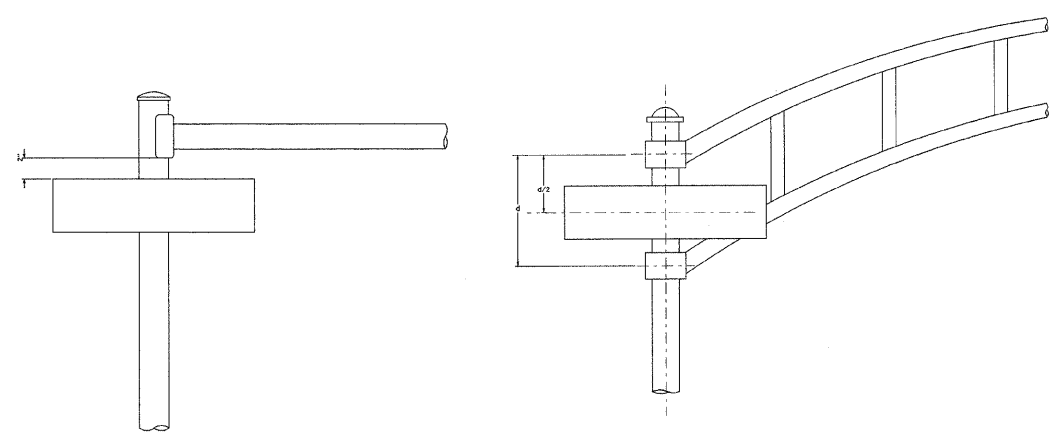
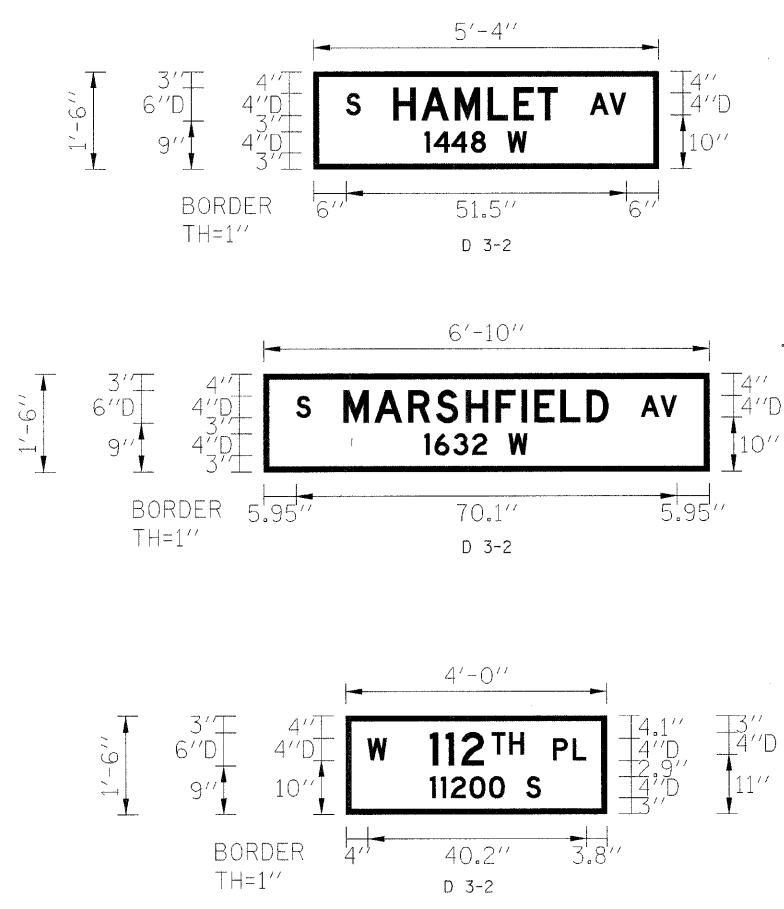
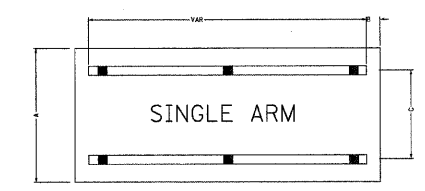


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1920.1B-R	COOK	101	059
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62533				

MOUNTING LOCATIONS

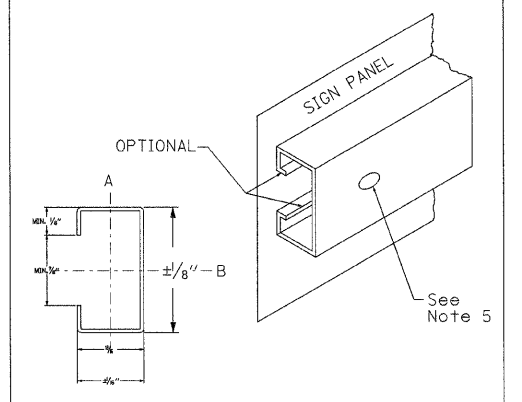


DETAIL "A"
SUPPORTING CHANNELS

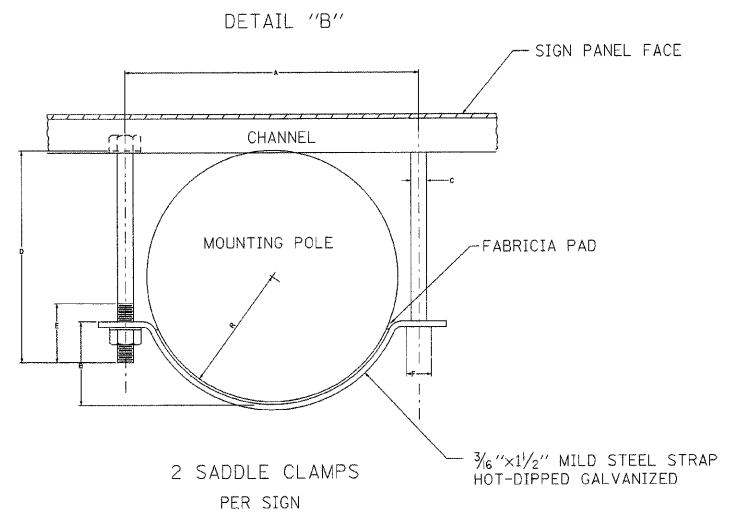


A	B	C
18"	2"	12"
24"	2"	16"

STEEL (MILD STRIP, ASTM A.525)
 Section modulus, axle A - .050 in³ minimum
 Section modulus, axle B - .105 in³ minimum
 Galvanized before forming in accordance with ASTM A.525, Coating Designation G 90 or after forming in accordance with AASHTO M-232, class B-2
 or
 ALUMINUM (6061 T6 or 6063 T5 or T6)
 Section modulus, axle A - .150 in³ minimum
 Section modulus, axle B - .318 in³ minimum



- All mounting hardware, exclusive of supporting channels shall be zinc or cadmium plated steel or stainless steel.
- All bolts and nuts shall have National Coarse Thread (UNC).
- All signs mounted to supporting channels shall be attached with at least 5/16" diameter hex bolts.
- Horizontal supporting channels used to brace individual signs shall be located using the mounting holes prepunched in the sign blank.
- Mounting holes in the supporting channel shall be 5/16" diameter. Channel material with prepunched holes at 2" centers may be used.
- Sign panel to channel bolt centers should not exceed 2'-0".



SIGN TYPE	SIGN SIZE	D3-2 TYPE SIGN DIMENSIONS								LETTER SIZE LINES			BORDER
		A	B	C	D	E	F	G	H	1	2	3	
D3-2	VAR x 18	VAR	18"	1.0"	6.0"	3.0"	2.0"	4D	4"TO6"	6D	4D	-	1.0"
D3-2(a)	VAR x 24	VAR	24"	1.0"	6.0"	2.5"	1.5"	4D	4"TO6"	6D	4D	4D	1.0"

MOUNTING POLE	D3-2 TYPE MOUNT DIMENSIONS						
	R	A	B	C	D	E	F
10"	4"	9"	2 5/8"	7/16"	7"	2 1/2"	1 1/2"
11"	4 1/2"	10"	3"	7/16"	7"	2 1/2"	1 1/2"
12 1/2"	5 1/4"	11 1/2"	3 1/2"	1/2"	8"	2"	3/16"

SPECIAL DESIGN SPECIFICATIONS

- The State of Illinois Department of Transportation standard specifications for traffic control items shall apply except where noted herein.
- The D3-2 and D3-2a sign length shall not be less than 4'-0" or greater than 6'-0". Sign length shall be determined by message copy, dictated by 6" capital letter series D, appropriate space chart layout, and the table of dimensions, where a required message layout would exceed maximum length of panel allowed the contractor shall layout to a reduced series stroke width. Letter series height shall remain as 6" capitals.
- Reflective sheeting shall conform to T602.01 TYPE A with green background and white letter and border.
- The sign panel shall conform to 601.01 TYPE 1. Supporting channels and panel to channel attachment hardware shall be in conformance to detail "A" of this plan sheet.
- Sign installation hardware shall be in conformance to detail "B" of this plan sheet.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 112TH PLACE OVER
 F.A.I ROUTE 57 (INTERSTATE 57)

ELECTRICAL STANDARD DETAILS

SCALE: NONE
 DATE: 01/16/09
 DRAWN BY: N/A
 CHECKED BY: N/A

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 205 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE: 312/616-0000

\\N12TH ST BORDER.DGN, ..\EXH0007.DGN, ..\P\WOODTOD.DGN
 11-6-2009, 10:14:43
 T:\DOCUMENT\193086\01\CIVIL\DRN\EXH0007.DGN
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 HECHTBR