

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS



UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

| | |
|---------------------------------------|--------|
| Water Line (Sized as Shown) | 12" WL |
| 11¼ Degree Bend | ++ |
| 22½ Degree Bend | +X |
| 45 Degree Bend | +X |
| 90 Degree Bend | +† |
| Plug | |
| Tee | +† |
| Cross | +† |
| Reducer | ▶ |
| Gate Valve | GV |
| Butterfly Valve | BV |
| Tapping Valve | TGV |
| Line Stop | LS |
| Line Stop with Bypass | LS/BP |
| Blow Off | BO |
| Fire Hydrant | PFH |
| Relocate Fire Hydrant | RFH |
| Remove Fire Hydrant | REM FH |
| Water Meter | PWM |
| Relocate Water Meter | RWM |
| Remove Water Meter | REM WM |
| Water Pump Station | PST(W) |
| RPZ Backflow Preventer | PRPZ |
| DCV Backflow Preventer | PBFP |
| Relocate RPZ Backflow Preventer | RRPZ |
| Relocate DCV Backflow Preventer | RBFEP |

PROPOSED SEWER SYMBOLS

| | |
|--|---------|
| Gravity Sewer Line (Sized as Shown) | 12" SS |
| Force Main Sewer Line (Sized as Shown) | 12" FSS |
| Manhole (Sized per Note) | • |
| Sewer Pump Station | PST(SS) |

PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

| | |
|--|--------------------|
| Power Pole | o |
| Telephone Pole | -o- |
| Joint Use Pole | -o- |
| Telephone Pedestal | TEL PED |
| Utility Line by Others (Type as Shown) | PROP O/H POW LINES |
| Trenchless Installation | 12" TL INSTALL |
| Encasement by Open Cut | 24" ENCAS BY OC |
| Encasement | 24" ENCASMENT |

| | |
|-------------------------|----------|
| Thrust Block | |
| Air Release Valve | AR |
| Utility Vault | UV |
| Concrete Pier | CP |
| Steel Pier | SP |
| Plan Note | NOTE |
| Pay Item Note | PAY ITEM |

EXISTING UTILITIES SYMBOLS

| | |
|--|--------|
| Power Pole | • |
| Telephone Pole | • |
| Joint Use Pole | • |
| Utility Pole | • |
| Utility Pole with Base | □ |
| H-Frame Pole | •—• |
| Power Transmission Line Tower | ⊠ |
| Water Manhole | ⊙ |
| Power Manhole | ⊙ |
| Telephone Manhole | ⊙ |
| Sanitary Sewer Manhole | ⊙ |
| Hand Hole for Cable | ⊠ |
| Power Transformer | ⊠ |
| Telephone Pedestal | ⊠ |
| CATV Pedestal | ⊠ |
| Gas Valve | ◇ |
| Gas Meter | ◇ |
| Located Miscellaneous Utility Object | ○ |
| Abandoned According to Utility Records | AATUR |
| End of Information | E.O.I. |

| | |
|---|--------------------|
| *Underground Power Line | P |
| *Underground Telephone Cable | T |
| *Underground Telephone Conduit | TC |
| *Underground Fiber Optics Telephone Cable | T FO |
| *Underground TV Cable | TV |
| *Underground Fiber Optics TV Cable | TV FO |
| *Underground Gas Pipeline | G |
| Aboveground Gas Pipeline | A/G Gas |
| *Underground Water Line | W |
| Aboveground Water Line | A/G Water |
| *Underground Gravity Sanitary Sewer Line | SS |
| Aboveground Gravity Sanitary Sewer Line | A/G Sanitary Sewer |
| *Underground SS Forced Main Line | FSS |
| Underground Unknown Utility Line | ?UL |
| SUE Test Hole | • |
| Water Meter | ○ |
| Water Valve | ⊙ |
| Fire Hydrant | ◇ |
| Sanitary Sewer Cleanout | ⊙ |

*For Existing Utilities

Utility Line Drawn from Record (Type as Shown)

Designated Utility Line (Type as Shown)

I7-MAR-2022 15:55 Engineering\UC\Proj\New 12 WL Bridge Attachment Plans\B4786-Ut-sym-SU2-ps-h.dgn