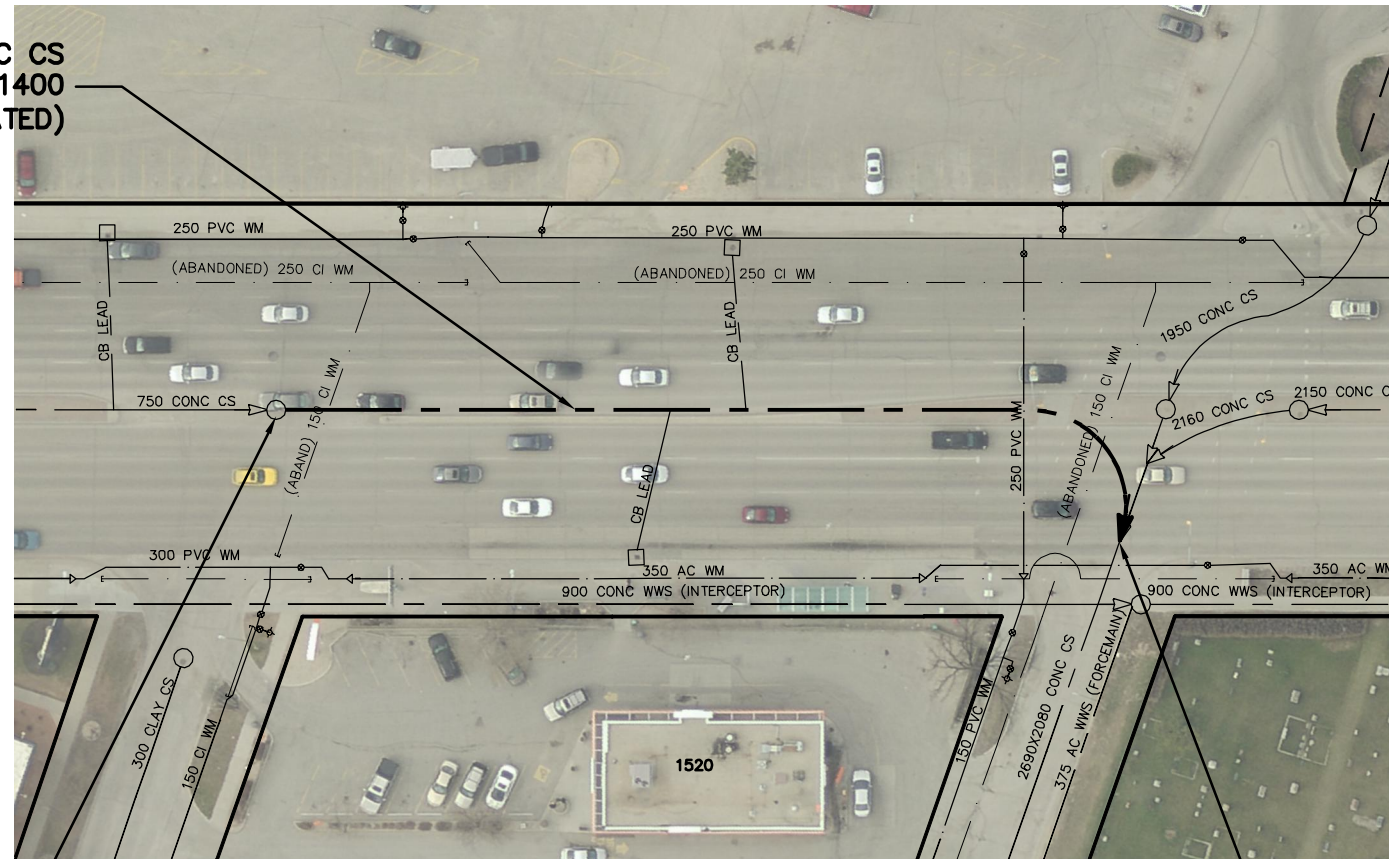




PORTAGE AVENUE

**87.10 OF 750 CONC CS
TO BE LINED S-MA20011400
(FULLY DETERIORATED)**



| SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA20011400 | | |
|--|----------|-------|
| DISTANCE FROM MH ID S-MH20010391 | | |
| DISTANCE | DIAMETER | CLOCK |
| 3.1 | 150 | 11 |
| 25.6 | 150 | 1 |
| 39.7 | 300 | 1 |
| 46.7 | 300 | 11 |
| 47.4 | 150 | 1 |
| 48.1 | 150 | 11 |
| 75.1 | 300 | 11 |
| 79.1 | 150 | 10 |

S-MH20010391
RIM 233.92
INV E 226.78
INV W 226.78

RICHMOND ST

TYLEHURST ST

S-TE20003568

WARNING

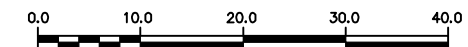
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- 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

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



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. | | | |
| CONSTRUCTION COMPLETION DATE: YYYY MM DD | | | |
| NO. | REVISIONS | DATE | BY |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|-------------|------------|---------------------------|----|
| DESIGNED BY | SC | CHECKED BY | SC |
| DRAWN BY | MA | APPROVED BY | KZ |
| SCALE: | | RELEASED FOR CONSTRUCTION | |
| HORIZONTAL | 1:750 | | |
| VERTICAL | | | |
| DATE | 2014 10 08 | DATE | |
| PLOT DATE: | 2014 10 08 | | |

ENGINEER'S SEAL

ORIGINAL
SIGNED BY
S.R.J.
COURNOYER
14-10-07

CONSULTANT DRAWING NUMBER

BID OPPORTUNITY: 946-2014
CONTRACT NUMBER: 12



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2014 SEWER RENEWALS
BY CIPP LINING - CONTRACT 12
PORTAGE AVENUE

MH AT RICHMOND STREET TO
NODE AT TYLEHURST STREET (S OF CL)

SHEET 42 OF 66

CITY DRAWING NUMBER

10853

FILE PATH: R:\DRAWINGS\SEWER\2014 RENEWALS\CIPP'S\CONTRACT 12\Drawings\
FILE NAME: 10853.dwg