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<image/>		H. WIND VELOCITY	LOADING: 90 M.P.H. WIND VELOCITY		6'-0"	17'-0''	. 703.7		and the second se	132+15							
<image/> Image: Control of the co		: Dead load plus 500 lbs, concentrated live load.	WALKWAY LOADING: Dead load plus 500	111.0	6'-0"	16'-6"	702.9	35'-0'	111-C-A	128+00	06850161.000.87						
<image/> <complex-block>Nhei be<br< th=""><th></th><th>\$</th><th></th><th>170.5</th><th>11'-0''</th><th>14'-0"</th><th>629.2</th><th>30'-0'</th><th>11-C-A</th><th>703+85</th><th>C0541055R132.2</th><th>Truss</th><th>Chord 1</th><th>Lower</th><th><b>L</b></th><th></th><th></th></br<></complex-block>		\$		170.5	11'-0''	14'-0"	629.2	30'-0'	11-C-A	703+85	C0541055R132.2	Truss	Chord 1	Lower	<b>L</b>		
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<image/> <section-header>Note of from our get requires and the out of the ou</section-header>	eel and Aluminum)	rrent AWS DI.I and DI.2 Structural Welding Codes (Steel	accordance with current AWS D1.1 and D1.2					<u> </u>									
$ \int \int$	ed for A53, then the equal to A53, O Gr. 36, Gr. 50 or be ASTM A240, Typ able to the Engineer. hall bave a minimum	a) or A500 Grade B or C. If A500 pipe is substituted all be as detailed and wall thickness greater than or equilability of the state	ASTM A53 Grade B or A500 Grade B or C outside diameter shall be as detailed and w All Structural Steel Plates and Shapes si Gr. 50W <sup>®</sup> . Stainless steel for shims, sleev 302 or 304, or another alloy suitable for a The steel pipe and stiffening ribs at the			<i>t.</i> 1.	25 30 i	Ft. Ft.	170 Sq. 340 Sq.	1+C+A 11-C-A				Planes of Front and Back		S	
<ul> <li>The other intervent of point of minum controls of point of minum control of point of minum controls of point minum controls of point of minum controls of point of minum c</li></ul>	nd must have matching (sty the requirements) vave matching lock nu aguirements of ASTM 0 M232. The lock nu ving to ASTM A240 nuts where threaded 505.04 (t) (2) of th	ASHTO MI64 (ASTM A325), or opproved alternate, and the d studs for splices (if Members Interfere) must satisfy A A93, Grade B7, or opproved alternate, and must have not required to be high strength must satisfy the required ind lock nuts must be hot dip galvanized per AASHTO M. steel inserts. A stainless steel flat washer conforming is required under both head and nut or under both nut gh strength both installation shall conform to Article 502 confections for Road and Bridge Construction. Rotationa	requirements of AASHTO MIG4 (ASTM A32 lock nuts. Threaded studs for splices (if ASTM A449, ASTM A193, Grade B7, or oj Bolis and lock nuts not required to be high A307. All bolts and lock nuts must be high must have nyion or steel inserts. A staink Type 302 or 304, is required under both studs are used. High strength bolt instolla IDDT Standard Specifications for Road and	lpper Chord	<sup>€ (</sup>	30°-0" Nox.		lreo	um Sign Ai ae Table)	Moxim (S	120,,			Walkway, railing and lights (if required) omitted for clarity		Lowest part of structure annual	
TYPICAL ELEVATION Looking In Direction of Traffic       Note:       Contract of the structure.       Contract of subject to damaging with a contract subject to damaging with the structure.       Sign support structure, to avoid these vibrations and cost with the structure.       Sign support structure.       Note:       Trusses shall be shipped individually with a deguate provision for period diring transport, This may require rapse believen horizontais and digonais or energy dissipating (edistic). The cantractor is responsible for maintaining the configuration and pratection of the structure.       FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Founde accordance with the Standard Specifications.         (I)       After adjustments to level truss and insure adequate vertical the base plate with a base plate with a shall be the period of the perimeter of the structure.       If w270 Gr. 50W (W222) steel is proposed, chemistry for plate to base plate with stahlass steel banding.       If w270 Gr. 50W (W222) steel is proposed, chemistry for plate to base plate with stahlass for Structure Cantilever Type I-C-A OVERNEAD SIGN	n equivalent material lock nuts equivalent ASHTO M232. A	316L, Condition A, cold finished stainless steel, or an en ngineer. All nuts for U-Balts and Eyebolts must be loc nylon or steel inserts and hot dip galvanized per AASt washer conforming to ASTM A240, Type 302 or 304, I	304, 304L, 316 or 316L, Condition A, cold acceptable to the Engineer. All nuts for U to ASTM A307 with nyion or steel inserts a stalniess steel flat washer conforming to A				Anna Ma						AUL	Edge of			
TYPICAL ELEVATION Dooking in Direction of Traffic       Note:       Contract of the structures may be subject to damaging vibrations and oscillations when sign panels are not in place during relation or maintenance of the structure. To avoid these vibrations and oscillations, consideration shauld be given to attaching temporary blank sign panels to the structure.       Note:       Trussees shall be shipped Individually with adequate provision to prevent defrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elasistic). The contractor is responsible for maintaining the configuration and protection of the structure.       FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Founde relations between horizontals and insure adequate verificat clearance, all top and leveling nuts shall be thybered against the base plate with a shall be there are additioned solution for ghavanizing and weiding.       FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Founde relations to a shall de all price in the shaft of the shaft drilling of sign structure location of the trusses.         If M270 Gr. SDW M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for gavanizing and weiding.       If M270 Gr. SDW M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for gavanizing and weiding.       Inter OVERNEAD SIGN STRUCTURE CANTLEVER TYPE I-C-A OVERNEAD SIGN STRUCTURE CANTLEVER TYPE I-C-A OVERNEAD SIGN STRUCTURE CANTLEVER TYPE I-C-A	Dip Galvanized after					 RAM	VG DIA	OADI	WIND L	DESIGN					<u> </u>	<u>}</u>	
TYPICAL ELEVATION Looking in Direction of Traffic       Note:       Contract of the structure.       Contract of structure.       Contract of structure.       Sign support structure are not in place during reactions and socializations when sign ponels to ansain a scillations, consideration should be given to ditaching temporary blank sign ponels to the structure.       Note:       Trusses should be shipped individually with a deguate provision for powent derimental motion during transport, This may require ropes believen horizontalis and digonais or energy dissipating (edistic) lies to the whole.       RetinforCREMENT BARS: Reinforcement Bars designated (E) should be accordance with the Standard Specifications.         (I)       After adjustments to level truss and insure adequate vertical clearance, all top and leveling ruls shall be typhened against the base plate with a shall shall be promeder of the structure.       If W270 Gr. SDW (W222) steel is proposed, chemistry for plate to base plate with stainless steel banding.       If W270 Gr. SDW (W222) steel is proposed, chemistry for plate to base plate with a stainless of Structure Cantilever Type 1-C-A OVERNEAD SIGN STRUCTURE CANTILEVER TYPE 1-C-A		all conform to ASTM F1554 Gr. 105.	ANCHOR RODS: Shall conform to ASTM F			Standards	or 1,D.O.T.	e basis i	shown are	Parameters		ATTEN D		าโทนต	levation at point of	Elev. A = E	
Sign support structures may be subject to damaging vibrations and oscillations when sign panels are not in place during reaction or maintenance of the structure. To avoid these vibrations and ascillations, consideration should be given to attaching temporary blank sign panels to the structure. Trussees shall be shipped individually with adequate provision to prevent detrimental molion during transport. This may require ropes between harizontals and diagonals or energy dissipating (elastic) thes to the vehicle. The contractor is responsible for maintalning the configuration and protection of the trusses. After adjustments to level truss and insure adequate vertical clear andure, all top and leveling nuts shall be tightened against 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 gaivanizing and weiding. If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for gaivanizing and weiding.		foundation shall be cleaned and coated with Bridge Sea	ground line at each foundation shall be clea									C	•		) sign, walkway supp	clearance to	
Sign support structures may be subject to damaging vibrations and oscillations, when sign panels are not in piace during erealitions, and ascillations, consideration should be given to ditaching temporary blank sign panels to the structure.       Trusses shall be shipped individually with adequade provision to prevent defrimental mating mansport. This may require raps between horizontals and diagonals or energy dissipating (alastic) ties to the vehicle. The contractor is responsible for maintaining the configuration and protection of the trusses.       FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Foundation of the trusses.         (1) After adjustments to level truss and insure adequate vertical the base plate with a dequade vertical the base plate with a diminum traque of 200 (b,-ft, Stainless steel banding,       TOTAL BILL OF MATERIAL         (2) If W270 Gr, 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for gravinzing and welding.       If W270 Gr, 50W (M222) steel is proposed, chemistry for plate for gravinzing and welding.       Total BILL OF MATERIAL         (2) WZRMEAD SIGN STRUCTURE CANTILEVER TYPE II-C-A       If W270 Gr, 50W (W222) steel is proposed, chemistry for plate for gravinzing and welding.       If we regime as suitable for gravinzing and welding.       Total BILL OF ANTERIAL	ioxy coated in	ARS: Reinforcement Bars designated (E) shall be epox	REINFORCEMENT BARS: Reinforcement B							45-4-			affic	Looking in Direction of Tr			
consideration should be given to attaching temporary blank sign panels to the structure.       dissipating (elast(c) ties to the vehicle. The contractor is responsible for maintaining the configuration and protection of the trusses.       contractor is responsible for maintaining the configuration and protection of the trusses.       contractor is responsible for maintaining the configuration and protection of the trusses.       contractor is responsible for maintaining the configuration and protection of the trusses.       contractor is responsible for maintaining the configuration and protection of the trusses.       contractor may encounter hard drilling of sign structure location         (1)       After adjustments to level truss and insure adequate vertical clearance, all top and leveling nuts shall be tightened against the base plate. Secure to base plate with stainless stel banding.       TOTAL BILL OF MATERIAL         If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for gaivanizing and weiding.       DVERHEAD SIGN STRUCTURE CANTILEVER TYPE 1-C-A OVERHEAD SIGN STRUCTURE CANTILEVER TYPE 11-C-A	dations shall include	a contract unit price for Drilled Shaft Concrete Foundat	FOUNDATIONS: The contract unit price for		This moy	ransport.	on during	ental moti	nt detrime	Truss to preve			erection or	nels are not in place during	scillations when sign	05	
<ul> <li>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 lbf1. Stainless steel mesh shall then be placed around the perimeter of the base blate with stainless steel banding.</li> <li>If M270 Gr. 50W (M222) steel is porposed, chemistry for plate to be used shall first be approved by the Engineer as sultable for galvanizing and welding.</li> </ul>		unter hard drilling of sign structure location	contractor may encounter hard drilling of s						ible for mo	respons					onsideration should b	co	
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.     OVERHEAD SIGN STRUCTURE CANTILEVER TYPE II-C-A OVERHEAD SIGN STRUCTURE CANTILEVER TYPE II-C-A		TOTAL BUL OF MATERIAL	TOTAL DUL	nst nless he	ened agail -ft, Stal neter of t	nall be tight of 200 lb nd the perio	ling nuts s mum torque laced aroui	and level In a minii hen be p	djustments e, all top plate will sh shall th	After and clearand the basis steel me							
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DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	RETE FOUNDATIONS	DRILLED SHAFT CONCRETE FOUNDATIONS												1-20-11	OSC-A-1	
CANTILEVER SIGN STRUCTURES - GENERAL PLAN & ELEVATION F.A. SECTION	COUNTY TOT	AL PLAN & ELEVATION	STRUCTURES - GENERAL PLAN & ELEVATION	CANTILEVER SIG		1						and the second					
			JMINUM TRUSS & STEEL POST	A			TATION				DEP						