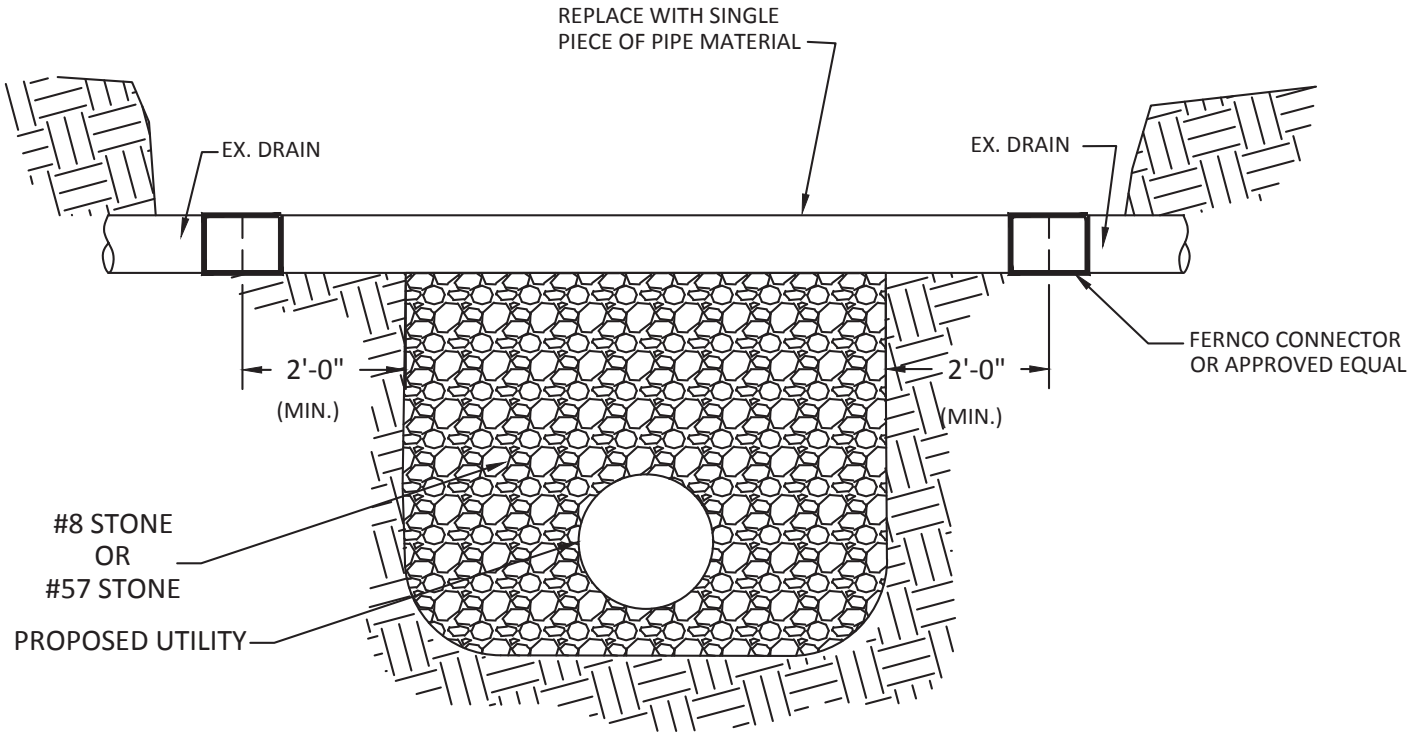
MINIMUM ROAD & CURB UNDERDRAIN REPLACEMENT MATERIAL SHALL BE:

PERFORATED CONCRETE: ITEM 706.06 (ODOTCMS)
CONCRETE DRAIN TILE : TILE 706.07 (ODOTCMS)
VITRIFIED CLAY: ITEM 706.08 (ODOTCMS) PERFORATED
PVC: ITEM 707.17 (ODOTCMS) HEAVY DUTY
CORRUGATED POLYETHYLENE SLOTTED DRAIN: ITEM 707.16 (ODOTCMS)

MINIMUM DRAIN TILE REPLACEMENT MATERIAL SHALL BE:

PVC: ASTM 2241, SDR 26
DUCTILE IRON: AWWA C151, CLASS 50
STEEL PIPE: ASTM 139-B
CONCRETE: ITEM 706.02 (ODOTCMS)
POLYETYLENE: ITEM 707.16, S.S. 944 (ODOTCMS)



NOTES:

1. INSIDE DIAMETER OF REPLACEMENT PIPE SHALL BE EQUAL TO OR GREATER THAN INSIDE DIAMETER OF EXISTING TILE OR UNDERDRAIN.
2. REPLACLEMENT MATERIAL USED SHALL BE EQUAL TO OR BETTER THAN THE EXISTING TILE OR UNDERDRAIN AS DIRECTED BY THE DIVISION OF ENGINEERING SERVICES.
3. PROVIDE FERNCO FITTINGS OR APPROVED EQUIVALENT WHERE EXISTING TILE OR UNDERDRAIN HAS WATERTIGHT JOINTS. PROVIDE 30# FELT OR CONCRETE MORTAR OVER THE UPPER HALF OF THE JOINT WHERE OPEN JOINTS ARE ENCOUNTERED.
4. BACKFILL BETWEEN THE PROPOSED UTILITY AND THE REPLACEMENT TILE OR UNDERDRAIN SHALL BE No. 8 OR No. 57 ANGULAR STONE.

EST 1808
CITY OF DELAWARE OHIO
Public Works Department

STANDARD DETAIL

FIELD DRAIN TILE & UNDERDRAIN REPLACEMENT

UTILITIES

SEWD-19.0

Rev. 12/31/2018