

CENTERPORT SOUTH REGIONAL WATER AND WASTEWATER SERVICING CONTRACT 2A – FORCE MAIN

RM OF ROSSER CONSTRUCTION MANAGEMENT PLAN



KEY MAP

TMP-201: STURGEON ROAD CLOSURE

1. THE 450mm FORCE MAIN WILL BE INSTALLED BY OPEN CUT METHODS BENEATH STURGEON ROAD, JUST SOUTH OF FOUR MILE ROAD (SELKIRK AVENUE) WITHIN CITY OF WINNIPEG LIMITS.
2. TEMPORARY TRAFFIC CONTROL MEASURES AND ADVANCED INFORMATION SIGNAGE ARE REQUIRED NORTH OF THE WORKS (WITHIN RM OF ROSSER AND MTI JURISDICTION) AND SOUTH OF THE WORKS (WITHIN CITY OF WINNIPEG JURISDICTION), AS SHOWN ON SHEET 2 OF THIS DOCUMENT.
3. THE CONTRACTOR MUST SUBMIT ANY MODIFICATIONS TO THESE PLANS TO THE CONTRACT ADMINISTRATOR FOR REVIEW 15 BUSINESS DAYS PRIOR TO COMMENCING THE WORK.

TMP-202: RED FIFE ROAD CLOSURE

1. THE 450mm FORCE MAIN WILL BE INSTALLED BY OPEN CUT METHODS BENEATH RED RIFE ROAD, BETWEEN BERGEN CUTOFF ROAD AND OAK POINT HIGHWAY.
2. THE CONTRACTOR MUST MAINTAIN UNINTERRUPTED VEHICULAR ACCESS TO ALL NEARBY BUSINESSES.
3. TEMPORARY TRAFFIC CONTROL MEASURES ARE REQUIRED FOR EACH PHASE OF THE WORK AS SHOWN ON SHEET 3 OF THIS DOCUMENT.
4. THE CONTRACTOR MUST SUBMIT ANY MODIFICATIONS TO THESE PLANS TO THE CONTRACT ADMINISTRATOR FOR REVIEW 15 BUSINESS DAYS PRIOR TO COMMENCING THE WORK.
5. THE CONTRACT ADMINISTRATOR WILL COORDINATE WITH THE CONTRACTOR TO NOTIFY BUSINESSES AFFECTED BY CONSTRUCTION. NOTICE MUST BE PROVIDED MINIMUM 48 HOURS IN ADVANCE OF EACH NEW PHASE OF TRAFFIC CONTROL. DIRECTLY AFFECTED BUSINESSES INCLUDE:
 - 5.1. 49 NORTH LUBRICANTS
 - 5.2. NATIONAL RESEARCH COUNCIL OF CANADA
 - 5.3. GENERAL AGGREGATE EQUIPMENT SALES

PROJECT CONTACT INFORMATION:

1. CITY OF WINNIPEG PROJECT MANAGER: TIM TURZAK
 - 1.1. TTURZAK@WINNIPEG.CA
 - 1.2. 1-204-986-3760
2. CONTRACT ADMINISTRATOR: TRISTAN ELDRIDGE (KGS GROUP)
 - 2.1. TELDRIDGE@KGSGROUP.COM
 - 2.2. 1-204-896-1209

EMERGENCY PROCEDURES:

1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FIRE HYDRANTS WITHIN THE WORK AREA FOR THE DURATION OF CONSTRUCTION.
 - 1.1. NO EQUIPMENT, MATERIALS OR SOIL STOCKPILES SHALL BE PLACED WITHIN 5m OF A FIRE HYDRANT
2. PRIOR TO COMMENCEMENT, THE CONTRACTOR SHALL SUBMIT A PLAN TO THE CONTRACT ADMINISTRATOR INDICATING HOW EMERGENCY VEHICLES WILL BE ABLE TO ACCESS ALL NEARBY BUSINESSES AND FIRE HYDRANTS WITHIN THE WORK AREA IF REQUIRED DURING CONSTRUCTION

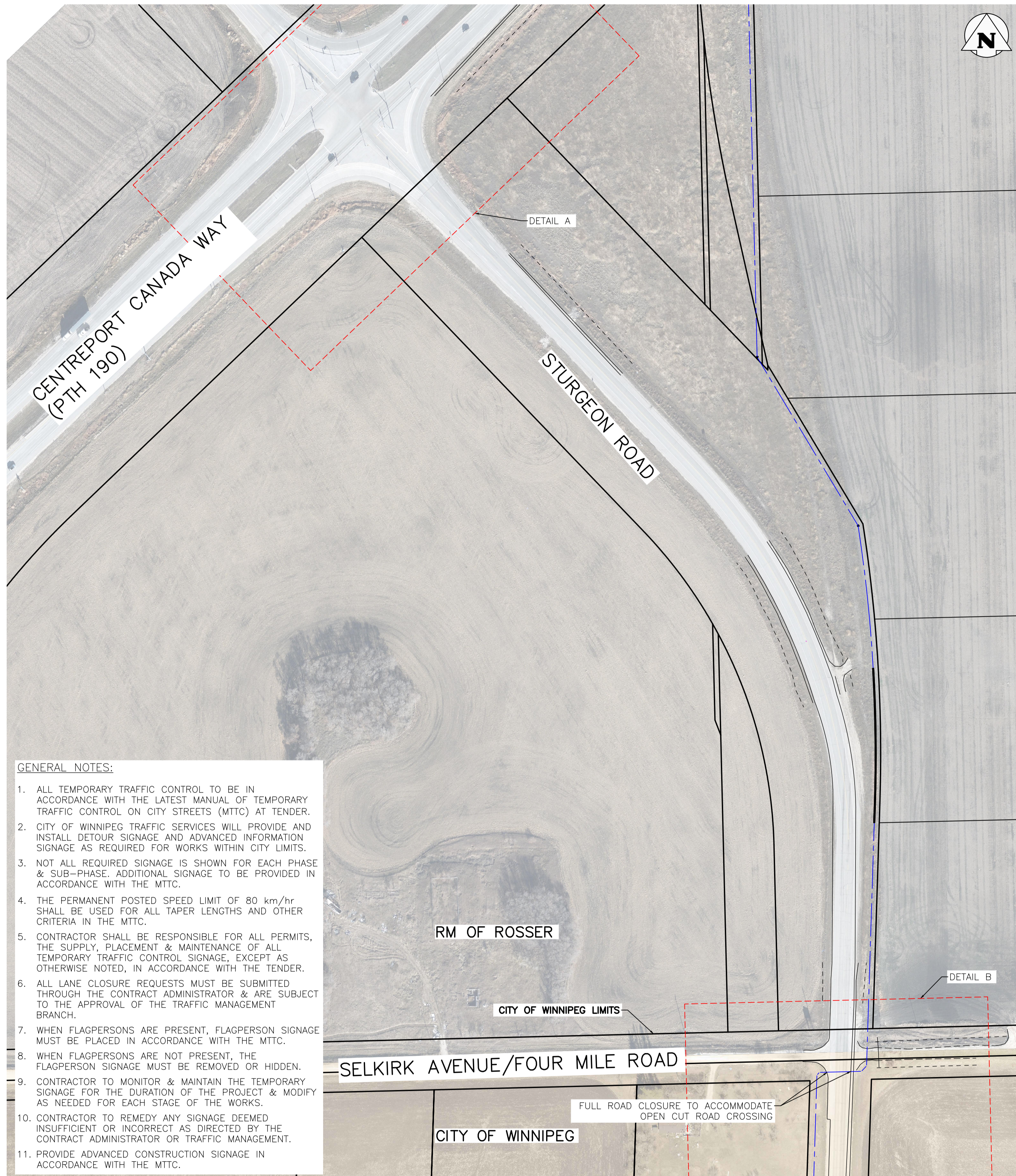
Rev A

SHEET 1 OF 3

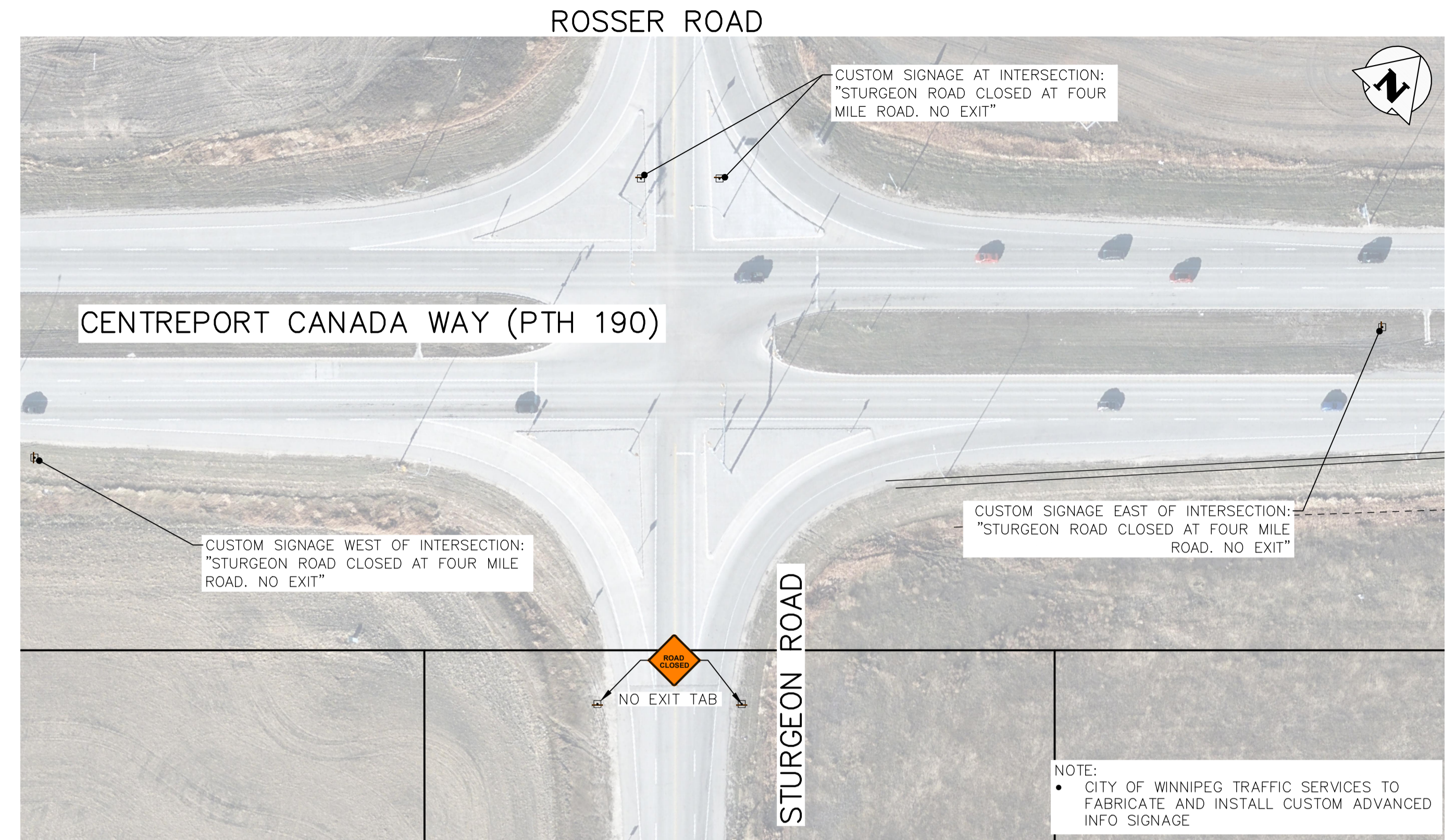
CITY DRAWING NUMBER

TMP-200

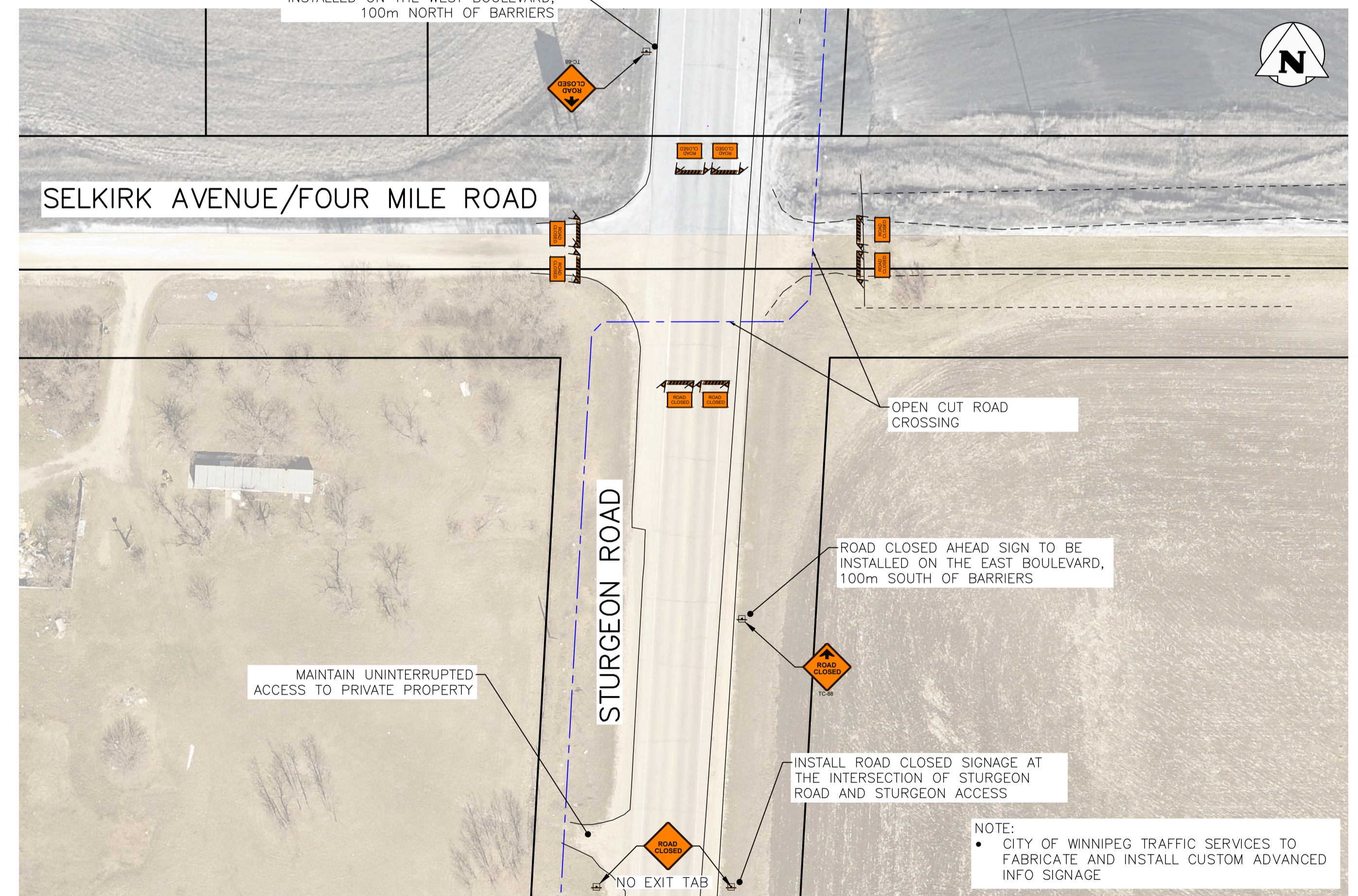
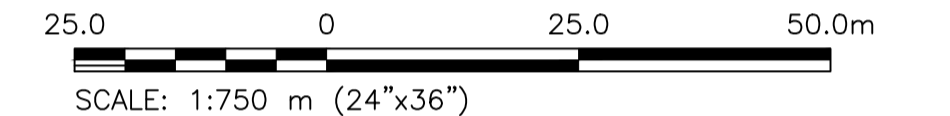




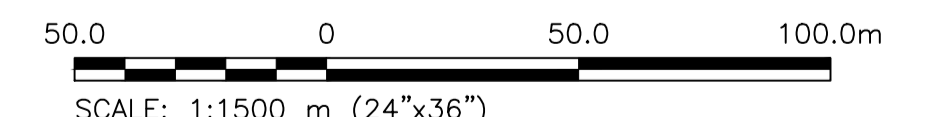
- GENERAL NOTES:**
1. ALL TEMPORARY TRAFFIC CONTROL TO BE IN ACCORDANCE WITH THE LATEST MANUAL OF TEMPORARY TRAFFIC CONTROL ON CITY STREETS (MTTC) AT TENDER.
 2. CITY OF WINNIPEG TRAFFIC SERVICES WILL PROVIDE AND INSTALL DETOUR SIGNAGE AND ADVANCED INFORMATION SIGNAGE AS REQUIRED FOR WORKS WITHIN CITY LIMITS.
 3. NOT ALL REQUIRED SIGNAGE IS SHOWN FOR EACH PHASE & SUB-PHASE. ADDITIONAL SIGNAGE TO BE PROVIDED IN ACCORDANCE WITH THE MTTC.
 4. THE PERMANENT POSTED SPEED LIMIT OF 80 km/hr SHALL BE USED FOR ALL TAPER LENGTHS AND OTHER CRITERIA IN THE MTTC.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, THE SUPPLY, PLACEMENT & MAINTENANCE OF ALL TEMPORARY TRAFFIC CONTROL SIGNAGE, EXCEPT AS OTHERWISE NOTED, IN ACCORDANCE WITH THE MTTC.
 6. ALL LANE CLOSURE REQUESTS MUST BE SUBMITTED THROUGH THE CONTRACT ADMINISTRATOR & ARE SUBJECT TO THE APPROVAL OF THE TRAFFIC MANAGEMENT BRANCH.
 7. WHEN FLAGPERSONS ARE PRESENT, FLAGPERSON SIGNAGE MUST BE PLACED IN ACCORDANCE WITH THE MTTC.
 8. WHEN FLAGPERSONS ARE NOT PRESENT, THE FLAGPERSON SIGNAGE MUST BE REMOVED OR HIDDEN.
 9. CONTRACTOR TO MONITOR & MAINTAIN THE TEMPORARY SIGNAGE FOR THE DURATION OF THE PROJECT & MODIFY AS NEEDED FOR EACH STAGE OF THE WORKS.
 10. CONTRACTOR TO REMEDY ANY SIGNAGE DEEMED INSUFFICIENT OR INCORRECT AS DIRECTED BY THE CONTRACT ADMINISTRATOR OR TRAFFIC MANAGEMENT.
 11. PROVIDE ADVANCED CONSTRUCTION SIGNAGE IN ACCORDANCE WITH THE MTTC.



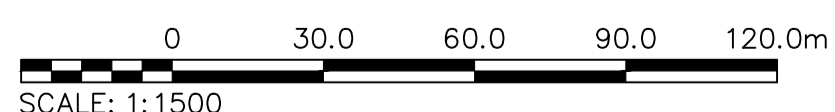
DETAIL A
SCALE = 1:750



DETAIL B
SCALE = 1:500

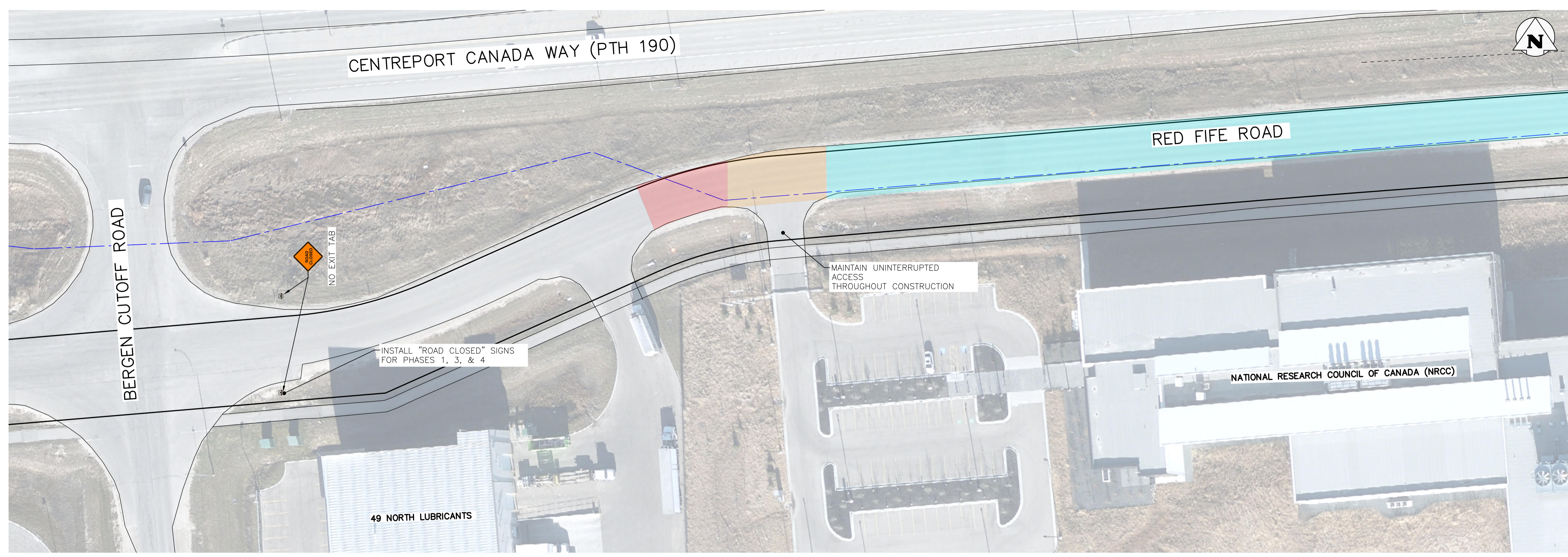


PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

<p>WARNING</p> <p>IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:</p> <p>1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.</p> <p>2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.</p> <p>SEE PROVINCIAL REGULATION 210/72 FOR DETAILS</p>	<p>LOCATION APPROVED</p> <p>UNDERGROUND STRUCTURES</p> <p>SUPV. U/G STRUCTURES COMMITTEE DATE</p> <p>NOTE:</p> <p>LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.</p>	<p>VERTICAL DATUM: CGVD28 (HT2.0 Geoid)</p> <p>HORIZONTAL DATUM: NAD83 (June 1990), Zone 14</p>		<p>ENGINEER'S SEAL</p>		<p>THE CITY OF WINNIPEG</p> <p>WATER AND WASTE DEPARTMENT</p> <p>ENGINEERING DIVISION</p> <p>CENTREPORT SOUTH REGIONAL WATER AND WASTEWATER SERVICING – PHASE 1A CONTRACT 2A – FORCE MAIN</p> <p>STURGEON ROAD</p> <p>CONCEPTUAL TRAFFIC MANAGEMENT PLAN</p>	<p>SHEET 2 OF 3</p> <p>CITY DRAWING NUMBER</p> <p>TMP-201</p>
		<p>DESIGNED BY: O O Y</p> <p>CHECKED BY: G E S</p> <p>DRAWN BY: O O Y</p> <p>APPROVED BY: X X</p> <p>SCALE: HORIZONTAL AS NOTED</p> <p>VERTICAL: X.XXXXXX</p> <p>DATE: 2024 07 04</p> <p>DATE: YYYY/MM/DD</p>	<p>RELEASED FOR CONSTRUCTION</p> <p>F100</p>	<p>CONSULTANT DRAWING NUMBER</p> <p>F100</p>	<p>BID OPP: 220-2024</p> <p>CONTRACT NUMBER: 4A</p> <p>FILE PATH: U:\FMS\23-0107-009\</p> <p>FILE NAME: 23-0107-009_C2A_Forcemain_Rosser_Construction_Plan.dwg</p>		



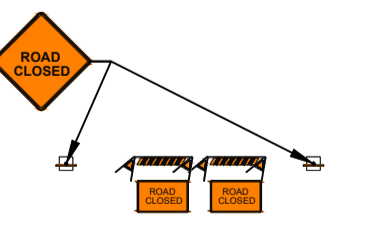
GENERAL NOTES:

1. THIS DRAWING PROVIDES CONCEPTUAL TRAFFIC PHASING THAT COULD BE IMPLEMENTED TO COMPLETE THE FORCE MAIN INSTALLATION BENEATH RED FIFE ROAD. THE CONTRACTOR MAY PROPOSE ALTERNATE TRAFFIC CONTROL MEASURES AND PHASING, BUT THESE MUST BE SUBMITTED TO THE CONTRACT ADMINISTRATOR FOR REVIEW MINIMUM 15 WORKING DAYS PRIOR TO INTENDED COMMENCEMENT DATE.
2. CONTRACTOR SHALL NOTIFY THE CONTRACT ADMINISTRATOR 10 BUSINESS DAYS PRIOR TO THE DESIRED IMPLEMENTATION DATE AND AS WELL AS 10 BUSINESS DAYS BEFORE COMMENCING A NEW PHASE OF THE WORK.
3. ALL TEMPORARY TRAFFIC CONTROL TO BE IN ACCORDANCE WITH THE LATEST MANUAL OF TEMPORARY TRAFFIC CONTROL ON CITY STREETS (MTTC) AT TENDER.
4. PERFORM WORK IN PHASES & STAGES TO MINIMIZE IMPACT TO TRAFFIC FLOW.
5. NOT ALL REQUIRED SIGNAGE IS SHOWN FOR EACH PHASE & SUB-PHASE. ADDITIONAL SIGNAGE TO PROVIDED IN ACCORDANCE WITH THE MTTC.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, THE SUPPLY, PLACEMENT & MAINTENANCE OF ALL TEMPORARY TRAFFIC CONTROL SIGNAGE, EXCEPT AS OTHERWISE NOTED, IN ACCORDANCE WITH THE TENDER.
7. ALL LANE CLOSURE REQUESTS MUST BE SUBMITTED THROUGH THE CONTRACT ADMINISTRATOR & ARE SUBJECT TO THE APPROVAL OF THE RM OF ROSSER.
8. WHERE STREETS WILL BE CLOSED TO THROUGH TRAFFIC AND LOCAL ACCESS SHALL BE MAINTAINED, THE CONTRACTOR SHALL SIGN THE STREET "ROAD CLOSED - NO EXIT" IN ACCORDANCE WITH THE MTTC.
8. WHERE STREETS WILL BE CLOSED TO ALL TRAFFIC, THE CONTRACTOR SHALL SIGN THE STREET "ROAD CLOSED" IN ACCORDANCE WITH THE MTTC.
9. CONTRACTOR TO PROVIDE FLAGPERSONS IN ACCORDANCE WITH THE MTTC WHEN MOVING MATERIALS OR EQUIPMENT INTO OR OUT OF TRAFFIC.
10. CONTRACTOR TO MONITOR & MAINTAIN THE TEMPORARY SIGNAGE FOR THE DURATION OF THE PROJECT & MODIFY AS NEEDED FOR EACH STAGE OF THE WORKS.
11. CONTRACTOR TO REMEDY ANY SIGNAGE DEEMED INSUFFICIENT OR INCORRECT AS DIRECTED BY THE CONTRACT ADMINISTRATOR OR RM OF ROSSER.
12. PROVIDE ADVANCED CONSTRUCTION SIGNAGE IN ACCORDANCE WITH THE MTTC.
13. PEDESTRIAN ACCESS TO BE MAINTAINED THROUGHOUT CONSTRUCTION

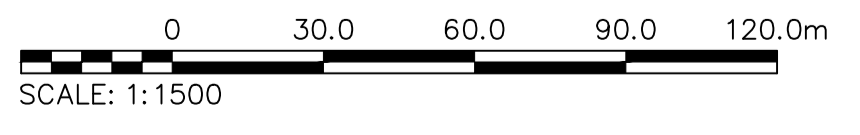
PHASES:

1. FULL CLOSURE OF RED RIFE ROAD FOR OPEN CUT INSTALLATION OF FORCE MAIN BETWEEN NRCC DRIVEWAYS
2. INSTALLATION OF FORCE MAIN BENEATH NRCC DRIVEWAYS BY TRENCHLESS OR ALTERNATE METHOD, ENSURING VEHICULAR ACCESS IS MAINTAINED THROUGH AT LEAST 1 LANE OF THE DRIVEWAY
3. FULL CLOSURE OF RED FIFE ROAD FOR OPEN CUT INSTALLATION OF FORCE MAIN ACROSS ROADWAY
4. FULL CLOSURE OF RED RIFE ROAD FOR OPEN CUT INSTALLATION OF FORCE MAIN EAST OF NRCC DRIVEWAYS

PROVIDE ROAD CLOSED SIGNAGE AND BARRIERS IN ACCORDANCE WITH THE MTTC FOR PHASES 1, 2 AND 4:



PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WARNING
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED UNDERGROUND STRUCTURES
SUPV. U/G STRUCTURES COMMITTEE DATE
NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

VERTICAL DATUM: CGVD28 (HT2.0 Geoid)
HORIZONTAL DATUM: NAD83 (June 1990), Zone 14

NO.	ISSUED FOR TENDER	DATE	DATE	BY
A	ISSUED FOR TENDER	2024/07/04	GTH	
	REVISIONS	DATE (YYYY/MM/DD)	BY	

DESIGNED BY	OOY	CHECKED BY	GES
DRAWN BY	OOY	APPROVED BY	XX
SCALE:	HORIZONTAL AS NOTED		
VERTICAL	X.XXXXXX		
DATE	2024 07 04	DATE	YYYY/MM/DD

ENGINEER'S SEAL
CONSULTANT DRAWING NUMBER
F101

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CENTREPORT SOUTH REGIONAL WATER AND WASTEWATER SERVICING - PHASE 1A CONTRACT 2A - FORCE MAIN

RED FIFE ROAD
CONCEPTUAL TRAFFIC MANAGEMENT PLAN

SHEET 3 OF 3
CITY DRAWING NUMBER
TMP-202