PROFILE GRADE —

PROPOSED FINISHED SURFACE

PROPOSED SIDESLOPE —

0.02m/m   0.02m/m

EXISTING SIDESLOPE

PROPOSED SIDESLOPE

EXISTING SIDESLOPE —

2:1 GUIDELINE

EXISTING SURFACE

2:1 GUIDELINE

600mm MINIMUM UNDERCUT

CLAY SEAL (SEE DETAIL)

CLAY SEAL (SEE DETAIL)

A

JOINT SEALED WITH OAKUM

EXISTING CULVERT

A

CULVERT TO BE INSTALLED BY TRENCHING

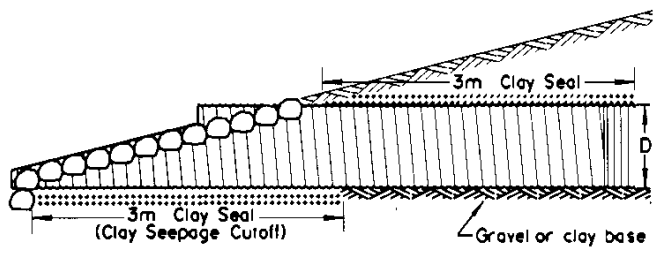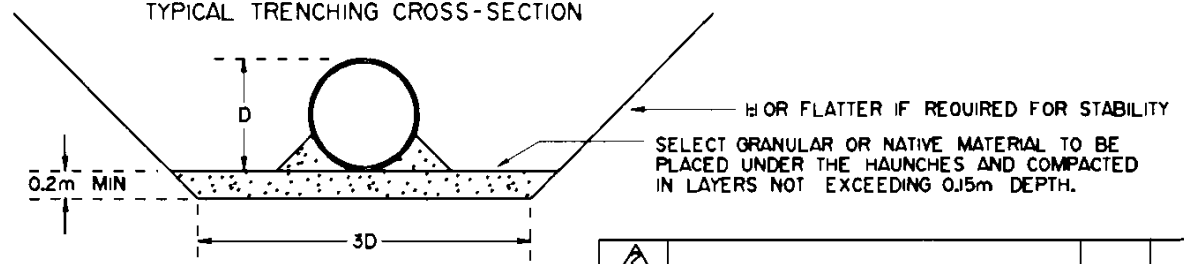CULVERT TO BE INSTALLED BY TRENCHING

NOTE: THE TRENCHING METHOD IS TYPICALLY USED ON EXISTING PAVED ROADS. THIS METHOD MAY BE USED TO INSTALL A COMPLETE NEW CULVERT, GENERALLY IN TWO STAGES OR TO ADD NEW EXTENSIONS TO AN EXISTING CULVERT AS SHOWN.

ROADWAY TYPICAL CROSS SECTION

SECTION A-A
TYPICAL TRENCHING CROSS-SECTION

D

1:1 OR FLATTER IF REQUIRED FOR STABILITY

SELECT GRANULAR OR NATIVE MATERIAL TO BE PLACED UNDER THE HAUNCHES AND COMPACTED IN LAYERS NOT EXCEEDING 0.15m DEPTH.

0.2m MIN

3D

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No.	REVISIONS		BY	DATE

Approved:

[signature]

Executive Director,
Technical Standards Branch

Date: JUNE 1995

Alberta
TRANSPORTATION AND UTILITIES

3m Clay Seal

D

3m Clay Seal (Clay Seepage Cutoff)

Gravel or clay base

Clay seal for seepage to be placed at both ends, for a length of 3m, and to the top of the pipe.

CLAY SEAL DETAIL

CULVERT INSTALLATION BY TRENCHING

Prepared By: R.M.	Checked By: B.K.	Scale: N.T.S.	Dwg No.: CB6-2.4M18