DGN 0400DEL_P30

CLTWATER PROJECT NUMBER: 529-15-033 (WATER)
CLTWATER PROJECT NUMBER: 324-15-542 (SEWER)

PROJECT REFERENCE NO.	SHEET NO.
U-5008	UC-9

DESIGNED BY: JWW
DRAWN BY: JWW
CHECKED BY: KEH
APPROVED BY:
REVISED:

6/1/2015

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 020160 KEITH E. HAYES

SEPI ENGINEERING & CONSTRUCTION
11020 David Taylor Dr. Suite 115
Charlotte, NC 28262
Tel:704-714-4883
Fax:704-714-4885
License: C-2197

UTILITY CONSTRUCTION PLANS ONLY

-L-
E. SUGAR CREEK ROAD

BEGIN MILLING & RESURFACING
BEGIN TIP PROJECT U-5008
-L- STA.10+64.82
EL=753.62

EXISTING MANHOLE ADJUST RIM TO GRADE

-L- STA.13+99.59
-Y1- STA.12+71.42

-L- STA.15+88.38
-Y2- STA.10+00.08
-Y3REV- STA.19+52.92

PROPOSED MANHOLE *SJ-23
-L- STA.14+58.14, 14.32' LT
(MH STA.6+41.63)

PROPOSED MANHOLE *SJ-22
-L- STA.15+75.08, 6.74' LT
(MH STA.5+26.88) =
(MH STA.0+00.00)

PROPOSED MANHOLE *SJ-21
-L- STA.17+00.00, 62.10' LT
(MH STA.3+90.04)

8" OUTSIDE DROP ASSEMBLY

PROP.GRADE -L-

PROP.GRADE @ SEWER LINE

EXIST.GRADE -L-

EXIST.12" SANITARY SEWER TO REMAIN

PROP.RIM = 747.90'
EXIST.INV.IN = 740.33'
PROP.INV.OUT = 739.23'

114.95 LF @0.60%

136.64 LF @0.60%

735.65

PROP.RIM = 749.80'
PROP.INV.IN = 738.54' (S)
PROP.INV.IN = 738.54' (E)
PROP.INV.OUT = 738.34'

PROPOSED 12" D.I.P. SANITARY SEWER
359.87 LF @0.60%

(-)0.5524%
PROP.RIM = 752.50'
PROP.INV.IN = 737.52'
PROP.INV.OUT = 737.32'

(-)0.4668%

PROPOSED MANHOLE *SJ-20
-L- STA.20+43.07, 115.19' LT
(MH STA.0+30.27)

PROPOSED MANHOLE *SJ-19
-L- STA.20+73.33 =
-Y4- STA.15+35.00
(MH STA.0+00.00)

PROP.RIM = 746.50'
PROP.INV.IN = 735.16'
PROP.INV.OUT = 734.96'

PROP.RIM = 745.00'
PROP.INV.IN = 734.91' (W)
PROP.INV.IN = 734.78' (S)
PROP.INV.OUT = 734.58'

BEGIN BRIDGE
-L- STA.20+05.51

PROP.RIM = 746.10'
PROP.INV.IN = 734.33' (E)
PROP.INV.IN = 734.00' (W)
PROP.INV.OUT = 733.80'

PROPOSED MANHOLE *SJ-18
(MH STA.0+55.87)

PROPOSED MANHOLE *SJ-17
(MH STA.0+00.00)
(BY OTHERS SSMH-25)

732.94

55.87 LF @0.60%

(-)0.6131%
-L- STA.20+75.46=
-Y4- STA.14+28.96

30.27 LF @0.60%

PROP.RIM = 743.20'
PROP.INV.IN = 733.46'
EXIST.INV.OUT = 732.64'
(FROM BLE)

EXIST.GRADE -L-

PROP.RIM = 741.00'
EXIST.INV.IN = 731.73'
(FROM BLE)
PROP.INV.OUT = 729.33'

PROPOSED MANHOLE *SJ-16
(MH STA.4+28.44)
(BY OTHERS SSMH-24)

1" AIR RELEASE VALVE STA.11+70

BEGIN W/L CONSTRUCTION
TIE TO EXIST.8" DI WATERLINE
-L- STA.11+70.00

430 LF 8" WATERLINE
D.I.P. RESTRAINED JOINT, PC 350, 3' MIN. COVER
END W/L CONSTRUCTION TIE TO 8" DI WATERLINE -L- STA.15+90.00

END W/L CONSTRUCTION
TIE TO 8" DI WATERLINE
-L- STA.15+90.00

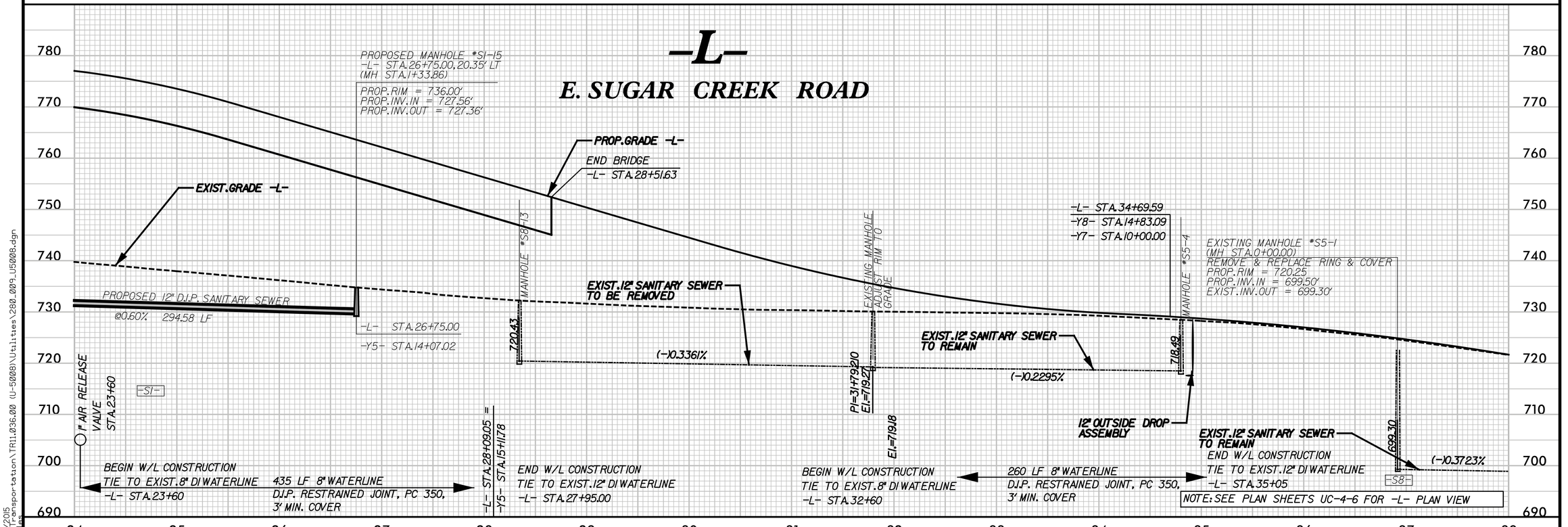
PI=18+82.860
El.=734.29

EXIST.12" SANITARY SEWER TO BE REMOVED
-L- STA.20+45.05 =
-Y4- STA.14+54.24

PI=20+32.840
El.=733.51

PROPOSED 10" DI WATERLINE, SSMH-24, SSMH-25 AND 10" DI SANITARY SEWER (BY OTHERS - LYNX BLE PROJECT, SEGMENT A)

-SJ-



6/1/2015
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