



Wisconsin Department of Transportation

September 23, 2015

Division of Transportation Systems Development

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

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NOTICE TO ALL CONTRACTORS:

Proposal #01: 1060-33-81, WISC 2015 473
Zoo IC – Zoo Interchange Phase 2
Lincoln – Bluemound, 121st to 70th
USH 45
Milwaukee County

1060-34-82
Zoo IC – IH 894 NB Auxiliary Lane
Oklahoma Ave to National Ave
IH 894
Milwaukee County

1060-43-81, WISC 2015 474
East West Freeway
Underwood Cr Prkwy & 121st St Brdg
IH 94
Milwaukee County

Letting of September 29, 2015

This is Addendum No. 04, which provides for the following:

Special Provisions

| Revised Special Provisions | |
|----------------------------|---|
| Article No. | Description |
| 4 | Prosecution and Progress |
| 5 | Lane Rental Assessment |
| 54 | Pay Plan Quantity |
| 88 | Railing Pipe B-40-585, Item 513.2000.0001; R-40-467, Item 513.2000.0002; R-40-469, Item 513.2000.0003; R-40-498, Item 513.2000.0004; R-40-507, Item 513.2000.0005; R-40-509, Item 513.2000.0006; R-40-511, Item 513.2000.0007; R-40-516, Item 513.2000.0008; R-40-518, Item 513.2000.0009; R-40-522, Item 513.2000.0010; R-40-524, Item 513.2000.0011; R-40-525, Item 513.2000.0012; R-40-540, Item 513.2000.0013; R-40-545, Item 513.2000.0014; R-40-5557, Item 513.2000.0015; R-40-558, Item 513.2000.0016; R-40-559, Item 513.2000.0017; R-40-797, Item 513.2000.0018; R-40-655, Item 513.2000.0019. |

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| 91 | Concrete Staining B-40-786, Item 517.1010.S.0001; B-40-787, Item 517.1010.S.0002; B-40-788, Item 517.1010.S.0003; B-40-790, Item 517.1010.S.0004; B-40-795, Item 517.1010.S.0005; B-40-796, Item 517.1010.S.0006; B-40-797, Item 517.1010.S.0007; B-40-850, Item 517.1010.S.0008; B-40-851, Item 517.1010.S.0009; B-40-853, Item 517.1010.S.0010; B-40-854, Item 517.1010.S.0011; B-40-856, Item 517.1010.S.0012; B-40-858, Item 517.1010.S.0013; B-40-859, Item 517.1010.S.0014; B-40-860, Item 517.1010.S.0015; B-40-861, Item 517.1010.S.0016; B-40-867, Item 517.1010.S.0017; B-40-869, Item 517.1010.S.0018; B-40-870, Item 517.1010.S.0019; B-40-882, Item 517.1010.S.0021; B-40-883, Item 517.1010.S.0022; R-40-467, Item 517.1010.S.0023; R-40-468, Item 517.1010.S.0024; R-40-469, Item 517.1010.S.0025; R-40-470, Item 517.1010.S.0026; R-40-497, Item 517.1010.S.0027; R-40-498, Item 517.1010.S.0028; R-40-505, Item 517.1010.S.0029; R-40-507, Item 517.1010.S.0030; R-40-509, Item 517.1010.S.0031; R-40-511, Item 517.1010.S.0033; R-40-516, Item 517.1010.S.0034; R-40-518, Item 517.1010.S.0035; R-40-520, Item 517.1010.S.0036; R-40-522, Item 517.1010.S.0037; R-40-524, Item 517.1010.S.0038; R-40-525, Item 517.1010.S.0039; R-40-527, Item 517.1010.S.0040; R-40-529, Item 517.1010.S.0041; R-40-532, Item 517.1010.S.0042; R-40-534, Item 517.1010.S.0043; R-40-535, Item 517.1010.S.0044; R-40-540, Item 517.1010.S.0045; R-40-545, Item 517.1010.S.0046; R-40-547, Item 517.1010.S.0047; R-40-557, Item 517.1010.S.0048; R-40-558, Item 517.1010.S.0049; R-40-559, Item 517.1010.S.0050; S-40-11, Item 517.1010.S.0051; S-40-13, Item 517.1010.S.0052; S-40-15, Item 517.1010.S.0053; S-40-26, Item 517.1010.S.0054; S-40-29, Item 517.1010.S.0055; S-40-30, Item 517.1010.S.0056; S-40-31, Item 517.1010.S.0057; S-40-35, Item 517.1010.S.0058; S-40-40, Item 517.1010.S.0060; S-40-42, Item 517.1010.S.0062; S-40-46, Item 517.1010.S.0063; S-40-52, Item 517.1010.S.0064; S-40-74, Item 517.1010.S.0065; S-40-82, Item 517.1010.S.0067; S-40-102, Item 517.1010.S.0069; S-40-111, Item 517.1010.S.0072; S-40-114, Item 517.1010.S.0074; S-40-115, Item 517.1010.S.0075; S-40-3, Item 517.1010.S.0076; S-40-8, Item 517.1010.S.0077; S-40-10, Item 517.1010.S.0078; S-40-19, Item 517.1010.S.0079; S-40-20, Item 517.1010.S.0080; S-40-23, Item 517.1010.S.0081; S-40-33, Item 517.1010.S.0082; S-40-34, Item 517.1010.S.0083; S-40-45, Item 517.1010.S.0084; S-40-53, Item 517.1010.S.0085; S-40-55, Item 517.1010.S.0086; S-40-80, Item 517.1010.S.0087; S-40-81, Item 517.1010.S.0088; S-40-84, Item 517.1010.S.0089; S-40-86, Item 517.1010.S.0090; S-40-91, Item 517.1010.S.0091; S-40-93, Item 517.1010.S.0092; S-40-97, Item 517.1010.S.0094; S-40-98, Item 517.1010.S.0095; S-40-103, Item 517.1010.S.0096; S-40-105, Item 517.1010.S.0097; S-40-112, Item 517.1010.S.0098; S-40-138, Item 517.1010.S.0099; B-40-871, Item 517.1010.S.0103; B-40-872, Item 517.1010.S.0104; B-40-873, Item 517.1010.S.0105; B-40-874, Item 517.1010.S.0106; R-40-495, Item 517.1010.S.0107; R-40-631, Item 517.1010.S.0109; R-40-655, Item 517.1010.S.0110; S-40-782, Item 517.1010.S.0111; S-40-787, Item 517.1010.S.0112; S-67-47, Item 517.1010.S.0113 |
| 92 | Concrete Staining Multi-Color B-40-870, Item 517.1015.S.0001; R-40-525, Item 517.1015.S.0002; R-40-529, Item 517.1015.S.0003; R-40-532, Item 517.1015.S.0004; R-40-534, Item 517.1015.S.0005; R-40-540, Item 517.1015.S.0006; Minor Retaining Wall R-2, Item 517.1015.S.0007; R-40-524, Item 517.1015.S.0008 |
| 318 | Install Temporary Pavement Marking Reflective Orange Paint 4-Inch, Item SPV.0090.0320; 8-Inch, Item SPV.0090.0322; 24-Inch, Item SPV.0090.0324; Install Temporary Pavement Marking Orange Arrows, Item SPV.0060.0320 |
| 333 | Fence Decorative Bridge, Item SPV.0090.4400; Fence Decorative Wall, Item SPV.0090.4410 |
| 334 | Fence Decorative HAST Structure Mounted, Item SPV.0090.4411; Fence Decorative HAST Ground Mounted, Item SPV.0090.0605 |
| 355 | Lining 96-Inch Reinforced Concrete Storm Sewer Pipe, Item SPV.0090.8090 |
| 389 | Concrete Staining Previously Constructed Structure, Item SPV.0165.4785 |
| 390 | Concrete Staining Multi-Color Previously Constructed Structure, Item SPV.0165.4786 |

| Added Special Provisions | |
|---------------------------------|--|
| Article No. | Description |
| 409 | Maintaining and Removing Crash Cushion, Item SPV.0060.0430 |

Schedule of Items

| Revised Bid Item Quantities | | | | | |
|------------------------------------|--|------|--------------|------------------|----------------|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 204.0195 | Removing Concrete Bases | EACH | 15 | 12 | 137 |
| 204.0210 | Removing Manholes | EACH | 18 | 23 | 96 |
| 305.0120 | Base Aggregate Dense 1 ¼-Inch | TON | 271,829 | REMOVE PPQ | 271,829 |
| 653.0905 | Removing Pull Boxes | EACH | 55 | 49 | 50 |
| SPV.0060.0403 | Traffic Control Local Road Lane Closures | EACH | 50 | 250 | 250 |
| SPV.0060.2002 | Removing Ramp Control Signal Assembly Sidemount | EACH | 10 | 6 | 6 |
| SPV.0060.2003 | Removing Controller Cabinet | EACH | 5 | 6 | 6 |
| SPV.0060.2006 | Removing Electrical Service Meter Breaker Pedestal | EACH | 4 | 6 | 6 |
| SPV.0060.2009 | Removing Microwave Detector Assembly | EACH | 2 | 5 | 5 |
| SPV.0090.4450 | Removing Temporary Shoring Left In Place | LF | 549 | 357 | 622 |

| Added Bid Item Quantities | | | | | |
|----------------------------------|--|------|--------------|------------------|----------------|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| SPV.0060.0430 | Maintaining and Removing Crash Cushion | Each | 0 | 33 | 33 |

Plan Sheets

| Revised Plan Sheets | |
|----------------------------|--|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 383 | Revised temporary shoring left in place removals |
| 1627-1630 | Added Maintaining and Removing Crash Cushion item |
| 1636 | Revised temporary shoring left in place quantity |
| 1837 | Revised Traffic Control Local Road Lane Closure quantity |
| 1905 | Revised ITS Removal quantity totals |

| Added Plan Sheets | |
|--------------------------|---|
| Plan Sheet | Plan Sheet Title (brief description of why sheet was added) |
| 1904A | Replaced ITS Removal quantities |

| Deleted Plan Sheets | |
|----------------------------|---|
| Plan Sheet | Plan Sheet Title (brief description of why sheet was deleted) |
| 1904 | Deleted ITS Removal quantities |

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. 04

1060-33-81

September 23, 2015

Special Provisions

4. Prosecution and Progress

*Add the following paragraphs after paragraph 2 under section titled **Service Ramp Closure Restrictions***

Do not close the entrance ramp from National Avenue and the entrance ramp from Oklahoma Avenue to northbound IH 894/USH 45 at the same time.

Do not close the entrance ramp from National Avenue and the entrance ramp from Lincoln Avenue to northbound IH 894/USH 45 prior to the closure of any freeway lanes on northbound IH 894/USH 45, as shown in Stage 2 of project 1060-33-81, or as approved by the engineer.

5. Lane Rental Assessment

*Replace the table after the first paragraph under section titled **A.1 Freeway Lane Rental Assessment Table** with the following:*

| Freeway Lane Rental Assessment Table | | | | | | | | | | |
|--|---------------|----------------------|---------------------------------------|----------------------|------------------|----------------------|------------------------|----------------------|------------------|----------------------|
| Freeway Closure Type | Peak Hours | | Weekday Midday and Weekend Peak Hours | | Weekday Off-Peak | | Weekend Off-Peak Hours | | Night Time Hours | |
| | Hourly Rental | Closure Hour Credits | Hourly Rental | Closure Hour Credits | Hourly Rental | Closure Hour Credits | Hourly Rental | Closure Hour Credits | Hourly Rental | Closure Hour Credits |
| Shoulder when at least 8 ft, shoulder is reduced to less than 8 ft. | \$2,500 | 0 | \$1,900 | 0 | \$950 | 824 | \$400 | 618 | \$50 | 7023 |
| Single Lane when 2 or more lanes next to closure are open to traffic | \$35,000 | 0 | \$30,000 | 0 | \$7,200 | 0 | \$1,800 | 1235 | \$200 | 8670 |

| Freeway Lane Rental Assessment Table | | | | | | | | | | |
|---|---------------|----------------------|---------------------------------------|----------------------|------------------|----------------------|------------------------|----------------------|------------------|----------------------|
| Freeway Closure Type | Peak Hours | | Weekday Midday and Weekend Peak Hours | | Weekday Off-Peak | | Weekend Off-Peak Hours | | Night Time Hours | |
| | Hourly Rental | Closure Hour Credits | Hourly Rental | Closure Hour Credits | Hourly Rental | Closure Hour Credits | Hourly Rental | Closure Hour Credits | Hourly Rental | Closure Hour Credits |
| Single Lane when only 1 lane next to closure is open to traffic | \$63,500 | 0 | \$50,000 | 0 | \$20,000 | 0 | \$9,200 | 0 | \$900 | 2706 |
| 2 lanes when 2 lanes next to closure are open to traffic | \$40,000 | 0 | \$25,000 | 0 | \$13,400 | 0 | \$6,900 | 0 | \$700 | 5117 |
| 2 lanes when 1 lane next to closure is open to traffic | \$63,500 | 0 | \$35,600 | 0 | \$17,800 | 0 | \$9,200 | 0 | \$900 | 1906 |
| Service Ramp | \$2,000 | 0 | \$1,700 | 72* | \$1,500 | 0 | \$1,000 | 48* | \$700 | 6959 |
| System Ramp | \$42,500 | 0 | \$20,000 | 27* | \$10,000 | 0 | \$4,700 | 18* | \$700 | 7708 |
| Full Roadway Closure (One Direction of the Freeway) | \$120,000 | 0 | \$80,000 | 72* | \$40,000 | 0 | \$28,000 | 48* | \$1650 | 5977 |

54. Pay Plan Quantity

Replace entire article language with the following:

A Bid Items Designated as Pay Plan Quantity

Replace standard spec 109.1.1.2 with the following:

If the schedule of items designates a bid item with a ****P**** in the title, the department will not measure that bid item. The department will use the plan quantity, the approximate quantity shown on the schedule of items, for payment unless a contract revision affects a designated bid item.

If the engineer revises the contract under standard spec 104.2, the department will adjust the quantity of designated items that are affected by the revised work. The engineer will adjust the

affected quantity, with a contract modification as defined in standard spec 101.3, regardless of the magnitude of the revised work, which may result in either an increase or a decrease from the quantity shown on the schedule of items. The department will measure revised work as specified in standard spec 109.1.1.1. If the engineer revises the contract to eliminate a designated item, the engineer will not pay for the designated item, except as specified in standard spec 109.5.

The approximate quantity shown on the schedule of items for a designated item is for information only and only an estimate. The engineer makes no guarantee that the quantity, which can be determined by computations based on contract information, will equal the approximate quantity shown on the schedule of items.

If the engineer or contractor believes that the quantity shown in the schedule of items varies significantly from the work required in the contract or a quantity discrepancy significantly changes the character of the work, then follow the procedures as outlined in standard spec 104.2.

88. **Railing Pipe B-40-585, Item 513.2000.0001; R-40-467, Item 513.2000.0002; R-40-469, Item 513.2000.0003; R-40-498, Item 513.2000.0004; R-40-507, Item 513.2000.0005; R-40-509, Item 513.2000.0006; R-40-511, Item 513.2000.0007; R-40-516, Item 513.2000.0008; R-40-518, Item 513.2000.0009; R-40-522, Item 513.2000.0010; R-40-524, Item 513.2000.0011; R-40-525, Item 513.2000.0012; R-40-540, Item 513.2000.0013; R-40-545, Item 513.2000.0014; R-40-5557, Item 513.2000.0015; R-40-558, Item 513.2000.0016; R-40-559, Item 513.2000.0017; R-40-797, Item 513.2000.0018; R-40-655, Item 513.2000.0019.**

Replace entire article language with the following:

A Description

This special provision describes fabricating, galvanizing, painting and installing steel pipe railing in accordance with Sections 506, 513 and 517 of the Standard Specifications and the plan details, as directed by the Engineer, and as hereinafter provided..

B Materials

All materials for steel pipe railing shall be new stock, free from defects impairing strength, durability and appearance. Railing assemblies shall be galvanized and receive a two-coat paint system. Bubbles, blisters and flaking in the coating will be a basis for rejection.

B1.1 Two-Coat Paint System

Use one of the qualified paint manufacturers and products given below with the prime coat specifically intended for painting of galvanized surfaces. An equivalent system may be used with the written approval of the Engineer.

| Producer | Coat | Products | Dry Film Minimum Thickness (mils) | Minimum Time Between Coats (hours) |
|--|------|---|-----------------------------------|------------------------------------|
| Sherwin Williams 1051 Perimeter Drive, Suite 710 Schaumburg, IL 60173 847.330.1562 | Tie | Recoatable Epoxy Primer B67-5 Series/B67V5 | 2.0 to 4.0 | 6 |
| | Top | Acrolon 218 HS Polyurethane , B65-650 | 2.0 to 4.0 | NA |
| Carboline 350 Hanley Industrial | Tie | Rustbond Penetrating Sealer FC | 1 | 36 |

| | | | | |
|--|-----|-------------------------|------------|----|
| St. Louis, MO 63144 314.644.1000 | Tie | Carboguard 60 | 4.0 to 6.0 | 10 |
| | Tie | Carboguard 635 | 4.0 to 6.0 | 1 |
| | Top | Carboline 133 LH(satin) | 4 | NA |
| Wasser Corporation 4118 B Place NW Suite B Auburn, WA 98001 | Tie | MC-Ferrox B 100 | 3.0 to 5.0 | 8 |
| | Top | MC-Luster 100 | 2.0 to 4.0 | NA |
| PPG Protective and Marine Coatings P.O. Box 192610 Little Rock, AR 72219- 2610 414-339-5084 | Tie | Amercoat 399 | 3.0 to 5.0 | 3 |
| | Top | Amercoat 450H | 2.0 to 4.0 | NA |

B1.2 Color

The finished color for coating system for railing pipe shall match Federal Color 37038 – Black

C Construction

Supplement paragraph 513.3.1(1) with the following:

Submit shop drawings showing the details of railing construction. Show the railing height post spacing, rail location, weld sizes and locations and all dimensions necessary for the construction of the railing. Show location of shop rail splices, field erection joints and expansion joints. State the name of the paint manufacturer and the product name of the tie coat and top coat used along with the color. State the size and material type used for all components. Also show the size and location of any vent or drainage holes provided.

Delete paragraph 513.3.1(6) and replace with the following:

C1.1 Galvanizing

After fabrication, blast clean steel railing assemblies per SSPC-SP6 and galvanize according to ASTM A123. Vent holes shall be drilled in members as required to facilitate galvanizing and drainage. Location and size of vent holes are to be shown on the shop drawings. All burrs at component edges, corners and at holes shall be removed and sharp edges chamfered before galvanizing. Condition any thermal cut edges before blast cleaning by shallow grinding or other cleaning to remove any hardened surface layer. Remove all evident steel defects exposed in accordance to AASHTO M 160 prior to blast cleaning. Lumps, projections, globules, or heavy deposits of galvanizing, which will provide surface conditions that when painted, will produce unacceptable aesthetic and/or visual qualities, will not be permitted.

C1.2 Two-Coat Paint System

After galvanizing, paint all exterior surfaces of steel railing assemblies and inside of rail elements at field erection and expansion joints as hereinafter provided. All galvanized surfaces to be painted shall be cleaned per SSPC-SP1 to remove chlorides, sulfates, zinc salts, oil, dirt, organic matter and other contaminants. The cleaned surface shall then be brush blast cleaned per SSPC-SP16 to create a slight angular surface profile per manufacturer's recommendation for adhesion of the tie coat. Blasting shall not fracture the galvanized finish or remove any dry film thickness. After cleaning, apply a tie coat from an approved coating system that is specifically intended to be used on a galvanized surface, per manufacturer's recommendations. The tie coat shall etch the galvanized rail and prepare the surface for the top coat. Apply a top coat per manufacturer's recommendations, matching the specified color shown on the plans. Use a preapproved top coat that is resistant to the effects of the sun and is suitable for a marine environment. The tie and top coats should be of contrasting colors, and come from the same manufacturer.

Ensure that the paint manufacturer reviews the process to be used for surface preparation and application of the paint coating system with the paint applicator. The review shall include a visit to the facility performing the work if requested by the paint manufacturer. Provide written confirmation, from the paint manufacturer to the engineer, that the review has taken place and that issues raised have been addressed before beginning coating work under the contract.

C1.3 Delivery, Storage and Handling

Deliver material to the site in an undamaged condition. Upon receipt at the job site, all materials shall be thoroughly inspected to ensure that no damage occurred during shipping or handling and conditions of materials is in conformance with these specifications. If coating is damaged, Contractor shall repair or replace railing assemblies to the approval of the Engineer at no additional cost to the Owner. Carefully store the material off the ground to ensure proper ventilation and drainage. Exercise care so as not to damage the coated surface during railing installation. No field welding, field cutting or drilling will be permitted without the approval of the Engineer.

C1.4 Touch-up and Repair

For minor damage caused by shipping, handling or installation to coated surfaces, touch-up the surface in conformance with the manufacturer's recommendations. If damage is excessive, the railing assembly shall be replaced at no additional cost to the Owner. The Contractor shall provide the Engineer with a copy of the manufacturer's recommended repair procedure and materials before repairing damaged coatings

D (Vacant)

E Payment

Delete paragraph 513.5(2) and replace with the following:

Payment for the Railing Pipe is full compensation for providing, fabricating, surface preparation, galvanizing, cleaning and painting, transporting, and installing the railing, including any touch-up and repairs; for providing and placing metal shims under the bases if required; for providing and placing the anchor bolts.

91. **Concrete Staining B-40-786, Item 517.1010.S.0001; B-40-787, Item 517.1010.S.0002; B-40-788, Item 517.1010.S.0003; B-40-790, Item 517.1010.S.0004; B-40-795, Item 517.1010.S.0005; B-40-796, Item 517.1010.S.0006; B-40-797, Item 517.1010.S.0007; B-40-850, Item 517.1010.S.0008; B-40-851, Item 517.1010.S.0009; B-40-853, Item 517.1010.S.0010; B-40-854, Item 517.1010.S.0011; B-40-856, Item 517.1010.S.0012; B-40-858, Item 517.1010.S.0013; B-40-859, Item 517.1010.S.0014; B-40-860, Item 517.1010.S.0015; B-40-861, Item 517.1010.S.0016; B-40-867, Item 517.1010.S.0017; B-40-869, Item 517.1010.S.0018; B-40-870, Item 517.1010.S.0019; B-40-882, Item 517.1010.S.0021; B-40-883, Item 517.1010.S.0022; R-40-467, Item 517.1010.S.0023; R-40-468, Item 517.1010.S.0024; R-40-469, Item 517.1010.S.0025; R-40-470, Item 517.1010.S.0026; R-40-497, Item 517.1010.S.0027; R-40-498, Item 517.1010.S.0028; R-40-505, Item 517.1010.S.0029; R-40-507, Item 517.1010.S.0030; R-40-509, Item 517.1010.S.0031; R-40-511, Item 517.1010.S.0033; R-40-516, Item 517.1010.S.0034; R-40-518, Item 517.1010.S.0035; R-40-520, Item 517.1010.S.0036; R-40-522, Item 517.1010.S.0037; R-40-524, Item 517.1010.S.0038; R-40-525, Item 517.1010.S.0039; R-40-527, Item 517.1010.S.0040; R-40-529, Item 517.1010.S.0041; R-40-532, Item 517.1010.S.0042; R-40-534, Item 517.1010.S.0043; R-40-535, Item 517.1010.S.0044; R-40-540, Item 517.1010.S.0045; R-40-545, Item 517.1010.S.0046; R-40-547, Item 517.1010.S.0047; R-40-557, Item 517.1010.S.0048; R-40-558, Item 517.1010.S.0049; R-40-559, Item 517.1010.S.0050; S-40-11, Item 517.1010.S.0051; S-40-13, Item 517.1010.S.0052; S-40-15, Item 517.1010.S.0053; S-40-26, Item 517.1010.S.0054; S-40-29, Item 517.1010.S.0055; S-40-30, Item 517.1010.S.0056; S-40-31, Item 517.1010.S.0057; S-40-35, Item 517.1010.S.0058; S-40-40, Item 517.1010.S.0060; S-40-42, Item 517.1010.S.0062; S-40-46, Item 517.1010.S.0063; S-40-52, Item 517.1010.S.0064; S-40-74, Item 517.1010.S.0065; S-40-82, Item 517.1010.S.0067; S-40-102, Item 517.1010.S.0069; S-40-111, Item 517.1010.S.0072; S-40-114, Item**

517.1010.S.0074; S-40-115, Item 517.1010.S.0075; S-40-3, Item 517.1010.S.0076; S-40-8, Item 517.1010.S.0077; S-40-10, Item 517.1010.S.0078; S-40-19, Item 517.1010.S.0079; S-40-20, Item 517.1010.S.0080; S-40-23, Item 517.1010.S.0081; S-40-33, Item 517.1010.S.0082; S-40-34, Item 517.1010.S.0083; S-40-45, Item 517.1010.S.0084; S-40-53, Item 517.1010.S.0085; S-40-55, Item 517.1010.S.0086; S-40-80, Item 517.1010.S.0087; S-40-81, Item 517.1010.S.0088; S-40-84, Item 517.1010.S.0089; S-40-86, Item 517.1010.S.0090; S-40-91, Item 517.1010.S.0091; S-40-93, Item 517.1010.S.0092; S-40-97, Item 517.1010.S.0094; S-40-98, Item 517.1010.S.0095; S-40-103, Item 517.1010.S.0096; S-40-105, Item 517.1010.S.0097; S-40-112, Item 517.1010.S.0098; S-40-138, Item 517.1010.S.0099; B-40-871, Item 517.1010.S.0103; B-40-872, Item 517.1010.S.0104; B-40-873, Item 517.1010.S.0105; B-40-874, Item 517.1010.S.0106; R-40-495, Item 517.1010.S.0107; R-40-631, Item 517.1010.S.0109; R-40-655, Item 517.1010.S.0110; S-40-782, Item 517.1010.S.0111; S-40-787, Item 517.1010.S.0112; S-67-47, Item 517.1010.S.0113

*Replace section titled **B.1 Mortar** with the following:*

B.1 Mortar

Use mortar for sack rubbing the concrete surfaces as given in standard spec 502.3.7.5 or use one of the following products:

| | |
|--------------------------------------|---|
| Preblended, Packaged Type II Cement: | TK Products Tri-Mix BASF MasterSeal 581 Pearl Gray |
|--------------------------------------|---|

The mortar shall contain one of the following acrylic bonding admixtures mixed and applied in accordance to manufacturer's recommendations:

| | |
|----------------------------|--|
| Acrylic Bonding Admixture: | TK Products TK-225 Thoro Products Achro 60 BASF MasterEmaco A660 |
|----------------------------|--|

*Replace section titled **B.2 Concrete Stain** with the following:*

B.2 Concrete Stain

Use concrete stain manufactured for use on exterior concrete surfaces, consisting of a base coat and a pigmented sealer finish coat. Use the following products, or equal as approved by the department, as part of the two coat finish system:

TK Products 5321 Tri-Sheen Concrete Surfacer, Smooth
TK Products 5342 Tri-Sheen Acrylic
TK Products 1450 Natural Look Urethane Anti-Graffiti Primer
ChemMasters Safe-Cure and Seal EPX
Sherwin-Williams H&C Concrete Stain Solid Color Water Based
Euclid Chemical Tammscoat
Euclid Chemical Tammscoat 35

92. **Concrete Staining Multi-Color B-40-870, Item 517.1015.S.0001; R-40-525, Item 517.1015.S.0002; R-40-529, Item 517.1015.S.0003; R-40-532, Item 517.1015.S.0004; R-40-534, Item 517.1015.S.0005; R-40-540, Item 517.1015.S.0006; Minor Retaining Wall R-2, Item 517.1015.S.0007; R-40-524, Item 517.1015.S.0008**

*Replace section titled **B.1 Mortar** with the following:*

B.1 Mortar

Use mortar for sack rubbing the concrete surfaces as given in standard spec 502.3.7.5 or use one of the following products:

Preblended, Packaged Type II Cement: TK Products Tri-Mix
BASF MasterSeal 581 Pearl Gray

The mortar shall contain one of the following acrylic bonding admixtures mixed and applied in accordance to manufacturer's recommendations:

Acrylic Bonding Admixture: TK Products TK-225
Thoro Products Achro 60
BASF MasterEmaco A660

*Replace section titled **B.2 Concrete Stain** with the following:*

B.2 Concrete Stain

Use concrete stain manufactured for use on exterior concrete surfaces, consisting of a base coat and a pigmented sealer finish coat. Use the following products, or equal as approved by the department, as part of the two coat finish system:

TK Products 5321 Tri-Sheen Concrete Surfacer, Smooth
TK Products 5342 Tri-Sheen Acrylic
TK Products 1450 Natural Look Urethane Anti-Graffiti Primer
ChemMasters Safe-Cure and Seal EPX
Sherwin-Williams H&C Concrete Stain Solid Color Water Based
Euclid Chemical Tammscoat
Euclid Chemical Tammscoat 35

- 318. Install Temporary Pavement Marking Reflective Orange Paint 4-Inch, Item SPV.0090.0320; 8-Inch, Item SPV.0090.0322; 24-Inch, Item SPV.0090.0324; Install Temporary Pavement Marking Orange Arrows, Item SPV.0060.0320**

*Replace section titled **B.1.2 Reflectorized Paint** with the following:*

B.1.2 Reflectorized Paint

Replace standard spec 649.2.3 with the following:

The department will furnish water-borne orange paint intended for marking traffic lanes on both concrete and asphalt highways.

Contractor furnished materials include, but are not limited to, the following:

Glass Beads - Furnish glass beads to reflectorize the paint conforming to standard spec 646.2.3.

- 333. Fence Decorative Bridge, Item SPV.0090.4400; Fence Decorative Wall, Item SPV.0090.4410**

*Replace paragraph 2 under section titled **B.1 General** with the following:*

Blast clean steel, after fabrication, per SSPC-SP 6, and galvanize according to ASTM A 123. Supply all bolts, nuts and washers as factory galvanized according to ASTM A 153. Repair zinc coating damaged during fabrication as specified in standard spec 513.3.3(3). Grind the welded joints shown in the plans to a smooth finish.

Replace section titled **B.2 Painting** with the following:

B.2 Two Coat System

After galvanizing, coat all exterior surfaces of steel fence at field erection and expansion joints with a two coat system as hereinafter provided.

Clean all galvanized surfaces to be painted per SSPC-SP1 to remove chlorides, sulfates, zinc salts, oil, dirt, organic matter and other contaminants. Then brush blast clean the cleaned galvanized surface per SSPC-SP16 to create a slight angular surface profile (1.0 - 1.5 mils suggested) for paint adhesion. Do not fracture the galvanized finish or remove any dry film thickness during the brush blast cleaning process.

Prior to application of the tie-coat, remove visible deposits of oil, grease and other contaminants from the surface per SSPC-SP1, and clean the brush blasted surface of dust, dirt and loose residue conforming to standard spec 517.

After cleaning provide a tie coat from an approved coating system that is specifically intended to be used on a galvanized surface. The tie coat shall etch the galvanized surface and prepare the surface for the top coat. Apply a top coat matching the specified color. Utilize a contrasting color for the tie and top coats. Use a pre-approved top coat that is resistant to the effects of the sun, and is suitable for use in a marine environment. Paint the various decorative fence components with the tie and top coats before final assembly of the fence panels. Do not damage the painted surface during panel assembly or fence installation.

Use one of the qualified paint sources and products given below. An equivalent system may be used with the written approval of the engineer.

| Producer | Coat | Products | Dry Film Minimum Thickness (mils) | Minimum Time Between Coats (hours) |
|---|------|--|-----------------------------------|------------------------------------|
| <u>Sherwin Williams</u> 1051 Perimeter Drive, Suite 710 Schaumburg, IL 60173 847.330.1562 | Tie | Recoatable Epoxy Primer B67-5 Series/B67V5 | 2.0 to 4.0 | 6 |
| | Top | Acrolon 218 HS Polyurethane , B65-650 | 2.0 to 4.0 | NA |
| <u>Carboline</u> 350 Hanley Industrial St. Louis, MO 63144 314.644.1000 | Tie | Rustbond Penetrating Sealer FC | 1 | 36 |
| | Tie | Carboguard 60 | 4.0 to 6.0 | 10 |
| | Tie | Carboguard 635 | 4.0 to 6.0 | 1 |
| | Top | Carboline 133 LH(satin) | 4 | NA |
| <u>Wasser Corporation</u> 4118 B Place NW Suite B Auburn, WA 98001 | Tie | MC-Ferrox B 100 | 3.0 to 5.0 | 8 |
| | Top | MC-Luster 100 | 2.0 to 4.0 | NA |
| PPG Protective and Marine Coatings P.O. Box 192610 Little Rock, AR 72219-2610 414-339-5084 | Tie | Amercoat 399 | 3.0 to 5.0 | 3 |
| | Top | Amercoat 450H | 2.0 to 4.0 | NA |

334. Fence Decorative HAST Structure Mounted, Item SPV.0090.4411; Fence Decorative HAST Ground Mounted, Item SPV.0090.0605

Replace paragraph 3 under section titled **B.1 General** with the following:

Blast clean steel posts, rails and base plates, after fabrication, per SSPC-SP 6 and galvanize according to ASTM A 123. Supply all bolts, nuts and washers as factory galvanized according to ASTM A 153. Repair zinc coating damaged during fabrication as specified in standard spec 513.3.3(3). Grind the welded joints shown in the plans to a smooth finish.

Replace section titled **B.2 Painting** with the following:

B.2 Two Coat System

After galvanizing, coat all exterior surfaces of steel fence at field erection and expansion joints with a two coat system as hereinafter provided.

Clean all galvanized surfaces to be painted per SSPC-SP1 to remove chlorides, sulfates, zinc salts, oil, dirt, organic matter and other contaminants. Then brush blast clean the cleaned galvanized surface per SSPC-SP16 to create a slight angular surface profile (1.0 - 1.5 mils suggested) for paint adhesion. Do not fracture the galvanized finish or remove any dry film thickness during the brush blast cleaning process.

Prior to application of the tie-coat, remove visible deposits of oil, grease and other contaminants from the surface per SSPC-SP1, and clean the brush blasted surface of dust, dirt and loose residue conforming to standard spec 517.

After cleaning provide a tie coat from an approved coating system that is specifically intended to be used on a galvanized surface. The tie coat shall etch the galvanized surface and prepare the surface for the top coat. Apply a top coat matching the specified color. Utilize a contrasting color for the tie and top coats. Use a pre-approved top coat that is resistant to the effects of the sun, and is suitable for use in a marine environment. Paint the various decorative fence components with the tie and top coats before final assembly of the fence panels. Do not damage the painted surface during panel assembly or fence installation.

Use one of the qualified paint sources and products given below. An equivalent system may be used with the written approval of the engineer.

| Producer | Coat | Products | Dry Film Minimum Thickness (mils) | Minimum Time Between Coats (hours) |
|---|------|--|-----------------------------------|------------------------------------|
| <u>Sherwin Williams</u> 1051 Perimeter Drive, Suite 710 Schaumburg, IL 60173 847.330.1562 | Tie | Recoatable Epoxy Primer B67-5 Series/B67V5 | 2.0 to 4.0 | 6 |
| | Top | Acrolon 218 HS Polyurethane , B65-650 | 2.0 to 4.0 | NA |
| <u>Carboline</u> 350 Hanley Industrial St. Louis, MO 63144 314.644.1000 | Tie | Rustbond Penetrating Sealer FC | 1 | 36 |
| | Tie | Carboguard 60 | 4.0 to 6.0 | 10 |
| | Tie | Carboguard 635 | 4.0 to 6.0 | 1 |

| | | | | |
|--|-----|-------------------------|------------|----|
| | Top | Carboline 133 LH(satin) | 4 | NA |
| Wasser Corporation 4118 B Place NW Suite B Auburn, WA 98001 | Tie | MC-Ferrox B 100 | 3.0 to 5.0 | 8 |
| | Top | MC-Luster 100 | 2.0 to 4.0 | NA |
| PPG Protective and Marine Coatings P.O. Box 192610 Little Rock, AR 72219- 2610 414-339-5084 | Tie | Amercoat 399 | 3.0 to 5.0 | 3 |
| | Top | Amercoat 450H | 2.0 to 4.0 | NA |

355. Lining 96-Inch Reinforced Concrete Storm Sewer Pipe, Item SPV.0090.8090

Replace section titled **B Materials** with the following:

B Materials

Contractor has the option to line the pipe with:

- a) A cold-formed two-flange steel tunnel liner plates, fabricated to permit in-place assembly of a continuous circular steel support system. Additional requirements include the placement of grout in any void spaces between the tunnel liner plates and the placement of a paved concrete insert.
Or
- b) A high-strength, high build, fiber reinforced, geopolymer liner material using a remotely operated spinning applicator, mechanical pumping, or spraying.
Or
- c) An approved equal.

389. Concrete Staining Previously Constructed Structure, Item SPV.0165.4785

Replace section titled **B.1 Concrete Stain** with the following:

B.1 Concrete Stain

Use concrete stain manufactured for use on exterior concrete surfaces, consisting of a base coat and a pigmented sealer finish coat. Use the following products, or equal as approved by the department, as part of the two coat finish system:

- TK Products 5321 Tri-Sheen Concrete Surfer, Smooth
- TK Products 5342 Tri-Sheen Acrylic
- TK Products 1450 Natural Look Urethane Anti-Graffiti Primer
- ChemMasters Safe-Cure and Seal EPX
- Sherwin-Williams H&C Concrete Stain Solid Color Water Based
- Euclid Chemical Tammscoat
- Euclid Chemical Tammscoat 35

Replace section titled **B.2 Mortar** with the following:

B.2 Mortar

Use mortar for the modified concrete surface finish as specified in 502.3.7.5 or use one of the following products:

Preblended, Packaged Type II Cement: TK Products Tri-Mix
BASF MasterSeal 581 Pearl Gray

The mortar shall contain one of the following acrylic bonding admixtures mixed and applied in accordance to manufacturer's recommendations:

Acrylic Bonding Admixture: TK Products TK-225
Thoro Products Achro 60
BASF MasterEmaco A660

*Replace paragraph 1 under the section titled **C.2 Modified Surface Finish** with the following:*

Provide a modified surface finish to all cast in place concrete surfaces by filling all air holes as the engineer directs using mortar as defined in B.2. Before applying the modified surface finish, saturate the concrete surface with water.

390. Concrete Staining Multi-Color Previously Constructed Structure, Item SPV.0165.4786

*Replace section titled **B.1 Concrete Stain** with the following:*

B.1 Concrete Stain

Use concrete stain manufactured for use on exterior concrete surfaces, consisting of a base coat and a pigmented sealer finish coat. Use the following products, or equal as approved by the department, as part of the two coat finish system:

TK Products 5321 Tri-Sheen Concrete Surfacer, Smooth
TK Products 5342 Tri-Sheen Acrylic
TK Products 1450 Natural Look Urethane Anti-Graffiti Primer
ChemMasters Safe-Cure and Seal EPX
Sherwin-Williams H&C Concrete Stain Solid Color Water Based
Euclid Chemical Tammscoat
Euclid Chemical Tammscoat 35

*Replace section titled **B.2 Mortar** with the following:*

B.2 Mortar

Use mortar for the modified concrete surface finish as specified in 502.3.7.5 or use one of the following products:

Preblended, Packaged Type II Cement: TK Products Tri-Mix
BASF MasterSeal 581 Pearl Gray

The mortar shall contain one of the following acrylic bonding admixtures mixed and applied in accordance to manufacturer's recommendations:

Acrylic Bonding Admixture: TK Products TK-225
Thoro Products Achro 60
BASF MasterEmaco A660

*Replace paragraph 1 under the section titled **C.2 Modified Surface Finish** with the following:*

Provide a modified surface finish to all cast in place concrete surfaces by filling all air holes as the engineer directs using mortar as defined in B.2. Before applying the modified surface finish, saturate the concrete surface with water.

409. Maintaining and Removing Crash Cushion, Item SPV.0060.0430

A Description

This special provision describes maintaining and removing existing crash cushions in accordance to the pertinent provisions of section 204 of the standard specifications and as hereinafter provided.

B (Vacant)

C Construction

Maintain crash cushions left in place from a previous contract until removal. The existing crash cushions shall be removed as shown on the plans. The contractor shall include the cost of any and all methods that may be needed for the maintenance and for the expected removal of the materials under this bid item.

D Measurement

The department will measure Maintaining and Removing Crash Cushion by the unit acceptably removed.

E Payment

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|---------------|--|------|
| SPV.0060.0430 | Maintaining and Removing Crash Cushion | Each |

Payment is full compensation for maintaining and removing existing crash cushions; and for furnishing all labor, tools, equipment, materials, and incidentals necessary to complete the contract work.

Schedule of Items

Attached, dated September 23, 2015, are the revised Schedule of Items Pages 6, 12, 75, 95, 100, 101, 119, and 128 – 142.

Plan Sheets

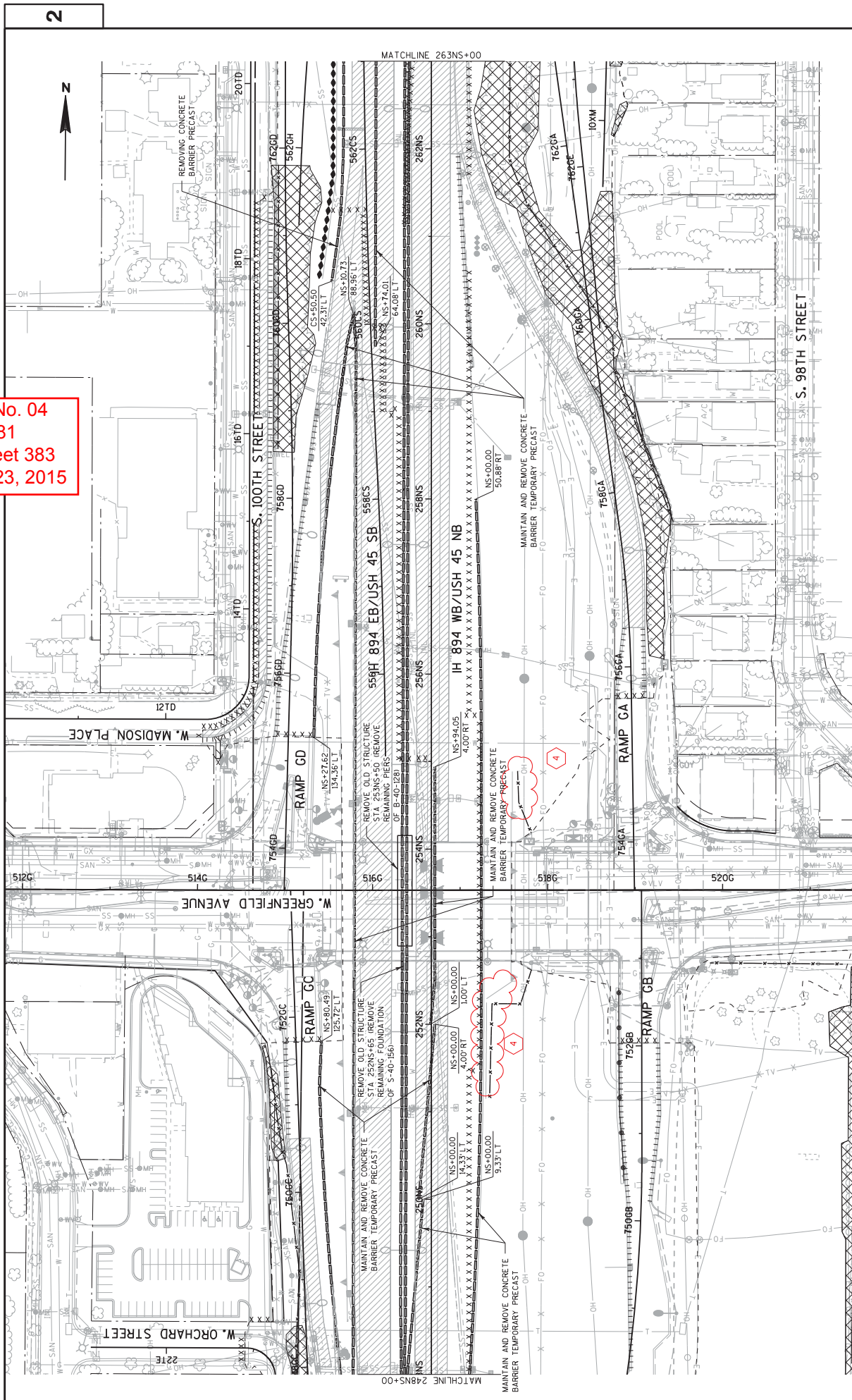
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 383, 1627-1630, 1636, 1837, 1904, and 1905

Added: 1904A

END OF ADDENDUM

Addendum No. 04
 ID 1060-33-81
 Revised Sheet 383
 September 23, 2015



2

2

PROJECT NO: 1060-33-81
 COUNTY: MILWAUKEE
 HWY: IH 894/IH 947/USH 45
 REMOVAL PLANS
 COUNTY: MILWAUKEE
 SHEET 383
 E

FILE NAME : W:\Cadd\VF\real_10603381_ZZ\Roads\cbs\021105-rm.dgn
 PLOT DATE : 21-SEP-2015 16:30
 PLOT BY : msecj1
 PLOT NAME : 02105-rm
 PLOT SCALE : 100:1
 WISDOT/CADDS SHEET 42

Addendum No. 04
 ID 1060-33-81
 Revised Sheet 1627
 September 23, 2015

| REMOVING CONCRETE BARRIER | | | | | | | | | | (CONTINUED) | | | | | | | | | | | | |
|---------------------------|-------|-----------------------|----------|---------|----------|---------|---------|--------|-------|---------------------------|---------|----------|---------------------------|----------|----------|--|---------|-------|---------------|---------------|---------------|---|
| CATEGORY | STAGE | ROADWAY | FROM | | TO | | STATION | OFFSET | LF | REMOVING CONCRETE BARRIER | PRECAST | LF | REMOVING CONCRETE BARRIER | PRECAST | LF | MAINTAIN AND REMOVE CONCRETE BARRIER TEMPORARY | PRECAST | LF | SPV.0060.0124 | SPV.0060.0124 | SPV.0060.0430 | |
| | | | STATION | OFFSET | STATION | OFFSET | | | | | | | | | | | | | | | | |
| 1000 | 1 | MAINLINE I-94 EB | 101EW+69 | 3' RT | 111EW+43 | 3' RT | 974 | -- | -- | -- | -- | 206NS+00 | 1' RT | 228NS+84 | 3' RT | 2,284 | -- | -- | 204.0157 | SPV.0090.0011 | SPV.0090.0124 | SPV.0060.0430 |
| | | | 113EW+02 | 4' RT | 125EW+93 | 35' LT | 1,294 | -- | -- | -- | -- | 230NS+63 | 2' RT | 234NS+00 | 0' RT/LT | 337 | -- | -- | | | | MAINTAINING AND REMOVING CRASH CUSHION EACH |
| | | MAINLINE I-94 WB | 113EW+02 | 3' LT | 125EW+73 | 40' LT | 1,276 | -- | -- | -- | -- | 252NS+00 | 1' LT | 254NS+94 | 4' RT | 294 | -- | -- | | | | |
| | | SUBTOTALS | | | | | 3,544 | -- | -- | -- | -- | 265NS+03 | 23' LT | 278NS+89 | 106' RT | 1,386 | -- | -- | | | | |
| 1000 | 2 | MAINLINE USH-45 NB | 190NS+20 | 69' RT | 190NS+31 | 69' RT | 10 | -- | -- | -- | -- | 266NS+63 | 49' RT | 273NS+00 | 11' RT | 640 | -- | -- | | | | 1 |
| | | | 196NS+02 | 66' RT | 203NS+30 | 59' RT | 720 | -- | -- | -- | -- | 272NS+93 | 58' RT | 281NS+51 | 169' RT | 150 | -- | -- | | | | 2 |
| | | | 218NS+05 | 65' RT | 228NS+93 | 63' RT | 1,088 | -- | -- | -- | -- | 273NS+00 | 111' RT | 276NS+83 | 183' RT | 849 | -- | -- | | | | |
| | | | 230NS+71 | 61' RT | 231NS+21 | 61' RT | 51 | -- | -- | -- | 1,000 | 314NS+63 | 53' RT | 326NS+89 | 52' RT | 1,229 | -- | -- | | | | |
| | | | 248NS+00 | 44' RT | 258NS+00 | 51' RT | -- | -- | -- | -- | -- | 270NS+75 | 2' LT | 279NS+26 | 43' RT | 849 | -- | -- | | | | 1 |
| | | | 334NS+99 | 150' RT | 340NS+09 | 147' RT | 534 | -- | -- | -- | -- | 280NS+81 | 25' RT | 307NS+30 | 7' LT | 1,651 | -- | -- | | | | |
| | | | 340NS+09 | 147' RT | 346NS+00 | 86' RT | 618 | -- | -- | -- | -- | 319NS+80 | 3' LT | 320NS+79 | 16' LT | 100 | -- | -- | | | | 1 |
| | | | 346NS+00 | 86' RT | 347NS+54 | 61' RT | 180 | -- | -- | -- | -- | 78EW+47 | 2' RT | 79EW+60 | 2' RT | -- | -- | -- | | | | |
| | | | 348NS+28 | 49' RT | 353NS+31 | 7' RT | -- | -- | 510 | -- | -- | 88EW+03 | 2' RT | 99EW+89 | 2' RT | 786 | -- | -- | | | | |
| | | USH-45 SB | 333NS+40 | 5' LT | 336NS+25 | 9' LT | -- | -- | 286 | -- | -- | 94EW+99 | 2' RT | 99EW+47 | 3' RT | 448 | -- | -- | | | | |
| | | | 335NS+31 | 83' RT | 336NS+29 | 76' RT | 101 | -- | -- | -- | -- | 136EW+59 | 5' RT | 147EW+00 | 59' RT | -- | -- | 1,035 | | | | |
| | | | 336NS+10 | 148' RT | 340NS+61 | 140' RT | 473 | -- | -- | -- | -- | 142EW+35 | 11' LT | 147EW+00 | 15' RT | -- | -- | 465 | | | | 1 |
| | | | 340NS+61 | 140' RT | 345NS+50 | 90' RT | 511 | -- | -- | -- | -- | 205EW+51 | 71' RT | 209EW+00 | 53' RT | -- | -- | 350 | | | | 1 |
| | | I-94 EB | 97EW+77 | 64' RT | 99EW+50 | 62' RT | 173 | -- | -- | -- | -- | 207EW+00 | 7' RT | 208EW+94 | 3' RT | -- | -- | 194 | | | | 1 |
| | | RAMPS | | | | | | | | | | | | | | | | | | | | |
| | | RAMP WS | 584WS+45 | 42' LT | 585WS+78 | 54' LT | -- | 141 | -- | -- | -- | 78EW+47 | 2' LT | 79EW+60 | 2' LT | 100 | -- | -- | | | | |
| | | | 584WS+51 | 13' LT | 585WS+62 | 27' LT | -- | 115 | -- | -- | -- | 88EW+03 | 2' LT | 98EW+88 | 2' LT | 785 | -- | -- | | | | |
| | | | 587WS+28 | 34' LT | 591WS+31 | 11' LT | -- | 412 | -- | -- | -- | 203EW+72 | 64' LT | 206EW+71 | 6' LT | 305 | -- | -- | | | | |
| | | | 587WS+35 | 59' LT | 587WS+56 | 59' LT | 22 | -- | -- | -- | -- | 521NE+52 | 53' LT | 528NE+78 | 200' LT | -- | -- | 751 | | | | 1 |
| | | RAMPS | | | | | | | | | | | | | | | | | | | | |
| | | RAMP CS | 577CS+00 | 21' LT | 579CS+50 | 11' LT | -- | 851 | -- | -- | -- | 533NE+48 | 397' LT | 543NE+99 | 204' LT | -- | -- | 765 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | RAMP GB | 747GB+40 | 9' RT | 748GB+18 | 3' RT | -- | -- | 79 | -- | -- | 533NE+49 | 378' LT | 542NE+24 | 259' LT | -- | -- | 635 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | RAMP SC | 537SC+88 | 52' LT | 539SC+47 | 5' RT | -- | -- | 175 | -- | -- | 534NE+15 | 299' LT | 540NE+90 | 323' LT | 470 | -- | -- | | | | |
| | | | 539SC+83 | 43' LT | 542SC+66 | 20' LT | -- | -- | 287 | -- | -- | 537NE+42 | 327' LT | 543NE+82 | 179' LT | 458 | -- | -- | | | | |
| | | SUBTOTALS | | | | | 4,461 | 1,519 | 2,337 | | | | | | | | | | | | | 4 |

Addendum No. 04
ID 1060-33-81
Revised Sheet 1628
September 23, 2015

| CATEGORY | STAGE | ROADWAY | REMOVING CONCRETE BARRIER | | | | | REMOVING CONCRETE BARRIER | | | | | REMOVING CONCRETE BARRIER | | | | | SPV.0060.0430 MAINTAINING AND REMOVING CRASH CUSHION EACH |
|----------|-------|-----------------------|---------------------------|------------|----------|---------|---------|---------------------------|------------------|------------|--------------------------------------|----------------------|---------------------------|------------------|------------|--------------------------------------|----------------------|--|
| | | | FROM STATION | TO STATION | OFFSET | LF | PRECAST | REMOVING CONCRETE BARRIER | CONCRETE BARRIER | PRECAST LF | MAINTAIN AND REMOVE CONCRETE BARRIER | TEMPORARY PRECAST LF | REMOVING CONCRETE BARRIER | CONCRETE BARRIER | PRECAST LF | MAINTAIN AND REMOVE CONCRETE BARRIER | TEMPORARY PRECAST LF | |
| 1000 | 3 | N. 97TH STREET | 46TT+48 | 28' RT | 49TT+46 | 12' RT | -- | -- | -- | 333 | -- | -- | -- | -- | -- | -- | 1 | |
| | | SUBTOTALS | | 6,073 | | | | | 13,383 | | | | | | | | 11 | |
| 1000 | 4 | MAINLINE USH 45 NB | 274NS+40 | 91' RT | 275NS+96 | 124' RT | -- | -- | 159 | | | | | | | | | |
| | | | 293NS+16 | 438' RT | 296NS+95 | 477' RT | 382 | -- | -- | | | | | | | | | |
| | | | 293NS+27 | 480' RT | 297NS+63 | 511' RT | 438 | -- | -- | | | | | | | | | |
| | | | 313NS+58 | 71' RT | 314NS+63 | 53' RT | -- | -- | 108 | | | | | | | | | |
| | | | 320NS+00 | 87' RT | 322NS+97 | 188' RT | -- | -- | 1,303 | | | | | | | | | |
| | | | 328NS+89 | 52' RT | 333NS+84 | 142' RT | 697 | -- | -- | | | | | | | | | |
| | | | 333NS+40 | 197' RT | 335NS+13 | 212' RT | 174 | -- | -- | | | | | | | | | |
| | | | 333NS+84 | 142' RT | 334NS+99 | 150' RT | 115 | -- | -- | | | | | | | | | |
| | | | 341NS+94 | 191' RT | 350NS+08 | 144' RT | -- | -- | 861 | | | | | | | | | |
| | | | 349NS+42 | 107' RT | 350NS+64 | 113' RT | 127 | -- | -- | | | | | | | 1 | | |
| | | | 349NS+42 | 104' RT | 353NS+31 | 93' RT | -- | -- | 403 | | | | | | | | | |
| | | USH 45 SB | 288NS+59 | 63' RT | 307NS+32 | 22' RT | -- | -- | 878 | | | | | | | | 1 | |
| | | | 333NS+85 | 135' RT | 336NS+10 | 148' RT | 228 | -- | -- | | | | | | | | | |
| | | | 334NS+89 | 83' RT | 335NS+31 | 83' RT | 42 | -- | -- | | | | | | | | | |
| | | H 94 WB | 175EW+08 | 2' LT | 179EW+20 | 2' LT | -- | -- | 414 | | | | | | | | 1 | |
| | | RAMPS | | | | | | | | | | | | | | | | |
| | | RAMP WS | 557WS+50 | 55' LT | 582WS+69 | 87' LT | -- | -- | 2,519 | | | | | | | | 1 | |
| | | | 561WS+80 | 117' LT | 580WS+54 | 75' LT | -- | -- | 1,849 | | | | | | | | | |
| | | RAMP VN | 592VN+46 | 289' RT | 595VN+56 | 279' RT | 374 | -- | -- | | | | | | | | | |
| | | | 594VN+90 | 263' RT | 596VN+03 | 254' RT | 135 | -- | -- | | | | | | | | | |
| | | RAMP NE | 548NE+96 | 98' LT | 548NE+18 | 72' LT | 113 | -- | -- | | | | | | | | | |
| | | RAMP BA | 724BA+57 | 15' RT | 724BA+57 | 23' LT | -- | -- | 38 | | | | | | | | 1 | |
| | | LOCAL ROADS | | | | | | | | | | | | | | | | |
| | | W. WISCONSIN AVENUE | 31WX+55 | 39' LT | 31WX+55 | 24' RT | -- | -- | 63 | | | | | | | | | |
| | | SUBTOTALS | | 2,001 | | | | | 9,419 | | | | | | | | 1 | |

(CONTINUED)

(CONTINUED)

(CONTINUED)

204.0157 SPV.0060.0011 SPV.0090.0124
REMOVING CONCRETE BARRIER
CONCRETE BARRIER PRECAST LF
TO STATION OFFSET
FROM STATION OFFSET
MAINTAIN AND REMOVE CONCRETE BARRIER TEMPORARY PRECAST LF

204.0157 SPV.0060.0011 SPV.0090.0124
REMOVING CONCRETE BARRIER
CONCRETE BARRIER PRECAST LF
TO STATION OFFSET
FROM STATION OFFSET
MAINTAIN AND REMOVE CONCRETE BARRIER TEMPORARY PRECAST LF

204.0157 SPV.0060.0011 SPV.0090.0124
REMOVING CONCRETE BARRIER
CONCRETE BARRIER PRECAST LF
TO STATION OFFSET
FROM STATION OFFSET
MAINTAIN AND REMOVE CONCRETE BARRIER TEMPORARY PRECAST LF

(CONTINUED ON NEXT SHEET)

(CONTINUED ON NEXT SHEET)

(CONTINUED ON NEXT SHEET)

Addendum No. 04
ID 1060-33-81
Revised Sheet 1629
September 23, 2015

REMOVING CONCRETE BARRIER (CONTINUED)

REMOVING CONCRETE BARRIER (CONTINUED)

| CATEGORY | STAGE | ROADWAY | FROM STATION | TO STATION | OFFSET | REMOVING CONCRETE BARRIER LF | MAINTAIN AND REMOVE CONCRETE BARRIER PRECAST LF | SPV.0060.0124 |
|----------|-------|-----------|--------------|------------|----------|------------------------------|---|---------------|
| 1000 | 6 | RAMPS | | | | | | |
| | | RAMP SW | 561SW+53 | 61 LT | 564SW+81 | 7 RT | 329 | |
| | | | 573SW+02 | 15 LT | 578SW+66 | 32 LT | 555 | |
| | | RAMPS | 560CS+51 | 42 LT | 568CS+00 | 21 LT | | |
| | | | 568CS+00 | 21 LT | 571CS+00 | 21 LT | | |
| | | RAMP NE | 536NE+95 | 8 LT | 536NE+97 | 29 RT | | |
| | | | 528NE+78 | 200 LT | 531NE+13 | 286 LT | 251 | |
| | | RAMP SE | 588SE+89 | 40 RT | 582SE+21 | 80 RT | | 2 |
| | | | 590SE+41 | 85 RT | 592SE+20 | 103 RT | | |
| | | RAMP S | 611ES+07 | 7 LT | 616ES+04 | 17 RT | 500 | 1 |
| | | RAMP GC | 747GC+38 | 40 RT | 751GC+71 | 29 RT | | |
| | | | 755GD+28 | 29 RT | 760GD+07 | 75 RT | 485 | 1 |
| | | RAMP SA | 559SA+71 | 14 RT | 572SA+90 | 12 RT | 1,327 | 1 |
| | | | 563SA+04 | 1 LT | 566SA+95 | 30 RT | 395 | |
| | | RAMP SD | 541SD+32 | 1 LT | 542SD+81 | 3 RT | | |
| | | | 542SD+06 | 22 RT | 546SD+15 | 32 RT | | 421 |
| | | | 542SD+81 | 4 RT | 546SD+15 | 18 LT | | 336 |
| | | SUBTOTALS | | | | 18,139 | 2,282 | 20,463 |

| CATEGORY | STAGE | ROADWAY | FROM STATION | TO STATION | OFFSET | REMOVING CONCRETE BARRIER LF | MAINTAIN AND REMOVE CONCRETE BARRIER PRECAST LF | SPV.0060.0124 |
|----------|-------|-----------|--------------|------------|----------|------------------------------|---|---------------|
| 1000 | 6 | RAMPS | | | | | | |
| | | RAMP SW | 561SW+53 | 61 LT | 564SW+81 | 7 RT | 329 | |
| | | | 573SW+02 | 15 LT | 578SW+66 | 32 LT | 555 | |
| | | RAMPS | 560CS+51 | 42 LT | 568CS+00 | 21 LT | | |
| | | | 568CS+00 | 21 LT | 571CS+00 | 21 LT | | |
| | | RAMP NE | 536NE+95 | 8 LT | 536NE+97 | 29 RT | | |
| | | | 528NE+78 | 200 LT | 531NE+13 | 286 LT | 251 | |
| | | RAMP SE | 588SE+89 | 40 RT | 582SE+21 | 80 RT | | 2 |
| | | | 590SE+41 | 85 RT | 592SE+20 | 103 RT | | |
| | | RAMP S | 611ES+07 | 7 LT | 616ES+04 | 17 RT | 500 | 1 |
| | | RAMP GC | 747GC+38 | 40 RT | 751GC+71 | 29 RT | | |
| | | | 755GD+28 | 29 RT | 760GD+07 | 75 RT | 485 | 1 |
| | | RAMP SA | 559SA+71 | 14 RT | 572SA+90 | 12 RT | 1,327 | 1 |
| | | | 563SA+04 | 1 LT | 566SA+95 | 30 RT | 395 | |
| | | RAMP SD | 541SD+32 | 1 LT | 542SD+81 | 3 RT | | |
| | | | 542SD+06 | 22 RT | 546SD+15 | 32 RT | | 421 |
| | | | 542SD+81 | 4 RT | 546SD+15 | 18 LT | | 336 |
| | | SUBTOTALS | | | | 18,139 | 2,282 | 20,463 |

| CATEGORY | STAGE | ROADWAY | FROM STATION | TO STATION | OFFSET | REMOVING CONCRETE BARRIER LF | MAINTAIN AND REMOVE CONCRETE BARRIER PRECAST LF | SPV.0060.0430 |
|----------|-------|-----------|--------------|------------|----------|------------------------------|---|---------------|
| 1000 | 7 | MAINLINE | | | | | | |
| | | USH 45 NB | 191NS+50 | 2 RT | 196NS+49 | 2 RT | | |
| | | | 196NS+49 | 2 RT | 200NS+23 | 1 RT | | |
| | | | 200NS+23 | 1 RT | 206NS+00 | 1 RT | | |
| | | | 304NS+49 | 359 RT | 305NS+87 | 317 RT | | |
| | | | 307NS+34 | 262 RT | 311NS+13 | 134 RT | | 1 |
| | | | 310NS+33 | 218 RT | 320NS+00 | 87 RT | | |
| | | | | | | | 993 | |
| | | USH 45 SB | 191NS+50 | 2 LT | 196NS+49 | 2 LT | | |
| | | | 196NS+49 | 2 LT | 200NS+23 | 2 LT | | |
| | | | | | | | | 4 |

(CONTINUED ON NEXT SHEET)

REMOVING CONCRETE BARRIER (CONTINUED)

| CATEGORY | STAGE | ROADWAY | FROM STATION | TO STATION | OFFSET | REMOVING CONCRETE BARRIER | | MAINTAIN AND REMOVE CONCRETE BARRIER | | SPV.0060.0430 MAINTAINING AND REMOVING CRASH CUSHION EACH |
|-----------|-------|-----------|------------------|------------------|--------|---------------------------|-----------------|--------------------------------------|----|---|
| | | | | | | LF | LF | LF | LF | |
| 1000 | 7 | H 194 EB | 200NS+23 2' LT | 207NS+88 2' LT | 735 | -- | -- | -- | -- | -- |
| | | | 207NS+58 2' LT | 216NS+99 2' LT | 941 | -- | -- | -- | -- | -- |
| 1000 | 9 | USH 45 NB | 147EW+00 57' RT | 151EW+50 64' RT | 448 | -- | -- | -- | -- | -- |
| | | | 147EW+00 15' RT | 154EW+00 10' RT | 700 | -- | -- | -- | -- | -- |
| 1000 | 8 | USH 45 SB | 531NE+14 286' LT | 533NE+49 378' LT | 252 | -- | -- | -- | -- | -- |
| | | | 518EN+29 13' RT | 519EN+28 9' RT | 99 | -- | -- | -- | -- | -- |
| SUBTOTALS | | | | | | 3,999 | -- | 3,051 | 1 | |
| 1000 | 8 | USH 45 NB | 275NS+96 124' RT | 279NS+76 199' RT | 372 | -- | -- | -- | -- | -- |
| | | | 287NS+46 71' RT | 289NS+82 71' RT | 236 | -- | -- | -- | -- | -- |
| 1000 | 9 | USH 45 NB | 288NS+27 9' RT | 290NS+53 9' RT | 126 | -- | -- | -- | -- | -- |
| | | | 290NS+66 9' RT | 291NS+73 9' RT | 106 | -- | -- | -- | -- | -- |
| 1000 | 9 | USH 45 NB | 290NS+96 71' RT | 292NS+14 83' RT | 119 | -- | -- | -- | -- | -- |
| | | | 294NS+88 9' RT | 296NS+40 9' RT | 152 | -- | -- | -- | -- | -- |
| 1000 | 9 | USH 45 NB | 295NS+29 83' RT | 296NS+60 83' RT | 131 | -- | -- | -- | -- | -- |
| | | | 297NS+73 83' RT | 298NS+02 83' RT | 29 | -- | -- | -- | -- | -- |
| SUBTOTALS | | | | | | 822BB+77 20' RT | 822BB+79 17' LT | 38 | -- | -- |
| 1000 | 9 | USH 45 NB | 721BC+05 20' RT | 721BC+06 19' LT | 38 | -- | -- | -- | -- | -- |
| | | | 811FC+82 0' L/RT | 816FC+80 40' LT | 500 | -- | -- | -- | -- | -- |
| SUBTOTALS | | | | | | -- | -- | 1,847 | 1 | |
| 1000 | 9 | USH 45 NB | 307NS+30 7' LT | 309NS+99 31' LT | 269 | -- | -- | -- | -- | -- |
| | | | 307NS+32 22' RT | 311NS+20 5' LT | 389 | -- | -- | -- | -- | -- |
| SUBTOTALS | | | | | | 38,297 | 4,786 | 658 | 33 | |
| TOTALS | | | | | | | | 54,736 | | |

REMOVING GUARDRAIL

| CATEGORY | STAGE | ROADWAY | FROM STATION | TO STATION | OFFSET | REMOVING GUARDRAIL | | SPV.0060.0430 MAINTAINING AND REMOVING CRASH CUSHION EACH |
|----------|-------|----------|------------------|------------------|--------|--------------------|----|---|
| | | | | | | LF | LF | |
| 1000 | 2 | H 194 EB | 195NS+18 69' RT | 196NS+02 67' RT | 83 | -- | -- | -- |
| | | | 336NS+29 76' RT | 337NS+64 58' RT | 140 | -- | -- | -- |
| 1000 | 3 | H 194 EB | 97EW+09 66' RT | 97EW+77 64' RT | 68 | -- | -- | -- |
| | | | 108EW+48 64' RT | 111EW+32 63' RT | 285 | -- | -- | -- |
| 1000 | 4 | H 194 EB | 119EW+23 60' RT | 126EW+87 20' RT | 758 | -- | -- | -- |
| | | | 583WS+79 33' LT | 584WS+45 42' LT | 69 | -- | -- | -- |
| 1000 | 4 | H 194 EB | 583WS+86 2' LT | 584WS+51 13' LT | 66 | -- | -- | -- |
| | | | 601WN+82 6' RT | 602WN+98 5' LT | 118 | -- | -- | -- |
| 1000 | 3 | H 194 EB | 717NS+36 17' RT | 718LA+05 16' RT | 69 | -- | -- | -- |
| | | | 750GB+45 21' LT | 752GB+66 26' LT | 221 | -- | -- | -- |
| SUBTOTAL | | | | | | 1,877 | | |
| 1000 | 3 | H 194 EB | 93EW+95 MEDIAN | 94EW+12 MEDIAN | 17 | -- | -- | -- |
| | | | 94EW+68 MEDIAN | 94EW+85 MEDIAN | 17 | -- | -- | -- |
| 1000 | 4 | H 194 EB | 130EW+19 9' RT | 131EW+12 7' RT | 93 | -- | -- | -- |
| | | | 546NE+86 70' RT | 548NE+68 36' RT | 174 | -- | -- | -- |
| SUBTOTAL | | | | | | 301 | | |
| 1000 | 4 | H 194 EB | 590WN+47 231' RT | 594WN+89 263' RT | 526 | -- | -- | -- |
| | | | 591WN+80 284' RT | 592WN+46 289' RT | 81 | -- | -- | -- |
| SUBTOTAL | | | | | | 607 | | |

Addendum No. 04
 ID 1060-33-81
 Revised Sheet 1630
 September 23, 2015

(CONTINUED ON NEXT SHEET)

REMOVING NOISE BARRIER

204.9090.S.0001
REMOVING
NOISEBARRIER LF

| CATEGORY | STAGE | ROADWAY | STATION TO | STATION | OFFSET | LF |
|-----------------|-------|-------------------|------------|------------|--------|-------|
| 1000 | 2 | IH 894/ USH 45 SB | 275NS+42 | - 284NS+42 | LT | 984 |
| <u>SUBTOTAL</u> | | | | | | 984 |
| MAINLINE | | | | | | |
| 1000 | 6 | IH 894/ USH 45 SB | 260NS+51 | - 275NS+42 | LT | 1,571 |
| | | | 203NS+97 | - 225NS+73 | LT | 2,194 |
| <u>SUBTOTAL</u> | | | | | | 3,765 |
| <u>TOTAL</u> | | | | | | 4,759 |

REMOVING TEMPORARY SHORING LEFT IN PLACE

SPV.0090.4450
REMOVING
TEMPORARY SHORING
LEFT IN PLACE LF

| CATEGORY | STAGE | LOCATION | STATION TO | STATION | LF | |
|-----------------|-------|----------|------------|------------|-----|-----|
| 1000 | 2 | RAMP GB | 747GB+46 | - 748GB+13 | 68 | |
| <u>SUBTOTAL</u> | | | | | | 68 |
| RAMPS | | | | | | |
| 1000 | 8 | RAMP GE | 776GE+06 | - 776GE+88 | 270 | |
| | | | 780GE+97 | - 781GE+08 | 19 | |
| <u>SUBTOTAL</u> | | | | | | 289 |
| <u>TOTAL</u> | | | | | | 357 |

REMOVING OLD SIGN STRUCTURE

| CATEGORY | STAGE | ROADWAY | STATION | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH | EACH |
|------------------|-------|-------------------|----------|------|------|------|------|------|------|------|------|------|
| 1000 | 2 | IH 894/ USH 45 NS | 274NS+37 | 1 | -- | -- | -- | -- | -- | -- | -- | -- |
| <u>SUBTOTALS</u> | | | | | | | | | | | | |
| 1000 | 3 | IH 894/ USH 45 NS | 209NS+18 | -- | -- | -- | 1 | -- | -- | -- | -- | -- |
| | | | 225NS+94 | -- | -- | 1 | -- | -- | -- | -- | -- | -- |
| | | | 244NS+18 | -- | -- | 1 | -- | -- | -- | -- | -- | -- |
| | | | 305NS+49 | -- | -- | -- | -- | -- | -- | -- | 1 | -- |
| <u>IH 94 EW</u> | | | | | | | | | | | | |
| | | | 170EW+00 | -- | -- | -- | -- | -- | -- | -- | -- | 1 |
| <u>SUBTOTALS</u> | | | | | | | | | | | | |
| 1000 | 4 | IH 894/ USH 45 NS | 766GE+00 | -- | -- | 1 | -- | -- | -- | -- | -- | -- |
| <u>SUBTOTALS</u> | | | | | | | | | | | | |
| 1000 | 5 | IH 94 EW | 184EW+55 | -- | -- | -- | -- | -- | 1 | -- | -- | -- |
| <u>SUBTOTALS</u> | | | | | | | | | | | | |
| 1000 | 6 | IH 894/ USH 45 NS | 235NS+84 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 262NS+22 | -- | -- | -- | -- | -- | -- | -- | 1 | -- |
| <u>IH 94 EW</u> | | | | | | | | | | | | |
| | | | 197EW+02 | -- | -- | -- | -- | -- | 1 | -- | -- | -- |
| | | | 201EW+39 | -- | -- | -- | -- | -- | -- | 1 | -- | -- |
| <u>SUBTOTALS</u> | | | | | | | | | | | | |
| 1000 | 8 | RAMP SE | 586SE+89 | -- | 1 | -- | -- | -- | -- | -- | -- | -- |
| <u>SUBTOTALS</u> | | | | | | | | | | | | |
| <u>TOTALS</u> | | | | | | | | | | | | |

Addendum No. 04
ID 1060-33-81
Revised Sheet 1636
September 23, 2015

FENCE SAFETY

616.0700.S
FENCE
SAFETY

| CATEGORY | ROADWAY | LF |
|---------------|---------------|--------------|
| 1000 | UNDISTRIBUTED | 5,000 |
| TOTALS | | 5,000 |

MOVING SIGN BRIDGE

636.0100* 636.1000* SPV.0105.0400
MOVING
SIGN BRIDGE
CANTILEVERED
S-40-128

| CATEGORY | STAGE | ROADWAY | STATION | CY | LB | LS | NOTES |
|---------------|-------|-----------|--------------|----------|------------|----------|--------------------------|
| 1000 | 2 | IH 894 NB | 264NS+05, LT | 9 | 715 | 1 | MOVE TO STA 766GE+00, RT |
| TOTALS | | | | 9 | 715 | 1 | |

* ADDITIONAL QUANTITIES FOUND ELSEWHERE

WORK ZONE CONSTRUCTION TRAFFIC MERGE WARNING SYSTEM

SPV.0045.2001
WORK ZONE
CONSTRUCTION
TRAFFIC MERGE
WARNING SYSTEM

| CATEGORY | STAGE | ROADWAY | LOCATION | DAY |
|----------------------|-------|-------------------|-----------|-------------|
| 1000 | 2 | USH 45 NB | NORTH LEG | 106 |
| | 3A/3B | USH 45 NB | NORTH LEG | 121 |
| | | USH 894/USH 45 SB | SOUTH LEG | 121 |
| | | IH 94 EB | EAST LEG | 121 |
| | | IH 94 WB | WEST LEG | 121 |
| | 4A/4B | IH 94 EB | EAST LEG | 57 |
| | | IH 94 WB | WEST LEG | 57 |
| | 5 | IH 94 EB | WEST LEG | 81 |
| | 6A/6B | IH 94 WB | WEST LEG | 165 |
| | 7 | USH 894/USH 45 NB | SOUTH LEG | 88 |
| | | USH 894/USH 45 SB | SOUTH LEG | 88 |
| | | IH 94 WB | WEST LEG | 88 |
| SUBTOTALS | | | | 1214 |
| UNDISTRIBUTED | | | | 100 |
| TOTALS | | | | 1314 |

TRAFFIC CONTROL CLOSURE ITEMS

| CATEGORY | ROADWAY | EACH | VARIOUS | TOTALS | SPV . 0060.0400 | SPV . 0060.0401 | SPV . 0060.0402 | SPV . 0060.0403 | SPV . 0060.0408 |
|---------------|---------|--------------|------------|--------------|---|--|--|---|--|
| 1000 | VARIOUS | 1,200 | 900 | 3,400 | TRAFFIC CONTROL CLOSE-OPEN FREEWAY ENTRANCE RAMP | TRAFFIC CONTROL CLOSE-OPEN FREEWAY TO FREEWAY SYSTEM/RAMP | TRAFFIC CONTROL INTERM FREEWAY LANE CLOSURE | TRAFFIC CONTROL LOCAL ROAD LANE CLOSURES | TRAFFIC CONTROL FULL FREEWAY CLOSURE |
| TOTALS | | 1,200 | 900 | 3,400 | | | | 250 | 420 |

Addendum No. 04
ID 1060-33-81
Revised Sheet 1837
September 23, 2015

4

Addendum No. 04
 ID 1060-33-81
 Deleted Sheet 1904
 September 23, 2015

ITS REMOVALS

| CATEGORY | ITEM | DESCRIPTION | STATION | OFFSET | REMOVING CONCRETE BASES | REMOVING MANHOLES | REMOVING BOXES | REMOVING FLASHER ASSEMBLIES | REMOVING 50-FT CAMERA | REMOVING CCTV CAMERA | REMOVING RAMP CONTROL SIGNAL ASSEMBLY | REMOVING CONTROL CABINET | REMOVING CONTROL CABINET | REMOVING CONTROL CABINET | REMOVING RAMP METER PROCESSOR ASSEMBLY | REMOVING ELECTRICAL SERVICE METER BREAKER | REMOVING COMMUNICATION VAULT | REMOVING DETECTOR ASSEMBLY |
|----------|------------------|---------------------|----------|--------|-------------------------|-------------------|----------------|-----------------------------|-----------------------|----------------------|---------------------------------------|--------------------------|--------------------------|--------------------------|--|---|------------------------------|----------------------------|
| ROADWAY | EXCCTV-40-0034 | CCTV | 202NS+04 | 116 LT | | | | | | | | | | | | | | |
| | EXMB2401 | MANHOLE | 228NS+83 | 110 RT | | | | | | | | | | | | | | |
| | EXMB2402 | MANHOLE | 231NS+78 | 142 RT | | | | | | | | | | | | | | |
| | EXCV2401 | COMMUNICATION VAULT | 238NS+14 | 107 RT | | | | | | | | | | | | | | |
| | EXRB2401 | PULL BOX | 234NS+50 | 102 RT | | | | | | | | | | | | | | |
| | EXRB2402 | PULL BOX | 234NS+50 | 63 RT | | | | | | | | | | | | | | |
| | EXMB2401 | MICROWAVEDETECTOR | 231NS+75 | 65 LT | | | | | | | | | | | | | | |
| | EXMB2401 | METER BREAKER | 235NS+10 | 119 LT | | | | | | | | | | | | | | |
| | EXCB-DMS-40-0015 | CONTROL CABINET | 237NS+71 | 116 LT | | | | | | | | | | | | | | |
| | EXCB-SDS-40-0017 | CONTROL CABINET | 231NS+60 | 68 LT | | | | | | | | | | | | | | |
| | EXMD12GCT | MICROWAVEDETECTOR | 241NS+74 | 99 LT | | | | | | | | | | | | | | |
| | EXPB12GCT | PULL BOX | 241NS+94 | 97 LT | | | | | | | | | | | | | | |
| | EXPB13GCT | PULL BOX | 243NS+08 | 103 LT | | | | | | | | | | | | | | |
| | EXPB16GCT | PULL BOX | 246NS+10 | 115 LT | | | | | | | | | | | | | | |
| | EXPB18GCT | PULL BOX | 248NS+16 | 139 LT | | | | | | | | | | | | | | |
| | EXPB18GCT-1 | PULL BOX | 248NS+21 | 97 LT | | | | | | | | | | | | | | |
| | EXSB18GCT | SIGNAL BASE | 248NS+20 | 136 LT | | | | | | | | | | | | | | |
| | EXSB18GCT-1 | SIGNAL BASE | 248NS+25 | 99 LT | | | | | | | | | | | | | | |
| | EXPB19GCT | PULL BOX | 249NS+17 | 148 LT | | | | | | | | | | | | | | |
| | EXPB256NS | PULL BOX | 256NS+67 | 208 RT | | | | | | | | | | | | | | |
| | EXPB256NS | PULL BOX | 256NS+33 | 185 RT | | | | | | | | | | | | | | |
| | EXPB256NS | PULL BOX | 259NS+05 | 155 RT | | | | | | | | | | | | | | |
| | EXPB260NS | PULL BOX | 259NS+23 | 190 RT | | | | | | | | | | | | | | |
| | EXSBGA-1 | SIGNAL BASE | 259NS+01 | 162 RT | | | | | | | | | | | | | | |
| | EXSBGA-2 | SIGNAL BASE | 259NS+15 | 192 RT | | | | | | | | | | | | | | |
| | EXPB2601 | PULL BOX | 260NS+38 | 91 RT | | | | | | | | | | | | | | |
| | EXPB261NS-1 | PULL BOX | 260NS+63 | 73 RT | | | | | | | | | | | | | | |
| | EXPB261NS-2 | PULL BOX | 260NS+82 | 108 RT | | | | | | | | | | | | | | |
| | EXPB2602 | PULL BOX | 260NS+88 | 61 RT | | | | | | | | | | | | | | |
| | EXPB2603 | PULL BOX | 261NS+72 | 36 RT | | | | | | | | | | | | | | |
| | | SUBTOTAL | | | 6 | 2 | 17 | | 1 | 1 | 4 | 1 | 1 | 2 | | 1 | 1 | 1 |

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

4 THIS SHEET IS OBSOLETE

Addendum No. 04
 ID 1060-33-81
 Added Sheet 1904A
 September 23, 2015

ITS REMOVALS

| ROADWAY | CATEGORY | ITEM | DESCRIPTION | STATION | OFFSET | 204.0195* | 204.0210 | 653.0905 | 676.9001.S | 677.9051.S | 677.9200.S | SPV.0060.2002 | SPV.0060.2003 | SPV.0060.2004 | SPV.0060.2005 | SPV.0060.2006 | SPV.0060.2007 | SPV.0060.2009 | |
|--------------------|----------|-------------------|---------------------|-----------|--------|------------------------------|------------------------|--------------------------|---|--------------------------|---------------------------|---|---------------------------------------|----------------------------------|--|---|-----------------------------------|--|---|
| | | | | | | REMOVING CONCRETE BASES EACH | REMOVING MANHOLES EACH | REMOVING PULL BOXES EACH | REMOVING ADVANCE FLASHER ASSEMBLY TYPE 1 EACH | REMOVING 50-FT POLE EACH | REMOVING CCTV CAMERA EACH | REMOVING RAMP CONTROL SIGNAL ASSEMBLY SIDE MOUNT EACH | REMOVING CONTROLLER CABINET BASE EACH | REMOVING CONTROLLER CABINET EACH | REMOVING CONTROLLER RAMP/METER PROCESSOR ASSEMBLY EACH | REMOVING ELECTRICAL SERVICE METER BREAKER PEDESTAL EACH | REMOVING COMMUNICATION VAULT EACH | REMOVING MICRO WAVE DETECTOR ASSEMBLY EACH | |
| H 894/IH 94/USH 45 | | EXCV05 | COMMUNICATION VAULT | 260NS+71 | 206 RT | | | | | | | | | | | | | | |
| | | EXMH03 | MANHOLE | 261NS+49 | 75 RT | | 1 | | | | | | | | | | | | |
| | | EXMB3101 | MICROWAVE DETECTOR | 102EW+96 | 69 RT | 1 | | | | | | | | | | | | | |
| | | EXMB3102 | MICROWAVE DETECTOR | 103EW+11 | 70 LT | 1 | | | | | | | | | | | | | |
| | | EXRB3101 | PULL BOX | 103EW+402 | 67 LT | | | 1 | | | | | | | | | | | |
| | | EXMH3101 | MANHOLE | 102EW+21 | 69 LT | | 1 | | | | | | | | | | | | |
| | | EXMH3102 | MANHOLE | 102EW+21 | 69 RT | | 1 | | | | | | | | | | | | |
| | | EXRB3102 | PULL BOX | 102EW+95 | 65 RT | | | 1 | | | | | | | | | | | |
| | | EXMB3201 | METER BREAKER | 113EW+22 | 126 LT | | | | | | | | | | | 1 | | | |
| | | EXCB-CCTV-40-0006 | CONTROL CABINET | 113EW+21 | 121 LT | | | | | | | | 1 | | | | | | |
| | | EXRB3201 | PULL BOX | 113EW+34 | 66 LT | | | 1 | | | | | | | | | | | |
| | | EXRB3202 | PULL BOX | 113EW+22 | 116 LT | | | 1 | | | | | | | | | | | |
| | | EXMH3201 | MANHOLE | 113EW+25 | 71 RT | | 1 | | | | | | | | | | | | |
| | | EXMH3202 | MANHOLE | 113EW+29 | 69 LT | | | | | | | | | | | | | | |
| | | EXCCTV-40-0006 | CCTV | 113EW+42 | 66 LT | | | | | 1 | | | | | | | | | |
| | | EXCB3201 | CONTROL CABINET | 122EW+52 | 124 LT | | | | | | | | | 1 | | | | | |
| | | EXMB3202 | METER BREAKER | 120EW+56 | 183 LT | | | | | | | | | | | 1 | | | |
| | | EXMB3201 | MICROWAVE DETECTOR | 123EW+81 | 36 RT | 1 | | | | | | | | | | | | | |
| | | EXRB3203 | PULL BOX | 123EW+52 | 41 RT | | | 1 | | | | | | | | | | | |
| | | EXRB3204 | PULL BOX | 123EW+40 | 94 LT | | | | | | | | | | | | | | |
| | | EXRB3205 | PULL BOX | 122EW+52 | 116 LT | | | 1 | | | | | | | | | | | |
| | | EXMH3301 | MANHOLE | 130EW+91 | 126 LT | | 1 | | | | | | | | | | | | |
| | | EXMH3302 | MANHOLE | 130EW+93 | 17 RT | | 1 | | | | | | | | | | | | |
| | | EXRB3501 | PULL BOX | 170EW+12 | 184 LT | | | 1 | | | | | | | | | | | |
| | | EXRB3502 | PULL BOX | 170EW+18 | 109 LT | | | | | | | | | | | | | | |
| | | EXRB3503 | PULL BOX | 168EW+34 | 79 LT | | | 1 | | | | | | | | | | | |
| | | EXRB3504 | PULL BOX | 168EW+47 | 181 LT | | | 1 | | | | | | | | | | | |
| | | EXMB3501 | METER BREAKER | 167EW+67 | 226 LT | | | | | | | | | | | 1 | | | |
| | | | SUBTOTAL | | | 3 | 7 | 11 | | 1 | 1 | | 2 | 2 | | 3 | 1 | | 4 |

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

JTS REMOVALS

| ROADWAY | CA CATEGORY | ITEM | DESCRIPTION | STATION | OFFSET | REMOVING CONCRETE BASES | REMOVING MANHOLES | REMOVING PULL BOXES | ADVANCE FLASHER ASSEMBLY TYPE 1 | REMOVING 50-FT CAMERA POLE | REMOVING CCTV CAMERA | RAMP CONTROL SIGNAL ASSEMBLY SIDE MOUNT | REMOVING CONTROLLER CABINET BASE | REMOVING CONTROLLER CABINET | REMOVING RAMP METER PROCESSOR ASSEMBLY | REMOVING ELECTRICAL SERVICE METER BREAKER PEDESTAL | REMOVING COMMUNICATION VAULT | REMOVING MICRO WAVE DETECTOR ASSEMBLY | | |
|---------------------|-----------------|------------------|-----------------|----------|--------|-------------------------|-------------------|---------------------|---------------------------------|----------------------------|----------------------|---|----------------------------------|-----------------------------|--|--|------------------------------|---------------------------------------|----|----|
| IH 894/IH 94/USH 45 | 1300 | EXM16501 | MANHOLE | 190EW+74 | 325 RT | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| | | EXM16502 | MANHOLE | 190EW+35 | 459 RT | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | EXM16503 | MANHOLE | 190EW+52 | 495 RT | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | EXM16601 | MANHOLE | 195EW+14 | 315 LT | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | |
| | | EXPB3601 | PULL BOX | 195EW+08 | 266 LT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | EXPB3602 | PULL BOX | 194EW+88 | 209 LT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | EXPB3603 | PULL BOX | 194EW+73 | 117 LT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | EXPB3604 | PULL BOX | 195EW+46 | 77 LT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | EXCB-SDS-40-0062 | CONTROL CABINET | 195EW+53 | 80 LT | -- | -- | -- | -- | -- | -- | -- | -- | 1 | 1 | -- | -- | -- | -- | -- |
| | | EXPB3605 | PULL BOX | 193EW+92 | 23 RT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | EXPB3606 | PULL BOX | 194EW+47 | 47 RT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | EXM16602 | MANHOLE | 195EW+17 | 197 RT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | EXM16603 | MANHOLE | 195EW+27 | 247 RT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | EXPB3607 | PULL BOX | 195EW+37 | 197 RT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | | EXPB3608 | PULL BOX | 195EW+44 | 242 RT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| EXPB3609 | PULL BOX | 201EW+40 | 58 RT | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| EXCB-SDS-40-0028 | CONTROL CABINET | 101EW+77 | 133 RT | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 | 1 | -- | -- | -- | -- | | |
| EXM16101 | METER BREAKER | 101EW+73 | 132 RT | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 | -- | -- | -- | | |
| EXPB3103 | PULL BOX | 101EW+82 | 132 RT | -- | -- | -- | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | | |
| SUBTOTAL | | | | 6 | | | | 10 | 7 | 2 | 2 | 6 | 6 | 7 | 1 | 6 | 2 | 5 | | |
| TOTALS | | | | 12 | 23 | 49 | 7 | 2 | 2 | 6 | 6 | 7 | 1 | 6 | 2 | 5 | 4 | | | |

*ADDITIONAL QUANTITIES FOUND ELSEWHERE

Addendum No. 04
 ID 1060-33-81
 Revised Sheet 1905
 September 23, 2015

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001PROJECT(S):
1060-33-81
1060-34-82
1060-43-81FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|------------|--|----------------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 0048 | 204.0109.S Removing Concrete Surface Partial Depth **p** | 7,771.000 SF | . | . | . | . |
| 0049 | 204.0110 Removing Asphaltic Surface **p** | 70,771.000 SY | . | . | . | . |
| 0050 | 204.0120 Removing Asphaltic Surface Milling **p** | 31,419.000 SY | . | . | . | . |
| 0051 | 204.0150 Removing Curb & Gutter **p** | 7,078.000 LF | . | . | . | . |
| 0052 | 204.0155 Removing Concrete Sidewalk **p** | 1,217.000 SY | . | . | . | . |
| 0053 | 204.0157 Removing Concrete Barrier **p** | 38,677.000 LF | . | . | . | . |
| 0054 | 204.0165 Removing Guardrail **p** | 5,614.000 LF | . | . | . | . |
| 0055 | 204.0170 Removing Fence **p** | 34,114.000 LF | . | . | . | . |
| 0056 | 204.0195 Removing Concrete Bases | 137.000 EACH | . | . | . | . |
| 0057 | 204.0210 Removing Manholes | 96.000 EACH | . | . | . | . |

SCHEDULE OF ITEMS

REVISED:

| | | |
|-------------|-------------|----------------|
| CONTRACT: | PROJECT(S): | FEDERAL ID(S): |
| 20150929001 | 1060-33-81 | WISC 2015473 |
| | 1060-34-82 | N/A |
| | 1060-43-81 | WISC 2015474 |

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 0102 | 206.3000 Excavation for Structures Retaining Walls (structure) 0005. R-40-630 | LUMP | LUMP | | | . |
| 0103 | 206.3000 Excavation for Structures Retaining Walls (structure) 0006. R-40-631 | LUMP | LUMP | | | . |
| 0104 | 206.3000 Excavation for Structures Retaining Walls (structure) 0007. R-40-655 | LUMP | LUMP | | | . |
| 0105 | 209.0100 Backfill Granular | 10,157.000 CY | . | | | . |
| 0106 | 209.0200.S Backfill Controlled Low Strength | 8,743.000 CY | . | | | . |
| 0107 | 210.0100 Backfill Structure **P** | 21,152.000 CY | . | | | . |
| 0108 | 305.0110 Base Aggregate Dense 3/4-Inch | 903.000 TON | . | | | . |
| 0109 | 305.0120 Base Aggregate Dense 1 1/4-Inch | 271,829.000 TON | . | | | . |
| 0110 | 305.0135 Base Aggregate Dense 3-Inch | 389.000 CY | . | | | . |
| 0111 | 310.0115 Base Aggregate Open Graded | 2,465.000 CY | . | | | . |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001PROJECT(S):
1060-33-81
1060-34-82
1060-43-81FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|------------|--|----------------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 0712 | 653.0905 Removing Pull Boxes | 50.000 EACH | . | | . | |
| 0713 | 654.0101 Concrete Bases Type 1 | 7.000 EACH | . | | . | |
| 0714 | 654.0102 Concrete Bases Type 2 | 1.000 EACH | . | | . | |
| 0715 | 654.0105 Concrete Bases Type 5 | 212.000 EACH | . | | . | |
| 0716 | 654.0110 Concrete Bases Type 10 | 4.000 EACH | . | | . | |
| 0717 | 654.0230 Concrete Control Cabinet Bases Type L30 | 6.000 EACH | . | | . | |
| 0718 | 655.0146 Cable In Duct 4-6 AWG | 4,352.000 LF | . | | . | |
| 0719 | 655.0230 Cable Traffic Signal 5-14 AWG | 1,403.000 LF | . | | . | |
| 0720 | 655.0240 Cable Traffic Signal 7-14 AWG | 2,951.000 LF | . | | . | |
| 0721 | 655.0250 Cable Traffic Signal 9-14 AWG | 1,434.000 LF | . | | . | |

SCHEDULE OF ITEMS

REVISED:

| | | |
|-------------|-------------|----------------|
| CONTRACT: | PROJECT(S): | FEDERAL ID(S): |
| 20150929001 | 1060-33-81 | WISC 2015473 |
| | 1060-34-82 | N/A |
| | 1060-43-81 | WISC 2015474 |

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|--|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 0897 | SPV.0060 Special 0308. Pvmnt Marking Contrast Grooved Pre formed Thermoplastic Arrows Type 5 **p** | 22.000 EACH | . | . | . | . |
| 0898 | SPV.0060 Special 0310. Pavement Marking Contrast Grooved Preformed Thermoplastic Words | 4.000 EACH | . | . | . | . |
| 0899 | SPV.0060 Special 0320. Install Temporary Pavement Marking Orange Arrows | 4.000 EACH | . | . | . | . |
| 0900 | SPV.0060 Special 0322. Truck Cleanout Of Pavement Marking Orange Epoxy | 6.000 EACH | . | . | . | . |
| 0901 | SPV.0060 Special 0400. Traffic Control Close-Open Freeway Entrance Ramp | 1,200.000 EACH | . | . | . | . |
| 0902 | SPV.0060 Special 0401. Traffic Control Close-Open Freeway To Freeway System Ramp | 900.000 EACH | . | . | . | . |
| 0903 | SPV.0060 Special 0402. Traffic Control Interim Freeway Lane Closure | 3,400.000 EACH | . | . | . | . |
| 0904 | SPV.0060 Special 0403. Traffic Control Local Road Lane Closures | 250.000 EACH | . | . | . | . |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001PROJECT(S):
1060-33-81
1060-34-82
1060-43-81FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|------------|---|----------------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 0945 | SPV.0060 Special 1130. Poles Aluminum Type F | 8.000 EACH | . | | . | |
| 0946 | SPV.0060 Special 1131. Concrete Bases Type B | 104.000 EACH | . | | . | |
| 0947 | SPV.0060 Special 1153. Removing Electrical Service Meter Breaker Pedestal Lighting | 7.000 EACH | . | | . | |
| 0948 | SPV.0060 Special 2001. Ground Rod | 37.000 EACH | . | | . | |
| 0949 | SPV.0060 Special 2002. Removing Ramp Control Signal Assembly Sidemount | 6.000 EACH | . | | . | |
| 0950 | SPV.0060 Special 2003. Removing Controller Cabinet | 6.000 EACH | . | | . | |
| 0951 | SPV.0060 Special 2004. Removing Controller Cabinet Base | 7.000 EACH | . | | . | |
| 0952 | SPV.0060 Special 2005. Removing Controller Ramp Meter Processer Assembly | 1.000 EACH | . | | . | |
| 0953 | SPV.0060 Special 2006. Removing Electrical Service Meter Breaker Pedestal | 6.000 EACH | . | | . | |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001

PROJECT(S):
1060-33-81
1060-34-82
1060-43-81

FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 0954 | SPV.0060 Special 2007. Removing Communication Vault | 2.000 EACH | . | | . | |
| 0955 | SPV.0060 Special 2008. Install 80-ft Camera Pole | 1.000 EACH | . | | . | |
| 0956 | SPV.0060 Special 2009. Removing Microwave Detector Assembly | 5.000 EACH | . | | . | |
| 0957 | SPV.0060 Special 2010. Install Portable Video Surveillance System | 1.000 EACH | . | | . | |
| 0958 | SPV.0060 Special 2011. Relocating Portable Video Surveillance System | 4.000 EACH | . | | . | |
| 0959 | SPV.0060 Special 2012. Install Temporary Vehicle Detector Assembly | 7.000 EACH | . | | . | |
| 0960 | SPV.0060 Special 2013. Refocusing Vehicle Detector Assembly | 57.000 EACH | . | | . | |
| 0961 | SPV.0060 Special 2014. Removing Temporary Vehicle Detector Assembly | 18.000 EACH | . | | . | |
| 0962 | SPV.0060 Special 2015. Relocating Temporary Vehicle Detector Assembly | 6.000 EACH | . | | . | |

SCHEDULE OF ITEMS

REVISED:

| | | |
|-------------|-------------|----------------|
| CONTRACT: | PROJECT(S): | FEDERAL ID(S): |
| 20150929001 | 1060-33-81 | WISC 2015473 |
| | 1060-34-82 | N/A |
| | 1060-43-81 | WISC 2015474 |

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|--|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1124 | SPV.0090 Special 4411. Fence Decorative Hast Wall Mounted | 232.000 LF | . | . | . | . |
| 1125 | SPV.0090 Special 4415. Piling Sleeves | 2,407.000 LF | . | . | . | . |
| 1126 | SPV.0090 Special 4420. Foundation Drilling Special | 5,495.000 LF | . | . | . | . |
| 1127 | SPV.0090 Special 4425. Wall Secant Pile 47. 24-Inch | 1,680.000 LF | . | . | . | . |
| 1128 | SPV.0090 Special 4430. Drilled Foundation Shaft 59.06-Inch | 915.000 LF | . | . | . | . |
| 1129 | SPV.0090 Special 4450. Removing Temporary Shoring Left In Place | 622.000 LF | . | . | . | . |
| 1130 | SPV.0090 Special 4455. Fence Chain Link Vinyl Coated 2.75-Ft | 31.000 LF | . | . | . | . |
| 1131 | SPV.0090 Special 4460. Piling CIP Concrete 16 X 0.5-Inch Special B-40-869 | 1,705.000 LF | . | . | . | . |
| 1132 | SPV.0090 Special 4465. Piling CIP Concrete 16 X 0.5-Inch Special B-40-870 | 2,400.000 LF | . | . | . | . |
| 1133 | SPV.0090 Special 4470. Piling Steel HP 14-Inch X 73 Lb Special B-40-882 | 1,300.000 LF | . | . | . | . |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001

PROJECT(S):
1060-33-81
1060-34-82
1060-43-81

FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1210 | SPV.0195 Special 0120. HMA Longitudinal Joint Repair | 40.000 TON | . | . | . | . |
| 1211 | SPV.0195 Special 0700. Management Of Solid Waste | 3,097.000 TON | . | . | . | . |
| 1212 | SPV.0195 Special 0801. Soil Drying Agent | 20,300.000 TON | . | . | . | . |
| 1334 | 630.0171 Seeding Mixture No. 70A | 439.000 LB | . | . | . | . |
| 1335 | 550.2148 Piling CIP Concrete 14 X 0.50-Inch | 1,395.000 LF | . | . | . | . |
| 1336 | SPV.0105 Special 0050. Partially Removing Existing Drilled Shafts | LUMP | LUMP | . | . | . |
| 1337 | SPV.0105 Special 0055. Seeding Establishment | LUMP | LUMP | . | . | . |
| 1338 | SPV.0120 Special 0001. Seeding Water | 16,627.000 MGAL | . | . | . | . |
| 1339 | SPV.0060 Special 0430. Maintaining and Removing Crash Cushion | 33.000 EACH | . | . | . | . |
| | SECTION 0001 TOTAL | | . | . | . | . |

SECTION 0002 B-40-786 (Option A)
ALT GROUP AA1

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001

PROJECT(S):
1060-33-81
1060-34-82
1060-43-81

FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1213 | 206.1000 Excavation for Structures Bridges (structure) 0001. B-40-786 | LUMP | LUMP | | | . |
| 1214 | 209.0100 Backfill Granular | 24.000 CY | . | | . | |
| 1215 | 502.0100 Concrete Masonry Bridges **p** | 812.000 CY | . | | . | |
| 1216 | 505.0405 Bar Steel Reinforcement HS Bridges | 260,690.000 LB | . | | . | |
| 1217 | 505.0605 Bar Steel Reinforcement HS Coated Bridges | 190,360.000 LB | . | | . | |
| 1218 | SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting | 7.000 EACH | . | | . | |
| 1219 | SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch | 7.000 EACH | . | | . | |
| 1220 | SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft | 28.000 HRS | . | | . | |
| 1221 | SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch | 523.000 LF | . | | . | |
| | SECTION 0002 TOTAL | | | | . | |

SECTION 0003 B-40-786 (Option B)
ALT GROUP AA2

SCHEDULE OF ITEMS

REVISED:

| | | |
|-------------|-------------|----------------|
| CONTRACT: | PROJECT(S): | FEDERAL ID(S): |
| 20150929001 | 1060-33-81 | WISC 2015473 |
| | 1060-34-82 | N/A |
| | 1060-43-81 | WISC 2015474 |

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1222 | 206.1000 Excavation for Structures Bridges (structure) 0001. B-40-786 | LUMP | LUMP | | | . |
| 1223 | 209.0100 Backfill Granular | 62.000 CY | . | | . | |
| 1224 | 502.0100 Concrete Masonry Bridges **p** | 1,211.000 CY | . | | . | |
| 1225 | 505.0405 Bar Steel Reinforcement HS Bridges | 213,150.000 LB | . | | . | |
| 1226 | 505.0605 Bar Steel Reinforcement HS Coated Bridges | 208,610.000 LB | . | | . | |
| 1227 | 511.1200 Temporary Shoring (structure) 0001. B-40-786 | 675.000 SF | . | | . | |
| 1228 | 550.2168 Piling CIP Concrete 16 X 0.50-Inch | 5,580.000 LF | . | | . | |
| 1229 | SPV.0060 Special 4110. Pile Dynamic Analyzer (PDA) Testing | 6.000 EACH | . | | . | |
| 1230 | SPV.0060 Special 4115. Pile Dynamic Analyzer (PDA) Restrikes | 6.000 EACH | . | | . | |
| 1231 | SPV.0060 Special 4116. Case Pile Wave Analysis Program (Cap/Wap) Evaluation | 3.000 EACH | . | | . | |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001

PROJECT(S):
1060-33-81
1060-34-82
1060-43-81

FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|--------------------|--|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1232 | SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting | 4.000 EACH | . | | . | |
| 1233 | SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch | 4.000 EACH | . | | . | |
| 1234 | SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft | 16.000 HRS | . | | . | |
| 1235 | SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch | 311.000 LF | . | | . | |
| SECTION 0003 TOTAL | | | | | . | |

SECTION 0004 B-40-853 (Option A)
ALT GROUP BB1

| | | | | | | |
|------|--|-------------------|------|--|---|--|
| 1236 | 206.1000 Excavation for Structures Bridges (structure) 0009. B-40-853 | LUMP | LUMP | | . | |
| 1237 | 209.0100 Backfill Granular | 40.000 CY | . | | . | |
| 1238 | 502.0100 Concrete Masonry Bridges **P** | 428.000 CY | . | | . | |
| 1239 | 505.0405 Bar Steel Reinforcement HS Bridges | 137,850.000 LB | . | | . | |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001PROJECT(S):
1060-33-81
1060-34-82
1060-43-81FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|------------|--|----------------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1240 | 505.0605 Bar Steel Reinforcement HS Coated Bridges | 100,380.000 LB | . | | . | |
| 1241 | 505.0911 Bar Couplers No. 11 | 96.000 EACH | . | | . | |
| 1242 | 511.1200 Temporary Shoring (structure) 0011. B-40-853 | 2,740.000 SF | . | | . | |
| 1243 | SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting | 5.000 EACH | . | | . | |
| 1244 | SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch | 5.000 EACH | . | | . | |
| 1245 | SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft | 20.000 HRS | . | | . | |
| 1246 | SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch | 298.000 LF | . | | . | |
| | SECTION 0004 TOTAL | | | | . | |

SECTION 0005 B-40-853 (Option B)
ALT GROUP BB2

| | | | | | | |
|------|--|------|------|--|---|--|
| 1247 | 206.1000 Excavation for Structures Bridges (structure) 0009. B-40-853 | LUMP | LUMP | | . | |
|------|--|------|------|--|---|--|

SCHEDULE OF ITEMS

REVISED:

| | | |
|-------------|-------------|----------------|
| CONTRACT: | PROJECT(S): | FEDERAL ID(S): |
| 20150929001 | 1060-33-81 | WISC 2015473 |
| | 1060-34-82 | N/A |
| | 1060-43-81 | WISC 2015474 |

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1248 | 209.0100 Backfill Granular | 40.000 CY | . | . | . | . |
| 1249 | 502.0100 Concrete Masonry Bridges **p** | 559.000 CY | . | . | . | . |
| 1250 | 505.0405 Bar Steel Reinforcement HS Bridges | 129,440.000 LB | . | . | . | . |
| 1251 | 505.0605 Bar Steel Reinforcement HS Coated Bridges | 102,550.000 LB | . | . | . | . |
| 1252 | 505.0911 Bar Couplers No. 11 | 96.000 EACH | . | . | . | . |
| 1253 | 511.1200 Temporary Shoring (structure) 0011. B-40-853 | 2,740.000 SF | . | . | . | . |
| 1254 | 550.2168 Piling CIP Concrete 16 X 0.50-Inch | 1,650.000 LF | . | . | . | . |
| 1255 | SPV.0060 Special 4110. Pile Dynamic Analyzer (PDA) Testing | 2.000 EACH | . | . | . | . |
| 1256 | SPV.0060 Special 4115. Pile Dynamic Analyzer (PDA) Restrikes | 2.000 EACH | . | . | . | . |
| 1257 | SPV.0060 Special 4116. Case Pile Wave Analysis Program (Cap/Wap) Evaluation | 1.000 EACH | . | . | . | . |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001

PROJECT(S):
1060-33-81
1060-34-82
1060-43-81

FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|--|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1258 | SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting | 4.000 EACH | . | | . | |
| 1259 | SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch | 4.000 EACH | . | | . | |
| 1260 | SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft | 16.000 HRS | . | | . | |
| 1261 | SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch | 236.500 LF | . | | . | |
| | SECTION 0005 TOTAL | | | | . | |

SECTION 0006 B-40-854 (Option A)
ALT GROUP CC1

| | | | | | | |
|------|--|-------------------|------|--|---|--|
| 1262 | 206.1000 Excavation for Structures Bridges (structure) 0010. B-40-854 | LUMP | LUMP | | . | |
| 1263 | 209.0100 Backfill Granular | 250.000 CY | . | | . | |
| 1264 | 502.0100 Concrete Masonry Bridges **P** | 2,771.000 CY | . | | . | |
| 1265 | 505.0405 Bar Steel Reinforcement HS Bridges | 435,860.000 LB | . | | . | |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001PROJECT(S):
1060-33-81
1060-34-82
1060-43-81FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|------------|---|----------------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1266 | 505.0605 Bar Steel Reinforcement HS Coated Bridges | 755,100.000 LB | . | . | . | . |
| 1267 | 505.0800.S Bar Steel Reinforcement HS Stainless Structures | 1,430.000 LB | . | . | . | . |
| 1268 | 505.0911 Bar Couplers No. 11 | 144.000 EACH | . | . | . | . |
| 1269 | 511.1200 Temporary Shoring (structure) 0012. B-40-854 | 3,240.000 SF | . | . | . | . |
| 1270 | 612.0106 Pipe Underdrain 6-Inch | 40.000 LF | . | . | . | . |
| 1271 | 612.0206 Pipe Underdrain Unperforated 6-Inch | 40.000 LF | . | . | . | . |
| 1272 | 645.0111 Geotextile Fabric Type DF Schedule A | 33.000 SY | . | . | . | . |
| 1273 | SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting | 14.000 EACH | . | . | . | . |
| 1274 | SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch | 5.000 EACH | . | . | . | . |
| 1275 | SPV.0060 Special 4162. Tip Testing Drilled Foundation Shaft 118. 11-Inch | 9.000 EACH | . | . | . | . |

SCHEDULE OF ITEMS

REVISED:

| | | |
|-------------|-------------|----------------|
| CONTRACT: | PROJECT(S): | FEDERAL ID(S): |
| 20150929001 | 1060-33-81 | WISC 2015473 |
| | 1060-34-82 | N/A |
| | 1060-43-81 | WISC 2015474 |

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1276 | SPV.0060 Special 4181. Bar Couplers No. 18 | 210.000 EACH | . | | . | |
| 1277 | SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft | 56.000 HRS | . | | . | |
| 1278 | SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch | 364.000 LF | . | | . | |
| 1279 | SPV.0090 Special 4440. Drilled Foundation Shaft 118.11-Inch | 525.000 LF | . | | . | |
| 1280 | SPV.0105 Special 4520. Trial Drilled Foundation Shaft 118.11-Inch | LUMP | LUMP | | . | |
| | SECTION 0006 TOTAL | | | | . | |

SECTION 0007 B-40-854 (Option B)
ALT GROUP CC2

| | | | | | | |
|------|--|-----------------|------|--|---|--|
| 1281 | 206.1000 Excavation for Structures Bridges (structure) 0010. B-40-854 | LUMP | LUMP | | . | |
| 1282 | 209.0100 Backfill Granular | 2,190.000 CY | . | | . | |
| 1283 | 502.0100 Concrete Masonry Bridges **P** | 3,938.000 CY | . | | . | |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001PROJECT(S):
1060-33-81
1060-34-82
1060-43-81FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|------------|--|----------------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1284 | 505.0405 Bar Steel Reinforcement HS Bridges | 377,110.000 LB | . | . | . | . |
| 1285 | 505.0605 Bar Steel Reinforcement HS Coated Bridges | 720,240.000 LB | . | . | . | . |
| 1286 | 505.0800.S Bar Steel Reinforcement HS Stainless Structures | 1,430.000 LB | . | . | . | . |
| 1287 | 505.0911 Bar Couplers No. 11 | 96.000 EACH | . | . | . | . |
| 1288 | 511.1200 Temporary Shoring (structure) 0012. B-40-854 | 3,240.000 SF | . | . | . | . |
| 1289 | 550.2168 Piling CIP Concrete 16 X 0.50-Inch | 14,870.000 LF | . | . | . | . |
| 1290 | 612.0106 Pipe Underdrain 6-Inch | 40.000 LF | . | . | . | . |
| 1291 | 612.0206 Pipe Underdrain Unperforated 6-Inch | 40.000 LF | . | . | . | . |
| 1292 | 645.0111 Geotextile Fabric Type DF Schedule A | 33.000 SY | . | . | . | . |
| 1293 | SPV.0060 Special 4110. Pile Dynamic Analyzer (PDA) Testing | 16.000 EACH | . | . | . | . |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001PROJECT(S):
1060-33-81
1060-34-82
1060-43-81FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|------------|--|----------------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1294 | SPV.0060 Special 4115. Pile Dynamic Analyzer (PDA) Restrikes | 16.000 EACH | . | . | . | . |
| 1295 | SPV.0060 Special 4116. Case Pile Wave Analysis Program (Cap/Wap) Evaluation | 8.000 EACH | . | . | . | . |
| 1296 | SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting | 6.000 EACH | . | . | . | . |
| 1297 | SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch | 2.000 EACH | . | . | . | . |
| 1298 | SPV.0060 Special 4162. Tip Testing Drilled Foundation Shaft 118. 11-Inch | 4.000 EACH | . | . | . | . |
| 1299 | SPV.0060 Special 4181. Bar Couplers No. 18 | 70.000 EACH | . | . | . | . |
| 1300 | SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft | 24.000 HRS | . | . | . | . |
| 1301 | SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch | 207.000 LF | . | . | . | . |
| 1302 | SPV.0090 Special 4440. Drilled Foundation Shaft 118.11-Inch | 227.000 LF | . | . | . | . |

SCHEDULE OF ITEMS

REVISED:

| | | |
|-------------|-------------|----------------|
| CONTRACT: | PROJECT(S): | FEDERAL ID(S): |
| 20150929001 | 1060-33-81 | WISC 2015473 |
| | 1060-34-82 | N/A |
| | 1060-43-81 | WISC 2015474 |

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1303 | SPV.0105 Special 4520. Trial Drilled Foundation Shaft 118.11-Inch | LUMP | LUMP | | | . |
| | SECTION 0007 TOTAL | | | | | . |

SECTION 0008 B-40-856 (Option A)
ALT GROUP DD1

| | | | | | | |
|------|--|-------------------|------|---|--|---|
| 1304 | 206.1000 Excavation for Structures Bridges (structure) 0011. B-40-856 | LUMP | LUMP | | | . |
| 1305 | 209.0100 Backfill Granular | 73.000 CY | | . | | . |
| 1306 | 502.0100 Concrete Masonry Bridges **P** | 2,828.000 CY | | . | | . |
| 1307 | 505.0405 Bar Steel Reinforcement HS Bridges | 325,210.000 LB | | . | | . |
| 1308 | 505.0605 Bar Steel Reinforcement HS Coated Bridges | 675,740.000 LB | | . | | . |
| 1309 | 511.1200 Temporary Shoring (structure) 0003. B-40-856 | 2,445.000 SF | | . | | . |
| 1310 | SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting | 12.000 EACH | | . | | . |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001

PROJECT(S):
1060-33-81
1060-34-82
1060-43-81

FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|--------------------|--|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1311 | SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch | EACH 2.000 | . | | . | |
| 1312 | SPV.0060 Special 4162. Tip Testing Drilled Foundation Shaft 118. 11-Inch | EACH 10.000 | . | | . | |
| 1313 | SPV.0060 Special 4181. Bar Couplers No. 18 | EACH 150.000 | . | | . | |
| 1314 | SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft | HRS 48.000 | . | | . | |
| 1315 | SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch | LF 115.000 | . | | . | |
| 1316 | SPV.0090 Special 4440. Drilled Foundation Shaft 118.11-Inch | LF 598.000 | . | | . | |
| SECTION 0008 TOTAL | | | | | . | |

SECTION 0009 B-40-856 (Option B)
ALT GROUP DD2

| | | | | | | |
|------|---|------------|------|--|---|--|
| 1317 | 206.1000 Excavation for Structures Bridges (structure) 0011. B-40-856 | LUMP | LUMP | | . | |
| 1318 | 209.0100 Backfill Granular | CY 133.000 | . | | . | |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001PROJECT(S):
1060-33-81
1060-34-82
1060-43-81FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1319 | 502.0100 Concrete Masonry Bridges **p** | 3,502.000 CY | . | | . | |
| 1320 | 505.0405 Bar Steel Reinforcement HS Bridges | 319,380.000 LB | . | | . | |
| 1321 | 505.0605 Bar Steel Reinforcement HS Coated Bridges | 649,700.000 LB | . | | . | |
| 1322 | 511.1200 Temporary Shoring (structure) 0003. B-40-856 | 2,955.000 SF | . | | . | |
| 1323 | 550.2168 Piling CIP Concrete 16 X 0.50-Inch | 7,980.000 LF | . | | . | |
| 1324 | SPV.0060 Special 4110. Pile Dynamic Analyzer (PDA) Testing | 10.000 EACH | . | | . | |
| 1325 | SPV.0060 Special 4115. Pile Dynamic Analyzer (PDA) Restrikes | 10.000 EACH | . | | . | |
| 1326 | SPV.0060 Special 4116. Case Pile Wave Analysis Program (Cap/Wap) Evaluation | 5.000 EACH | . | | . | |
| 1327 | SPV.0060 Special 4150. Drilled Foundation Shaft Base Grouting | 7.000 EACH | . | | . | |
| 1328 | SPV.0060 Special 4160. Tip Testing Drilled Foundation Shaft 98. 43-Inch | 1.000 EACH | . | | . | |

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150929001

PROJECT(S):
1060-33-81
1060-34-82
1060-43-81

FEDERAL ID(S):
WISC 2015473
N/A
WISC 2015474

CONTRACTOR : _____

| LINE NO | ITEM DESCRIPTION | APPROX. QUANTITY AND UNITS | UNIT PRICE | | BID AMOUNT | |
|---------|---|----------------------------|------------|-----|------------|-----|
| | | | DOLLARS | CTS | DOLLARS | CTS |
| 1329 | SPV.0060 Special 4162. Tip Testing Drilled Foundation Shaft 118. 11-Inch | EACH 6.000 | . | | . | |
| 1330 | SPV.0060 Special 4181. Bar Couplers No. 18 | EACH 90.000 | . | | . | |
| 1331 | SPV.0075 Special 4200. Obstructions Drilled Foundation Shaft | HRS 28.000 | . | | . | |
| 1332 | SPV.0090 Special 4435. Drilled Foundation Shaft 98.43-Inch | LF 65.000 | . | | . | |
| 1333 | SPV.0090 Special 4440. Drilled Foundation Shaft 118.11-Inch | LF 355.000 | . | | . | |
| | SECTION 0009 TOTAL | | | | . | |
| | TOTAL BID | | | | . | |