

GENERAL NOTES

- DRAWINGS SHALL NOT BE SCALED
- PROFILE GRADE LINE SHALL BE DETERMINED BASED ON A MINIMUM OVERLAY THICKNESS OF 1 1/2" PLACED ABOVE THE DECK SURFACE AFTER CLEANING, EXPECTED AVERAGE OVERLAY THICKNESS IS 1 1/2". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/2", CONTACT THE STRUCTURES DESIGN SECTION. 2" (ADD 1/2" PER WBM STD. 40.31)
- TOP OF EXISTING DECK ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR FROM A FIELD SURVEY AT LOCATIONS DEEMED NECESSARY FOR ESTABLISHING OVERLAY THICKNESS FOR ACCURATE RATINGS AND POINT OF MINIMUM THICKNESS. OLD NOTE, REMOVED FROM CURRENT WBM STD. 40.31
- DIMENSIONS AND STATIONING SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.
- ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS".
- EXISTING CROWN IS 1.0%. MAINTAIN THE EXISTING CROWN WITH THE CONCRETE OVERLAY.
- A MINIMUM OF 1-INCH OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM "CLEANING DECKS".
- PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE ENTIRE TOP SURFACE OF THE NEW CONCRETE OVERLAY.
- PROVIDE 1" DEEP SAWCUT ALONG DECK PRIOR TO CONCRETE REMOVAL.

DESIGN DATA

- ULTIMATE DESIGN STRESSES
- CONCRETE MASONRY OVERLAY DECKS: f'c = 4,000 PSI
- LIVE LOAD
- INVENTORY RATING: HS-XX
- OPERATIONAL RATING: HS-XX
- WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): XXX KIPS
- TRAFFIC DATA
- AADT (2018) 490
- AADT (2038) 560

REVISE AND RESUBMIT:

8/7/12/16

EXISTING TYPE 'F' ANCHOR BOLTS AND EXISTING DECK THICKNESS NOT ADEQUATE TO SUPPORT PROPOSED TYPE 'M' RAILING, PLEASE MODIFY DETAILS TO MATCH REQUIREMENTS OF WBM STD. 30.16

COORDINATE FURTHER WITH BOS FOR CORROSION PROTECTION SYSTEMS TO USE ON EXISTING PILING IN LIEU OF THE PAINT ITEMS DETAILED.

CONTACTS

BUREAU OF STRUCTURES CONTACT
WILLIAM DREHER: 608-266-8489

CONSULTANT CONTACT
MICHAEL KOWAL: 715-845-8000

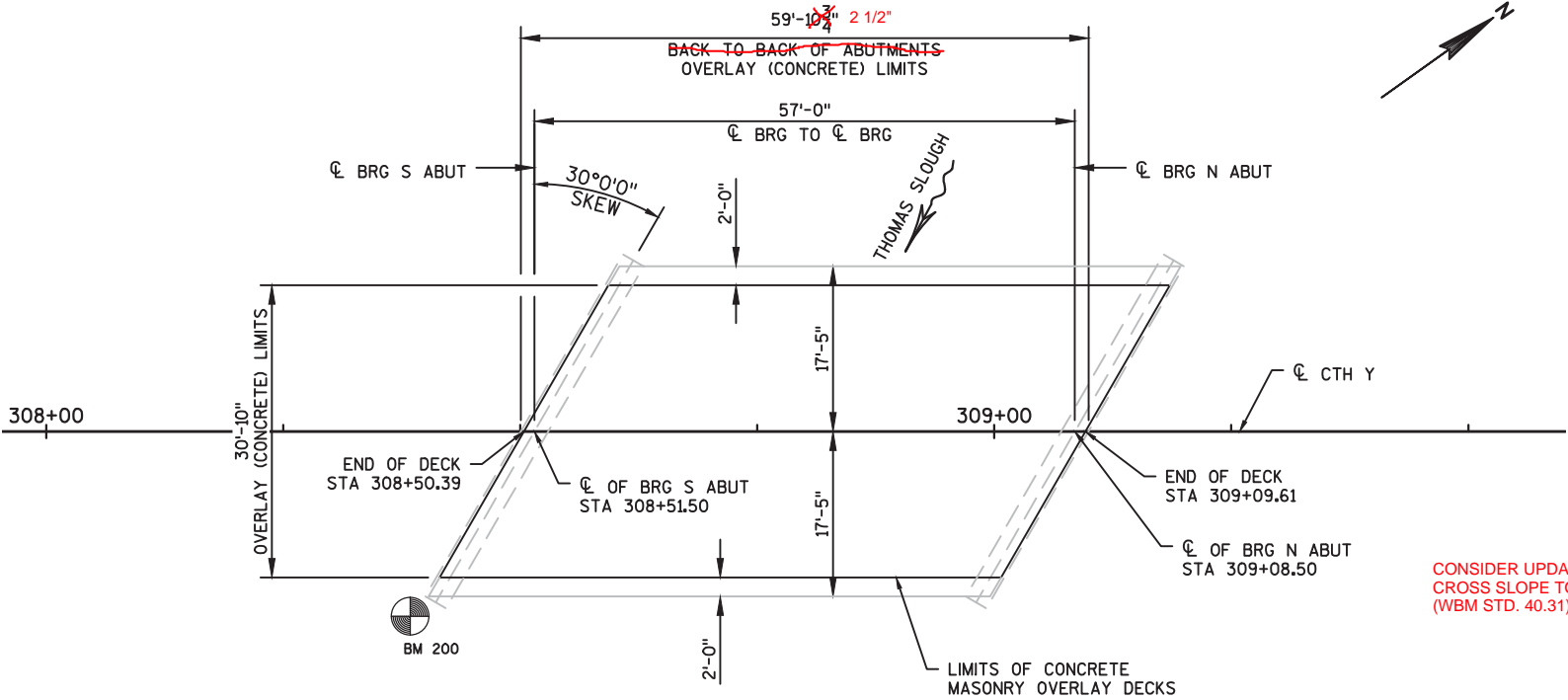
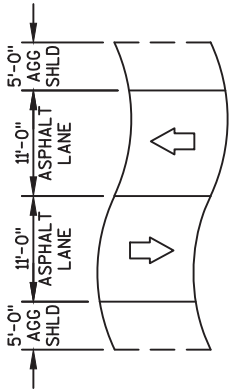
LEGEND

DIRECTION OF TRAVEL →

LIST OF DRAWINGS

1. OVERLAY PLAN
2. ELEVATION VIEW

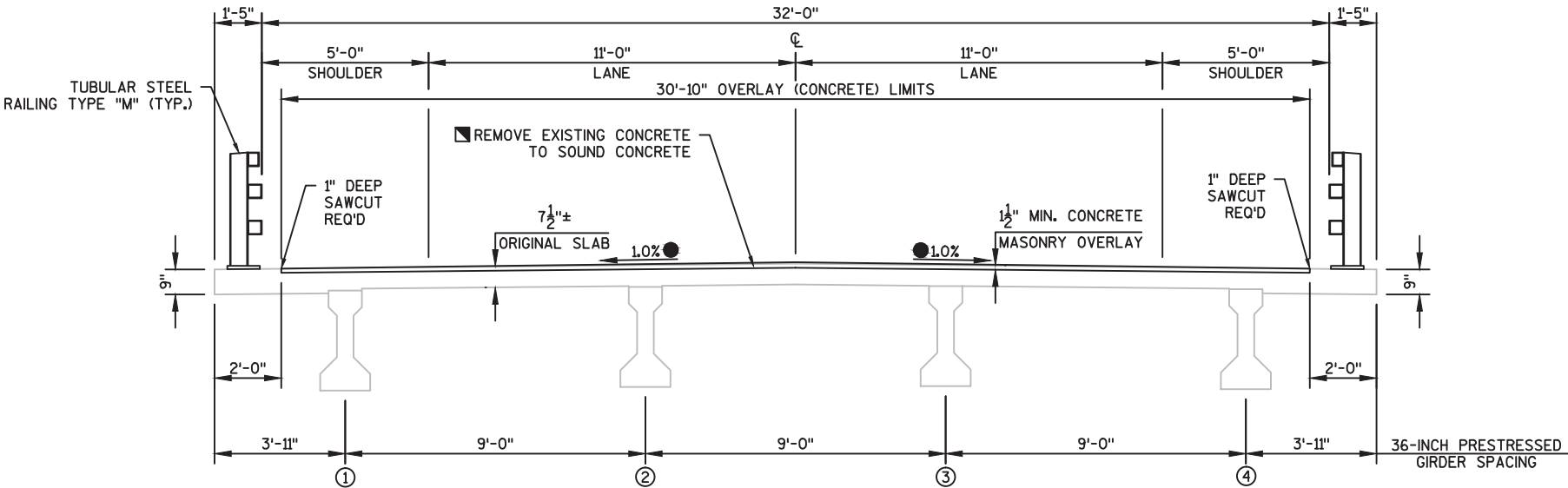
NO.	DATE	REVISION	BY
ORIGINAL PLANS PREPARED BY			
BECHER HOPPE 330 Fourth Street • PO Box 8000 Wausau, WI • 54402-8000 715.845.8000 • Fax 715.845.8008 becherhoppe.com			
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER DATE _____			
STRUCTURE B-42-17			
CTH Y OVER THOMAS SLOUGH			
COUNTY OCONTO		TOWN/CITY/VILLAGE LITTLE RIVER	
DESIGN SPEC. REHABILITATION N/A			
DESIGNED BY DJG	DESIGN CK'D. MVK	DRAWN BY DJG	PLANS CK'D. MVK
SHEET 1 OVERLAY PLAN			SHEET 1 OF 2



PLAN
(CONCRETE OVERLAY ON EXISTING SINGLE SPAN
PRESTRESSED CONCRETE GIRDER BRIDGE)

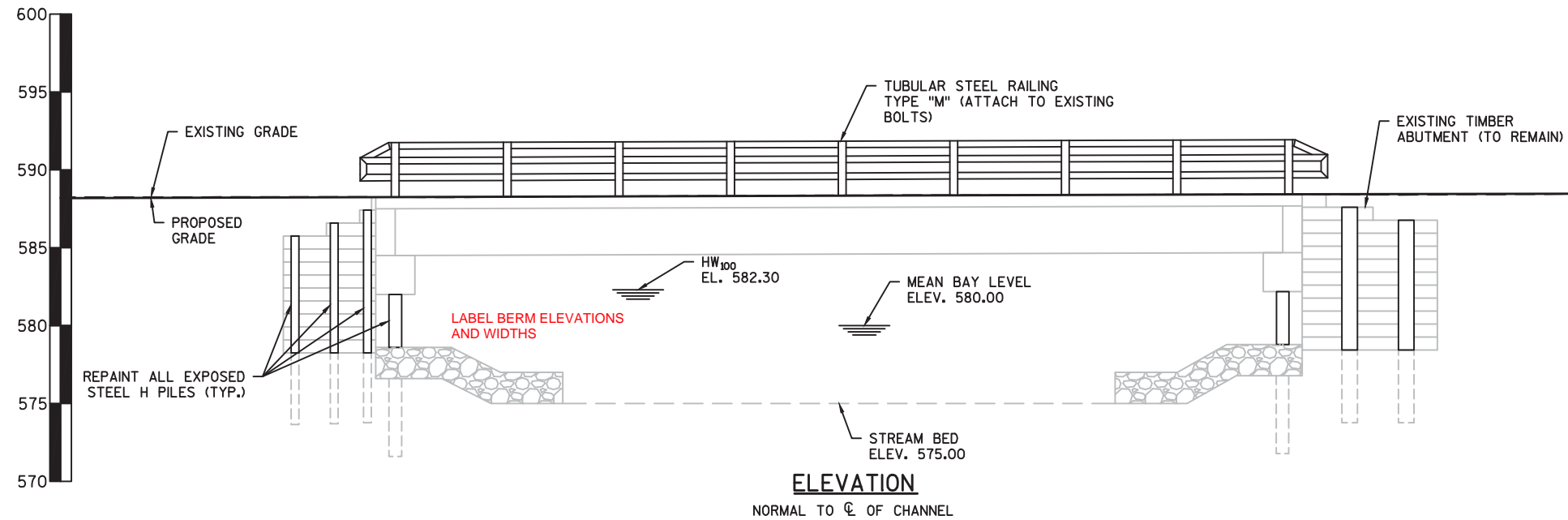
EXISTING BENCH MARK INFO

NO.	DESCRIPTION	ELEV.
200	CHISELED X ON S CORNER OF BRIDGE	588.12



CROSS SECTION THRU ROADWAY

* INDICATES GIRDER NO.



TOTAL ESTIMATED QUANTITIES

BID ITEM #	BID ITEMS	UNIT	TOTAL
203.0225.S	DEBRIS CONTAINMENT (STRUCTURE) 01 B-42-17	LS	1
204.9090.S	REMOVING (ITEM DESCRIPTION) 01. BRIDGE RAILING	LF	120
* 502.3200	PROTECTIVE SURFACE TREATMENT	SY	230
* 509.0301	PREPARATION DECKS TYPE 1	SY	60
509.0302	PREPARATION DECKS TYPE 2	SY	45
* * 509.0500	CLEANING DECKS	SY	230
* 509.1500	CONCRETE SURFACE REPAIR	SF	10
509.2000	FULL-DEPTH DECK REPAIR	SY	1
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	13
513.4061	RAILING TUBULAR TYPE M (STRUCTURE) 01 B-42-17	LF	120
517.1800.S.01	STRUCTURE REPAINTING RECYCLED ABRASIVE (STRUCTURE) 01 B-42-17	LS	1
517.4500.S.01	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS (STRUCTURE) 01 B-42-17	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1

NOTES:

- * QUANTITY LISTED IS TENTATIVE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL DECK REPAIR LOCATIONS WITH THE ENGINEER.
- * * CONCRETE SURFACE REPAIR REQ'D AS DESIGNATED BY THE ENGINEER. QUANTITY LISTED IS TENTATIVE. CONTRACTOR SHALL COORDINATE THE FIELD IDENTIFICATION AND DETERMINATION OF ALL SURFACE REPAIR LOCATIONS WITH THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS".

ALL ITEMS ARE CATEGORY 0020.

← USE REMOVING OLD STRUCTURE BID ITEM

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STRUCTURE B-42-17			
DRAWN BY DJG		PLANS CK'D. MVK	
SHEET 2 ELEVATION VIEW		SHEET 2 OF 2	

SCALE =