

- 7. PRECAST PIERS REVIEWED ON CASE BY CASE BASIS.
- 8. PIPE SHALL BE LINED WITH CARY APPROVED LINING FROM MANHOLE TO MANHOLE.
 - 9. PIER FOUNDATION SUPPORT TYPE SHALL BE DETERMINED BY LICENSED NC PE BASED ON SUBGRADE CONDITIONS AND AT EACH PIER LOCATION INUNDATED IN THE 100-YEAR DESIGN STORM EVENT INCLUDE FOUNDATION ANCHOR DESIGN.
 - 10. EACH PIER EXPOSED TO THE 100-YEAR DESIGN STORM EVENT SHALL BE PROTECTED BY APPROPRIATELY SIZED RIP RAP THAT EXTENDS A MINIMUM OF 6-FEET BEYOND THE PIER.
 - 11. STREAM BANK SLOPES BENEATH THE AERIAL CROSSING SHALL BE PROTECTED BY APPROPRIATELY SIZED RIP RAP AND EXTEND A MINIMUM OF 6-FEET BEYOND THE CENTERLINE OF THE PIPE UPSTREAM AND DOWNSTREAM. RIP RAP SHALL NOT BE ALLOWED IN THE STREAM BED.



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EFFECTIVE: 07/01/21