CITY OF ANN ARBOR
PROJECT MANAGEMENT

WEST MADISON STREET IMPROVEMENTS

BID No. ITB 4288, FILE No. 2012027

APRIL 2013

NOTES:

The information contained in this plan shall conform to the thoroughness of the plans, specifications, and bid documents. The City of Ann Arbor shall not be responsible for the accuracy of the information contained herein.

The City of Ann Arbor reserves the right to make changes in design, specifications, and construction and to waive any minor irregularities that may be discovered by construction without changing the contract price.

The City of Ann Arbor reserves the right to withhold payment in the event of incomplete plans or specifications.

The City of Ann Arbor may change the plans or specifications at any time during the construction period.

The City of Ann Arbor reserves the right to accept bids for work that is not specifically described in the contract documents.

The City of Ann Arbor reserves the right to reject any or all bids for reasons of economy, safety, or workability.

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WEST MADISON BENCH MARKS

<table>
<thead>
<tr>
<th>#</th>
<th>BM</th>
<th>ELEV</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>818.72</td>
<td>Nail in S. side power pole on the NW corner of Madison and Main</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>819.39</td>
<td>Nail in N. side power pole on the SE corner of Madison and Ashley</td>
<td></td>
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<tr>
<td>3</td>
<td>820.62</td>
<td>Nail in N. side power pole on the S side of Madison at House # 213</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>823.99</td>
<td>Nail in N. side power pole on the S side of Madison at House # 602 First</td>
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<tr>
<td>5</td>
<td>834.55</td>
<td>Nail in N. side power pole on the SW corner of Madison and Second</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>839.06</td>
<td>RR spike in S. side power pole on the N. side of Madison at House # 414</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>846.41</td>
<td>RR spike in S. side power pole on the NW corner of Madison and Third</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>859.20</td>
<td>RR spike in S. side power pole on the NW corner of Madison and Fourth</td>
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<tr>
<td>9</td>
<td>863.57</td>
<td>RR spike in S. side power pole on the N. side of Madison opposite Turner Park Ct.</td>
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<tr>
<td>10</td>
<td>871.84</td>
<td>RR spike in S. side power pole on the N. side of Madison, 1st pole W. of Fifth</td>
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<td>11</td>
<td>872.05</td>
<td>Large PK nail in S. side power pole on the NE corner of Madison and Sixth</td>
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<tr>
<td>12</td>
<td>874.60</td>
<td>Nail in N. side guy pole on the S side of Madison at House # 809</td>
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<tr>
<td>13</td>
<td>875.65</td>
<td>RR spike in S. side power pole on the NE corner of Madison and Seventh</td>
<td></td>
</tr>
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</table>

SOIL EROSION CONTROL NOTES:

1. The Contractor shall prepare and maintain a construction site plan in accordance with this section and the soil erosion control plan referenced herein. (Page 7)
2. The Contractor shall implement measures to minimize soil erosion and sediment movement. (Page 7)
3. The Contractor shall implement measures to minimize non-structural damage to the soil. (Page 7)
4. The Contractor shall implement measures to minimize the impact of construction activities on the soil. (Page 7)
5. The Contractor shall implement measures to minimize the impact of construction activities on the surface water. (Page 7)
6. The Contractor shall implement measures to minimize the impact of construction activities on the groundwater. (Page 7)
7. The Contractor shall implement measures to minimize the impact of construction activities on the air. (Page 7)
8. The Contractor shall implement measures to minimize the impact of construction activities on the flora and fauna. (Page 7)
9. The Contractor shall implement measures to minimize the impact of construction activities on the public health and safety. (Page 7)
10. The Contractor shall implement measures to minimize the impact of construction activities on the aesthetics. (Page 7)
11. The Contractor shall implement measures to minimize the impact of construction activities on the economy. (Page 7)
12. The Contractor shall implement measures to minimize the impact of construction activities on the environment. (Page 7)
13. The Contractor shall implement measures to minimize the impact of construction activities on the public welfare. (Page 7)
14. The Contractor shall implement measures to minimize the impact of construction activities on the public convenience. (Page 7)
15. The Contractor shall implement measures to minimize the impact of construction activities on the public safety. (Page 7)
16. The Contractor shall implement measures to minimize the impact of construction activities on the public order. (Page 7)
17. The Contractor shall implement measures to minimize the impact of construction activities on the public health. (Page 7)
18. The Contractor shall implement measures to minimize the impact of construction activities on the public education. (Page 7)
19. The Contractor shall implement measures to minimize the impact of construction activities on the public recreation. (Page 7)
20. The Contractor shall implement measures to minimize the impact of construction activities on the public transportation. (Page 7)
21. The Contractor shall implement measures to minimize the impact of construction activities on the public communication. (Page 7)
22. The Contractor shall implement measures to minimize the impact of construction activities on the public utilities. (Page 7)
23. The Contractor shall implement measures to minimize the impact of construction activities on the public services. (Page 7)
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29. The Contractor shall implement measures to minimize the impact of construction activities on the public utilities. (Page 7)
30. The Contractor shall implement measures to minimize the impact of construction activities on the public services. (Page 7)

Contact Information:

Public Utilities:
- CITY OF ANN ARBOR
- WATER MAIN CONSTRUCTION
- DEPARTMENT OF ENVIRONMENTAL QUALITY

Private Utilities:
- CITY OF ANN ARBOR
- WATER MAIN CONSTRUCTION

Contact Information:

<table>
<thead>
<tr>
<th>Name</th>
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<th>Contact</th>
</tr>
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<tbody>
<tr>
<td>Joe Smith</td>
<td>City of Ann Arbor Water Main Construction</td>
<td>734-230-1500</td>
</tr>
<tr>
<td>Jane Doe</td>
<td>City of Ann Arbor Water Main Construction</td>
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Construction Notes:

1. The Contractor shall prepare the construction sequence plan in accordance with the specifications and the drawing sequence plan referenced herein. (Page 7)
2. The Contractor shall implement measures to minimize the impact of construction activities on the soil. (Page 7)
3. The Contractor shall implement measures to minimize the impact of construction activities on the surface water. (Page 7)
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Permits Required to be Obtained by the Contractor Prior to the Beginning of Construction:

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<tr>
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Rain Garden Planting Plan

Rain Garden Materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Common Name</th>
<th>Order Code</th>
<th>Color</th>
<th>Count</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Carex vulpinoidea</td>
<td>CV</td>
<td>Fox Sedge</td>
<td>35 (plug)</td>
<td>Condition: Plug, Size: Plug</td>
</tr>
<tr>
<td>2.</td>
<td>Carex vulpinoidea</td>
<td>CV</td>
<td>Fox Sedge</td>
<td>35 (plug)</td>
<td>Remarks / Acceptable Substitutions: Plug</td>
</tr>
<tr>
<td>3.</td>
<td>Quercus bicolor</td>
<td>QB</td>
<td>Swamp White Oak</td>
<td>15 (1.5-2&quot; cal.)</td>
<td>Condition: B&amp;B, Size: 1.5-2&quot; cal.</td>
</tr>
<tr>
<td>5.</td>
<td>Acer rubrum</td>
<td>AR</td>
<td>Red Maple</td>
<td>6' branch height</td>
<td>Condition: B&amp;B, Size: 6' branch height</td>
</tr>
</tbody>
</table>
BM 13       Elev. 875.65
RR SPIKE IN S. SIDE POWER POLE
ON THE NE CORNER OF MADISON
AND SEVENTH

BM 12  Elev. 874.60
NAIL IN N. SIDE GUY POLE ON
THE S SIDE OF MADISON AT
HOUSE # 809

BM 11  Elev. 872.05
LARGE PK NAIL IN S. SIDE POWER
POLE ON THE NE CORNER OF
MADISON AND SIXTH

BM 10  Elev. 871.84
RR SPIKE IN S. SIDE POWER POLE
ON THE N. SIDE OF MADISON,
1ST POLE W. OF FIFTH

BM 9  Elev. 863.57
RR SPIKE IN S. SIDE POWER POLE
ON THE N. SIDE OF MADISON,
OPPOSITE TURNER PARK CT.

BM 8  Elev. 859.20
RR SPIKE IN S. SIDE POWER POLE
ON THE NW CORNER OF MADISON
AND FOURTH

BM 7  Elev. 846.41
RR SPIKE IN S. SIDE POWER POLE
ON THE NW CORNER OF MADISON
AND THIRD

BM 6  Elev. 839.06
RR SPIKE IN S. SIDE POWER POLE
ON THE N. SIDE OF MADISON AT
HOUSE #414

BM 5  Elev. 834.55
NAIL IN N. SIDE POWER POLE
ON THE SW CORNER OF
MADISON AND SECOND

BM 4  Elev. 823.99
NAIL IN N. SIDE POWER POLE
ON THE S. SIDE OF MADISON
AT HOUSE #602 FIRST

BM 3  Elev. 820.62
NAIL IN N. SIDE POWER POLE
ON THE S. SIDE OF MADISON
AT HOUSE #213
BM 13       Elev. 875.65
RR SPIKE IN S. SIDE POWER POLE ON THE NE CORNER OF MADISON AND SEVENTH
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BM 11       Elev. 872.05
LARGE PK NAIL IN S. SIDE POWER POLE ON THE NE CORNER OF MADISON AND SIXTH

PR WATER

NOTE: PRICES OTHER THAN THOSE SPECIFICALLY INCLUDED AS SEPARATE CONTRACT PAY ITEMS, BLOW-OFF ASSISTED, CONCRETE thrust-block, SOLID SLEEVES, AND MECHANICAL PLUGS WHICH ARE REQUIRED TO COMPLETE THE WORK, SHALL BE INCLUDED IN THE PRICE OF THE WATER MAIN.
BM 7
Elev. 846.41
RR SPIKE IN S. SIDE POWER POLE ON THE NW CORNER OF MADISON AND THIRD

BM 6
Elev. 839.06
RR SPIKE IN S. SIDE POWER POLE ON THE N. SIDE OF MADISON AT HOUSE #414

BM 5
Elev. 834.55
NAIL IN N. SIDE POWER POLE ON THE SW CORNER OF MADISON AND SECOND
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ON THE N. SIDE OF MADISON AT
HOUSE #414
BM 5
Elev. 834.55
NAIL IN N. SIDE POWER POLE
ON THE SW CORNER OF
MADISON AND SECOND

THE CONTRACTOR SHALL SUBMIT TEMPORARY
DAMAGE CONTROL PLAN FOR MAINTAINING
STORM RUN-OFF FROM STAGE 1 CONSTRUCTION
UNTIL CONSTRUCTION OF STORM SYSTEM IN
STAGE 2 IS COMPLETE. COSTS ASSOCIATED
WITH THIS WORK SHALL BE INCLUDED IN UNIT
PRICES FOR THE APPROPRIATE STORM SEWER
ITEM.
BM 4
Elev. 823.99
NAIL IN N. SIDE POWER POLE
ON THE S. SIDE OF MADISON
AT HOUSE #602

BM 3
Elev. 820.62
NAIL IN N. SIDE POWER POLE
ON THE S. SIDE OF MADISON
AT HOUSE #213
NAIL IN N. SIDE POWER POLE
ON THE SE CORNER OF MADISON
AND ASHLEY

NAIL IN S. SIDE POWER POLE
ON THE NW CORNER OF MADISON
AND MAIN
RR SPIKE IN S. SIDE POWER POLE ON THE NW CORNER OF MADISON AND THIRD

NAIL IN N. SIDE POWER POLE ON THE SW CORNER OF MADISON AND SECOND