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8/17/99

REVISIONS

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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - SURVEY/SUE - UTILITIES - CONSTRUCTION OBSERVATION

NAD 83/ NA 2011

PROJECT REFERENCE NO.	SHEET NO.
HB-0003	UC-5
DESIGNED BY: PKP	7/2/2024
DRAWN BY: TWR	
CHECKED BY: PKP	
APPROVED BY: SLK	
REVISED:	

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC.
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NORTH CAROLINA PROFESSIONAL SEAL 10773 ENGINEER EDWARD G. WETHERILL

Edward G. Wetherill
UTILITY CONSTRUCTION PLANS ONLY

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

UTILITY CONSTRUCTION

(2) 2″ NCDOT FIBER CONDUITS TO BE INSTALLED AT 36″ DEPTH ACROSS ARCHED CULVERT

600 LF DIRECTIONAL DRILL (2, 2″ HDPE)
600 LF TRACER WIRE
(2) CONDUITS W/ PULL TAPE
CONDUITS AT 48″ MINIMUM DEPTH UNDER PAVED SHOULDER

650 LF COMMUNICATION CABLE (12-FIBER)
(INCLUDES 50 LF AT EACH JUNCTION BOX)

1310 LF REMOVE EXISTING COMMUNICATION CABLE

BEGIN WW FENCE TIE TO EXISTING FENCE -Y1- STA. 11+90.00 62.11' RT

END WW FENCE TIE TO EXISTING FENCE -Y1- STA. 12+40.00 57.16' LT

NCDOT JUNCTION BOX

25 LF UNPAVED TRENCHING (2, 2″ HDPE)
25 LF TRACER WIRE
(2) CONDUITS W/PULL TAPE
CONDUITS AT 36″ MINIMUM DEPTH

125 LF COMMUNICATION CABLE (12-FIBER)
(INCLUDES 50 LF SLACK AT JUNCTION BOX AND 50 LF SLACK AT POLE)

NCDOT JUNCTION BOX

75 LF UNPAVED TRENCHING (2, 2″ HDPE)
75 LF TRACER WIRE
(2) CONDUITS W/ PULL TAPE
CONDUITS AT 36″ MINIMUM DEPTH

175 LF COMMUNICATION CABLE (12-FIBER)
(INCLUDES 50 LF SLACK AT EACH JUNCTION BOX

110 LF COMMUNICATION CABLE (12-FIBER)
(INCLUDES 50 LF SLACK AT EACH JUNCTION BOX

61 LF DIRECTIONAL DRILL (2, 2″ HDPE)
61 LF OF TRACER WIRE
(2) CONDUITS W/PULL TAPE

715 LF DIRECTIONAL DRILL (2, 2″ HDPE)
715 LF TRACER WIRE
(2) CONDUITS W/ PULL TAPE

815 LF COMMUNICATION CABLE (12-FIBER)
(INCLUDES 50 LF SLACK AT EACH JUNCTION BOX

NCDOT JUNCTION BOX

MATCHLINE -L- STA. 185+00 SEE SHEET UC-4

MATCHLINE -L- STA. 198+00 SEE SHEET UC-6

I-40 WB
I-40 EB
-DET-WBL-
-DET-EBL-
INCINERATOR RD
PROPOSED TEMP DRIVEWAY
RETAIN
REMOVE
PROP U/G COMMUN CONDUIT
PROP U/G POW CABLES
PROP U/G FOC CABLES
PROP O/H TEL LINES
PROPOSED CULVERT EXTENSION 2 @ 9′-X 8′ RCBC (BURIED 1 FT.) W/ SILLS
24″ w/2 ELBOWS
6′ CSP
WW FENCE
SENSOR CABINET STATION
POLE/ MESSENGER
TYPE B-77
FLOWABLE FILL
9′ X 7′ DOUBLE BARREL CONC BOX CULVERT
6″ CURB
36″ HDPE
24″ RCP-IV
15″ RCP-IV
48″ WW (SBW)
6″ PVC FSS
4″ PVC FSS
GREU TL-2
GREU TL-3
GRFU TL-2
GRFU TL-3
TH-1 N = 678240.58′ E = 848701.58′ TOP OF UTILITY = 2630.83′ DEPTH = 3.36′
TH-2 N = 678143.24′ E = 848747.27′ TOP OF UTILITY = 2629.26′ DEPTH = 3.42′
TH-3 N = 678052.44′ E = 848734.66′ TOP OF UTILITY = 2625.45′ DEPTH = 3.97′
TH-4 N = 678108.26′ E = 848734.83′ TOP OF UTILITY = 2626.24′ DEPTH = 3.85′
TH-5 N = 678315.98′ E = 849027.78′ TOP OF UTILITY = 2631.98′ DEPTH = 3.12′

ABANDON 300 LF 6″ UTILITY PIPE
ABANDON IN PLACE
WITH FLOWABLE FILL

296 LF 6″ FORCE MAIN SEWER
FSS-1; PVC C900 DR18
WITH TRACER WIRE

TIE INTO EXISTING 6″ FORCE MAIN SEWER WITH LONG PATTERN SLEEVE AND CONCRETE THRUST COLLAR

TIE INTO EXISTING 6″ FORCE MAIN SEWER WITH LONG PATTERN SLEEVE AND CONCRETE THRUST COLLAR

EXISTING 6″ FORCE MAIN SEWER (TO REMAIN)

EXISTING ARV (TO REMAIN)

MODIFY EXISTING UTILITY MANHOLE
6″ THICK CONCRETE COLLAR AROUND EXISTING MANHOLE AND REPLACE LID WITH HS-25 RATING

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BLUE RIDGE PAPER PRODUCTS INC.
DB 472 PG 1073

NOTE:
THE ESTIMATED QUANTITY OF DUCTILE IRON SEWER PIPE FITTINGS ON THIS PLAN SHEET IS 375 POUNDS. THE ACTUAL QUANTITY AND TYPE OF FITTINGS WILL VARY BASED ON FIELD CONDITIONS.

SEE SHEET UC-7 FOR FSS-1 PROFILE

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7/1/2024
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