

STATE PROJECT NUMBER

5730-00-60

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HS20 INVENTORY RATING FACTOR: OPERATING RATING FACTOR:

WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): KIPS

TRAFFIC DATA:

A.D.T. (2021) = 1,200 A.D.T. (2041) = 1,300 R.D.S. = 55 MPH

MATERIAL PROPERTIES:

CONCRETE MASONRY - DECK REPAIR - f'c = 4,000 P.S.I. CONCRETE MASONRY BRIDGES - f'c = 4,000 P.S.I.

LIST OF DRAWINGS

1. OVERLAY PLAN 2. CROSS SECTION, QUANTITIES, NOTES & DETAILS

LEGEND

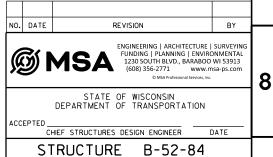
— INDICATES WING NUMBER.

→ INDICATES LOCATION OF PROVISION FOR THRIE BEAMGUARD ATTACHMENT

- REMOVE SEDIMENT BUILD-UP PRESENT IN THE CHANNEL UNDER THE BRIDGE AND BETWEEN THE ABUTMENT WINGS. WORK COVERED UNDER "EXCAVATION FOR STRUCTURES BRIDGES B-52-84".

CONSULTANT DESIGN CONTACT: (608) 355-8852

BRIDGE OFFICE CONTACT: WILLIAM DREHER (608) 266-8489



STH 56 OVER UPPER CAMP CREEK

TOWN/CITY/VILLAGE FOREST RICHLAND DESIGN SPEC. REHABILITATION - N/A

DESIGNED
BY XXX CK'D. XXX BY CAR CK'D.

OVERLAY PLAN

SHEET 1 OF

5730-00-60

TOTAL ESTIMATED QUANTITIES

	ITEM NUMBER	BID ITEM	UNIT	TOTAL
	206.1000.01	EXCAVATION FOR STRUCTURES BRIDGES B-52-84	LS	
*	509.0301	PREPARATION DECKS TYPE 1	SY	
*	509.0302	PREPARATION DECKS TYPE 2	SY	
	509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF	
*	509.1500	CONCRETE SURFACE REPAIR	SF	
*	509.2000	FULL-DEPTH DECK REPAIR	SY	
	509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	
	509.5100.S	POLYMER OVERLAY	SY	
:	SPV.0090.02	REMOVE AND REPLACE STEEL THRIE RAILING ON EXISTING POSTS B-52-84	LF	

* - THE CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION OF ALL CONCRETE DECK REPAIR AND CONCRETE SURFACE REPAIR LOCATIONS WITH THE ENGINEER.

NOTES

DRAWINGS SHALL NOT BE SCALED.

SEE ROAD PLANS FOR TRAFFIC CONTROL.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

THIS PROJECT WILL REHABILITATE THE EXISTING STRUCTURE, B-52-84, A SINGLE SPAN, 44.1 LONG, FLAT CONCRETE SLAB BRIDGE SET ON CONCRETE SILL ABUTMENTS.

IMPROVEMENTS INCLUDE A POLYMER OVERLAY OF THE BRIDGE DECK, CONCRETE DECK REPAIRS, AND CONCRETE SURFACE REPAIRS TO THE NORTH EDGE OF THE SLAB AND ABUTMENTS.

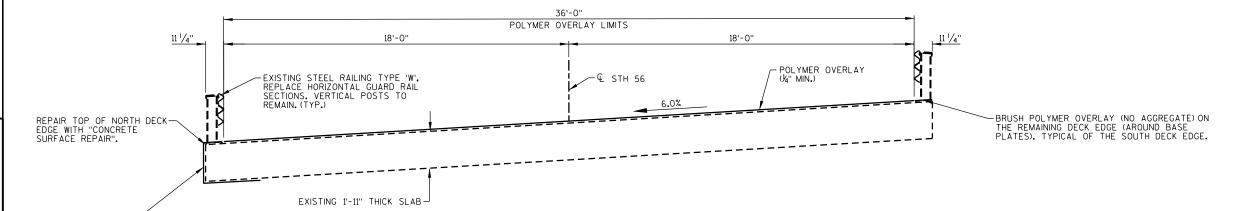
DECK SURFACE PREPARATION IS INCLUDED IN THE ITEM "POLYMER OVERLAY".

AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAW CUT.

PREPARATION DECKS TYPE 1, PREPARATION DECKS TYPE 2, AND FULL-DEPTH REPAIR AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY DECK REPAIR".

BRUSH TWO LAYERS OF POLYMER OVERLAY (NO AGGREGATE) ON THE REMAINING NORTH AND SOUTH DECK EDGE (AROUND BASE PLATES), ON THE NORTH DECK EDGE SIDE FACE, AND ON THE FIRST 3'-O" OF THE BOTTOM OF THE NORTH DECK EDGE. WORK TO COMPLETE IS INCLUDED IN THE ITEM "POLYMER OVERLAY".

"CONCRETE SURFACE REPAIR" REQUIRED ON THE NORTH EDGE OF THE DECK, THE NORTH END OF BOTH ABUTMENTS AT THE JOINT WITH THE DECK HAUNCH AND AS REQUIRED BY THE ENGINEER.



BRUSH POLYMER OVERLAY (NO AGGREGATE) ON THE REMAINING DECK EDGE (AROUND BASE PLATES), ON THE DECK SIDE FACE, AND ON THE FIRST 3'-O" OF THE BOTTOM OF THE DECK. TYPICAL OF THE NORTH DECK EDGE.

CROSS SECTION THRU BRIDGE

(LOOKING EAST)

NO. DATE REVISION BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE

B-52-84

DRAWN CAR PLANS CKD. JRS

CROSS SECTION, QUANTITIES, NOTES & DETAILS

ECTION, SHEET 2 OF 2
AILS

LE= 93452_B-52 ATE=1/9/2019

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