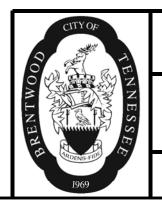


NOTES:

- 1. CASING SHALL EXTEND TO THE GREATER OF THE FOLLOWING DISTANCES:
 - A. 2' BEYOND TOE OF SLOPE
 - **B. 5' BEYOND CENTERLINE OF DITCH**
 - C. MIN. OF 25' WHEN CASING IS SEALED AT BOTH ENDS
- 2. BORED CROSSINGS SHALL BE PERMITTED AND INSTALLED TO MEET THE REQUIREMENTS OF TENNESSEE DEPARTMENT OF TRANSPORTATION AND/OR LOCAL AUTHORITY.
- 3. CARRIER PIPE SHALL BE AS REQUIRED BY THE DRAWINGS. CARRIER PIPE SHALL BE CENTERED IN THE CASING PIPE. CARRIER PIPE SHALL BE INSTALLED USING CASING SPACERS. SPACERS SHALL BE PLACED AT PIPE JOINT MIDPOINT AND 1' FROM EACH END OF PIPE JOINT. SEE DETAIL M-02 FOR CASING SPACER AND END SEAL DETAILS.
- 4. ENDS OF CASING PIPE SHALL BE SEALED UTILIZING SYNTHETIC RUBBER SEALS WITH STAINLESS STEEL BINDING STRAPS.
- 5. REFER TO SPECIFICATION FOR CASING PIPE THICKNESS AND DIAMETER.
- 6. CARRIER PIPE SHALL BE RESTRAINED JOINT.

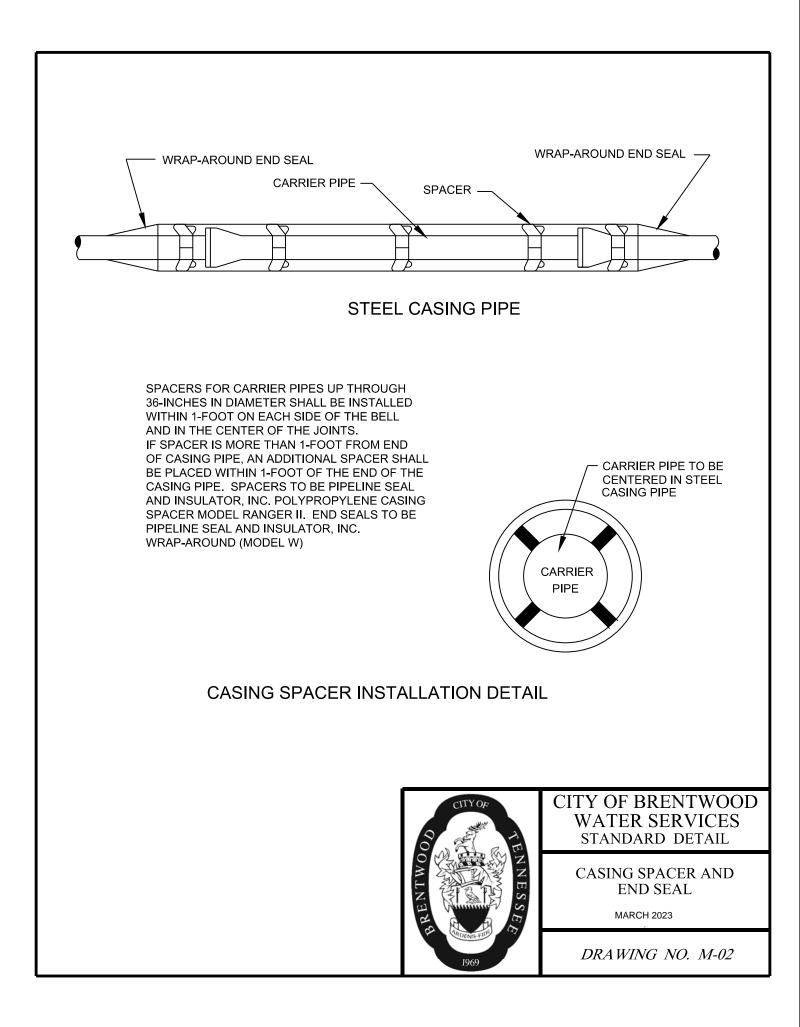


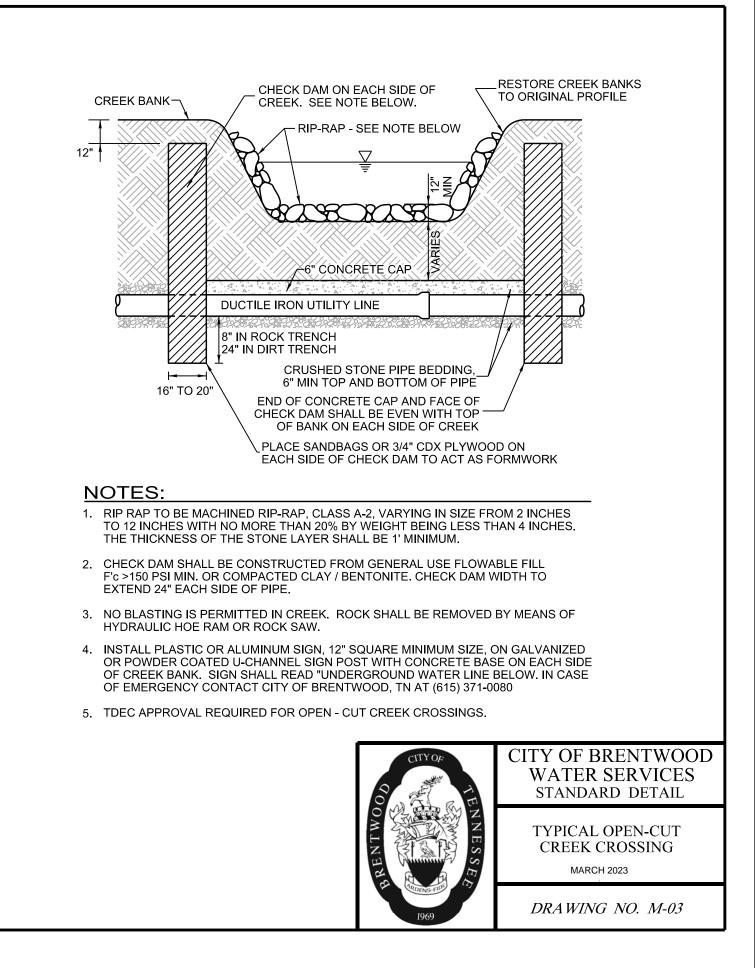


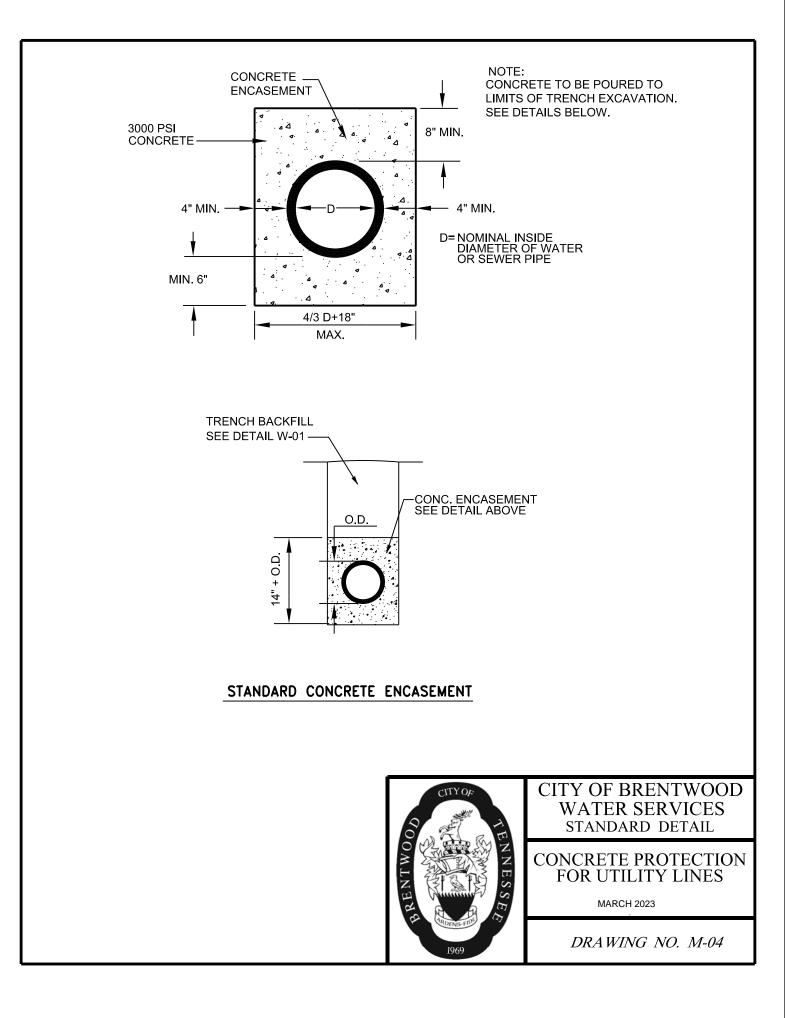
TYPICAL BORE AND JACK FOR HIGHWAYS

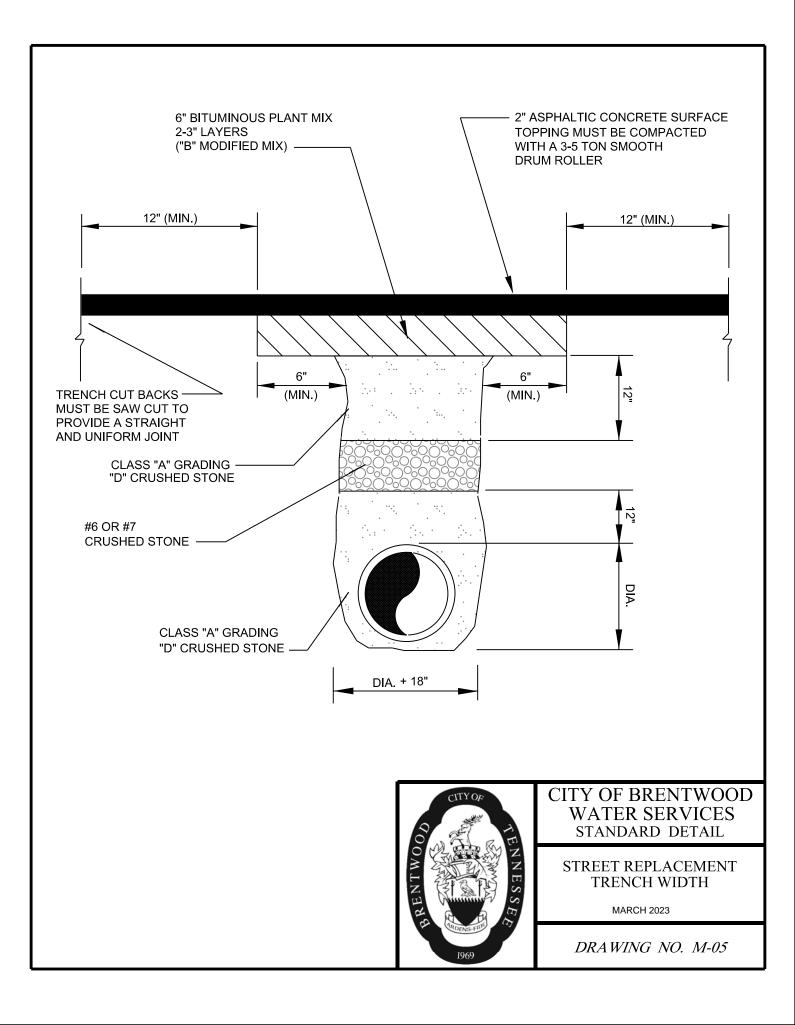
MARCH 2023

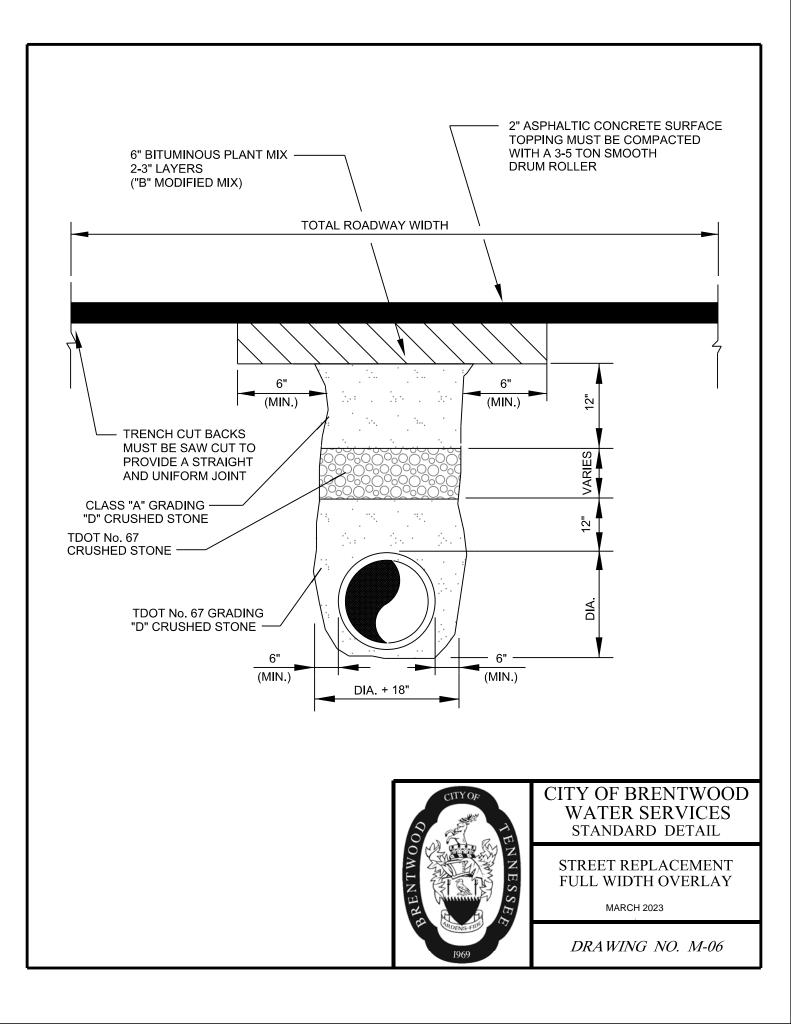
DRAWING NO. M-01

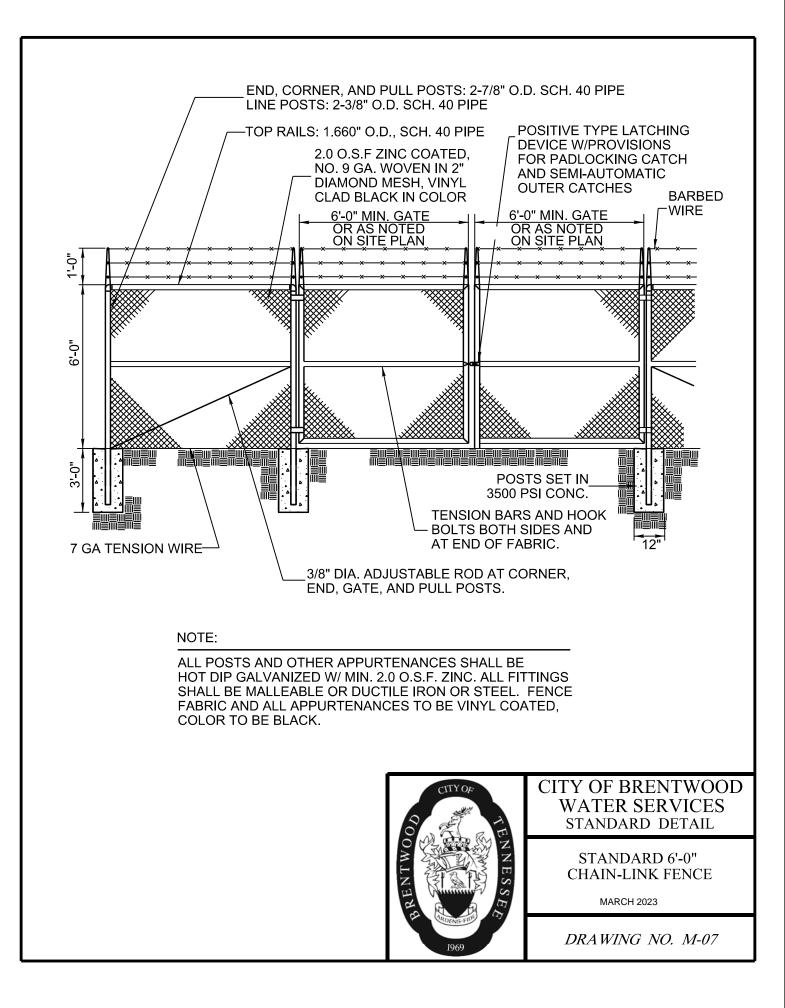


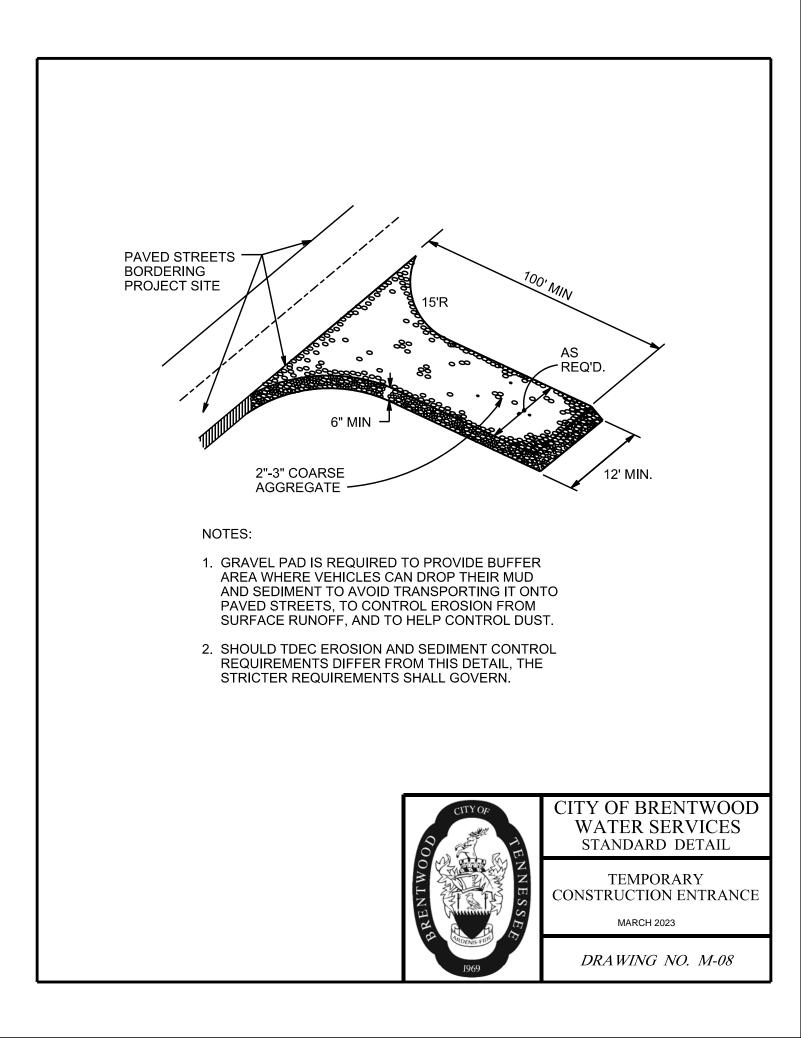


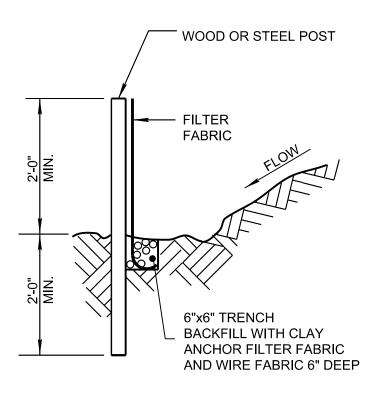






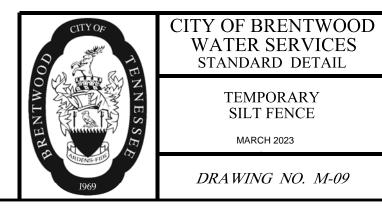


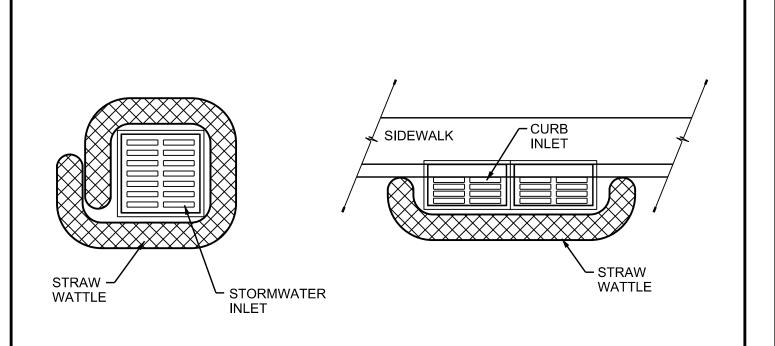




NOTES:

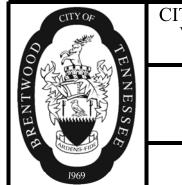
- 1. FILTER FABRIC FENCE TO BE PLACED PRIOR TO START OF ROUGH GRADING.
- 2. STEEL POSTS SHALL BE APPROVED BY OWNER PRIOR TO USE.
- 3. WOOD POSTS SHALL BE 2"x 2" MIN., OAK OR SIMILAR HARDWOOD.
- 4. POSTS SHALL BE SPACED AT 6' INTERVALS.
- 5. FILTER FABRIC SHALL BE SECURELY BOUND TO POSTS WITH EITHER STAPLES OR WIRE TIES.
- FILTER FABRIC SHALL BE POLYPROPYLENE FABRIC WITH EQUVALENT OPENING SIZE (EOS) OF NO.100 SIEVE MIN., NO.40 SIEVE MAX., AS DETERMINED BY CORPS OF ENGINEERS GUIDE SPEC. CW 02215.
- 7. SHOULD TDEC EROSION AND SEDIMENT CONTROL REQUIREMENTS DIFFER FROM THIS DETAIL, THE STRICTER REQUIREMENTS SHALL GOVERN.





NOTES:

- 1. STRAW WATTLES SHALL BE MANUFACTURED FROM RICE STRAW AND BE WRAPPED IN A TUBULAR PLASTIC NETTING. THE NETTING SHALL HAVE A STRAND THICKNESS OF 0.03 INCH, AND A KNOT THICKNESS OF 0.055 AND A WEIGHT OF 0.35 OUNCE PER FOOT AND SHALL BE MADE FROM 85% HIGH DENSITY POLYETHYLENE, 14% ETHYL VINYL ACETATE AND 1% COLOR FOR UV INHIBITION. STRAW WATTLES SHALL BE NINE INCHES IN DIAMETER, TWENTY-FIVE FEET LONG AND WEIGH APPROXIMATELY 35 POUNDS.
- 2. SHOULD TDEC EROSION AND SEDIMENT CONTROL REQUIREMENTS DIFFER FROM THIS DETAIL, THE STRICTER REQUIREMENTS SHALL GOVERN.



CITY OF BRENTWOOD WATER SERVICES STANDARD DETAIL

STRAW WATTLES

MARCH 2023

DRAWING NO. M-10

