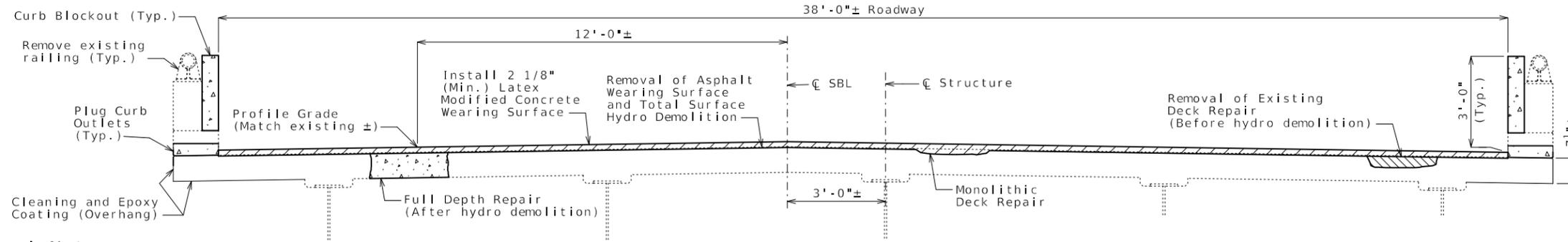


U.I.P. AND REHABILITATE EXISTING (60'-75'-90'-75'-60') CONTINUOUS COMPOSITE PLATE GIRDER SPANS (SKEW: 20° LA)



TYPICAL SECTION THRU EXISTING DECK

General Notes:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:
HS20-44 (1965 and New Construction)

Design Unit Stresses:
Class B-1 Concrete (Curb Blockout) f'c = 4,000 psi
Class B-2 Concrete (Superstructure & Full Depth Repair) f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi
Structural Carbon Steel (ASTM A709 Grade 36) fy = 36,000 psi

Fabricated Steel Connections:
Field connections shall be made with 3/4-inch diameter ASTM F3125 Grade A325 Type 1 bolts and 13/16-inch diameter holes, except as noted.

Neoprene Pads:
Neoprene bearing pads shall be 60 durometer and shall be in accordance with Sec 716.

Joint Filler:
All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Reinforcing Steel:
Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Traffic Handling:
Structure to be closed during construction. See roadway plans for traffic control.

Structural Steel Protective Coatings:
Protective Coating: System G in accordance with Sec 1081.

Protective Coating Limits: The surface of all existing structural steel within a distance of not less than 10 feet from the end of beam at End Bents No. 1 & 6 shall be recoated. Within these limits, items to be recoated shall include beams, diaphragms, stiffeners, bearings, and miscellaneous structural steel items.

Surface Preparation: Surface preparation of the existing steel shall be in accordance with Sec 1081 for Recoating of Structural Steel (System G) with inorganic zinc primer. The cost of surface preparation will be considered completely covered by the contract unit price per sq. foot for Surface Preparation for Recoating Structural Steel.

Prime Coat: The cost of the prime coat will be considered completely covered by the contract unit price per sq. foot for Field Application of Inorganic Zinc Primer.

Field Coat(s): The color of the field coat(s) shall be Gray (Federal Standard #26373). The cost of the intermediate field coat will be considered completely covered by the contract unit price per sq. foot for Intermediate Field Coat (System G). The cost of the finish field coat will be considered completely covered by the contract unit price per sq. foot for Finish Field Coat (System G).

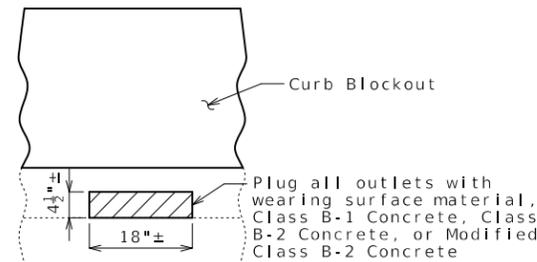
Concrete Protective Coatings:
Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:
Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.



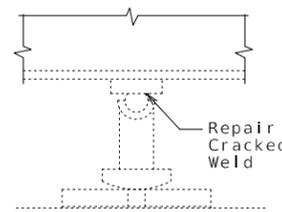
PART ELEVATION SHOWING PLUGGING OF CURB OUTLETS

New 2 1/8" Latex Modified Concrete Wearing Surface not shown for clarity.

Notes:

Cost of labor and materials required to plug existing curb outlets will be considered completely covered by the contract unit price for Plugging Existing Curb Outlets.

Estimated material required to fill all curb outlets is 2.8 cubic yards (for information only).



PART ELEVATION SHOWING WELD REPAIR AT BEARING NO. 4 AT INTERMEDIATE BENT NO. 2

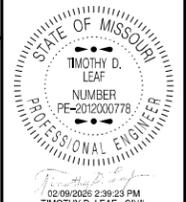
Cost of performing weld repairs will be considered completely covered by the contract unit price for Miscellaneous Weld Repairs.

unit

Estimated Quantities		
Item		Total
Removal of Miscellaneous ACM (Non-Friable)	sq. foot	34
Total Surface Hydro Demolition	sq. yard	1496
Removal of Asphalt Wearing Surface	sq. foot	13,466
Removal of Existing Deck Repair	sq. foot	300
Removal of Existing Expansion Joint & Adjacent Concrete	linear foot	87
Removal of Existing Bearings and Anchor Bolts	each	10
Removal of End Diaphragms and Bearing Stiffeners	each	4
Remove and Replace Barrier	linear foot	19
Bridge Approach Slab (Major)	sq. yard	171
Supplementary Wearing Surface Material	cu. yard	20
Latex Modified Concrete Wearing Surface	sq. yard	1501
Diamond Grinding	sq. yard	1501
Class B-2 Concrete	cu. yard	10.7
Curb Blockout	linear foot	771
Substructure Repair (Formed)	sq. foot	30
Full Depth Repair	sq. foot	100
Cleaning and Epoxy Coating	sq. foot	2540
Reinforcing Steel (Epoxy Coated)	pound	780
Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
Fabricated Structural Carbon Steel (Misc.)	pound	2000
Surface Preparation for Recoating Structural Steel	sq. foot	1100
Field Application of Inorganic Zinc Primer	sq. foot	1100
Intermediate Field Coat (System G)	sq. foot	200
Finish Field Coat (System G)	sq. foot	200
Miscellaneous Weld Repairs	each, lump sum	81
Plugging Existing Curb Outlets	each	88
Cored Slab Drains	each	60
Vertical Drain at End Bents	each	2
Laminated Neoprene Bearing Pad Assembly	each	10
Strip Seal Expansion Joint System	linear foot	81

* Supplementary wearing surface material for monolithic deck repair will be paid for at the fixed unit price in accordance with Sec 109.

** For locations of bearing stiffeners to be removed and replaced, see Sheet No. 8.



DATE PREPARED
2/9/2026

ROUTE
I-49

DISTRICT
BR

COUNTY
VERNON

JOB NO.
JSR0274

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A26291

DATE	DESCRIPTION



