STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

VARIOUS ROUTES

D-4 OVD SIN STR REPL 2011-29

KNOX & PEORIA COUNTIES

C-60-029-11

INDEX OF SHEETS

NO. DESCRIPTION

COVER SHEET

SUMMARY OF QUANTITIES

SCHEDULE OF LOCATIONS FOR DISTRICT 4

STANDARDS
701006-03
701101-02
701201-04
701301-04
701400-05
701406-06
701411-07
701446-02
701901-01
720021-02

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

SUBMITTED DEC. 10 20 10

ENGINEER OF OPERATIONS

ENGINEER OF OPERATIONS

CONTRACTOR DIVISION OF HIGHWAYS

DIRECTOR DIVISION OF HIGHWAYS

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATIONS PHONE: 800-892-0123

CONTRACT NO. _____46152

FEE WAY	USER MANE .	DESIGNED -	REVISED -			F.A.	SECTION		TOTAL SHE	ÆT
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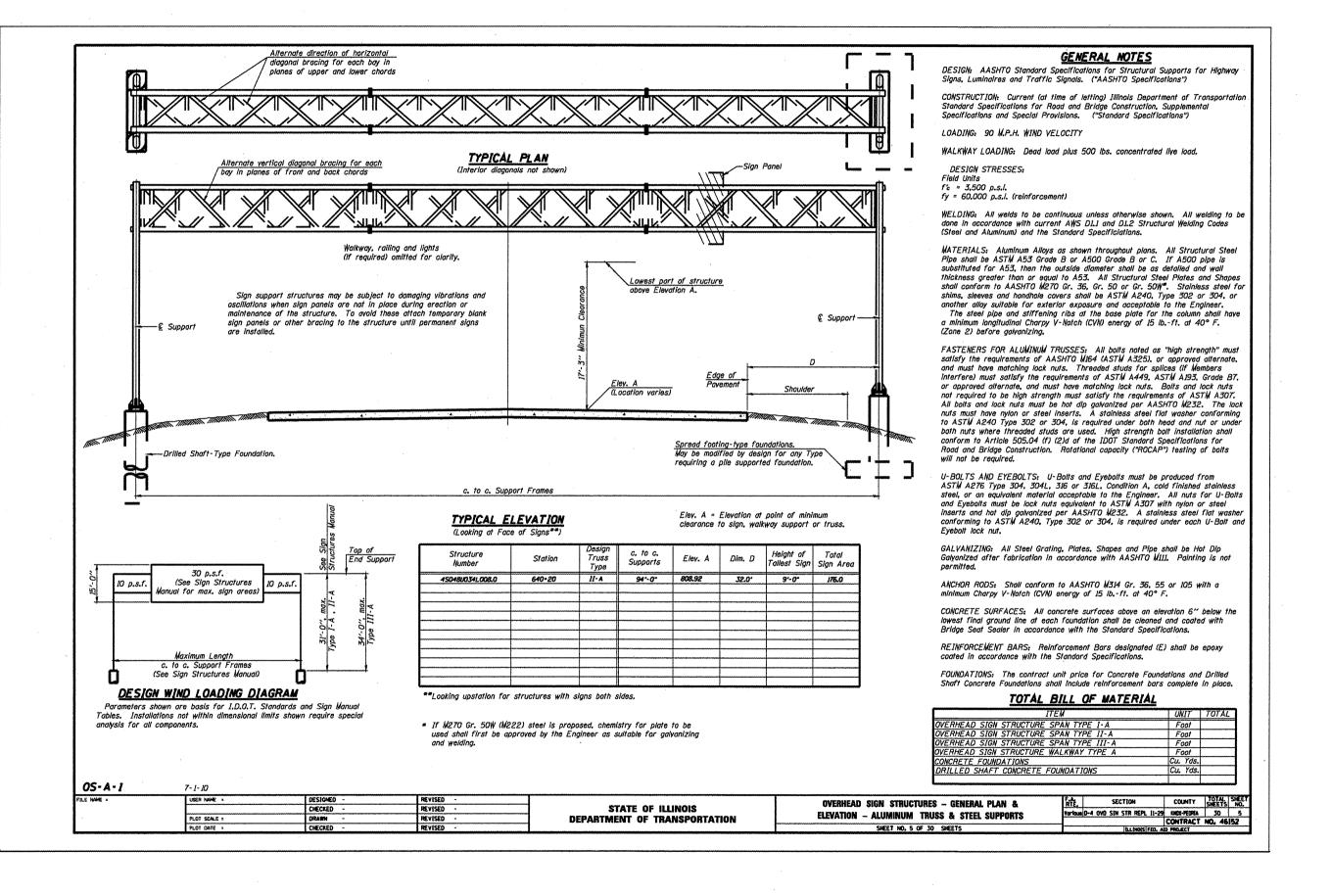
CODE NUMBER	РАУПЕМ	UNIT	100% STATÉ TOTAL	PEORIA URBAN	KNOK
07400400	MODILITATION	I Critis	QUANTITY	0.50	0040
67100100	MOBILIZATION	LSUM	1.00	0.50	0.50
2120107X	TRAFFIC CONTROL & PROTECTION (SPECIAL)	LSUM	1.00	0.50	0.50
73300200	OVERHEAD SIGN STRUCTURE-SPAN; TYPE I-A (4'-6" X 5'-3")	FOOT	94.00		94.00
73302170	OVERHEAD SIGN STRUCTURE-CANTILEVER, TYPE II-C-A (36" X 5"-6")	FOOT	30.00		30.00
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CUYD	7.12		7.12
73600100	REMOVE OVERHEAD SIGN STRUCTURE-SPAN	EACH	1.00		1.00
73600200	REMOVE OVERHEAD SIGN STRUCTURE-CANTILEVER	EACH	1.00		1.00
73700300	REMOVE CONCRETE FOUNDATION-OVERHEAD	EACH	1:00		1.00
73801100	REMOVE AND REERECT OVERHEAD SIGN STRUCTURE-SPAN	EACH	1.00	1.00	
T9990205	FURNISH AND ERECT SIGN PANEL AND	SQFT	4,124.00	3,574.00	550.00
T9990710	REMOVE REINSTALL WALKWAY	FOOT	163.50		163.50
T9991300	REMOVE EXISTING SIGN PANEL	EACH	17.00	14.00	3.00
T9992530	REPLACE AND TIGHTEN SIGN MOUNTING CLIPS PER EACH SIGN	EACH	7.00	2.00	5.00
T9995010	REMOVE AND RE-ERECT OVERHEAD SIGNED SUPPORT	EACH	2.00	2.00	
T9995200	REPLACE U-BOLT	EACH	3.00		3.00
T9995210	TIGHTEN U-BOLT	EACH	3.00	3.00	
T9995400	FURNISH AND INSTALL SADDLE BLOCK	EACH	4.00		4.00
T9996200	REPAIR CONCRETE FOUNDATION FOR OVERHEAD SIGN STRUCTURE	EACH	4.00	4.00	7,.00
T9996300	OVERHEAD SIGN SUPPORT GROUT REPAIR	EACH	4.00	4.00	
T9997255	FURNISH AND INSTALL TRUSS DAMPER	EACH	1.00		1.00
T9997700	FURNISH INSTALL SAFETY CHAIN	EACH	12.00	6.00	6.00
T9998105	REPLACE HAND-HOLE COVER BOLT	EACH	8.00	2.00	6.00
T9998300	TIGHTEN SPLICE FLANGE	EACH	1:00	1.00	
T9998600	TIGHTEN CANTILEVER CONNECTION	EACH	1.00	1.00	
T9998700	FURNISH AND INSTALL WALKWAY TIE DOWN BOLTS	EACH	1.00	1.00	
T9998815	REPAIR HANDRAIL LOCKING PIN CONNECTION	EACH	36,00	26.00	10.00
T9998910	FURNISH AND INSTALL METAL SCREEN	EACH	1.00		1.00
T9998992	RELOCATE ELECTRIC SERVICE	L SUM	1,00		1,00
T9998995	(AND) DISCONNECT RECONNECT ELECTRIC SERVICE	EACH	6.00	3.00	3.00
X0321631	REMOVAL OF LUMINAIRE	EACH	21.00	12.00	9.00
			40.00	20.00	20.00
X0323583		CAL DA			
X7330100	PAINT OVERHEAD SIGN SUPPORT	EACH	12.00	8.00	4.00

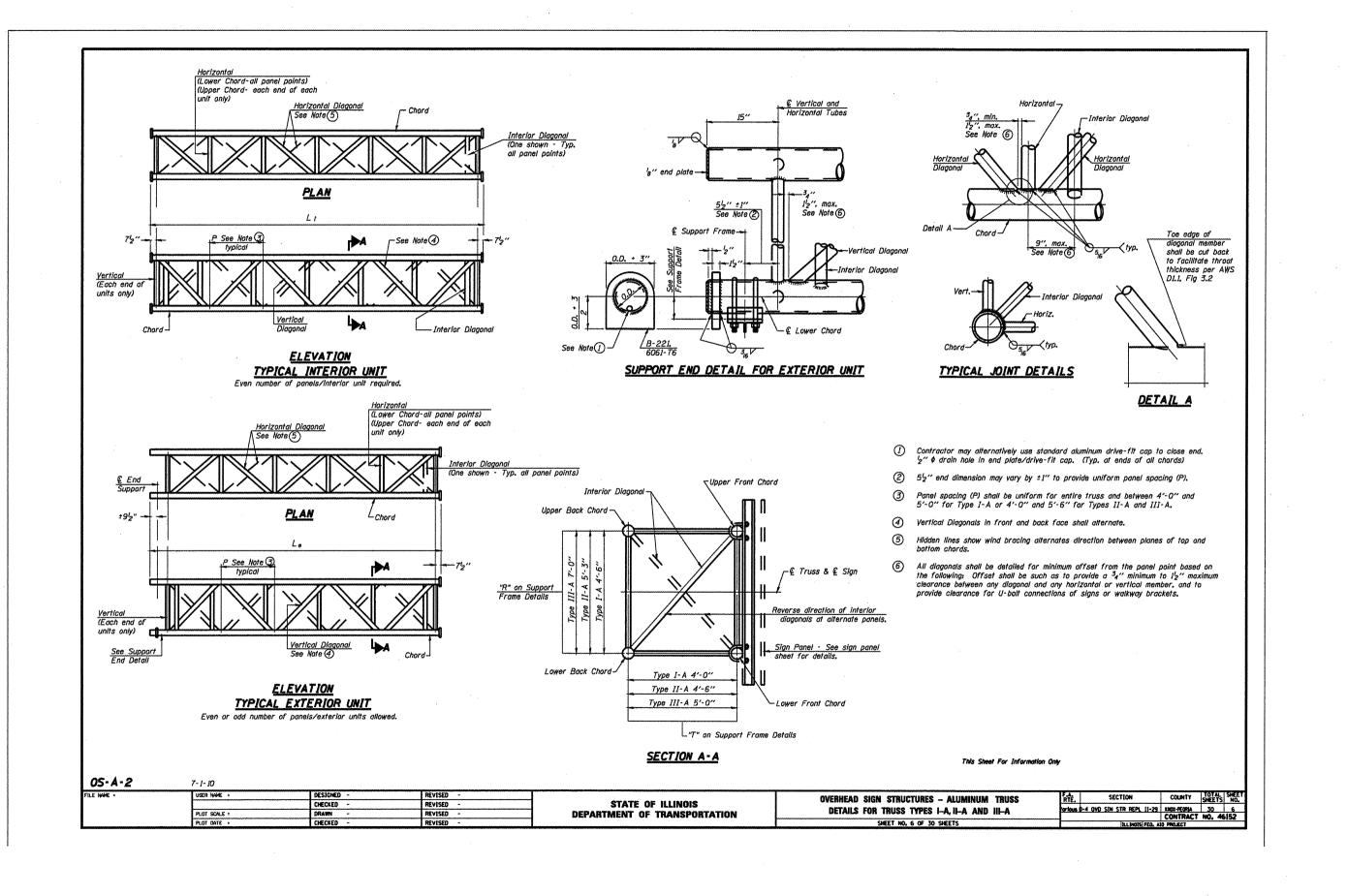
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	PLOT SCALE : SECALES	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT NO. 46152
	PLOT DATE : SOATES	DATE -	REVISED -		SCALE: SHE	EET NO. 2 OF 30	SHEETS STA.	TO STA.	BLEMOS PEO. AND PROJECT

РАУПЕМ	UNIT	Y002 - 1C 100% STATE TOTAL	DISTRICT 1	DISTRICT 2	DISTRICT 3	DISTRICT 4	DISTRICT 5	DISTRICT 6	DISTRICT 7	DISTRICT 8	DISTRIC
MOBILIZATION:	LSUM	1.00				1.00					
TRAFFIC CONTROL & PROTECTION	LSUM	1.00				1.00					
OVERHEAD SIGN STRUCTURE-SPAN, TYPE II-A (4'-6" X, 5'-3")	FOOT	94.00				94.00					
OVERHEAD SIGN STRUCTURE-CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	30.00				30.00					
DRILLED SHAFT CONCRETE FOUNDATIONS	CUYD	7.12				7.12					
REMOVE OVERHEAD SIGN STRUCTURE-SPAN	EACH	1.00				1.00					
REMOVE OVERHEAD SIGN STRUCTURE-CANTILEVER	EACH	1.00				1.00					
REMOVE CONCRETE FOUNDATION-OVERHEAD	EACH	1.00				1.00					
REMOVE AND REERECT OVERHEAD SIGN STRUCTURE-SPAN	EACH	1.00				1.00					
FURNISH AND ERECT SIGN PANEL	SQFT	4,124.00				4,124.00					
REMOVE & REINSTALL WALKWAY	FOOT	163.50				163.50					
REMOVE EXISTING SIGN PANEL	EACH	17.00				17.00					
REPLACE/TIGHTEN CLIPS PER SIGN	EACH	7.00				7,00					
REMOVE AND REINSTALL OVERHEAD SIGN END SUPPORT	EACH	2.00				2.00					
REPLACE U-BOLT	EACH	3.00				3.00					
TIGHTEN U-BOLTS	EACH	3.00				3,00					
FURNISH AND INSTALL SADDLE BLOCK	EACH	4.00				4.00					
REPAIR CONCRETE FOUNDATION FOR OVERHEAD SIGN STRUCTURE	EACH	4.00			: x	4.00					
OVERHEAD SIGN SUPPORT GROUT REPAIR	EACH	4.00				4.00					
FURNISH AND INSTALL TRUSS DAMPER	EACH	1.00				1,00					
FURNISH & INSTALL SAFETY CHAIN	EACH	12.00				12.00					
			*************						***********		
REPLACE HAND-HOLE COVER BOLT	EACH	8.00				8.00					
TIGHTEN SPLICE FLANGE	EACH	1.00				1.00					
TIGHTEN CANTILEVER CONNECTION	EACH	1.00				1.00					
FURNISH AND INSTALL WALKWAY TIE DOWN BOLTS	EACH	1.00				1.00					
REPAIR HANDRAIL LOCKING PIN CONNECTION	EACH	36.00				36.00					
FURNISH AND INSTALL METAL SCREEN	EACH	1.00				1.00					
RELOCATE ELECTRIC SERVICE	EACH	1.00				1.00					
DISCONNECT/RECONNECT ELECTRIC SERVICE	EACH	6.00				6.00					
REMOVE LUMINAIRE	EACH	21.00				21.00					
SPEED INDICATOR SIGN	CAL DA	40.00				40.00					
PAINT OVERHEAD SIGN SUPPORT	EACH	12.00				12.00					
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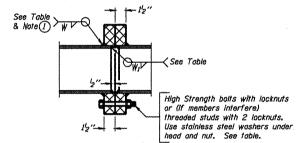
ect 46i52 (12).dgn	DRAWN - CHECKED -	REVISED -	STATE OF THE STATE		District 4 Schedule of Truss Repair & 1	water and a company of the care of	EPI. 11-29 EMOX-PEORIA 30 CONTRACT NO. 4
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NISH AND INSTALL SAFETY CHAIN	EACH 2.00						
10VE EXISTING SIGN PANEL	EACH 3.00 EACH 1.00	DISCONNECT/RECONNECT ELECTRIC SERVICE REMOVE EXISTING SIGN PANEL	EACH 1.00 EACH 1.00				
ONNECT AND RECONNECT ELECTRIC SERVICE	SQ FT 299.00 EACH 1.00	FURNISH AND INSTALL SAFETY CHAIN REMOVE LUMINAIRE	EACH 2.00 EACH 4.00				
T OVERHEAD SIGN SUPPORT	EACH 10.00 EACH 4.00	PAINT OVERHEAD SIGN SUPPORT FURNISH AND ERECT SIGN PANEL	EACH 4.00 SQ FT 125.00				
LACE HAND-HOLE COVER BOLT	EACH 2.00	REPLACE AND TIGHTEN SIGN MOUNTING CLIPS PER REPAIR HANDRAIL LOCKING PIN CONNECTION	EACH 4.00	REMOVE EXISTING SIGN PANEL	EACH 1.00	REMOVE EXISTING SIGN PANEL	EACH 1
LACE AND TIGHTEN SIGN MOUNTING CLIPS PER SIG	EACH 2.00	TIGHTEN CANTILEVER CONNECTION	EACH 1.00	Description of Work FURNISH AND ERECT SIGN PANEL	Unit Quantity SQ.FT 306.00	Description of Work FURNISH AND ERECT SIGN PANEL.	Unit Qu SQFT 44
rity KNOX Route I-74 M.P.: 45.3 cription of Work		County: PEORIA Route: I-474 M.P.: Description of Work		County: PEORIA Route: IL	6 M.P.: 1.5 Direction SB	County: PEORIA Route: 1-474 M	P: 2.63 Direction:
tion No.: 4-03 State I.D. No.: 4S0481074	IR045.30	Location No.: 4-06 State I.D. No.: 4C0	72I474R000.10	Location No.: 4-09 State I.D. No.	: GROUND MOUNT	Location No.: 4-12 State I.D. No.:	GROUND MOUNT
OVE EXISTING SIGN PANEL	EACH 1.00	REMOVE EXISTING SIGN PANEL	EACH 1.00				
OVE AND REINSTALL WALKWAY	FOOT 18.50	DISCONNECT/RECONNECT ELECTRIC SERVICE	EACH 1.00				
DCATE ELECTRIC SERVICE	EACH 1.00 EACH 2.00	FURNISH AND INSTALL WALKWAYTIE DOWN BOLTS REMOVE LUMINAIRE					
	EACH 2.00 EACH 1.00	OVERHEAD SIGN SUPPORT GROUT REPAIR FURNISH AND INSTALL SAFETY CHAIN	EACH 4.00 EACH 2.00				
	EACH 1.00 EACH 4.00	REMOVE AND REERECT OVERHEAD SIGN STRUCTURE REMOVE AND REERECT OVERHEAD SIGN END SUPPO					
NISH AND INSTALL TRUSS DAMPER	EACH 1.00 EACH 1.00	FURNISH AND ERECT SIGN PANEL REPAIR CONCRETE FOUNDATION FOR OVERHEAD SIG					
OVE CONCRETE FOUNDATION-OVERHEAD	EACH 1.00	PAINT OVERHEAD SIGN SUPPORT	EACH 4.00				
LED SHAFT CONCRETE FOUNDATION	CUYD 7.12 EACH 1.00	REPLACE HAND-HOLE COVER BOLT REPAIR HANDRAIL LOCKING PIN CONNECTION	EACH 2.00 EACH 10.00	, SERROY C DIGITING GROWTHINEL	TEACH 2:00	TOWN LANGUING SON FAINEL	EACH 3
NISH AND ERECT SIGN PANEL	SQ FT 75.00 FOOT 30.00	REPLACE AND TIGHTEN SIGN MOUNTING CLIPS PER SIGN TIGHTEN U-BOLT		FURNISH AND ERECT SIGN PANEL REMOVE EXISTING SIGN PANEL	SQ FT 357.00 EACH 2.00	FURNISH AND ERECT SIGN PANEL REMOVE EXISTING SIGN PANEL	SQFT 57
nty: KNOX Route: US 150 M.P.: 11.9 cription of Work	Direction: WB Unit Quantity	County: PEORIA Route: I-474 M.P.: Description of Work	1.60 Direction: WB Unit Quantity	County: PEORIA Route IL Description of Work	6 M.P.: 1.00 Direction: SB Unit Quantity		P.: 0.60 Direction
ation No.: 4-02 State I.D. No.: 4C048U15			072474L001.6	Location No.: 4-08 State I.D. No	4S072S006L001.0	Location No.: 4-11 State I.D. No.:	4C072l474L000.60
					<u> </u>		
OVE EXISTING SIGN PANEL NISH AND INSTALL SAFETY CHAIN	EACH 1.00 EACH 2.00	REMOVE EXISTING SIGN PANEL FURNISH AND INSTALL SAFETY CHAIN	EACH 1.00 EACH 2.00				
ONNECT/RECONNECT ELECTRIC SERVICE	EACH 1.00	DISCONNECT/RECONNECT ELECTRIC SERVICE	EACH 1.00				
NISH AND ERECT SIGN PANEL OVE LUMINAIRE	SQ FT 176.00 EACH 4.00	TIGHTEN SPLICE FLANGE REMOVE LUMINARE	EACH 1.00 EACH 4.00				
OVE OVERHEAD SIGN STRUCTURE-SPAN, TYPE II-A	EACH 1.00	FURNISH AND ERECT SIGN PANEL	SQFT 625.75				
PLACE AND TIGHTEN SIGN MOUNTING CLIPS PER SIGN ERHEAD SIGN STRUCTURE-SPAN, TYPE II-A	EACH 1.00 FOOT 94.00	REPLACE HAND-HOLE COVER BOLT REPAIR HANDRAIL LOCKING PIN CONNECTION	EACH 4.00 EACH 12.00	REMOVE EXISTING SIGN PANEL	EACH 3:00	REMOVE EXISTING SIGN PANEL	EACH 1
NOVE AND REINSTALL WALKWAY	FOOT 145.00	REPLACE AND TIGHTEN SIGN MOUNTING CLIPS PER SIGN	GN EACH 1.00	FURNISH AND ERECT SIGN PANEL	SQFT 393.00	FURNISH AND ERECT SIGN PANEL	SQFT 12
cription of Work	Unit Quantity	Description of Work	Unit Quantity	Description of Work	Unit Quantity	Description of Work	Unit Qua





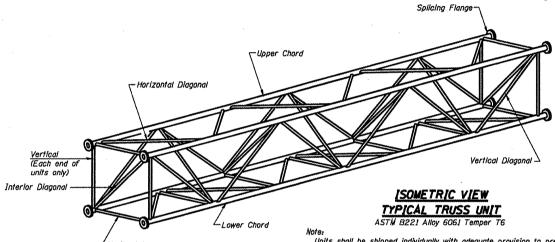
TRUSS UNIT TABLE

Structure		Design Truss	Exte	rior Units	(2)		Interio	r Unit			& Lower ord	Verticals: Hari	zontals: Vertical. Interior Diagonals	Camber			Splicing	Flange		
Number	Station	Type	No. Panels		Panel	No.	No. Panels		Panel			<u> </u>		at Midspan	Bolt		Weld	Sizes	Δ	В
		.,,,,	per Unit	Lgth.(Lo)	Lgth.(P)	Req'd.	per Unit	$Lgth(L_I)$	Lgth.(P)	O.D.	Wall	0.D.	Wall	-, -	No./Splice	Dia.	₩	Wı	~	_ B
45048U034L008.0	640+20	II-A	6	32.12.	5'-02"	1	6	316.	5'-02"	6'-0"	36"	3'	5,	23/	6	78.	3,0	4.	104*	1334"
										,										

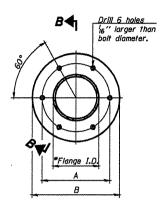


SECTION B-B

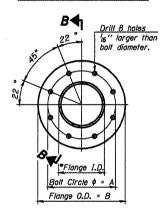
 Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop botted into full contact before welding. Sufficient external welds or tacks shall be made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



Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and protection of the units.

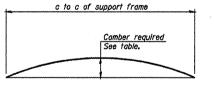


TRUSS TYPES I.A. II.A. & III.A



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 16".

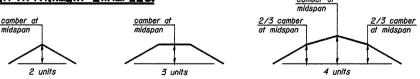


CAMBER DIAGRAM

(Lower Chord - all panel points) (Upper Chord - each end of each unit only)

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

CAMBER ATTAINMENT EXAMPLES:



Camber shown is for fabrication only, measured with truss fully supported. (No-load condition)

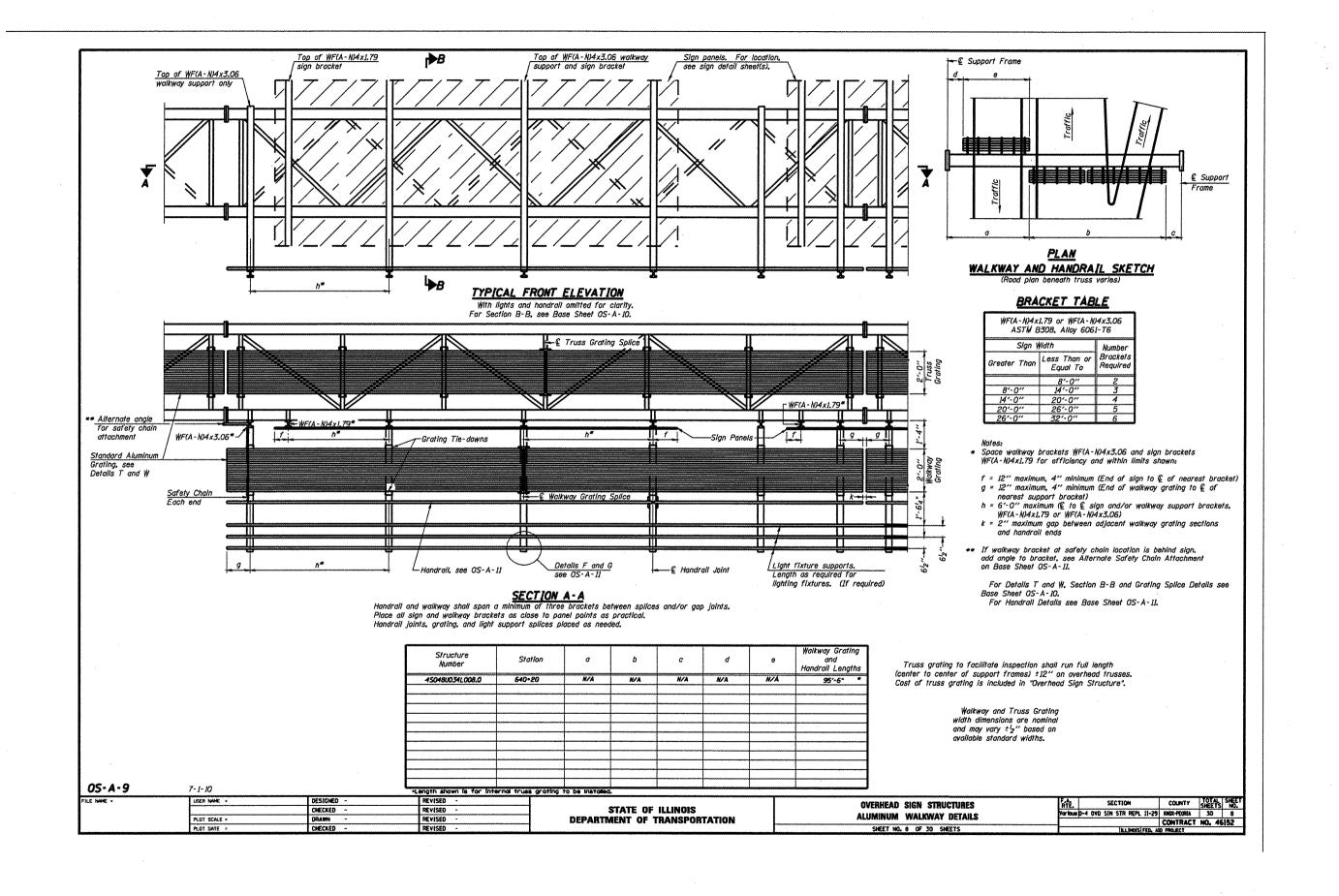
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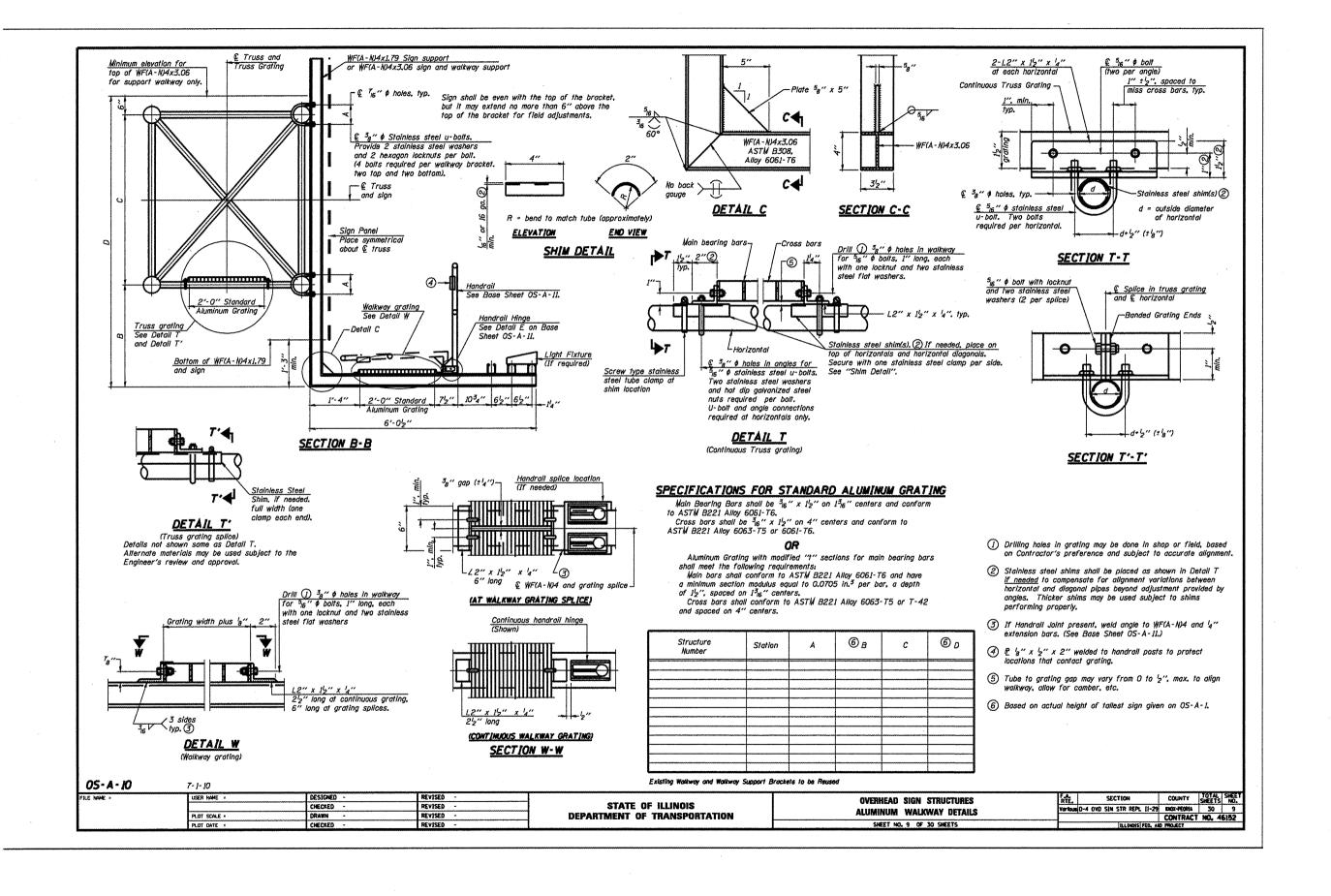
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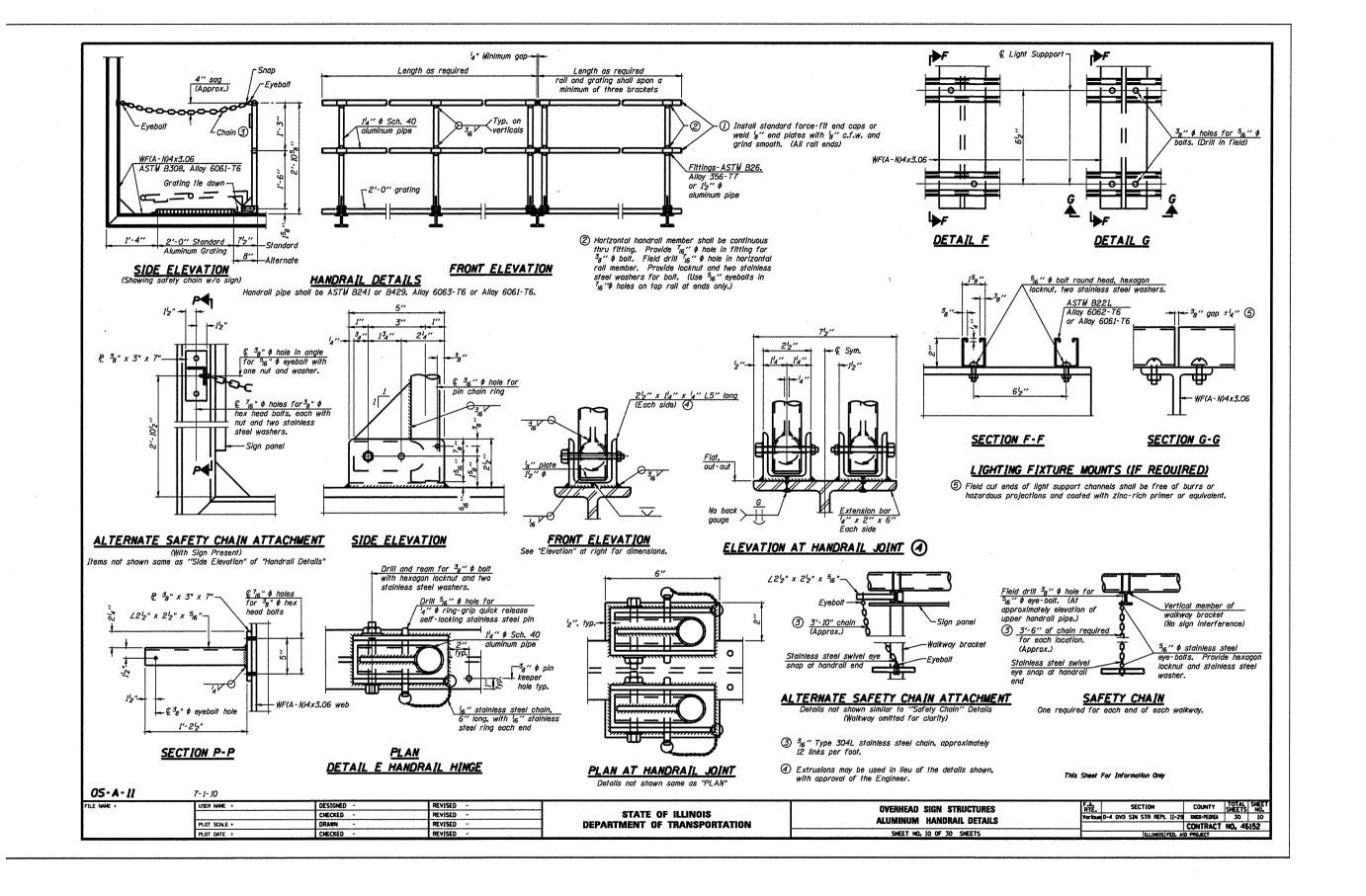
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

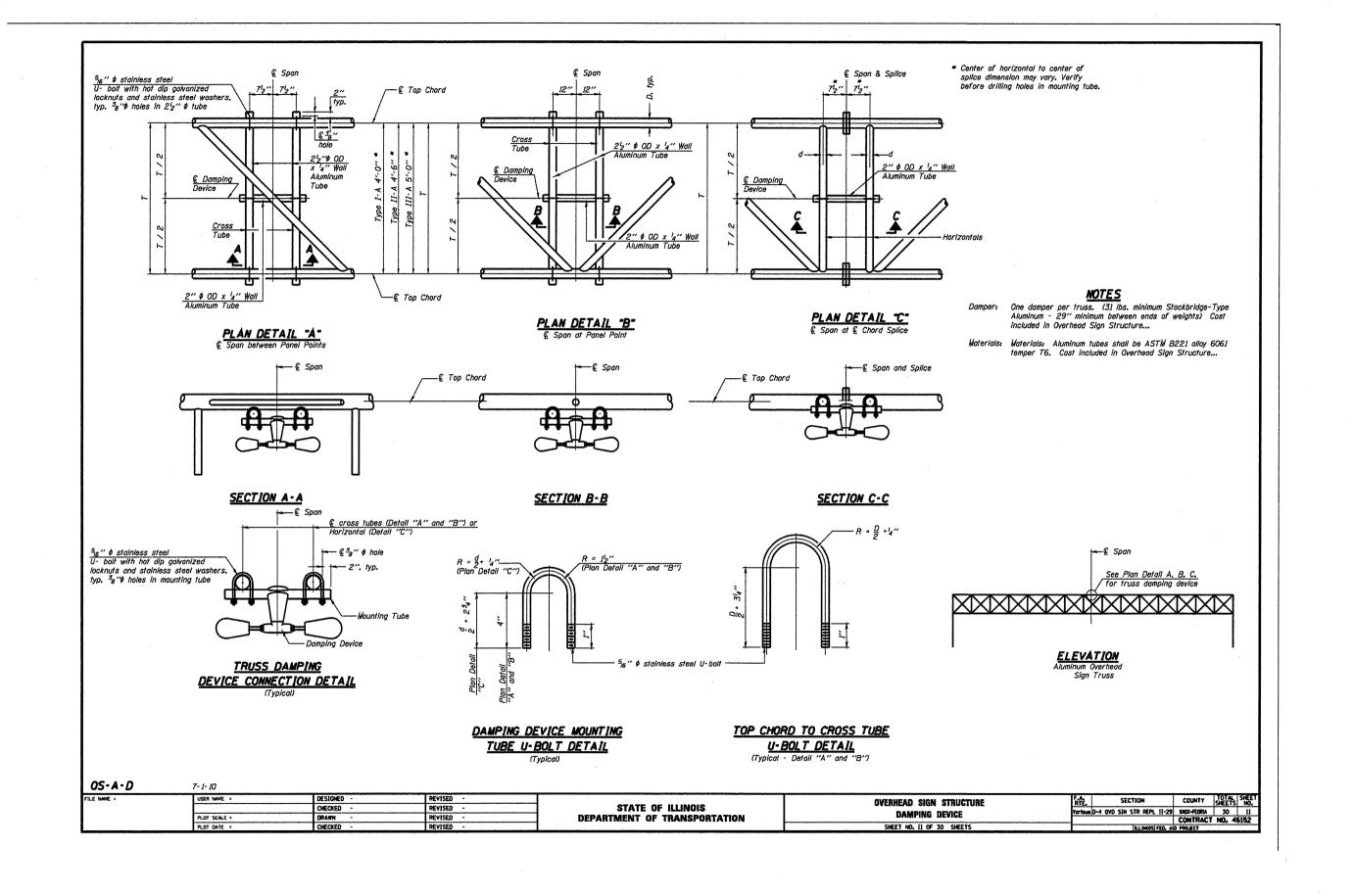
/ERHEAD	SIGN	STRUC	CTURES	- /	LUM	NUM	TRUSS	DETAILS	
	FOR	TRUSS	TYPES	I-A	, II-A	AND	III-A		
		SHEET	NO. 7 C	F 30	SHEET	5			_

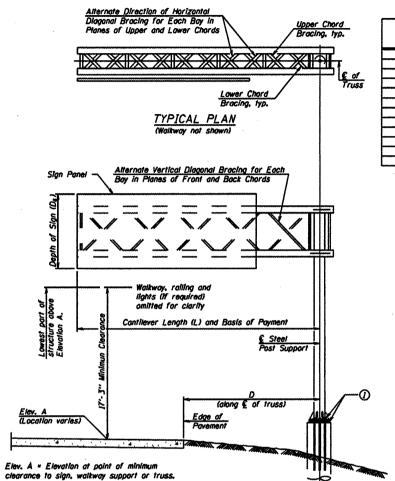
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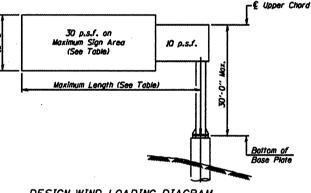


TYPICAL ELEVATION
Looking in Direction of Traffic

Sign support structures may be subject to damaging vibrations and oscillations when sign panels are not in place during erection or maintenance of the structure. To avoid these vibrations and oscillations, consideration should be given to attaching temporary blank sign panels to the structure.

Structure Number	Station	Design Truss Type	Cantilever Length (L)	Elev. A	Dim. D	D _s	Total Sign Area
4CO48UISOROIL9	475-27	II-C-A	300.	787,28	18*-6*	6'-0"	75.00
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Truss Type	Maximum Sign Area	Maximum Length
1-C-A	170 Sq. Ft.	25 Ft.
11-C-A	340 Sq. F1.	30 Ft.
///-C-A	400 Sq. Ft.	40 Ft.



DESIGN WIND LOADING DIAGRAM

Parameters shown are basis for I.D.O.T. Standards
Installations not within dimensional limits shown
require special analysis for all components.

Hota.

Trusses shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between harizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The contractor is responsible for maintaining the configuration and protection of the transport.

- (1) After adjustments to level truss and insure adequate vertical clearance, all top and leveling nuts shall be tightened against the base plate with a minimum torque of 200 lb.-ft. Stainless steel mesh shall then be placed around the perimeter of the base plate. Secure to base plate with stainless steel banding.
- 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.

GENERAL NOTES

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

CONSTRUCTION: Current (at time of letting) [lilinois 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'e . 3.500 p.s.l.

fy = 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 DLI and DL2 Structural Welding Codes (Steel and Aluminum) and the Standard Specificiations.

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 Pides and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be A340, Type 302 or 304, or another alloy sulfable 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 ib.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All boils noted as "high strength" must satisfy the requirements of AASHTO M64 (ASTM A325), or approved afternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A493, ASTM A193, Grade B7, or approved afternate, and must have matching lock nuts. Boils and lock nuts not required to be high strength must satisfy the requirements of ASTM A307, All boils 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 boil 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 boils will not be required.

U-BOLTS AND EYEBOLTS: U-Boits and Eyeboits 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-Boits and Eyeboits must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip gaivanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Boit and Eyeboit lock nut.

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

ANCHOR RODS: Shall conform to AASHTO M3/4 Gr. 105 with a minimum Charpy V-Notch (CVN) energy of 15 lb.-ft. at 10° 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,

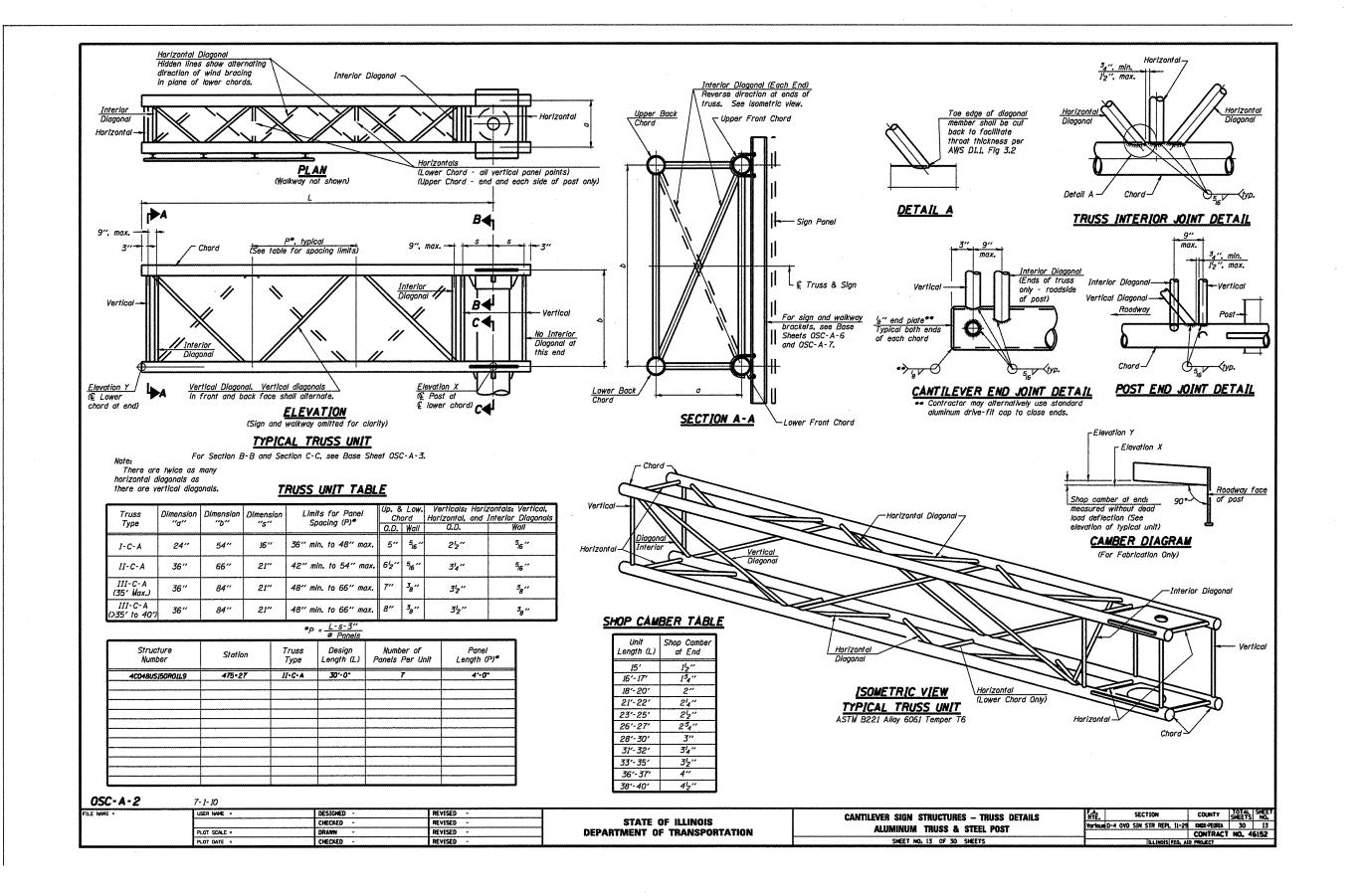
REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in occordance with the Standard Specifications.

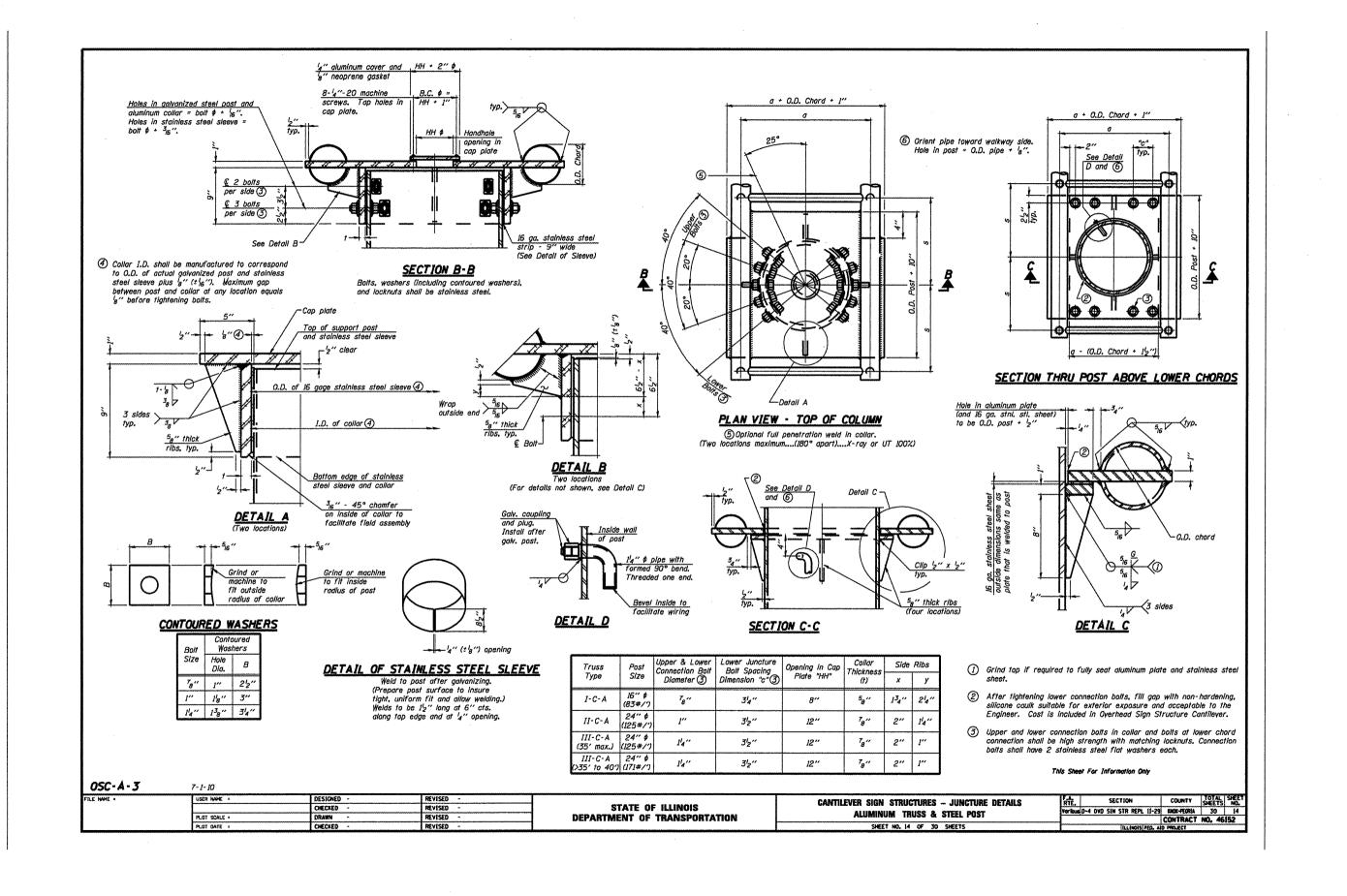
FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

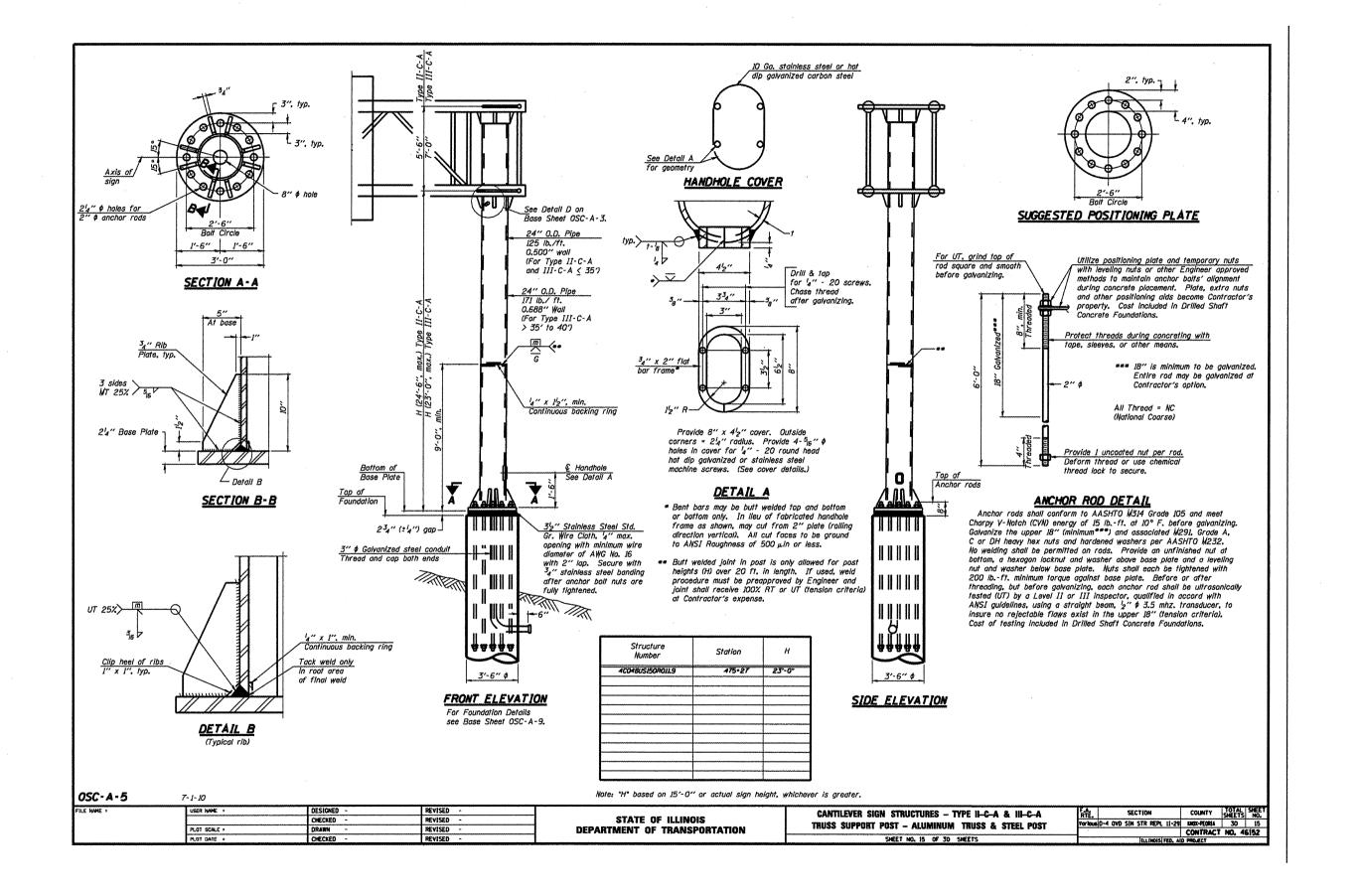
TOTAL BILL OF MATERIAL

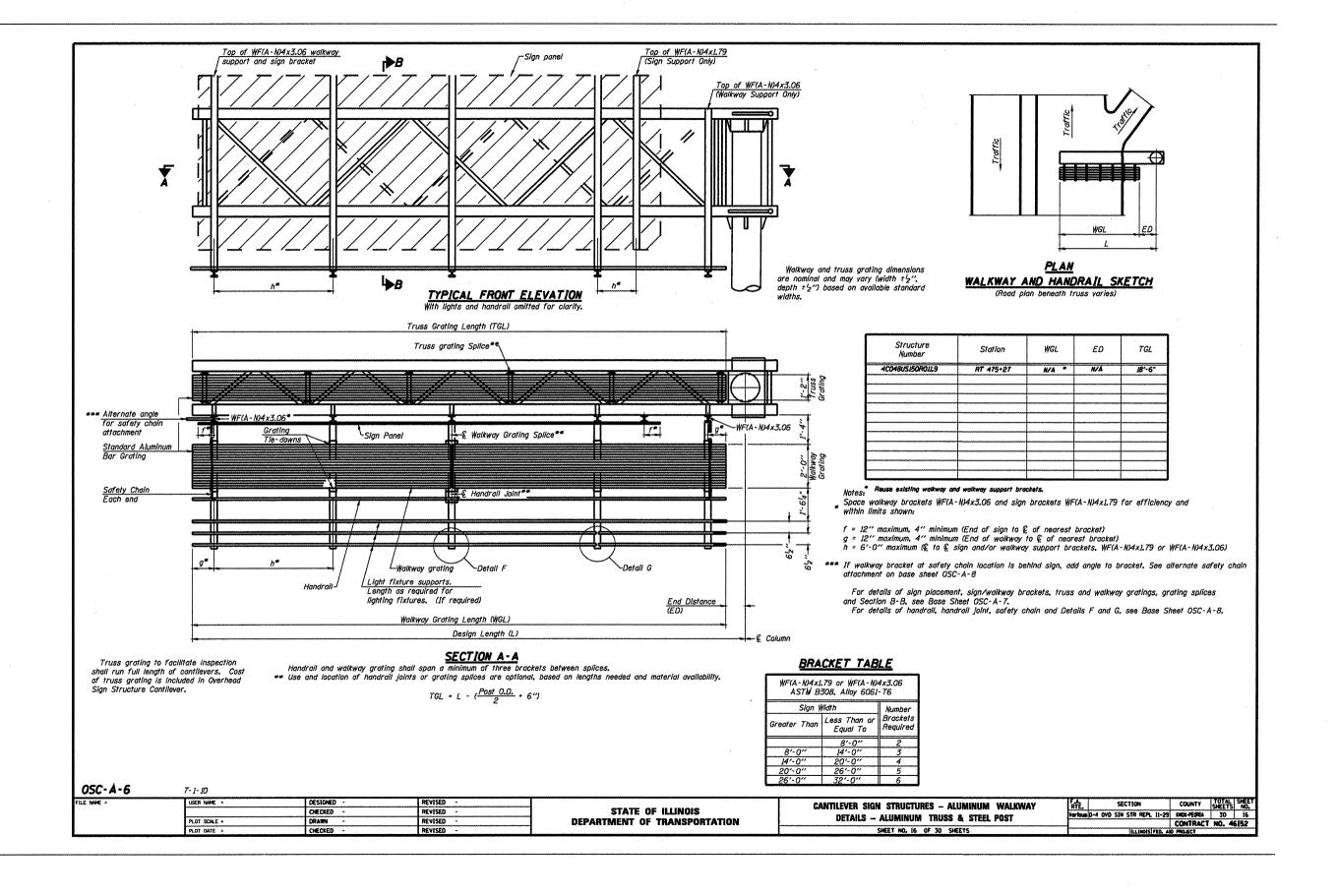
	ĮTEW	UNIT TOTAL
OVERHEAD SIGN STRUCT	URE CANTILEVER TYPE I-C-A	Foot
OVERHEAD SIGN STRUCT	URE CANTILEVER TYPE II-C-A	Foot
OVERHEAD SIGN STRUCT	URE CANTILEVER TYPE !!!-C-A	Foot
OVERHEAD SIGN STRUCT	URE WALKWAY, TYPE A	Foot

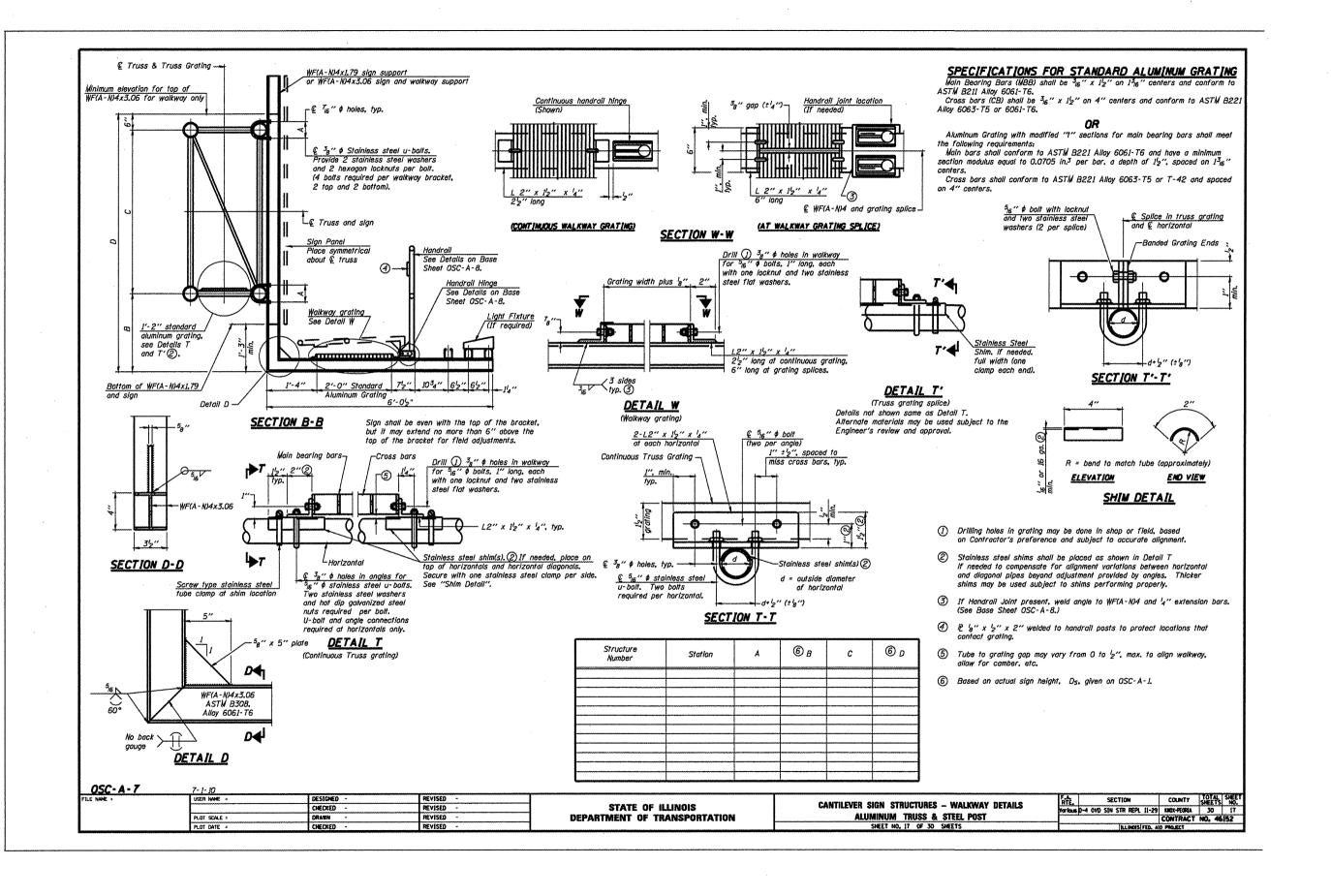
OSC-A-1	7-1-10				DRILLED SHAFT COMURETE FOUNDATIONS	LUL 185.
FEE MAR :	FREM HOUSE I	DESIGNED -	REVISED -		CANTILEVER SIGN STRUCTURES – GENERAL PLAN & ELEVATION	RYE SECTION COUNTY SHEETS NO.
·		CHECKED -	REVISED -	STATE OF ILLINOIS		VOCIDUAD-4 OVO SIN SYR REPL 11-29 ENDE-FEORIA 30 12
	PLOT SCALE :	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION	ALUMINUM TRUSS & STEEL POST	CONTRACT NO. 46152
	PLOT DATE #	CHECKED -	REVISED -		SHEET NO. 12 OF 30 SHEETS	BLI MOIS FED. AND PROJECT

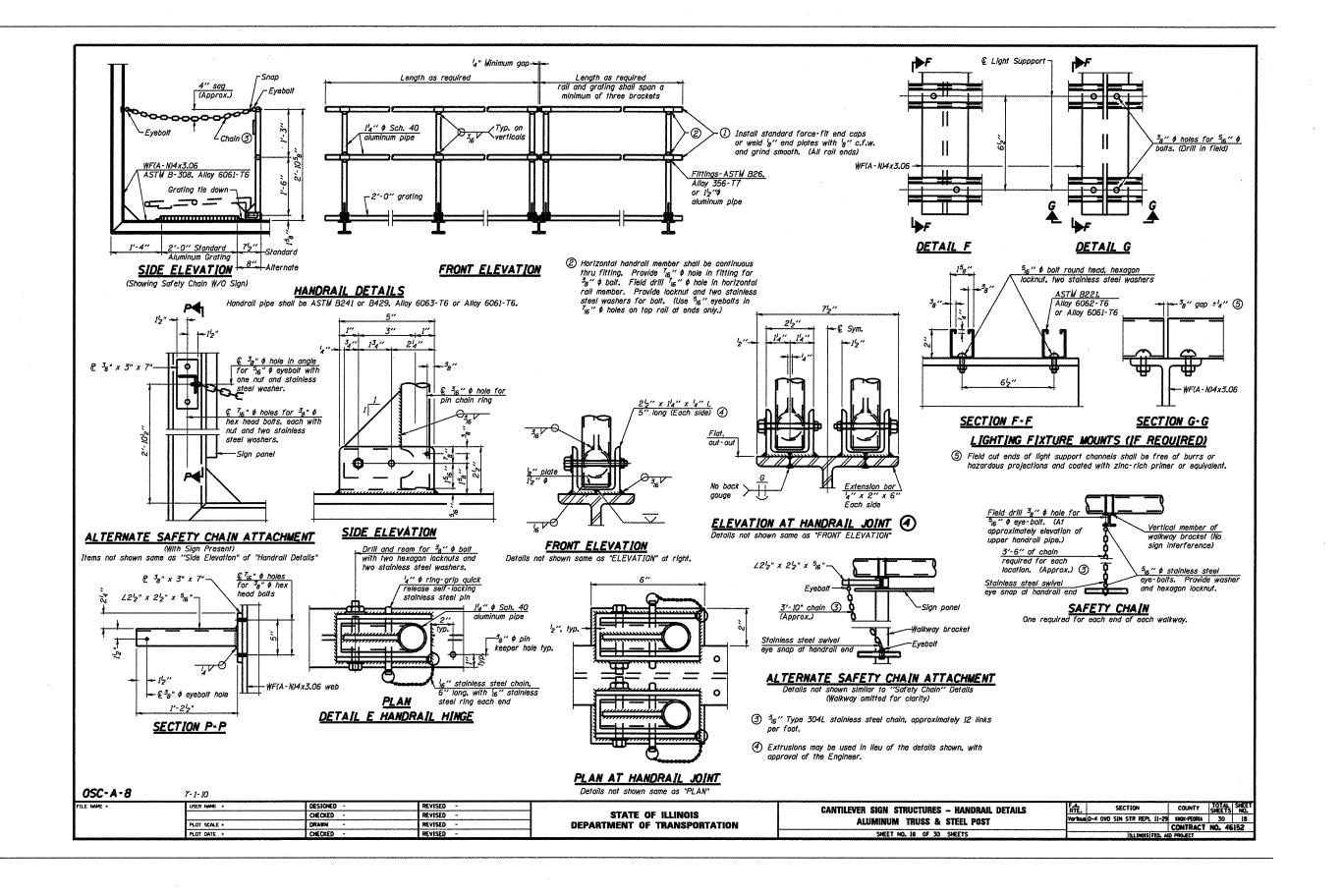


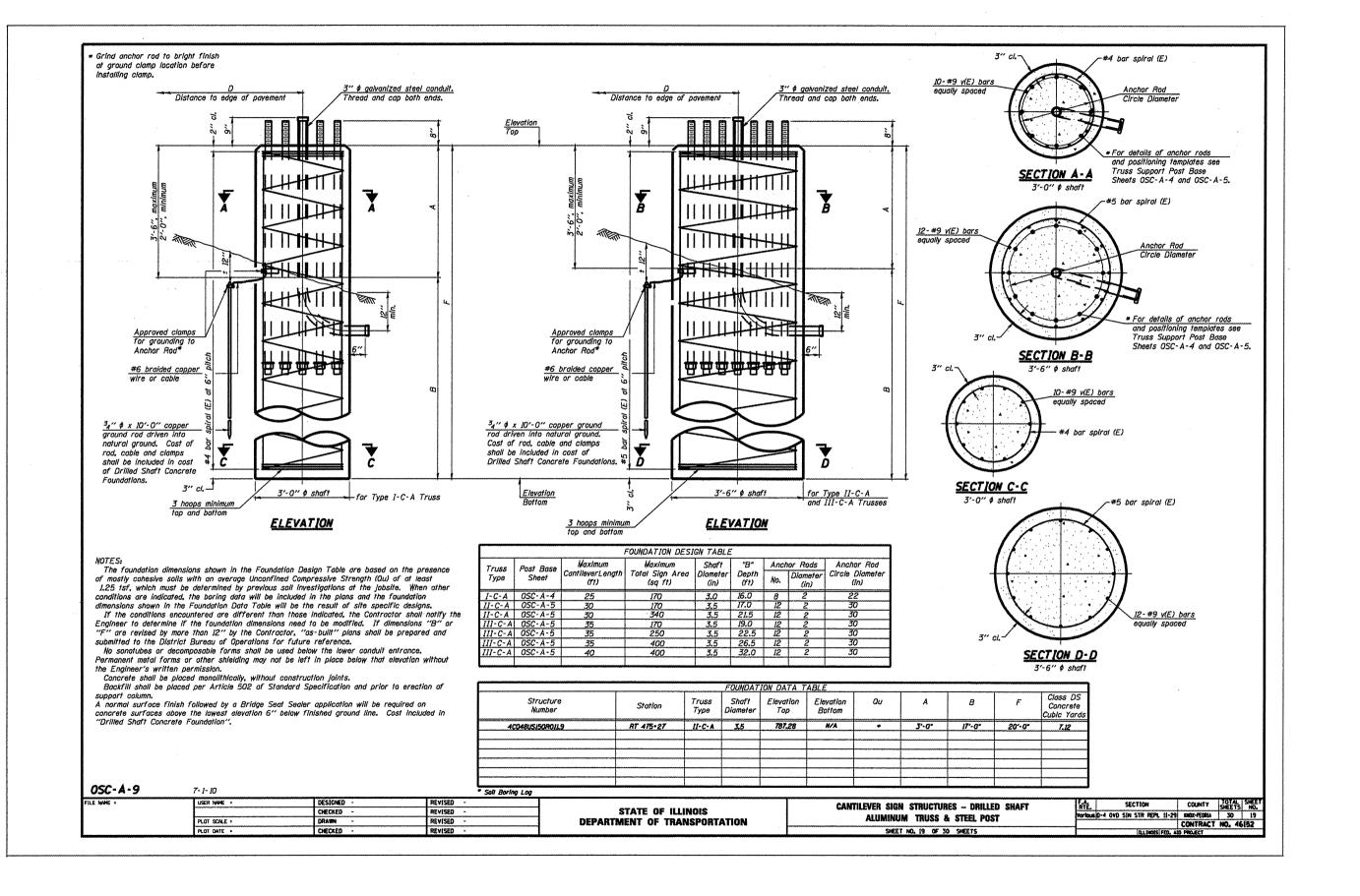


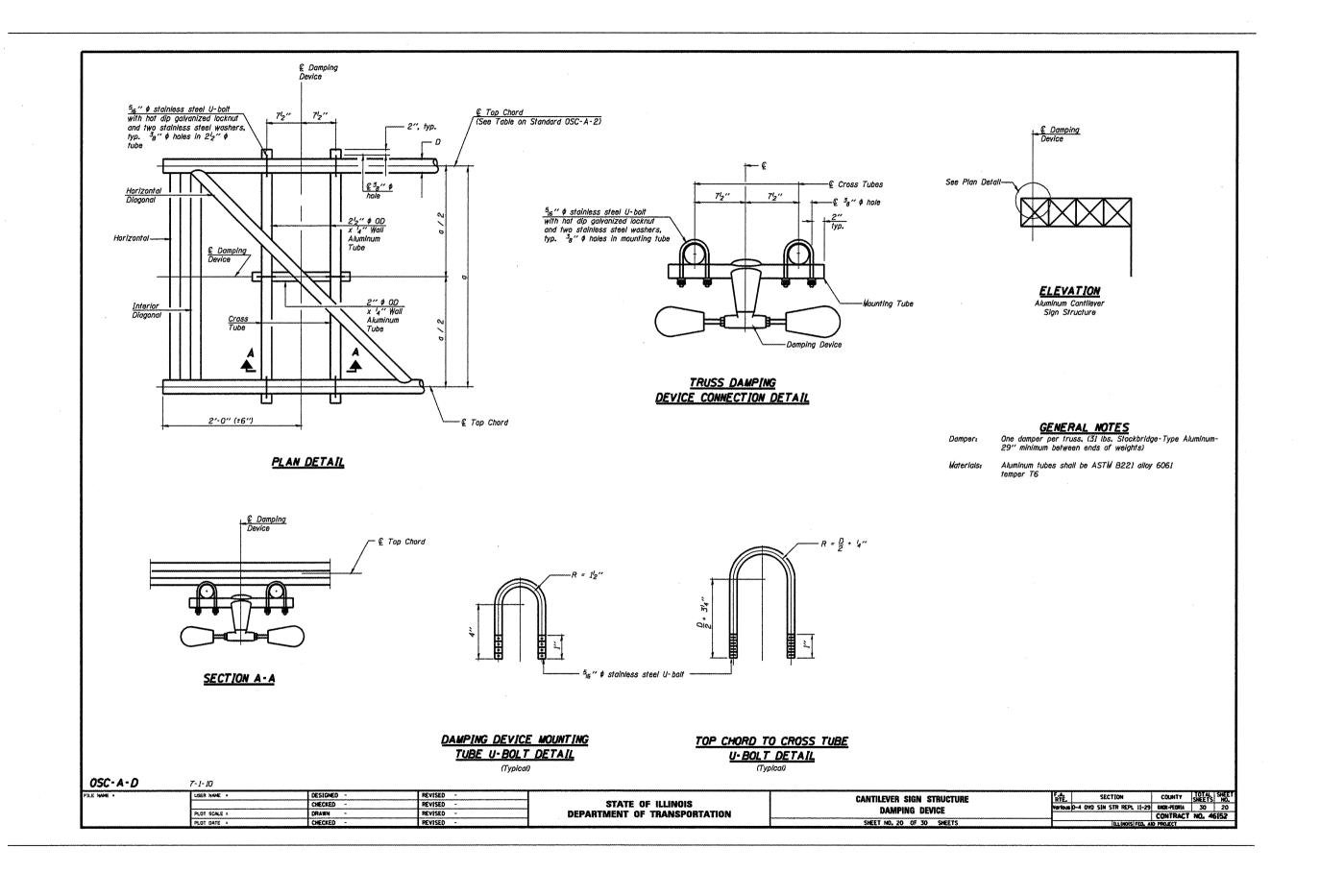












US 34, WB, @ RAMP TO I-74, WB SN: 48048U034L008.00

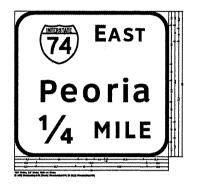


174—
12.0" Radius, 2.0" Border, White on Green;
[W EST] Clearviewthey-5-W; [Mollin-] Clearviewthey-5-W; [Rock Island] Clearviewthey-5-W Standard Arrow Custom 28.6" X 18.1" 45";

US 150, SB, MP 11.90 SN: 4C048US150R011.90

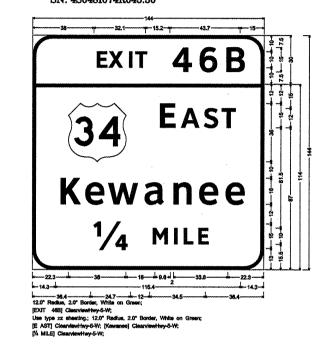


US 34, WB, @ RAMP TO I-74, WB SN: 4S048U034L008.00

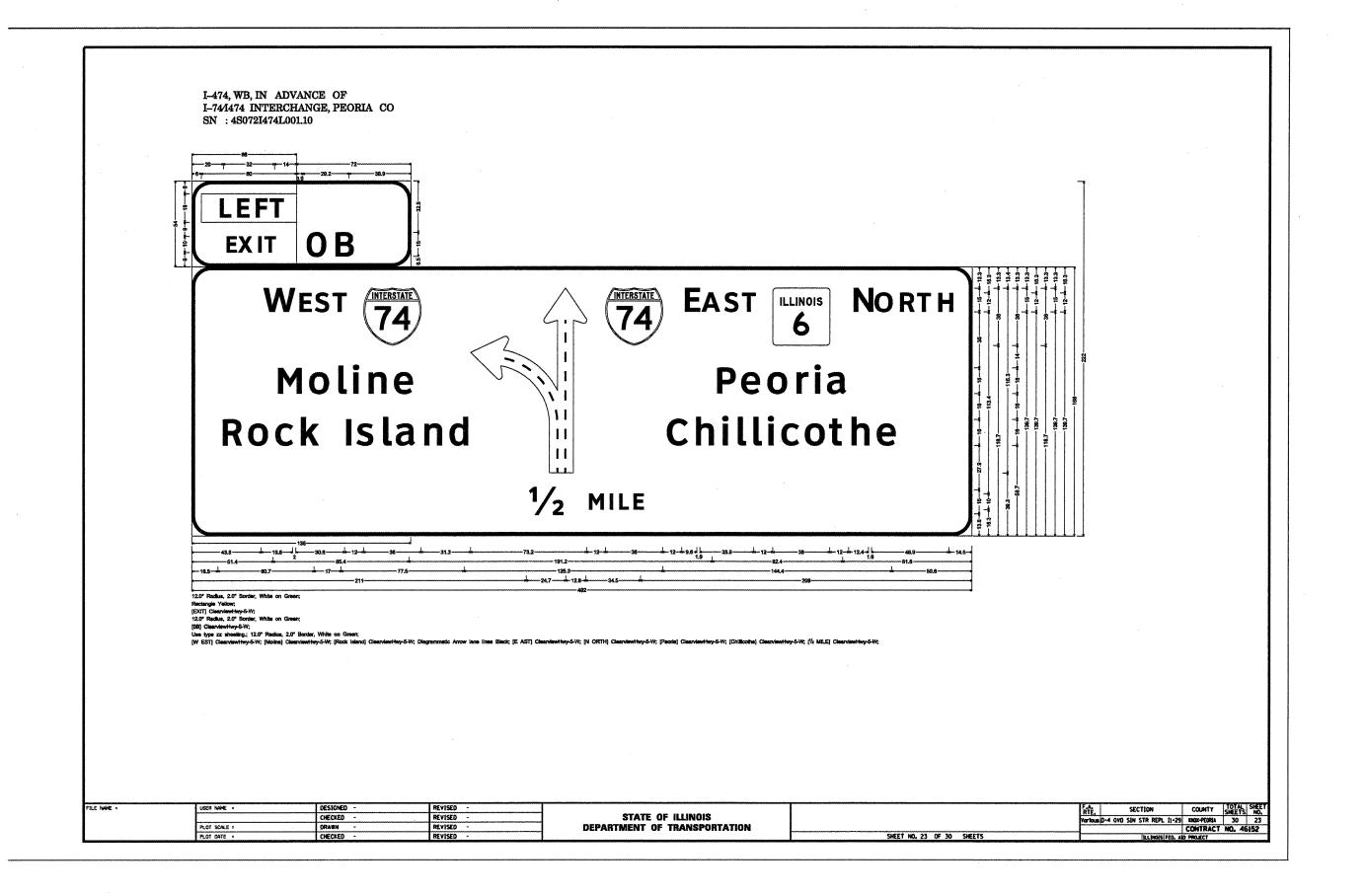


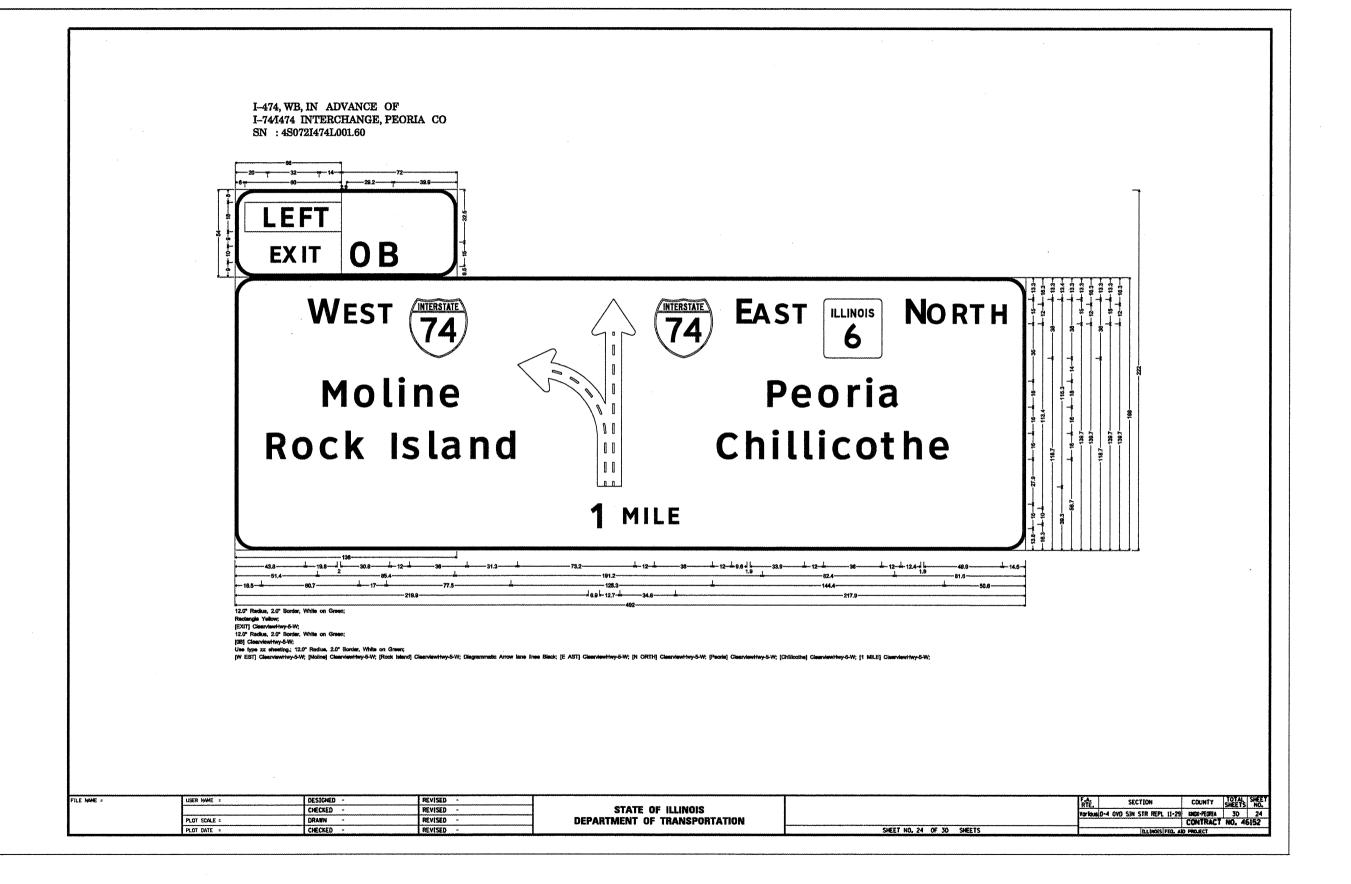
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1		CHECKED -	REVISED -	STATE OF ILLINOIS		VorTexas D-4 OVD SIN STR REPL 11-29 INOX-PEORIA 30 21
	PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION		CONTRACT NO. 46152
	PLOT DATE *	CHECKED -	REVISED -		SHEET NO. 21 OF 30 SHEETS	(LLINOIS FED, AID PROJECT

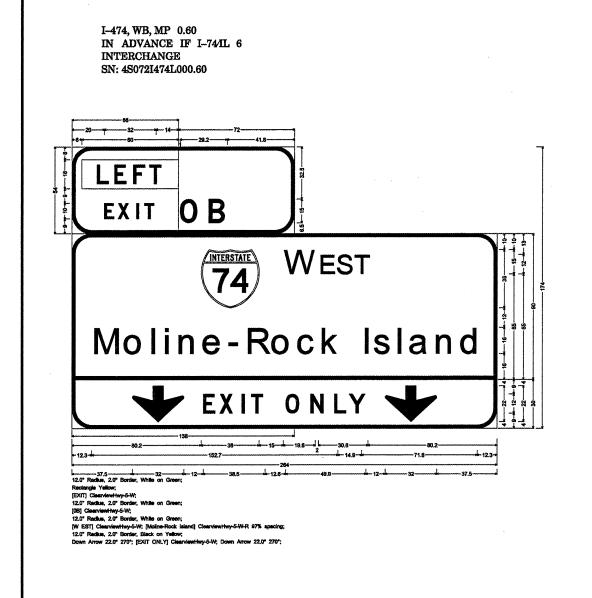
I-74, EB, @ US 34 SN: 4S048I074R045.30



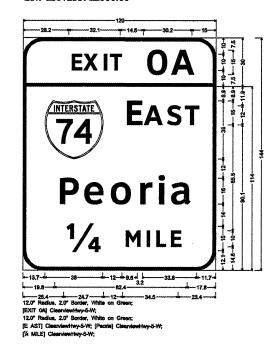
F	ile name =	user name =	DESIGNED -	REVISED -			RTE SECTION	COUNTY TOTAL SHEET
ı			CHECKED -	REVISED -	STATE OF ILLINOIS		Various 0-4 OVO SIN STR REPL 11-29	IDIOX-PEORIA 30 22
ł		PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 46152
L		PLOT DATE =	CHECKED -	REVISED -		SHEET NO. 22 OF 30 SHEETS		D PROJECT



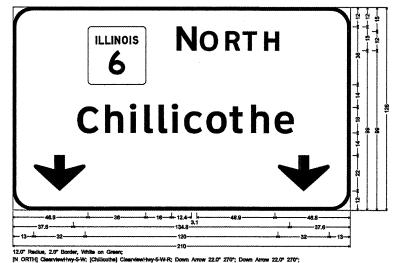




I-474, WB, MP 0.6 IN ADVANCE OF I-74/IL 6 INTERCHANGE SN: 4S072I474L000.60



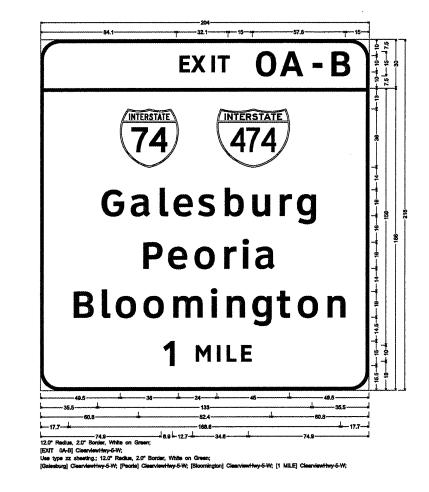
I-474, WB, MP 0.6 IN ADVANCE OF I-74/IL 6 INTERCHANGE SN: 4S072I474L000.60



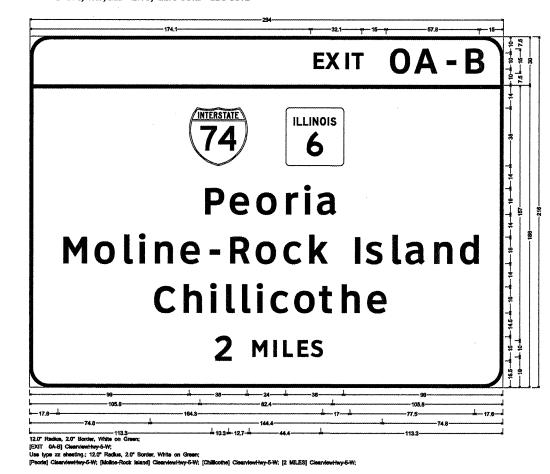
[N ORTH] Clear/swithny-5-W; [Chillicothe] Clear/swithny-5-W-R; Down Arrow 22.0" 270"; Down Arrow 22.0" 270";

FILE NAME =	USER NAME =	DESIGNED -	REVISED -			F.A. SECTION COUNTY SHEETS NO.
l .		CHECKED -	REVISED -	STATE OF ILLINOIS		VORTOUS D-4 OVD SIN STR REPL 11-29 BNOX-PEORIA 30 25
i i	PLOT SCALE =	DRAWN -	REVISED ~	DEPARTMENT OF TRANSPORTATION		CONTRACT NO. 46152
	PLOT DATE =	CHECKED -	REVISED -		SHEET NO. 25 OF 30 SHEETS	ILLINOIS FED. AID PROJECT

IL 6, SB, MP 1.5, PEORIA CO. GROUND MOUNT



I-474, WB, MP 2.63, GROUND MOUNT



FILE NAME - DESIGNED - REVISED - STATE OF ILLINOIS

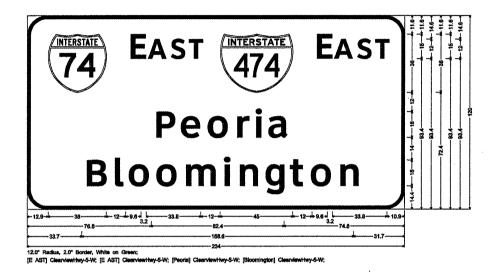
PLOT SCALE - DRAWN - REVISED - DEPARTMENT OF TRANSPORTATION

PLOT OFFI C DRECKED - REVISED - DEPARTMENT OF TRANSPORTATION

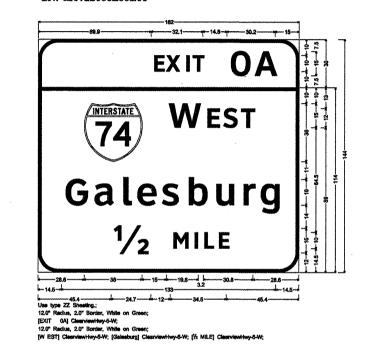
PLOT OFFI C DRECKED - REVISED - DEPARTMENT OF TRANSPORTATION

SMEET NO. 26 OF 30 SMEETS

IL 6, SB, MP 1.00 SN: 4S072S006L001.00

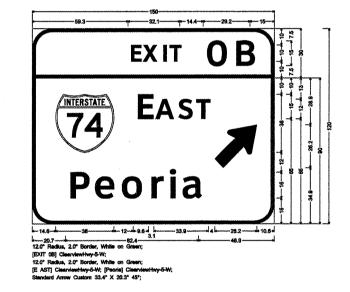


IL 6, SB, MP 1.00 SN: 4S072S006L001.00

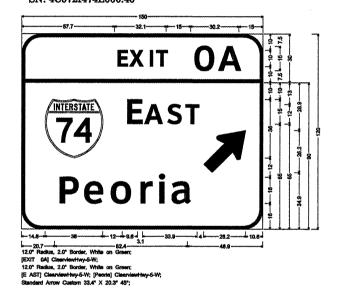


F	ILE NAME =	USER NAME =	DESIGNED -	REVISED -			F.A. SECTION COUNTY SHEET
ı			CHECKED -	REVISED -	STATE OF ILLINOIS		Vorious 0-4 OVD SIN STR REPL 11-29 MIX-PEORIA 30 27
1		PLOT SCALE *	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION		CONTRACT NO. 46152
L		PLOT DATE =	CHECKED -	REVISED -		SHEET NO. 27 OF 30 SHEETS	ILLINOIS FED. AID PROJECT

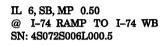
I-474, EB, MP 0.1 @ I-74 INTERCHANGE RAMP TO I-74 EB SN: 4C072I474R000.10

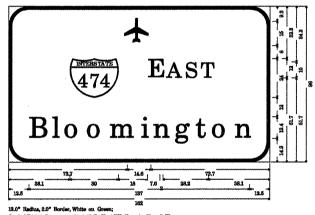


I-474, WB, MP 0.40 @ I-74 INTERCHANGE RAMP TO I-74, EB SN: 4C072I474L000.40

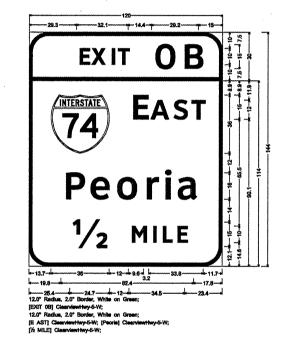


FILE NAME :	user Name =	DESIGNED -	REVISED ~			RTE SECTION COUNTY SHEETS NO.
		CHECKED -	REVISED -	STATE OF ILLINOIS		Vortices D-4 OVD SIN STR REP. 11-29 KNOX-PEORIA 30 28
	PLOT SCALE =	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION		CONTRACT NO. 45152
	PLOT DATE =	CHECKED -	REVISED -		SHEET NO. 28 OF 30 SHEETS	ILLINOIS FED. AID PROJECT

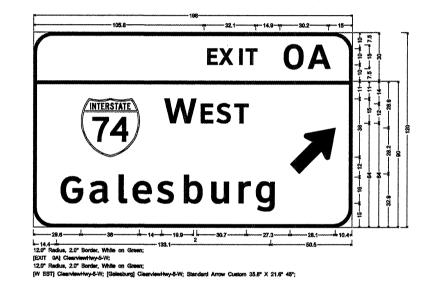




IL 6, SB, MP 0.50 @ I-74 RAMP TO I-74 WB SN: 48072S006L000.5



IL 6, SB, MP 0.50 @ I-74 RAMP TO I-74 WB SN: 4S072S006L000.5



FILE HAME =	USER HAME »	DESIGNED -	REVISED -			SECTION	COUNTY TOT	TAL SHEET
		CHECKED -	REVISED -	STATE OF ILLINOIS		Various D-4 OVD SIN STR REPL 11-29	KNOX-PEORIA 30	30 29
	PLOT SCALE :	DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION		C	CONTRACT NO.	
	PLOT DATE =	CHECKED -	REVISED -		SHEET NO. 29 OF 30 SHEETS		PROJECT	
								

Description				
DESCRIPTION		tment ition SOIL BOR	ING LOG	
No Natified No Natified No Natified No National National No National		DESCRIPTION US 150 EB Rame		
E L C O			G. 1E, 4* PM. N. Longitude 90* 22' 59:35' W HAMMER TYPE AUTO	
R (8) (87) (80) (84) Aller 15r e (8) (87) (85) (85) (85) (85)		E L C O Stream Bed Ele P O S I T W S Groundwater Ele H S Gu T First Encounter	MARIELCO POSI TWIS - HSQUT	
Septent Sept		g (ft) (67) (65) (%) After - He		
2		3 3.0 21 Hand to Very Stiff	7 10 13	
Set St. St.			76220 33 10 15 223 10 1	
2 1 3 22 Hard Light Cay, Dry		<u> </u>		
3 12 27 75.40 30 5 5	·			
Trail		3 12 27	<u> </u>	
1 1.3 2.8		End of Boring		
Stiff CLAY	Suff Dark Brown, Gray, Moist SILTY CLAY	1 13 28 - 3 P		
Sill CLAY 3 1.4 25 CLAY - 2 8 Sill Gray, Most To 75.99 1	Self Dark Brown, Gray, Orange, Moist SILTY CLAY	3 10 28		
Stif 1 767/90 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SAT ILL			
Stoff Brown and Gray, Moist 13 1.0 25 CLAY The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (8-Bulge, 5-Shear, P-Penetrometer) The ST M value is the sum of the last two blow values in each sampling zone (AASHID 1206)	CLAY	4_8		
The Unconfined Congressive Strength (UCS) Failure Mode is indicated by (8-Builge, 5-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO 1206) BBS, form 137 (Nev. 8-90)	Stiff Brown and Gray, Moist CLAY	3 10 26		
	The Unconfined Compressive Str The SPT (N value) is the sum of t	ength (UCS) Failure blode is indicated by (5-Bulge, 5 he last two blow values in each sampling zone (AAS)	S-Shear, P-Penetrometer) ATO 1206) BBS. form 137 (Rev. 6-55)	
	DESIGNED - CHECKED -	REVISED - REVISED -	STATE OF ILLINOIS	
DESIGNED - REVISED - STATE OF ILLINOIS	DRAWN CHECKED	REVISED - REVISED -	DEPARTMENT OF TRANSPORTATION	SHEET NO. 30 OF 30 SHEETS