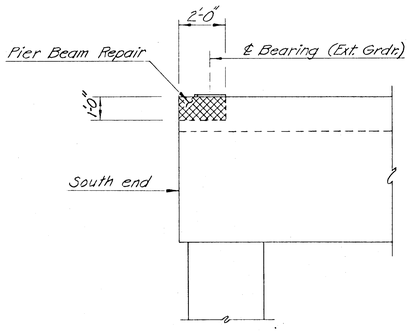
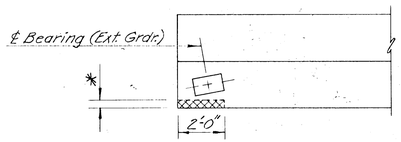
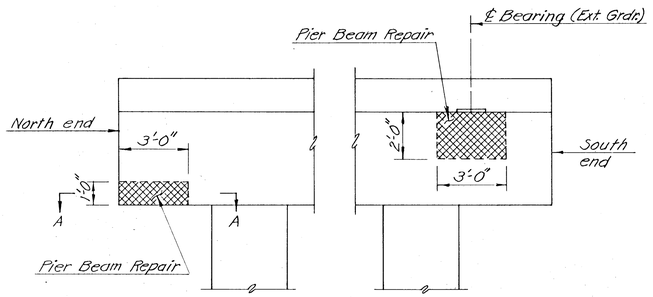
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87-5942(2)	1980	11	32



PART ELEVATION - PIER #9
(looking west)

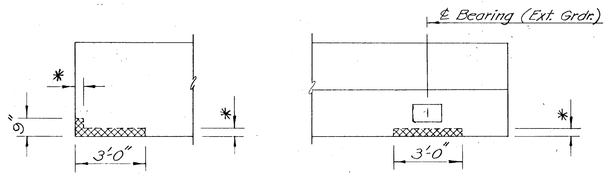


PART PLAN - PIER #9



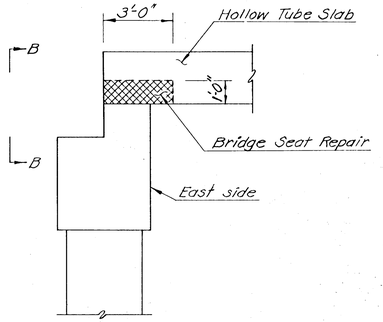
PART ELEVATION
EASTBOUND - PIER #18
(Looking East)

* See Detail 'A'

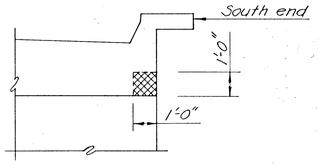


SECTION A-A

PLAN VIEW



ELEVATION - WESTBOUND PIER #16
(Looking North)



VIEW B-B

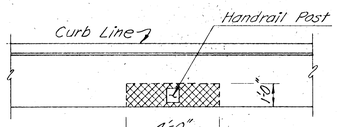
Concrete Removal Area

Note: Dimensions for removal of concrete are shown as a guide. More or less concrete may be removed at the direction of the Engineer. See Detail 'A' for minimum concrete removal.

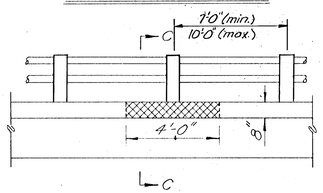
Note: All unsound concrete in the repair area shall be removed and replaced to original dimensions. Class AAA (AE) Concrete shall be used.

Note: Old concrete surfaces upon which new concrete is to be placed shall be painted with epoxy adhesive.

Shotcrete: All repairs shown on this sheet except handrail post base repairs may be made with shotcrete. The min. concrete removal shall be as shown in Detail 'A'. If adjacent reinforcing bars are exposed, all concrete between the bars shall be removed to a line 3/4" behind the exposed reinforcing steel. If shotcrete is used the epoxy bonding agent will not be required. The shotcrete shall comply with the shotcrete portion of Special Provision 13P-284.

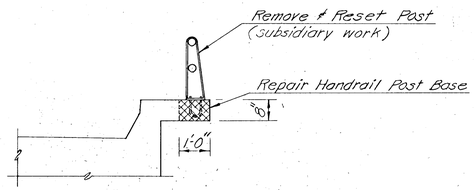


PART PLAN OF PARAPET



PART ELEVATION OF PARAPET

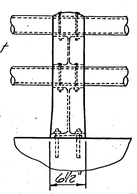
Typical "Repair Handrail Post Base" 10 Repairs Thus - See Construction Layout Sheet for location of repairs.

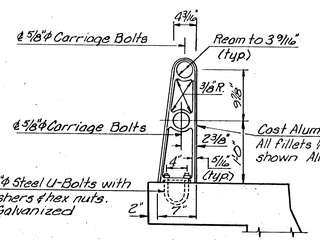


SECTION C-C

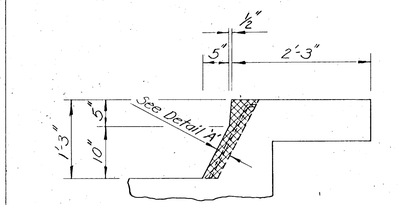
Note: Three aluminum handrail posts are broken and shall be replaced. Two sections of 3½" aluminum rail are missing and shall be replaced. Five sections of rail are bent and shall be straightened or replaced at Contractors option.

See Construction Layout for location of handrail repairs and corresponding bid items.

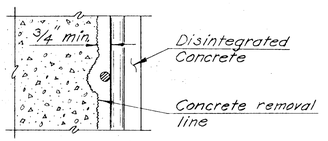




Exist. Aluminum Post Details



TYPICAL "CURB REPAIR"
(See Construction Layout Sheet for Location)



DETAIL 'A'
(Showing minimum depth of concrete removal)

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION
Br. No. 54-87-25.80 Bridge Repair

MISCELLANEOUS REPAIR DETAILS

Proj. No. 54-87-5942(2) Sedgwick Co.

SHEET NO. 11 OF 32	SCALE	APP'D			
DESIGNED RAM	DETAILED RAM	QUANTITIES SGB	TRACED		
DESIGN CK. SGB	DETAIL CK. SGB	QUAN. CK. RAM	TRACE CK.		