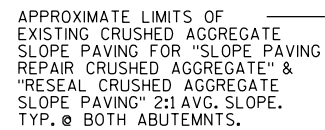


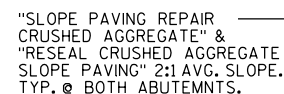
CONCRETE MASONRY SUPERSTRUCTURE...  $f'_c = 4,000$  PSI  
ALL OTHERS.....  $f'_c = 3,500$  PSI

1. REPAIR CONCRETE SURFACE AT ABUTMENTS, PIERS, PARAPETS, AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER
2. REMOVE AND REPLACE UPPER PORTION NW WINGWALL
2. REPLACE PARAPET JOINT SEALANT
5. REPAIR AND RESEAL SLOPE PAVING

1. GENERAL PLAN & ELEVATION
2. CROSS SECTION & QUANTITIES



### 3 SPAN PRESTRESSED GIRDER BRIDGE




NORMAL TO BEAVER DAM ROAD

▲ PER HSI (DIMENSION DATED 07-12-16)

STRUCTURE DESIGN CONTACTS:  
SE REGION CONTACT:  
BRIAN PLUEMER, P.E. (262) 548-6721  
BUREAU OF STRUCTURES:  
WILLIAM DREHER, P.E. (608) 266-8489  
CONSULTANT:  
KEVIN WOOD, P.E. (414) 266-9144

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

NO.		DATE		REVISION		BY	
				One Honey Creek Corporate Center 125 South 94th Street, Suite 401 Milwaukee, WI 53214-1470 414 / 259 1570 414 / 259 7037 fax <a href="http://www.graef-usa.com">www.graef-usa.com</a>			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION							
ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER DATE _____							
<b>STRUCTURE B-66-64</b>							
USH 45 NB OVER BEAVER DAM ROAD							
COUNTY WASHINGTON				TOWN/CITY/VILLAGE BARTON			
DESIGN SPEC. REHABILITATION N/A							
DESIGNED BY WAR		DESIGN CK'D. KGW		DRAWN BY WAR		PLANS CK'D. KGW	
<b>GENERAL PLAN &amp; ELEVATION</b>						SHEET 1 OF 2	

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL DIMENSIONS ARE IN FEET AND INCHES. ALL STATIONS AND ELEVATIONS ARE IN FEET.

DIMENSIONS AND STATIONING SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

TRAFFIC WILL BE MAINTAINED ON THE BRIDGE DURING CONSTRUCTION. A TRAFFIC STAGING PLAN SHALL BE ESTABLISHED.

ALL CONCRETE REMOVAL SHALL BE DEFINED BY A 1-INCH DEEP SAW CUT.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK INDICATE THE BAR SIZE.

UTILITZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACE OF PARAPETS OVER WINGWALL REPLACEMENT.

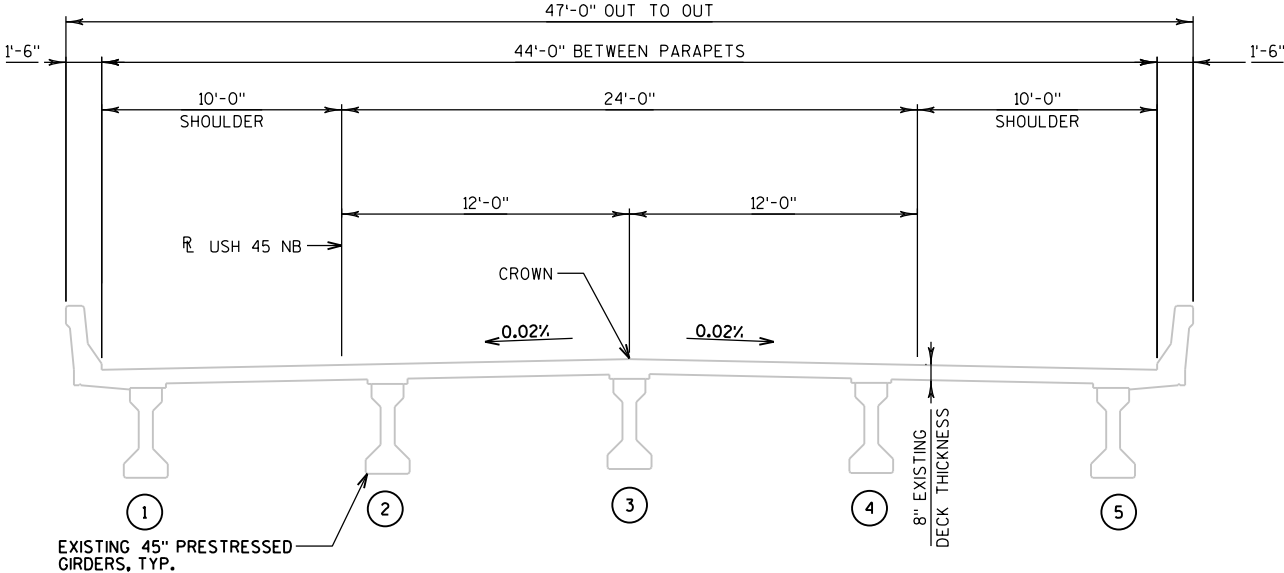
SLOPE PAVING REPAIRS SHALL BE MADE ONLY AS DIRECTED BY THE ENGINEER.

THE EXISTING ROADWAY SHALL BE THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES.

AT THE BACKFACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE THE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH "BACKFILL STRUCTURE TYPE A".

LOCATIONS OF "CONCRETE SURFACE REPAIR" WILL BE DESIGNATED BY THE FIELD ENGINEER. QUANTITIES SHOWN ON THE PLAN ARE APPROXIMATE.

THE EXISTING STRUCTURE, B-66-64, IS A 3-SPAN PRESTRESSED GIRDER BRIDGE WITH A BACK-TO-BACK OF ABUTMENT LENGTH OF 125'-3 7/8".



CROSS SECTION THRU B-66-64  
(LOOKING NORTH)

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	BID - ITEM	UNIT	E ABUT	W ABUT	PIER	SUPER	TOTAL
203.0200	REMOVING OLD STRUCTURE STA. 693+72.18	LS	-	-	-	-	1
206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-66-64	LS	-	-	-	-	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	-	-	-	-	-
502.0100	CONCRETE MASONRY BRIDGES	CY	-	-	-	-	-
502.3200	PIGMENTED SURFACE SEALER	SY	-	-	-	-	-
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EA	-	-	-	-	-
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	-	-	-	-	-
509.1500	CONCRETE SURFACE REPAIR	SF	-	-	-	-	-
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	-	-	-	-	-
604.9010.S	SLOPE PAVING REPAIR CRUSHED AGGREGATE	CY	-	-	-	-	-
604.9015.S	RESEAL CRUSHED AGGREGATE SLOPE PAVING	SY	-	-	-	-	-
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	-	-	-	-	1
	NON-BID ITEMS						
	PREFORMED JOINT FILLER	SIZE					1/2"

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-66-64			
DRAWN BY WAR		PLANS CK'D. KGW	
CROSS SECTION & QUANTITIES		SHEET 2 OF 2	

FILE =  
SCALE =