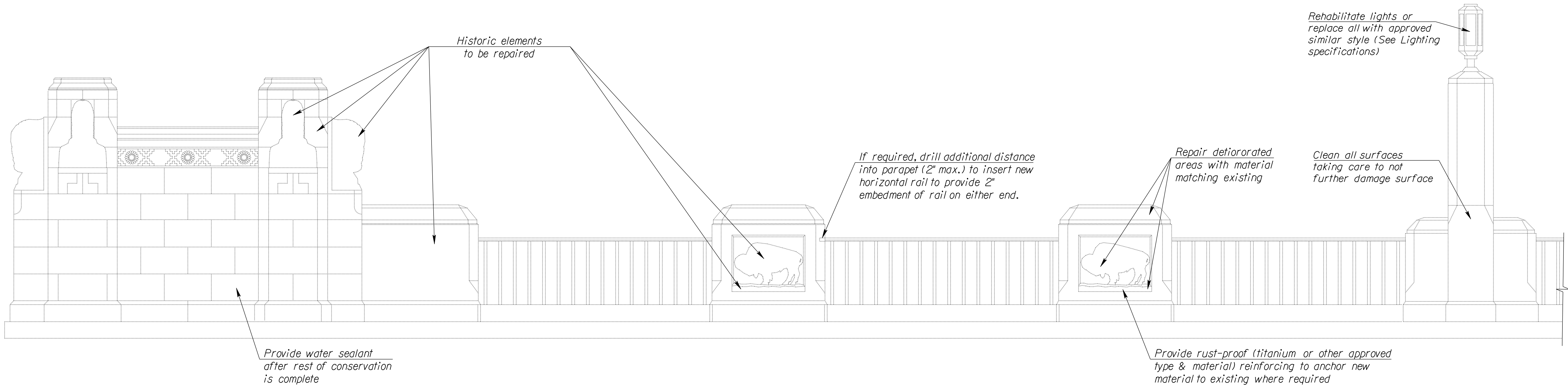


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	TE-0284-01	2007	33	47



DEVELOPED ELEVATION OF AESTHETIC ELEMENTS
Traffic Face Shown

See project Special Provisions for historic element restoration procedure and notes.

Restoration of Aesthetic Handrail Elements
Carefully preserve existing handrail, handrail parapets & abutment wingwall parapets throughout reconstruction of bridge. Rehabilitate artistic elements.

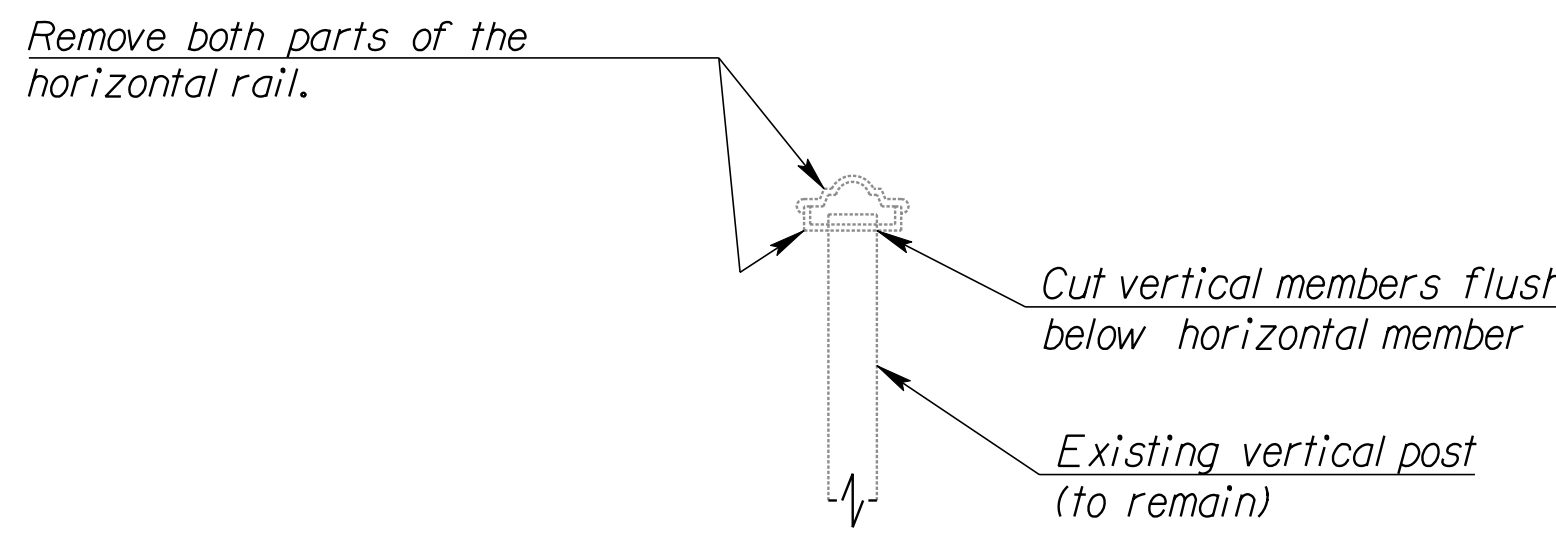
Carefully power wash all concrete which does not have colored ornamental features. Patch this concrete as stated in the specifications. Replace all missing elements with in-kind pieces (same material, aggregate, and sand). Seal cracks. Repaired cracks may need to be resealed.

After completion of all structural and ornamental construction and rehabilitation.

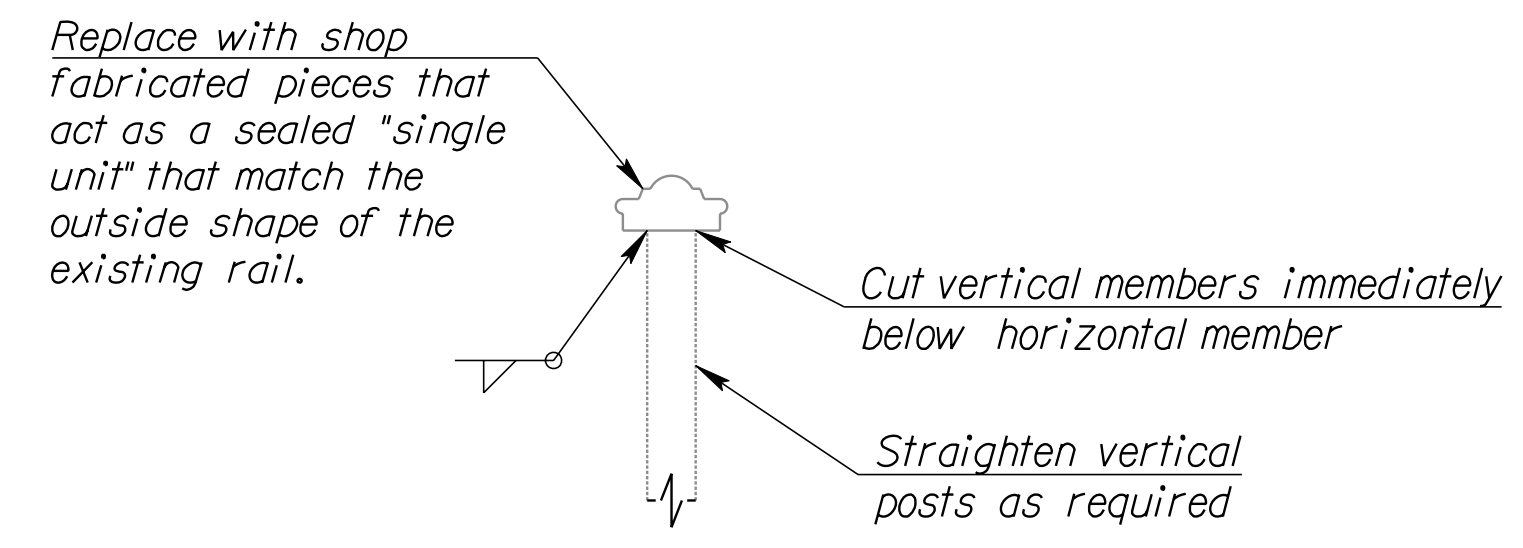
Strip existing paint on metal hand rail (may contain lead). Remove horizontal portion of metal handrail. Straighten any vertical metal post members as required. Remove corrosion from all vertical metal surfaces. Primer coat steel in field. Reattach new horizontal member to vertical members after embedding in concrete parapets. Paint with light green color identical to original. See "General Notes" sheet.

All work to colored ornamental elements of handrail (statues of Native American's and buffalos on abutment wingwall parapets, buffalo/grass/sky relief's on handrail parapets) must be performed by workers experienced in the practice of art restoration. Concrete elements may require desalination (removing salt from concrete using a poultice). Replace damaged green grass under buffalo with aggregate/sand in-kind. Anchor rust-proof (titanium) pins as required into the existing concrete and reinforce with rust-proof (titanium) mesh. After rehabilitation of all colored concrete elements, protect ornamental elements with hydrophobic coating.

Seal copper bridge plate so future staining of concrete masonry blocks below the plate does not occur. Remove discoloration of masonry blocks around jointing. Fill cracks in the buffalo statues. Re-stain repaired black portions of buffalo statues to match original black color.



EXISTING SECTION THRU TOP OF HANDRAIL



PROPOSED SECTION THRU TOP OF HANDRAIL

Remove the horizontal handrail member by cutting the vertical members immediately below. Sandblast remaining vertical members. Straighten or replace as required. Apply primer to existing vertical members. Provide shop drawings of proposed horizontal member piece to Engineer for approval 3 weeks prior to rail fabrication. Engineer must approve shop drawings before any fabrication begins. Shop fabricate and prime coat new "single unit" horizontal members. Embed new "single unit" horizontal rail 2" (each end) in concrete parapets, drilling additional depth into concrete parapet (2" max. one end only) if required. Field weld new horizontal member to vertical posts. Paint all metal rail members to match existing green color. Reapply silicone at embeded ends of rail. All work paid for as "Steel Handrail Repair".

See Sh. #7 for General Notes.

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

13TH STREET BRIDGE OVER
LITTLE ARKANSAS RIVER
**AESTHETIC ELEMENTS
REHABILITATION**

**PB PARSONS
BRINCKERHOFF**
122. Wichita, Kansas

SCALE: _____ DATE: 10/9/2007 DWG NO.: 35750A

K:\35750A\CADD\SHEETS\BRIDGE\13THAESTH.dgn SURV. JG, CP | PLOT CADD | DES. AH | DR. GBI | TR. CKD. BS | APP. RG