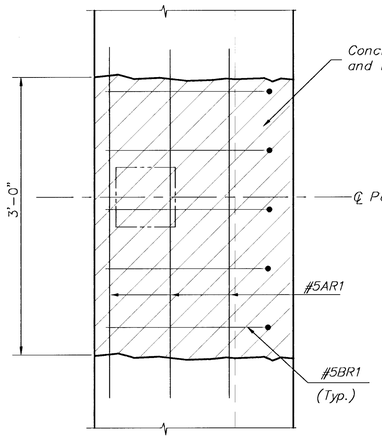
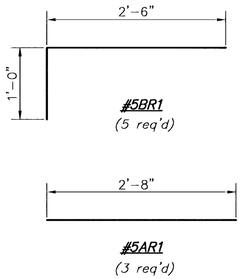
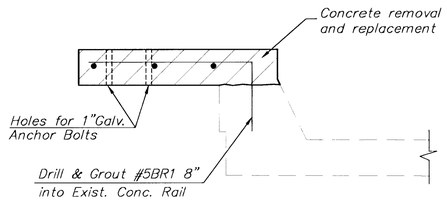


TYPICAL PLAN



BENDING DIAGRAM



TYPICAL SECTION

RAIL REPAIR

NOTE:

1. Reuse existing guard fence post.
2. Provide 1" anchor bolts w/nuts and washers.
3. All material, labor, and equipment for the rail repaid shall be subsidiary to the bid item.

CONSTRUCTION SEQUENCE

1. The Contractor shall remove concrete to the line shown above.
2. Replace concrete and reinforcing as shown.
3. Replace anchor bolts and steel traffic rail bolts as necessary.

SUMMARY OF BRIDGE QUANTITIES

ITEM	QUANTITY	UNITS
Class I Excavation	90	Cu. Yds.
Area Prepared for Patching	200	Sq. Yds.
Area Prepared for Patching (Full Depth)	25	Sq. Yds.
Hydrodemolition & Pavement Replacement	1,436	Sq. Yds.
Class AAA Concrete (AE)	19.2	Cu. Yds.
Reinforcing Steel (Grade 60)(Epoxy Coated)	3,500	Lbs.
Pipe Hanger Assembly	115	Each
Reinforced Steel Repair	1,000	Lbs.
Rail Repair	1	Each
Silica Fume Overlay (1 1/2")	1,436	Sq. Yds.
Bridge Backwall Protection System	56	Sq. Yds.
Abutment Strip Drain	48	Sq. Yds.
Guard Fence	50	Lin. Ft.
Mobilization	1	Lump Sum
Construction Traffic Control	1	Lump Sum

SUMMARY OF ROAD QUANTITIES

ITEM	QUANTITY	UNITS
Clearing and Grubbing	1	Lump Sum
Removal of Existing Structures	1	Lump Sum
Rock Excavation *	72	Cu. Yds.
Conc. Pvmt. (10" Unif.)(AE)	334	Sq. Yds.
Guard Fence	150	Lin. Ft.
Pavement Marking	1	Lump Sum
Seeding, Fertilizing & Mulching	1	Lump Sum
Contractor Construction Staking	1	Lump Sum
Field Office & Lab. (Type A)	1	Each

* Existing pavement to be wasted on sites provided by the Contractor

For Pavement Marking Quantities See Sheet No. 18
For Traffic Control Quantities See Sheet No. 21

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

37TH STREET NORTH BRIDGE
PROJECT NAME

QUANTITY SHEET
SHEET TITLE

KJS	DPG	
DESIGN BY:	DRAWN BY:	CHECKED BY:
APRIL 1998	96082	17 / 23
DATE	JOB NO.	SHEET/ OF

G:\CIVIL\96085\DETAILS\96085SUM Tue May 12 13:41:07 1998 PLOTTED BY DPG