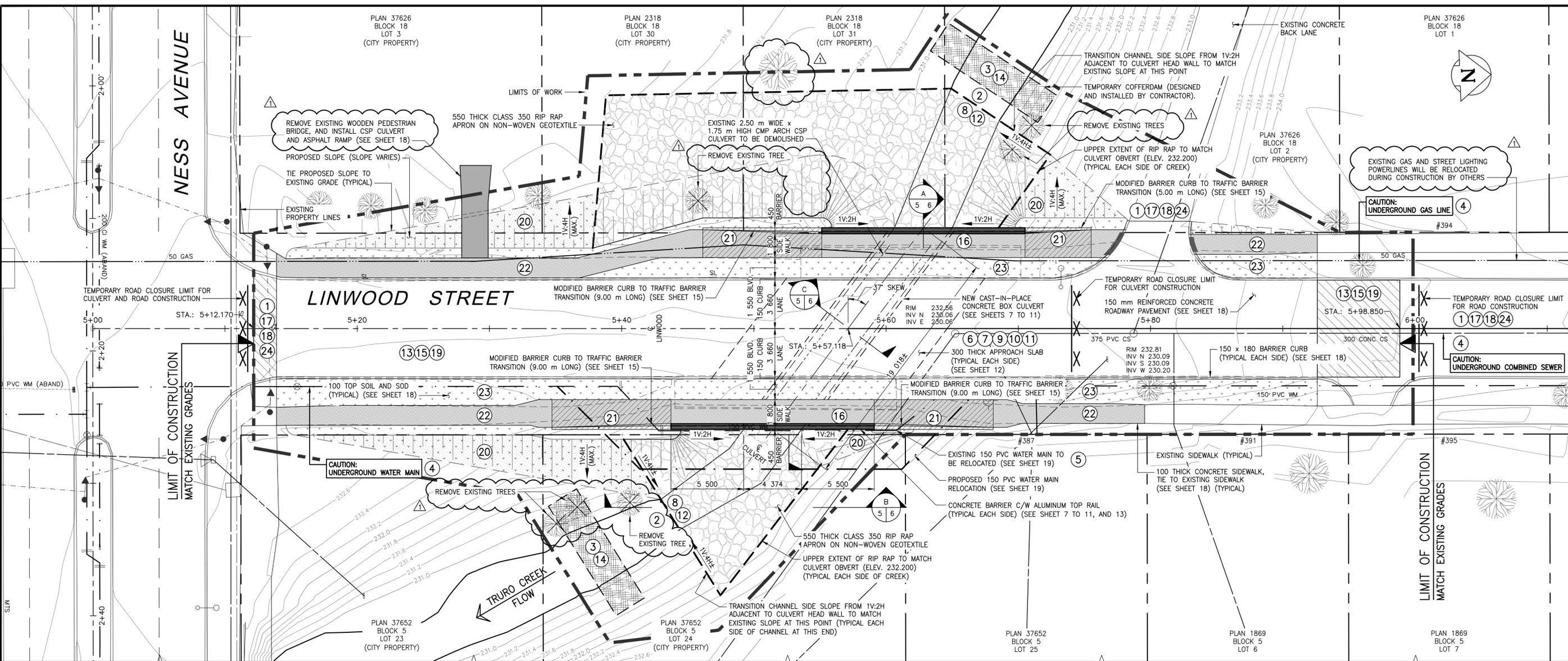


A1 SIZE (594 mm x 841 mm)  
 Plotfile: December 8, 2017 at 12:15:54 PM | Last saved by: Patresenc  
 File: P:\2017\17M-00806-00 - Truro Creek Culvert Replacements\17M-00806-00 Truro Creek Culvert Replacements\MM Drawings\17M-00806-00 Truro Creek Culvert Replacements\DD Linwood 05 06 general arrangement.dwg | Layout: 5 Proposed General Arrangement Plan and Scope of Work  
 SLW



**PROPOSED GENERAL ARRANGEMENT PLAN**



ITEM	DESCRIPTION
<b>WINTER MOBILIZATION</b>	
1	IMPLEMENT TRAFFIC STAGING/ CONTROL MEASURES FOR CULVERT WORKS
2	IMPLEMENT ENVIRONMENTAL CONTROL MEASURES
3	INSTALL TEMPORARY COFFERDAMS UPSTREAM AND DOWNSTREAM OF WORK SITE AND PROVIDE CREEK FLOW MAINTENANCE PUMPING AS REQUIRED
4	SOFT DIG UTILITIES TO CONFIRM LOCATION AND ELEVATION. IMPLEMENT EXISTING UTILITY PROTECTION MEASURES
5	PERFORM WATER MAIN RENEWALS
6	PERFORM EXCAVATION FOR NEW CULVERT
7	REMOVE AND DISPOSE OF EXISTING 2.50 m WIDE x 1.75 m HIGH CMP ARCH CULVERT AND CONCRETE HEADWALLS
8	PERFORM CREEK EXCAVATION AND SLOPE STABILIZATION
9	PREPARE BEARING SURFACE FOR CULVERT AND HEAD WALLS
10	CONSTRUCT CAST-IN-PLACE CULVERT, HEAD WALLS AND WING WALLS
11	BACKFILL EXCAVATION
12	INSTALL RIP RAP ON GEOTEXTILE FABRIC FOR SLOPE STABILIZATION AND EROSION CONTROL
13	INSTALL ROADWAY SUBBASE AND BASE, INCLUDING SUB DRAINS
14	REMOVE TEMPORARY COFFERDAMS UPSTREAM AND DOWNSTREAM
15	INSTALL TEMPORARY GRANULAR DRIVING SURFACE TO MATCH EXISTING GRADE
16	INSTALL ALUMINUM TOP RAIL
17	DEMobilize & REMOVE TRAFFIC CONTROL MEASURES. MAINTAIN GRANULAR DRIVING SURFACE AND EROSION CONTROL MEASURES

ITEM	DESCRIPTION
<b>MAJOR ITEMS OF WORK (CONTINUED)</b>	
<b>SPRING MOBILIZATION</b>	
18	REMOBILIZE & IMPLEMENT TRAFFIC CONTROL MEASURES
19	INSTALL ROADWAY CONCRETE PAVEMENT AND ASPHALT OVERLAY TO FINAL ROADWAY PROFILE
20	INSTALL CLAY CAP AND FINAL GRADE OF ROADWAY EMBANKMENT AND CREEK EMBANKMENTS
21	CONSTRUCT CONCRETE MODIFIED BARRIER CURB TO TRAFFIC BARRIER TRANSITIONS WITH INTEGRAL CONCRETE SIDEWALKS
22	CONSTRUCT CONCRETE SIDEWALKS
23	INSTALL TOP SOIL, SEED AND SOD
24	DEMobilize & REMOVE TRAFFIC STAGING/CONTROL MEASURES

**NOTE**

- SEE SHEET 4 FOR LEGEND.
- SEE SHEET 18 FOR ROAD RECONSTRUCTION DETAILS.
- SEE SHEETS 18 AND 19 FOR EXISTING AND RELOCATED UTILITY DETAILS.
- THE "MAJOR ITEMS OF WORK" LIST IS NOT A COMPREHENSIVE SCOPE OF WORK. REFER TO THE SPECIFICATION AND DRAWINGS FOR FURTHER DETAILS.
- EXISTING CURB INLETS, MANHOLE RIMS AND VALVES AS SHOWN SHALL BE ADJUSTED AS REQUIRED TO CONFORM TO THE ROADWAY GRADES (SEE SHEET 18).

**TRAFFIC CONTROL NOTES**

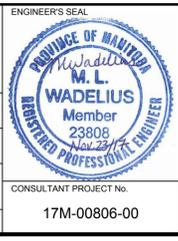
- TRAFFIC CONTROL FOR CULVERT WORKS: IMPLEMENT CLOSURE OF LINWOOD STREET ONLY FOR LIMITS AS REQUIRED WHEN CONSTRUCTING THE CULVERT. MAINTAIN LOCAL ACCESS TO DRIVEWAYS AND EXISTING BACK LANE NORTHWEST OF THE CULVERT AT ALL TIMES.
- LINWOOD STREET SOUTH OF THE CULVERT AND NORTH OF NESS AVENUE MAY BE USED AS A SITE LAYDOWN AREA DURING CULVERT CONSTRUCTION.
- TRAFFIC CONTROL AFTER COMPLETION OF CULVERT WORKS AND PRIOR TO SPRING REMOBILIZATION: RE-OPEN LINWOOD STREET.
- TRAFFIC CONTROL FOR SPRING REMOBILIZATION: IMPLEMENT CLOSURE OF LINWOOD STREET FROM THE NORTH SIDE OF NESS AVENUE TO THE NORTH PROPERTY LINE OF 391 LINWOOD STREET.
- SIDEWALK CLOSED ACROSS THE CREEK.
- MUST MAINTAIN PEDESTRIAN ACCESS TO THE HOUSES.

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



LOCATIONS APPROVED UNDERGROUND STRUCTURES		G.B.M. = TOP NUT OF FIRST HYDRANT SOUTH OF INTERSECTION BETWEEN NESS AVENUE AND LINWOOD STREET	
SIGNED BY:	DATE	ELEV. =	
SUPV. U/G STRUCTURES		233.659	
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			
No.	ISSUED FOR	DATE	BY
1	ISSUED FOR ADDENDUM No. 2	17.12.08	JL
0	ISSUED FOR TENDER	17.11.23	JL
No.	REVISIONS	DATE	BY
		17.11.23	

<b>wsp</b>		WSP Canada Group Limited 93 Lombard Avenue, Suite 111 Winnipeg MB R3B 3B1 T+ 1 204-943-3178 F+ 1 204-943-4948 www.wsp.com	
DESIGNED BY	MLW	CHECKED BY	WC
DRAWN BY	CP	APPROVED BY	JL
HOR. SCALE	1:150	RELEASED FOR CONSTRUCTION	
VERTICAL	1:150		
DATE	17.11.23	DATE	



**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION

**TRURO CREEK CULVERT REPLACEMENT AT LINWOOD STREET**

PROPOSED GENERAL ARRANGEMENT PLAN AND SCOPE OF WORK

CITY DRAWING NUMBER: C321-17-05  
 BID OPPORTUNITY NUMBER: 1014-2017  
 SHEET OF: 5 OF 19  
 REV 1

CONSULTANT PROJECT No. 17M-00806-00