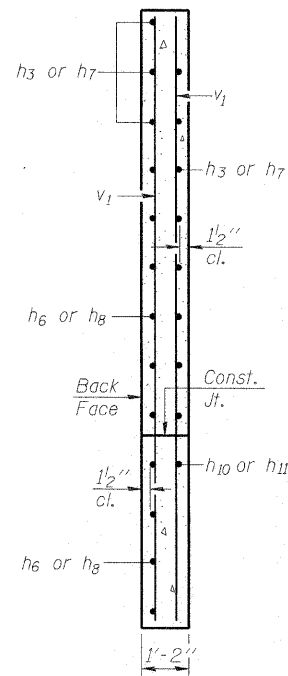
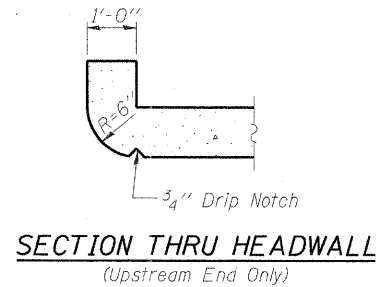


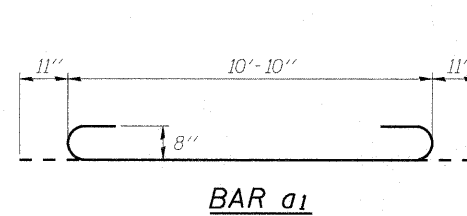
SECTION THRU BARREL



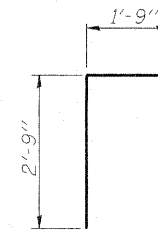
SECTION B-B



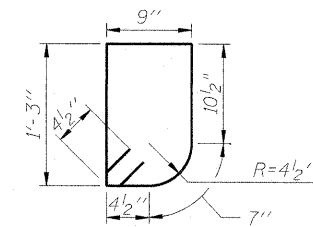
SECTION THRU HEADWALL (Upstream End Only)



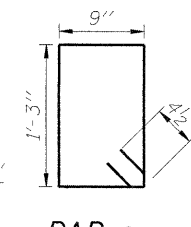
BAR a1



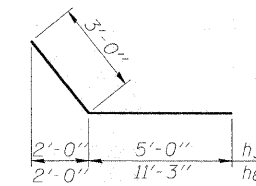
BAR d



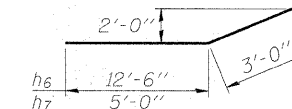
BAR s (Upstream)



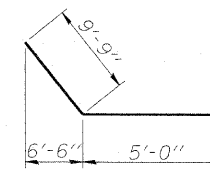
BAR s1 (Downstream)



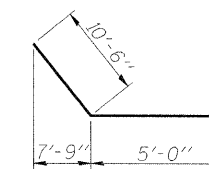
BARS h3 & h8



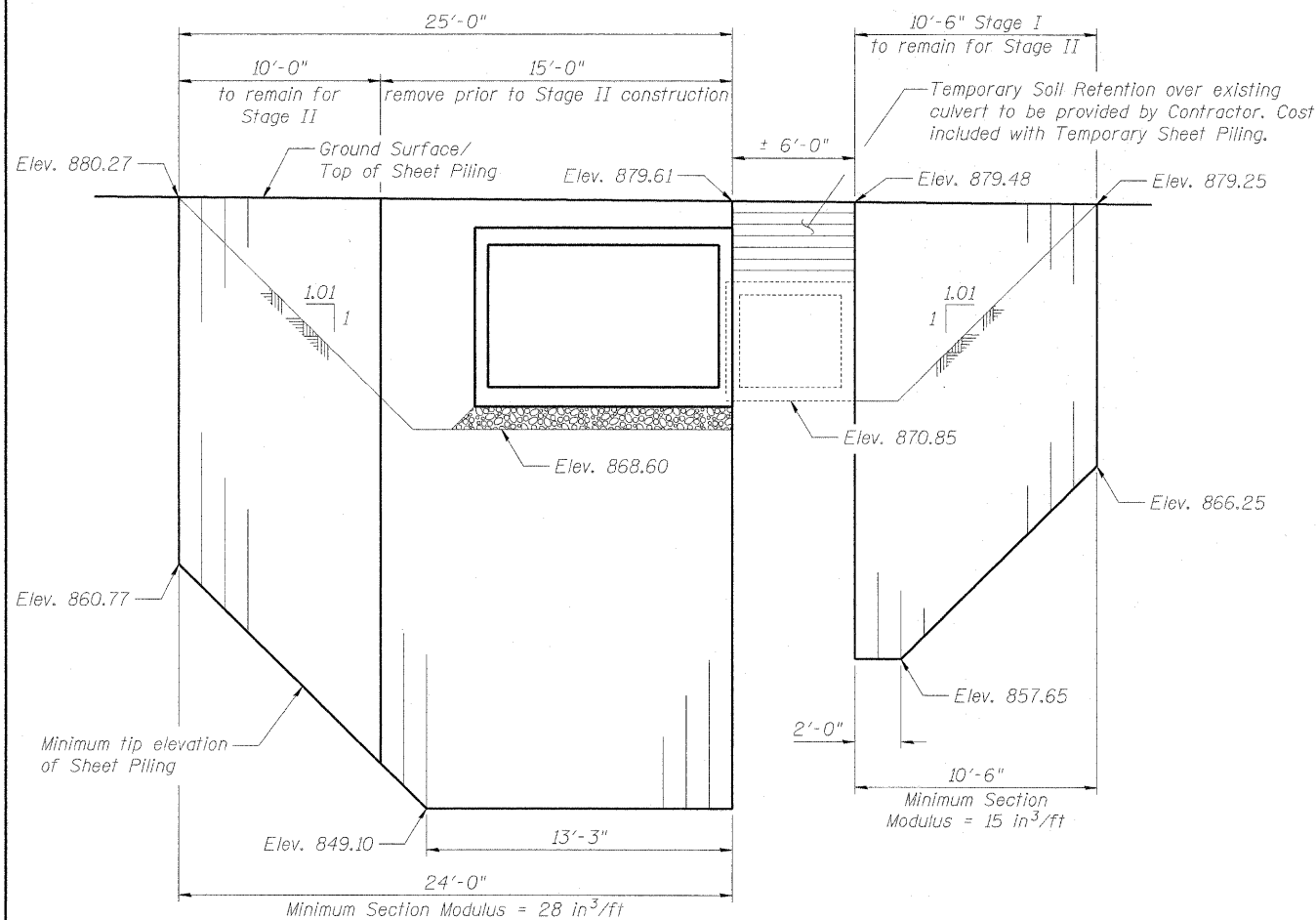
BARS h6 & h7



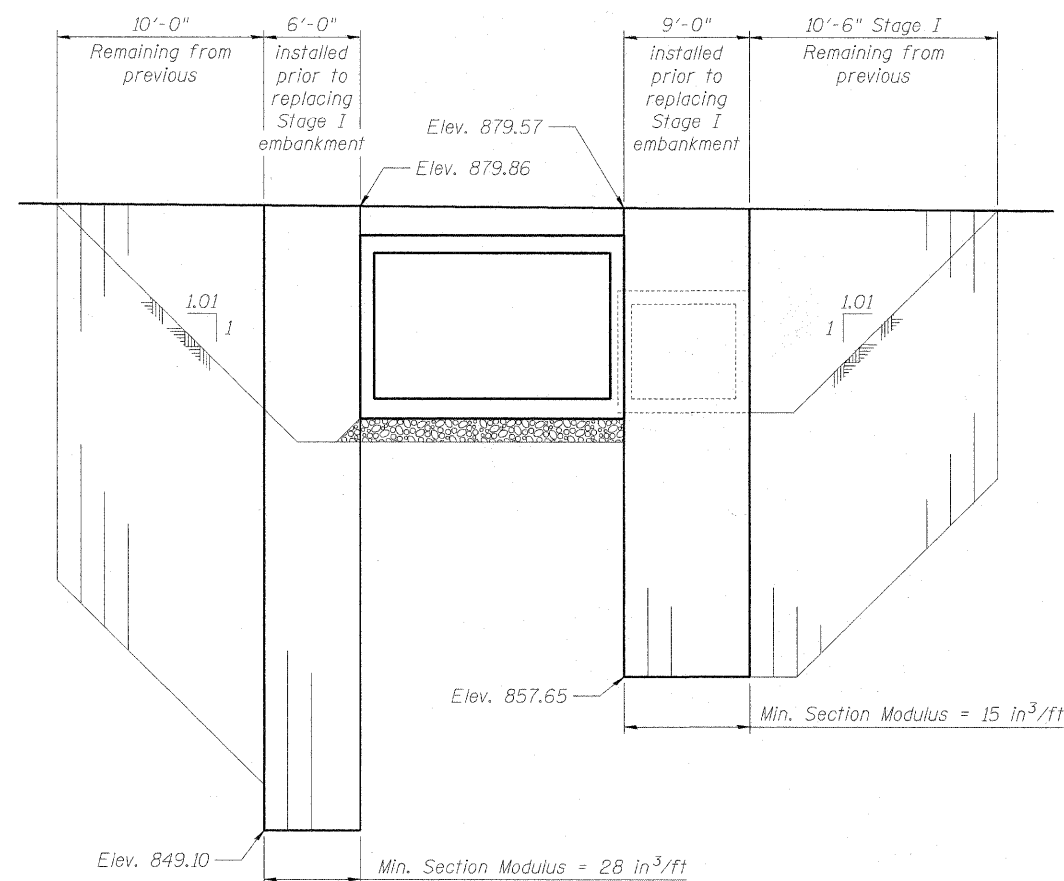
BARS h10



BARS h11



INSTALL PRIOR TO STAGE I EXCAVATION



INSTALL PRIOR TO REPLACING STAGE I EMBANKMENT

SHEET PILE ELEVATION

See Sheet S1 for Plan layout of Sheet Piling

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1	202	#8	12'-8"	U
a2	28	#4	10'-10"	U
a3	34	#5	10'-10"	U
d	22	#4	4'-6"	L
h	25	#6	19'-9"	—
h1	18	#5	19'-9"	—
h2	11	#4	19'-9"	—
h3	12	#7	8'-0"	—
h4	4	#6	11'-4"	—
h5	8	#6	11'-9"	—
h6	20	#7	15'-6"	—
h7	12	#7	8'-0"	—
h8	20	#7	14'-3"	—
h9	11	#4	29'-10"	—
h10	12	#7	14'-9"	—
h11	12	#7	15'-6"	—
h12	25	#6	29'-10"	—
h13	18	#5	29'-10"	—
h14	4	#6	10'-10"	—
s	11	#4	4'-7"	□
s1	22	#4	4'-9"	□
v	126	#4	8'-3"	—
v1	48	#4	11'-2"	—
Concrete Box Culverts			Cu. Yd.	72.9
Reinforcement Bars			Pound	14,420

FILE NAME = g:\project\2182185_803\cadd\structure\0568276_60M53_803\Culvert Details 2.dgn



USER NAME = 2snyrb
 PLOT SCALE = N/A
 PLOT DATE = 7/6/2011

DESIGNED - TWO
 CHECKED - BHS
 DRAWN - TWO
 CHECKED - BHS

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS (2 OF 2)
 S.N. 056-0279 - U.S. ROUTE 20 OVER DRAINAGE DITCH

SHEET NO. S3 OF 6 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	11-T-1	McHENRY	34	17

CONTRACT NO. 60M53
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT