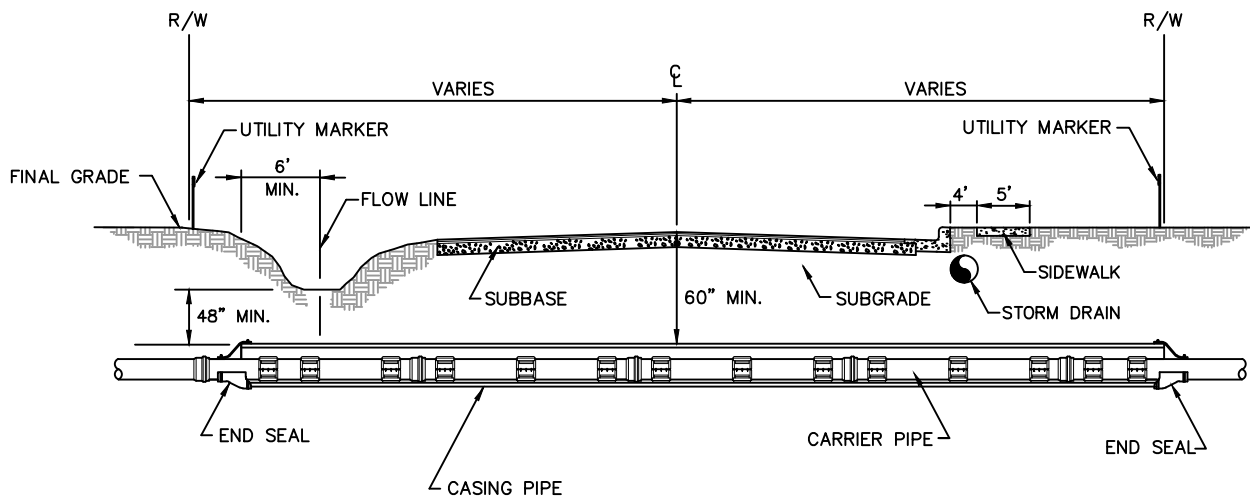


NOTES:

1. ENCASEMENTS ON NON-CONTROLLED ACCESS HIGHWAYS SHALL EXTEND FROM RIGHT OF WAY LINE TO RIGHT OF WAY LINE AS PRACTICAL OR AS REQUIRED BY THE DISTRICT ENGINEER. AS A MINIMUM, ENCASEMENTS SHALL EXTEND 6 FEET BEYOND THE TOE OF SLOPE IN ANY EMBANKMENT SECTION, THE FLOW LINE OF ANY PARALLEL DITCHES, OR BACK OF ANY CURB AS APPLICABLE.
2. ENCASED CROSSINGS OF PARTIALLY CONTROLLED OR FULLY CONTROLLED ACCESS HIGHWAYS SHALL BE ENCASED THE FULL WIDTH OF THE CONTROL OF ACCESS.
3. ENCASEMENTS SHALL HAVE A MINIMUM COVER OF 48 INCHES MEASURED VERTICALLY FROM THE FLOW LINE OF PARALLEL DITCHES OR 60 INCHES MEASURED VERTICALLY FROM THE HIGHWAY SURFACE; WHICHEVER PROVIDES THE GREATER COVER.
4. CARRIER PIPE FOR WATER LINES SHALL BE SPECIAL CLASS 50 DIP AS SPECIFIED, AND CARRIER PIPE FOR SEWER LINES SHALL BE SPECIAL CLASS 50 DIP, EPOXY LINED AS SPECIFIED.
5. ENCASEMENT PIPE SHALL BE WELDED OR SEAMLESS STEEL PIPE, WITH A MINIMUM THICKNESS OF 0.25 INCHES AND A MINIMUM YIELD STRENGTH OF 35,000 PSI, OR AS OTHERWISE SPECIFIED.
6. THE ANGLE OF THE CROSSING SHALL BE AS NEAR AS PERPENDICULAR TO THE HIGHWAY AS POSSIBLE.
7. WITH THE EXCEPTION OF SERVICE LINES, A MARKER BEARING THE UTILITY OWNER'S NAME SHALL BE PLACE AT EACH RIGHT-OF-WAY LINE WHERE CROSSED.
8. CASING PIPE SHALL BE SEALED AT THE ENDS WITH A FLEXIBLE END SEAL, AS SPECIFIED.
9. CROSSING THROUGH DRAINAGE STRUCTURES SHALL NOT BE PERMITTED.
10. HIGHWAY BORINGS SHALL MAINTAIN CONFORMANCE TO THE LATEST VERSION OF THE AHTD UTILITY ACCOMMODATION POLICY.



TYPICAL HIGHWAY BORING
 (SEWER LINE SHOWN...WATER LINE SIMILAR)
 N.T.S.



STANDARD DETAILS
 FOR
 WATER AND SEWER CONSTRUCTION