearviewHwy-5-W
13.5	37.2	47.9	59.3					54.5	15,12
S	O	U	T	H					ClearviewHwy-5-W
79.7	94.4	109.8	122.7	134.9				64.4	15,12
T	u	l	s	a					ClearviewHwy-5-W
44.9	61.1	78	86.6	100.9				67.8	16,13
M	e	m	p	h	i	s			ClearviewHwy-5-W
22.8	43	60.2	84.3	101.3	118.1	126.2		113.6	16,13
E	X	I	T						ClearviewHwy-5-W
13.2	23.4	37.1	43					38.5	12
O	N	L	Y						ClearviewHwy-5-W
92.6	108.1	122.7	132					49.8	12

SIGN PANEL 5
SB I-55 PAST ALIGNMENT LIMITS
MILE POST MARKER 209.3
STR IN MISSOURI



SIGN NUMBER	Sign Panel 5
WIDTH x HGHT.	15'-0" x 18'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White,BlackWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	30	91.5	36	36
M1_1	0	109	91.5	36	36
ARSHRT	45	75	7	20	22.5

LETTER POSITIONS (X)								LENGTH	SERIES/SIZE			
E	X	I	T	4	0	D			ClearviewHwy-5-W			
78.8	87.4	98.8	103.7	120.9	137.1	154.8		88.1	10,15			
T	O								ClearviewHwy-5-W			
114.9	126.6							22.9	12			
E	A	S	T						ClearviewHwy-5-W			
26.2	38.9	52.7	64.1					46.5	15,12			
W	E	S	T						ClearviewHwy-5-W			
99.6	123.3	134	145.4					54.5	15,12			
M	e	m	o	r	i	a	l	D	r	ClearviewHwy-5-W		
9.6	29.8	47	70.4	88.2	99.8	108.3	125.2	130.3	147.9	166.4	164.1	16,13
K	a	n	s	a	s	C	i	t	y			ClearviewHwy-5-W
19	33.9	49.8	64.6	78.1	92.8	102.3	118.6	135	142.3	152.4	145.1	15,12.2
E	X	I	T									ClearviewHwy-5-W
25.6	35.9	49.5	55.5								38.5	12

FILE NAME =	USER NAME = mmcconeachje	DESIGNED - PMK	REVISED -
DBTR1-76C45-shr-signs-details.dgn		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 3 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	54
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SIGN PANEL 6
 NB I-55 PAST ALIGNMENT LIMITS
 MILE POST MARKER 0.1
 STR 8S0821055R000.1



SIGN NUMBER	Sign Panel 6
WIDTH x HGHT.	21'-0" x 18'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	29	117	36	36
M1_1	0	89	117	36	36
M1_4	0	137	117	36	36
M1_1	0	195.8	117	36	36

LETTER POSITIONS (X)													LENGTH	SERIESIZE
T	O													ClearviewHwy-5-W
202	213.7												22.9	12
N	O	R	T	H										ClearviewHwy-5-W
14.1	31.3	46.7	58.6	70.9									65.9	15,12
E	A	S	T											ClearviewHwy-5-W
108.8	121.5	135.2	146.6										46.5	15,12
E	A	S	T											ClearviewHwy-5-W
191.4	204.1	217.9	229.3										46.5	15,12
C	h	i	c	a	g	o								ClearviewHwy-5-W
73.5	91.3	108.1	116.9	131.3	147.6	164.7							103.5	16/13
L	o	u	i	s	v	i	l	l	e					ClearviewHwy-5-W
62.7	76.3	94.1	110.7	118.8	132.2	148.2	157.7	167.5	176.7				125.7	16/13
I	n	d	i	a	n	a	p	o	l	i	s			ClearviewHwy-5-W
43.9	53.3	69.8	87.1	95.5	112.5	128.6	145.5	161.9	179.6	189.1	197.3		163.6	16/13
A	L	L		L	A	N	E	S						ClearviewHwy-5-W
81.5	93.8	102.8	108.7	119.8	127.8	140	152.2	161.2					86.8	10

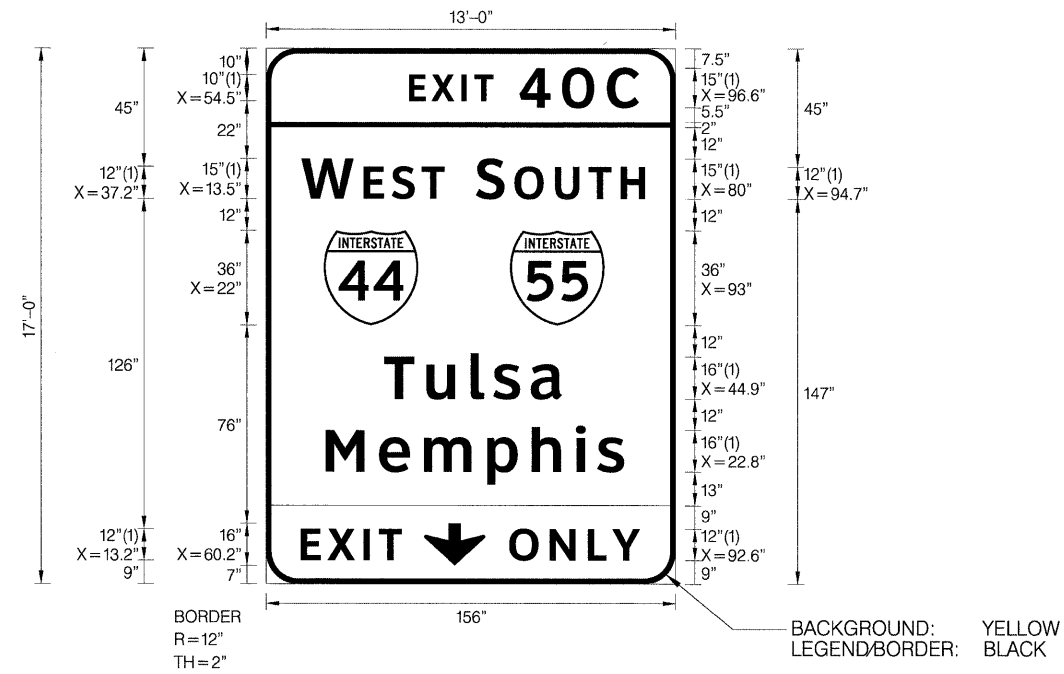
FILE NAME = DBTRI-76C45-sht-signs-details.dgn	USER NAME = mmcconeach	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGN PANEL DETAILS			
SCALE: N/A	SHEET NO. 4 OF 35 SHEETS	STA. N/A TO STA. N/A	

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	55
*998/70/64		CONTRACT NO. 76C45		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 9
 SB I-55 PAST ALIGNMENT LIMITS
 MILE POST MARKER 0.1
 STR 8S0821055R000.1



SIGN NUMBER	Sign Panel 9
WIDTH x HGHT.	13'-0" x 17'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White,BlackWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	22	99	36	36
M1_1	0	93	99	36	36
ARDOWN	0	60.2	7	23.3	16

LETTER POSITIONS (X)							LENGTH	SERIES/SIZE
E	X	I	T	4	0	C		ClearviewHwy-5-W
54.5	63	74.4	79.4	96.6	112.8	129.9	87.6	10,15
W	E	S	T					ClearviewHwy-5-W
13.5	37.2	47.9	59.3				54.5	15,12
S	O	U	T	H				ClearviewHwy-5-W
79.7	94.4	109.8	122.7	134.9			64.4	15,12
T	u	l	s	a				ClearviewHwy-5-W
44.9	61.1	78	86.6	100.9			67.8	1613
M	e	m	p	h	i	s		ClearviewHwy-5-W
22.8	43	60.2	84.3	101.3	118.1	126.2	113.6	1613
E	X	I	T					ClearviewHwy-5-W
13.2	23.4	37.1	43				38.5	12
O	N	L	Y					ClearviewHwy-5-W
92.6	108.1	122.7	132				49.8	12

FILE NAME = DBTRI-76C45-sht-signs-details.dgn	USER NAME = mmcoconachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

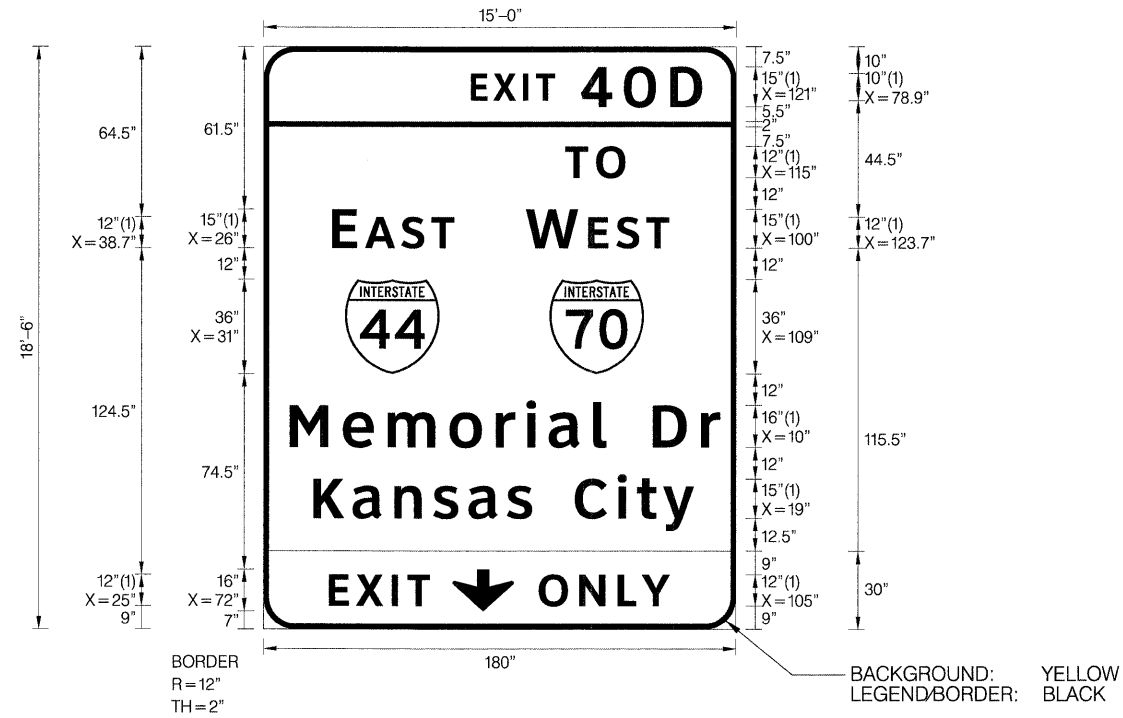
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 6 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	57
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGN PANEL 10
 SB I-55 PAST ALIGNMENT LIMITS
 MILE POST MARKER 0.1
 STR 8S0821055R000.1



SIGN NUMBER	Sign Panel 10
WIDTH x HGHT.	15'-0" x 18'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGENDBORDER	TYPE: ZZ Retro Reflective COLOR: White,BlackWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	31	97.5	36	36
M1_1	0	109	97.5	36	36
ARDOWN	0	72	7	23.3	16

LETTER POSITIONS (X)											LENGTH	SERIESIZE
E	X	I	T	4	0	D						ClearviewHwy-5-W
78.9	87.5	98.9	103.8	121	137.2	155						88.1 10,15
T	O											ClearviewHwy-5-W
115	126.7											22.9 12
E	A	S	T									ClearviewHwy-5-W
26	38.7	52.5	63.9									46.5 15,12
W	E	S	T									ClearviewHwy-5-W
100	123.7	134.4	145.8									54.5 15,12
M	e	m	o	r	i	a	l		D	r		ClearviewHwy-5-W
10	30.2	47.4	70.8	88.6	100.2	108.7	125.6	130.7	148.4	166.8		164.1 16/13
K	a	n	s	a	s		C	i	t	y		ClearviewHwy-5-W
19	33.9	49.8	64.7	78.1	92.8	102.3	118.6	135	142.3	152.4		145.1 15/12.2
O	N	L	Y									ClearviewHwy-5-W
105	120.4	135	144.3									49.8 12

FILE NAME =	USER NAME = meconachie	DESIGNED - PMK	REVISED -
D8TR1-76C45-sht-signs-details.dgn		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

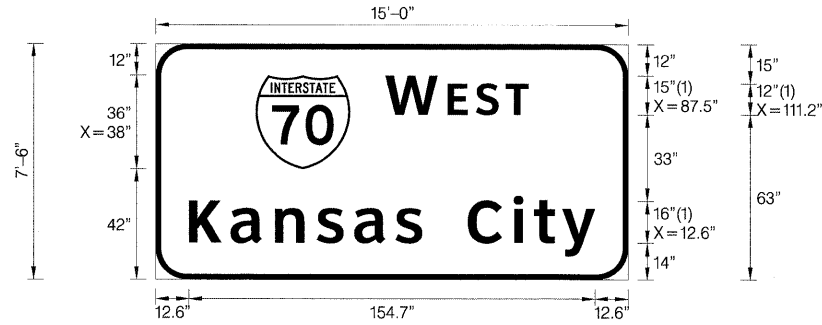
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 7 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	58
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 11
70CL STA 195+00.00
STR 8S0821070R002.3



SIGN PANEL 12
70E55N STA 57+13.00
STR 8S0821070R002.5



SIGN NUMBER	Sign Panel 11
WIDTH x HGHT.	15'-0" x 7'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	38	42.1	36	36

SIGN NUMBER	Sign Panel 12
WIDTH x HGHT.	20'-0" x 17'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	36	105	36	36
M1_1	0	110	105	36	36
M1_4	0	180	105	36	36
ARROWN	0	30.5	15	32	22
ARROWN	0	174.5	15	32	22

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE
W	E	S	T								54.5	ClearviewHwy-5-W 15,12
87.5	111.2	122	133.4									
K	a	n	s	a	s		C	i	t	y	154.7	ClearviewHwy-5-W 1613
12.6	28.6	45.5	61.3	75.7	91.3	101.5	118.9	136.4	144.2	154.9		

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
T	O										22.9	ClearviewHwy-5-W 12	
42.1	53.9												
T	O										22.9	ClearviewHwy-5-W 12	
187.1	198.9												
N	O	R	T	H							65.9	ClearviewHwy-5-W 15,12	
18.2	35.4	50.8	62.7	75									
E	A	S	T								46.5	ClearviewHwy-5-W 15,12	
104.8	117.6	131.3	142.7										
E	A	S	T								46.5	ClearviewHwy-5-W 15,12	
175.3	188	201.8	213.2										
C	h	i	c	a	g	o					103.5	ClearviewHwy-5-W 1613	
74.9	92.7	109.5	118.3	132.8	149.1	166.1							
I	n	d	i	a	n	a	p	o	l	i	s	163.6	ClearviewHwy-5-W 1613
45.4	54.7	71.2	88.5	97	113.9	130.1	147	163.3	181.1	190.6	198.7		

FILE NAME =	USER NAME = mmoconochie	DESIGNED - PMK	REVISED -
DATRI-76C45-sht-signs-details.dgn		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

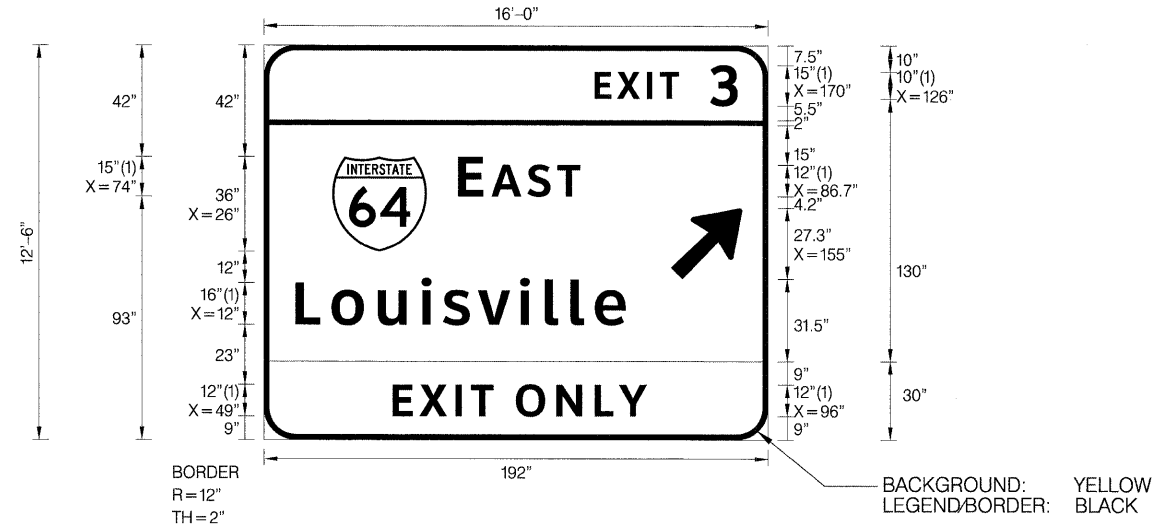
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 9 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-1SG	ST. CLAIR	145	60
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGN PANEL 13
70E55N STA 57+13.00
STR 8S0821070R002.5



BACKGROUND: YELLOW
LEGEND/BORDER: BLACK

SIGN NUMBER	Sign Panel 13
WIDTH x HGHT.	16'-0" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White,BlackWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	26	72.1	36	36
ARMED	45	155	61.5	22.2	35

LETTER POSITIONS (X)										LENGTH	SERIESIZE
E	X	I	T	3						54.5	10,15
126	134.5	145.9	150.8	170							
E	A	S	T							46.5	15,12
74	86.7	100.4	111.8								
L	o	u	i	s	v	i	l	l	e	125.7	16,13
12	25.7	43.4	60	68.2	81.6	97.6	107	116.8	126		
E	X	I	T							38.5	12
49	59.3	72.9	78.8								
O	N	L	Y							49.8	12
96	111.4	126	135.3								

SIGN PANEL 14
ST CLAIR STA 75+44.55
STR 8C0821070R002.6



FONT:
(1) ClearviewHwy-5-W

SIGN NUMBER	Sign Panel 14
WIDTH x HGHT.	17'-0" x 15'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: WhiteWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	8	128	24	24
M1_1	0	47	128	24	24
M1_4	0	85	128	24	24
M1-I100	0	126	128	26.2	24
ARMED	45	172.5	112.5	20	31.4
M1_1	0	90.5	35.4	24	24
ARMED	90	26.5	20	20	31.4

LETTER POSITIONS (X)										LENGTH	SERIESIZE
W	E	S	T							36.3	10,8
41	56.8	63.9	71.5								
S	O	U	T	H						42.9	10,8
118.5	128.3	138.6	147.1	155.3							
C	h	i	c	a	g	o				86	13.3/10.8
43	57.8	71.8	79.1	91.1	104.7	118.8					
S	t		L	o	u	i	s			88.9	13.3/10.8
41	53.6	60.1	74.8	86.1	100.9	114.7	121.5				
E	A	S	T							31	10,8
126.5	135	144.1	151.7								
L	o	u	i	s	v	i	l	l	e	104.5	13.3/10.8
73	84.4	99.1	112.9	119.7	130.8	144.1	152	160.1	167.8		

FILE NAME =	USER NAME = mmcaonachie	DESIGNED - PMK	REVISED -
D8TR1-76C45-sht-signs-details.dgn		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 10 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	61
*998/70/64		CONTRACT NO. 76C45		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGN PANEL 15
RAMP J STA 13+35.55
STR 8S0821055L002.0

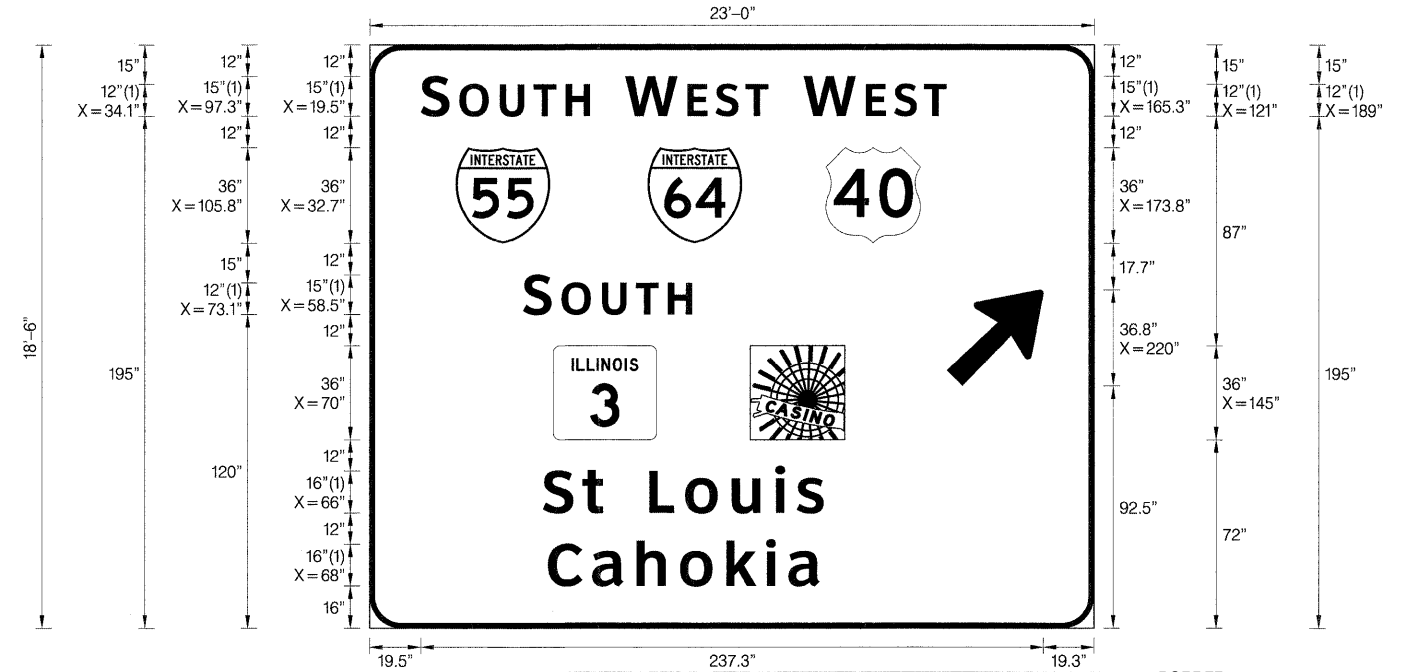


SIGN NUMBER	Sign Panel 15
WIDTH x HGHT.	21'-0" x 12'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: WhiteWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	65	69	36	36
M1_1	0	136	69	36	36
M1_4	0	197	69	36	36
ARMED	135	12	57.3	24	37.8

LETTER POSITIONS (X)											LENGTH	SERIESIZE	
N	O	R	T	H								ClearviewHwy-5-W	
51	68.2	83.6	95.6	107.8							65.9	15,12	
E	A	S	T									ClearviewHwy-5-W	
132	144.8	158.5	169.9								46.5	15,12	
E	A	S	T									ClearviewHwy-5-W	
194	206.8	220.5	231.9								46.5	15,12	
C	h	i	c	a	g	o						ClearviewHwy-5-W	
94	111.8	128.6	137.4	151.9	168.2	185.2					103.5	1613	
l	n	d	i	a	n	a	p	o	l	i	s		ClearviewHwy-5-W
64	73.3	89.8	107.1	115.6	132.5	148.7	165.6	181.9	199.7	209.2	217.4	163.6	1613

SIGN PANEL 16
RAMP J STA 13+35.55
STR 8S0821055L002.0



SIGN NUMBER	Sign Panel 16
WIDTH x HGHT.	23'-0" x 18'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: WhiteWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	32.7	147	36	36
M1_1	0	105.8	147	36	36
M1_4	0	173.8	147	36	36
ARMED	45	220	92.6	30	47.3
M1-I100	0	70	72	39.3	36
Great River Road	225.5	145	72	50.9	50.9

LETTER POSITIONS (X)											LENGTH	SERIESIZE
S	O	U	T	H								ClearviewHwy-5-W
19.5	34.1	49.6	62.4	74.7							64.4	15,12
W	E	S	T									ClearviewHwy-5-W
97.3	121	131.8	143.2								54.5	15,12
W	E	S	T									ClearviewHwy-5-W
165.3	189	199.7	211.2								54.5	15,12
S	O	U	T	H								ClearviewHwy-5-W
58.5	73.1	88.5	101.4	113.6							64.4	15,12
S	t		L	o	u	i	s					ClearviewHwy-5-W
66	81.1	88.9	106.6	120.3	138	154.6	162.8				106.9	1613
C	a	h	o	k	i	a						ClearviewHwy-5-W
68	84.8	101.8	118.2	136	151.1	159.6					103.4	1613

FILE NAME = DBTRJ-76C45-sht-signs-details.dgn

USER NAME = mmccoma@i
PLOT SCALE = 3.0000 ' / in.
PLOT DATE = 2/2/2012

DESIGNED - PMK
DRAWN - PMK
CHECKED - MPW
DATE - 2/2/2012

REVISED -
REVISED -
REVISED -
REVISED -

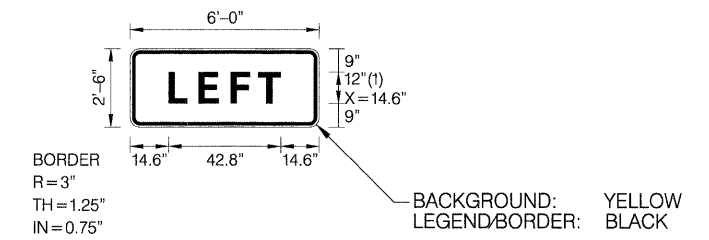
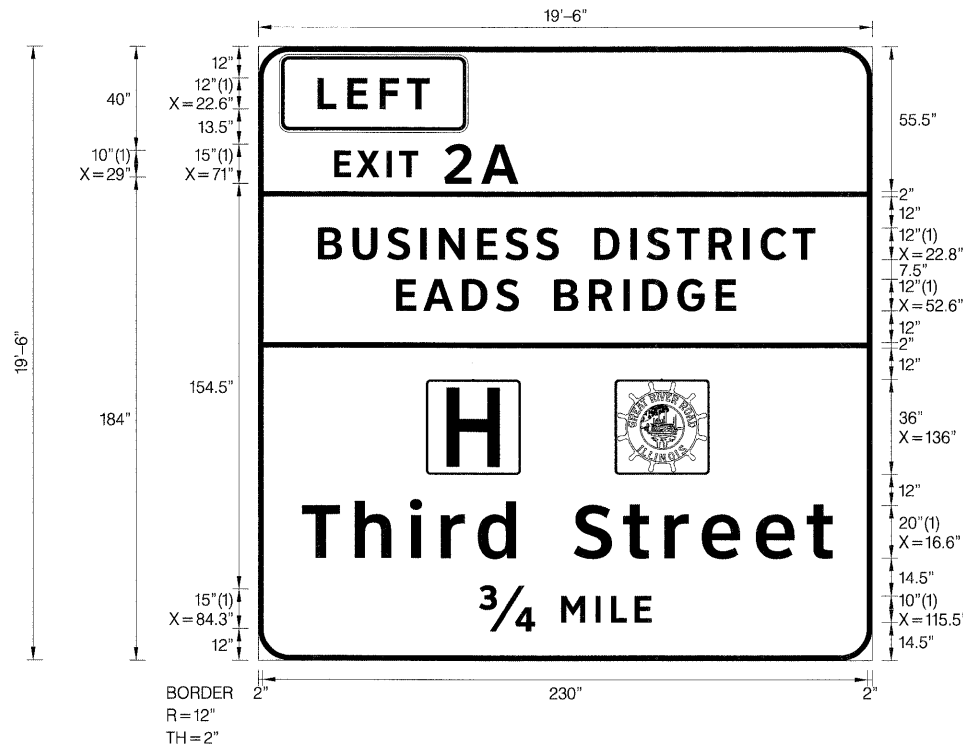
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 11 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	62
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 17
64W55S STA 129+68.36
GROUND MOUNT



SIGN NUMBER	Sign Panel 17
WIDTH x HGHT.	19'-6" x 19'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	136	71	36	36
Great River Road	0	172	71	36	36

LETTER POSITIONS (X)															LENGTH	SERIESIZE	
E	X	I	T	2	A										70.1	ClearviewHwy-5-W 10,15	
29	37.5	48.9	53.8	71	85.1												
B	U	S	I	N	E	S	S		D	I	S	T	R	I	C	199.7	ClearviewHwy-5-W 203.8
22.8	36.1	49.2	61.8	68.9	83.5	94.3	105.9	114.5	128.1	142	148.2	159.6	171.8	184.9			
E	A	D	S		B	R	I	D	G	E					129.5	ClearviewHwy-5-W 12	
52.6	63	77.7	90.7	99.4	112.9	126.1	139.2	146.4	159.8	174.5							
T	h	i	r	d		S	t	r	e	e	t				202.3	ClearviewHwy-5-W 2016.3	
16.6	36.8	57.8	69.6	83.8	98.2	120.3	139.1	154.9	169.1	189.7	209.2						
34	M	I	L	E											65.7	ClearviewHwy-5-W 15,10	
84.3	115.5	128.6	134.5	143.6													

SIGN PANEL 18
ST CLAIR STA 68+00.00
STR 8C0821070R002.7

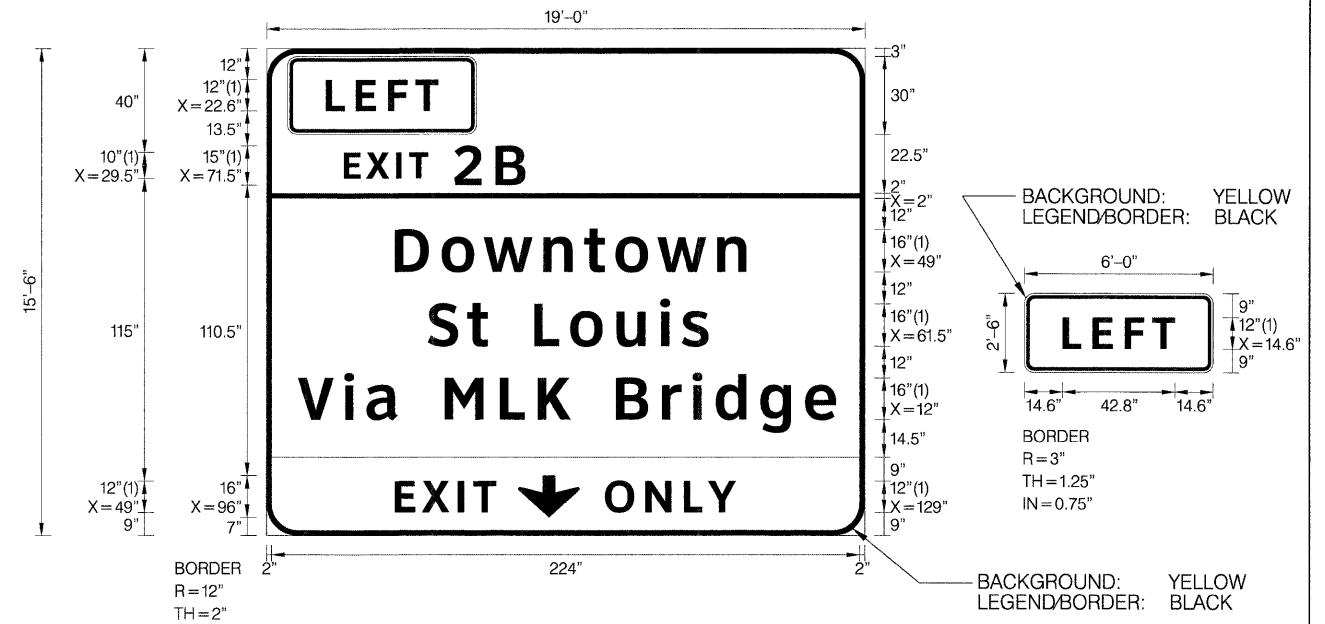


SIGN NUMBER	Sign Panel 18
WIDTH x HGHT.	12'-0" x 15'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	12.9	130	24	24
M1_1	0	55.5	130	24	24
M1_1	0	102.7	130	24	24
M1_4	0	12.9	82	24	24
M1-I100	0	54.4	82	26.2	24
ARMED	180	59.9	10.5	15	23.6

LETTER POSITIONS (X)										LENGTH	SERIESIZE
W	E	S	T								ClearviewHwy-5-W
49.9	65.7	72.8	80.4							36.3	10,8
E	A	S	T								ClearviewHwy-5-W
100.2	108.6	117.8	125.4							31	10,8
S	O	U	T	H							ClearviewHwy-5-W
46.7	56.4	66.7	75.3	83.5						42.9	10,8
C	h	i	c	a	g	o					ClearviewHwy-5-W
30	44.8	58.8	66.1	78.1	91.7	105.8				86	13.3/10.8
S	t		L	o	u	i	s				ClearviewHwy-5-W
28.4	40.9	47.4	62.1	73.4	88.2	102	108.8			88.9	13.3/10.8

SIGN PANEL 19
64W55S STA 127+40.00
STR 8S0821064L002.7



SIGN NUMBER	Sign Panel 19
WIDTH x HGHT.	19'-0" x 15'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White,Black/White

SYMBOL	ROT	X	Y	WID	HT
ARDOWN	0	96	7	23.3	16

LETTER POSITIONS (X)										LENGTH	SERIESIZE					
E	X	I	T	2	B						ClearviewHwy-5-W					
29.5	38	49.4	54.4	71.5	87.2					69.1	10,15					
D	o	w	n	t	o	w	n				ClearviewHwy-5-W					
49	66.8	82.8	105.5	121	133	149	171.7			133.8	16/13					
S	t		L	o	u	i	s				ClearviewHwy-5-W					
61.5	76.5	84.4	102.1	115.7	133.5	150.1	158.2			106.9	16/13					
V	i	a		M	L	K		B	r	i	d	g	e			ClearviewHwy-5-W
12	29.7	38.2	50	68	89	103.5	115.9	133.2	150.8	162.4	171.2	188.2	205.2	204.9	204.9	16/13
E	X	I	T													ClearviewHwy-5-W
49	59.3	72.9	78.9												38.5	12
O	N	L	Y													ClearviewHwy-5-W
129	144.4	159.1	168.3												49.8	12

FILE NAME =	USER NAME = mmcconachie	DESIGNED - PMK	REVISED -
D8TR1-76C45-sht-signs-details.dgn		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

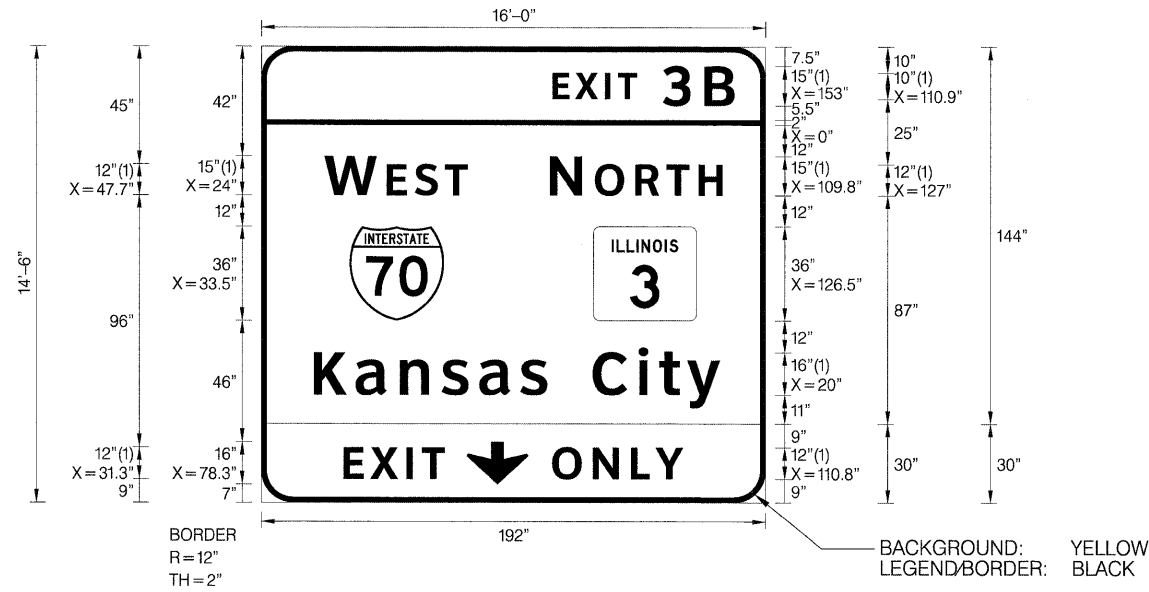
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 13 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	64
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

SIGN PANEL 22
64W STA 110+12.00
STR 8S0821064L003.2



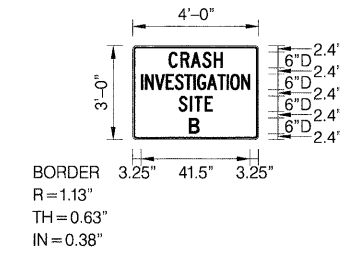
SIGN NUMBER	Sign Panel 22
WIDTH x HGHT.	16'-0" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White,BlackWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	33.5	69.1	36	36
M1-I100	0	126.5	69.1	39.3	36
AROUND	0	78.3	7	23.3	16

LETTER POSITIONS (X)													LENGTH	SERIESIZE			
E	X	I	T	3	B										ClearviewHwy-5-W		
110.9	119.5	130.9	135.8	153	168.8										69.2	10,15	
W	E	S	T													ClearviewHwy-5-W	
24	47.7	58.5	69.9													54.5	15,12
N	O	R	T	H												ClearviewHwy-5-W	
109.8	127	142.4	154.3	166.6												65.9	15,12
K	a	n	s	a	s	C	i	t	y							ClearviewHwy-5-W	
20	35.9	52.9	68.7	83	98.7	108.9	126.3	143.7	151.6	162.3						154.7	16,13
E	X	I	T													ClearviewHwy-5-W	
31.3	41.6	55.3	61.2													38.5	12
O	N	L	Y													ClearviewHwy-5-W	
110.8	126.3	140.9	150.2													49.8	12

SIGN PANEL 22A
64E STA 38+76.00
GROUND MOUNT

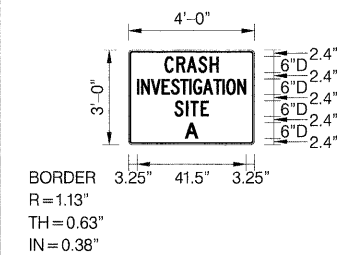
SIGN NUMBER	Sign Panel 22A
WIDTH x HGHT.	4'-0" x 3'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.13"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Blue
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: BlackWhite



LETTER POSITIONS (X)													LENGTH	SERIESIZE			
C	R	A	S	H												C 2000	
13.7	18.3	22.2	26.6	30.9												20.6	6
I	N	V	E	S	T	I	G	A	T	I	O	N				C 2000	
3.3	4.8	8.5	12.7	16.1	19.7	23.2	24.6	28.3	32.4	35.8	37.3	41.4				41.5	6
S	I	T	E													C 2000	
17.5	21.9	23.6	27.5													13	6
B																D 2000	
22																4.1	6

SIGN PANEL 22B
64W STA 102+14.00
GROUND MOUNT

SIGN NUMBER	Sign Panel 22B
WIDTH x HGHT.	4'-0" x 3'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.13"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Blue
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: BlackWhite



LETTER POSITIONS (X)													LENGTH	SERIESIZE			
C	R	A	S	H												C 2000	
13.7	18.3	22.2	26.6	30.9												20.6	6
I	N	V	E	S	T	I	G	A	T	I	O	N				C 2000	
3.3	4.8	8.5	12.7	16.1	19.7	23.2	24.6	28.3	32.4	35.8	37.3	41.4				41.5	6
S	I	T	E													C 2000	
17.5	21.9	23.6	27.5													13	6
A																D 2000	
22																4.1	6

FILE NAME = D8TR1-76C45-sht-signs-details.dgn

USER NAME = mncconachie
PLOT SCALE = 3.0000' / 1" / in.
PLOT DATE = 2/2/2012

DESIGNED - PMK
DRAWN - PMK
CHECKED - MPW
DATE - 2/2/2012

REVISED -
REVISED -
REVISED -
REVISED -

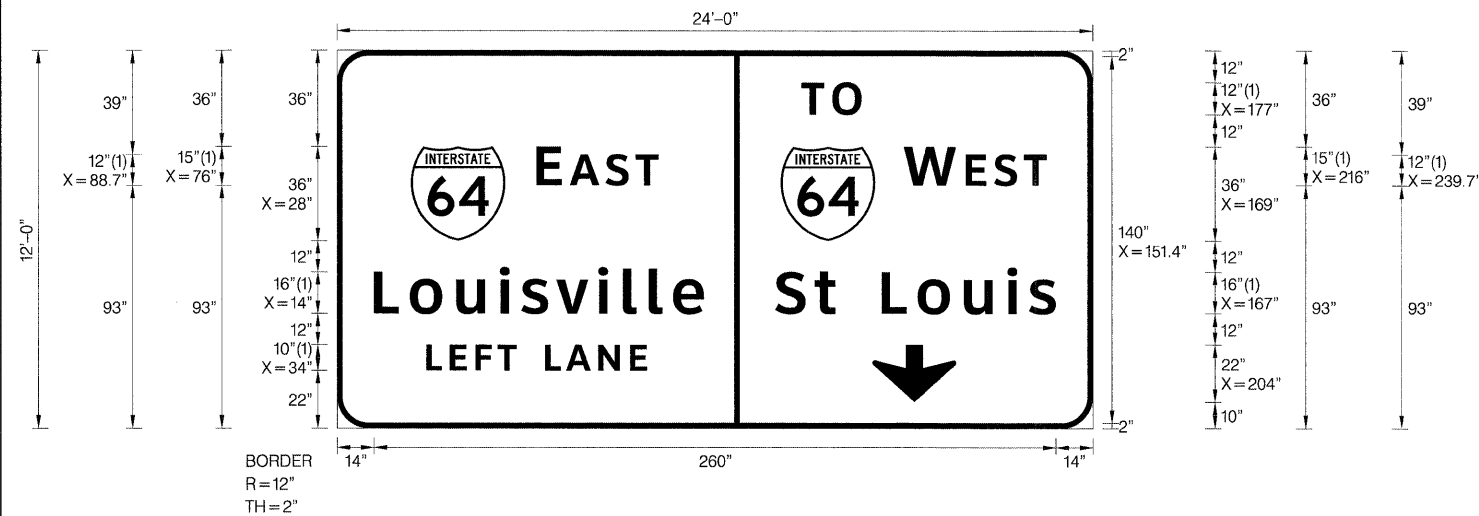
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 15 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-15G	ST. CLAIR	145	66
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SIGN PANEL 23
ST. CLAIR STA. 34+75.00
STR 8S0821064R003.6

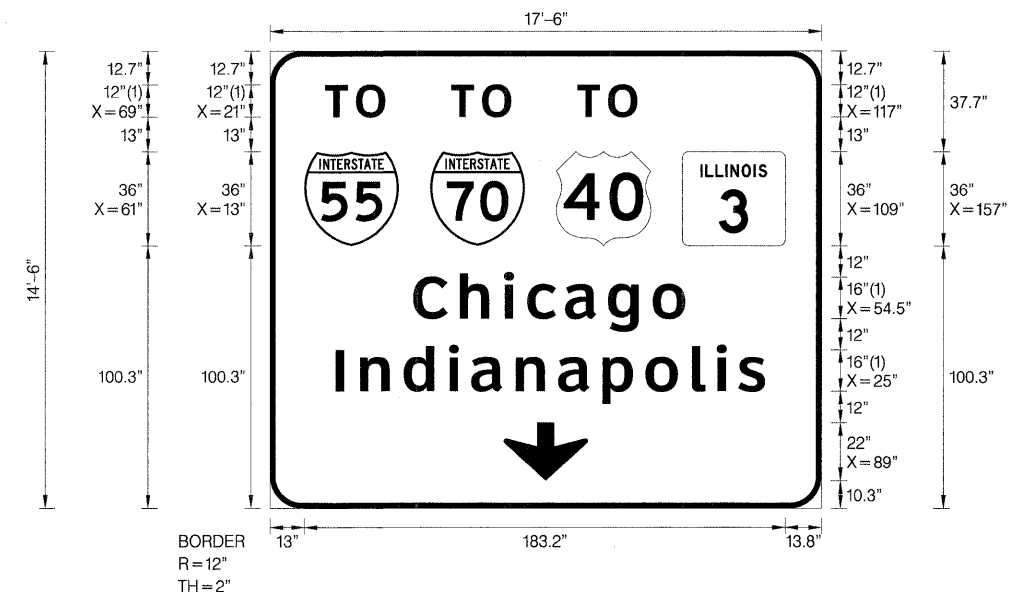


SIGN NUMBER	Sign Panel 23
WIDTH x HGHT.	24'-0" x 12'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	28	72	36	36
M1_1	0	169	72	36	36
AROUND	0	204	10	32	22

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
T	O										ClearviewHwy-5-W
177	188.7									22.9	12
E	A	S	T								ClearviewHwy-5-W
76	88.7	102.4	113.8							46.5	15,12
W	E	S	T								ClearviewHwy-5-W
216	239.7	250.5	261.9							54.5	15,12
L	o	u	i	s	v	i	l	l	e		ClearviewHwy-5-W
14	27.7	45.4	62	70.2	83.6	99.6	109	118.8	128	125.7	1613
S	t		L	o	u	i	s				ClearviewHwy-5-W
167	182	189.9	207.6	221.2	239	255.6	263.7			106.9	1613
L	E	F	T		L	A	N	E			ClearviewHwy-5-W
34	43	52.7	61.1	68.3	79.3	87.2	99.5	111.7		84.1	10

SIGN PANEL 24
ST. CLAIR STA. 34+75.00
STR 8S0821064R003.6

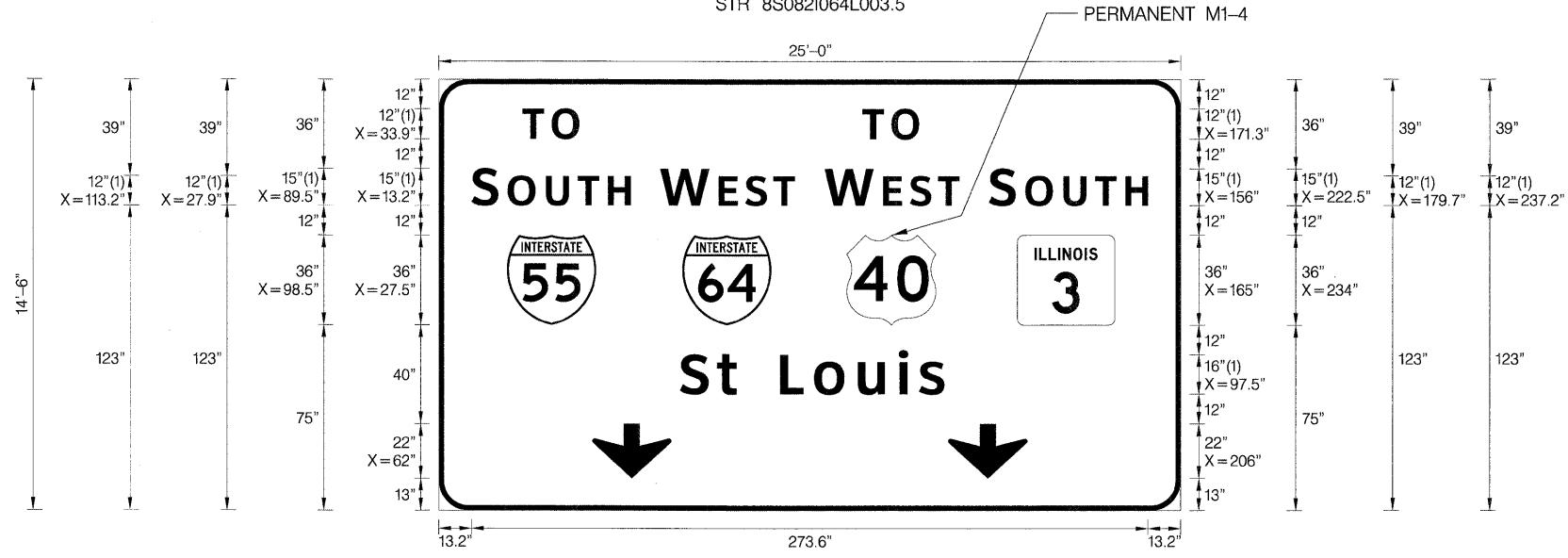


SIGN NUMBER	Sign Panel 24
WIDTH x HGHT.	17'-6" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	13	100.3	36	36
M1_1	0	61	100.3	36	36
M1_4	0	109	100.3	36	36
M1-I100	0	157	100.3	39.3	36
AROUND	0	89	10.3	32	22

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE		
T	O										ClearviewHwy-5-W		
21	32.7									22.9	12		
T	O										ClearviewHwy-5-W		
69	80.7									22.9	12		
T	O										ClearviewHwy-5-W		
117	128.7									22.9	12		
C	h	i	c	a	g	o					ClearviewHwy-5-W		
54.5	72.3	89.1	97.9	112.4	128.7	145.7				103.5	1613		
I	n	d	i	a	n	a	p	o	l	i	s		ClearviewHwy-5-W
25	34.4	50.9	68.2	76.6	93.6	109.7	126.6	143	160.7	170.2	178.4	163.6	1613

SIGN PANEL 25
64W STA 93+20.00
STR 8S0821064L003.5



SIGN NUMBER	Sign Panel 25
WIDTH x HGHT.	25'-0" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	27.5	75	36	36
M1_1	0	98.5	75	36	36
M1_4 /M1_1	0	165	75	36	36
M1-100	0	234	75	39.3	36
ARNDOWN	0	62	13	32	22
ARNDOWN	0	206	13	32	22

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
T	O									22.9	ClearviewHwy-5-W 12
33.9	45.6										
T	O									22.9	ClearviewHwy-5-W 12
171.3	183.1										
S	O	U	T	H						64.4	ClearviewHwy-5-W 15,12
13.2	27.9	43.3	56.1	68.4							
W	E	S	T							54.5	ClearviewHwy-5-W 15,12
89.5	113.2	123.9	135.3								
W	E	S	T							54.5	ClearviewHwy-5-W 15,12
156	179.7	190.4	201.8								
S	O	U	T	H						64.4	ClearviewHwy-5-W 15,12
222.5	237.2	252.6	265.4	277.7							
S	t		L	o	u	i	s			106.9	ClearviewHwy-5-W 16/13
97.5	112.5	120.4	138.1	151.7	169.5	186.1	194.2				

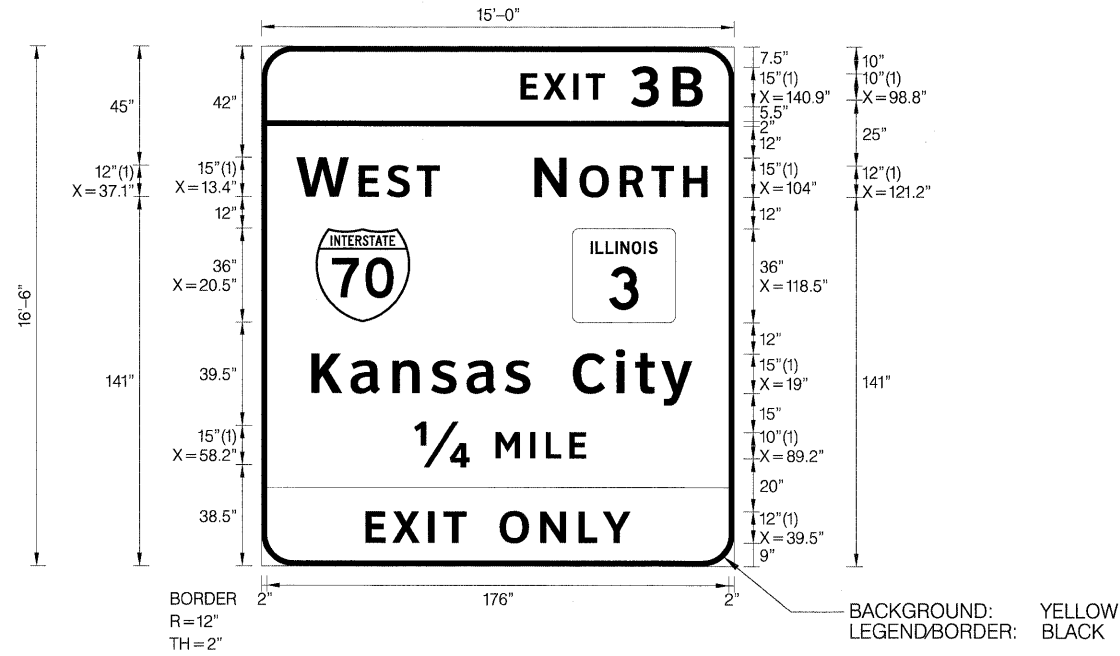
FILE NAME = DBTRI-76C45-sht-signs-details.dgn	USER NAME = mnacnachs	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS			
SCALE: N/A	SHEET NO. 17 OF 35 SHEETS	STA. N/A TO STA. N/A	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	68
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SIGN PANEL 26
64W STA 93+20.00
STR 8S0821064L003.5



SIGN NUMBER	Sign Panel 26
WIDTH x HGHT.	15'-0" x 16'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White,BlackWhite

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	20.5	93	36	36
M1-100	0	118.5	93	39.3	36

LETTER POSITIONS (X)											LENGTH	SERIESSIZE
E	X	I	T	3	B							ClearviewHwy-5-W
98.8	107.3	118.7	123.7	140.9	156.7						69.2	10,15
W	E	S	T									ClearviewHwy-5-W
13.4	37.1	47.8	59.2								54.5	15,12
N	O	R	T	H								ClearviewHwy-5-W
104	121.2	136.6	148.5	160.7							65.9	15,12
K	a	n	s	a	s	C	i	t	y			ClearviewHwy-5-W
19	33.9	49.8	64.6	78.1	92.8	102.3	118.6	135	142.3	152.4	145.1	15/12.2
14	M	I	L	E								ClearviewHwy-5-W
58.2	89.2	102.3	108.3	117.3							65.5	15,10
E	X	I	T		O	N	L	Y				ClearviewHwy-5-W
39.5	49.8	63.5	69.4	78	90.7	106.1	120.7	130			101	12

FILE NAME = DBTRI-76C45-sht-signs-details.dgn	USER NAME = mmccorachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

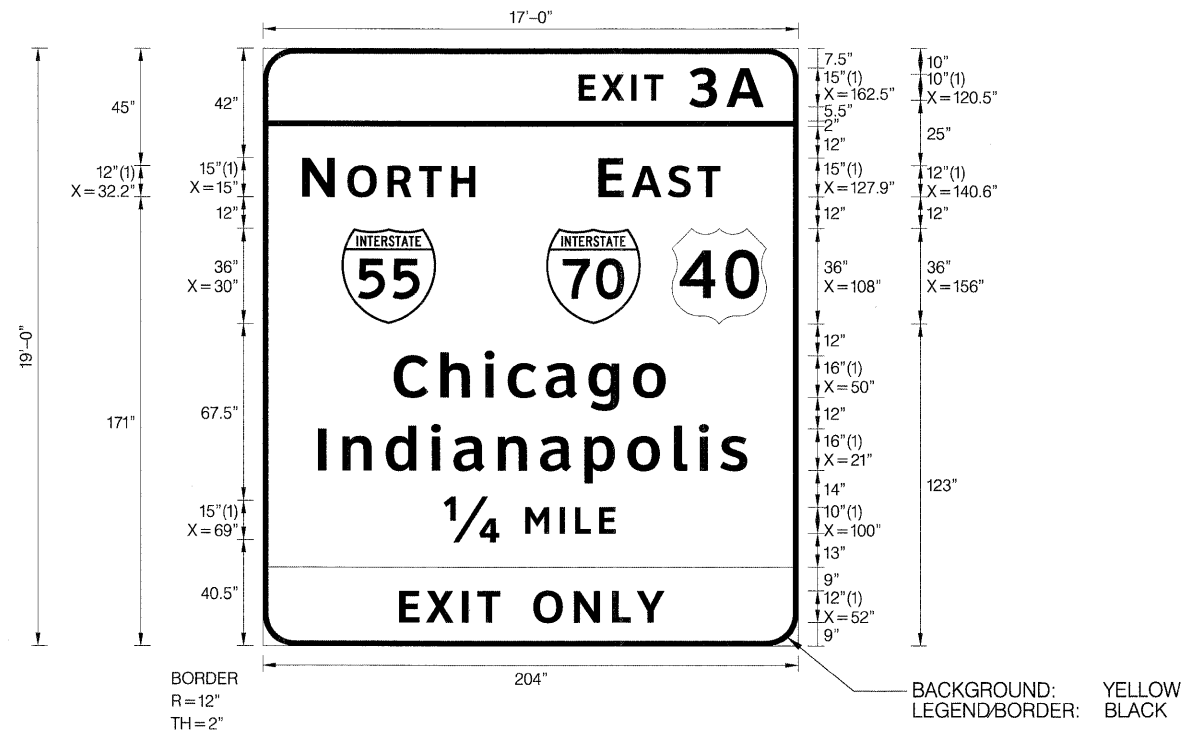
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 18 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	69
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SIGN PANEL 27
64W STA 93+20.00
STR 8S0821064L003.5



SIGN NUMBER	Sign Panel 27
WIDTH x HGHT.	17'-0" x 19'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective
	COLOR: White,Black/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	30	123	36	36
M1_1	0	108	123	36	36
M1_4	0	156	123	36	36

LETTER POSITIONS (X)											LENGTH	SERIESIZE
E	X	I	T	3	A							ClearviewHwy-5-W
120.5	129	140.4	145.3	162.5	176.7						70.3	10,15
N	O	R	T	H								ClearviewHwy-5-W
15	32.2	47.6	59.5	71.8							65.9	15,12
E	A	S	T									ClearviewHwy-5-W
127.9	140.6	154.3	165.7								46.5	15,12
C	h	i	c	a	g	o						ClearviewHwy-5-W
50	67.7	84.5	93.3	107.8	124.1	141.1					103.5	16/13
I	n	d	i	a	n	a	p	o	l	i	s	ClearviewHwy-5-W
21	30.4	46.8	64.1	72.6	89.5	105.7	122.6	139	156.7	166.2	174.4	16/13
14	M	I	L	E								ClearviewHwy-5-W
69	100	113.1	119.1	128.1							65.5	15,10
E	X	I	T		O	N	L	Y				ClearviewHwy-5-W
52	62.2	75.9	81.8	90.4	103.1	118.5	133.2	142.4			101	12

FILE NAME =	USER NAME = mmcconachie	DESIGNED - PMK	REVISED -
DBTRI-76C45-sht-signs-details.dgn		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN PANEL DETAILS			
SCALE: N/A	SHEET NO. 19 OF 35 SHEETS	STA. N/A	TO STA. N/A

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	70
*998/70/64				CONTRACT NO. 76C45
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 28
64W STA 77+03.00
STR 8S0821064L003.6



SIGN NUMBER	Sign Panel 28
WIDTH x HGHT.	23'-0" x 19'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective
	COLOR: White,Black/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	27.5	129	36	36
M1_1	0	91	129	36	36
M1_4	0	143	129	36	36
M1-100	0	209	129	39.3	36

LETTER POSITIONS (X)											LENGTH	SERIESIZE
E	X	I	T	S	3	A	-	B				ClearviewHwy-5-W
156.8	165.3	176.7	181.7	191	208.3	222.4	240.8	252.6			107.2	10,15
N	O	R	T	H								ClearviewHwy-5-W
12.8	30	45.4	57.4	69.6							65.9	15,12
E	A	S	T									ClearviewHwy-5-W
138.8	151.5	165.2	176.6								46.5	15,12
N	O	R	T	H								ClearviewHwy-5-W
197.2	214.4	229.8	241.8	254							65.9	15,12
C	h	i	c	a	g	o						ClearviewHwy-5-W
87.5	105.3	122.1	130.9	145.4	161.7	178.7					103.5	16/13
K	a	n	s	a	s		C	i	t	y		ClearviewHwy-5-W
62.2	78.1	95.1	110.9	125.2	140.9	151.1	168.5	185.9	193.8	204.5	154.7	16/13
I	n	d	i	a	n	a	p	o	l	i	s	ClearviewHwy-5-W
57.8	67.2	83.6	100.9	109.4	126.3	142.5	159.4	175.8	193.5	203	211.2	16/13
E	X	I	T		O	N	L	Y				ClearviewHwy-5-W
87.5	97.8	111.4	117.4	126	138.7	154.1	168.7	178			101	12

FILE NAME = DBTRI-76C45-sht-signs-details.dgn	USER NAME = mmcconachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

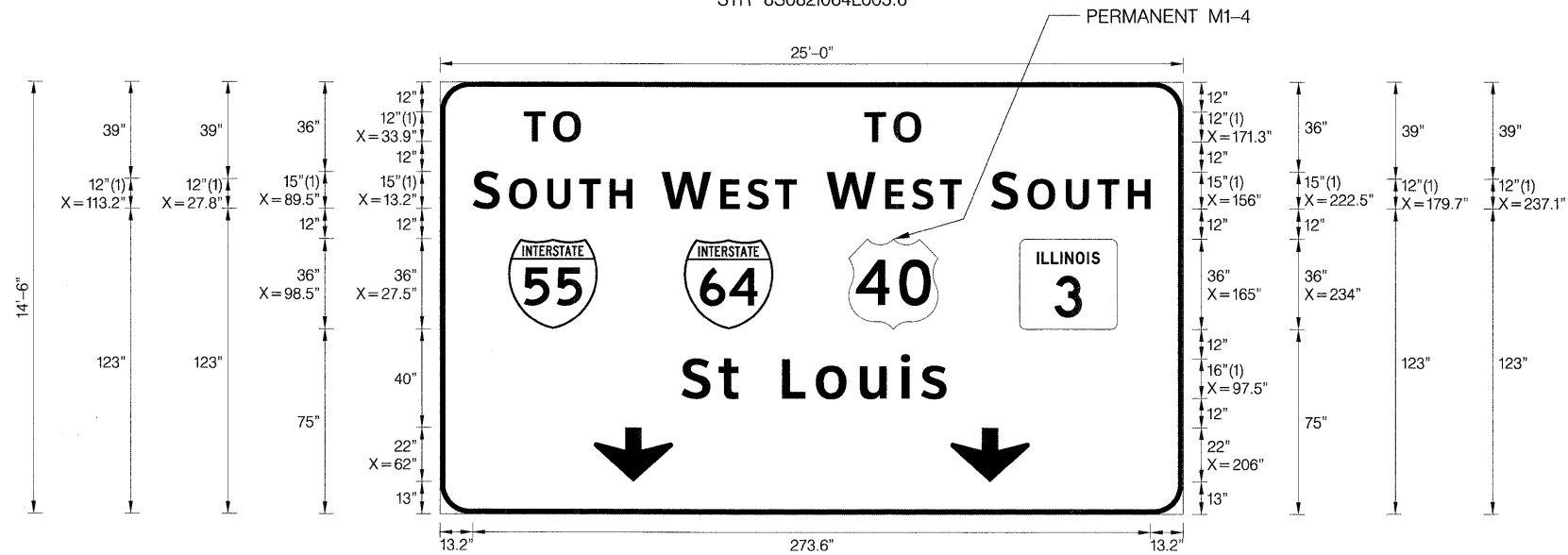
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: N/A SHEET NO. 20 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	71
*998/70/64		CONTRACT NO. 76C45		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 29
64W STA 77+03.00
STR 8S0821064L003.6



SIGN NUMBER	Sign Panel 29
WIDTH x HGHT.	25'-0" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	27.5	75	36	36
M1_1	0	98.5	75	36	36
M1_4 /M1_1	0	165	75	36	36
M1-I100	0	234	75	39.3	36
AROUND	0	62	13	32	22
AROUND	0	206	13	32	22

LETTER POSITIONS (X)										LENGTH	SERIESIZE
T	O									22.9	12
33.9	45.6										
T	O									22.9	12
171.3	183										
S	O	U	T	H						64.4	15,12
13.2	27.8	43.3	56.1	68.4							
W	E	S	T							54.5	15,12
89.5	113.2	123.9	135.3								
W	E	S	T							54.5	15,12
156	179.7	190.4	201.8								
S	O	U	T	H						64.4	15,12
222.5	237.1	252.6	265.4	277.7							
S	t		L	o	u	i	s			106.9	1613
97.5	112.5	120.4	138.1	151.7	169.5	186.1	194.2				

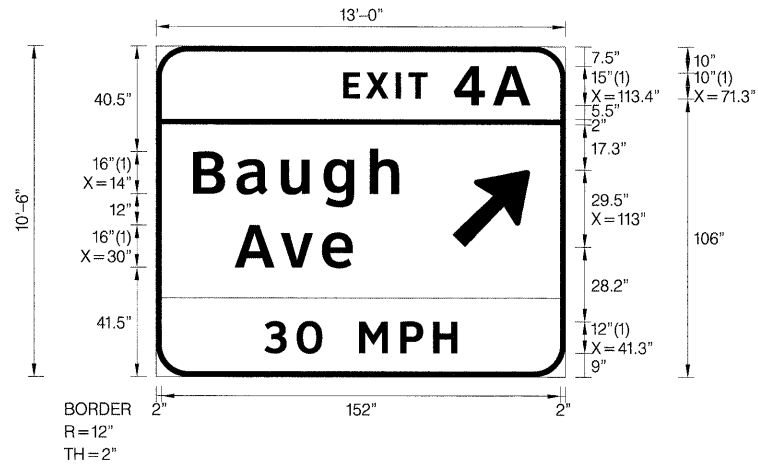
FILE NAME =	USER NAME = mmcconachie	DESIGNED - PMK	REVISED -
D8TRI-76C45-sht-signs-details.dgn		DRAWN - PMK	REVISED -
	PLOT SCALE = 3.0000' / in.	CHECKED - MPW	REVISED -
	PLOT DATE = 2/2/2012	DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN PANEL DETAILS			
SCALE: N/A	SHEET NO. 21 OF 35 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	72
*998/70/64		CONTRACT NO. 76C45		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 30
 64W STA 68+98.98
 STR 8C0821064L003.9



SIGN NUMBER	Sign Panel 30
WIDTH x HGHT.	13'-0" x 10'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective COLOR: WhiteWhite

SYMBOL	ROT	X	Y	WID	HT
ARMED	45	113	49.2	24.1	37.9

LETTER POSITIONS (X)							LENGTH	SERIESSIZE
E	X	I	T	4	A			ClearviewHwy-5-W
71.3	79.9	91.2	96.2	113.4	128.4		71.2	10,15
B	a	u	g	h				ClearviewHwy-5-W
14	30.6	47.5	63.8	81.5			78.5	1613
A	v	e						ClearviewHwy-5-W
29.9	47.5	63.1					44.9	1613
3	0		M	P	H			ClearviewHwy-5-W
41.3	53.6	63.3	77.3	93.1	105.6		73.4	12

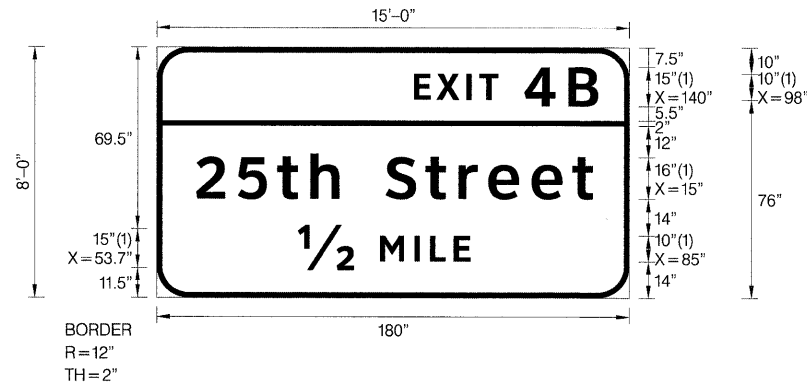
FILE NAME = DBTRI-76C45-sht-signs-details.dgn	USER NAME = mmconachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS			
SCALE: N/A	SHEET NO. 22 OF 35 SHEETS	STA. N/A TO STA. N/A	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	73
•998/10/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 31
64E STA 76+05.17
GROUND MOUNT

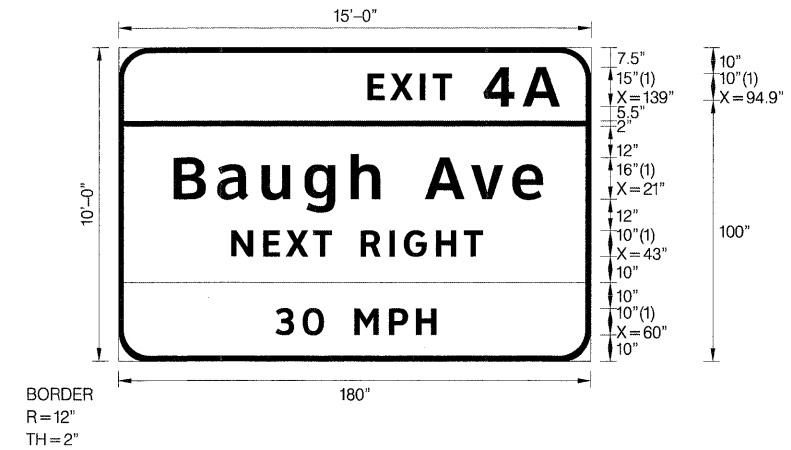


SIGN NUMBER	Sign Panel 31
WIDTH x HGHT.	15'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE
E	X	I	T	4	B						70.1	ClearviewHwy-5-W 10,15
98	106.5	117.9	122.8	140	156.7							
2	5	t	h	S	t	r	e	e	t		151.2	ClearviewHwy-5-W 1613
15	30.9	45.9	58.5	69.6	87.2	102.3	114.9	126.2	142.7	158.3		
12	M	I	L	E							65.8	ClearviewHwy-5-W 15,10
53.7	85	98.2	104.1	113.1								

SIGN PANEL 32
64W STA 62+62.91
GROUND MOUNT



SIGN NUMBER	Sign Panel 32
WIDTH x HGHT.	15'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: Black,White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE
E	X	I	T	4	A						73.2	ClearviewHwy-5-W 10,15
94.9	103.5	114.9	119.8	139	154.1							
B	a	u	g	h	A	v	e				140.7	ClearviewHwy-5-W 1613
21	37.6	54.6	70.9	88.5	99.6	116.8	134.3	150				
N	E	X	T		R	I	G	H	T		95.8	ClearviewHwy-5-W 10
43	55.2	63.7	74.1	81.3	92.3	103.2	108.8	121	131.6			
3	0		M	P	H						61.2	ClearviewHwy-5-W 10
60	70.2	78.3	90	103.1	113.5							

FILE NAME =	USER NAME = mmccorvach1w	DESIGNED - PMK	REVISED -
D81R1-76C45-sht-signs-details.dgn		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

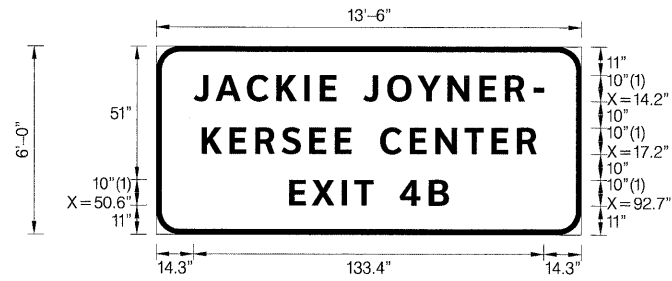
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

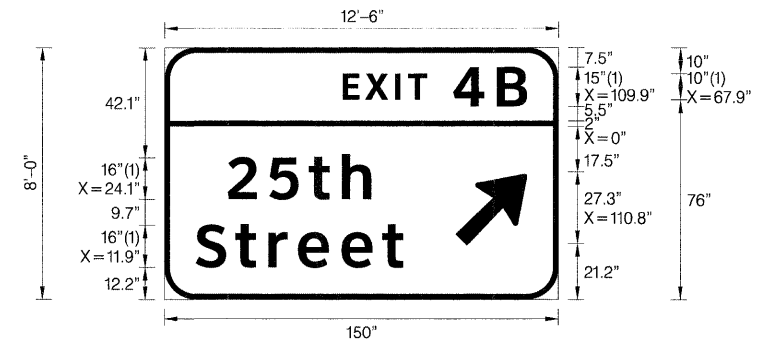
SCALE: N/A SHEET NO. 23 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	74
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SIGN PANEL 33
64E STA 85+17.96
GROUND MOUNT



SIGN PANEL 34
WB I-64 MILE MARKER 4.3
N 14,037,748.07 E 2,462,096.93
STR 8C0821064R004.3



SIGN NUMBER	Sign Panel 33
WIDTH x HGHT.	13'-6" x 6'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro-Reflective COLOR: Brown
LEGEND/BORDER	TYPE: ZZ Retro-Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

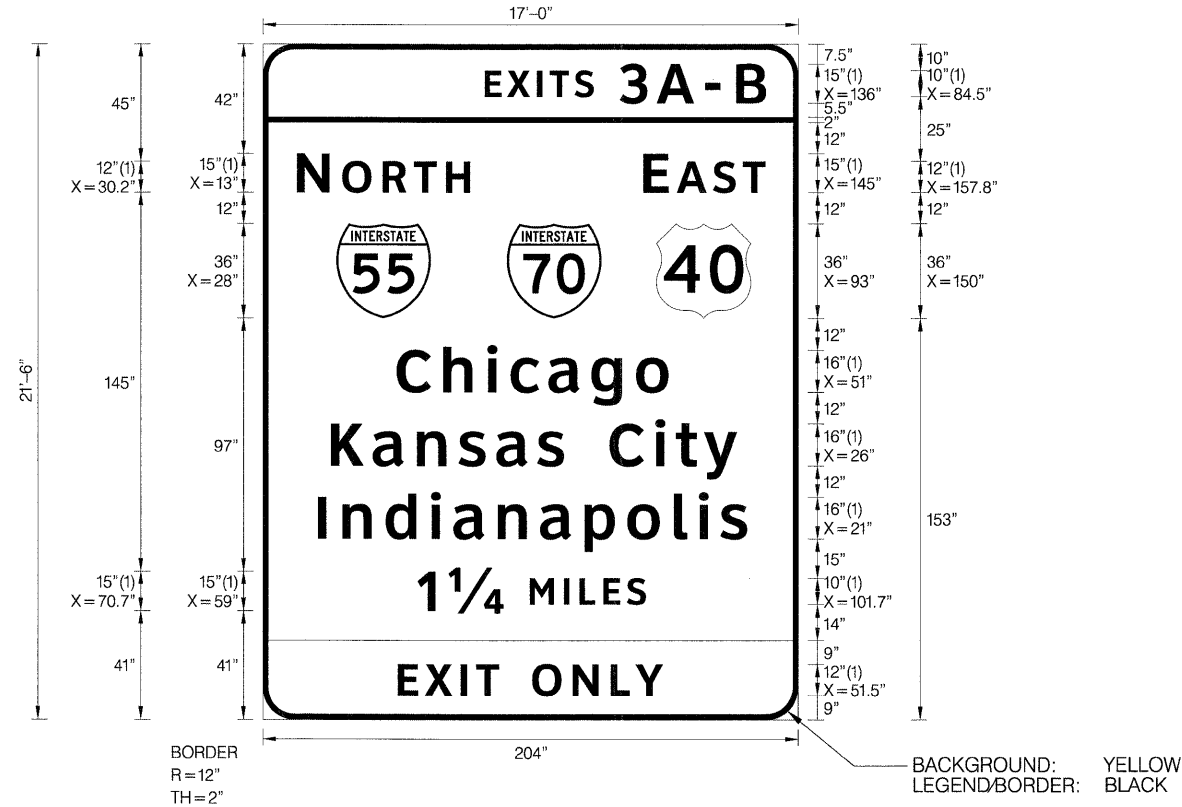
SIGN NUMBER	Sign Panel 34
WIDTH x HGHT.	12'-6" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
ARMED	45	110.8	21.2	22.3	35

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE			
J	A	C	K	I	E		J	O	Y	N	E	R	-			ClearviewHwy-5-W	
14.3	22.7	34.5	45.8	56.4	62.3	68.7	78.9	88.0	99.6	111.0	123.2	132.9	143.8		133.5	10	
K	E	R	S	E	E		C	E	N	T	E	R				ClearviewHwy-5-W	
17.3	27.9	37.7	47.8	58.3	68.1	74.4	85.4	96.6	106.4	117.5	127.7	137.5			127.6	10	
E	X	I	T	4	B											ClearviewHwy-5-W	
50.7	59.3	70.6	75.6	92.8	103.9										60.8	10	

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE				
E	X	I	T	4	B												ClearviewHwy-5-W	
67.9	76.4	87.8	92.7	109.9	126.6											70.1	10,15	
2	5	t	h														ClearviewHwy-5-W	
24.1	40	55	67.6													54.6	1613	
S	t	r	e	e	t												ClearviewHwy-5-W	
11.9	27	39.6	50.9	67.4	83											78.9	1613	

SIGN PANEL 37
 WB I-64 MILE MARKER 4.5
 N 14,037,778.45 E 2,462,803.98
 STR 8S0821064L004.4

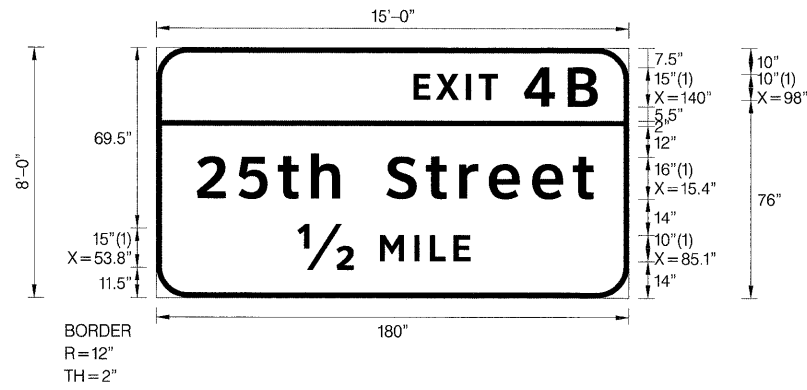


SIGN NUMBER	Sign Panel 37
WIDTH x HGHT.	17'-0" x 21'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective
	COLOR: White,Black/White

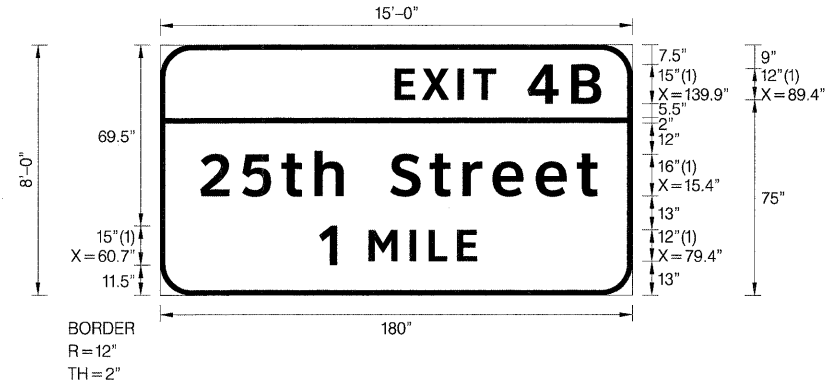
SYMBOL	ROT	X	Y	WID	HT
M1_1	0	28	152.7	36	36
M1_1	0	93	152.7	36	36
M1_4	0	150	152.7	36	36

LETTER POSITIONS (X)														LENGTH	SERIESIZE	
E	X	I	T	S	3	A	-	B							ClearviewHwy-5-W	
84.5	93.1	104.5	109.4	118.8	136	150.2	168.5	180.4							107.2	10,15
N	O	R	T	H												ClearviewHwy-5-W
13	30.2	45.6	57.5	69.8											65.9	15,12
E	A	S	T													ClearviewHwy-5-W
145	157.8	171.5	182.9												46.5	15,12
C	h	i	c	a	g	o										ClearviewHwy-5-W
51	68.8	85.6	94.4	108.9	125.2	142.2									103.5	16/13
K	a	n	s	a	s		C	i	t	y						ClearviewHwy-5-W
26	41.9	58.8	74.6	89	104.6	114.8	132.2	149.7	157.5	168.2					154.7	16/13
I	n	d	i	a	n	a	p	o	l	i	s					ClearviewHwy-5-W
21	30.3	46.8	64.1	72.6	89.5	105.7	122.6	139	156.7	166.2	174.4				163.6	16/13
1	1/4	M	I	L	E	S										ClearviewHwy-5-W
59	70.7	101.7	114.9	120.8	129.8	138.8									87	15,10
E	X	I	T		O	N	L	Y								ClearviewHwy-5-W
51.5	61.8	75.5	81.4	90	102.7	118.1	132.7	142							101	12

SIGN PANEL 40
WB I-64 MILE MARKER 4.9
N 14,037,421.40 E 2,465,611.57
GROUND MOUNT



SIGN PANEL 41
WB I-64 MILE MARKER 5.4
N 14,037,440.55 E 2,468,175.25
GROUND MOUNT



SIGN NUMBER	Sign Panel 40
WIDTH x HGHT.	15'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

SIGN NUMBER	Sign Panel 41
WIDTH x HGHT.	15'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
E	X	I	T	4	B								ClearviewHwy-5-W
98	106.5	117.9	122.8	140	156.7								70.1 10,15
2	5	t	h		S	t	r	e	e	t			ClearviewHwy-5-W
15.4	31.3	46.3	58.9	70	87.6	102.7	115.3	126.6	143.1	158.7			151.2 16/13
1/2	M	I	L	E									ClearviewHwy-5-W
53.8	85.1	98.3	104.2	113.2									65.8 15,10

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
E	X	I	T	4	B								ClearviewHwy-5-W
89.4	99.7	113.4	119.3	139.9	156.6								78.6 12,15
2	5	t	h		S	t	r	e	e	t			ClearviewHwy-5-W
15.4	31.3	46.3	58.9	69.9	87.6	102.7	115.3	126.6	143.1	158.7			151.2 16/13
1	M	I	L	E									ClearviewHwy-5-W
60.7	79.4	95.2	102.3	113.2									60.1 15,12

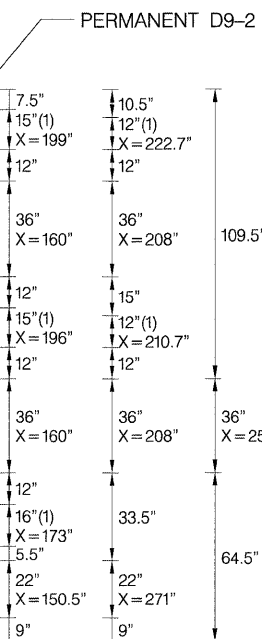
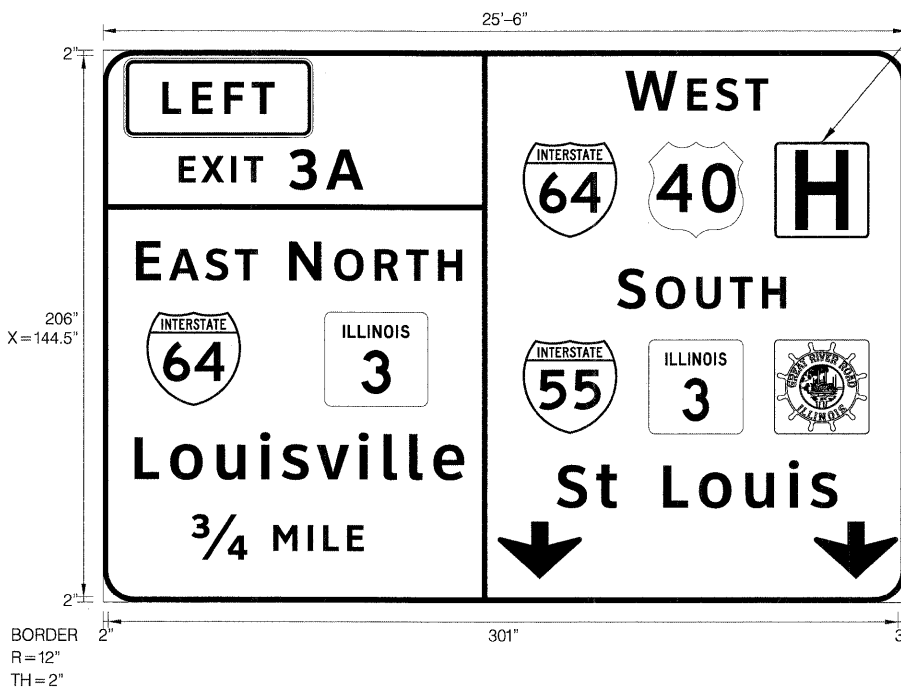
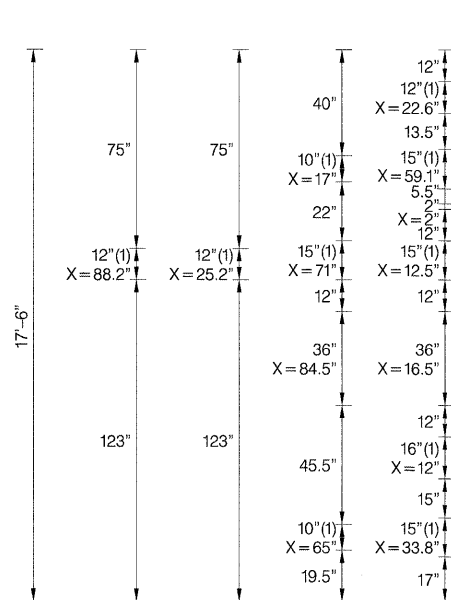
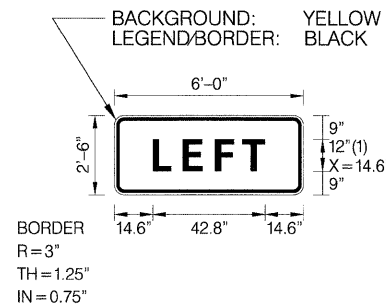
FILE NAME =	USER NAME = mmeconache	DESIGNED - PMK	REVISED -
D8TR1-76C45-sht-signs-details.dgn		DRAWN - PMK	REVISED -
	PLOT SCALE = 3.0000' / in.	CHECKED - MPW	REVISED -
	PLOT DATE = 2/2/2012	DATE - 2/2/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS			
SCALE: N/A	SHEET NO. 28 OF 35 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	79
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 44-45
 SB I-55 MILE MARKER 3.6
 N 14,044,576.57 E 2,458,845.72
 STR 8S0821055L003.6



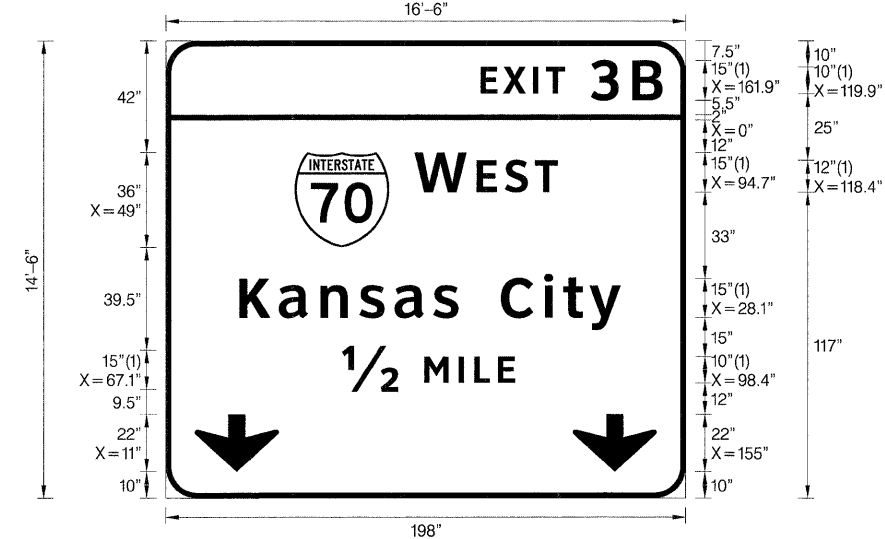
REMOVE TEMPORARY M1-1 DEMOUNTABLE LETTERS AND CHARACTERS MOUNTED IN CONTRACT 76C45

SIGN NUMBER	Sign Panel 44-45
WIDTH x HGHT.	25'-6" x 17'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	160	139.5	36	36
M1_4	0	208	139.5	36	36
M1_1	0	16.5	75	36	36
M1-100	0	84.5	75	39.3	36
M1_1	0	160	64.5	36	36
M1-100	0	208	64.5	36	36
Great River Road	0	256	64.5	36	36
ARDOWN	0	150.5	9	32	22
ARDOWN	0	271	9	32	22
D9-2	0	256	139.5	36	36

LETTER POSITIONS (X)										LENGTH	SERIESIZE
W	E	S	T								ClearviewHwy-5-W
199	222.7	233.5	244.9							54.5	15,12
E	X	I	T	3	A						ClearviewHwy-5-W
28.9	37.5	48.8	53.8	71	85.1					70.3	10,15
E	A	S	T								ClearviewHwy-5-W
12.5	25.2	39	50.4							46.5	15,12
N	O	R	T	H							ClearviewHwy-5-W
71	88.2	103.6	115.5	127.7						65.9	15,12
S	O	U	T	H							ClearviewHwy-5-W
196	210.7	226.1	239	251.2						64.4	15,12
L	o	u	i	s	v	i	l	l	e		ClearviewHwy-5-W
12	25.6	43.4	60	68.1	81.5	97.5	107	116.8	126	125.7	16/13
S	t		L	o	u	i	s				ClearviewHwy-5-W
173	188	195.9	213.5	227.2	244.9	261.5	269.7			106.9	16/13
34	M	I	L	E							ClearviewHwy-5-W
33.8	65	78.1	84	93.1						65.7	15,10

SIGN PANEL 46
 SB I-55 MILE MARKER 3.6
 N 14,044,576.57 E 2,458,845.72
 STR 8S082I055L003.6



SIGN NUMBER	Sign Panel 46
WIDTH x HGHT.	16'-6" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	49	96	36	36
ARDOWN	0	11	10	32	22
ARDOWN	0	155	10	32	22

LETTER POSITIONS (X)											LENGTH	SERIESSIZE
E	X	I	T	3	B							ClearviewHwy-5-W
119.9	128.4	139.8	144.7	161.9	177.7							69.2 10,15
W	E	S	T									ClearviewHwy-5-W
94.7	118.4	129.1	140.5									54.5 15,12
K	a	n	s	a	s		C	i	t	y		ClearviewHwy-5-W
28.1	43	58.9	73.7	87.1	101.8	111.4	127.7	144	151.4	161.4		145.1 15,12.2
12	M	I	L	E								ClearviewHwy-5-W
67.1	98.4	111.6	117.5	126.5								65.8 15,10

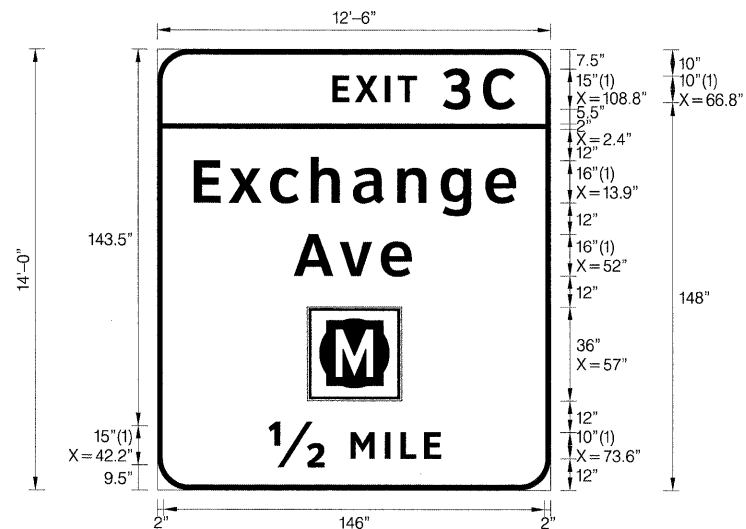
FILE NAME = DBTRI-76C45-sht-signs-details.dgn	USER NAME = mmcconachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIGN PANEL DETAILS			
SCALE: N/A	SHEET NO. 31 OF 35 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	82
•998/70/64		CONTRACT NO. 76C45		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 47
 SB I-55 MILE MARKER 3.6
 N 14,044,576.57 E 2,458,845.72
 STR 8S0821055L003.6



SIGN PANEL 48
 NB I-55 MILE MARKER 3.6
 N 14,044,532.24 E 2,458,888.45
 STR 8S0821055R003.6



SIGN NUMBER	Sign Panel 47
WIDTH x HGHT.	12'-6" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
METRO	0	57	34	36	36

SIGN NUMBER	Sign Panel 48
WIDTH x HGHT.	24'-0" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro-Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	35.5	98.5	36	36
XM_2	0	83.5	99.1	36	36
M1_1	0	170	98.5	36	36
M1_4	0	218	98.5	36	36
ARROWN	0	8	8.5	32	22
ARROWN	0	128	8.5	32	22
ARROWN	0	248	8.5	32	22

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
E	X	I	T	3	C					69.5	10,15
66.8	75.3	86.7	91.6	108.8	124						
E	x	c	h	a	n	g	e			122.8	1613
13.9	27.3	43	58.4	74.6	91.5	108	125				
A	v	e								44.9	1613
52	69.5	85.2									
1/2	M	I	L	E						65.8	15,10
42.2	73.6	86.7	92.6	101.7							

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE		
N	O	R	T	H						65.9	15,12		
46.2	63.4	78.8	90.7	102.9									
E	A	S	T							46.5	15,12		
189.8	202.5	216.3	227.7										
C	h	i	c	a	g	o				98.6	1611.7		
94.7	112.2	129.1	137.3	151.4	166.9	182.4							
I	n	d	i	a	n	a	p	o	l	i	s	156.6	1611.7
65.7	74.3	89.8	106.8	115	131.9	147.4	164.4	178.5	194.3	203.9	211.8		

FILE NAME = DBTRI-76C45-sht-signs-details.sgn	USER NAME = mmcconachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

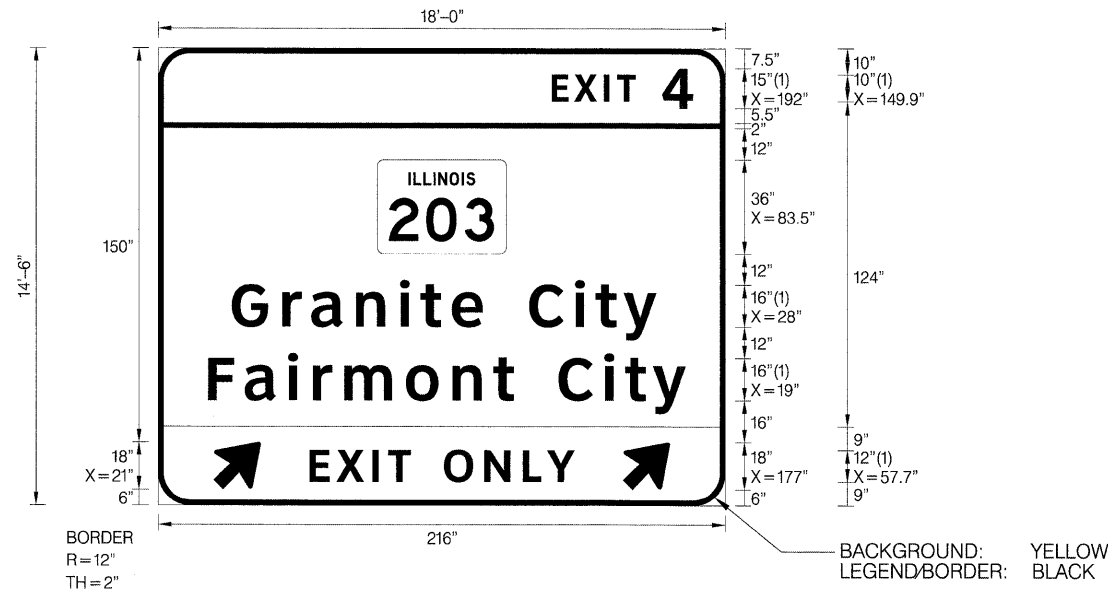
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

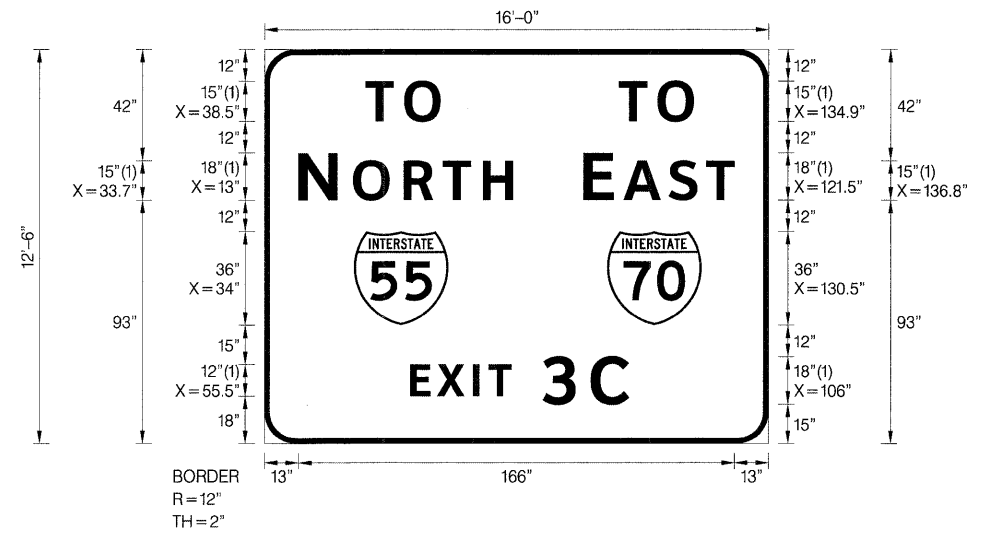
SCALE: N/A SHEET NO. 32 OF 35 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	83
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIGN PANEL 49
 NB I-55 MILE MARKER 3.6
 N 14,044,532.24 E 2,458,888.45
 STR 8S082I055R003.6



SIGN PANEL 50
 SB I-55 MILE MARKER 3.7
 N 14,045,075.08 E 2,459,065.03
 GROUND MOUNT



SIGN NUMBER	Sign Panel 49
WIDTH x HGHT.	18'-0" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White,BlackWhite

SYMBOL	ROT	X	Y	WID	HT
M1-I100	0	83.5	96	49.1	36
ARSHRT	45	21	6	20	22.5
ARSHRT	45	177	6	20	22.5

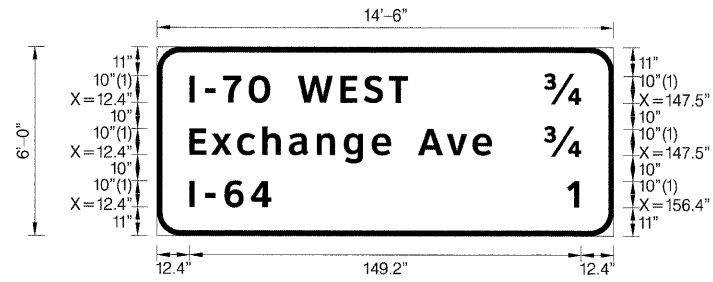
LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
E	X	I	T	4										ClearviewHwy-5-W		
149.9	158.4	169.8	174.8	192										53.9	10,15	
G	r	a	n	i	t	e		C	i	t	y			ClearviewHwy-5-W		
28	47.4	58.4	75.3	92.1	99.9	111.9	123.6	141.3	158.8	166.6	177.4			161.8	1613	
F	a	i	r	m	o	n	t		C	i	t	y		ClearviewHwy-5-W		
19	32.9	49.5	59	70.9	94.4	112.1	127.6	135.5	152.5	170	177.8	188.6		182	1613	
E	X	I	T		O	N	L	Y						ClearviewHwy-5-W		
57.7	68	81.6	87.5	96.2	108.9	124.3	138.9	148.2						101	12	

SIGN NUMBER	Sign Panel 50
WIDTH x HGHT.	16'-0" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: White/White

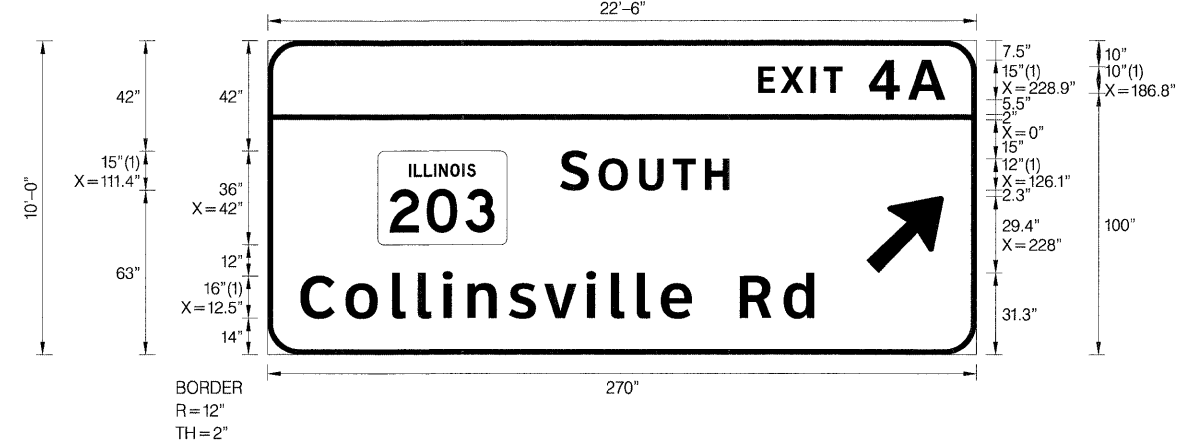
SYMBOL	ROT	X	Y	WID	HT
M1_1	0	34	45.1	36	36
M1_1	0	130.5	45.1	36	36

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
T	O													ClearviewHwy-5-W		
38.5	53.1													28.6	15	
T	O													ClearviewHwy-5-W		
134.9	149.6													28.6	15	
N	O	R	T	H										ClearviewHwy-5-W		
13	33.7	53	67.9	83.2										81.6	18,15	
E	A	S	T											ClearviewHwy-5-W		
121.5	136.8	154	168.3											57.5	18,15	
E	X	I	T	3	C									ClearviewHwy-5-W		
55.5	65.8	79.5	85.4	106	124.2									83.3	12,18	

SIGN PANEL 51
 SB I-55/70 MILE MARKER 4.0
 N 14,046,370.31 E 2,460,330.65
 STR 8B0821055L004.0



SIGN PANEL 52
 SB I-55/70 MILE MARKER 4.0
 N 14,046,370.31 E 2,460,330.65
 STR 8B0821055L004.0



SIGN NUMBER	Sign Panel 51
WIDTH x HGHT.	14'-6" x 6'-0"
BORDER WIDTH	2"
CORNER RADIUS	9"
MOUNTING	Bridge
BACKGROUND	TYPE: ZZ Retro-Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro-Reflective COLOR: WhiteWhite

SYMBOL	ROT	X	Y	WID	HT

SIGN NUMBER	Sign Panel 52
WIDTH x HGHT.	22'-6" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Bridge
BACKGROUND	TYPE: ZZ Retro Reflective COLOR: Green
LEGEND/BORDER	TYPE: ZZ Retro Reflective COLOR: WhiteWhite

SYMBOL	ROT	X	Y	WID	HT
M1-I100	0	42	42	49.1	36
ARMED	45	228	31.3	24	37.8

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
I	-	7	0		W	E	S	T				ClearviewHwy-5-W	
12.4	18.3	25.2	34.9	43.1	53.7	69.9	78.9	88.4			83.2	10	
34												ClearviewHwy-5-W	
147.5											14.1	10	
E	x	c	h	a	n	g	e		A	v	e	ClearviewHwy-5-W	
12.4	20.8	30.6	40.2	50.3	60.9	71.2	81.8	89.2	99.5	110.5	120.3	108.1	
34												ClearviewHwy-5-W	
147.5												14.1	10
I	-	6	4									ClearviewHwy-5-W	
12.4	18.3	25.8	35.7									31.2	10
1												ClearviewHwy-5-W	
156.4												4.5	10

LETTER POSITIONS (X)																	LENGTH	SERIES/SIZE
E	X	I	T	4	A												ClearviewHwy-5-W	
186.8	195.4	206.8	211.7	228.9	244												71.2	10,15
S	O	U	T	H													64.4	15,12
111.4	126.1	141.5	154.3	166.6														
C	o	l	l	i	n	s	v	i	l	l	e		R	d			ClearviewHwy-5-W	
12.5	29.6	47.4	57.2	66.7	76.1	92	105.4	121.3	130.8	140.6	149.8	161.6	179.9	196.6	195.7		1613	

FILE NAME - DBTRJ-76C45-sht-signs-det01.sgn	USER NAME - mncconachje	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS			
SCALE: N/A	SHEET NO. 34 OF 35 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-15G	ST. CLAIR	145	85
*998/70/64		CONTRACT NO. 76C45		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:
Field Units
f_c = 3,500 p.s.i.
f_y = 60,000 p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.

The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to AASHTO M314 Gr. 36, 55 or 105 with a minimum Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F.

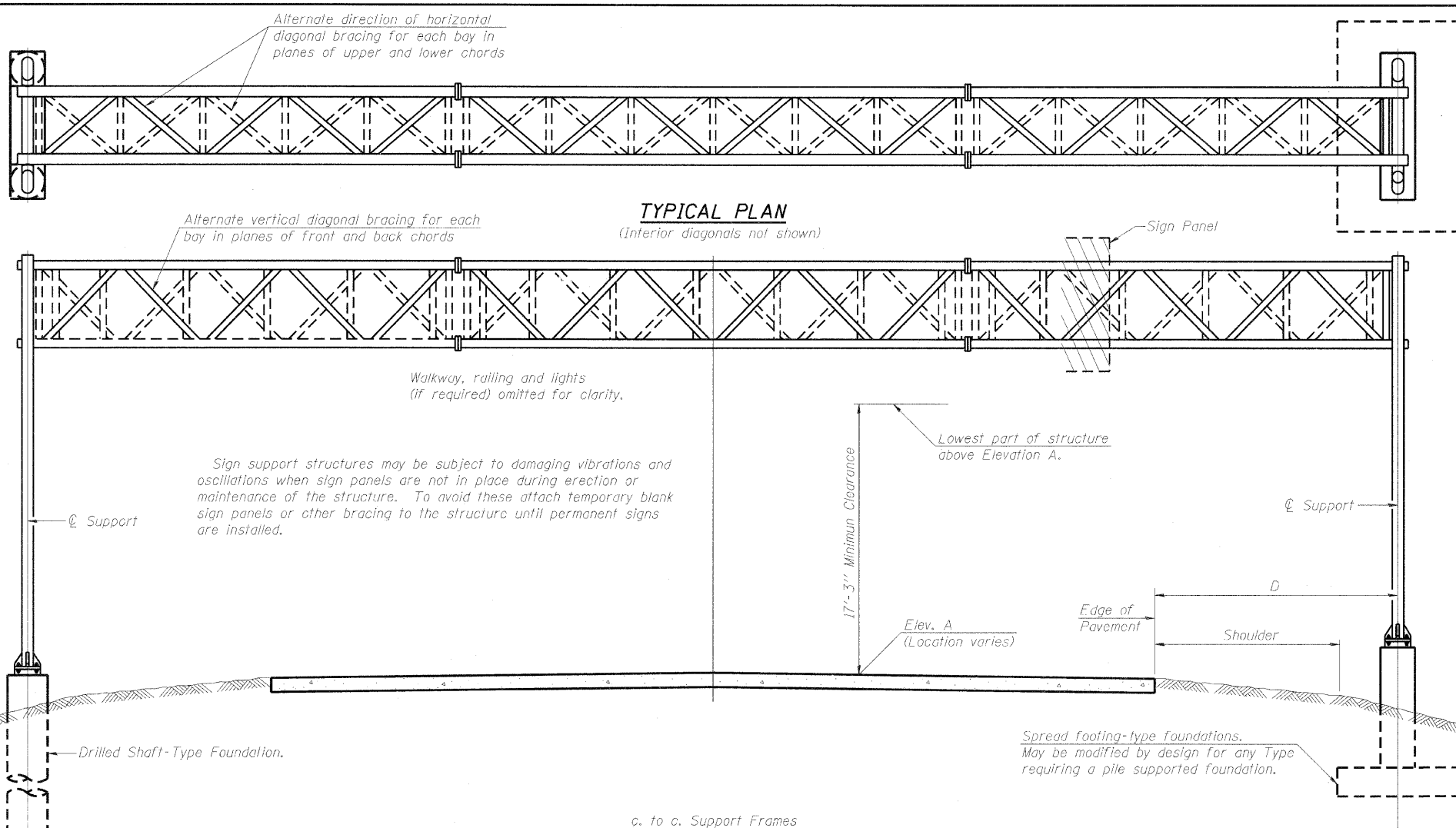
CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Bridge Seat Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Concrete Foundations and Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE SPAN TYPE I-A	Foot	89
OVERHEAD SIGN STRUCTURE SPAN TYPE II-A	Foot	68
OVERHEAD SIGN STRUCTURE SPAN TYPE III-A	Foot	349
OVERHEAD SIGN STRUCTURE WALKWAY TYPE A	Foot	333
CONCRETE FOUNDATIONS	Cu Yds.	0
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu Yds.	161



TYPICAL ELEVATION

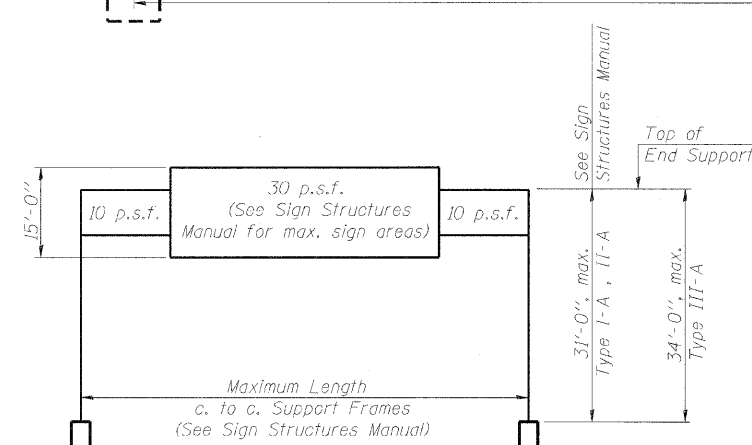
(Looking at Face of Signs)**

Elev. A = Elevation at point of minimum clearance to sign, walkway support or truss.

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of tallest Sign	Total Sign Area
8S0821055L002.0	13+35.55	II-A	68	415.82	20'-2"	18'-6"	678 SQ FT
8S0821064L003.6	77+03.00	III-A	62	440.48	11'-3"	19'-6"	811 SQ FT
8S0821064L004.4	MM 4.5	III-A	104	439.95	17'-0"	21'-6"	767 SQ FT
8S0821055L003.6	MM 3.6	III-A	90	413.41	32'-3 1/2"	17'-6"	861 SQ FT
8S0821055R003.6	MM 3.6	III-A	93	414.19	32'-1"	14'-6"	609 SQ FT
8S0821055L005.0	MM 5.0	I-A	89	410.44	32'-7"	14'-6"	501 SQ FT

**Looking upstation for structures with signs both sides.

* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.

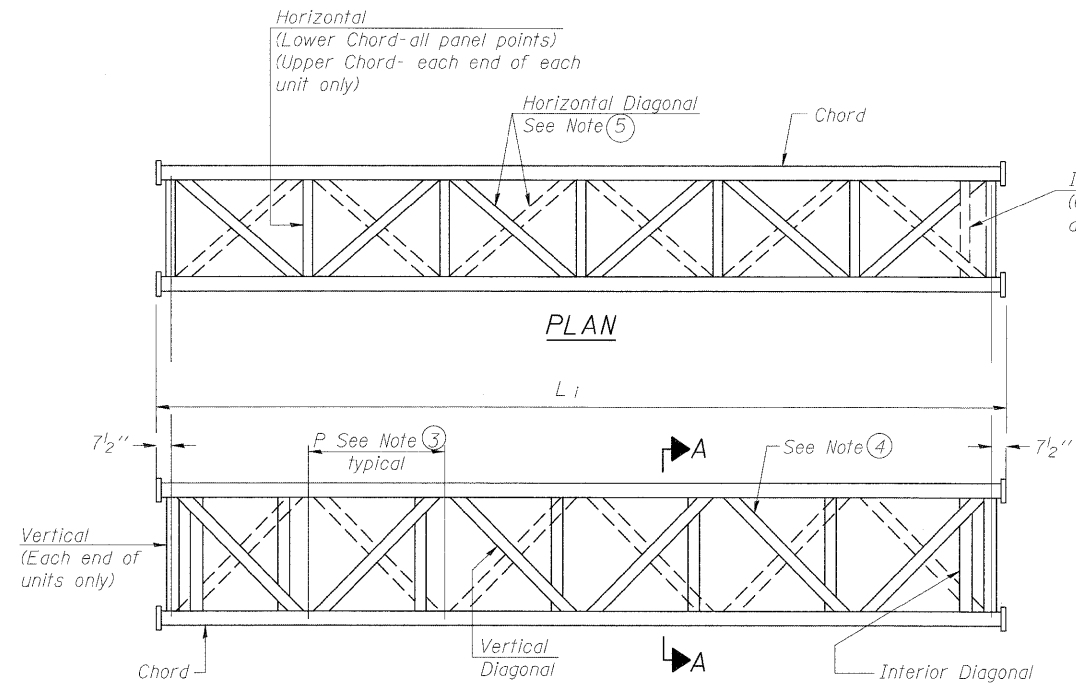


OS-A-1

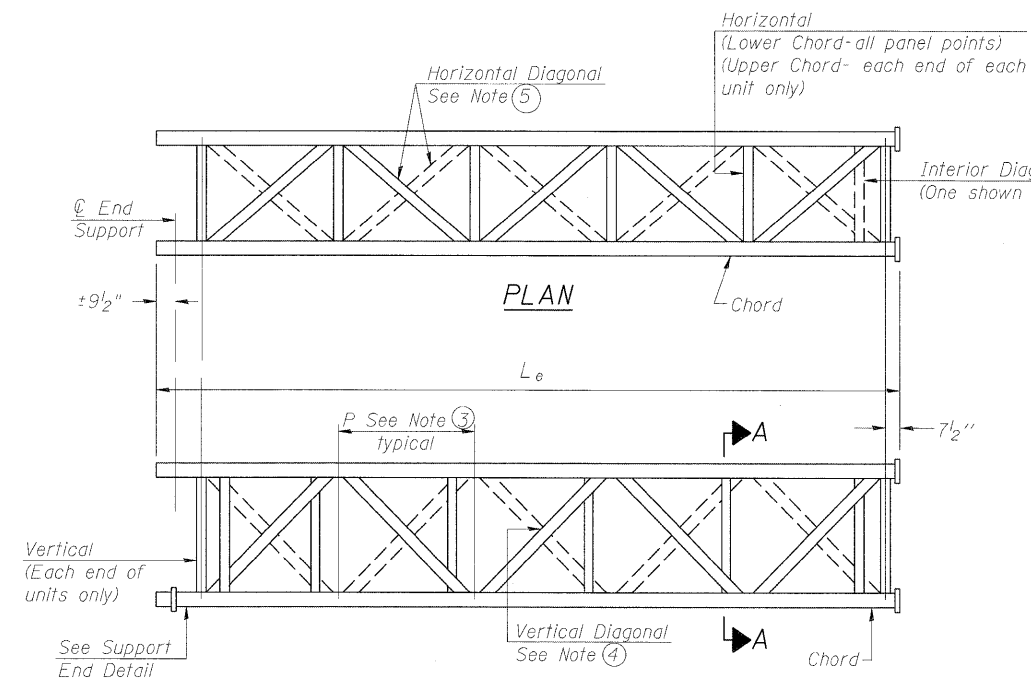
7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED - 3/2/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES - GENERAL PLAN & ELEVATION - ALUMINUM TRUSS & STEEL SUPPORTS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED - MPW	REVISED -				82-1SG	ST. CLAIR	145	87	
	DRAWN - PMK	REVISED -				998/70/64	CONTRACT NO. 76C45			
	CHECKED - MPW	REVISED -				ILLINOIS FED. AID PROJECT				

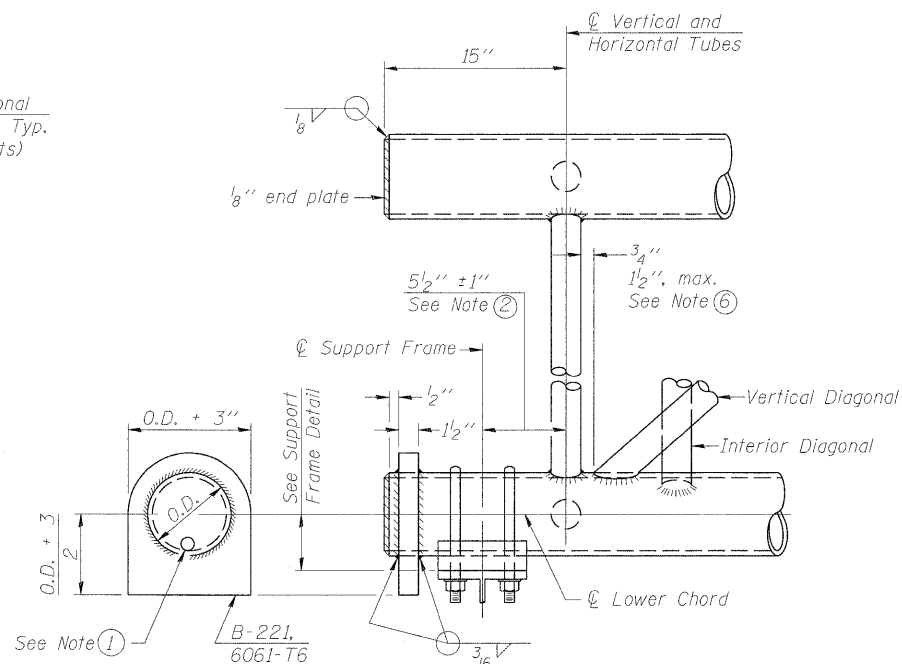
SHEET NO. 1 OF 16 SHEETS



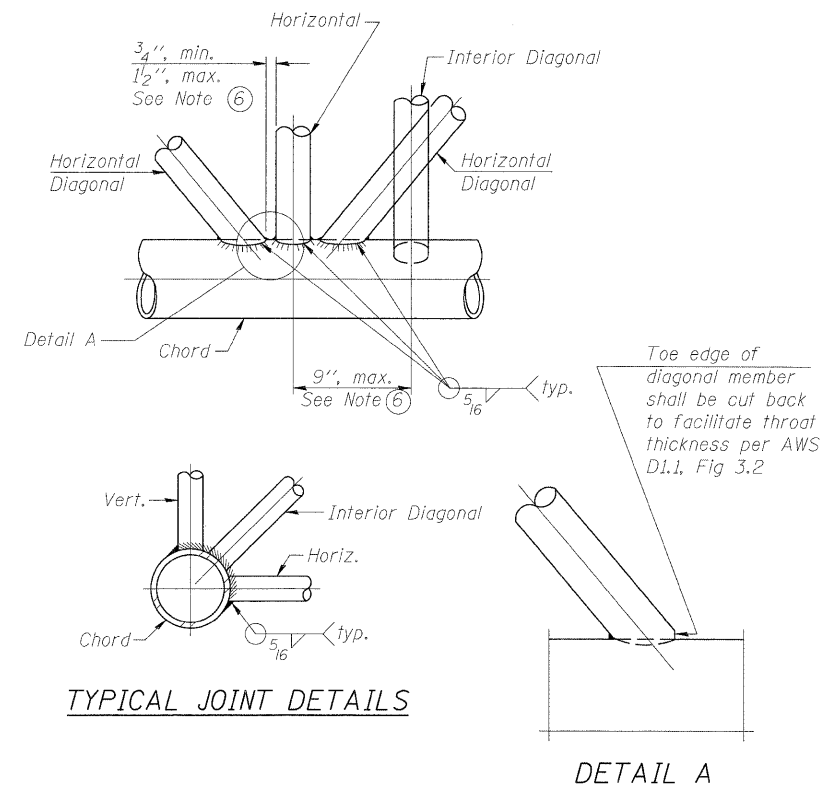
**ELEVATION
TYPICAL INTERIOR UNIT**
Even number of panels/interior unit required.



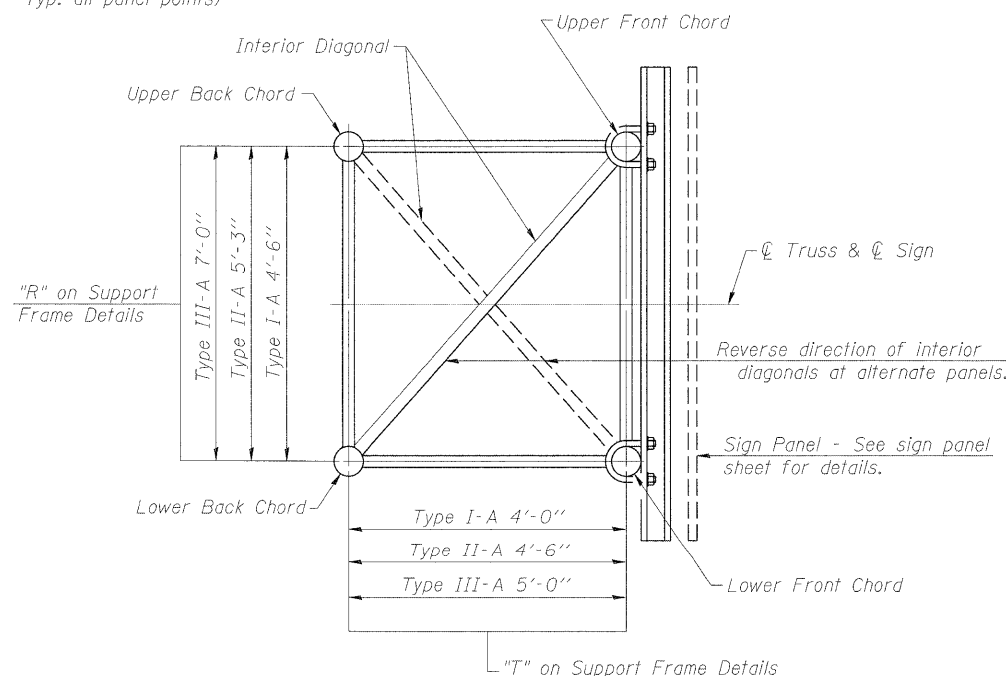
**ELEVATION
TYPICAL EXTERIOR UNIT**
Even or odd number of panels/exterior units allowed.



SUPPORT END DETAIL FOR EXTERIOR UNIT



TYPICAL JOINT DETAILS



SECTION A-A

- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" φ drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by ±1" to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

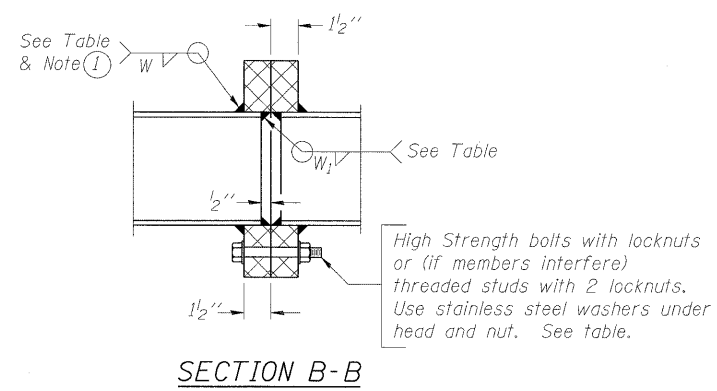
OS-A-2

7-1-10

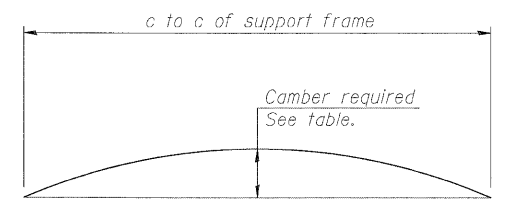
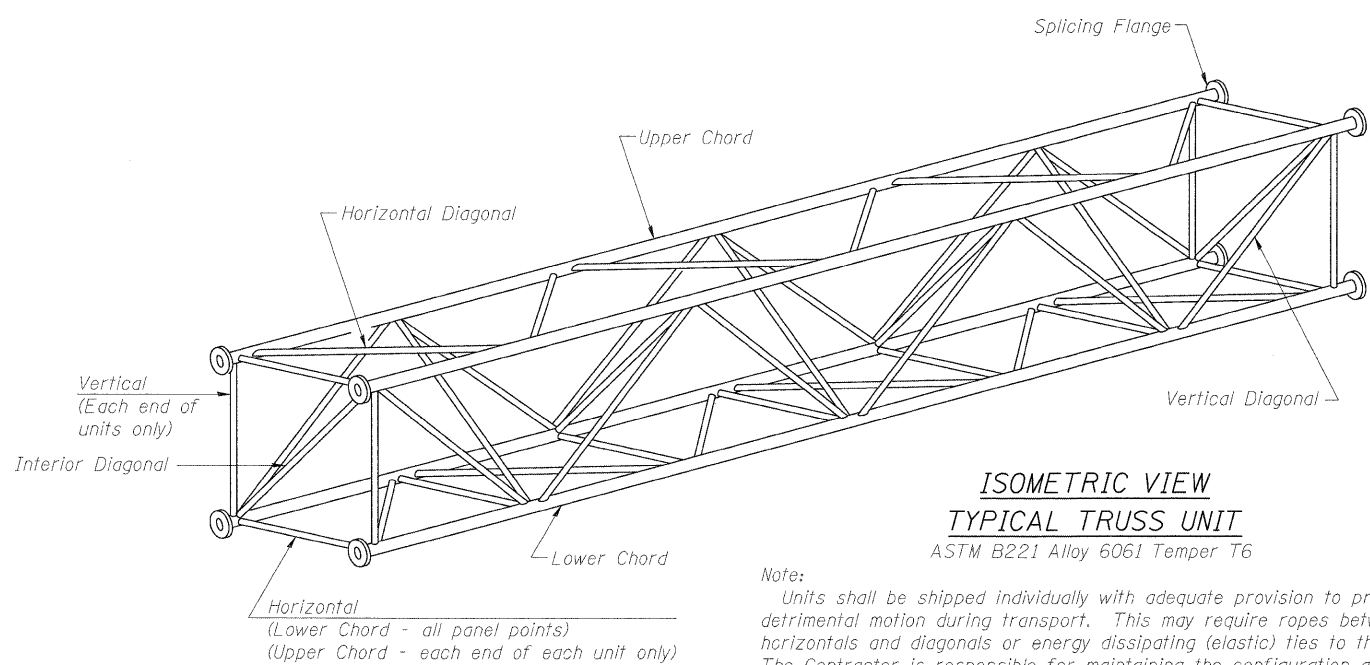
FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS DETAILS FOR TRUSS TYPES I-A, II-A AND III-A	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - MPW	REVISED -			82-1SG	ST. CLAIR	145	88	
	DRAWN - PMK	REVISOR -	REVISED -			•998/70/64	CONTRACT NO. 76C45			
	PLOT DATE =	CHECKED - MPW	REVISED -			SHEET NO. 2 OF 16 SHEETS		ILLINOIS FED. AID PROJECT		

TRUSS UNIT TABLE

Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit			Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange						
			No. Panels per Unit	Unit Lgth.(L _e)	Panel Lgth.(P)	No. Req'd.	No. Panels per Unit	Unit Lgth.(L _i)	Panel Lgth.(P)	O.D.	Wall	O.D.		Wall	Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	W ₁		
8S0821055L002.0	13+35.55	II-A	7	34'-10"	4'-8 1/2"	0	-	-	-	5 1/2"	5 1/2"	3"	5 1/2"	1.29"	6	7/8"	3/8"	1/4"	9 1/4"	12 1/4"
8S0821064L003.6	77+03.00	III-A	6	31'-10 1/2"	5'-0"	0	-	-	-	7"	1/2"	3 1/4"	5 1/2"	0.74"	8	1"	9/16"	7/16"	11 1/2"	15"
8S0821064L004.4	MM 4.5	III-A	7	37'-0 1/4"	5'-0 1/4"	1	6	31'-4 1/2"	5'-0 1/4"	8 1/2"	1/2"	3 1/2"	5 1/2"	2.48"	8	1 1/4"	9/16"	7/16"	13"	16 1/2"
8S0821055L003.6	MM 3.6	III-A	5	28'-11 1/2"	5'-5"	1	6	33'-9"	5'-5"	7"	1/2"	3 1/4"	5 1/2"	1.80"	8	1"	9/16"	7/16"	11 1/2"	15"
8S0821055R003.6	MM 3.6	III-A	6	31'-9"	4'-11 3/4"	1	6	31'-1 1/2"	4'-11 3/4"	7"	5/8"	3 1/4"	5 1/2"	1.95"	6	1"	7/16"	5/16"	11 1/2"	15"
8S0821055L005.0	MM 5.0	I-A	6	30'-4 1/2"	4'-9"	1	6	29'-9"	4'-9"	5 1/2"	5/8"	2 1/2"	5 1/2"	2.70"	6	7/8"	3/8"	1/4"	9 1/4"	12 1/4"

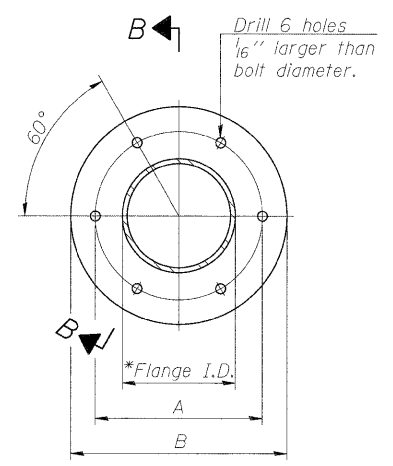
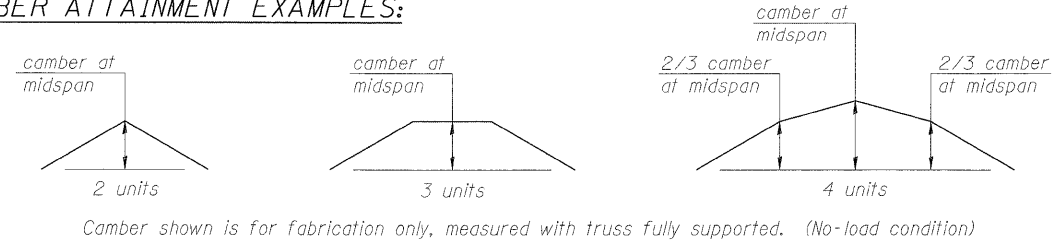


① Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.

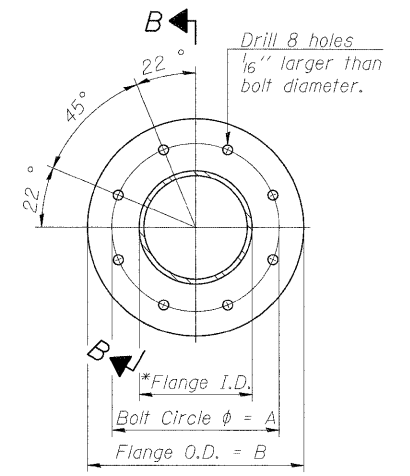


CAMBER DIAGRAM
Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

CAMBER ATTAINMENT EXAMPLES:



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A

SPLICING FLANGES

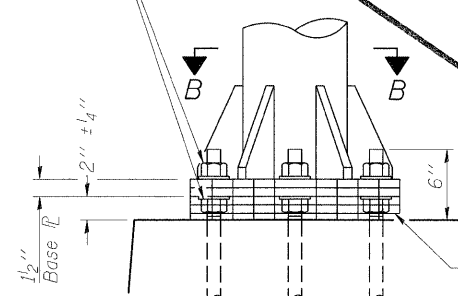
ASTM B221, Alloy 6061-T6
or ASTM B209, Alloy 6061-T651
*To fit O.D. of Chord with maximum gap of 1/16".

OS4-A-2

7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS DETAILS FOR TRUSS TYPES I-A, II-A AND III-A	F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	CHECKED - MPW	REVISED -	82-15G			ST. CLAIR	145	89		
PLOT DATE =	DRAWN - PMK	REVISED -	998/70/64			CONTRACT NO. 76C45				
	CHECKED - MPW	REVISED -	ILLINOIS FED. AID PROJECT							

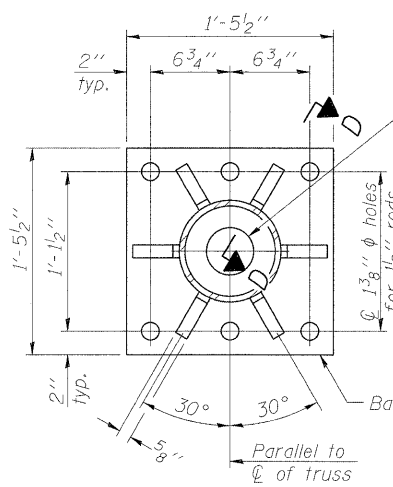
Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.



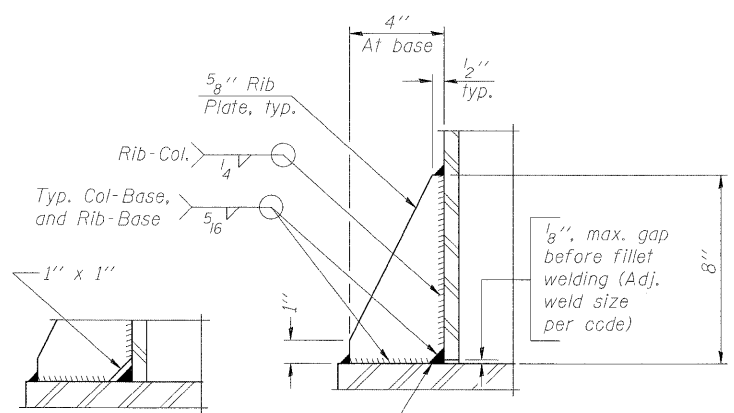
DETAIL B

Ribs shall be cut to fit slope of pipe.

Stainless Steel Standard Grade Wire Cloth, 3" wide, 1/4" maximum opening with a minimum wire diameter of AWG. No. 16 with a minimum 2" lap. Secure to base plate after erection with 3/4" stainless steel banding.



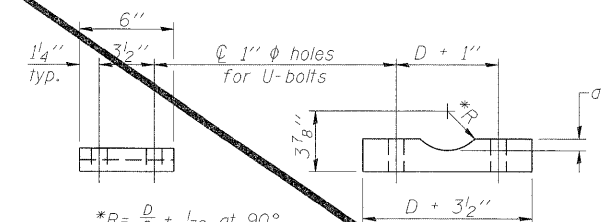
SECTION B-B



SECTION D-D

** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.

No snip req'd. at rib inside corner if placed before col. to base plate welding.

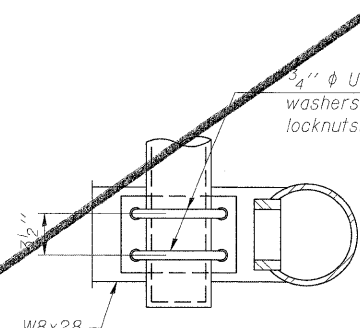


SADDLE SHIM DETAIL

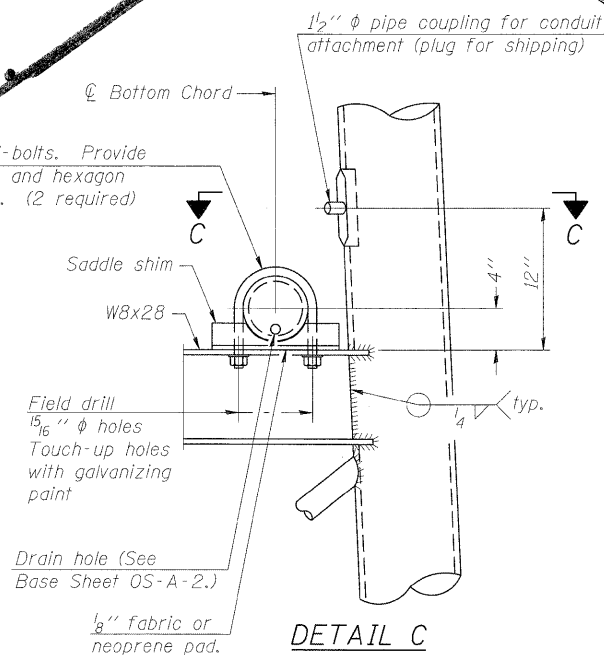
ASTM B26 Alloy 356-F or ASTM B209 Alloy 6061-T651 (4 required per sign truss)

Truss Chord Nominal Dia.	
5"	3/4"
6"	13/16"
8"	7/8"
6 1/2"	15/16"

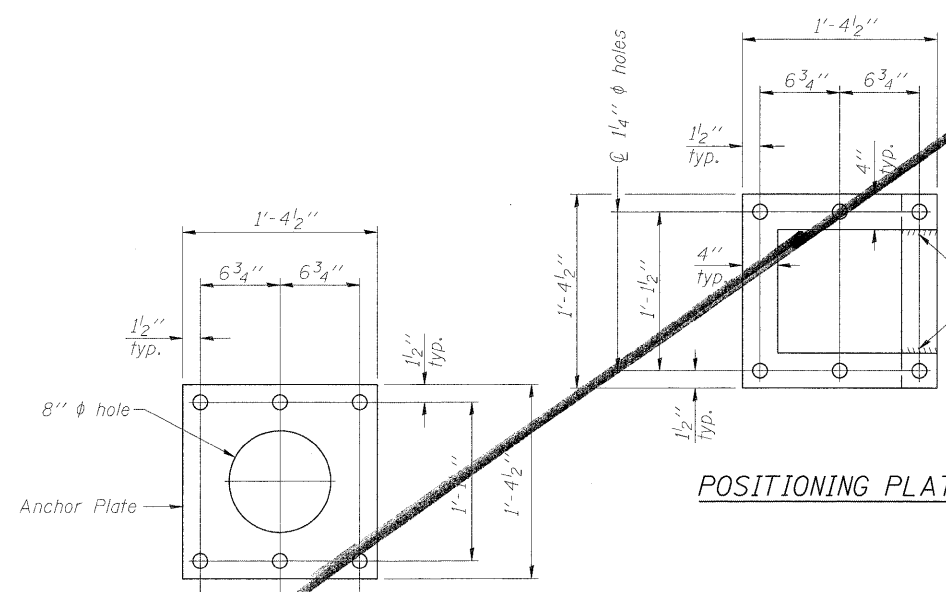
*R = D/2 + 1/32 at 90°
D = Outside Diameter of Chord.



SECTION C-C
(Handhole cover not shown)

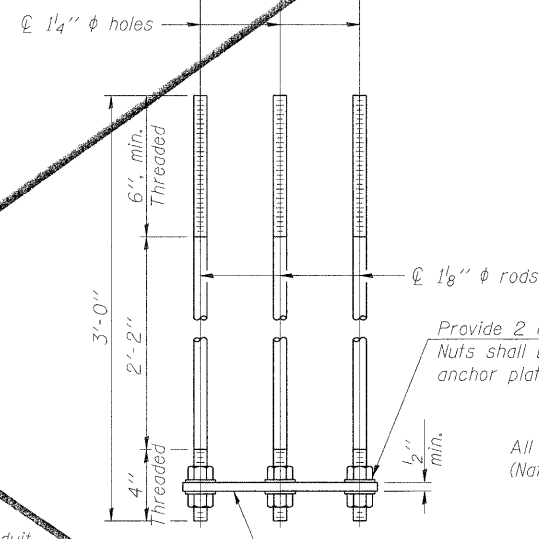


DETAIL C

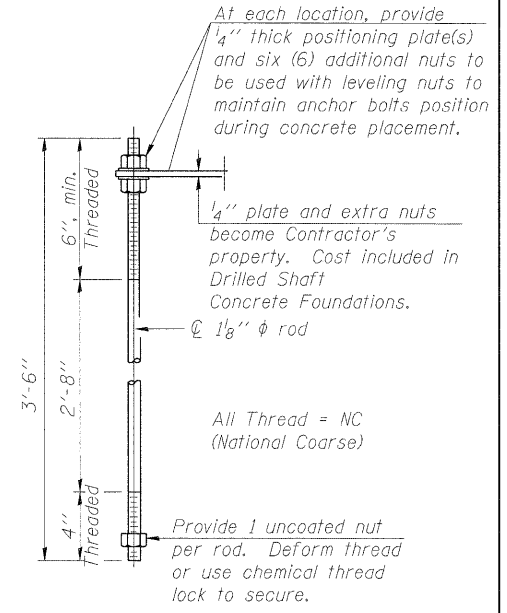


POSITIONING PLATE(S)

Optionally may use four (4) separate bars. Weld to maintain perpendicularity.



ANCHOR ROD DETAIL
Spread Footing Foundation



ANCHOR ROD DETAIL
Drilled Shaft Foundation

All Thread = NC (National Coarse)

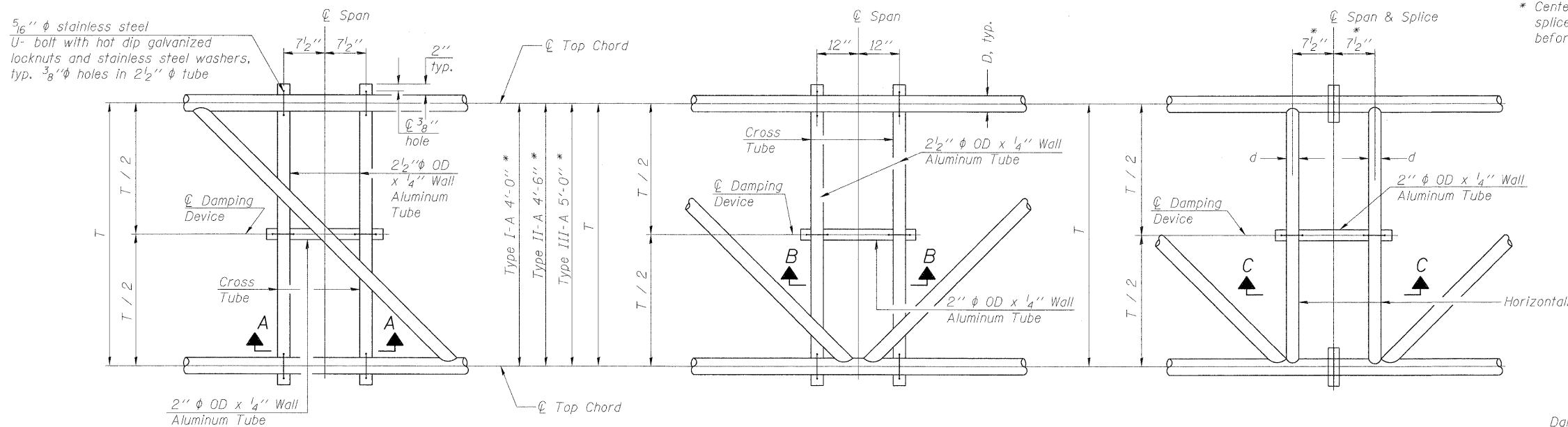
Anchor rods shall conform to AASHTO M314 Grade 36 or 55 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

TYPE I-A TRUSS
8" φ PIPE SUPPORT FRAME DETAILS

OS-A-4A

7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES SUPPORT FRAME DETAILS - ALUMINUM TRUSS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	DRAWN - PMK	CHECKED - MPW	REVISED -			•	B2-15G	ST. CLAIR	145	90
PLOT DATE =	CHECKED - MPW	REVISED -	REVISED -			•998/70/64				CONTRACT NO. 76C45
						SHEET NO. 4 OF 16 SHEETS				



* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.

PLAN DETAIL "A"
 ☉ Span between Panel Points

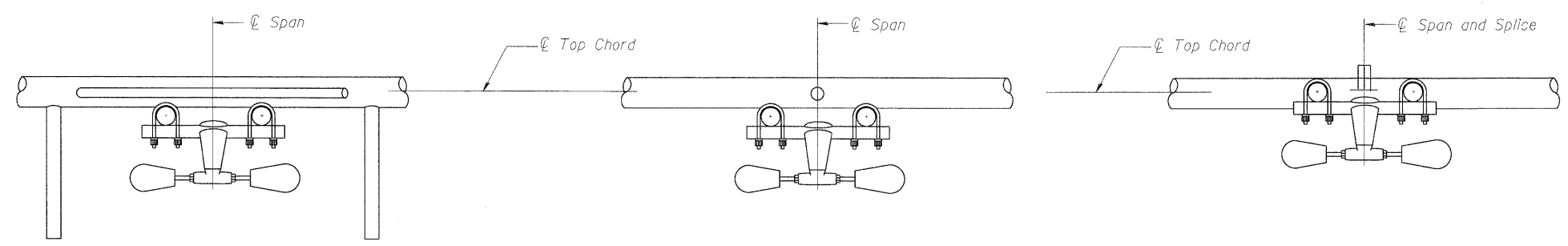
PLAN DETAIL "B"
 ☉ Span at Panel Point

PLAN DETAIL "C"
 ☉ Span at ☉ Chord Splice

NOTES

Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...

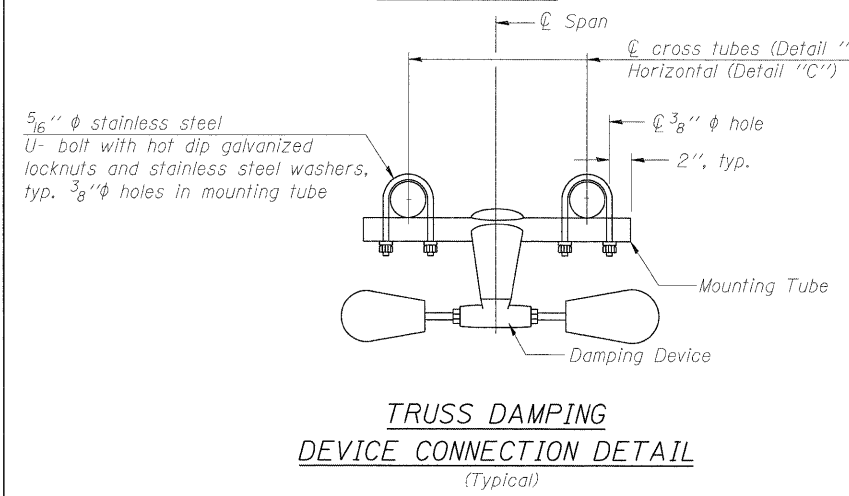
Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



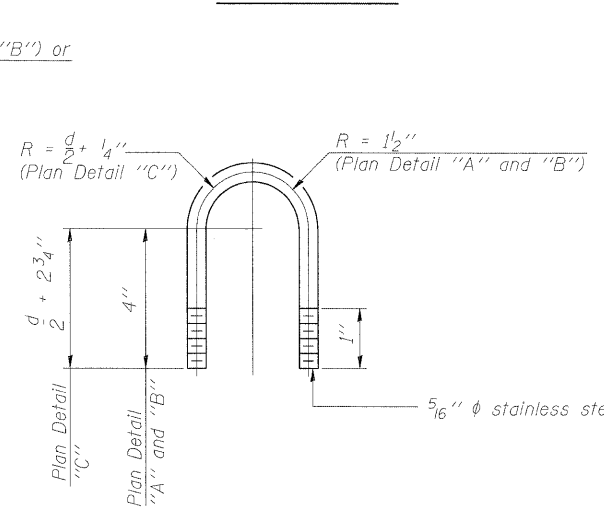
SECTION A-A

SECTION B-B

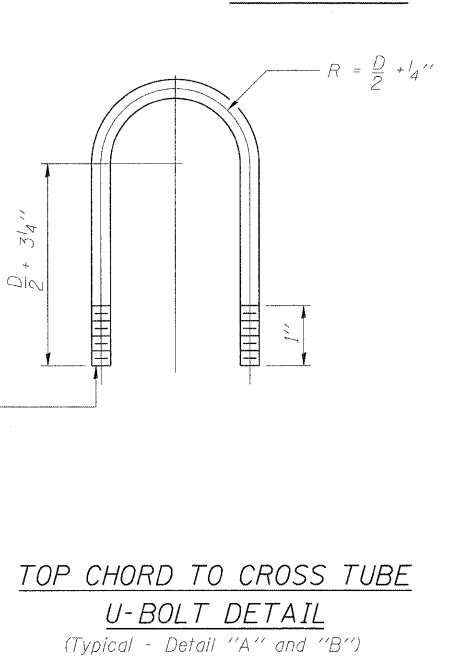
SECTION C-C



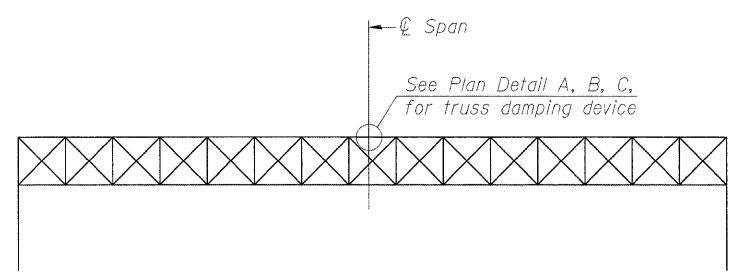
TRUSS DAMPING DEVICE CONNECTION DETAIL
 (Typical)



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
 (Typical)



TOP CHORD TO CROSS TUBE U-BOLT DETAIL
 (Typical - Detail "A" and "B")



ELEVATION
 Aluminum Overhead Sign Truss

OS-A-D

7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -

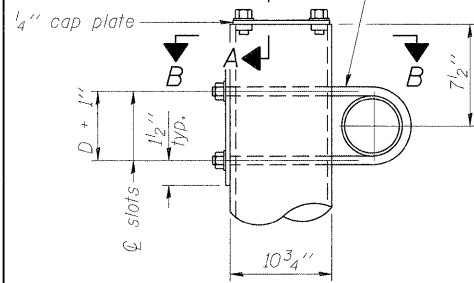
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE
DAMPING DEVICE

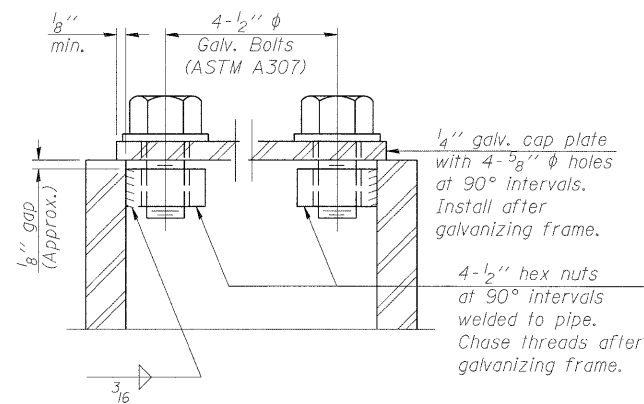
SHEET NO. 5 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	B2-1SG	ST. CLAIR	145	91
*998/70/64			CONTRACT NO. 76C45	
ILLINOIS FED. AID PROJECT				

3/4" φ stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
13/16" x 2" slots on 10" φ pipe.
(4 slots required per pipe)

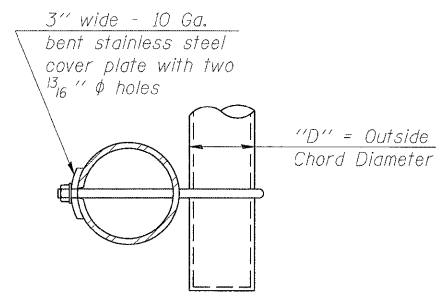


DETAIL A

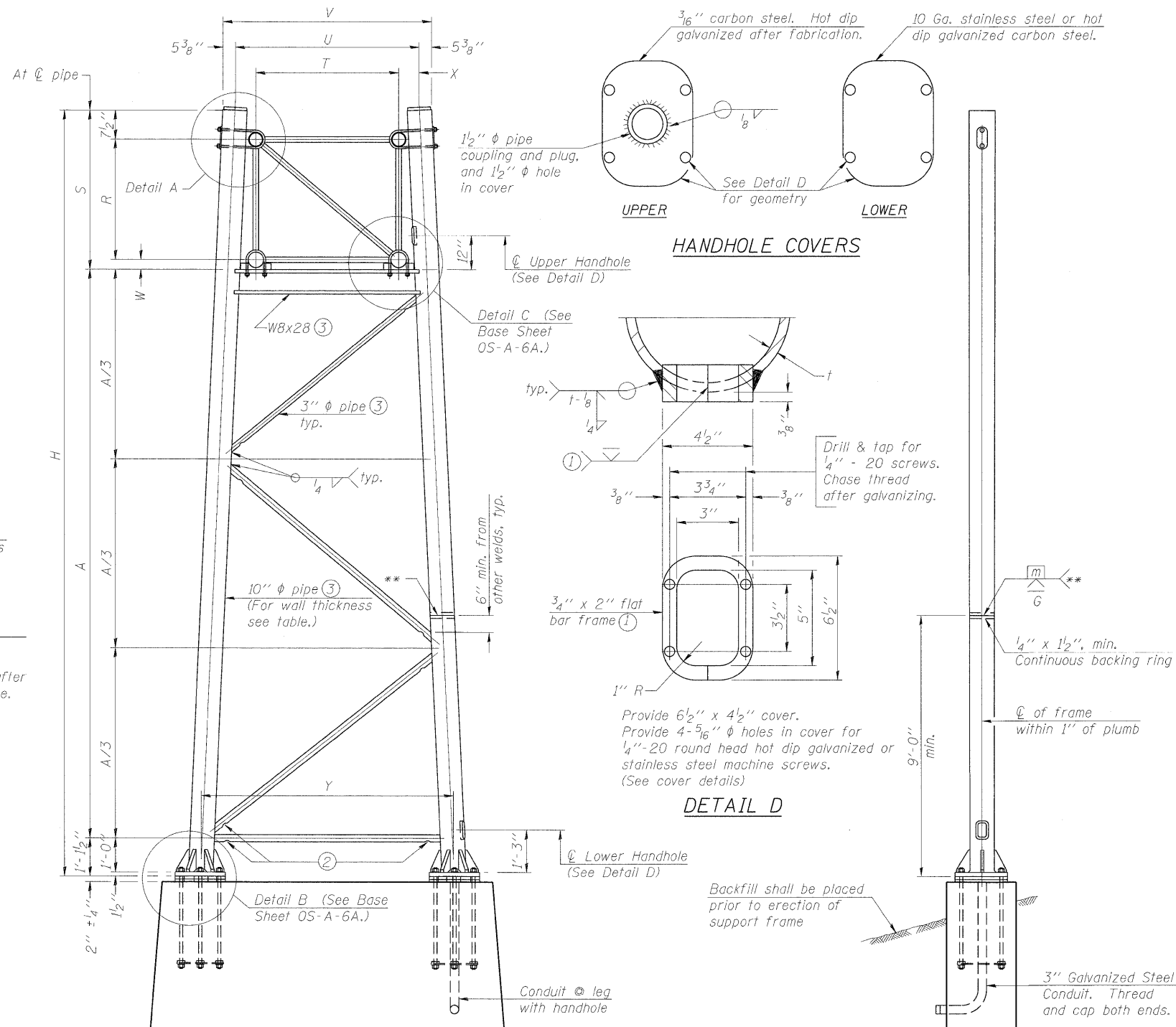


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



SECTION B-B



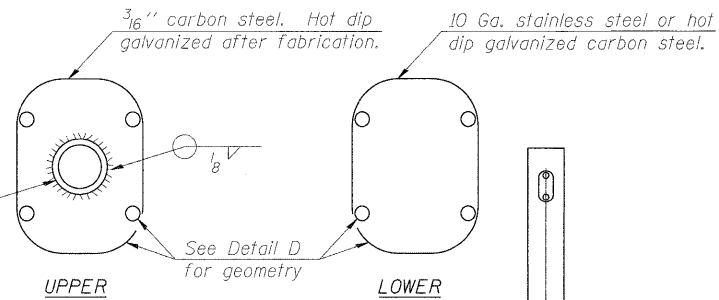
For Foundation Details, see base sheet OS-F3 (Spread Footing) or OS4-F3 (Drilled Shaft).

SIDE ELEVATION

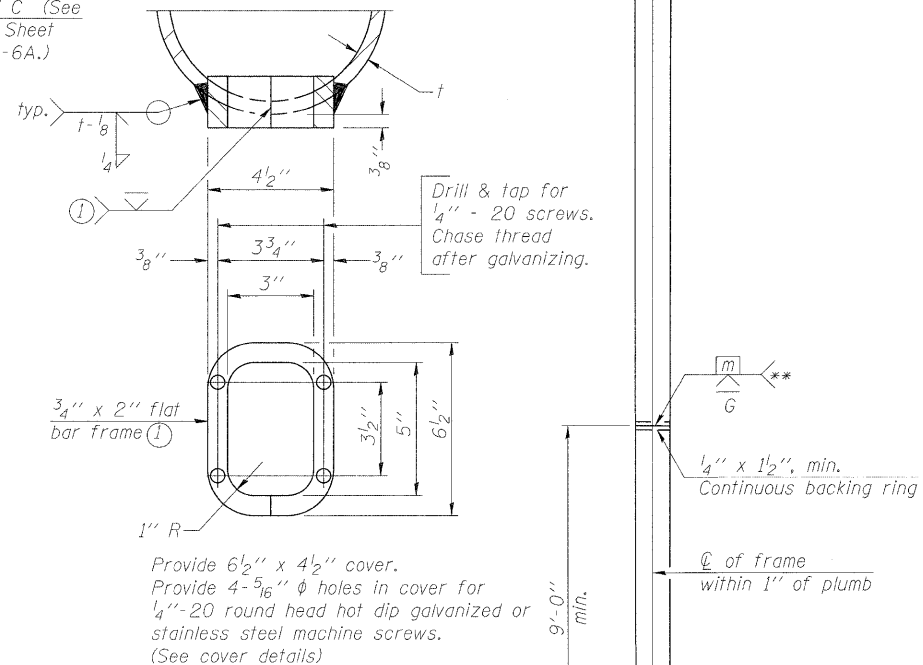
Truss Type	Dimensions							
	R	S	T	U	V	W	X	Y
I-A	4'-6"	5'-5 1/2"	4'-0"	5'-6"	6'-4 3/4"	4"	9"	8'-3"
II-A (5)	5'-3"	6'-3 1/4"	4'-6"	6'-1"	6'-11 3/4"	4 3/4"	9 1/2"	8'-3"

10" φ PIPE TRUSS SUPPORT FRAME

** One butt welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.



HANDHOLE COVERS



DETAIL D

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.
Load combinations checked include deadload plus:
a) 100% wind normal to sign, 20% parallel to sign
b) 60% wind normal to sign, 30% parallel to sign

- In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μin or less.
- Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- "H" based on 15'-0" or actual sign height, whichever is greater.

END ELEVATION

Structure Number	Station	Support		Truss Type	Pipe Wall Thickness	H (6)	A
		Left	Right				
8S082I055L002.0	13+35.55	X		II-A	0.365"	29.0'	21.60'
8S082I055L002.0	13+35.55		X	II-A	0.365"	24.0'	16.60'
8S082I055L005.0	MM 5.0	X		I-A	0.279"	27.5'	20.92'
8S082I055L005.0	MM 5.0		X	I-A	0.279"	30.5'	23.92'

OS-A-6

7-1-10

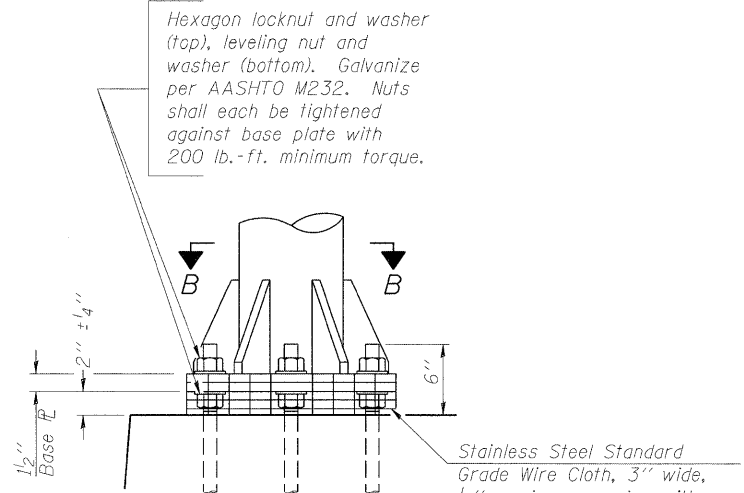
FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
PLOT SCALE =		DRAWN - PMK	REVISED -
PLOT DATE =		CHECKED - MPW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME FOR ALUMINUM TRUSS

SHEET NO. 6 OF 16 SHEETS

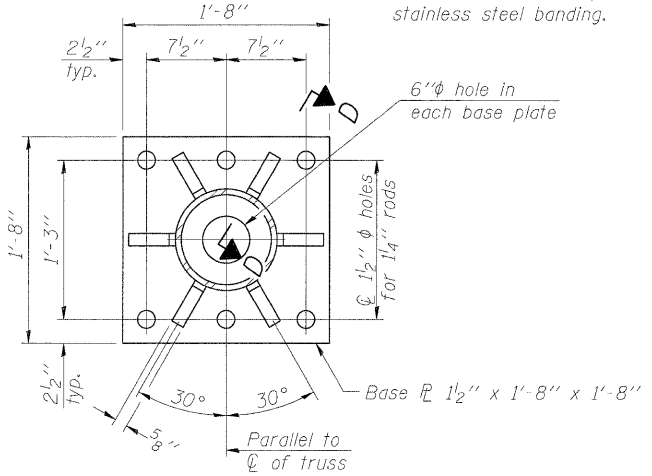
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	B2-15G	ST. CLAIR	145	92
•998/70/64		CONTRACT NO. 76C45		
ILLINOIS FED. AID PROJECT				



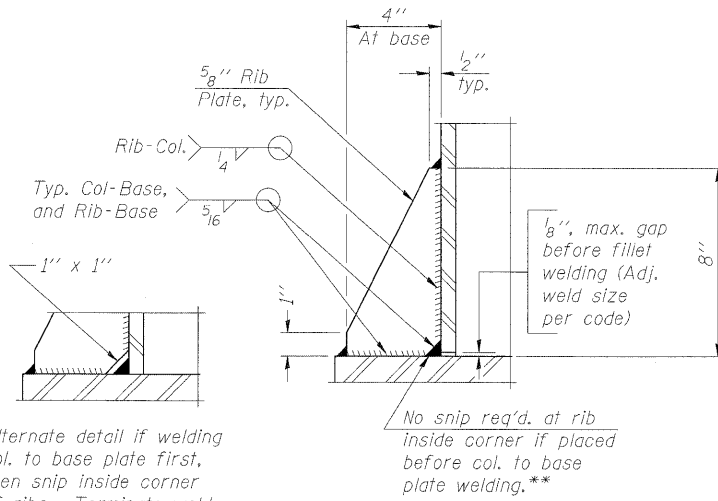
DETAIL B

Ribs shall be cut to fit slope of pipe.

Stainless Steel Standard Grade Wire Cloth, 3" wide, 1/4" maximum opening with a minimum wire diameter of AWG. No. 16 with a minimum 2" lap. Secure to base plate after erection with 3/4" stainless steel banding.

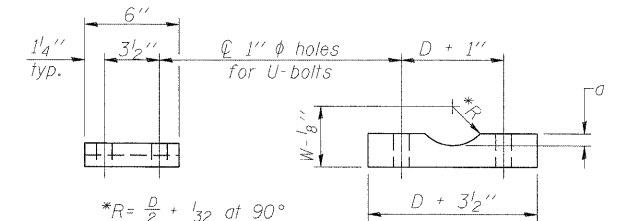


SECTION B-B



SECTION D-D

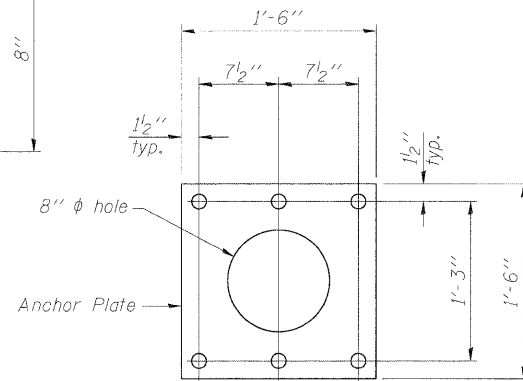
** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.



SADDLE SHIM DETAIL

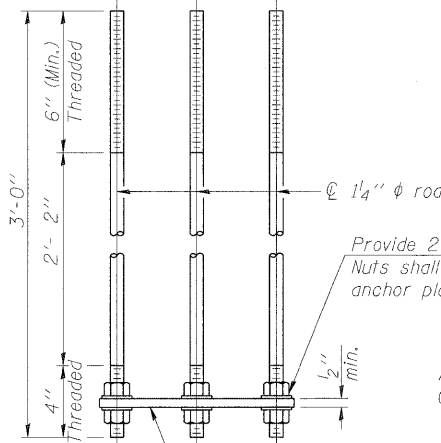
ASTM B26 Alloy 356-F or ASTM B209 Alloy 6061-T651 (4 required per sign truss)

Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	13/16"
6"	7/8"
6 1/2"	15/16"
7"	1"



ANCHOR ROD DETAIL

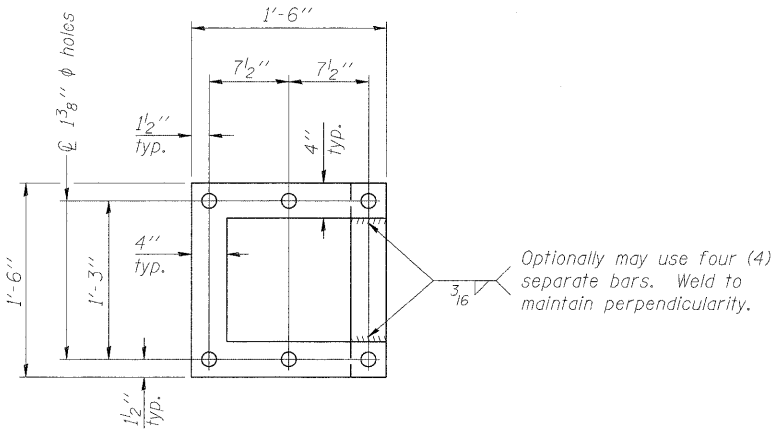
Spread Footing Foundation



All Thread = NC (National Coarse)

Anchor rods shall conform to AASHTO M314 Grade 36 or 50 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12" per AASHTO M232. No welding shall be permitted on rods.

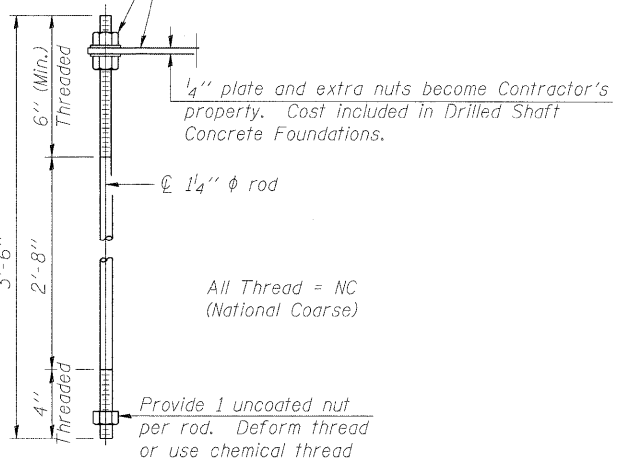
10" ϕ PIPE SUPPORT FRAME DETAILS



POSITIONING PLATE(S)

At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.

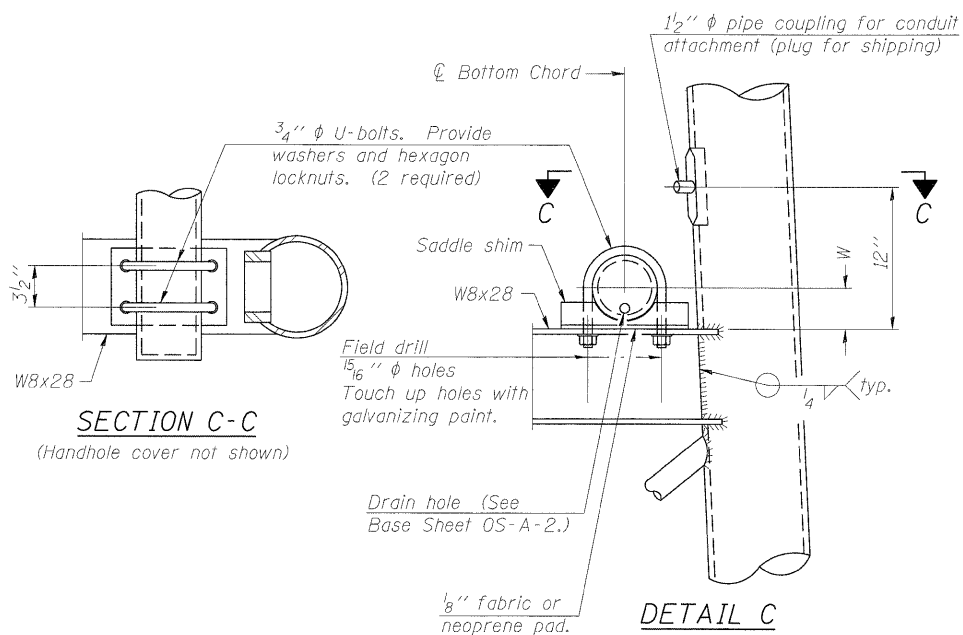
1/4" plate and extra nuts become Contractor's property. Cost included in Drilled Shaft Concrete Foundations.



All Thread = NC (National Coarse)

ANCHOR ROD DETAIL

Drilled Shaft Foundation



SECTION C-C

(Handhole cover not shown)

DETAIL C

OS-A-6A

7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -

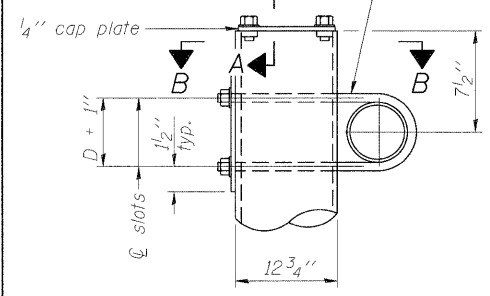
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME DETAILS - ALUMINUM TRUSS

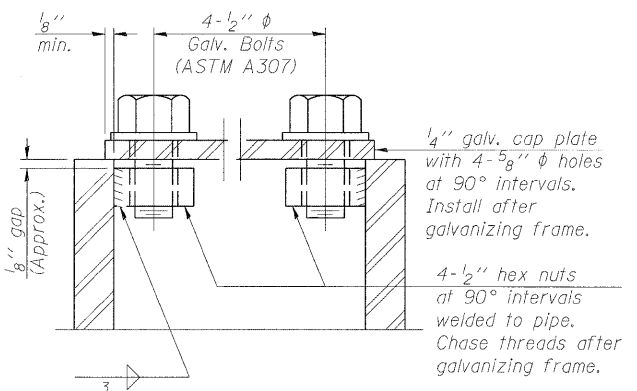
SHEET NO. 7 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	93
•998/70/64			CONTRACT NO. 76C45	
ILLINOIS FED. AID PROJECT				

3/4" φ stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
13/16" x 2" slots on 12" φ pipe.
(4 slots required per pipe)

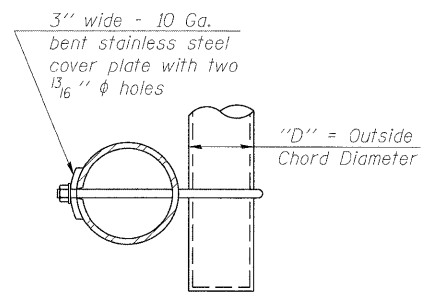


DETAIL A

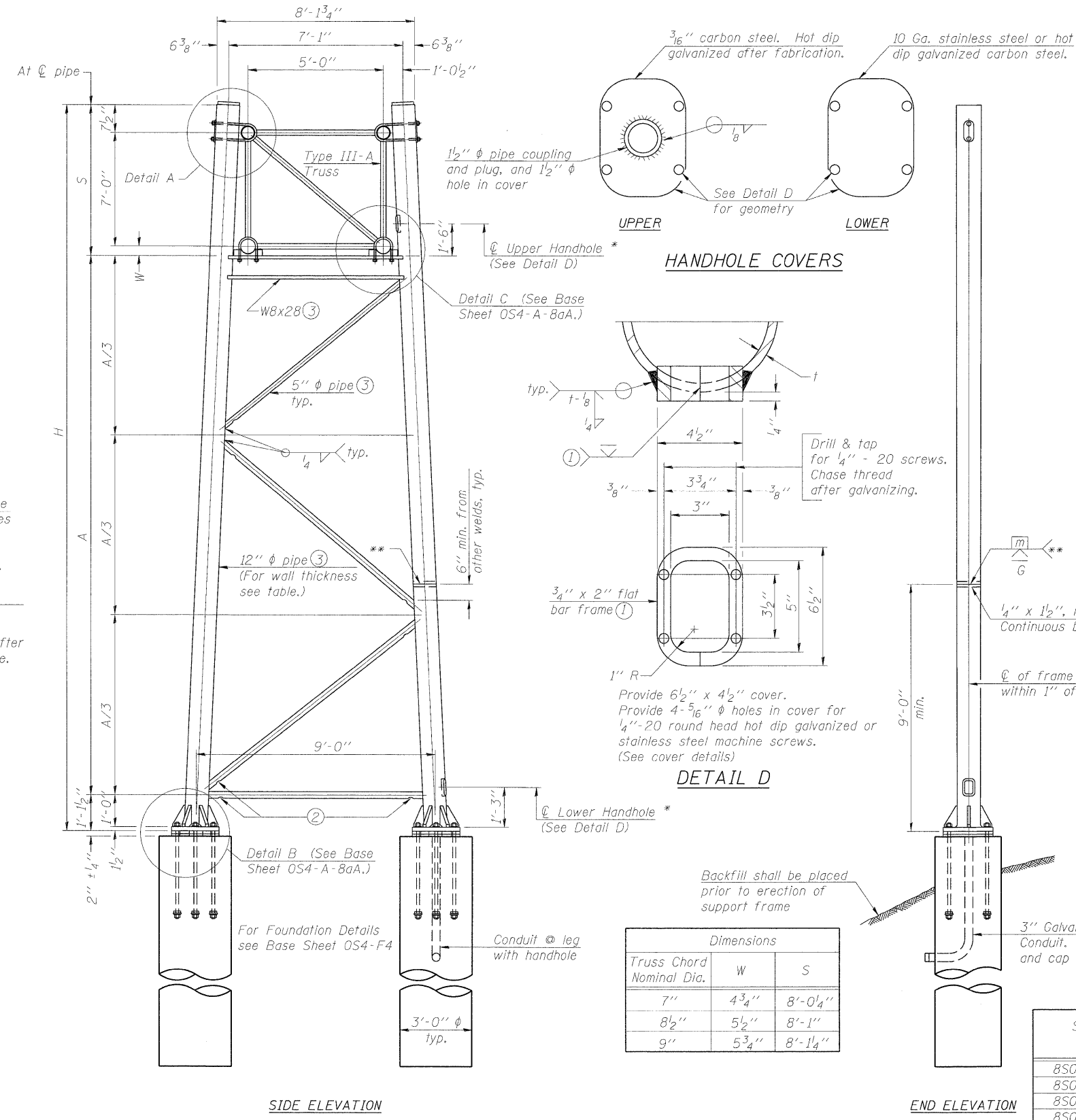


SECTION A-A

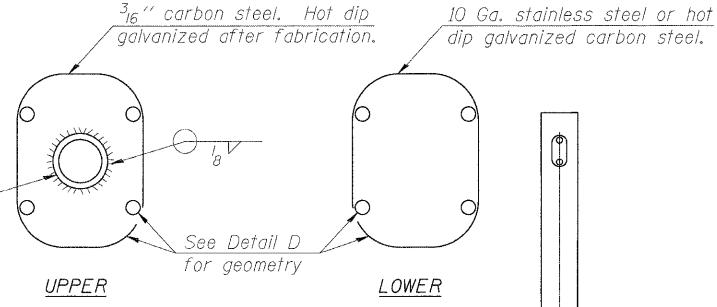
As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



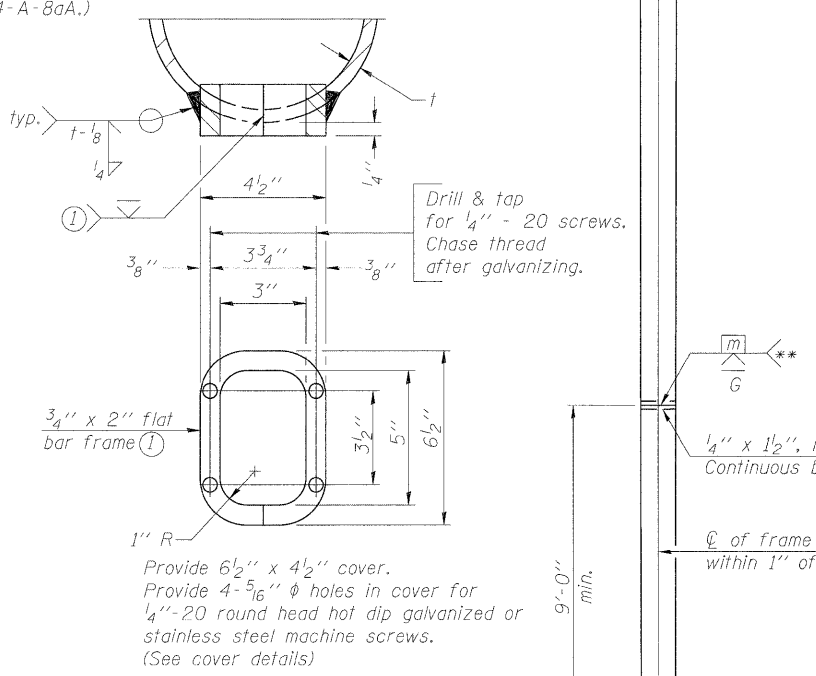
SECTION B-B



SIDE ELEVATION



HANDHOLE COVERS



DETAIL D

Dimensions		
Truss Chord Nominal Dia.	W	S
7"	4 3/4"	8'-0 1/4"
8 1/2"	5 1/2"	8'-1"
9"	5 3/4"	8'-1 1/4"

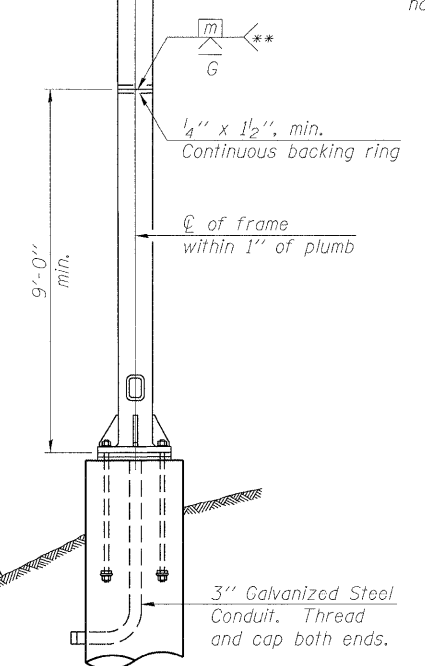
TRUSS SUPPORT DETAILS

(12" φ Pipe-Type III-A Truss)
** One butt welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.
Load combinations checked include deadload plus:
a) 100% wind normal to sign, 20% parallel to sign
b) 60% wind normal to sign, 30% parallel to sign

- In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μin or less.
- Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- "H" based on 15'-0" or actual sign height, whichever is greater.

* For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.



END ELEVATION

Structure Number	Station	Support		Pipe Wall Thickness	H (6)	A
		Left	Right			
8S0821064L003.6	77+03.00	X	X	0.375"	31.0'	21.85'
8S0821064L004.4	MM 4.5	X		0.5"	31.0'	21.80'
8S0821064L004.4	MM 4.5		X	0.5"	34.0'	24.80'
8S0821055L003.6	MM 3.6	X		0.375"	29.0'	19.85'
8S0821055L003.6	MM 3.6		X	0.375"	34.0'	24.85'
8S0821055R003.6	MM 3.6	X		0.330"	27.0'	17.85'
8S0821055R003.6	MM 3.6		X	0.330"	33.0'	23.85'

OS4-A-8a

7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -

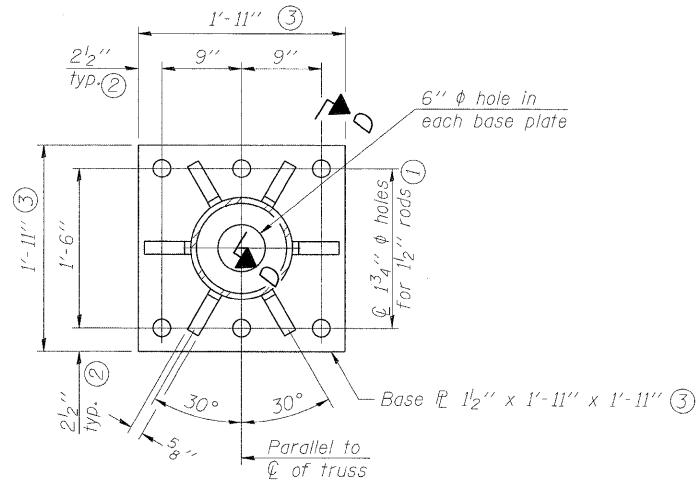
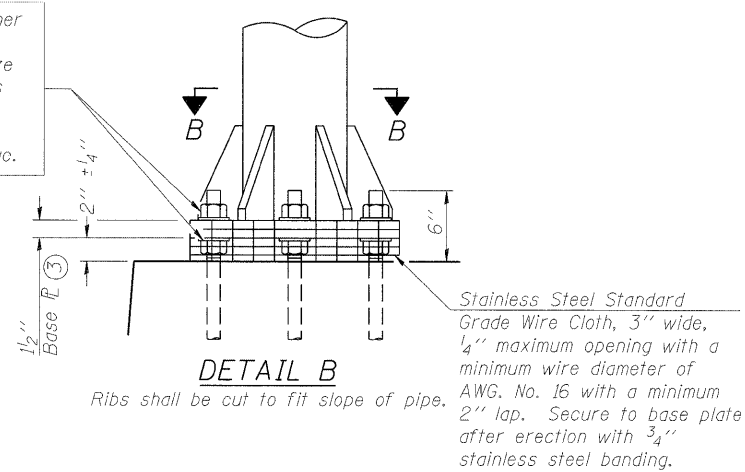
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES - SUPPORT FRAME
FOR TYPE III-A ALUMINUM TRUSS

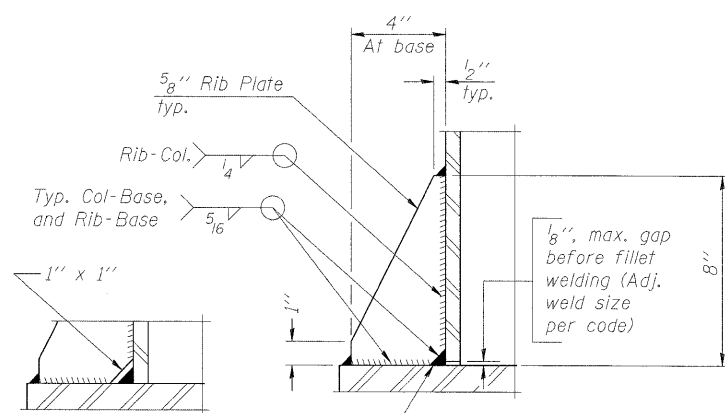
SHEET NO. 8 OF 16 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-1SG	ST. CLAIR	145	94
*998/70/64			CONTRACT NO. 76C45	
ILLINOIS FED. AID PROJECT				

Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.

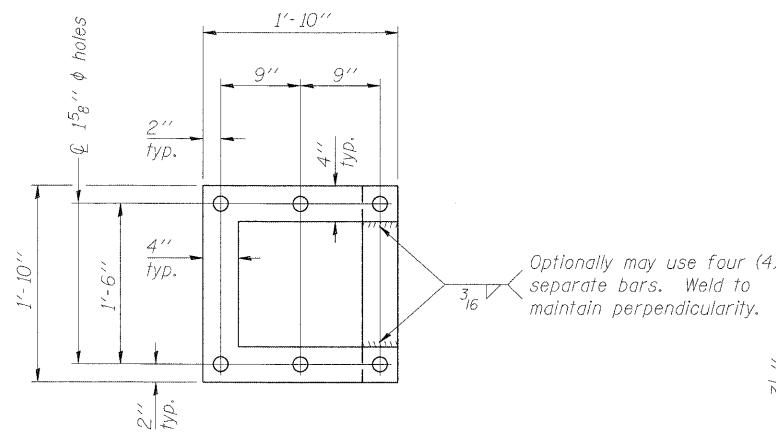


SECTION B-B

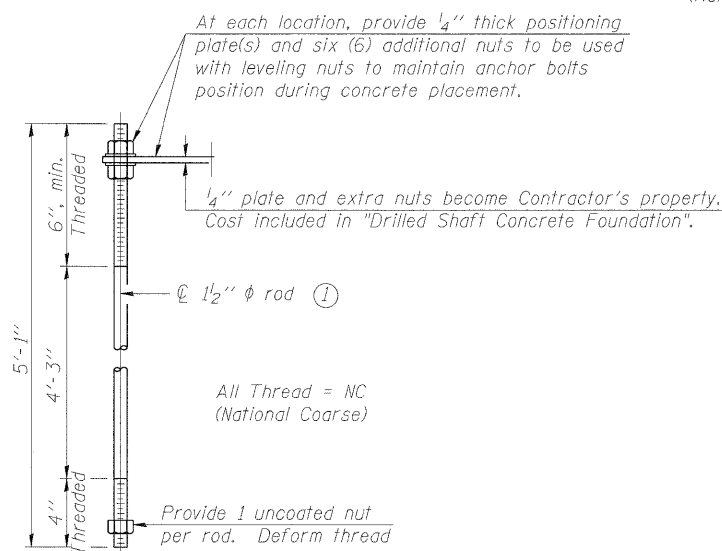


SECTION D-D

** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4 inch from snip.



POSITIONING PLATE(S)



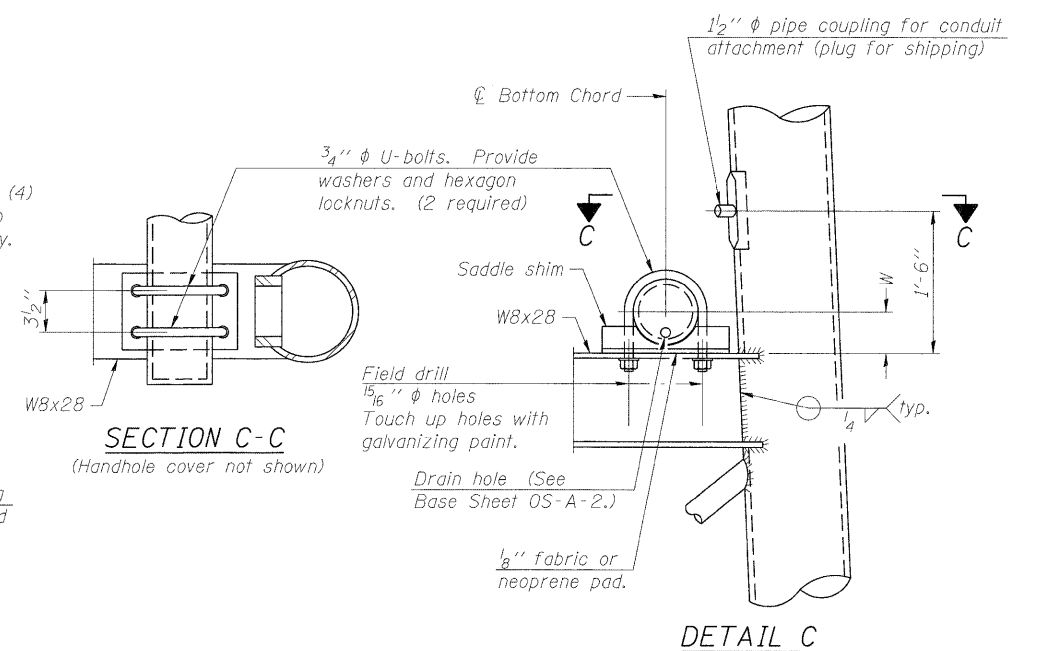
ANCHOR ROD DETAIL

Anchor rods shall conform to AASHTO M314 Grade 36 or 55 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. Galvanize upper 12 inches per AASHTO M232. No welding shall be permitted on rods.

**TYPE III-A TRUSS
12" Ø PIPE SUPPORT FRAME DETAILS**

Notes:
For Type III-A Truss spans greater than 150 ft. and up to 160 ft.:

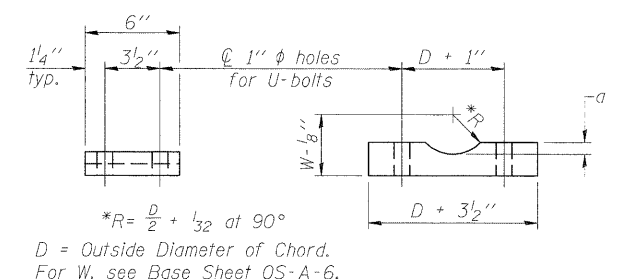
- ① 1 3/4" Ø rod, 2" Ø holes
- ② 2 3/4" edge distance
- ③ Base plate 1 5/8" x 1'-11 1/2" x 1'-11 1/2"



SECTION C-C

(Handhole cover not shown)

DETAIL C



Truss Chord Nominal Dia.	a
7"	1"
8 1/2"	1 1/4"
9"	1 3/8"

SADDLE SHIM DETAIL
ASTM B26 Alloy 356-F
or
ASTM B209 Alloy 6061-T651
(4 required per sign truss)

OS4-A-8aA

7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -

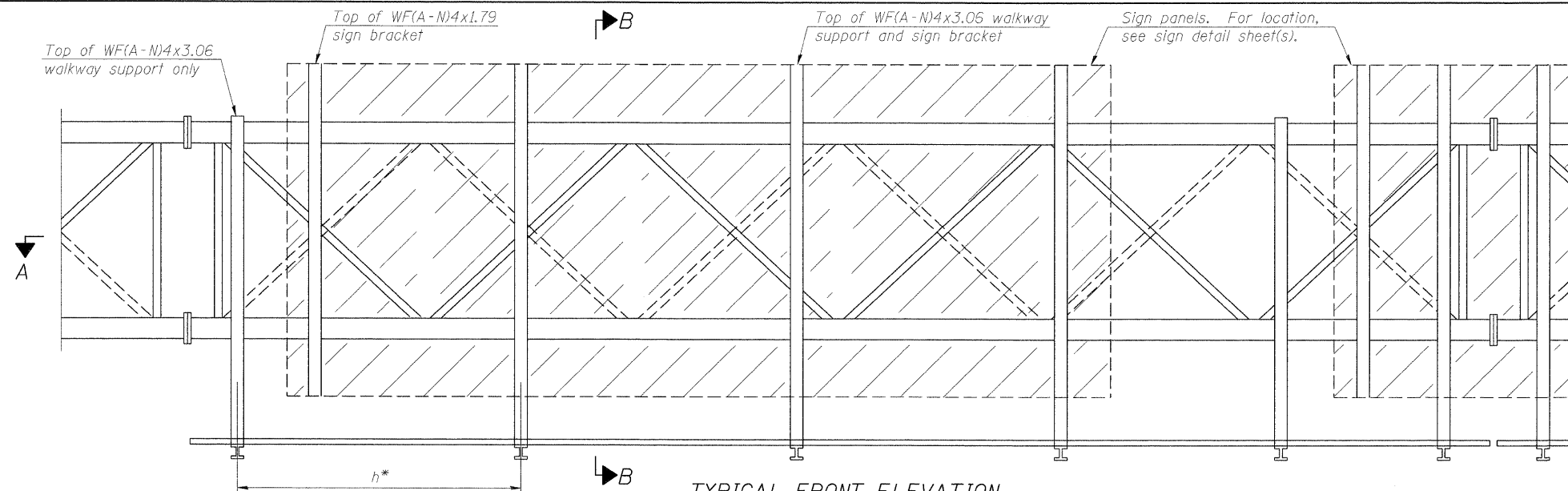
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
SUPPORT FRAME FOR TYPE III-A ALUMINUM TRUSS

SHEET NO. 9 OF 16 SHEETS

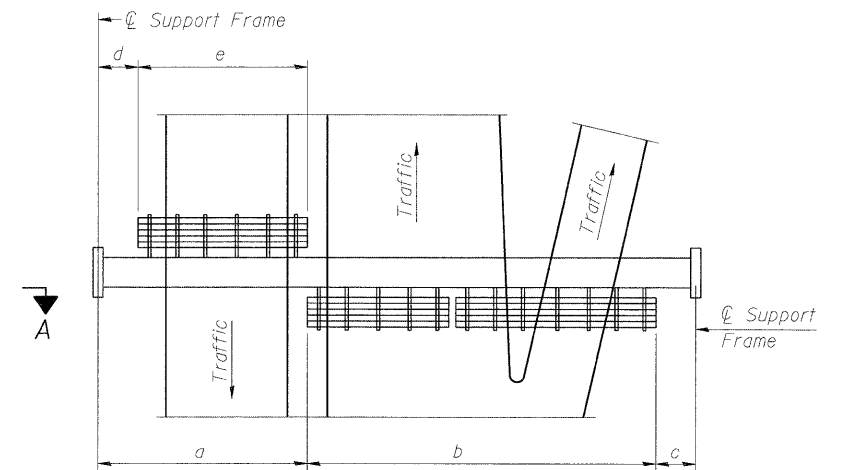
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	95
*998/70/64			CONTRACT NO. 76C45	

ILLINOIS FED. AID PROJECT



TYPICAL FRONT ELEVATION

With lights and handrail omitted for clarity.
For Section B-B, see Base Sheet OS-A-10.



PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

BRACKET TABLE

WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
8'-0"	14'-0"	2
14'-0"	20'-0"	3
20'-0"	26'-0"	4
26'-0"	32'-0"	5
		6

Notes:

* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)

g = 12" maximum, 4" minimum (End of walkway grating to center of nearest support bracket)

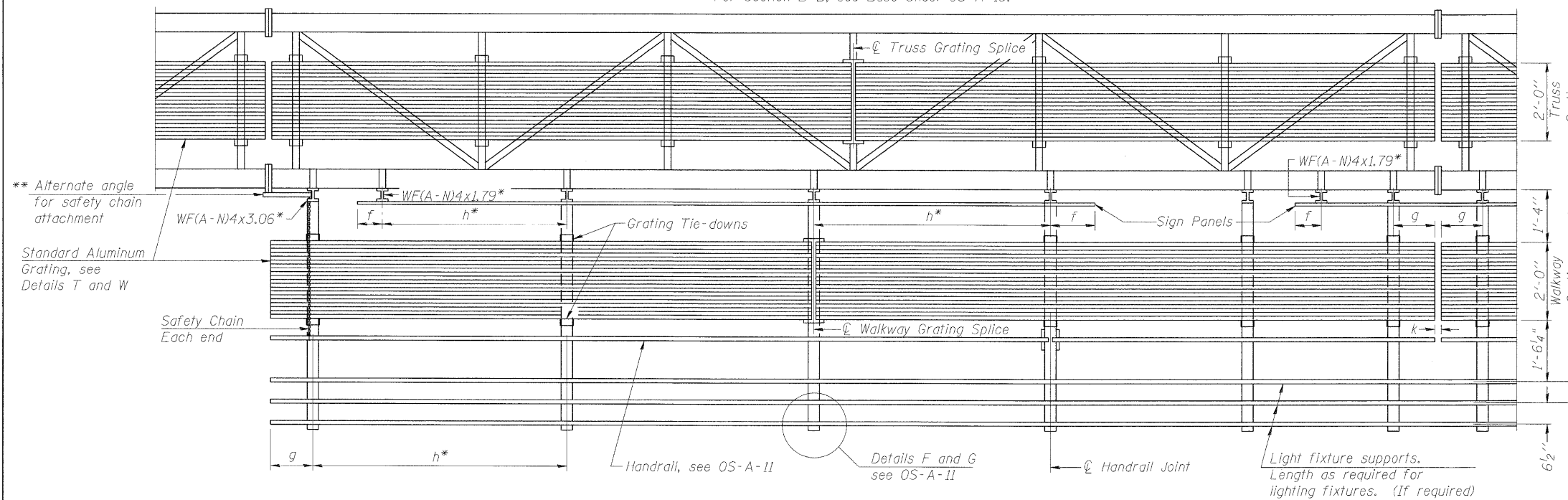
h = 6'-0" maximum (center to center of sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)

k = 2" maximum gap between adjacent walkway grating sections and handrail ends

** If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.

For Handrail Details see Base Sheet OS-A-11.



SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Handrail joints, grating, and light support splices placed as needed.

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
8S0821055L002.0	13+35.55	8'-0"	45'-0"	15'-0"	0'-0"	0'-0"	45'-0"
8S0821064L003.6	77+03.00	10'-6"	44'-6"	7'-0"	0'-0"	0'-0"	44'-6"
8S0821064L004.4	MM 4.5	15'-3"	76'-0"	12'-9"	0'-0"	0'-0"	76'-0"
8S0821055L003.6	MM 3.6	3'-0"	65'-0"	22'-0"	0'-0"	0'-0"	65'-0"
8S0821055R003.6	MM 3.6	7'-0"	58'-0"	28'-0"	0'-0"	0'-0"	58'-0"
8S0821055L005.0	MM 5.0	16'-6"	44'-0"	28'-6"	0'-0"	0'-0"	44'-0"

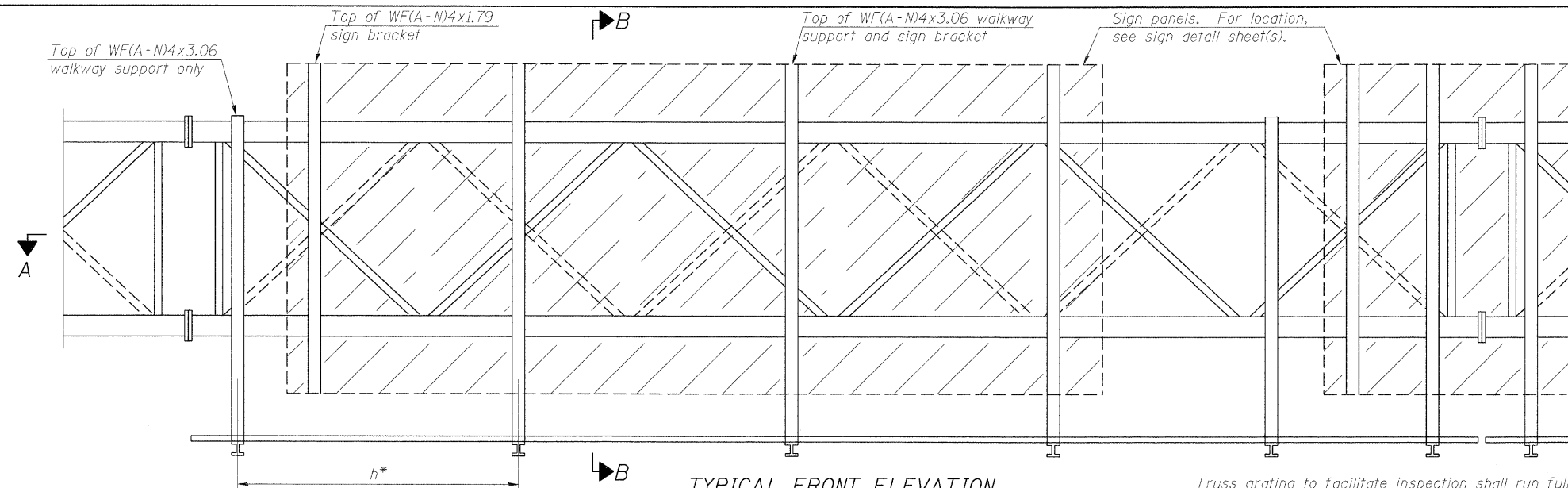
Truss grating to facilitate inspection shall run full length (center to center of support frames) ±12" on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Walkway and Truss Grating width dimensions are nominal and may vary ±1/2" based on available standard widths.

OS-A-9

7-1-10

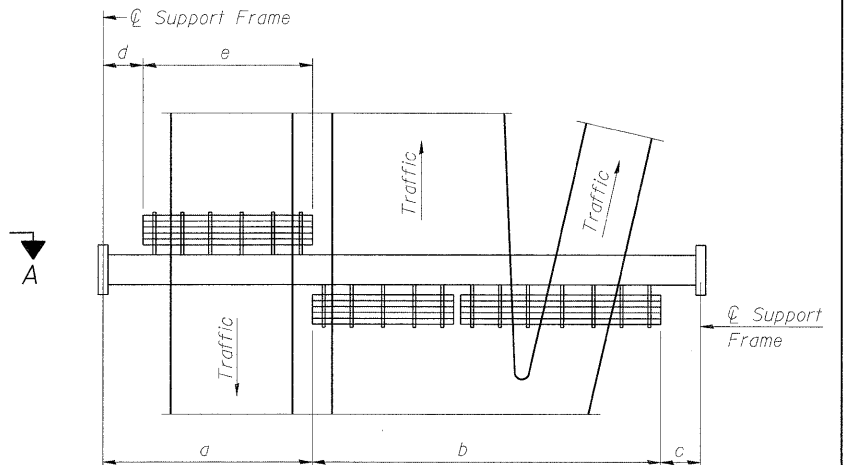
FILE NAME =	USER NAME =	DESIGNED - PMK	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES ALUMINUM WALKWAY DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	CHECKED - MPW	REVISOR -	•			82-1SG	ST. CLAIR	145	96	
PLOT DATE =	DRAWN - PMK	REVISOR -	•998/70/64			CONTRACT NO. 76C45				
	CHECKED - MPW	REVISOR -	ILLINOIS FED. AID PROJECT							



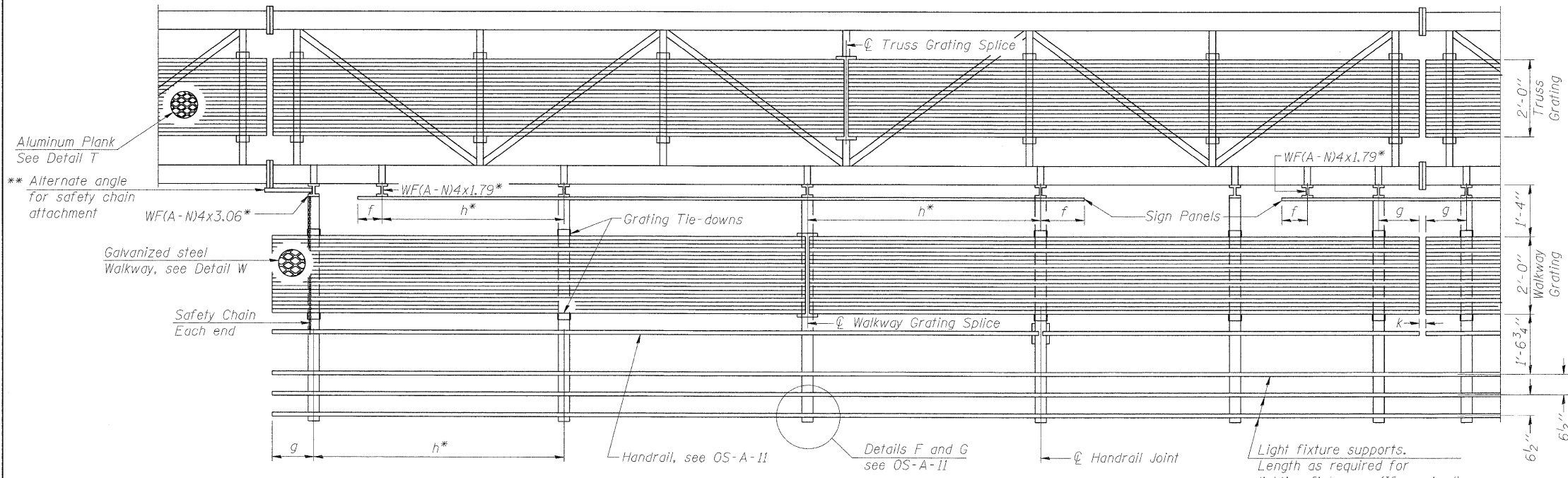
TYPICAL FRONT ELEVATION

With lights and handrail omitted for clarity. For Section B-B, see Base Sheet OS-A-10.

Truss grating to facilitate inspection shall run full length (center to center of support frames) ±12" on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".



PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)



SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Handrail joints, grating, and light support splices placed as needed.

Aluminum Plank See Detail T
** Alternate angle for safety chain attachment

Note: Details shown are considered equal alternatives to the Aluminum Walkway on Base Sheet OS-A-9, and may be substituted by Contractor at no change in contract cost.

Walkway and Truss Grating width dimensions are nominal and may vary ±1/2" based on available standard widths.

Notes:
* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)
g = 12" maximum, 4" minimum (End of walkway grating to center of nearest support bracket)
h = 6'-0" maximum (center to center of sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
k = 2" maximum gap between adjacent walkway grating sections and handrail ends

** If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.
For handrail details see base sheet OS-A-11.

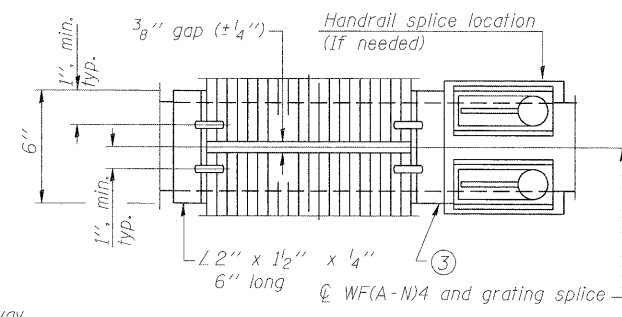
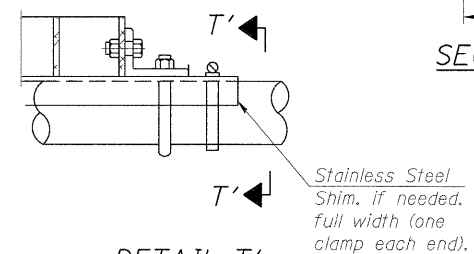
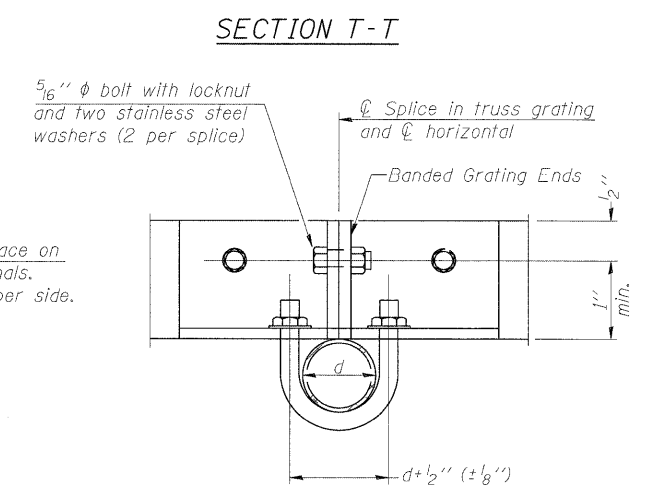
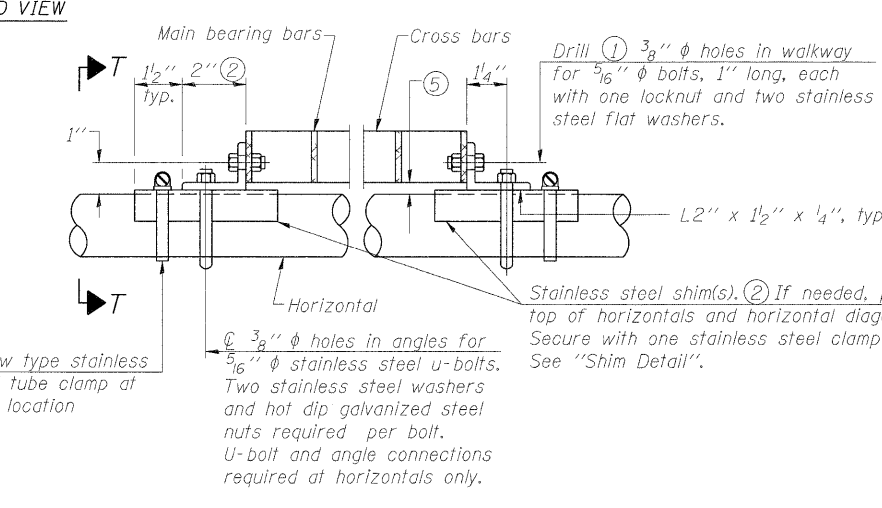
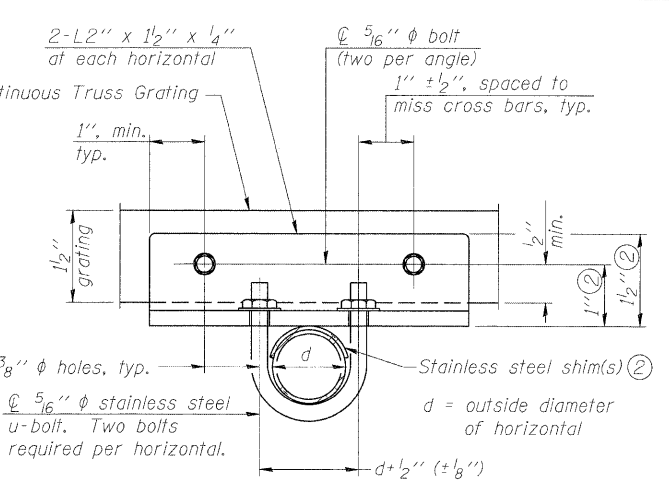
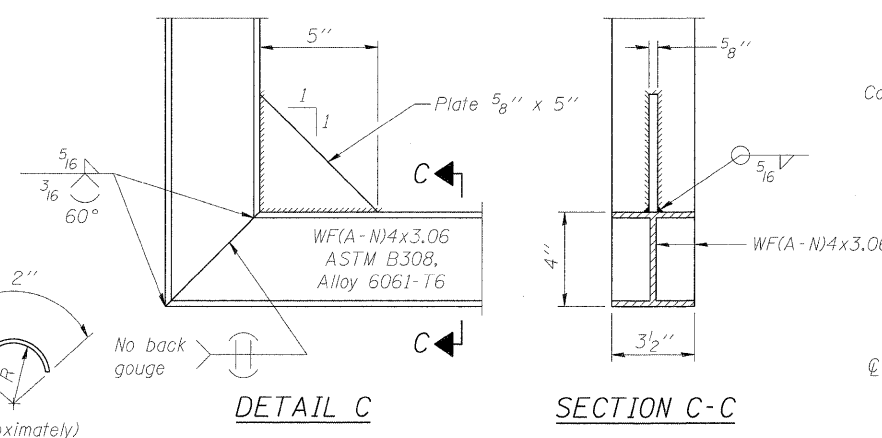
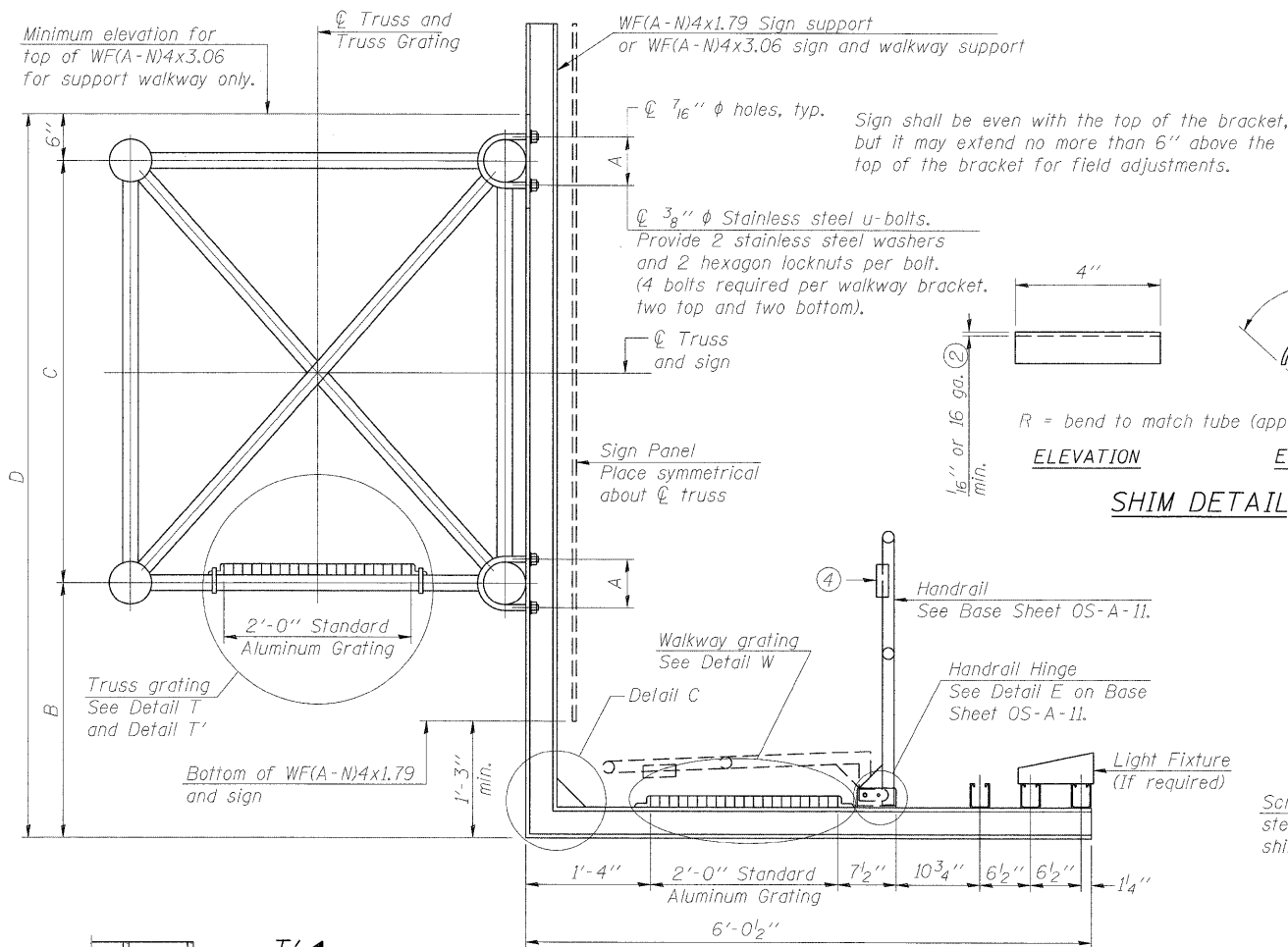
BRACKET TABLE

WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths
8S0821055L002.0	13+35.55	8'-0"	45'-0"	15'-0"	0'-0"	0'-0"	45'-0"
8S0821064L003.6	77+03.00	10'-6"	44'-6"	7'-0"	0'-0"	0'-0"	44'-6"
8S0821064L004.4	MM 4.5	15'-3"	76'-0"	12'-9"	0'-0"	0'-0"	76'-0"
8S0821055L003.6	MM 3.6	3'-0"	65'-0"	22'-0"	0'-0"	0'-0"	65'-0"
8S0821055R003.6	MM 3.6	7'-0"	58'-0"	28'-0"	0'-0"	0'-0"	58'-0"
8S0821055L005.0	MM 5.0	16'-6"	44'-0"	28'-6"	0'-0"	0'-0"	44'-0"

OS-A-9S

7-1-10



SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

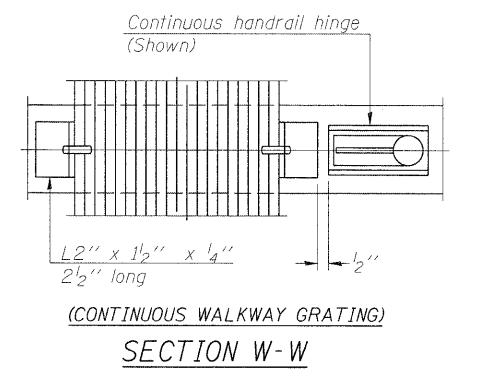
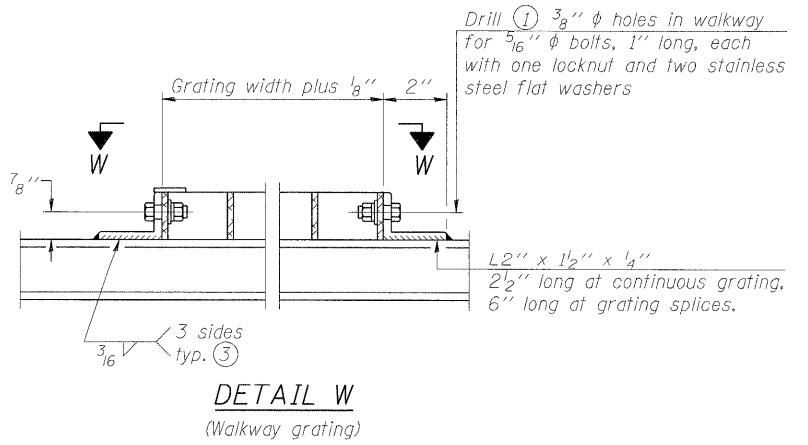
Main Bearing Bars shall be 3/16" x 1/2" on 1 3/16" centers and conform to ASTM B221 Alloy 6061-T6.
 Cross bars shall be 3/16" x 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

OR

Aluminum Grating with modified "I" sections for main bearing bars shall meet the following requirements:
 Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 1/2", spaced on 1 3/16" centers.
 Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	A	(6) B	C	(6) D
8S0821055L002.0	13+35.55	6"	7'-10 1/2"	5'-3"	13'-7 1/2"
8S0821064L003.6	77+03.00	7 1/2"	7'-6"	7'-0"	15'-0"
8S0821064L004.4	MM 4.5	9"	8'-6"	7'-0"	16'-0"
8S0821055L003.6	MM 3.6	7 1/2"	6'-6"	7'-0"	14'-0"
8S0821055R003.6	MM 3.6	7 1/2"	5'-3"	7'-0"	12'-9"
8S0821055L005.0	MM 5.0	6"	6'-6"	4'-6"	11'-6"

- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet OS-A-11.)
- R 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.
- Based on actual height of tallest sign given on OS-A-1.



OS-A-10

7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
PLOT SCALE =		DRAWN - PMK	REVISED -
PLOT DATE =		CHECKED - MPW	REVISED -

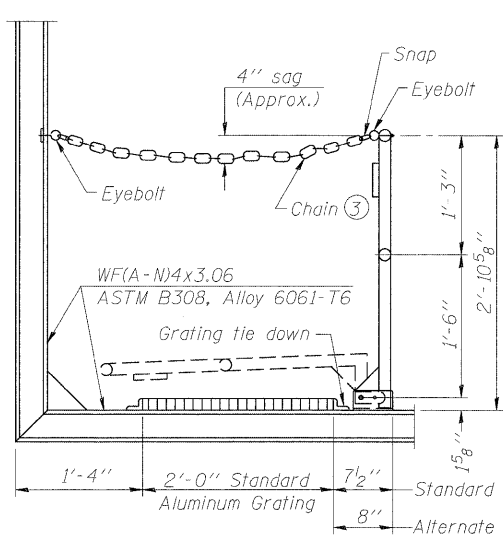
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS**

SHEET NO. 12 OF 16 SHEETS

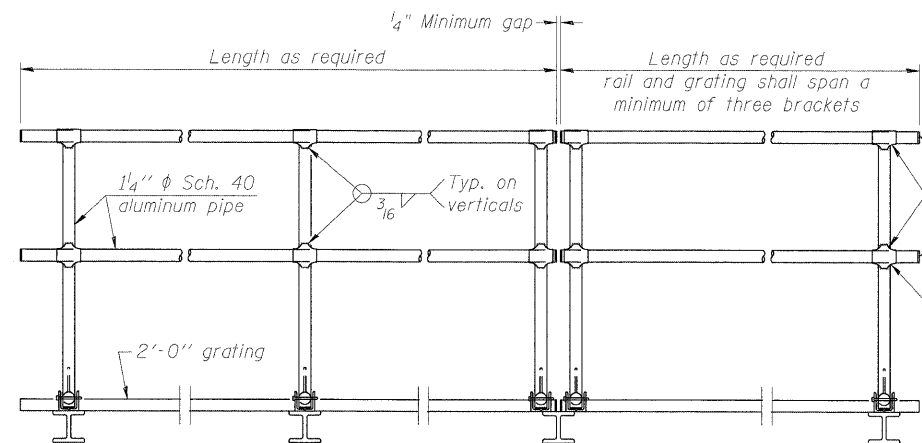
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	B2-1SG	ST. CLAIR	145	98
	•998/70/64			CONTRACT NO. 76C45

ILLINOIS FED. AID PROJECT



SIDE ELEVATION

(Showing safety chain w/o sign)

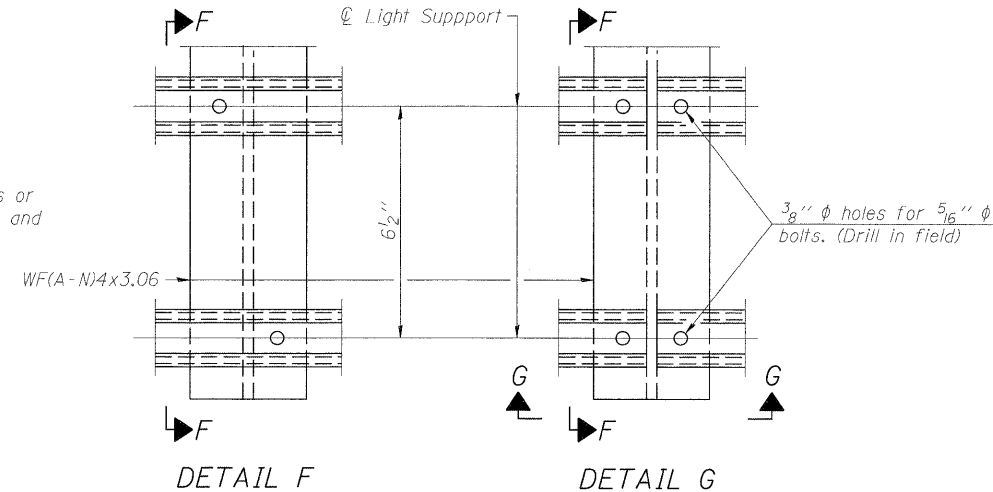


FRONT ELEVATION

HANDRAIL DETAILS

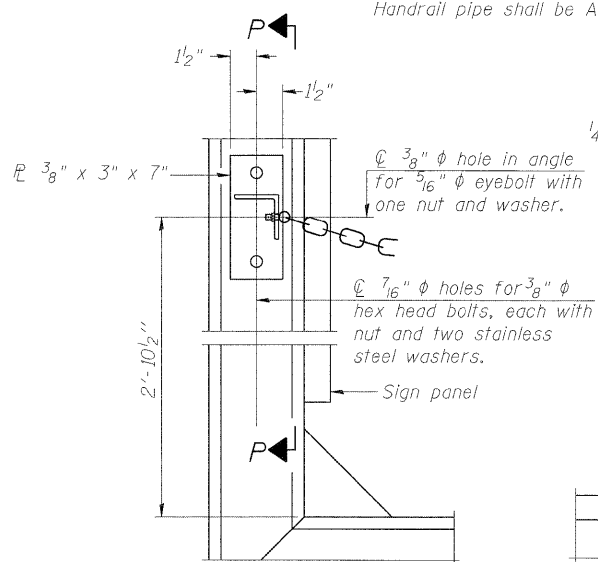
Handrail pipe shall be ASTM B241 or B429, Alloy 6063-T6 or Alloy 6061-T6.

- Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends)
- Horizontal handrail member shall be continuous thru fitting. Provide 7/16" hole in fitting for 3/8" bolt. Field drill 7/16" hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 5/16" eyebolts in 7/16" holes on top rail at ends only.)



DETAIL F

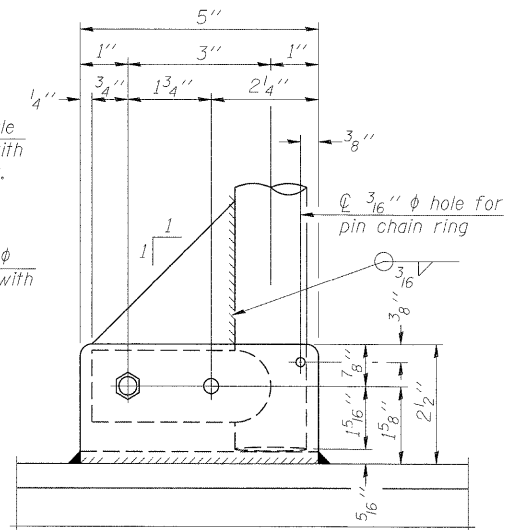
DETAIL G



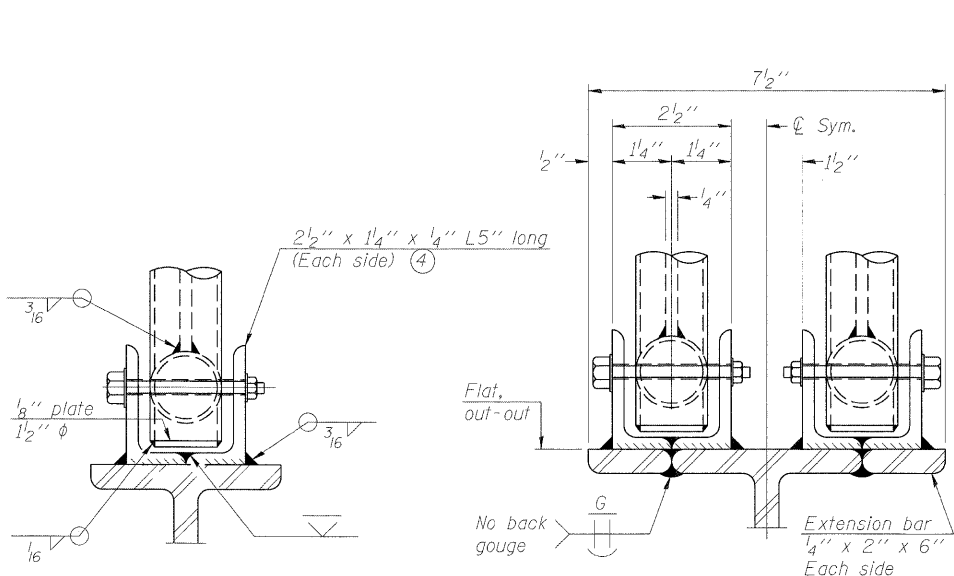
ALTERNATE SAFETY CHAIN ATTACHMENT

(With Sign Present)

Items not shown same as "Side Elevation" of "Handrail Details"



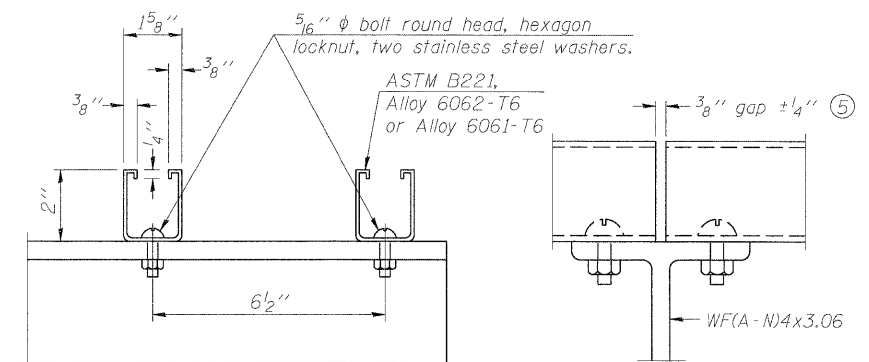
SIDE ELEVATION



FRONT ELEVATION

See "Elevation" at right for dimensions.

ELEVATION AT HANDRAIL JOINT

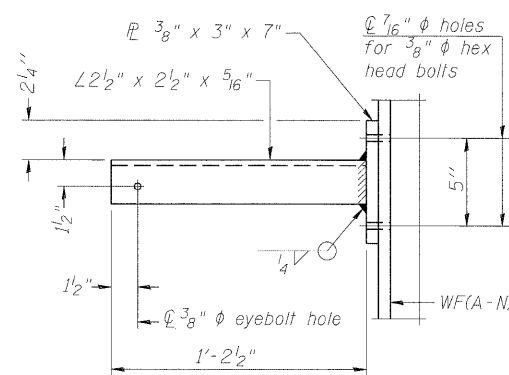


SECTION F-F

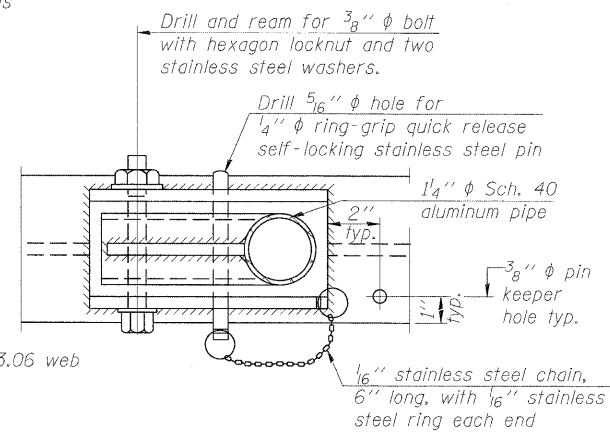
SECTION G-G

LIGHTING FIXTURE MOUNTS (IF REQUIRED)

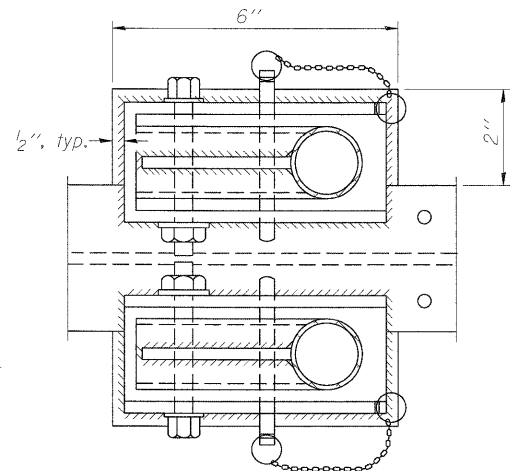
- Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



SECTION P-P

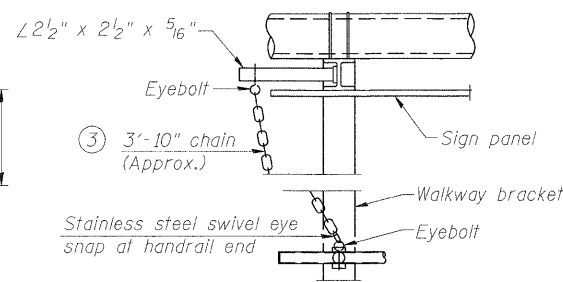


**PLAN
DETAIL E HANDRAIL HINGE**



PLAN AT HANDRAIL JOINT

Details not shown same as "PLAN"

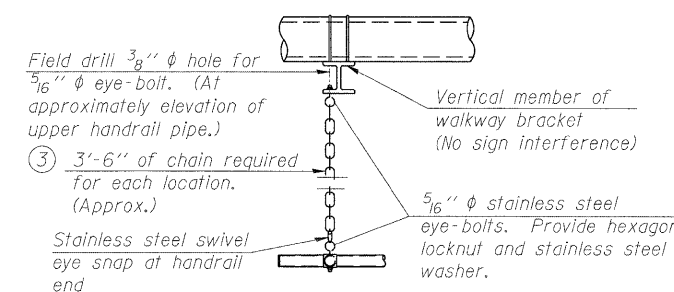


ALTERNATE SAFETY CHAIN ATTACHMENT

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)

- 3/16" Type 304L stainless steel chain, approximately 12 links per foot.

- Extrusions may be used in lieu of the details shown, with approval of the Engineer.



SAFETY CHAIN

One required for each end of each walkway.

OS-A-11

7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES ALUMINUM HANDRAIL DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	DRAWN - PMK	CHECKED - MPW	REVISED -			82-1SG	ST. CLAIR	145	100	
PLOT DATE =	CHECKED - MPW	REVISED -	REVISED -			998/70/64	CONTRACT NO. 76C45			
						SHEET NO. 14 OF 16 SHEETS		ILLINOIS FED. AID PROJECT		

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
v ₄ (E)	24	#9	F less 5"	—
#4 bar spiral (E) - see Side Elevation				

NOTES:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

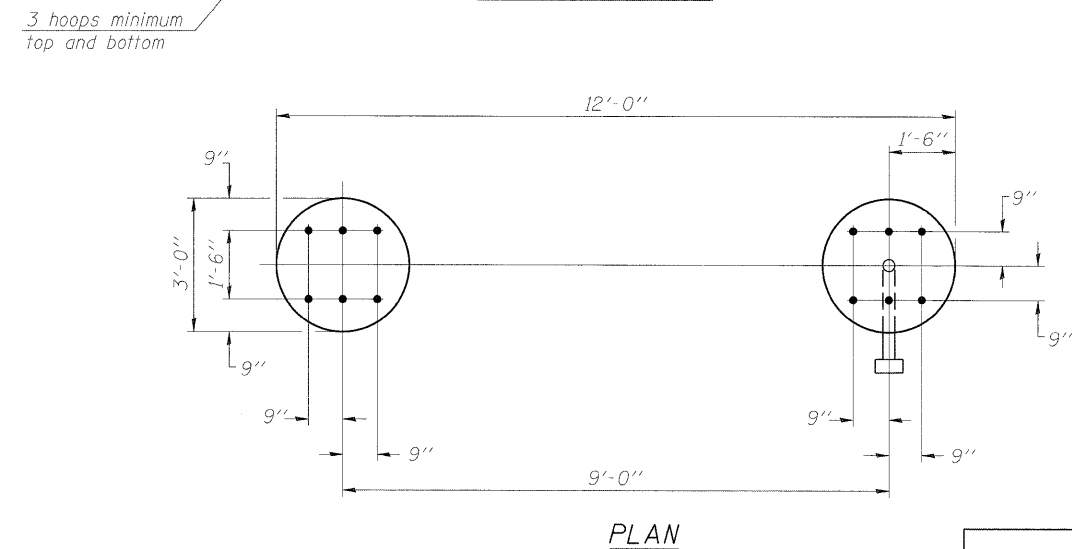
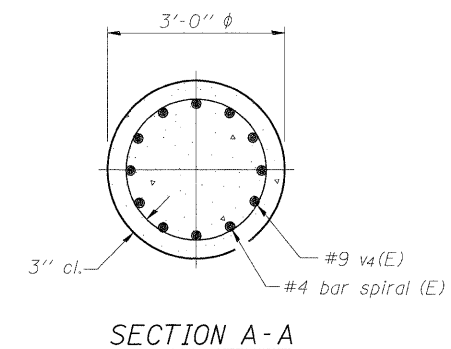
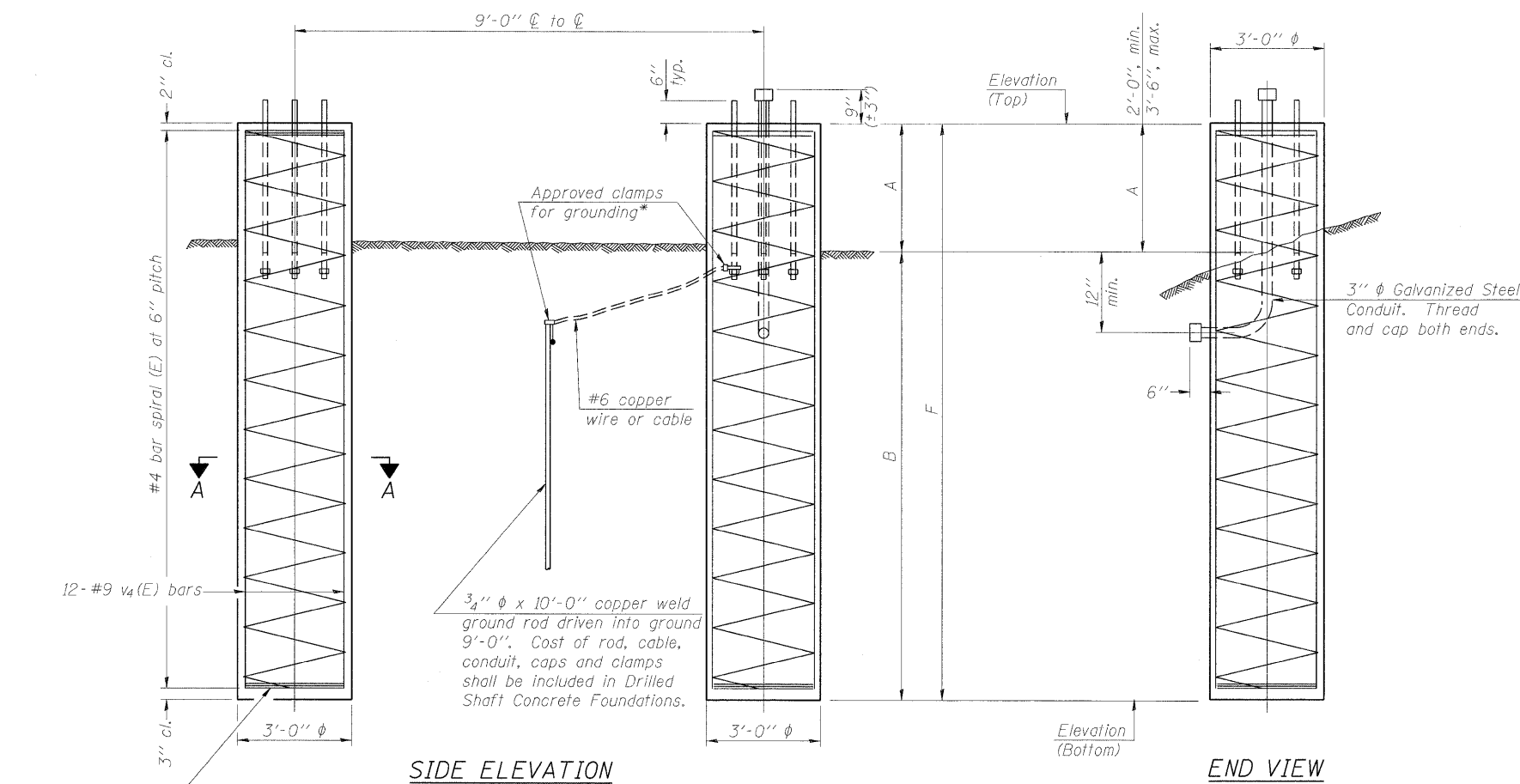
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



For anchor rod size and placement, see Support Frame Detail Sheet.

* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

**DETAILS FOR 12" Ø SUPPORT FRAME
TYPE III-A TRUSS**

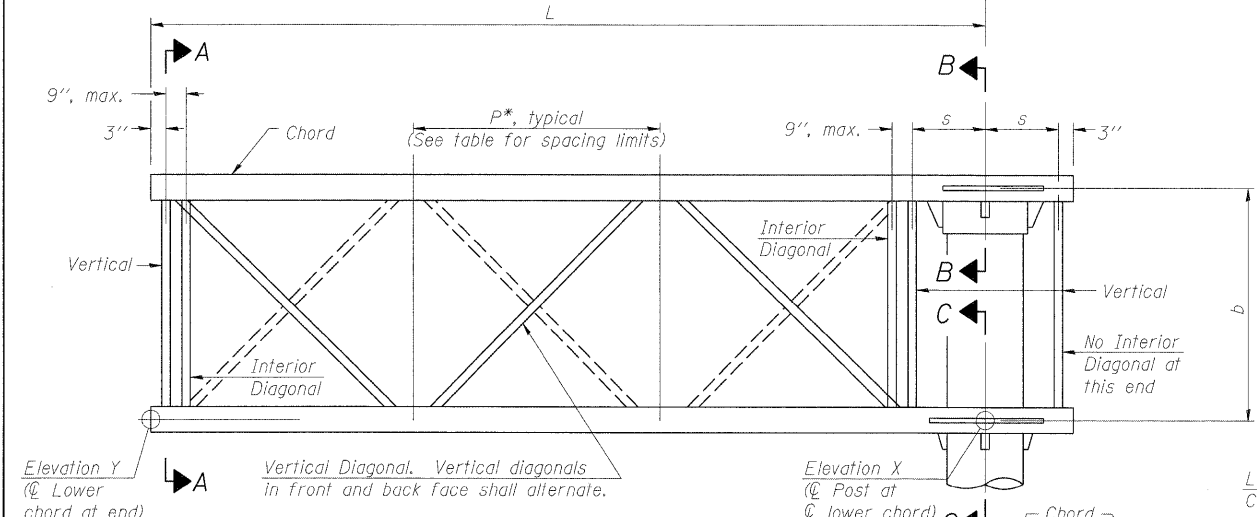
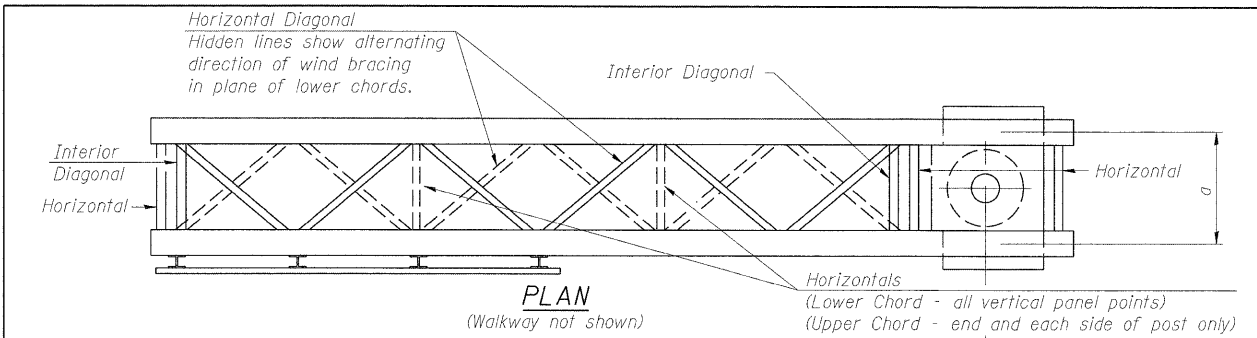
Structure Number	Station	Left Foundation					Right Foundation					Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	A	B	F	Elevation Top	Elevation Bottom	A	B	F	
8S082I055L002.0	13+35.55	417.82	392.68	3.14	22.0	25.14	422.82	397.49	3.33	22.0	25.33	26.4
8S082I064L003.6	77+03.00	441.98	417.35	2.63	22.0	24.63	441.98	417.79	2.19	22.0	24.19	25.6
8S082I064L004.4	MM 4.5	443.15	414.20	3.95	25.0	28.95	440.15	410.81	4.34	25.0	29.34	30.5
8S082I055L003.6	MM 3.6						411.66	385.52	4.14	22.0	26.14	13.7
8S082I055R003.6	MM 3.6						411.72	386.61	4.10	21.0	25.11	13.1
8S082I055L005.0	MM 5.0	412.39	388.29	3.10	21.0	24.10	409.39	385.00	3.39	21.0	24.39	25.4

OS4-F4

7-1-10

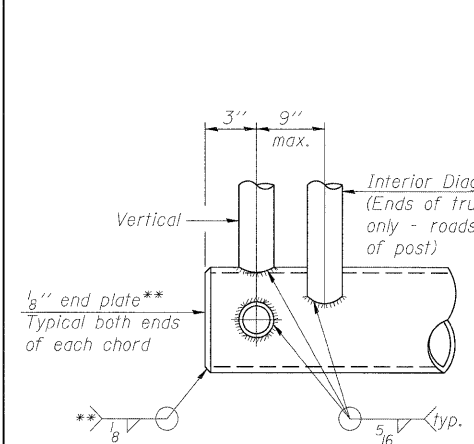
FILE NAME =	USER NAME =	DESIGNED - PMK	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES DRILLED SHAFT DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLLOT SCALE =	CHECKED - MPW	REVISD -	*			82-1SG	ST. CLAIR	145	101	
PLLOT DATE =	DRAWN - PMK	REVISD -	*998/70/64			CONTRACT NO. 76C45				
	CHECKED - MPW	REVISD -	ILLINOIS FED. AID PROJECT							

SHEET NO. 15 OF 16 SHEETS

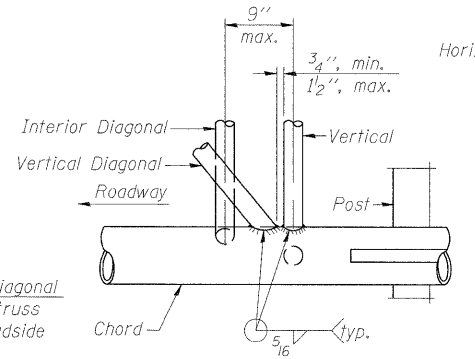


TYPICAL TRUSS UNIT
 For Section B-B and Section C-C, see Base Sheet OSC-A-3.

Note:
 There are twice as many horizontal diagonals as there are vertical diagonals.



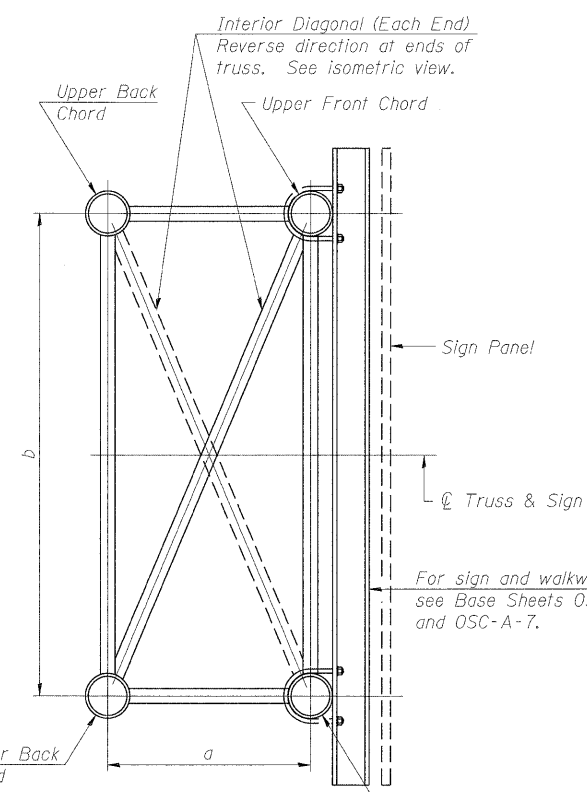
CANTILEVER END JOINT DETAIL
 ** Contractor may alternatively use standard aluminum drive-fit cap to close ends.



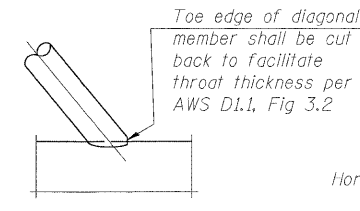
POST END JOINT DETAIL

SHOP CAMBER TABLE

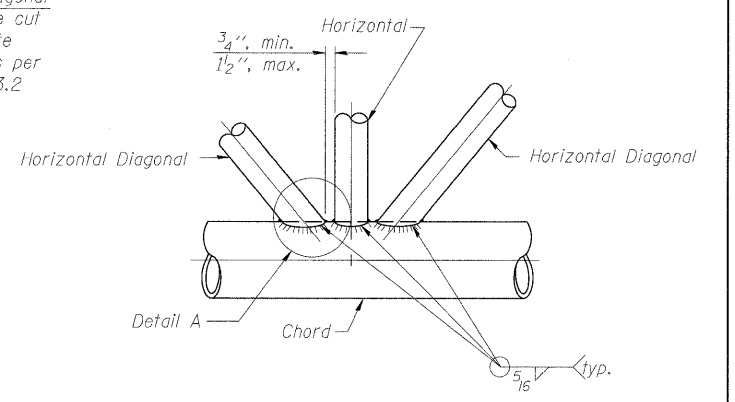
Unit Length (L)	Shop Camber at End
15'	1 1/2"
16'-17'	1 3/4"
18'-20'	2"
21'-22'	2 1/4"
23'-25'	2 1/2"
26'-27'	2 3/4"
28'-30'	3"
31'-32'	3 1/4"
33'-35'	3 1/2"
36'-37'	4"
38'-40'	4 1/2"



SECTION A-A

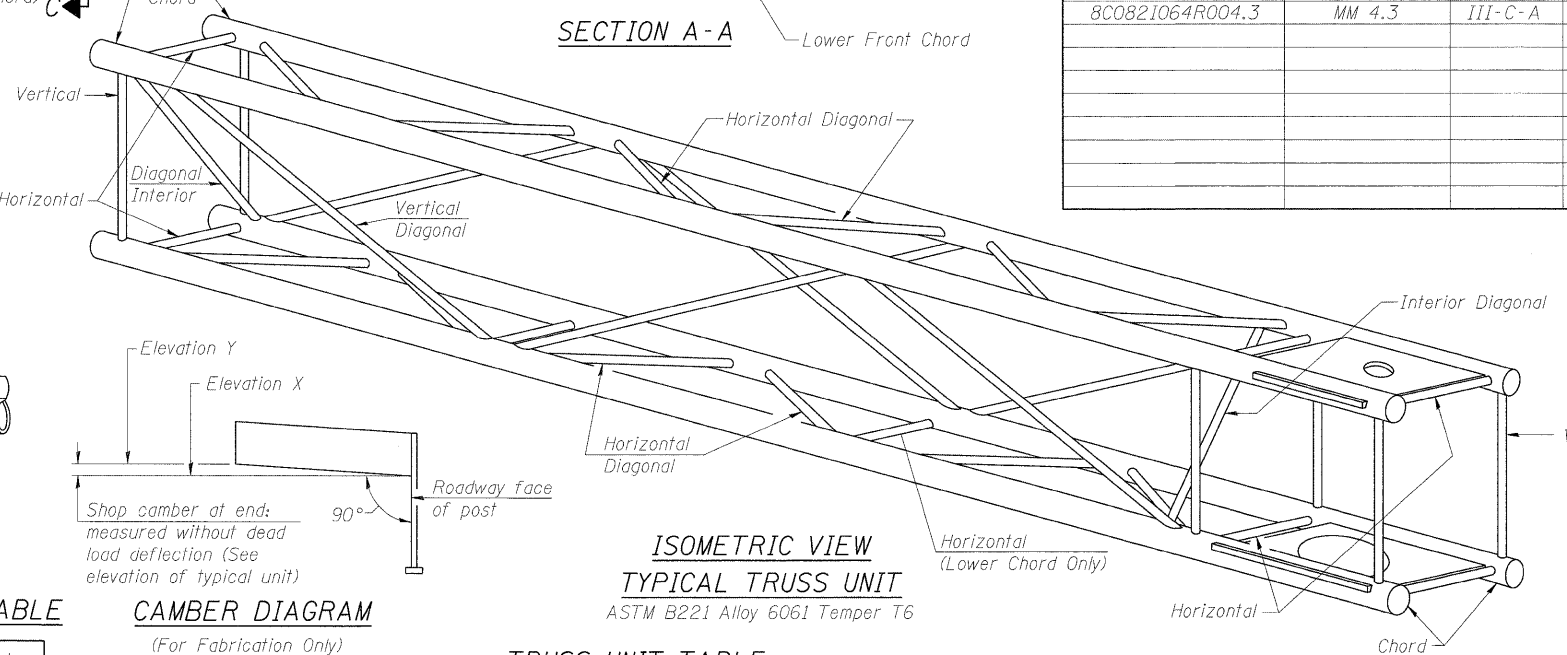


DETAIL A

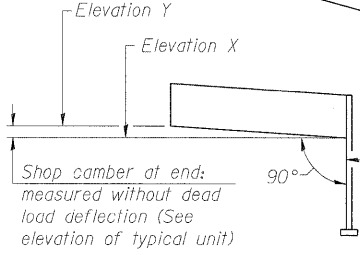


TRUSS INTERIOR JOINT DETAIL

Structure Number	Station	Truss Type	Design Length (L)	Number of Panels Per Unit	Panel Length (P)*
8C0821070R002.6	75+44.55	III-C-A	31'-0"	6	4'-10"
8C0821070R002.7	68+00.00	II-C-A	27'-6"	6	4'-3"
8C0821064L003.9	68+98.98	I-C-A	24'-1"	6	3'-9"
8C0821064R004.3	MM 4.3	III-C-A	30'-0"	6	4'-8"



ISOMETRIC VIEW TYPICAL TRUSS UNIT
 ASTM B221 Alloy 6061 Temper T6



CAMBER DIAGRAM
 (For Fabrication Only)

TRUSS UNIT TABLE

Truss Type	Dimension "a"	Dimension "b"	Dimension "s"	Limits for Panel Spacing (P)*	Up. & Low. Chord			Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		
					O.D.	Wall	O.D.	O.D.	Wall	
I-C-A	24"	54"	16"	36" min. to 48" max.	5"	5/16"	2 1/2"	5/16"	5/16"	
II-C-A	36"	66"	21"	42" min. to 54" max.	6 1/2"	5/16"	3 1/4"	5/16"	5/16"	
III-C-A (35' Max.)	36"	84"	21"	48" min. to 66" max.	7"	3/8"	3 1/2"	3/8"	3/8"	
III-C-A (>35' to 40')	36"	84"	21"	48" min. to 66" max.	8"	3/8"	3 1/2"	3/8"	3/8"	

*P = $\frac{L-s-3"}{\# \text{ Panels}}$

NUMBER	REVISION	DATE

OSC-A-2

12-1-08

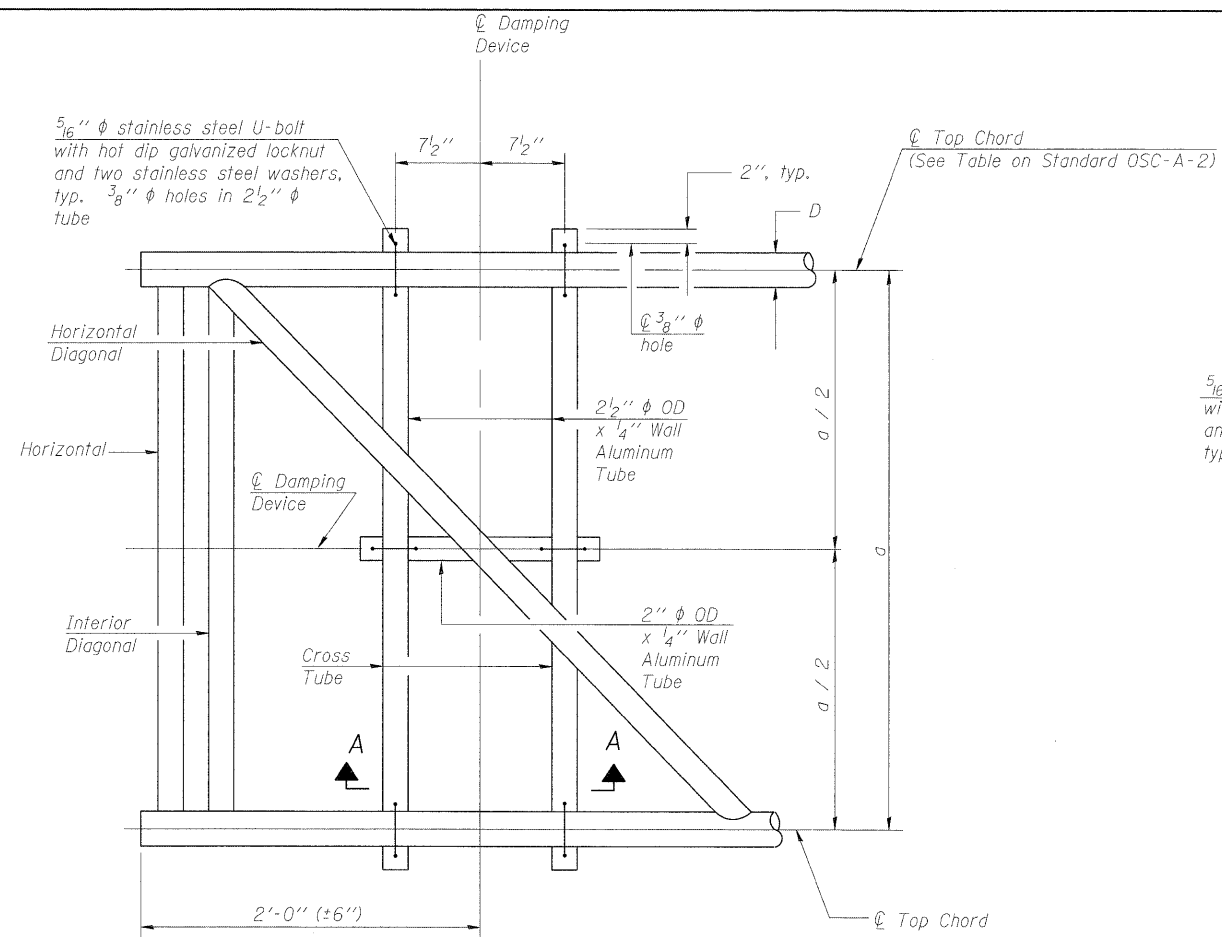
FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

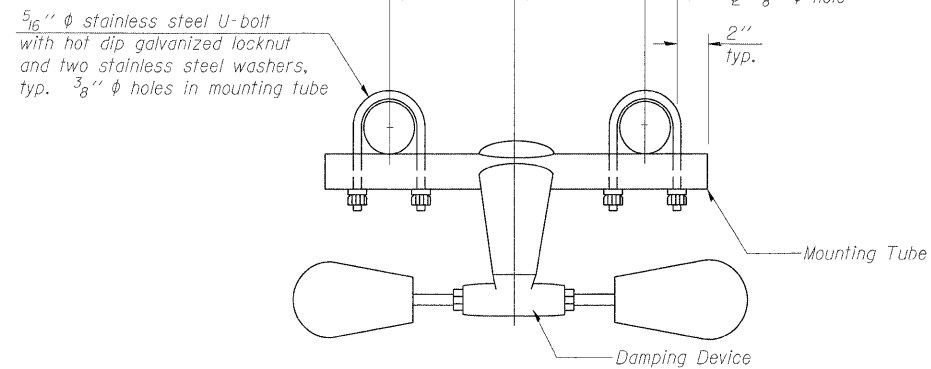
CANTILEVER SIGN STRUCTURES
 TRUSS DETAILS

SHEET NO. 2 OF 12 SHEETS

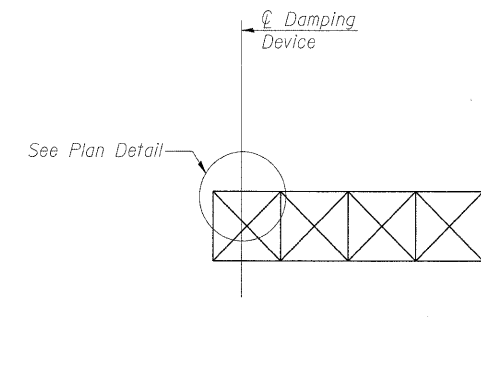
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-15G	ST. CLAIR	145	104
*998/70/64		CONTRACT NO. 76C45		
ILLINOIS FED. AID PROJECT				



PLAN DETAIL



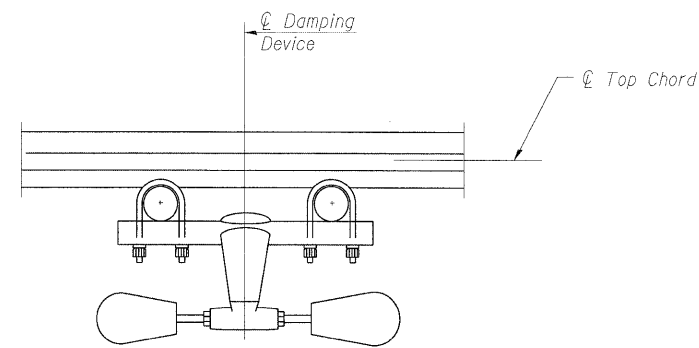
TRUSS DAMPING DEVICE CONNECTION DETAIL



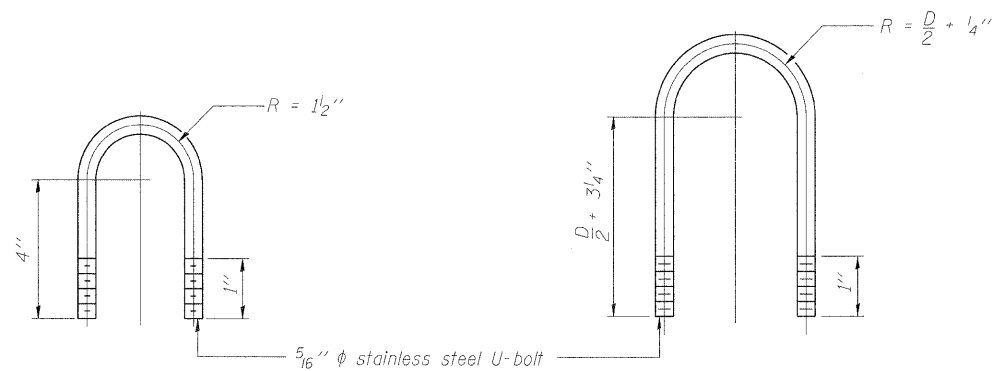
ELEVATION
Aluminum Cantilever Sign Structure

GENERAL NOTES

- Damper: One damper per truss. (31 lbs. Stockbridge-Type Aluminum-29" minimum between ends of weights)
- Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6



SECTION A-A



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
(Typical)

TOP CHORD TO CROSS TUBE U-BOLT DETAIL
(Typical)

OSC-A-D

12-1-08

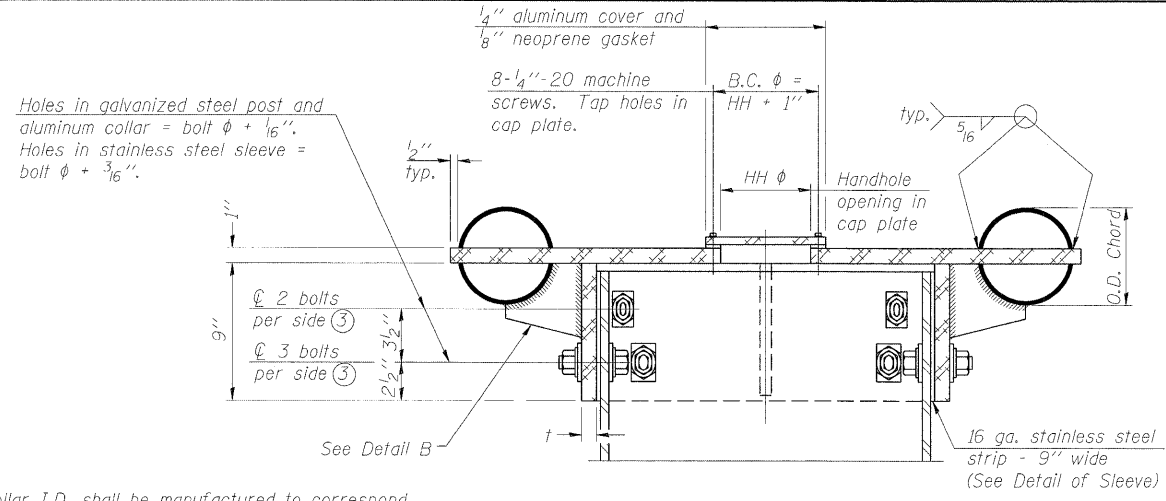
FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
PLOT SCALE =		DRAWN - PMK	REVISED -
PLOT DATE =		CHECKED - MPW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURE
DAMPING DEVICE

SHEET NO. 3 OF 12 SHEETS

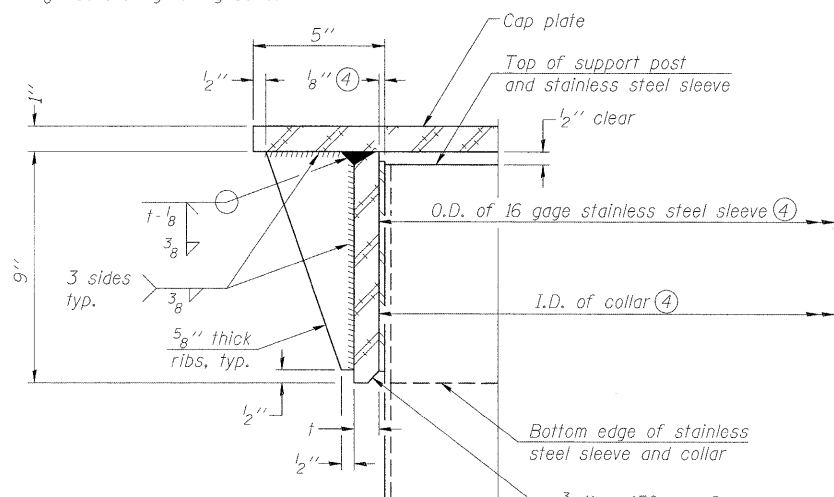
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	105
•998/70/64			CONTRACT NO. 76C45	
ILLINOIS FED. AID PROJECT				



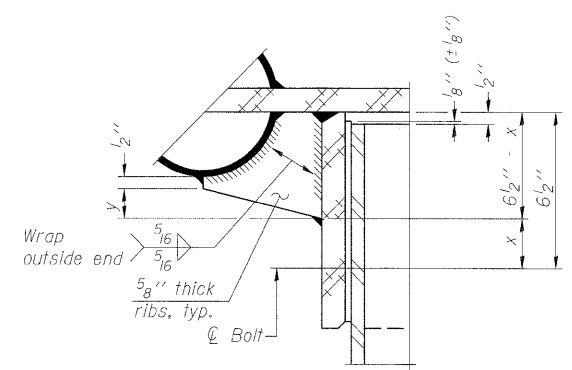
④ Collar I.D. shall be manufactured to correspond to O.D. of actual galvanized post and stainless steel sleeve plus 1/8" (±1/16"). Maximum gap between post and collar at any location equals 1/8" before tightening bolts.

SECTION B-B

Bolts, washers (including contoured washers), and locknuts shall be stainless steel.

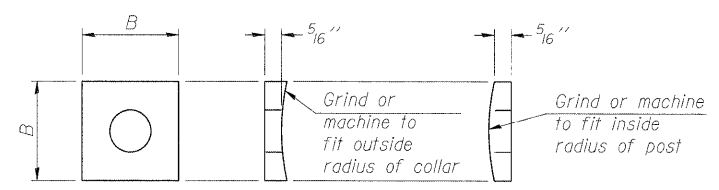


DETAIL A
(Two locations)



DETAIL B

Two locations
(For details not shown, see Detail C)



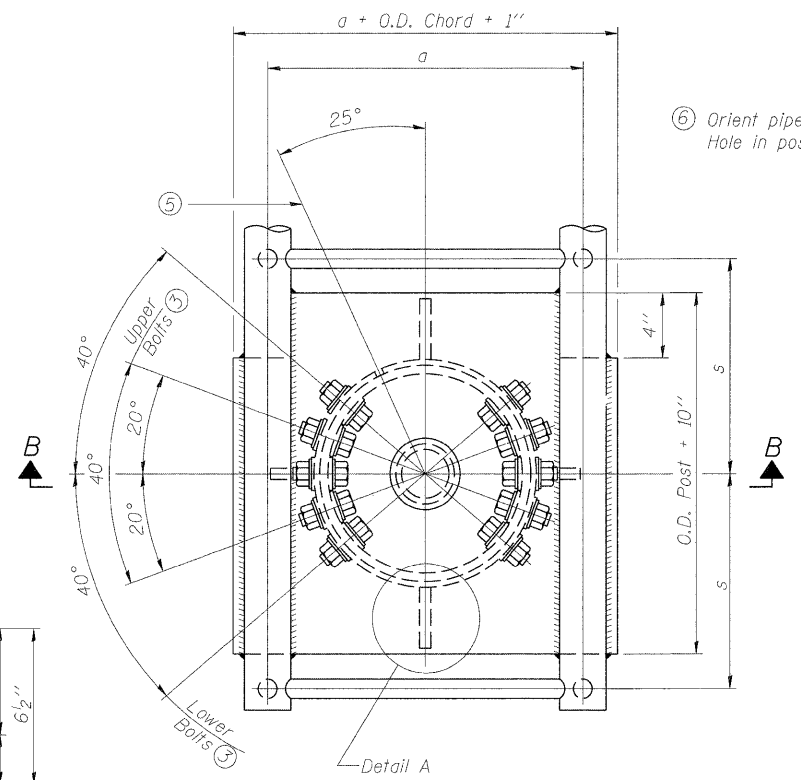
CONTOURED WASHERS

Bolt Size	Contoured Washers	
	Hole Dia.	B
7/8"	1"	2 1/2"
1"	1 1/8"	3"
1 1/4"	1 3/8"	3 1/4"

DETAIL OF STAINLESS STEEL SLEEVE

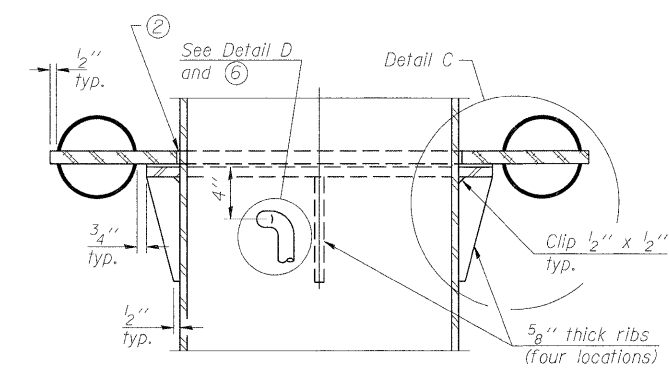
Weld to post after galvanizing. (Prepare post surface to insure tight, uniform fit and allow welding.) Welds to be 1/2" long at 6" cts. along top edge and at 1/4" opening.

NUMBER	REVISION	DATE

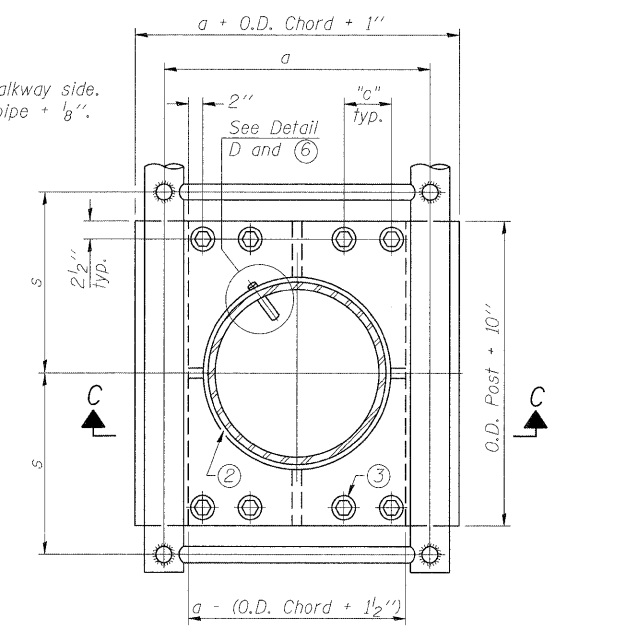


PLAN VIEW - TOP OF COLUMN

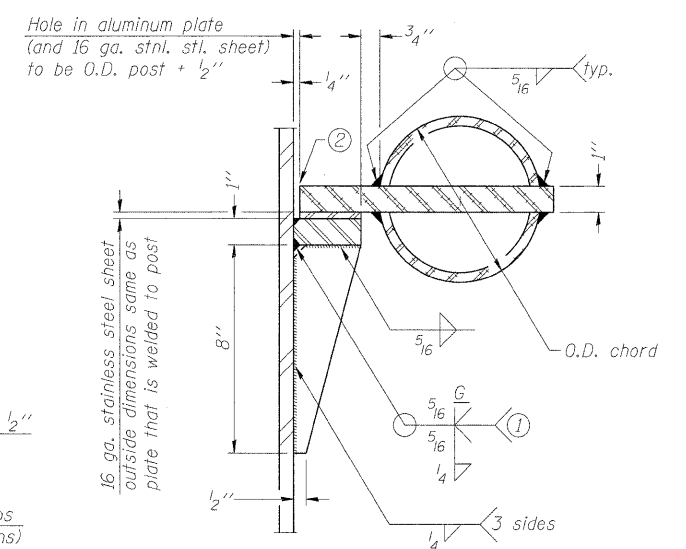
⑤ Optional full penetration weld in collar. (Two locations maximum....(180° apart)....X-ray or UT 100%)



SECTION C-C



SECTION THRU POST ABOVE LOWER CHORDS



DETAIL C

- ① Grind top if required to fully seat aluminum plate and stainless steel sheet.
- ② After tightening lower connection bolts, fill gap with non-hardening, silicone caulk suitable for exterior exposure and acceptable to the Engineer. Cost is included in Overhead Sign Structure Cantilever.

Truss Type	Post Size	Upper & Lower Connection Bolt Diameter ③	Lower Juncture Bolt Spacing Dimension "c" ③	Opening in Cap Plate "HH"	Collar Thickness (t)	Side Ribs	
						x	y
I-C-A	16" φ (83#/1)	7/8"	3 1/4"	8"	5/8"	1 3/4"	2 1/4"
II-C-A	24" φ (125#/1)	1"	3 1/2"	12"	7/8"	2"	1 1/4"
III-C-A (35' max.)	24" φ (125#/1)	1 1/4"	3 1/2"	12"	7/8"	2"	1"
III-C-A (>35' to 40')	24" φ (171#/1)	1 1/4"	3 1/2"	12"	7/8"	2"	1"

③ Upper and lower connection bolts in collar and bolts at lower chord connection shall be high strength with matching locknuts. Connection bolts shall have 2 stainless steel flat washers each.

OSC-A-3

12-1-08

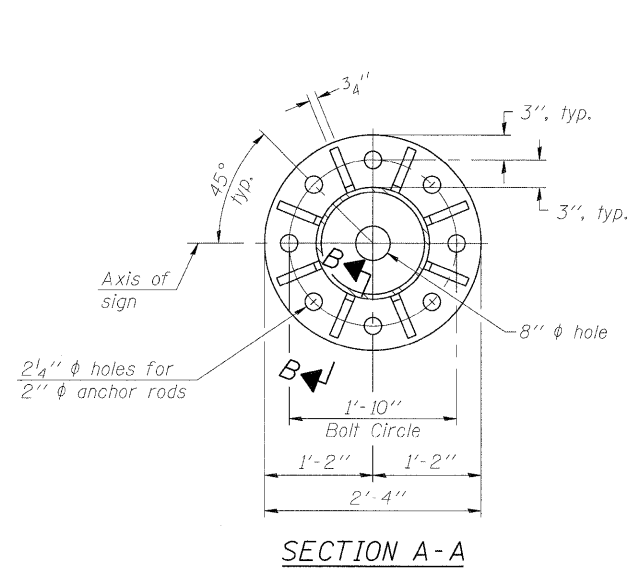
FILE NAME	USER NAME	DESIGNED	REVISION
		PMK	
		MPW	
		PMK	
		MPW	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

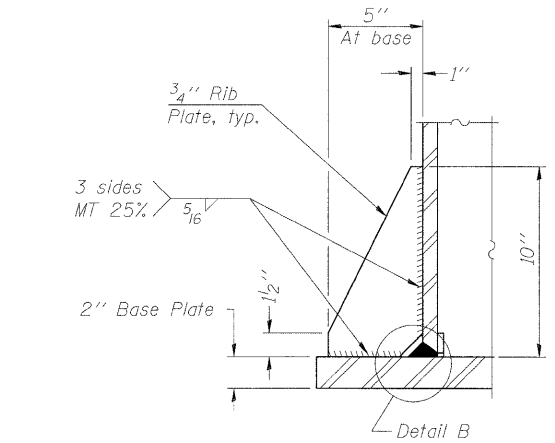
**CANTILEVER SIGN STRUCTURES
JUNCTURE DETAILS**

SHEET NO. 4 OF 12 SHEETS

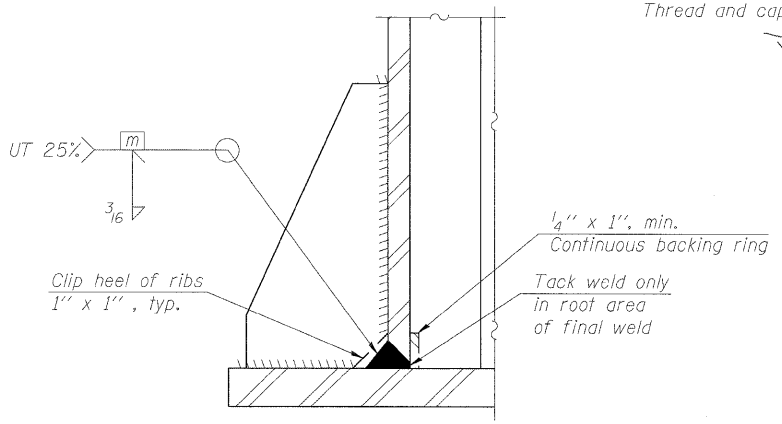
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	106
•998/70/64			CONTRACT NO. 76C45	
ILLINOIS FED. AID PROJECT				



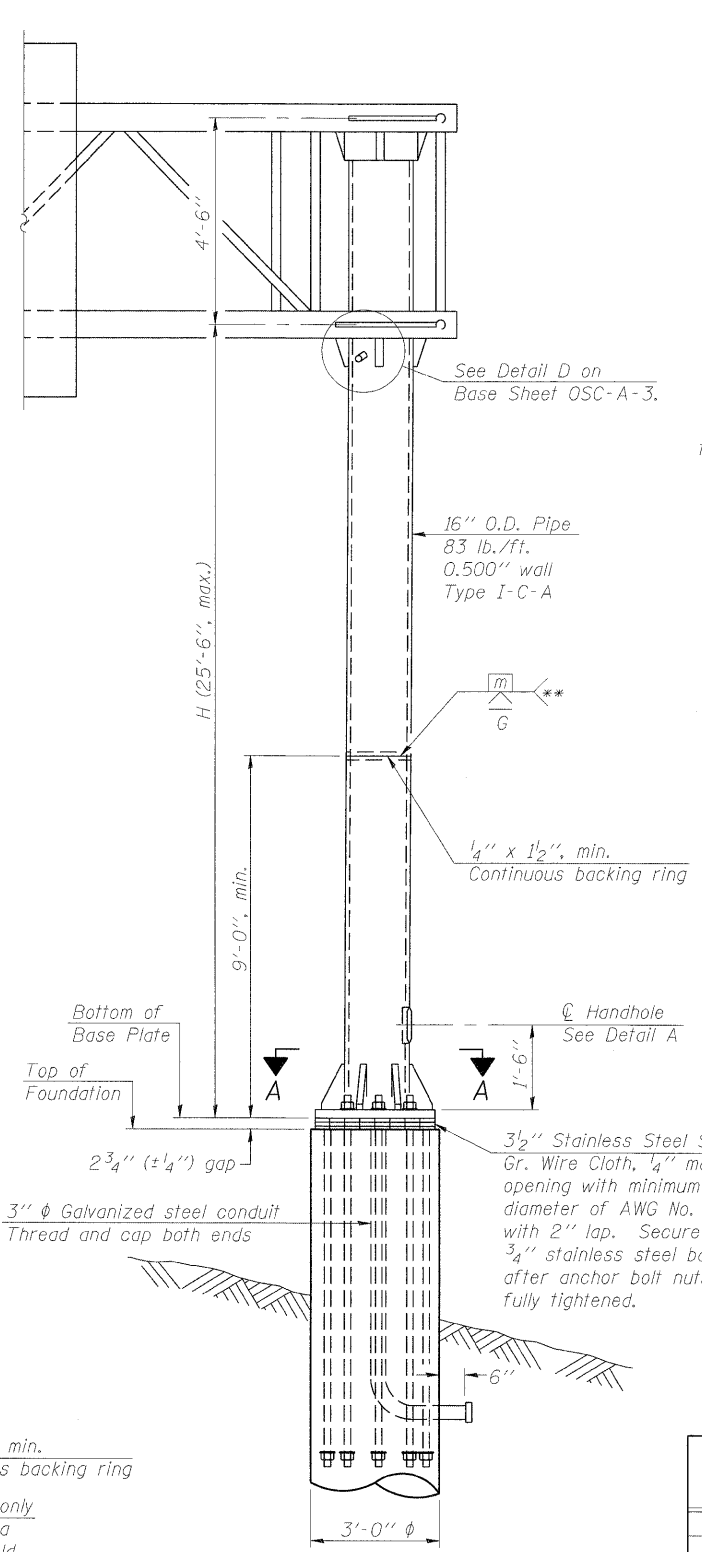
SECTION A-A



SECTION B-B

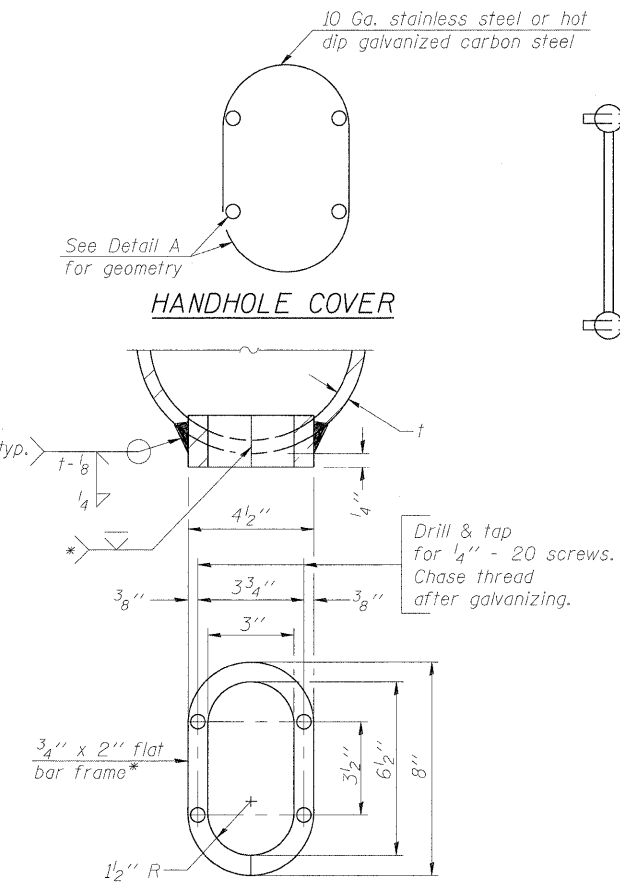


DETAIL B
(Typical rib)



FRONT ELEVATION

For Foundation Details see Base Sheet OSC-A-9.

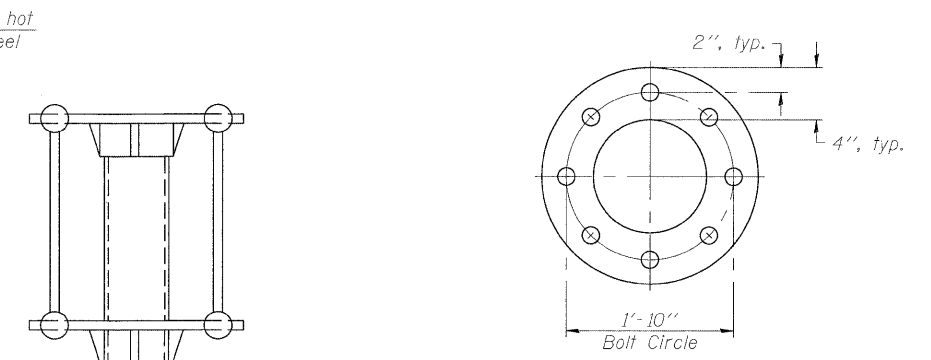


DETAIL A

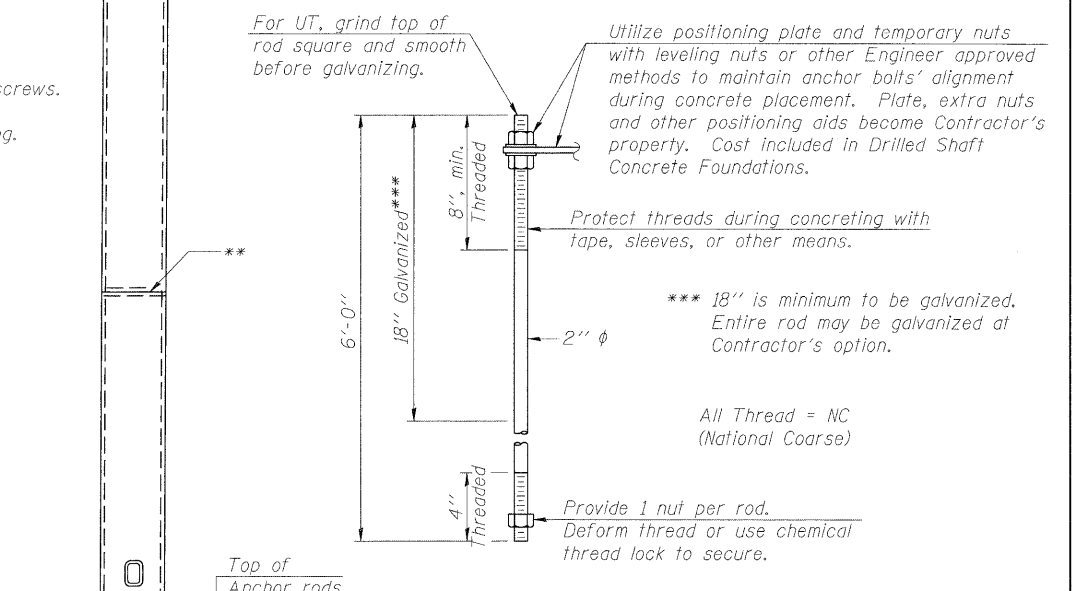
- * Bent bars may be butt welded top and bottom or bottom only. In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μin or less.
- ** Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Structure Number	Station	H
8C0821064L003.9	68+98.98	22'-0"

Note: "H" based on 15'-0" or actual sign height, whichever is greater.

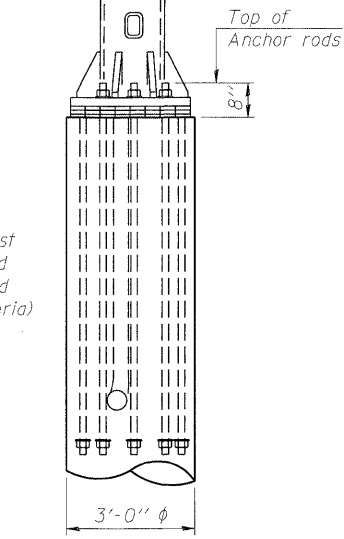


SUGGESTED POSITIONING PLATE



ANCHOR ROD DETAIL

Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize the upper 18" (minimum) and associated AASHTO M291, Grade A, C or DH heavy hex nuts and hardened washers per AASHTO M232. No welding shall be permitted on rods. Provide a nut at bottom, a hexagon locknut and washer above base plate and a leveling nut and washer below base plate. Nuts shall each be tightened with 200 lb.-ft. minimum torque against base plate. Before or after threading, but before galvanizing, each anchor rod shall be ultrasonically tested (UT) by a Level II or III inspector, qualified in accord with ANSI guidelines, to insure no rejectable flaws exist in the upper 18" (tension criteria). Cost of testing included in Drilled Shaft Concrete Foundations.



SIDE ELEVATION

OSC-A-4

9-15-11

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -

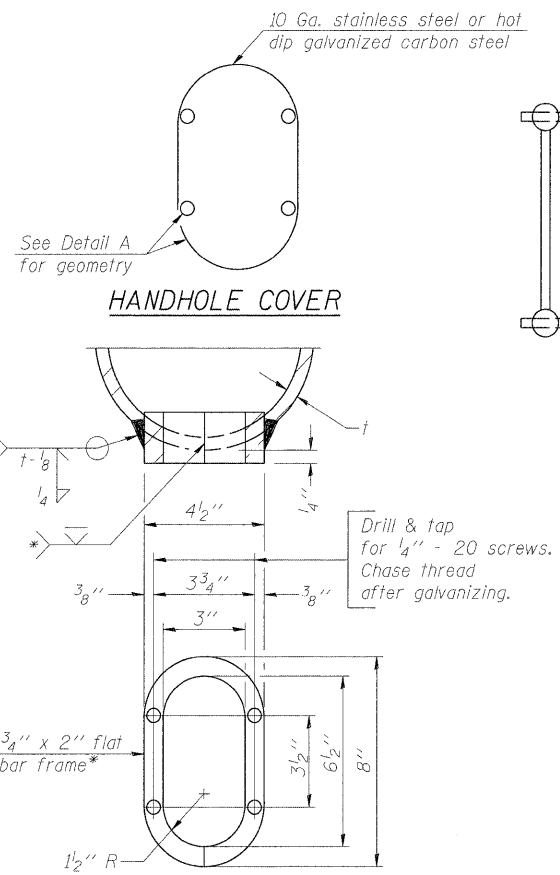
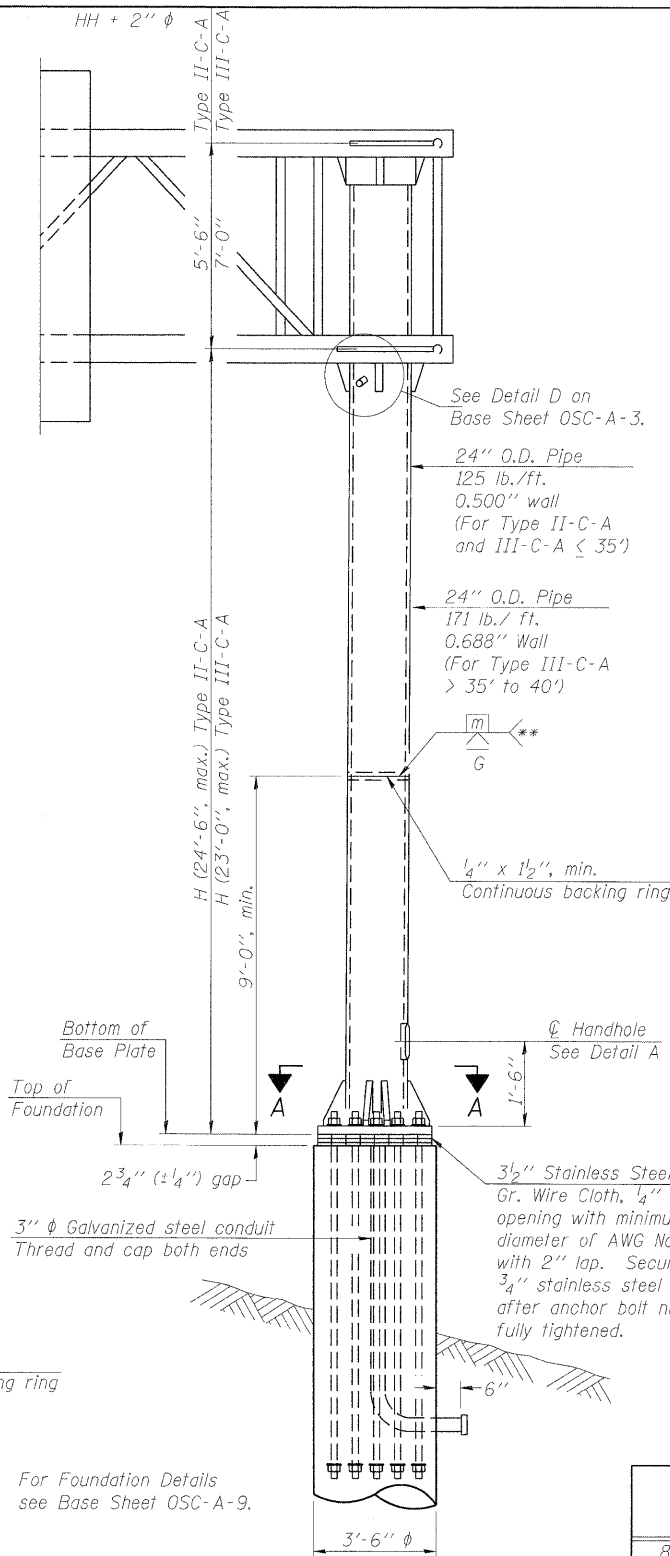
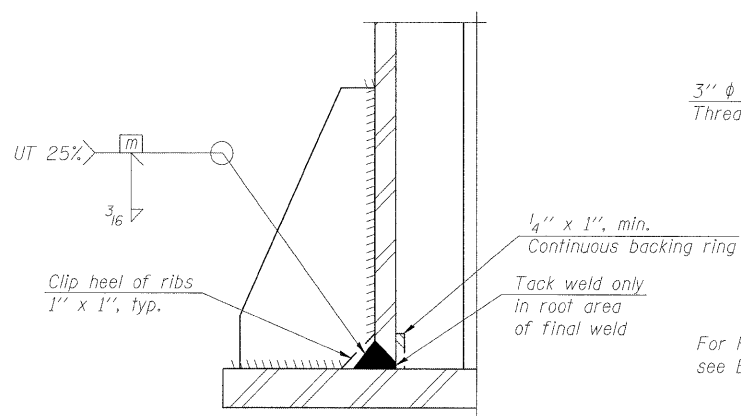
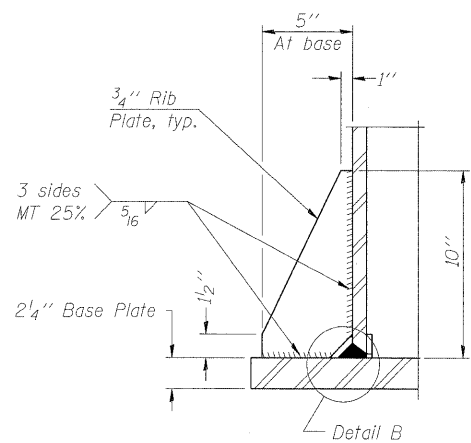
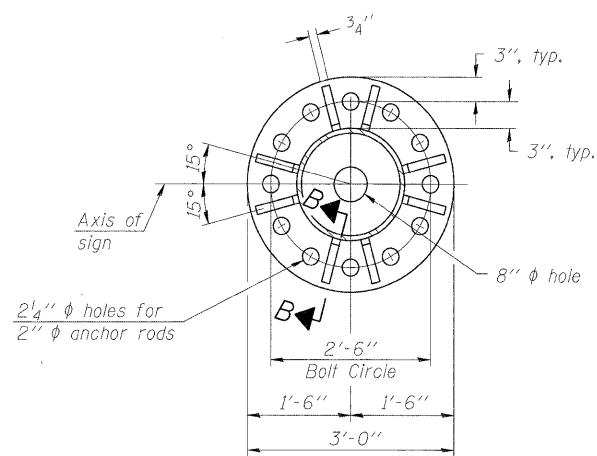
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - TYPE I-C-A TRUSS
SUPPORT POST - ALUMINUM TRUSS & STEEL POST

SHEET NO. 5 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-1SG	ST. CLAIR	145	107
			*998/70/64	CONTRACT NO. 76C45

ILLINOIS FED. AID PROJECT

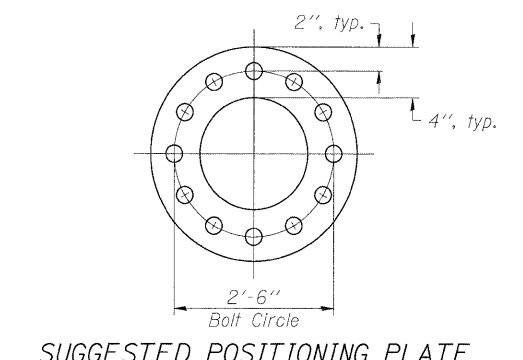


Provide 8" x 4 1/2" cover. Outside corners = 2 1/4" radius. Provide 4-3/16" φ holes in cover for 1/4" - 20 round head hot dip galvanized or stainless steel machine screws. (See cover details.)

DETAIL A

* Bent bars may be butt welded top and bottom or bottom only. In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μin or less.

** Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.



For UT, grind top of rod square and smooth before galvanizing.

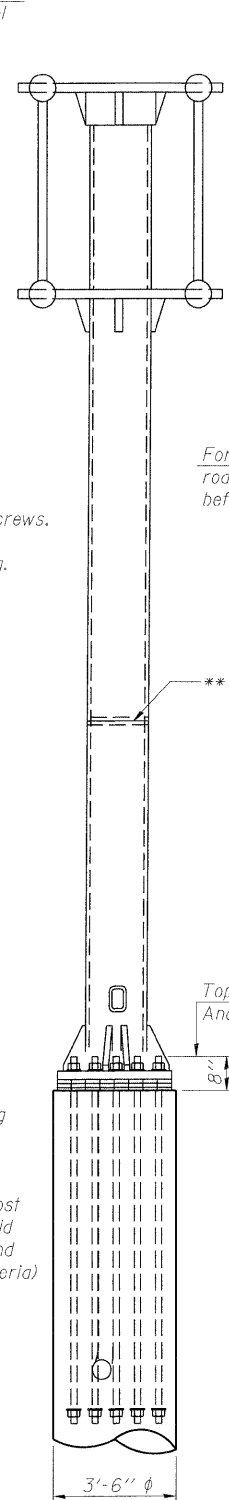
Utilize positioning plate and temporary nuts with leveling nuts or other Engineer approved methods to maintain anchor bolts' alignment during concrete placement. Plate, extra nuts and other positioning aids become Contractor's property. Cost included in Drilled Shaft Concrete Foundations.

Protect threads during concreting with tape, sleeves, or other means.

*** 18" is minimum to be galvanized. Entire rod may be galvanized at Contractor's option.

All Thread = NC (National Coarse)

Provide 1 uncoated nut per rod. Deform thread or use chemical thread lock to secure.



ANCHOR ROD DETAIL

Anchor rods shall conform to AASHTO M314 Grade 105 and meet Charpy V-Notch (CVN) energy of 15 lb.-ft. at 10° F. before galvanizing. Galvanize the upper 18" (minimum***) and associated M291, Grade A, C or DH heavy hex nuts and hardened washers per AASHTO M232. No welding shall be permitted on rods. Provide an unfinished nut at bottom, a hexagon locknut and washer above base plate and a leveling nut and washer below base plate. Nuts shall each be tightened with 200 lb.-ft. minimum torque against base plate. Before or after threading, but before galvanizing, each anchor rod shall be ultrasonically tested (UT) by a Level II or III inspector, qualified in accord with ANSI guidelines, using a straight beam, 1/2" φ 3.5 mhz. transducer, to insure no rejectable flaws exist in the upper 18" (tension criteria). Cost of testing included in Drilled Shaft Concrete Foundations.

Structure Number	Station	H
BC0821070R002.6	75+44.55	14'-0"
BC0821070R002.7	68+00.00	21'-0"
BC0821064R004.3	MM 4.3	24'-6"

Note: "H" based on 15'-0" or actual sign height, whichever is greater.

NUMBER	REVISION	DATE

OSC-A-5

12-1-08

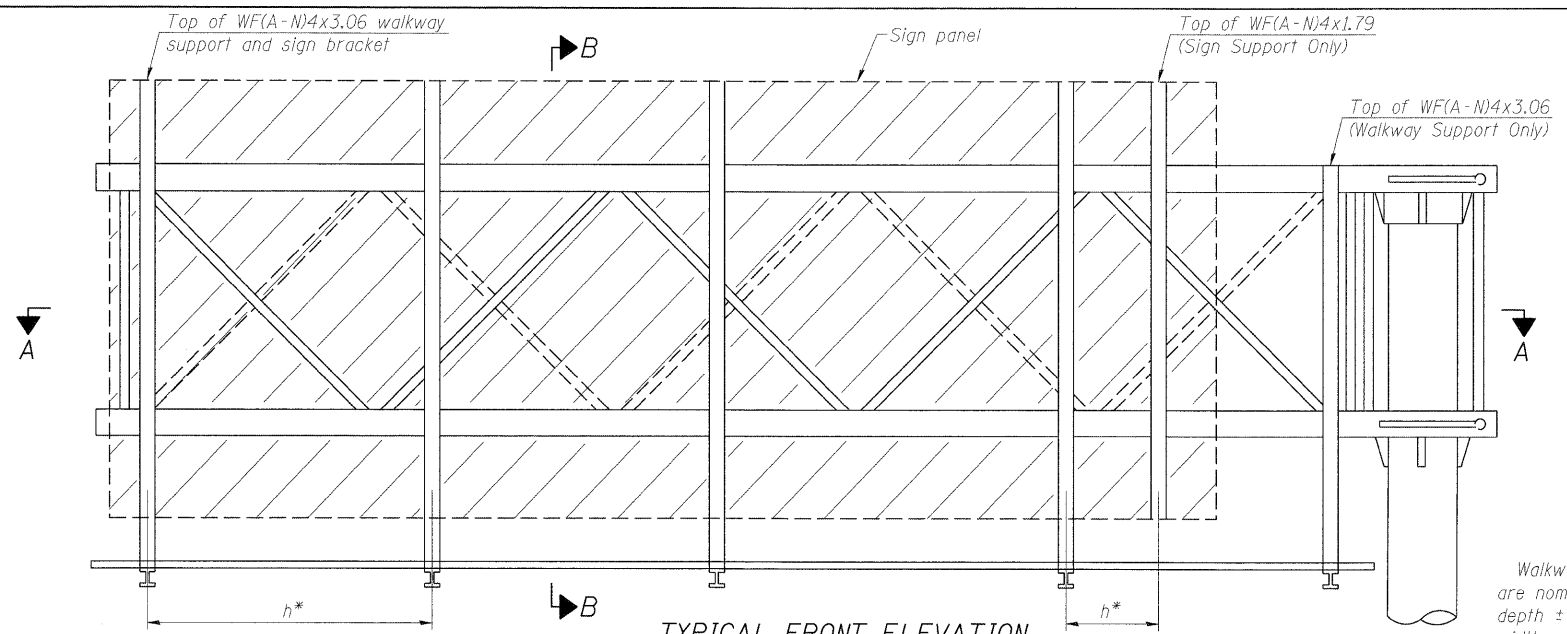
FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES
TYPE II-C-A & III-C-A TRUSS SUPPORT POST

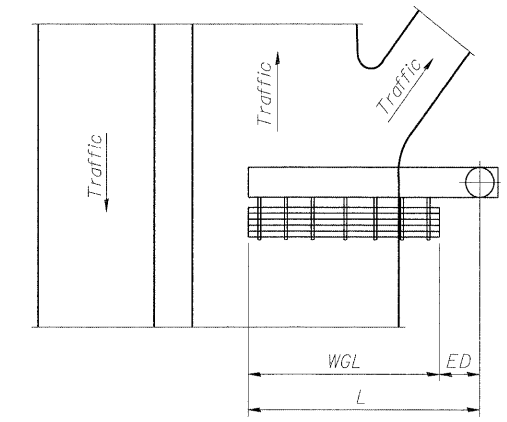
SHEET NO. 6 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	82-15G	ST. CLAIR	145	108
*998/70/64			CONTRACT NO. 76C45	
ILLINOIS FED. AID PROJECT				

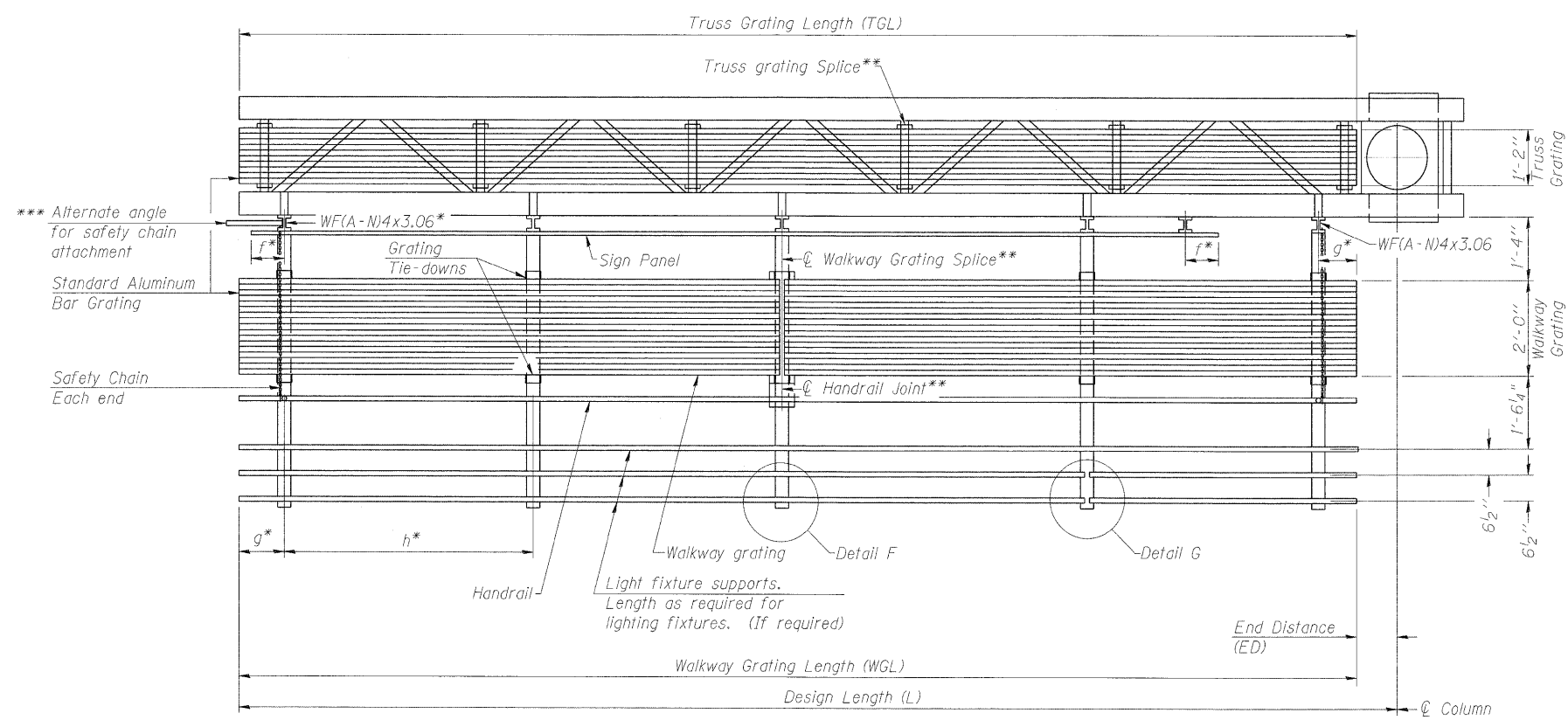


TYPICAL FRONT ELEVATION
With lights and handrail omitted for clarity.

Walkway and truss grating dimensions are nominal and may vary (width ± 1/2", depth ± 1/2") based on available standard widths.



PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)



SECTION A-A

Truss grating to facilitate inspection shall run full length of cantilevers. Cost of truss grating is included in Overhead Sign Structure Cantilever.

Handrail and walkway grating shall span a minimum of three brackets between splices.
** Use and location of handrail joints or grating splices are optional, based on lengths needed and material availability.

$$TGL = L - \left(\frac{\text{Post O.D.}}{2} + 6'' \right)$$

NUMBER	REVISION	DATE

Structure Number	Station	WGL	ED	TGL
8C0821070R002.6	75+44.55	19'-0"	12'-0"	29'-3"
8C0821070R002.7	68+00.00	16'-0"	11'-6"	25'-9"
8C0821064L003.9	68+98.98	17'-0"	7'-1"	22'-9"
8C0821064R004.3	MM 4.3	18'-6"	11'-6"	28'-3"

Notes:
* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)
g = 12" maximum, 4" minimum (End of walkway to center of nearest bracket)
h = 6'-0" maximum (center to center sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)

*** If walkway bracket at safety chain location is behind sign, add angle to bracket. See alternate safety chain attachment on base sheet OSC-A-8

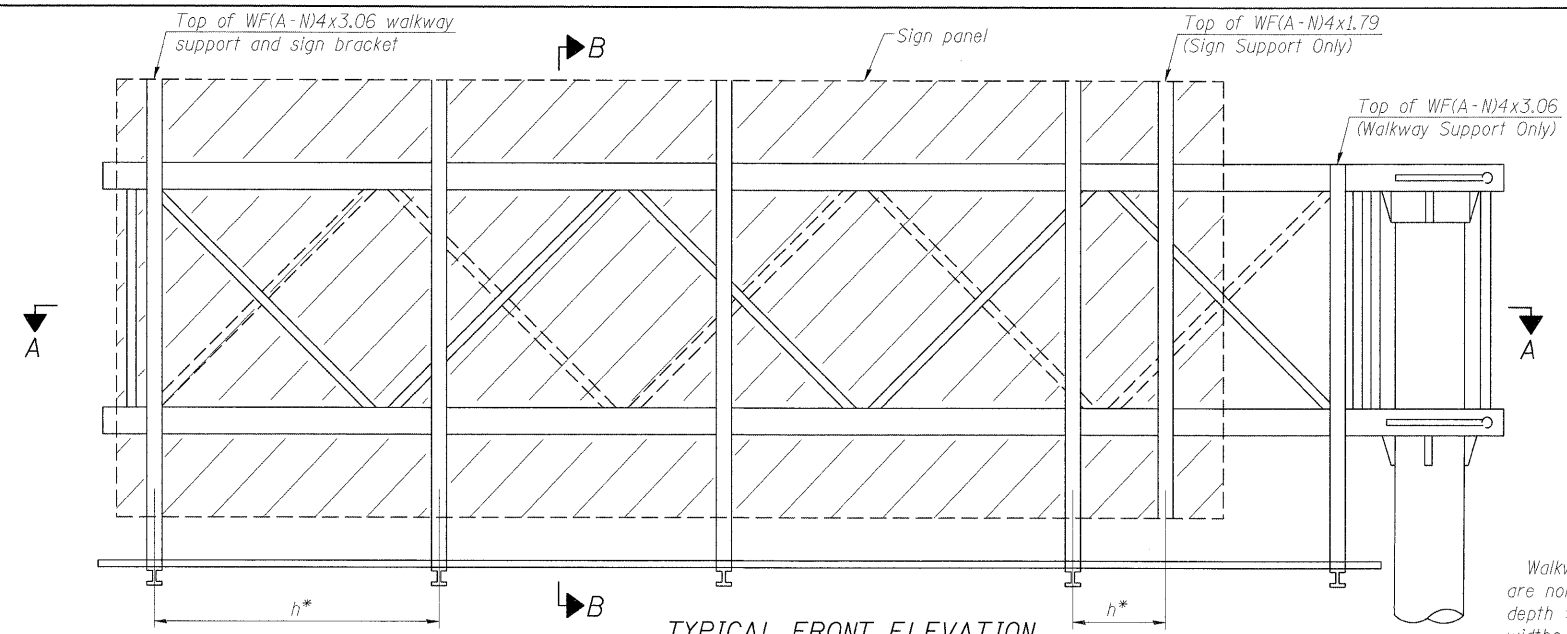
For details of sign placement, sign/walkway brackets, truss and walkway gratings, grating splices and Section B-B, see Base Sheet OSC-A-7.
For details of handrail, handrail joint, safety chain and Details F and G, see Base Sheet OSC-A-8.

BRACKET TABLE

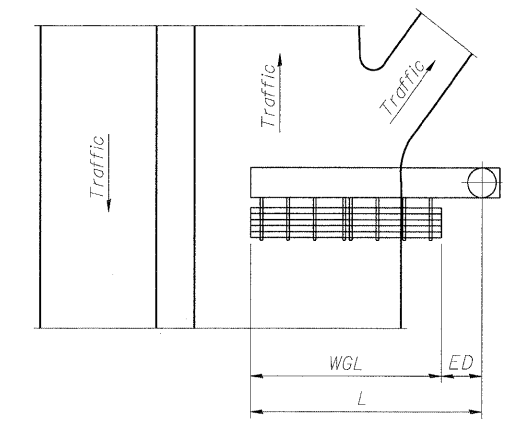
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
8'-0"	8'-0"	2
14'-0"	14'-0"	3
20'-0"	20'-0"	4
26'-0"	26'-0"	5
	32'-0"	6

OSC-A-6

12-1-08

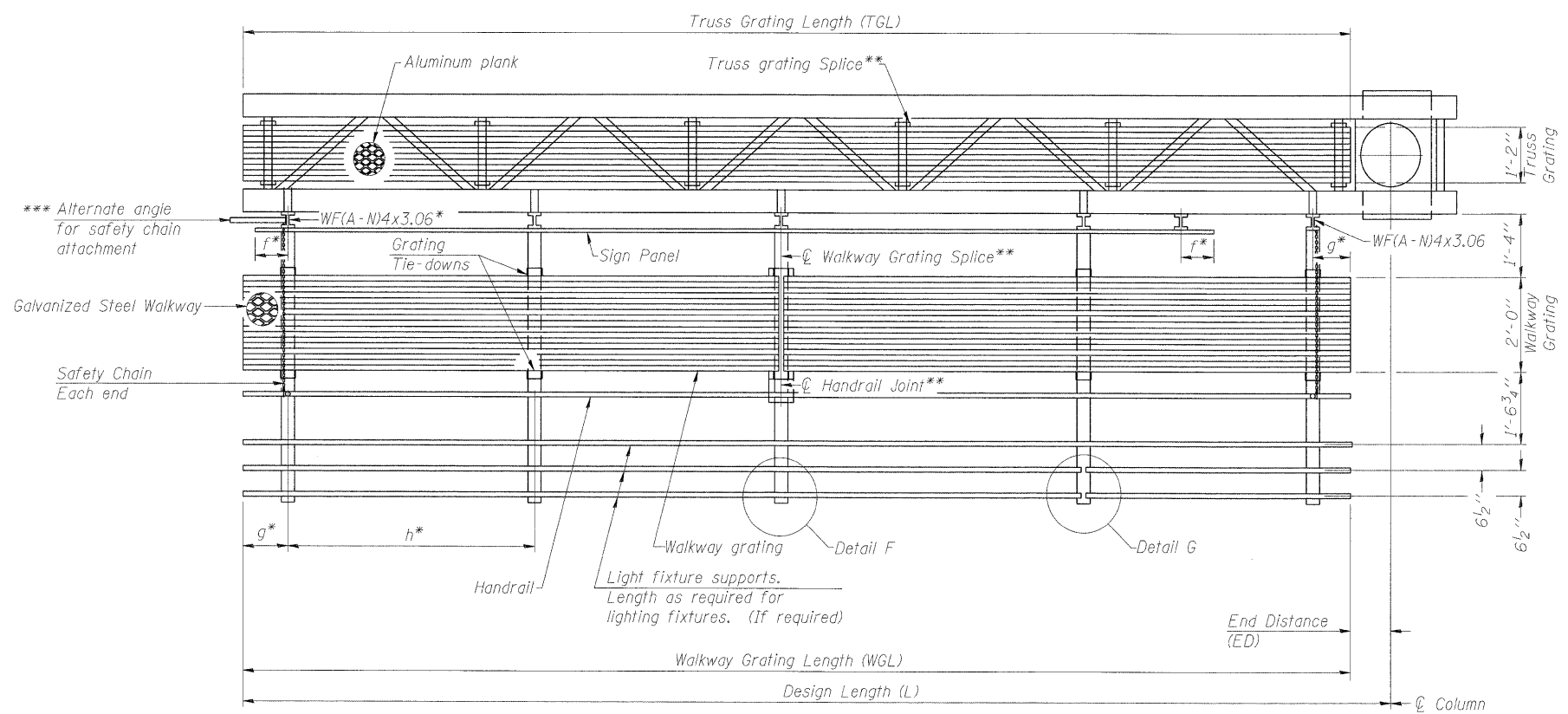


TYPICAL FRONT ELEVATION
With lights and handrail omitted for clarity.



PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

Walkway and truss grating dimensions are nominal and may vary (width ±1/2", depth ±1/2") based on available standard widths.



SECTION A-A

Truss grating to facilitate inspection shall run full length of cantilevers. Cost of truss grating is included in Overhead Sign Structure Cantilever.

Handrail and walkway grating shall span a minimum of three brackets between splices.
** Use and location of handrail joints or grating splices are optional, based on lengths needed and material availability.

$$TGL = L - \left(\frac{\text{Post O.D.}}{2} + 6'' \right)$$

NUMBER	REVISION	DATE

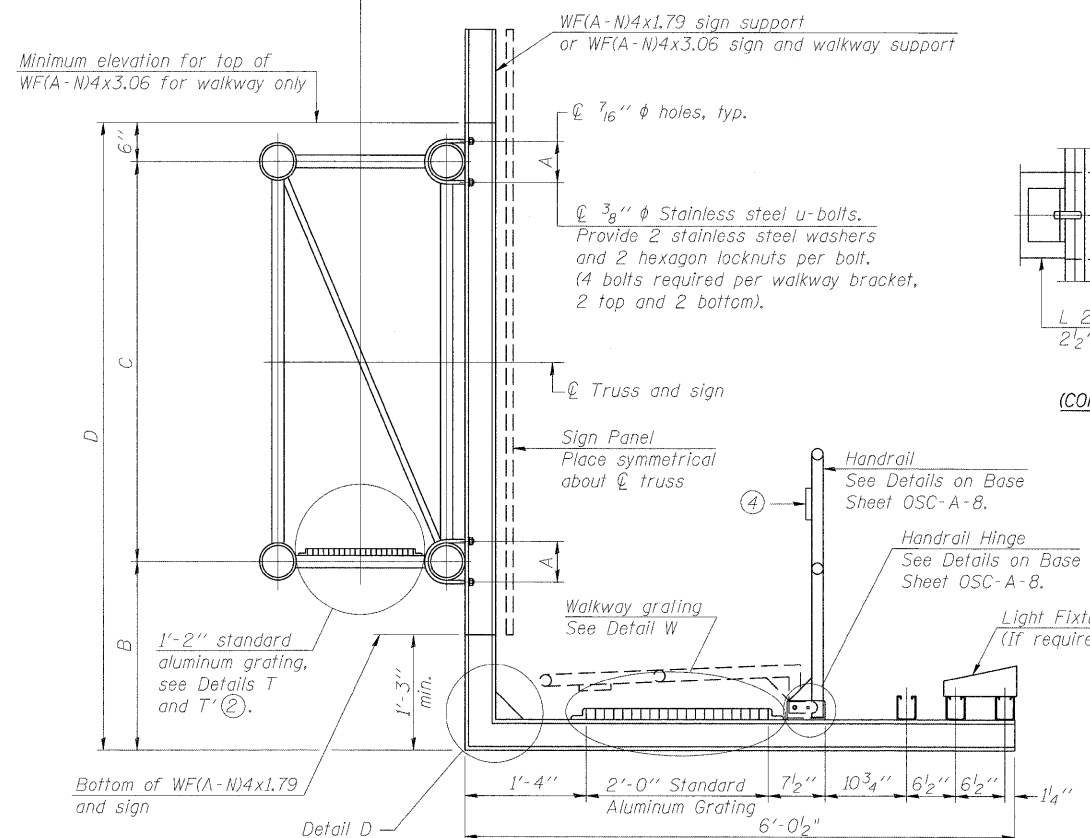
Structure Number	Station	WGL	ED	TGL
8C0821070R002.6	75+44.55	19'-0"	12'-0"	29'-3"
8C0821070R002.7	68+00.00	16'-0"	11'-6"	25'-9"
8C0821064L003.9	68+98.98	17'-0"	7'-1"	22'-9"
8C0821064R004.3	MM 4.3	18'-6"	11'-6"	28'-3"

Notes:
 * Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:
 f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)
 g = 12" maximum, 4" minimum (End of walkway to center of nearest bracket)
 h = 6'-0" maximum (center to center sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)
 *** If walkway bracket at safety chain location is behind sign, add angle to bracket. See alternate safety chain attachment on base sheet OSC-A-8.
 For details of sign placement, sign/walkway brackets, truss and walkway gratings, grating splices and Section B-B, see Base Sheet OSC-A-7S.
 For details of handrail, handrail joint, safety chain and Details F and G, see Base Sheet OSC-A-8.

BRACKET TABLE

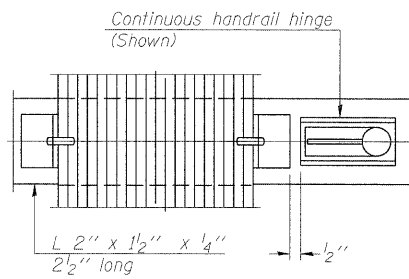
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
8'-0"	8'-0"	2
14'-0"	14'-0"	3
20'-0"	20'-0"	4
26'-0"	26'-0"	5
32'-0"	32'-0"	6

OSC-A-6S 12-1-08

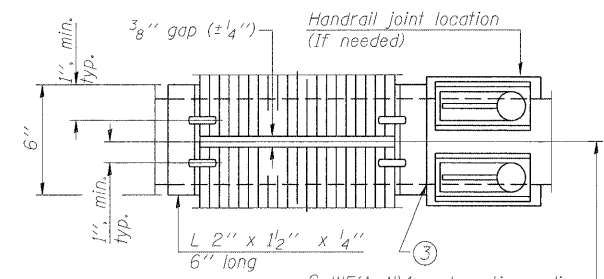


SECTION B-B

Sign shall be even with the top of the bracket, but it may extend no more than 6" above the top of the bracket for field adjustments.

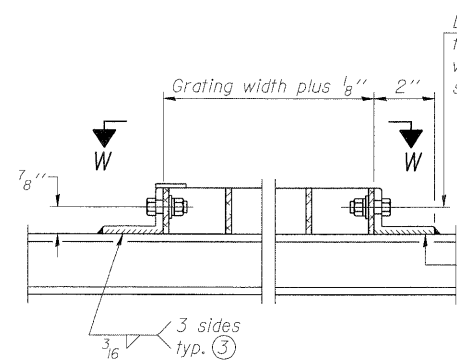


SECTION W-W



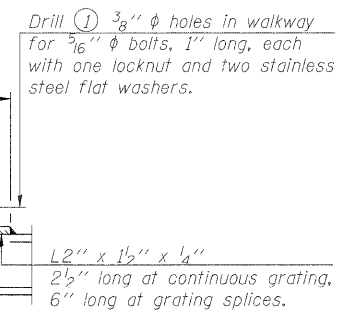
SECTION W-W

(AT WALKWAY GRATING SPLICE)



DETAIL W

(Walkway grating)



DETAIL T'

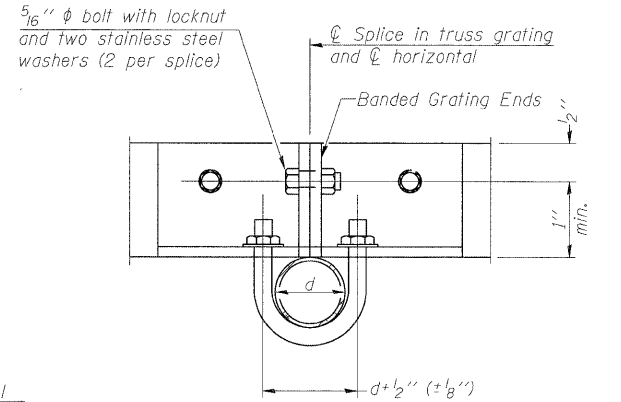
(Truss grating splice)

Details not shown same as Detail T. Alternate materials may be used subject to the Engineer's review and approval.

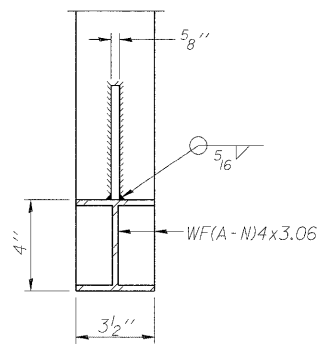
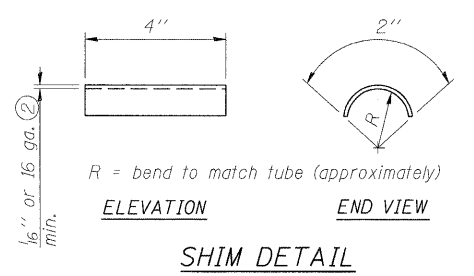
SPECIFICATIONS FOR STANDARD ALUMINUM GRATING
 Main Bearing Bars (MBB) shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B211 Alloy 6061-T6.
 Cross bars (CB) shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

OR

Aluminum Grating with modified "I" sections for main bearing bars shall meet the following requirements:
 Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 1/2", spaced on 1 3/16" centers.
 Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

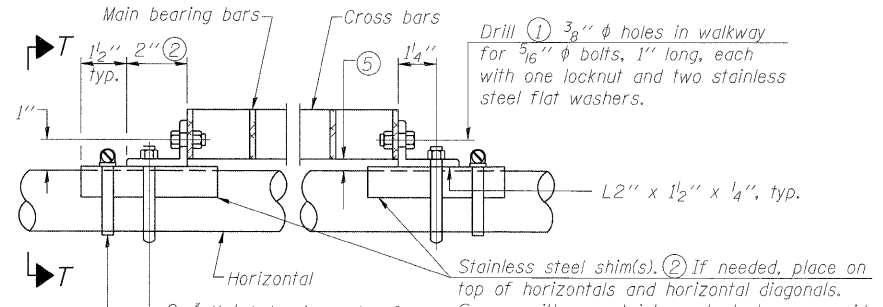


SECTION T'-T'



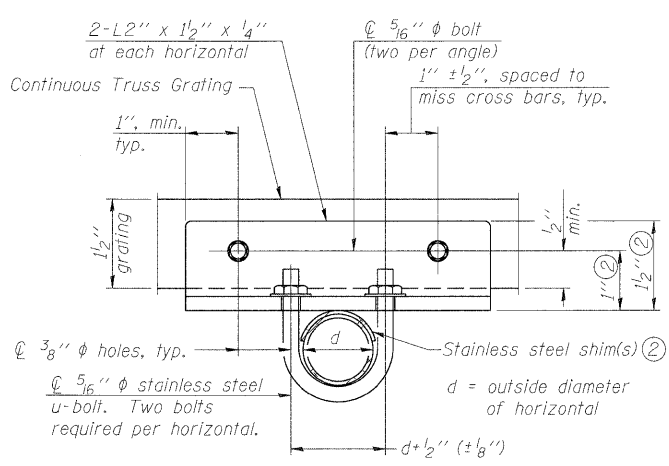
SECTION D-D

Screw type stainless steel tube clamp at shim location



DETAIL T

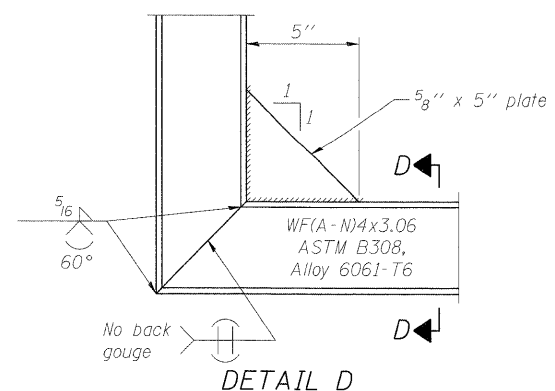
(Continuous Truss grating)



SECTION T-T

- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- ③ If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet OSC-A-8.)
- ④ ∅ 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- ⑤ Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.
- ⑥ Based on actual sign height, D_s, given on OSC-A-1.

NUMBER	REVISION	DATE

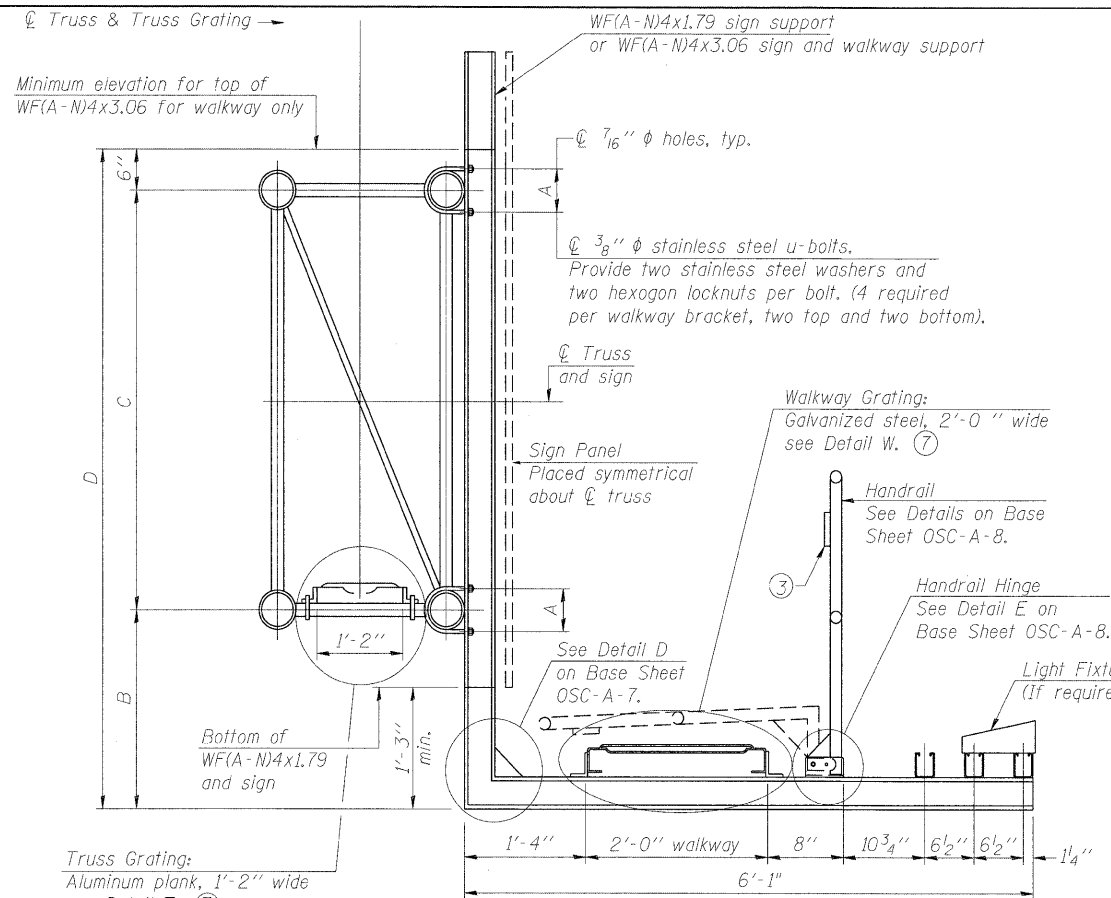


DETAIL D

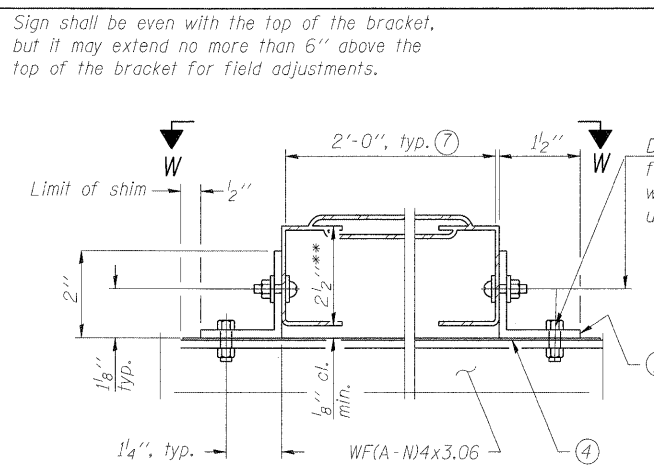
Structure Number	Station	A	⑥ B	C	⑥ D
8C0821070R002.6	75+44.55	7 1/2"	5'-3"	7'-0"	12'-9"
8C0821070R002.7	68+00.00	7"	6'-0"	5'-6"	12'-0"
8C0821064L003.9	68+98.98	5 1/2"	6'-6"	4'-6"	11'-6"
8C0821064R004.3	MM 4.3	7 1/2"	5'-3"	7'-0"	12'-9"

OSC-A-7

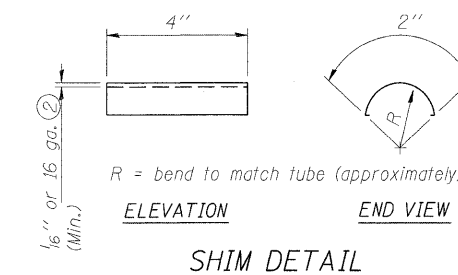
6-1-09



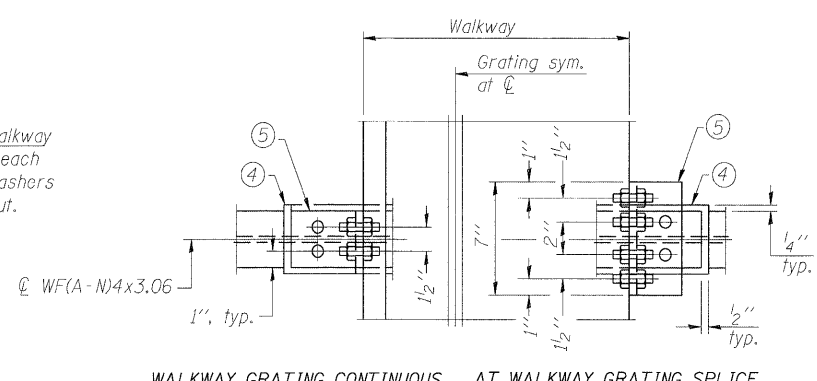
SECTION B-B



**DETAIL W
GALVANIZED STEEL WALKWAY GRATING**



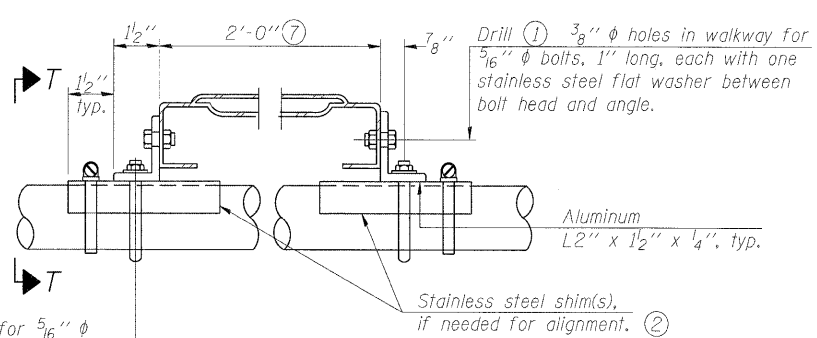
SHIM DETAIL



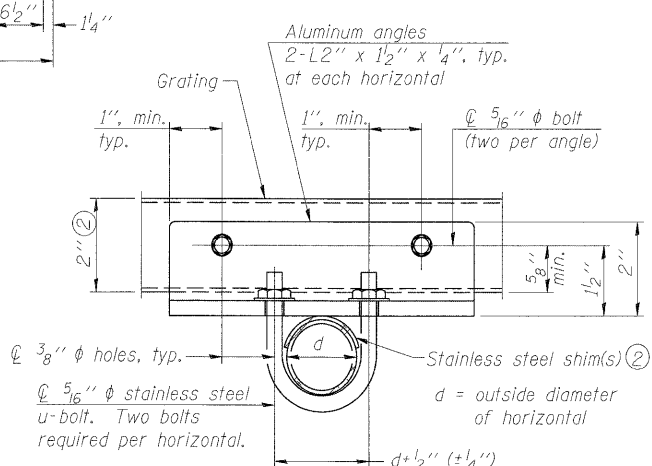
WALKWAY GRATING CONTINUOUS AT WALKWAY GRATING SPLICE

SECTION W-W

Truss Grating: Aluminum plank, 1'-2" wide see Detail T. ⑦

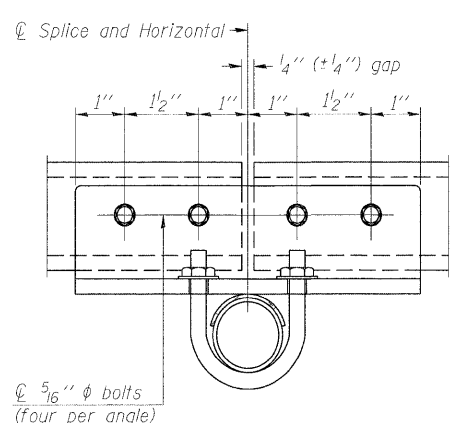


**DETAIL T
(Truss grating at horizontal)**



**SECTION T-T
(Truss Grating Continuous)**

ALUMINUM TRUSS GRATING



**SECTION T-T
(Truss Grating Splice)**

Alternate splice details and locations may be used subject to the Engineer's review and approval.

- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed under angles at horizontals and horizontal diagonals if needed to compensate for alignment variations and differences in horizontal diagonal pipe sizes beyond adjustment provided by angles. Secure with one stainless steel clamp per location, see "Shim Detail". Thicker shim plates may be used when needed subject to shims performing properly.
- ③ 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- ④ 1/16" (or 16 ga.) x 2 1/2" x 4" stainless steel shim adhered to top of WF(A-N)4x3.06 beneath each galvanized angle, typ. Adhesives for shims shall be suitable for materials joined and full exposure conditions.
- ⑤ Galvanized steel L2" x 2" x 1/4", 3 1/2" long with continuous grating 7" long at grating splice.
- ⑥ Details shown are considered equal alternatives to Aluminum Walkway Details and may be substituted by Contractor at no charge in contract cost.
- ⑦ Perforated or expanded metal grating providing a skid resistant (non-serrated) surface and capable of supporting a 500 pound concentrated load with a 6'-0" clear span. Walkway and truss grating dimensions are nominal and may vary (width ±1/2", depth ±1/2") based on available standard sizes. Cut ends of grating shall be free of burrs or hazardous projections and coated with zinc rich primer or equivalent.
- ⑧ Based on actual sign height, Ds, given on OSC-A-1.

Structure Number	Station	A	⑧ B	C	⑧ D
8C0821070R002.6	75+44.55	7 1/2"	5'-3"	7'-0"	12'-9"
8C0821070R002.7	68+00.00	7"	6'-0"	5'-6"	12'-0"
8C0821064L003.9	68+98.98	5 1/2"	6'-6"	4'-6"	11'-6"
8C0821064R004.3	MM 4.3	7 1/2"	5'-3"	7'-0"	12'-9"

NUMBER	REVISION	DATE

OSC-A-7S

6-1-09

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
PLOT SCALE =	DESIGNED - MPW	CHECKED - MPW	REVISED -
PLOT DATE =	DRAWN - PMK	CHECKED - MPW	REVISED -

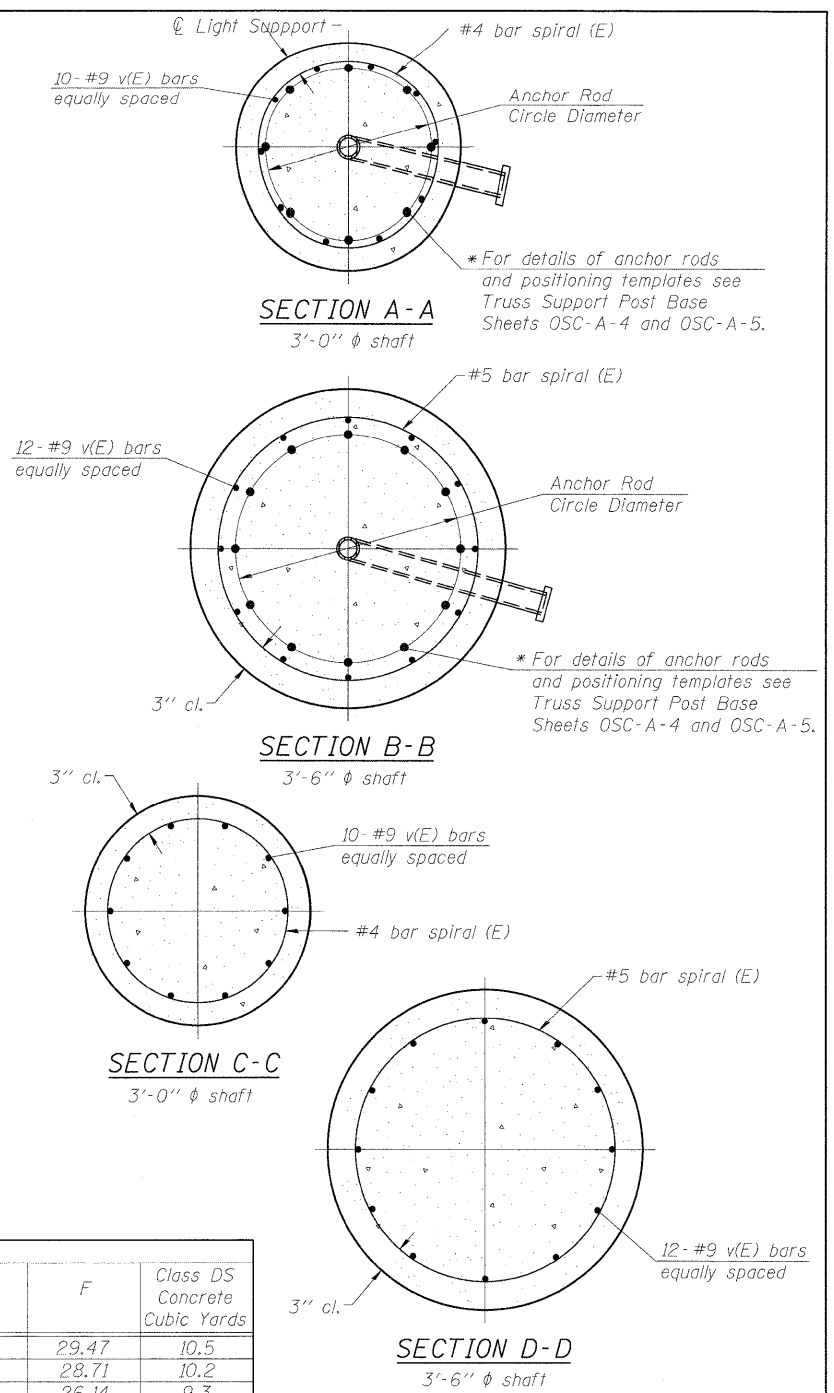
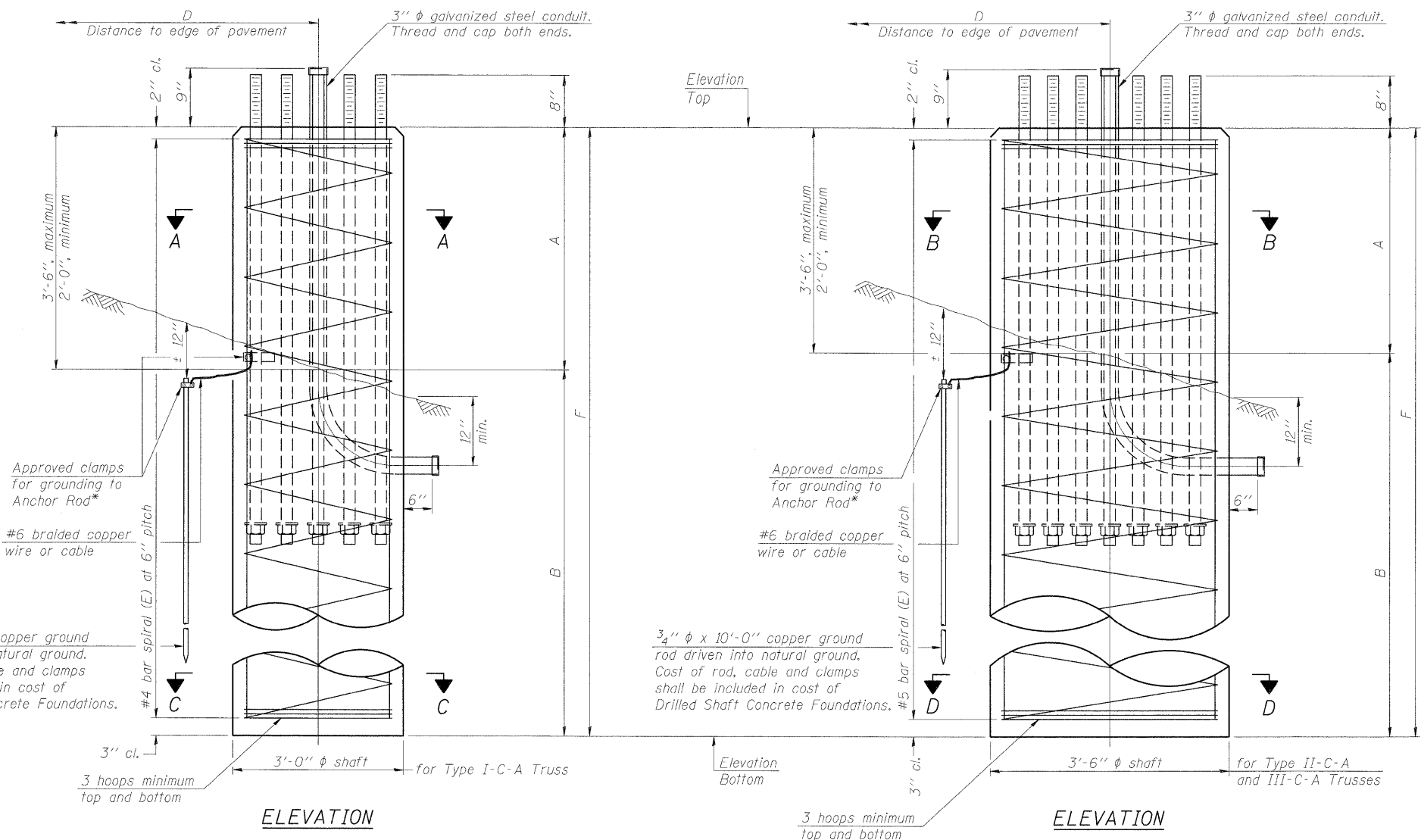
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES
ALTERNATE WALKWAY DETAILS**

SHEET NO. 10 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-15G	ST. CLAIR	145	112
*998/70/64			CONTRACT NO. 76C45	
ILLINOIS FED. AID PROJECT				

* Grind anchor rod to bright finish at ground clamp location before installing clamp.



NOTES:
 The foundation dimensions shown in the Foundation Design Table are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Q_u) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown in the Foundation Data Table will be the result of site specific designs.
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.
 No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.
 Concrete shall be placed monolithically, without construction joints.
 Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.
 A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

Structure Number	Station	Truss Type	Shaft Diameter	Elevation Top	Elevation Bottom	Q_u	A	B	F	Class DS Concrete Cubic Yards
8C0821070R002.6	75+44.55	III-C-A	3.5	425.21	395.74	1.25	2.97	26.5	29.47	10.5
8C0821070R002.7	68+00.00	II-C-A	3.5	417.99	389.28	0.3	2.71	26.0	28.71	10.2
8C0821064L003.9	68+98.98	I-C-A	3.5	451.62	425.48	1.64	3.14	23.0	26.14	9.3
8C0821064R004.3	MM 4.3	III-C-A	3.5	431.60	410.22		2.38	19.0	21.38	7.6

NUMBER	REVISION	DATE

Truss Type	Post Base Sheet	Maximum Cantilever Length (ft)	Maximum Total Sign Area (sq ft)	Shaft Diameter (in)	"B" Depth (ft)	Anchor Rods No.	Anchor Rod Diameter (in)	Anchor Rod Circle Diameter (in)
I-C-A	OSC-A-4	25	170	3.0	16.0	8	2	22
II-C-A	OSC-A-5	30	170	3.5	17.0	12	2	30
II-C-A	OSC-A-5	30	340	3.5	21.5	12	2	30
III-C-A	OSC-A-5	35	170	3.5	19.0	12	2	30
III-C-A	OSC-A-5	35	250	3.5	22.5	12	2	30
III-C-A	OSC-A-5	35	400	3.5	26.5	12	2	30
III-C-A	OSC-A-5	40	400	3.5	32.0	12	2	30

OSC-A-9

12-1-08

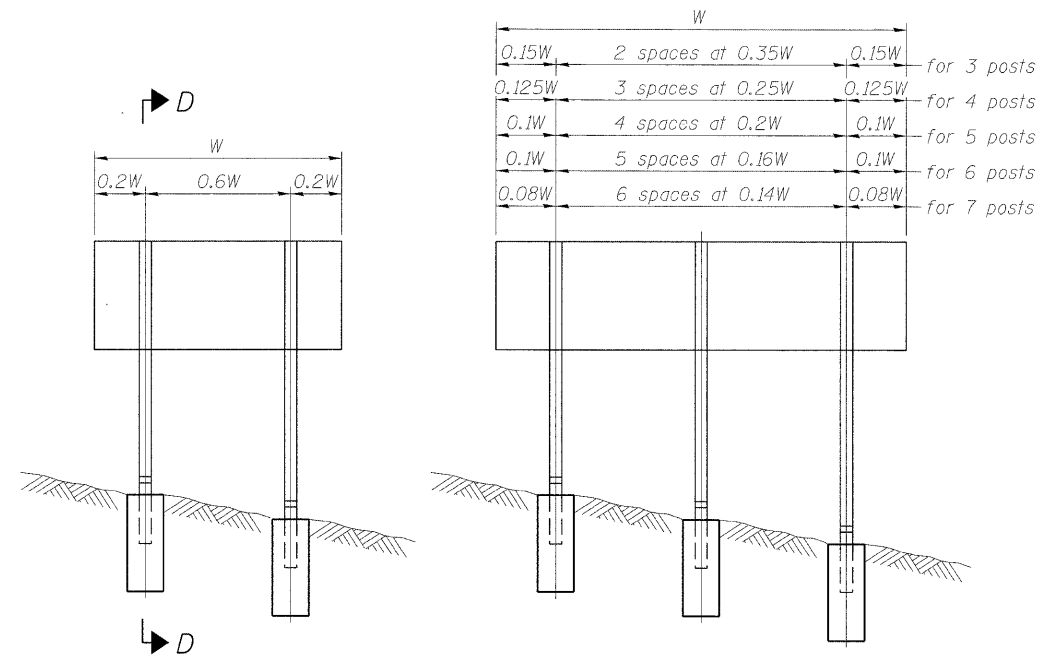
FILE NAME =	USER NAME =	DESIGNED - VAM	REVISED -
		CHECKED - MPW	REVISED -
PLOT SCALE =		DRAWN - PMK	REVISED -
PLOT DATE =		CHECKED - MPW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES
DRILLED SHAFT ALUMINUM TRUSS & STEEL POST

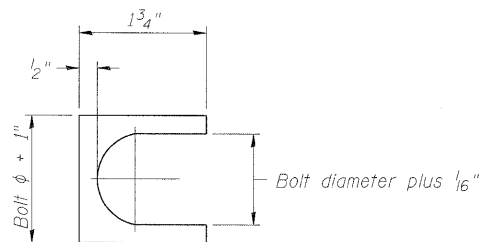
SHEET NO. 12 OF 12 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-1SG	ST. CLAIR	145	114
*998/70/64		CONTRACT NO. 76C45		
ILLINOIS FED. AID PROJECT				



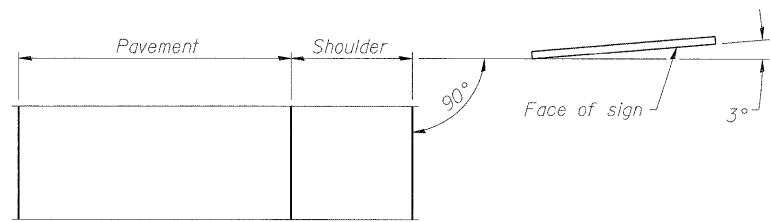
ELEVATION

0.15W	2 spaces at 0.35W	0.15W	for 3 posts
0.125W	3 spaces at 0.25W	0.125W	for 4 posts
0.1W	4 spaces at 0.2W	0.1W	for 5 posts
0.1W	5 spaces at 0.16W	0.1W	for 6 posts
0.08W	6 spaces at 0.14W	0.08W	for 7 posts

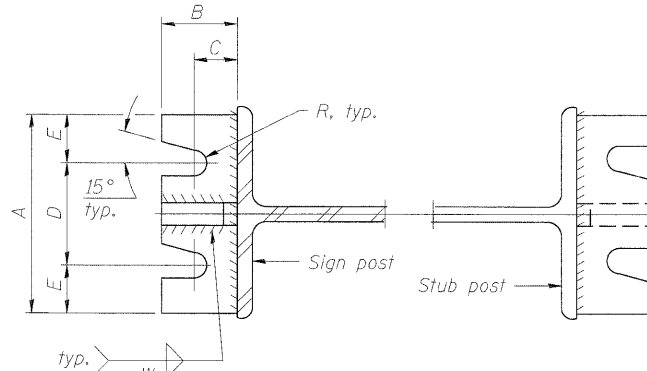


SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

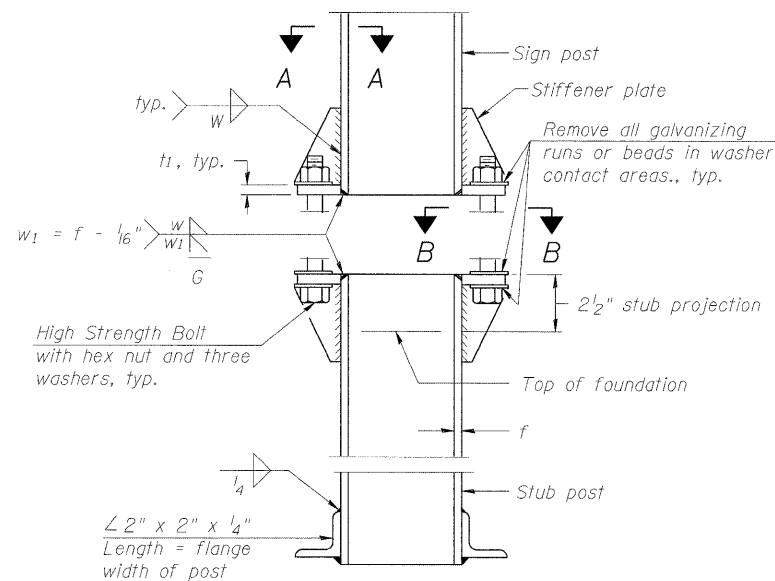


LOCATION SKETCH

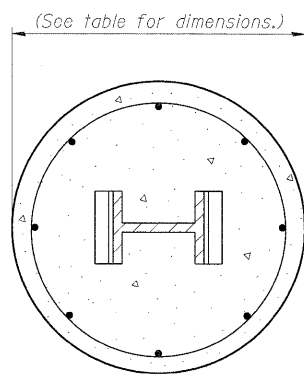


SECTION A-A

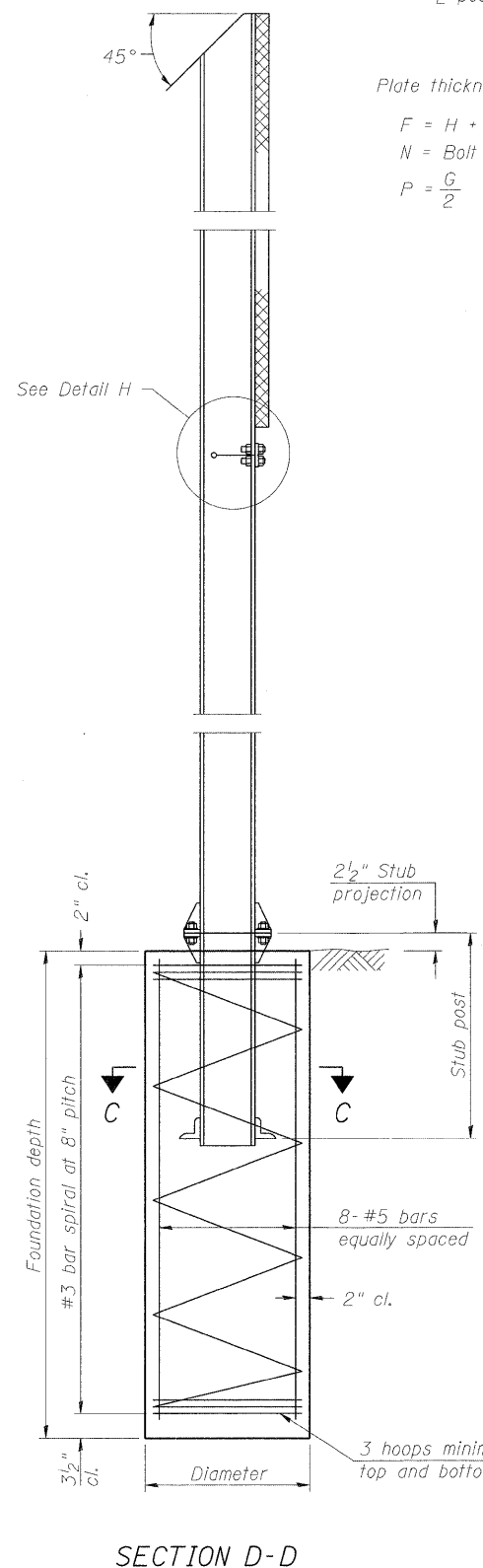
SECTION B-B



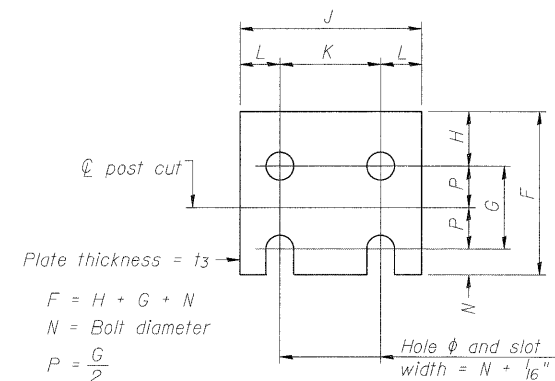
ELEVATION
SIGN POST & STUB POST



SECTION C-C



SECTION D-D



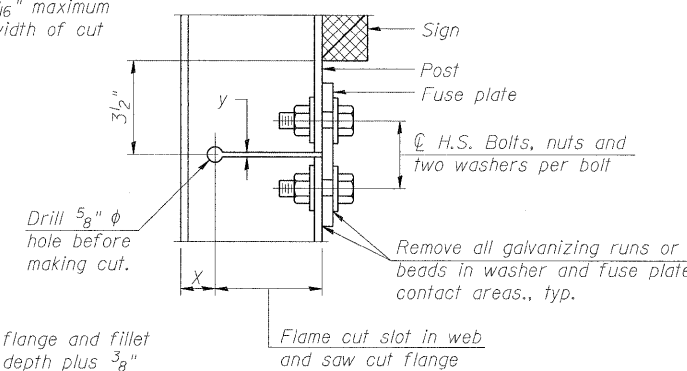
FUSE PLATE DETAIL

(Install with notches down.)

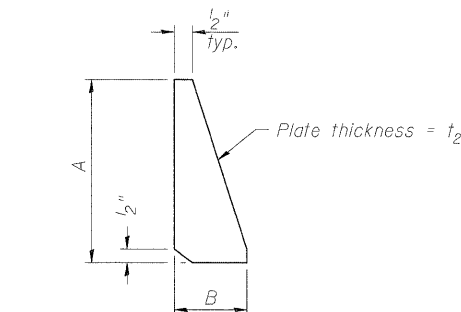
Plate thickness = t_3
 $F = H + G + N$
 $N = \text{Bolt diameter}$
 $P = \frac{G}{2}$

N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"

$y = 3/16$ " maximum width of cut



DETAIL H



STIFFENER PLATE DETAIL

GENERAL NOTES

Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
 Structural steel - 20,000 p.s.i.
 Reinforcing steel - 20,000 p.s.i.
 Concrete - 1,400 p.s.i.
 Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.

(Sheet 1 of 2)

BAW-A-1

7-1-10

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST DETAILS

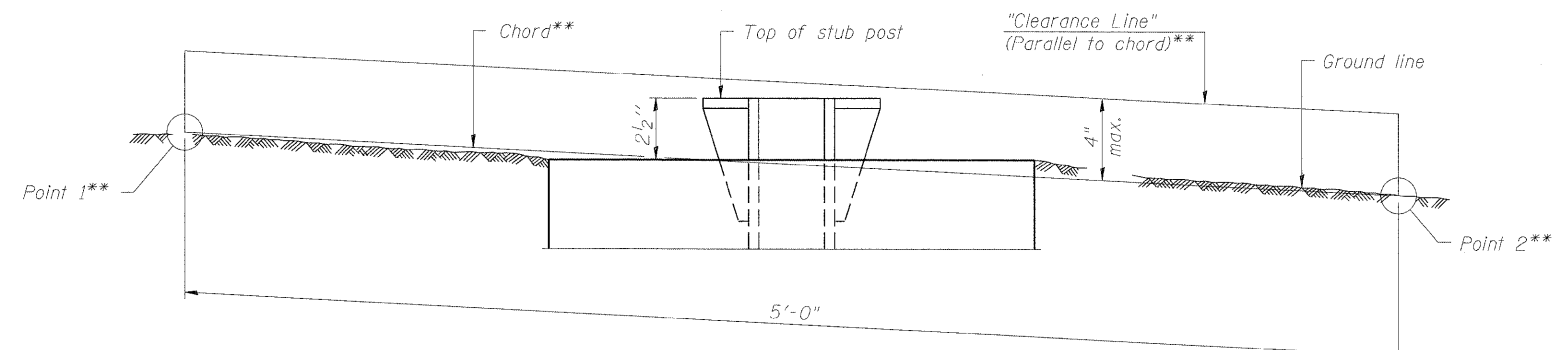
SHEET NO. 1 OF 2 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-15G	ST. CLAIR	145	115
*998/70/64			CONTRACT NO. 76C45	
ILLINOIS FED. AID PROJECT				

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA				
	Foundation			Reinforcement				Stub Post Length	Bolt Size	A	B	C	D	E	t ₁	t ₂	R	W	J	K	L	t ₃
	Diameter	* Minimum Depth	Concrete (1) cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Length	lbs. (2)															
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/32"	1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	1 1/32"	1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 1/32"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	1 1/32"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 1/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 1/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	1 1/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 1/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	1 1/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																					
	Sign Height																					
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---	
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---	
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	---	---	---	
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W16x45	---	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"



ELEVATION
GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

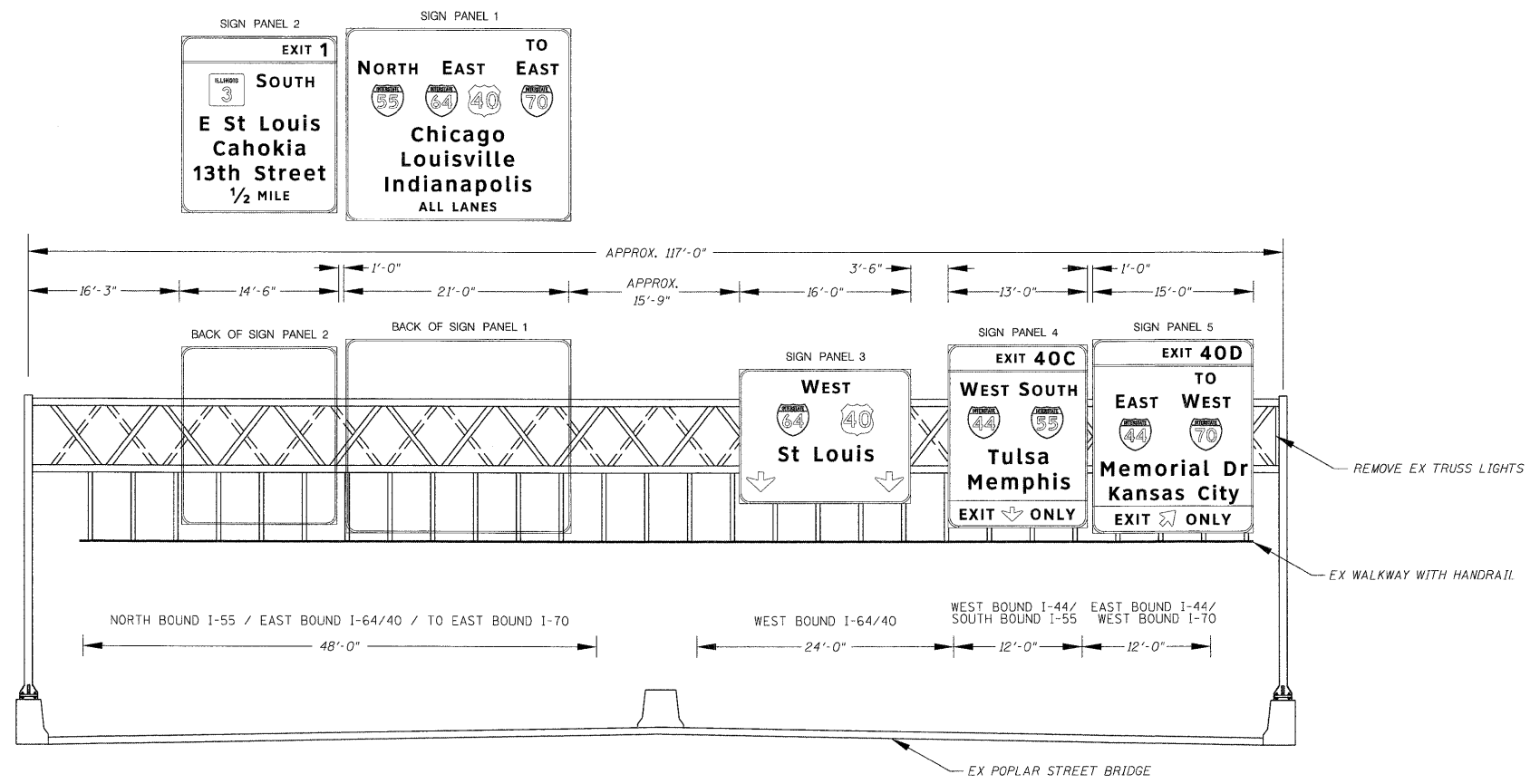
- (1) Quantity includes all concrete necessary for one foundation.
- (2) Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2

7-1-10

(Sheet 2 of 2)

FILE NAME =	USER NAME =	DESIGNED - PMK	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BREAK-AWAY WIDE FLANGE STEEL SIGN POST TABLES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE =	CHECKED - MPW	REVISD -	82-1SG			ST. CLAIR	145	116		
PLOT DATE =	DRAWN - PMK	REVISD -	•998/70/64			CONTRACT NO. 76C45				
	CHECKED - MPW	REVISD -	ILLINOIS FED. AID PROJECT							
SHEET NO. 2 OF 2 SHEETS										



NOTE: THIS DETAIL IS NOT A TRUE CROSS SECTION OF THE ROADWAY BUT IS INTENDED TO SHOW THE PROPOSED PANEL LOCATIONS OVER THE ROADWAY LANES. SIGN PANELS SHOULD BE VERTICALLY CENTERED OVER LANES AND HORIZONTALLY CENTERED ON TRUSS IF POSSIBLE, OTHERWISE MAINTAIN 1.25' FROM BOTTOM OF SIGN PANEL TO WALKWAY.

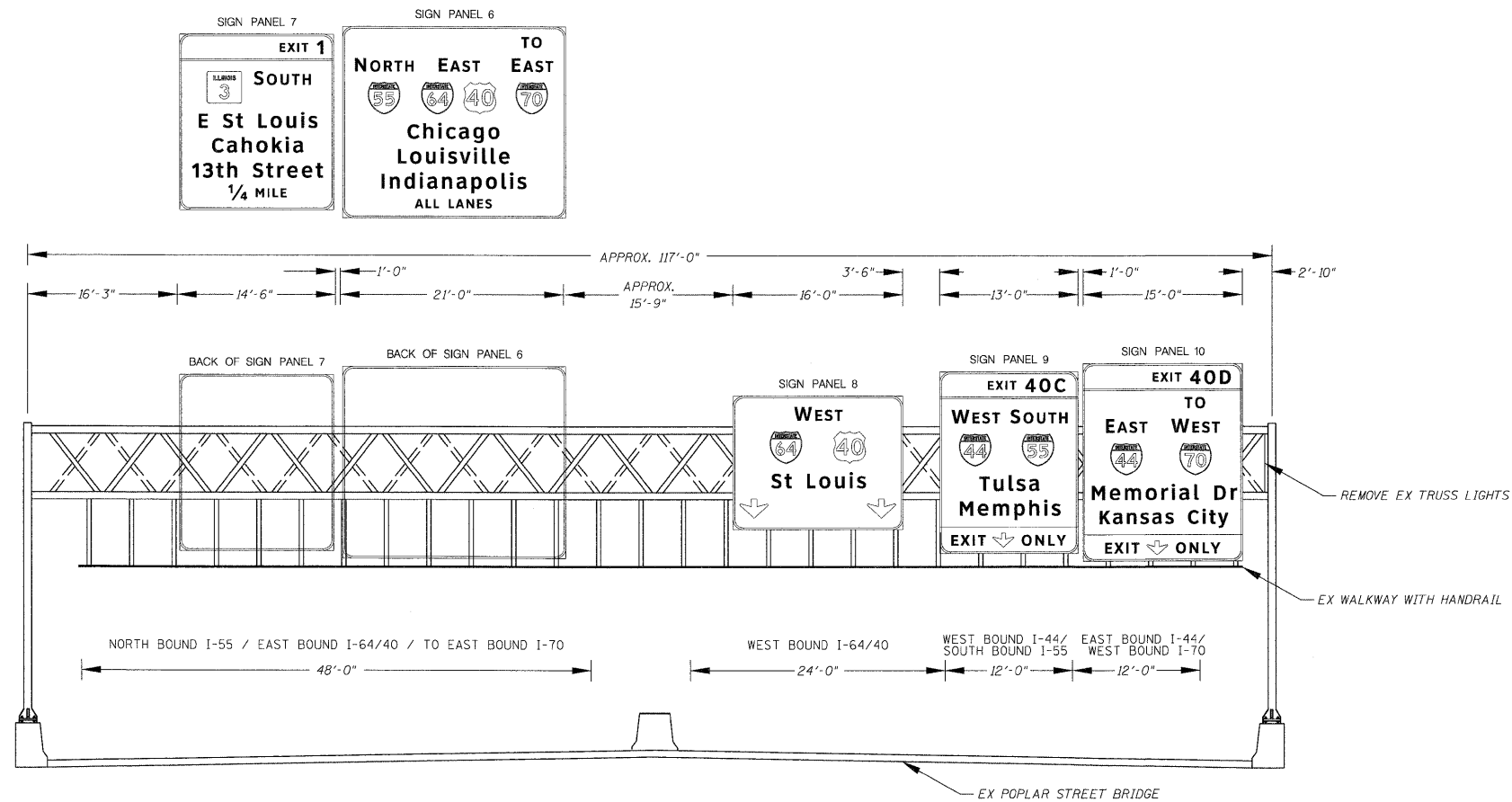
EXISTING SIGN TRUSS
SB I-55 PAST ALIGNMENT LIMITS
MILE POST MARKER 209.3
STR IN MISSOURI

FILE NAME = D8TR1-76C45-sht-xsh-t-signs.dgn	USER NAME = mmccormack	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			
SCALE: N/A	SHEET NO. 1 OF 18 SHEETS	STA. N/A	TO STA. N/A

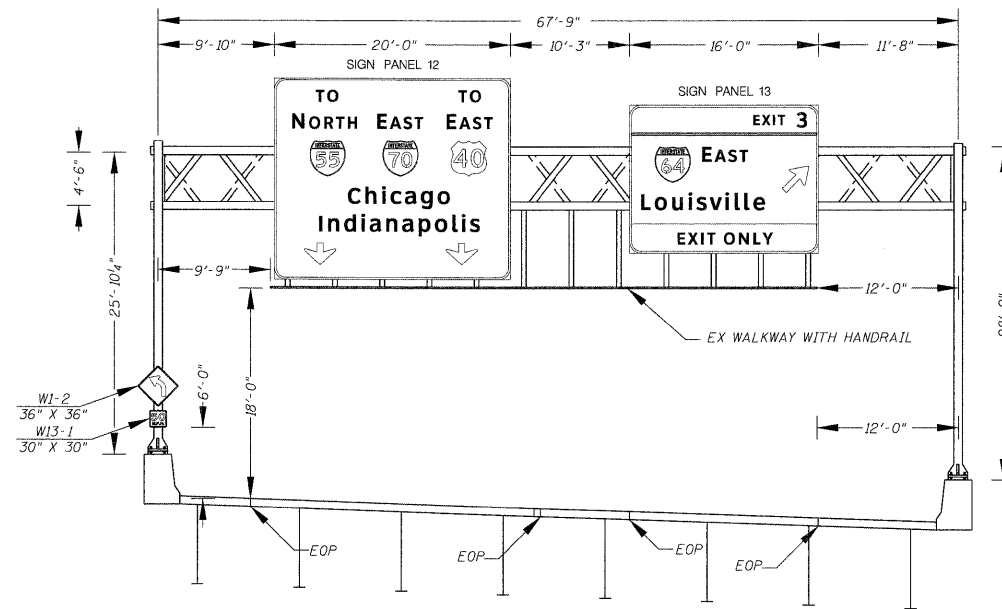
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	B2-15G	ST. CLAIR	145	117
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



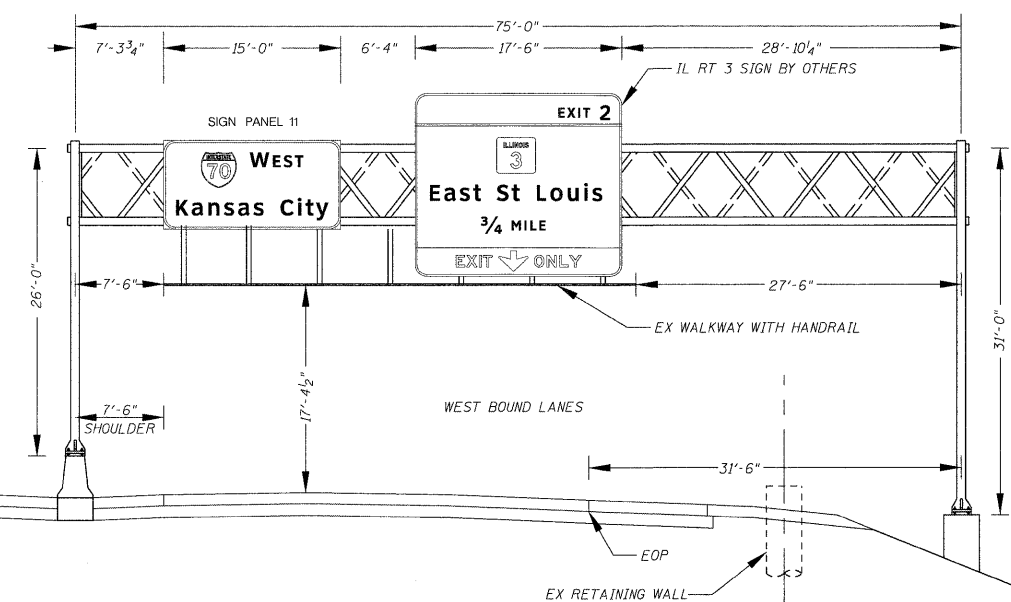
NOTE: THIS DETAIL IS NOT A TRUE CROSS SECTION OF THE ROADWAY BUT IS INTENDED TO SHOW THE PROPOSED PANEL LOCATIONS OVER THE ROADWAY LANES. SIGN PANELS SHOULD BE VERTICALLY CENTERED OVER LANES AND HORIZONTALLY CENTERED ON TRUSS IF POSSIBLE, OTHERWISE MAINTAIN 1.25' FROM BOTTOM OF SIGN PANEL TO WALKWAY.

EXISTING SIGN TRUSS
SB I-55 PAST ALIGNMENT LIMITS
MILE POST MARKER 0.1
STR 8S0821055R000.1

FILE NAME = 08TR1-76C45-sht-xssht-signs.dgn	USER NAME = mmpconachis	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 8,0000' / in.	DRAWN - PMK	REVISED -		•	82-15G	ST. CLAIR	145	118			
	PLOT DATE = 2/2/2012	CHECKED - MPW	REVISED -		*998/70/64	CONTRACT NO. 76C45						
	DATE = 2/2/2012	REVISED -		SCALE: N/A	SHEET NO. 2 OF 18 SHEETS	STA. N/A TO STA. N/A	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					



SN 082-0322
 EXISTING SIGN TRUSS
 70CL STA 57+13.00
 STR 8S0821070R002.5



EXISTING SIGN TRUSS
 70CL STA 195+00.00
 STR 8S0821070R002.3

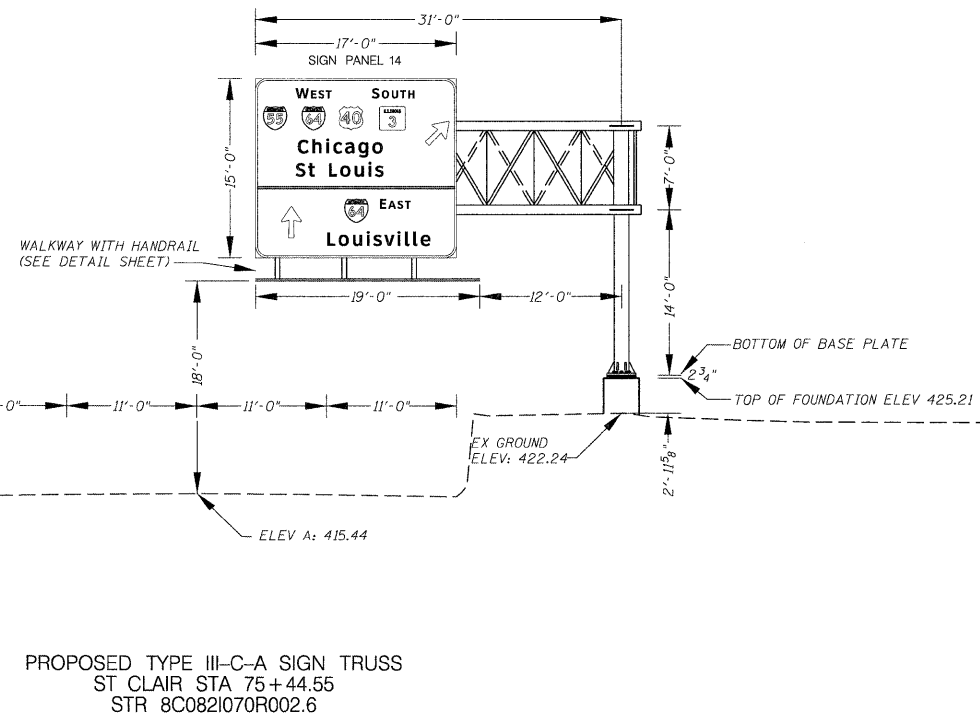
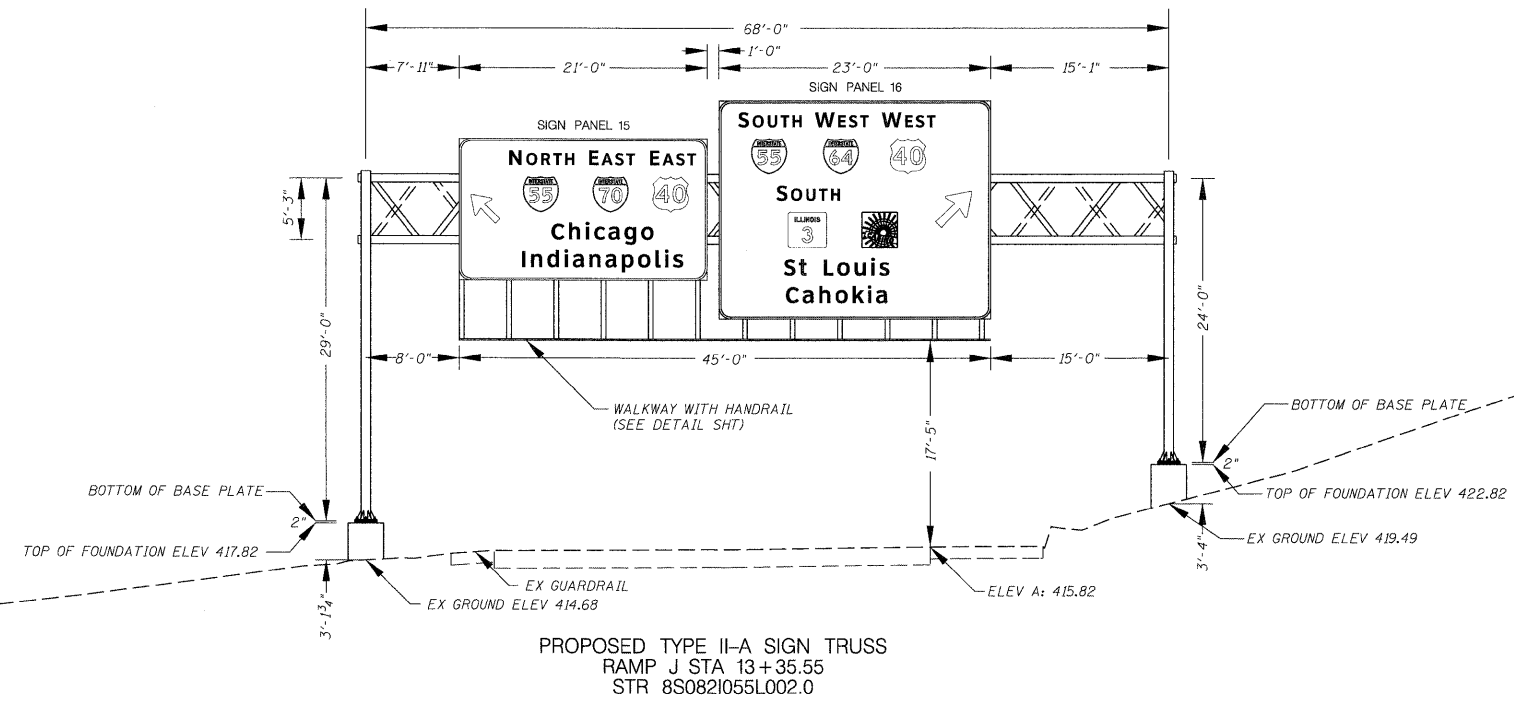
FILE NAME = DBTRI-76C45-sht-xasht-signs.dgn	USER NAME = mmccanache	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURE
 SIGN PANEL PLACEMENT**

SCALE: N/A SHEET NO. 3 OF 18 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-15G	ST. CLAIR	145	119
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



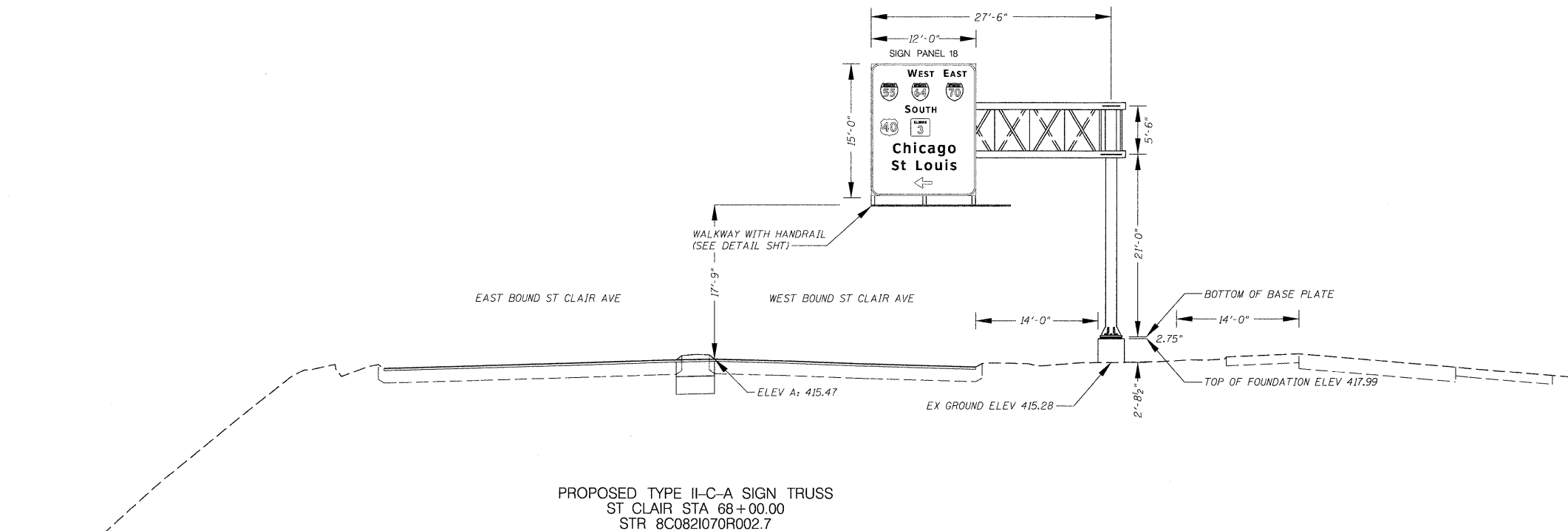
FILE NAME = DBTR1-76C45-shc-xssht-signs.dgn	USER NAME = mmconachia	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

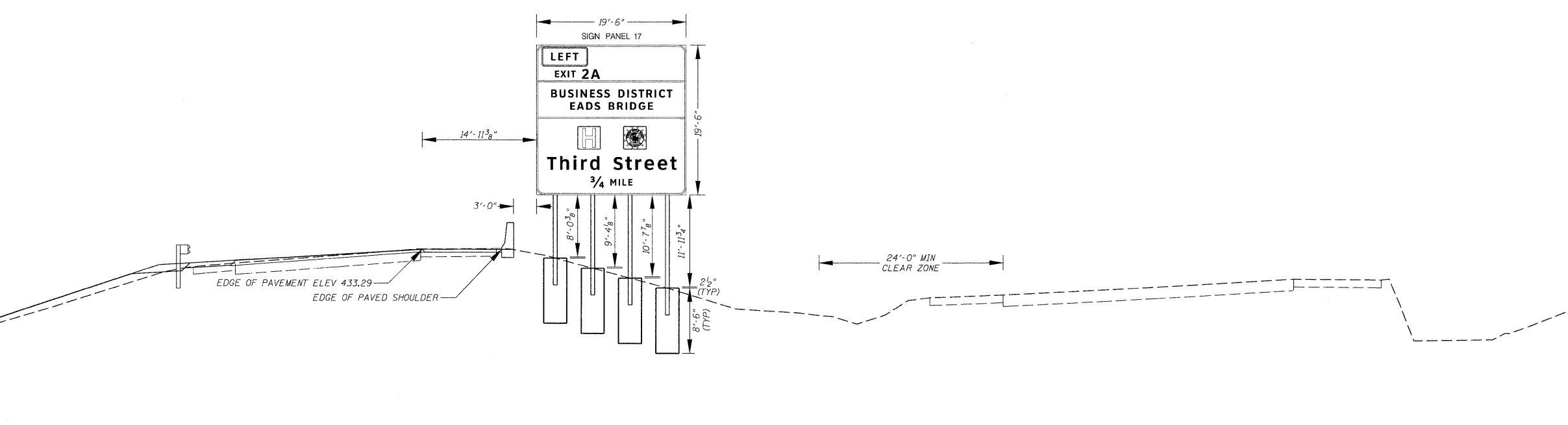
OVERHEAD SIGN STRUCTURE
SIGN PANEL PLACEMENT

SCALE: N/A SHEET NO. 4 OF 18 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	120
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PROPOSED TYPE II-C-A SIGN TRUSS
ST CLAIR STA 68+00.00
STR 8C0821070R002.7



PROPOSED GROUND MOUNTED SIGN PANEL 17
64W55S STA 129+68.36

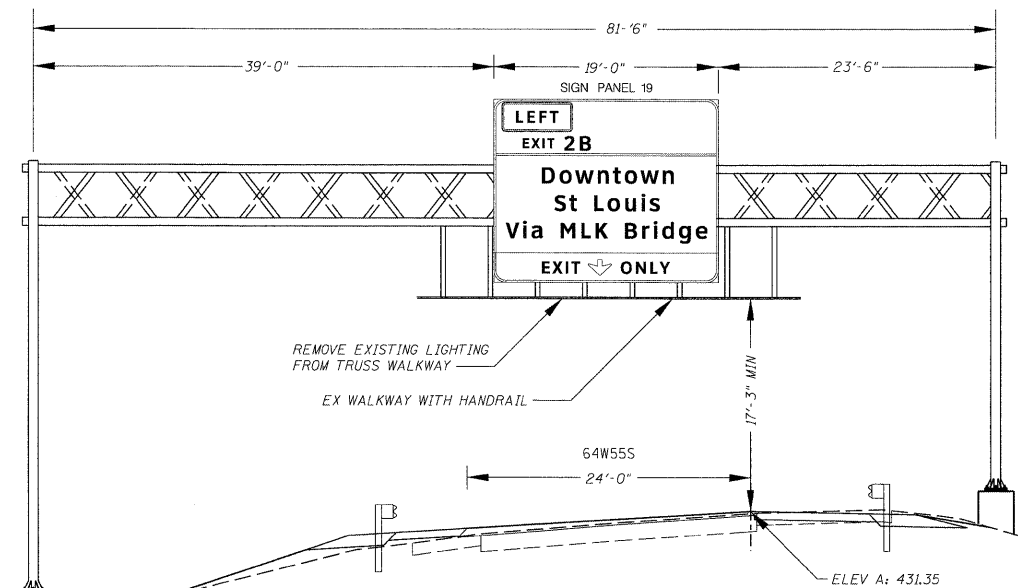
FILE NAME =	USER NAME = mmeconachie	DESIGNED - PMK	REVISED -
DBTRJ-76C45-sht-xssht-signs.dgn		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURE
SIGN PANEL PLACEMENT**

SCALE: N/A SHEET NO. 5 OF 18 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	121
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOTE: THIS DETAIL IS NOT A TRUE CROSS SECTION OF THE EXISTING SIGN TRUSS BUT IS INTENDED TO SHOW THE PROPOSED PANEL LOCATIONS OVER THE ROADWAY LANES

EXISTING SIGN TRUSS
64W55S STA 127+40.00
STR 8S0821064L002.7

FILE NAME = DBTRJ-76C45-sht-xsh-t-signs.dgn

USER NAME = mmconachis
DESIGNED - PMK
DRAWN - PMK
CHECKED - MPW
DATE - 2/2/2012

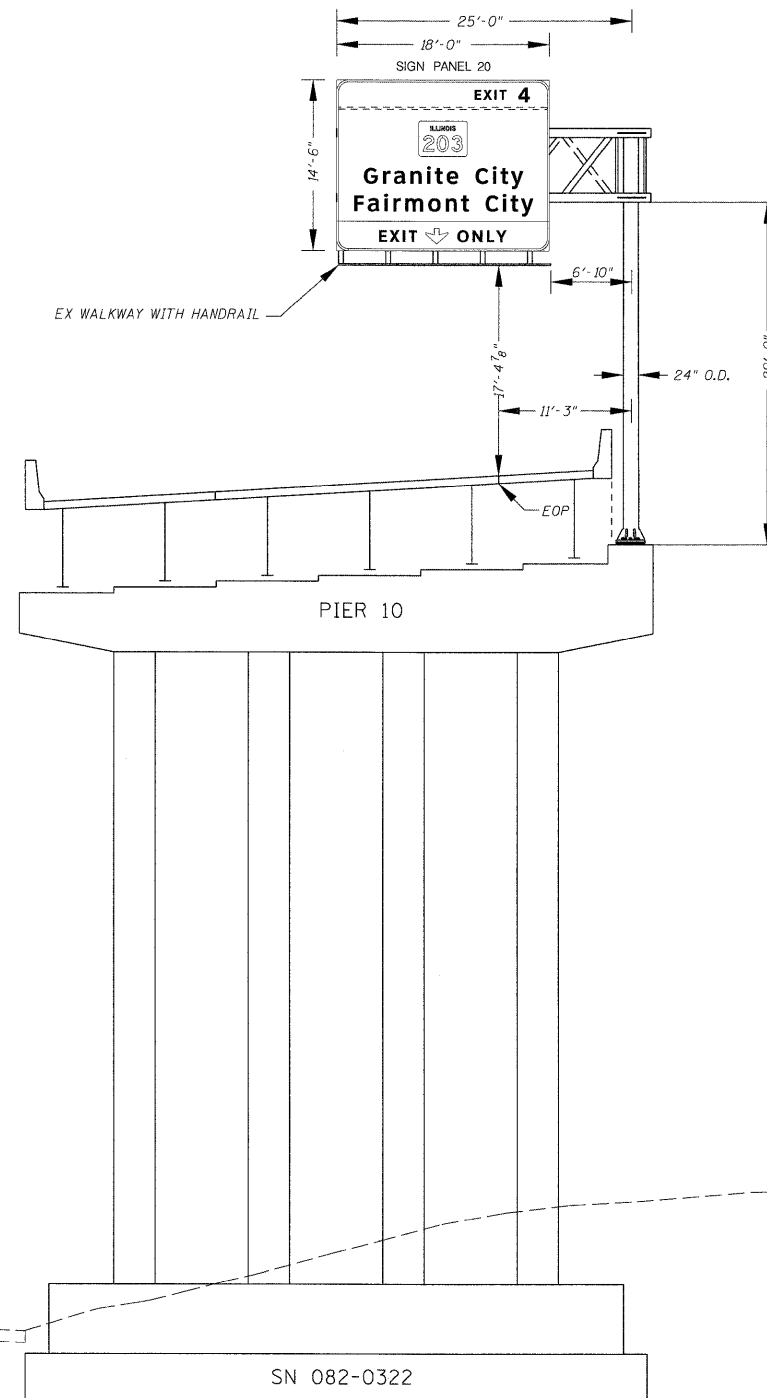
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE
SIGN PANEL PLACEMENT

SCALE: N/A SHEET NO. 6 OF 18 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	122
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING SIGN TRUSS
 70E55N STA 69+42.00
 STR 8C0821070R002.8

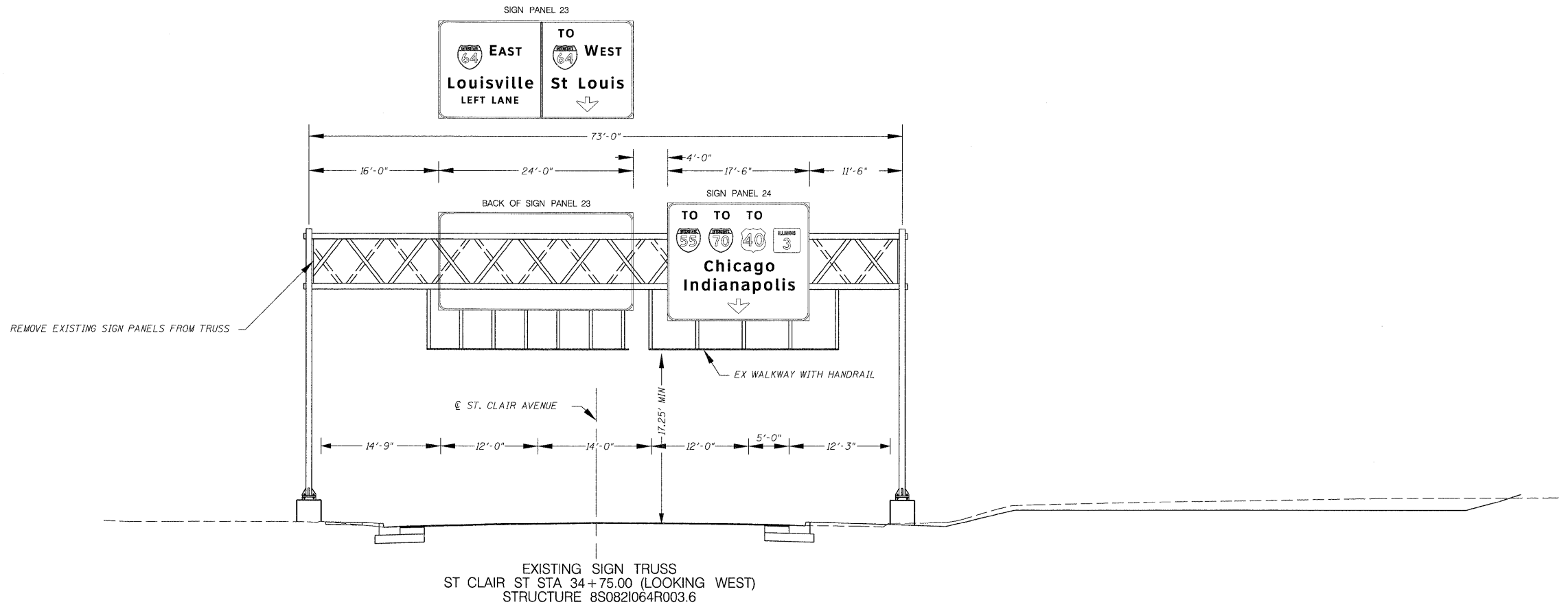
FILE NAME = DBTRI-76C45-shit-xesht-signs.dgn	USER NAME = mmccorachie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: N/A	SHEET NO. 7 OF 18 SHEETS	STA. N/A	TO STA. N/A
------------	--------------------------	----------	-------------

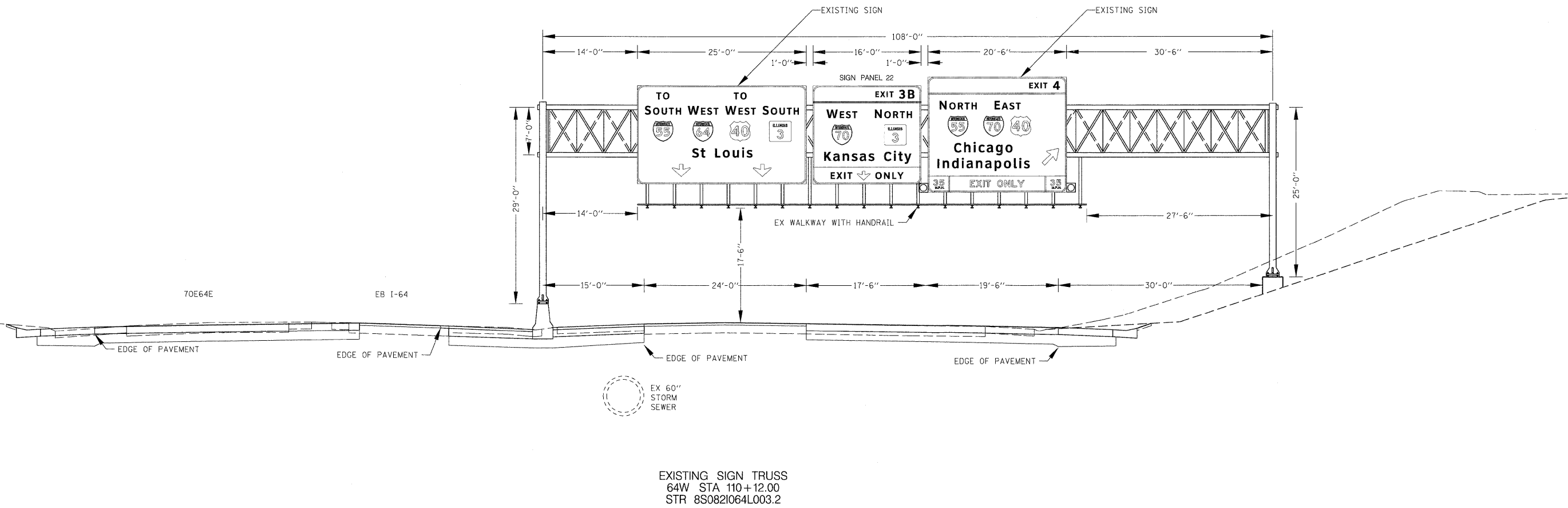
**OVERHEAD SIGN STRUCTURE
 SIGN PANEL PLACEMENT**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	123
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



REMOVE EXISTING SIGN PANELS FROM TRUSS

EXISTING SIGN TRUSS
ST CLAIR ST STA 34+75.00 (LOOKING WEST)
STRUCTURE 8S0821064R003.6



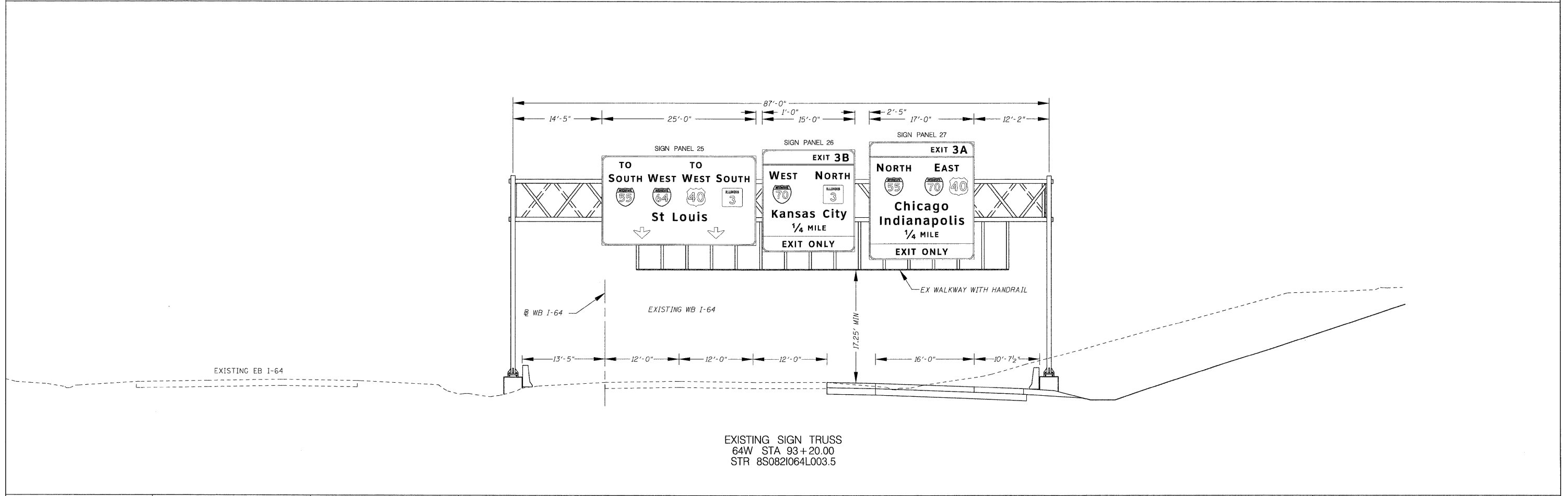
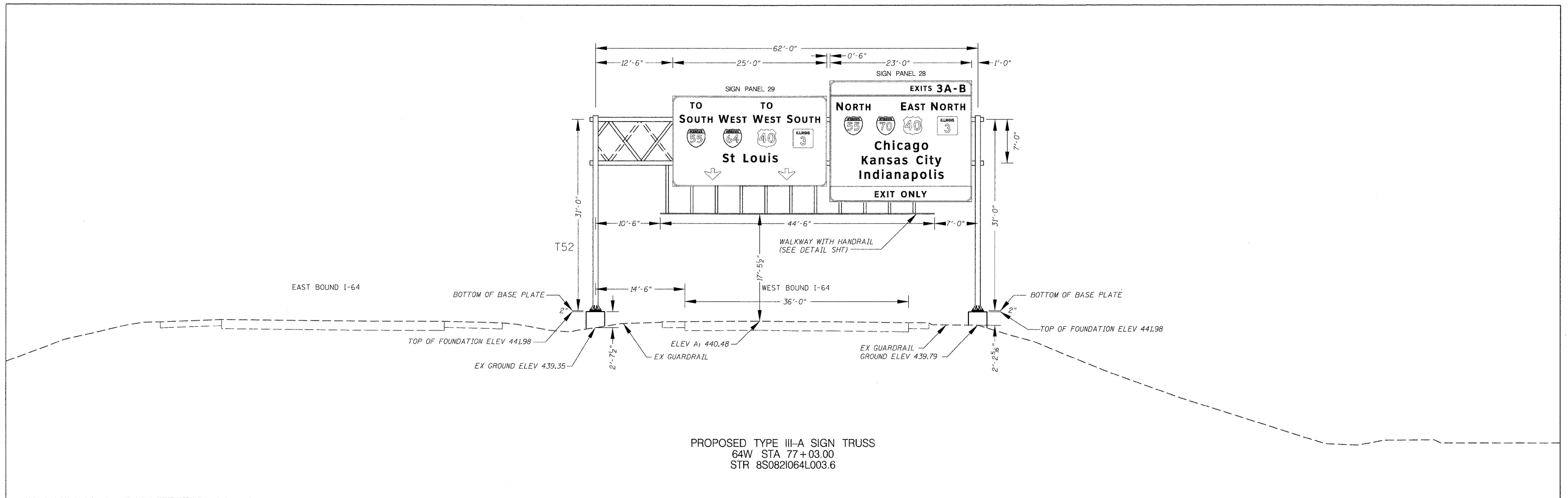
EXISTING SIGN TRUSS
64W STA 110+12.00
STR 8S0821064L003.2

FILE NAME = DBTR1-76C45-sht-xssht-signs.dgn	USER NAME = mmccoonachis	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
		CHECKED - MPW	REVISED -
		DATE - 2/2/2012	REVISED -

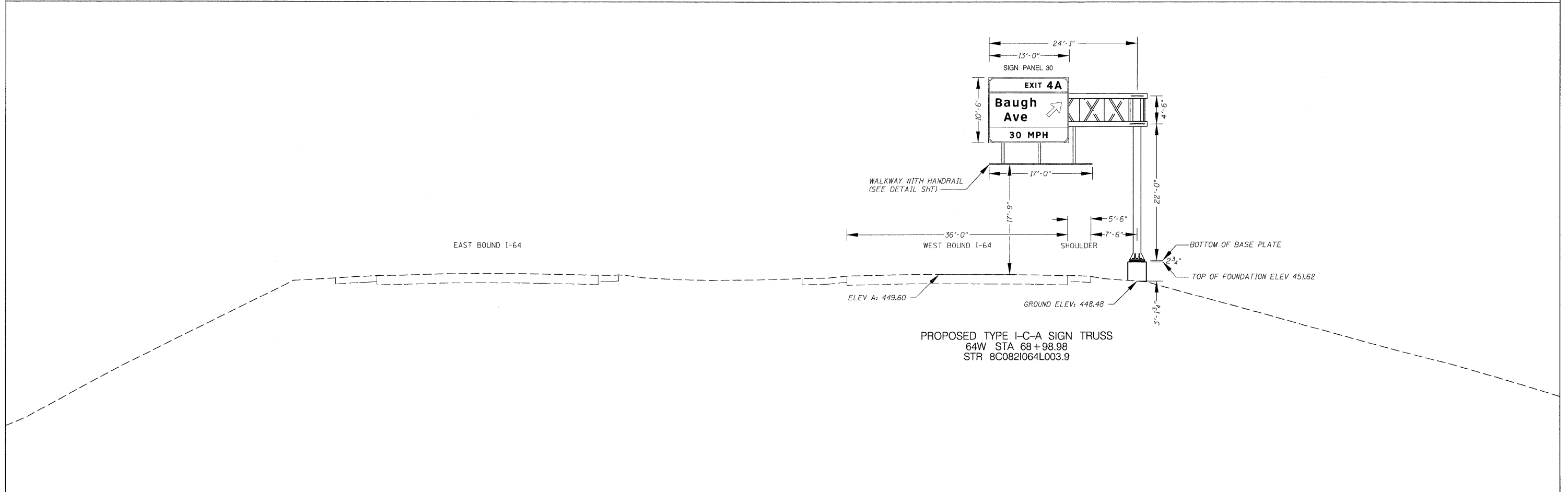
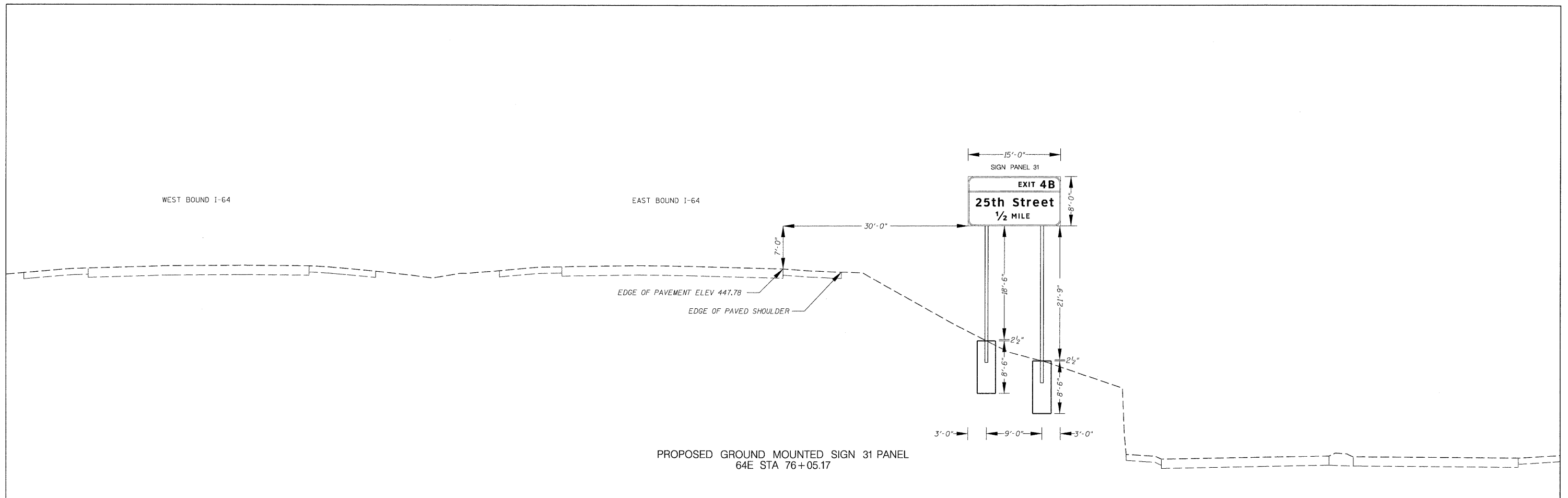
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			
SCALE: N/A	SHEET NO. 8 OF 18 SHEETS	STA. N/A TO STA. N/A	

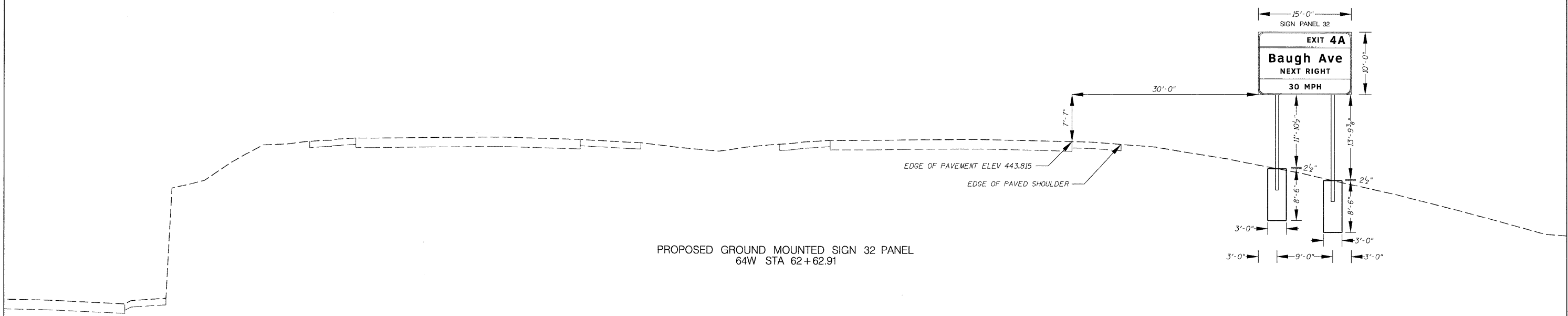
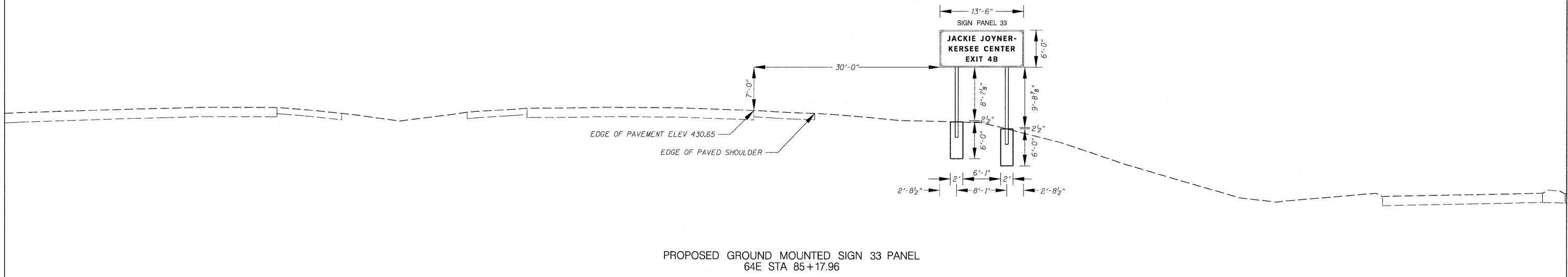
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	124
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



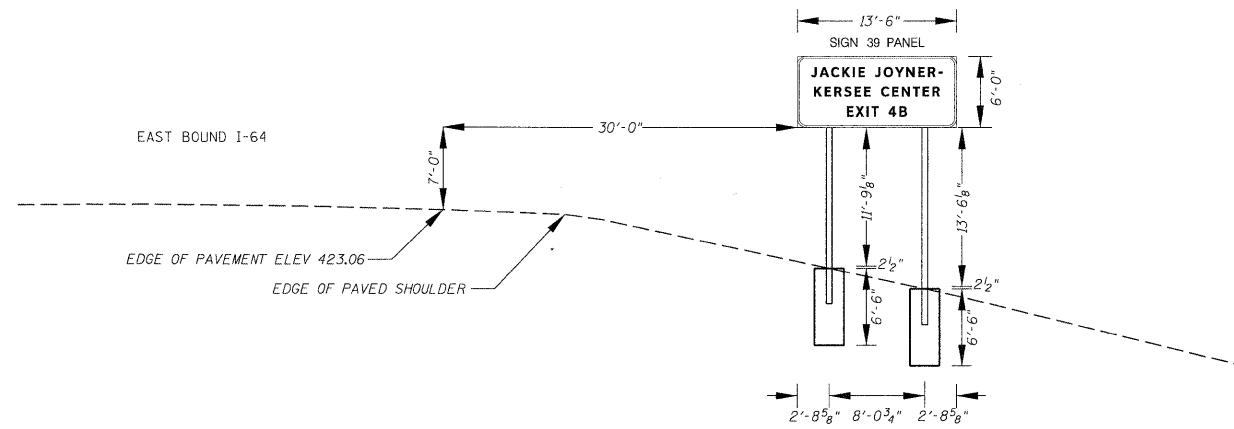
FILE NAME = DBTRI-76C45-sht-xssht-signs.dgn	USER NAME = mmcconechie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PMK	REVISED -		SCALE: N/A	SHEET NO. 9 OF 18 SHEETS	STA. N/A TO STA. N/A	82-1SG	ST. CLAIR	145	125	
		CHECKED - MPW	REVISED -					*998/70/64				CONTRACT NO. 76C45
		DATE - 2/2/2012	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



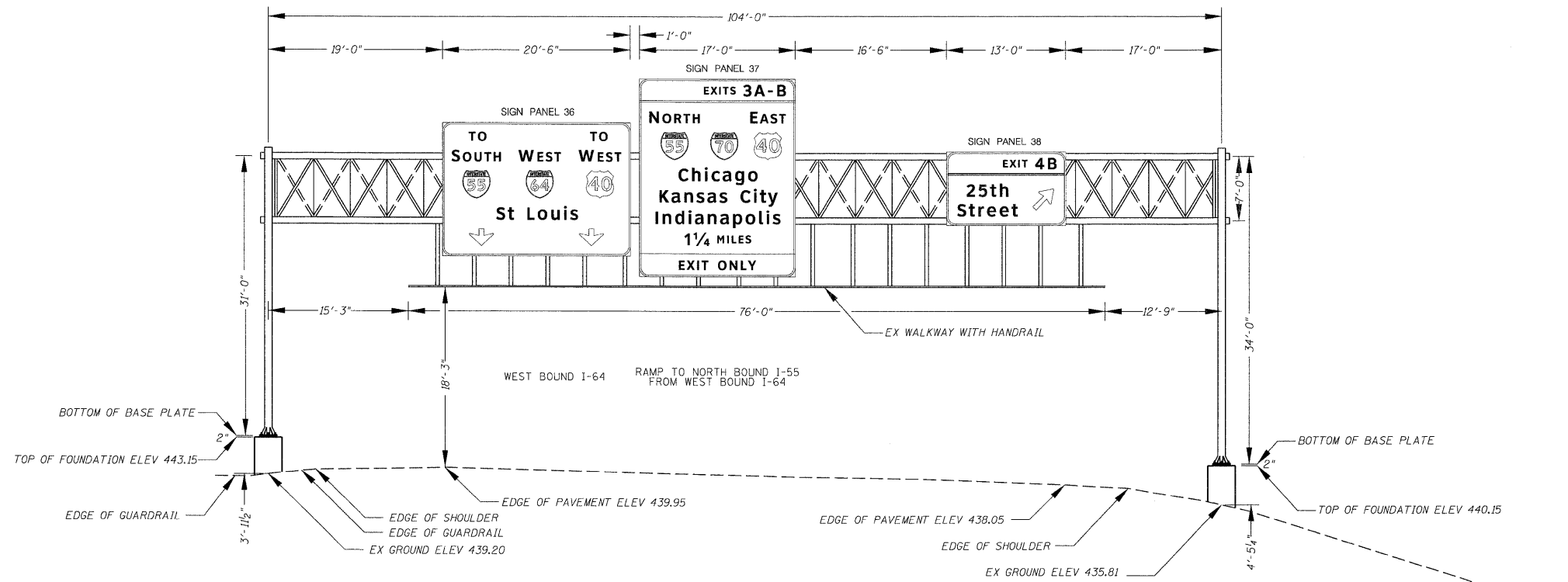
FILE NAME = D8TRI-76C45-sht-xasht-signs.dgn	USER NAME = mmccorachie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PMK	REVISED -		SCALE: N/A	SHEET NO. 10 OF 18 SHEETS	STA. N/A TO STA. N/A	82-1SG	ST. CLAIR	145	126	
		CHECKED - MPW	REVISED -					*998/70/64				
		DATE - 2/2/2012	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C45



FILE NAME = DATRI-76C45-aht-xssht-signs.dgn	USER NAME = mmconachie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PMK	REVISED -		SCALE: N/A	SHEET NO. 11 OF 18 SHEETS	STA. N/A TO STA. N/A	82-1SG	ST. CLAIR	145	127	
		CHECKED - MPW	REVISED -					*998/70/64	CONTRACT NO. 76C45			
		DATE - 2/2/2012	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



PROPOSED GROUND MOUNTED SIGN PANEL 39
 LOCATION: N 14,037,520.80 E 2,465,093.74



PROPOSED TYPE III-A SIGN TRUSS
 LOCATION: N 14,037,778.45 E 2,462,803.98
 STR 8S0821064L004.4

FILE NAME =	DBTRI-76C45-aht-xsh-t-signs.dgn
USER NAME =	mmccorachie
DESIGNED -	PMK
DRAWN -	PMK
CHECKED -	MPW
DATE -	2/2/2012

DESIGNED -	PMK	REVISED -	
DRAWN -	PMK	REVISED -	
CHECKED -	MPW	REVISED -	
DATE -	2/2/2012	REVISED -	

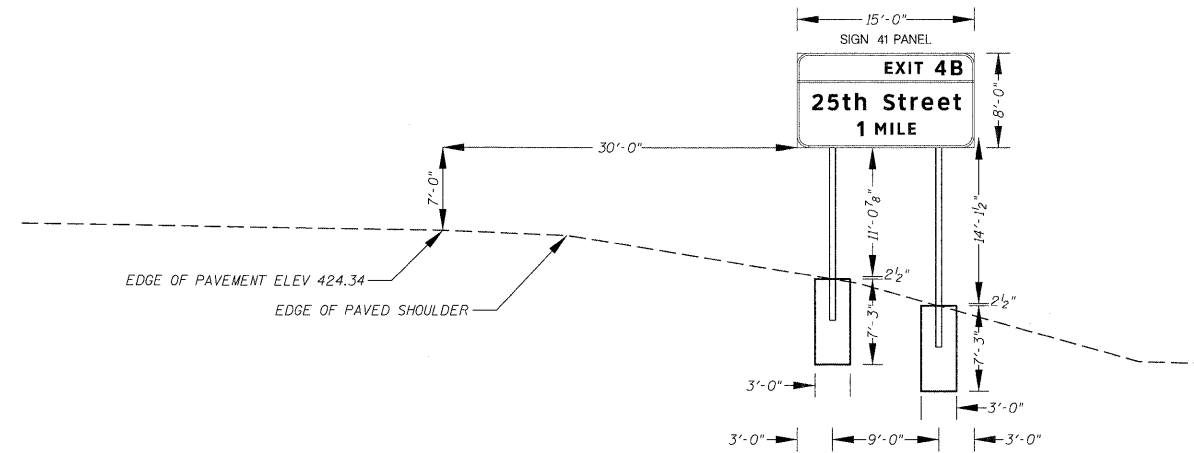
DESIGNED -	PMK	REVISED -	
DRAWN -	PMK	REVISED -	
CHECKED -	MPW	REVISED -	
DATE -	2/2/2012	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

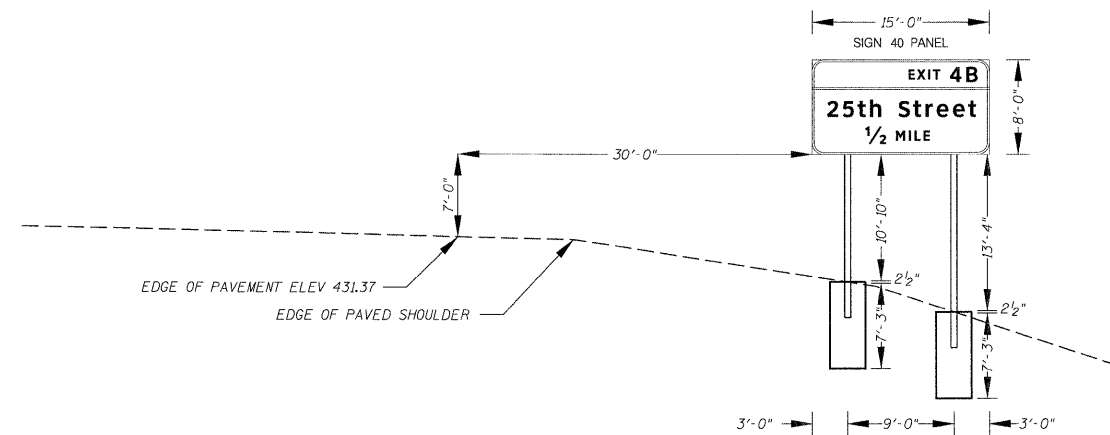
**OVERHEAD SIGN STRUCTURE
 SIGN PANEL PLACEMENT**

SCALE: N/A SHEET NO. 13 OF 18 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1SG	ST. CLAIR	145	129
•998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

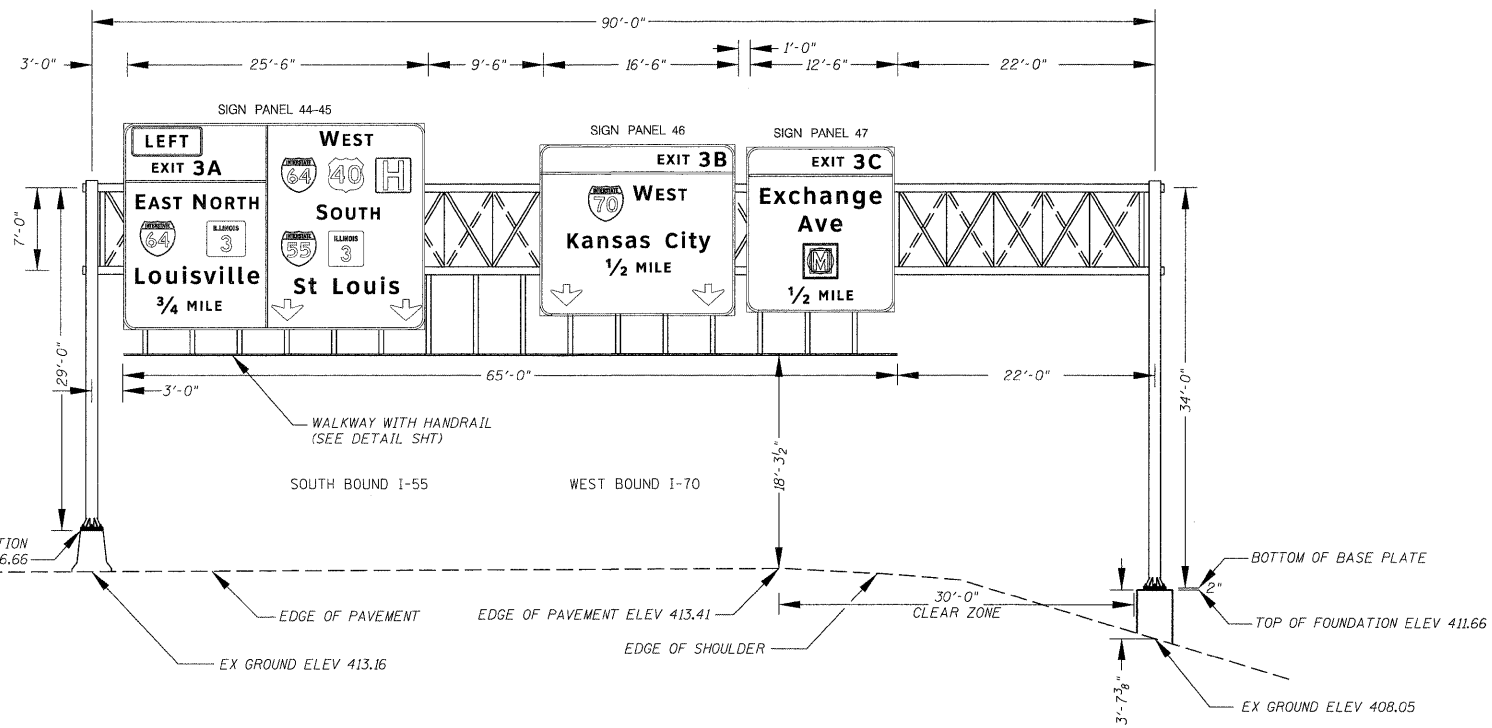


PROPOSED GROUND MOUNTED SIGN PANEL 41
 LOCATION: N 14,037,440.55 E 2,468,175.25

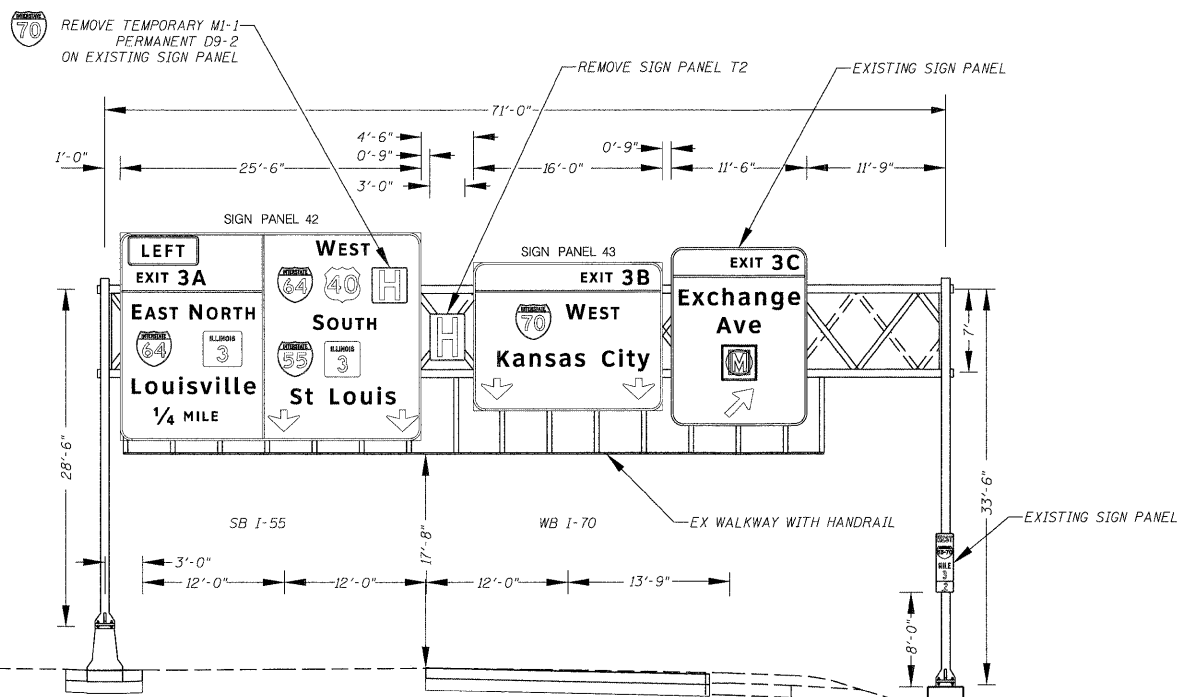


PROPOSED GROUND MOUNTED SIGN PANEL 40
 LOCATION: N 14,037,421.40 E 2,465,611.57

FILE NAME = DBTRI-76C45-sht-xsh-t-signs.dgn	USER NAME = mmconachie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PMK	REVISED -		SCALE: N/A	SHEET NO. 14 OF 18 SHEETS	STA. N/A TO STA. N/A	82-1SG	ST. CLAIR	145	130	
		CHECKED - MPW	REVISED -					*998/70/64	CONTRACT NO. 76C45			
		DATE - 2/2/2012	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

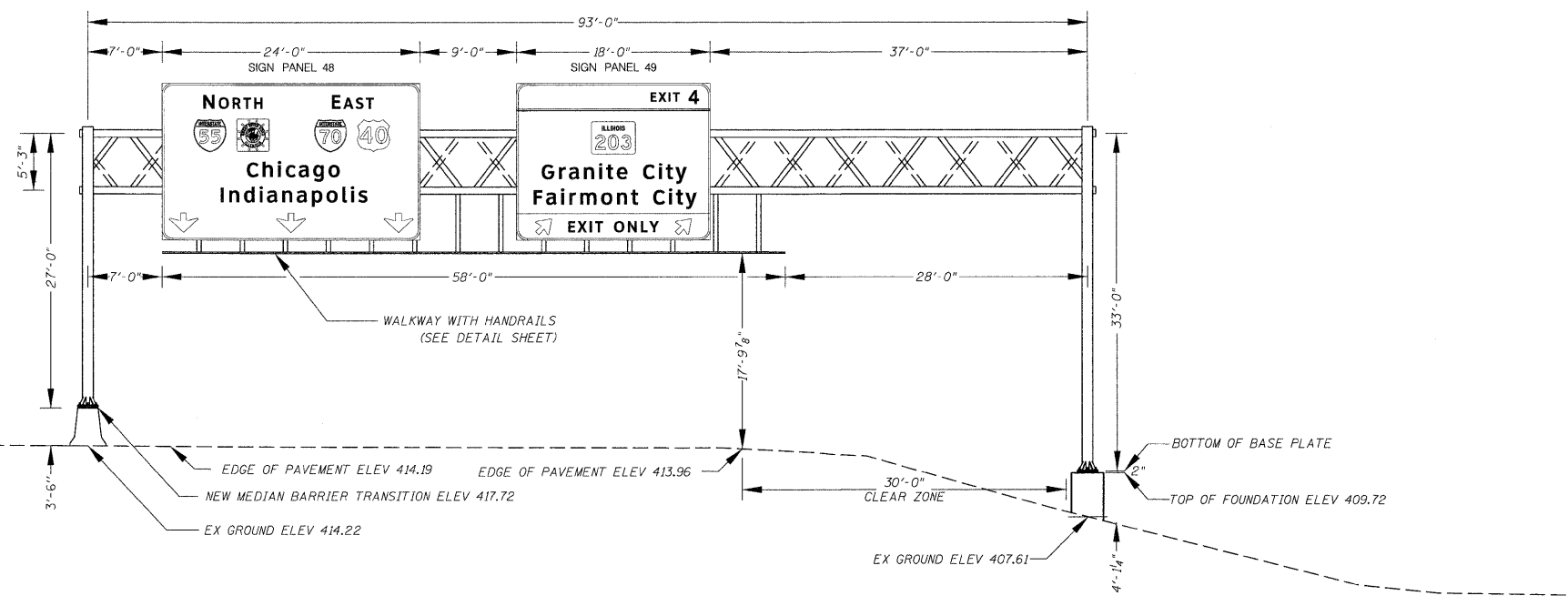


PROPOSED TYPE III-A SIGN TRUSS
 LOCATION: N 14,044,576.57 E 2,458,845.72
 STR 8S0821055L003.6



EXISTING SIGN TRUSS
 55S STA 68+75.00
 STR 8S0821055L003.3

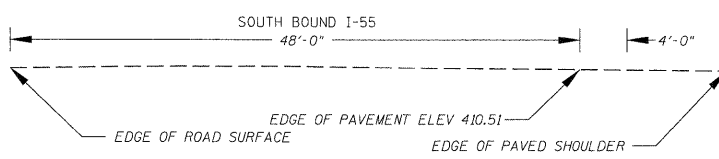
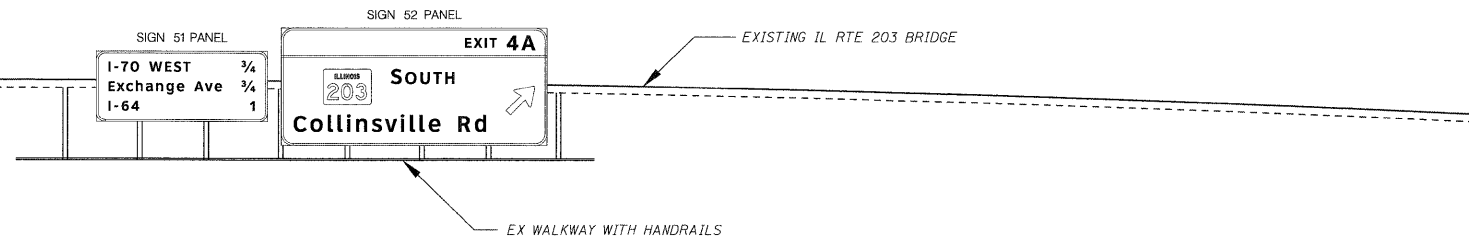
FILE NAME = D8TRJ-76C45-sht-xssht-signs.dgn	USER NAME = mmccornachie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			F.A.I. RTE. =	SECTION = 82-1SG	COUNTY = ST. CLAIR	TOTAL SHEETS = 145	SHEET NO. = 131
	PLLOT SCALE = 8.0000' / 1in.	DRAWN - PMK	REVISED -		SCALE: N/A	SHEET NO. 15 OF 18 SHEETS	STA. N/A TO STA. N/A	*998/70/64		CONTRACT NO. 76C45		
	PLLOT DATE = 2/2/2012	CHECKED - MPW	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
		DATE = 2/2/2012	REVISED -									



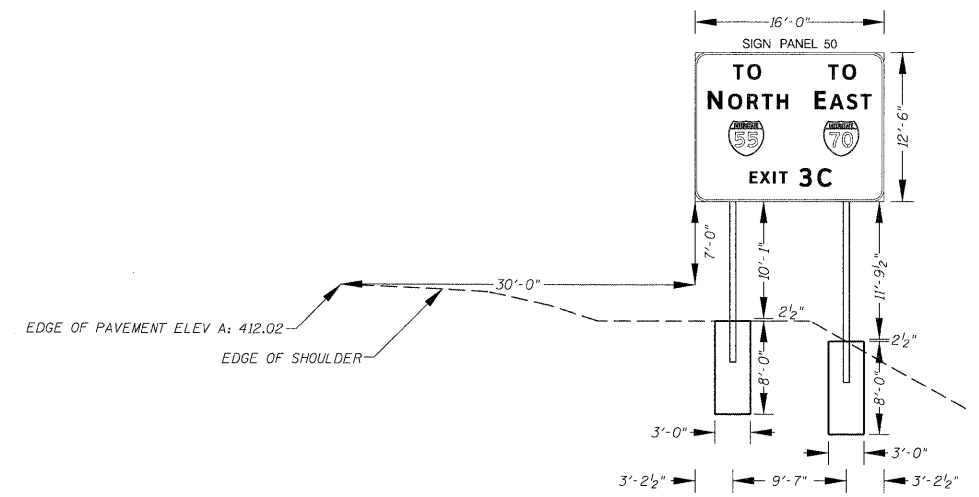
PROPOSED TYPE II-A SIGN TRUSS
 LOCATION: N 14,044,532.24 E 2,458,888.45
 STR 8S0821055R003.6

FILE NAME = DBTRI-76C45-aht-xssht-signs.dgn	USER NAME = mmccorachie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 8,0000' / in.	DRAWN - PMK	REVISED -					•	82-1SG	ST. CLAIR	145	132
	PLOT DATE = 2/2/2012	CHECKED - MPW	REVISED -					*998/70/64	CONTRACT NO. 76C45			
	DATE - 2/2/2012	REVISOR -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

SCALE: N/A SHEET NO. 16 OF 18 SHEETS STA. N/A TO STA. N/A

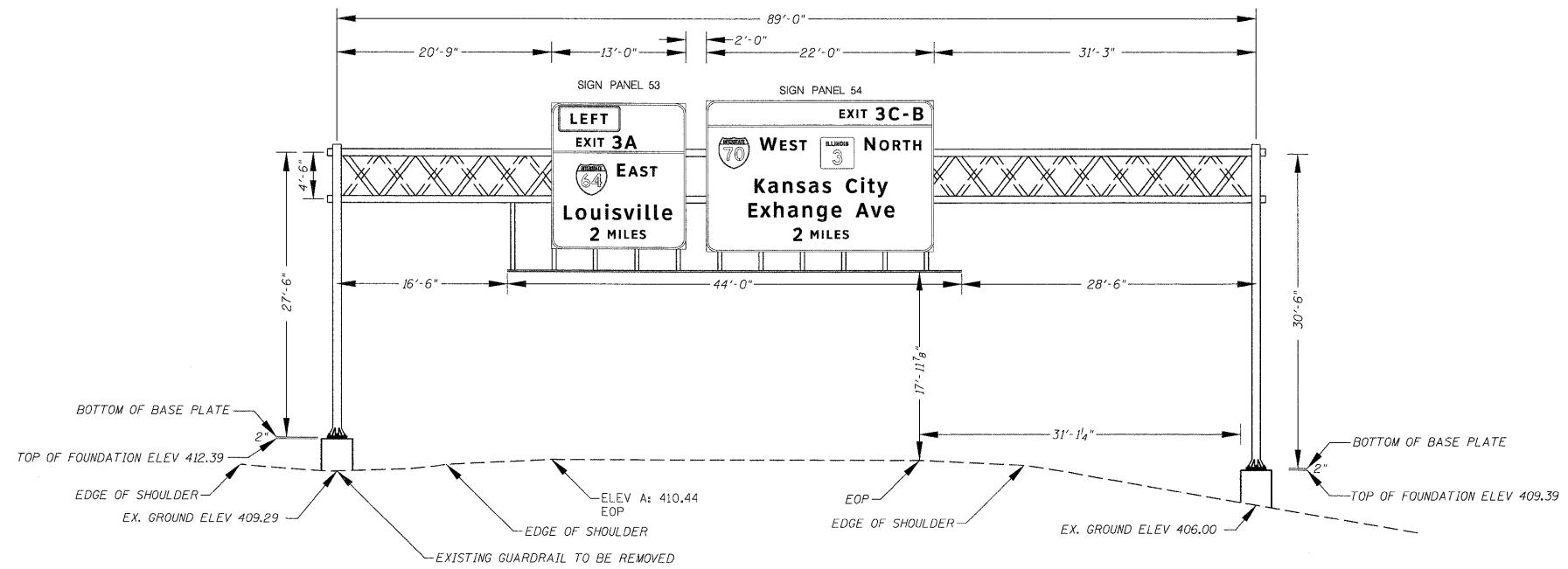


EXISTING SIGN TRUSS
 LOCATION: N 14,046,370.31 E 2,460,330.65
 STR 8B0821055L004.0



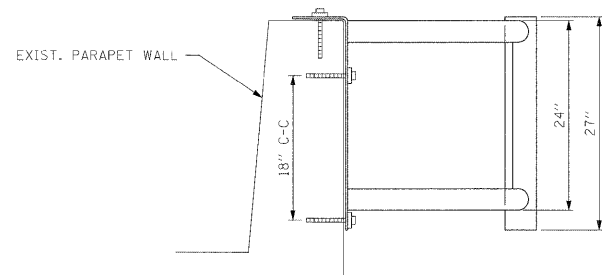
PROPOSED GROUND MOUNTED SIGN PANEL 50
 LOCATION: N 14,045,075.08 E 2,459,065.03

FILE NAME = DBTRI-76C45-sht-xssht-signs.dgn	USER NAME = mmcconechie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT			F.A.I. RTE. =	SECTION = 82-1SG	COUNTY = ST. CLAIR	TOTAL SHEETS = 145	SHEET NO. = 133
	PLOT SCALE = 8.0000' / 1in.	DRAWN - PMK	REVISED -					*998/70/64	CONTRACT NO. 76C45			
	PLOT DATE = 2/2/2012	CHECKED - MPW	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

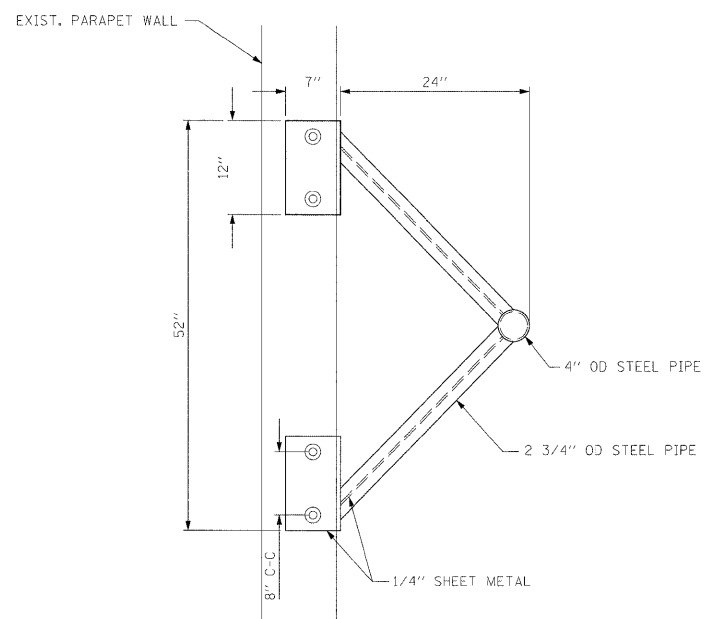


PROPOSED TYPE I-A SIGN TRUSS
 LOCATION: N 14,049,967.71 E 2,464,175.21
 STR 8S0821055L005.0

FILE NAME = DBTRI-76C45-sht-xsh-t-signs.dgn	USER NAME = mmcoconache	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURE SIGN PANEL PLACEMENT		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLDT SCALE = 8,0000' / in.	DRAWN - PMK	REVISED -				82-1SG	ST. CLAIR	145	134	
	PLDT DATE = 2/2/2012	CHECKED - MPW	REVISED -				+998/70/64	CONTRACT NO. 76C45			
	DATE = 2/2/2012	REVISED -		SCALE: N/A	SHEET NO. 18 OF 18 SHEETS	STA. N/A TO STA. N/A	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

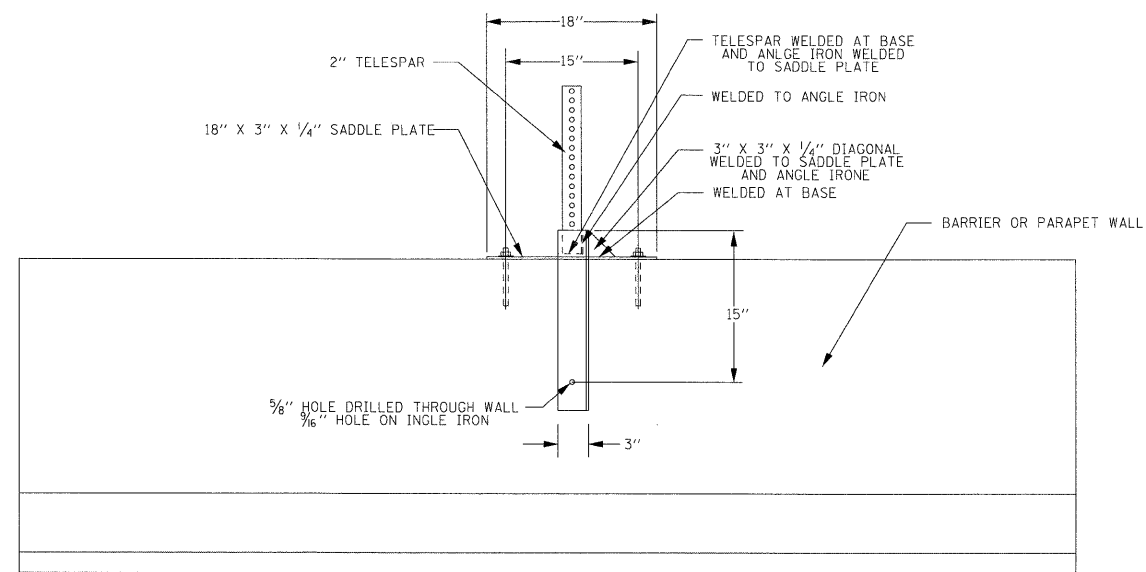


ELEVATION

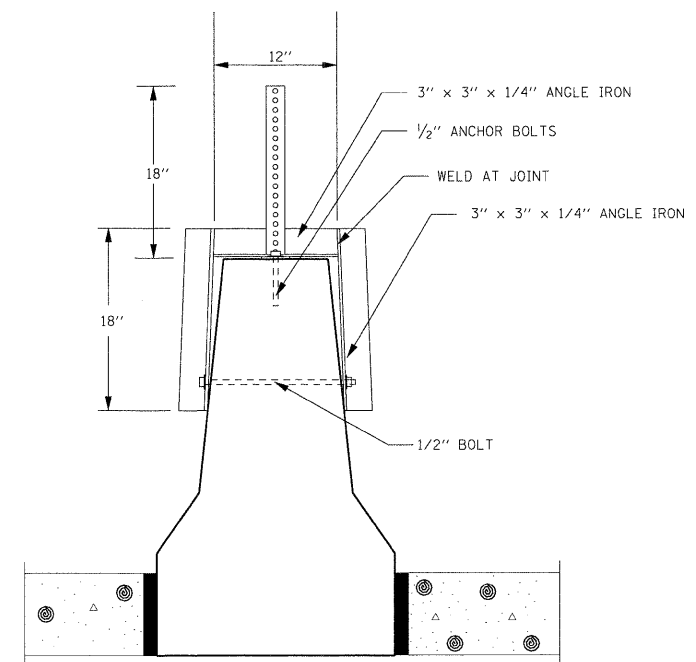


PLAN

FILE NAME = 08TRI-76C45-sht-details.dgn	USER NAME = mmcconachie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BRIDGE MOUNTED SIGN SUPPORT	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / 1"	DRAWN - PMK	REVISED -			82-1SG	ST. CLAIR	145	135	
	PLOT DATE = 2/2/2012	CHECKED - MPW	REVISED -			*998/70/64	CONTRACT NO. 76C45			
	DATE - 2/2/2012	REVISD -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
SCALE: N/A		SHEET NO. 1 OF 3 SHEETS		STA. N/A TO STA. N/A						

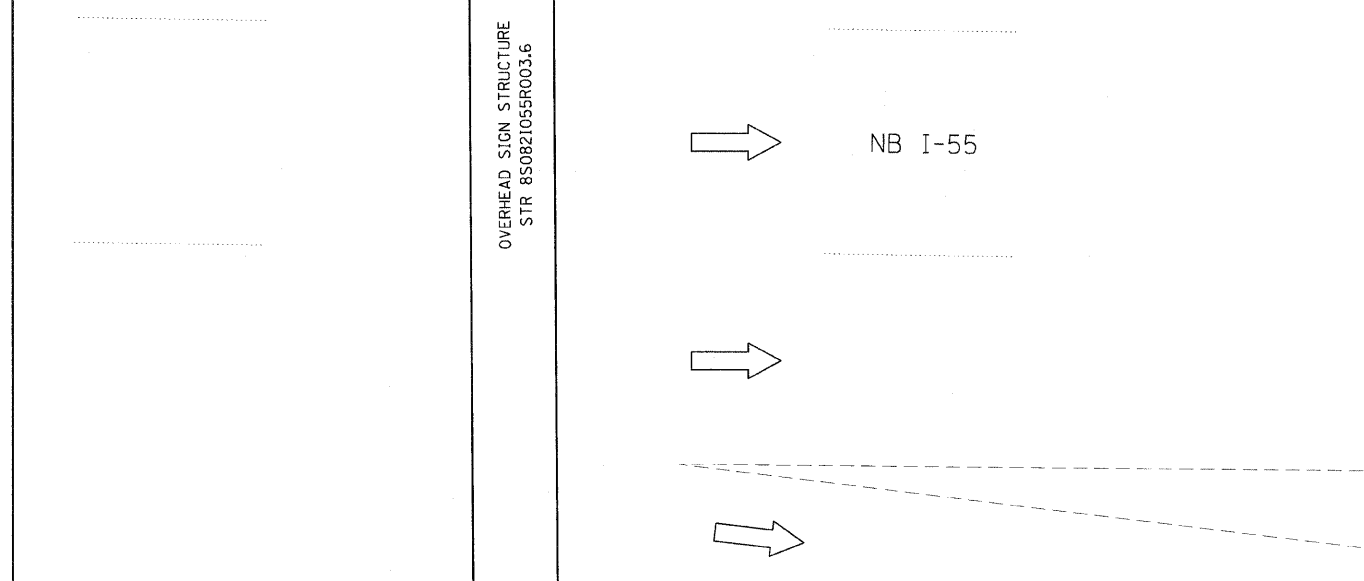
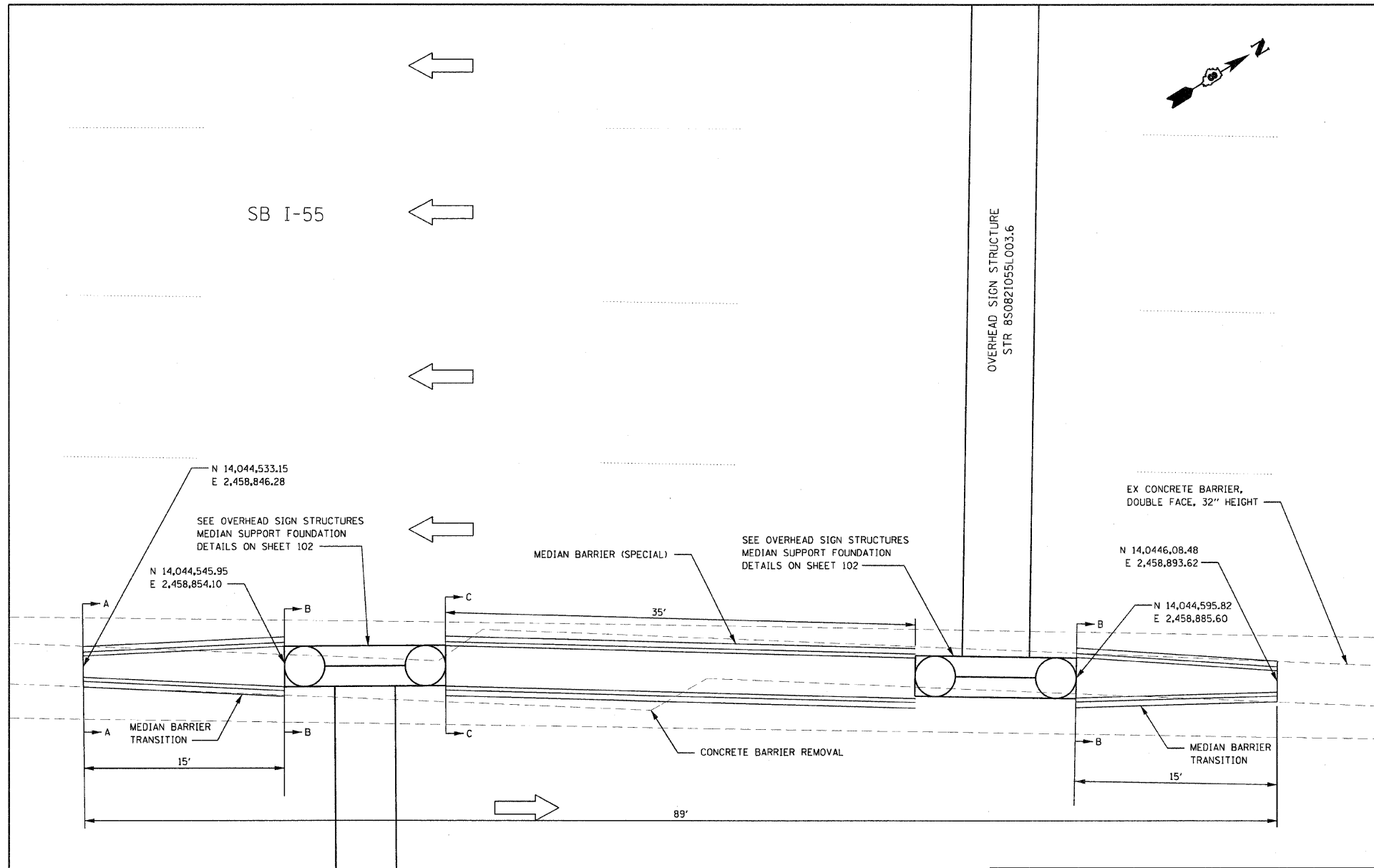


ELEVATION

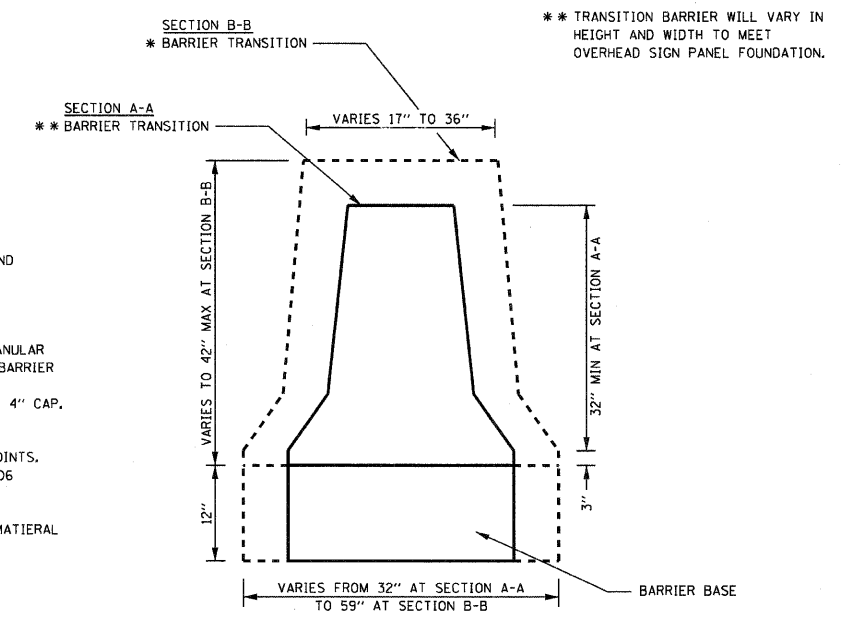


END VIEW

FILE NAME = DBTRJ-76C45-sht-details.dgn	USER NAME = mmccoonachie	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WALL MOUNTED SIGN BASE DETAIL FOR TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000' / 1" =	DRAWN - PMK	REVISED -			82-1SG	ST. CLAIR	145	136	
	PLOT DATE = 2/2/2012	CHECKED - MPW	REVISED -			*998/70/64	CONTRACT NO. 76C45			
	DATE - 2/2/2012	REVISED -		SCALE: N/A	SHEET NO. 2 OF 3 SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



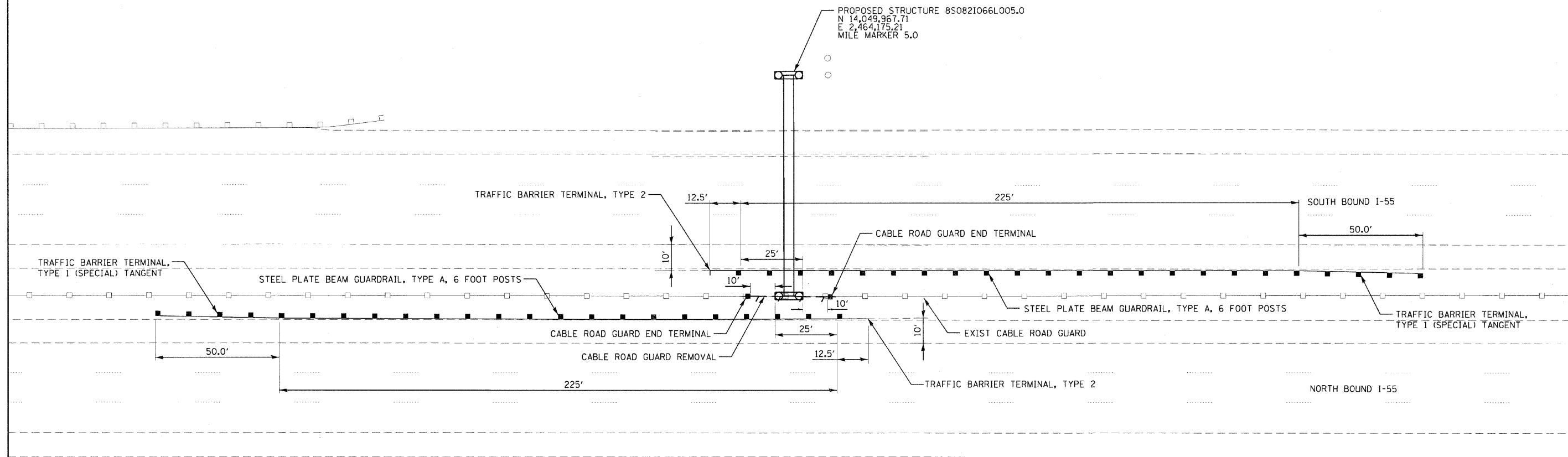
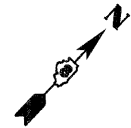
SECTION C-C
CONCRETE BARRIER WALL (SPECIAL)
SCALE: NONE



CONCRETE BARRIER TRANSITION
SCALE: NONE

- GENERAL NOTES**
- NO STATIONING WAS PROVIDED AT THIS LOCATION, THEREFORE NORTHING AND EASTING WAS USED.
 - CONTRACTOR OPTIONS FOR FILL BETWEEN BARRIER WALLS (WHEN NEEDED):
 - PLACE 4" CLASS SI CONCRETE.
 - PLACE 12" OF GRANULAR MATERIAL AT BASE BETWEEN WALLS. GRANULAR MATERIAL SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE SPECIFIED TYPE.
 - PLACE POROUS GRANULAR EMBANKMENT FROM BASE TO BOTTOM OF 4" CAP. FORMING MATERIAL FOR 4" CAP MAY REMAIN IN PLACE.
 - REINFORCING STEEL SHALL EXTEND CONTINUOUS THROUGH CONSTRUCTION JOINTS. AT JOINTS WITH EXISTING BARRIER WALL TO REMAIN, SEE STANDARD 637006 FOR JOINT DETAILS.
 - EXPANSION JOINTS SHOWN ON THIS DRAWING SHALL BE PREFORMED JOINT MATERIAL (BITUMINOUS TYPE) FILLER SHALL MEET AASHTO DESIGNATION M-33.
 - ALL REINFORCING STEEL SHALL BE GRADE 40 OR GRADE 60 MEETING THE REQUIREMENTS OF AASHTO M31 OR ASTM A615.
 - ALL WORK DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONCRETE BARRIER PAY ITEMS.
 - PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER TRANSITION & CONCRETE BARRIER.
 - JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDAR SPECIFICATIONS.

FILE NAME - DBTR1-76C45-shtr-details.dgn	USER NAME - mmccanachi	DESIGNED - PMK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MEDIAN BARRIER TRANSITION DETAIL		F.A.I. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - PMK	REVISED -		SCALE: N/A	SHEET NO. 3 OF 3 SHEETS	STA. N/A	82-15G	ST. CLAIR	145	137
		CHECKED - MPW	REVISED -					*998/70/64	CONTRACT NO. 76C45		
		DATE - 3/2/2012	REVISED -					FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



FILE NAME = DBTRI-76C45-shd-detals-guardrail.dgn	USER NAME = mmaconahie	DESIGNED - PMK	REVISED -
		DRAWN - PMK	REVISED -
	PLOT SCALE = 40,0000 1/1 in.	CHECKED - MPW	REVISED -
	PLOT DATE = 3/2/2012	DATE - 3/2/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL PLACEMENT AND
CABLE ROAD GUARD REMOVAL**

SCALE: 1" = 20' SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 998/70/64	82-15G	ST. CLAIR	145	138
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C45	



SOIL BORING LOG

ROUTE FAI 64 DESCRIPTION Trilevel Interchange LOGGED BY BEC

SECTION 081-5HB LOCATION , SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger and Mud Rotary HAMMER TYPE Automatic Hammer

STRUCT. NO. 8C0821070R002.7
Station ST. CLAIR STA 68+00

BORING NO. B-15
Station
Offset
Ground Surface Elev. 413.50 ft (ft)/(6") (tsf) (%)

Soil Description	Depth (ft)	Blow Count (N)	Failure Mode	Soil Description	Depth (ft)	Blow Count (N)	Failure Mode
Loose, brown, SANDY LOAM	0 - 1			Medium dense, brown, SANDY LOAM	393.00 - 394	1	
	1 - 2	*	18		394 - 395	2	14
	2 - 4				395 - 396	2	
Medium stiff, brown, SANDY CLAY LOAM	410.50 - 411			No Recovery	390.00 - 391	5	
	11 - 12	*	17		391 - 392	4	
	12 - 13				392 - 393	4	
Soft to medium stiff, brown, SANDY LOAM	408.00 - 409			Very loose, brown, SANDY LOAM with seams of highly plastic clay and brick/concrete fragments	388.50 - 389		
	13 - 14	*	19		389 - 390	1	19
	14 - 15				390 - 391	1	
	15 - 16				391 - 392	2	
	16 - 17				392 - 393	0	
	17 - 18	*	18		393 - 394	0	
	18 - 19				394 - 395	0	
Bottom of Pier 2 Elev. 401.5	-10				395 - 396	0	
	19 - 20				396 - 397	0	
	20 - 21				397 - 398	0	
	21 - 22				398 - 399	0	
	22 - 23				399 - 400	0	
	23 - 24				400 - 401	0	
	24 - 25				401 - 402	0	
	25 - 26				402 - 403	0	
	26 - 27				403 - 404	0	
	27 - 28				404 - 405	0	
	28 - 29				405 - 406	0	
	29 - 30				406 - 407	0	
	30 - 31				407 - 408	0	
	31 - 32				408 - 409	0	
	32 - 33				409 - 410	0	
	33 - 34				410 - 411	0	
	34 - 35				411 - 412	0	
	35 - 36				412 - 413	0	
	36 - 37				413 - 414	0	
	37 - 38				414 - 415	0	
	38 - 39				415 - 416	0	
	39 - 40				416 - 417	0	
	40 - 41				417 - 418	0	
	41 - 42				418 - 419	0	
	42 - 43				419 - 420	0	
	43 - 44				420 - 421	0	
	44 - 45				421 - 422	0	
	45 - 46				422 - 423	0	
	46 - 47				423 - 424	0	
	47 - 48				424 - 425	0	
	48 - 49				425 - 426	0	
	49 - 50				426 - 427	0	
	50 - 51				427 - 428	0	
	51 - 52				428 - 429	0	
	52 - 53				429 - 430	0	
	53 - 54				430 - 431	0	
	54 - 55				431 - 432	0	
	55 - 56				432 - 433	0	
	56 - 57				433 - 434	0	
	57 - 58				434 - 435	0	
	58 - 59				435 - 436	0	
	59 - 60				436 - 437	0	
	60 - 61				437 - 438	0	
	61 - 62				438 - 439	0	
	62 - 63				439 - 440	0	
	63 - 64				440 - 441	0	
	64 - 65				441 - 442	0	
	65 - 66				442 - 443	0	
	66 - 67				443 - 444	0	
	67 - 68				444 - 445	0	
	68 - 69				445 - 446	0	
	69 - 70				446 - 447	0	
	70 - 71				447 - 448	0	
	71 - 72				448 - 449	0	
	72 - 73				449 - 450	0	
	73 - 74				450 - 451	0	
	74 - 75				451 - 452	0	
	75 - 76				452 - 453	0	
	76 - 77				453 - 454	0	
	77 - 78				454 - 455	0	
	78 - 79				455 - 456	0	
	79 - 80				456 - 457	0	
	80 - 81				457 - 458	0	
	81 - 82				458 - 459	0	
	82 - 83				459 - 460	0	
	83 - 84				460 - 461	0	
	84 - 85				461 - 462	0	
	85 - 86				462 - 463	0	
	86 - 87				463 - 464	0	
	87 - 88				464 - 465	0	
	88 - 89				465 - 466	0	
	89 - 90				466 - 467	0	
	90 - 91				467 - 468	0	
	91 - 92				468 - 469	0	
	92 - 93				469 - 470	0	
	93 - 94				470 - 471	0	
	94 - 95				471 - 472	0	
	95 - 96				472 - 473	0	
	96 - 97				473 - 474	0	
	97 - 98				474 - 475	0	
	98 - 99				475 - 476	0	
	99 - 100				476 - 477	0	
	100 - 101				477 - 478	0	
	101 - 102				478 - 479	0	
	102 - 103				479 - 480	0	
	103 - 104				480 - 481	0	
	104 - 105				481 - 482	0	
	105 - 106				482 - 483	0	
	106 - 107				483 - 484	0	
	107 - 108				484 - 485	0	
	108 - 109				485 - 486	0	
	109 - 110				486 - 487	0	
	110 - 111				487 - 488	0	
	111 - 112				488 - 489	0	
	112 - 113				489 - 490	0	
	113 - 114				490 - 491	0	
	114 - 115				491 - 492	0	
	115 - 116				492 - 493	0	
	116 - 117				493 - 494	0	
	117 - 118				494 - 495	0	
	118 - 119				495 - 496	0	
	119 - 120				496 - 497	0	
	120 - 121				497 - 498	0	
	121 - 122				498 - 499	0	
	122 - 123				499 - 500	0	
	123 - 124				500 - 501	0	
	124 - 125				501 - 502	0	
	125 - 126				502 - 503	0	
	126 - 127				503 - 504	0	
	127 - 128				504 - 505	0	
	128 - 129				505 - 506	0	
	129 - 130				506 - 507	0	
	130 - 131				507 - 508	0	
	131 - 132				508 - 509	0	
	132 - 133				509 - 510	0	
	133 - 134				510 - 511	0	
	134 - 135				511 - 512	0	
	135 - 136				512 - 513	0	
	136 - 137				513 - 514	0	
	137 - 138				514 - 515	0	
	138 - 139				515 - 516	0	
	139 - 140				516 - 517	0	
	140 - 141				517 - 518	0	
	141 - 142				518 - 519	0	
	142 - 143				519 - 520	0	
	143 - 144				520 - 521	0	
	144 - 145				521 - 522	0	
	145 - 146				522 - 523	0	
	146 - 147				523 - 524	0	
	147 - 148				524 - 525	0	
	148 - 149				525 - 526	0	
	149 - 150				526 - 527	0	
	150 - 151				527 - 528	0	
	151 - 152				528 - 529	0	
	152 - 153				529 - 530	0	
	153 - 154				530 - 531	0	
	154 - 155				531 - 532	0	
	155 - 156				532 - 533	0	
	156 - 157				533 - 534	0	
	157 - 158				534 - 535	0	
	158 - 159				535 - 536	0	
	159 - 160				536 - 537	0	
	160 - 161				537 - 538	0	
	161 - 162				538 - 539	0	
	162 - 163				539 - 540	0	
	163 - 164				540 - 541	0	
	164 - 165				541 - 542	0	
	165 - 166				542 - 543	0	
	166 - 167				543 - 544	0	
	167 - 168				544 - 545	0	
	168 - 169				545 - 546	0	
	169 - 170				546 - 547	0	
	170 - 171				547 - 548	0	
	171 - 172				548 - 549	0	
	172 - 173				549 - 550	0	
	173 - 174				550 - 551	0	
	174 - 175				551 - 552	0	
	175 - 176				552 - 553	0	
	176 - 177				553 - 554	0	
	177 - 178				554 - 555	0	
	178 - 179				555 - 556	0	
	179 - 180				556 - 557	0	
	180 - 181				557 - 558	0	



SOIL BORING LOG

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY BJS
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME 55 TRK

STRUCT. NO. Station	D E P T H ft	B L O W S (/6")	U C S (tsf)	M O I S T (%)	Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft	D E P T H ft	B L O W S (/6")	U C S (tsf)	M O I S T (%)	Groundwater Elev.: First Encounter <u>**</u> ft Upon Completion <u>**</u> ft After <u> </u> Hrs. <u>**</u> ft
Asphalt - 8 inches										
Black, CLAY (FILL)	437.83									Stiff, brownish gray, SILTY CLAY (continued)
		5					4			
		8	0.7	15			4	1.2	18	
		8	B				6	S		
										415.50
		4					1			Loose, gray, SANDY LOAM
		7	1.0	15			2	0.2	18	
		9	S				3	S		
										413.00
		3					1			Stiff, brown, CLAY
		6		17			2	1.2	29	
		7					4	S		
										410.50
Medium dense, gray, SANDY LOAM	430.50									Loose to medium dense, brown, FINE GRAINED SAND
		2					2			
		5		15			3		12	
		9					3			
										428.00
Medium stiff to stiff, gray, SANDY CLAY LOAM	428.00									
		3								
		5	0.7	17						
		7	S							
										422.00
		2					11			
		3	2.2	17			14			
		5	S				16			
										403.50
										End of Boring
		8								
Stiff, brownish gray, SILTY CLAY	422.00									
		13	1.0	17						
		16	S							
		2								
		7	1.4	13						
		7	S							
										400.00

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
* Rimac not measured due to sample disturbance BBS, from 137 (Rev. 8-99)
** Not measured due to drilling methods used



SOIL BORING LOG

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY DLD
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 18, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD HSA HAMMER TYPE CME 55 / 80%

STRUCT. NO. Station	D E P T H ft	B L O W S (/6")	U C S (tsf)	M O I S T (%)	Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft	D E P T H ft	B L O W S (/6")	U C S (tsf)	M O I S T (%)	Groundwater Elev.: First Encounter <u>**</u> ft Upon Completion <u>**</u> ft After <u> </u> Hrs. <u>**</u> ft
Gray, SILT (FILL), trace gravel										
		1								427.8
		8		23						
		10								
										425.3
		11								Gray, SANDY LOAM (FILL)
		10	2.5	26						
		14	S							
										442.8
Gray, SANDY CLAY LOAM (FILL)	442.8									
		5								
		6	1.0	18						
		6	P							
										420.3
		5								Gray, CLAY LOAM (FILL)
		6	1.7	17						
		6	P							
										416.3
		2								Very stiff, black, SILTY CLAY
		4	1.7	19						
		7	P							
										435.3
Gray, SILTY LOAM (FILL)	435.3									
		4								
		10		20						
		12								
										432.8
Gray, SANDY CLAY LOAM (FILL)	432.8									
		3								
		8	1.0	17						
		14	P							
										411.3
										Very stiff, brown, SILT
		4								
		5	2.2	19						
		9	P							
										408.3
										End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
* Rimac attempted, not measured due to sample disturbance BBS, from 137 (Rev. 8-99)
** Not measured due to drilling methods used



SOIL BORING LOG

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY EED
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD HSA with MR below 25 ft HAMMER TYPE CME 750X / 73%

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T T	Surface Water Elev.		D E P T H S	B L O W S	U C S Qu	M O I S T T
					Unknown ft	Unknown ft				
8S0821064L003.6 MILE MARKER 3.6										
BORING NO. ST- 6 Station Mile Marker 3.6										
Ground Surface Elev. 411.90 ft	(ft)	(/6")	(tsf)	(%)						
Topsoil - 4 inches	411.57									
Brown to gray, SILTY LOAM (FILL)										
	1							0		
	2	0.5	23					1	0.7	33
	1	B						1	B	
	2							0		
	4	0.7	22					0	0.7	34
	5	S						1	B	
	-5							-25		
406.40										
Gray, CLAY LOAM (FILL), with brick, slag, concrete, and glass										
	2							0		
	3	0.9	26					0	0.5	49
	3	S						1	B	
	1							0		
	3	0.8	22					8		40
	4	S						18		
	-10							-30		
382.40										
Dense, gray, FINE GRAINED SAND										
	4									
	5	1.8	24							
	6	S								
	5									
	5	1.1	23							
	4	S								
	-15							-35		
376.90										
End of Boring										
396.40										
Medium stiff, gray, CLAY										
	1									
	2	1.0	41							
	3	S								
	2									
	2	0.9	33							
	3	B								
	-20							-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
* Rimac not measured due to sample disturbance BBS, from 137 (Rev. 8-99)
** Not measured due to drilling methods used



SOIL BORING LOG

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY EED
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD HSA with MR below 25 ft HAMMER TYPE CME 750X / 73%

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T T	Surface Water Elev.		D E P T H S	B L O W S	U C S Qu	M O I S T T
					Unknown ft	Unknown ft				
8S0821055R003.6 MILE MARKER 3.6										
BORING NO. ST- 6 Station Mile Marker 3.6										
Ground Surface Elev. 411.90 ft	(ft)	(/6")	(tsf)	(%)						
Topsoil - 4 inches	411.57									
Brown to gray, SILTY LOAM (FILL)										
	1							0		
	2	0.5	23					1	0.7	33
	1	B						1	B	
	2							0		
	4	0.7	22					0	0.7	34
	5	S						1	B	
	-5							-25		
406.40										
Gray, CLAY LOAM (FILL), with brick, slag, concrete, and glass										
	2							0		
	3	0.9	26					0	0.5	49
	3	S						1	B	
	1							0		
	3	0.8	22					8		40
	4	S						18		
	-10							-30		
382.40										
Dense, gray, FINE GRAINED SAND										
	4									
	5	1.8	24							
	6	S								
	5									
	5	1.1	23							
	4	S								
	-15							-35		
376.90										
End of Boring										
396.40										
Medium stiff, gray, CLAY										
	1									
	2	1.0	41							
	3	S								
	2									
	2	0.9	33							
	3	B								
	-20							-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
* Rimac not measured due to sample disturbance BBS, from 137 (Rev. 8-99)
** Not measured due to drilling methods used

