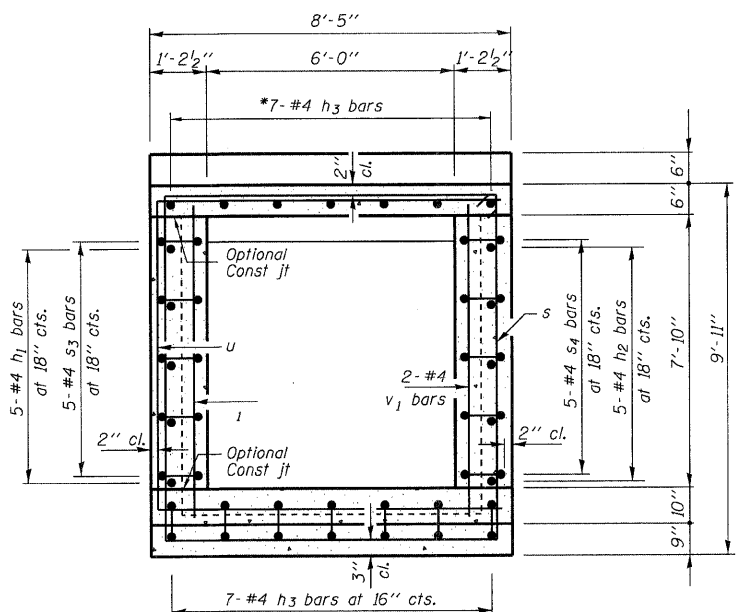
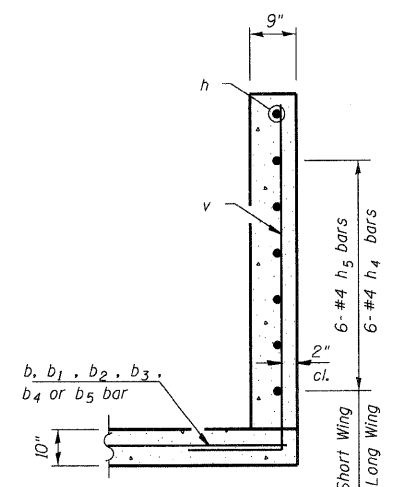
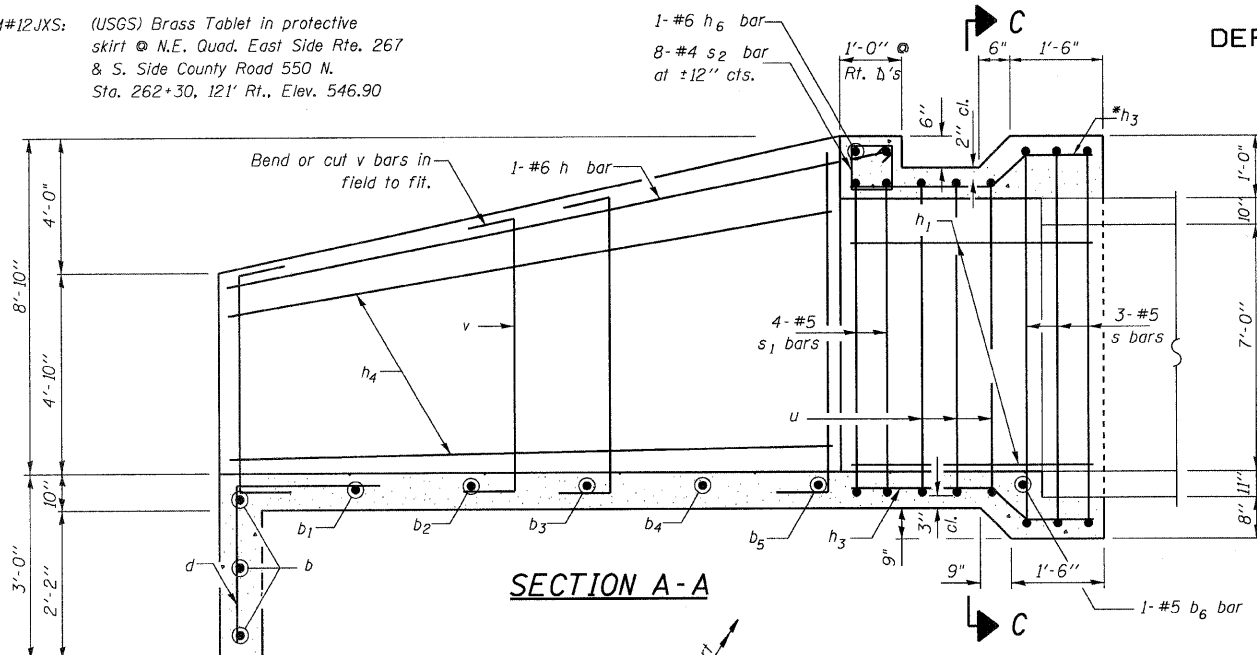


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BM#12JXS: (USGS) Brass Tablet in protective skirt @ N.E. Quad. East Side Rte. 267 & S. Side County Road 550 N. Sta. 262+30, 121' Rt., Elev. 546.90



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
b	3	#4	27'-5"	—
b1	1	#4	24'-3"	—
b2	1	#4	20'-8"	—
b3	1	#4	17'-1"	—
b4	1	#4	13'-8"	—
b5	1	#4	10'-1"	—
b6	1	#5	7'-0"	—
d	17	#4	5'-4"	└
h	1	#6	35'-10"	—
h1	5	#4	6'-10"	—
h2	5	#4	3'-1"	—
h3	14	#4	7'-2"	—
h4	6	#4	17'-2"	—
h5	6	#4	9'-6"	—
h6	1	#6	7'-0"	—
s	3	#5	36'-10"	└
s1	4	#5	20'-7"	└
s2	8	#4	3'-5"	└
s3	5	#4	14'-1"	└
s4	5	#4	5'-7"	└
u	3	#5	24'-7"	└
v	47	#5	12'-1"	└
v1	6	#4	8'-6"	—
* Concrete Box Culverts				Cu. Yd. 17.7
* Reinforcement Bars				Pound 1,440
Box Culvert End Section Culvert No. 2				Each 1

For Information Only

MIN BAR LAP
#5 bar = 1'-8"

DESIGN SPECIFICATIONS

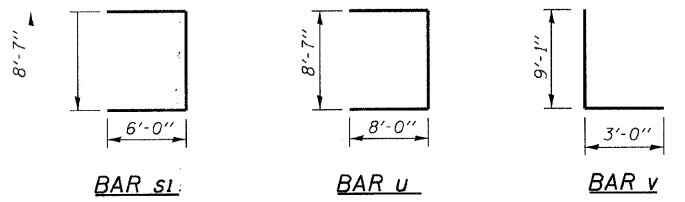
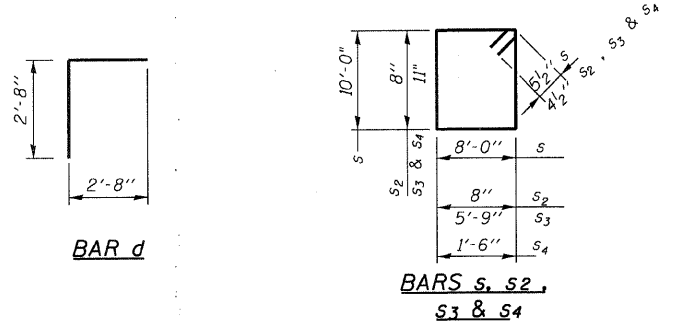
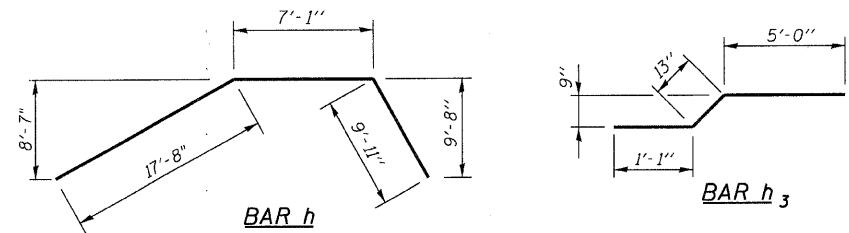
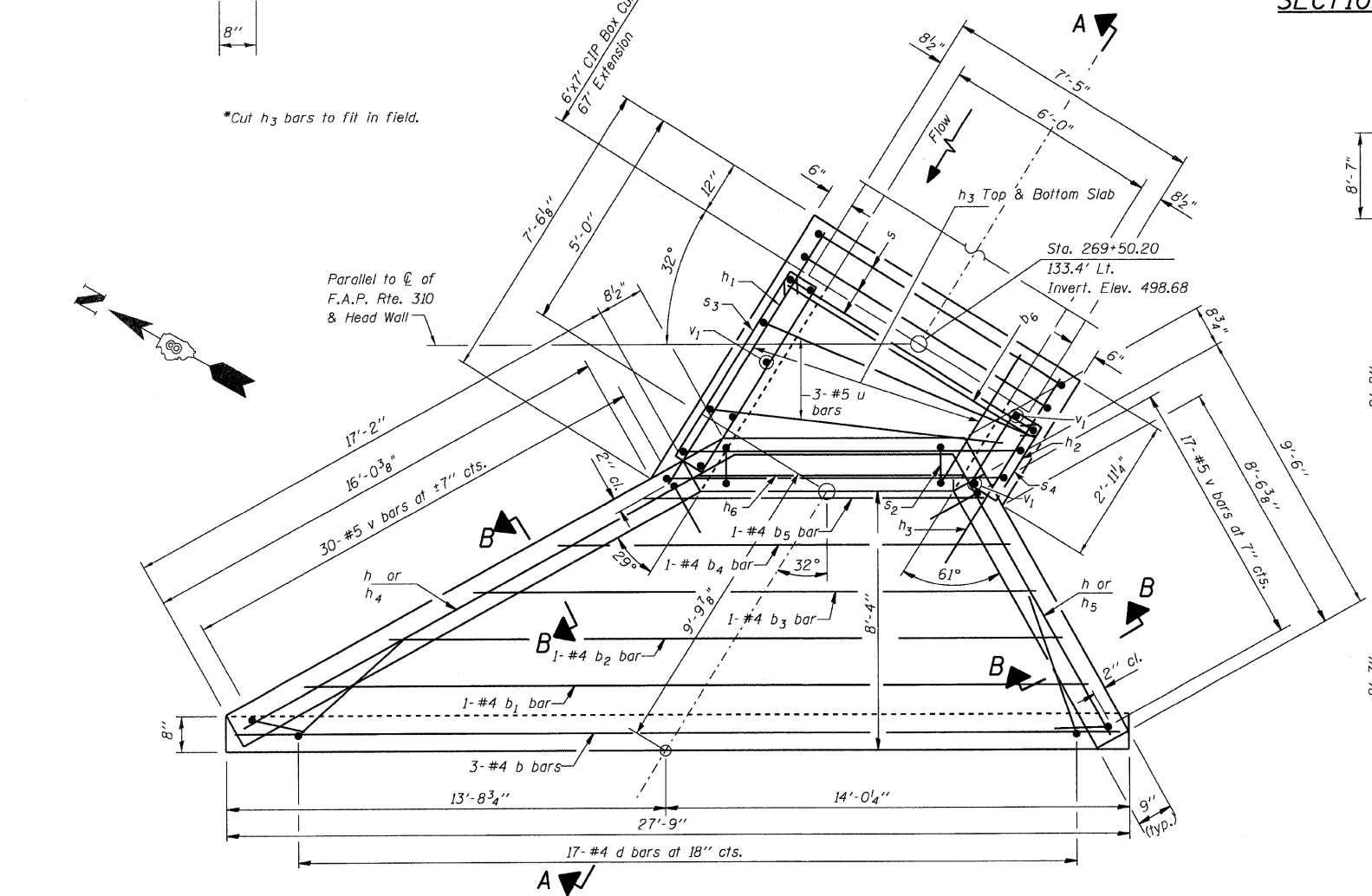
2002 AASHTO
17th Edition
LOADING HS20-44
Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
FIELD UNITS

$f'c = 3,500$ psi
 $f_y = 60,000$ psi (Reinf.)

GENERAL NOTES

Reinforcement Bars shall conform to the requirements of ASTM A706 Gr 60 (IL Modified) See Special Provisions.
All exposed edges shall be chamfered 3/4" unless otherwise noted.
All construction joints shall be bonded.
Plan dimensions and details relative to existing structures have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to ordering materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.



DESIGNED -	JMB
CHECKED -	TES
DRAWN -	R KING
CHECKED -	TES

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CHICAGO (773) 714-0050
ROCKFORD (815) 489-0050
184-001397

PLAN

SHEET NO. 2 OF 3 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	310	60-16-1-1B	MADISON	481	156
	FAP ROUTE 310 (US 67)		CONTRACT NO. 76318		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		

STATION 269+50.20 LT
DOWNSTREAM 6'x7'
END SECTION DETAILS
FAP ROUTE 310 (US 67)
SECTION 60-16-1-1B
MADISON COUNTY