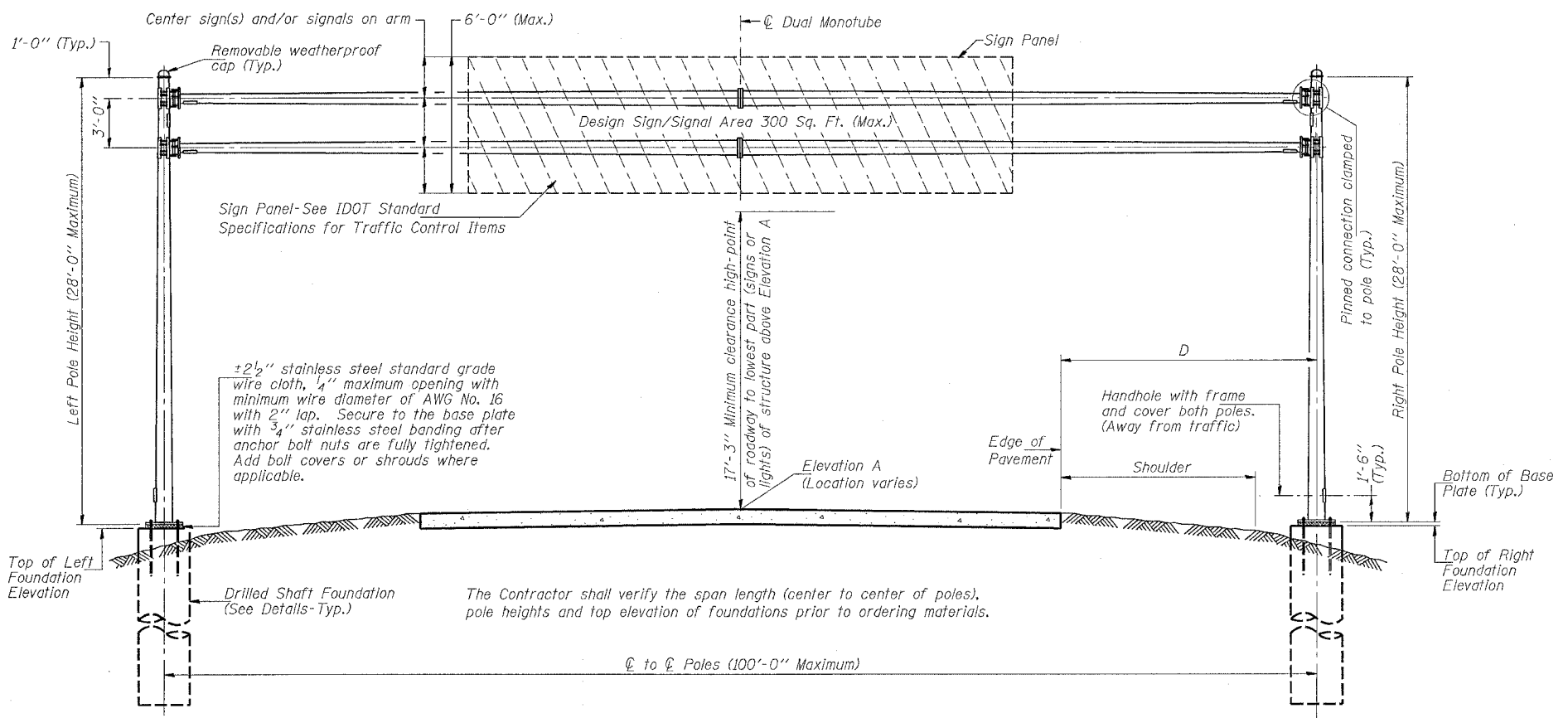


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-3-K	ROCKISLAND	476	237
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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 ft-lb at 40° F. No welding shall be permitted on rods.

FASTENERS: All connection bolts shall be High Strength Bolts M164, 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.

ELEVATION
Looking at face of signs.
Looking upstation for structures with signs both sides.

NOTE: SIGN STRUCTURE DESIGN IS FROM A DRIVING DIRECTION NOT AS INCREASING STATIONING

Structure Number	Station	℄ to ℄ Poles	Elevation A	Dimension D	Actual Sign/Signal Area	Median Foundation			Right Foundation			Class SI Concrete (Cu. Yds.)				
						Elevation Top	Elev. Bottom	A	B	F	Elevation Top		Elev. Bottom	A	B	F
2M081NMB41250	412+50	95'	595.687	35' RIGHT	119 SQ FT	597.560	580.770	2.790	14	16.790	593.126	577.126	2	14	16	3.6
2M081NMB41650	416+50	77'	592.74	30' RIGHT	116 SQ FT	595.530	579.740	2.790	13	15.790	589.95	574.950	2	13	15	3.4
2M081NMB1150	11+50 RAMP 3	86'	576.728	35'	78 SQ FT	571.025	555.025	2	14	16	570.454	554.454	2	14	16	3.6
2M081NMB1400	14+00 RAMP 3	75.5'	583.336	16' M-30' R	69.5 SQ FT	581.734	566.734	2	13	15	579.710	564.710	2	13	15	3.3

SIGN STRUCTURE DATA TABLE

NUMBER	REVISION	DATE

BILL OF MATERIAL

ITEM	UNIT	TOTAL
DUAL MONOTUBE OVERHEAD SIGN STRUCTURE SPAN	Foot	333.5
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	13.9

DUAL MONOTUBE SIGN STRUCTURE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. HORIZ. DATE
		DRAWN BY
		CHECKED BY

PLOT DATE = Wed Jan 25 07:32:15 2005
 FILE NAME = c:\projects\64647\sign sheets.dgn
 PLOT SCALE = 28.2000 / 1 IN.
 REFERENCE = SHEET#