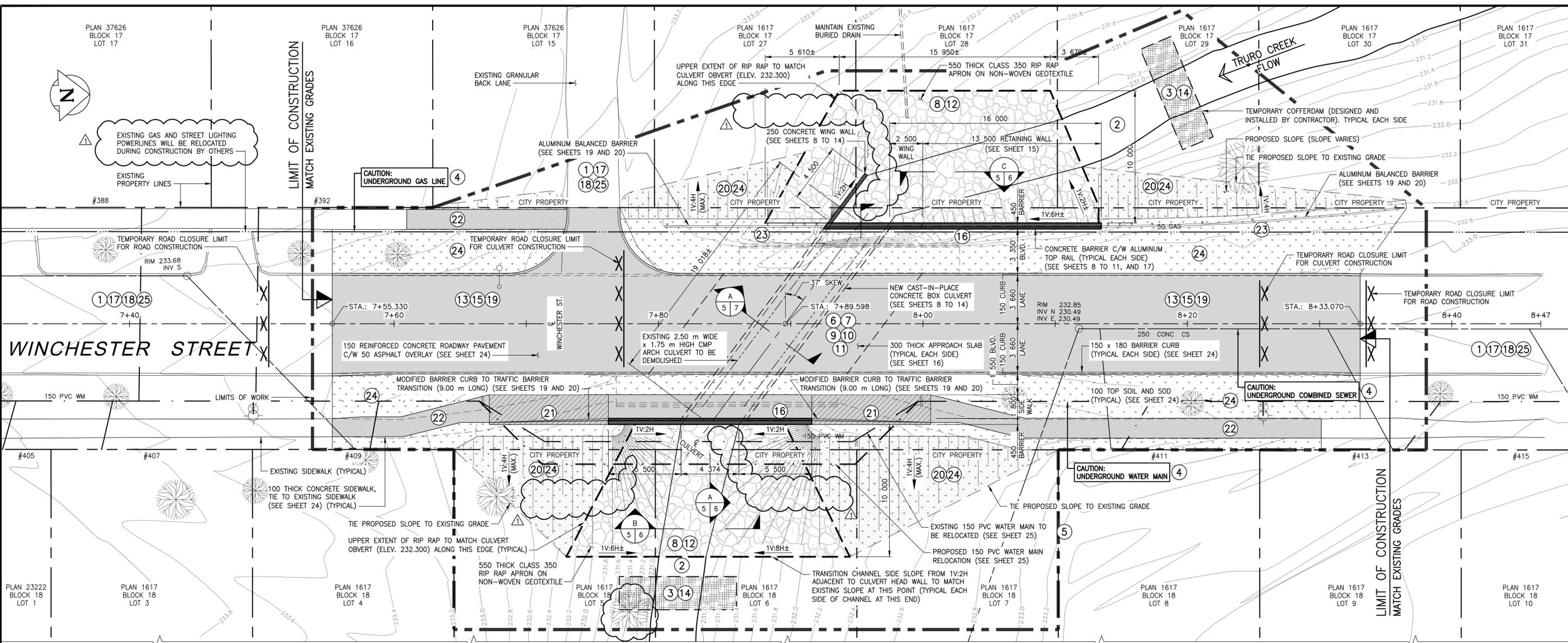


A1 SIZE (594 mm x 841 mm) | Layout: 5 Proposed General Arrangement Plan and Scope of Work | File: P:\2017\17M-00806-00 - Truro Creek Culvert Replacements\17M-00806-00 Truro Creek Culvert Replacements DD Winchester 05-07 general arrangement.dwg | Last saved by: Patresenc | Printed: December 8, 2017 at 12:12:54 PM



PROPOSED GENERAL ARRANGEMENT PLAN



MAJOR ITEMS OF WORK

ITEM	DESCRIPTION
WINTER MOBILIZATION	
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	DEMOLIBLIZE & REMOVE TRAFFIC CONTROL MEASURES. MAINTAIN GRANULAR DRIVING SURFACE AND EROSION CONTROL MEASURES

MAJOR ITEMS OF WORK (CONTINUED)

ITEM	DESCRIPTION
SPRING MOBILIZATION	
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 ALUMINUM BALANCED BARRIERS
24	INSTALL TOP SOIL, SEED AND SOD
25	DEMOLIBLIZE & REMOVE TRAFFIC STAGING/CONTROL MEASURES

NOTE

- SEE SHEET 4 FOR LEGEND.
- SEE SHEET 24 FOR ROAD RECONSTRUCTION DETAILS.
- SEE SHEETS 24 AND 25 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 NEW ROADWAY GRADES (SEE SHEET 24).

TRAFFIC CONTROL NOTES

- TRAFFIC CONTROL FOR CULVERT WORKS: IMPLEMENT CLOSURE OF WINCHESTER STREET ONLY FOR LIMITS AS REQUIRED WHEN CONSTRUCTING THE CULVERT. MAINTAIN LOCAL ACCESS TO DRIVEWAYS AND EXISTING BACK LANE SOUTHWEST 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 WORKS.
- TRAFFIC CONTROL AFTER COMPLETION OF CULVERT WORKS AND PRIOR TO SPRING REMOBILIZATION: RE-OPEN WINCHESTER STREET.
- TRAFFIC CONTROL FOR SPRING REMOBILIZATION: IMPLEMENT CLOSURE OF WINCHESTER STREET FROM NORTH OF THE DRIVEWAY AT 392 WINCHESTER STREET TO THE NORTH EDGE OF THE PROPERTY AT 413 WINCHESTER STREET.
- SIDEWALK CLOSED ACROSS CREEK.
- MUST MAINTAIN PEDESTRIAN ACCESS TO 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 ELEV. = 233.659	
SIGNED BY:	DATE:		
SUPV U/G STRUCTURES			
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	

DESIGNED BY		CHECKED BY	
MLW		WC	
DRAWN BY		APPROVED BY	
CP		JL	
HOR. SCALE		RELEASED FOR CONSTRUCTION	
1:150			
VERTICAL		DATE	
1:150			



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TRURO CREEK CULVERT REPLACEMENT AT WINCHESTER STREET

PROPOSED GENERAL ARRANGEMENT PLAN AND SCOPE OF WORK

CITY DRAWING NUMBER: C322-17-05
BID OPPORTUNITY NUMBER: 1014-2017
SHEET OF: 5 OF 25
REV 1

CONSULTANT PROJECT No. 17M-00806-00