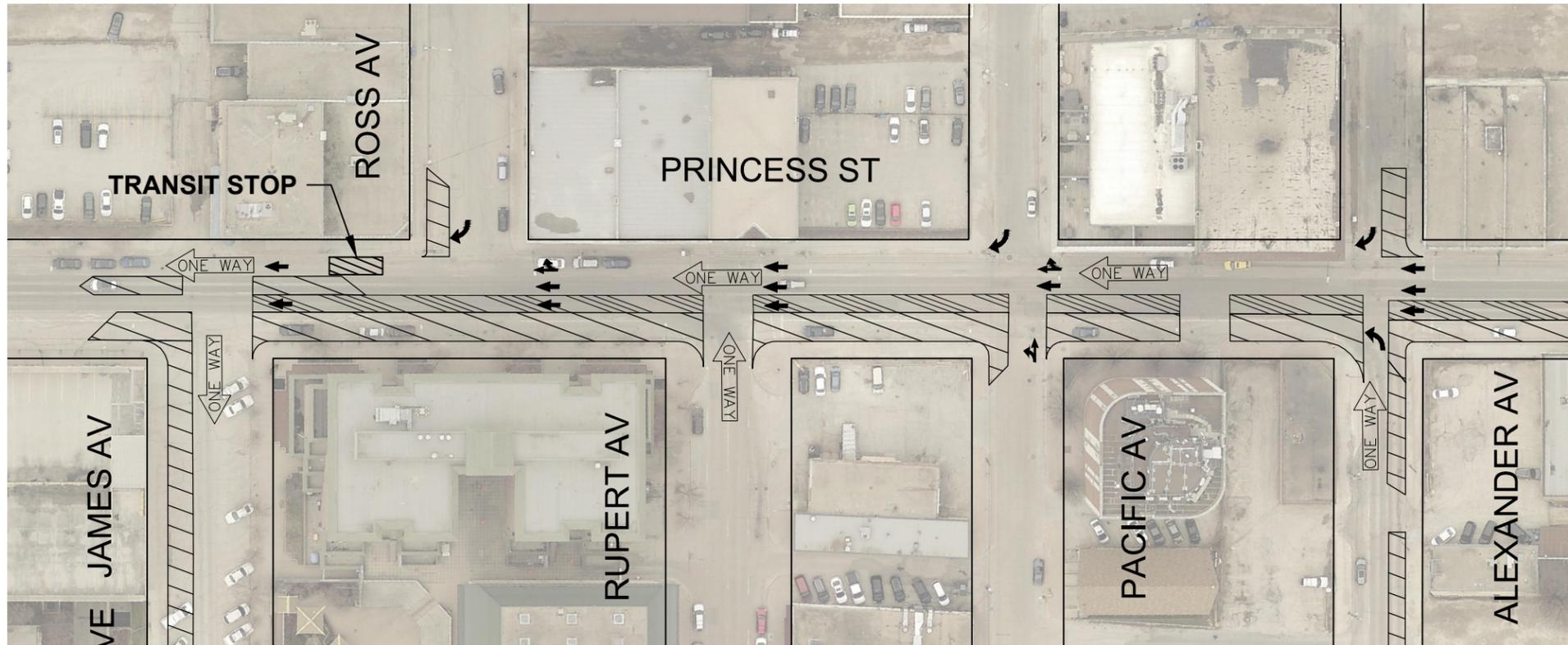
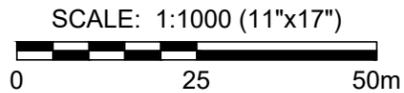


Appendix A
TRAFFIC MANAGEMENT PLANS



FOR CONTINUATION
SEE FIGURE 04



FOR CONTINUATION
SEE FIGURE 05

FOR CONTINUATION
SEE FIGURE 02



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 PRINCESS ST AND KING ST. IF REQUIRED TO FACILITATE CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO REDUCE STREETS TO 1 LANE OPEN TO TRAFFIC ON WEEKENDS (SATURDAY & SUNDAY) AND DURING THE WEEK (MONDAY TO FRIDAY) BETWEEN 6pm AND 6am.
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.

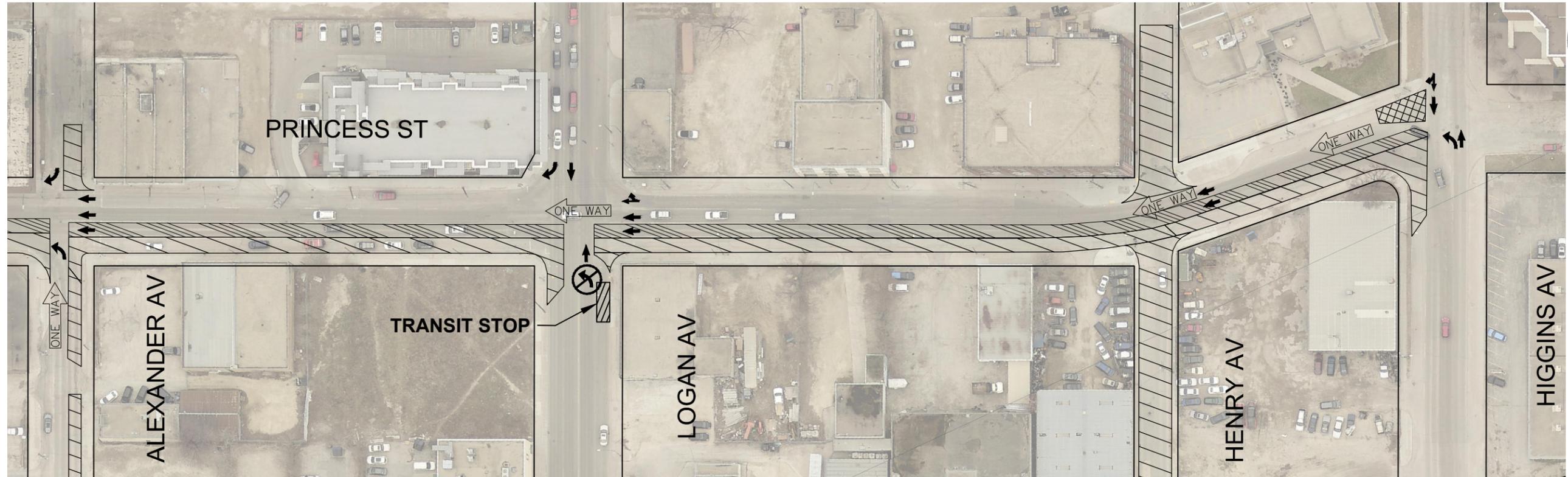
METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



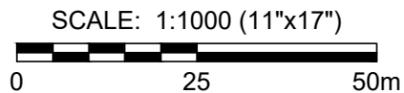
**2017 WATER MAIN RENEWALS
CONTRACT 7
TRAFFIC MANAGEMENT PLANS
BID OPPORTUNITY 334-2017**

SCALE	1:1000
DATE	April 3, 2017
FIGURE NO.	01

FOR CONTINUATION
SEE FIGURE 01



FOR CONTINUATION
SEE FIGURE 04



FOR CONTINUATION
SEE FIGURE 05

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 PRINCESS ST AND KING ST. IF REQUIRED TO FACILITATE CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO REDUCE STREETS TO 1 LANE OPEN TO TRAFFIC ON WEEKENDS (SATURDAY & SUNDAY) AND DURING THE WEEK (MONDAY TO FRIDAY) BETWEEN 6pm AND 6am.
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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 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



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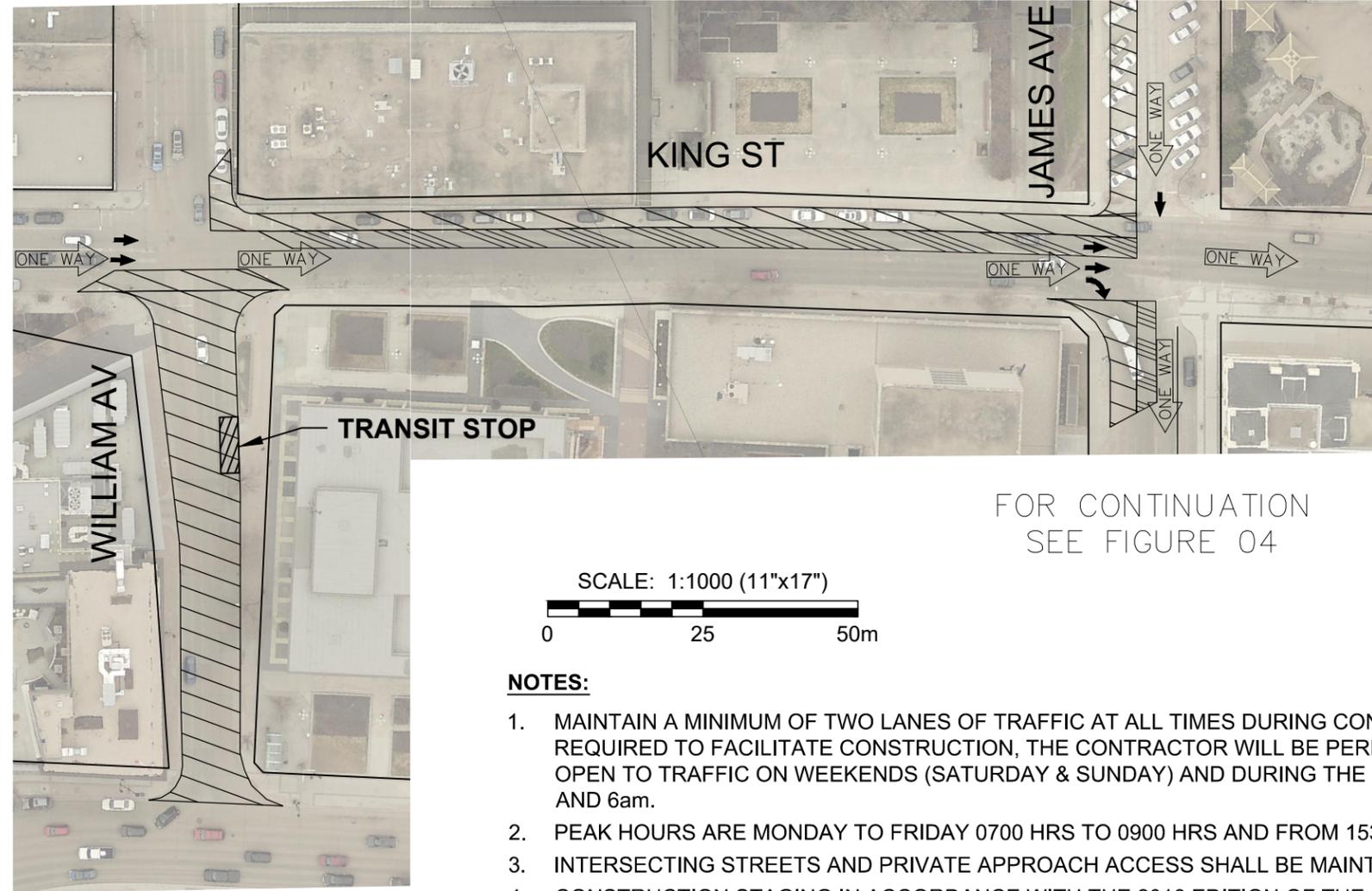
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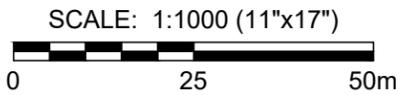
FIGURE NO.
02



FOR CONTINUATION
SEE FIGURE 04



FOR CONTINUATION
SEE FIGURE 04



NOTES:

1. MAINTAIN A MINIMUM OF TWO LANES OF TRAFFIC AT ALL TIMES DURING CONSTRUCTION ON PRINCESS ST AND KING ST. IF REQUIRED TO FACILITATE CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO REDUCE STREETS TO 1 LANE OPEN TO TRAFFIC ON WEEKENDS (SATURDAY & SUNDAY) AND DURING THE WEEK (MONDAY TO FRIDAY) BETWEEN 6pm AND 6am.
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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 75mm - TYPE 1A ASPHALTIC CONCRETE PAVEMENT.
8. MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES.
9. ERECT AND MAINTAIN FENCE BETWEEN PEDESTRIANS AND CONSTRUCTION AREAS.
10. MAINTAIN TWO RIGHT TURN LANES OFF OF KING ST ON TO JAMES AVE DURING PEAK HOURS.

LEGEND:

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

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



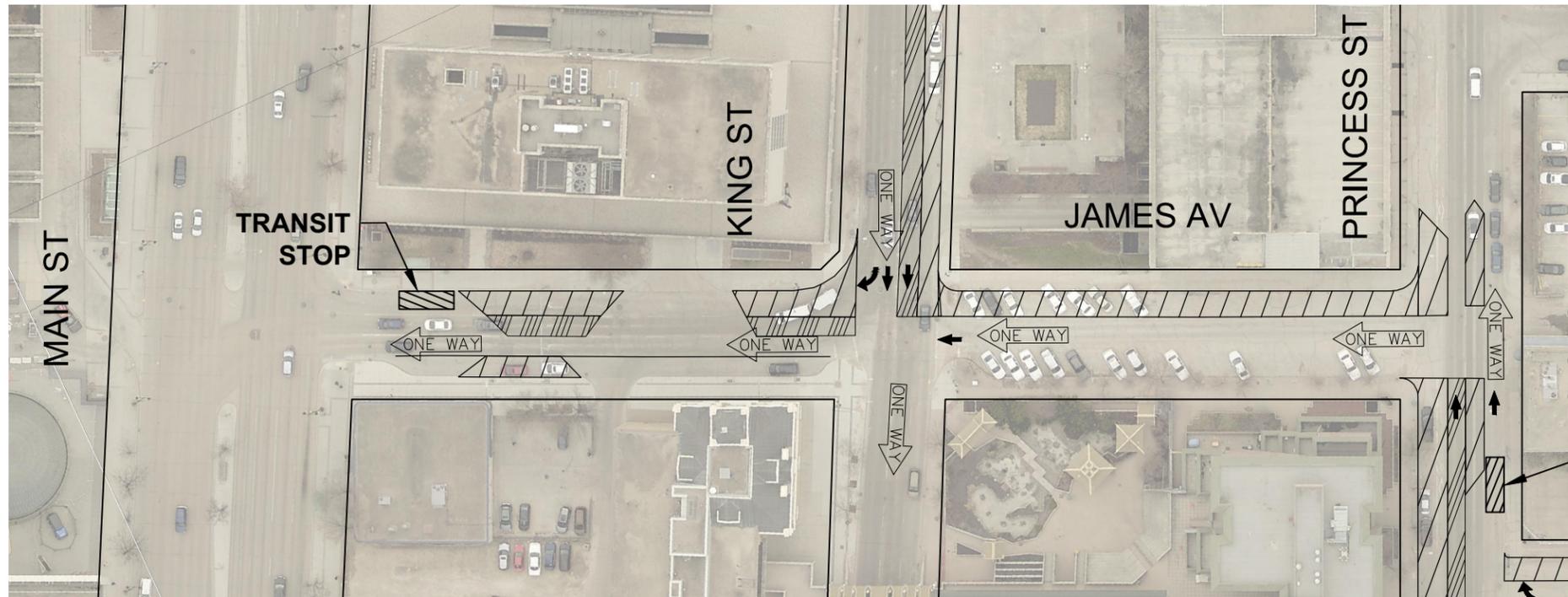
THE CITY OF WINNIPEG
WATER & WASTE DEPARTMENT

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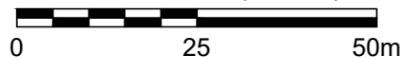
SCALE
1:1000

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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:

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8. MAINTAIN PEDESTRIAN ACCESS TO ALL BUSINESSES.
9. ERECT AND MAINTAIN FENCE BETWEEN PEDESTRIANS AND CONSTRUCTION AREAS.
10. MAINTAIN TWO RIGHT TURN LANES OFF OF KING ST ON TO JAMES AVE DURING PEAK HOURS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

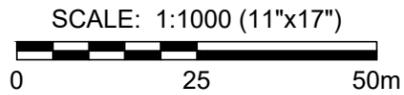
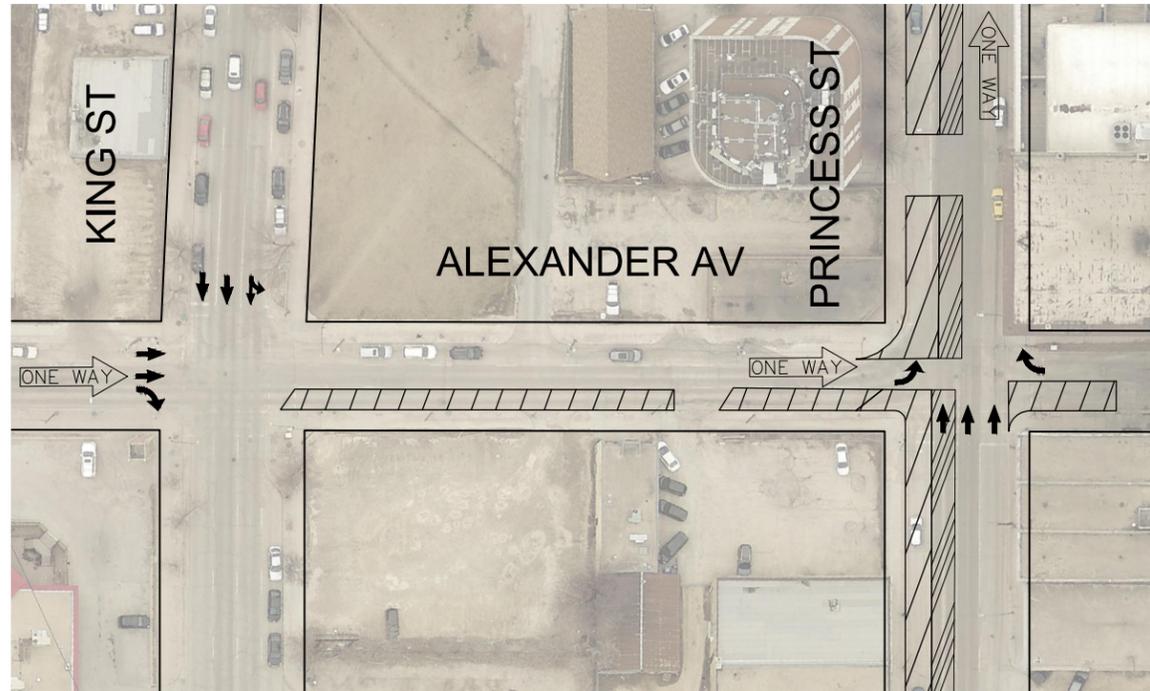


2017 WATER MAIN RENEWALS
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1:1000

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FIGURE NO.
04



LEGEND:

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

NOTES:

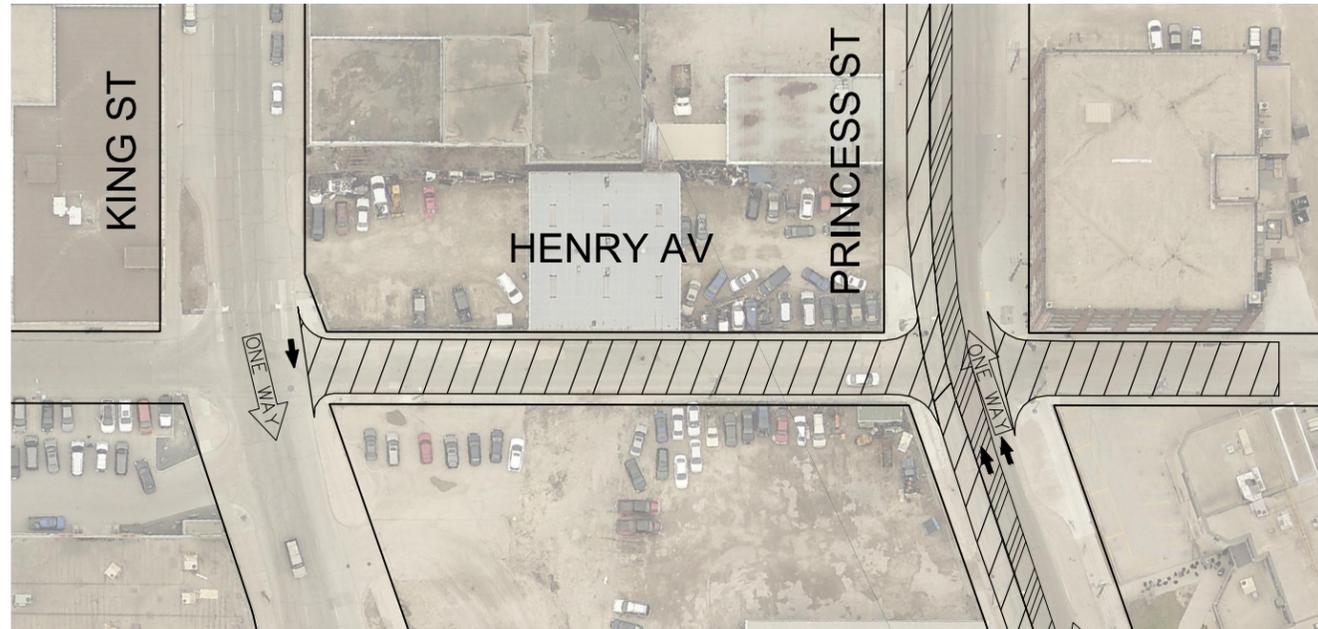
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SCALE	1:1000
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FIGURE NO.	05



SCALE: 1:1000 (11"x17")



LEGEND:

-  LONG TERM LANE CLOSURE
-  LANES TO BE OPEN DURING PEAK HOURS
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1:1000

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FIGURE NO.
06