STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

VARIOUS ROUTES

D-6 OVD SIN STR REPL 11-11

LOGAN & SANGAMON COUNTIES

C-60-011-11

INDEX OF SHEETS

NO. DESCRIPTION

COVER SHEET

SUMMARY OF QUANTITIES

4-29 SCHEDULE OF LOCATIONS FOR DISTRICT 6

STANDARDS

701006-03

701101-02

701106-02

701201-04

701301-04

701400-05

701401-06

701406-06

701411-07

701446-02

701901-01

720021-02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED DEC. 10 2016

ENGINEER OF OPERATIONS

LOCAL C. STATL PERSON

APPROVED TO 4 20 11

Chrystyn M. Room Ru

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

CONTRACT NO. <u>46134</u>

·			
FILE NAME .	USER NAME .	DESIGNED	REVISED -
		CHECKED	REVISED -
	PLOT SCALE :	DRAWN	REVISED
	PLOT DATE .	CHECKED	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

			***************************************		0040			~~~
	CODE NUMBER	PAYITEM	UNIT	100% STATE TOTAL QUANTITY	Logan	Sangamon		
	44000300	CURB REMOVAL	FOOT	105.00		105.00		
	60601105	CONCRETE CURB, TYPE M	FOOT	407.00		105.00		
	00001703	CONCILE COND. FIFE W	FOOT	105.00		105.00		
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQFT	885.00		885.00		
k	63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	462.50	150.00	312.50		
k	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2.00		2.00		
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1.00		1.00		
*	63302000	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 2	EACH	3.00	2.00	1.00		
	63304395	TRAFFIC BARRIER TERMINAL REMOVAL, TYPE 2	EACH	1.00		1.00		
	67100100	MOBILIZATION	LSUM	1.00		1.00		
	X7010216	TRACEIO CONTROL PROTECTION (OREGINA)						
	X/010216	TRAFFIC CONTROL PROTECTION, (SPECIAL)	LSUM	1.00	0.28	0.72		
	T9990205	FURNISH AND ERECT SIGN PANEL	SQFT	1,697.00	945.00	752.00		
	72400330	REMOVE SIGN PANEL-TYPE 3	SQFT	1,722.00	1,011.00	711.00		
	73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	72.00		72.00		
	73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	227.00		227.00		
	73302170	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (36" X 5'-6")	FOOT	60.00	***************************************	60.00		
	73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	135.70	52.40	83,30		
	73500100	RELOCATE OVERHEAD SIGN STRUCTURE - SPAN	EACH	2.00	2.00			
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	3.00		3.00		
	73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	2.00	2.00			
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	12.00	4.00	8.00		
	73800100	STRUCTURAL STEEL SUPPORT FOR OVERHEAD SIGN STRUCTURE - SPAN	EACH	10.00	4.00	6.00		
	78200410	GUARDRAIL MARKERS, TYPE A	EACH	14.00	4.00	10.00		
DCCT A) and an	T9990710	REMOVE AND REINSTALL WALKWAY	FOOT	260.00	68.00	192.00		
PECIALTY ITEM	DESIGNE) REVISED	L					
PLOT SCALE -	DESIGNE CHECKED DRAWN CHECKED	REVISED - STATE OF ILLINOIS PRIVISED - DEPARTMENT OF TRANSPORTATION	Sumn	nary of Quan	tities	RTE: Yorlous	SECTION COUNTY TO SHE D-6 OVD SN STR REPL 11-11 Logan/Sangamon CONTRACT N HELMOSTEEL NO PROJECT	

		√ EACH	UNIT	TOTAL QUANTITY	Logan	Sangamon	
	T9992530 T9992700	REPLACE AND TIGHTEN SIGN MOUNTING CLIPS PER'SIGN REMOVE AND REINSTALL SIGN PANEL	EACH SQ FT	364.00		2.00 364.00	
	T9997700	FURNISH AND INSTALL SAFETY CHAIN	EACH	14.00	4.00	10,00	
	T9998815	REPAIR HANDRAIL LOCKING PIN CONNECTION	EACH	59.00	17.00	42.00	
*	T9998995	DISCONNECT AND RECONNECT ELECTRIC SERVICE	EACH	7.00	2.00	5.00	
*	X0324397 X4402020	RELOCATE ELECTRIC SERVICE CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	7.00	2.00	5.00 885.00	
*	X6330103	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT	EACH	4.00	2.00	2.00	
*	X6331007	REMOVAL AND REPLACEMENT OF STEEL PLATE BEAM GUARDRAIL, RAIL ELEMENT	FOOT	100.00		100.00	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1.00	0.28	0.72	
	Z0026346 Z0029999	NIGHTTIME WORK ZONE LIGHTING	LSUM	1.00	0.28	0.72	
	20029999	IMPACT ATTENUATOR REMOVAL	EACH	1.00		1.00	
					·		
*SPECIALTY ITEM							
USSR MAG . PLOT SCALE :	DESIGNED CHECKED	REVISED	<u> </u>	L.		RYE.	SECTION COUNTY YOTAL SNEETS S OVD SIN STR REPL 11-11 Legoné-Sengumen CONTRACT NO. 46

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

District 6 Schedule of Overhead Sign Structure Repair & Replacement

	State I.D. No.:	6S084105	51.082.1	
Location No.: 1 County: SANGAMON		.P.: 82.1		tion: SB
Description of Work			Unit	Quantity
REMOVE OVERHEAD SIG	N STRUCTURE-SPAN	<u> </u>	EACH	1.00
OVERHEAD SIGN STRUC			FOOT	l
STRUCTURAL STEEL SUPPORT F	OR OVERHEAD SIGN STRUC	TURE-SPAN	EACH	
REMOVE SIGN PANEL - T			SQFT	
REMOVE & REINSTALL W			FOOT	
REPAIR HANDRAIL LOCKI			EACH	
DRILLED SHAFT CONCRE	CUYD	24.60		
REMOVE CONCRETE FOL		D	EACH	2.00
FURNISH & INSTALL SAFE			EACH	2.00
IMPACT ATTENUATOR RE			EACH	1.00
SIGN PANEL - TYPE 3	······································		SQ YD	402.00
STEEL PLATE BEAM GUA	RD RAIL. TYPE A 6 FT	POSTS	FOOT	137.50
TRAFFIC BARRIER TERMI			EACH	1.00
TRAFFIC BARRIER TERMI		NGENT)	EACH	1.00
REMOVE REERECT TRAFFIC BAR	RIER TERMINAL, TYPE 1 SPE	ECIAL, (TANGE		1.00
DISCONNECT/RECONNECT	T ELECTRIC SERVIC	Ε	EACH	1.00
CONSTRUCTION LAYOUT			L SUM	0.14
NIGHTTIME WORK ZONE L	IGHTING		L SUM	0.14
MONODIRECTIONAL GUAI		s	EACH	3.00
RELOCATE ELECTRIC SE		-	EACH	1.00
This structure is being comp	letely replaced.		***************************************	
Location No.: 2	State I.D. No.:	6S054I15		
County: LOGAN	Route: I-155 M	.P.: 1.9	Direct	ion: SB
Description of Work			Unit	
RELOCATE OVERHEAD S	ICM STRUCTURE SRA	\ N.I		Quantity
ATTILIATION IN ATTEN ALIDOADT TO	EACH	Quantity 1.00		
STRUCTURAL STEEL SUPPORT FO	OR OVERHEAD SIGN STRUC		EACH EACH	1.00
REMOVE SIGN PANEL - TY	OR OVERHEAD SIGN STRUC			1.00
	OR OVERHEAD SIGN STRUC PE 3		EACH	1.00 2.00
REMOVE SIGN PANEL - TY	OR OVERHEAD SIGN STRUC PE 3 ALKWAY	CTURE-SPAN	EACH SQ FT	1.00 2.00 542.00
REMOVE SIGN PANEL - TY REMOVE & REINSTALL WA	OR OVERHEAD SIGN STRUC PE 3 ALKWAY NG PIN CONNECTION	CTURE-SPAN	EACH SQ FT FOOT	1.00 2.00 542.00 34.00
REMOVE SIGN PANEL - TY REMOVE & REINSTALL W REPAIR HANDRAIL LOCKI	OR OVERHEAD SIGN STRUC PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS	TURE-SPAN	EACH SQ FT FOOT EACH	1.00 2.00 542.00 34.00 8.00
REMOVE SIGN PANEL - TY REMOVE & REINSTALL WA REPAIR HANDRAIL LOCKII DRILLED SHAFT CONCRE	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEA	TURE-SPAN	EACH SQ FT FOOT EACH CU YD	1.00 2.00 542.00 34.00 8.00 21.20
REMOVE SIGN PANEL - TY REMOVE & REINSTALL WA REPAIR HANDRAIL LOCKI DRILLED SHAFT CONCRE REMOVE CONCRETE FOL	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEA TY CHAIN	TURE-SPAN	EACH SQFT FOOT EACH CUYD EACH	1.00 2.00 542.00 34.00 8.00 21.20 2.00
REMOVE SIGN PANEL - TO REMOVE & REINSTALL WA REPAIR HANDRAIL LOCKI DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEA TY CHAIN	TURE-SPAN	EACH SQ FT FOOT EACH CU YD EACH EACH	1.00 2.00 542.00 34.00 8.00 21.20 2.00 75.00
REMOVE SIGN PANEL - TY REMOVE & REINSTALL WA REPAIR HANDRAIL LOCKI DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA SIGN PANEL - TYPE 3	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEA TY CHAIN RDRAIL, TYPE A	D	EACH SQFT FOOT EACH CUYD EACH EACH FOOT	1.00 2.00 542.00 34.00 8.00 21.20 2.00 75.00
REMOVE SIGN PANEL - TY REMOVE & REINSTALL WA REPAIR HANDRAIL LOCKI DRILLED SHAFT CONCRE REMOVE CONCRETE FOU FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA SIGN PANEL - TYPE 3 REMOVE REERECT TRAF	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEAD TY CHAIN RDRAIL, TYPE A FIC BARRIER TERMIN	D NAL, T 2	EACH SQFT FOOT EACH CU YD EACH EACH FOOT SQ YD	1.00 2.00 542.00 34.00 8.00 21.20 2.00 2.00 75.00 540.00
REMOVE SIGN PANEL - TY REMOVE & REINSTALL WA REPAIR HANDRAIL LOCKI DRILLED SHAFT CONCRE REMOVE CONCRETE FOU FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA SIGN PANEL - TYPE 3 REMOVE REERECT TRAF	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEA TY CHAIN RDRAIL, TYPE A FIC BARRIER TERMIN RIER TERMINAL, TYPE 1 SPE	D NAL, T 2 CIAL, (TANGE	EACH SQFT FOOT EACH CU YD EACH EACH FOOT SQ YD EACH EACH	1.00 2.00 542.00 34.00 8.00 21.20 2.00 2.00 75.00 540.00 1.00
REMOVE SIGN PANEL - TY REMOVE & REINSTALL WAREPAIR HANDRAIL LOCKIN DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA SIGN PANEL - TYPE 3 REMOVE REERECT TRAF REMOVE REERECT TRAF DISCONNECT/RECONNEC	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEA TY CHAIN RDRAIL, TYPE A FIC BARRIER TERMIN RIER TERMINAL, TYPE 1 SPE	D NAL, T 2 CIAL, (TANGE	EACH SQFT FOOT EACH CU YD EACH EACH FOOT SQ YD EACH	1.00 2.00 542.00 34.00 8.00 21.20 2.00 75.00 540.00 1.00
REMOVE SIGN PANEL - TO REMOVE & REINSTALL WAREPAIR HANDRAIL LOCKING DRILLED SHAFT CONCRETE FOUR FURNISH & INSTALL SAFE STEEL PLATE BEAM GUASIGN PANEL - TYPE 3 REMOVE REERECT TRAFREMOVE	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEAD TY CHAIN RDRAIL, TYPE A FIC BARRIER TERMIN RIER TERMINAL, TYPE 1 SPE TELECTRIC SERVIC	D NAL, T 2 CIAL, (TANGE	EACH SQFT FOOT EACH CU YD EACH EACH FOOT SQ YD EACH EACH EACH EACH L SUM	1.00 2.00 542.00 34.00 8.00 21.20 2.00 75.00 540.00 1.00 1.00 0.14
REMOVE SIGN PANEL - TY REMOVE & REINSTALL WAREPAIR HANDRAIL LOCKIN DRILLED SHAFT CONCRE REMOVE CONCRETE FOU FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA SIGN PANEL - TYPE 3 REMOVE REERECT TRAF REMOVE REERECT TRAF	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEAL TY CHAIN RDRAIL, TYPE A FIC BARRIER TERMIN RIER TERMINAL, TYPE 1 SPE TELECTRIC SERVIC	D NAL, T 2 ECIAL, (TANGE	EACH SQFT FOOT EACH CU YD EACH EACH FOOT SQ YD EACH EACH EACH EACH	1.00 2.00 542.00 34.00 8.00 21.20 2.00 75.00 540.00 1.00 1.00
REMOVE SIGN PANEL - TO REMOVE & REINSTALL WAREPAIR HANDRAIL LOCKING DRILLED SHAFT CONCRETE FOUR TO THE STEEL PLATE BEAM GUASIGN PANEL - TYPE 3 REMOVE REERECT TRAFFIC BARFED DISCONNECT/RECONNECT/RECONNECT/RECONNECT/RIGHTTIME WORK ZONE LETTER TO THE STEEL PLATE BEAM SUBSCONNECT/RECONNECT	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEAL TY CHAIN RDRAIL, TYPE A FIC BARRIER TERMIN RIER TERMINAL, TYPE 1 SPE TELECTRIC SERVIC IGHTING RD RAIL REFLECTOR	D NAL, T 2 ECIAL, (TANGE	EACH SQFT FOOT EACH CU YD EACH EACH FOOT SQ YD EACH EACH EACH L SUM L SUM	1.00 2.00 542.00 34.00 8.00 21.20 2.00 75.00 540.00 1.00 1.00 0.14 0.14
REMOVE SIGN PANEL - TO REMOVE & REINSTALL WAREPAIR HANDRAIL LOCKING DRILLED SHAFT CONCRETE FOLLOW FURNISH & INSTALL SAFE STEEL PLATE BEAM GUASIGN PANEL - TYPE 3 REMOVE REERECT TRAFFIC BARING DISCONNECT/RECONNECT/RECONNECT/RECONNECT/RICONSTRUCTION LAYOUT NIGHTTIME WORK ZONE LEMONODIRECTIONAL GUAF	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEAL TY CHAIN RDRAIL, TYPE A FIC BARRIER TERMIN RIER TERMINAL, TYPE 1 SPE TELECTRIC SERVIC IGHTING RD RAIL REFLECTOR	D NAL, T 2 ECIAL, (TANGE	EACH SQ FT FOOT EACH CU YD EACH EACH FOOT SQ YD EACH EACH EACH L SUM L SUM EACH	1.00 2.00 542.00 34.00 8.00 21.20 2.00 75.00 540.00 1.00 1.00 0.14 0.14 2.00
REMOVE SIGN PANEL - TO REMOVE & REINSTALL WAREPAIR HANDRAIL LOCKING DRILLED SHAFT CONCRETE FOLL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUASIGN PANEL - TYPE 3 REMOVE REERECT TRAFFREMOVE REERECT TRAFFIC BARIFOLD CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE LEMONODIRECTIONAL GUAF	OR OVERHEAD SIGN STRUCT PE 3 ALKWAY NG PIN CONNECTION TE FOUNDATIONS INDATION-OVERHEAD TY CHAIN RDRAIL, TYPE A FIC BARRIER TERMIN RIER TERMINAL, TYPE 1 SPE ET ELECTRIC SERVICE IGHTING RD RAIL REFLECTOR RVICE	D VAL, T2 CIAL, (TANGE E	EACH SQ FT FOOT EACH CU YD EACH EACH FOOT SQ YD EACH EACH EACH L SUM L SUM EACH	1.00 2.00 542.00 34.00 8.00 21.20 2.00 75.00 540.00 1.00 1.00 0.14 0.14 2.00

Location No.: 3	6S05410	55L128.2		
County: LOGAN	Route: I-55	M.P.: 128.	2 Direc	tion: SB
Description of Work			Unit	Quantity
RELOCATE OVERHEAD	SIGN STRUCTURE-S	SPAN	EACH	1.00
STRUCTURAL STEEL SUPPORT		RUCTURE-SPAN	EACH	2.00
REMOVE SIGN PANEL - T	YPE 3		SQFT	469.00
REMOVE & REINSTALL V			FOOT	34.00
REPAIR HANDRAIL LOCK			EACH	9.00
DRILLED SHAFT CONCR			CU YD	31.20
REMOVE CONCRETE FO	EACH	2.00		
FURNISH & INSTALL SAF			EACH	2.00
STEEL PLATE BEAM GUA	ARDRAIL, TYPE A		FOOT	75.00
SIGN PANEL - TYPE 3		***************************************	SQ YD	405.00
REMOVE REERECT TRA			EACH	1.00
REMOVE REERECT TRAFFIC BAR			EACH	1.00
DISCONNECT/RECONNE	CT ELECTRIC SERV	VICE	EACH	1.00
CONSTRUCTION LAYOUT	**************************************		L SUM	0.14
NIGHTTIME WORK ZONE	LIGHTING		L SUM	0.14
MONODIRECTIONAL GUA	RD RAIL REFLECTO	ORS	EACH	2.00
RELOCATE ELECTRIC SI	RVICE		EACH	1.00

The end supports and found	lations are being rep	laced.		
• • • • • • • • • • • • • • • • • • • •				
Location No.: 4	State I.D. No.:	6C084I07	2R103.0	<u> </u>
County: SANGAMON	Route: I-72	M.P.: 103	Direc	tion: EB
Description of Work			Direc Unit	
Description of Work				tion: EB Quantity 1.00
Description of Work REMOVE OVERHEAD SIGN STRUC	ON STRUCTURE-CA	NTILEVER R, TYPE II-C-A	Unit	Quantity
Description of Work REMOVE OVERHEAD SK	ON STRUCTURE-CA	NTILEVER R, TYPE II-C-A	Unit EACH	Quantity 1.00
Description of Work REMOVE OVERHEAD SIGN STRUC	SN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STR	NTILEVER R, TYPE II-C-A	Unit EACH FOOT	Quantity 1.00 30.00
Description of Work REMOVE OVERHEAD SK OVERHEAD SIGN STRUC STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL V	GN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STR YPE 3 /ALKWAY	NTILEVER RICTURE-CANT	Unit EACH FOOT EACH	Quantity 1.00 30.00 1.00
Description of Work REMOVE OVERHEAD SK OVERHEAD SIGN STRUC STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1	GN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STR YPE 3 /ALKWAY	NTILEVER RICTURE-CANT	Unit EACH FOOT EACH SQ FT	Quantity 1.00 30.00 1.00 84.00 17.00 4.00
Description of Work REMOVE OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL V REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 //ALKWAY ING PIN CONNECTIONS TE FOUNDATIONS	NTILEVER R, TYPE II-C-A RUCTURE-CANT	Unit EACH FOOT EACH SQ FT FOOT	Quantity 1.00 30.00 1.00 84.00 17.00
Description of Work REMOVE OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL V REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 /ALKWAY ING PIN CONNECTION TE FOUNDATIONS UNDATION-OVERHE	NTILEVER R, TYPE II-C-A RUCTURE-CANT	Unit EACH FOOT EACH SQ FT FOOT EACH	Quantity 1.00 30.00 1.00 84.00 17.00 4.00
Description of Work REMOVE OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL V REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 /ALKWAY ING PIN CONNECTION TE FOUNDATIONS UNDATION-OVERHE	NTILEVER R, TYPE II-C-A RUCTURE-CANT	Unit EACH FOOT EACH SQFT FOOT EACH CUYD	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL W REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 /ALKWAY ING PIN CONNECTION ETE FOUNDATIONS UNDATION-OVERHI ETY CHAIN	NTILEVER R, TYPE II-C-A RUCTURE-CANT	Unit EACH FOOT EACH SQ FT FOOT EACH CU YD EACH	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL W REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 /ALKWAY ING PIN CONNECTION ETE FOUNDATIONS UNDATION-OVERHI ETY CHAIN	NTILEVER R, TYPE II-C-A RUCTURE-CANT	Unit EACH FOOT EACH SQ FT FOOT EACH CU YD EACH EACH	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL W REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STR YPE 3 VALKWAY ING PIN CONNECTION ETE FOUNDATIONS UNDATION-OVERHI ETY CHAIN ARDRAIL, TYPE A	NTILEVER R, TYPE II-C-A RUCTURE-CANT ON EAD	Unit EACH FOOT EACH SQ FT FOOT EACH CU YD EACH EACH SQ YD	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00 102.00
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL W REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3 STEEL PLATE BEAM GUA	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STR YPE 3 VALKWAY ING PIN CONNECTION ETE FOUNDATIONS UNDATION-OVERHI ETY CHAIN ARDRAIL, TYPE A FFIC BARRIER TER	NTILEVER R, TYPE II-C-A RUCTURE-CANT ON EAD	Unit EACH FOOT EACH SQ FT FOOT EACH CU YD EACH EACH SQ YD FOOT	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00 102.00 112.50
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL W REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3 STEEL PLATE BEAM GU/ REMOVE REERECT TRA	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 VALKWAY ING PIN CONNECTION TE FOUNDATIONS UNDATION-OVERHI ETY CHAIN ARDRAIL, TYPE A FFIC BARRIER TER CT ELECTRIC SERV	NTILEVER R, TYPE II-C-A RUCTURE-CANT ON EAD	Unit EACH FOOT EACH SQ FT FOOT EACH CU YD EACH EACH SQ YD FOOT EACH	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00 102.00 112.50 1.00
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUC STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL W REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3 STEEL PLATE BEAM GU/ REMOVE REERECT TRA DISCONNECT/RECONNE	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 VALKWAY ING PIN CONNECTION TE FOUNDATIONS UNDATION-OVERHI ETY CHAIN ARDRAIL, TYPE A FFIC BARRIER TER CT ELECTRIC SERV	NTILEVER R, TYPE II-C-A RUCTURE-CANT ON EAD	Unit EACH FOOT EACH SQ FT FOOT EACH CU YD EACH EACH SQ YD FOOT EACH	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00 102.00 112.50 1.00
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUC STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL W REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3 STEEL PLATE BEAM GU/ REMOVE REERECT TRA DISCONNECT/RECONNE CONSTRUCTION LAYOUT	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 VALKWAY ING PIN CONNECTION ETE FOUNDATIONS UNDATION-OVERHI ETY CHAIN ARDRAIL, TYPE A FFIC BARRIER TER CT ELECTRIC SERV	NTILEVER R, TYPE II-C-A RUCTURE-CANT ON EAD MINAL, T 2 /ICE	Unit EACH FOOT EACH SQ FT FOOT EACH CU YD EACH EACH SQ YD FOOT EACH L SUM	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00 102.00 112.50 1.00 0.14
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL V REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3 STEEL PLATE BEAM GUA REMOVE REERECT TRA DISCONNECT/RECONNE CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 /ALKWAY ING PIN CONNECTION TE FOUNDATIONS UNDATION-OVERHE ETY CHAIN ARDRAIL, TYPE A FFIC BARRIER TER CT ELECTRIC SERV LIGHTING RD RAIL REFLECTO	NTILEVER R, TYPE II-C-A RUCTURE-CANT ON EAD MINAL, T 2 /ICE	Unit EACH FOOT EACH SQ FT FOOT EACH CU YD EACH EACH SQ YD FOOT EACH L SUM L SUM	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00 102.00 112.50 1.00 0.14 0.14
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL V REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3 STEEL PLATE BEAM GUA REMOVE REERECT TRA DISCONNECT/RECONNE CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE MONODIRECTIONAL GUA	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 /ALKWAY ING PIN CONNECTION TE FOUNDATIONS UNDATION-OVERHE ETY CHAIN ARDRAIL, TYPE A FFIC BARRIER TER CT ELECTRIC SERV LIGHTING RD RAIL REFLECTO	NTILEVER R, TYPE II-C-A RUCTURE-CANT ON EAD MINAL, T 2 /ICE	Unit EACH FOOT EACH SQFT FOOT EACH CU YD EACH EACH SQ YD FOOT EACH L SUM L SUM EACH	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00 102.00 112.50 1.00 1.00 0.14 0.14 3.00
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL V REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3 STEEL PLATE BEAM GUA REMOVE REERECT TRA DISCONNECT/RECONNE CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE MONODIRECTIONAL GUA	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 /ALKWAY ING PIN CONNECTION TE FOUNDATIONS UNDATION-OVERHE ETY CHAIN ARDRAIL, TYPE A FFIC BARRIER TER CT ELECTRIC SERV LIGHTING RD RAIL REFLECTO ERVICE	NTILEVER R, TYPE II-C-A RUCTURE-CANT ON EAD MINAL, T 2 /ICE	Unit EACH FOOT EACH SQFT FOOT EACH CU YD EACH EACH SQ YD FOOT EACH L SUM L SUM EACH	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00 102.00 112.50 1.00 1.00 0.14 0.14 3.00
Description of Work REMOVE OVERHEAD SIGN OVERHEAD SIGN STRUCTURAL STEEL SUPPORT REMOVE SIGN PANEL - 1 REMOVE & REINSTALL V REPAIR HANDRAIL LOCK DRILLED SHAFT CONCR REMOVE CONCRETE FO FURNISH & INSTALL SAF SIGN PANEL - TYPE 3 STEEL PLATE BEAM GUA REMOVE REERECT TRA DISCONNECT/RECONNE CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE MONODIRECTIONAL GUA RELOCATE ELECTRIC SI	EN STRUCTURE-CA TURE-CANTILEVER FOR OVERHEAD SIGN STE YPE 3 /ALKWAY ING PIN CONNECTION TE FOUNDATIONS UNDATION-OVERHE ETY CHAIN ARDRAIL, TYPE A FFIC BARRIER TER CT ELECTRIC SERV LIGHTING RD RAIL REFLECTO ERVICE	NTILEVER R, TYPE II-C-A RUCTURE-CANT ON EAD MINAL, T 2 /ICE	Unit EACH FOOT EACH SQFT FOOT EACH CU YD EACH EACH SQ YD FOOT EACH L SUM L SUM EACH	Quantity 1.00 30.00 1.00 84.00 17.00 4.00 7.30 1.00 2.00 102.00 112.50 1.00 1.00 0.14 0.14 3.00

	·										
Location No.: 5	 	D. No.:		6C084105							
County: SANGAMON	Route:	I-55	5 M.F	P.: 101.8	3 Direc	tion: EB					
Description of Work					Unit	Quantity					
REMOVE OVERHEAD SIG	N STRU	CTURE	-CANTIL	.EVER	EACH	1.00					
OVERHEAD SIGN STRUCT	TURE-C	ANTILE	VER, TY	PE II-C-A	FOOT	30.00					
STRUCTURAL STEEL SUPPORT F	OR OVER	HEAD SIG	N STRUCT	URE-CANT	EACH	1.00					
REMOVE SIGN PANEL - TO	/PE 3				SQFT	84.00					
REMOVE & REINSTALL W					FOOT	17.00					
REPAIR HANDRAIL LOCKI					EACH	4.00					
DRILLED SHAFT CONCRE	CU YD	7.10									
REMOVE CONCRETE FOL			ERHEAD		EACH	1.00					
FURNISH & INSTALL SAFE					EACH	2.00					
STEEL PLATE BEAM GUA			Α		FOOT	25.00					
TRAFFIC BARRIER TERMIN	VAL, TY	PE 2			EACH	1.00					
SIGN PANEL - TYPE 3					SQ YD	84.00					
TRAFFIC BARRIER TERMIN					EACH	1.00					
REMOVAL AND REPLACEMENT OF STE					FOOT	100.00					
DISCONNECT/RECONNEC	TELEC	CTRIC S	SERVICE		EACH	1.00					
CONSTRUCTION LAYOUT				~	L SUM	0.14					
NIGHTTIME WORK ZONE L					LSUM	0.14					
MONODIRECTIONAL GUAR		REFLE	CTORS		EACH	3.00					
RELOCATE ELECTRIC SE	RVICE	~~~	***************************************		EACH	1.00					
This structure is being comp	letely re	placed	·····								
			····								
Location No.: 6	State I.I			65084105							
County: SANGAMON	Route:	I-55	M.F	P.: 94.7		tion: SB					
Description of Work					Unit	Quantity					
REMOVE OVERHEAD SIG					EACH	1.00					
OVERHEAD SIGN STRUCT					FOOT	111.00					
STRUCTURAL STEEL SUPPORT FO			N STRUCT	URE-SPAN							
		EL	REMOVE & REINSTALL SIGN PANEL								
	REMOVE & REINSTALL WALKWAY										
REPLACE / TIGHTEN CLIP:		Υ			EACH SQ FT FOOT	2.00 364.00 54.00					
DEDAID HAAIDDAIL LOOK	SPERS	Y SIGN	OTION		SQ FT FOOT EACH	364.00 54.00 2.00					
REPAIR HANDRAIL LOCKI	S PER S	Y SIGN CONNE			SQ FT FOOT EACH EACH	364.00 54.00 2.00 12.00					
DRILLED SHAFT CONCRE	S PER S NG PIN (TE FOL	Y SIGN CONNE INDATI	SNC		SQ FT FOOT EACH EACH CU YD	364.00 54.00 2.00 12.00 24.10					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL	S PER S NG PIN (TE FOU INDATIO	Y BIGN CONNE INDATION-OVE	SNC		SQ FT FOOT EACH EACH CU YD EACH	364.00 54.00 2.00 12.00 24.10 2.00					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOU FURNISH & INSTALL SAFE	S PER S NG PIN (TE FOU INDATIO TY CHA	Y SIGN CONNE INDATION-OVE	ONS RHEAD		SQ FT FOOT EACH EACH CU YD EACH EACH	364.00 54.00 2.00 12.00 24.10 2.00 2.00					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOU FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA	S PER S NG PIN (TE FOU INDATIO TY CHA RDRAIL	Y SIGN CONNE JNDATION-OVE JN JN , TYPE	ONS ERHEAD A	IN TANCE	SQFT FOOT EACH EACH CUYD EACH EACH FOOT	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA REMOVE REERECT TRAFFIC BARI	S PER S NG PIN (TE FOU INDATIO TY CHA RDRAIL RIER TERI	Y SIGN CONNE INDATION-OVE VIN , TYPE WINAL, TY	ONS ERHEAD A PE 1 SPEC		SQ FT FOOT EACH EACH CU YD EACH EACH FOOT EACH	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50 1.00					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA REMOVE REERECT TRAFFIC BARK DISCONNECT/RECONNEC	S PER S NG PIN (TE FOU INDATIO TY CHA RDRAIL RIER TERI	Y SIGN CONNE INDATION-OVE VIN , TYPE WINAL, TY	ONS ERHEAD A PE 1 SPEC		SQ FT FOOT EACH EACH CU YD EACH EACH FOOT EACH EACH	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50 1.00					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA REMOVE REERECT TRAFFIC BARF DISCONNECT/RECONNEC CONSTRUCTION LAYOUT	S PER S NG PIN (TE FOU JNDATIO TY CHA RDRAIL RIER TERIO T ELEC	Y SIGN CONNE JNDATIO ON-OVE JIN , TYPE MINAL, TY CTRIC S	ONS ERHEAD A PE 1 SPEC		SQ FT FOOT EACH EACH CU YD EACH EACH FOOT EACH EACH L SUM	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50 1.00 0.14					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA REMOVE REERECT TRAFFIC BARF DISCONNECT/RECONNEC CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE L	S PER S NG PIN (TE FOU JINDATIC TY CHA RDRAIL RIER TERI T ELEC	Y SIGN CONNE JNDATIO DN-OVE LIN , TYPE MINAL, TY CTRIC S	ONS ERHEAD A PE 1 SPEC ERVICE		SQFT FOOT EACH EACH EACH EACH FOOT EACH EACH L SUM L SUM	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50 1.00 0.14 0.14					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA REMOVE REERECT TRAFFIC BARF DISCONNECT/RECONNEC CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE L MONODIRECTIONAL GUAF	S PER S NG PIN O TE FOU UNDATIO TY CHA RDRAIL RIER TERE TELEC IGHTING RD RAIL	Y SIGN CONNE JNDATIO DN-OVE LIN , TYPE MINAL, TY CTRIC S	ONS ERHEAD A PE 1 SPEC ERVICE		SQFT FOOT EACH EACH CU YD EACH EACH FOOT EACH EACH L SUM L SUM EACH	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50 1.00 0.14 0.14					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA REMOVE REERECT TRAFFIC BARF DISCONNECT/RECONNEC CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE L	S PER S NG PIN O TE FOU UNDATIO TY CHA RDRAIL RIER TERE TELEC IGHTING RD RAIL	Y SIGN CONNE JNDATIO DN-OVE LIN , TYPE MINAL, TY CTRIC S	ONS ERHEAD A PE 1 SPEC ERVICE		SQFT FOOT EACH EACH EACH EACH FOOT EACH EACH L SUM L SUM	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50 1.00 0.14 0.14					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA REMOVE REERECT TRAFFIC BARF DISCONNECT/RECONNEC CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE L MONODIRECTIONAL GUAF RELOCATE ELECTRIC SE	S PER S NG PIN (TE FOL INDATIC TY CHA RDRAIL RIER TERI T ELEC IGHTING RVICE	Y SIGN CONNE CONNE INDATIO DN-OVE IN , TYPE WINAL, TY CTRIC S REFLE	ONS ERHEAD A PE 1 SPEC ERVICE		SQFT FOOT EACH EACH CU YD EACH EACH FOOT EACH EACH L SUM L SUM EACH	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50 1.00 0.14 0.14					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA REMOVE REERECT TRAFFIC BARF DISCONNECT/RECONNEC CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE L MONODIRECTIONAL GUAF	S PER S NG PIN (TE FOL INDATIC TY CHA RDRAIL RIER TERI T ELEC IGHTING RVICE	Y SIGN CONNE CONNE INDATIO DN-OVE IN , TYPE WINAL, TY CTRIC S REFLE	ONS ERHEAD A PE 1 SPEC ERVICE		SQFT FOOT EACH EACH CU YD EACH EACH FOOT EACH EACH L SUM L SUM EACH	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50 1.00 0.14 0.14					
DRILLED SHAFT CONCRE REMOVE CONCRETE FOL FURNISH & INSTALL SAFE STEEL PLATE BEAM GUA REMOVE REERECT TRAFFIC BARF DISCONNECT/RECONNEC CONSTRUCTION LAYOUT NIGHTTIME WORK ZONE L MONODIRECTIONAL GUAF RELOCATE ELECTRIC SE	S PER S NG PIN (TE FOL INDATIC TY CHA RDRAIL RIER TERI T ELEC IGHTING RVICE	Y SIGN CONNE CONNE INDATIO DN-OVE IN , TYPE WINAL, TY CTRIC S REFLE	ONS ERHEAD A PE 1 SPEC ERVICE		SQFT FOOT EACH EACH CU YD EACH EACH FOOT EACH EACH L SUM L SUM EACH	364.00 54.00 2.00 12.00 24.10 2.00 2.00 37.50 1.00 0.14 0.14					

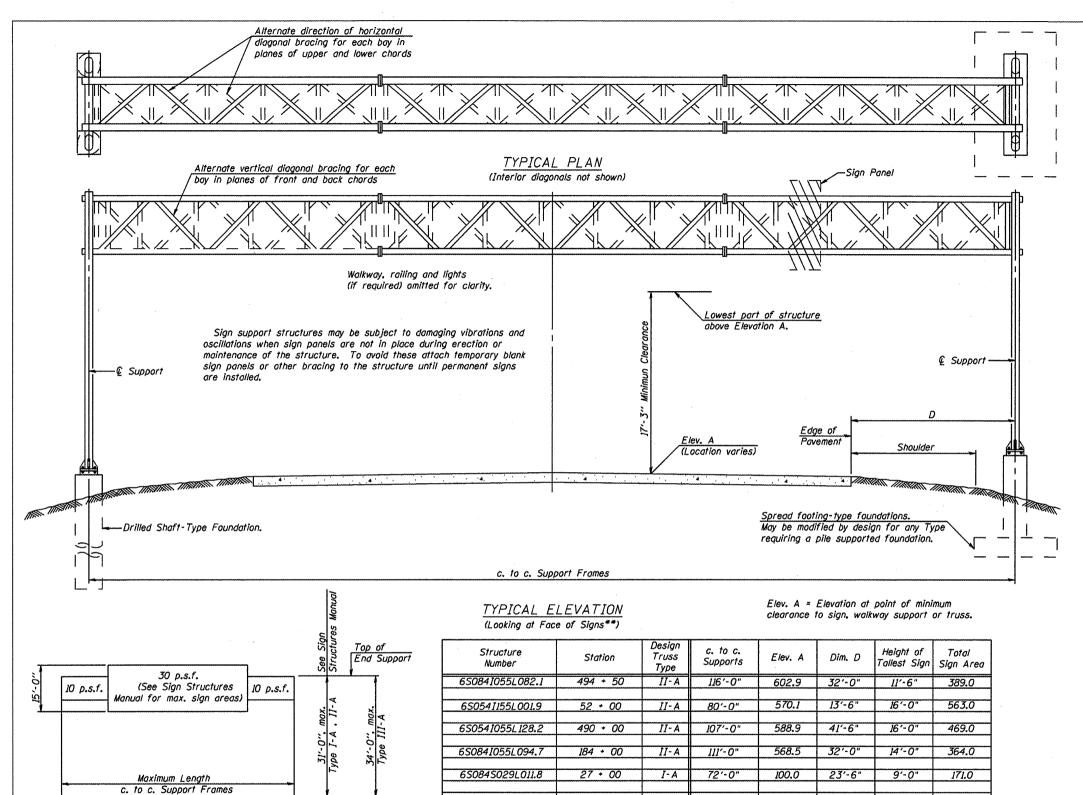
LE NAME #	USER NAME =	DESIGNED	REVISED
		CHECKED	REVISED
	PLOT SCALE *	DRAWN	REVISED
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

District 6 Schedule of Overhead Sign Structure Repair & Replacement

	•					i i
Location No.: 7	State I.D.	No.:	680)84SC	29L11.8	
County: SANGAMON	Route:	IL 29	M.P.:	11.8	Direc	tion: SB
Description of Work	***************************************				Unit	Quantity
REMOVE OVERHEAD SIG	N STRUC	TURE-S	PAN		EACH	1.00
OVERHEAD SIGN STRUCT		FOOT	72.00			
STRUCTURAL STEEL SUPPORT F	OR OVERHEA	AD SIGN S	TRUCTURE-	SPAN	EACH	2.00
REMOVE SIGN PANEL - T	/PE 3				SQFT	171.00
REMOVE & REINSTALL W.	ALKWAY				FOOT	47.00
REPAIR HANDRAIL LOCKI	NG PIN CO	DNNEC.	ΓΙΟΝ		EACH	10.00
DRILLED SHAFT CONCRE	TE FOUN	NOITAC	S		CU YD	20.20
REMOVE CONCRETE FOL	JNDATION	-OVERI	HEAD		EACH	2.00
FURNISH & INSTALL SAFE	TYCHAIN				EACH	2.00
SIGN PANEL - TYPE 3					SQ YD	164.00
CONCRETE MEDIAN SUR					SQFT	885.00
CONCRETE MEDIAN SUR	FACE, 4 IN	ICH			SQFT	885.00
CURB REMOVAL					FOOT	105.00
CONCRETE CURB, TYPE I					FOOT	105.00
DISCONNECT/RECONNECT	TELECT	RIC SEF	RVICE		EACH	1.00
CONSTRUCTION LAYOUT					LSUM	0.14
NIGHTTIME WORK ZONE L	IGHTING				LSUM	0.14
RELOCATE ELECTRIC SE	RVICE				EACH	1.00
This structure is being comp	letely repla	ced.			***************************************	
		·····				

USER NAME =	DESIGNED	REVISED -			F.A.	SECTION	COUNTY	TOTAL	SHEET
	CHECKED	REVISED	STATE OF ILLINOIS	·	Various 0-6		LananaSanaaman	29	NU.
PLOT SCALE =	DRAWN	REVISED	DEPARTMENT OF TRANSPORTATION		10.000 0.0	010 011 0111 112 11 11	CONTRACT	NO. 4	16134
 PLOT DATE .	CHECKED	REVISED -		SHEET NO. 3 OF 25 SHEETS		ILLINOIS FED.			



DESIGN WIND LOADING DIAGRAM

(See Sign Structures Manual)

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

**Looking upstation for structures with signs both sides.

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

GENERAL NOTES

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

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

LOADING: 90 M.P.H. WIND VELOCITY

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

DESIGN STRESSES: Field Units f'c = 3,500 p.s.i. 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 D.1.1 and D1.2 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 Plates and Shapes shall conform to AASHTO M270 Gr. 36. Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240. Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.

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

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO MI64 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307, All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505,04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

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

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

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

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

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

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

TOTAL BILL OF MATERIAL

UNIT TOTAL
Foot
Foot
Foot
Foot
Cu. Yds.
Cu. Yds.

0S-A-1

FILE NAME .

7-1-10

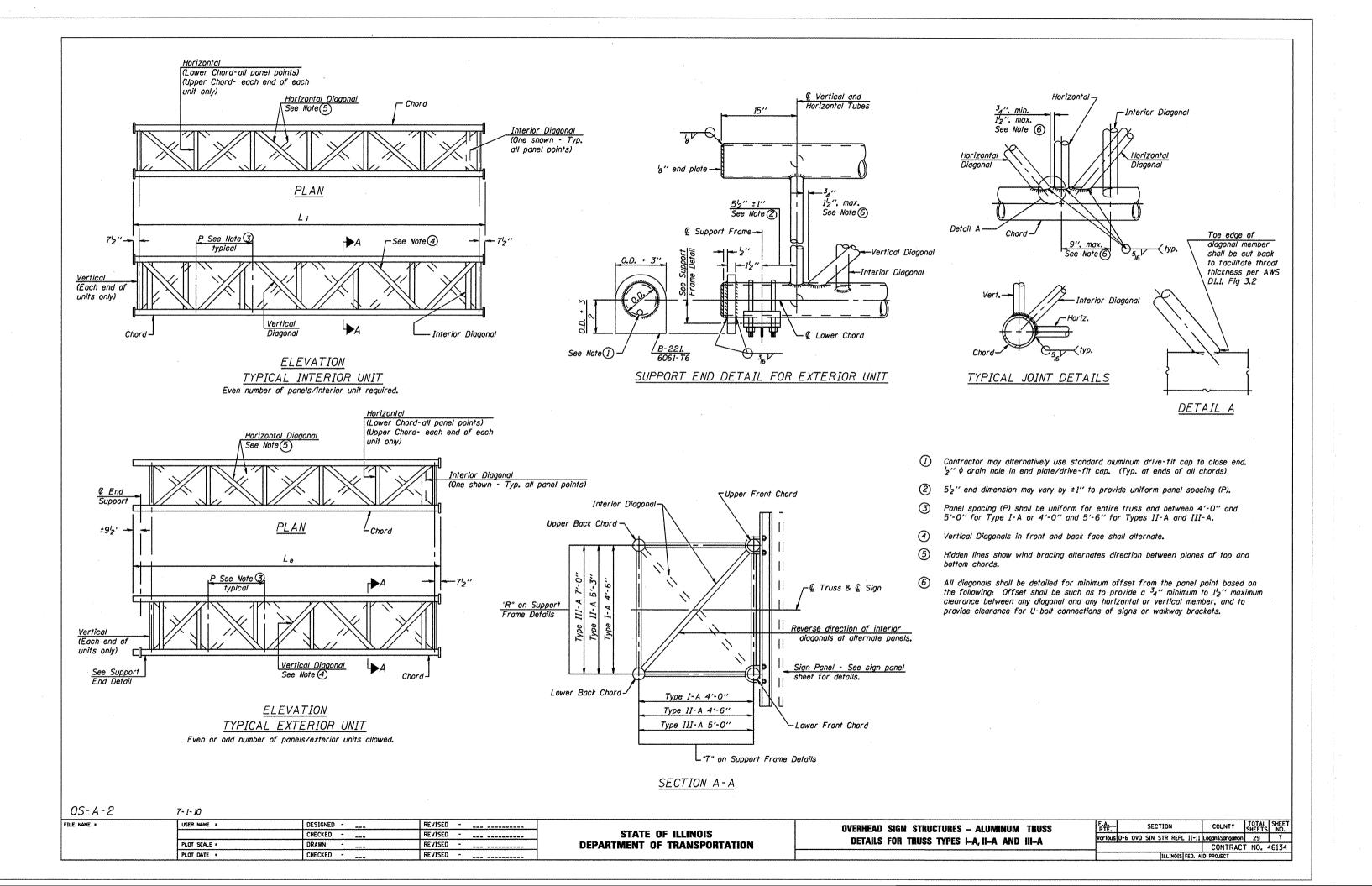
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES — GENERAL PLAN & ELEVATION — ALUMINUM TRUSS & STEEL SUPPORTS

F.A. SECTION COUNTY TOTAL SHEET NO.

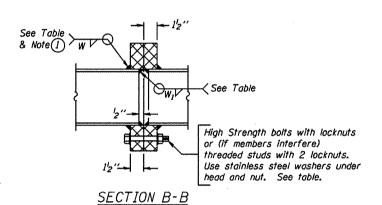
VORTIOUS D-6 OVD SIN STR REPL 11-11 Logan&Sangamon 29 6

CONTRACT NO. 46134

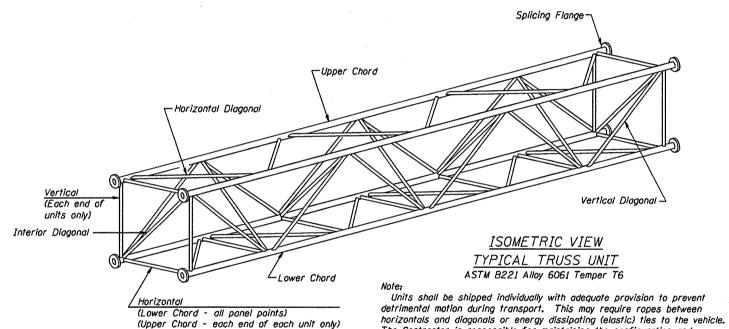


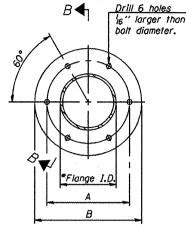
TRUSS UNIT TABLE

Structure Station Truss	Exte	rior Units	(2)		Interior Unit			Upper & Lower Chord		Verticals: Horizontals: Vertical, Horizontal, and Interior Diagonals		Camber	Splicing Flange							
Number	Station	Type	No. Panels per Unit	Unit Lgth.(Le)	Panel Lgth.(P)	No. Reg'd.	No. Panels per Unit	Unit Lgth.(L _i)	Panel Lgth.(P)		Wall	O.D.	Wall	Midspan	Bolt. No./Splice		Weld W	Sizes Wı	A	В
6S0841055L082.1	494 + 50	II-A		39'-4 1/2"			8	38′-5*	4'-7 3/4"	7"	5/16"	3"	5/16"	3.95"	6	1"	3/8"	1/4"	11 1/2"	15"
6S084I055L094.7	184 + 00	II-A	7	39'-11 1/4"	5'-5 1/4"	1	6	33'-10 1/2'	5'-5 1/4"	7"	5/16"	3"	5/16"	3,75"	6	1"	3/8"	1/4"	11 1/2"	<i>1</i> 5"
650845029L011.8	27 + 00	I-A	7	36'-10 1/2"	5′-0"	0				5"	5/16"	2 1/2"	5/16"	1.8"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
								<u> </u>												
						 														

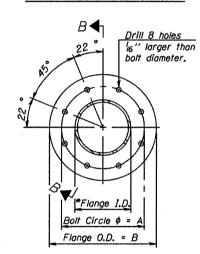


(1) Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining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



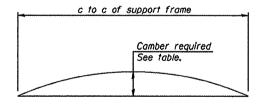


TRUSS TYPES I-A. II-A. & III-A



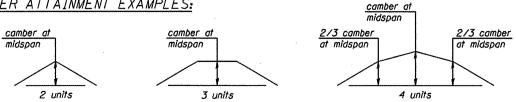
TRUSS TYPES II-A & III-A SPLICING FLANGES ASTM B221, Alloy 6061-T6

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



CAMBER DIAGRAM 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)

0S4-A-2

FILE NAME =

7-1-10

· 				
	USER NAME =	DESIGNED	REVISED	_
		CHECKED	REVISED -	
	PLOT SCALE *	DRAWN	REVISED -	
	PLOT DATE *	CHECKED	REVISED -	

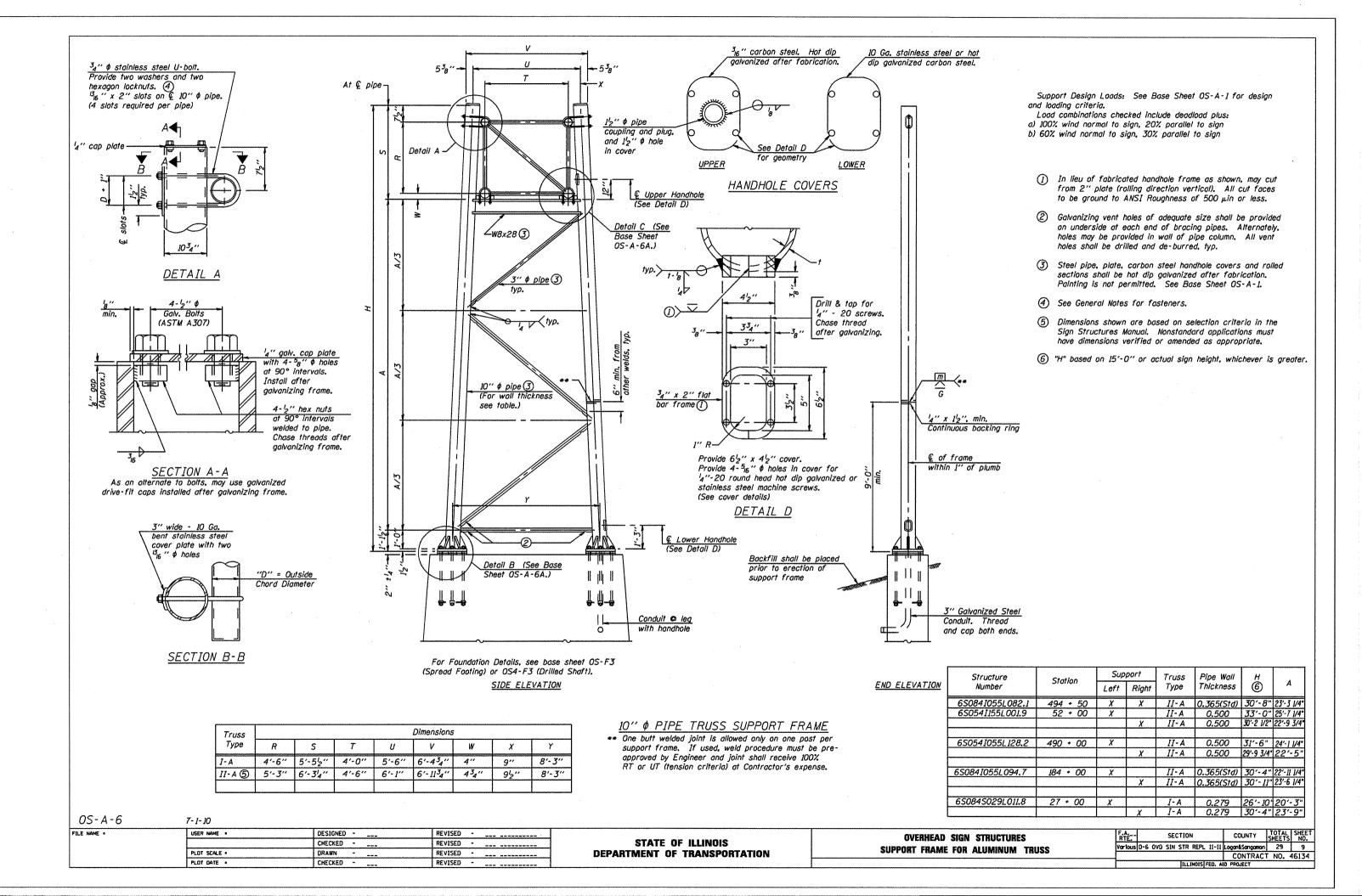
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

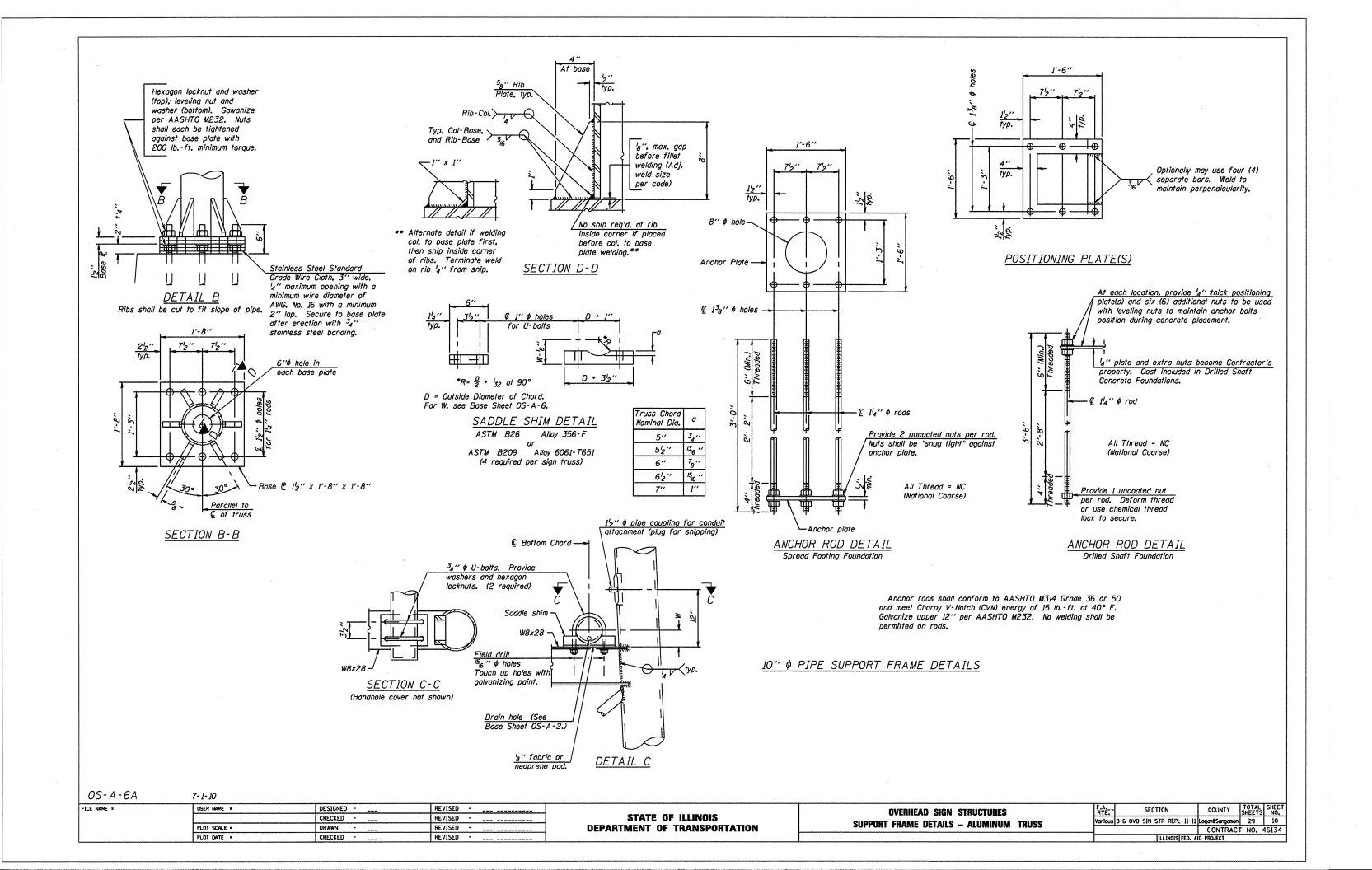
OVERHEAD S	SIGN	STRUC	TURES	- ALUMI	NUM	TRUSS	DETAILS
I	FOR '	TRUSS	TYPES	I-A, II-A	AND	III-A	

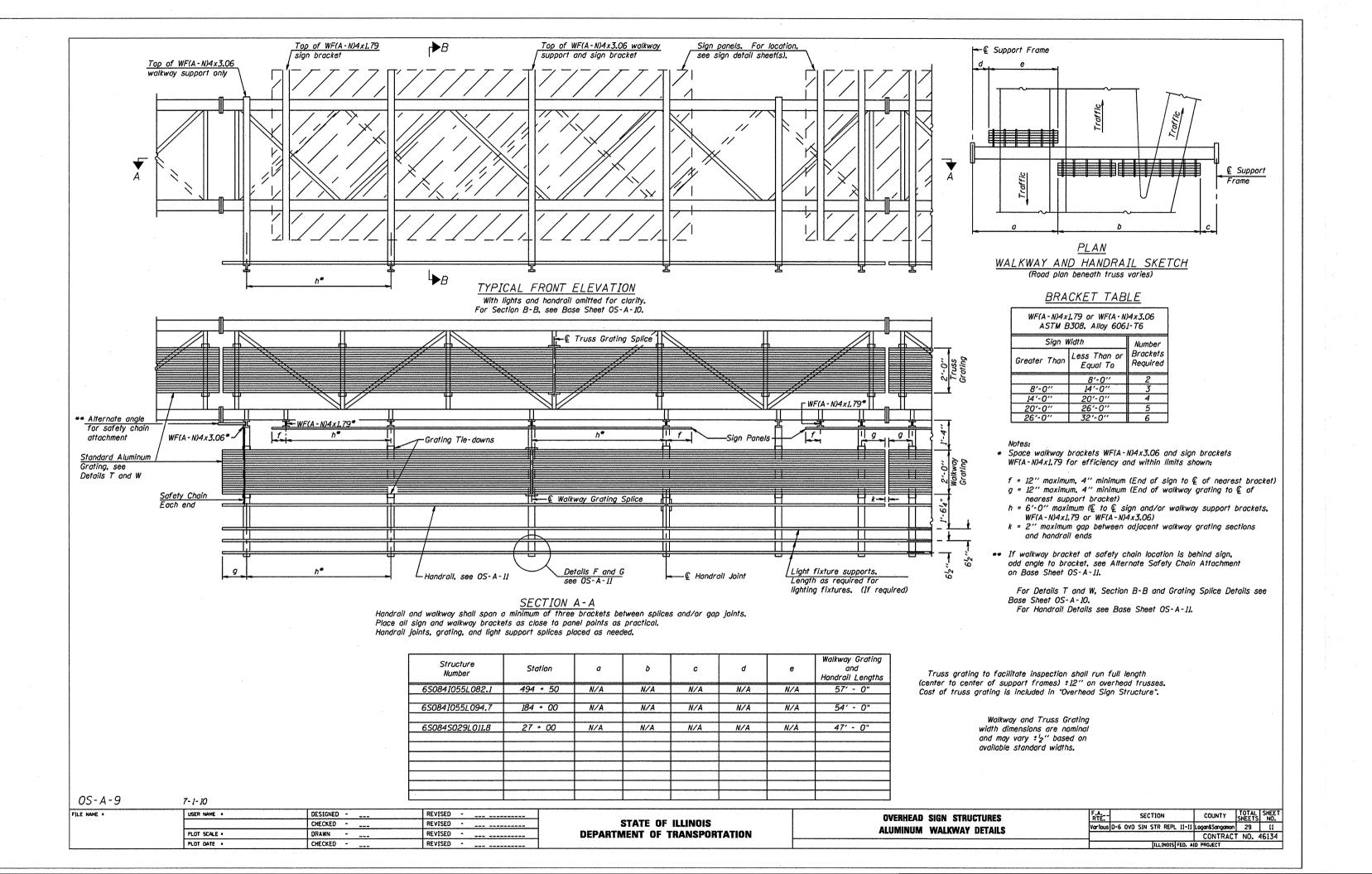
The Contractor is responsible for maintaining the configuration and

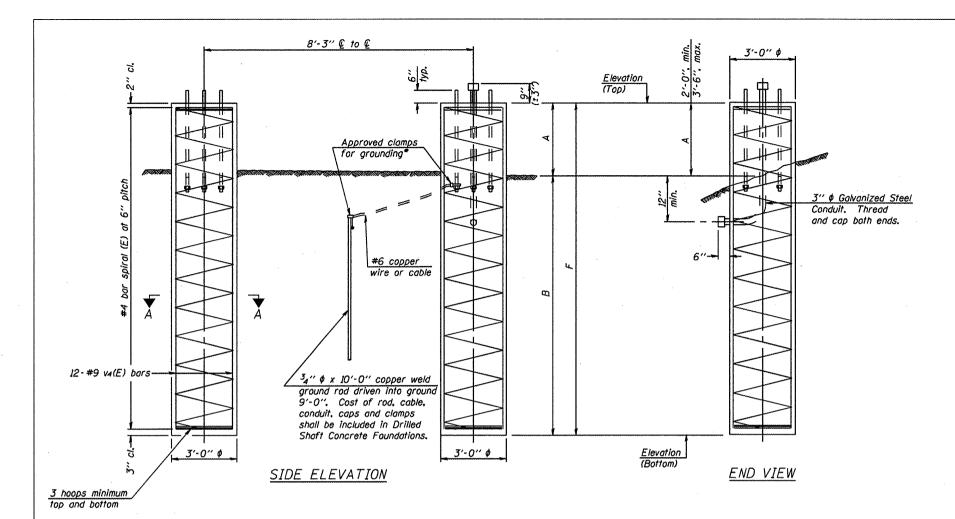
protection of the units.

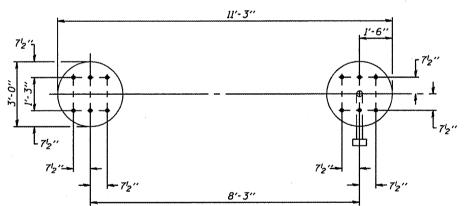
	F.A. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Various D-6 OVD SIN STR REPL 11-11	Logan&Sangamon	29	8
_		CONTRACT	T NO. 4	46134
	ILLINOIS FED. A	ID PROJECT		











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.

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
v4(E)	24	#9	F less 5"	
#4 bo	ır spiral (l	E) - see	Side Elevatio	ก

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

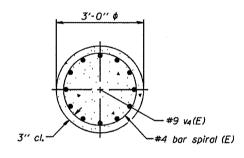
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District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

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

Concrete shall be placed monolithically, without construction joints.

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

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



SECTION A-A

DETAILS FOR 10" \$ SUPPORT FRAME TYPE I-A or II-A TRUSS

PLAN

Hard drilling in soil will be encountered within the anticipated shaft length at SN 6S084I055L082.1 and 6S084I055L94.7.

Structure			Left Foundation			Right Foundation				Class DS		
Structure Number	Station	Elevation Top	Elevation Bottom	A	В	F	Elevation Top	Elevation Bottom	А	В	F	Concrete (Cu. Yds.)
6S084I055L082.1	494 + 50	601.6	N/A	3′-0"	20′-6"	23′-6"	601.6	N/A	3′-0"	20′-6"	23′-6"	24.6
650541155L001 . 9	52 + 00	567.1	N/A	3'-6"	17'-6"	21'-0"	569.9	N/A	2'-0	17′-6"	19′-6"	21,2
6S054I055L128.2	490 + 00	587.2	N/A	3'-6"	27'-0"	30′-6"	588.9	N/A	2′-0	27'-0"	29′-0"	31.2
65084 <u>1</u> 055L094 . 7	184 + 00	568.0	N/A	2'-0"	16'-0"	18'-0"	567.4	N/A	3'-1	16'-0"	19'-1"	19.4
6S084S029L011.8	27 + 00	102.5	N/A	2'-0"	16'-6"	18'-6"	99.5	N/A	3′-0	16'-6"	19′-6"	20.2
E lev	ations were taken	from existing	sign structure	details.								

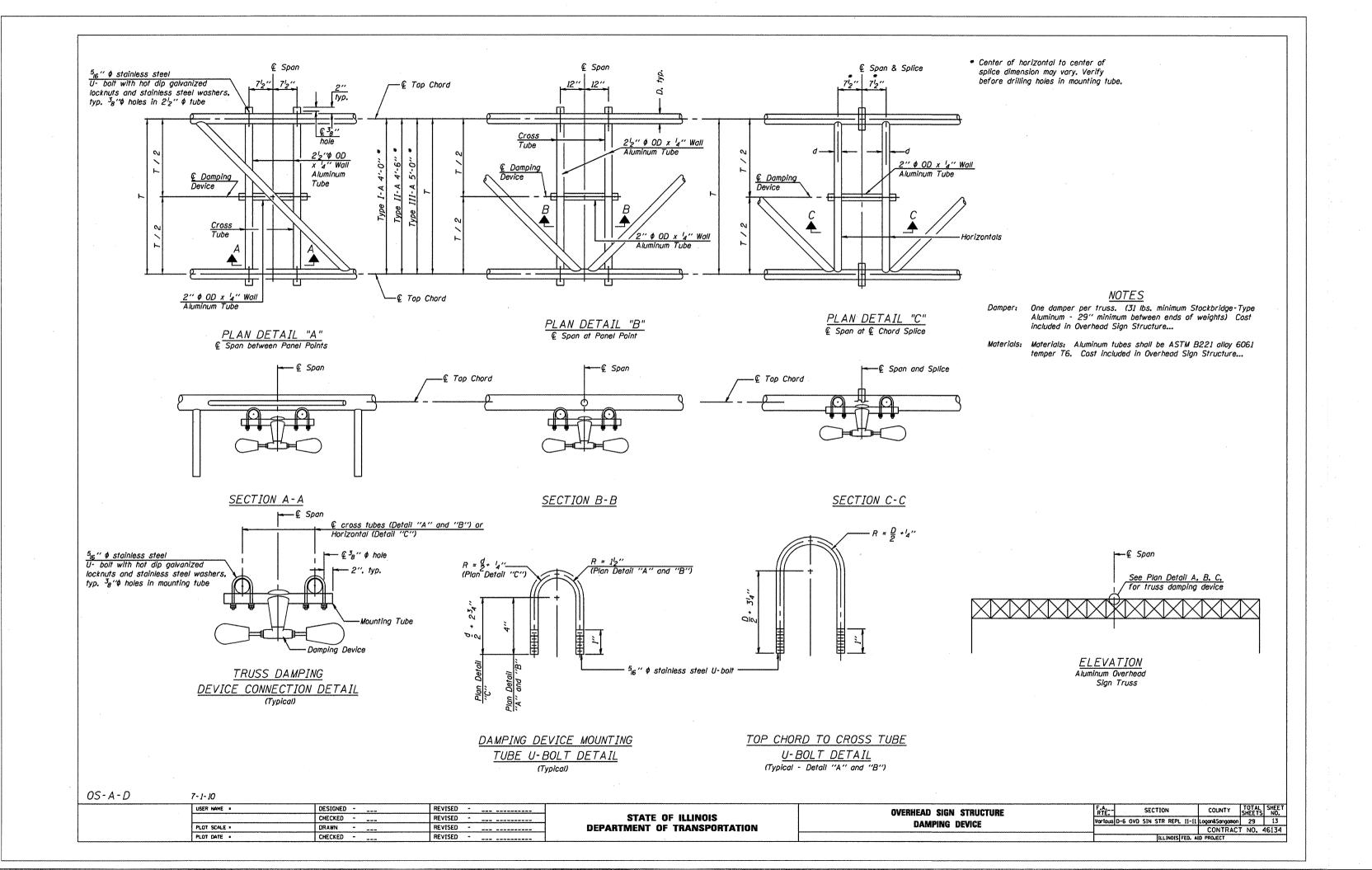
0S4-F3

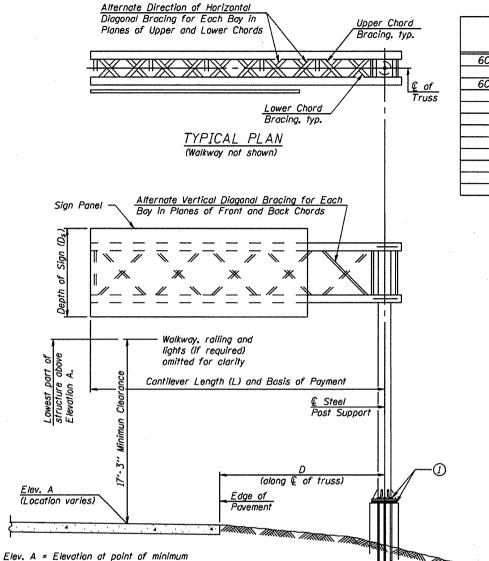
7-*1-1*0

L				
FILE NAME *	USER NAME =	DESIGNED	REVISED	
		CHECKED	REVISED	
	PLOT SCALE .	DRAWN	REVISED -	
	PLOT DATE =	CHECKED	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** **OVERHEAD SIGN STRUCTURES DRILLED SHAFT DETAILS**

SECTION



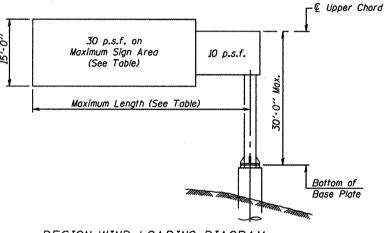


TYPICAL ELEVATION Looking in Direction of Traffic

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
6C084I072RI03.0	52 + 50	11-C-A	30′-0"	100-0	23'-0"	7′-0"	84.0
6C084I055RI0I.8	498 + 00	II-C-A	30'-0"	100-0	23'-0"	7′-0"	84.0

Truss Type	Maximum Sign Area	Maximum Length	_
I-C-A	170 Sq. Ft.	25 Ft.	_
II-C-A	340 Sq. Ft.	30 Ft.	_
III-C-A	400 Sg. Ft.	40 Ft.	_



DESIGN WIND LOADING DIAGRAM Parameters shown are basis for I.D.O.T. Standar

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

Note:

Trusses 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 trusses.

- 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) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions, ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

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

DESIGN STRESSES: Field Units f'a = 3.500 p.s.i.

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 D1.1 and D1.2 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 Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer. The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft, at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO MI64 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

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

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

ANCHOR RODS: Shall conform to AASHTO M314 Gr. 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 accordance 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

ITEM	UNIT TOTA
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE I-C-A	Foot
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE II-C-A	Foot
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE III-C-A	Foot
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	Foot
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.

OSC - A - 1 7-1-10

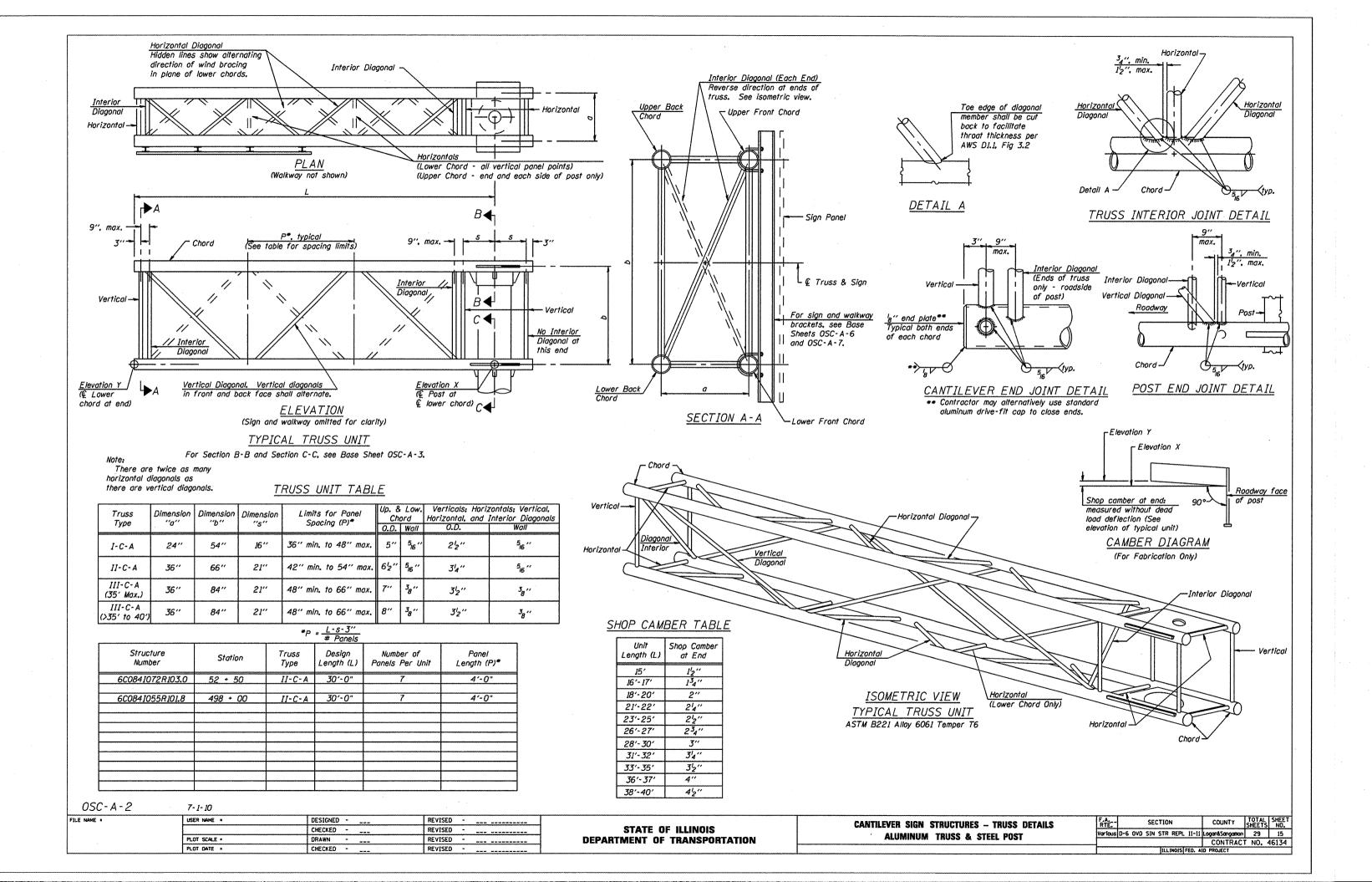
clearance to sign, walkway support or truss.

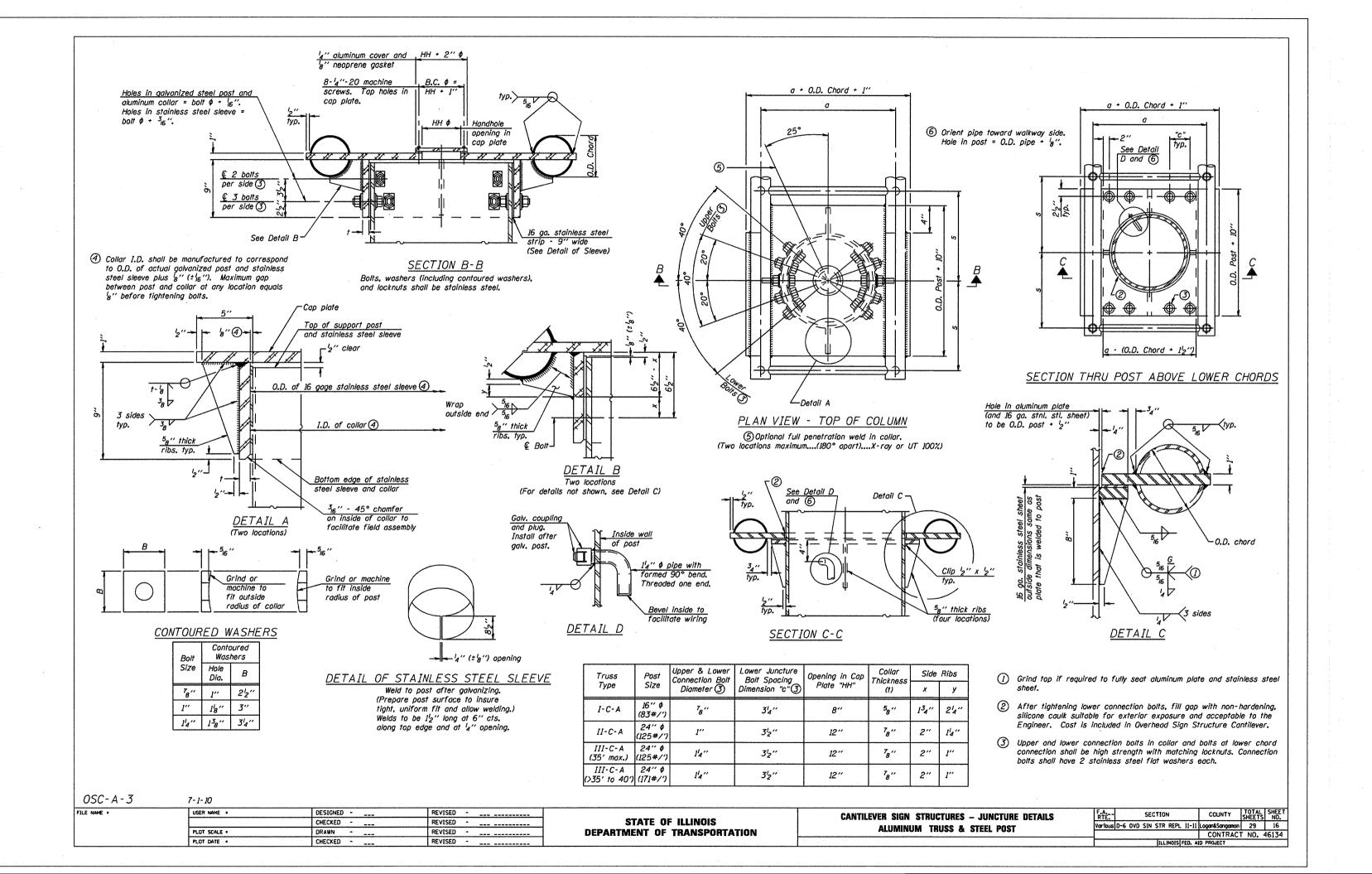
030 A 1	1-1-10		
FILE NAME .	USER NAME .	DESIGNED	REVISED -
		CHECKED	REVISED -
	PLOT SCALE .	DRAWN	REVISED
	PLOT DATE *	CHECKED -	REVISED -

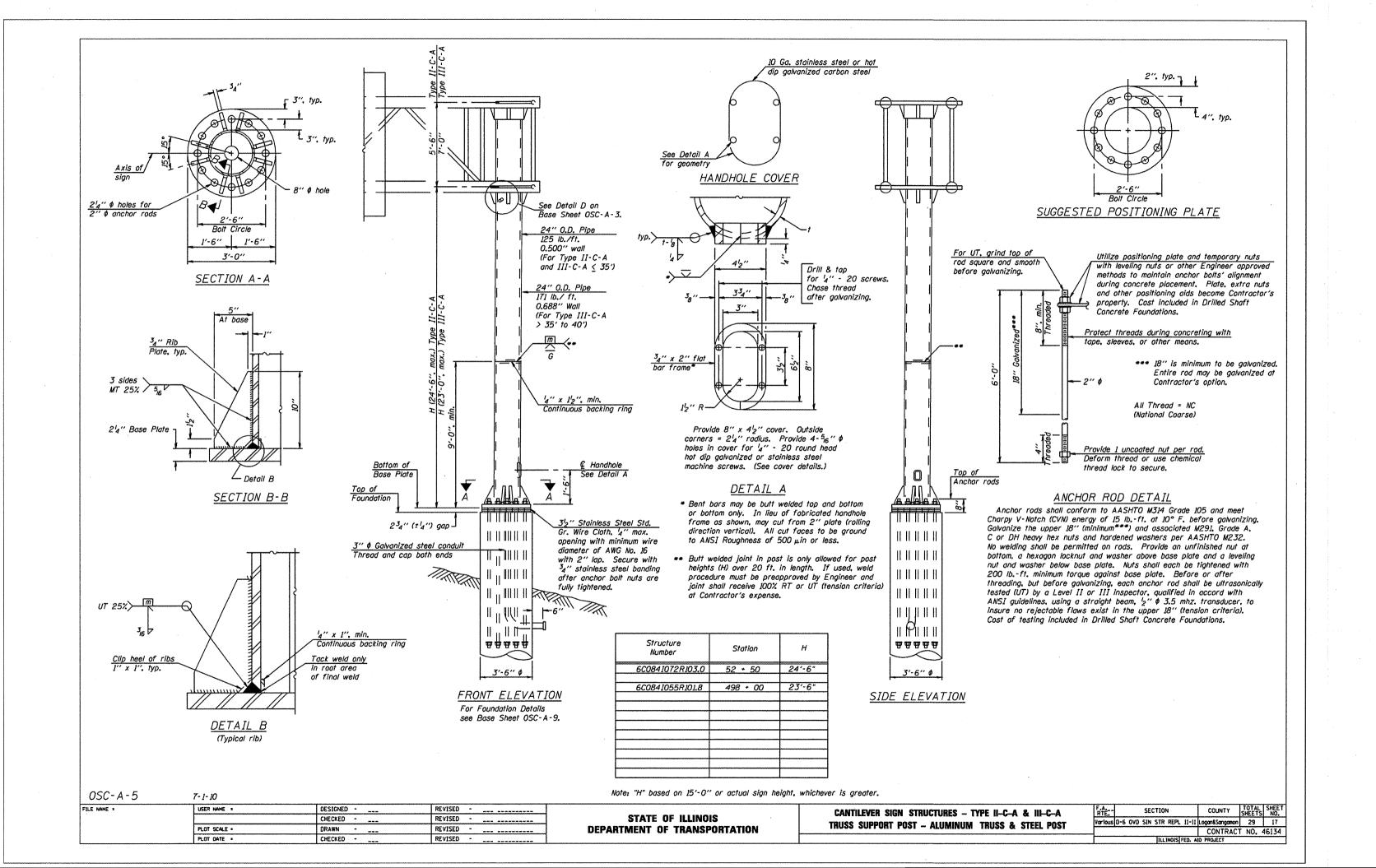
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

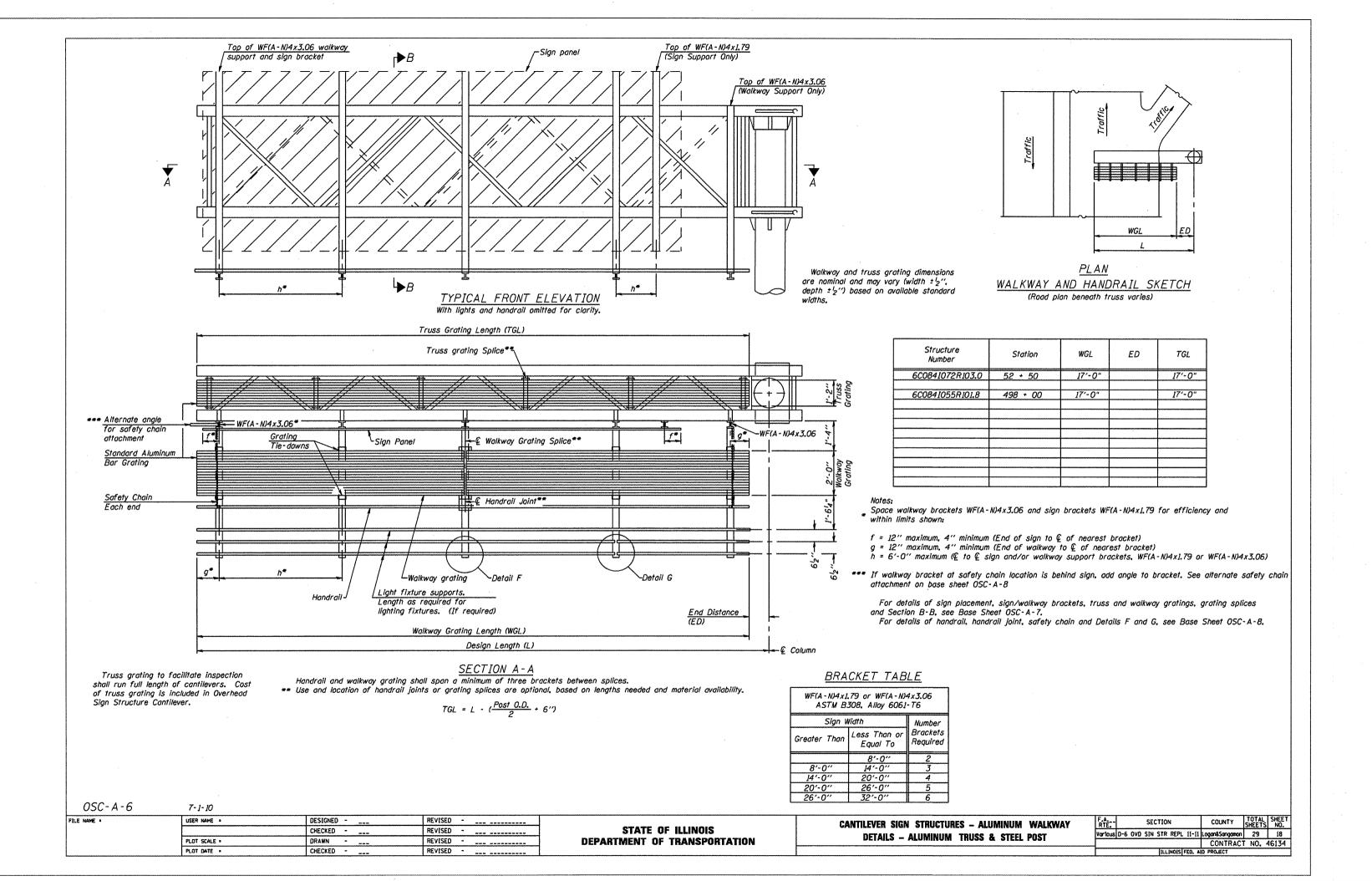
CANTILEVER SIGN	STRUCTURES -	GENERAL PL	AN & ELEVATION	F.A. RTÉ.
ALU	JMINUM TRUSS	& STEEL PO	DST	Various D-6 O

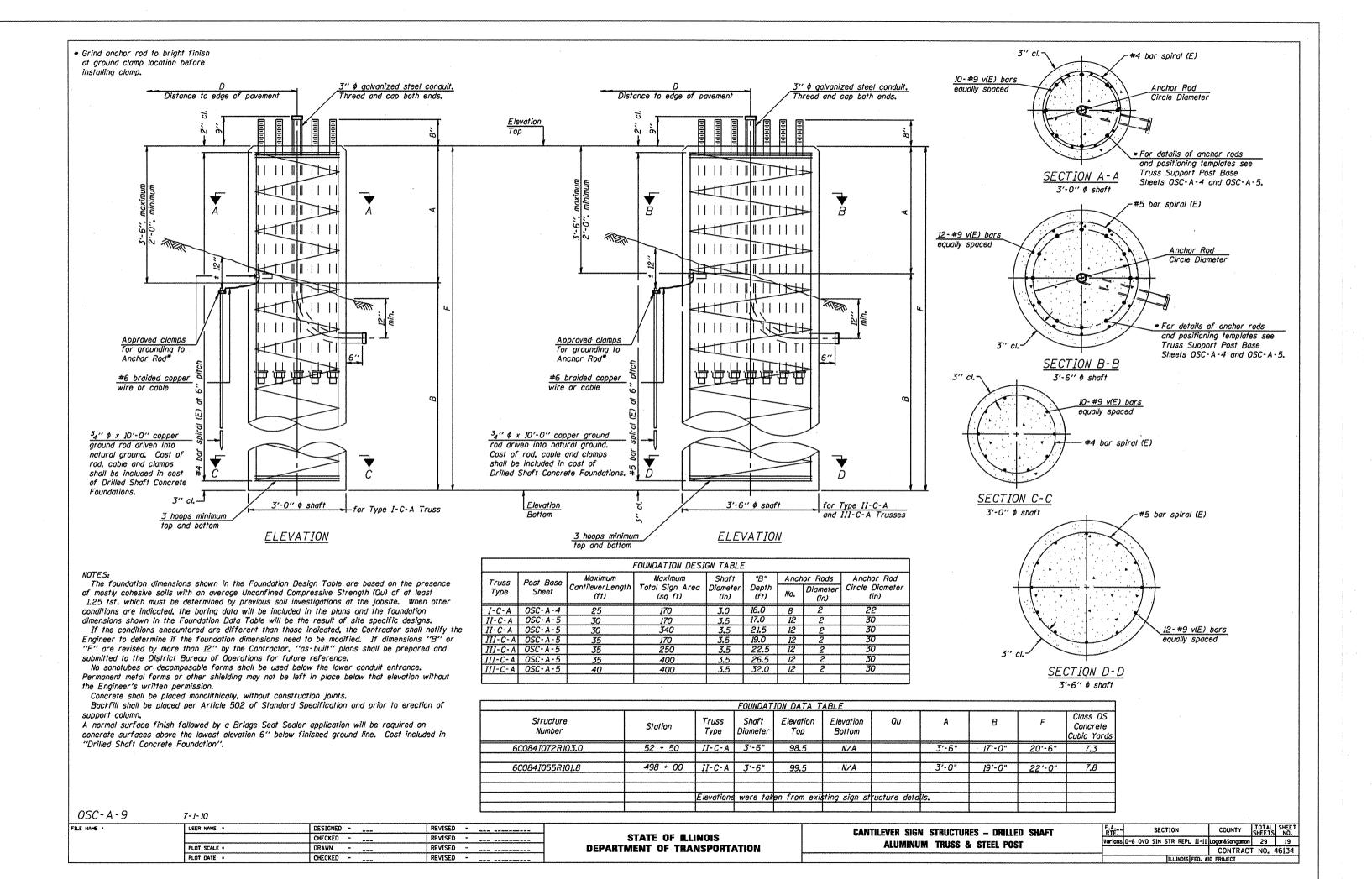
Α ΓΕ.	- SECTION						COUNTY	TOTAL SHEETS	SHEET NO.	
lous	0-6	OVD	SIN	STR	REPL	11-11	Logan&Sangamon	29	14	
	CONTRACT NO. 46134									
	ILLINOIS FED. AID PROJECT									

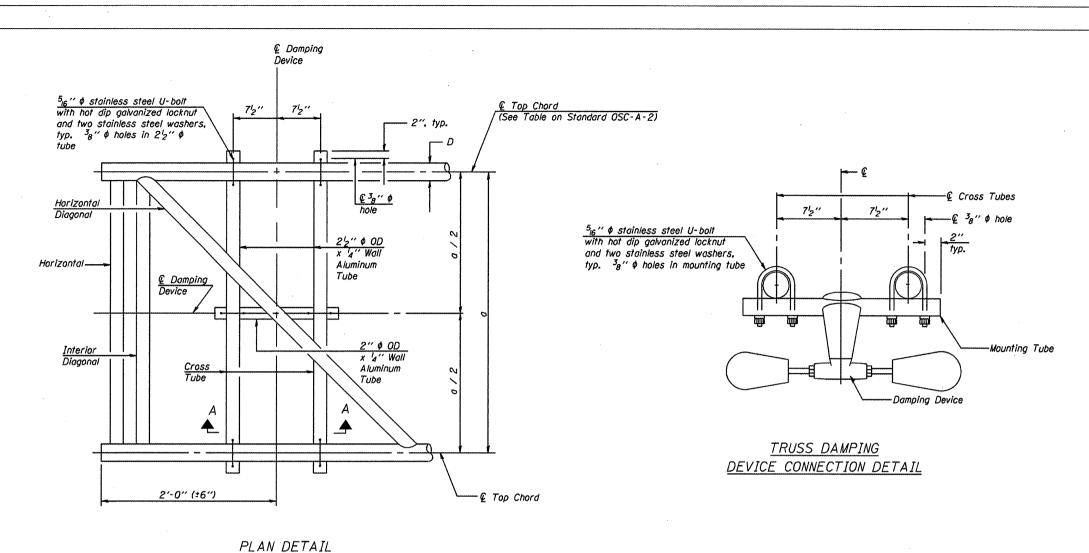


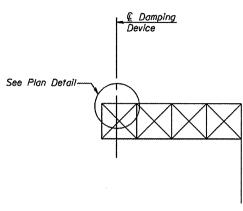












Aluminum Cantilever Sign Structure

ELEVATION

GENERAL NOTES

Damper:

One damper per truss. (31 lbs. Stockbridge-Type Aluminum-29" minimum between ends of weights)

Aluminum tubes shall be ASTM B221 alloy 6061 temper T6

€ Top Chord ⁵₁₆ " ♦ stainless steel U-bolt SECTION A-A

> DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL (Typical)

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

C	SC	- A	- D
FILE	NAME		

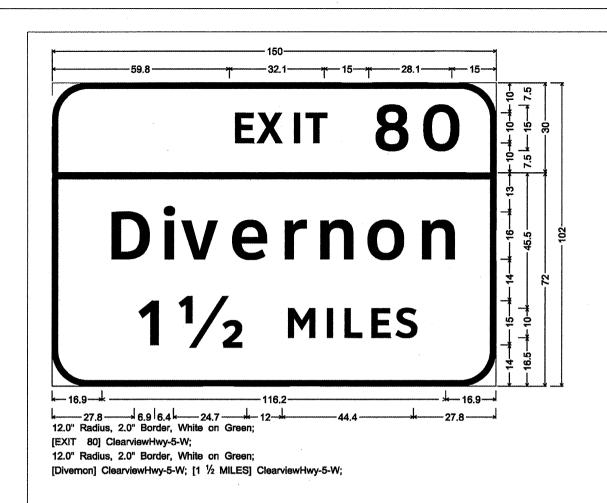
7-1-10

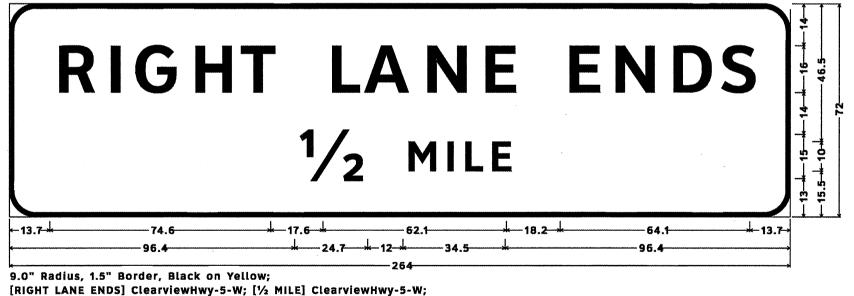
USER NAME =	DESIGNED	REVISED -
	CHECKED	REVISED -
PLOT SCALE =	DRAWN	REVISED -
PLOT DATE =	CHECKED	REVISED -

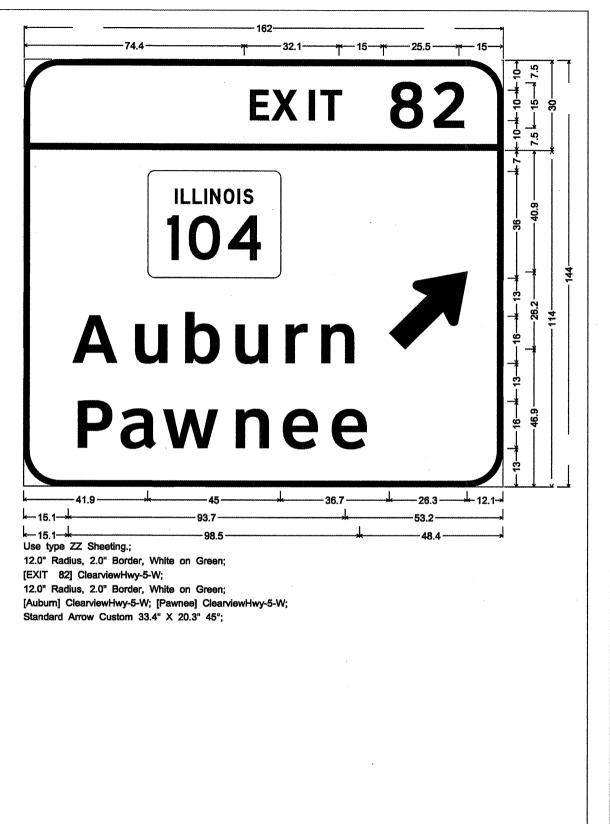
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURE	F.A.			SEC	TIO	4		co	UNTY
DAMPING DEVICE	Various	0-6	OVD	SIN	STR	REPL	11-11	Logans	Sangar
DAMFING DEVICE								CO	NTR
					ILL	INOIS	FED.	ID PRO	ECT

TY | TOTAL SHEET | NO. |
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.

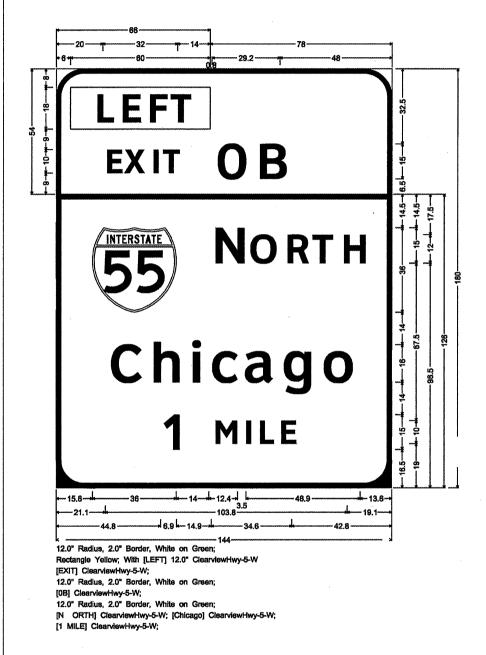




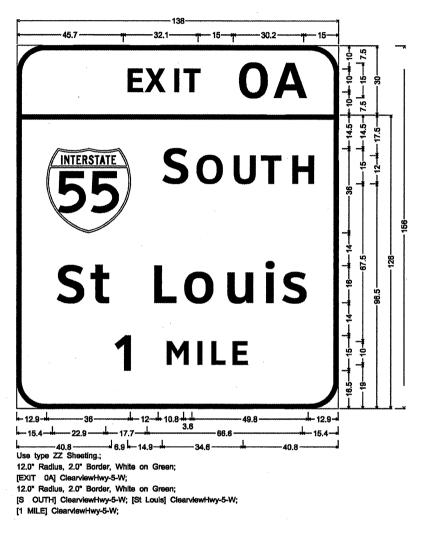


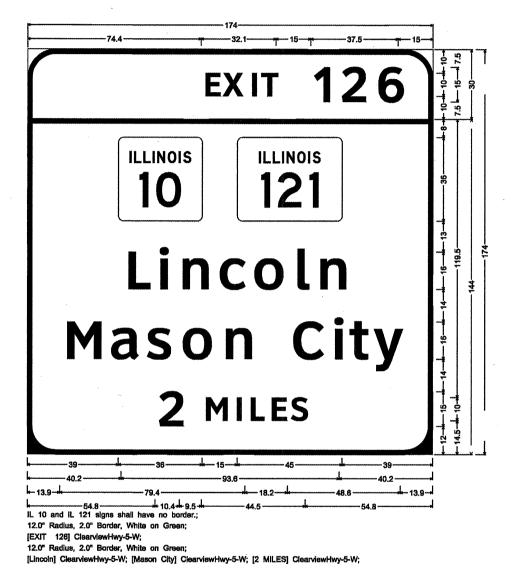
STRUCTURE # 6S084I055L082.1

FILE NAME *	USER NAME =	DESIGNED	REVISED -		F.A. SECTION COUNTY TOTAL SHEET
		CHECKED	REVISED -	STATE OF ILLINOIS	Various 0-6 OVD SIN STR REPL 11-11 Locant Saccompan 29 21
	PLOT SCALE .	DRAWN	REVISED -	DEPARTMENT OF TRANSPORTATION	CONTRACT NO. 46134
	PLOT DATE :	CHECKED	REVISED -		ILLINOIS FED. AID PROJECT



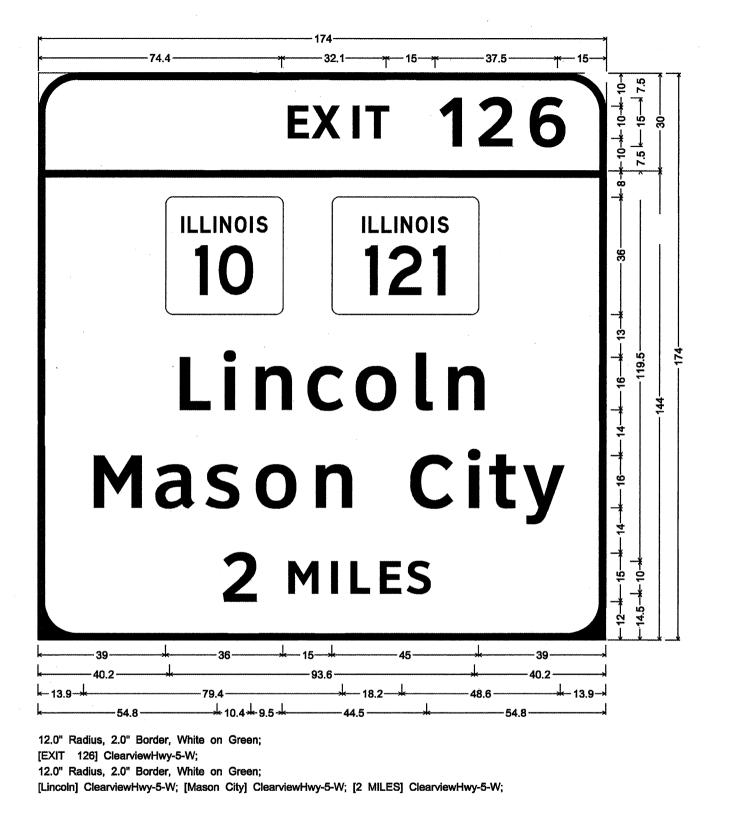
FILE NAME :

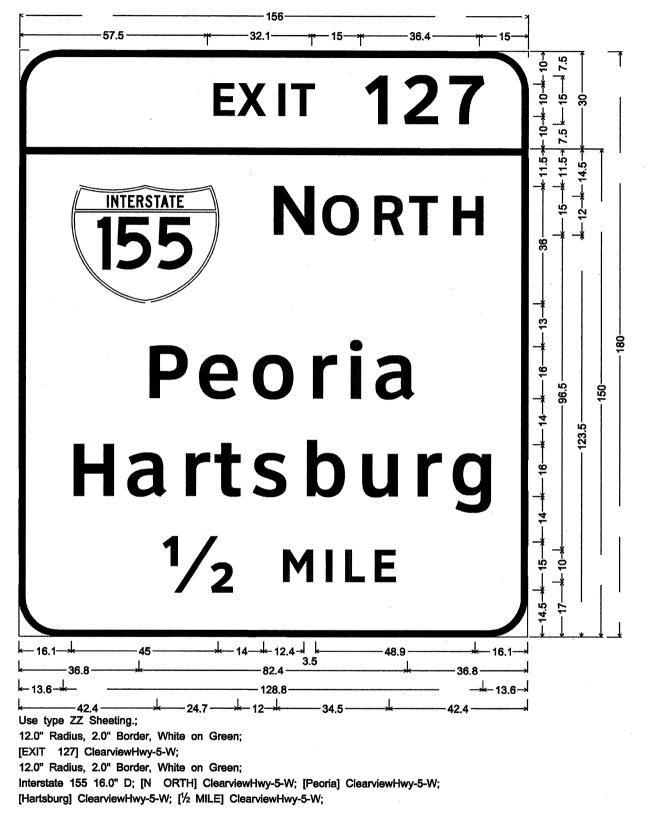




STRUCTURE # 6S 054I155L001.9

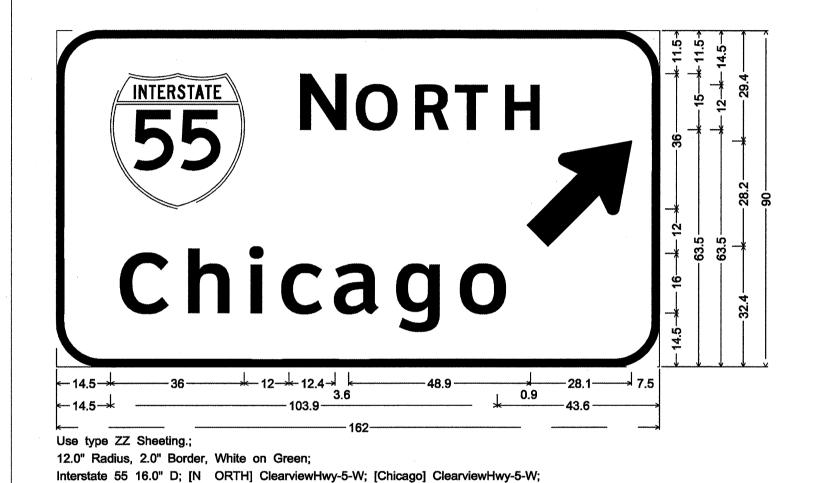
USER NAME =	DESIGNED	REVISED -		F.A. SECTION COUNTY TOTAL SHEET
	CHECKED	REVISED -	STATE OF ILLINOIS	Various D=6 OVD SIN STR REPL 11-11 Locant Sacramon 29 22
PLOT SCALE .	DRAWN	REVISED -	DEPARTMENT OF TRANSPORTATION	CONTRACT NO. 46134
PLOT DATE .	CHECKED	REVISED		ILLINOIS FED. AID PROJECT





STRUCTURE # 6S054I055L128.2

FILE NAME * DESIGNED - ... REVISED - ... REV



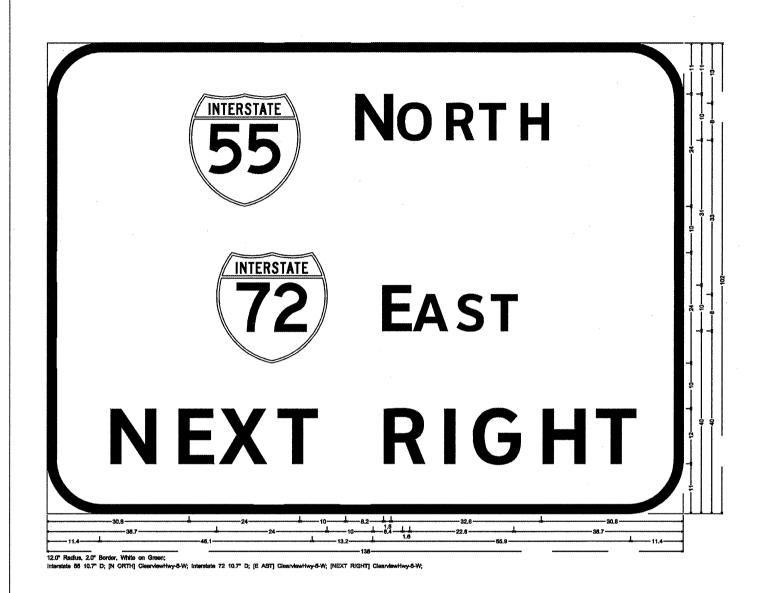


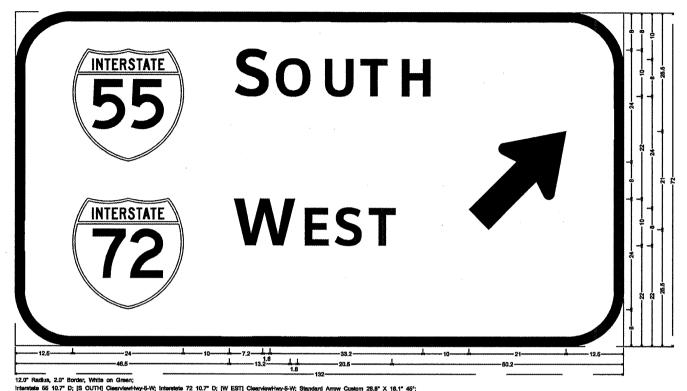
STRUCTURE # 6C084I072R103.0

Standard Arrow Custom 35.8" X 21.6" 45°;

STRUCTURE # 6C084I055R101.8

L						
FILE NAME *	USER NAME =	DESIGNED	REVISED -		F.A SECTION COUN	INTY TOTAL SHEET
		CHECKED	REVISED -	STATE OF ILLINOIS	Voctore Dec OVD SIN STR REPL 11-11 Localisa	29 24
	PLOT SCALE *	DRAWN	REVISED	DEPARTMENT OF TRANSPORTATION	CON	NTRACT NO. 46134
	PLOT DATE =	CHECKED	REVISED -		ILLINOIS FED. AID PROJEC	





STRUCTURE # 6S084S029L011.8

FILE NAME .	USER NAME =	DESIGNED	REVISED		F.A SECTION	COUNTY TOTAL SHEET
`		CHECKED	REVISED	STATE OF ILLINOIS	Various D-6 OVD SIN STR REPL 11-11	Logan&Sangamon 29 25
	PLOT SCALE *	DRAWN	REVISED -	DEPARTMENT OF TRANSPORTATION	ĺ	CONTRACT NO. 46134
	PLOT DATE :	CHECKED -	REVISED -		ILLINOIS FED. A	AID PROJECT

(48))	Illinois Department of Transportation
/(A)	of Transportation

SOIL BORING LOG

Page 1 of 1

Division of Highways District 6				Date	10/13/10
ROUTE FAI 55 DESCRIP D6 Overhead Sign				LOGGED BY	BJS
SECTION Replacement	LOCATION _	SEC. TWP	, RNG., PM		***************************************
COUNTY Sangamon DRIL	LING METHOD			HAMMER TYPE	
STRUCT. NO65084I055L094.7 Station	- E L P O	U M C O S I	Surface Water Elev. Stream Bed Elev.	ft t	
BORING NO. 6S084I055L094.7 Station 183+89 Offset 21.0ft RT	T W	Qu T	Groundwater Elev.:	accommence constant accommence of the state	
Ground Surface Elev. 565.61	_ft (ft) /6"	(tsf) (%)		# ***	
			entroper utilization de la constant		
			de de la constanta de la const		,
	,,,,,,,				
	4000		A A A A A A A A A A A A A A A A A A A		
	5		The control of the co		

			omenina Angelogo propins		
			Objektivil socionistis		
	-10				
	- Approximation				
			Activities and the second seco		
			Recognition of the Control of the Co		
			ndovorosanje mojovaje.		
	AMERICAN STATE OF THE STATE OF		anno anno anno anno anno anno anno anno		
	15		Min contractive co		
	-15		Annual control of the		
					•
					-

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 1

Date 6/21/04

Distr											6/2	
ROUTE1-15	<u>55</u> DES	CRIPTION	***************************************	**************	······································	I×15	5 SB Sign Truss	LOGGE	D BY		A. Meto	calf
SECTION		LOC	ATIO	N	W 1/2,	SEC.	15, TWP, 20 N, RNG, 3 W, 3 PM					
COUNTY Sa	ngamon	DRILLING	MET	HOD	***************************************		HSA HAMMER	TYPE		140	# Auto	
STRUCT. NO. Station BORING NO. Station Offset Ground Surface I	2 West Side		D E P T H (ft)	8 L O W S	U C S Gu (tsf)	M O I S T	Surface Water Elev. N/A Stream Bed Elev. N/A Groundwater Elev.: ☐ First Encounter No Encounter ☐ Upon Completion Dry ☐ After 96 Hrs. 569.8	ft ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T
V. Dark Brown Mo w/ Occasional Med SAND		Y .		1			SILTY CLAY (Till) (continued) Grey Moist SILTY CLAY (Till)			2 5 7	3.1 B	12
		•	-5	6	4.9 B	20	Brownish Grey Boring Completed		•25	9	4.2 8	10
Dark Grey and Bro SILTY CLAY V. Poor Recovery		*		2 3 3	4.0 P	19	Refer Elevation to top of SW Sign Truss Pier, Assumed Top = 100.0' B2 7' South, 8.5' East of SW Pier					
V. Poor Recovery		562.80	-10	0 1 2	0,5 P	25			-30		-	
Light Grey V. Mois w/ Roots	t SILTY CLAY	-		0 1 3	0.4 B	27						
SILTY CLAY (Tall) Grey Moist V. Wea CLAY (Tall) w/ 1/2" Peat	athered SILTY	n	-15	0 3	0,4 B	27			-35			
Grey Moist SILTY (CLAY (Till)	- -		0 2 3	1.6 B	20						
			**********	3 3	1,4 B	14			26000			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

FILE NAME .	USER NAME #	DESIGNED	REVISED -
		CHECKED	REVISED
	PLOT SCALE #	DRAWN	REVISED
ſ	PLOT DATE .	CHECKED -	PEVISED .

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

.A. ₹TE.			SEC	TIO	N .		COUNTY	TOTAL SHEETS	SHEET NO.
orlous	0-6	OVD	SIN	STR	REPL	11-11	Logan&Sangamon	29	26
	CONTRACT NO. 46134								
ILLINOIS FED. AID PROJECT									

(P)	Illinois Department of Transportation
	Division of Highways

V. Weathered

V. Weathered

SOIL BORING LOG

Page <u>1</u> of <u>1</u>

	Division of Highways District 6					Date <u>6/21/04</u>
ROUTE	-155 DES	SCRIPTION	I-155 SB Sign Truss		LOGGED BY	M. Metcalf
SECTION		LOCATION _	W 1/2, SEC, 15, TWP, 20 N, RN	G, 3 W, 3 PM		
COUNTY	Sangamon	DRILLING METHOD	HSA	HAMMER	TYPE	140 # Auto
		Commence			T 1	

COUNTY Sangamon DRILLING) ME	מטח	***********	***************************************	NAMMER ITPE		140	# MUTO	
### STRUCT. NO. 6S054I155L001.9 Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev. N/A ft Stream Bed Elev. N/A ft Groundwater Elev.: ☐ First Encounter No Encounter ft ☐ Upon Completion Dry ft	D E P T H	8 L O W S	U C S	M O I S T
Ground Surface Elev. <u>ft 571.4</u> ft	(ft)	<i>1</i> 6"	(tsf)	(%)	Y After <u>96</u> Hrs. <u>567.4</u> ft	(ft)	/6"	(tsf)	(%)
Dark Brown Moist SILTY CLAY (Fill)					Grey Moist SILTY CLAY (Till) (continued)		0	3.3	12
	******				rijeveje ration		6	8	-
		3	2.1	26		_	1	5.0	11
¥		ي 4	B B	20			9	Э,Ų	1.1
566.90 Light Greyish Brown V. Moist SILT	Park Herman		-	e eliabela intercicio a ese	546.90 Boring Completed	: Valvaionin			
	5					-25			
	societos	1			Refer Elevation to Sign Truss NE	10(1)(1) 710			
	*1000000000	1	0.4	24	Pier. Assumed top of Pier = 100.0'	Name and Associated Street, St			
	****	2	B		B1 4.5' North, 8.5' West of NE				
	******				Pier				
		_			-				ĺ
Light Reddish Brown	*****	0 2	0.6	25					İ
Light Keadish Shawn		2	8	43					İ
	-10		-			-30			
	10								į
	******	0			-	\neg			
	***************************************	1	1.6	23	remaining the second se				ĺ
		2	B]			
									i.
		٥			·				
Grey		2	1,3	23	representation of the control of the				ĺ
556.90		2	В	-	de la constant de la		,		İ
Grey Moist SILTY CLAY (Till)	 15	- PARAMANANANANANANANANANANANANANANANANANAN	**************************************			-35			ĺ

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Buige, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T205) BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

						Date 10-12-2010		
ROUTE FAI 55 DESCRIPTION Overhead Sign Structure					LOGGED BY BJS			
SECTION D6 Overhead Sign Repl	_ LC	CAT	TION	NB I-	55 Re	st Area Entrance Ramp at Mile 102±		
COUNTY Sangamon	STRI	UCT	JRE	NO. £	3C084	1055R101.8 (Exist) (Prop.)		
BORING NO. 6C084I055R101.8	DRIL	LINC	3 ME	THOE	HS/			
Station 498+00 Offset 34 ft RT of EOP Ground Surface Elev. 574.32 (ft.)	E LEV	D E P T H	B L O W S	C S	M O I S T	Surface Water Elev.		
SOIL DESCRIPTION	(ft.)	(ft.)	/6"	(tsf)	(%)	SOIL DESCRIPTION (ft.) (ft.) /6" (tsf) (%)		
Topsoil (2*)						Mottled Brown, with Sand and Water Pockets, Trace Gravel 17.5 1		
Yellow Brown, Moist, Clay, Silty, Sandy						2 0.86 3 B 26.6		
Light Gray, Sandy		2.5		***************************************				
57	0.82			***************************************		Gray mottled Yellow Brown, Wet, Sandy, Silty Seams		
Yellow Brown, Wet, Fine to Coarse Sand, Clayey, with Gravel	0.02		3			Last 6" Sandy Clay, Trace Gravel 0 0.55 1 B 23.1		
	9.32	5	2		16.1	552.32		
Light Brown, Wet, Silty Loam, with Sand			1			Light Gray mottled Yellow Brown, 225 4		
Fine Sand in Top 3*			1 0	0.22 B	36.4	Moist, Sandy Loam, Silty, Trace Gravel 7 3.5 9 13.0		
<u> </u>	7.32					production of contract and cont		
Light Gray mottled Light Brown, Moist, Silt, Trace Sand		7.5	1	0.0		549.82		
	•		1	0.0 P	33.9	Yellow Brown, Wet to Moist, Sand Grading to Silt Grading to Sandy Loam, 19 4 5+		
	4.82					Silty Grading to Sandy, Seam of Gravel above Sandy Loam 19 4.5+ 17.3		
Gray, Moist, Silty Loam, Trace Sand	4.02	10	0			547.32		
			1	0.47 B	28.9	Light Gray mottled Yellow Brown, Moist, Sandy Clay Loam, with Gravel 27.5 8 13 4.5+		
58	2.32					545.82 23 P 9.7		
Gray, Wet, Clay, Silty, with Sand,		12.5	1			End of Boring @ 28.5 Ft.		
Seams of Clay Loam, Very Soft Seam			0 2	0.63 B	29.9	30		
- Action of Particular Control of Particular			70					
Greenish Gray, Moist, Trace Sand, with Very Thin Sand Seam		15	1.					
74.7 11111 00110 000111			2 4	1.98 B	25.0	32.5		
			-					
L	i			L	J	<u> </u>		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The Standard Penetration Test (SPT) N Value is per (AASHTO T206)

B9\$ 137 (9/05)

FILE NAME #	USER NAME 8	DESIGNED	REVISED		F.A. SECTION	COUNTY TOTAL SHEET NO.
		CHECKED	REVISED -	STATE OF ILLINOIS	Various D-6 OVD SIN STR REPL 11-11 to	occast Sancamon 29 27
	PLOT SCALE .	DRAWN	REVISED -	DEPARTMENT OF TRANSPORTATION	10.00010 0 010 310 310 1012 11 11 11	CONTRACT NO. 46134
	PLOT DATE *	CHECKED	REVISED		ILLINOIS FED. AID	

(W)	linois Department of Transportation
-----	--

SOIL BORING LOG

Page 1 of 1

Date 10-15-2010

								L)	are i	U-10-2	UIU
ROUTE FAI 72 DESCRIPTION	Over	head	Sign	Structi	ur e .	LOGGED	BY BJ:	\$.	***************************************		·····
SECTION D6 Overhead Sign Repl	LC	CA.	TION	At Be	ginnin	g of Ramp Canying EB Clearlake Ave	to NB I	-55			
COUNTY Sangamon	STR	UCT	URE	NO. £	3C084	1072R103.0 (Exist) (Prop.)				
BORING NO. 6C084I072R103.0	DRIL	LING	3 МЕ	THOD	HSA	HAMMER TYPE	≣ <u>140 lt</u>	Auto	omatic		
Station 52+44 Offset 10 ft RT of EOP Ground Surface Elev. 586.76 (ft.)	E L E	D E P T H	O W	Ou Qu	M 0 - S T	Surface Water Elev.	-	D E P T H	B L O ¥ S	U C S Qu	M O I S T
SOIL DESCRIPTION	(ft.)	(ft.)	/6°	(tsf)	(%)			(ft.)		(tsf)	(%)
Gravel (2")						Yellow Brown, with Sandy Seams		17.5	1		
Fill: Gray and Yellow Brown, Moist, Silty Clay, with Sand and Gravel				**************************************	***************************************			11.2	3 4	1.76 B	17.5
		2.5					567.26			et di ciù mar meno reprindente	***************************************
Fill: Yellow Brown mottled Gray, with			•		4.4	Yellow Brown, Moist Grading to Dry, Silty Loam, with Sand Grading more Sandy with Depth		20	3 7		15.6
Seam of Clay, Silty	-		3	2.48 B	21.9	The state of the s			12		,,,,
Fill: Yellow Brown mottled Gray and	81.76	5	4 3	B	ļ —	Seams of Yellow Brown and Reddisi	<u>564.76</u>	CONTRACTOR OF THE PARTY OF THE			
Light Gray, Moist, Clay, Silty, Grading to Silty Clay to Silty Loam			4 5	2.39 B	22.6	Brown, Dry. Silty Loam, Silty Sand.		22.5	17 16		14.1
5	79.76		J	-					20		
Fill: Yellow Brown, Moist, Fine Sand, Silty, Trace Gravel	111.1	7.5					562.26	<u> </u>			
Sity, Have Gaves			4 5		13.9	Light Brown/Yellow Brown mottled Brown, Dry, Silty Loam, Sandy		25	8 33		
5	77.26	-							100/5		13.3
Fill: Gray and Yellow Brown, Dry and Moist, Fine Gravel, Silty over Silty Cla		10	·			Westernoonsearch					
Trace Brick	7 *		9		10.2		559.26	27.5	100/5		8.4
			<u> </u>			End of Boring @ 27.5 Ft.					0.7
Fill: Reddish Brown, Moist, Wood, with	<u>74.76</u> I	12.5	1	Processor and Association of the State of th	Activities to the control of the con						
Silty Clay		- 7	1		58.6	Y		30		-	
	ማጣ ቊሎ		-			-		<u> </u>			
Reddish Brown, Moist, Silty Clay Loan Trace Sand	7 <u>2.26</u> 1,	15	2								
пасе запи			2 4	1.08 B	21.2	**************************************		32.5			
						- Principal Prin					
4		,	6.	1	ł.	3		t	5		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The Standard Penetration Test (SPT) N Value is per (AASHTO T206)

BBS 137 (9/05.)

(P)	Illinois of Trai	Departr nsportat	nent
	of Trai	nsportat	ION

SOIL BORING LOG

Page 1 of 1

Date 10-11-2010

ROUTE FAI 55 DESCRIPTION Overhead Sign Structure LOG						LOGGED BY BJS	3			
SECTION D6 Overhead Sign Repl	LO	CATI	ON	SB I-	55 At 1	Exit 82 (IL 104)				MANAGE MENTANGEN AND AND AND AND AND AND AND AND AND AN
COUNTY Sangamon STRUCTURE NO. 650841055L082.1 (Exist) (Prop.)										
BORING NO. 650841055L082.1	DRILL	.ING	ME	THOD	HSA	HAMMER TYPE 140 Ib	Auto	matic		~~**
Station 494+65 Offset 37 ft RT of EOP Ground Surface Elev. 597.93 (ft.)	E	Р	BLOWS	D wo	M 0 1 S T	Surface Water Elev.	D E P T H	B L O W S	U C S	M O S T
SOIL DESCRIPTION	(ft.)	(ft.) .	/6"	(tsf)	(%)	SOIL DESCRIPTION (#)	(ft.)	/6"	(tsf)	(%)
Topsoil (2*) Yellow Brown, Moist, Silty Clay, Trace	_						14			
Sand						Mottled Light Gray, Trace Gravel		11		escando a respectado a descripcio de Assa
	_	2						24 32	17.35 +	9.6
	-						16	JE		
Light Gray mottled Yellow Brown,	4.43		2			Yellow Brown mottled Light Gray,		6		
Moist, Clay, with Sand and Thin Clayey Sand Seam			3	1.89		Trace Gravel, with 1" Sand Seam	18	19	12.21	W-4004000000000
Sangha Teaga Ceanal City			3	B	20.3		16	20	+	10.8
Sandy, Trace Gravel, Silty	p		2							
	-	6	3	1.48 B	25.1	578.43 Yellow Brown mottled Light Brown, Moist, Clay Loam, Trace Gravel	20	8		
Yellow Brown, Sandy, Silty	-		1		and and an artificial and	Moist, Clay Loant, Hace Glaver		16	7.22 +	10.7
	-	6	2	1.39	20.7			22		
			3	8	 	Mottled Greenish Brown, Trace Gravel,	22	12		
	B.43					with Very Thin Sand Seam		15	4,5+	13.0
Yellow Brown, Dry, Clay Loam, Trace Gravel	-	14	10			574.43		26	Р	
	-		30 46	4.5+ P	8.3	End of Boring @ 23.5 Ft.	24			
	5,93	12								
Yellow Brown mottled Brown, Dry, Loam, Trace Gravel	-		14				26			
			27 28	4.5+ P	8.7					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The Standard Penetration Test (SPT) N Value is per (AASHTO T206)

B9S 137 (9/05)

FILE NAME .	USER NAME =	DESIGNED	REVISED -		F.A. SECTION COUNTY SHEETS NO.
		CHECKED	REVISED -	STATE OF ILLINOIS	Various D-6 GVD SIN STR REPL 11-11 Logan&Sanganon 29 28
	PLOT SCALE *	DRAWN	REVISED -	DEPARTMENT OF TRANSPORTATION	CONTRACT NO. 46134
	PLOT DATE .	CHECKED	REVISED -	·	ILLINOIS FED. AID PROJECT

(W)	Ilinois	Depart	ment
	of Tran	sporta	tion

SOIL BORING LOG

Page <u>1</u> of <u>1</u>

O iransportation		Date 10	1-13-2010
ROUTE IL 29 DESCRIPTION	Overhead Sign Structure LOGGED BY		
SECTION D6 Overhead Sign Repl	LOCATION At Beginning of Ramp Carrying SB IL 29 (South Gran	d Ave.) to SB I-5	5
COUNTY Sangamon	STRUCTURE NO. 650845029L011.8 (Exist) (Pro	p.)	
BORING NO. 6S084S029L011.8	DRILLING METHOD HSA HAMMER TYPE 1	40 lb Automatic	
Station 27+00 Offset 42.5 ft RT of EOP Ground Surface Elev. 585.15 (ft.)	E D B U M Surface Water Elev. n/a (ft.) L E L C O Groundwater Elev. dry (ft.) E P O S I First Encounter dry (ft.) V T W S Upon Completion dry (ft.) After 30 Hrs. 583.15 (ft.)	L E P O	U M C O S I S Qu T
SOIL DESCRIPTION	(ft.) (ft.) /6" (tsf) (%) SOIL DESCRIPTION	(ft.) (ft.) /6"	(tsf) (%)
Topsoil (6") Brown, Moist, Silty Clay	With Seam of Clay, Silty Dry at Bottom of Spoon	14 . 2	
	2		2.69 20.3
		16 13	
Yellow Brown mottled Light Gray, Moist, Silty Clay,	Light Brown, Dry, Silty Clay Loam	8.15	denda gottophe se and ser general ser
Most, Jity Jay,	3 1.0 26.2	18 34 67	13.4
Light Gray mottled Yellow Brown	2		
	6 3 1.29 569 3 B 24.6 Light Brown, Dry, Silty Loam over Light Gray, Dry, Silty Loam, (Shaly)	5.65 20 31	
Trace Sand	1 End of Boring @ 20.5 Ft.	4.65 50/6*	10.6
	8 3 1.83 23.6	22	encentral and a contract contr
Trace Sand	10 2		ener energia de completa de completa de completa de completa de completa de completa de completa de completa d
	3 1.98 24.6 B 24.6	24	recipionate de la constitución d
Yellow Brown mottled Light Gray, with Seams of Clay and Silty Clay Loam,		26	andersjohn Trombiensche transposition des gestallt der die Gründe des
Very Soft 6" Seam	2 1.03 26.6		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer). The Standard Penetration Test (SPT) N Value is per (AASHTO T206)

BBS 137 (9/05)

FILE NAME :	USER NAME =	DESIGNED	REVISED		F-A- SECTION COUNTY TOTAL SHEET
		CHECKED	REVISED	STATE OF ILLINOIS	Various D-6 OVD SIN STR REPL 11-11 Logant Sangaron 29 29
	PLOT SCALE .	DRAWN	REVISED	DEPARTMENT OF TRANSPORTATION	CONTRACT NO. 46134
	PLOT DATE #	CHECKED	REVISED -		ILLINOIS FED. AID PROJECT