

GENERAL NOTES

DESIGN: Current (at time of letting) AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Recurring Special Provisions. ("Standard Specifications") All references to "Mast Arm Assembly and Pole" are applicable, unless otherwise noted.

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 Structural Welding Code and the Standard Specifications.

ANCHOR RODS: Shall meet Charpy V-notch (CVN) energy of 15 lb-ft at 40° F. No welding shall be permitted on rods.

FASTENERS: All connection bolts shall be High Strength Bolts MI64, Galvanize M232 (A153), Type 3, or stainless steel heavy hex conforming to ASTM A193, Grade B8 or B8M, Class 1. U-bolts shall be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished, or an equivalent material acceptable to the Engineer. Nuts for stainless steel bolts shall be stainless steel conforming to ASTM A194, Grade 8 (AISI Type 304) or Grade 8F (AISI Type 303). All nuts shall be "locknuts" with nylon or steel inserts and semifinished hexagonal heads equivalent to the finished heavy hex series of the American National Standard. Washers for stainless steel bolts shall be stainless steel conforming to ASTM A240, Type 302 or 304.

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

CAMBER: Minimum AASHTO camber = L / 1000 + dead load camber.

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

NOTE: *** The New Foundation Elevation was established by raising the proposed curb & gutter to the existing payement grade. The New Foundation on the curb side, shall be 4" above the top of back of curb. The Foundation on the ditch shall be set relative to the Median/Curb Elevation. The Contractor shall verify/document the existing sign Elevation before removal the structure. The Contractor shall verify/document the proposed structure clearence height and the it meets policy,

SIGN STRUCTURE DATA TABLE

61 1		Ç †o Ç Elevai	E	D	Actual	Left Foundation			Right Foundation				Class SI			
Structure Number	Station	Poles	Elevation A	Dimension D	Sign/Signal Area	Elevation Top	Elev. Bottom	А	В	F	Elevation Top	Elev. Bottom	А	В	F	Concrete (Cu. Yds.)
SM084S029R11.8	25+22	58′-6"	***	12'-0"	111.50 Sq.Ft.	588 . 35′	576.00′	4"	12'-0"	12'-4"	585.71′	573 . 38′	4"	12'-0"	12′-4"	4.50 Cu.Yds.
													-	-		

NUMBER	REVISION	DATE

BILL OF MATERIAL

ITEM	UNIT	TOTAL
RELOCATE MONTUBE OVERHEAD SIGN STRUCTURE - SPAN	Each	1.0
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	4.50

SCALE:

MONOTUBE - 1 12-1-08

	FILE NAME =	USER NAME = laughlinrl	DESIGNED	-	REVISED -
	c:\pw_work\PWIDOT\LAUGHLINRL\dØ14Ø376\D	872DØ1-sht-sidewalk- median-details.dgn	DRAWN	-	REVISED -
		PLOT SCALE = 50.0000 '/ IN.	CHECKED	-	REVISED -
ı		PLOT DATE = Mar-26-2010 03:10:25PM	DATE	-	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	RELOCATE	MON	TUBE	ST	RUCTU	JRE DETAIL		
F.A.P. 75 (IL 29)								
	CUEET NO	٥٢	CHEE	TC	CTA	7/	,	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	6(RS-8, TS), 8RS-7	SANGAMON	111	67
		CONTRACT	T NO. 7	'2D01
	TILL THATCH FED. A	TO DOO IFOT		

MONOTUBE SIGN STRUCTURE