

DESIGN DATA

LIVE LOAD  
DESIGN LOADING: HL-93  
INVENTORY RATING FACTOR: X.XX  
OPERATING RATING FACTOR: X.XX  
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): XXX KIPS

TRAFFIC DATA

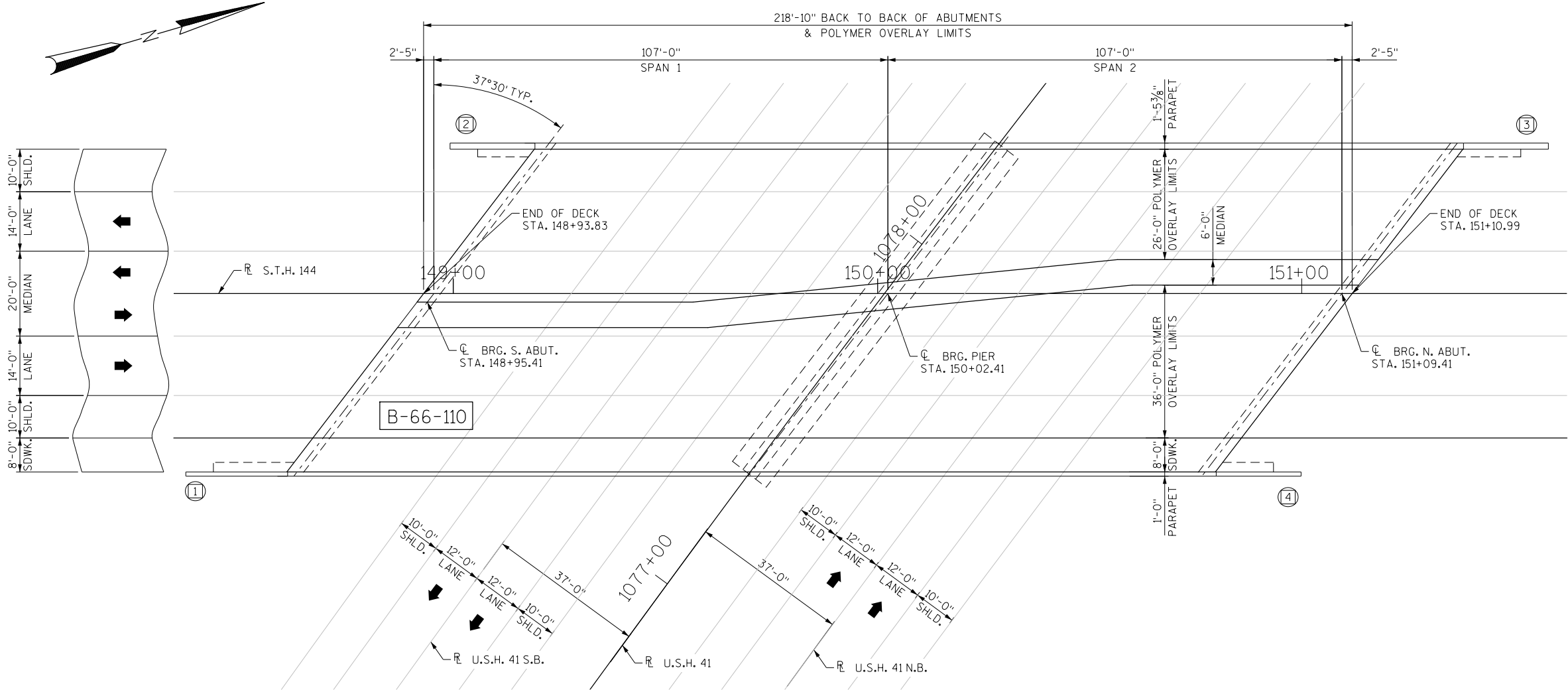
S.T.H. 44 | I.H. 41  
A.D.T. = 5,170 (2021) | A.D.T. = 31,480 (2021)  
A.D.T. = 5,670 (2041) | A.D.T. = 35,290 (2041)  
R.D.S. = 40 M.P.H. | R.D.S. = 70 M.P.H.

LIST OF DRAWINGS

1. GENERAL PLAN  
2. TYPICAL SECTION

LEGEND

- (X) INDICATES WINGWALL NUMBER  
\* MEASURED TANGENT TO R AT INTERSECTION POINT  
☆ BRIDGE DECK REPAIR AT CORNERS OF BRIDGE INCLUDED IN BID ITEM "PREPARATION DECKS TYPE 1"



PLAN

POLYMER OVERLAY FOR 2-SPAN 54W" PRESTRESSED GIRDERS

GENERAL NOTES

- DRAWINGS SHALL NOT BE SCALED.
- DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.
- ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.  
ALL STATIONS AND ELEVATIONS ARE IN FEET.
- DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".
- THE CONTRACTOR SHALL DETERMINE REQUIRED CONSTRUCTION STAGING ON THE STRUCTURE TO ACCOMPLISH APPLICATION OF THE POLYMER OVERLAY INCLUDING LOCATION OF POLYMER OVERLAY CONSTRUCTION JOINTS BETWEEN STAGES AS PERMITTED BY THE CONTRACT AND AS APPROVED BY THE ENGINEER. SEE ROADWAY PLANS AND SPECIAL PROVISIONS FOR MAINTENANCE OF TRAFFIC, PERMISSIBLE LANE CLOSURES, AND CONSTRUCTION STAGING REQUIREMENTS.
- THE CONTRACTOR IS REPOSNSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.
- PREPARATION DECKS TYPE 1 AND PREPARATION DECKS TYPE 2 ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AREAS SHALL BE FILLED WITH "RAPID SET DECK REPAIR".
- AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	TOTAL
509.0301	PREPARATION DECKS TYPE 1	SY	XX
509.0302	PREPARATION DECKS TYPE 2	SY	XX
509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF	XX
509.5100.S	POLYMER OVERLAY	SY	XX
SPV.0035.4000	RAPID SET DECK REPAIR	CY	XX

ALL ITEMS ARE CATEGORY XXXX

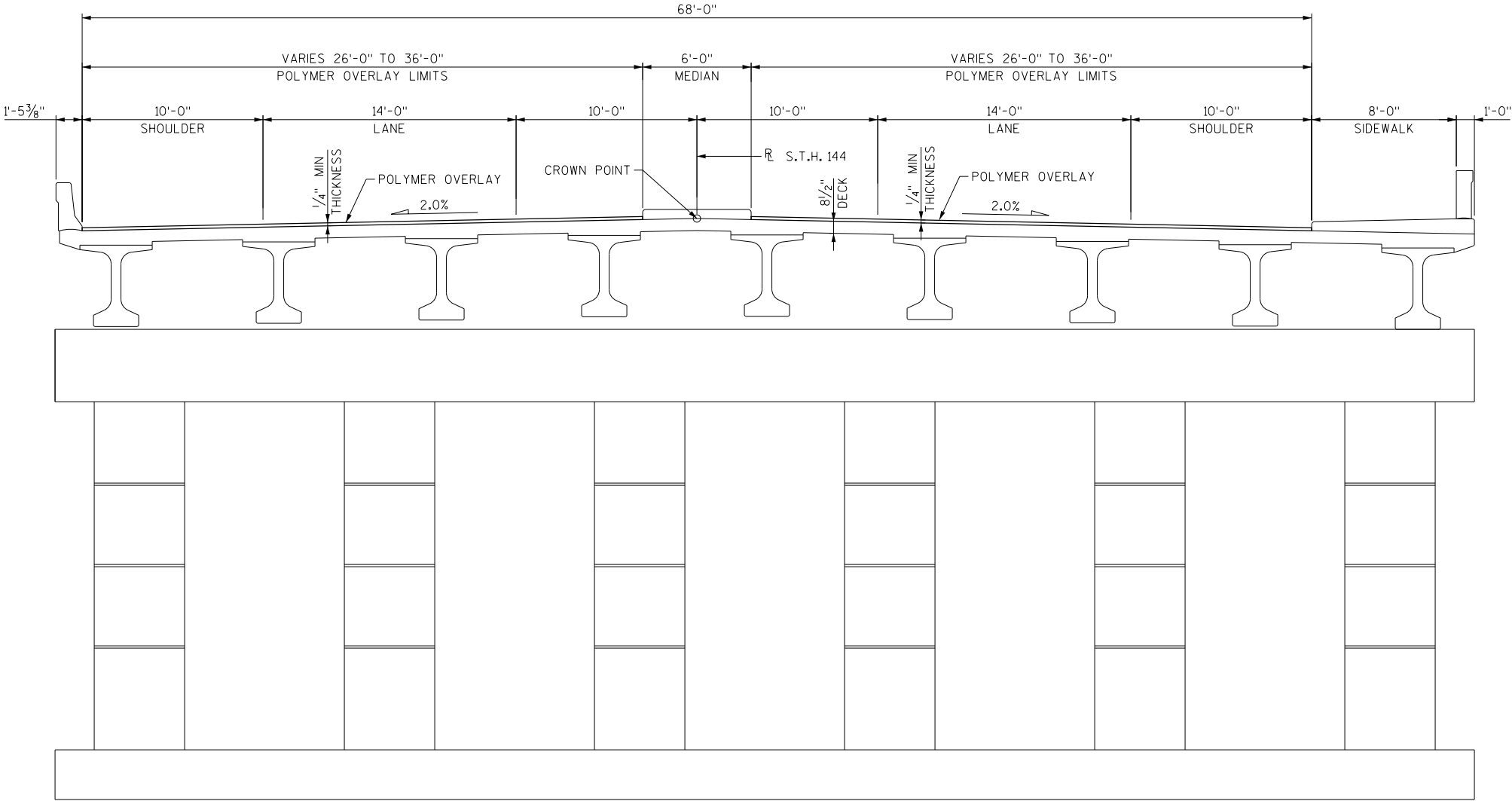
STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:  
WILLIAM DREHER, P.E. (608) 266-8489

CONSULTANT:  
STEVEN SCHMITT, P.E. (262) 821-1171

PRELIMINARY PLANS

NO.	DATE	REVISION	BY
<div><b>KSingh</b> Engineers Scientists Consultants</div>			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED _____		CHIEF STRUCTURES DESIGN ENGINEER _____ DATE _____	
STRUCTURE B-66-110			
S.T.H. 144 OVER U.S.H. 41			
COUNTY	WASHINGTON	TOWN/CITY/VILLAGE	POLK
DESIGN SPEC. REHABILITATION N/A			
DESIGNED BY	RT	DESIGN CK'D.	SWS
DRAWN BY	RT	PLANS CK'D.	SWS
GENERAL PLAN			SHEET 1 OF 2



TYPICAL SECTION THRU S.T.H. 144  
54W" PRESTRESSED CONCRETE GIRDERS  
(LOOKING NORTH)

PRELIMINARY PLANS

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-66-110			
DRAWN BY		RT	PLANS CK'D. SWS
TYPICAL SECTION		SHEET 2 OF 2	