



NOTES:

1. REPLACED BASE MATERIAL OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE
2. BASE MATERIAL SHALL BE PLACED IN TWO OR THREE LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO SPECIFIED MAXIMUM DENSITY
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED
4. SURFACE MATERIAL WILL BE CONSISTENT WITH THE EXISTING SURFACE.
5. A MINIMUM OF ONE DENSITY TEST SHALL BE TAKEN EVERY TWO HUNDRED (200) FEET FOR EACH EIGHT (8") INCH LIFT OF SUBGRADE AND EACH OPEN CUT CROSSING. PROCTORS FOR MATERIALS USED IN BACKFILLING SHALL BE OBTAINED BY A CERTIFIED LABORATORY DENSITY TESTS SHALL BE CONDUCTED BY A CERTIFIED LABORATORY OR THE PERMITTEE'S CONSULTANTS. THE PERCENTAGE OF MAXIMUM DENSITY REQUIRED SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "THE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AT THE TIME THE PERMIT WAS ISSUED. ALL DENSITY TESTS SHALL BE COMPLETED AND ACCEPTED ON EACH LAYER PRIOR TO ADDITIONAL BACKFILLING. A COPY OF ALL COMPLETED AND ACCEPTED DENSITY TESTS SHALL BE FURNISHED TO CITY OF HUTTO
6. GEOTECHNICAL REPORT MUST BE PROVIDED WITH THE ROAD/STREET DESIGN. THESE SPECIFICATIONS MAY BE SUPERSEDED BY THE CITY ENGINEER.
7. FLEXIBLE BASE TYPE II: (ROADWAY BASE) TxDOT TYPE A – GRADE 2 OR BETTER CRUSHED LIMESTONE BASE COMPACTED TO 98% OF TxDOT 113E AT OPTIMUM MOISTURE. PROCTOR TO BE PROVIDED BY THE CONTRACTOR TO THE CITY INSPECTOR
8. FLEXIBLE BASE TYPE II: (TRENCH BACKFILL) TxDOT TYPE A – GRADE 2 OR BETTER CRUSHED LIMESTONE BASE COMPACTED TO 95% OF TxDOT 113E AT OPTIMUM MOISTURE. PROCTOR TO BE PROVIDED BY THE CONTRACTOR TO THE CITY INSPECTOR.
9. CONTRACTOR OR ENGINEER MAY REQUEST FOR USE OF ALTERNATE BACKFILL MATERIAL. ALTERNATE MATERIALS AND TESTING PROTOCOL MUST BE SUBMITTED TO AND APPROVED BY THE CITY ENGINEER PRIOR TO USE.
10. DETECTABLE MARKING TAPE SHALL BE USED FOR ALL WATER LINES. THE TAPE SHALL BE BLUE, 12" WIDE, 5 MIL. THE TAPE SHALL BE PLACED AT TOP OF BEDDING.
11. IF GROUND WATER IS PRESENT IN THE TRENCH, THE BEDDING MATERIAL SHOULD BE SURROUNDED BY FILTER FABRIC (MIRAFI 140N OR EQUIVALENT) ON ALL SIDES TO PREVENT SOIL INFILTRATION INTO THE BEDDING MATERIAL.



CITY OF HUTTO
CONSTRUCTION STANDARDS AND DETAILS
TRENCH AND EMBEDMENT
UNDER EXISTING ROADWAY
ENGINEERING & PUBLIC WORKS

DRAWING NO.	W21
UPDATED:	08/12/2021
DRAWN BY:	BB
SCALE:	N.T.S.
FILE NAME:	W21.DWG