

DESIGN DATA

LIVE LOAD:
DESIGN LOADING:..... HS-20
INVENTORY RATING:..... HS-XX
OPERATING RATING:..... HS-XX
WISCONSIN STANDARD
PERMIT VEHICLE (WIS-SPV)..... XXX KIPS

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL
STRUCTURE PLANS AND REHAB PLANS.
DECK SURFACE PREPARATION IS INCLUDED IN THE BID 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 DECK 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".
ALL STATIONS ARE IN FEET.
ROADWAY ALIGNMENT PROVIDED BY WISDOT SE REGION.
STRUCTURE STATIONING PROPOSED IS BASED ON ORIGINAL
STRUCTURE PLAN DIMENSIONS.
THE EXISTING STRUCTURE, B-64-123, IS A 3-SPAN PRESTRESSED
GIRDER BRIDGE WITH AN OVERALL WIDTH OF 43'-10 3/4"
AND AN OVERALL LENGTH OF 147'-0 3/8".
ALL CONCRETE REMOVAL NOT COVERED WITH A CONCRETE
OVERLAY SHALL BE DEFINED WITH A 1" DEEP SAW CUT.

SCOPE OF WORK B-64-123

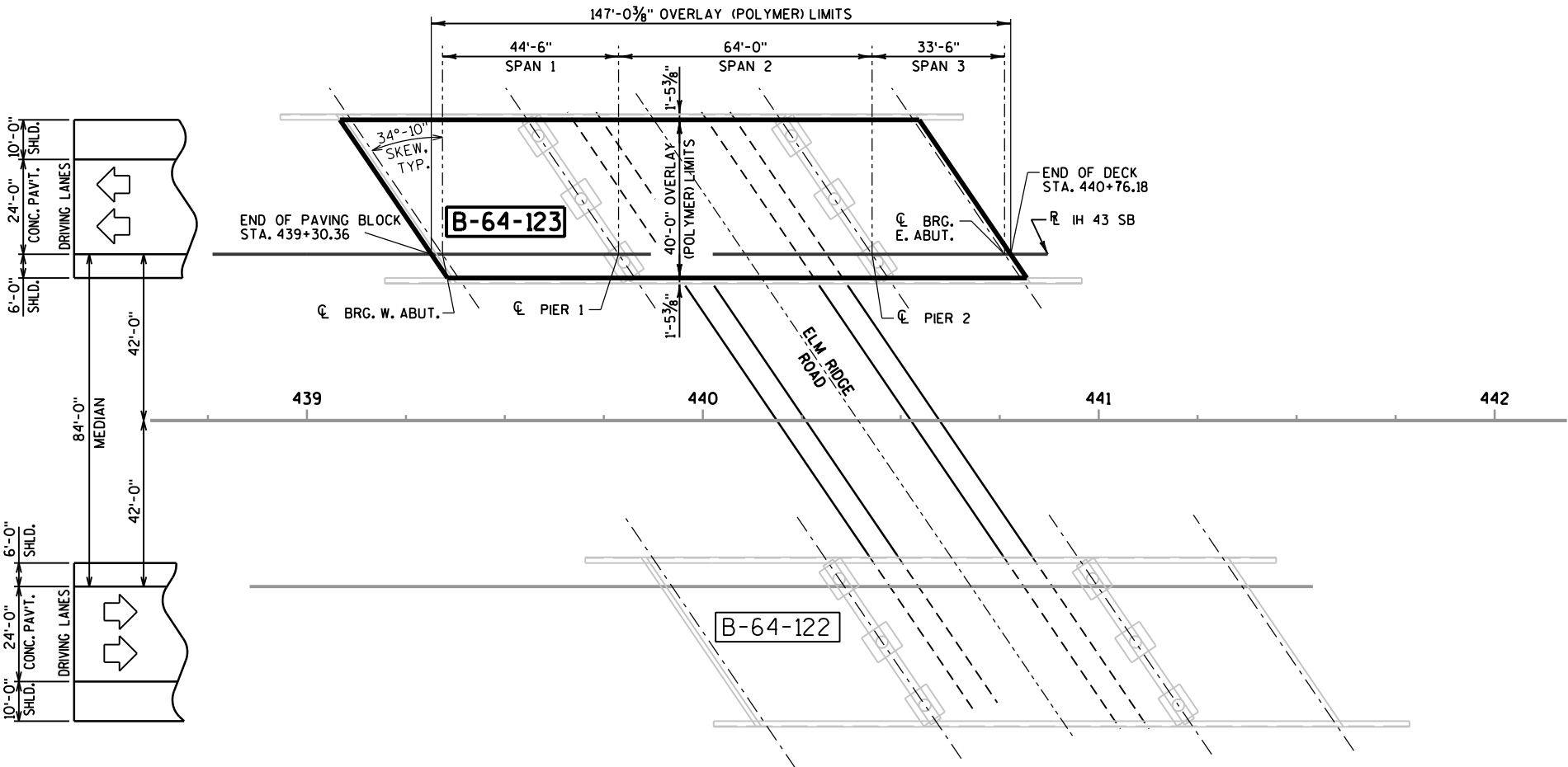
- CLEAN & PREPARE DECK AS DIRECTED
BY THE FIELD ENGINEER.
- PLACE POLYMER OVERLAY ON DECK.
- REPAIR CONCRETE DECK SURFACE AT AS DIRECTED BY
THE FIELD ENGINEER.

TRAFFIC DATA

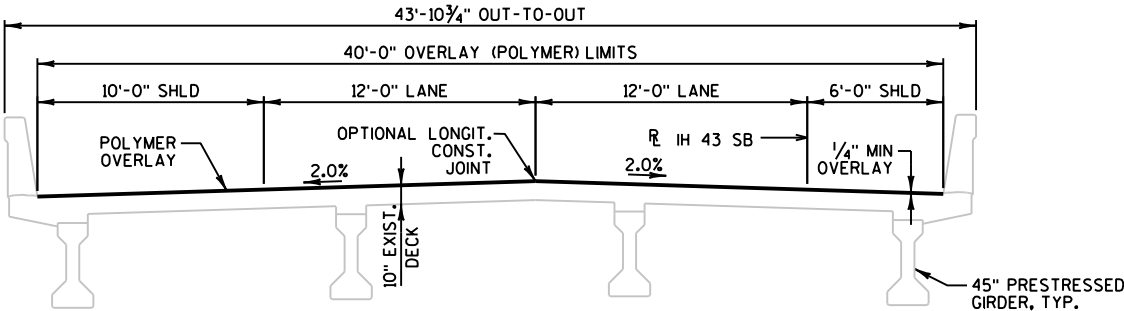
IH 43
A.D.T. (2039) = 18,200
R.D.S. = 70MPH

LIST OF DRAWINGS

- POLYMER OVERLAY
- CONSTRUCTION STAGING



PLAN
POLYMER OVERLAY
3 SPAN - 45" PRESTRESSED CONCRETE GIRDER



TYPICAL SECTION
(LOOKING EAST)

TOTAL ESTIMATED QUANTITIES

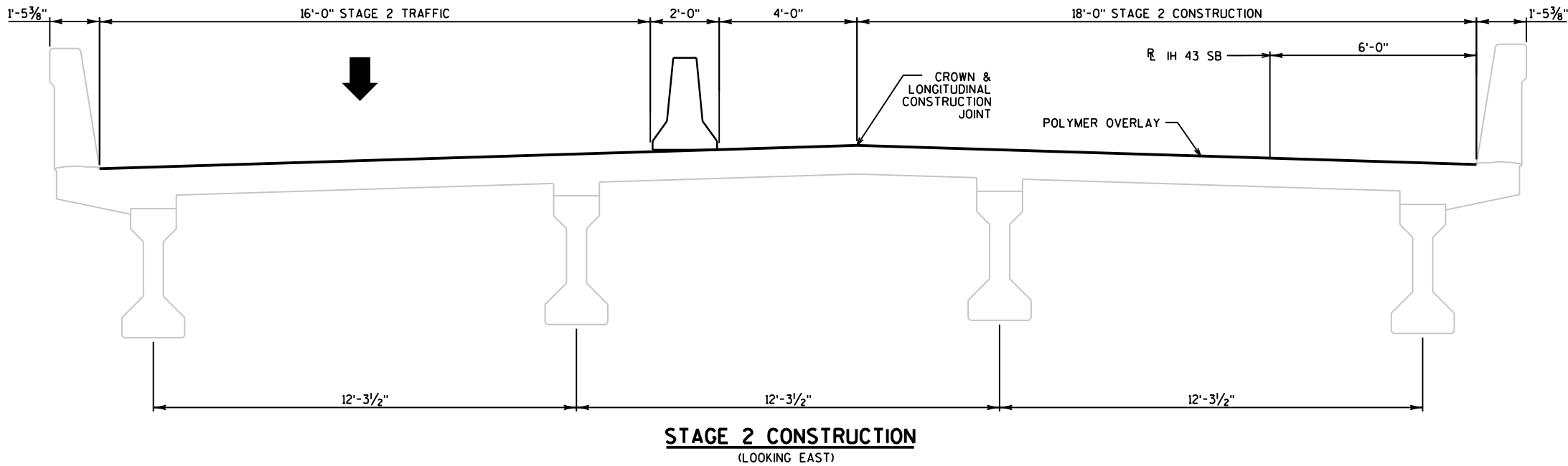
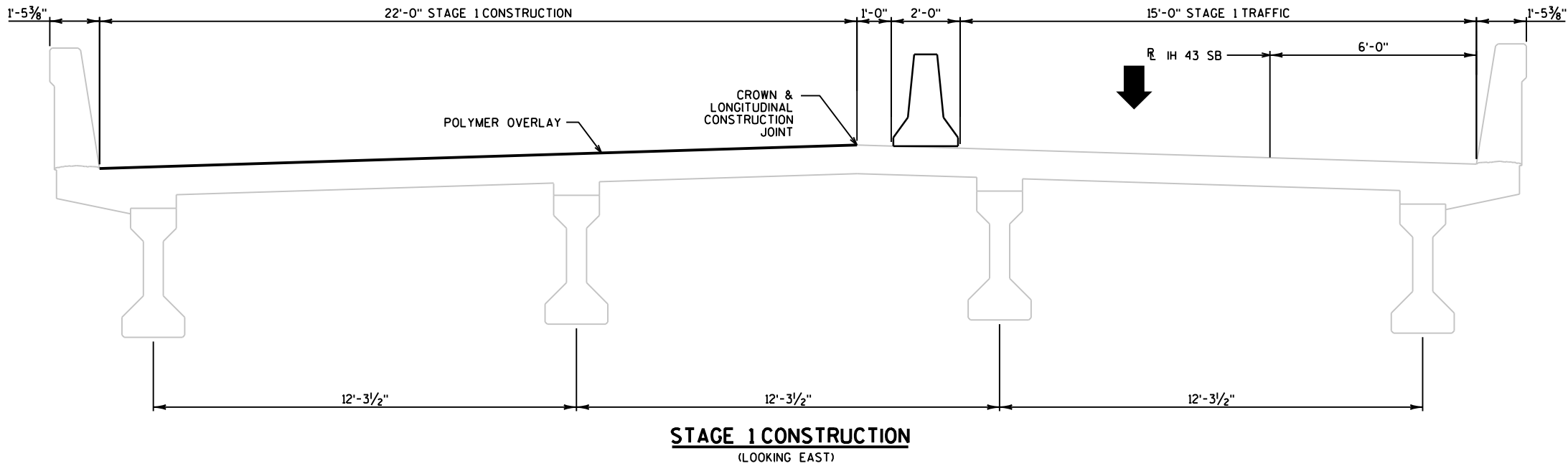
ITEM NUMBER	BID - ITEM	UNIT	W ABUT
509.0301	PREPARATION DECKS TYPE 1	SY	1
509.0302	PREPARATION DECKS TYPE 2	SY	1
509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF	12
509.2000	FULL-DEPTH DECK REPAIR	SY	1
509.2100.S	CONCRETE MASONRY DECK REPAIR	CY	-
509.5100.S	POLYMER OVERLAY	SY	

THIS IS A PRELIMINARY ENGINEERING DOCUMENT
THAT IS NOT IN FINAL FORM, BUT IS BEING
TRANSMITTED TO RECEIVE AGENCY REVIEWS,
COMMENTS AND INTERPRETATIONS.

STRUCTURE DESIGN CONTACTS

SE REGION CONTACT:
DEAN FILTZ (414) 750-2014
BUREAU OF STRUCTURES:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
KEVIN WOOD (414) 259-1500

NO.	DATE	REVISION	BY
GRAEF One Honey Creek Corporate Center 125 South 84th Street, Suite 401 Milwaukee, WI 53214-1470 414 / 259 1500 414 / 259 0037 fax www.graef-usa.com			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER DATE			
STRUCTURE B-64-123			
IH 43 SB OVER ELM RIDGE ROAD			
COUNTY	WALWORTH	TOWN/CITY/VILLAGE	DARIEN
DESIGN SPEC. REHABILITATION N/A			
DESIGNED BY	WAR	DESIGN CK'D. KGW	DRAWN BY WAR
POLYMER OVERLAY			SHEET 1 OF 2



NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-64-123			
DRAWN BY WAR		PLANS CK'D. KGW	
CONSTRUCTION STAGING		SHEET 2 OF 2	