








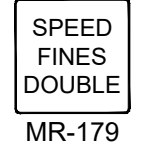
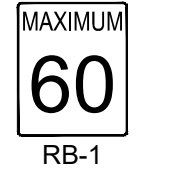




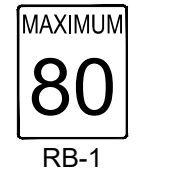




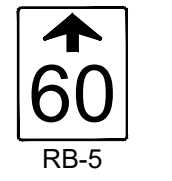
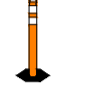



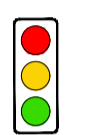



# **APPENDIX 'D'**

## **TRAFFIC CONTROL REQUIREMENTS**

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 A1 SIZE 604mm x 841mm

**LEGEND**

	WORK AREA		ROADWORK TC-2		DESIGNATED CONSTRUCTION ZONE MC-1 D		YIELD RA-2		MAXIMUM SPEED 60 km/h AHEAD WB-9		ZIPPER MERGE AHEAD
	TRAFFIC		TEMPORARY LANE CLOSED AHEAD (RIGHT VERSION) TC-5R		CONSTRUCTION ENDS TC-4		SPEED FINES DOUBLE MR-179		MAXIMUM SPEED 60 MAXIMUM SPEED 60 km/h RB-1		ZIPPER MERGE USE BOTH LANES
	WARNING FLAGS		TEMPORARY LANE CLOSED AHEAD (LEFT VERSION) TC-5L		KEEP RIGHT RB-25R				MAXIMUM SPEED 80 MAXIMUM SPEED 80 km/h RB-1		ZIPPER MERGE TAKE TURNS MERGING
	CHANNELIZATION BARREL TC-63		DOUBLE ARROW WITH RIGHT TURN LANE WD-A17R		KEEP LEFT RB-25L				MAXIMUM SPEED 60 MAXIMUM SPEED 60 km/h AHEAD RB-5		
	TALL CONE (POLY POST)		DOUBLE ARROW WITH LEFT TURN LANE WD-A17L								
	REFLECTORIZED LIGHT BARRICADE		ROAD DIVERSION (RIGHT VERSION) TC-13R								
	SIGNALIZED INTERSECTION		REDUCED SPEED - 20 km/h								

**GENERAL NOTES**

- ALL TEMPORARY SIGNAGE AND SIGN PLACEMENT TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF TEMPORARY TRAFFIC CONTROL ON CITY STREETS.
- CONTRACTOR TO MAINTAIN ONE LANE OF TRAFFIC ON LAGIMODIERE BOULEVARD AND FERMOR AVENUE AT ALL TIMES.
- ALL ASPHALT PAVING TO BE COMPLETED DURING OFF PEAK HOURS TO LIMIT TRAFFIC DISRUPTION. ANY MODIFICATIONS TO PAVING SCHEDULE TO BE APPROVED BY THE CONTRACT ADMINISTRATOR AND PUBLIC WORKS PROJECT MANAGER.
- THE CONTRACTOR IS ADVISED THAT MATERIAL DELIVERIES AND CONCRETE POURS MUST OCCUR IN OFF PEAK HOURS IN BOTH DIRECTIONS.
- PROPERLY EQUIPPED FLAG PERSONS WILL BE REQUIRED WHEN MOVING ANY CONSTRUCTION VEHICLE INTO OR OUT OF TRAFFIC.
- CONTRACTOR TO HAVE FLAG PERSONS AT ALL SIDE STREET UPSTREAM INTERSECTIONS DURING ASPHALT PAVING.
- CONTRACTOR TO MAINTAIN ACCESS TO ALL SIDE STREETS, PRIVATE APPROACHES AT ALL TIMES. ANY DISRUPTION TO BE APPROVED BY THE CONTRACT ADMINISTRATOR AND THE CONTRACTOR IS TO ADVISE THE OWNER.
- MAINTAIN PEDESTRIAN CROSSINGS AT ALL TIMES. TEMPORARY RAMPS TO BE PROVIDED IF CROSSING IS UNDER CONSTRUCTION ON LAGIMODIERE BOULEVARD AND ALL SIDE STREET CROSSINGS.
- POSTED SPEED ON LAGIMODIERE BOULEVARD AND FERMOR AVENUE IS 80 km/hr. CORRESPONDING DISTANCES TO BE USED FROM THE MANUAL OF TEMPORARY TRAFFIC CONTROL ON CITY STREETS.

**DRAWING LIST**

No.	DESCRIPTION
1	DRAWING LIST, LEGEND AND GENERAL NOTES
<b>STAGE 1 - DETOUR CONSTRUCTION</b>	
2	LAGIMODIERE BOULEVARD (1 OF 3)
3	LAGIMODIERE BOULEVARD (2 OF 3)
4	FERMOR AVENUE (3 OF 3)
<b>STAGE 2 - VALVE PIT 139</b>	
5	LAGIMODIERE BOULEVARD (1 OF 3)
6	LAGIMODIERE BOULEVARD (2 OF 3)
7	FERMOR AVENUE (3 OF 3)
<b>STAGE 3 - VALVE PIT 138</b>	
8	LAGIMODIERE BOULEVARD (1 OF 3)
9	LAGIMODIERE BOULEVARD (2 OF 3)
10	FERMOR AVENUE (3 OF 3)

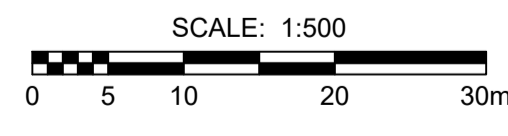
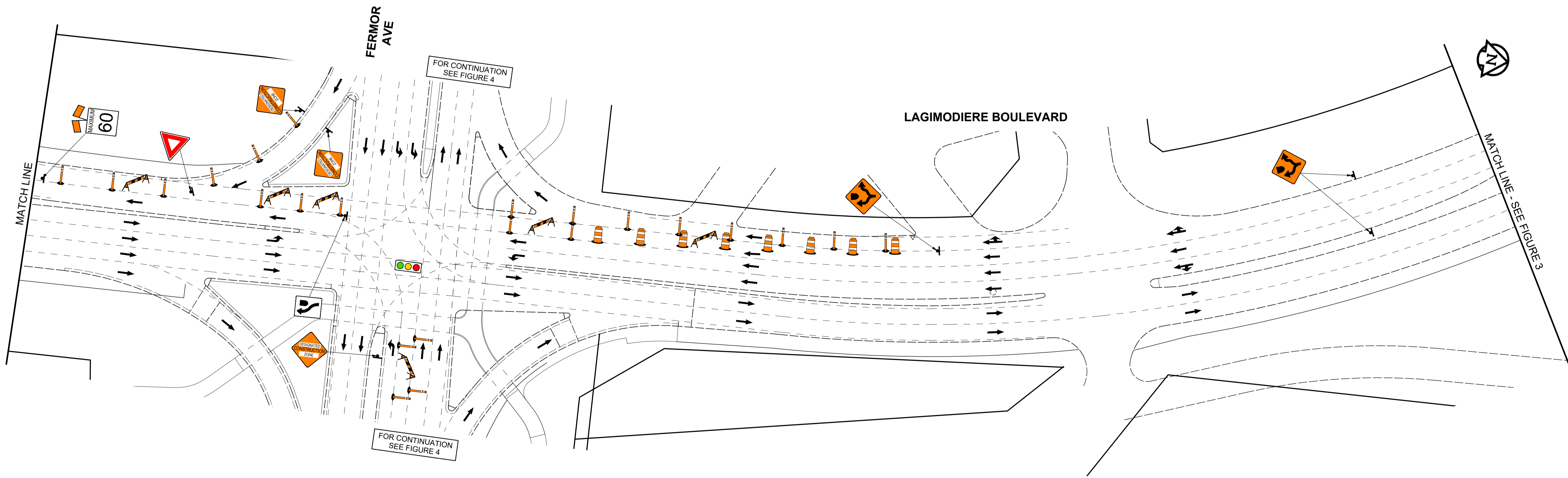
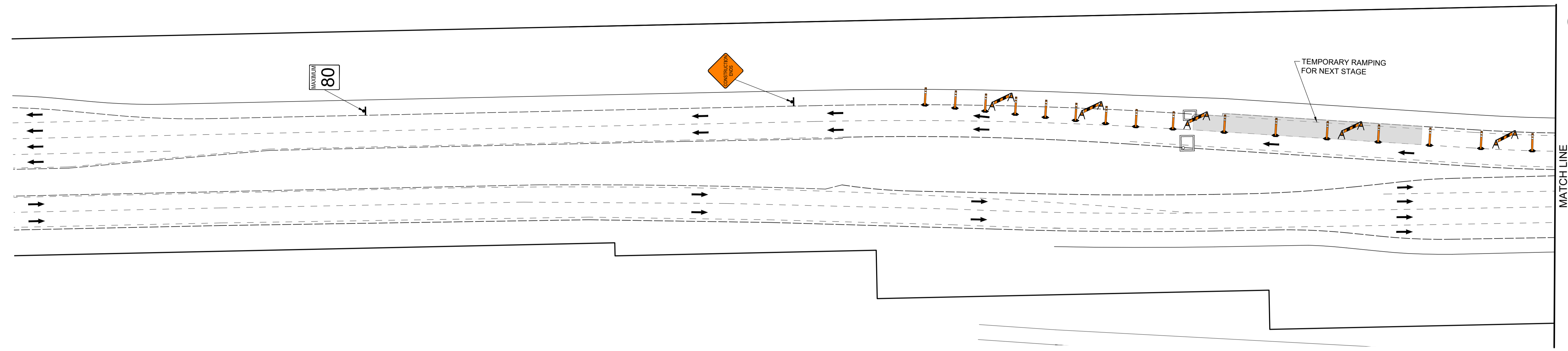
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DRAWING LIST, LEGEND AND GENERAL NOTES  
FIGURE 1

**CITY OF WINNIPEG**  
**WATER AND WASTE DEPARTMENT**  
**FEEDER MAIN VALVE CHAMBER REHABILITATION**  
**VALVE PIT 138 AND 139**  
**TRAFFIC SIGNAGE & STAGING**

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LAGIMODIERE BOULEVARD



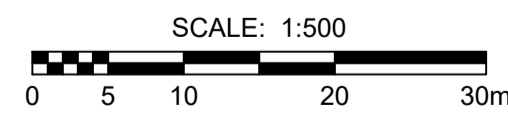
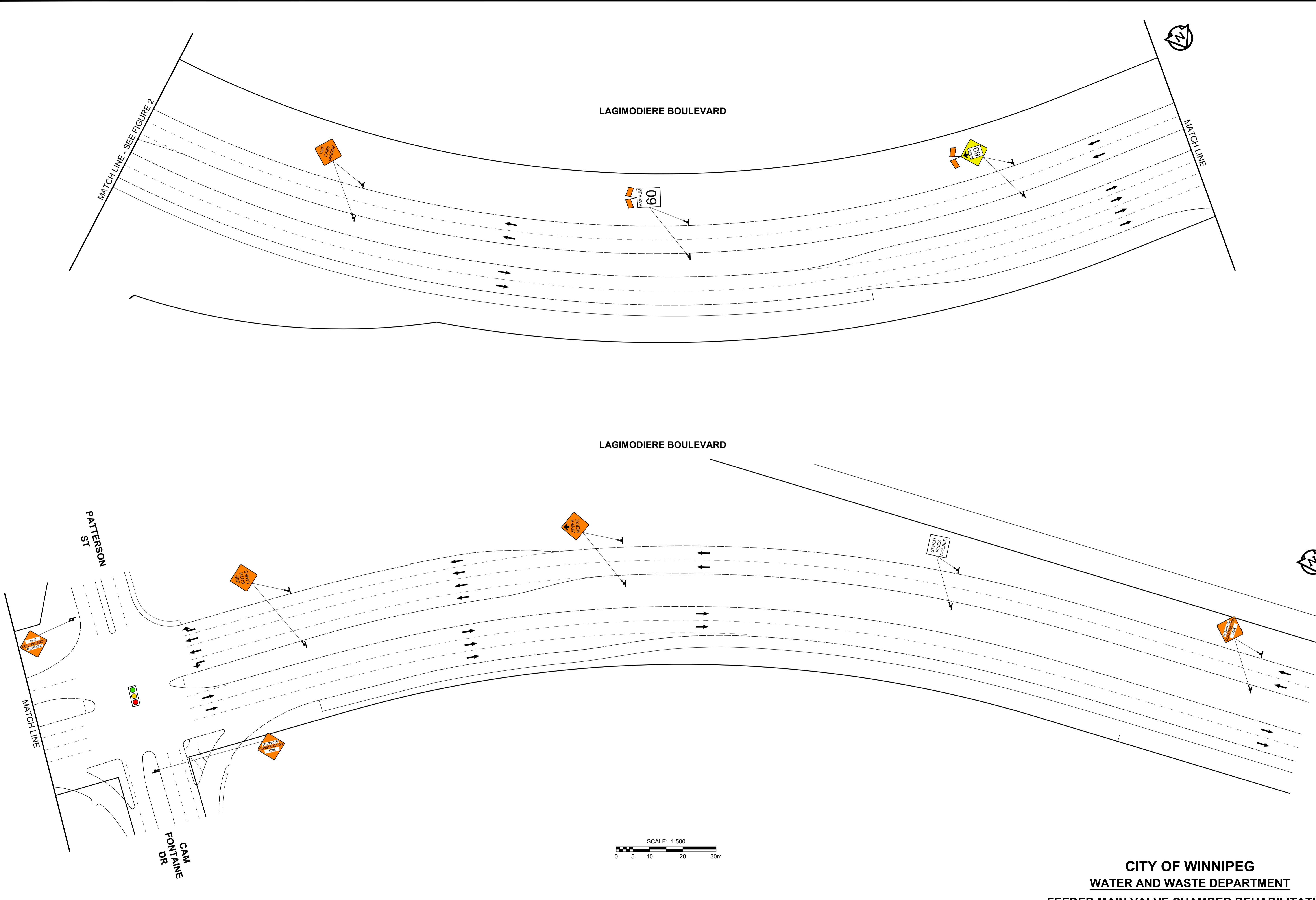
ISSUED FOR CONSTRUCTION

STAGE 1 - DETOUR CONSTRUCTION  
LAGIMODIERE BOULEVARD (1 OF 3)  
FIGURE 2

CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
FEEDER MAIN VALVE CHAMBER REHABILITATION  
VALVE PIT 138 AND 139  
TRAFFIC SIGNAGE & STAGING



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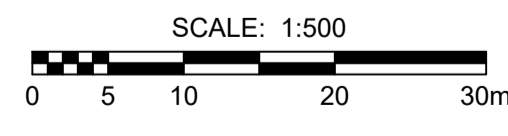
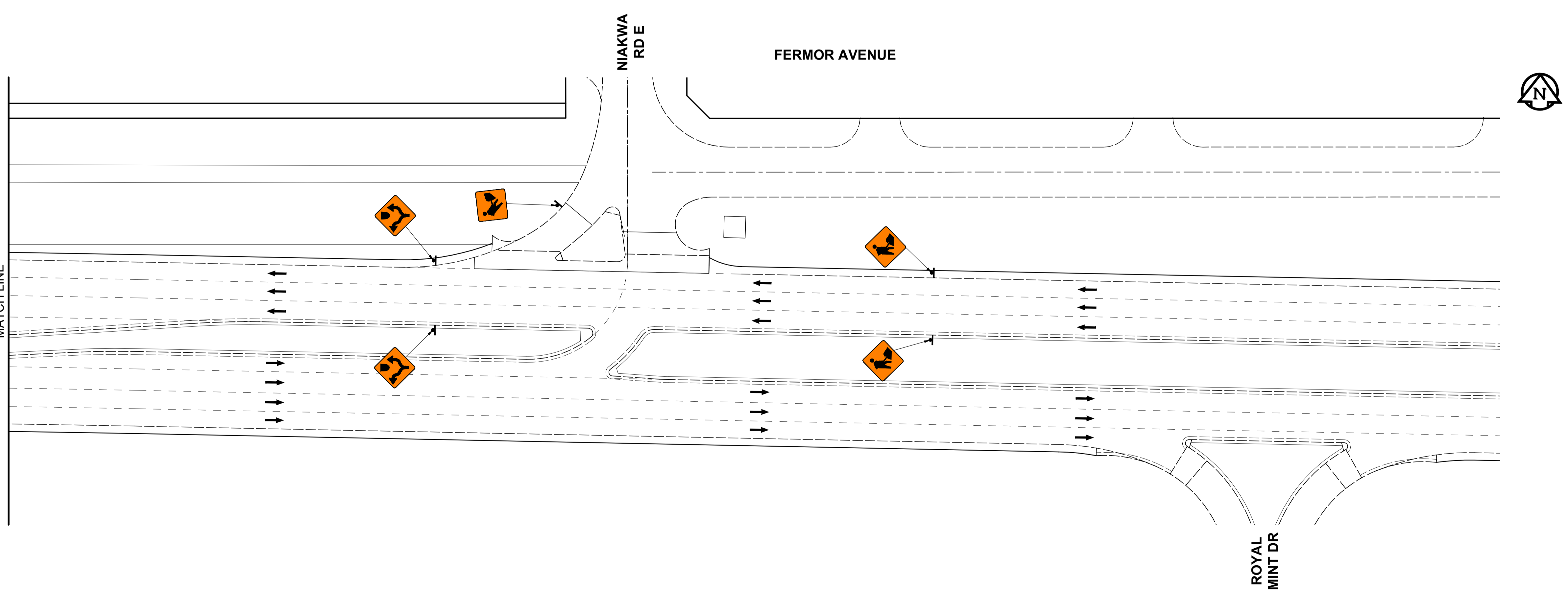
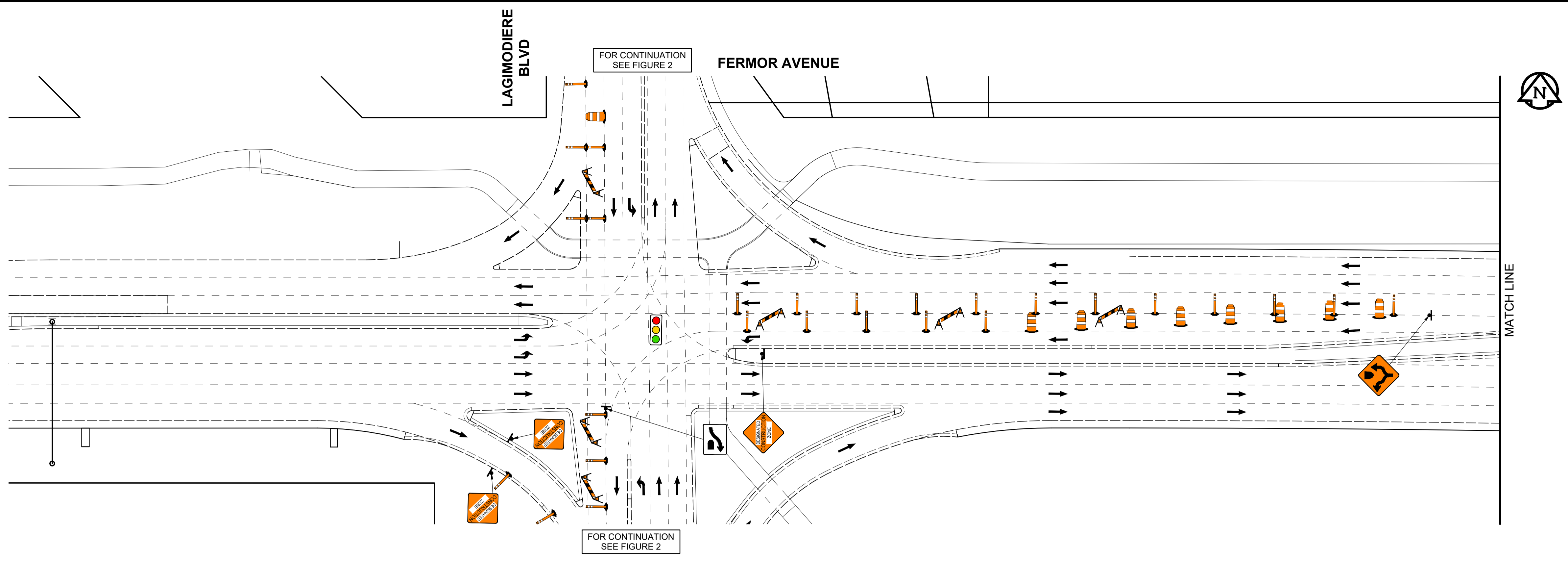
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STAGE 1 - DETOUR CONSTRUCTION  
LAGIMODIERE BOULEVARD (2 OF 3)  
FIGURE 3

CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
FEEDER MAIN VALVE CHAMBER REHABILITATION  
VALVE PIT 138 AND 139  
TRAFFIC SIGNAGE & STAGING



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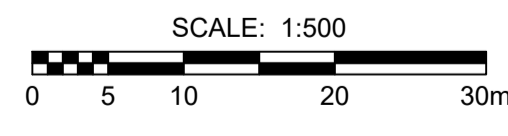
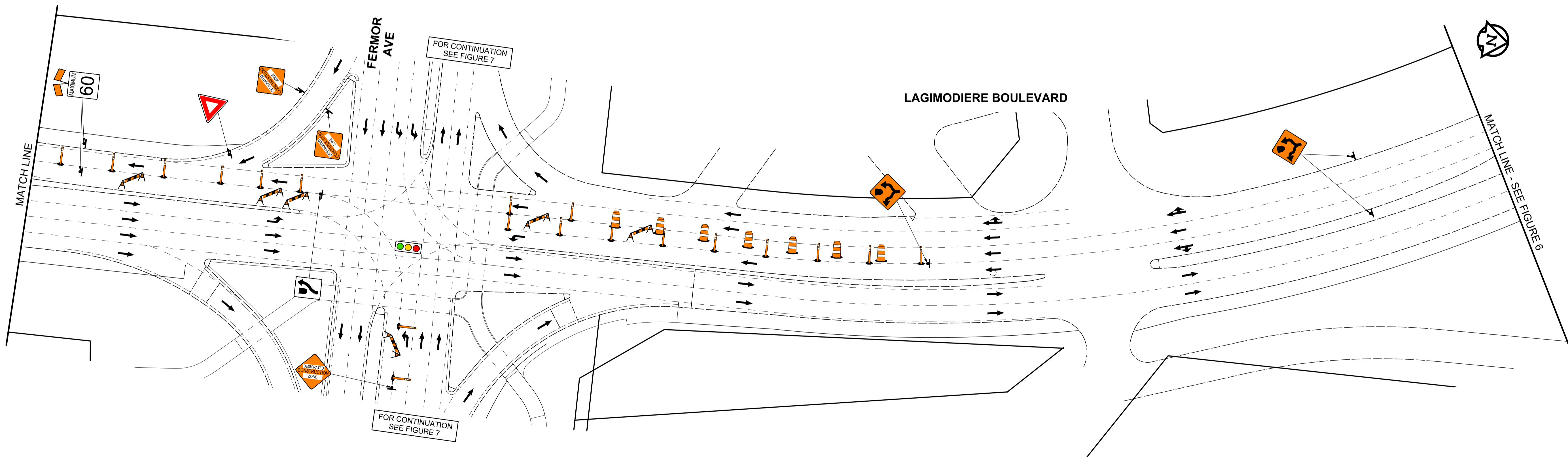
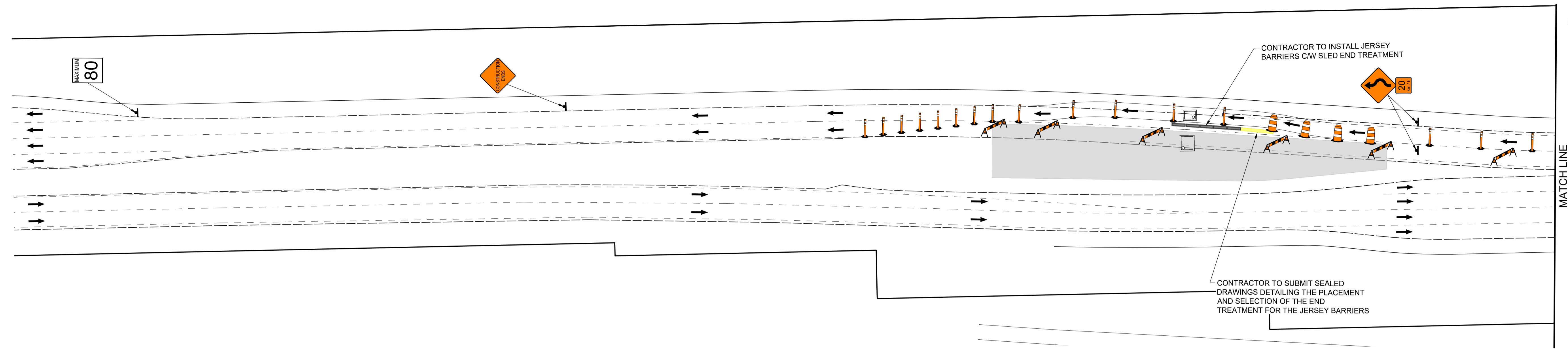
STAGE 1 - DETOUR CONSTRUCTION  
FERMOR AVENUE (3 OF 3)  
FIGURE 4

CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
FEEDER MAIN VALVE CHAMBER REHABILITATION  
VALVE PIT 138 AND 139  
TRAFFIC SIGNAGE & STAGING



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# LAGIMODIERE BOULEVARD



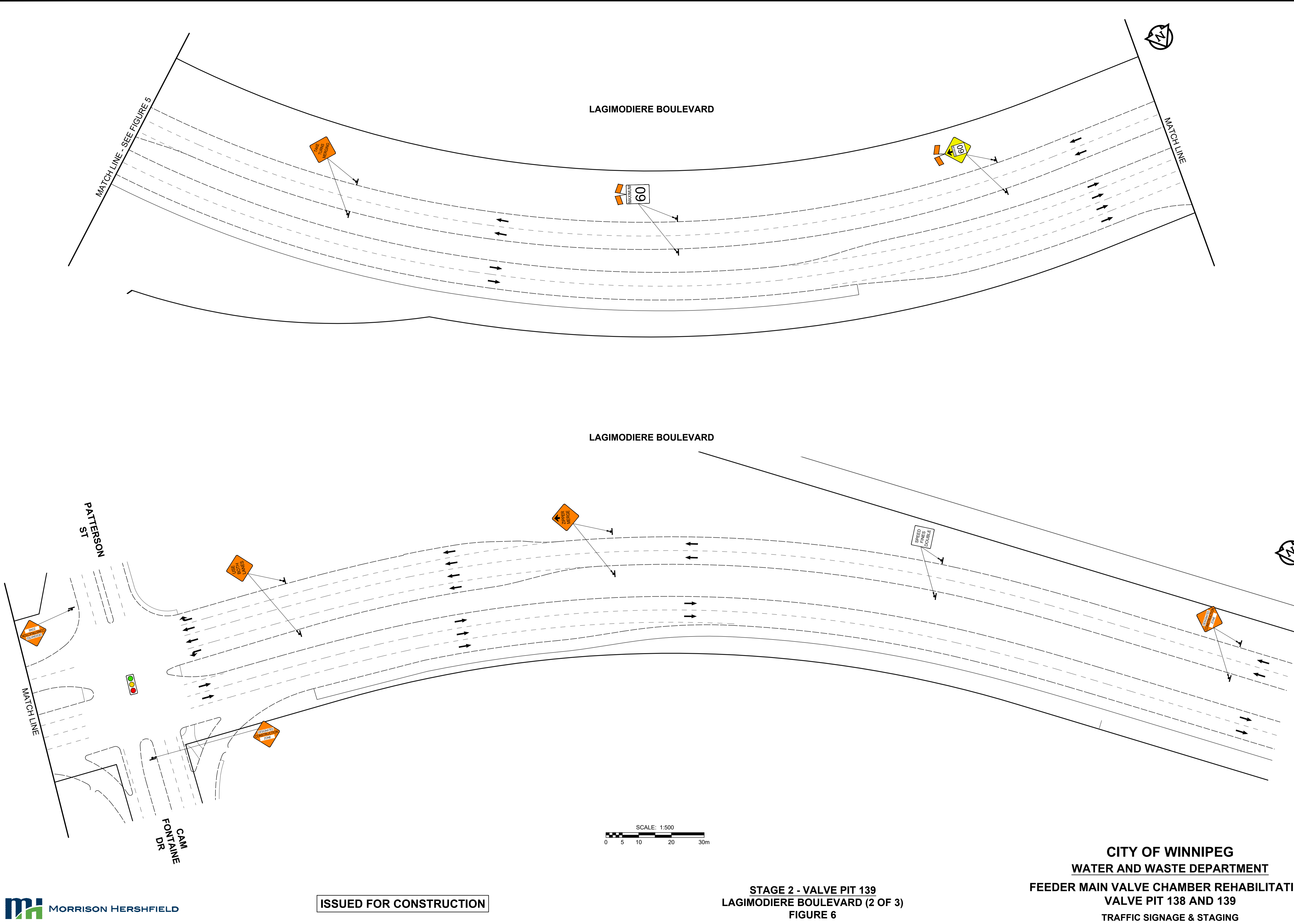
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STAGE 2 - VALVE PIT 139  
LAGIMODIERE BOULEVARD (1 OF 3)  
FIGURE 5

**CITY OF WINNIPEG**  
**WATER AND WASTE DEPARTMENT**  
**FEEDER MAIN VALVE CHAMBER REHABILITATION**  
**VALVE PIT 138 AND 139**  
**TRAFFIC SIGNAGE & STAGING**



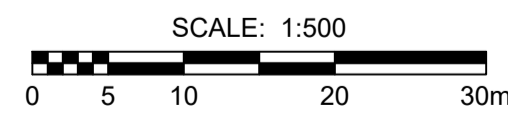
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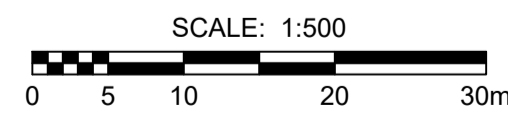
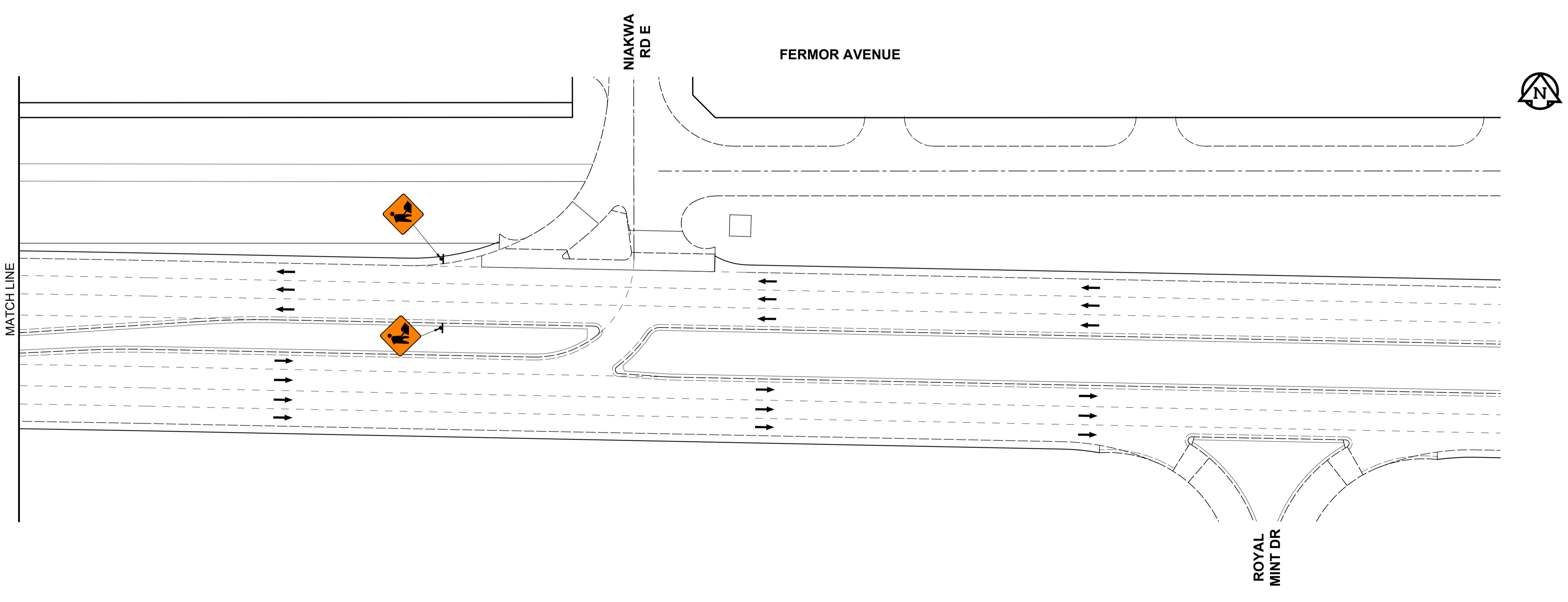
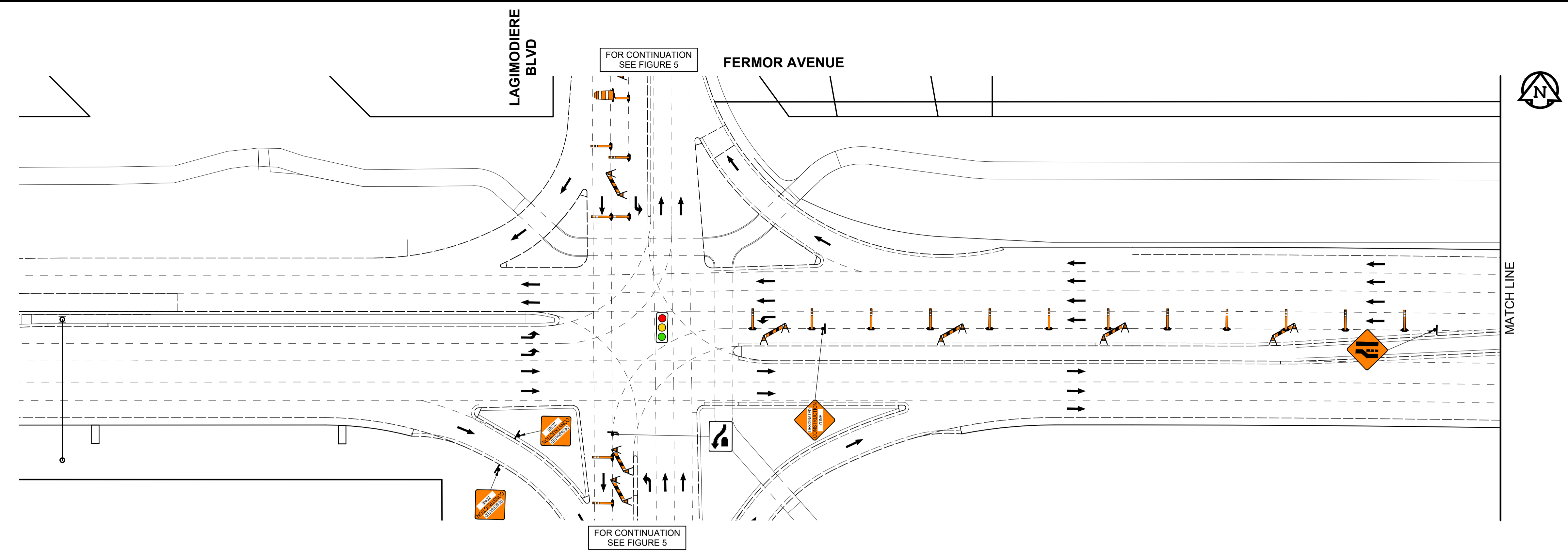
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STAGE 2 - VALVE PIT 139  
LAGIMODIERE BOULEVARD (2 OF 3)  
FIGURE 6

**CITY OF WINNIPEG**  
**WATER AND WASTE DEPARTMENT**  
**FEEDER MAIN VALVE CHAMBER REHABILITATION**  
**VALVE PIT 138 AND 139**  
**TRAFFIC SIGNAGE & STAGING**



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STAGE 2 - VALVE PIT 139  
FERMOR AVENUE (3 OF 3)  
FIGURE 7

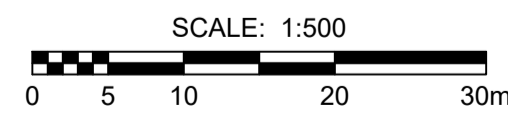
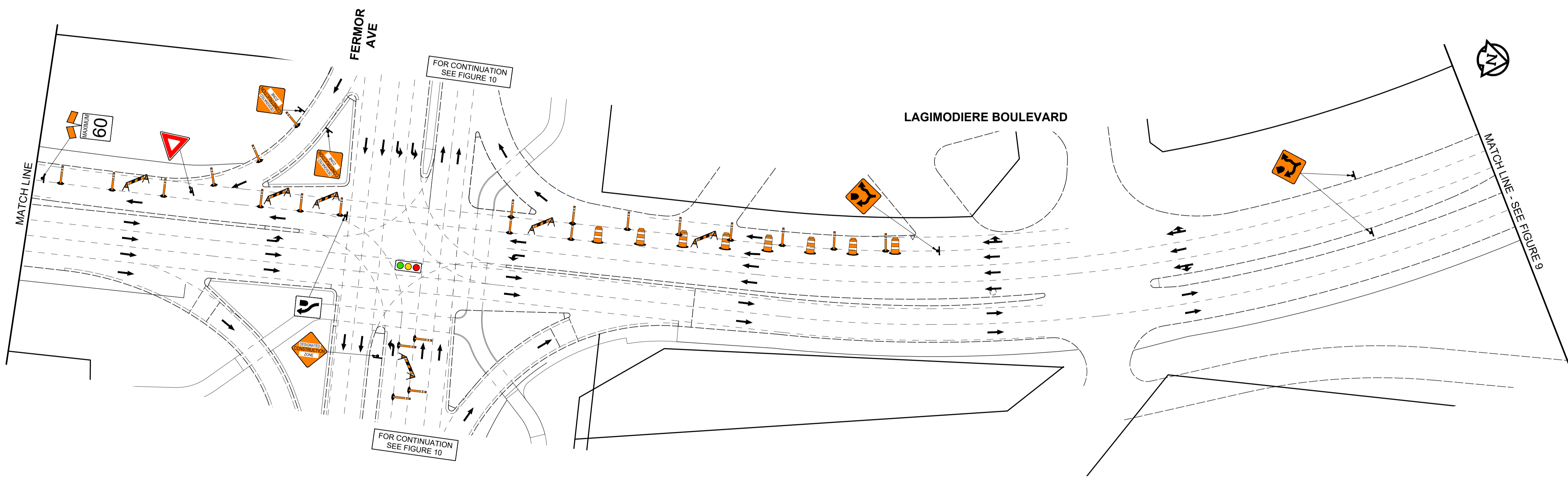
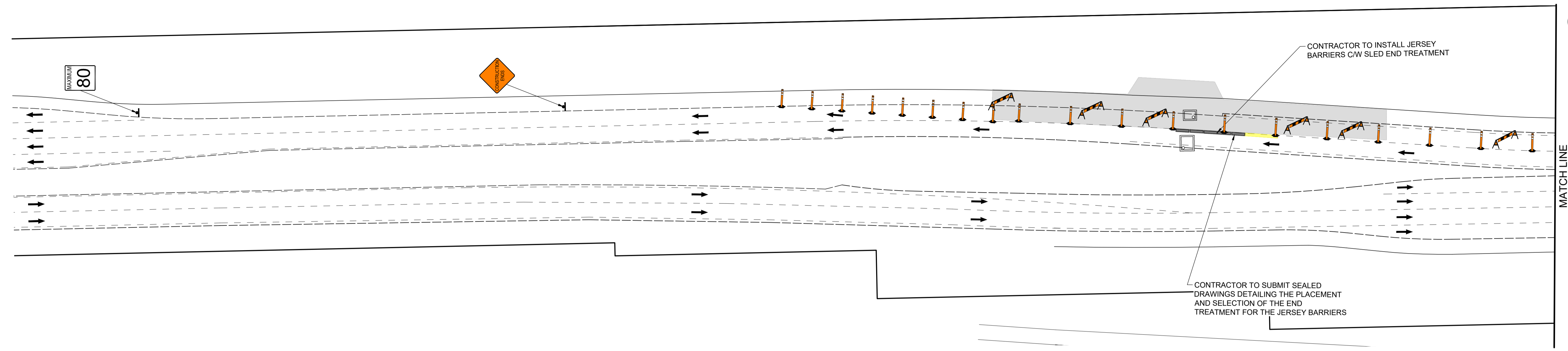
**CITY OF WINNIPEG**  
**WATER AND WASTE DEPARTMENT**  
**FEEDER MAIN VALVE CHAMBER REHABILITATION**  
**VALVE PIT 138 AND 139**  
**TRAFFIC SIGNAGE & STAGING**





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# LAGIMODIERE BOULEVARD



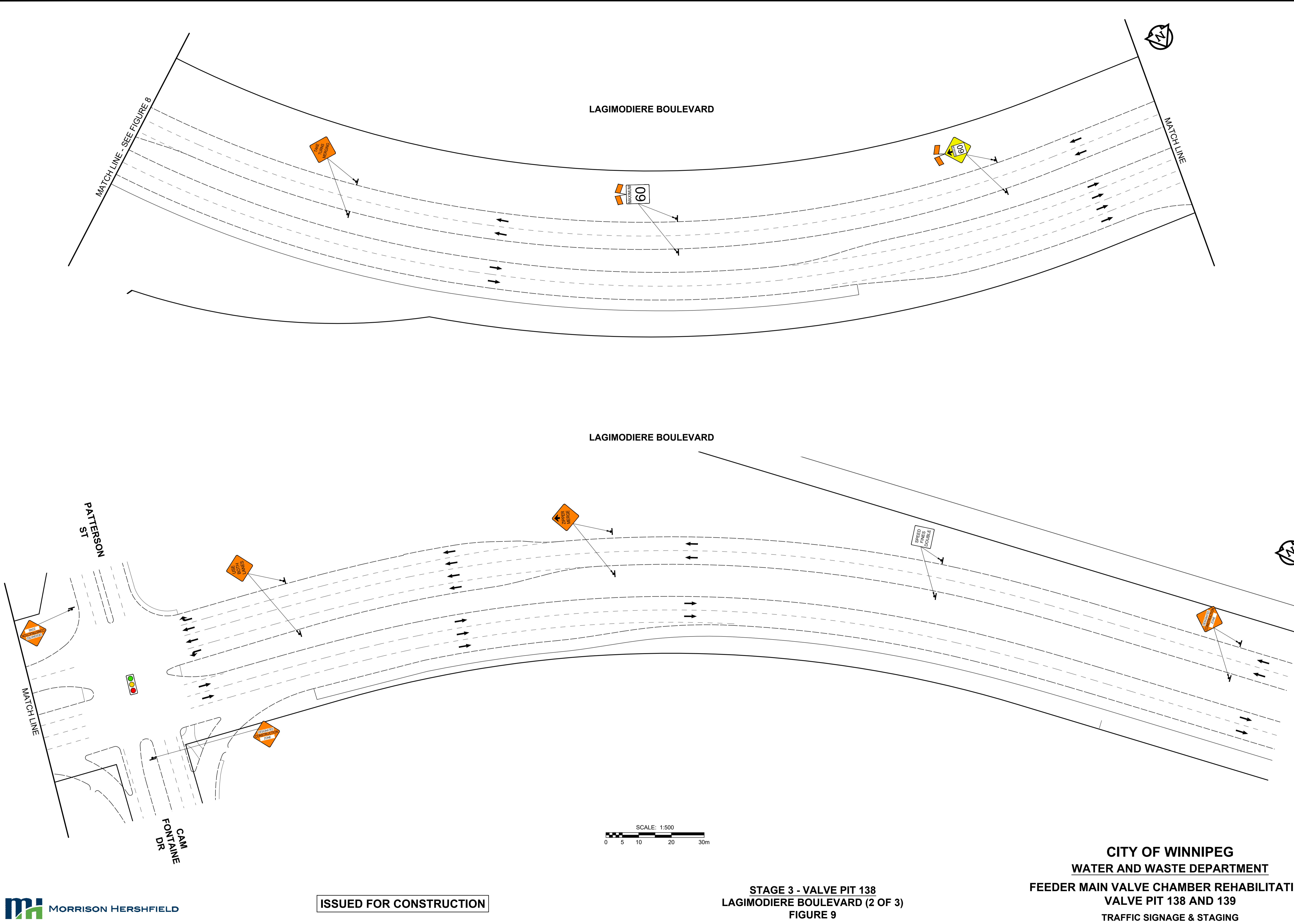
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STAGE 3 - VALVE PIT 138  
LAGIMODIERE BOULEVARD (1 OF 3)  
FIGURE 8

CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
FEEDER MAIN VALVE CHAMBER REHABILITATION  
VALVE PIT 138 AND 139  
TRAFFIC SIGNAGE & STAGING



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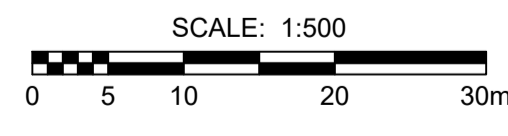


LAGIMODIERE BOULEVARD

LAGIMODIERE BOULEVARD

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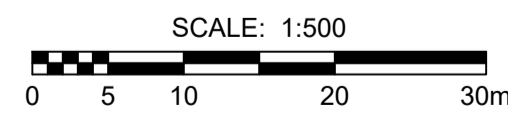
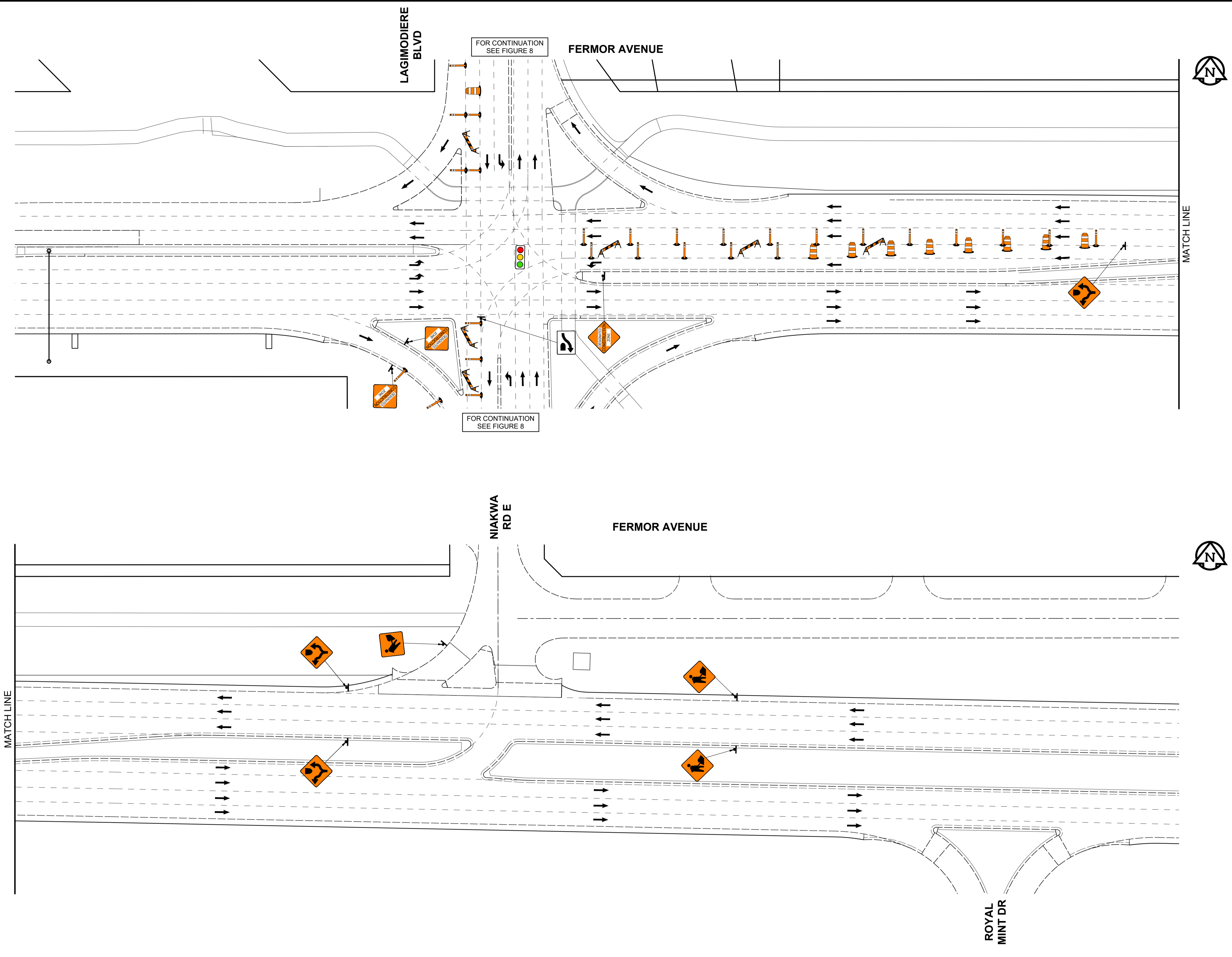
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STAGE 3 - VALVE PIT 138  
LAGIMODIERE BOULEVARD (2 OF 3)  
FIGURE 9

**CITY OF WINNIPEG**  
**WATER AND WASTE DEPARTMENT**  
**FEEDER MAIN VALVE CHAMBER REHABILITATION**  
**VALVE PIT 138 AND 139**  
**TRAFFIC SIGNAGE & STAGING**



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STAGE 3 - VALVE PIT 138  
FERMOR AVENUE (3 OF 3)  
FIGURE 10

CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT  
FEEDER MAIN VALVE CHAMBER REHABILITATION  
VALVE PIT 138 AND 139  
TRAFFIC SIGNAGE & STAGING

