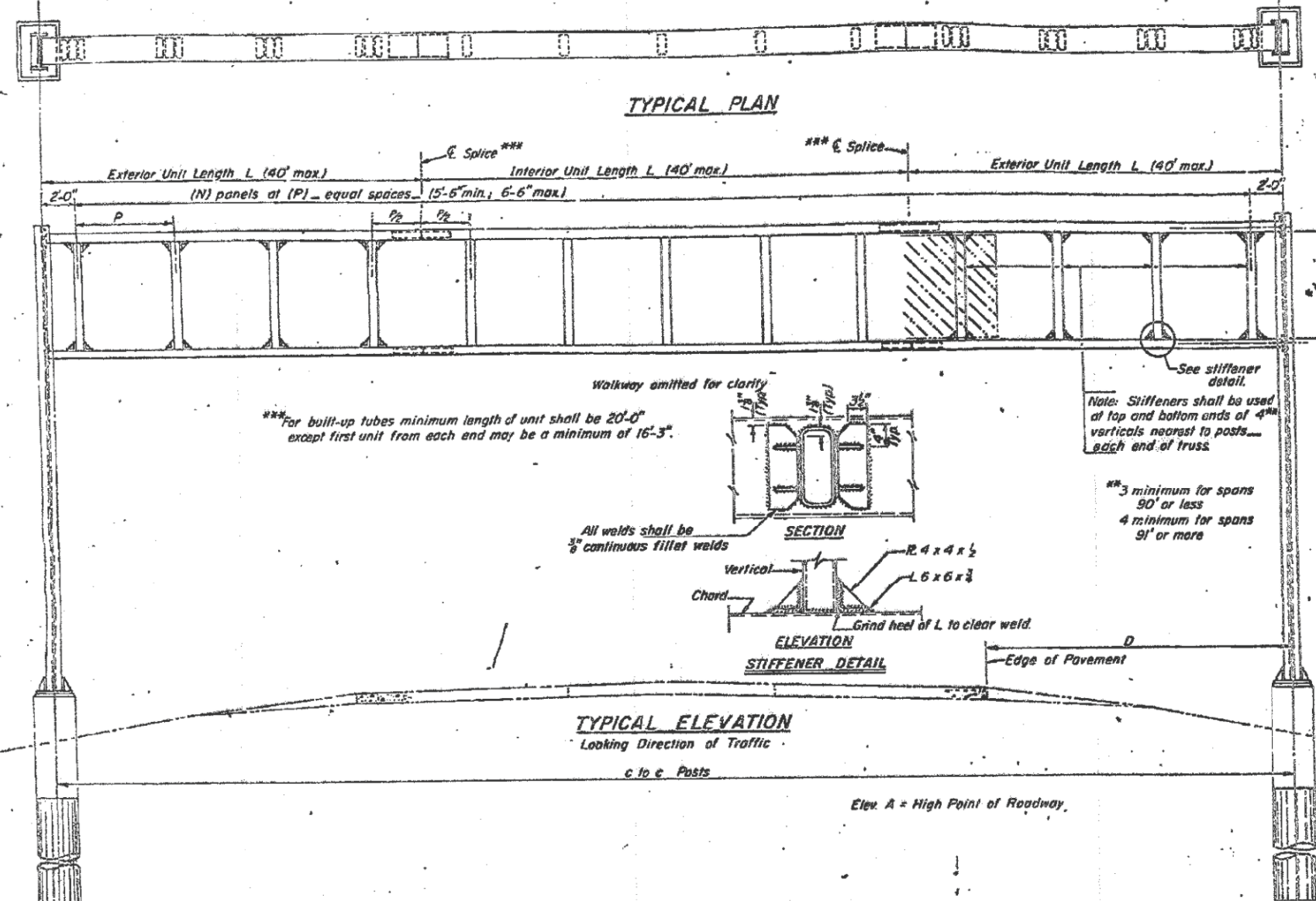


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

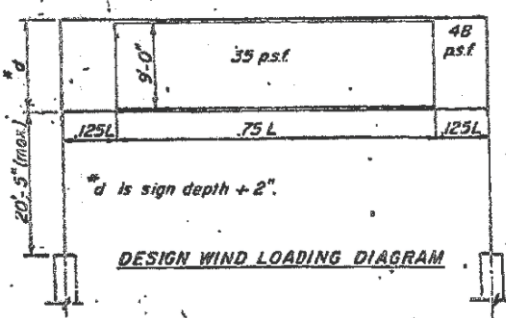
PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	*	COOK	144	75
SHEETS 8				

GENERAL NOTES

SPECIFICATIONS:
DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, dated January, 1975, 1985.
CONSTRUCTION: Standard Specifications for Road and Bridge Construction, State of Illinois, (dated October 1, 1993) Supplemental Specifications for Road and Bridge Construction; Standard Specifications for Traffic Control Items (dated April 1, 1994) and Special Provisions. (JULY 1, 1988) (APRIL 1, 1993)
MINIMUM CLEARANCE: Vertical Roadway Clearance = 17'-3" (All Obstructions)
LOADING: 80 MPH WIND VELOCITY PLUS 30% GUST FACTOR
WIND LOADING: 35 psf normal to Sign Panel Area as shown below in Wind Loading Diagram plus 48 psf normal to exposed frame members.
WALKWAY LOADING: Dead Load plus 500# concentrated Live Load
MATERIALS:
REINFORCEMENT BARS shall conform to the requirements of AASHTO M31 or M53, Grade 60.
CLASS X CONCRETE shall be used throughout.
STRUCTURAL STEEL All material for structural chords, verticals, or chord splices shall conform to either ASTM A500, Grade C, AASHTO M222 or AASHTO M223, Grade 50 and shall meet the longitudinal CVN requirements of 15 ft. lbs. at 40° F.
Posts shall conform to AASHTO M222 or M223, Grade 50, and shall meet the longitudinal CVN requirements of 15 ft. lbs. at 40° F.
HIGH STRENGTH BOLTS shall conform to the requirements of AASHTO M164.
STRUCTURAL SHAPES and PLATES shall conform to the requirements of AASHTO M223, Grade 50, or M222, unless otherwise specified.
WEEP HOLES SHALL BE INSTALLED AT EACH END OF THE SPAN IN THE TOP AND BOTTOM CHORDS (± 1'-0" FROM EACH END).
ALL BOLTS JOINTS IN THE SPAN SHALL BE SEALED WITH AN APPROVED Compound.
PAINTING: The zinc-silicate and vinyl paint system shall be used for shop and field painting of all structural steel. Exterior surfaces of all structural steel that are painted with the high-build vinyl paint shall receive one coat of vinyl enamel. Paint system, including field coat, for the walkway gratings may be done in the shop or just prior to erection. Chords and verticals will require painting on exterior surfaces only. FINAL COAT COLOR SHALL BE STAINLESS STEEL (Color Spec. MS-33).
WELDING: All welding shall be in accordance with Article 507.04(s) of the Standard Specifications for Road and Bridge Construction.



Structure No.	Station	c to c Posts	Elev. A (ft)	Dim. D
TN-1	312+20	78'-0"	855.00	18'-0"
TB-1	277+45	78'-0"	837.50	18'-0"



TOTAL BILL of MATERIAL

OVERHEAD SIGN STRUCTURE - SPAN (SPECIAL)	Lin. Ft.	152.0
OVERHEAD SIGN STRUCTURE WALKWAY - FREE (SPECIAL)	Lin. Ft.	92.0
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	33.89

OVERHEAD SIGN STRUCTURES
GENERAL PLAN & ELEVATION

FOR INFORMATION ONLY

DESIGNED	EXAMINED	19
CHECKED	PASSES	
DRAWN	APPROVED	
CHECKED		

(1) ELEV. A - ESTIMATE ONLY.
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO POURING FOUNDATIONS AND ORDERING FABRICATION.

OS-5-1 SPECIAL

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 DATE PLOTTED: 5/17/2012 14:42:42 PM
 FILE NAME: 8610019611-081-03.dgn
 PLOT DRIVER: pdefact
 PEN TABLE: Struct 22x34.tbl



USER NAME = mhardin
 DESIGNED - J. GUERRIERO
 DRAWN - J. GUERRIERO
 CHECKED - R. DAVIES
 PLOT DATE = 5/17/2012

REVISOR
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
ILLINOIS ROUTE 394
 SCALE: N/A SHEET NO. 1 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2011-073-T	COOK	44	27
CONTRACT NO.			60P93	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				