

**CITY OF BLOOMINGTON**  
**2018-102 PMP STREET MAINTENANCE PROJECT**

**Issued: May 4, 2018**

The Contractor shall note the following changes and clarifications included in this Addendum #1. Revised plan sheets 3-8, 10, 47, 77-81, 81-A, S7, S8, S11, S19, S22, S36, S37, S38, S39, 174, 171, 184 have been included with this addendum. A Revised Proposal Form for Addendum 1 and the Revised Contractor's Certification has also been included with this addendum.

**PLAN CHANGES**

The following changes shall be made in the Plans:

1. Sheets No. 3 – 8 are hereby modified to include changes to the Schedule 1 Statement of Estimated Quantities (SEQ)
  - Item **2105.501 COMMON EXCAVATION** in the SEQ has been increased by **29 CY**
    - i. Reference Killebrew Drive quantities
  - Item **2105.601 PLANTING SOIL** has been added to the SEQ at a quantity of **29 CY**
    - i. Reference Killebrew Drive quantities
  - Item **2211.501 AGGREGATE BASE CLASS 5** in the SEQ has been increased by **3 CY**
    - i. Reference Killebrew Drive quantities
  - Item **2232.501 MILL BITUMINOUS SURFACE (P)** in the SEQ has been decreased by **1292 SY**
    - i. Reference East American Boulevard quantities
  - Item **2360.501 SP 9.5 WEARING COURSE MIX (3,B)** in the SEQ has been decreased by **145 TONS**
    - i. Reference East American Boulevard quantities
  - Item **2521.501 6" CONCRETE WALK SPECIAL** in the SEQ has been increased by **261 SF**
    - i. Reference Killebrew Drive quantities
  - Item **2531.618 TRUNCATED DOMES** in the SEQ has been decreased by **76 SF**
    - i. Reference East American Boulevard quantities
  - Item **2540.603 STEEL LANDSCAPE EDGER** has been added to the SEQ at a quantity of **102 LF**
    - i. Reference Killebrew Drive quantities
  - Item **2565.601 VIDEO DETECTION SYSTEM** in the SEQ has been decreased by **1 SYSTEM**
    - i. Reference East American Boulevard quantities
  - Item **2565.602 RIGID PVC LOOP DETECTOR 6'X6'** has been added at to the SEQ at a quantity of **6 EACH**
    - i. Reference East American Boulevard quantities
  - Item **2575.513 MULCH MATERIAL TYPE 6** has been added to the SEQ at a quantity of **10 CY**
    - i. Reference Killebrew Drive quantities
  - Item **2582.502 4" SOLID LINE EPOXY** in the SEQ has been decreased by **376 LF**
    - i. Reference East American Boulevard quantities
  - Item **2582.502 6" SOLID LINE EPOXY** in the SEQ has been decreased by **129 LF**
    - i. Reference East American Boulevard quantities
  - Item **2582.503 CROSSWALK PREF TAPE GR IN** in the SEQ has been decreased by **378 SF**
    - i. Reference East American Boulevard quantities

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- Item **2582.602 PAVT MSSG (LT ARROW) POLY PREF-GR IN** in the SEQ has been decreased by **4 Each**
  - i. Reference East American Boulevard quantities
- 2. Sheets No. 10 are hereby modified to include changes to the Schedule 3 Statement of Estimated Quantities (SEQ)
  - Item **2104.505 REMOVE CONCRETE WALK** in the SEQ has been increased by **18 SY**
    - i. Reference 24<sup>th</sup> Avenue quantities
  - Item **2521.501 6" CONCRETE WALK SPECIAL** in the SEQ has been increased by **165 SF**
    - i. Reference 24<sup>th</sup> Avenue quantities
- 3. Sheet 19 is hereby modified
  - **6" CONCRETE WALK SPECIAL SCORING PATTERN** detail has been added
- 4. Sheet No. 47 is hereby modified.
  - **BEGIN SAP 107-432-011** limits have been relocated to STA 1+76
- 5. Sheet No. 75 is hereby modified.
  - 102 LF of **STEEL LANDSCAPE EDGER** has been added to the plan sheet
  - 1' Depth for **PLANTING SOIL** for landscape bed
  - 4" Depth for **MULCH MATERIAL TYPE 6** for landscape bed
  - Construction of 4' **6" CONCRETE WALK SPECIAL** maintenance strip
- 6. Sheet No. 77 is hereby modified.
  - **BEGIN SAP 107-432-011** limits have been relocated to STA 1+76
  - Item **2565.601 VIDEO DETECTION SYSTEM** has been removed
  - Item **2565.602 RIGID PVC LOOP DETECTOR 6X6** has been added
  - Item **2531.618 TRUNCATED DOMES** has been updated
- 7. Sheets No. 78-81 are hereby removed
- 8. Sheet No. 81A is hereby added
  - NMC Loop Detector Layouts and Details
- 9. Sheet No. S7 is hereby modified.
  - Signs D-4 and D-5 are added to Revised Signal System "C"
- 10. Sheet No. S8 is hereby modified.
  - Minnesota Sign Panel Overlay Symbol is added
- 11. Sheet No. S11 is hereby modified.
  - Conduit wire note from in place handhole 6 to in place handhole 9 is added
- 12. Sheet No. S19 is hereby modified.
  - Pole 1 note is updated to include signs D-4 and D-5
- 13. Sheet No. S22 is hereby modified.
  - Wire 49 note is changed to "video communication 1-video coax"
- 14. Sheet No. S36-S39 are hereby modified.
  - Pole 1 is changed to furnish and install at Revised Signal System "F"
  - Existing pole mounted signal equipment on pole 1 for Revised Signal System "F", including pedestrian countdown timers, signal indications, pedestrian push buttons and pole mounted signs are changed to salvage and install
- 15. Sheet No. 147 is hereby modified
  - Item **2521.501 6" CONCRETE WALK SPECIAL** has been updated

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16. Sheet No. 171 is hereby modified

- **BEGIN SAP 107-432-011** limits have been relocated to STA 1+76
- Item **2582.502 4" SOLID LINE EPOXY** quantities have been updated
- Item **2582.502 6" SOLID LINE EPOXY** quantities have been updated
- Item **2582.503 CROSSWALK PREF TAPE GR IN** quantities have been updated
- Item **2582.602 PAVT MSSG (LT ARROW) POLYPREF-GR IN** quantities have been updated

17. Sheet No. 184 is hereby removed

**SPECIFICATION CHANGES**

The following changes shall be made in the Specifications:

1. Contractor's Certification is hereby modified and included with this addendum.
  - Project No. has been updated to **2018-102 PMP Street Maintenance Project**

2. Special Provisions – Division S

- Page 64, Section **S-33 CONCRETE CURB AND GUTTER AND CONCRETE WALK**, sub-section **B. 6" Concrete Walk Special** is hereby modified to the following:

*This work consists of constructing concrete walk to match the existing colored and scored or existing colored and stamped concrete walk along American Boulevard, 24<sup>th</sup> Avenue and Killebrew Drive in existing pork chops and pedestrian ramps. The scoring pattern shall match the existing as shown on the plans and details. All colors used shall be approved by the Engineer prior to placement.*

*Measurement will be made by the square foot of concrete walk constructed as specified.*

*Payment will be made under Item 2521.501 6" Concrete Walk Special at the Contract bid price per square foot, which will be payment in full for all costs involved.*

3. Special Provisions – Division S are hereby modified to include the following sections:

- **(2540.603) STEEL LANDSCAPE EDGER**

*This work consists of furnishing and installing commercial grade steel edger as directed by the Engineer and as shown on the plans. Use steel stakes at a maximum of 12 inches in length spaced at a maximum of 24 inches on center. Match existing steel edger thickness and color.*

*Construct the edging in the location and configuration as shown on the plans. The Engineer reserves the right to alter this alignment to improve constructability and aesthetics.*

*Payment for Landscape Edger is payment in full for: furnishing and installing the edger with stakes (if necessary) and the excavation, backfilling, and compaction needed for edger installation. Removal of existing steel edger is considered incidental to installation.*

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• **(2540.603) LANDSCAPE EDGER**

*This work consists of furnishing and installing heavy-duty plastic edger as directed by the Engineer and as shown on the plans. Use steel or heavy grade plastic stakes at a minimum of 9 inches in length. Removal of the existing landscape edger is considered incidental.*

*Construct the edging in the location and configuration as shown on the plans. The Engineer reserves the right to alter this alignment to improve constructability and aesthetics.*

*Payment for Landscape Edger is payment in full for: furnishing and installing the edger with stakes (if necessary) and the excavation, backfilling, and compaction needed for edger installation. Removal of existing heavy duty plastic edger is considered incidental to installation.*

4. Special Provisions – Division SS

• Section **SS-7 SIGNAL SERVICE CABINET** is hereby modified to the following:

*The provisions of Standard Specifications for Traffic Signal Control Devices Article No. 10 are modified and/or supplemented with the following:*

*The existing ground mounted signal service cabinet will be replaced with a ground mounted service cabinet as identified in the Contract Documents. The Contractor shall furnish and install one (1) new signal service cabinet and all associated components at the locations indicated in the Plans. The signal service cabinet design for each of the following intersections:*

- *Revise Signal System "A" – 34<sup>th</sup> Avenue at American Boulevard*
- *Revise Signal System "B" – 34<sup>th</sup> Avenue at Appletree Square Road*

*, as identified in the Plans, will not include a battery backup system in the signal service cabinet. The Contractor shall reinstall all existing wiring signal service cabinet components. The Contractor shall furnish and install as directed, any additional cabinet components that may be needed in order to make the revised signal system operational in accordance with the Plans. All costs associated with furnishing and installing the signal service cabinet shall be incidental to the unit bid price for lump sum of Revise Signal System.*

• Section **SS-12 LUMINAIRE** is hereby modified to the following:

SS-12.1 REVISE SIGNAL SYSTEM "C" - Luminaires

*The provisions of Standard Specifications for Traffic Control Signal Devices Article No. 13 are modified and/or supplemented with the following:*

*All luminaires shall be manufactured by the following approved manufacturer or an approved Equal:*

*Autobahn Series ATB2, ATB2 60B LED E70 MVOLT R3 BK NL NR*

- *Color Temperature 4000K*
- *60B LED*

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- *Finish Color – See SS-13*
- *Roadway Series Type III*

*Luminaires shall be 140 watt LED wired and installed for operation on 120 Volt AC, 60 Hz. The Contractor shall furnish and install Luminaires and associated components at **REVISE SIGNAL SYSTEM “C”** as detailed in the plans and identified in the special provisions. SS-12.1 REVISE SIGNAL SYSTEM “F” - Luminaires*

*The luminaire at **REVISE SIGNAL SYSTEM “F”** shall be in accordance with the City of Bloomington Standard Specifications for Traffic Control Signal Devices Article No. 13.*

- Section **SS-16 VIDEO DETECTION** is hereby modified to NOT include:  
*Revised Signal System “C” – Iteris Vantage Edge 2 Video Detection System*  
*Revised Signal System “D” – Iteris Vantage Edge 2 Video Detection System*
- Section **SS-23 TRAFFIC SIGNAL OPERATION – EXISTING ELECTRICAL SYSTEM** is hereby modified to the following:

*The Contractor shall keep the existing traffic signal system in operation at all times during construction unless otherwise directed by the Engineer. The Contractor is responsible for coordinating signal controller and service cabinet replacement with Metro Transit and the City. Signal outage shall only occur at the intersections as detailed below:*


- *Revise Signal System “A” – 34<sup>th</sup> Avenue at American Boulevard*
  - *Signal controller and service cabinet replacement shall occur on Saturday or concurrent with a scheduled LRT shutdown. The maximum allowable signal outage during replacement of the signal controller and service cabinet replacement is 12 hours. Replacement shall not occur on a weekday.*
- *Revise Signal System “B” – 34<sup>th</sup> Avenue at Appletree Square Road*
  - *Signal controller and service cabinet replacement shall occur on Saturday or concurrent with a scheduled LRT shutdown. The maximum allowable signal outage during replacement of the signal controller and service cabinet replacement is 12 hours. Replacement shall not occur on a weekday.*
- *Revise Signal System “C” – Killebrew Drive at 20<sup>th</sup> Avenue S.*
  - *Signal controller cabinet replacement shall occur on Monday through Wednesday. Signal outage shall only occur between 7:00 am and 2:00 pm. Replacement shall not occur on Thursday through Sunday.*
- *Revise Signal System “E” – Killebrew Drive at 24<sup>th</sup> Avenue S.*
  - *Signal controller cabinet replacement shall occur on Monday through Wednesday or concurrent with a scheduled LRT shutdown. Signal outage shall only occur between 7:00 am and 2:00 pm. Replacement shall not occur on Thursday through Sunday.*

*All cost associated with replacing the signal controller cabinets and maintaining signal system operation shall be incidental to the unit bid price for lump sum of Revise Signal Systems.*

**ADDENDUM #1**

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The Contractor shall include this addendum when submitting their bid.

 Julie M. Long, P.E. Civil Engineer, Infrastructure License No. 25847	<hr/> <p>Contractor Name</p> <hr/> <p>Printed Name</p> <hr/> <p>Signature</p> <hr/> <p>Title</p> <hr/> <p>Date</p>
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