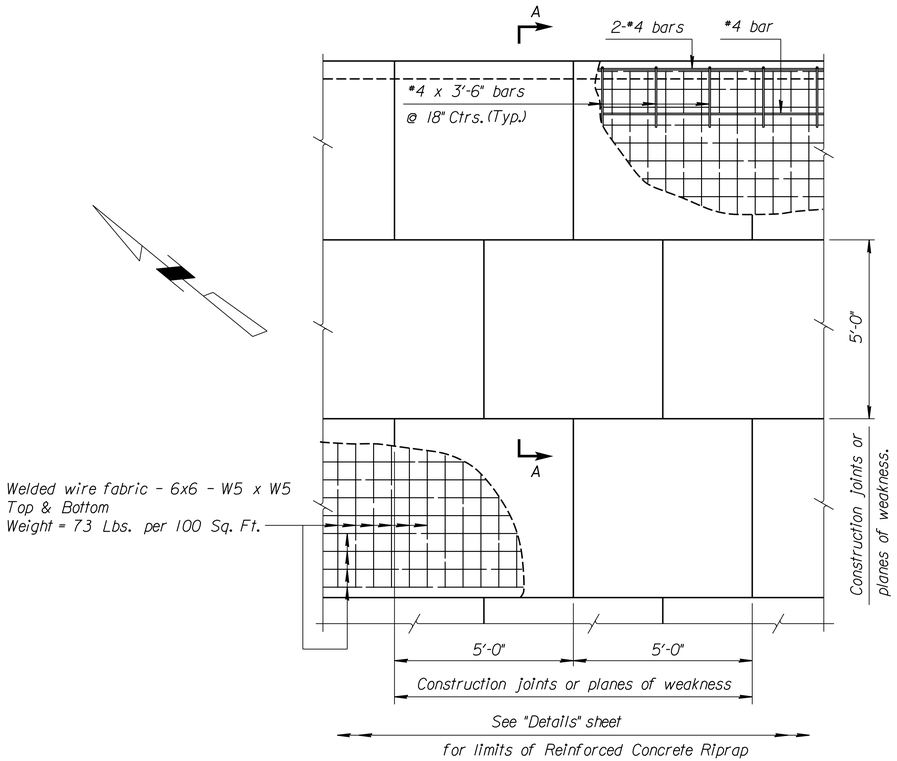
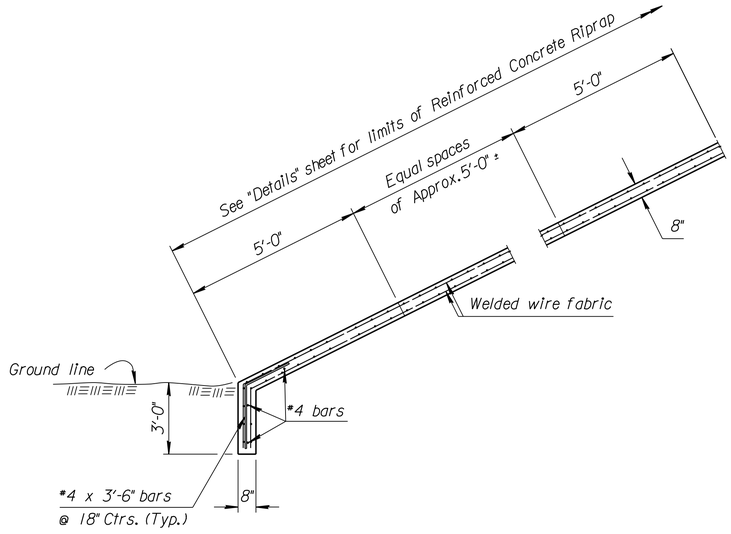
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	448-90510	2011	4	9



PLAN

(Showing Joint Layout)

Note: At Contractor's discretion, jointing and reinforcing may be placed along the skew, so that they are parallel with all sides of the riprap.



SECTION A-A

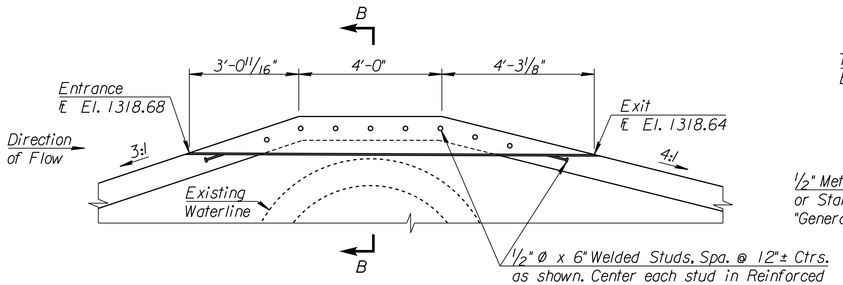
Notes:

Use f'c = 4,000 psi concrete for the riprap.

Use two mats of 6x6 - W5 x W5 welded wire fabric conforming to the requirements of ASTM A185.

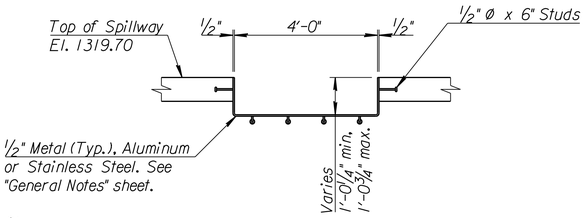
Use reinforcing steel conforming to the requirements of ASTM A615, Grade 60.

Measurement of the "Reinforced Concrete Riprap" shall be in square yards and is based on the outside surface area (does not include toewalls, which are subsidiary to the bid item).

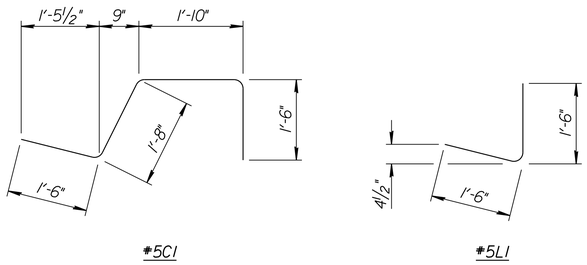


SECTION THRU SADDLE

Trim Riprap reinforcing within 2" of Saddle



SECTION B-B



#5C1 #5L1

DISSIPATOR BENDING DIAGRAMS

All dimensions are out to out of bars.

#4 bending diagrams for toewalls not shown.

CAUTION! Do not damage pipe during construction.

Saddle Location (Inside Corners)			
Point	Sta.	Offset	℄ El.
℄ Corner 1	50+95.39	35.85' Lt.	1318.68
℄ Corner 2	50+99.39	35.80' Lt.	1318.68
℄ Corner 3	50+95.24	24.53' Lt.	1318.64
℄ Corner 4	50+99.24	24.48' Lt.	1318.64

If required, Saddle may be moved northwest along ℄ Waterline, up to 7', with approval of Engineer, to maintain elevations shown and to avoid conflict with the top of Waterline.

See Sh. #2 for General Notes and Utility Owners.
See Sh. #3 for Plan.

CITY OF WICHITA
JAMES ARMOUR, P.E., CITY ENGINEER

66" WATERLINE PROTECTION

REINFORCED CONCRETE RIPRAP DETAILS

PARSONS BRINCKERHOFF
Wichita, Kansas

SCALE —— DATE 7/18/2011 DWG. NO. 35778A

T:\35778A\CADD\SHEETS\GENERAL\66WL_DETL02.dgn

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-	-	-	-	-	-	-