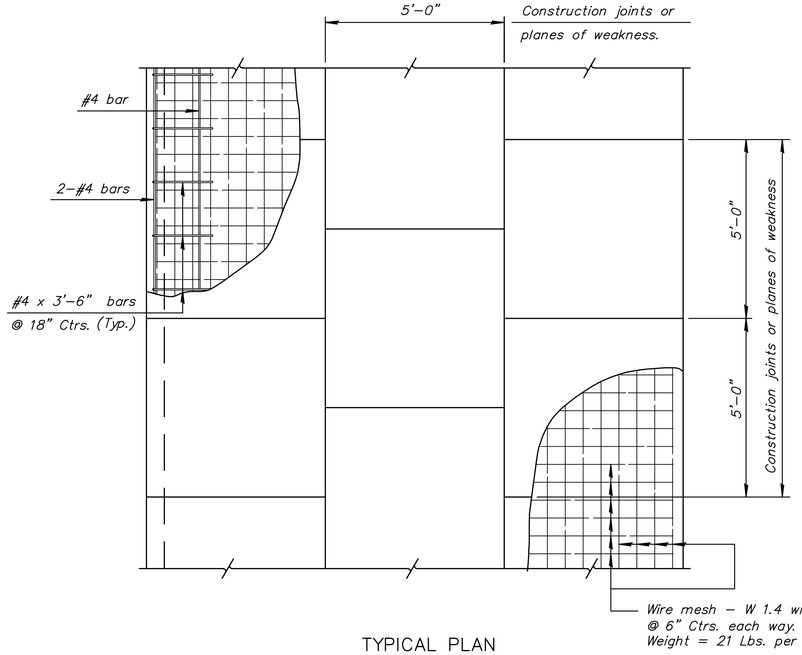
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0361-01	2011	130	169

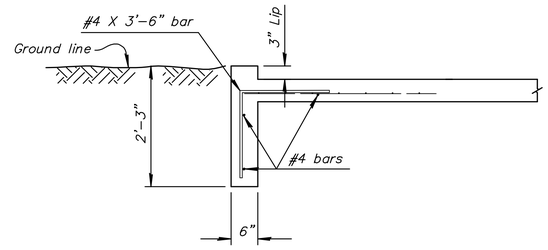
MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

LINCOLN STREET BRIDGE AND DAM IMPROVEMENTS OVER ARKANSAS RIVER

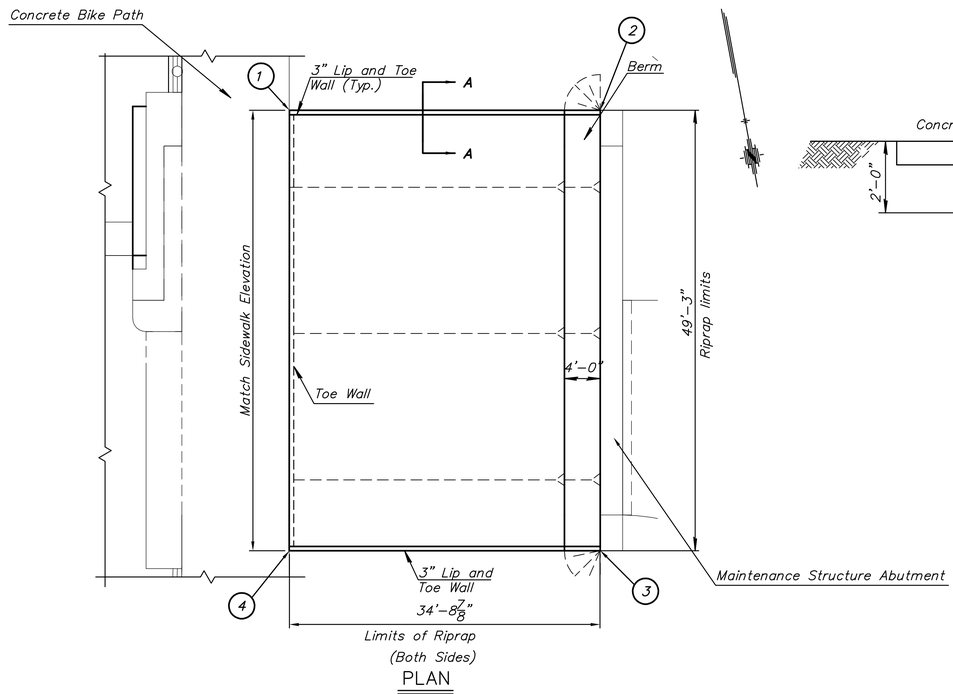


TYPICAL PLAN
(Showing Joint Layout)

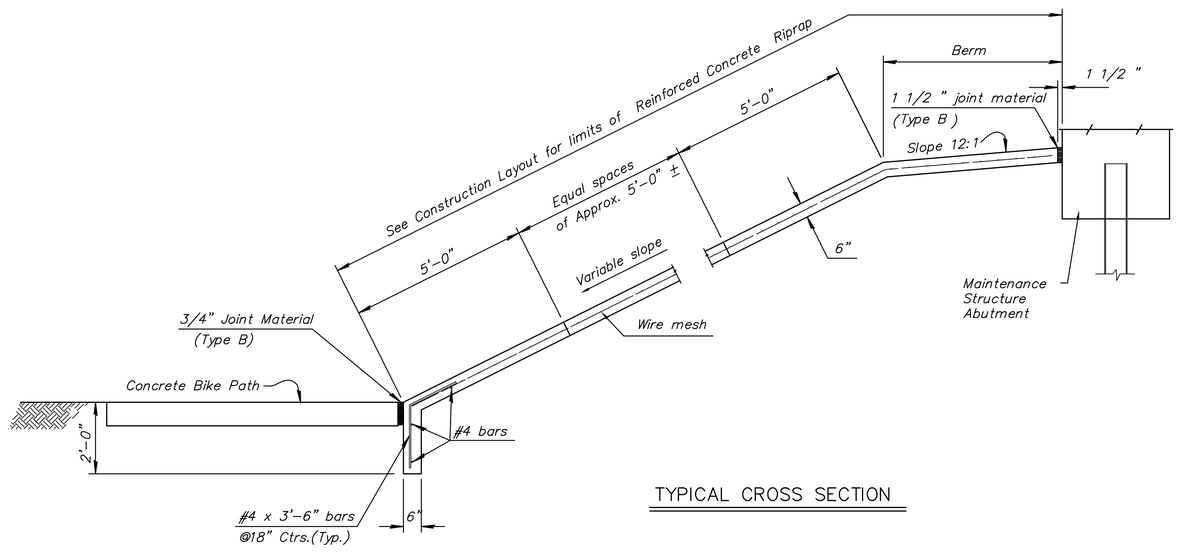
Note: Riprap shall be Class "A" Concrete.
Wire reinforcing mesh shall be of the electrically welded, square mesh type and shall be composed of W 1.4 steel wire spaced at 6" Ctrs. each way.
Reinforcement as shown is included in unit price bid for "Reinforced Concrete Riprap."
Measurement of Reinforced Concrete Riprap shall be in Sq. Yds. and shall be the outside surface area regardless of the thickness shown on the plans. Toe wall, 3" lip and Type B joint material shall be considered subsidiary to the bid item, "Reinforced Concrete Riprap".
Type B joint material shall be placed where abutment and riprap meet.



SECTION A-A



PLAN



TYPICAL CROSS SECTION

SUMMARY OF QUANTITIES

POINT NO.	DAM STATION/OFFSET	NORTHING	EASTING	ELEVATION AT TOP OF LIP	AREA (S.Y.)	PROJECT
1	48+59.00 / 14.87' Rt.	1680404.3583	1647002.0690	1283.06	190.2	Dam
2	48+25.24 / 14.87' Rt.	1680410.6281	1646967.8974	1290.06		
3	48+24.25 / 34.37' Lt.	1680459.0694	1646976.7856	1290.71		
4	48+59.00 / 34.37' Lt.	1680452.7982	1647010.9651	1284.47		

REINFORCED CONCRETE RIP-RAP
SHEET TITLE

472-84883
PROJECT NUMBER

JRA
DESIGN BY
DPG
DRAWN BY
CHECKED BY

ISSUED
1/24/2011
REVISED

SHEET NO.
130 of 169

PLOTTED: Tuesday, January 25, 2011 @ 08:37AM
J:\CIVIL\07433\DWG\DAM\DETAILS\07433_CONCRETE RIP RAP.DWG