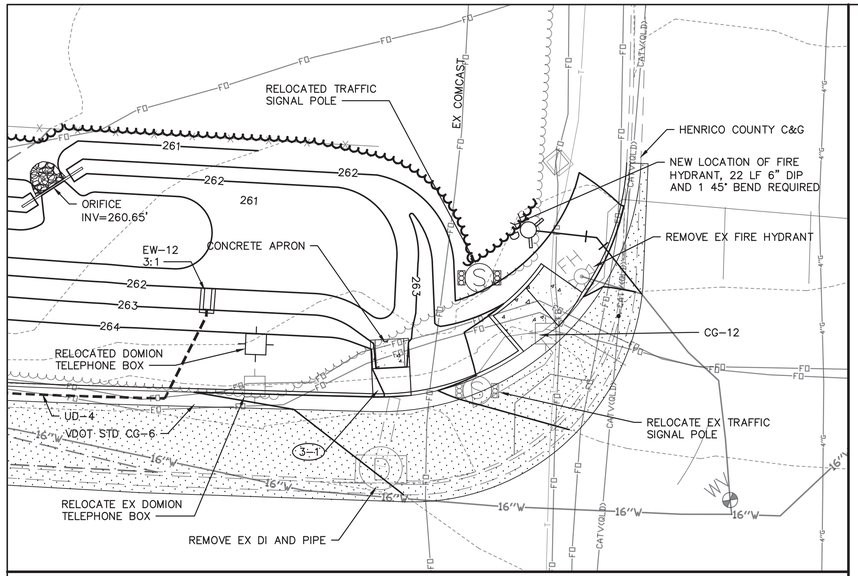


LEGEND

- EXISTING 5' WIRE LIMITED ACCESS FENCE
- EXISTING FIBER OPTIC
- EXISTING 16" DUCTILE IRON WATERLINE
- EXISTING 8" GAS LINE
- ROAD PAVEMENT
- SHOULDER PAVEMENT

STORM SEWER SCHEDULE

(3-1) DI-3B (MOD) L=4', TOP= 263.93, REFER TO DETAIL ON 2C FOR MODIFICATIONS.

NOTES

1. CURB RETURN AND CG-12 ELEVATIONS ARE SHOWN ON SHEET 2B.
2. VDOT CG-12 STANDARD DETAIL SHOWN ON SHEET 2C.
3. ERADICATE THE EXISTING PAVEMENT STRIPING FOR THE EXISTING NORTHERN EDGE OF PAVEMENT FROM THE END OF THE EXISTING CURB AND GUTTER, STA 121+59.92 TO STA 125-25.00.
4. INSTALL NEW FIRE HYDRANT IN THE LOCATION SHOWN. REMOVE EXISTING FIRE HYDRANT AND 8' OF EXISTING 6" WATER LINE. EXTEND 6" HYDRANT LEAD WITH 19 FEET OF 6" DUCTILE IRON PIPE AND ONE 6"x 45° BEND AS SHOWN.

NAD 83

⚠ ST'D VDOT CG-12B CURB CUT RAMP REQ'D

CURB RETURN DATA
HENRICO COUNTY C&G

(1)
Δ = 41°41'37"
T = 13.33'
L = 22.471'
R = 35.00'

(2)
TRANSITION GUTTER PAN FROM HENRICO COUNTY WIDTH OF 1.5' TO VDOT GUTTER WIDTH OF 2.0'

(3)
VDOT STD CG-6
Δ = 37°12'32"
T = 111.61'
L = 22.406'
R = 34.50'

BENEVOLENT PROTECTIVE ORDER OF ELKS, LODGE 45
D.B. 1691, PG 15
GPIN: 750-768-4929
ZONING: A-1

HIGHWOODS REALTY LP
D.B. 2971, PG. 2400
D.B. 2712, PG. 2548
GPIN: 750-768-8514
ZONING: M-1

HIGHWOODS REALTY
LIMITED PARTNERSHIP
D.B. 3014, PG. 1247
GPIN: 750-768-0643
ZONING: M-1

TBM-CONTROL POINT 6
N: 3767778.323
E: 11750365.529
ELEV: 257.45

TBM-CONTROL POINT 206
N: 3767771.765
E: 11750361.692
ELEV: 258.60

TBM-CONTROL POINT 5
N: 3768002.772
E: 11750025.166
ELEV: 262.24

TBM-CONTROL POINT 205
N: 3767997.451
E: 11750008.908
ELEV: 262.91

EXISTING R/W
S 50°34'55" E 464.14'
N 35°47'52" E 85.55'
R730.7', L406.03'
R100.28', L52.81'
LAKE BROOK DRIVE
60' R/W
P.B. 80, PG. 57-58
P.B. 113, PG. 117
ELKS PASS LANE
EX INV=256.71
EX 15" CMP
EX INV=256.83
EX 4"PL G
EX UNK
EX 12"W DUCTILE IRON
EX VERIZON
EX COMCAST
EX CATV(UD)
REMOVE EX FH REFER TO NOTE #4
DISCHARGE PT A
3' WIDE BOTTOM
1' DEEP
3:1 SIDES
≈ 180 C.F. VOLUME
EX DOMINION POWER (SINGLE PHASE PRIMARY)
S 45°27'47" E 178.45'
MODIFIED CHECK DAM PER BMP CLEARING HOUSE FIGURE 10.3
1-3" DIA. ROUNDED COBBLE GRAVEL TO BE PLACED 6" DEEP AND UNDERLAIN BY NON-WOVEN FILTER FABRIC
EDGE OF SHOULDER
END PAVED SHOULDER
+19.18 56.18
EX DUCTILE IRON
RAMP TO I-295 SOUTH
8' PAVED SHOULDER
1' PER WP-2 (DETAIL ON SHEET 2)
+25.00 47.31
+06.77 54.96
PAINTED LANE MARKING
VDOT OVERHEAD STRUCTURE
EW-12 3:1
EX "TO I-295" VDOT SIGN
EX 262.93
13.23'
+56.77 48.46
CURB TO DITCH TRANSITION
CLEARING LIMITS
EX 5' WIRE LIMITED ACCESS FENCE
UD-4
EX MFS
EX TELEGRAPH
EX SIGN
EX LUMINOUS
FOHP
R2065.98'
+39.54 48.53
EX SHOULDER TAPER
N 50°34'18" W
+62.50 46.02
EX SIGN "45" MPH
EX END C&G
11' LANE
HIGH PT
+40.37 47.93
DISCHARGE PT B
2' WIDE BERM
≈1,050 C.F. VOLUME
VDOT ST'D CG-6 REQ'D
BY OTHERS PRIOR TO THIS PROJECT
MOVE EX TRAFFIC BOX
SIGNAL POLE, NEW LOCATION
MOVE EX TRAFFIC SIGNAL POLE
5.33'X4' CONC APRON
EX HENRICO CO C&G
PT17+77.89
EX FIBER BOX, FOHB
FIRE HYDRANT
+97.13 50.01
STD HENRICO CO. C&G
EW-12 3:1
260.75
R721.61'
EX FH BASE ONLY
TO EX LOOP
SIZE CHANGES APPROX LOCATION
EX 12" DIP
+42.10 46.75
1' PER WP-2 (DETAIL ON SHEET 2)
RELOCATED DOM-TEL BOX
RELOCATE EX BOX
REMOVE EX INLET AND PIPE
EX VERIZON
PT119+00.00
119+00
EX DI TOP=264.51 18" RCP INV-262.05 (BOTH)
EX TRAFFIC UTILITY BOX
PRC120+97.54
NUCKOLS ROAD
VARIABLE WIDTH LIMITED ACCESS R/W
D.B. 1725, PG. 1202
D.B. 1732, PG. 792-D.B.1775, PG. 778
D.B. 1732, PG. 1243
EX SIGN "NO U-TURN"
EX SIGN "END STATE MAINTENANCE"
PT122+95.07
EX GV
EX GTS
SADLER ROAD
N 41°53'56" W
126+00
125+00
124+00
123+00
122+00
121+00
120+00
19+00
18+00
17+00
STEEL
8"G
MAP FEE OWNER LLC
GPIN: 749-767-6576
ZONING: O-2

NUCKOLS ROAD
CONSTRUCTION C/L
Δ=6°45'42" LT
D=3.42306°
T=98.88'
L=197.54'
R=1673.86'
PRC=120+97.54
PI=121+96.42
PT=122+95.07
V=50 MPH

NUCKOLS ROAD
CONSTRUCTION C/L
Δ=6°45'42" RT
D=3.42306°
T=98.88'
L=197.54'
R=1673.86'
PC=119+00.00
PI=119+98.88
PRC=120+97.53
V=50 MPH

Ⓐ P.O.T. 118.58.38 NUCKOLS ROAD
P.O.T. 18+75.06 SADLER ROAD
P.O.T. 18+75.06 LAKE BROOK DRIVE

GRAPHIC SCALE: 1" = 25'
0 25 50 75

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COMMONWEALTH OF VIRGINIA
MATTHEW T. PARIS
Lic. No. 107263
9/25/2017
PROFESSIONAL ENGINEER

REVISIONS:

DESIGNED: MTP/RGM
DETAILED:
DRAWN: CTH/RGM
CHECKED: CTH

KOONTZ BRYANT JOHNSON WILLIAMS
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804-740-9200 FAX (804) 740-7338 www.KBJWgroup.com

NUCKOLS ROAD TURN LANE
I-295 RAMP EXTENSION
THREE CHOPT DISTRICT
HENRICO COUNTY, VIRGINIA

CONSTRUCTION PLAN

DATE: AUGUST 25, 2017

JN: 16025.004