



Mercer County Roadway – Utility Trench Detail

n.t.s. revised: 06-30-16 Paving Spec

- TWO LANES OF TRAFFIC, ONE IN EACH DIRECTION, MUST BE MAINTAINED AT ALL TIMES.
- ALL TRAFFIC CONTROL PERSONS MUST BE IN UNIFORM OR WEAR A REFLECTIVE VEST AND USE A STOP/SLOW PADDLE SIGN.
- NO ROAD CAN BE CLOSED AT ANY TIME WITHOUT PRIOR APPROVAL FROM THE MERCER COUNTY ENGINEER OR THE COUNTY TRAFFIC ENGINEER.
- CONCRETE ROADS MUST BE SAW CUT AND RESTORED WITH 4000 PSI AIR-ENTRAINED CONCRETE TO THE CORRECT THICKNESS.
- ALL TRENCHES ARE TO BE SAW CUT.
- THE SURFACE COURSE IS TO BE PLACED AFTER THE TRENCH SETTLEMENT PERIOD HAS ELAPSED, OR WHEN DIRECTED BY THE COUNTY ENGINEER OR THE MERCER COUNTY ROAD SUPERVISOR.
- NO ROAD CAN BE OPENED AFTER NOVEMBER 15TH. OR BEFORE APRIL 1ST. THE ONLY EXCEPTION WILL BE FOR EMERGENCIES DECLARED BY THE COUNTY ENGINEER.
- ROAD PLATES MAY NOT BE LEFT IN PLACE AFTER NOVEMBER 15TH. THE ONLY EXCEPTION SHALL BE FOR EMERGENCIES DECLARED BY THE COUNTY ENGINEER.
- BACK FILL MATERIAL SHALL BE 15:1 SAND/CEMENT, FOR FIRST 2' FEET OF TRENCH DEPTH BELOW PAVEMENT BOX. ALL BACKFILL BELOW THE 2' OF SAND/CEMENT SHALL BE DGA OR RECYCLED CEMENT.
- 15:1 SAND/CEMENT BACKFILL SHALL BE PLACED IN SIX INCH (6") LIFTS AND MECHANICALLY COMPACTED, ALSO DGA OR RECYCLED CONCRETE IF REQUIRED, SHALL BE PLACED IN TWO FOOT (2') LIFTS AND MECHANICALLY COMPACTED.
- CONTACT THE SUPERVISOR PRIOR TO BACK FILLING THE TRENCH TO SCHEDULE AN INSPECTION.
- IF THE COUNTY INSPECTOR IS NOT PRESENT WHEN THE TRENCH IS BACKFILLED, THE CONTRACTOR MUST EXCAVATE THE MATERIAL AND REFILL THE OPENING WHEN THE INSPECTOR IS PRESENT.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN THE PAVEMENT IN A SMOOTH AND SAFE CONDITION, INCLUDING PAVEMENT SWEEPING AND REMOVAL OF ALL CONSTRUCTION DEBRIS.
- THE CONTRACTOR MUST RESTORE THE PAVEMENT TO COUNTY SPECS.
- THE INSPECTOR MUST BE NOTIFIED UPON COMPLETION OF THE PROJECT.
- ALL COUNTY SURVEY MONUMENTS MUST BE PRESERVED.
- NO BLASTING WILL TAKE PLACE WITHIN THE PUBLIC RIGHT-OF-WAY UNLESS APPROVED BY THE COUNTY ENGINEER. IF APPROVAL IS GIVEN FOR BLASTING, A LICENSED EXPLOSIVE EXPERT MUST BE HIRED. ALL PERMITS FOR BLASTING AND PROPER SAFETY PROCEDURES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THIS INCLUDES ROADSIDE SIGNAGE, PUBLIC NOTICE AND NOTIFICATION OF HOME AND BUSINESS OWNERS.
- AT THE END OF EACH WORK DAY, ALL TRENCHES MUST BE BACKFILLED AS PREVIOUSLY NOTED OR COVERED WITH AN APPROVED STEEL PLATE SO THAT TRAFFIC CAN FLOW SAFELY. AN INSPECTOR WILL BE PRESENT AT THE END OF THE WORK DAY.
- ROAD OPENING PERMITS WILL BE ISSUED BY THE ROAD SUPERVISOR, AND MUST BE KEPT ON THE JOB SITE AT ALL TIMES.
- THE ROAD OPENING PERMIT IS VALID FOR FIFTEEN (15) DAYS. AN EXTENSION CAN BE REQUESTED IF NEEDED. THE EXTENSION MUST BE APPROVED BY THE COUNTY ENGINEER OR THE ROAD SUPERVISOR.
- ROAD OPENINGS ARE ALLOWED BETWEEN THE HOURS OF 9:00 AM AND 3:00 PM. REQUESTS FOR ALTERNATE AND/OR ADDITIONAL HOURS SHALL BE DIRECTED TO EITHER THE COUNTY ENGINEER OR THE COUNTY TRAFFIC ENGINEER.
- A 48 HOUR NOTICE SHALL BE GIVEN TO THE ROAD SUPERVISOR OF THE MERCER COUNTY HIGHWAY DEPARTMENT (609-530-7510) PRIOR TO STARTING CONSTRUCTION AND/OR EXCAVATION.
- ALL PROJECTS SHALL BE REVIEWED & APPROVED BY THE ROAD SUPERVISOR.
- INSPECTIONS MUST BE SCHEDULED WITH THE ROAD SUPERVISOR.
- ALL AGENCIES MUST BE NOTIFIED IN THE EVENT OF A DETOUR OR ROAD CLOSURE: POLICE, FIRE DEPARTMENTS & EMERGENCY PERSONNEL.
- A TRAFFIC CONTROL PLAN SHALL BE REQUIRED. THE COUNTY ENGINEER OR COUNTY TRAFFIC ENGINEER MAY WAIVE THE TRAFFIC CONTROL PLAN IF DEEMED APPROPRIATE.
- COMMUNITY NOTICE SHALL BE GIVEN 48 HOURS PRIOR TO BEGINNING ROADWORK.
- DETOUR AND/OR CAUTION SIGNS, FLASHING LIGHTS, CONES, BARRELS AND/OR CONSTRUCTION BARRICADES SHALL BE IN PLACE PRIOR TO THE BEGINNING OF CONSTRUCTION AS WELL AS DURING AND AFTER WORK HOURS AS DIRECTED BY THE ENGINEER.
- THE REQUIRED SIGNS, ETC. SHALL MEET THE CURRENT MUTCD STANDARDS AND SHALL BE THE CONTRACTOR'S EXPENSE. MERCER COUNTY WILL NOT PROVIDE SIGNS, ETC.
- ANY PERSON OR PERSONS, FIRM, CORPORATION OR MUNICIPALITY VIOLATING ANY PROVISION OF THE MERCER COUNTY ROAD RESOLUTION MAY BE SUBJECT TO A FINE NOT TO EXCEED \$1000.00 PER CALENDAR DAY OR IMPRISONMENT IN THE COUNTY JAIL NOT MORE THAN NINETY (90) DAYS.