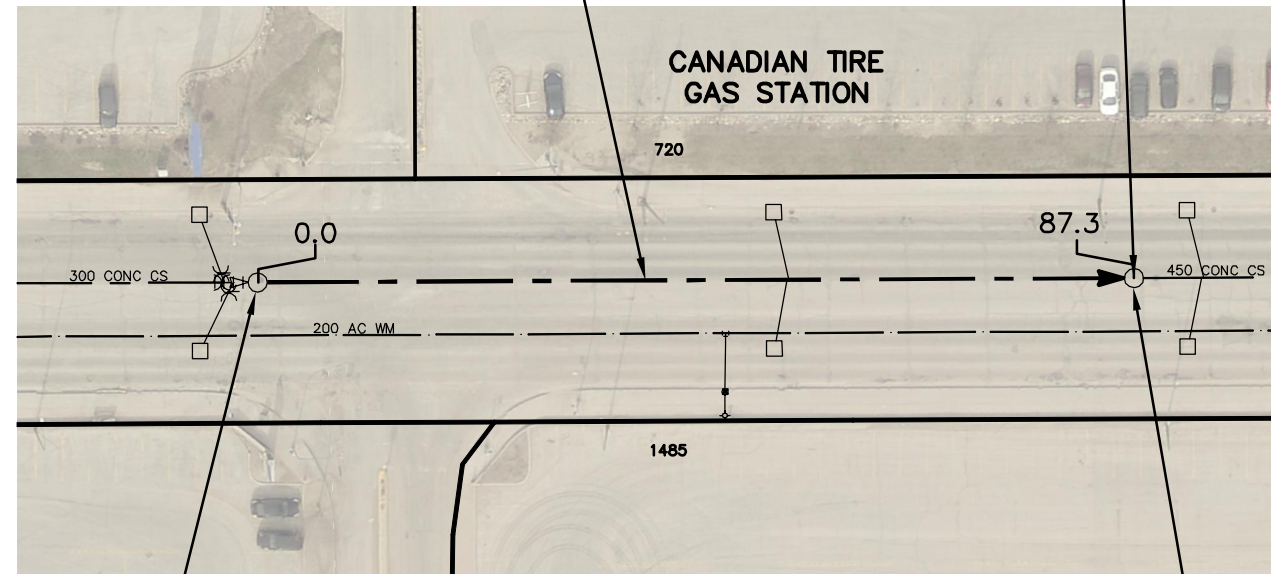




ST JAMES STREET

87.3 OF 375 CONC CS TO BE LINED
FULLY DETERIORATED
S-MA20010590

567m TO S/R OF
ST. MATTHEWS AVENUE



S-MH20009666
RIM 233.56
INV N 230.37
INV S 230.63

S-MH20009752
RIM 233.61
INV N 230.00
INV S 230.08

ST MATTHEWS AVE

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA20010590		
DISTANCE FROM MH ID S-MH20009666		
DISTANCE	DIAMETER	CLOCK
8.7	150	10
11.4	150	10
19.2	150	11
37.7	300	10
46.4	150	1
49.9	300	2
****REVERSAL REQUIRED****		

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA20010590		
DISTANCE FROM MH ID S-MH20009752		
DISTANCE	DIAMETER	CLOCK
22.5	150	10
32.3	250	2
33.1	250	10
37.1	300	10
****REVERSAL REQUIRED****		

WARNING

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

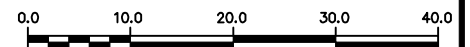
- 1) NOTIFY THE GAS COMPANY OF THE
PROPOSED LOCATION OF EXCAVATION.
- 2) TAKE PRECAUTION TO AVOID DAMAGE
TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

FOR INDEX SEE
11552

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



LOCATION APPROVED
UNDERGROUND STRUCTURES

B.M.
ELEV.

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.

NO.	REVISIONS	DATE	BY

DESIGNED BY	SC	CHECKED BY	SC
DRAWN BY	RJ	APPROVED BY	KZ
SCALE:	1:750	RELEASED FOR CONSTRUCTION	K. ZUREK
HORIZONTAL		DATE	
VERTICAL	DATE	2017 07 04	

PLOT DATE: 2017 07 04

ENGINEER'S SEAL

ORIGINAL
SIGNED BY
S.R.J.
COURNOYER
17/06/05

CONSULTANT DRAWING NUMBER

-

BID OPPORTUNITY: 343-2017
CONTRACT NUMBER: 5



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2016 SEWER MAIN RENEWALS
BY CIPP LINING

ST JAMES STREET

4TH MH S OF ST MATTHEWS AVENUE TO
3RD MH S OF ST MATTHEWS AVENUE

SHEET 67 OF 79

CITY DRAWING NUMBER

11616

FILE PATH: R:\DRAWINGS\SEWER\2016 RENEWALS\Contract 5\Construction Dwg\
FILE NAME: ST_JAMES_S-MA20010590.dwg