



Wisconsin Department of Transportation

October 31, 2019

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

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NOTICE TO ALL CONTRACTORS:

Proposal #23: 9108-02-71
T Underhill, CTH H
Oconto River Bridge B-42-0132
CTH H
Oconto County

Letting of November 12, 2019

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

Special Provisions:

Added Special Provisions	
Article No.	Description
19	Interpretive Sign Feature, Item SPV.0105.01
20	Grading, Shaping, and Finishing Interpretive Area, SPV.0105.02

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
305.0120	Base Aggregate Dense 1 1/4-Inch	Ton	700	7	707
628.1504	Silt Fence	LF	525	75	600
628.1520	Silt Fence Maintenance	LF	1050	150	1200

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
602.0405	Concrete Sidewalk 4-Inch	SF	0	175	175
SPV.0105.01	Interpretive Sign Feature	LS	0	1	1
SPV.0105.02	Grading, Shaping, and Finishing Interpretive Area	LS	0	1	1

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
9 - 11	Miscellaneous Quantities (Updated and Added Items)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
6A & 6B	Interpretive Area Plan

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

ADDENDUM NO. 01

9108-02-71

October 31, 2019

Special Provisions

19. Interpretive Sign Feature, Item SPV.0105.01.

A Description

This special provision describes the Interpretive Sign Feature including sign, railings, concrete bases and installing salvaged bridge columns as shown on plans and hereinafter described.

B Materials

B.1 Design Requirements

Concrete and steel reinforcement: Conforming to standard spec 654.

Railing: Aluminum, Conforming to standard spec. 513. Powdercoated. Color PMS-1615

Sign Mounting: Aluminum according to manufacturer's recommendations for rail mounted sign. Powdercoated. Color PMS-1615

Sign Panel: 0.09" thick, flat, fiberglass embedment sign panel resulting in a solid, one-piece panel with all graphic elements embedded a minimum of 1/32. Manufactured of clear, UV stabilized, acrylic-modified polyester resin reinforced with high solubility, chopped strand fiberglass mat so that the index of refraction ensures clarity of all color, copy, and graphics. Sign has a glass content of no less than 28% of the total sign weight.

Sign face cannot be permanently defaced by steam, mild acids, aromatics, scratching, inks, or paints and can be readily wiped clean with cleaning solutions without affecting the appearance or legibility of the sign finish or graphics.

Sign face to retain legibility and finished appearance when sprayed with a 10% solution of hydrochloric, nitric, or sulfuric acid for one-half hour or when scrubbed by a brush of medium hardness using common commercial cleaning compounds such as ammonia, laundry soaps, detergents, carbon tetrachloride, or petroleum-based solvents.

Sign edges to be smooth, clean, and neat.

Graphic: Provided by Project engineer in PDF format.

Mounting Hardware: Stainless Steel

Mortar shall conform to Type S, ASTM C-270 with color to match salvaged bridge columns or selected by Project Engineer.

B.2 Plan Requirements and Submittals

Shop Drawings: Submit shop drawings for sign mounting assembly.

C Construction

Install concrete base and reinforcement according to standard spec 654.

Install salvaged bridge columns and railings. Columns and railings shall be plumb and level. Grout in place.

D Measurement

The department will measure Interpretive Sign Feature as a lump sum acceptably completed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01	Interpretive Sign Feature	LS

Payment is full compensation for providing concrete bases; railings; sign panel and mounting system; for shop drawings; for fasteners; for bar steel reinforcement; and for excavating, backfilling, disposing of surplus materials for bases, and installing salvaged bridge columns.

The salvaging of the bridge columns, concrete sidewalk, grading and finishing, and silt fence items will be measured and paid for under other contract bid items.

20. Grading, Shaping, and Finishing Interpretive Area, SPV.0105.02.

A Description

This special provision describes excavating, filling, grading, shaping, compacting, and finishing as necessary to construct the Interpretive Area as the plans show and directed by the engineer

B (Vacant)

C Construction

Dispose of all surplus and unsuitable material as specified in standard spec 205.3.12.

D Measurement

The department will measure Grading, Shaping, and Finishing Interpretive Area as a single complete unit of work.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.02	Grading, Shaping, and Finishing Interpretive Area	LS

Payment is full compensation for all excavating, grading, shaping, and compacting; and for providing and placing fill, topsoil, fertilizer, seed, and mulch.

The base course and concrete sidewalk will be measured and paid for under other contract bid items.

Schedule of Items

Attached, dated October 31, 2019, are the revised Schedule of Items Pages 1 – 4.

Plan Sheets

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

Revised: 9, 10, and 11.

Added: 6A and 6B

END OF ADDENDUM



The County Highway H Bridge



These piers are part of the original County Highway H Bridge, built in 1938 by the Works Progress Administration. The WPA was a federal government program during the Great Depression. The WPA's purpose was to provide jobs to the unemployed and to stimulate the economy. During its existence, the WPA employed 43,000 people per year in Wisconsin alone.

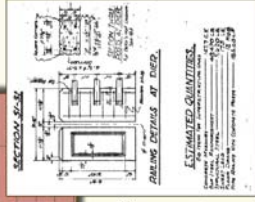
WPA projects in Oconto County included building projects and conservation work such as planting trees, building dams, and improving County-owned parks and lakes. The largest local WPA projects were five county-wide road projects. These projects totaled \$1.16 million and employed over 1,600 workers during 1936 and 1942.

The WPA built 10 bridges in Oconto County in Oconto, Gillett, and on rural roads like Highway H. WPA funding for the County Highway H Bridge was approved in August 1936. The Wisconsin Highway Commission approved plans for the bridge in January 1937. The bridge was constructed in 1938 by local builders. In 2020, the original County Highway H bridge was replaced.

PA	ADDITIONAL	ESTIMATE	DATE	BY	REVISIONS
1938	1938	1938	1938	1938	1938

The WPA Project Card for the bridge (above) provides information such as funding amount, start date, and the planned project activities.

A detail from the 1937 Wisconsin Highway Commission plans for the bridge (at right) includes construction specifications for the piers, and an estimated quantity of required materials.



Images courtesy of the Wisconsin Historical Society and the Wisconsin Department of Transportation Highway Structures Information System. Funding provided by the Wisconsin Department of Transportation and Oconto County.

Addendum No. 01
ID 9108-02-71
Added Sheet 6B
October 31, 2019

INTERPRETIVE SIGNAGE

Addendum No. 01
ID 9108-02-71
Revised Sheet 9
October 31, 2019

GRUBBING

STATION	TO	STATION	LOCATION	201.0205 GRUBBING STA
8+25	-	11+50	CTHH	4
TOTAL				
				4

BASE AGGREGATE DENSE AND WATER

STATION	TO	STATION	LOCATION	305.0110 3/4-INCH TON	305.0120 1 1/4-INCH TON	624.0100 WATER MGAL
7+50	-	7+75	CTHH, RT	-	7	-
8+25	-	9+49.55	CTHH	20	380	4
10+50.45	-	11+50	CTHH	20	310	3
TOTALS						
				40	707	7

CONCRETE PAVEMENT

STATION	TO	STATION	LOCATION	415.0080 8-INCH SY	415.0410 APPROACH SLAB SY
9+28	-	9+49.55	CTHH	20	55
10+50.45	-	10+72	CTHH	20	55
TOTALS					
				40	110

EARTHWORK SUMMARY

Division	From/To Station	Location	Common Excavation (Item #205.0100) Cut (2)	Unusable Pavement Material (4)	Available Material (5)	Excavation Marsh (6)	Expanded Marsh Backfill (10) (Item #208.1100) Factor	Unexpanded Fill	Expanded Fill (13) Factor	Mass Ordinate +/- (14)	Borrow (Item #208.0100)	Comment:
1	8+25 - 11+50	CTHH	254	100	154	603	1.50	775	1.008	-854	854	
Division 1 Total			254	100	154	603	905	775	1.008	-854	854	

- 2) Unusable Pavement Material is included in Cut
- 4) Unusable Pavement Material = Existing Asphaltic Pavement
- 5) Available Material = Cut - Unusable Pavement Material
- 6) Marsh Excavation - to be backfilled with Select Borrow Material.
- 10) Expanded Marsh Backfill - This is to be filled with Select Borrow material. Marsh Backfill Factor = 1.5. Item Number 208.1100.
- 13) Expanded Fill. Factor = 1.3. Expanded Fill = (Unexpanded Fill - Reduced EBS) * Fill Factor
- 14) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.

ASPHALTIC SURFACE & TACK COAT

STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	465.0105 ASPHALTIC SURFACE TON
8+25	-	9+28	CTHH	23	80
10+72	-	11+50	CTHH	17	60
TOTALS					
				40	140

TOPSOIL, FERTILIZER AND SEED

STATION	TO	STATION	LOCATION	625.0100 TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0200 SEEDING TEMPORARY LB
8+25	-	9+49.55	CTHH	500	0.4	15	15
10+50.45	-	11+50	CTHH	520	0.4	15	15
UNDISTRIBUTED							
TOTALS				1,250	1	35	35

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 ID 9108-02-71
 Revised Sheet 10
 October 31, 2019

SILT FENCE				EROSION MAT				TURBIDITY BARRIERS				
STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 MAINTENANCE LF	REMARKS	STATION	TO	STATION	LOCATION	628.6005 SY	REMARKS
7+50	-	7+75	CTH H, RT	80	160	INTERPRETIVE AREA	WEST ABUTMENT	CTH H	260	ABUTMENT CONSTRUCTION		
8+25	-	9+00	CTH H, LT	90	180		EAST ABUTMENT	CTH H	120	DURING PER REMOVAL		
8+25	-	9+53	CTH H, RT	145	290			CTH H	180	ABUTMENT CONSTRUCTION		
10+45	-	11+50	CTH H, LT	115	230							
10+88	-	11+80	CTH H, RT	75	150							
TOTALS				600	1,200		TOTAL		560			

ROCK BAGS			
STATION	TO	STATION	LOCATION
UNDISTRIBUTED 95			
TOTALS			

URBAN CLASS I TYPE B			
STATION	TO	STATION	LOCATION
UNDISTRIBUTED 1,250			
TOTALS			

SIGN REFLECTIVITY TYPE II AND WOOD POSTS			
STATION	TO	STATION	LOCATION
UNDISTRIBUTED 637.2230			
TOTALS			

REMOVING SIGNS & SUPPORTS			
STATION	TO	STATION	LOCATION
UNDISTRIBUTED 6			
TOTALS			

SMALL SIGN SUPPORTS			
STATION	TO	STATION	LOCATION
UNDISTRIBUTED 6			
TOTALS			

WOOD POSTS 4" X 6" X 12' EACH			
STATION	TO	STATION	LOCATION
UNDISTRIBUTED 4			
TOTALS			

TRAFFIC CONTROL SUMMARY											
STATION	TO	STATION	LOCATION	638.2602 SIGNS TYPE II EACH	638.3000 SMALL SIGN SUPPORTS EACH	643.0705 WARNING LIGHTS TYPE A NO. IN SERVICE	643.0800 SIGNS NO. IN SERVICE	643.1050 SIGNS PCMS NO. IN SERVICE	APPROXIMATE SERVICE DAYS	DESCRIPTION	DAYS
9+20	-	9+52	CTH H, RT	1	1	4	2	170	85	CTH H/CTH R	170
10+48	-	11+12	CTH H, LT & RT	2	2	4	3	255	85	CTH H/MORGAN ROAD	170
10+48	-	11+12	CTH H, LT & RT	2	2	10	7	595	85	WEST WORK ZONE LIMITS	170
11+12	-	11+12	CTH H, LT	1	1	10	7	595	85	EAST WORK ZONE LIMITS	170
TOTALS				6	6	340	3	1,445	3,060	CTH H/HWEBER LANE	1,445

MISCELLANEOUS QUANTITIES											
STATION	TO	STATION	LOCATION	643.0705 WARNING LIGHTS TYPE A NO. IN SERVICE	643.0800 SIGNS NO. IN SERVICE	643.1050 SIGNS PCMS NO. IN SERVICE	APPROXIMATE SERVICE DAYS	DESCRIPTION	DAYS		
TOTALS				3,060	1,445	14	1,870	14,445	14	SEE BARRICADES AND SIGNS FOR MAINLINE CLOSURES DETAIL A	
TOTALS				3,060	1,445	14	1,870	14,445	14	SEE BARRICADES AND SIGNS FOR MAINLINE CLOSURES DETAIL C	
TOTALS				3,060	1,445	14	1,870	14,445	14	SEE BARRICADES AND SIGNS FOR MAINLINE CLOSURES DETAIL C	
TOTALS				3,060	1,445	14	1,870	14,445	14	SEE BARRICADES AND SIGNS FOR MAINLINE CLOSURES DETAIL C	
TOTALS				3,060	1,445	14	1,870	14,445	14	SEE BARRICADES AND SIGNS FOR MAINLINE CLOSURES DETAIL A	

Addendum No. 01
ID 9108-02-71
Revised Sheet 11
October 31, 2019

MARKING LINE EPOXY

STATION	TO	STATION	LOCATION	4-INCH (WHITE) LF	4-INCH (YELLOW) LF
8+25	-	11+60	CTHH	650	650
TOTAL				1,300	

SAWING ASPHALT

STATION	LOCATION	600.0150 LF
8+25	CTHH	28
11+00	CTHH	24
TOTAL		52

CONCRETE SIDEWALK 4-INCH

STATION	TO	STATION	LOCATION	602.0405 SF
7+60	-	7+75	CTHH, RT	175
TOTAL				175

CONSTRUCTION STAKING

STATION	TO	STATION	LOCATION	SUBGRADE LF	650.5000 BASE LF	650.6500 STRUCTURE LAYOUT LS	650.9910 SUPPLEMENTAL CONTROL LS	650.9920 SLOPE STAKES LF	CATEGORY
8+25	-	9+49.55	CTHH	125	125	-	1	125	0010
10+50.45	-	11+60	CTHH	100	100	-	-	100	0010
SUBTOTALS				225	225	0	1	225	0010
10+00				-	-	1	-	-	0020
SUBTOTALS				0	0	1	0	0	0020
TOTALS				225	225	1	1	225	

GRADING, SHAPING, AND FINISHING INTERPRETIVE AREA

STATION	TO	STATION	LOCATION	SPV.0105.02 LS	CUT CY	FILL CY
10+20	-	11+45	INTERPRETIVE AREA	1	10	5
TOTAL				1	10	5

NOTE: CUT AND FILL QUANTITIES FOR INFORMATION ONLY



Proposal Schedule of Items

Proposal ID: 20191112023 Project(s): 9108-02-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0205 Grubbing	4.000 STA	_____.	_____.
0004	203.0600.S Removing Old Structure Over Waterway With Minimal Debris (station) 01. 10+00	LS	LUMP SUM	_____.
0006	205.0100 Excavation Common	254.000 CY	_____.	_____.
0008	205.0400 Excavation Marsh	603.000 CY	_____.	_____.
0010	206.1000 Excavation for Structures Bridges (structure) 01. B-42-132	LS	LUMP SUM	_____.
0012	206.5000 Cofferdams (structure) 01. B-42-132	LS	LUMP SUM	_____.
0014	208.0100 Borrow	854.000 CY	_____.	_____.
0016	208.1100 Select Borrow	905.000 CY	_____.	_____.
0018	210.1500 Backfill Structure Type A	740.000 TON	_____.	_____.
0020	213.0100 Finishing Roadway (project) 01. 9108- 02-71	1.000 EACH	_____.	_____.
0022	305.0110 Base Aggregate Dense 3/4-Inch	40.000 TON	_____.	_____.
0024	305.0120 Base Aggregate Dense 1 1/4-Inch	707.000 TON	_____.	_____.
0026	415.0080 Concrete Pavement 8-Inch	40.000 SY	_____.	_____.
0028	415.0410 Concrete Pavement Approach Slab	110.000 SY	_____.	_____.
0030	455.0605 Tack Coat	40.000 GAL	_____.	_____.
0032	465.0105 Asphaltic Surface	140.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20191112023 Project(s): 9108-02-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	502.0100 Concrete Masonry Bridges	395.000 CY	_____.	_____.
0036	502.3200 Protective Surface Treatment	420.000 SY	_____.	_____.
0038	505.0400 Bar Steel Reinforcement HS Structures	8,880.000 LB	_____.	_____.
0040	505.0600 Bar Steel Reinforcement HS Coated Structures	51,410.000 LB	_____.	_____.
0042	513.4061 Railing Tubular Type M	204.000 LF	_____.	_____.
0044	516.0500 Rubberized Membrane Waterproofing	16.000 SY	_____.	_____.
0046	550.2126 Piling CIP Concrete 12 3/4 X 0.375-Inch	2,060.000 LF	_____.	_____.
0048	606.0300 Riprap Heavy	350.000 CY	_____.	_____.
0050	612.0406 Pipe Underdrain Wrapped 6-Inch	180.000 LF	_____.	_____.
0052	619.1000 Mobilization	1.000 EACH	_____.	_____.
0054	624.0100 Water	7.000 MGAL	_____.	_____.
0056	625.0100 Topsoil	1,250.000 SY	_____.	_____.
0058	628.1504 Silt Fence	600.000 LF	_____.	_____.
0060	628.1520 Silt Fence Maintenance	1,200.000 LF	_____.	_____.
0062	628.1905 Mobilizations Erosion Control	5.000 EACH	_____.	_____.
0064	628.1910 Mobilizations Emergency Erosion Control	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20191112023 Project(s): 9108-02-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0066	628.2008 Erosion Mat Urban Class I Type B	1,250.000 SY	_____.	_____.
0068	628.6005 Turbidity Barriers	560.000 SY	_____.	_____.
0070	628.7570 Rock Bags	75.000 EACH	_____.	_____.
0072	629.0210 Fertilizer Type B	1.000 CWT	_____.	_____.
0074	630.0120 Seeding Mixture No. 20	35.000 LB	_____.	_____.
0076	630.0200 Seeding Temporary	35.000 LB	_____.	_____.
0078	634.0612 Posts Wood 4x6-Inch X 12-FT	4.000 EACH	_____.	_____.
0080	637.2230 Signs Type II Reflective F	12.000 SF	_____.	_____.
0082	638.2602 Removing Signs Type II	6.000 EACH	_____.	_____.
0084	638.3000 Removing Small Sign Supports	6.000 EACH	_____.	_____.
0086	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0088	643.0420 Traffic Control Barricades Type III	1,870.000 DAY	_____.	_____.
0090	643.0705 Traffic Control Warning Lights Type A	3,060.000 DAY	_____.	_____.
0092	643.0900 Traffic Control Signs	1,445.000 DAY	_____.	_____.
0094	643.1050 Traffic Control Signs PCMS	14.000 DAY	_____.	_____.
0096	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0098	645.0111 Geotextile Type DF Schedule A	130.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20191112023 Project(s): 9108-02-71

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0100	645.0120 Geotextile Type HR	640.000 SY	_____.	_____.
0102	646.1020 Marking Line Epoxy 4-Inch	1,300.000 LF	_____.	_____.
0104	650.4500 Construction Staking Subgrade	225.000 LF	_____.	_____.
0106	650.5000 Construction Staking Base	225.000 LF	_____.	_____.
0108	650.6500 Construction Staking Structure Layout (structure) 01. B-42-132	LS	LUMP SUM	_____.
0110	650.9910 Construction Staking Supplemental Control (project) 01. 9108-02-71	LS	LUMP SUM	_____.
0112	650.9920 Construction Staking Slope Stakes	225.000 LF	_____.	_____.
0114	690.0150 Sawing Asphalt	52.000 LF	_____.	_____.
0116	715.0415 Incentive Strength Concrete Pavement	500.000 DOL	1.00000	500.00
0118	715.0502 Incentive Strength Concrete Structures	2,370.000 DOL	1.00000	2,370.00
0120	SPV.0060 Special 01. Underwater Substructure Inspection B-42-132	1.000 EACH	_____.	_____.
0122	602.0405 Concrete Sidewalk 4-Inch	175.000 SF	_____.	_____.
0124	SPV.0105 Special 01. Interpretive Sign Feature	LS	LUMP SUM	_____.
0126	SPV.0105 Special 02. Grading, Shaping, and Finishing Interpretive Area	LS	LUMP SUM	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.