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January 8, 2019

**NOTICE OF ADDENDUM**  
**ADDENDUM NO. 3**  
**CONTRACT NO. 8292**  
**HAMMERSLEY AVENUE ASSESSMENT DISTRICT – 2018**

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

**PROPOSAL:**

See below for a summary of items that have been removed, added or revised. Refer to the proposal for updated quantities. See proposal on bidexpress.com.

**ITEMS:**

| Action | Bid Item | Description                         |
|--------|----------|-------------------------------------|
| ADD    | 20335    | ABANDON SEWER PIPE WITH SLURRY      |
| REVISE | 50405    | 24 INCH TYPE I RCP STORM SEWER PIPE |
| REVISE | 50409    | 36 INCH TYPE I RCP STORM SEWER PIPE |

**PLANS:**

U-8: Revised storm sewer pipe length along Alden Dr

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at:  
<http://www.bidexpress.com>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert Phillips". The signature is written in a cursive style with large, rounded letters.

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Robert F. Phillips, P.E.  
City Engineer

RFP:AJZ

# STORM SEWER SCHEDULE

\*REVISED 1/8/2019 KDF

|   |                  |
|---|------------------|
| HAMMERSLEY AVE. RECON 2019<br>PROJECT NO. 11753 | SHEET NO.<br>U-8 |
| STORM SEWER SCHEDULE                            |                  |
| CITY OF MADISON                                 |                  |

## PROPOSED STORM STRUCTURES

| STRUC. NO.              | STATION   | LOCATION (OFFSET) | TYPE              | TOP OF CASTING | E.I.    | DEPTH | NOTES                             |
|-------------------------|-----------|-------------------|-------------------|----------------|---------|-------|-----------------------------------|
| <b>STORM EASEMENT</b>   |           |                   |                   |                |         |       |                                   |
| S-1                     | 10+31.50  | CL                | COLLAR            | -              | 1001.24 | -     | [1]                               |
| <b>HAMMERSLEY AVE</b>   |           |                   |                   |                |         |       |                                   |
| S-2                     | 204+02.61 | RT-22.36          | 6X6 SAS           | 1007.93        | 1001.73 | 6.20  | FP, W/R-1550-0054                 |
| S-3                     | 203+65.31 | LT-6.05           | 6X6 SAS           | 1007.34        | 1001.87 | 5.47  | FP, W/R-1550-0054                 |
| S-4                     | 202+52.74 | LT-15.79          | TERRACE INLET I   | 1006.36        | 1002.24 | 4.12  | [3], FP, LP, UD                   |
| S-4A                    | 202+54.62 | RT-14.58          | TERRACE INLET III | 1006.00        | 1003.01 | 3.00  | [3], FP, LP, UD                   |
| S-20                    | 204+34.08 | RT-13.00          | 5X5 SAS           | 1007.82        | 1002.38 | 5.44  | [6], FP, LP, UD, W/R-3067-7004-VB |
| S-20A                   | 204+34.00 | LT-11.49          | H INLET           | 1007.82        | 1004.99 | 2.83  | FP, LP, UD, W/R-3067-7004-VB      |
| S-21                    | 204+83.36 | RT-15.77          | TERRACE INLET I   | 1008.12        | 1002.76 | 5.36  | [3], FP, LP, UD                   |
| S-21A                   | 204+85.00 | LT-15.30          | TERRACE INLET II  | 1008.12        | 1004.40 | 3.72  | [3], FP, LP, UD                   |
| S-22                    | 205+13.30 | LT-6.00           | 5X5 SAS           | 1008.69        | 1003.75 | 4.94  | FP, W/R-1550-0054                 |
| S-23                    | 206+08.02 | LT-6.00           | 4X4 SAS           | 1010.53        | 1005.28 | 5.25  | FP, W/R-1550-0054                 |
| S-23A                   | 206+08.04 | LT-11.50          | H INLET           | 1010.83        | 1007.33 | 3.50  | W/R-3067-7004-V                   |
| S-23B                   | 206+07.64 | RT-11.50          | H INLET           | 1010.82        | 1007.43 | 3.39  | W/R-3067-7004-V                   |
| S-24                    | 206+87.88 | LT-6.00           | 4X4 SAS           | 1011.65        | 1006.39 | 5.26  | FP, W/R-1550-0054                 |
| S-24A                   | 206+88.01 | LT-11.50          | H INLET           | 1011.96        | 1008.44 | 3.52  | W/R-3067-7004-V                   |
| S-24B                   | 206+87.49 | RT-11.50          | H INLET           | 1011.95        | 1008.54 | 3.41  | W/R-3067-7004-V                   |
| S-25                    | 207+96.63 | LT-11.04          | 5X5 SAS           | 1014.23        | 1008.20 | 6.03  | W/R-3067-7004-V                   |
| S-28                    | 208+64.85 | LT-11.50          | 3X3 SAS           | 1015.94        | 1011.53 | 4.41  | W/R-3067-7004-V                   |
| S-28A                   | 208+64.84 | RT-11.50          | H INLET           | 1015.94        | 1012.13 | 3.81  | W/R-3067-7004-V                   |
| S-29                    | 209+27.17 | LT-11.50          | H INLET           | 1018.14        | 1013.55 | 4.59  | W/R-3067-7004-V                   |
| S-30                    | 209+42.46 | RT-11.50          | H INLET           | 1019.03        | 1014.30 | 4.73  | FP, W/R-3067-7004-V               |
| <b>STANDISH CT</b>      |           |                   |                   |                |         |       |                                   |
| S-5                     | 300+64.46 | RT-15.28          | TERRACE INLET II  | 1005.92        | 1002.37 | 3.55  | [3], FP, LP, UD                   |
| S-5A                    | 300+64.46 | LT-15.28          | TERRACE INLET II  | 1005.92        | 1002.51 | 3.41  | [3], FP, LP, UD                   |
| S-6                     | 301+03.55 | RT-6.80           | BEND              | -              | 1002.56 | -     | [4]                               |
| S-7                     | 301+63.84 | RT-7.00           | PLUG              | -              | 1002.86 | -     | [2]                               |
| <b>ALDEN DR</b>         |           |                   |                   |                |         |       |                                   |
| S-26                    | 400+55.60 | LT-15.28          | TERRACE INLET II  | 1014.14        | 1008.89 | 5.25  | [3], FP, LP, UD                   |
| S-26A                   | 400+80.83 | LT-6.00           | 4X4 SAS           | 1014.27        | 1010.06 | 4.21  | [3], LP, UD, W/R-1550-0054        |
| S-26B                   | 401+20.00 | LT-6.00           | PLUG              | -              | 1010.25 | -     | [2]                               |
| S-27                    | 400+55.60 | RT-15.28          | TERRACE INLET II  | 1014.14        | 1010.09 | 4.05  | [3], LP, UD                       |
| <b>MINERAL POINT RD</b> |           |                   |                   |                |         |       |                                   |
| S-100                   | 303+24.50 | LT-35.00          | TAP               | -              | 997.07  | -     | [5]                               |
| S-101                   | 303+42.10 | LT-17.24          | 6X6 SAS           | 1013.50        | 997.16  | 16.34 | W/R-1550-0054                     |
| S-102                   | 305+03.64 | LT-15.45          | 6X6 SAS           | 1013.07        | 997.94  | 15.13 | W/R-1550-0054                     |
| S-102A                  | 305+05.00 | LT-22.43          | H INLET           | 1012.68        | 1008.83 | 3.85  | LP, UD W/R-3067-7004-VB           |
| S-102B                  | 304+99.67 | LT-22.43          | H INLET           | 1012.73        | 1008.86 | 3.87  | UD, W/R-3067-7004-V               |
| S-103                   | 306+15.85 | LT-14.21          | 6X6 SAS           | 1013.91        | 998.42  | 15.49 | W/R-1550-0054                     |
| S-104                   | 306+25.40 | LT-37.35          | COLLAR            | -              | 998.54  | -     | [1]                               |

## PROPOSED STORM PIPES

| PIPE NO.                | FROM (DNSTM) | TO (UPSTM) | DISCH. E.I. | INLET E.I. | PLAN (PAY) LGTH (FT) | PIPE LGTH (FT) | SLOPE (%) | PIPE SIZE | TYPE   | NOTES |
|-------------------------|--------------|------------|-------------|------------|----------------------|----------------|-----------|-----------|--------|-------|
| <b>STORM EASEMENT</b>   |              |            |             |            |                      |                |           |           |        |       |
| P-1                     | S-1          | S-2        | 1001.24     | 1001.73    | 146                  | 140            | 0.35%     | 54"       | TYPE I | -     |
| <b>HAMMERSLEY AVE</b>   |              |            |             |            |                      |                |           |           |        |       |
| P-2                     | S-2          | S-3        | 1001.73     | 1001.87    | 47.5                 | 39.8           | 0.35%     | 34"X53"   | HERCP  | -     |
| P-3                     | S-3          | S-4        | 1001.87     | 1002.24    | 113                  | 108.3          | 0.35%     | 34"X53"   | HERCP  | -     |
| P-4                     | S-4          | S-5        | 1002.24     | 1002.37    | 28.5                 | 24.5           | 0.50%     | 29"X45"   | HERCP  | -     |
| P-4A                    | S-4          | S-4A       | 1002.80     | 1003.01    | 30.5                 | 27.4           | 0.75%     | 18"       | TYPE I | -     |
| P-20                    | S-2          | S-20       | 1002.23     | 1002.38    | 35                   | 29.3           | 0.50%     | 42"       | TYPE I | -     |
| P-20A                   | S-20         | S-20A      | 1004.88     | 1004.99    | 25.5                 | 21.8           | 0.50%     | 12"       | TYPE I | -     |
| P-21                    | S-20         | S-21       | 1002.38     | 1002.76    | 51.5                 | 47.5           | 0.80%     | 42"       | TYPE I | -     |
| P-21A                   | S-21         | S-21A      | 1004.26     | 1004.40    | 31                   | 27.4           | 0.50%     | 24"       | TYPE I | -     |
| P-22                    | S-21         | S-22       | 1003.26     | 1003.75    | 37.5                 | 32.4           | 1.50%     | 36"       | TYPE I | -     |
| P-23                    | S-22         | S-23       | 1003.75     | 1005.28    | 92.5                 | 87.9           | 1.75%     | 36"       | TYPE I | -     |
| P-23A                   | S-23         | S-23A      | 1007.28     | 1007.33    | 5.5                  | 2.5            | 2.00%     | 12"       | TYPE I | -     |
| P-23B                   | S-23         | S-23B      | 1007.28     | 1007.43    | 17.5                 | 14.5           | 1.00%     | 12"       | TYPE I | -     |
| P-24                    | S-23         | S-24       | 1005.28     | 1006.39    | 78                   | 74             | 1.50%     | 36"       | TYPE I | -     |
| P-24A                   | S-24         | S-24A      | 1008.39     | 1008.44    | 5.5                  | 2.5            | 2.00%     | 12"       | TYPE I | -     |
| P-24B                   | S-24         | S-24B      | 1008.39     | 1008.54    | 17.5                 | 14.5           | 1.00%     | 12"       | TYPE I | -     |
| P-25                    | S-24         | S-25       | 1006.39     | 1008.20    | 108.5                | 103.7          | 1.75%     | 36"       | TYPE I | -     |
| P-28                    | S-27         | S-28       | 1010.59     | 1011.53    | 36                   | 31.4           | 3.00%     | 18"       | TYPE I | -     |
| P-28A                   | S-28         | S-28A      | 1012.03     | 1012.13    | 23                   | 20.5           | 0.50%     | 12"       | TYPE I | -     |
| P-29                    | S-27         | S-29       | 1011.53     | 1013.55    | 64.5                 | 61.2           | 3.30%     | 18"       | TYPE I | -     |
| P-30                    | S-29         | S-30       | 1013.55     | 1014.30    | 27.5                 | 25.2           | 3.00%     | 18"       | TYPE I | -     |
| <b>STANDISH CT</b>      |              |            |             |            |                      |                |           |           |        |       |
| P-5                     | S-5          | S-6        | 1002.37     | 1002.56    | 40                   | 37.8           | 0.50%     | 24"       | TYPE I | -     |
| P-5A                    | S-5          | S-5A       | 1002.37     | 1002.51    | 30.5                 | 27.3           | 0.50%     | 24"       | TYPE I | -     |
| P-6                     | S-6          | S-7        | 1002.56     | 1002.86    | 60                   | 60             | 0.50%     | 24"       | TYPE I | -     |
| <b>ALDEN DR</b>         |              |            |             |            |                      |                |           |           |        |       |
| * P-26                  | S-25         | S-26       | 1008.20     | 1008.89    | 33.5                 | 27.6           | 2.50%     | 36"       | TYPE I | -     |
| * P-26A                 | S-26         | S-26A      | 1009.89     | 1010.06    | 27                   | 22.5           | 0.75%     | 24"       | TYPE I | -     |
| * P-26B                 | S-26A        | S-26B      | 1010.06     | 1010.25    | 39                   | 37.2           | 0.50%     | 24"       | TYPE I | -     |
| * P-27                  | S-26         | S-27       | 1009.89     | 1010.09    | 30.5                 | 27.3           | 0.75%     | 24"       | TYPE I | -     |
| <b>MINERAL POINT RD</b> |              |            |             |            |                      |                |           |           |        |       |
| P-100                   | S-100        | S-101      | 997.07      | 997.16     | 25                   | 16.6           | 0.55%     | 54"       | TYPE I | -     |
| P-101                   | S-101        | S-102      | 997.16      | 997.94     | 161.5                | 155.6          | 0.50%     | 54"       | TYPE I | -     |
| P-102                   | S-102        | S-103      | 997.94      | 998.42     | 112.5                | 106.2          | 0.45%     | 54"       | TYPE I | -     |
| P-102A                  | S-102        | S-102A     | 1008.76     | 1008.83    | 7.5                  | 3.1            | 2.25%     | 12"       | TYPE I | -     |
| P-102B                  | S-102A       | S-102B     | 1008.83     | 1008.86    | 6                    | 3              | 1.00%     | 12"       | TYPE I | -     |
| P-103                   | S-103        | S-104      | 998.42      | 998.54     | 25                   | 21.8           | 0.55%     | 54"       | TYPE I | -     |

**NOTE:** PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE V PIPE LENGTH.

## SPECIFIC NOTES

- [1] CONNECT TO EXISTING STUB WITH CONCRETE COLLAR; ELECTRONIC MARKER BALL REQUIRED
- [2] PLUG PAID FOR UNDER BID ITEM 20336
- [3] TOP OF CASTING ELEVATION IS 0.2' BELOW TOP OF CURB ELEVATION PER S.D.D. 5.7.12A
- [4] CONCRETE BEND PAID FOR UNDER BID ITEM 90030; ELECTRONIC MARKER BALL REQUIRED
- [5] CUTOUT ALREADY PROVIDED IN EXISTING STRUCTURE. TAP INCLUDES ONLY CONCRETE COLLAR OF PIPE, NO CORING
- [6] CASTING TO BE OFFSET FROM CENTER OF STRUCTURE

## STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.