



Wisconsin Department of Transportation

September 8, 2016

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
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

**Proposal #08: 3360-09-72, WISC 2016 309
Menomonee Falls – Slinger
(Maple Rd to STH 60)
STH 175
Washington County**

Letting of September 13, 2016

This is Addendum No. 02, which provides for the following:

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
636.0050.S	Foundation Drilling (diameter) 01. 30-Inch	LF	885	-170	715
636.0050.S	Foundation Drilling (diameter) 01. 36-Inch	LF	2,250	-770	1,480

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
548	Structure R-66-0037 – Revised Quantities
554	Structure R-66-0037 – Revised Pile Batter
555	Structure R-66-0038 – Revised Quantities
561	Structure R-66-0038 – Revised Pile Batter

Schedule of Items

Attached, dated September 8, 2016, are the revised Schedule of Items Page 18.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 548, 554, 555, and 561

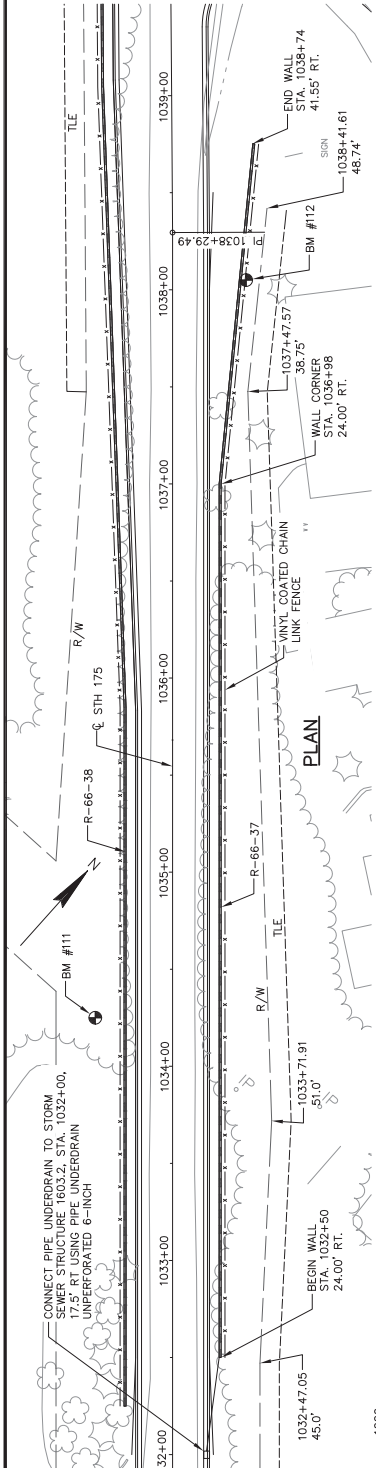
The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM



Addendum No. 02
ID 3360-09-72
Revised Sheet 548
September 8, 2016

William C. Decker
SDR
09/08/16



BID ITEM NO.	BID ITEM	UNIT	TOTALS
206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS, R-66-37	LS	1
504.0500	CONCRETE MASONRY RETAINING WALLS	CY	250
508.0605	STRUCTURAL STEEL HS	LB	91,460
507.0200	TREATED LUMBER AND TIMBER	MBM	26.8
517.0600	PAINTING EPOXY SYSTEM, R-66-37	LS	1
612.0106	PIPE UNDERDRAIN 6-INCH	LF	630
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	25
636.0050.S	FOUNDATION DRILLING 30-INCH DIAMETER	LF	130
636.0050.S	FOUNDATION DRILLING 36-INCH DIAMETER	LF	86
645.0111	GEOTEXTILE FABRIC TYPE DF SCHEDULE A	SY	350
SPV.0090.03	FENCE CHAIN LINK VINYL COATED 4-FT	LF	625

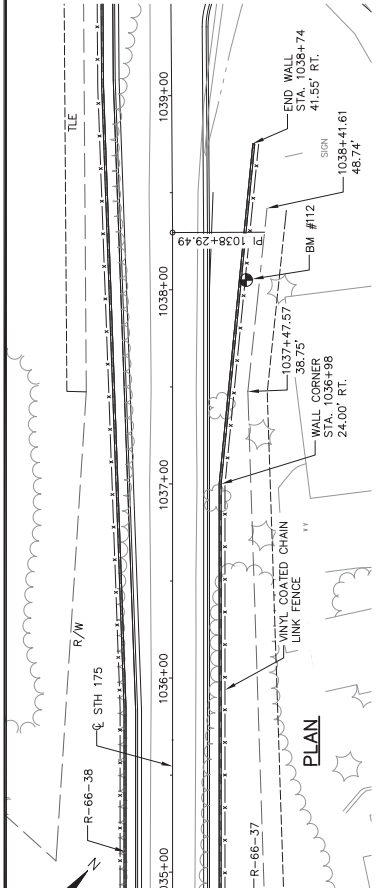
NO.	STATION	DESCRIPTION	OFFSET	ELEVATION
109	1025+52	CAPPED REBAR	19.1' RT	929.73
110	1031+60	CAPPED REBAR	24.0' RT	967.09
111	1034+25	CAPPED REBAR	39.8' LT	999.53
112	1038+05	CAPPED REBAR	37.9' RT	1016.39

COORDINATE REFERENCE SYSTEM: WISCONSIN COUNTY COORDINATE SYSTEM (WCS), WASHINGTON COUNTY, MAD 1983 (97) VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)

TOTAL ESTIMATED QUANTITIES

BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEVATION
109	1025+52	CAPPED REBAR	19.1' RT	929.73
110	1031+60	CAPPED REBAR	24.0' RT	967.09
111	1034+25	CAPPED REBAR	39.8' LT	999.53
112	1038+05	CAPPED REBAR	37.9' RT	1016.39



DESIGN DATA

LIVE LOAD SURCHARGE 100 P.S.F.

ULTIMATE DESIGN STRESSES:

CONCRETE MASONRY $f_c = 3,500$ psi
STRUCTURAL STEEL HS $F_y = 50,000$ psi

ALLOWABLE DESIGN STRESSES:

TIMBER LAGGING $F_b = 975$ psi
DOUGLAS FIR-LARCH (NO. 2) $F_v = 90$ psi
SOUTHERN PINE (NO. 2) $F_c = 565$ psi
CONSTRUCTION GRADE
ROUGH CUT LUMBER $E_1 = 1,600,000$ psi

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALL DIMENSIONS ARE FEET (FT) UNLESS OTHERWISE NOTED.

THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES RETAINING WALLS, R-66-37".

CONTROLLED LOW STRENGTH MATERIAL IS INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS, R-66-37". SEE SPECIAL PROVISIONS FOR DESCRIPTION OF CONTROLLED LOW STRENGTH MATERIAL.

TIMBER LAGGING SHALL BE NOMINAL 4"x6" OR 4"x12" SIZES, PRESSURE TREATED WITH ALKALINE COPPER QUARTERLY (ACQ) TO A 0.4 PCF RETENTION PER CURRENT STATE AND/OR AASHTO SPECIFICATIONS. PLACE ROUGH SIDE AGAINST SOIL.

ALL WOOD SHALL BE GRADED AS PER NFPA 1991 NDS FOR WOOD CONSTRUCTION.

PRIME STEEL PILING FROM TOP TO BOTTOM OF PILE WITH ZINC RICH PRIMER. BID ITEM "PAINTING EPOXY SYSTEM" SHALL INCLUDE PAINTING WITH AN EPOXY PAINT SYSTEM. COLOR OF EPOXY PAINT TOP COAT SHALL BE COLOR NO. 30257 (TAN).

ANY ADDITIONAL SHORING REQUIRED TO CONSTRUCT WALL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO WALL CONSTRUCTION.

CONNECTION OF PIPE UNDERDRAIN TO STORM SEWER STRUCTURE IS INCLUDED IN THE BID ITEM "PIPE UNDERDRAIN UNPERFORATED 6-INCH".

SEE ROADWAY PLANS FOR GRADING PLAN AND DETAILS.

SEE ROADWAY PLANS FOR EXISTING UTILITY LOCATIONS.

EXCAVATION IN FRONT OF RETAINING WALL IS COMMON EXCAVATION (ROADWAY BID ITEM).

LIST OF DRAWINGS

- GENERAL PLAN
- PLAN & ELEVATION (1)
- PLAN & ELEVATION (2)
- SUBSURFACE EXPLORATION (1)
- SUBSURFACE EXPLORATION (2)
- WALL DETAILS
- WALL DETAILS

DESIGN CONTACTS

CONSULTANT CONTACT
ANDREW KNUTSON, P.E., S.E.
(608) 588-7866

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

STATE PROJECT NUMBER
3360-09-72

WESTBROOK
619 EAST HOXE STREET
P.O. BOX 429
SPRING GREEN, WI 53588
PHONE (608) 588-7866
FAX (608) 588-7954

ASSOCIATED ENGINEERS, INC.

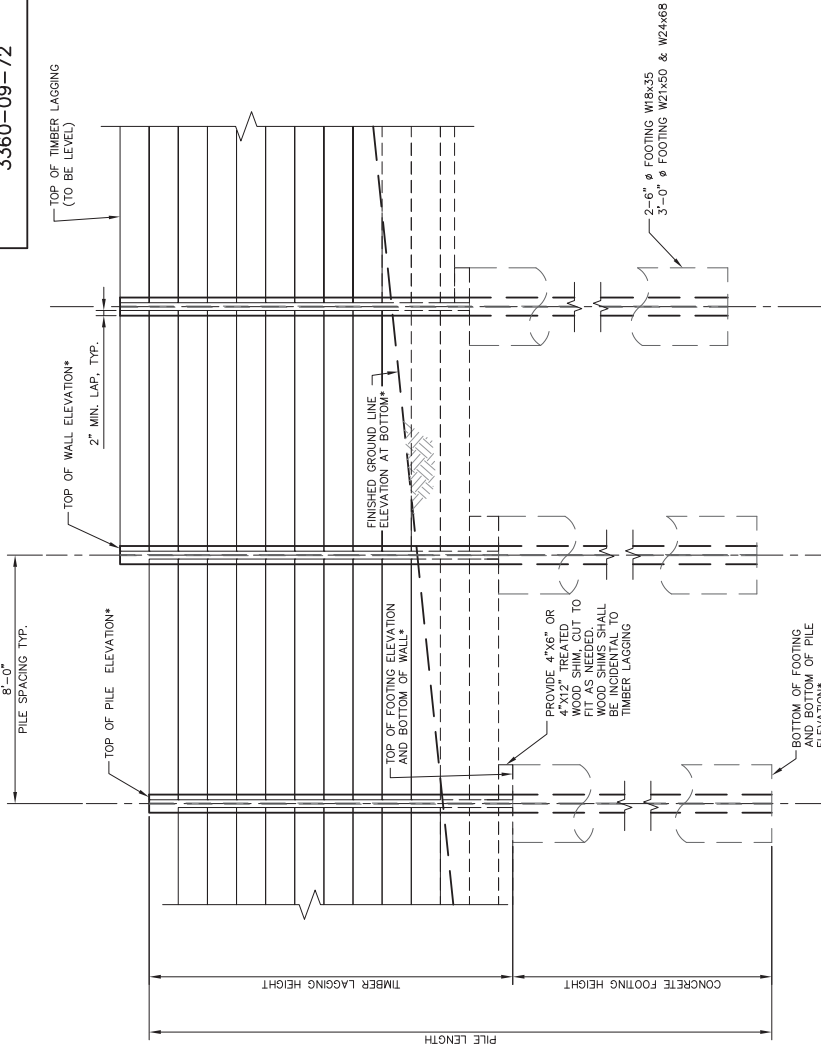
ACCEPTED
SHEET R-66-37
RETAINING WALL ALONG EAST SIDE OF STA 175

DEPARTMENT OF TRANSPORTATION
CHIEF STRUCTURES DESIGN ENGINEER
DATE

COUNTY WASHINGTON
TOWNSHIP GERMANTOWN

DESIGNED BY JAP
CHECKED BY NCG
DRAWN BY NCG
SCALE

GENERAL PLAN
SHEET 1 OF 7
548



* SEE "WALL DATA TABLE" SHEET FOR ELEVATIONS

William C. Duchen SDR
09/08/16



NO.	DATE	REVISION	BY
1	9.7.16	REVISE PILE BATTER	CDS

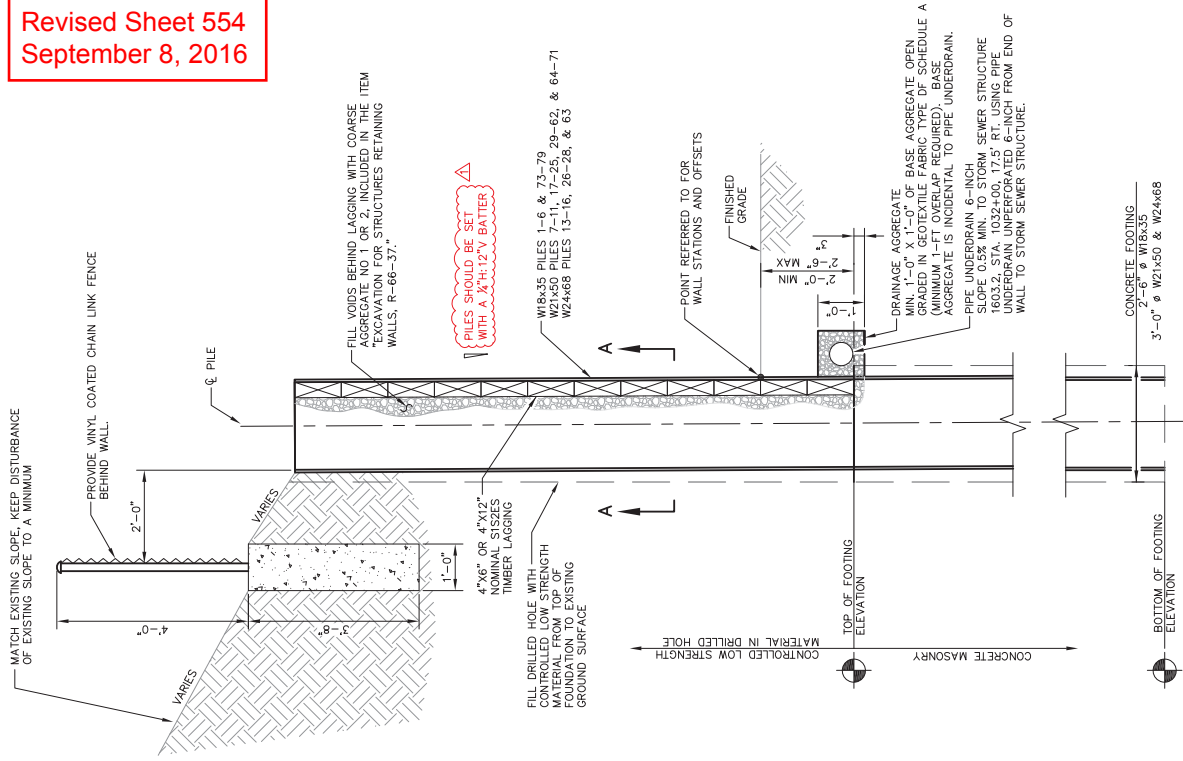
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE R-66-37

DESIGNED BY: N.J.B.
CHECKED BY: N.C.C.
DATE: 9/8/16

WALL DETAILS
SHEET 7 OF 7
554

Addendum No. 02
ID 3360-09-72
Revised Sheet 554
September 8, 2016



SECTION A-A

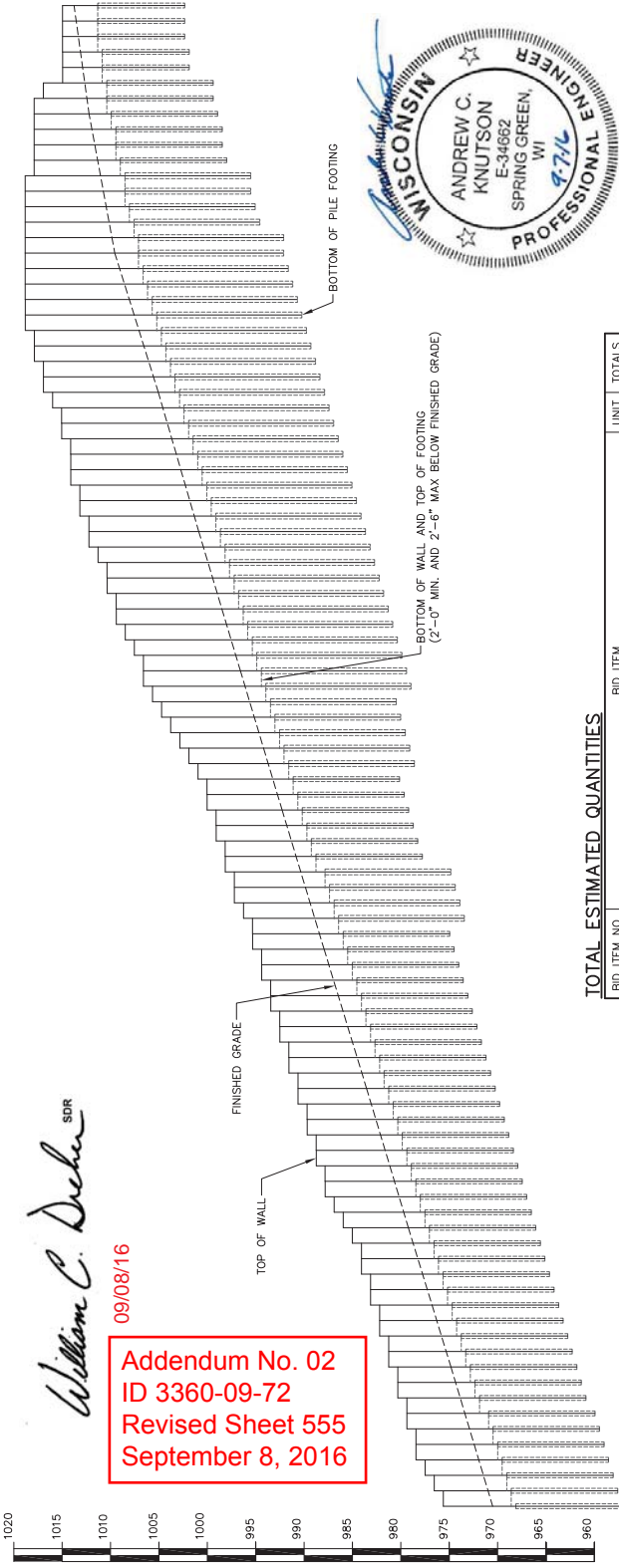
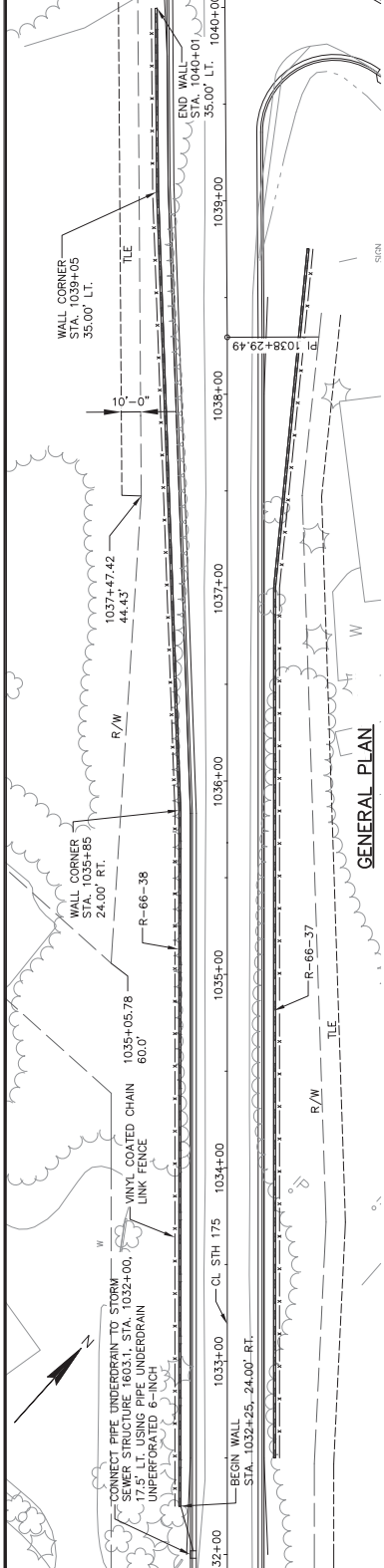
TYPICAL SECTION

DESIGN DATA

LIVE LOAD: LIVE LOAD SURCHARGE 100 P.S.F.
 ULTIMATE DESIGN STRESSES:
 CONCRETE MASONRY $f_c = 3,500$ psi
 STRUCTURAL STEEL HS $F_y = 50,000$ psi
 ALLOWABLE DESIGN STRESSES:
 TIMBER LAGGING $F_v = 975$ psi
 OR
 DOUGLAS FIR-LARCH (NO. 2) $F_v = 90$ psi
 SOUTHERN PINE (NO. 2) $F_c = 565$ psi
 CONSTRUCTION GRADE ROUGH CUT LUMBER $E_1 = 1,600,000$ psi

GENERAL NOTES:

DRAWINGS SHALL NOT BE SCALED.
 ALL DIMENSIONS ARE FEET (FT) UNLESS OTHERWISE NOTED.
 THE EXISTING GROUNDLINE SHALL BE THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES RETAINING WALLS, R-66-38".
 CONTROLLED LOW STRENGTH MATERIAL IS INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS, R-66-38". SEE THE DRAWING NOTES FOR DESCRIPTION OF CONTROLLED LOW STRENGTH MATERIAL.
 TIMBER LAGGING SHALL BE NOMINAL 4"x6" OR 4"x12", SIZES, PRESSURE TREATED WITH ALKALINE COPPER QUATERNARY (ACQ) TO A 0.04 POF RETENTION PER CURRENT SPECIFICATIONS OR ASHOTO SPECIFICATIONS. PLACE ROUGH SIDE AGAINST SOIL.
 ALL WOOD SHALL BE GRADED AS PER NFPA 1991 NDS FOR WOOD CONSTRUCTION.
 PRIME STEEL PILING FROM TOP TO BOTTOM OF PILE WITH ZINC RICH PRIMER, BID ITEM "PAINTING EPOXY SYSTEM" SHALL INCLUDE PAINTING STEEL PILING FROM TOP OF PILE DOWN TO FOOT BELOW TOP OF CONCRETE FOOTING. COLOR OF EPOXY PAINT TOP COAT SHALL BE COLOR NO. 30257 (TAN).
 ANY ADDITIONAL SHORING REQUIRED TO CONSTRUCT WALL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO WALL CONSTRUCTION.
 CONNECTION OF PIPE UNDERDRAIN TO STORM SEWER STRUCTURE IS INCLUDED IN THE BID ITEM "PIPE UNDERDRAIN UNPERFORATED 6-INCH."
 SEE ROADWAY PLANS FOR GRADING PLAN AND DETAILS.
 SEE ROADWAY PLANS FOR EXISTING UTILITY LOCATIONS.
 EXCAVATION IN FRONT OF RETAINING WALL IS COMMON EXCAVATION (ROADWAY BID ITEM).



LIST OF DRAWINGS

- GENERAL PLAN
- PLAN & ELEVATION (1)
- PLAN & ELEVATION (2)
- SUBSURFACE EXPLORATION (1)
- SUBSURFACE EXPLORATION (2)
- WALL DETAILS
- WALL DETAILS

DESIGN CONTACTS

CONSULTANT CONTACT
 ANDREW KNUTSON, P.E., S.E.
 (608) 588-7866
 BRIDGE OFFICE CONTACT
 WILLIAM DREHER, P.E.
 (608) 266-8489

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	BID ITEM	UNIT	TOTALS
206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS, R-66-38	LS	1
504.0500	CONCRETE MASONRY RETAINING WALLS	CY	235
506.0605	STRUCTURAL STEEL HS	LB	97,340
507.0200	TREATED LUMBER AND TIMBER	MBM	38.2
517.0600	PAINTING EPOXY SYSTEM, R-66-38	LS	1
612.0206	PIPE UNDERDRAIN 6-INCH	LF	780
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	25
636.0050.S	FOUNDATION DRILLING 30-INCH DIAMETER	LF	695
636.0050.S	FOUNDATION DRILLING 36-INCH DIAMETER	LF	619
645.0111	GEOTEXTILE FABRIC TYPE DF SCHEDULE A	SY	435
SPV.0090.03	FENCE CHAIN LINK VINYL COATED 4-FT	LF	775

BENCH MARKS

NO.	STATION	DESCRIPTION	OFFSET	ELEVATION
109	1025+52	CAPPED REBAR	19.1' RT	929.73
110	1031+60	CAPPED REBAR	24.0' RT	967.09
111	1034+25	CAPPED REBAR	39.8' LT	999.53
112	1038+05	CAPPED REBAR	37.9' RT	1016.39

COORDINATE REFERENCE SYSTEM: WISCONSIN COUNTY COORDINATE SYSTEM (WCS), WASHINGTON COUNTY, MAD 1983 (97) VERTICAL DATUM AND ADJUSTMENT: NAVD 88 (2007)

William C. Duchen
 SDR
 09/08/16

Addendum No. 02
 ID 3360-09-72
 Revised Sheet 555
 September 8, 2016

WESTBROOK
 Associated Engineers, Inc.
 619 EAST HOXE STREET
 SPRING GREEN, WI 53588
 PHONE (608) 588-7866
 FAX (608) 588-7954

STATE OF WISCONSIN
 DEPARTMENT OF TRANSPORTATION

ACCEPTED: CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-66-38
 RETAINING WALL ALONG WEST SIDE OF STA 175

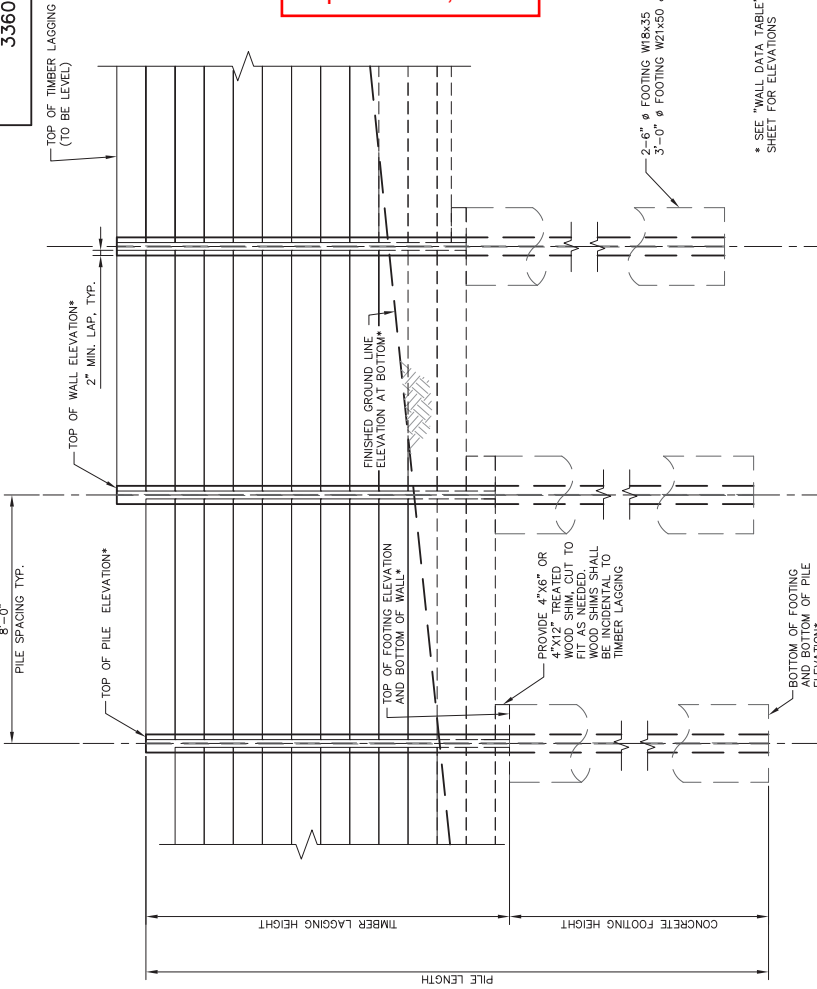
COUNTY: WASHINGTON TOWNSHIP: GERMANTOWN

DESIGNED BY: JAP
 CHECKED BY: NCG
 DRAWN BY: NCG
 IN CHARGE BY: NCG

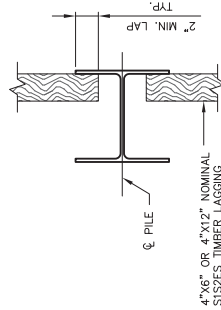
GENERAL PLAN
 SHEET 1 OF 7
 555

STATE PROJECT NUMBER
3360-09-72

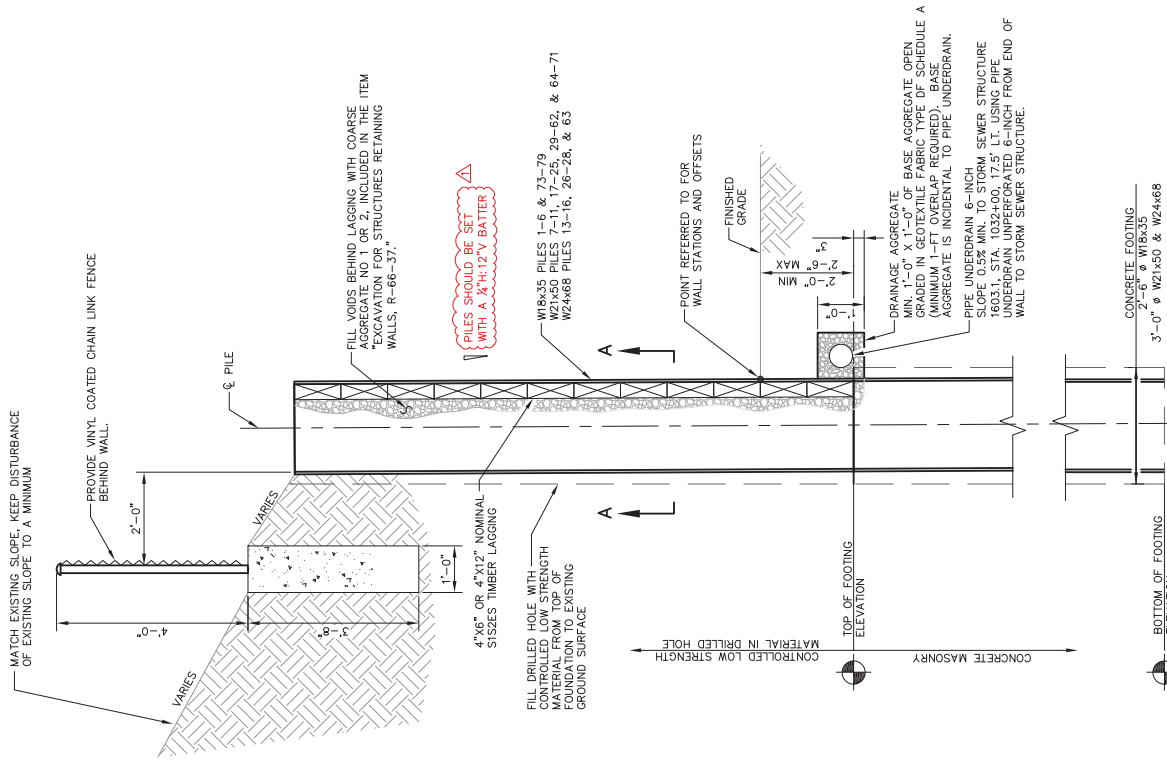
Addendum No. 02
ID 3360-09-72
Revised Sheet 561
September 8, 2016



TYPICAL WALL ELEVATION



SECTION A-A



TYPICAL SECTION

William C. Decker SDR
09/08/16



NO.	DATE	REVISION	REVISOR
9.7.16		REVISE PILE BATTER	CDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION
STRUCTURE R-66-38

DESIGNED BY: N.J.B.
CHECKED BY: N.C.C.
DATE: 09/08/16
SHEET 7 OF 7
561

WALL DETAILS

PLOT SCALE: 1:1

PLOT BY: cscshub

PLOT DATE: Sep 07, 2016

FILE NAME: W:\Projects\RD\1140\project 2.dgn\080103.ctb_R-66-38_7.dwg

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160913008PROJECT(S):
3360-09-72FEDERAL ID(S):
WISC 2016309

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1790	636.0050.S Foundation Drilling (diameter) 01. 30-Inch	715.000 LF	.	.	.	.
1800	636.0050.S Foundation Drilling (diameter) 02. 36-Inch	1,480.000 LF	.	.	.	.
1810	637.1220 Signs Type I Reflective SH	172.000 SF	.	.	.	.
1820	637.2210 Signs Type II Reflective H	1,626.490 SF	.	.	.	.
1830	637.2230 Signs Type II Reflective F	640.250 SF	.	.	.	.
1840	638.2102 Moving Signs Type II	15.000 EACH	.	.	.	.
1850	638.2602 Removing Signs Type II	222.000 EACH	.	.	.	.
1860	638.3000 Removing Small Sign Supports	236.000 EACH	.	.	.	.
1870	641.8100 Overhead Sign Support (structure) 01. S-66-609	LUMP	LUMP	.	.	.
1880	641.8100 Overhead Sign Support (structure) 02. S-66-610	LUMP	LUMP	.	.	.
1890	641.8100 Overhead Sign Support (structure) 03. S-66-242	LUMP	LUMP	.	.	.