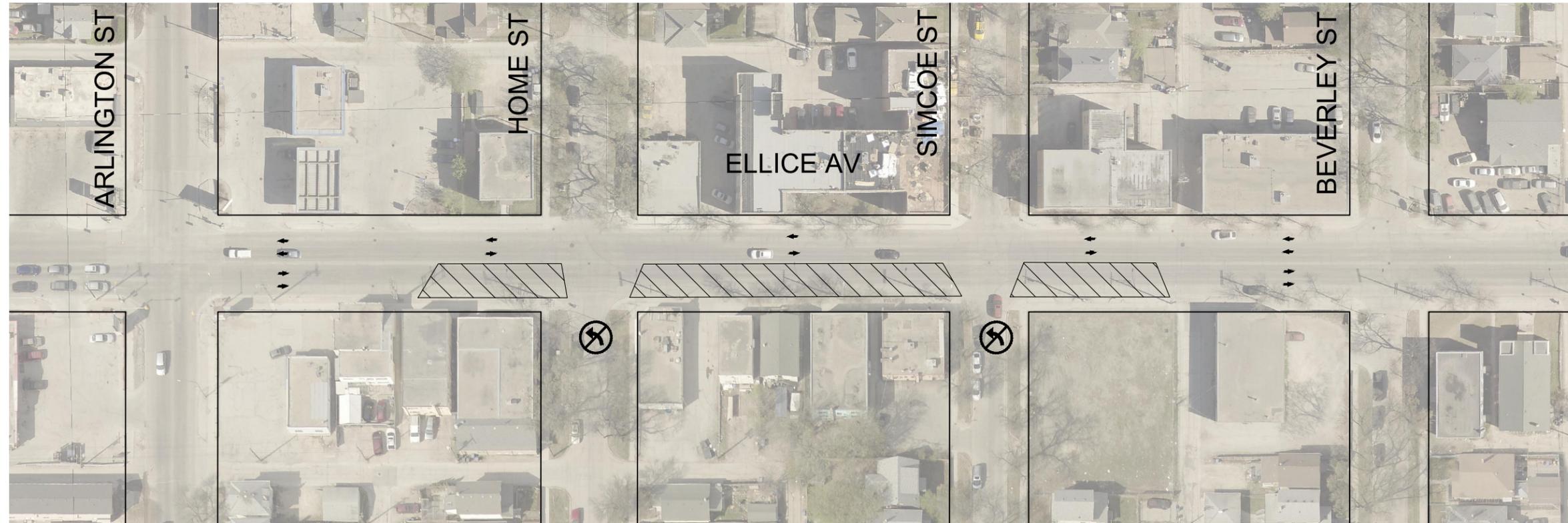


APPENDIX A
TRAFFIC MANAGEMENT PLANS



SCALE: 1:1000 (11"x17")



LEGEND:

- LONG TERM LANE CLOSURE
- LANES TO BE OPEN DURING PEAK HOURS
- LANES TO BE CLOSED ONLY ON WEEKENDS
- TRAFFIC FLOW

NOTES:

1. MAINTAIN A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES DURING CONSTRUCTION ON ELLICE AVE.
2. PEAK HOURS ARE MONDAY TO FRIDAY 0700 HRS TO 0900 HRS AND FROM 1530 HRS TO 1730 HRS.
3. CITY OF WINNIPEG TRAFFIC SERVICES TO BE CONTACTED IN ADVANCE TO ERECT SIGNAGE FOR LANE CLOSURES.
4. INTERSECTING STREETS AND PRIVATE APPROACH ACCESS SHALL BE MAINTAINED AS SHOWN.
5. CONSTRUCTION STAGING IN ACCORDANCE WITH THE 2016 EDITION OF THE CITY OF WINNIPEG "MANUAL OF TEMPORARY TRAFFIC CONTROL IN WORK AREAS ON CITY STREETS".
6. MAINTAIN EXISTING DRAINAGE AND INSTALL PROPOSED DRAINAGE APPURTENANCES AS REQUIRED DURING THE APPROPRIATE STAGES AND AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
7. TO FACILITATE WATER MAIN INSTALLATION, SAWCUT EXISTING PAVEMENT (FULL DEPTH) PRIOR TO REMOVAL.
8. CONSTRUCT TEMPORARY ASPHALT PAVEMENT AND RAMPS AS REQUIRED TO FACILITATE THE CONSTRUCTION STAGING. THE TEMPORARY ASPHALT PAVEMENT SHALL CONSIST OF 75mm - TYPE 1A ASPHALTIC CONCRETE PAVEMENT.
9. MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES.
10. ERECT AND MAINTAIN FENCE BETWEEN PEDESTRIANS AND CONSTRUCTION AREAS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



2019 WATER MAIN RENEWALS
CONTRACT 6
TRAFFIC MANAGEMENT PLANS
TENDER 246-2019

SCALE
1:1000

DATE
March 5, 2019

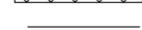
FIGURE NO.
01



SCALE: 1:1000 (11"x17")



LEGEND:

-  LONG TERM LANE CLOSURE
-  LANES TO BE OPEN DURING PEAK HOURS
-  LANES TO BE CLOSED ONLY ON WEEKENDS
-  TRAFFIC FLOW

NOTES:

1. MAINTAIN A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES DURING CONSTRUCTION ON ELLICE AVE.
2. PEAK HOURS ARE MONDAY TO FRIDAY 0700 HRS TO 0900 HRS AND FROM 1530 HRS TO 1730 HRS.
3. CITY OF WINNIPEG TRAFFIC SERVICES TO BE CONTACTED IN ADVANCE TO ERECT SIGNAGE FOR LANE CLOSURES.
4. INTERSECTING STREETS AND PRIVATE APPROACH ACCESS SHALL BE MAINTAINED AS SHOWN.
5. CONSTRUCTION STAGING IN ACCORDANCE WITH THE 2016 EDITION OF THE CITY OF WINNIPEG "MANUAL OF TEMPORARY TRAFFIC CONTROL IN WORK AREAS ON CITY STREETS".
6. MAINTAIN EXISTING DRAINAGE AND INSTALL PROPOSED DRAINAGE APPURTENANCES AS REQUIRED DURING THE APPROPRIATE STAGES AND AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
7. TO FACILITATE WATER MAIN INSTALLATION, SAWCUT EXISTING PAVEMENT (FULL DEPTH) PRIOR TO REMOVAL.
8. CONSTRUCT TEMPORARY ASPHALT PAVEMENT AND RAMPS AS REQUIRED TO FACILITATE THE CONSTRUCTION STAGING. THE TEMPORARY ASPHALT PAVEMENT SHALL CONSIST OF 75mm - TYPE 1A ASPHALTIC CONCRETE PAVEMENT.
9. MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES.
10. ERECT AND MAINTAIN FENCE BETWEEN PEDESTRIANS AND CONSTRUCTION AREAS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

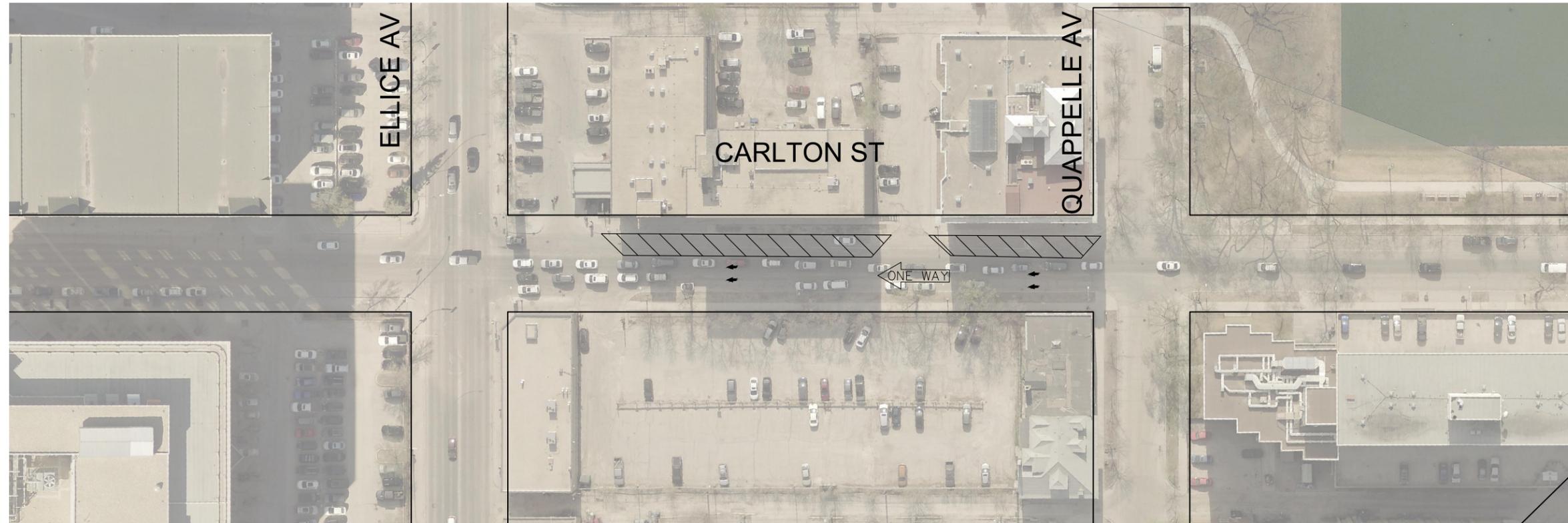


2019 WATER MAIN RENEWALS
CONTRACT 6
TRAFFIC MANAGEMENT PLANS
TENDER 246-2019

SCALE
1:1000

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FIGURE NO.
02



SCALE: 1:1000 (11"x17")



LEGEND:

- LONG TERM LANE CLOSURE
- LANES TO BE OPEN DURING PEAK HOURS
- LANES TO BE CLOSED ONLY ON WEEKENDS
- TRAFFIC FLOW

NOTES:

1. MAINTAIN A MINIMUM OF TWO LANES OF TRAFFIC AT ALL TIMES DURING CONSTRUCTION ON CARLTON ST.
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 2016 EDITION OF THE CITY OF WINNIPEG "MANUAL OF TEMPORARY TRAFFIC CONTROL IN WORK AREAS 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 75mm - 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

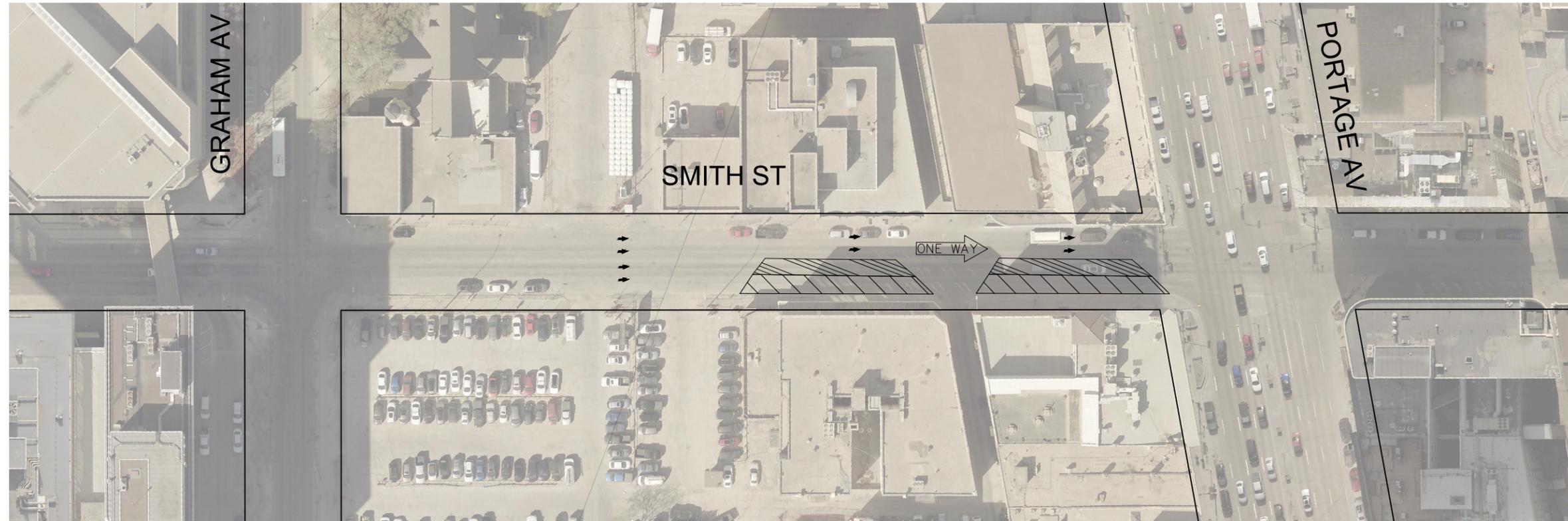


2019 WATER MAIN RENEWALS
CONTRACT 6
TRAFFIC MANAGEMENT PLANS
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SCALE
1:1000

DATE
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FIGURE NO.
03



SCALE: 1:1000 (11"x17")



LEGEND:

- LONG TERM LANE CLOSURE
- LANES TO BE OPEN DURING PEAK HOURS
- LANES TO BE CLOSED ONLY ON WEEKENDS
- TRAFFIC FLOW

NOTES:

1. MAINTAIN A MINIMUM OF TWO LANES OF TRAFFIC AT ALL TIMES DURING CONSTRUCTION ON SMITH ST.
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 2016 EDITION OF THE CITY OF WINNIPEG "MANUAL OF TEMPORARY TRAFFIC CONTROL IN WORK AREAS 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 75mm - 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



2019 WATER MAIN RENEWALS
CONTRACT 6
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SCALE
1:1000

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FIGURE NO.
04