

Looking upstation for structures with signs both sides.

## SIGN STRUCTURE DATA TABLE

					Actual	Left Foundation					-	Right Foundation			
Structure Number	Station	€ to € Poles	Elevation A	Dimension D	Actual Sign/Signal Area	Elevation Top	Elev. Bottom	A	В	F	Elevation Top	Elev. Bottom	A	В	F
1M016L000R000.0	5+47.40	67'-2"	617.00	8'-7"	30 sf .	<i>61</i> 9.75					619.75				

		NUMBER	REVISION	DATE
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DESIGNED	NDR			
			······································	
CHECKED	DSE			
DRAWN	RTT			
CHECKED	DSE	-		
DATE	JAN 16,2009			

<u>BILL OF MATERIAL</u>	
ITEM	UNIT
OVERHEAD SIGN STRUCTURE SPAN, MONOTUBE	Foot

TOTAL 67

15950\02-1 -JAN-2009

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at time of letting) AASHTO Standard Specifications for Structural Supports         Luminaires and Traffic Signals.         urited (at time of letting) tilinals Department of Transportation Standard Specifications," All references to "Mast Arm Assembly coble, unless otherwise noted.         's to be confinuous unless otherwise shown. All welding to be done in renri AWS DLI Structural Welding Code and the Standard Specifications.         value et Charpy V-notch (CVN) energy of 15 lb-f1 at 40° F. No welding or renri AWS DLI Structural Welding Code and the Standard Specifications.         value et Charpy V-notch (CVN) energy of 15 lb-f1 at 10° F. No welding of steel heavy hex conforming to ASTM AL35, Grade Bid or BBM. Class 1, oduced from ASTM AZ76 Type 304, 3041, 316 or 3161, Condition A, equivalent material acceptable to the Engineer. Nuts for stainlass steel ess steel conforming to ASTM AL94, Grade B (AISI Type 304) or Crade steel boilts shall be stainless steel conforming to ASTM A240, Type         AN nuts shall be "technist" with nyiny on steel inserts and semifihished ubulant to the finished heavy hex series of the American National Standard.         ARS: Reinforcement Bars designated (E) shall be epoxy coated in a Standard Specifications.         ASHTO camber = L / 1000 + dead load camber.         a Structure Plans for foundation support and payment of anchor rods.         \support         Class SI Concrete (Cu, Yds.)         Under Weigne base to R. Noteque Web Statester.         Bitter Weigne base to R. Noteque Web Statester.         Wold Class SI Concrete (Cu, Yds.)         Web State Stateste		★ 21228	}				
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Text and Bridge Construction. Supplementel Specifications and Recurring ("Standard Specifications). All references to "Mast Arm Assembly soble, unless otherwise noted." Is to be continuous unless otherwise shown. All welding to be done in rent AWS DL1 Structural Welding Code and the Standard Specifications. all meet Charpy V-notch (CVN) energy of 15 lb-ft at 40° F. No welding notes in rads. connection bolts shall be High Strength Bolts MI64, Galvanize M232 (ALS3, to reduce from ASTM A215 Type 304, 304, 316 or 3161, Condition A, equivalent material acceptable to the Engineer. Nuts for stainless steel conforming to ASTM A194, Grade 8 (ALS1 Type 304) of Grade 8, ALS1 Type 304, 304) or Steel inserts and semifinished to the this shall be stainless steel conforming to ASTM A194, Grade 8 (ALS1 Type 304) or Grade 5, all nuts shall be stainless steel conforming to ASTM A240, Type 304, 304) or Steel inserts and semifinished to the thisted neary hex series of the American National Standard. ARS: Reinforcement Bars designated (E) shall be epoxy coated in Standard Specifications. AASHTO camber = L / 1000 + dead load camber. Istructure Plans for foundalion support and payment of anchor rods. Class S1 Class Bar Rochoeque to Severation and payment of anchor rods. MONTUBE SIGN STRUCTURE Distructure Plans for foundalion support and payment of anchor rods. MONTUBE SIGN STRUCTURE Distructure Sign Rochoeque to Severation. MONTUBE SIGN STRUCTURE Distructure Sign Structure Sign Severation. MONTUBE SIGN STRUCTURE Distructure Sign Structure Sign Structure Sign Structure Sign Structure Sign Structure Sign Str				a speenteam		511 4610	in di Supporta
rent AWS D1.1 Structural Weiding Code and the Standard Specifications. all meet Charpy V-notch (CVN) energy of 15 lb-ft at 40° F. No weiding n rods. annection bolts shall be High Strength Bolts MI64, Galvanize M232 (A153), steel heavy hex conforming to ASTM A193, Grode B6 or BBM. Class 1. duced from ASTM A276 Type 304, 3044, 316 or 316L, Condition A, equivalent material acceptable to the Engineer. Nulls for stainless steel sos steel conforming to ASTM A194, Grode B (AISI Type 304) or Grade to Hin uts shall be viochnuts' with nyion or steel inserts and semiffinished wivelent to the finished heavy hex series of the American National Standard. is steel bolts shall be stainless steel conforming to ASTM A240, Type ARS: Reinforcement Bars designated (E) shall be epoxy coated in Standard Specifications. AASHTO camber = L / 1000 + dead load camber. to Structure Plans for foundation support and payment of anchor rods.	oad and Bridge Cons ("Standard Specific)	truction, ations")	Suppi All re	lemental Spec	rification	ns and	Recurring
n rods.         connection boits shall be High Strength Boits MI64, Galvanize M232 (A153), steel heavy hex conforming to ASTM A193, Grade B8 or B6M, Class 1, duced fram ASTM A276 Type 304. 304. 316 or Silci, Condition A, equivalent material acceptable to the Engineer. Nulls for stainlass steel conforming to ASTM A194, Grade B (A151) Type 304. 304 or Grade S, All nuts shall be 'locknuts'' with nyion or steel inserts and semifinished ivalent to the finished heavy hex series of the American National Standard. Is steel boits shall be stainless steel conforming to ASTM A240, Type         ARS:       Reinforcement Bars designated (E) shall be epoxy coated in Standard Specifications.         ARSITO camber = L / 1000 + dead load camber.         Structure Plans for foundation support and payment of anchor rods. <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
is steel heavy hex conforming to ASTM A193, Grade B8 or B8M, Class I, duced from ASTM A276 Type 304, 3041, 316 or 316L, Condition A, equivalent material acceptable to the Engineer. Nuts for stainless steel ass steel conforming to ASTM A194, Grade & (AISI Type 304) or Grade         All nuts stail be "backnuts" with nylon or steel inserts and semtifinished indent to the finished heavy hex series of the American National Standard, as steel bolts shall be stainless steel conforming to ASTM A240, Type         ARS: Reinforcement Bars designated (E) shall be epoxy coated in Standard Specifications.         ARSHTO camber = L / 1000 + dead load camber.         Structure Plans for foundation support and payment of anchor rods.         Class SI Concrete (Gu. Yds.)         Concrete         Class SI Concrete         Concrete         Cuice Soft Constructs         Minuts Bard Medican Bard Standard Specifications         MASHTO camber = L / 1000 + dead load camber.         Structure Plans for foundation support and payment of anchor rods.         Structure Plans for foundation support and payment of anchor supports mc.         Büllet Highter Boad State 170, Ohiooga, linole 6063-280         WonoTTUBE SIGN STRUCTURE ISON State 170, Ohiooga, linole 6063-280         Vor.starsystrop.com		tch (CVN	) ener	gy of 15 lb-i	ft at 40	)° F	No welding
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