



Wisconsin Department of Transportation

August 31, 2017

Division of Transportation Systems Development

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

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

**Proposal #11: 1030-20-85, WISC 2017 485
N-S Freeway - Ryan Road
Interchange
Ryan Rd, Bridge & Ramps
IH 94
Milwaukee County**

**1030-26-72
North-South Freeway
Ryan Road to Rawson Avenue
(Box Culvert Extensions)
IH 94
Milwaukee County**

Letting of September 12, 2017

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

Special Provisions:

| Revised Special Provisions | |
|----------------------------|---|
| Article No. | Description |
| 109 | Maintain Crash Cushions Temporary Left In Place, Item SPV.0060.0014 |
| 154 | Maintain Concrete Barrier Temporary Precast Left In Place, Item SPV.0090.0006 |
| 168 | Remove Traffic Signals IH 94 EB Ramps & STH 100, Item SPV.0105.3001; IH 94 WB Ramps & STH 100, Item SPV.0105.3002 |

| Added Special Provisions | |
|--------------------------|--|
| Article No. | Description |
| 185 | Remove Loop Detector Wire and Lead-in Cable IH 94 EB Ramps & STH 100, Item SPV.0105.3003; IH 94 WB Ramps & STH 100, Item SPV.0105.3004; STH 100 & S. 13th Street, Item SPV.0105.3005 |

| Deleted Special Provisions | |
|----------------------------|---|
| Article No. | Description |
| 157 | Concrete Barrier Temporary Precast Delivered Special, Item SPV.0090.0502 |
| 169 | Remove Traffic Signals IH 94 EB Ramps & STH 100, Item SPV.0105.3001; IH 94 WB Ramps & STH 100, Item SPV.0105.3002 |

Schedule of Items:

| Revised Bid Item Quantities | | | | | |
|------------------------------------|--|------|--------------|------------------|----------------|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| 205.0100 | Excavation Common | CY | 142,166 | -832 | 141,334 |
| 603.8000 | Concrete Barrier Temporary Precast Delivered | LF | 21,627 | 824 | 22,451 |
| 603.8125 | Concrete Barrier Temporary Precast Installed | LF | 15,360 | 8,804 | 24,164 |

| Deleted Bid Item Quantities | | | | | |
|------------------------------------|--|------|--------------|------------------|----------------|
| Bid Item | Item Description | Unit | Old Quantity | Revised Quantity | Proposal Total |
| SPV.0090.0502 | Concrete Barrier Temporary Precast Delivered Special | LF | 716 | -716 | 0 |

Plan Sheets:

| Revised Plan Sheets | |
|----------------------------|---|
| Plan Sheet | Plan Sheet Title (brief description of changes to sheet) |
| 456 | Miscellaneous Quantities–revised quantity for item 205.0100 Excavation Common |
| 460 | Miscellaneous Quantities–deleted quantity for item SPV.0090.0502 Concrete Barrier Temporary Precast Delivered Special |
| 477 | Miscellaneous Quantities–revised quantity for item 603.8000 Concrete Barrier Temporary Precast Delivered and item 603.8125 Concrete Barrier Temporary Precast Installed |
| 905 | Earthwork–revised quantities in table |

| Added Plan Sheets | |
|--------------------------|--|
| Plan Sheet | Plan Sheet Title (brief description of why sheet was added) |
| 891A | Earthwork–earthwork table for temporary alignment left out of plan set |
| 891B | Earthwork–earthwork table for temporary alignment left out of plan set |

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. 02
1030-20-85/1030/26-72
August 30, 2017

Special Provisions

109. Maintain Crash Cushions Temporary Left In Place, Item SPV.0060.0014

*Replace paragraph two under section titled **A Description** with the following:*

The temporary crash cushions shall remain the property of the Department at the completion of the contract.

154. Maintain Concrete Barrier Temporary Precast Left In Place, Item SPV.0090.0006

*Replace paragraph two under section titled **A Description** with the following:*

The concrete barriers temporary precast and temporary glare screen shall remain the property of the Department at the completion of the contract.

157. DELETED.

168. Remove Traffic Signals IH 94 EB Ramps & STH 100, Item SPV.0105.3001; IH 94 WB Ramps & STH 100, Item SPV.0105.3002

*Replace paragraph four under section titled **C Construction** with the following:*

Remove all standards and poles per plan from their concrete footings and disassemble out of traffic. Remove the transformer bases from each pole. Remove the signal heads, emergency vehicle preemption heads (EVP), mast arms, luminaires, wiring/cabling, and traffic signal mounting devices from each signal standard, arm or pole. Ensure that all access hand hole doors and all associated hardware remain intact. Dispose of the underground signal cable, internal wires and street lighting cable off the state right-of-way. Neatly stockpile the remaining materials in a safe and secure area on-site for the Department to pick-up. Contact the department's Electrical Field Unit at (414) 266-1170 at least five working days prior to equipment pick-up to coordinate logistics.

*Replace the last paragraph under section titled **E Payment** with the following:*

Payment is full compensation for removing, disassembling traffic signals, scrapping of some materials, disposing of scrap material, and for stockpiling the requested materials for department pick-up.

169. DELETED.

185. Remove Loop Detector Wire and Lead-in Cable IH 94 EB Ramps & STH 100, Item SPV.0105.3003; IH 94 WB Ramps & STH 100, Item SPV.0105.3004; STH 100 & S. 13th Street, Item SPV.0105.3005

A Description

This special provision describes removing loop detector wire and lead-in cable. Removal will be according to standard spec 204, as shown in the plans, and as hereinafter provided.

B (Vacant)

C Construction

Notify the department's Electrical Field Unit at (414) 266-1170 at least five working days prior to the removal of the loop detector wire and lead-in cable.

Remove and dispose of detector lead-in cable including loop wire for abandoned loops off the right-of-way.

D Measurement

The department will measure Remove Loop Detector Wire and Lead-in Cable as a single lump sum unit of work for each intersection, acceptably completed.

E Payment

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

| ITEM NUMBER | DESCRIPTION | UNIT |
|---------------|---|------|
| SPV.0105.3003 | Remove Loop Detector Wire and Lead-in Cable IH 94 EB Ramps & STH 100 | LS |
| SPV.0105.3004 | Remove Loop Detector Wire and Lead-in Cable IH 94 WB Ramps & STH 100 | LS |
| SPV.0105.3005 | Remove Loop Detector Wire and Lead-in Cable STH 100 & S. 13 th Street | LS |

Payment is full compensation for removing, scrapping, and disposing of material.

Schedule of Items

Attached, dated August 31, 2017, are the revised Schedule of Items Pages 2, 8, and 32 – 37.

Plan Sheets

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

Revised: 456, 460, 477, and 905

Added: 891A and 891B

END OF ADDENDUM

| Division | From/To Station | Location | Excavation Common (1) | Excavation item 205.0100 (3) | Salvaged/Unusable Pavement Material (4) | Available Material (5) | Reduced EBS in Fill (6) | Expanded EBS Backfill (7) | Estimated Disposal Area Outside 1:1 Slope (8) | Unexpanded Fill | Expanded Fill (9) | Mass Ordinate +/- (10) | Waste | Comment: |
|---------------------|----------------------------|-------------------------|-----------------------|------------------------------|---|------------------------|-------------------------|---------------------------|---|-----------------|-------------------|------------------------|---------|----------|
| 1 | 38RY+48 TO 60RY+42 | RYAN RD | 7,710 | 0 | 2,835 | 4,875 | 0 | 0 | 0 | 14,752 | 17,703 | -12,828 | -12,828 | |
| | 249RYA+00 TO 255RYA+50 | RAMP RYA | 2,205 | 0 | 1,739 | 465 | 0 | 0 | 0 | 1,770 | 2,124 | -1,659 | -1,659 | |
| | 248RYD+04 TO 254RYD+00 | RAMP RYD | 8,241 | 0 | 0 | 8,241 | 0 | 0 | 0 | 6,799 | 8,158 | 83 | 83 | |
| | 253+91.05 TO 260+15.31 | RAMP RYATA | 2,684 | 0 | 0 | 2,684 | 0 | 0 | 0 | 2,121 | 2,545 | 139 | 139 | |
| | 254+00.00 TO 258+97.51 | RAMP RADTA | 694 | 0 | 0 | 694 | 0 | 0 | 0 | 2,373 | 2,848 | -2,154 | -2,154 | |
| | 261RYATB+00 TO 287RYATB+00 | RAMP RYATB | 17,817 | 0 | 646 | 17,172 | 0 | 0 | 0 | 599 | 719 | 16,453 | 16,453 | |
| | 259RYDTB+00 TO 285RYDTB+59 | RAMP RYDTB | 16,200 | 0 | 772 | 15,428 | 0 | 0 | 0 | 589 | 707 | 14,721 | 14,721 | |
| Division 1 Subtotal | | | 55,551 | 0 | 5,992 | 49,559 | 0 | 0 | 0 | 29,003 | 34,804 | 14,755 | 14,755 | |
| 2 | 255RYA+50 TO 79RYA+53 | RYAN RD | 8,707 | 0 | 2,849 | 5,858 | 0 | 0 | 0 | 13,296 | 15,956 | -10,098 | -10,098 | |
| | 237RYB+50 TO 248RYB+60 | RAMP RYB | 15,097 | 0 | 2,505 | 5,995 | 0 | 0 | 0 | 2,310 | 2,771 | 3,224 | 3,224 | |
| | 237RYC+50 TO 248RYC+57 | RAMP RYC | 5,240 | 0 | 292 | 14,805 | 0 | 0 | 0 | 1,986 | 2,383 | 12,422 | 12,422 | |
| | 254RYD+00 TO 256RYD+83 | RAMP RYD | 5,279 | 0 | 0 | 5,240 | 0 | 0 | 0 | 1,647 | 1,976 | 3,263 | 3,263 | |
| | 257RYDTB+00 TO 285RYDTB+59 | RAMP RYDTB | 1,121 | 0 | 0 | 5,279 | 0 | 0 | 0 | 3,446 | 4,135 | 1,143 | 1,143 | |
| | 247+42 TO 265+80 | MAINLINE | 5,270 | 0 | 816 | 1,121 | 0 | 0 | 0 | 388 | 465 | 656 | 656 | |
| | 10NWDP+65 TO 16NWDP+25 | NWDP | 20,203 | 0 | 0 | 20,203 | 0 | 0 | 0 | 7 | 8 | 4,445 | 4,445 | |
| | 51SEDP+50 TO 55EDP+50 | SEDP | 77 | 0 | 0 | 77 | 0 | 0 | 0 | 11 | 13 | 64 | 64 | |
| | 11NEPR+50 TO 17NEPR+80 | NEPR | 4,042 | 0 | 4,730 | -868 | 0 | 0 | 0 | 22,879 | 27,454 | -28,142 | -28,142 | |
| | 3SWS+00 TO 12SWS+07 | SWS | 7,780 | 0 | 0 | 7,780 | 0 | 0 | 0 | 0 | 0 | 7,780 | 7,780 | |
| Division 2 Subtotal | | UNDISTRIBUTED | 81,316 | 0 | 11,192 | 70,124 | 0 | 0 | 0 | 46,098 | 55,318 | 14,806 | 14,806 | |
| Grand Total | | Total Excavation Common | 136,868 | 2,000 | 17,185 | 119,683 | 0 | 0 | 0 | 75,101 | 90,122 | 29,561 | 29,561 | |

Addendum No. 02
ID 1030-20-85
Revised Sheet 456
August 31, 2017

EARTHWORK SUMMARY NOTES:

- Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
- Salvaged/Unusable Pavement Material is included in Cut.
- EBS Excavation to be backfilled with Borrow or Cut.
- Salvaged/Unusable Pavement Material - Not shown in Earthwork Detail Sheets
- Available Material = Cut - Salvaged/Unusable Pavement Material
- Reduced EBS in Fill - Excavated EBS material is usable in Fills outside the 1:1 slope. EBS in Fill Reduction factor = 0.8
- Expanded EBS Backfill - This is to be filled with Borrow or Cut material. EBS Backfill Factor = 1.3.
- The estimated area outside the 1:1 fill slopes where excavated EBS or excess topsoil material is placed.
Expanded Fill = (Unexpanded Fill - Reduced EBS) * Fill Factor
- Expanded Fill Factor = 1.20

If Reduced EBS > than volume available outside of the 1:1 slope
Subtract only available volume. Remaining volume or reduced EBS is considered waste.

10) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division. (Incl. Salv/Unusable Pavement Quantities shown in this table)
The Mass Ordinate number will vary between the summary and individual detail sheets due to the Salvaged/Unusable Pavement Material being shown in the summary sheet only.

11) The structural backfill needed to construct the retaining walls has been estimated. The structural backfill quantity has been subtracted from the fill volume in all end area calculations.
The width of the structural backfill off of the back of the wall has been estimated as 0.8 times the height of the retaining walls.

12) Structure Excavation, due to retaining wall construction, (estimated 6900 cy) is not included in this table and should be considered additional waste.

CONCRETE CURB & GUTTER

| CATEGORY | STAGE | LOCATION | STATION | TO | OFFSET | 601.0409 | | 601.0411 | | 601.0551 | | 601.0600 | |
|----------|-------|-------------------------------|-----------|----|--------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|----|
| | | | | | | CONCRETE CURB & GUTTER 30-INCH TYPE A | CONCRETE CURB & GUTTER 36-INCH TYPE A | CONCRETE CURB & GUTTER 4-INCH SLOPED | CONCRETE CURB & GUTTER 4-INCH SLOPED | CONCRETE CURB & GUTTER 12-INCH DEPTH | CONCRETE CURB & GUTTER 60-INCH TYPE A | CONCRETE CURB & GUTTER 60-INCH TYPE A | |
| | | | | | | LF | LF | LF | LF | LF | LF | LF | LF |
| 1000 | 1 | <u>RYAN ROAD</u> | 42RY+50 | | LT | -- | -- | -- | -- | -- | -- | -- | -- |
| | | | 39RY+47 | | MEDIAN | -- | 720 | -- | -- | -- | -- | -- | -- |
| | | | 46RY+94 | | LT | -- | 541 | -- | -- | -- | -- | -- | -- |
| | | | 47RY+51 | | MEDIAN | -- | 215 | -- | -- | -- | -- | -- | -- |
| | | | 52RY+96 | | LT | -- | 262 | -- | -- | -- | -- | -- | -- |
| | | | 50RY+89 | | MEDIAN | -- | 221 | -- | -- | -- | -- | -- | -- |
| | | | 52RY+17 | | MEDIAN | -- | 247 | -- | -- | -- | -- | -- | -- |
| | | | 53RY+56 | | LT | -- | 526 | -- | -- | -- | -- | -- | -- |
| | | | 58RY+27 | | MEDIAN | -- | 558 | -- | -- | -- | -- | -- | -- |
| | | | 58RY+81 | | LT | -- | -- | -- | -- | -- | -- | 14 | -- |
| | | | 59RY+01 | | MEDIAN | -- | -- | -- | -- | -- | -- | -- | -- |
| | | <u>RAMP RYA</u> | 249RYA+50 | | RT | -- | 620 | -- | -- | -- | -- | -- | -- |
| | | | 248RYA+82 | | MEDIAN | -- | -- | 1,133 | -- | -- | -- | -- | -- |
| | | <u>RAMP RYD</u> | 248RYD+71 | | MEDIAN | -- | -- | -- | 83 | -- | -- | -- | -- |
| | | <u>SUBTOTALS</u> | | | | -- | 3,910 | -- | 1,216 | -- | -- | 14 | -- |
| 1000 | 2 | <u>RYAN ROAD</u> | 39RY+48 | | RT | -- | 302 | -- | -- | -- | -- | -- | -- |
| | | | 39RY+48 | | MEDIAN | -- | 920 | -- | -- | -- | -- | -- | -- |
| | | | 46RY+43 | | LT | -- | 912 | -- | -- | -- | -- | -- | -- |
| | | | 46RY+85 | | RT | -- | 290 | -- | -- | -- | -- | -- | -- |
| | | | 52RY+94 | | RT | -- | 224 | -- | -- | -- | -- | -- | -- |
| | | | 53RY+42 | | RT | -- | 752 | -- | -- | -- | -- | -- | -- |
| | | | 53RY+30 | | MEDIAN | -- | 485 | -- | -- | -- | -- | -- | -- |
| | | | 53RY+83 | | LT | -- | 181 | -- | -- | -- | -- | -- | -- |
| | | | 58RY+95 | | MEDIAN | -- | 302 | -- | -- | -- | -- | -- | -- |
| | | <u>RAMP RYA</u> | 247RYB+58 | | ISLAND | -- | -- | 1,289 | -- | -- | -- | -- | -- |
| | | <u>RAMP RYB</u> | 247RYB+58 | | ISLAND | -- | -- | -- | 44 | -- | -- | -- | -- |
| | | <u>RAMP RYC</u> | 239RYC+20 | | ISLAND | -- | -- | -- | 54 | -- | -- | -- | -- |
| | | <u>NORTHEAST PARK AND ROE</u> | 11NEPR+06 | | LT/RT | 258 | 1,852 | -- | -- | -- | -- | -- | -- |
| | | | 11NEPR+06 | | MEDIAN | 325 | 84 | -- | -- | -- | -- | -- | -- |
| | | | 11NEPR+53 | | MEDIAN | 511 | -- | -- | -- | -- | -- | -- | -- |
| | | | 12NEPR+13 | | MEDIAN | 638 | -- | -- | -- | -- | -- | -- | -- |
| | | | 12NEPR+88 | | MEDIAN | 33 | 208 | -- | -- | -- | -- | -- | -- |
| | | <u>SUBTOTALS</u> | | | | 1,765 | 2,144 | 3,126 | 1,387 | -- | -- | -- | -- |
| | | <u>TOTALS</u> | | | | 1,765 | 2,144 | 7,036 | 2,603 | -- | -- | 14 | -- |

PROJECT NO: 1030-20-85
 COUNTY: MILWAUKEE
 HWY: IH 94/RYAN ROAD
 FILE NAME: S:\F\road\design\MIL10302085_RYRoads\ds030201_mq_paw.ppt
 PLOT DATE: 8/30/2017 10:15:50 AM
 PLOT BY: MSCGEJ
 PLOT NAME: 1030201_mq_paw2
 PLOT SCALE: 1:1

Addendum No. 02
 ID 1030-20-85
 Revised Sheet 460
 August 31, 2017

CONCRETE DRIVEWAYS

| CATEGORY | STAGE | ROADWAY | LOCATION | OFFSET | SY |
|----------|-------|------------------|----------|----------|-----|
| 1000 | 1 | <u>RYAN ROAD</u> | 45RY+26 | 69.4' LT | 49 |
| | 2 | <u>RYAN ROAD</u> | 37RY+97 | 64.0' RT | 55 |
| | | <u>TOTAL</u> | | | 104 |

416.0170
 CONCRETE
 DRIVEWAY
 7-INCH

GEOGRID ITEMS

| CATEGORY | STAGE | LOCATION | STATION | OFFSET TO | STATION | OFFSET | SY |
|----------|-------|---------------|-------------|-----------|-------------|--------|-----|
| 7170 | 1 | RAMP RYA | 260RYA+20 | 32' LT | 260RYA+20 | 8' LT | 83 |
| | | | 260RYA+20 | 8' LT | 260RYA+38 | 41' RT | 173 |
| | | RAMP RYDTB | 259RYDTB+97 | 37' LT | 260RYDTB+13 | 30' RT | 233 |
| | | <u>TOTALS</u> | | | | | 489 |

SPV.0180.0001
 GEOGRID
 REINFORCEMENT

CONCRETE BARRIER TEMPORARY PRECAST DELIVERED SPECIAL

| CATEGORY | STAGE | ROADWAY | STATION TO | STATION | OFFSET | LF |
|----------|-------|--------------|------------|---------|--------|-----|
| 1000 | 2 | IH94 | 247+42 | 249+21 | RT | 179 |
| | | | 247+42 | 249+21 | LT | 179 |
| | | | 247+42 | 249+21 | CENTER | 368 |
| | | <u>TOTAL</u> | | | | 726 |

SPV.0090.0502
 CONCRETE BARRIER
 TEMPORARY PRECAST
 DELIVERED SPECIAL

MISCELLANEOUS QUANTITIES
 COUNTY: MILWAUKEE
 SHEET: 460
 FILE NAME: S:\F\road\design\MIL10302085_RYRoads\ds030201_mq_paw.ppt
 PLOT DATE: 8/30/2017 10:15:50 AM
 PLOT BY: MSCGEJ
 PLOT NAME: 1030201_mq_paw2
 PLOT SCALE: 1:1

TEMPORARY CONCRETE BARRIER ITEMS

| CATEGORY | STAGE | LOCATION | STATION | CONCRETE BARRIER DELIVERED LF | CONCRETE BARRIER INSTALLED LF | CONCRETE BARRIER TEMPORARY PRECAST LEFT IN PLACE LF | SPV.0090.0006 ^a MAINTAIN |
|----------------------|-------|----------|---------|-------------------------------|-------------------------------|---|-------------------------------------|
| 1000 | N/A | IH 94 | | -- | -- | | 1,513 |
| SUBTOTALS | | | | -- | -- | | 1,513 |
| 1000 | 1B | IH 94 | 236+73 | 6,139 | 6,139 | | -- |
| | | IH 94 | 230+28 | 5,587 | 5,587 | | -- |
| 1000 | 2A | IH 94 | 237+00 | -- | 262 ^b | | -- |
| | | IH 94 | 241+96 | -- | 239 ^b | | -- |
| | | IH 94 | 249+21 | 179 | 179 | | -- |
| | | IH 94 | 247+42 | 179 | 179 | | -- |
| | | IH 94 | 247+42 | 358 | 358 | | -- |
| 1000 | 2B | IH 94 | 237+97 | -- | 311 ^b | | -- |
| | | IH 94 | 237+00 | -- | 442 ^b | | -- |
| | | IH 94 | 262+00 | -- | 236 ^b | | -- |
| 1000 | 2C | IH 94 | 239+78 | 2,254 | 2,254 | | 356 |
| | | IH 94 | 239+58 | 3,196 | 3,196 | | 297 |
| SUBTOTALS | | | | 17,892 | 19,382 | | 653 |
| UNDISTRIBUTED | | | | 2,684 | 2,907 | | 325 |
| TOTALS | | | | 20,576 | 22,289 | | 2,491 |

^a APPLIES TO ITEMS LEFT IN PLACE FROM PREVIOUS PROJECT(S). FIELD VERIFY QUANTITIES PRIOR TO START OF CONSTRUCTION.
^b ADDITIONAL CONCRETE BARRIER REQUIRED FOR THIS STAGE SALVAGED FROM CONCRETE BARRIER REMOVED IN PREVIOUS STAGES.

TRAFFIC CONTROL MISCELLANEOUS ITEMS

| CATEGORY | STAGE | LOCATION | STATION | OFFSET | 614.0905 CRASH CUSHIONS TEMPORARY EACH |
|-----------------|-------|----------|---------|------------|--|
| 1000 | 1B | IH 94 | 230+05 | 52.57' RT | 1 |
| | | IH 94 | 240+36 | 19.89' RT | 1 |
| | | IH 94 | 266+32 | 51.40' RT | 1 |
| | | IH 94 | 255+94 | 14.34' LT | 1 |
| | | IH 94 | 262+82 | 39.41' LT | 1 |
| | | IH 94 | 286+47 | 58.30' LT | 1 |
| SUBTOTAL | | | | | 6 |
| 1000 | 2A | IH 94 | 241+85 | 410.62' LT | 1 |
| 1000 | 2C | IH 94 | 262+34 | 45.92' LT | 1 |
| TOTAL | | | | | 8 |

MOVING SIGNS

| CATEGORY | STAGE | LOCATION | 638.2102 MOVING SIGNS TYPE I |
|--------------------------|-------|----------|------------------------------|
| 1000 | 1B | IH 94 | 2 |
| STAGE 1 SUBTOTALS | | | 2 |
| 1000 | 2A | IH 94 | 2 |
| 1000 | 2B | IH 94 | 1 |
| STAGE 2 SUBTOTALS | | | 3 |
| UNDISTRIBUTED | | | 1 |
| TOTALS | | | 6 |

Addendum No. 02
 ID 1030-20-85
 Revised Sheet 477
 August 31, 2017

Division 1 RAMP RYATA

| STATION | Real Station | Distance | AREA (SF) | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | | Mass Ordinate | Note 6 |
|---------------|--------------|----------|-----------|-------------------------------------|-----------------------------------|--------|--------|-------------------------------------|--------|---------|--------|---------------|---------|
| | | | Cut | Salvaged/Unusable Pavement Material | Fill | EBS | Cut | Salvaged/Unusable Pavement Material | Fill | EBS | Cut | | |
| | | | Note 1 | Note 2 | Note 3 | Note 4 | Note 5 | Note 1 | Note 2 | Note 3 | Note 4 | Note 5 | Note 6 |
| 258+91.05 AH | 25391.05 | 0.00 | 11.83 | 0.00 | 28.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 254+00.00 | 25400.00 | 8.95 | 18.68 | 0.00 | 19.86 | 0.00 | 0.00 | 5.06 | 0.00 | 8.03 | 0.00 | 0.00 | -4.58 |
| 254+50.00 | 25450.00 | 50.00 | 59.75 | 0.00 | 3.78 | 0.00 | 0.00 | 72.62 | 0.00 | 21.89 | 0.00 | 0.00 | 41.77 |
| 255+00.00 | 25500.00 | 50.00 | 104.18 | 0.00 | 187.94 | 0.00 | 0.00 | 151.79 | 0.00 | 177.52 | 0.00 | 0.00 | -19.46 |
| 255+50.00 | 25550.00 | 50.00 | 211.32 | 0.00 | 468.96 | 0.00 | 0.00 | 292.13 | 0.00 | 608.24 | 0.00 | 0.00 | -457.22 |
| 256+00.00 | 25600.00 | 50.00 | 351.01 | 0.00 | 440.91 | 0.00 | 0.00 | 520.68 | 0.00 | 842.47 | 0.00 | 0.00 | -947.51 |
| 256+50.00 | 25650.00 | 50.00 | 160.91 | 0.00 | 29.28 | 0.00 | 0.00 | 474.00 | 0.00 | 435.36 | 0.00 | 0.00 | -995.94 |
| 257+00.00 | 25700.00 | 50.00 | 206.53 | 0.00 | 0 | 0.00 | 0.00 | 340.22 | 0.00 | 27.11 | 0.00 | 0.00 | -688.26 |
| 257+50.00 | 25750.00 | 50.00 | 134.52 | 0.00 | 0 | 0.00 | 0.00 | 315.79 | 0.00 | 0.00 | 0.00 | 0.00 | -372.47 |
| 258+00.00 | 25800.00 | 50.00 | 75.05 | 0.00 | 0 | 0.00 | 0.00 | 194.05 | 0.00 | 0.00 | 0.00 | 0.00 | -178.42 |
| 258+50.00 | 25850.00 | 50.00 | 48.75 | 0.00 | 0 | 0.00 | 0.00 | 114.63 | 0.00 | 0.00 | 0.00 | 0.00 | -63.79 |
| 259+00.00 | 25900.00 | 50.00 | 41.59 | 0.00 | 0 | 0.00 | 0.00 | 83.65 | 0.00 | 0.00 | 0.00 | 0.00 | 19.86 |
| 259+50.00 | 25950.00 | 50.00 | 27.36 | 0.00 | 0 | 0.00 | 0.00 | 63.84 | 0.00 | 0.00 | 0.00 | 0.00 | 83.70 |
| 260+00.00 | 26000.00 | 50.00 | 20.19 | 0.00 | 0 | 0.00 | 0.00 | 44.03 | 0.00 | 0.00 | 0.00 | 0.00 | 127.72 |
| 260+15.31 BK | 26015.31 | 15.31 | 19.01 | 0.00 | 0 | 0.00 | 0.00 | 11.11 | 0.00 | 0.00 | 0.00 | 0.00 | 138.84 |
| Column totals | | | 2683.59 | 0.00 | 2120.62 | 0.00 | 0.00 | 2683.59 | 0.00 | 2120.62 | 0.00 | 0.00 | |

Addendum No. 02
ID 1030-20-85
Added Sheet 891A
August 31, 2017

Notes:

- 1 - Cut
- 2 - Salvaged/Unusable Pavement Material
- 3 - Fill
- 4 - Expanded EBS
- 5 - Reduced EBS in Fill
- 6 - Mass Ordinate

Cut includes Salvaged/Unusable Pavement material
This does not show up in cross sections
Does not include Unusable Pavement Exc volume
Will be backfilled with Borrow
Reduced EBS Excavation that can be used in Fill
If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor]

Division 1 RAMP RYDTA

| STATION | Real Station | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate | Note 6 |
|----------------|--------------|----------|-----------|-------------------------------------|---------|-----------------------------------|--------|-------------------------------------|---------------------|--------|--------|---------------|----------|
| | | | Cut | Salvaged/Unusable Pavement Material | Fill | EBS | Cut | Salvaged/Unusable Pavement Material | Fill | EBS | Cut | | |
| | | | Note 1 | Note 2 | Note 3 | Note 1 | Note 2 | Note 3 | Note 4 | Note 5 | Note 6 | | |
| 254+00.00 AH | 25400.00 | 0.00 | 95.65 | 0.00 | 668.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 254+50.00 | 25450.00 | 50.00 | 0 | 0.00 | 349.85 | 0.00 | 0.00 | 942.47 | 0.00 | 0.00 | 0.00 | 0.00 | -1042.40 |
| 255+00.00 | 25500.00 | 50.00 | 0 | 0.00 | 214.25 | 0.00 | 0.00 | 522.31 | 0.00 | 0.00 | 0.00 | 0.00 | -1669.18 |
| 255+50.00 | 25550.00 | 50.00 | 137.22 | 0.00 | 128.7 | 0.00 | 0.00 | 317.55 | 0.00 | 0.00 | 0.00 | 0.00 | -1923.18 |
| 256+00.00 | 25600.00 | 50.00 | 97.02 | 0.00 | 94.71 | 0.00 | 0.00 | 206.86 | 0.00 | 0.00 | 0.00 | 0.00 | -1954.52 |
| 256+50.00 | 25650.00 | 50.00 | 52.97 | 0.00 | 65.12 | 0.00 | 0.00 | 147.99 | 0.00 | 0.00 | 0.00 | 0.00 | -1993.23 |
| 257+00.00 | 25700.00 | 50.00 | 0 | 0.00 | 54.51 | 0.00 | 0.00 | 110.77 | 0.00 | 0.00 | 0.00 | 0.00 | -2077.11 |
| 257+50.00 | 25750.00 | 50.00 | 10.27 | 0.00 | 31.59 | 0.00 | 0.00 | 79.72 | 0.00 | 0.00 | 0.00 | 0.00 | -2163.27 |
| 258+00.00 | 25800.00 | 50.00 | 9.06 | 0.00 | 8.85 | 0.00 | 0.00 | 37.44 | 0.00 | 0.00 | 0.00 | 0.00 | -2190.30 |
| 258+50.00 | 25850.00 | 50.00 | 13.62 | 0.00 | 0 | 0.00 | 0.00 | 8.19 | 0.00 | 0.00 | 0.00 | 0.00 | -2179.14 |
| 258+97.51 BK | 25897.51 | 47.51 | 14.93 | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2154.02 |
| Column totals: | | | 693.96 | 0.00 | 2373.31 | 0.00 | | | | | | | |

Addendum No. 02
 ID 1030-20-85
 Added Sheet 891B
 August 31, 2017

Notes:
 1 - Cut
 2 - Salvaged/Unusable Pavement Material
 3 - Fill
 4 - Expanded EBS
 5 - Reduced EBS in Fill
 6 - Mass Ordinate

Cut includes Salvaged/Unusable Pavement material
 This does not show up in cross sections
 Does not include Unusable Pavement Exc volume
 Will be backfilled with Borrow
 Reduced EBS Excavation that can be used in Fill
 If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor]

PROJECT NO: 1030-20-85

HWY: IH 94/RYAN ROAD

COUNTY: MILWAUKEE

EARTHWORK

SHEET: 891B

FILE NAME: S:\FinalDesign\MIL10302085_RYR\Road\cadd\050101_ew.dwg

PLOT DATE: 8/28/2017 11:27:21 AM

PLOT BY: MSCGEJ

PLOT NAME: 050101_ew6

PLOT SCALE: 1:1

Division 2 SE DETENTION POND

| STATION | Real Station | Distance | AREA (SF) | | | Incremental Vol (CY) (Unadjusted) | | | Cumulative Vol (CY) | | | Mass Ordinate | |
|-------------|--------------|----------|---------------|-------------------------------------|--------|-----------------------------------|--------|-------------------------------------|---------------------|--------|--------|---------------|---------------|
| | | | Cut | Salvaged/Unusable Pavement Material | Fill | EBS | Cut | Salvaged/Unusable Pavement Material | Fill | EBS | Cut | | Expanded Fill |
| | | | Note 1 | Note 2 | Note 3 | Note 4 | Note 5 | Note 6 | Note 7 | Note 8 | Note 9 | Note 10 | Note 11 |
| 51+50.00 AH | 5150.00 | 0.00 | 10.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52+00.00 | 5200.00 | 50.00 | 1.41 | 0.00 | 0.44 | 0.00 | 0.00 | 0.41 | 0.00 | 0.49 | 0.00 | 0.00 | 0.00 |
| 52+50.00 | 5250.00 | 50.00 | 0.45 | 0.00 | 4.39 | 0.00 | 0.00 | 4.47 | 0.00 | 5.86 | 0.00 | 0.00 | 0.00 |
| 53+00.00 | 5300.00 | 50.00 | 1.14 | 0.00 | 0.94 | 0.00 | 0.00 | 4.94 | 0.00 | 11.78 | 0.00 | 0.00 | 0.00 |
| 53+50.00 | 5350.00 | 50.00 | 3.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.87 | 0.00 | 12.82 | 0.00 | 0.00 | 0.00 |
| 54+00.00 | 5400.00 | 50.00 | 3.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 12.82 | 0.00 | 0.00 | 0.00 |
| 54+50.00 | 5450.00 | 50.00 | 9.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 36.67 | 0.00 | 0.00 | 0.00 |
| 55+00.00 | 5500.00 | 50.00 | 10.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 55.22 | 0.00 | 0.00 | 0.00 |
| 55+50.00 BK | 5550.00 | 50.00 | 12.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 77.02 | 0.00 | 0.00 | 0.00 |
| | | | Column totals | | | 77.02 | 0.00 | 10.69 | 0.00 | | | | |

Addendum No. 02
 ID 1030-20-85
 Revised Sheet 905
 August 31, 2017

Notes:
 1 - Cut
 2 - Salvaged/Unusable Pavement Material
 3 - Fill
 4 - Expanded EBS
 5 - Reduced EBS in Fill
 6 - Mass Ordinate

Cut includes Salvaged/Unusable Pavement material
 This does not show up in cross sections
 Does not include Unusable Pavement Exc volume
 Will be backfilled with Borrow
 Reduced EBS Excavation that can be used in Fill
 If EBS to be backfilled with Cut or Borrow: [(Cut + EBS) - ((Fill) - (Reduced EBS in Fill)) * Fill Factor]



Proposal Schedule of Items

Proposal ID: 20170912011 Project(s): 1030-20-85, 1030-26-72

Federal ID(s): N/A, WISC 2017485

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0032 | 204.0195 Removing Concrete Bases | 47.000 EACH | _____. | _____. |
| 0034 | 204.0210 Removing Manholes | 15.000 EACH | _____. | _____. |
| 0036 | 204.0220 Removing Inlets | 61.000 EACH | _____. | _____. |
| 0038 | 204.0245 Removing Storm Sewer (size) 0001. 12-Inch | 3,220.000 LF | _____. | _____. |
| 0040 | 204.0245 Removing Storm Sewer (size) 0002. 15-Inch | 1,164.000 LF | _____. | _____. |
| 0042 | 204.0245 Removing Storm Sewer (size) 0003. 18-Inch | 574.000 LF | _____. | _____. |
| 0044 | 204.0245 Removing Storm Sewer (size) 0005. 30-Inch | 639.000 LF | _____. | _____. |
| 0046 | 204.0245 Removing Storm Sewer (size) 0006. 48-Inch | 516.000 LF | _____. | _____. |
| 0048 | 204.0280 Sealing Pipes | 2.000 EACH | _____. | _____. |
| 0050 | 205.0100 Excavation Common | 141,334.000 CY | _____. | _____. |
| 0052 | 206.1000 Excavation for Structures Bridges (structure) 0001. B-40-809 | LS | LUMP SUM | _____. |
| 0054 | 206.2000 Excavation for Structures Culverts (structure) 0001. C-40-31 | LS | LUMP SUM | _____. |
| 0056 | 206.2000 Excavation for Structures Culverts (structure) 0002. C-40-32 | LS | LUMP SUM | _____. |
| 0058 | 206.2000 Excavation for Structures Culverts (structure) 0003. C-40-33 | LS | LUMP SUM | _____. |



Proposal Schedule of Items

Proposal ID: 20170912011 Project(s): 1030-20-85, 1030-26-72

Federal ID(s): N/A, WISC 2017485

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|--|--------------------------------|------------|------------|
| 0212 | 602.0505 Curb Ramp Detectable Warning Field Yellow | 404.000 SF | _____. | _____. |
| 0214 | 603.2132 Concrete Barrier Fixed Object Protection Type S32 | 48.000 LF | _____. | _____. |
| 0216 | 603.8000 Concrete Barrier Temporary Precast Delivered | 22,451.000 LF | _____. | _____. |
| 0218 | 603.8125 Concrete Barrier Temporary Precast Installed | 24,164.000 LF | _____. | _____. |
| 0220 | 604.0400 Slope Paving Concrete | 54.000 SY | _____. | _____. |
| 0222 | 606.0100 Riprap Light | 193.000 CY | _____. | _____. |
| 0224 | 606.0200 Riprap Medium | 462.000 CY | _____. | _____. |
| 0226 | 606.0300 Riprap Heavy | 93.000 CY | _____. | _____. |
| 0228 | 608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch | 134.000 LF | _____. | _____. |
| 0230 | 608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch | 1,756.000 LF | _____. | _____. |
| 0232 | 608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch | 777.000 LF | _____. | _____. |
| 0234 | 608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch | 142.000 LF | _____. | _____. |
| 0236 | 608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch | 280.000 LF | _____. | _____. |
| 0238 | 608.0348 Storm Sewer Pipe Reinforced Concrete Class III 48-Inch | 404.000 LF | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20170912011 Project(s): 1030-20-85, 1030-26-72

Federal ID(s): N/A, WISC 2017485

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0918 | SPV.0060 Special 8061. Remove and Cap Existing Drainage Storm Sewer Structure | 2.000 EACH | _____. | _____. |
| 0920 | SPV.0075 Special 0001. PAVEMENT CLEANUP PROJECT 1030-20-85 | 272.000 HRS | _____. | _____. |
| 0922 | SPV.0085 Special 0001. Seed Mix Special | 10.750 LB | _____. | _____. |
| 0924 | SPV.0090 Special 0001. CONCRETE CURB AND GUTTER 4-INCH SLOPED 12 Inch Depth 60-INCH TYPE A | 2,603.000 LF | _____. | _____. |
| 0926 | SPV.0090 Special 0002. Heavy Duty Silt Fence | 5,064.000 LF | _____. | _____. |
| 0928 | SPV.0090 Special 0003. Coconut Fiber Rolls Delivered | 200.000 LF | _____. | _____. |
| 0930 | SPV.0090 Special 0004. Coconut Fiber Rolls Installed | 200.000 LF | _____. | _____. |
| 0932 | SPV.0090 Special 0006. MAINTAIN CONCRETE BARRIER TEMPORARY PRECAST LEFT IN PLACE | 2,491.000 LF | _____. | _____. |
| 0934 | SPV.0090 Special 0007. Removing Sanitary Sewer Pipe 15-Inch | 32.000 LF | _____. | _____. |
| 0936 | SPV.0090 Special 0008. Sanitary Sewer 15-Inch SDR 35 Class "C" Bedding | 4.000 LF | _____. | _____. |
| 0940 | SPV.0090 Special 1000. Cable in Duct, 3-6 AWG 1-8 AWG | 1,600.000 LF | _____. | _____. |
| 0942 | SPV.0090 Special 1001. Cable in Duct 3-4, AWG 1-8 AWG | 1,020.000 LF | _____. | _____. |
| 0944 | SPV.0090 Special 1002. Temporary Cable in Duct, 2-4 AWG 1-8 AWG | 415.000 LF | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20170912011 Project(s): 1030-20-85, 1030-26-72

Federal ID(s): N/A, WISC 2017485

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0946 | SPV.0090 Special 1003. Temporary Overhead Cable Triplex 4 AWG | 5,840.000 LF | _____. | _____. |
| 0948 | SPV.0090 Special 1004. Removing Overhead Lighting Cable | 225.000 LF | _____. | _____. |
| 0950 | SPV.0090 Special 4300. FENCE DECORATIVE BRIDGE | 350.000 LF | _____. | _____. |
| 0952 | SPV.0090 Special 4310. FENCE DECORATIVE WING | 197.000 LF | _____. | _____. |
| 0954 | SPV.0090 Special 4320. PILING SLEEVES | 1,068.000 LF | _____. | _____. |
| 0956 | SPV.0105 Special 0001. SURVEY PROJECT ID 1030-20-85 | LS | LUMP SUM | _____. |
| 0958 | SPV.0105 Special 0002. Rootstock Protection Project 1030-26-72 | LS | LUMP SUM | _____. |
| 0960 | SPV.0105 Special 0003. Concrete Pavement Joint Layout | LS | LUMP SUM | _____. |
| 0962 | SPV.0105 Special 0004. Rootstock Protection Project 1030-20-85 | LS | LUMP SUM | _____. |
| 0964 | SPV.0105 Special 0005. Survey Project ID 1030-26-72 | LS | LUMP SUM | _____. |
| 0966 | SPV.0105 Special 1000. Lighting System Integrator | LS | LUMP SUM | _____. |
| 0968 | SPV.0105 Special 1002. Maintenance of Lighting Systems | LS | LUMP SUM | _____. |
| 0970 | SPV.0105 Special 3001. Remove Traffic Signals IH 94 EB Ramps & STH 100 | LS | LUMP SUM | _____. |



Proposal Schedule of Items

Proposal ID: 20170912011 Project(s): 1030-20-85, 1030-26-72

Federal ID(s): N/A, WISC 2017485

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0972 | SPV.0105 Special 3002. Remove Traffic Signals IH 94 WB Ramps & STH 100 | LS | LUMP SUM | _____. |
| 0974 | SPV.0105 Special 3003. Remove Loop Detector Wire and Lead-in Cable IH 94 EB Ramps & STH 100 | LS | LUMP SUM | _____. |
| 0976 | SPV.0105 Special 3004. Remove Loop Detector Wire and Lead-in Cable IH 94 WB Ramps & STH 100 | LS | LUMP SUM | _____. |
| 0978 | SPV.0105 Special 3005. Remove Loop Detector Wire and Lead-in Cable STH 100 & S. 13th Street | LS | LUMP SUM | _____. |
| 0980 | SPV.0105 Special 3006. Trnsport & Install State Furn Traffic Signal Cabinet STH 100 & S. 20th St. | LS | LUMP SUM | _____. |
| 0982 | SPV.0105 Special 3007. Trnsport & Install St Furn Traffic Signal Cabinet IH 94 Ramps & STH 100 CB1 | LS | LUMP SUM | _____. |
| 0984 | SPV.0105 Special 3008. Trnsport & Install St Furn Traffic Signal Cabinet IH 94 Ramps & STH 100 CB2 | LS | LUMP SUM | _____. |
| 0986 | SPV.0105 Special 3009. Trnsport Traffic Signal & Intersection Lighting MatrIs STH 100 & S 20th St | LS | LUMP SUM | _____. |
| 0988 | SPV.0105 Special 3010. Transporting Signal and Lighting Materials IH 94 Ramps & STH 100 | LS | LUMP SUM | _____. |
| 0990 | SPV.0105 Special 3011. Transport & Install State Furn Radar Detection System STH 100 & S. 20th St | LS | LUMP SUM | _____. |
| 0992 | SPV.0105 Special 3012. Tnspt & Instl St Furn Em Vhcle Prempion EVP Detctr Head STH 100 & S 20th | LS | LUMP SUM | _____. |



Proposal Schedule of Items

Proposal ID: 20170912011 Project(s): 1030-20-85, 1030-26-72

Federal ID(s): N/A, WISC 2017485

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 0994 | SPV.0105 Special 3013. Tnspt & Instl St Furn Em Vhcl Prempt EVP Detctr Head IH 94 Rmp & STH 100 | LS | LUMP SUM | _____. |
| 0996 | SPV.0105 Special 3014. Temporary EVP System STH 100 & S. 22nd Street | LS | LUMP SUM | _____. |
| 0998 | SPV.0105 Special 3015. Temporary EVP System IH 94 EB Ramps & STH 100 Existing | LS | LUMP SUM | _____. |
| 1000 | SPV.0105 Special 3016. Temporary EVP System IH 94 WB Ramps & STH 100 Existing | LS | LUMP SUM | _____. |
| 1002 | SPV.0105 Special 3017. Temporary EVP System IH 94 EB Ramps & STH 100 Proposed | LS | LUMP SUM | _____. |
| 1004 | SPV.0105 Special 3018. Temporary EVP System IH 94 WB Ramps & STH 100 Proposed | LS | LUMP SUM | _____. |
| 1006 | SPV.0105 Special 3019. Temporary EVP System STH 100 & S. 13th Street | LS | LUMP SUM | _____. |
| 1008 | SPV.0105 Special 3020. Temporary Vehicle Detection System for Intersections STH 100 & S. 22nd St | LS | LUMP SUM | _____. |
| 1010 | SPV.0105 Special 3021. Temp Vhcle Detect Systm for Intrsect IH 94 EB Rmps & STH 100 Exist | LS | LUMP SUM | _____. |
| 1012 | SPV.0105 Special 3022. Temp Vhcle Detect Systm for Intrsect IH 94 WB Rmps & STH 100 Exist | LS | LUMP SUM | _____. |
| 1014 | SPV.0105 Special 3023. Temp Vhcle Detect Systm for Intrsect IH 94 EB Rmps & STH 100 Proposed | LS | LUMP SUM | _____. |
| 1016 | SPV.0105 Special 3024. Temp Vhcle Detect Systm for Intrsect IH 94 WB Rmps & STH 100 Proposed | LS | LUMP SUM | _____. |



Proposal Schedule of Items

Proposal ID: 20170912011 Project(s): 1030-20-85, 1030-26-72

Federal ID(s): N/A, WISC 2017485

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|------------|------------|
| 1018 | SPV.0105 Special 3025. Temporary Vehicle Detection System for Intersections STH 100 & S. 13th St | LS | LUMP SUM | _____. |
| 1020 | SPV.0105 Special 3026. Install Fiber Optic Communications in Cabinet STH 100 & STH 241 | LS | LUMP SUM | _____. |
| 1022 | SPV.0105 Special 3027. Install Fiber Optic Communications in Cabinet STH 100 & S. 22nd Street | LS | LUMP SUM | _____. |
| 1024 | SPV.0105 Special 3028. Install Fiber Optic Communications in Cabinet STH 100 & S. 20th Street | LS | LUMP SUM | _____. |
| 1026 | SPV.0105 Special 3029. Install Fiber Optic Communications in Cabinet IH 94 Ramps & STH 100 | LS | LUMP SUM | _____. |
| 1028 | SPV.0105 Special 3030. Install Fiber Optic Communications in Cabinet STH 100 & S. 13th Street | LS | LUMP SUM | _____. |
| 1030 | SPV.0165 Special 4010. LONGITUDINAL GROOVING BRIDGE DECK | 27,154.000 SF | _____. | _____. |
| 1032 | SPV.0165 Special 4610. WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH LFRD / QMP | 9,920.000 SF | _____. | _____. |
| 1034 | SPV.0165 Special 4620. TEMPORARY WALL WIRE FACED MECHANICALLY STABILIZED EARTH LRFD / QMP | 870.000 SF | _____. | _____. |
| 1036 | SPV.0180 Special 0001. Geogrid Reinforcement | 489.000 SY | _____. | _____. |
| 1038 | SPV.0180 Special 0002. Seeding Special | 60.000 SY | _____. | _____. |
| 1040 | SPV.0180 Special 0003. Seed Bed Preparation | 60.000 SY | _____. | _____. |



Proposal Schedule of Items

Proposal ID: 20170912011 Project(s): 1030-20-85, 1030-26-72

Federal ID(s): N/A, WISC 2017485

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

| Proposal Line Number | Item ID Description | Approximate Quantity and Units | Unit Price | Bid Amount |
|----------------------|---|--------------------------------|-------------------|------------|
| 1042 | SPV.0195 Special 0001. Coarse Aggregate Mix For Streambed | 74.000 TON | _____. | _____. |
| 1044 | SPV.0195 Special 4000. Excavation, Hauling, and Disposal of Creosote Contaminated Soil | 3,790.000 TON | _____. | _____. |
| | Section: 0001 | | Total: | _____. |
| | | | Total Bid: | _____. |