



Replace Rail Brackets

BRIDGE HANDRAIL REPAIRS

(Abutment 1, Downstream Side)



Replace Pickets (6)

BRIDGE HANDRAIL REPAIRS

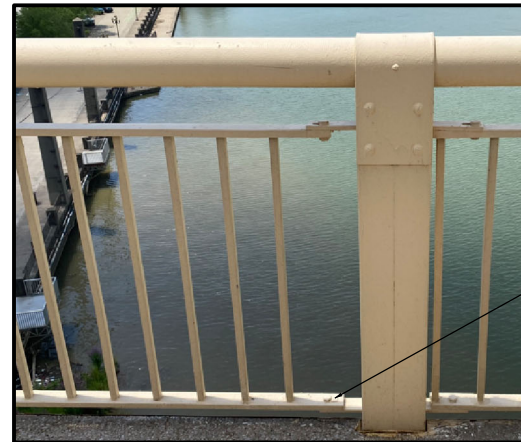
(Span 19 upstream Side)



Replace Pickets (3)

BRIDGE HANDRAIL REPAIRS

(Span 7, Downstream Side)



Replace Picket (1)

BRIDGE HANDRAIL REPAIRS

(Span 16, Downstream Side)

Note: See Special Notes

BRIDGE NO.
056B00136N



BRIDGE HANDRAIL REPAIRS

(Pier 4, Downstream Side)



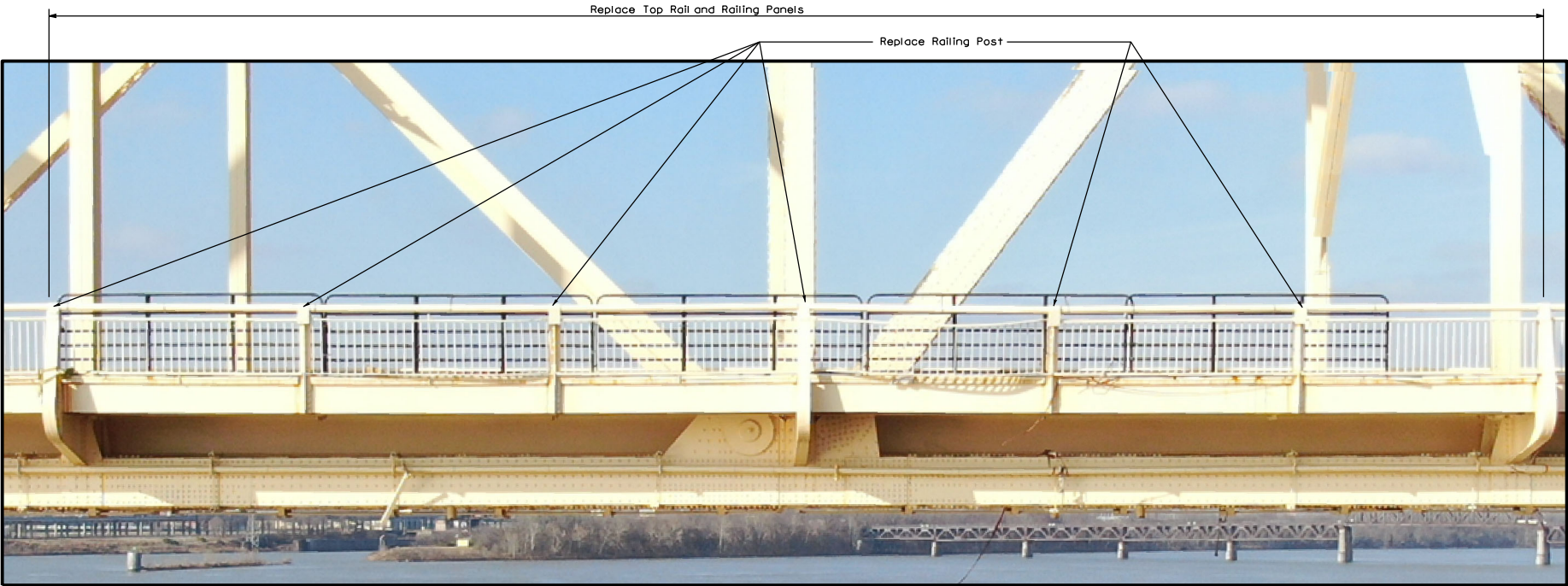
BRIDGE HANDRAIL REPAIRS

(Pier 7, Upstream Side)

Commonwealth of Kentucky
 DEPARTMENT OF HIGHWAYS
JEFFERSON
 BRIDGE HANDRAIL REPAIR
Prepared by
 Division of Maintenance
 Bridge Preservation Branch

Note: See Special Notes

BRIDGE NO.
 056B00136N



BRIDGE HANDRAIL REPAIRS
(Span 18, Upstream Side)

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
JEFFERSON
BRIDGE HANDRAIL REPAIR
Division of Maintenance
Bridge Preservation Branch

Note: See Special Notes

BRIDGE NO.
056B00136N



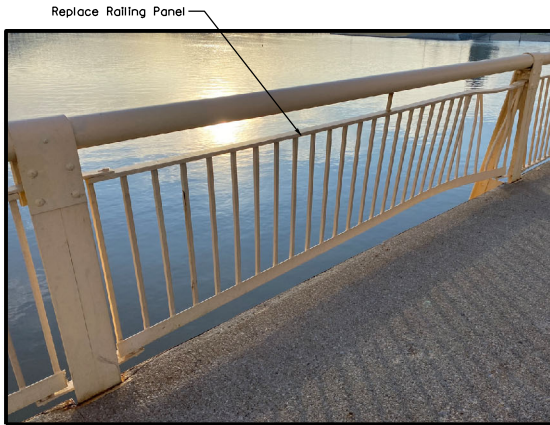
BRIDGE HANDRAIL REPAIRS

(Span 20, Downstream Side)

Commonwealth of Kentucky
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JEFFERSON
BRIDGE HANDRAIL REPAIR
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Note: See Special Notes

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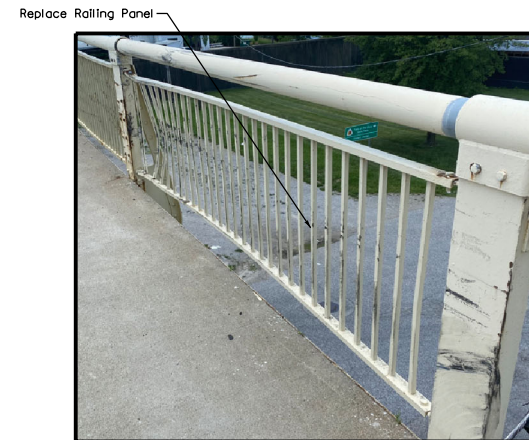
BRIDGE HANDRAIL REPAIRS
(Span 20, Upstream Side)



BRIDGE HANDRAIL REPAIRS
(Span 26, Upstream Side)



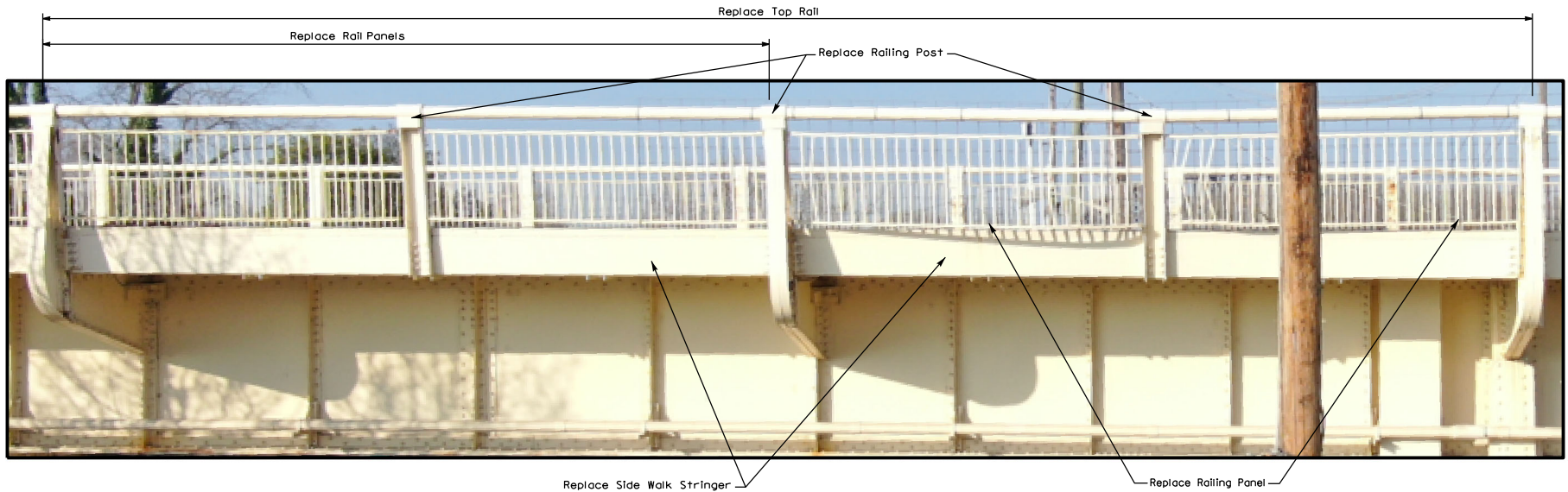
BRIDGE HANDRAIL REPAIRS
(Span 27, Downstream Side)



BRIDGE HANDRAIL REPAIRS
(Span 26, Downstream Side)

Note: See Special Notes

BRIDGE NO.
056B00136N



BRIDGE HANDRAIL REPAIRS

(Span 27, Upstream Side)



BRIDGE HANDRAIL REPAIRS

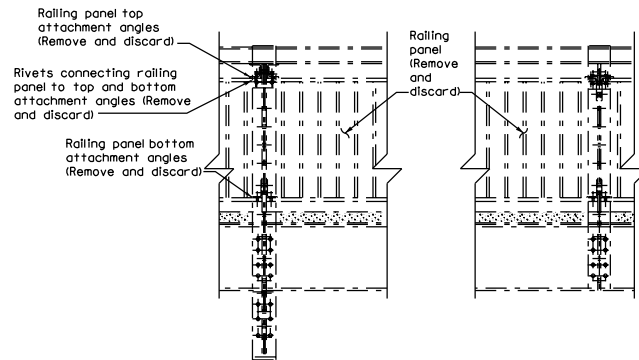
(Span 27 & 28, Downstream Side)

Commonwealth of Kentucky
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JEFFERSON
BRIDGE HANDRAIL REPAIR
Prepared by
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Note: See Special Notes

BRIDGE NO.
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	Abutment 1 Upstream	Span 7 Downstream	Span 16: 9-10 Downstream	Span 18: 35-37 Upstream	Pier 4 Upstream	Span 19: 56-57 Upstream	Span 20: 66-67 Upstream	Span 20: 78-79 Downstream	Pier 7 Upstream	Span 26 Upstream	Spans 27-28 Upstream	Downstream	
MAINTAIN & CONTROL TRAFFIC													
STEEL REPAIR TOP RAIL REPLACEMENT				2	1			1	1	2	2	2	11
STEEL REPAIR RAILING PANEL REPLACEMENT				2			1	3		1	2	2	11
STEEL REPAIR RAILING PANEL CONNECTION REPLACEMENT	2												2
STEEL REPAIR RAILING POST REPLACEMENT				7				2		1	4	3	17
STEEL REPAIR SIDEWALK FASCIA STRINGER REPLACEMENT				2						1	2	2	7
STEEL REPAIR PICKET REPLACEMENT		3	1			6							10



Railing posts at floorbeams

Intermediate railing posts

RAILING PANEL REMOVAL (Existing)

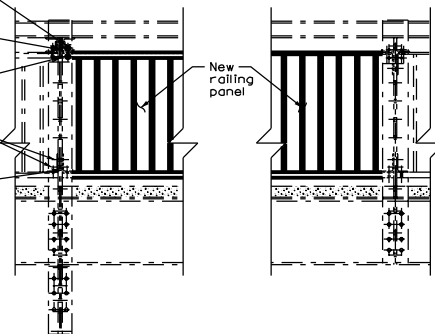
Install $\frac{1}{4}$ " dia. round head A325 bolts in rail cap at floorbeams and $\frac{1}{2}$ " dia. round head A325 bolts at intermediate posts

Install L3x3x $\frac{3}{8}$ " top connection angles 2' long each end of panel

Install $\frac{1}{2}$ " dia. A325 bolts in horizontal leg of top and bottom connection angles

Install $\frac{1}{2}$ " dia. A325 bolts in vertical legs of top and bottom connection angles.

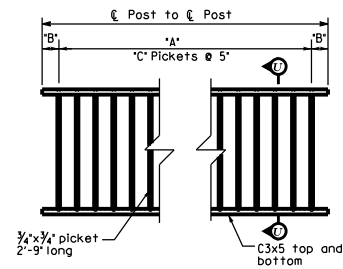
Install L5x3x $\frac{3}{8}$ " bottom connection angles 2' long each end of panel



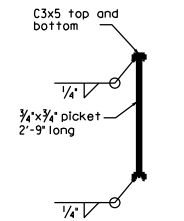
Railing posts at floorbeams

Intermediate railing posts

BRIDGE HANDRAIL REPAIRS (Proposed)



REPLACEMENT RAILING PANEL



SECTION U-U

RAILING PANEL DIMENSIONS				
SPAN	PANEL LENGTH	A	B	C
20	12'-6 $\pm$ "	11'-8"	5" $\pm$	29
26	11'-5 $\pm$ "	10'-5"	5" $\pm$	26
18 & 27	12'-11" $\pm$	11'-3"	5" $\pm$	28

NOTES:

- 1) The conditions depicted represent typical details from the original construction. Many of the railing panels have been repaired or replaced. The Contractor is responsible for verifying current conditions repair location. No materials shall be ordered or pieces fabricated until dimensions and conditions are field verified.
- 2) Extend railing pickets through the bottom railing panel channel a sufficient distance to properly weld the pickets to the underside of the channel web.

Note: See Special Notes

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