BRISTOL DISTRICT DESIGN UNIT

PROJECT MANAGER _JEREMY MULLINS, P.E. 276-696-3259 (BRISTOL)
SURVEYED BY, DATE _L.B. COMBS, L.S. (276) 628-4237 (BRISTOL)
DESIGN BY _ANDY STOCKNER (276) 696-3263 (BRISTOL)
SUBSURFACE UTILITY BY, DATE _N/A

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
05-19-15 06-08-15 11-04-15	VA.	661	0661 - 052 - 750, C501 P101 R201	3

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

"FLATWOODS ROAD"

VDOT Location & Design Bristol, Virginia ROADWAY ENGINEER	VDOT Location & Design Bristol, Virginia HYDRAULIC ENGINEER

BEGIN PROJECT 0661-052-750, RW-201, PE-101
STATION 10+00.00

BEGIN PAVEMENT TRANSITION
STATION 10+00.00

BEGIN PROJECT 0661-052-750, C-501
STATION 11+25.00

END PAVEMENT TRANSITION
STATION 11+25.00

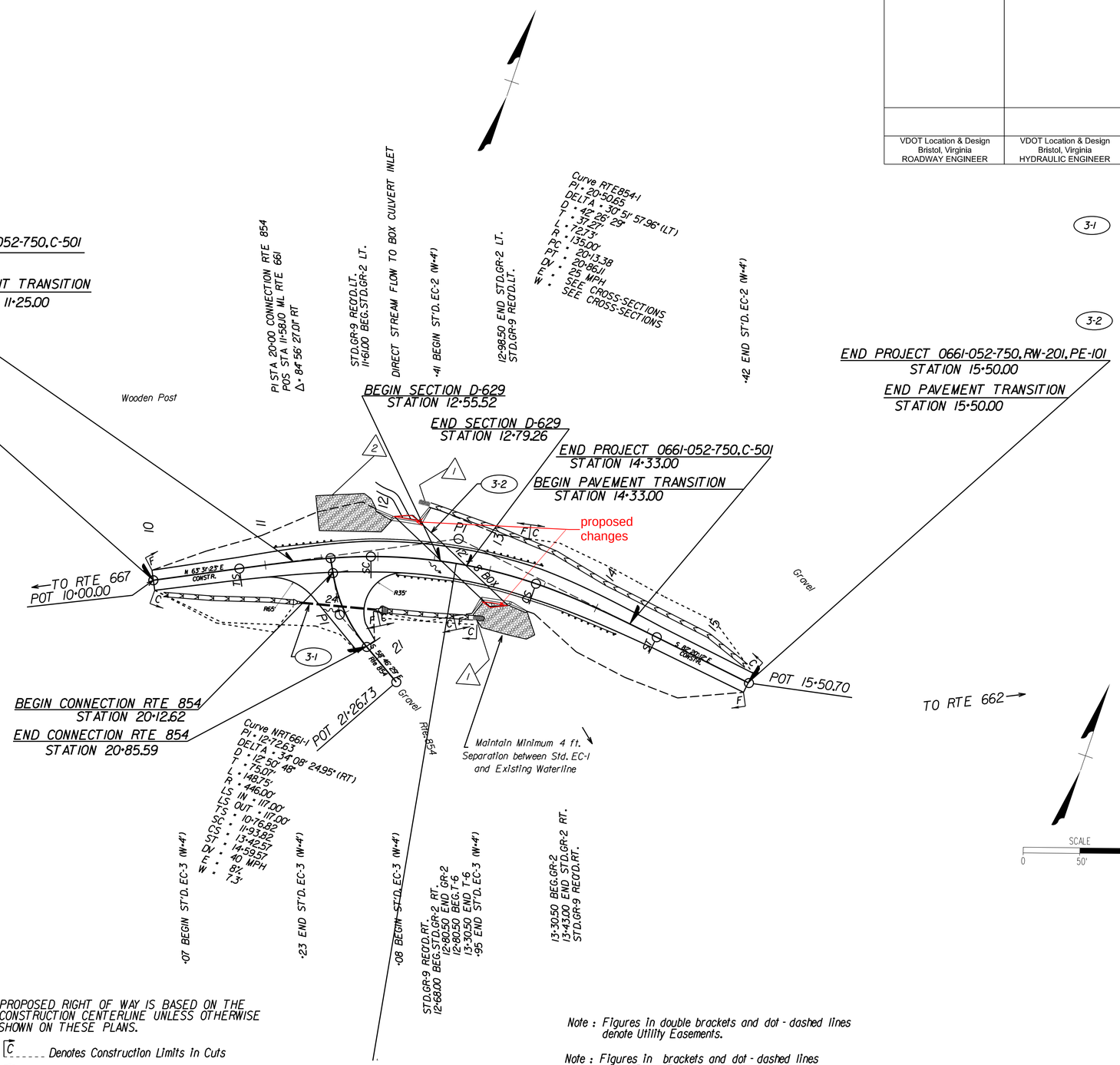
UTILITY OWNERS

Power: Powell Valley Electric Coop
P.O. Box 1528
New Tazewell, TN 37825-1528
ATTN: Mr. Raymond Carter
Practical Engineer
(423) 626-5204

Telephone/Cable: Verizon
P.O. Box 2137
Lebanon, VA 24266
ATTN: Mr. Wesley Adams
(276) 870-2408

Water/Sewer: Lee County PSA
PO Box 830
Jonesville, VA 24263
ATTN: Mr. Tracy Puckett
Administrator
(276) 346-7775

TV/FO: Sunset Digital
PO Box 405
Duffield, VA 24244
ATTN: Mr. Wade Clark
(276) 431-7200

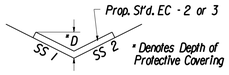


DRAINAGE DESCRIPTIONS

(3-1)
68' - 24" PIPE REQ'D. (MIN. 2' COVER)
INV.(IN) 1288.09 INV.(OUT) 1283.14
2 ST'D. ES-1 OR 2 REQ'D.
5 TONS ST'D. EC-1 CLASS I REQ'D. TYPE "A" INSTALLATION

(3-2)
118' ~~110'~~ - 12' (SPAN) X 8' (HGHT) PRECAST BOX CULVERT REQ'D
(6' COVER) (55° SKEW) (CONSTRUCTION CENTERLINE)
INV.(IN) 1274.11' INV.(OUT) 1272.71'
INVERTS ABOVE REFLECT 6" COUNTERSINK
~~SEE SKEWED BOX DETAILS~~ ENDWALL/HEADWALL SKEW 43°
2 TYPE I (L) & 2 TYPE II (L) WINGS REQ'D.
237 TONS EROSION CONTROL STONE CLASS I REQ'D. AT OULTET
ST'D. EC-1 TYPE "B" INSTALLATION REQ'D.
179 CY MINOR STRUCTURE EXCAVATION
2 ST'D. EC-8 TEMP. DEWATERING BASIN REQ'D.

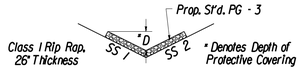
TYPICAL SECTION
Prop. Placement of Protective Covering
St'd. EC - 2 and/or EC - 3



Station	to	Station	Lining	Length	SS 1	SS 2	*D
10+07 Rt.	to	11+23 Rt.	EC - 3	116'	4:1	2:1	See X-Sections
12+08 Rt.	to	12+95 Rt.	EC - 3	76'	2:1	2:1	See X-Sections
12+41 Lt.	to	15+42 Lt.	EC - 2	316'	See X-Sections		See X-Sections

NOT TO SCALE

TYPICAL SECTION
Prop. Placement of Protective Covering
St'd. PG - 3



Station	to	Station	Length	SS 1	SS 2	*D
12+95 Rt.	to	13+05 Rt.	10'	2:1	2:1	1.0' min.
12+32 Lt.	to	12+42 Lt.	10'	2:1	2:1	1.0' min.

NOT TO SCALE

PROPOSED RIGHT OF WAY IS BASED ON THE CONSTRUCTION CENTERLINE UNLESS OTHERWISE SHOWN ON THESE PLANS.

C _____ Denotes Construction Limits In Cuts

F _____ Denotes Construction Limits In Fills

DENOTES DEMOLITION OF PAVEMENT

DENOTES PROPOSED PAVEMENT

(1) 10 ft. - St'd PG-3 Type I Req'd.
7 Tons Dry Riprap Class I Req'd.
See Typical Section (This Sheet)

(2) 575 Tons Stone Erosion Control Type II Class I Stone
Riprap Slope Protection Req'd.

Note : Figures in double brackets and dot - dashed lines denote Utility Easements.

Note : Figures in brackets and dot - dashed lines denote Perm. Easements.

(1) 375' - Permanent variable width standard utility easement required for the Commonwealth of Virginia Department of Transportation.

(2) 10 ft. - St'd PG-3 Type I Req'd.
7 Tons Dry Riprap Class I Req'd.
Riprap Slope Protection Req'd..

REFERENCES
(PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Mainline Profile	3A
Right of Way	3RW

SCALE
0 50' 100'

PROJECT	SHEET NO.
0661-052-750	3