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PROJECT TYPICAL DETAILS

PROJECT REFERENCE NO.  
DF18314.2044195

SHEET NO.  
UC-3C

DESIGNED BY: TMR

DRAWN BY: TMR

CHECKED BY: JDN

APPROVED BY: JDN

REVISED:

NORTH CAROLINA  
DEPT. OF TRANSPORTATION

UTILITIES ENGINEERING SEC.  
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SEAL  
047349  
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UTILITY CONSTRUCTION  
PLANS ONLY

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

24" CONCRETE

FLOWABLE FILL

SECTION PIPE ABANDONMENT

**NOTE:**

1. PIPE PLUGS SHALL BE INSTALLED TO THE SATISFACTION OF THE ENGINEER.

2. ABANDONED PIPES, 12" AND LARGER, SHALL BE BROKEN INTO EVERY 50' AND SHALL BE FILLED COMPLETELY WITH SAND SLURRY.

SS-D DWG. NO. 24

SCALE: NOT TO SCALE

PIPE ABANDONMENT

2"-3" S9.5B OR S9.5C SURFACE COURSE

11" B25.0C BASE COURSE

EXISTING

1'-0" 2'-0" X 2'-0" 1'-0"

W

D

PAVEMENT REPAIRS ON ROADS TO BE RESURFACED  
(PIPE IS PLACED UNDER EXISTING PAVEMENT)

D	X	W
12"	1'-4"	7'-4"
15"	1'-7"	7'-7"
18"	1'-10"	7'-10"
24"	2'-6"	8'-6"
30"	3'-1"	9'-1"
36"	3'-8"	9'-8"
42"	4'-5"	10'-5"
48"	5'-0"	11'-0"

2" S9.5B OR S9.5C SURFACE COURSE

11" B25.0C BASE COURSE

EXISTING

1'-0" 2'-0" X 2'-0" 1'-0"

W

D

PAVEMENT REPAIRS ON ROADS NOT TO BE RESURFACED  
(PIPE IS TO BE PLACED UNDER EXISTING PAVEMENT)

STATE OF  
NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR  
PAVEMENT REPAIRS  
FOR SUPERPAVE MIX TYPES

SHEET 1 OF 1  
654.01

SECTION Y-Y  
CORED PIPE TYPE

SECTION Y-Y  
HORSESHOE TYPE

SECTION X-X

GENERAL NOTES:

1. THIS STANDARD DETAIL DESCRIBES THE USE OF HORSESHOE TYPE and CORED MANHOLES WITH A CAST-IN-PLACE BOTTOM.

2. USE HORSESHOE TYPE MANHOLE ONLY WITH THE PERMISSION OF THE ENGINEER.

3. FOR HORSESHOE TYPE MANHOLES, WRAP THE PIPE WITH BUTYL RUBBER GASKET, AND SEAL WITH NONSHRINKING GROUT.

STATE OF  
NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR  
PRECAST CONCRETE  
SANITARY SEWER MANHOLE  
WITH CAST-IN-PLACE BOTTOM

SHEET 1 OF 2  
1525.06

