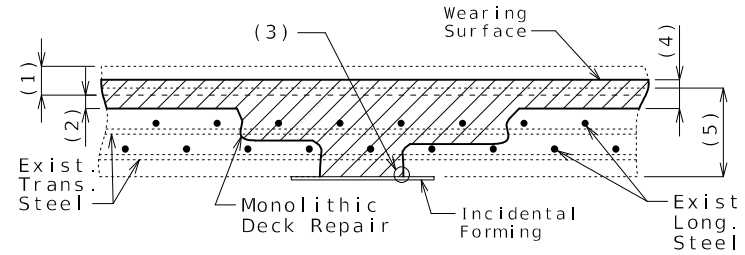
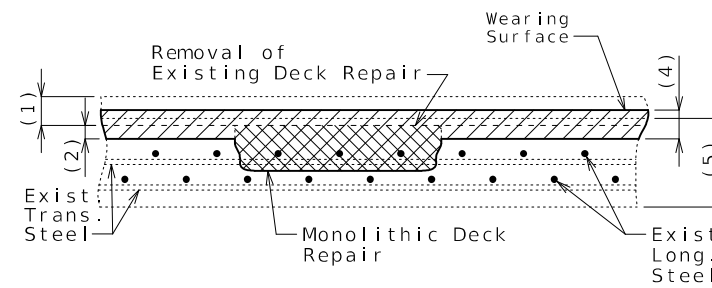


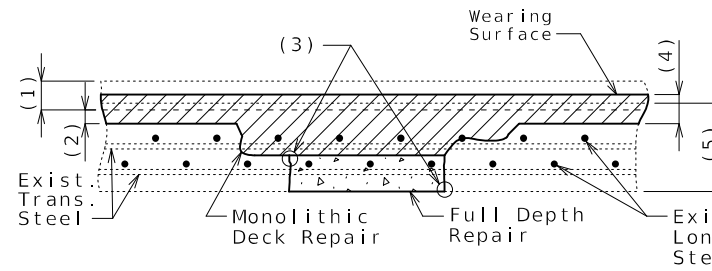
MONOLITHIC DECK REPAIR



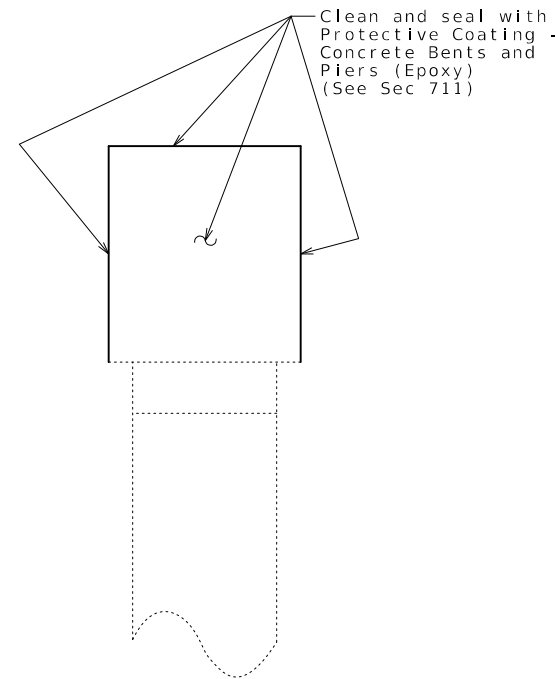
MONOLITHIC DECK REPAIR
REQUIRING INCIDENTAL FORMING



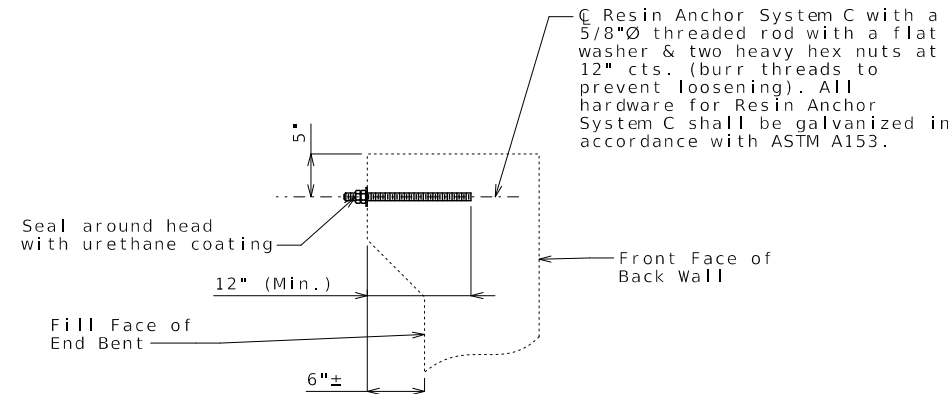
REMOVAL OF EXISTING DECK
REPAIR BEFORE HYDRO DEMOLITION



MONOLITHIC DECK REPAIR
REQUIRING FULL DEPTH REPAIR



PART SECTION THRU EXISTING BEAM SHOWING
PROTECTIVE COATING LIMITS
(INT. BENTS NO. 2, 3, & 4)



DETAILS OF RESIN ANCHOR SYSTEM
AT END BENTS NO. 1 & 4

System C
(54 total req'd.)

Notes:

The cost of applying protective coating to Intermediate Bents No. 2, 3, & 4 will be covered by the contract lump sum price for Protective Coating - Concrete Bents & Piers (Epoxy).

Cost of any required excavation for bridge will be considered completely covered by the contract unit price for other items.

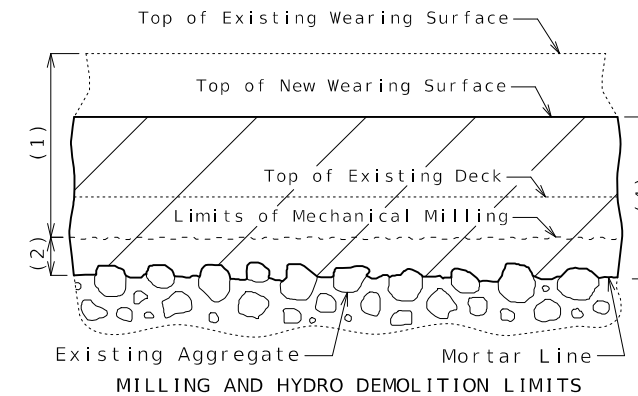
Resin Anchor System:

The contractor shall use one the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Major).

The minimum embedment depth in concrete with $f'c = 4,000$ psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 12".

3 ADDED

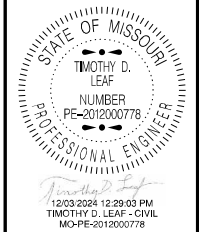


MILLING AND HYDRO DEMOLITION LIMITS

DETAIL A

- (1) Removal of existing wearing surface plus 1/2" thickness (min.) of existing bridge deck.
- (2) 1/2" minimum total surface hydro demolition of sound concrete, measured to mortar line.
- (3) 1" vertical side shall be established outside the deteriorated area.
- (4) 1 3/4" minimum latex modified concrete wearing surface
- (5) Original depth of deck plus wearing surface

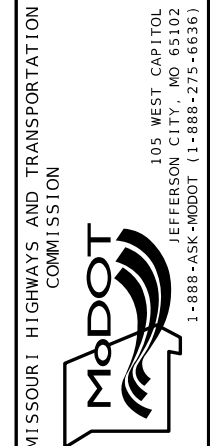
3 REVISED

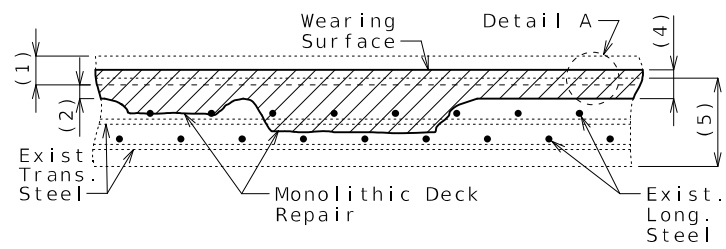


DATE PREPARED
12/3/2024

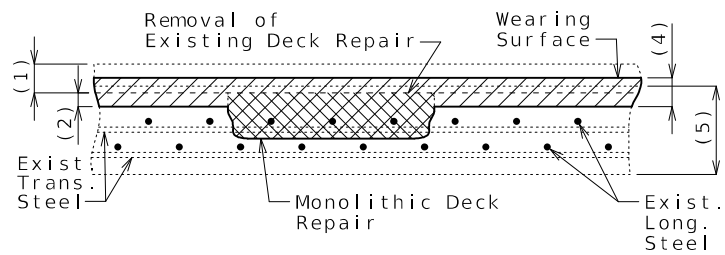
ROUTE I-29	STATE MO
DISTRICT BR	SHEET NO. 2
COUNTY ANDREW	
JOB NO. J113262	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. A12902	

DATE	DESCRIPTION

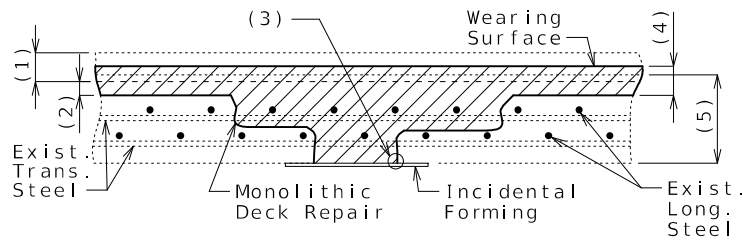




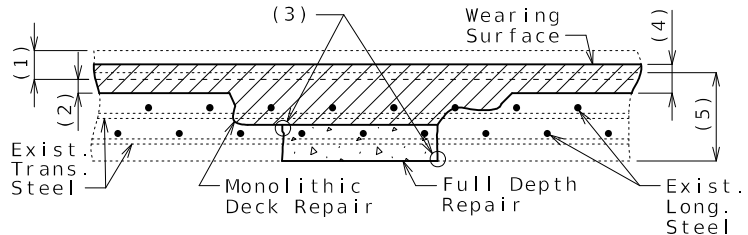
MONOLITHIC DECK REPAIR



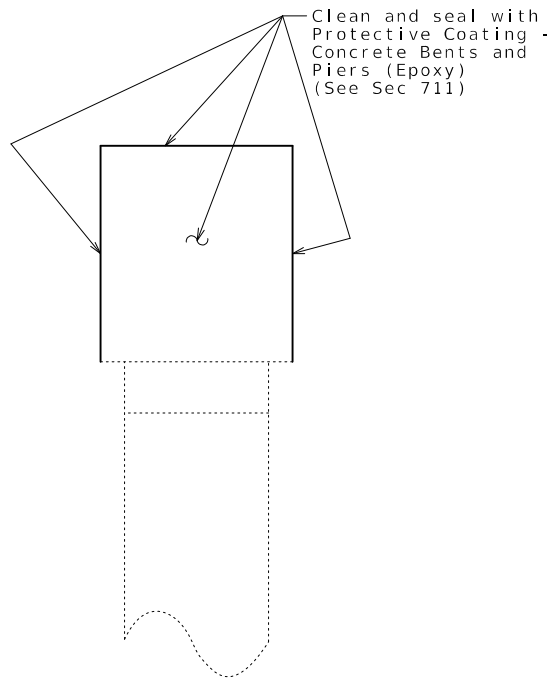
REMOVAL OF EXISTING DECK REPAIR BEFORE HYDRO DEMOLITION



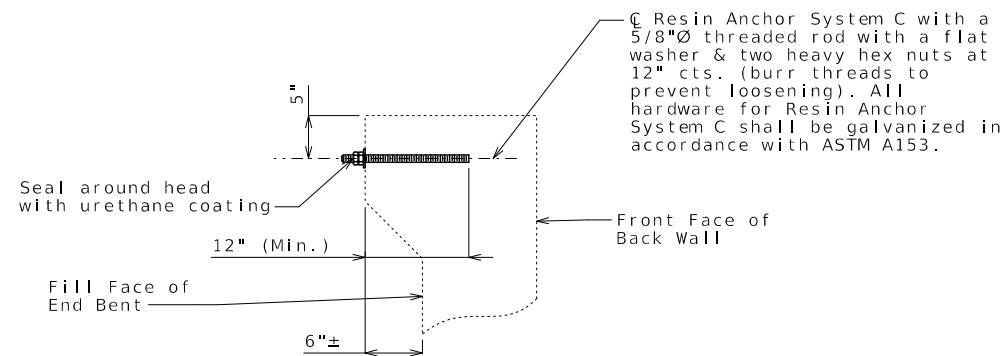
MONOLITHIC DECK REPAIR REQUIRING INCIDENTAL FORMING



MONOLITHIC DECK REPAIR REQUIRING FULL DEPTH REPAIR



PART SECTION THRU EXISTING BEAM SHOWING PROTECTIVE COATING LIMITS (INT. BENTS NO. 2, 3, & 4)



DETAILS OF RESIN ANCHOR SYSTEM AT END BENTS NO. 1 & 4

System C (54 total req'd.)

Notes:

The cost of applying protective coating to Intermediate Bents No. 2, 3, & 4 will be covered by the contract lump sum price for Protective Coating - Concrete Bents & Piers (Epoxy).

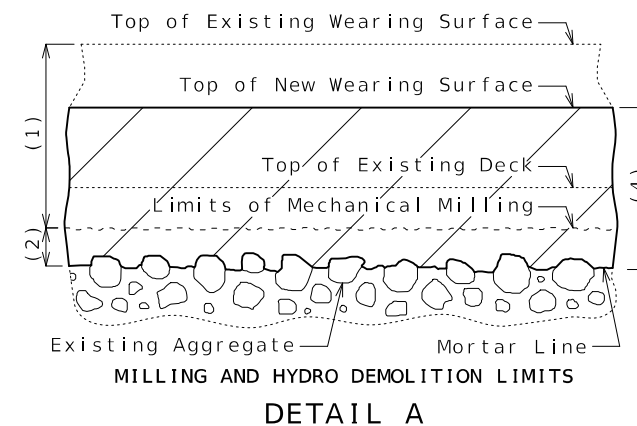
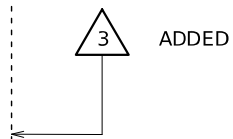
Cost of any required excavation for bridge will be considered completely covered by the contract unit price for other items.

Resin Anchor System:

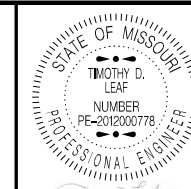
The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Major).

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 12".



- (1) Removal of existing wearing surface plus 1/2" thickness (min.) of existing bridge deck.
- (2) 1/2" minimum total surface hydro demolition of sound concrete, measured to mortar line
- (3) 1" vertical side shall be established outside the deteriorated area.
- (4) 1 3/4" minimum latex modified concrete wearing surface
- (5) Original depth of deck plus wearing surface



DATE PREPARED
12/3/2024

ROUTE 1-29	STATE MO
DISTRICT BR	SHEET NO. 2

COUNTY
ANDREW

JOB NO.
J113262

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A12903

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)