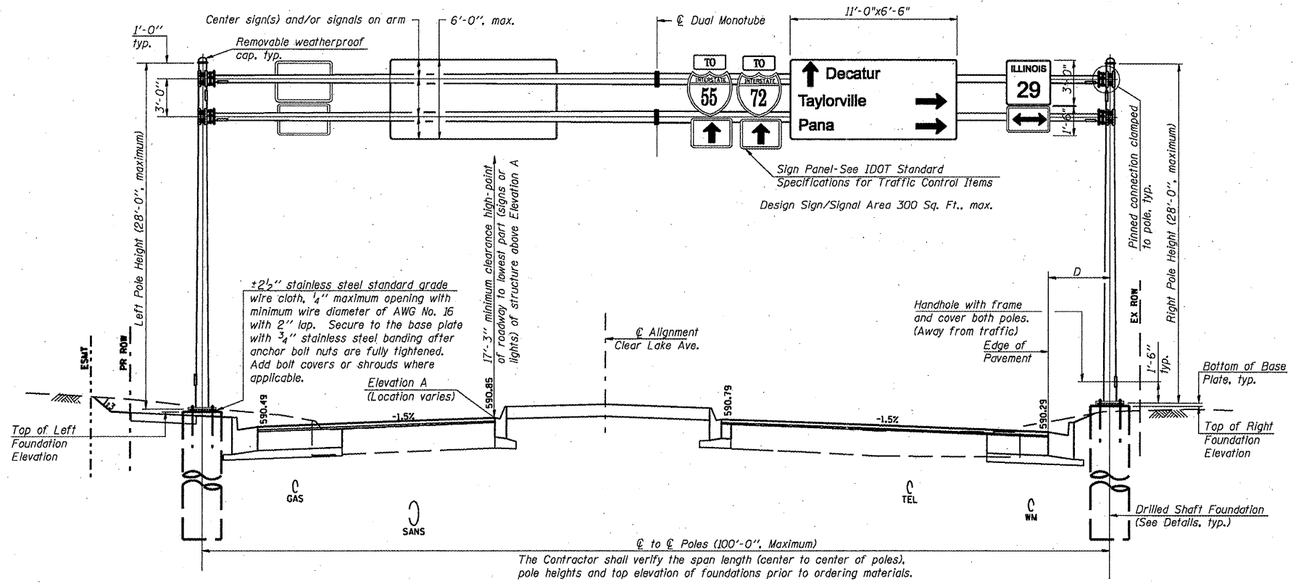
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	202
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668
** D-6 SPFLD-CLRLAKE DIRKSEN 2002

CONTRACT NO. 72088



ELEVATION

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

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.

EXISTING SIGNS: Existing Sign Panels and Sign Panel Assemblies are to be removed from the existing sign structure to be removed and relocated to the proposed sign structure. See Special Provision "Remove Overhead Sign Structure, Monotube".

UTILITIES: All utilities shown are for information only. The contractor is responsible for verifying the location of all utilities prior to excavating for the concrete foundations.

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

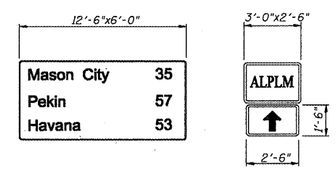
FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE - SPAN, DUAL MONOTUBE	Foot	91.50
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	11.2

SIGN STRUCTURE DATA TABLE

Structure Number	Station	℄ to ℄ Poles	Elevation A	Dimension D	Actual Sign/Signal Area	Left Foundation					Right Foundation					Class SI Concrete (Cu. Yds.)
						Elevation Top	Elev. Bottom	A	B	F	Elevation Top	Elev. Bottom	A	B	F	
	128+15.00	91'-6"	590.85	61"	239.27 SQ.FT.	591.36	570.11	3"	21'-0"	21'-3"	591.55	570.30	3"	21'-0"	21'-3"	11.2



WESTBOUND SIGN PANELS

NUMBER	REVISION	DATE

DUALTUBE - 1 12-1-08

SHEET 1 OF 9

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DUAL MONOTUBE SIGN STRUCTURE
CLEAR LAKE AVENUE
STA. 128+15.00

SCALE: NONE — DRAWN BY MLO
DATE 08/05 — CHECKED BY SJK