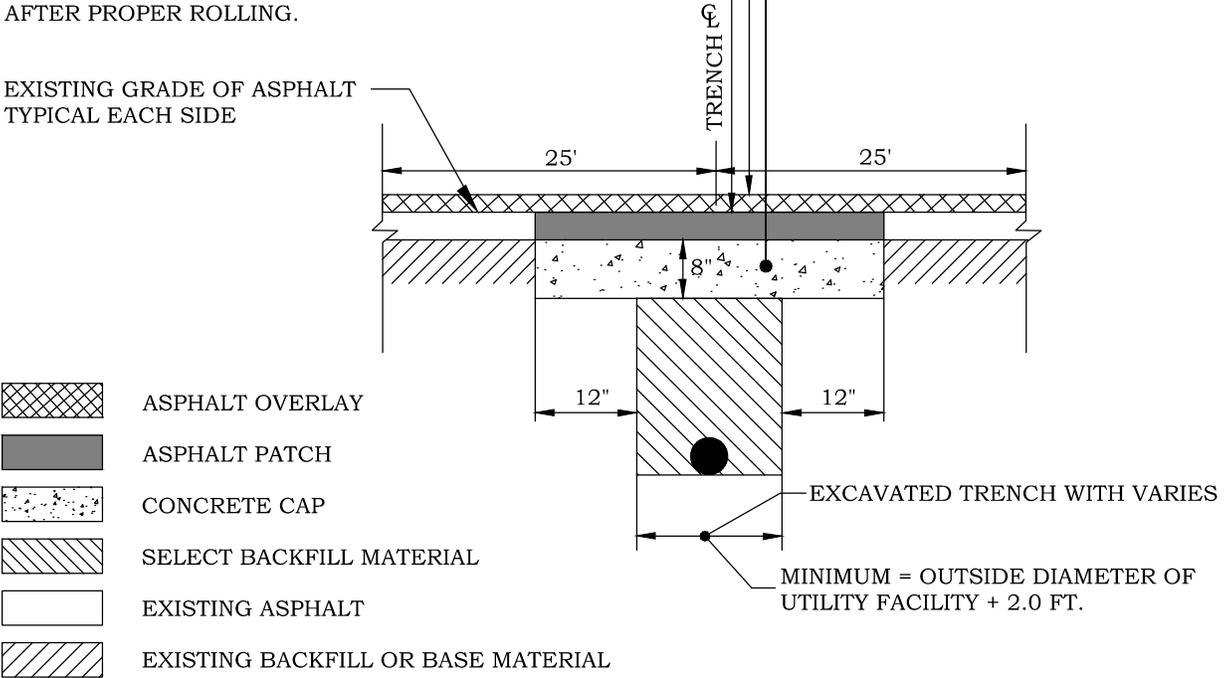


ASPHALT OVERLAY - ALL UTILITY ROAD CUTS WILL REQUIRE AN ASPHALT OVERLAY. THE MINIMUM WIDTH SHALL BE ONE (1) LANE WIDTH AND THE MINIMUM LENGTH SHALL BE FIFTY (50) FEET WHICH IS A MINIMUM TWENTY FIVE (25) FEET ON EACH SIDE OF THE CENTER OF THE UTILITY CUT. THE MINIMUM DEPTH OF THE ASPHALT OVERLAY SHALL BE ONE (1) INCH AFTER COMPACTION.

ASPHALT PATCH - ALL EDGES OF THE EXISTING ASPHALT SHALL BE SAWED VERTICALLY TO PROVIDE A CLEAN, NEAT SURFACE AND TACKED. THE MINIMUM DEPTH OF THE ASPHALT PATCH SHALL BE TWO (2) INCHES AFTER COMPACTION. THE FINISH GRADE OF THE ASPHALT PATCH SHALL MATCH THE EXISTING GRADE OF THE SURROUNDING ASPHALT AFTER PROPER ROLLING.

EXISTING GRADE OF ASPHALT TYPICAL EACH SIDE

CONCRETE CAP - AN EIGHT (8) INCH THICK PORTLAND CEMENT CONCRETE CLASS "A" OR BETTER CONCRETE CAP, SHALL BE PLACED TWELVE (12) INCHES WIDER EACH SIDE THAN THE EXCAVATED TRENCH/DITCH. ALL EDGES SHALL BE SQUARED. ALL CONCRETE SHALL BE PROTECTED FOR TWENTY FOUR (24) HOURS AFTER PLACEMENT AND NO ASPHALT SHALL BE PLACED DURING THIS PERIOD. IF HIGH EARLY STRENGTH CONCRETE IS USED ASPHALT PATCHING WITHIN THE TWENTY FOUR (24) HOUR PERIOD WILL BE CONSIDERED BASED ON EARLY BREAK CYLINDERS OBTAINING A COMPRESSED STRENGTH OF 3000 PSI. ALL COSTS ASSOCIATED WITH VERIFYING COMPRESSIVE STRENGTH SHALL BE BORNE BY THE APPLICANT.



BACKFILL - ALL BACKFILL SHALL BE COMPACTED IN LIFTS NO MORE THAN EIGHT (8) INCHES, LOOSE MEASURE, SPREAD AND COMPACTED UNIFORMLY. IN ALL CASES THE BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM LABORATORY DRY DENSITY, TO WITHIN TWELVE (12) INCHES OF THE TOP OF SUBGRADE. THE TOP TWELVE (12) INCHES OF THE BACKFILL SHALL BE COMPACTED TO AT LEAST 100% OF THE MAXIMUM LABORATORY DRY DENSITY. THE TOP OF THE SUBGRADE IS THAT ELEVATION LOCATED IMMEDIATELY BENEATH ALL BASE AND PAVING MATERIALS. THE MAXIMUM LABORATORY DRY DENSITY SHALL BE DETERMINED FROM THE STANDARD PROCTOR TEST. A MECHANICAL COMPACTOR SHALL BE ON SITE PRIOR TO BEGINNING ANY EXCAVATIONS. IN NO CASE WILL BACKFILLING WITH SAND, USING JETTING AND/OR FLOODING TO ACHIEVE COMPACTION BE ALLOWED.

- NOTES:
1. A MINIMUM ONE (1) HOUR ADVANCE NOTICE DURING REGULAR WORKING HOURS (8:30 A.M. TO 5:00 P.M.), MONDAY THRU FRIDAY SHALL BE GIVEN TO AUD & AED INSPECTORS PRIOR TO BEGINNING ANY BACKFILL OPERATION OR ANY CONCRETE OR ASPHALT PAVEMENT.
  2. THE APPLICANT MUST OBTAIN PERMISSION FROM THE COUNTY ENGINEER BEFORE PLACING CONCRETE OR ASPHALT.
  3. THE DETAIL SUPERCEDES THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD 1401 - "PAVEMENT PATCHING DETAIL".
  4. IN WET AREAS, TYPE II FOUNDATION BACKFILL MATERIAL (#57 STONE) WILL BE REQUIRED AS DIRECTED BY THE COUNTY ENGINEER.
  5. ALL WORK SHALL BE IN ACCORDANCE WITH THE "AUGUSTA RICHMOND COUNTY RIGHTS-OF-WAY ENCROACHMENT FOR UTILITIES ORDINANCE".

NO REVISION OR MODIFICATION OF THIS DETAIL SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM AUGUSTA UTILITIES DEPARTMENT.

**APPROVED JAN. 2020**  
REVISED: AUGUST 2018

**AED UTILITY ROAD CUT DETAIL**  
**AUD DETAIL 4.1.2**

**AUGUSTA UTILITIES DEPARTMENT**  
**452 WALKER STREET, SUITE 200**  
**AUGUSTA, GA 30901**

