



- LEGEND:**
- INDICATES PORTIONS OF STRUCTURE TO BE REMOVED PER ITEM 202 - PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN
  - INDICATES EXISTING APPROACH SLAB REMOVED PER ITEM 202 - APPROACH SLAB REMOVED
  - INDICATES EXISTING WEARING SURFACE TO BE REMOVED PER ITEM 202 - WEARING COURSE REMOVED
- \* - CUT ALL EXISTING REINFORCING STEEL FLUSH WITH TOP OF CONCRETE
- NOTES:**
- EXISTING END AND INTERMEDIATE CROSSFRAMES TO BE REMOVED AS SHOWN. WELDS SHALL BE REMOVED AND GROUND FLUSH DURING REMOVAL. PAYMENT INCLUDED WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.
  - SEE GENERAL NOTES SHEET [S.02 / 21] FOR DECK REMOVAL REQUIREMENTS OVER THE EXISTING BEAMS.
  - STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 50.
  - LENGTH OF REPAIR SHOWN IS THE MINIMUM LENGTH REQUIRED. CONTRACTOR SHALL EXTEND REPAIR LENGTH, AS DIRECTED BY THE ENGINEER, TO ENSURE SOUND WELD CONNECTION IS ACHIEVED.
  - AN ALTERNATIVE TO THE W30x108 SECTION SHALL BE A BUILT-UP MEMBER CONSISTING OF THE FOLLOWING MINIMUM PROPORTIONS: WEB = 9/16" THICK, FLANGE = 3/4" THICK x 10 1/2" WIDE, WEB TO FLANGE CONNECTION SHALL BE MADE BY 5/16" MINIMUM FILLET WELD ON EACH SIDE.
  - COMPLETE PENETRATION WELDS SHALL BE INSPECTED USING MAGNETIC PARTICLE INSPECTION IN ACCORDANCE WITH C&MS 513 OR AS DIRECTED BY THE ENGINEER.
  - THE NEW SECTION OF STEEL SHALL BE PAINTED WITH A PRIME COAT PER C&MS 514 AND PAID FOR UNDER ITEM 514, FIELD PAINTING, MISC.: COATING OF BEAM ENDS.
  - CONTRACTOR TO DRILL 2" Ø HOLES IN BEAM WEB. INCLUDE WITH ITEM 513 - STRUCTURAL STEEL MISC. DRILLED HOLES FOR PAYMENT. SEE SHEET [S.10 / 21] FOR ADDITIONAL DIMENSIONS AND LOCATION OF HOLES TO BE DRILLED.

REPAIR AND REMOVAL DETAILS  
BRIDGE NO. MAR-00746-09.050  
OVER OLENTANGY RIVER

SFN	5103932
DESIGN AGENCY	
<b>fishbeck</b>	
DESIGNER	CHECKER
BMG	TLC
REVIEWER	
RSB	04/14/25
PROJECT ID	119273
SUBSET	TOTAL
S.07	21
SHEET	TOTAL
P.26	40