DETAIL PLAN

SCALE: 1:1000

SAMPLE Cased WATERLINE CROSSING

CROSSING PROFILE

SCALE: HORIZ. 1:1000

VERT. 1:100

END VIEW CARRIER

PIPE & CASING

NOTES:

- HYDROVAC TO CONFIRM DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION
- END OF CASING WILL NOT BE SEALED
- CONSTRUCTION AND MAINTENANCE TO BE IN ACCORDANCE WITH THE CANADIAN TRANSPORTATION AGENCY GENERAL ORDER E-10
- WARNING MARKINGS ARE REQUIRED AT EACH SIDE OF THE C/N R.O.W.

CANADIAN NATIONAL RAILWAY

DIVISIONAL ENGINEER
REGIONAL ENGINEER
MANAGER
RAILWAY CHANCE
MILEAGE

REVISIONS

PROJECT No. ADP-AS-01

SCALE AS SHOWN

DRAWN D. Mark

CHECKED J. Burns

APPROVED L. Currie

DATE 12/30/00 INITIAL

ASPM 6-51-19-4

RURAL WATERLINE SERVICES COMMISSION

COLINTON - BOYLE
REGIONAL WATERLINE CONTRACT No. 9

DRAWING NUMBER 3823-9-115

REVS. NO. SHEET

1 1/4

REDAC. J. AND. STAUR
INSTALLATION AND MAINTENANCE TO BE IN ACCORDANCE WITH TC E-10 AND LATEST EDITION OF CSA STANDARD.

DETAIL PLAN
SCALE: 1:1000

EX. C.N. R.O.W. 46.15m

CROSSING PROFILE
SCALE: HORIZ. 1:1000 VERT. 1:100

ENDS OF CASING WILL NOT BE SEALED
450mm STEEL CASING PIPE
NEW 111m-250mm SAN. @ 0.268

METHOD OF INSTALLATION AUGERED

CANADIAN NATIONAL RAILWAYS
DIVISIONAL ENGINEER
REGIONAL ENGINEER
MANAGER
RAILWAY CHAINAGE
MILEAGE
SUBDIVISION

LOCATION PLAN
SCALE: N.T.S.

END VIEW CARRIER
PIPE & CASING
SCALE: N.T.S.

CASING PIPE SPECIFICATION:
INSIDE DIAM: 428.6mm
OUTSIDE DIAM: 457.2mm
WALL THICKNESS: 14.3mm
PIPE SPECIFICATION: 241MPa MIN. YIELD STRENGTH
LENGTH: 56.15 meters
MATERIAL: STEEL
PROTECTION: NIL
CARRIER PIPE SPECIFICATION:
CONTENTS: SANITARY SEWAGE
INSIDE DIAM: 251.44mm
WALL THICKNESS: 7.62mm
SPEC.: PVC DR35
OPER./MAX. PRES.: GRAVITY
PROTECTION: NIL

CANADIAN NATIONAL RAILWAYS
HIGHWAY 778 (49TH STREET)
SANITARY SEWER & WATER MAIN UPGRADE
TOWN OF STONY PLAIN
ALBERTA

PROJECT No. 3321-111
DRAWN BY:
CHECKED BY:
APPROVED BY:
DATE:
Storm Sewer Specifications
- OD - 1500mm
- Material - Reinforced Concrete C-76, Jacking Pipe, CLASS V
- Joints - Steel Belt Bands
- Trenchless Installation From MH5 to MH6
- 85m @ 0.20% grade,
- Gravity Storm Sewer Line (non-pressure)

OWNER - TOWN OF MUNDARE
NB - INSTALLATION AND MAINTENANCE TO BE IN ACCORDANCE WITH TC E10.

Location & Legal Description
- Mile 70.88
- Vegreville Subdivision
- E1/2 Section 19, Twp 53, Rge 16, WHM

TOWN OF MUNDARE
SAMPLE
UNCASED
SEWER CROSSING