

CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS

SN 037-1178 - RT STA 790+09.1 PR SIDE TAPERED IMPROVED INLET (US 150)

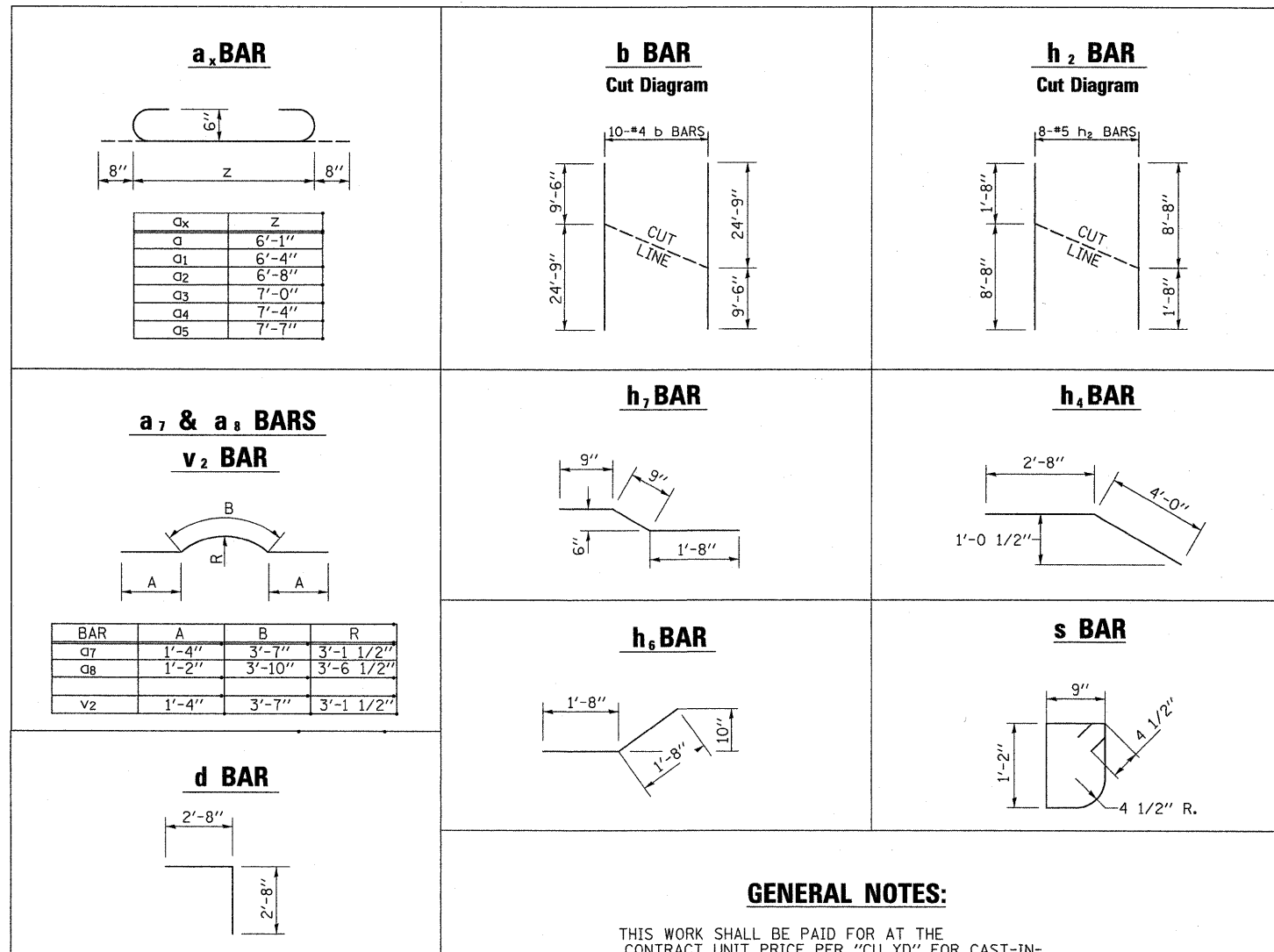
BILL OF MATERIALS (FOR INFORMATION ONLY)

BAR	NO.	SIZE	LENGTH	SHAPE
a	8	#6	7'-5"	
a ₁	2	#6	7'-8"	
a ₂	2	#6	8'-0"	
a ₃	2	#6	8'-4"	
a ₄	2	#6	8'-8"	
a ₅	3	#6	8'-11"	
a ₆	11	#4	7'-7"	
a ₇	4	#6	6'-3"	
a ₈	4	#6	6'-2"	
b	2	#4	24'-9"	
b ₁	10	#4	34'-3"	
d	52	#4	5'-4"	
h	20	#5	6'-9"	
h ₁	14	#5	15'-4"	
h ₂	16	#5	10'-4"	
h ₃	4	#6	7'-8"	
h ₄	20	#5	6'-8"	
h ₅	20	#5	11'-9"	
h ₆	20	#5	3'-4"	
h ₇	16	#5	3'-2"	
s	8	#4	4'-6"	
v	18	#4	6'-3"	
v ₁	26	#4	5'-9"	
v ₂	4	#4	8'-1"	

DESCRIPTION	UNIT	QTY
CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS	CU YD	12.7
REINFORCEMENT BARS	POUND	2,120

MINIMUM BAR LAP
LOCATION: END SECTION

SIZE	LAP
# 4	1' - 4"
# 5	1' - 8"
# 6	2' - 0"



GENERAL NOTES:

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER "CU YD" FOR CAST-IN-PLACE RC END SECTIONS. THIS WORK SHALL INCLUDE THE EARTH EXCAVATION WHERE REQUIRED, AND ANY NECESSARY GRADING TO FIT END SECTION AS SHOWN IN THE CROSS SECTIONS OR TO SLOPE.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. EXPOSED EDGES SHALL BE BEVELED 3/4".

SLOPE FLOW LINE FOR IMPROVED INLET IS THE SAME RATE AS THE FLOW LINE OF THE BOX CULVERT.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 GR. 60 (IL MODIFIED).

SEE PLAN AND PROFILE SHEET FOR MORE INFORMATION.

SEE CROSS SECTION SHEET FOR MORE INFORMATION.

THIS WORK SHALL BE DONE ACCORDING TO THE APPLICABLE PORTION OF 503, 508 AND 540 OF THE STANDARD SPECIFICATIONS.

A MINIMUM 6" LAYER OF POROUS GRANULAR MATERIAL SHALL BE PLACED BELOW THE BOTTOM OF BOX ELEVATION AS PER SECTION 540.06 OF THE STANDARD SPEC.

FILE NAME = VA\Bridge\2244\2244-19\inletdetails.dgn	USER NAME = toody	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS-RT STA. 790 + 09.1 SHEET 2 OF 2	F.A.S RTE.	SECTION 118T	COUNTY HENRY	TOTAL SHEETS 52	SHEET NO. 26
PLOT SCALE = 50,0000 ' / IN.	PLOT DATE = 3/11/2009	DRAWN -	REVISED -	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 64D13 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				