



NOTES:

1. REINFORCED CONCRETE CULVERT PIPE, MINIMUM 15" DIAMETER, SHALL BE UTILIZED IN ALL COUNTY RIGHT-OF-WAYS WETHER PAVED OR UNPAVED.
2. CONTRACTOR SHALL HAND COMPACT DGA BENEATH THE HAUNCHES OF FLEXIBLE PIPE TO ENSURE INSTALLATION MEETS OR EXCEEDS MANUFACTURER'S SPECIFICATIONS.
3. IF NO OTHER CONTROLLING FACTORS EXIST, ALL CONCRETE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ACTIVE STANDARD ASTM C1479. ALL THERMOPLASTIC PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ACTIVE STANDARD ASTM D2321.
4. SOIL IN THE OUTER BEDDING, HAUNCH, AND LOWER SIDE ZONES SHALL BE COMPACTED TO AT LEAST THE SAME COMPACTION AS THE MAJORITY OF SOIL IN THE OVERFILL ZONE. SOIL SHALL BE COMPACTED WITHIN 2%± OF OPTIMUM WATER CONTENT.
5. BACKFILLING WITH EXCAVATED MATERIAL SHALL NOT BE PERMITTED IN TRENCHES FOR STORM SEWERS AND ALL OTHER UTILITIES.
6. TYPE OF SEEDING SHALL MEET THE MORRIS COUNTY SOIL CONSERVATION DISTRICT REQUIREMENTS.
7. SURFACE COURSE PAVEMENT SHALL BE PLACED IN TWO STAGES IN ACCORDANCE WITH THE FOLLOWING:
 - A. STAGE I - 2" HMA 9.5M 64 SHALL BE COMPACTED FLUSH TO EXISTING PAVEMENT.
 - B. STAGE II - AFTER 6 MONTHS, THE TRENCH WIDTH PLUS 36" SHALL BE MILLED 2" DEEP AND SHALL BE RESURFACED WITH 2" HMA 9.5M 64 COMPACTED FLUSH TO EXISTING PAVEMENT.

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| FIGURE 500-15 | | |
| MORRIS COUNTY TYPICAL DETAIL TRENCH DETAIL | | |
| NOT TO SCALE | 5/2011 | MOC |

TRENCH DETAIL