TRENCH REQUIREMENTS IN EXISTING PAVED AREAS AND WITHIN 5 FEET OF EXISTING PAVED AREAS

WITHIN 5 FEET OF PAVED AREA

WITHIN PAVED AREA

3" TYPE B AC MIN. OR 1" THICKER THAN EXISTING AC.

ADDITIONAL 12" KEY GRIND BEYOND SAW-CUT TO HALF THE DEPTH OF EXISTING AC OR A MINIMUM OF 1.5" AND REPLACE.

MATCH EXISTING A.B.

¾" CLASS 2 A.B. - 95% RELATIVE COMPACTION PLACED IN TWO OR MORE LIFTS.

BACKFILL SHALL BE IN 12" MAX. LIFTS,

¾" CLASS 2 A.B. COMPACTED TO 95%,

2 SACK CEMENT SLURRY, OR AS DIRECTED BY THE ENGINEER.

BEDDING SHALL BE IN 12" MAX. LIFTS,

¾" CRUSHED ROCK OR CLEAN SAND COMPACTED TO 95%,

2 SACK SLURRY, OR AS APPROVED BY PUBLIC WORKS

TRENCH REQUIREMENTS FOR NEW ROADWAYS

FINISHED SUBGRADE

BACKFILL SHALL BE NATIVE OR ¾" CLASS 2 A.B. COMPACTED TO 95%, OR 2 SACK CEMENT SLURRY

SUITABLE BACKFILL MATERIAL SHALL

BE 12" MAX. LIFTS COMPACTED TO 92%

BEDDING SHALL BE IN 12" MAX. LIFTS,

¾" CRUSHED ROCK OR CLEAN SAND COMPACTED TO 95%,

2 SACK SLURRY, OR AS APPROVED BY PUBLIC WORKS

NOTES:

1. ENCROACHMENT PERMIT REQUIRED PRIOR TO CONSTRUCTION IN COUNTY RIGHT OF WAY.
2. CERTIFICATION OF TRENCH BACKFILL COMPACTION IS REQUIRED PRIOR TO PLACING AB ON FINISHED SUBGRADE.
3. SAWCUT INITIAL TRENCH WIDTH, THEN 30 DAYS AFTER WORK HAS BEEN COMPLETED, SAWCUT OR GRIND 12" ON BOTH SIDES OF TRENCH WITH ADDITIONAL 12" KEY GRIND. APPLY TACK COAT PRIOR TO PAVING.
4. ALL TRENCH WORK 5 FEET AND DEEPER SHALL CONFORM TO SECTION 8.4 OF THE YUBA COUNTY STANDARDS AND CAL. OSHA STANDARDS.
5. PLASTIC PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM 2321.
6. MINIMUM COVER OVER UTILITIES SHALL BE 1" BELOW FINISHED SUBGRADE OR 2" BELOW FINAL GRADE, WHICHER IS GREATER.
7. CONTRACTOR SHALL PROVIDE COMPACTION TESTS BY AN INDEPENDENT GEOTECHNICAL FIRM TAKEN 200’ APART ON LONGITUDINAL TRENCHES PRIOR TO PLACEMENT OF MATERIAL FOR HIGHER LIFTS. SUBSEQUENT TESTS SHALL BE MIDWAY BETWEEN PREVIOUS TEST SITES. MINIMUM OF 2 TESTS PER LIFT ON CROSS TRENCHES. THE TOP 1’ OF SUBGRADE FOR ALL TRENCHES SHALL BE TESTED FOR COMPACTION REQUIREMENT IN ADDITION TO THE RANDOM SUBGRADE TEST SITES.
8. CONTRACTOR SHALL REMOVE MATERIAL NOT MEETING COMPACTION REQUIREMENTS AND HAVE A GEOTECH ENGINEER PROVIDE RECOMMENDATION ON AN ALTERNATIVE BACKFILL TO BE APPROVED BY PUBLIC WORKS.
9. TRENCH REQUIREMENTS SHALL CONFORM TO THE MOST STRINGENT STANDARDS OF EITHER THE COUNTY OR UTILITY COMPANY.