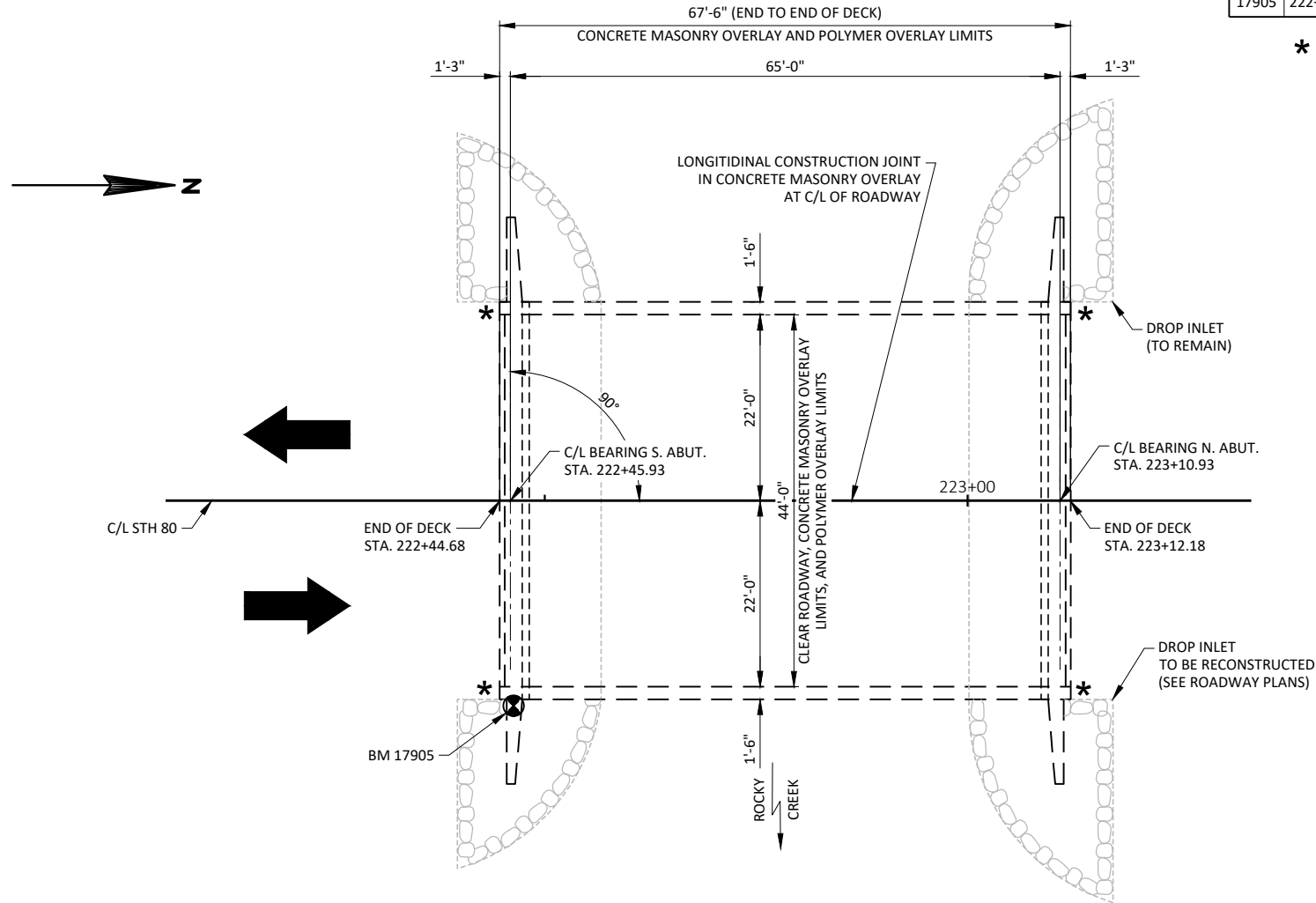


CROSS-SECTION THROUGH ROADWAY  
LOOKING NORTH

BENCH MARKS

NO.	STA.	DESCRIPTION	ELEV.
17905	222+45.57	DISK IN CONCRETE, 24.8' RT.	1096.65

★ THRIE BEAM RAIL ATTACHMENT



PLAN B-71-79

SINGLE SPAN 45-INCH PRESTRESSED GIRDER STRUCTURE

DESIGN DATA

LIVE LOAD:

DESIGN LOADING	HS-20
INVENTORY RATING FACTOR	HS
OPERATING RATING FACTOR	HS
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV)	190 KIPS

MATERIAL PROPERTIES:

CONCRETE MASONRY, OVERLAY DECKS	f'c = 4,000 P.S.I.
ALL OTHER	f'c = 3,500 P.S.I.
HIGH-STRENGTH BAR STEEL REINFORCEMENT, GRADE 60	fy = 60,000 P.S.I.

TRAFFIC DATA

A.D.T. (2019)	2,350
A.D.T. (2039)	2,350
DESIGN SPEED	55 M.P.H.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ON THE PLANS ARE BASED ON THE ORIGINAL STRUCTURE PLANS, INSPECTION REPORTS, AND FIELD SURVEY.

A MINIMUM OF 1" OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM "CLEANING DECKS".

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY AT ABUTMENTS IS INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

PROFILE GRADE LINE SHALL BE DETERMINED BASED ON A MINIMUM CONCRETE OVERLAY THICKNESS OF 1½" PLACED ABOVE THE CONCRETE DECK SURFACE AFTER CLEANING. EXPECTED AVERAGE CONCRETE OVERLAY THICKNESS IS 1½". IF THE EXPECTED AVERAGE CONCRETE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½" CONTACT THE BRIDGE DESIGN SECTION.

PREPARATION DECKS TYPE 1, PREPARATION DECKS TYPE 2, AND FULL DEPTH DECK REPAIR AREAS SHALL BE DETERMINED BY ENGINEER IN FIELD, AND SHALL BE FILLED WITH " CONCRETE MASONRY OVERLAY DECKS."

ALL CONCRETE REMOVAL NOT COVERED WITH A CONCRETE OVERLAY SHALL BE DEFINED BY A 1" DEEP SAWCUT

TOP OF EXISTING CONCRETE DECK ELEVATIONS SHALL BE DETERMINED FROM A FIELD SURVEY AT LOCATIONS DEEMED NECESSARY FOR ESTABLISHING OVERLAY THICKNESS FOR ACCURATE RATINGS AND POINT OF MINIMUM THICKNESS.

LIST OF DRAWINGS

GENERAL PLAN 1.

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTALS
502.3200	PROTECTIVE SURFACE TREATMENT	SY	--
509.0301	PREPARATION DECKS TYPE 1	SY	--
509.0302	PREPARATION DECKS TYPE 2	SY	--
509.0500	CLEANING DECKS	SY	--
509.1500	CONCRETE SURFACE REPAIR	SY	--
509.2000	FULL-DEPTH DECK REPAIR	SY	--
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	--
509.5100.S	POLYMER OVERLAY	SY	--

NO.	DATE	REVISION	BY
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**JEWELL**  
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STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

ACCEPTED \_\_\_\_\_ DATE \_\_\_\_\_  
CHIEF STRUCTURES DESIGN ENGINEER

STRUCTURE B-71-79

STH 80 OVER ROCKY CREEK

COUNTY WOOD TOWN/CITY/VILLAGE WOOD

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY \_\_\_\_\_ DESIGN CK'D. \_\_\_\_\_ DRAWN BY RBH PLANS CK'D. PTB

GENERAL PLAN

SHEET 1 OF 1