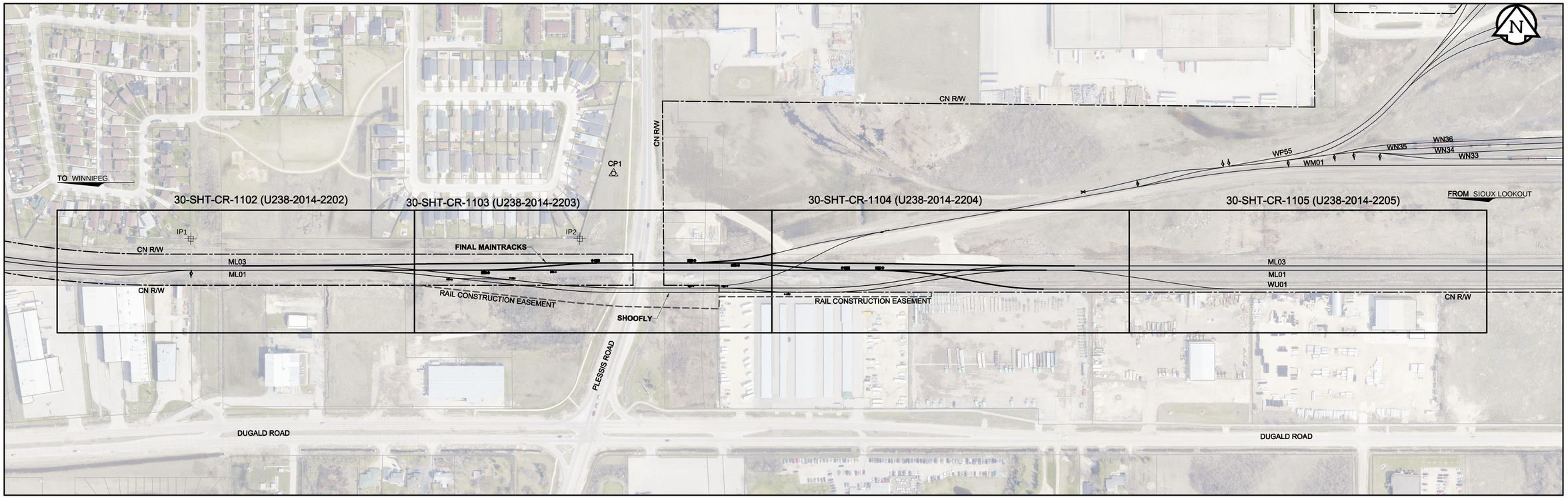

KEY PLAN

SCALE: NTS

GENERAL NOTES

1. THE EXISTENCE, LOCATION AND ELEVATION OF UTILITIES AND/OR CONCEALED STRUCTURES AT THE PROJECT SITE ARE NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION AND ELEVATION OF ALL SUCH UTILITIES AND/OR STRUCTURES AND IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE COMPANY, DEPARTMENT OR PERSON(S) OF ITS INTENTION TO CARRY OUT ITS OPERATIONS.
2. UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY OTHERS. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT.
3. THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. ALL UTILITIES TO BE LOCATED IN THE FIELD AND MODIFIED AS NECESSARY TO TC-E-10 AND TC-E-11 STANDARDS.
4. ENVIRONMENTAL PROTECTION MEASURES AND PROCEDURES SHALL BE AS PER THE APPROPRIATE GOVERNMENT AND OWNER'S ENVIRONMENTAL GUIDELINES.
5. CONTRACTOR MUST MAINTAIN DRAINAGE AT ALL TIMES. PROPOSED CULVERTS LENGTHS AND ELEVATIONS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MAINTAINING & REMOVING ANY TEMPORARY FACILITIES NECESSARY TO ACCESS THE SITE. INCLUDING, BUT NOT LIMITED TO, FENCES, GATES, CULVERT, GRANULAR, SILT FENCES & TRAFFIC CONTROL DEVICES.
7. ALL ACCESS WAYS MUST BE MAINTAINED TO A LEVEL THAT WILL PERMIT PASSAGE BY MAINTENANCE, ENGINEERING AND OPERATIONS VEHICLES AT ALL TIMES.
8. THE CONTRACTOR MUST LIMIT MOVEMENT OF CONSTRUCTION TRAFFIC TO WITHIN THE CONSTRUCTION LIMITS. ANY AND ALL DAMAGE TO EXISTING FACILITIES (INCLUDING, BUT NOT LIMITED TO, FENCES, PAVEMENT, CULVERTS ETC.) WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE REPAIRED TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR.
9. SURVEY CONTROL IS BASED ON UTM ZONE 14 NAD 83. DUE CARE MUST BE MADE TO PREVENT DESTRUCTION OR ALTERATION OF SITE CONTROL. IF UNAVOIDABLE THE CONTRACT ADMINISTRATOR ON SITE MUST BE NOTIFIED IMMEDIATELY.
10. ADDITIONAL CULVERTS TO BE FIELD LOCATED, AS DIRECTED BY THE CONTRACT ADMINISTRATOR AND EXISTING DRAINAGE PATTERNS TO REMAIN.
11. ALL PROPERTY LINES ARE PROVIDED FOR INFORMATION PURPOSES ONLY.

DRAWING UNITS

ALL UNITS ARE IN METRIC (m) UNLESS NOTED OTHERWISE
TO CONVERT METRIC DIMENSIONS TO FEET DIVIDE BY 0.3048

ABBREVIATIONS

BC	BEGIN CURVE
BM	BENCHMARK
BVC	BEGIN VERTICAL CURVE
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
CB	CATCHBASIN
℄	CENTERLINE
CLF	CHAIN LINK FENCE
CS	CURVE TO SPIRAL
CSP	CORRUGATED STEEL PIPE
CONC	CONCRETE
CP	CONTROL POINT
CULV	CULVERT
Dc	DEGREE OF CURVE (CHORD DEFINITION)
DWG	DRAWING
EC	END CURVE
EL. / ELEV.	ELEVATION
EVC	END VERTICAL CURVE
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EXIST.	EXISTING
GRAN.	GRANULAR
HDPE	HIGH DENSITY POLYETHYLENE
INV.	INVERT (PIPE or DITCH)
LH	LEFT HAND
MH	MANHOLE
MAX.	MAXIMUM
MID.	MIDDLE
MIN.	MINIMUM
M	MILEAGE
NIC	NOT IN CONTRACT
OG	ORIGINAL / EXISTING GROUND
O/H or OH	OVERHEAD
PI	POINT OF INTERSECTION
PROP	PROPOSED
PS	POINT OF SWITCH
PVI	POINT OF VERTICAL INTERSECTION
PVIE	POINT OF VERTICAL INTERSECTION ELEVATION
PVIS	POINT OF VERTICAL INTERSECTION STATION
RH	RIGHT HAND
R/W	RIGHT OF WAY
SC	SPIRAL TO CURVE
STM	STORM SEWER
STA.	STATION
ST	SPIRAL TO TANGENT
TAN	TANGENT
TO	TURNOUT
TS	TANGENT TO SPIRAL
T/R	TOP OF RAIL
TWP	TOWNSHIP
TYP.	TYPICAL
XING	RAILWAY CROSSING
VAR.	VARIES OR VARIABLE
VC	VERTICAL CURVE
Ø	DIAMETER
WWS	WASTE WATER SEWER
WM	WATERMAIN
S & C	SIGNAL AND COMMUNICATION
COW	CITY OF WINNIPEG

LEGEND

EXISTING	DESCRIPTION	PROPOSED
	SWITCH STAND	
	POWER SWITCH	
	HINGED DERAIL	
	TWO-WAY HINGED DERAIL	
	CROSSING PLANKS	
	CENTRELINE MAIN	
	CENTRELINE SPUR	
	RAIL REMOVE/REALIGN	
CP 000	SURVEY CONTROL POINT	
MH	MANHOLE	
	DITCH FLOW DIRECTION	
	CULVERT/CULVERT EXTENSION	
	RAILWAY R/W	
TELE PED	TELEPHONE PEDESTAL	
	LIGHT POLE	
	SECURITY FENCE	

EXISTING	DESCRIPTION	PROPOSED
	CONTOURS AND LABELS DISPLAYED AT 0.5m INTERVALS	
	TREE LINE, BUSHES & SHRUBS	
	GRAVEL ROADWAY	
	PAVED ROADWAY	
	GRADING REQUIREMENTS	
OH P	OVERHEAD POWER LINE WITH POLE	
T P	OVERHEAD TELEPHONE LINE WITH POLE	
	UNDERGROUND FIBRE OPTIC LINE	
T	UNDERGROUND TELEPHONE LINE	
OIL	UNDERGROUND OIL LINE	
GAS	UNDERGROUND GAS LINE	
P	UNDERGROUND POWER LINE	
	PROPERTY LINE	
UG S&C	UNDERGROUND S & C CABLE	
	CONSTRUCTION EASEMENT	
CB	CATCH BASIN	CB

APEGM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2013/12/10

BID OPPORTUNITY NO. 712-2013

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.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
1	Issued For Addendum	13/12/10	RCP
0	Issued For Tender	13/10/15	RCP

AECOM

DESIGNED BY	BRP	CHECKED BY	BJM
DRAWN BY	WD	APPROVED BY	RCP
HOR. SCALE:	1:500	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:50		
DATE	2013/12/10	DATE	2013/12/10

ENGINEER'S SEAL
ORIGINAL STAMPED BY
PROVINCE OF MANITOBA
R. G. WINKLER
2013/12/17
Member
6708
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
30-SHT-CR-1101

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION
CONTRACT 3

CITY DRAWING NUMBER
U238-2014-2201

SHEET 01 OF 14

SHOOFLY REMOVAL AND FINAL CONFIGURATION
OVERALL PLAN, LEGEND
AND GENERAL NOTES

CR-1101