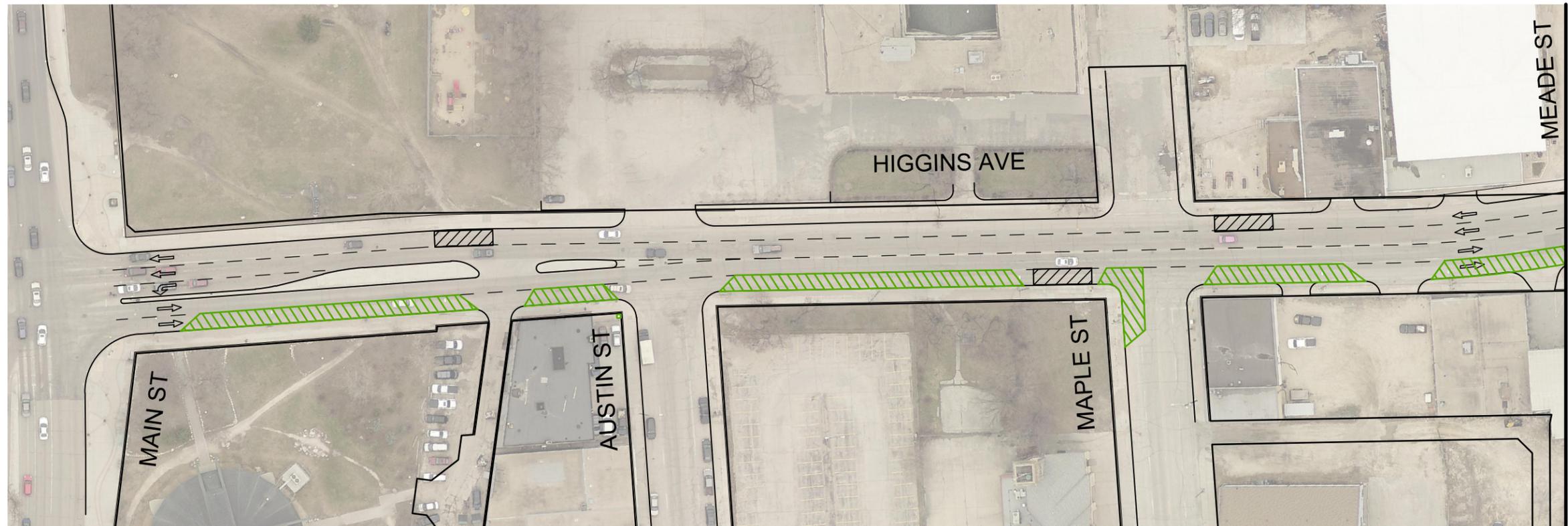


**APPENDIX A**  
**TRAFFIC MANAGEMENT PLANS**



MATCH LINE - SEE FIGURE 02

SCALE: 1:1000 (11"x17")



**LEGEND:**

-  EXISTING TRANSIT STOP
-  STAGE 1 LANE CLOSURE
-  STAGE 2 LANE CLOSURE
-  STAGE 3 LANE CLOSURE
-  TRAFFIC FLOW

**NOTES:**

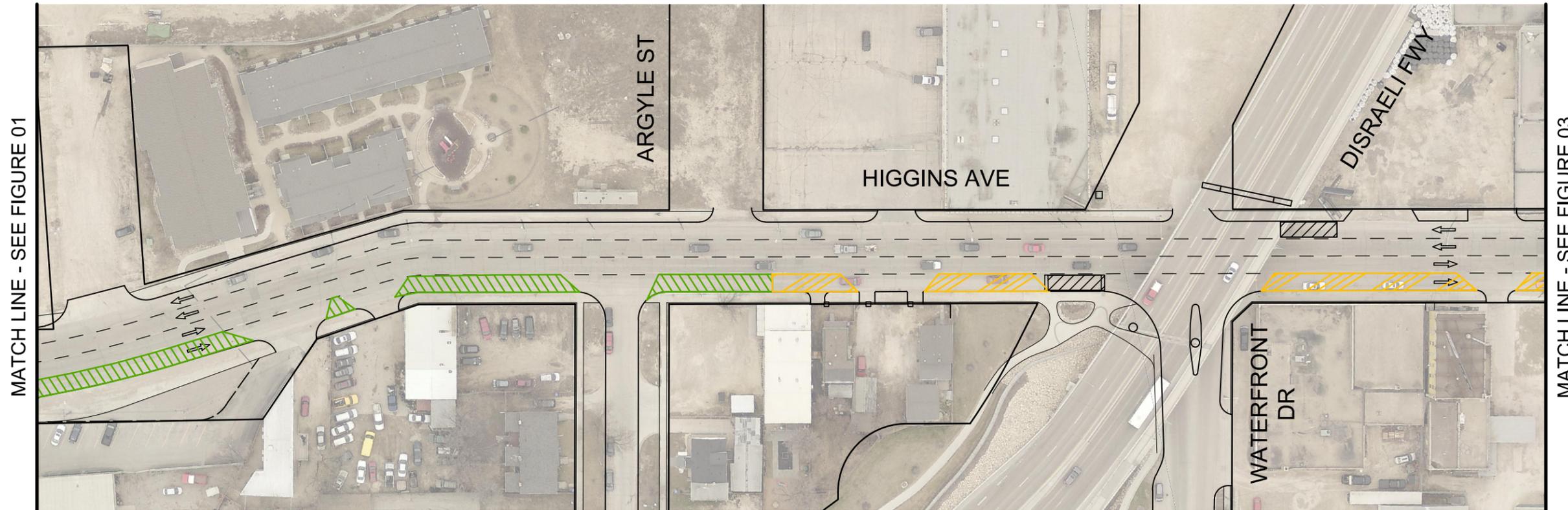
1. MAINTAIN A MINIMUM OF ONE LANE OF EASTBOUND TRAFFIC AT ALL TIMES DURING CONSTRUCTION ON HIGGINS AVE.
2. PEAK HOURS ARE MONDAY TO FRIDAY 0700 HRS TO 0900 HRS AND FROM 1530 HRS TO 1730 HRS.
3. INTERSECTING STREETS AND PRIVATE APPROACH ACCESS SHALL BE MAINTAINED AS SHOWN.
4. CONSTRUCTION STAGING IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF WINNIPEG "MANUAL OF TEMPORARY TRAFFIC CONTROL ON CITY STREETS".
5. MAINTAIN EXISTING DRAINAGE AND INSTALL PROPOSED DRAINAGE APPURTENANCES AS REQUIRED DURING THE APPROPRIATE STAGES AND AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
6. TO FACILITATE WATER MAIN INSTALLATION, SAWCUT EXISTING PAVEMENT (FULL DEPTH) PRIOR TO REMOVAL.
7. CONSTRUCT TEMPORARY ASPHALT PAVEMENT AND RAMPS AS REQUIRED TO FACILITATE THE CONSTRUCTION STAGING. THE TEMPORARY ASPHALT PAVEMENT SHALL CONSIST OF 75 mm - TYPE 1A ASPHALTIC CONCRETE PAVEMENT.
8. MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES.
9. ERECT AND MAINTAIN FENCE BETWEEN PEDESTRIANS AND CONSTRUCTION AREAS.

**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES



2018 WATER MAIN RENEWALS  
 CONTRACT 1  
**TRAFFIC MANAGEMENT PLANS**  
 BID OPPORTUNITY 310-2018

SCALE	1:1000
DATE	April 6, 2018
FIGURE NO.	<b>01</b>



SCALE: 1:1000 (11"x17")



**LEGEND:**

-  EXISTING TRANSIT STOP
-  STAGE 1 LANE CLOSURE
-  STAGE 2 LANE CLOSURE
-  STAGE 3 LANE CLOSURE
-  TRAFFIC FLOW

**NOTES:**

1. MAINTAIN A MINIMUM OF ONE LANE OF EASTBOUND TRAFFIC AT ALL TIMES DURING CONSTRUCTION ON HIGGINS AVE.
2. PEAK HOURS ARE MONDAY TO FRIDAY 0700 HRS TO 0900 HRS AND FROM 1530 HRS TO 1730 HRS.
3. INTERSECTING STREETS AND PRIVATE APPROACH ACCESS SHALL BE MAINTAINED AS SHOWN.
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5. MAINTAIN EXISTING DRAINAGE AND INSTALL PROPOSED DRAINAGE APPURTENANCES AS REQUIRED DURING THE APPROPRIATE STAGES AND AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
6. TO FACILITATE WATER MAIN INSTALLATION, SAWCUT EXISTING PAVEMENT (FULL DEPTH) PRIOR TO REMOVAL.
7. CONSTRUCT TEMPORARY ASPHALT PAVEMENT AND RAMPS AS REQUIRED TO FACILITATE THE CONSTRUCTION STAGING. THE TEMPORARY ASPHALT PAVEMENT SHALL CONSIST OF 75 mm - TYPE 1A ASPHALTIC CONCRETE PAVEMENT.
8. MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES.
9. ERECT AND MAINTAIN FENCE BETWEEN PEDESTRIANS AND CONSTRUCTION AREAS.



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

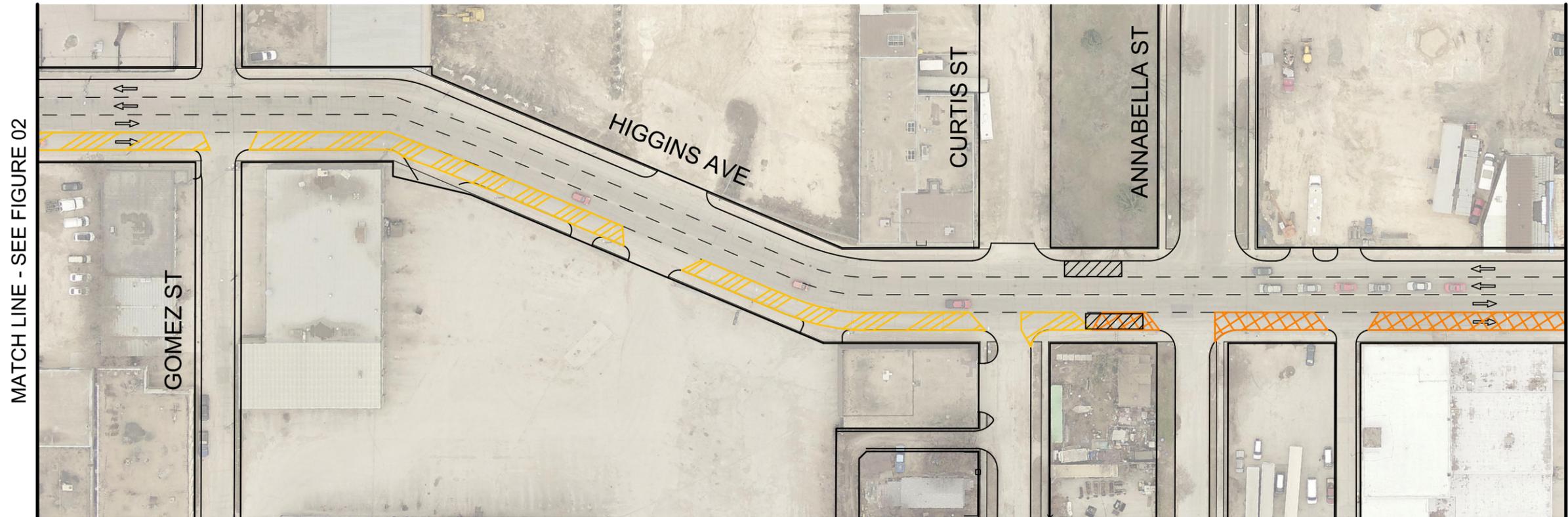


2018 WATER MAIN RENEWALS  
CONTRACT 1  
**TRAFFIC MANAGEMENT PLANS**  
BID OPPORTUNITY 310-2018

SCALE  
1:1000

DATE  
April 6, 2018

FIGURE NO.  
**02**



SCALE: 1:1000 (11"x17")



**LEGEND:**

-  EXISTING TRANSIT STOP
-  STAGE 1 LANE CLOSURE
-  STAGE 2 LANE CLOSURE
-  STAGE 3 LANE CLOSURE
-  TRAFFIC FLOW

**NOTES:**

1. MAINTAIN A MINIMUM OF ONE LANE OF EASTBOUND TRAFFIC AT ALL TIMES DURING CONSTRUCTION ON HIGGINS AVE.
2. PEAK HOURS ARE MONDAY TO FRIDAY 0700 HRS TO 0900 HRS AND FROM 1530 HRS TO 1730 HRS.
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6. TO FACILITATE WATER MAIN INSTALLATION, SAWCUT EXISTING PAVEMENT (FULL DEPTH) PRIOR TO REMOVAL.
7. CONSTRUCT TEMPORARY ASPHALT PAVEMENT AND RAMPS AS REQUIRED TO FACILITATE THE CONSTRUCTION STAGING. THE TEMPORARY ASPHALT PAVEMENT SHALL CONSIST OF 75 mm - TYPE 1A ASPHALTIC CONCRETE PAVEMENT.
8. MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES.
9. ERECT AND MAINTAIN FENCE BETWEEN PEDESTRIANS AND CONSTRUCTION AREAS.



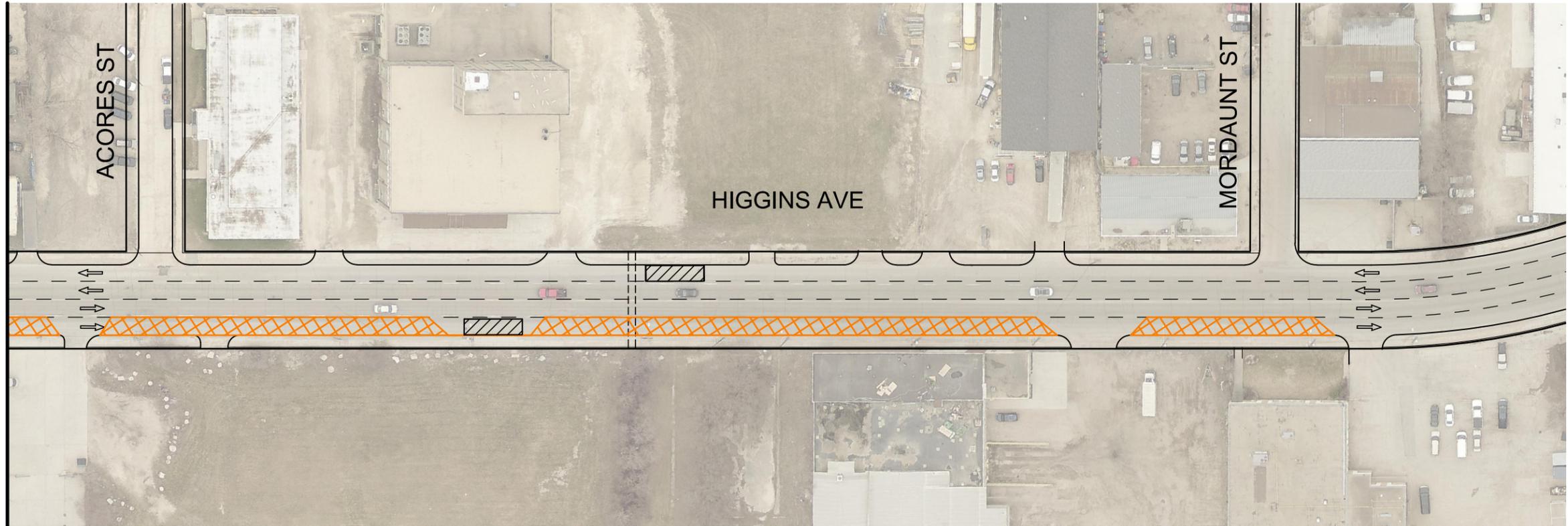
**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



2018 WATER MAIN RENEWALS  
CONTRACT 1  
**TRAFFIC MANAGEMENT PLANS**  
BID OPPORTUNITY 310-2018

SCALE  
1:1000  
DATE  
April 6, 2018  
FIGURE NO.  
**03**

MATCH LINE - SEE FIGURE 03



SCALE: 1:1000 (11"x17")



**LEGEND:**

-  EXISTING TRANSIT STOP
-  STAGE 1 LANE CLOSURE
-  STAGE 2 LANE CLOSURE
-  STAGE 3 LANE CLOSURE
-  TRAFFIC FLOW

**NOTES:**

1. MAINTAIN A MINIMUM OF ONE LANE OF EASTBOUND TRAFFIC AT ALL TIMES DURING CONSTRUCTION ON HIGGINS AVE.
2. PEAK HOURS ARE MONDAY TO FRIDAY 0700 HRS TO 0900 HRS AND FROM 1530 HRS TO 1730 HRS.
3. INTERSECTING STREETS AND PRIVATE APPROACH ACCESS SHALL BE MAINTAINED AS SHOWN.
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6. TO FACILITATE WATER MAIN INSTALLATION, SAWCUT EXISTING PAVEMENT (FULL DEPTH) PRIOR TO REMOVAL.
7. CONSTRUCT TEMPORARY ASPHALT PAVEMENT AND RAMPS AS REQUIRED TO FACILITATE THE CONSTRUCTION STAGING. THE TEMPORARY ASPHALT PAVEMENT SHALL CONSIST OF 75 mm - TYPE 1A ASPHALTIC CONCRETE PAVEMENT.
8. MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES.
9. ERECT AND MAINTAIN FENCE BETWEEN PEDESTRIANS AND CONSTRUCTION AREAS.

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



2018 WATER MAIN RENEWALS  
CONTRACT 1  
**TRAFFIC MANAGEMENT PLANS**  
BID OPPORTUNITY 310-2018

SCALE  
1:1000

DATE  
April 6, 2018

FIGURE NO.  
**04**