

Wisconsin Department of Transportation

January 22, 2015

Division of Transportation Systems Development

Bureau of Project Development
4802 Sheboygan Avenue, Rm 601
P O Box 7916
Madison, WI 53707-7916

Telephone: (608) 266-1631
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NOTICE TO ALL CONTRACTORS:

Proposal #20: 9080-14-60, WISC 2015095
Woodruff - Eagle River
STH 155 to CTH O
STH 70
Vilas County

Letting of February 10, 2015

This is Addendum No. 1, which provides for the following:

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
6	Added note specifying the depth constraints for the variable depth milling.
7	Added note specifying the depth constraints for the variable depth milling.
164	Added general note specifying the use of joint ties for the culvert pipe.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 6, 7, & 164

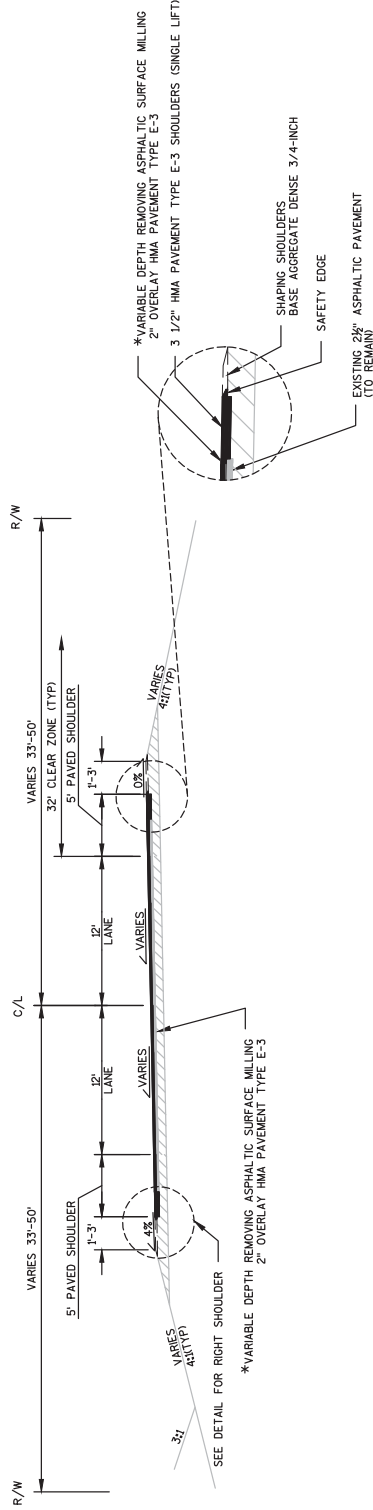
The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM



PROPOSED TYPICAL SECTION -- STH 70

STATION 101+10 -- STATION 116+10
STATION 233+56 -- STATION 240+36

CURVE NO.	CURVE DIRECTION	APPROX. EXIST. SUPERELEVATION		PROPOSED SUPERELEVATION	
		LT	RT	LT	RT
1	LT	6.0%	6.0%	MATCH EXISTING	RT
2	LT	4.4%	4.4%	MATCH EXISTING	MATCH EXISTING

NOTES:
*VARIABLE DEPTH WILL TO ACHIEVE FINISHED CROSS SLOPE. MILL 2" DEPTH AT C/L
SEE CONSTRUCTION DETAIL FOR TYPICAL SECTION AT CULVERT REPLACEMENT AREAS.

Addendum No. 1
ID 9080-14-60
Revised Sheet 7
January 22, 2015

DESIGN DATA

ULTIMATE DESIGN STRESSES
CONCRETE MASONRY = 3,500 PSI
HIGH STRENGTH BAR STEEL REINFORCEMENT (GRADE 60) = 60,000 PSI

HYDRAULIC DATA
SPILLWAY - DAM CONTROL = 173 CFS
CHANNEL VELOCITY AT CULVERT INLET = 5.61 FPS
HIGH WATER ELEVATION AT CULVERT INLET = 162.06

DIKE - DAM CONTROL = 278 CFS
CHANNEL VELOCITY AT CULVERT INLET = 4.04 FPS
HIGH WATER ELEVATION AT CULVERT INLET = 163.83

EARTH LOAD
FILL HEIGHT 7'-3"

SOIL DATA
BEARING PRESSURE 4000 PSF

TRAFFIC DATA
A.A.D.T. = 6400 (2015)
A.A.D.T. = 9000 (2035)
DESIGN SPEED = 35 MPH

Addendum No. 1
ID 9080-14-60
Revised Sheet 164
January 22, 2015

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED

ALL DETAILS, MATERIALS, AND FABRICATION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION OF THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

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

THE FIRST DIGIT OF THE THREE DIGIT BAR NO. AND THE FIRST TWO DIGITS OF A FOUR DIGIT BAR NO. SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE 3/4" UNLESS OTHERWISE NOTED.

THE DEPARTMENT OF TRANSPORTATION WILL FURNISH THE CONTRACTOR WITH A MONUMENT TO BE INSTALLED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER.

THE UPPER LIMITS OF EXCAVATION FOR STRUCTURES SHALL BE THE EXISTING GROUNDLINE AND SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TO THE ELEVATION AND SECTION EXISTING PRIOR TO EXCAVATION WITHIN THE LENGTH OF THE CULTVERT.

THE CONCRETE IN THE CUTOFF WALLS MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED.

JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL JOINTS. THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST OF THE PIPE. SEE SADD.

CONTACTS

BRIDGE OFFICE CONTACT
WILLIAM BREHER 608-266-8489

CONSULTANT DESIGN CONTACT
SEAN SPROMBERG 715-945-8000

William C. Decker DATE: 01/21/15

LIST OF DRAWINGS

- GENERAL PLAN & ELEVATION
- GENERAL PLAN & ELEVATION
- WING 1 & 2 DETAILS
- WING 3 & 4 DETAILS
- BILL OF BARS

SUBSURFACE INFORMATION

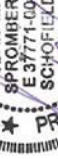
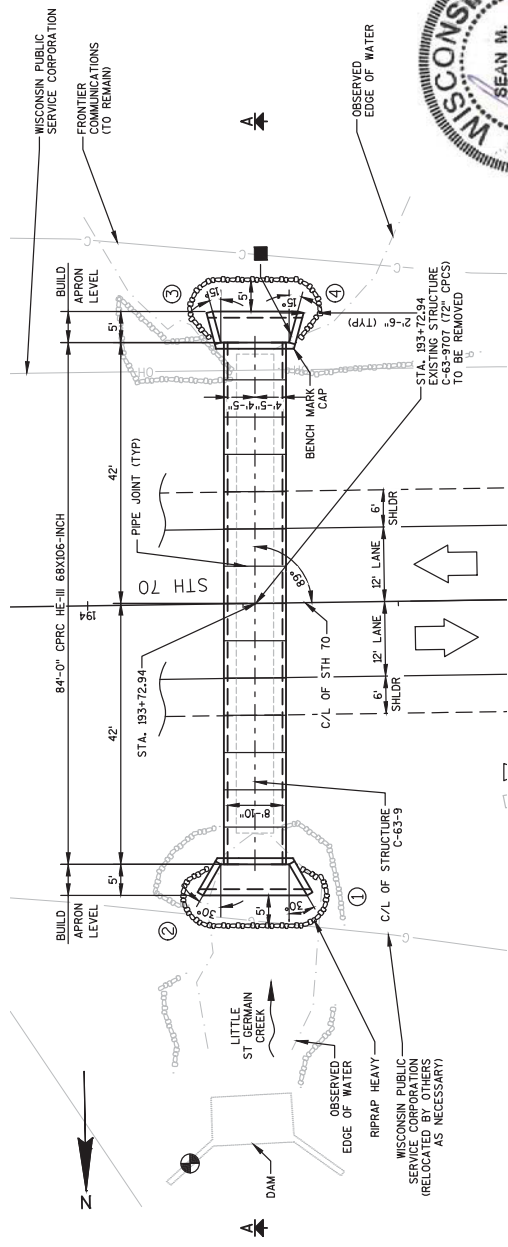
NO BORINGS WERE COMPLETED BY WISCONSIN TESTING SERVICES, INC. ON JUNE 27, 2012. SUBSURFACE SOIL INVESTIGATION REPORT IS AVAILABLE FROM THE REGIONAL DOT OFFICE.

SUMMARY:

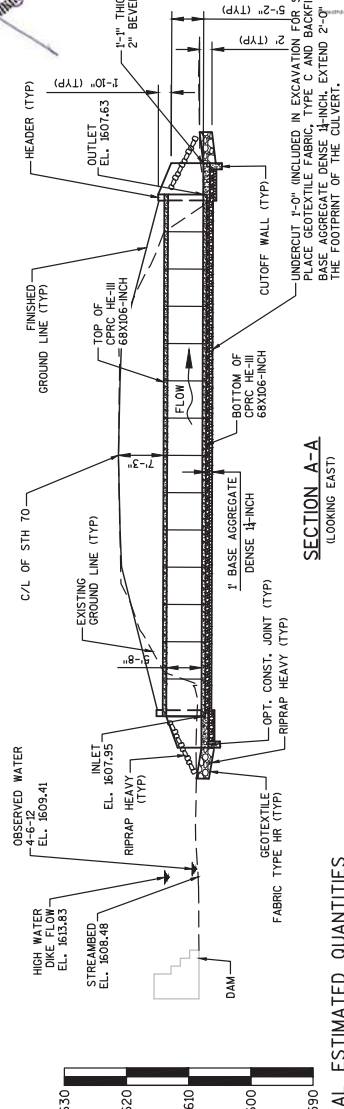
- BORING #1
TOP ELEVATION 1620.90
BROWN FINE SAND, LITTLE SILT 14.5% (COBBLES AT #1)
WATER AT 11'-0"
- BORING #2
TOP ELEVATION 1621.00
BROWN FINE SAND, LITTLE SILT 14.5%
BROWN FINE SAND 37"
WATER AT 11.5'

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
10	193+32.14	50" T I WI VALLEY IMPR CP ALUMINUM DISC	1615.23



1/21/15



TOTAL ESTIMATED QUANTITIES

BID ITEM #	BID ITEMS	UNIT	INLET	OUTLET	PIPE	TOTAL
203.0500.5	REMOVING OLD STRUCTURE OVER WATERWAY	LS	-	-	-	1
205.2000	EXCAVATION FOR STRUCTURES CULTVERTS C-63-9	LS	-	-	-	1
210.0100	BACKFILL STRUCTURE	CY	35	35	35	70
305.0125	BASE AGGREGATE 1 1/2-INCH	CY	5	5	32	42
504.0900	CONCRETE MASONRY ENDWALLS	CY	8.3	8.6	8.6	17.5
505.0400	BAR STEEL REINFORCEMENT HS CULTVERTS	LB	210	190	190	400
505.0600	BAR STEEL REINFORCEMENT HS COATED CULTVERTS	LB	490	480	-	970
*311.1000	TEMPORARY SHORING	SF	-	-	-	1920
515.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	5	5	-	10
523.0100	GEOTEXTILE FABRIC TYPE C	SY	-	-	-	84
604.0300	RIPRAP HEAVY	CY	13	11	11	24
645.0105	GEOTEXTILE FABRIC TYPE C	SY	-	-	-	130
645.0120	GEOTEXTILE FABRIC TYPE HR	SY	30	25	25	55

* 330 SF FOR STAGE 1
630 SF FOR STAGE 2
630 SF FOR STAGE 3
330 SF FOR STAGE 4

○ DENOTES WING NUMBER

■ NAME PLATE LOCATION (INSIDE FACE)

NO.	DATE	ADDED	JOINT	TIE	GENERAL	NOTE	D.U.P.	BY
01	1-21							

ORIGINAL PLANS PREPARED BY
BECHER HOPPE
330 Fourth Street • PO Box 8000
Wausau, WI • 54402-8000
715.836.6100
becherhoppe.com

ACCEPTED
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

CHIEF STRUCTURES DESIGN ENGINEER
STRUCTURE C-63-09

COUNTY: VILAS & ONEIDA
TOWNSHIP: GERMAIN CREEK
DESIGN SPEC. REF'D DESIGN SPEC. 5TH EDITION
DESIGNED BY: [Signature]
DRAWN BY: [Signature]
CHECKED BY: [Signature]

GENERAL PLAN & ELEVATION
SHEET 1 OF 5
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