

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D-8 OVD SIN STR REPL 19-01		**	55	1
VARIOUS		ILLINOIS	CONTRACT NO. 46496	

**MADISON, ST CLAIR

D-98-071-18

11-09-2018 LETTING ITEM 060

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
D-8 OVD SIN STR REPL 19-01

REPAIR, REPLACEMENT & MAINTENANCE OF
OVERHEAD SIGN TRUSSES & SIGN PANELS
MADISON AND ST CLAIR COUNTIES

FOR INDEX OF SHEETS, SEE SHEET NO. 2



M-60-038-18



SEE LOCATION MAPS
NOT TO SCALE



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

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

PROJECT ENGINEER: HERVE GELIN (618) 346-3179
PROJECT MANAGER: CECIL DOWNING (618) 346-3145

CONTRACT NO. 46496

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 23 2018
Jeffrey Z. K...
REGIONAL ENGINEER

Oct 5 2018
Paul P. Ch...
ENGINEER OF DESIGN AND ENVIRONMENT

Oct 9 2018
Paul P. Ch...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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TRAFFIC DATA

LOC. NO. 1:	IL 157/SIUE (S/N 850605157R006.3) 2015 ADT = 19600 SU = 8.0% 2017 ADT = 22000 MU = 2.4% 2037 ADT = 27200	LOC. NO. 8 & 9	IL 161 & BOUL (S/N 850825161R005.5) 2015 ADT = 20400 SU = 7.4% 2017 ADT = 20400 MU = 1.7% 2037 ADT = 25200
LOC. NO. 2:	IL 203/MARYVILLE RD. (S/N 850605203L007.7) 2015 ADT = 13200 SU = 16.3% 2017 ADT = 13200 MU = 2.3% 2037 ADT = 16300	LOC. NO 10	IL 158 SB & I-64 (S/N 850825158L024.1) 2015 ADT = 19000 SU = 10.0% 2017 ADT = 22100 MU = 1.7% 2037 ADT = 27300
LOC. NO. 3:	TUDOR PIGGOTT (S/N 850825I055L001.3) 2015 ADT = SU = 2017 ADT = MU = 2037 ADT =	LOC. NO. 11:	IL 158 NB & I-64 (S/N 850825158R023.5) 2015 ADT = 15700 SU = 11.3% 2017 ADT = 19500 MU = 3.0% 2037 ADT = 24100
LOC. NO. 4 & 5:	IL 15 & SHRINE (S/N 850825015L006.4) 2015 ADT = 29900 SU = 5.1% 2017 ADT = 33600 MU = 3.4% 2037 ADT = 41500	LOC. NO. 12:	IL 203/MARYVILLE RD. (S/N 850605203R007.6) 2015 ADT = 11000 SU = 7.3% 2017 ADT = 11700 MU = 2.4% 2037 ADT = 14500
LOC. NO. 6 & 7:	IL 15 & IL 13 (S/N 850825013L002.9) 2015 ADT = 7950 SU = 11.7% 2017 ADT = 9200 MU = 2.2% 2037 ADT = 11400	LOC. NO. 13 & 14:	IL 157 AT I-57/70 EB RAMPS (S/N 850605157R001.0) 2015 ADT = 25500 SU = 2.2% 2017 ADT = 23400 MU = 5.9% 2037 ADT = 28600

GENERAL NOTES

THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
* AMEREN ILLINOIS	X	X
* AT&T ILLINOIS	X	X
* CHARTER COMMUNICATIONS, INC.	X	X
* CITY OF EAST ST. LOUIS	X	X
* CITY OF EDWARDSVILLE		X
* DEPARTMENT OF CENTRAL MANAGEMENT SERVICES	X	X
* ILLINOIS AMERICAN WATER COMPANY		X
* VILLAGE OF GLEN CARBON		X

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY *. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

FOR ALL LOCATIONS AS INDICATED IN THE PLANS, REMOVE OVERHEAD SIGN STRUCTURE - SPAN INCLUDES REMOVAL OF SIGN TRUSS, STRUCTURAL STEEL SUPPORTS AND ELECTRICAL SERVICE INSTALLATION.

ALL SURPLUS EXCAVATION DUE TO THE CONSTRUCTION OF THE DRILLED SHAFTS AND CONCRETE FOUNDATIONS MUST REMAIN ON THE PROJECT SITE. THE CONTRACTOR SHALL GRADE THE DISPOSED EXCAVATION TO THE SATISFACTION OF THE ENGINEER AND THE AREA MUST BE SEEDED CLASS 2A, FERTILIZED, AND MULCHED ACCORDING TO SECTION 250 AND 251 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE INCLUDED IN THE COST PER CUBIC YARD FOR THE PAY ITEM DRILLED SHAFT CONCRETE FOUNDATIONS OR CONCRETE FOUNDATIONS.

THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTOR TO HIRE MINORITY, WOMEN, AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN, AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READINGS, SITE PLANS, SITE WORK, TOOL USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

ALL REMOVAL OF ELECTRICAL INSTALLATION ITEMS SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR DISPOSAL OR SALVAGE.

NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.

COMMITMENTS

- 1 ANY EARTH EXCAVATION WITHIN THE PROJECT LIMITS RESULTING IN SURPLUS MATERIAL SHALL BE PLACED ON THE RIGHT-OF-WAY WITHIN THE PROJECT LIMITS AND SHALL NOT BE DISPOSED OF OFF SITE

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	USER NAME = bergmd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, ADT, & COMMITMENTS			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		SCALE: N/A	SHEET 1	OF 1	SHEETS	STA.	TO STA.	**	55	2
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -								**MADISON, ST CLAIR	CONTRACT NO. 46496	
	PLOT DATE = 8/30/2018	DATE -	REVISED -						*VARIOUS	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN TRAFFIC SIGNS								
				0044								
				MADISON COUNTY				ST. CLAIR COUNTY				
FAP IL 157	FAP IL 203	FAI 70	FAP IL 15	FAP IL 13	FAP IL 161	FAP IL 158						
63200310	GUARDRAIL REMOVAL	FOOT	653		493		160					
67100100	MOBILIZATION	L SUM	1	0.23	0.11	0.11	0.11	0.11	0.11	0.11	0.22	
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	EACH	1			1						
70100315	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	8	2	1		1	1	1	1	2	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	7	1		1		2	1		2	
70100430	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	EACH	1							1		
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1			1						
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1			0.16		0.28	0.28		0.28	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5						0.5		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5						0.5		
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1			1						
72000300	SIGN PANEL - TYPE 3	SQ FT	2474	831	74	284	177	240	149		719	
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	4121	1138	700	310	368	460	323		822	
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	16395	3610	893	2925	1147	1384	812		5624	

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PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	3
*VARIOUS		CONTRACT NO. 46496		
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				URBAN TRAFFIC SIGNS 0044								
				MADISON COUNTY			ST. CLAIR COUNTY					
				FAP IL 157	FAP IL 203	FAI 70	FAP IL 15	FAP IL 13	FAP IL 161	FAP IL 158		
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	116	116								
73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	50	50								
73400100	CONCRETE FOUNDATIONS	CU YD	65	32	3	7	3	4	3		13	
* 73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	11	11								
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	10	2	2	1	1	1	1		2	
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	20	4	4	2	2	2	2		4	
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 145C	FOOT	357	357								
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 147C	FOOT	95	95								
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1	1								
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15	15								
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1	1								
* 88200100	TRAFFIC SIGNAL BACKPLATE	EACH	1	1								
* 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	5	5								
* 89502100	REBUILD EXISTING SIGNAL HEAD	EACH	1	1								

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	4
*VARIOUS			CONTRACT NO. 46496	
		ILLINOIS	FED. AID PROJECT	

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				URBAN TRAFFIC SIGNS							
				0044							
				MADISON COUNTY			ST. CLAIR COUNTY				
FAP IL 157	FAP IL 203	FAI 70	FAP IL 15	FAP IL 13	FAP IL 161	FAP IL 158					
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	408	408							
* 89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1098	1098							
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1							
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1							
X0326998	FURNISH AND INSTALL HANDRAIL	FOOT	50	50							
* X8040100	ELECTRIC CONNECTION TO SIGN STRUCTURE	EACH	3	2		1					
* X8040310	ELECTRICAL SERVICE DISCONNECT	EACH	10	2	2	1	1	1	1	2	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.23	0.11	0.11	0.11	0.11	0.11	0.22	

* SPECIALTY ITEM

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PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	5
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

OVERHEAD SIGN STRUCTURE SCHEDULE					
LOCATION	STRUCTURE NO.	REMOVE CONCRETE FOUNDATION OVERHEAD	REMOVE OVERHEAD SIGN STRUCTURE SPAN	OVERHEAD SIGN STRUCTURE SPAN TYPE III-A	REMOVE SIGN PANEL TYPE 3
		EA	EA	FT	SQ FT
LOCATION NO. 1	8S060S157R006.3	2	1		237
LOCATION NO. 2	8S060S203L007.7	2	1		350
LOCATION NO. 3	8S082S1055L001.3	2	1		310
LOCATION NO. 4 & 5	8S082S015L006.4	2	1		368
LOCATION NO. 6 & 7	8S082S013L002.9	2	1		460
LOCATION NO. 8 & 9	8S082S161R005.5	2	1		323
LOCATION NO. 10	8S082S158L024.1	2	1		438
LOCATION NO. 11	8S082S158R023.5	2	1		384
LOCATION NO. 12	8S082S203R007.6	2	1		350
LOCATION NO. 13 & 14	8S060S157R001.0	2	1	116	901
TOTAL		20	10	116	4121

OVERHEAD SIGN STRUCTURE WALKWAY SCHEDULE			
LOCATION	STRUCTURE NO.	OVERHEAD SIGN STRUCTURE WALKWAY TYPE A	FURNISH AND INSTALL HANDRAIL
		FT	FT
LOCATION NO. 13 & 14	8S060S157R001.0	50	50
TOTAL		50	50

GUARDRAIL REMOVAL SCHEDULE		
LOCATION	STRUCTURE NO.	GUARDRAIL REMOVAL
		FT
LOCATION NO. 2	8S060S203L007.7	254
LOCATION NO. 4 & 5	8S082S015L006.4	160
LOCATION NO. 12	8S082S203R007.6	239
TOTAL		653

FUNDING SOURCE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	APPROP FUNDING CODE	
				0-01889-0000	0-01491-0000
63200310	GUARDRAIL REMOVAL	FOOT	653	653	
67100100	MOBILIZATION	L SUM	1	0.9	0.1
70100205	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	1	1	
70100315	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	8	7	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	7	7	
70100430	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	1	1	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1	
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.9	0.1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.9	0.1
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
72000300	SIGN PANEL - TYPE 3	SQ FT	2474	2474	
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	4121	4121	
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	16395	16395	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	APPROP FUND	APPROP FUND
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	116	116	
73301810	OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	FOOT	50	50	
73400100	CONCRETE FOUNDATIONS	CU YD	65	65	
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	11	11	
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	10	10	
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	20	20	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 145C	FOOT	357	357	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 147C	FOOT	95	95	
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1		1
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15	15	
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1		1
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	1		1
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	5		5
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	1		1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	APPROP FUND	APPROP FUND
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	408		408
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1098		1098
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1	
X0326998	FURNISH AND INSTALL HANDRAIL	FOOT	50	50	
X8040100	ELECTRIC CONNECTION TO SIGN STRUCTURE	EACH	3	2	1
X8040310	ELECTRICAL SERVICE DISCONNECT	EACH	10	9	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.9	0.1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE, WALKWAY,
& GURADRAIL REMOVAL SCHEDULE

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	6
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

GUIDE SIGN SCHEDULE

STATION	LOCATION	DESCRIPTION	EXISTING SUPPORT TYPE	PROPOSED SUPPORT TYPE	DIMENSIONS				REMOVE SIGN PANEL TY 3 SF	SIGN PANEL TYPE 3 SF	STRUCTURAL STEEL SIGN SUPPORT - BREAK AWAY							CONCRETE FOUNDATIONS			DRILLED SHAFT CONCRETE FOUNDATIONS				
	OFFSET TO EDGE OF NEW PANEL FROM EOP FT				EXISTING W FT	EXISTING H FT	PROPOSED W FT	PROPOSED H FT			NUMBER OF POSTS	SIZE	POUNDS PER FT	STUB POSTS FT	LEFT POST FT	MIDDLE POST FT	RIGHT POST FT	STRUCTURAL STEEL SIGN SUPPORT LB	LT	MID	RT	LT	MID	RT	
																			CY	CY	CY	CY	CY	CY	
LOCATION NO. 1 - NORTHBOUND IL 157/SIUE																									
	ARROW RT @ 45° NORTH EDWARDSVILLE / SIUE CAMPUS AHEAD	SPAN TRUSS	WIDE FLANGE	21.0	7.0	16.0	12.5	147.0	200.0	2	W14X38	38	3.5	22.1		24.1	1756	2.1		2.1					
LOCATION NO. 2 - SOUTHBOUND IL 203/MARYVILLE RD.																									
	MARYVILLE RD NEXT SIGNAL	SPAN TRUSS	WIDE FLANGE	10.0	10.0	10.5	3.5	100.0	36.8	2	W6X15	15	2.5	16.8		17.4	513	0.7		0.7					
LOCATION NO. 3 - NORTHBOUND TUDOR PIGGOTT																									
	SOUTH 55/WEST 64 ST LOUIS LEFT LANE / NORTH 55/EAST 64/70 CHICAGO INDIANAPOLIS RIGHT LANE	SPAN TRUSS	WIDE FLANGE	13.0	12.0	27.0	10.5	156.0	283.5	3	W16X45	45	3.5	19.5	21.5	24.0	2925	2.2	2.2	2.2					
LOCATION NO. 4 - NORTHBOUND IL 15 & SHRINE																									
	BLUFF RD CAHOKIA 1/2 MILE	SPAN TRUSS	WIDE FLANGE	12.0	14.0	9.0	9.5	168.0	85.5	2	W8X18	18	2.5	19.1		19.2	689	0.7		0.7					
LOCATION NO. 5 - NORTHBOUND IL 15 & SHRINE																									
	NATIONAL SHRINE OF OUR LADY OF THE SNOWS NEXT LEFT	SPAN TRUSS	WIDE FLANGE	7.0	8.0	13.0	7.0	56.0	91.0	2	W6X15	15	2.5	15.2		15.3	458	0.7		0.7					
LOCATION NO. 6 - EASTBOUND IL 13 & IL 15																									
	ARROW RT @ 45° EAST MT VERNON	SPAN TRUSS	WIDE FLANGE	14.5	6.0	16.0	7.5	87.0	120.0	2	W10X22	22	3.0	18.3		17.7	792	1.2		1.2					
LOCATION NO. 7 - WESTBOUND IL 13 & IL 15																									
	ARROW RT @ 45° EAST MT VERNON	SPAN TRUSS	WIDE FLANGE	14.5	6.0	16.0	7.5	87.0	120.0	2	W8X18	18	2.5	15.5		17.4	592	0.7		0.7					
LOCATION NO. 8 - WESTBOUND IL 161 & BOUL																									
	NORTH BELT WEST FULLERTON RD NEXT SIGNAL	SPAN TRUSS	WIDE FLANGE	14.0	11.0	13.0	5.0	145.0	65.0	2	W6X15	15	2.5	12.6		13.1	386	0.7		0.7					
LOCATION NO. 9 - EASTBOUND IL 161 & BOUL																									
	BOUL AVE RIGHT LANE / SCOTT A.F. BASE LEFT LANES	SPAN TRUSS	WIDE FLANGE	13.0	10.0	12.0	7.0	130.0	84.0	2	W6X15	15	2.5	14.2		14.2	426	0.7		0.7					
LOCATION NO. 10 - SOUTHBOUND IL 158 & I-64																									
	ARROR RT @ 45° WEST EAST ST LOUIS / EAST MT VERNON NEXT RIGHT	SPAN TRUSS	WIDE FLANGE	18.0	8.0	19.5	16.5	144.0	321.8	3	W14X38	38	3.5	25.5	26.0	26.3	2956	2.1	2.1	2.1					
	WEST SCOTT A.F. BASE	SPAN TRUSS	WIDE FLANGE	18.0	8.0	14.5	5.5	144.0	79.8	2	W6X15	15	2.5	14.5		15.1	444	0.7		0.7					
LOCATION NO. 11 - NORTHBOUND IL 158 & I-64																									
	ARROR RT @ 45° EAST MT VERNON / WEST EAST ST LOUIS NEXT RIGHT	SPAN TRUSS	WIDE FLANGE	18.0	8.0	16.5	16.5	144.0	272.3	2	W14X38	38	3.5	25.3		26.6	1972	2.1		2.1					
	O'FALLON 1 MILE	SPAN TRUSS	WIDE FLANGE	10.0	6.0	9.0	5.0	60.0	45.0	2	W6X9	9	2.25	13.6		14.4	252	0.7		0.7					
LOCATION NO. 12 - NORTHBOUND IL 203/MARYVILLE RD.																									
	MARYVILLE RD NEXT SIGNAL	SPAN TRUSS	WIDE FLANGE	10.0	10.0	10.5	3.5	100.0	36.8	2	W6X15	15	2.5	12.2		13.1	380	0.7		0.7					
LOCATION NO. 13 - SOUTHBOUND IL 157 AT I-55/70																									
	NORTH 55 EAST 70 CHICAGO INDIANAPOLIS ARROR RT 90°	SPAN TRUSS	WIDE FLANGE	15.0	14.5	15.0	14.5	217.5	217.5	2	W14X38	38	3.5	23.4		25.4	1854	2.1		2.1					
LOCATION NO. 14 - NORTHBOUND IL 157 AT I-55/70																									
	NORTH 55 EAST 70 CHICAGO INDIANAPOLIS ARROR LT 90°	SPAN TRUSS	SPAN TRUSS	15.0	14.5	15.0	14.5	217.5	217.5												23.6	11.0			
	SOUTH 55 WEST 70 ST LOUIS MEMPHIS NEXT LEFT	SPAN TRUSS	SPAN TRUSS	14.5	13.5	14.5	13.5	195.8	195.8																
TOTAL																									
																	16395	64			11				

ALL SIGN PANELS REMOVED ARE TO BE RETURNED TO IDOT OPERATIONS. PLEASE CONTACT JEFF ABEL @ 618-346-3283 FOR ASSISTANCE.

1. THESE PANELS REQUIRE ZZ SHEETING
2. SEE BASE SHEETS FOR TRUSS QUANTITIES

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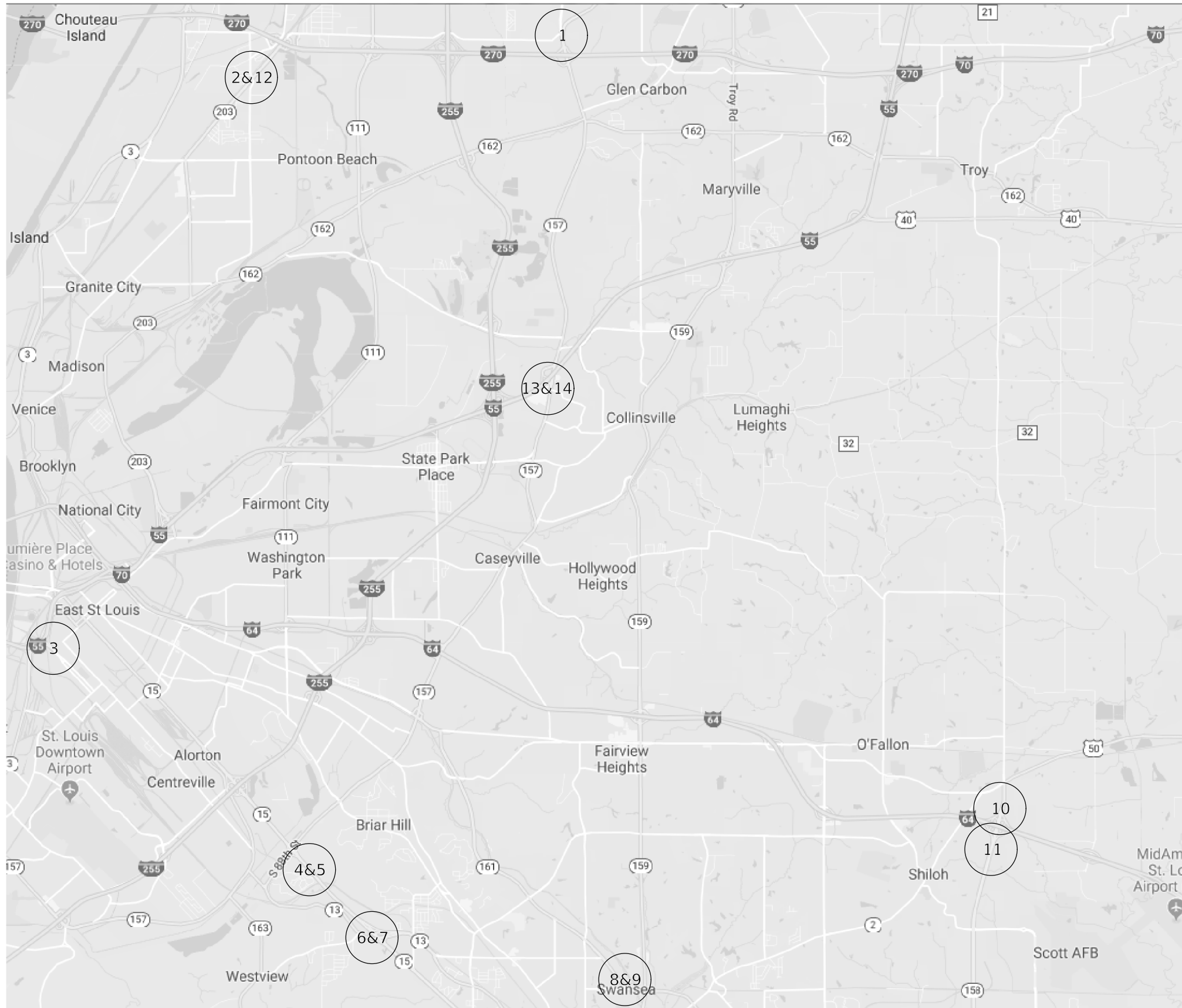
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PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUIDE SIGN SCHEDULE

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	7
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		



LEGEND

- 1 LOCATION 1: IL157/SIUE
- 2&12 LOCATION 2 & 12: IL203/MARYVILLE RD.
- 3 LOCATION 3: TUDOR PIGGOTT
- 4&5 LOCATION 4 & 5: IL15 & SHRINE
- 6&7 LOCATION 6 & 7: IL13 & IL15
- 8&9 LOCATION 8 & 9: IL161 & BOUL
- 10 LOCATION 10: IL158 SB & I-64
- 11 LOCATION 11: IL158 NB & I-64
- 13&14 LOCATION 13 & 14: IL157 & I-55/70

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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	8
*VARIOUS		CONTRACT NO. 46496		
		ILLINOIS	FED. AID PROJECT	

LOCATION NO. 1: IL157/SIUE

SCOPE OF WORK: REMOVE TRUSS AND REPLACE WITH GROUND MOUNT ON WIDE FLANGE.



LOCATION: 1

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PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 1		
SCOPE OF WORK AND LOCATION MAPS		
SCALE: N/A	SHEET 1 OF 3 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	9
*VARIOUS			CONTRACT NO. 46496	
		ILLINOIS	FED. AID PROJECT	

LOCATION NO. 1
8S060S157R006.3 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT

SM 01 – SIGN PANEL 1 OF 1



12.0" Radius, 2.0" Border, White on Green
 [NORTH] E; Arrow 180 - 35.0° 45"; [Edwardsville] E Mod; [SIUE Campus] E Mod; [AHEAD] E Mod;

Table of widths and spaces:

17.4	45.0	12.0	N	12.0	3.4	10.0	3.1	9.5	2.5	8.8	2.5	9.5	56.3													
147.1	27.5	17.4																								
17.4	11.9	4.2	d	10.2	4.7	15.8	3.2	10.2	6.1	7.8	2.4	10.2	4.4	10.2	3.1	11.9	4.5	3.0	6.2	3.0	6.1	3.0	4.9	10.2	17.4	
-0.0	192.0	0.0																								
13.5	12.7	4.1	I	3.2	4.1	12.8	4.1	11.8	16.0	12.8	4.2	10.2	6.1	16.9	6.1	10.2	4.9	10.2	4.5	10.1	13.5					
70.3	10.0	2.1	H	8.0	2.5	7.4	1.3	10.0	2.1	8.0	70.3															

LOCATION 1		
8S060S157R006.3		
COUNTY: MADISON	ROUTE: IL157/SIUE	DIRECTION: NB
PAY ITEM	UNIT	QUANTITY
MOBILIZATION	L SUM	0.11
TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1
SIGN PANEL - TYPE 3	SQ FT	200
REMOVE SIGN PANEL - TYPE 3	SQ FT	237
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1756
CONCRETE FOUNDATIONS	CU YD	4.2
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2
ELECTRICAL SERVICE DISCONNECT	EACH	1
CONSTRUCTION LAYOUT	L SUM	0.11

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PLOT DATE = 8/30/2018	CHECKED -	REVISD -
	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 1			
SIGN PANEL DETAILS & SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 2	OF 3	SHEETS
	STA.		TO STA.

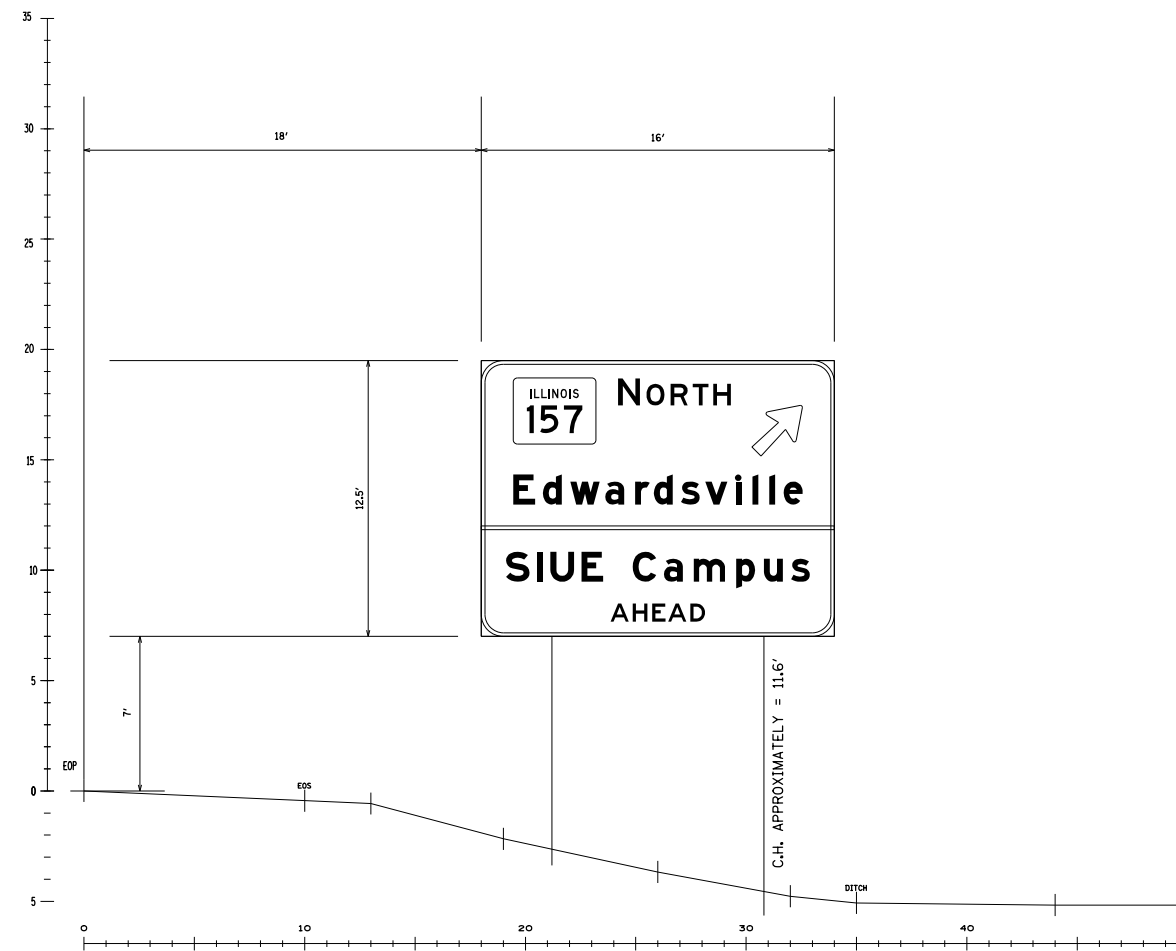
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	10
	*VARIOUS		CONTRACT NO. 46496	
		ILLINOIS	FED. AID PROJECT	

LOCATION NO. 1: IL157/SIUE

LOCATION NO. 1
166' FROM GORE
SIGN PANEL SIZE - 192" X 150"

SIGN WIDTH = 16'
SIGN HEIGHT = 12.5' (ESTIMATED 13')
CLEAR HEIGHT APPROX. = 11.6'
(ESTIMATED CLEAR HEIGHT = 12')

NUMBER OF POSTS = 2
POSTS = W14 X 38



NOTE: ESTIMATED DIMENSIONS ARE FOR DESIGN PURPOSES ONLY.

MODEL: Default
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	USER NAME = bergmd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION 1 SHOULDER MOUNT DETAILS			F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		*	D-8 OVD SIN STR REPL 19-01	*	55	11			
	PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -		*VARIOUS			CONTRACT NO. 46496				
	PLOT DATE = 8/30/2018	DATE -	REVISED -		SCALE: N/A	SHEET 3	OF 3	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT

LOCATION NO. 2: IL203/MARYVILLE RD. SB

SCOPE OF WORK: REMOVE GUARDRAIL AND TRUSS. REPLACE WITH GROUND MOUNT ON WIDE FLANGE AT HOSPITAL/SWIC SIGN LOCATION. PLACE EXISTING SIGNS ON NEW WIDE FLANGE.



LOCATION: 2

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 2
SCOPE OF WORK AND LOCATION MAPS**

SCALE: N/A SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	12
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 12: IL203/MARYVILLE RD. NB

SCOPE OF WORK: REMOVE GUARDRAIL AND TRUSS. REPLACE WITH GROUND MOUNT ON WIDE FLANGE.



LOCATION: 12

MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

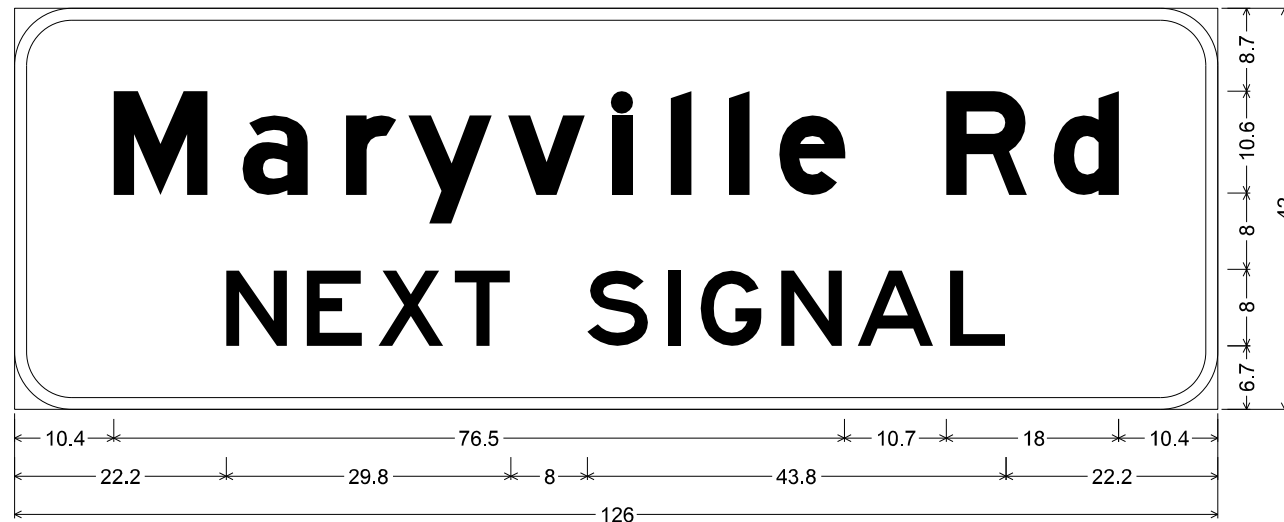
**LOCATION 12
SCOPE OF WORK AND LOCATION MAPS**

SCALE: N/A SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	13
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 2 & 12
8S060S203L007.7 & 8S060S203R007.6 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT

SM 02 & 12 – SIGN PANEL 1 OF 1



6.0" Radius, 1.3" Border, White on Green;
 [Maryville Rd] E Mod; [NEXT SIGNAL] E;
 Table of widths and spaces.

10.4	M	9.8	3.7	a	6.7	4.1	r	5.2	1.4	y	8.5	1.9	v	8.0	2.9	i	2.0	4.1	l	2.0	4.1	l	2.0	3.3	e	6.8	10.7	R	8.5	2.7	d	6.8	10.4
22.2	N	6.3	2.1	E	5.9	1.6	X	6.9	1.1	T	5.9	8.0	S	6.3	2.1	I	1.4	2.0	G	6.4	2.1	N	6.4	1.6	A	8.0	1.7	L	5.8	22.2			

LOCATION 2 & 12		
8S060S203L007.7 & 8S060S203R007.6		
COUNTY: MADISON	ROUTE: IL203/MARYVILLE RD.	DIRECTION: SB & NB
PAY ITEM	UNIT	QUANTITY
GUARDRAIL REMOVAL	FOOT	1201
MOBILIZATION	L SUM	0.11
TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1
SIGN PANEL - TYPE 3	SQ FT	74
REMOVE SIGN PANEL - TYPE 3	SQ FT	700
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	893
CONCRETE FOUNDATIONS	CU YD	2.8
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2
ELECTRICAL SERVICE DISCONNECT	EACH	1
CONSTRUCTION LAYOUT	L SUM	0.11

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PLOT DATE = 8/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 2 & 12			
SIGN PANEL DETAILS & SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 3	OF 4 SHEETS	STA. TO STA.

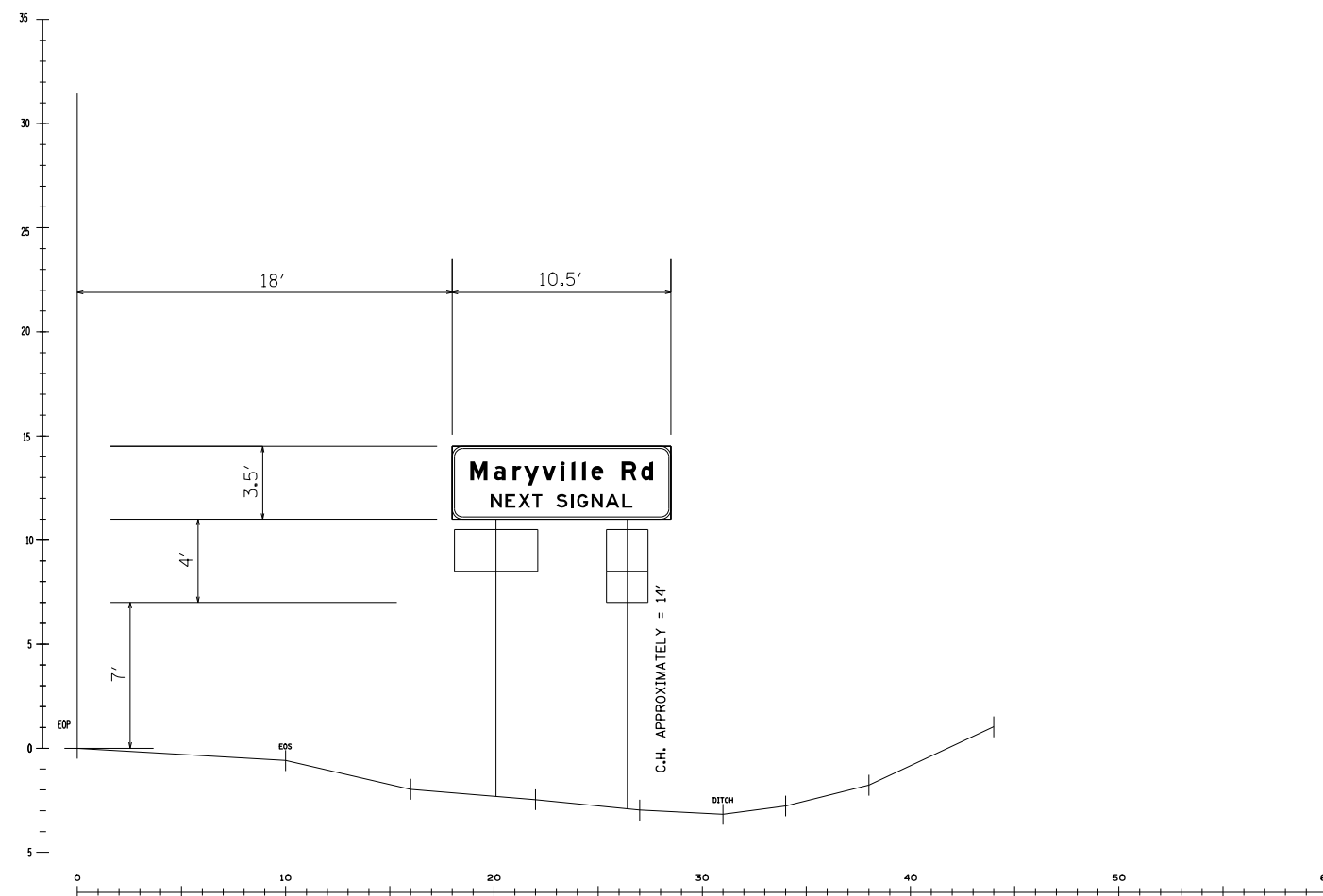
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	14
*VARIOUS		CONTRACT NO. 46496		
		ILLINOIS FED. AID PROJECT		

LOCATION NO. 2: IL203/MARYVILLE RD. SB

LOCATION NO. 2
 80' FROM EDGE OF TURNAROUND
 SIGN PANEL SIZE - 126" X 42"

 SIGN WIDTH = 10.5' (ESTIMATED 12')
 SIGN HEIGHT = 3.5' (ESTIMATED 4')
 CLEAR HEIGHT APPROX. = 14'

 NUMBER OF POSTS = 2
 POSTS = W6 X 15



LOCATION NO. 12: IL203/MARYVILLE RD. NB

LOCATION NO. 12
 106' FROM CL OF ENTRANCE
 SIGN PANEL SIZE - 126" X 42"

 SIGN WIDTH = 10.5' (ESTIMATED 12')
 SIGN HEIGHT = 3.5' (ESTIMATED 4')
 CLEAR HEIGHT APPROX. = 9.6'
 (ESTIMATED CLEAR HEIGHT = 10')

 NUMBER OF POSTS = 2
 POSTS = W6 X 15



NOTE: ESTIMATED DIMENSIONS ARE FOR DESIGN PURPOSES ONLY.

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PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION 2 & 12 SHOULDER MOUNT DETAILS			
SCALE: N/A	SHEET 4	OF 4 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	15
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 3: TUDOR PIGGOTT

SCOPE OF WORK: REMOVE TRUSS AND REPLACE WITH GROUND MOUNT ON WIDE FLANGE.



LOCATION: 3

MODEL: Default
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PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 3
SCOPE OF WORK AND LOCATION MAPS**

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

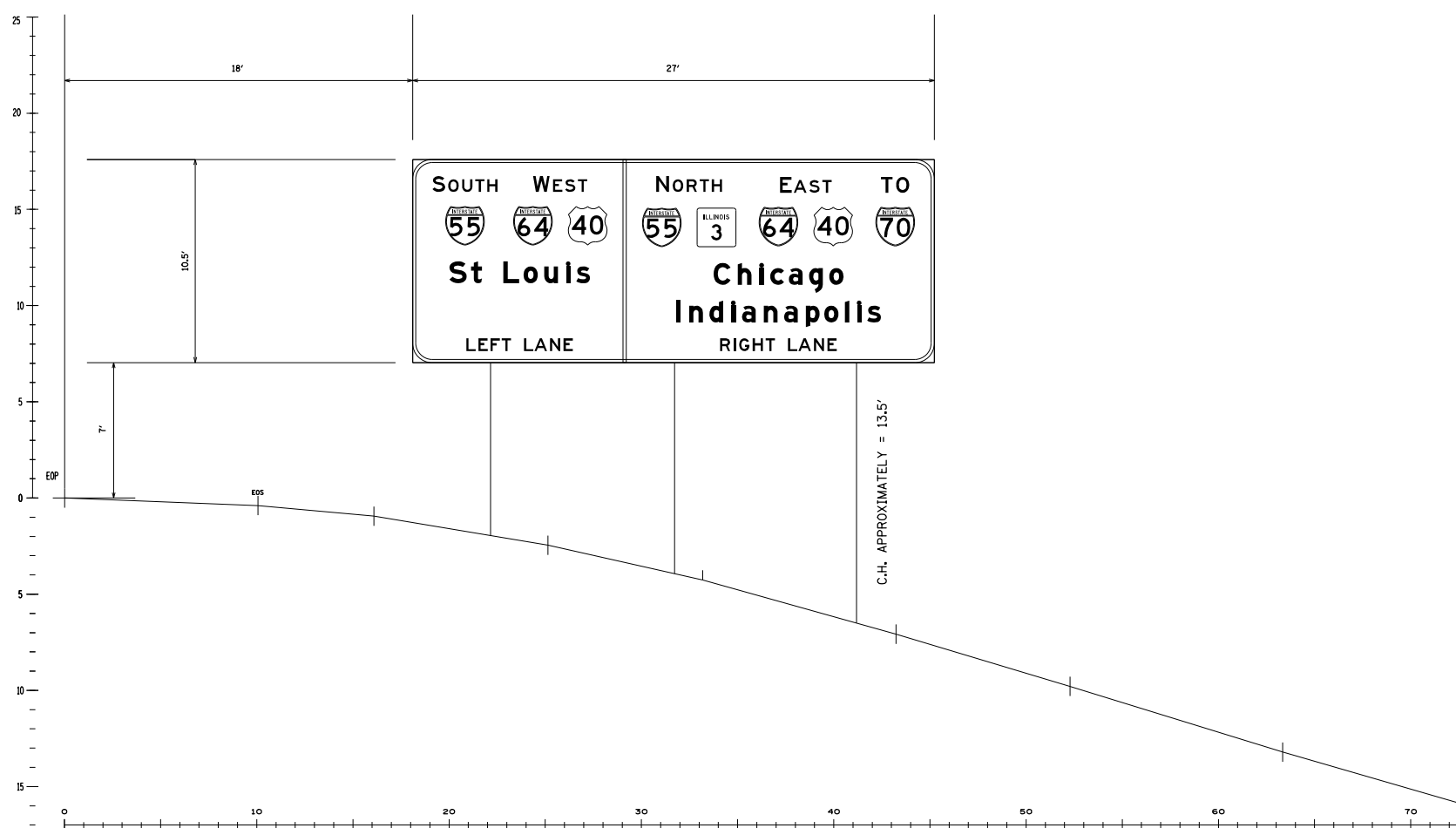
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*	D-8 OVD SIN STR REPL 19-01	*	55	16
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS FED. AID PROJECT				

LOCATION NO. 3: TUDOR PIGGOTT

LOCATION NO. 3
10' FROM CENTER OF EXISTING FOUNDATION
SIGN PANEL SIZE - 324" X 126"

SIGN WIDTH = 27' (ESTIMATED 28')
SIGN HEIGHT = 10.5' (ESTIMATED 14')
CLEAR HEIGHT APPROX. = 13.5'
(ESTIMATED CLEAR HEIGHT = 14')

NUMBER OF POSTS = 3
POSTS = W16 X 45



NOTE: ESTIMATED DIMENSIONS ARE FOR DESIGN PURPOSES ONLY.

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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 3
SHOULDER MOUNT DETAILS

SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	18
*VARIOUS			CONTRACT NO. 46496	
		ILLINOIS	FED. AID PROJECT	

LOCATION NO. 4 & 5: IL15 & SHRINE

SCOPE OF WORK: REMOVE TRUSS AND GUARDRAIL FROM MEDIAN. REPLACE WITH 2 GROUND MOUNTS ON WIDE FLANGE.



LOCATION: 4

LOCATION: 5

MODEL: Default
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PLOT DATE = 8/30/2018	DATE -	REVISED -

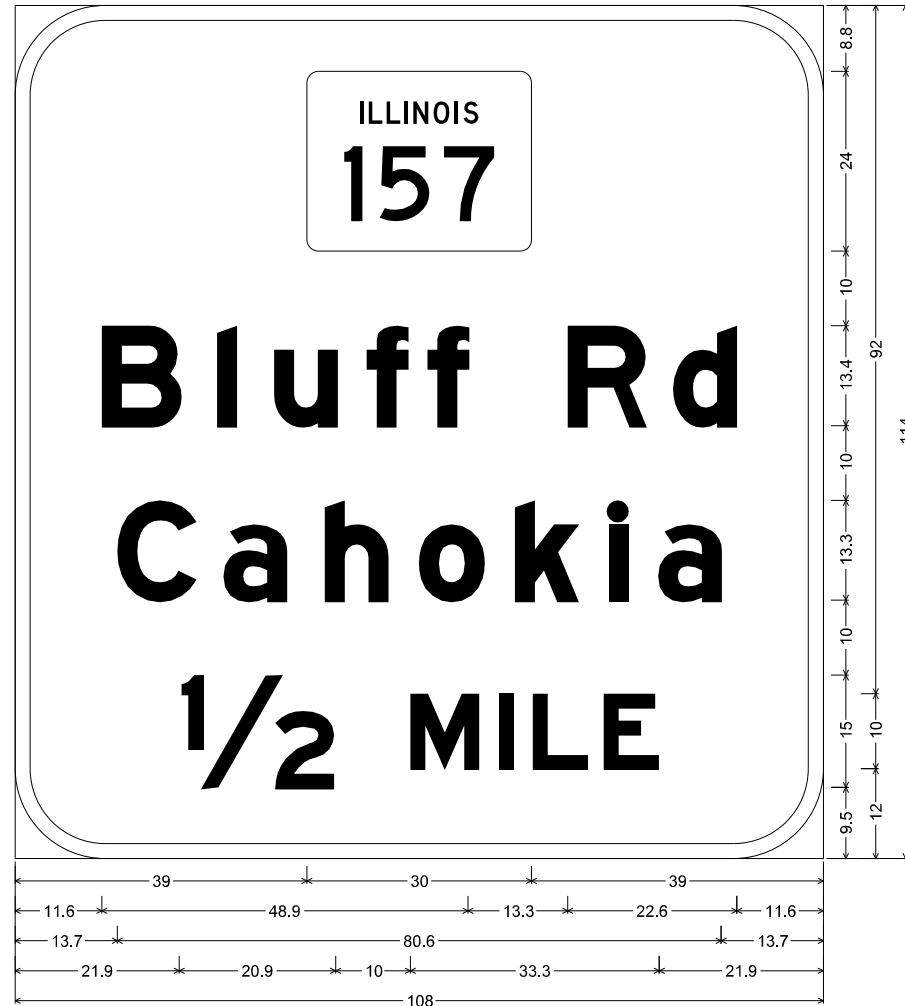
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 4 & 5			
SCOPE OF WORK AND LOCATION MAPS			
SCALE: N/A	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	19
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS FED. AID PROJECT				

LOCATION NO. 4
8S082S015L006.4 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT

SM 04 – SIGN PANEL 1 OF 1

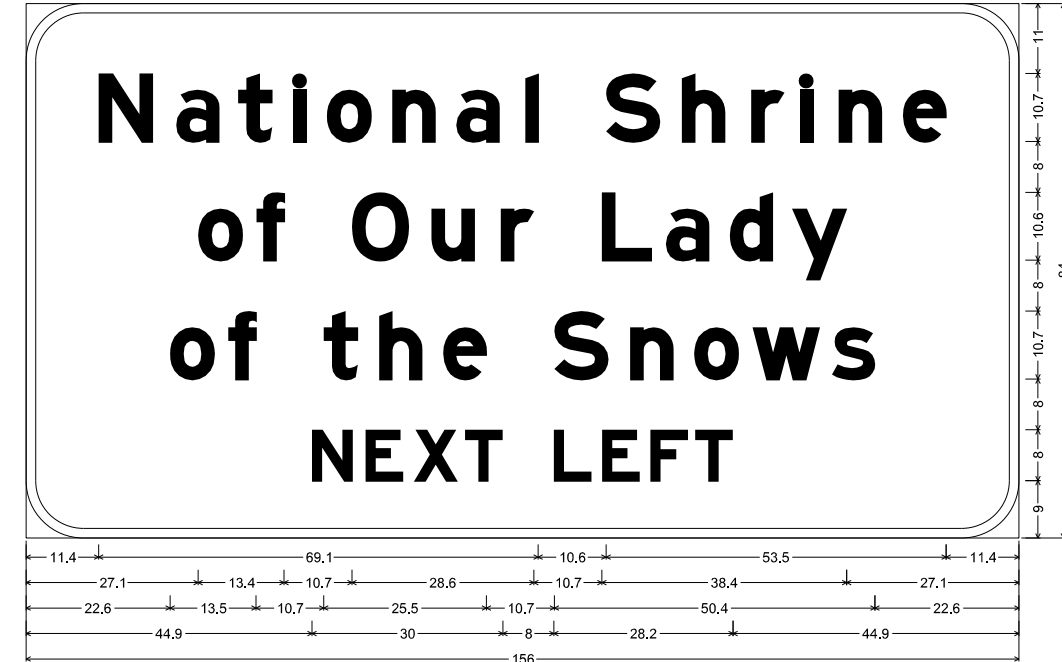


12.0" Radius, 2.0" Border, White on Green;
 [Bluff Rd] E Mod; [Cahokia] E Mod; [1/2 MILE] E Mod;
 Table of widths and spaces.

39.0	30.0	39.0
B	I	u
11.6	10.6	4.8
C	a	h
13.7	10.6	3.5
1/2	M	L
21.9	20.9	10.0

LOCATION NO. 5
8S082S015L006.4 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT

SM 05 – SIGN PANEL 1 OF 1



9.0" Radius, 1.5" Border, White on Brown;
 [National Shrine] E Mod; [of Our Lady] E Mod; [of the Snows] E Mod; [NEXT LEFT] E Mod;
 Table of widths and spaces.

11.4	8.5	3.7	6.7	3.0	5.4	3.3	2.0	3.3	7.0	3.2	6.8	3.3	6.8	4.1	2.0	10.6	8.5	3.4	6.8	4.1	5.2	2.5	2.0	4.1	6.8	3.3	6.8	11.4	
N	a	t	i	o	n	a	i	s	h	r	i	n	e	l	L	E	S	n	S	N	E	X	T	L	E	F	T	L	
27.1	7.0	2.1	4.3	10.7	8.9	3.6	6.8	4.1	5.2	10.7	7.9	2.1	6.8	3.3	6.8	3.0	8.5	27.1											
22.6	7.0	2.2	4.3	10.7	5.3	3.4	6.8	3.2	6.8	10.7	8.5	3.4	6.8	3.3	7.0	2.2	10.5	1.9	6.8	22.6									
44.9	6.4	2.0	6.0	1.6	7.0	1.1	5.9	8.0	6.0	1.6	5.9	1.7	5.9	1.1	6.0	44.9													

LOCATION 4 & 5		
8S082S015L006.4		
COUNTY: ST. CLAIR	ROUTE: IL15 & SHRINE	DIRECTION: NB
PAY ITEM	UNIT	QUANTITY
GUARDRAIL REMOVAL	FOOT	160
MOBILIZATION	L SUM	0.11
TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1
SIGN PANEL - TYPE 3	SQ FT	177
REMOVE SIGN PANEL - TYPE 3	SQ FT	368
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1147
CONCRETE FOUNDATIONS	CU YD	2.8
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2
ELECTRICAL SERVICE DISCONNECT	EACH	1
CONSTRUCTION LAYOUT	L SUM	0.11

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 4 & 5			
SIGN PANEL DETAILS & SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 2	OF 3 SHEETS	STA. TO STA.

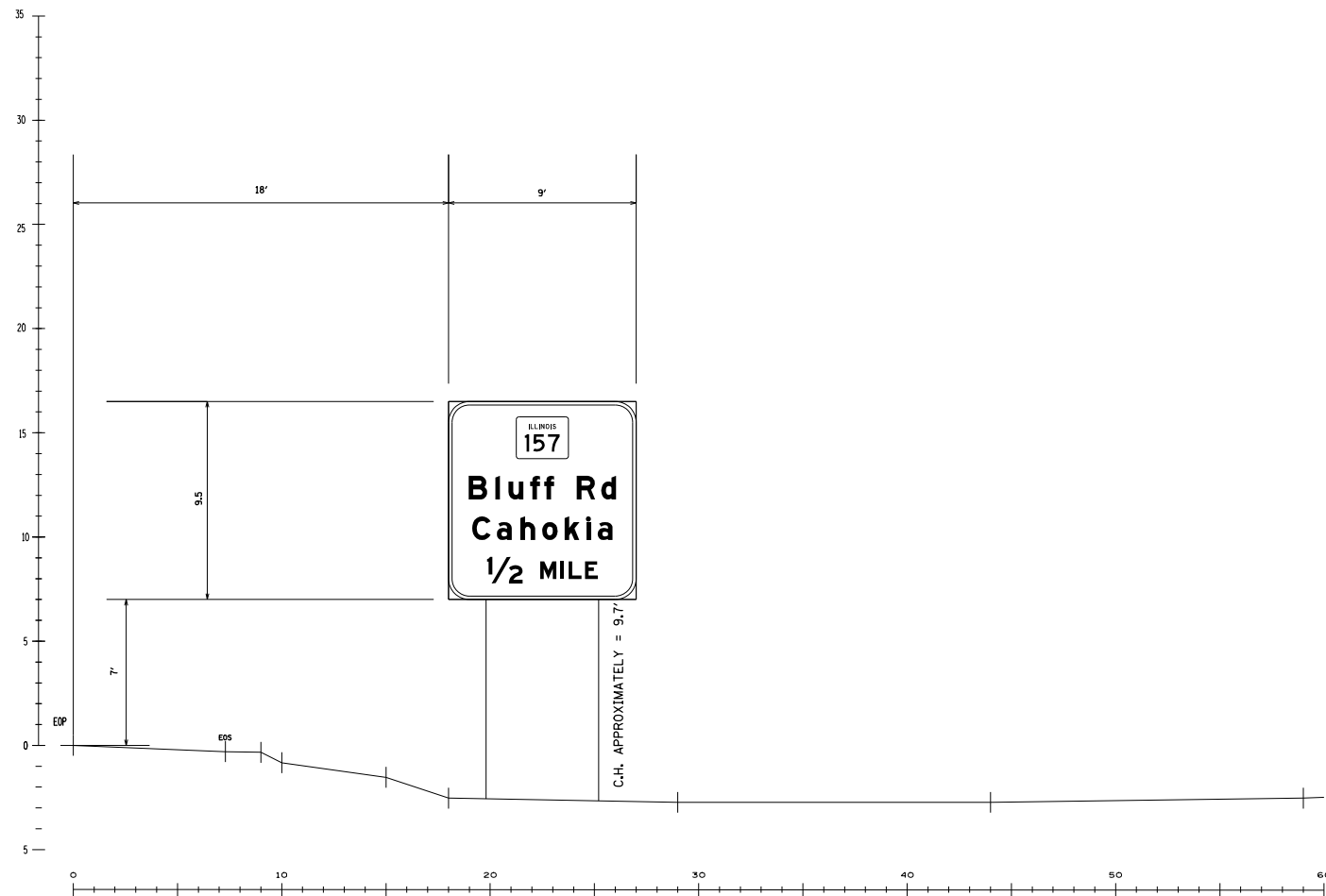
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	20
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 4: IL15 & SHRINE

LOCATION NO. 4
 112' FROM STOP BAR
 SIGN PANEL SIZE - 108" X 114"

SIGN WIDTH = 9' (ESTIMATED 10')
 SIGN HEIGHT = 9.5' (ESTIMATED 10')
 CLEAR HEIGHT APPROX. = 9.7'
 (ESTIMATED CLEAR HEIGHT = 10')

NUMBER OF POSTS = 2
 POSTS = W8 X 18

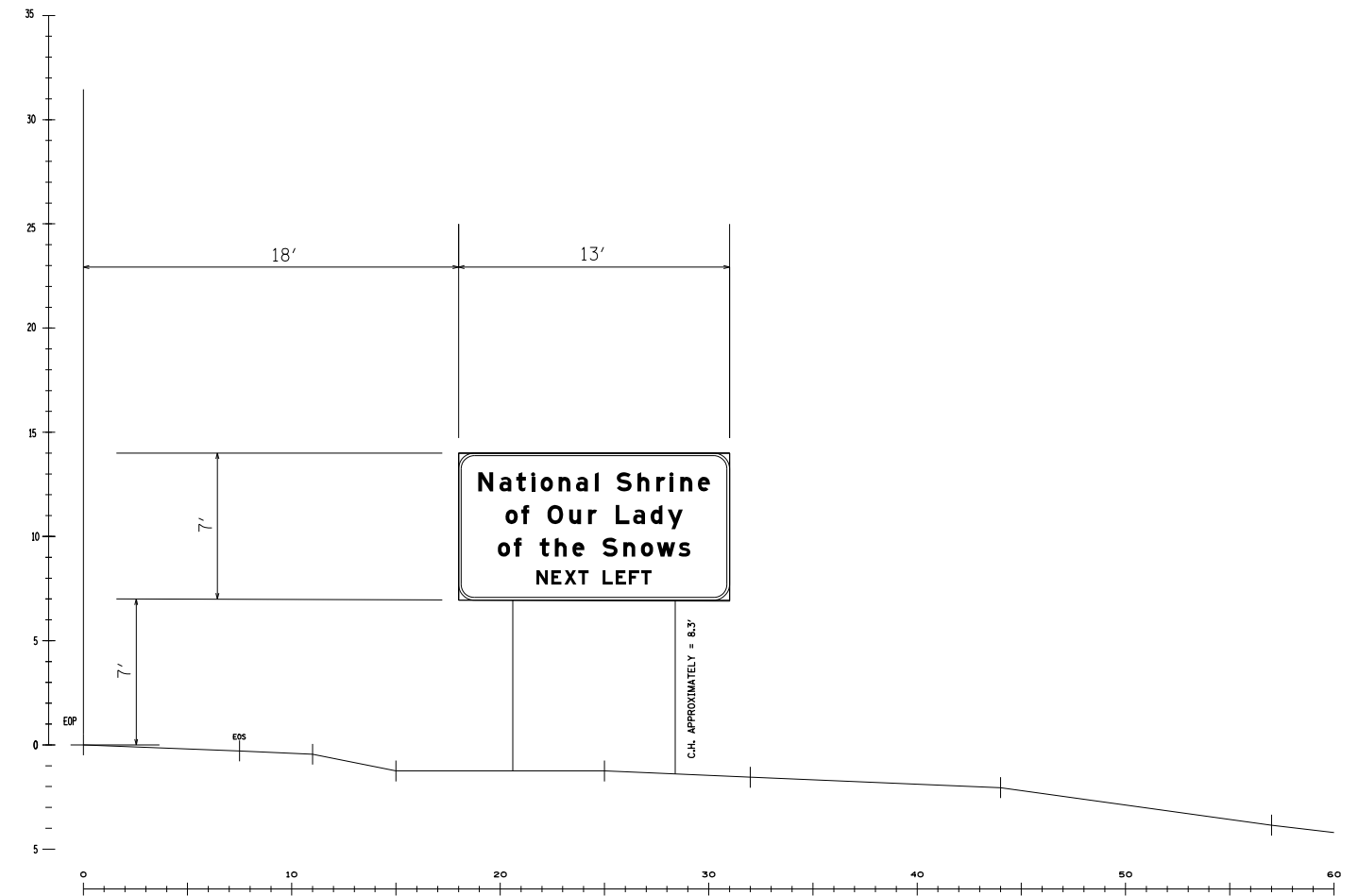


LOCATION NO. 5: IL15 & SHRINE

LOCATION NO. 5
 155' FROM END OF WHITE STRIPE
 SIGN PANEL SIZE - 156" X 84"

SIGN WIDTH = 13' (ESTIMATED 14')
 SIGN HEIGHT = 7'
 CLEAR HEIGHT APPROX. = 8.3'
 (ESTIMATED CLEAR HEIGHT = 10')

NUMBER OF POSTS = 2
 POSTS = W6 X 15



NOTE: ESTIMATED DIMENSIONS ARE FOR DESIGN PURPOSES ONLY.

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION 4 & 5 SHOULDER MOUNT DETAILS			
SCALE: N/A	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	21
*VARIOUS			CONTRACT NO. 46496	
		ILLINOIS	FED. AID PROJECT	

LOCATION NO. 6 & 7: IL13 & IL15

SCOPE OF WORK: REMOVE TRUSS AND REPLACE WITH 2 GROUND MOUNTS ON WIDE FLANGE.



LOCATION: 6



LOCATION: 7

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
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PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

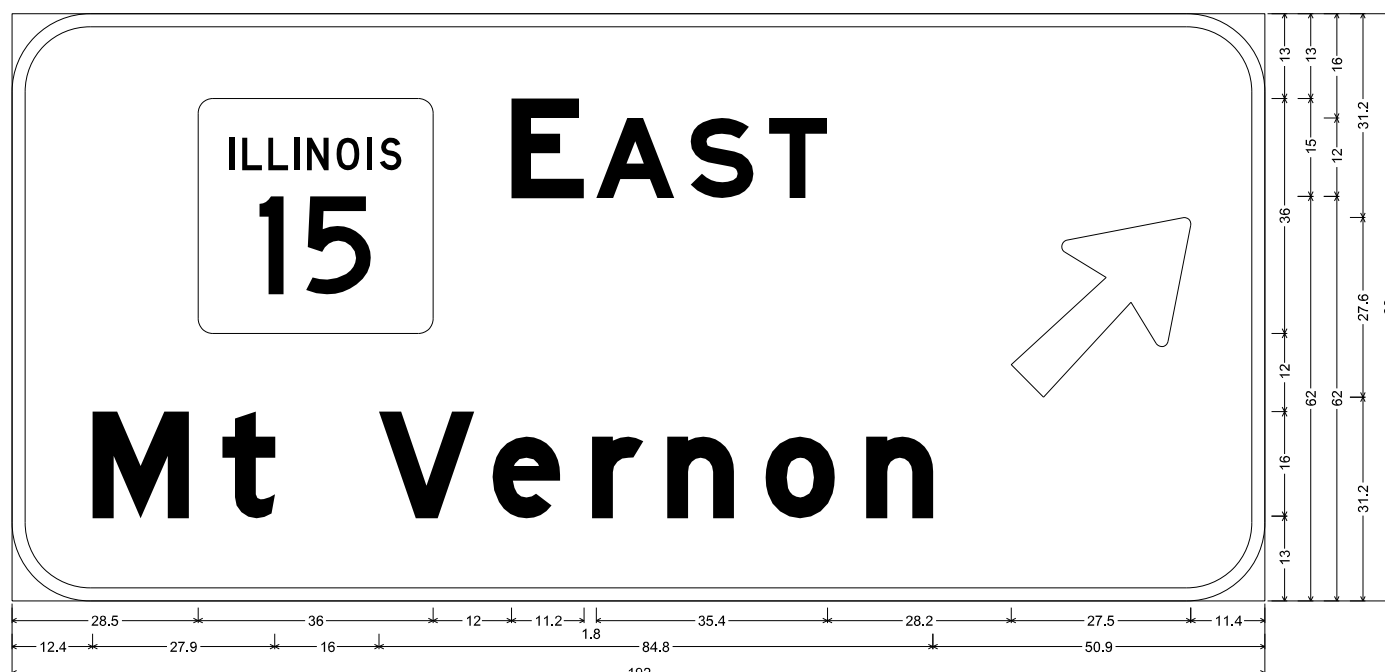
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 6 & 7			
SCOPE OF WORK AND LOCATION MAPS			
SCALE: N/A	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	22
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 6 & 7
8S082S013L002.9 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT

SM 06 & 07 – SIGN PANEL 1 OF 1



12.0" Radius, 2.0" Border, White on Green;
[EAST] E Mod; [Mt Vernon] E Mod; Arrow 160 - 35.0° 45°;
Table of widths and spaces.

28.5	36.0	12.0	11.2	1.8	12.0	2.5	9.6	2.4	8.9	28.2	27.5	11.4				
M	t	V	e	r	n	o	n									
12.4	14.7	5.2	8.0	16.0	14.6	2.8	10.2	5.0	7.8	3.7	10.2	4.9	10.5	4.9	10.2	50.9

LOCATION 6 & 7		
8S082S013L002.9 & 8S082S013L003.0		
COUNTY: ST. CLAIR	ROUTE: IL13 & IL15	DIRECTION: SB & NB
PAY ITEM	UNIT	QUANTITY
MOBILIZATION	L SUM	0.11
TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2
TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	0.28
SIGN PANEL - TYPE 3	SQ FT	240
REMOVE SIGN PANEL - TYPE 3	SQ FT	460
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1384
CONCRETE FOUNDATIONS	CU YD	3.8
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2
ELECTRICAL SERVICE DISCONNECT	EACH	1
CONSTRUCTION LAYOUT	L SUM	0.11

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 6 & 7			
SIGN PANEL DETAILS & SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	23
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 6: IL13 & IL15

LOCATION NO. 6
 340' SE OF CL OF ENTRANCE ALONG S. EOP
 SIGN PANEL SIZE - 192" X 90"

SIGN WIDTH = 16'
 SIGN HEIGHT = 7.5' (ESTIMATED 8')
 CLEAR HEIGHT APPROX. = 10.8'
 (ESTIMATED CLEAR HEIGHT = 12')

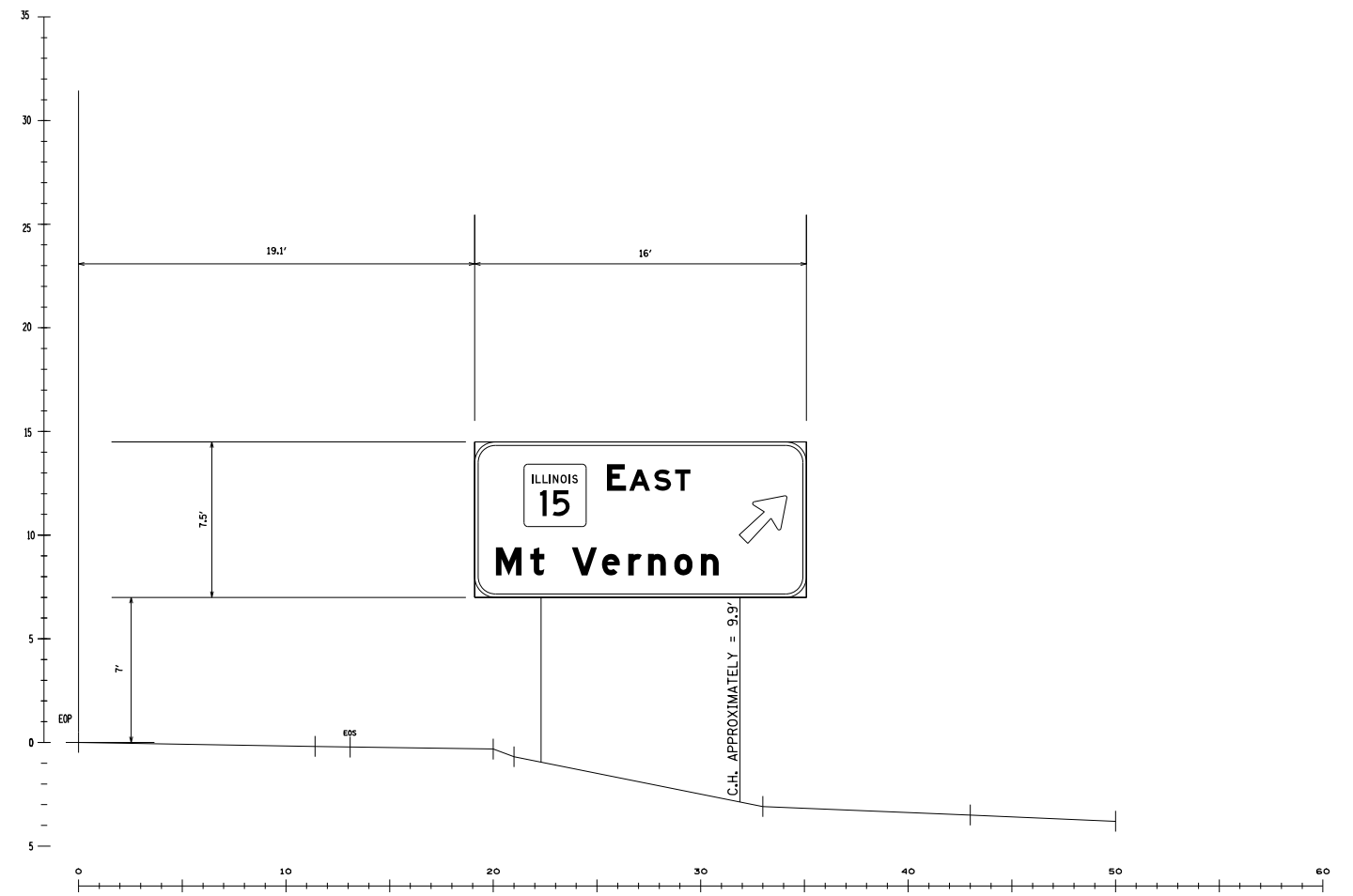
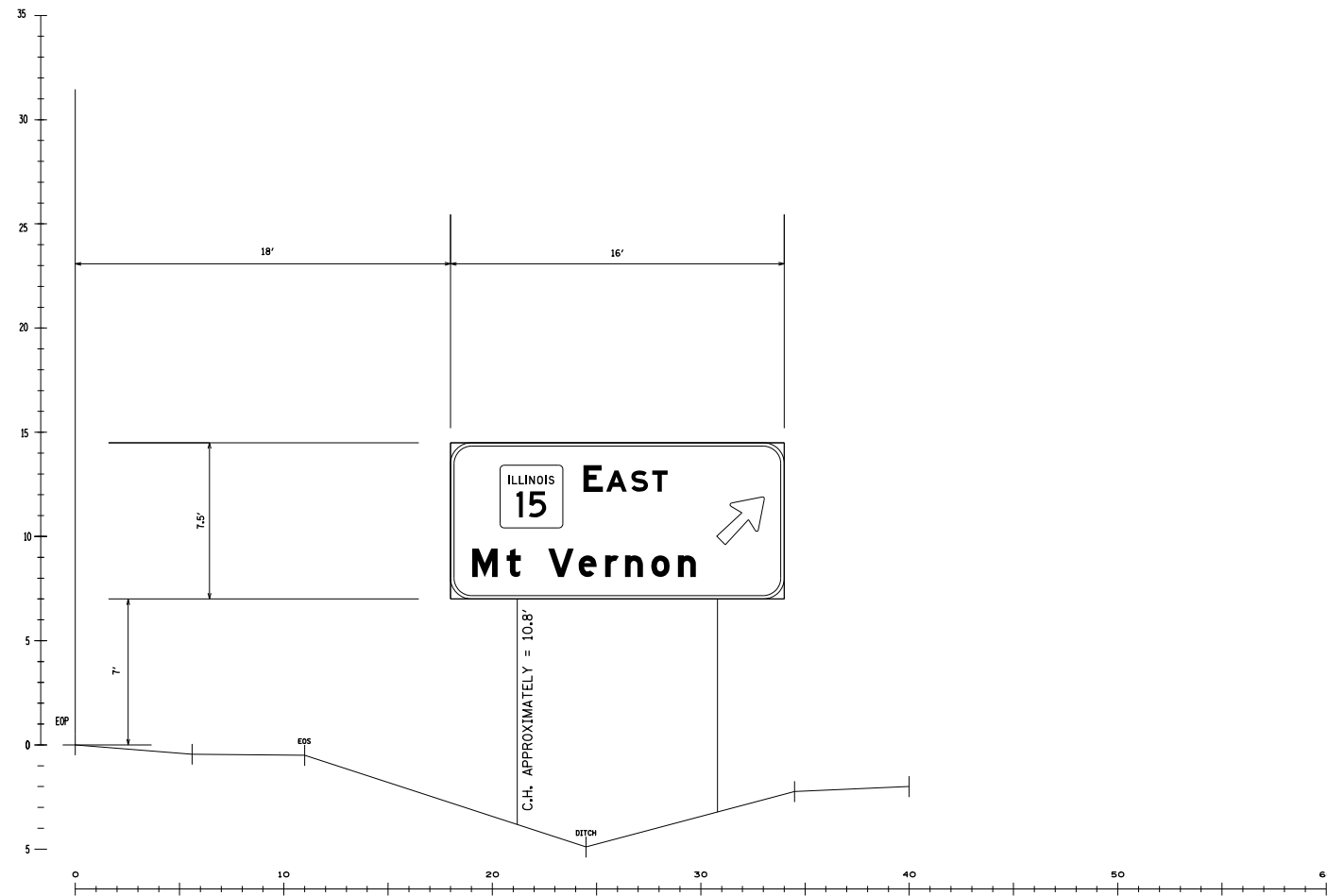
NUMBER OF POSTS = 2
 POSTS = W10 X 22

LOCATION NO. 7: IL13 & IL15

LOCATION NO. 7
 APPROX. 150' FROM TIP OF GORE
 SIGN PANEL SIZE - 192" X 90"

SIGN WIDTH = 16'
 SIGN HEIGHT = 7.5' (ESTIMATED 8')
 CLEAR HEIGHT APPROX. = 9.9'
 (ESTIMATED CLEAR HEIGHT = 10')

NUMBER OF POSTS = 2
 POSTS = W8 X 18



NOTE: ESTIMATED DIMENSIONS ARE FOR DESIGN PURPOSES ONLY.

MODEL: Default
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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION 6 & 7 SHOULD MOUNT DETAILS			
SCALE: N/A	SHEET 3	OF 3 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	24
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 8 & 9: IL161 & BOUL

SCOPE OF WORK: REMOVE TRUSS AND REPLACE WITH 2 GROUND MOUNTS ON WIDE FLANGE.



LOCATION: 8 & 9

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
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PLOT DATE = 8/30/2018	DATE -	REVISED -

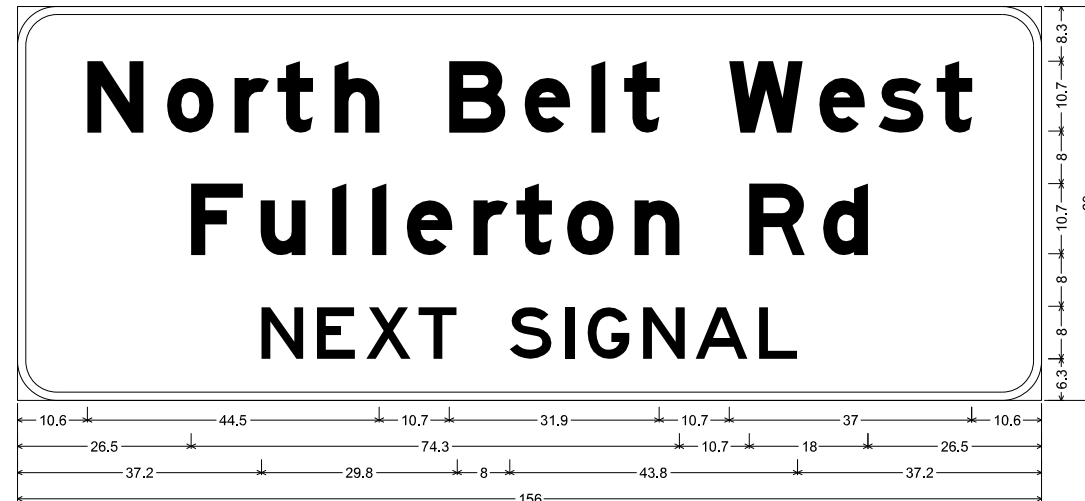
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 8 & 9			
SCOPE OF WORK AND LOCATION MAPS			
SCALE: N/A	SHEET 1	OF 3 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	25
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 8
8S082S161R005.5 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT

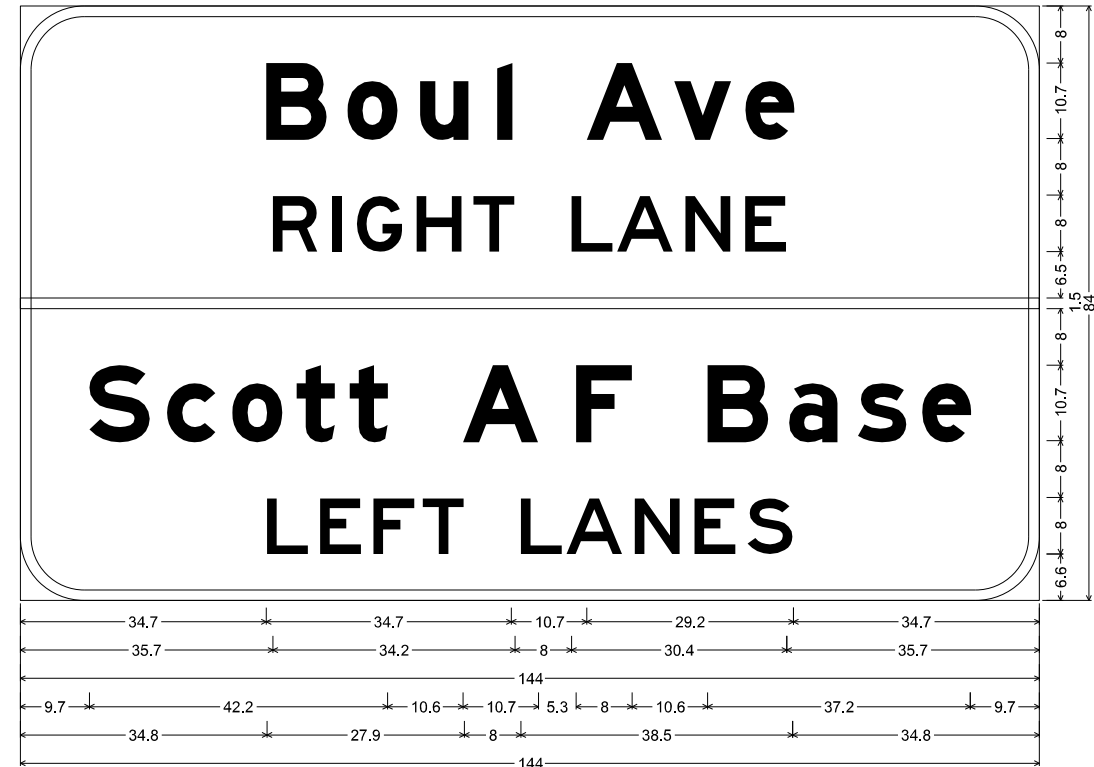
SM 08 - SIGN PANEL 1 OF 1



6.0" Radius, 1.3" Border, White on Green;
 [North Belt West] E Mod; [Fullerton Rd] E Mod; [NEXT SIGNAL] E;
 Table of widths and spaces.

10.6	N	8.5	3.7	7.0	3.3	r	5.2	1.3	t	5.3	3.4	h	6.8	10.7	B	8.5	3.0	e	6.8	3.3	i	2.0	3.0	t	5.3	10.7	W	11.3	2.4	e	6.8	2.3	s	6.7	2.1	t	5.4	10.6
26.5	F	7.9	2.7	u	6.8	4.1	i	2.0	4.0	i	2.0	3.3	e	6.8	3.4	r	5.2	1.3	t	5.3	2.4	o	7.0	3.3	n	6.8	10.7	R	8.5	2.7	d	6.8	26.5					
37.2	N	6.3	2.1	E	5.9	1.6	X	6.9	1.1	T	5.9	8.0	S	6.3	2.1	I	1.4	2.0	G	6.4	2.1	N	6.4	1.6	8.0	1.7	L	5.8	37.2									

LOCATION NO. 9
8S082S161R005.5 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT



9.0" Radius, 1.5" Border, White on Green;
 [Boul Ave] E Mod; [RIGHT LANE] E; [Scott] E Mod; [A F] E Mod 50% spacing; [Base] E Mod; [LEFT LANES] E;
 Table of widths and spaces.

34.7	B	8.5	3.0	o	7.0	3.3	u	6.8	4.1	I	2.0	10.7	A	10.6	1.7	v	8.0	2.1	e	6.8	34.7											
35.7	R	6.4	2.0	I	1.4	2.1	C	6.4	2.0	H	6.4	1.6	T	5.9	8.0	L	5.9	0.5	A	8.0	1.7	N	6.4	2.0	E	5.9	35.7					
-0.0		144.0	0.0																													
9.7	S	8.5	2.5	c	6.8	2.5	o	7.0	2.1	t	5.3	2.1	t	5.4	10.6	A	10.7	5.3	8.0	10.6	B	8.5	3.0	a	6.8	3.0	s	6.7	2.4	e	6.8	9.7
34.8	L	5.9	1.7	E	5.8	1.7	F	5.9	1.1	T	5.8	8.0	5.9	0.6	A	8.0	1.6	N	6.4	2.1	E	5.8	1.7	S	6.4	34.8						

LOCATION 8 & 9			
8S082S161R005.5			
COUNTY: ST. CLAIR	ROUTE: IL161 & BOUL	DIRECTION: SB & NB	
PAY ITEM	UNIT	QUANTITY	
MOBILIZATION	L SUM	0.11	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	EACH	1	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	0.28	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	0.5	
TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	0.5	
SIGN PANEL - TYPE 3	SQ FT	149	
REMOVE SIGN PANEL - TYPE 3	SQ FT	323	
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	812	
CONCRETE FOUNDATIONS	CU YD	2.8	
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1	
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2	
ELECTRICAL SERVICE DISCONNECT	EACH	1	
CONSTRUCTION LAYOUT	L SUM	0.11	

MODEL: Default
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PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/30/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 8 & 9
SIGN PANEL DETAILS & SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

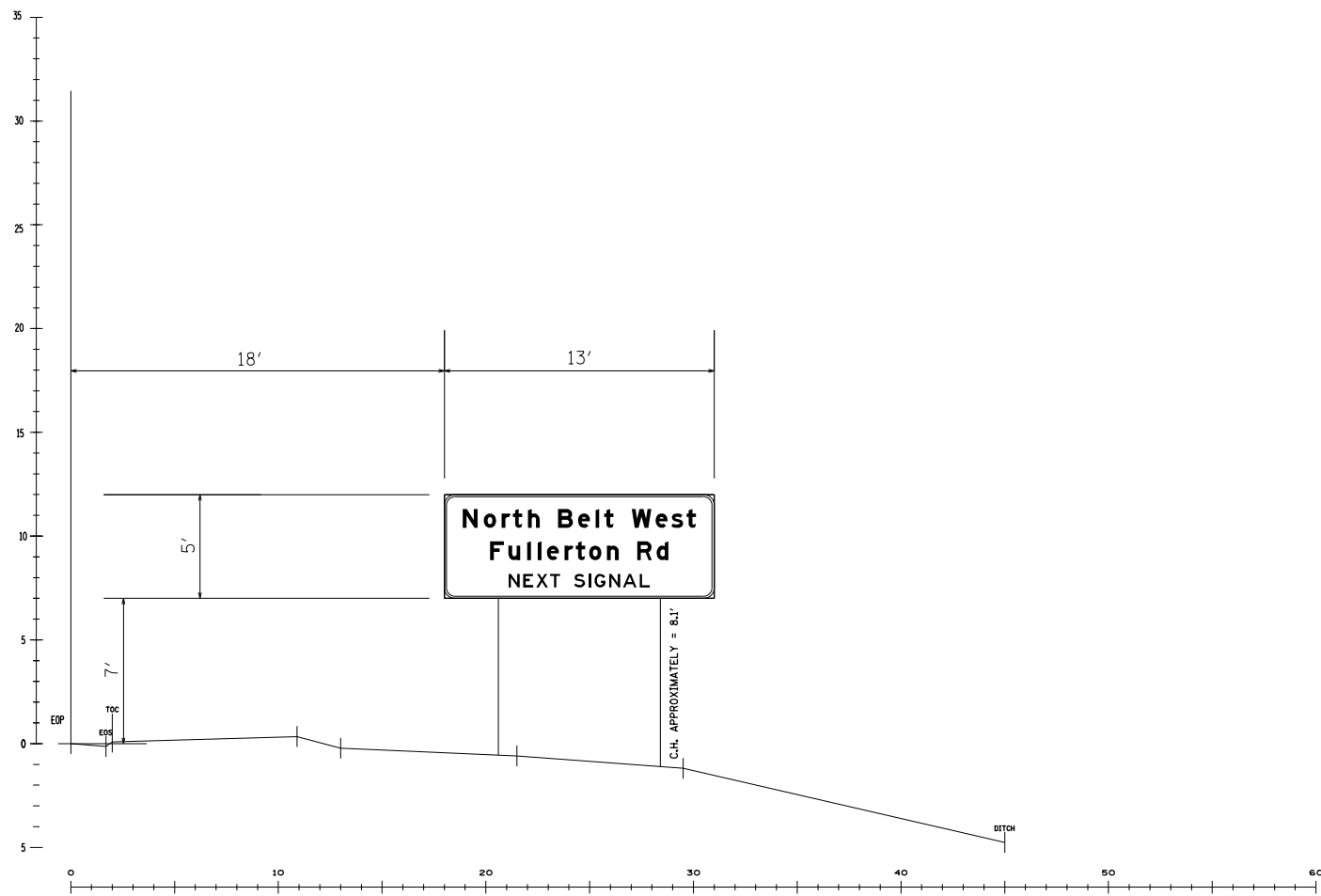
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	26
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS FED. AID PROJECT				

LOCATION NO. 8: IL161 & BOUL

LOCATION NO. 8
 CENTER OF SIGN TRUSS FOUNDATION
 SIGN PANEL SIZE – 156" X 60"

SIGN WIDTH = 13' (ESTIMATED 14')
 SIGN HEIGHT = 5'
 CLEAR HEIGHT APPROX. = 8.1'
 (ESTIMATED CLEAR HEIGHT = 10')

NUMBER OF POSTS = 2
 POSTS = W6 X 15

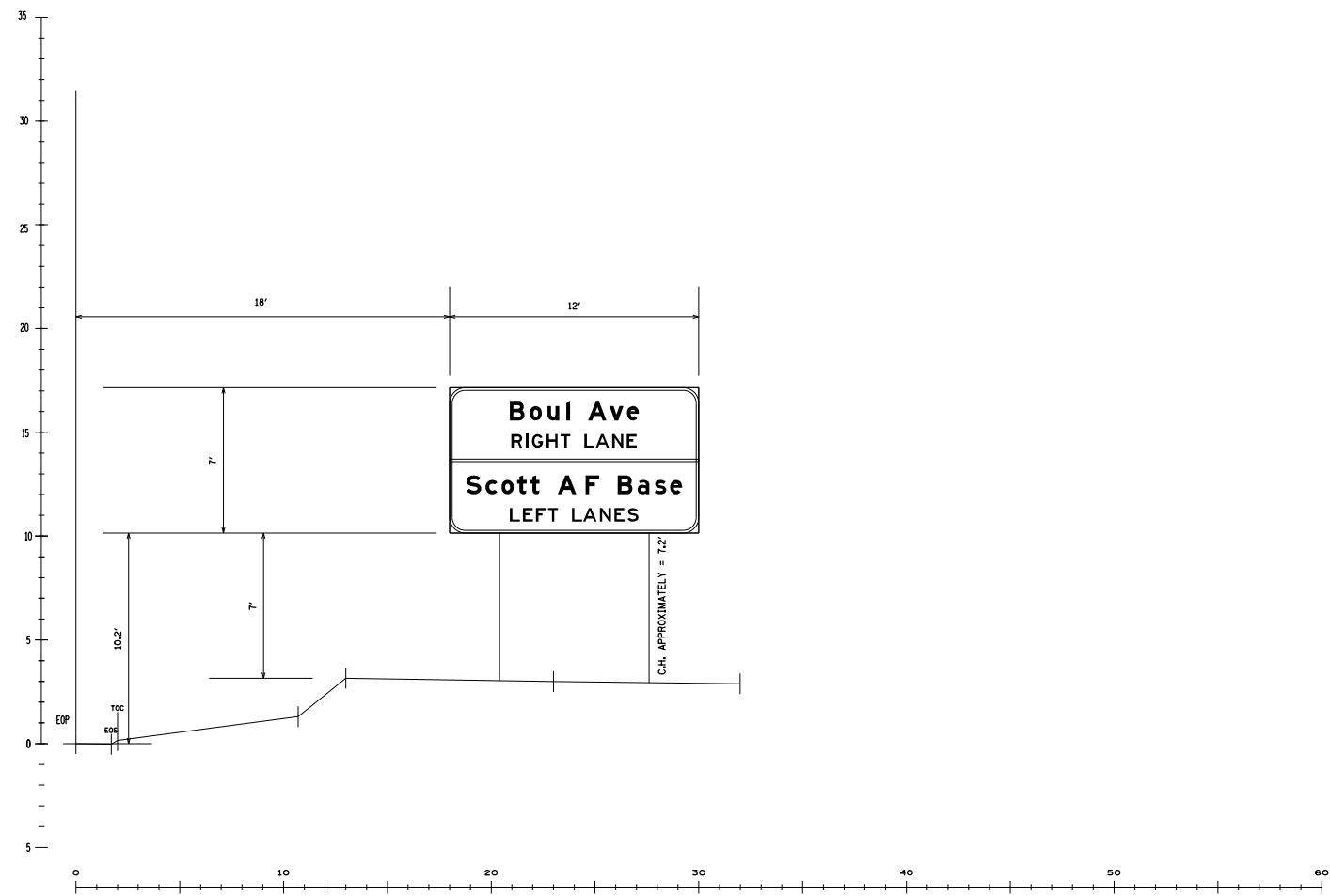


LOCATION NO. 9: IL161 & BOUL

LOCATION NO. 9
 CENTER OF SIGN TRUSS FOUNDATION
 SIGN PANEL SIZE – 144" X 84"

SIGN WIDTH = 12'
 SIGN HEIGHT = 7'
 CLEAR HEIGHT APPROX. = 7.2'
 (ESTIMATED CLEAR HEIGHT = 8')

NUMBER OF POSTS = 2
 POSTS = W6 X 15



NOTE: ESTIMATED DIMENSIONS ARE FOR DESIGN PURPOSES ONLY.

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISIONS -
PLOT DATE = 8/30/2018	CHECKED -	REVISIONS -
	DATE -	REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION 8 & 9
 SHOULDER MOUNT DETAILS

SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	27
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 10: IL158 SB & I-64

SCOPE OF WORK: REMOVE TRUSS AND REPLACE WITH GROUND MOUNT ON WIDE FLANGE.



LOCATION: 10-A



LOCATION: 10-B

MODEL: Default
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	DRAWN -	REVISED -
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PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

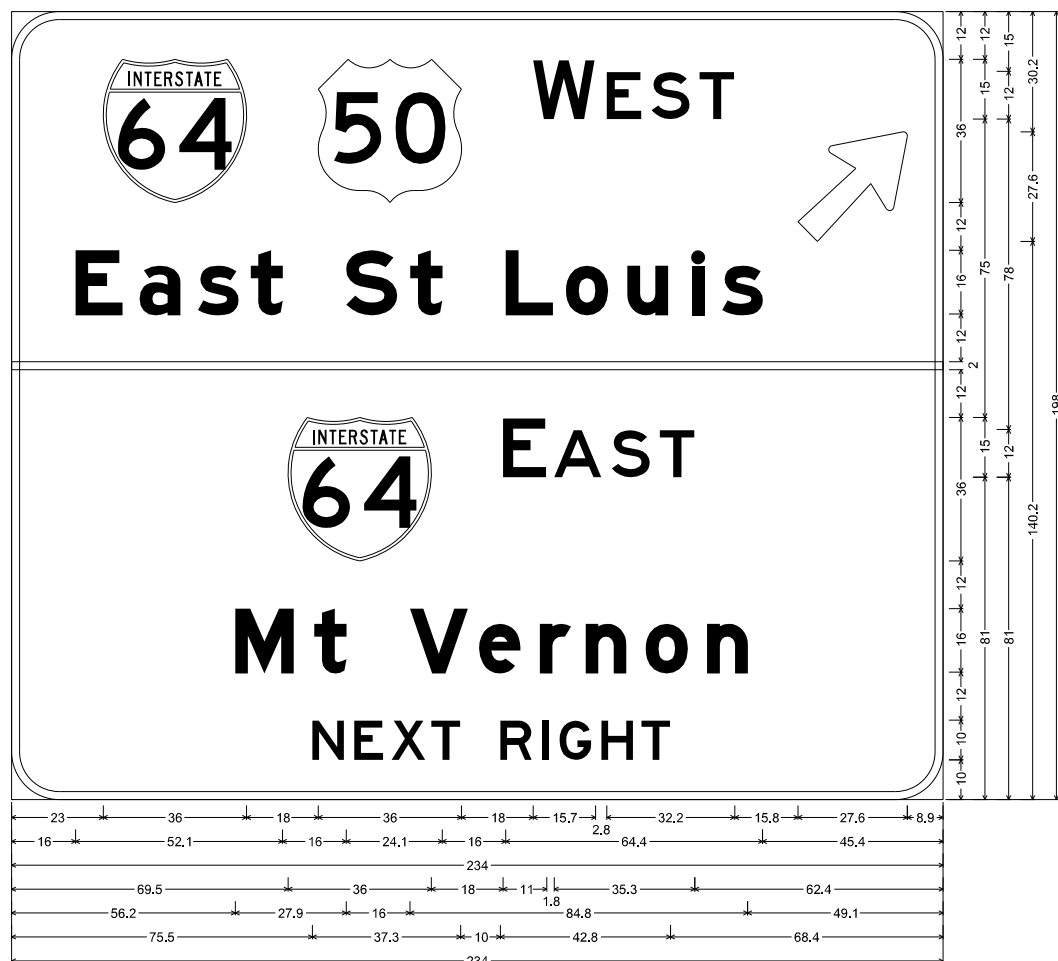
**LOCATION 10
SCOPE OF WORK AND LOCATION MAPS**

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D-8 OVD SIN STR REPL 19-01	*		55	28
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 10-A
8S082S158L024.1 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT

SM 10-A - SIGN PANEL 2 OF 2

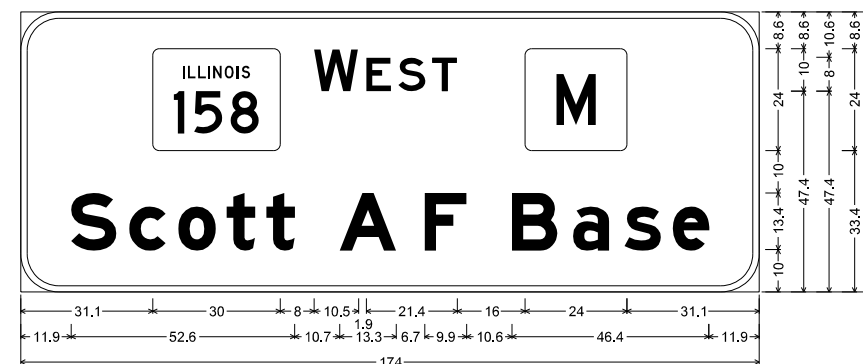


12.0" Radius, 2.0" Border, White on Green;
 [WEST] E; [East St Louis] E Mod; Arrow 160 - 35.0° 45°; [EAST] E; [Mt Vernon] E Mod; [NEXT RIGHT] E;
 Table of widths and spaces.

23.0	36.0	18.0	36.0	18.0	15.7	2.8	8.8	2.5	9.6	2.4	8.9	15.8	27.6	8.9	
16.0	11.9	4.3	10.1	4.5	10.1	3.2	8.0	16.0	12.7	3.4	8.0	16.0	11.8	3.3	
-0.0	234.0	0.0													
69.5	36.0	18.0	11.0	1.8	12.0	2.5	9.6	2.4	8.8	62.4					
56.2	14.7	5.2	8.0	16.0	14.6	2.8	10.2	5.0	7.8	3.7	10.2	4.9	10.5	4.9	
75.5	8.0	2.6	7.3	2.1	8.6	1.4	7.3	10.0	8.0	2.5	1.8	2.5	8.0	2.6	

LOCATION NO. 10-B
8S082S158L024.1 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT

SM 10-B - SIGN PANEL 1 OF 2



9.0" Radius, 1.5" Border, White on Green;
 [WEST] E; [Scott] E Mod; [A F] E Mod 50% spacing; [Base] E Mod;
 Table of widths and spaces.

31.1	30.0	8.0	10.5	1.9	5.8	1.7	6.3	1.7	5.9	16.0	24.0	31.1
11.9	10.6	3.1	8.4	3.1	8.8	2.6	6.7	2.7	6.6	10.7	13.3	6.7

LOCATION 10-A & 10-B		
8S082S158L024.1		
COUNTY: ST. CLAIR	ROUTE: IL158 & I-64	DIRECTION: SB
PAY ITEM	UNIT	QUANTITY
MOBILIZATION	L SUM	0.11
TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	0.14
SIGN PANEL - TYPE 3	SQ FT	402
REMOVE SIGN PANEL - TYPE 3	SQ FT	438
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	3400
CONCRETE FOUNDATIONS	CU YD	7.67
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2
ELECTRICAL SERVICE DISCONNECT	EACH	1
CONSTRUCTION LAYOUT	L SUM	0.11

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 10			
SIGN PANEL DETAILS & SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D-8 OVD SIN STR REPL 19-01	*	55	29
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 10: IL158 SB & I-64

LOCATION NO. 10-A - 1 OF 2
 CENTER OF SIGN TRUSS FOUNDATION
 SIGN PANEL SIZE - 234" X 198"

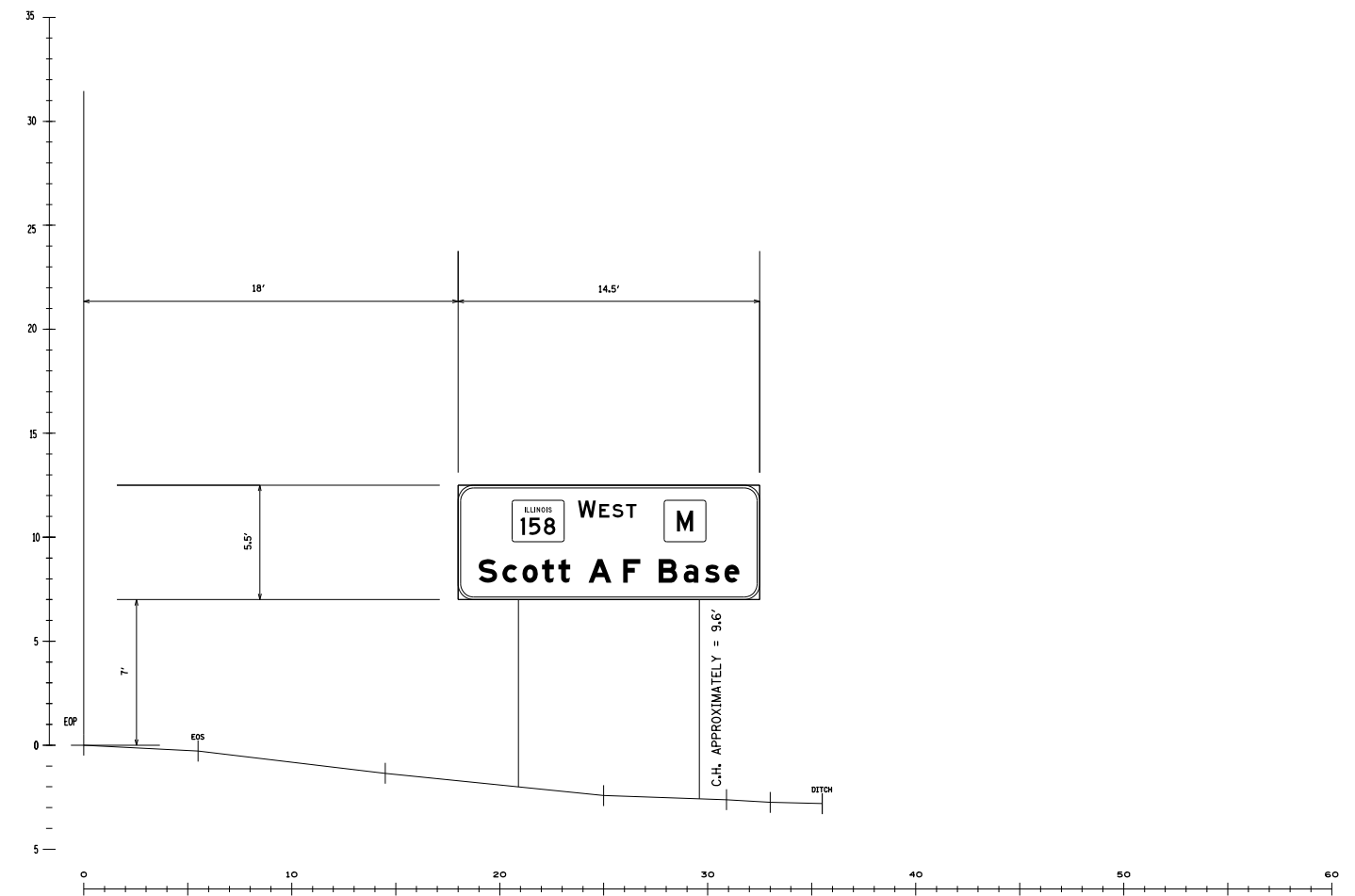
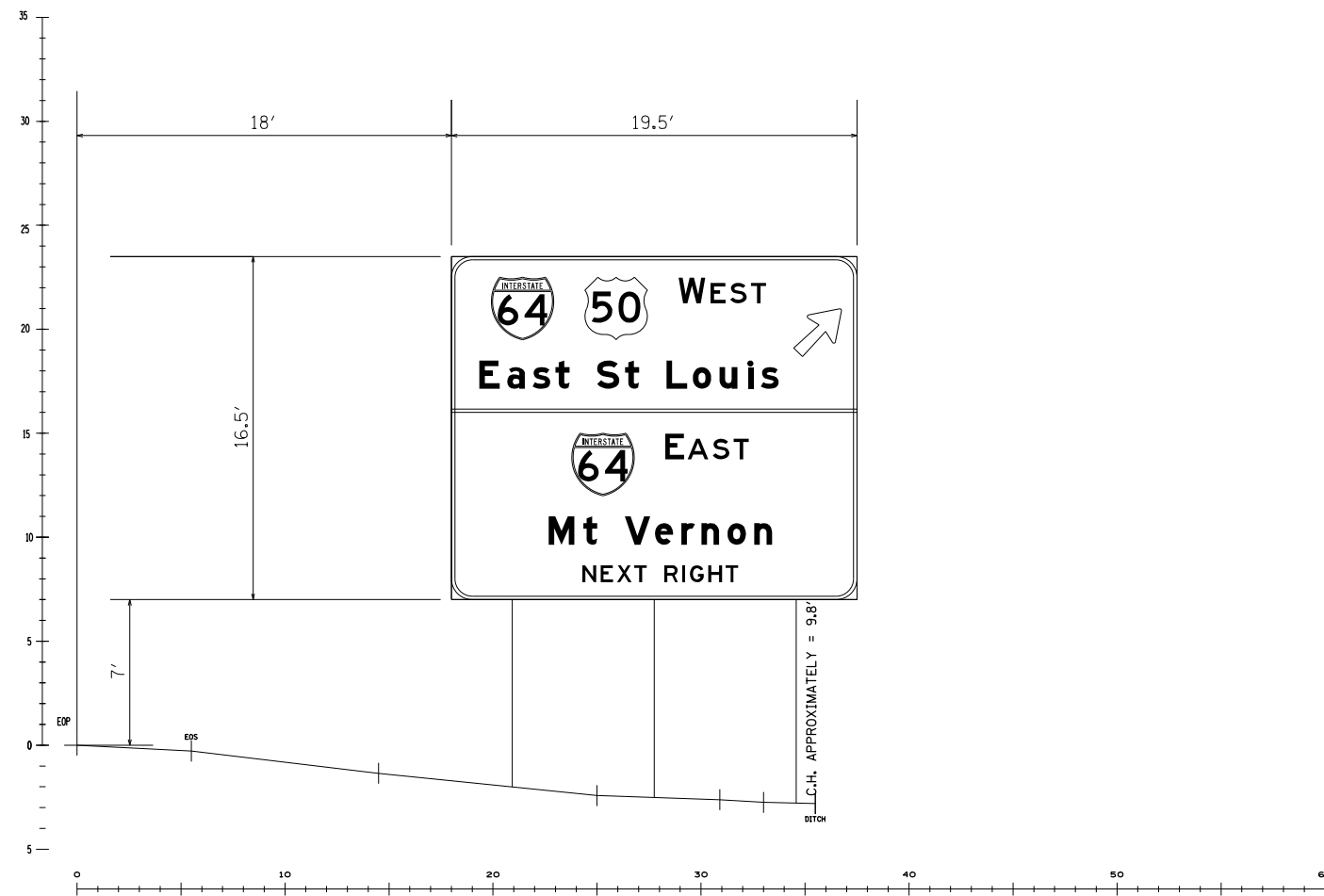
SIGN WIDTH = 19.5' (ESTIMATED 20')
 SIGN HEIGHT = 16.5' (ESTIMATED 18')
 CLEAR HEIGHT APPROX. = 9.8'
 (ESTIMATED CLEAR HEIGHT = 10')

NUMBER OF POSTS = 3
 POSTS = W14 X 38

LOCATION NO. 10-B - 2 OF 2
 200' NORTH OF SM 10
 SIGN PANEL SIZE - 174" X 66"

SIGN WIDTH = 14.5' (ESTIMATED 16')
 SIGN HEIGHT = 5.5' (ESTIMATED 6')
 CLEAR HEIGHT APPROX. = 9.6'
 (ESTIMATED CLEAR HEIGHT = 10')

NUMBER OF POSTS = 2
 POSTS = W6 X 15



NOTE: ESTIMATED DIMENSIONS ARE FOR DESIGN PURPOSES ONLY.

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 10
 SHOULDER MOUNT DETAILS**

SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D-8 OVD SIN STR REPL 19-01		*	55	30
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 11: IL158 NB & I-64

SCOPE OF WORK: REMOVE TRUSS AND REPLACE WITH GROUND MOUNT ON WIDE FLANGE.



LOCATION: 11-A



LOCATION: 11-B

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USER NAME = bergmd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 11 SCOPE OF WORK AND LOCATION MAPS				
SCALE: N/A	SHEET 1	OF 3	SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	31
*VARIOUS		CONTRACT NO. 46496		
		ILLINOIS	FED. AID PROJECT	

**LOCATION NO. 11-A
8S082S158R023.5 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT**

SM 11-A - SIGN PANEL 1 OF 1

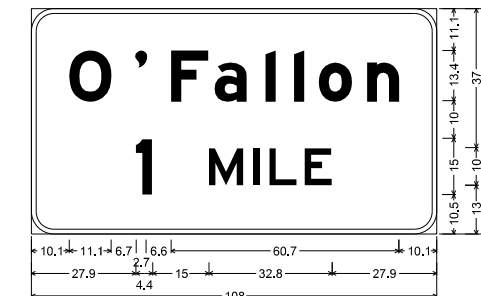


12.0" Radius, 2.0" Border, White on Green;
[EAST] E; [Mt Vernon] E Mod; Arrow 160 - 35.0° 45°; [WEST] E; [East St Louis] E Mod; [NEXT RIGHT] E;
Table of widths and spaces.

31.1	36.0	12.0	11.1	1.8	12.0	2.5	9.6	2.4	8.8	28.3	27.5	14.9
14.9	27.9	16			84.8						54.4	
198												
25.7	36	12	36	12	15.7	32.1	25.7					
12.7	52	16	24.1	16	2.8	64.5	12.7					
54	37.2	10	42.8	54								
198												
31.1	36.0	12.0	11.1	1.8	12.0	2.5	9.6	2.4	8.8	28.3	27.5	14.9
14.9	27.9	16			84.8						54.4	
198												
25.7	36	12	36	12	15.7	32.1	25.7					
12.7	52	16	24.1	16	2.8	64.5	12.7					
54	37.2	10	42.8	54								
198												

**LOCATION NO. 11-B
8S082S158R023.5 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT**

SM 11-B - SIGN PANEL 1 OF 1



6.0" Radius, 1.3" Border, White on Green;
[O] E Mod; ['] E Mod 50% spacing; [Fallon] E Mod;
[1 MILE] E;
Table of widths and spaces.

10.1	11.1	6.7	2.7										
	6.6	9.9	1.7	8.5	5.1	2.5	5.1	2.5	4.1	8.7	4.1	8.5	10.1

LOCATION 11-A & 11-B		
8S082S158R023.5		
COUNTY: ST. CLAIR	ROUTE: IL158 & I-64	DIRECTION: NB
PAY ITEM	UNIT	QUANTITY
MOBILIZATION	L SUM	0.11
TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	0.14
SIGN PANEL - TYPE 3	SQ FT	318
REMOVE SIGN PANEL - TYPE 3	SQ FT	384
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	2224
CONCRETE FOUNDATIONS	CU YD	5.58
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2
ELECTRICAL SERVICE DISCONNECT	EACH	1
CONSTRUCTION LAYOUT	L SUM	0.11

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION 11			
SIGN PANEL DETAILS & SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	32
	*VARIOUS		CONTRACT NO. 46496	
	ILLINOIS	FED. AID PROJECT		

LOCATION NO. 13: IL157 & I-55/70

SCOPE OF WORK: REMOVE TRUSS AND REPLACE WITH GROUND MOUNT ON WIDE FLANGE.



LOCATION: 13

MODEL: Default
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USER NAME = bergmd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 13
SCOPE OF WORK AND LOCATION MAPS**

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	34
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS FED. AID PROJECT				

LOCATION NO. 13
8S060S157R001.0 (EXISTING STRUCTURE NO.)
SIGN SHOULDER MOUNT

SM 13 – SIGN PANEL 1 OF 1



12.0" Radius, 2.0" Border, White on Green;
 [NORTH] E Mod; [EAST] E Mod; [Chicago] E Mod; [Indianapolis] E Mod;
 Arrow 160 - 35.0" 0";

Table of widths and spaces.

20.0	N	12.0	3.5	O	10.0	3.1	R	9.5	2.5	T	8.9	2.5	H	9.5	30.0	E	11.2	1.8	A	12.0	2.5	S	9.6	2.5	T	8.9	20.0									
32.8		36.0	49.0		36.0	26.2																														
41.6	C	12.8	5.2	h	10.2	6.2	i	3.0	4.9	c	10.1	3.7	a	10.2	4.9	g	10.2	4.9	o	10.5	41.6															
13.7	i	3.2	6.5	n	10.2	4.9	d	10.2	6.2	i	3.0	4.9	a	10.1	6.2	n	10.1	5.0	a	10.1	6.1	p	10.2	3.5	o	10.5	4.9	i	3.0	6.1	i	3.0	4.5	s	10.2	13.7
72.5		35.0	72.5																																	

NOTE: SCHEDULE OF QUANTITIES IS FOR LOCATION 13 & 14.

LOCATION 13 & 14		
8S060S157R001.0		
COUNTY: MADISON	ROUTE: IL157 AT I-55/70	DIRECTION: SB & NB
PAY ITEM	UNIT	QUANTITY
MOBILIZATION	L SUM	0.12
TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	EACH	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	0.5
TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	0.5
SIGN PANEL - TYPE 3	SQ FT	631
REMOVE SIGN PANEL - TYPE 3	SQ FT	901
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1854
OVER SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	116
OVER SIGN STRUCTURE WALKWAY, TYPE A	FOOT	50
CONCRETE FOUNDATIONS	CU YD	27.8
DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	11
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2
FURNISH AND INSTALL HANDRAIL	FOOT	50
ELECTRICAL SERVICE DISCONNECT	EACH	1
CONSTRUCTION LAYOUT	L SUM	0.12

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 13			
SIGN PANEL DETAILS & SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 2	OF 3	SHEETS
STA.	TO STA.		

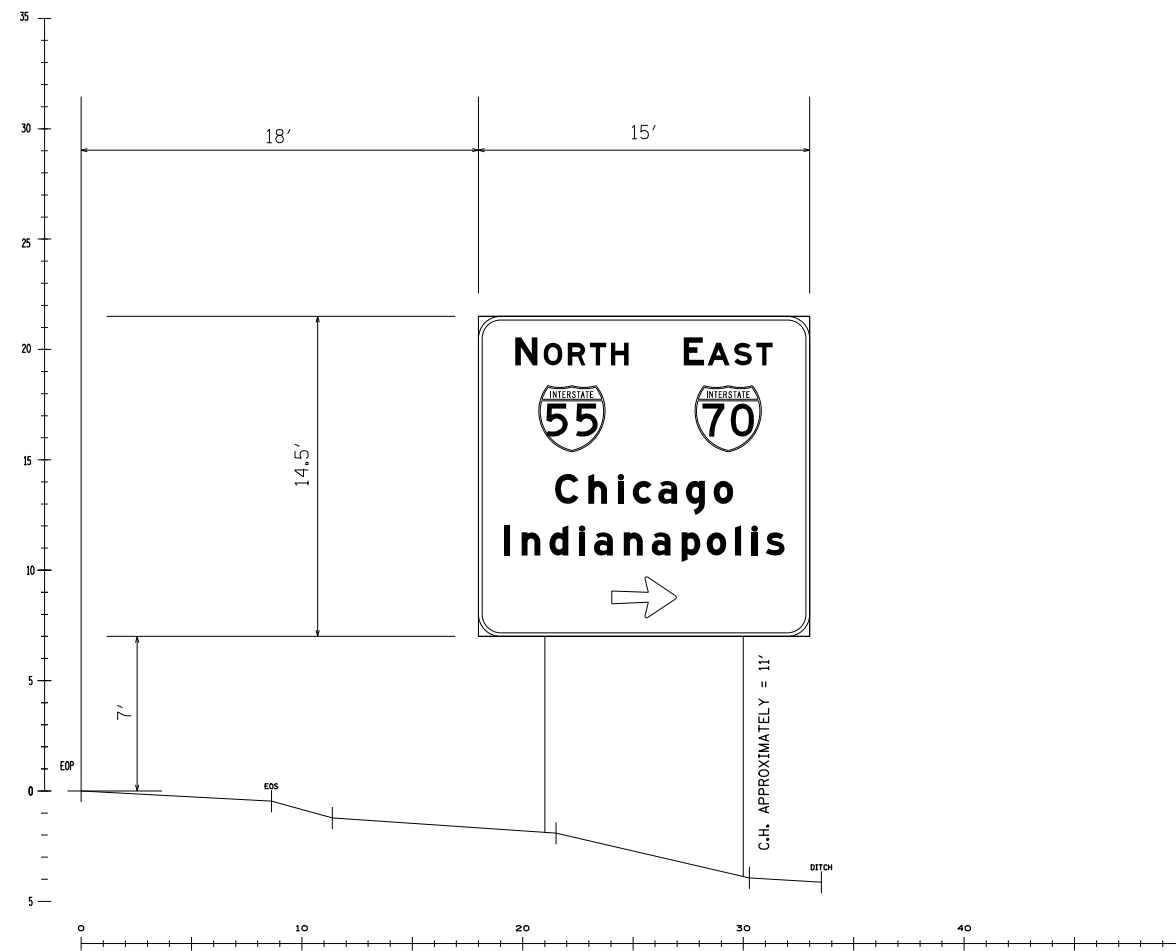
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	35
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		

LOCATION NO. 13: IL157 AT I55/70

LOCATION NO. 13
 250' FROM MEDIAN NOSE
 SIGN PANEL SIZE - 180" X 174"

SIGN WIDTH = 15' (ESTIMATED 16')
 SIGN HEIGHT = 14.5' (ESTIMATED 15')
 CLEAR HEIGHT APPROX. = 11'
 (ESTIMATED CLEAR HEIGHT = 12')

NUMBER OF POSTS = 2
 POSTS = W14 X 38



NOTE: ESTIMATED DIMENSIONS ARE FOR DESIGN PURPOSES ONLY.

MODEL: Default
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LOCATION 13
 SHOULDER MOUNT DETAILS**

SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	36
*VARIOUS			CONTRACT NO. 46496	
		ILLINOIS	FED. AID PROJECT	

LOCATION NO. 14: IL157 & I-55/70

SCOPE OF WORK: REMOVE AND REPLACE TRUSS 100' FROM MEDIAN NOSE.



LOCATION: 14

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	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION 14
SCOPE OF WORK AND LOCATION MAPS**

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	37
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS FED. AID PROJECT				

LOCATION NO. 14
8S060S157R001.0 (EXISTING STRUCTURE NO.)
SIGN TRUSS MOUNT

TM 14 – SIGN PANEL 1 OF 2



12.0" Radius, 2.0" Border, White on Green;
 [NORTH] E Mod; [EAST] E Mod; [Chicago] E Mod; [Indianapolis] E Mod; Arrow 160 • 35.0" 180";
 Table of widths and spaces.

N	O	R	T	H	E	A	S	T																	
20.0	12.0	3.5	10.0	3.1	9.5	2.5	8.9	2.5	9.5	30.0	11.2	1.8	12.0	2.5	9.6	2.5	8.9	20.0							
32.8	36.0	49.0	36.0	26.2																					
C	H	I	C	A	G	O	I	N	D	I	A	N	A	P	O	L	I	S							
41.6	12.8	5.2	10.2	6.2	3.0	4.9	10.1	3.7	10.2	4.9	10.2	4.9	10.5	41.6											
I	N	D	I	A	N	A	P	O	L	I	S														
13.7	3.2	6.5	10.2	4.9	10.2	6.2	3.0	4.9	10.1	6.2	10.1	5.0	10.1	6.1	10.2	3.5	10.5	4.9	3.0	6.1	3.0	4.5	10.2	13.7	
72.5	35.0	72.5																							

TM 14 – SIGN PANEL 2 OF 2



12.0" Radius, 2.0" Border, White on Green;
 [SOUTH] E Mod; [WEST] E Mod; [St Louis] E Mod; [Memphis] E Mod; [NEXT LEFT] E;
 Table of widths and spaces.

S	O	U	T	H	W	E	S	T										
16.1	12.0	2.7	10.1	3.1	9.5	2.5	8.9	2.5	9.5	30.0	15.9	2.8	8.9	2.4	9.6	2.5	8.9	16.1
28.5	36.0	49.0	36.0	23.6														
S	T	L	O	U	I	S	M	E	M	P	H	I	S					
34.7	12.8	3.3	8.0	16.0	11.9	3.2	10.5	4.9	10.2	6.2	3.0	4.5	10.1	34.7				
M	E	M	P	H	I	S												
33.2	14.8	5.5	10.2	5.0	16.9	6.1	10.2	4.9	10.2	6.2	3.0	4.4	10.2	33.2				
N	E	X	T	L	E	F	T											
45.9	8.0	2.6	7.3	2.1	8.6	1.4	7.3	10.0	7.3	2.1	7.3	1.4	7.4	45.9				

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PLOT DATE = 8/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 14
SIGN PANEL DETAILS

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	38
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

ELECTRICAL GENERAL NOTES-TRAFFIC SIGNALS

1. THE REMOVAL OF ELECTRIC TRAFFIC SIGNAL CABLES, AS INDICATED ON PLANS, DEEMED NOT REUSABLE BY THE ENGINEER SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR DISPOSAL OR SALVAGE.
2. ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI -SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
3. BACKPLATES SHALL BE RETROREFLECTIVE ABS PLASTIC.
4. ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
5. UTILITIES - LOCATIONS / INFORMATION ON PLANS ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:












- Ameren Illinois (GAS & ELECTRIC)
- AT&T Illinois (COMMUNICATIONS)
- Charter Communications, Inc. (CABLE TV)
- Department of Central Management Services (COMMUNICATIONS)
- City of East St. Louis (LIGHTING)
- City of Edwardsville (WATER & SANITARY SEWER)
- Village of Glen Carbon (WATER & SANITARY SEWER)
- Illinois American Water Company (WATER)

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY * . NON- J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

ELECTRICAL GENERAL NOTES-LIGHTING

1. ANY DAMAGE SUSTAINED TO THE LIGHTING UNIT DURING REMOVAL OPERATIONS SHALL BE REPAIRED, OR REPLACED IN KIND, TO THE SATISFACTION OF THE ENGINEER.
2. THE RELOCATION OF THE SIGN LIGHTING SYSTEM SHALL BE INSTALLED IMMEDIATELY AT THE NEW LOCATION. IF THE EXISTING ELECTRIC CABLES ARE NOT OF SUFFICIENT LENGTH TO MAKE THE NEW CONNECTION, A NEW CONTINUOUS SPAN OF ELECTRIC CABLES, OF EQUAL OR BETTER QUALITY, SHALL BE INSTALLED AT NO ADDITIONAL COST.
3. CONDUIT AND FITTINGS SHALL BE ALUMINUM ON ALUMINUM PORTIONS OF STRUCTURE AND GALVANIZED STEEL ON GALVANIZED STEEL PORTIONS OF STRUCTURE TO AVOID GALVANIC REACTIONS. ALL ELBOWS, TEES AND ENTRANCE FITTINGS, BOXES AND HOUSINGS SHALL BE GASKETED RAIN TIGHT.

TRAFFIC SIGNALS LEGEND

-  EXISTING SIGNAL POST
-  EXISTING TRAFFIC SIGNAL MAST ARM
-  EXISTING HANDHOLE
-  EXISTING DOUBLE HANDHOLE
-  EXISTING HEAVEY DUTY HANDHOLE
-  EXISTING DETECTOR LOOP
-  EXISTING CONTROLLER
-  EXISTING SERVICE INSTALLATION
-  EXISTING CONDUIT
-  PROPOSED TRAFFIC SIGNAL MAST ARM
-  PROPOSED TRAFFIC SIGNAL

SCHEDULE OF QUANTITIES

CODE NO.	ITEM	UNIT	QTY.	IL 157 & I-55/I-70 S Ramp/Ramada Blvd	NB Tudor Piggott Ramp	NB IL 157 & SIUE/Edwardsville Exit
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	357	357	0	0
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	95	95	0	0
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1	1	0	0
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15	15	0	0
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	1	1	0	0
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	1	1	0	0
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	5	5	0	0
89502100	REBUILD EXISTING SIGNAL HEAD	EACH	1	1	0	0
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	408	408	0	0
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	1098	1098	0	0
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1	0	0
** 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	0	0
** X8040100	ELECTRIC CONNECTION TO SIGN STRUCTURE	EACH	3	1	1	1

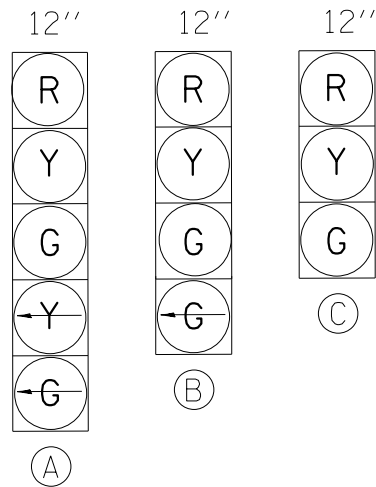
** SPECIAL PROVISION IS REQUIRED.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL RELOCATION
GENERAL NOTES, LEGEND & SCHEDULE OF QUANTITIES

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	39
VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

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



PROPOSED TRAFFIC SIGNAL FACES

TRUSS NW-EXHHO1, EX. 2" COND.-7'
RELOC EX SIG HEAD-1 (EACH)
REM ELCBL FR CON-23'

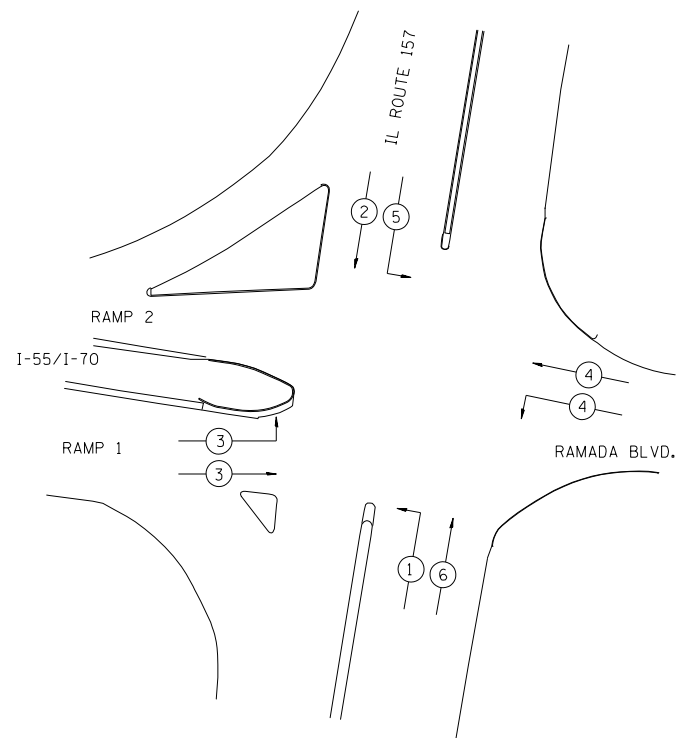
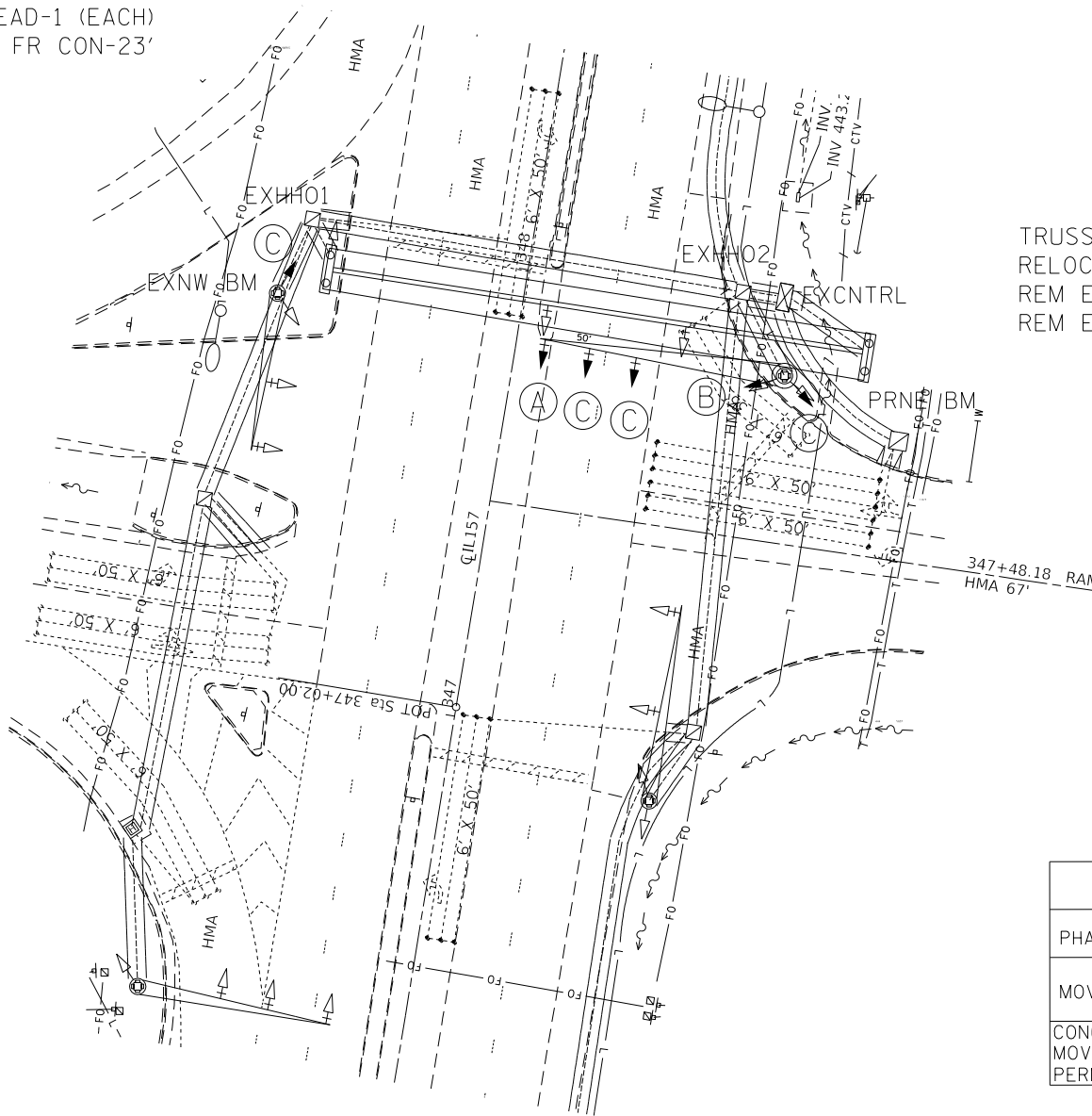
EXHHO1-EXHHO2, EX. 3.5" COND.-93'
3-REM & RE ELCBL FR CON-100' (EACH)
ELCBL C SIGNAL 14 5C-100'
REM ELCBL FR CON-100'

29-REM & RE ELCBL FR CON-22' (EACH)
3-ELCBL C SIGNAL 14 5C-22' (EACH)
3-REM ELCBL FR CON-22' (EACH)

EXNW BM-EXHHO1, EX. 2" COND.-15'
REM & RE ELCBL FR CON-72'
REM & RE ELCBL FR CON-57'
REM & RE ELCBL FR CON-31'
ELCBL C SIGNAL 14 5C-31'
REBUILD EX SIG HEAD-1 (EACH)

TRUSS NW-EXCNTRL, EX. 2" COND.-7'
RELOC EX SIG HEAD-2 (EACH)
REM ELCBL FR CON-125'
REM ELCBL FR CON-94'

PRNE BM-EXHHO2, EX. 2" COND.-19'
REMOV EX CONC FDN-1 (EACH)
ELCBL C SIGNAL 14 7C-95'
ELCBL C SIGNAL 14 5C-85'
ELCBL C SIGNAL 14 5C-75'
RELOC EX SIG HEAD-2 (EACH)
SEE NOTE #1



PHASE DESIGNATION DIAGRAM

EXISTING FULL-ACTUATED CONTROLLER

EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT							NOT USED	NOT USED
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2		

NOTE:

1. THERE WILL BE ONE NEW SIGNAL HEAD (1-FACE, 3-SECTION MAST ARM MOUNTED) AT PRNE BM LOCATION. OTHER SIGNAL HEADS, SHOWN AS PROPOSED, WILL BE RELOCATED FROM EXISTING SIGN TRUSS AND TS POST.

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PLOT DATE = 8/30/2018	DATE -	REVISED -



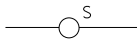

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

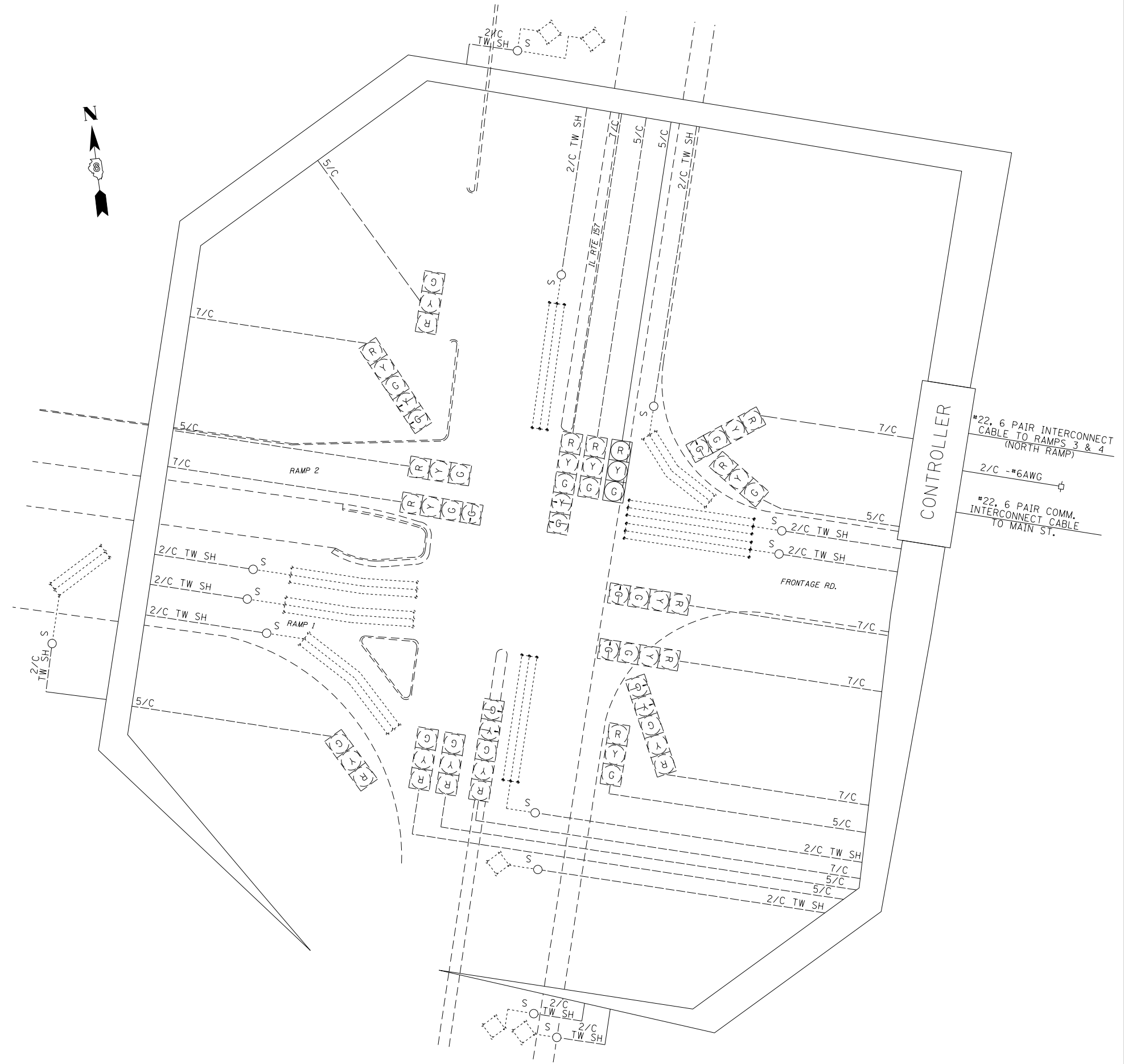
**TRAFFIC SIGNAL & SIGN LIGHTING RELOCATION
TRAFFIC SIGNAL PLAN - IL 157 & RAMADA BLVD**

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	40
VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		

CABLE DIAGRAM LEGEND

-  PROPOSED ELECTRIC CABLE IN CONDUIT
-  EXISTING ELECTRIC CABLE IN CONDUIT
-  EXISTING CABLE SPLICE
- 2/C** INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH** TWISTED AND SHIELDED CABLE
- #6** INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTOR
-  EXISTING SERVICE INSTALLATION



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PLOT DATE = 8/30/2018	DATE -	REVISED -

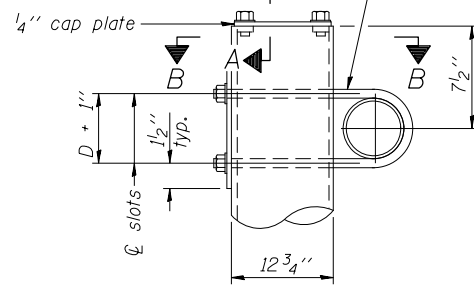
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL RELOCATION
CABLE DIAGRAM - IL 157 & RAMADA BLVD

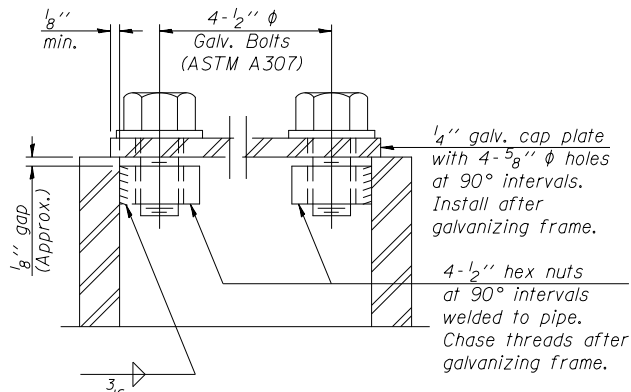
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F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	41
VARIOUS			CONTRACT NO. 46496	
		ILLINOIS	FED. AID PROJECT	

3/4" φ stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
1 3/16" x 2" slots on 12" φ pipe.
(4 slots required per pipe)

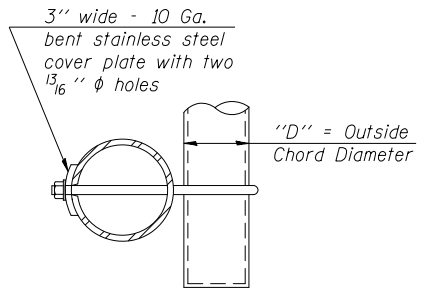


DETAIL A

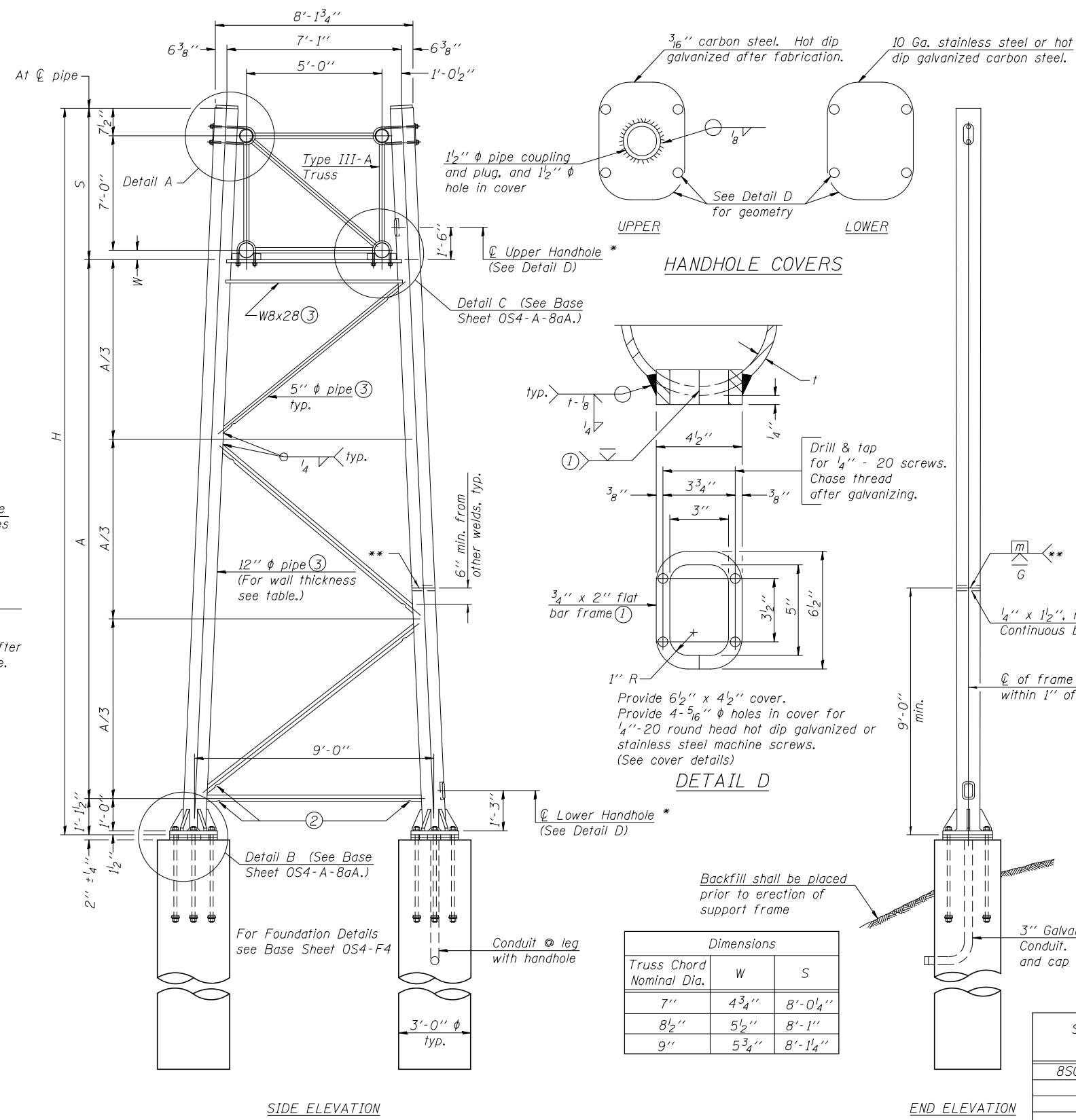


SECTION A-A

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



SECTION B-B



SIDE ELEVATION

END ELEVATION

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

- ① 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.
- ② 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.
- ③ 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.
- ④ See General Notes for fasteners.
- ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- ⑥ "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.

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"

Structure Number	Station	Support		Pipe Wall Thickness	H (6)	A
		Left	Right			
8S060S157R000.9	LOCATION 14	X	X	0.33	27.72	18.57

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OS4-A-8a

6-1-12

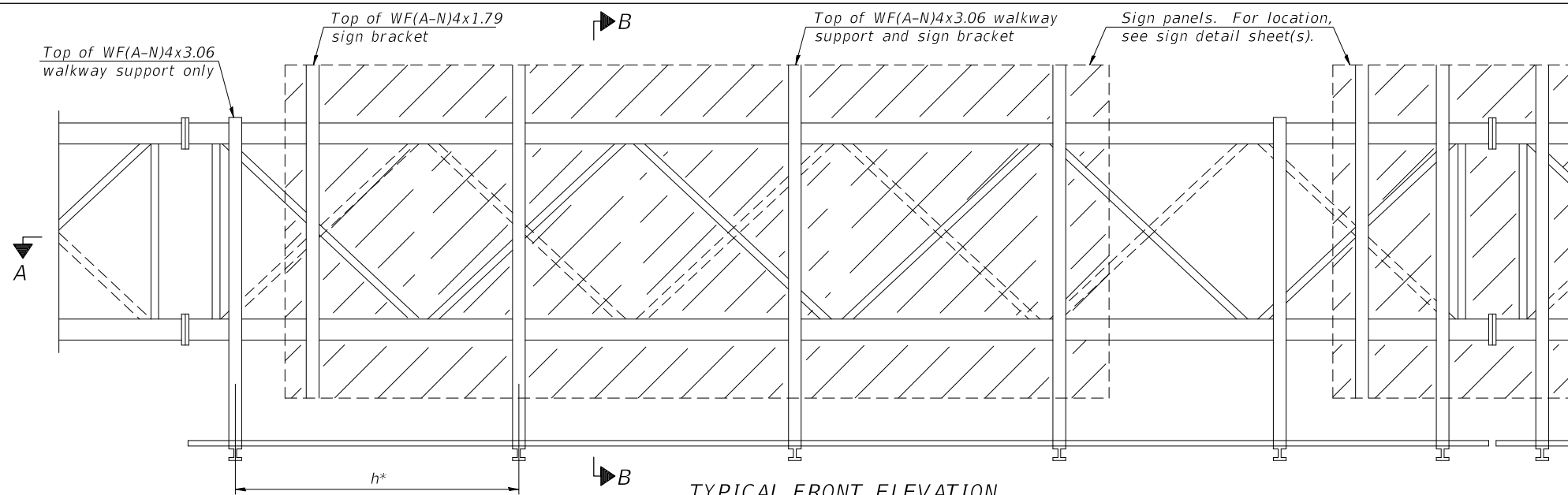
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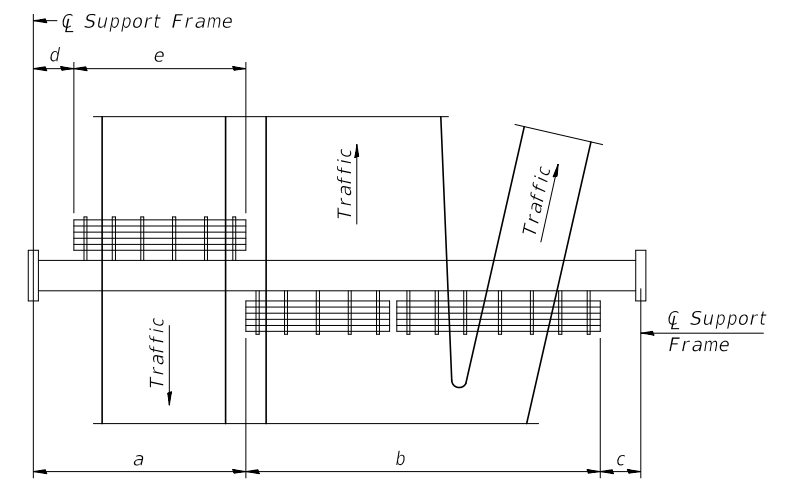
OVERHEAD SIGN STRUCTURES - SUPPORT FRAME
FOR TYPE III-A ALUMINUM TRUSS

SCALE: N/A SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	46
*VARIOUS			CONTRACT NO. 46496	
ILLINOIS		FED. AID PROJECT		



TYPICAL FRONT ELEVATION
 With lights and handrail omitted for clarity.
 For Section B-B, see Base Sheet 05-A-10.



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

BRACKET TABLE

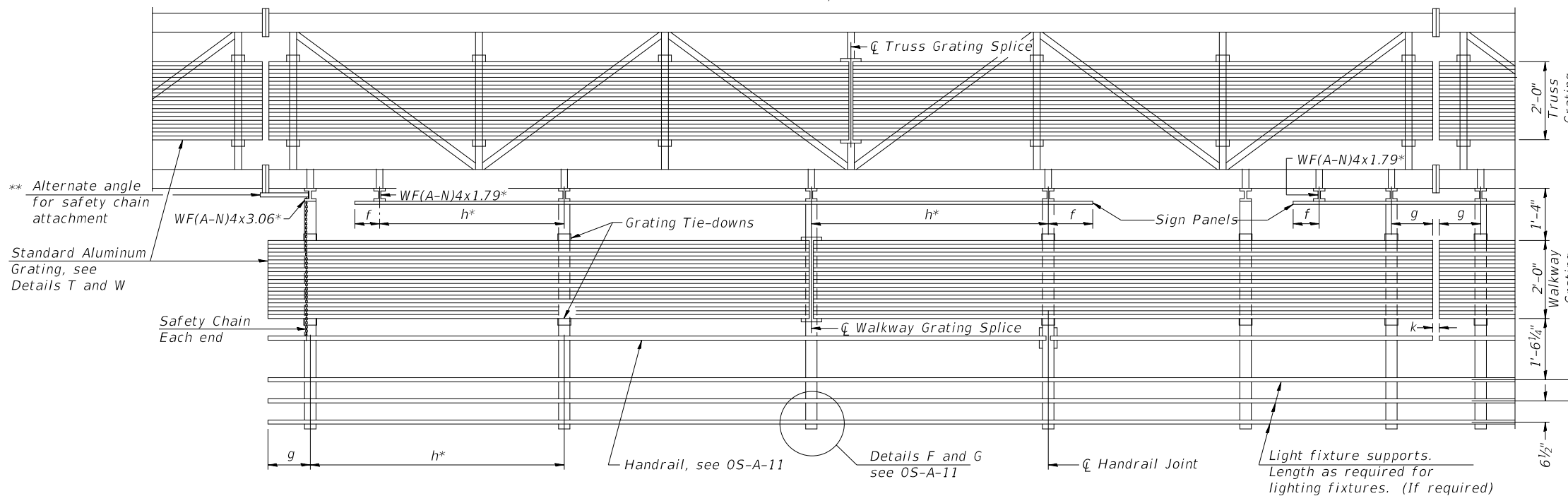
WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

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 ϕ of nearest bracket)
 $g = 12"$ maximum, $4"$ minimum (End of walkway grating to ϕ of nearest support bracket)
 $h = 6'-0"$ maximum (ϕ to ϕ 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 05-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet 05-A-10.

For Handrail Details see Base Sheet 05-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
8S060S157R000.9	LOCATION 14	55'-0"	49'-2"	11'-10"	----	----	49'-2"

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

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

05-A-9

2-17-2017

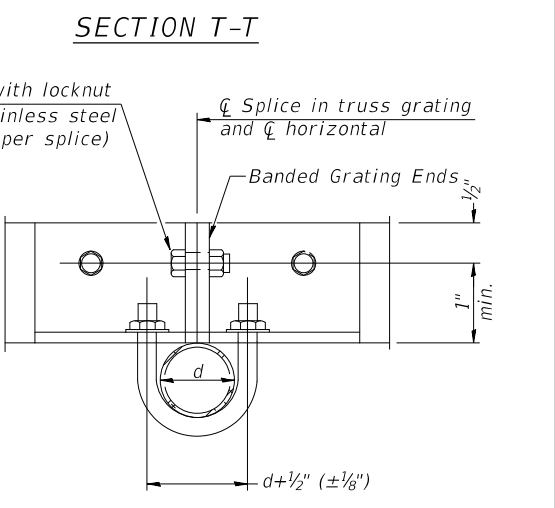
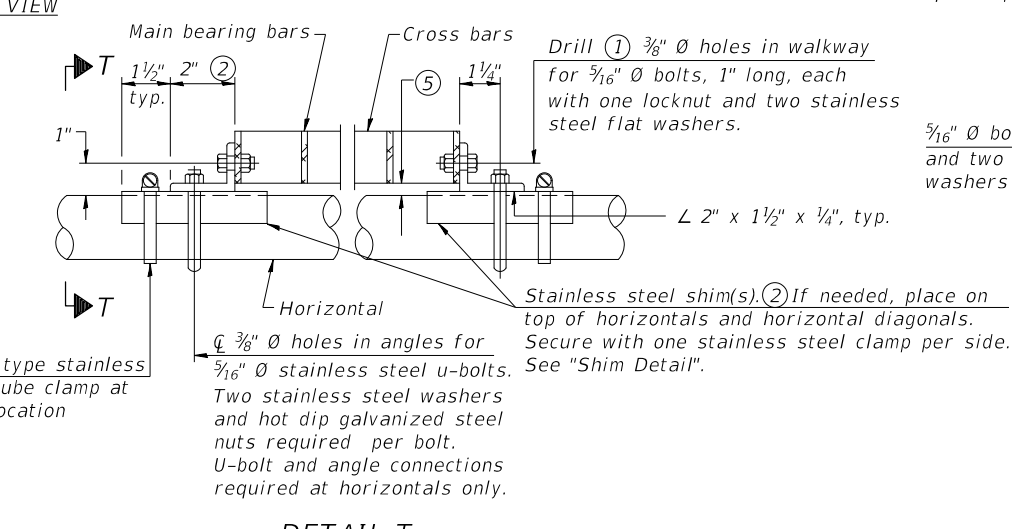
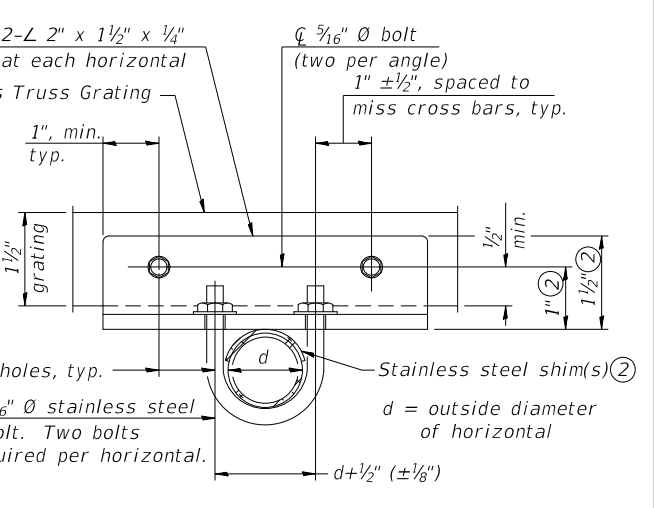
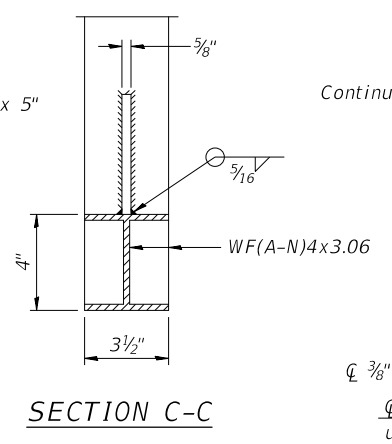
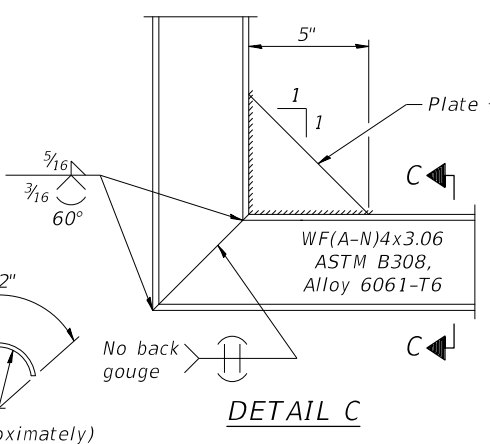
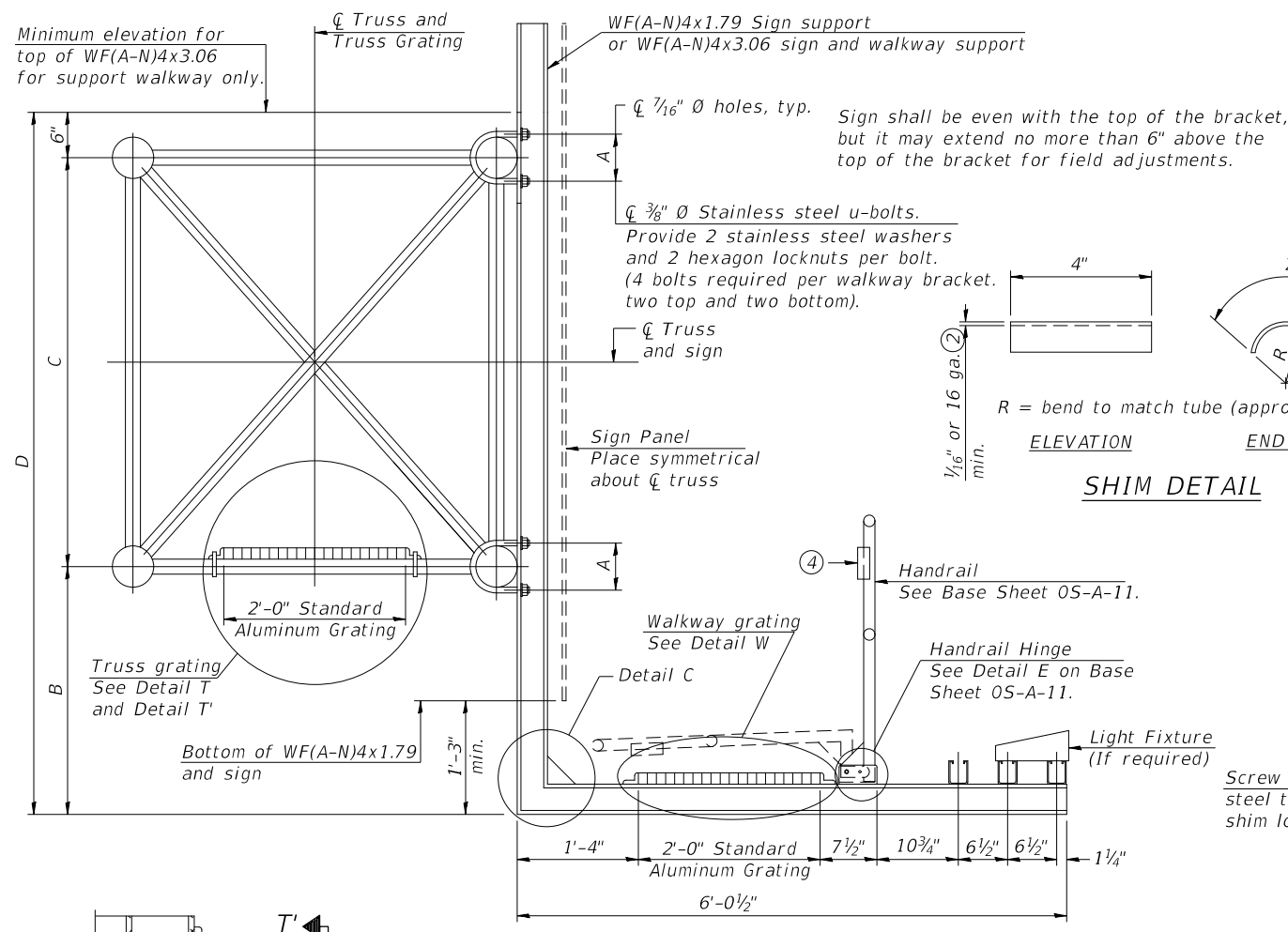
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	DATE -	REVISED -

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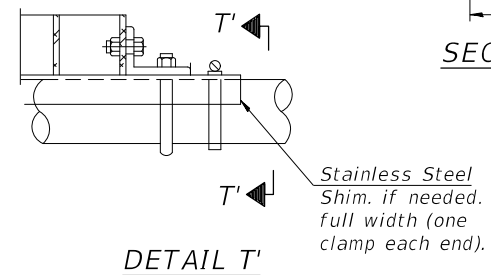
OVERHEAD SIGN STRUCTURES ALUMINUM WALKWAY DETAILS	
SCALE: N/A	SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	48
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		

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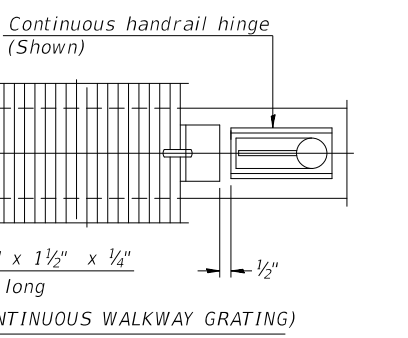
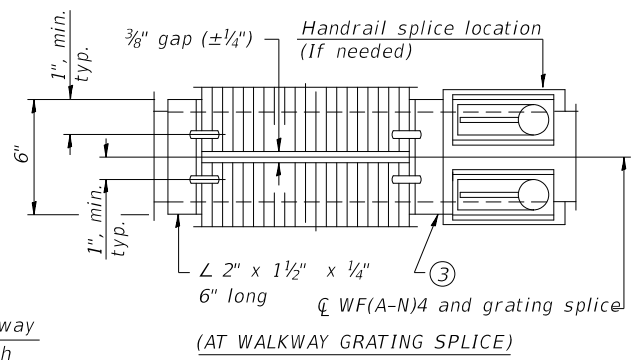


SECTION B-B



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.



SECTION W-W

SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B221 Alloy 6061-T6.
 Cross bars 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 "t" 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
8S060S157R000.9	LOCATION 14	7'-3"	5'-3"	7'-0"	12'-3"

- 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 0S-A-11.)
- 2" x 1/2" x 1/4" 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 0S-A-1.

0S-A-10

2-17-2017

USER NAME	DESIGNED	REVISED
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PLOT DATE = 8/30/2018	DATE -	REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS**

SCALE: N/A SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D-8 OVD SIN STR REPL 19-01	*	55	49
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		

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BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
v4(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 (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 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.

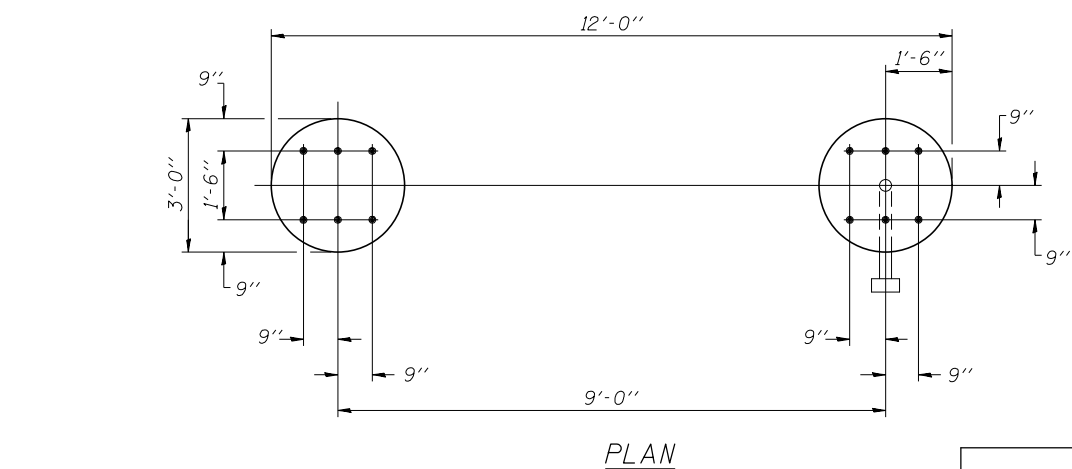
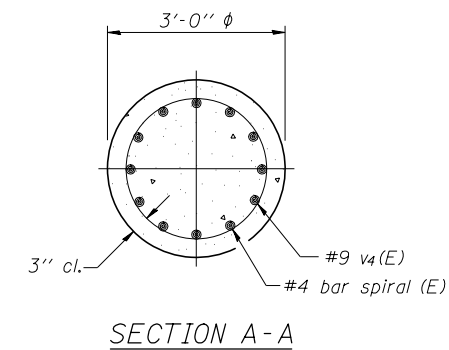
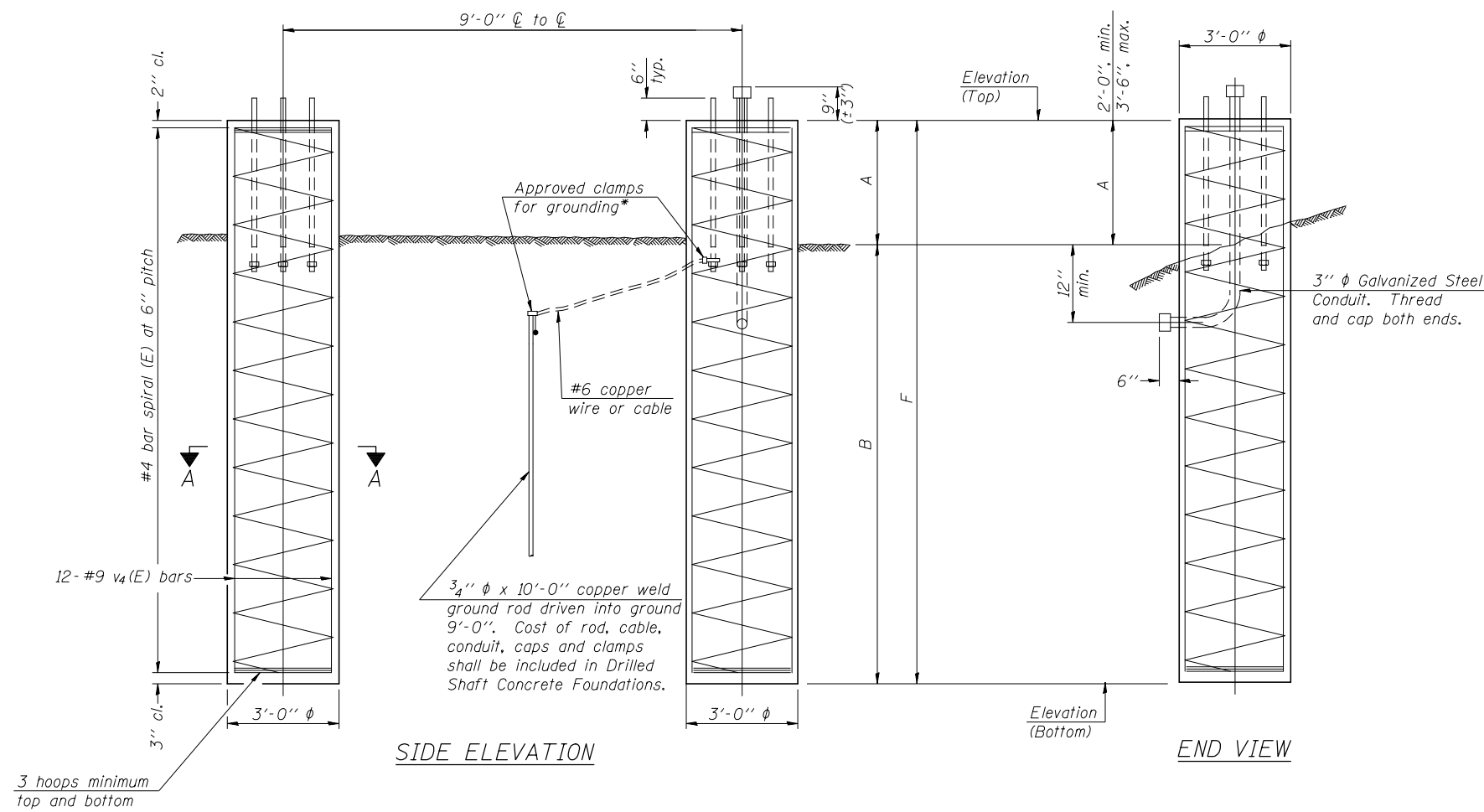
No sonotubes or decomposable forms shall be used below the lower conduit entrance.

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 Concrete 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	
8S060S157R000.9	LOCATION 14	447.34	423.79	3.05	18.00	21.05	----	----	----	----	----	11.0

OS4-F4

8-21-13

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	DATE -	REVISED -

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**OVERHEAD SIGN STRUCTURES
DRILLED SHAFT DETAILS**

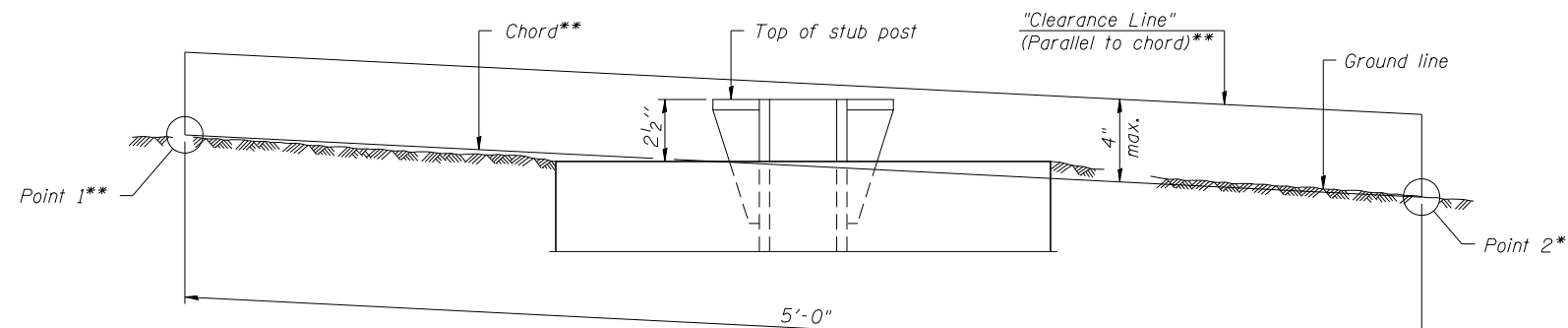
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*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		

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"	3/2"	1 1/4"	3/4"	1/2"	11/32"	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"	3/2"	1 1/4"	3/4"	1/2"	11/32"	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"	3/4"	1 3/8"	1"	1/2"	13/32"	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"	3/4"	1 3/8"	1"	1/2"	13/32"	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"	15/32"	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"	15/32"	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"	15/32"	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"	17/32"	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"	17/32"	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"	—	—	—	—	—	—	—	—	—	—	—	—	
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"	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"	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"	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"
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"	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"	3/4" x 2 1/2"	3/4" x 2 1/2"



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.

MODEL: Default
FILE: \\nrc\p\1108\B&E\ID\NTEC\Illinois\gov\PI\DOT\Documents\1\DOT_Offices\Illinet\B\proj\cts\10816198\CADD\DATA\CAD\PROJECTS\10816198\pfe.pban.dgn

BAW-A-2

6-1-12

USER NAME = bergmd	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/30/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BREAK-AWAY WIDE FLANGE
STEEL SIGN POST TABLES

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D-8 OVD SIN STR REPL 19-01	*	55	53
*VARIOUS		CONTRACT NO. 46496		
ILLINOIS		FED. AID PROJECT		

(Sheet 2 of 2)

