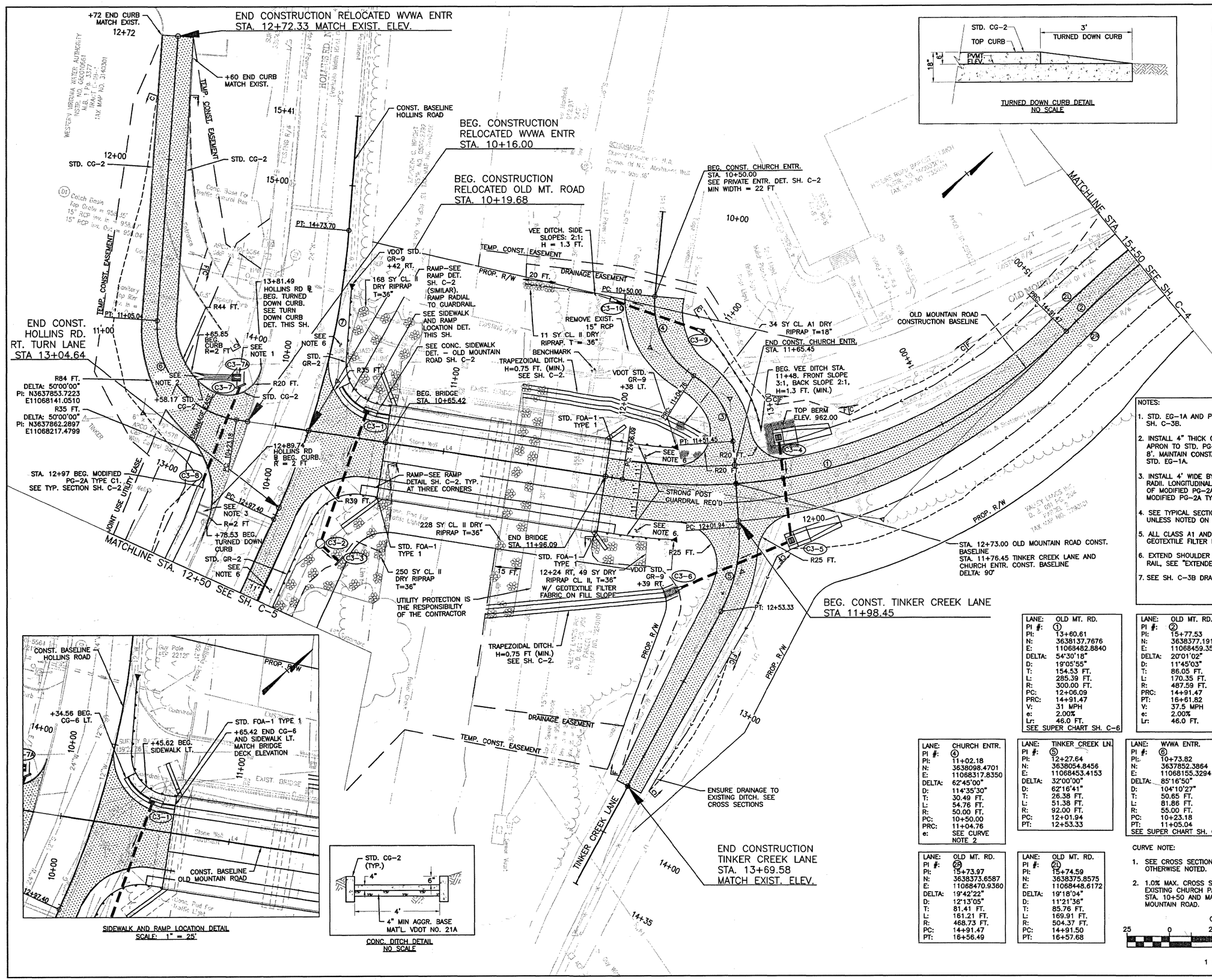

TURNED DOWN CURB DETAIL
NO SCALE

LEGEND:

- CUT LIMITS
- FILL LIMITS
- DITCH, EC-2
- DITCH, EARTH
- 955 MAJOR CONTOURS PROP.
- MINOR CONTOURS PROP.
- CLASS A1 DRY RIPRAP
- CLASS II DRY RIPRAP
- PROP. PAVEMENT
- CONST. ℄ P.I.
- PROP. PIPE
- PROP. END SECTION

NOTES:

1. STD. EG-1A AND PG-2A TYPE E. DRAIN TO STR. C3-7. SEE SH. C-3B.
2. INSTALL 4" THICK CONC. APRON 8' FROM EP. TRANSITION APRON TO STD. PG-5 (D=1', W=1', 1:1 SIDE SLOPES) OVER 8'. MAINTAIN CONSTANT LONGITUDINAL SLOPE FROM EP TO STD. EG-1A.
3. INSTALL 4' WIDE BY 8' LONG CONC. PAD ADJACENT TO CG-2 RADII. LONGITUDINAL SLOPE 3:1. TOP OF PAD TO MATCH TOP OF MODIFIED PG-2A TYPE C1. USE DOWELS TO ATTACH TO MODIFIED PG-2A TYPE C1. SEE CONC. DITCH DET. THIS SH.
4. SEE TYPICAL SECTIONS (SH. C-2) FOR DITCH SECTION, UNLESS NOTED ON THIS PLAN SHEET.
5. ALL CLASS A1 AND II DRY RIPRAP SHALL BE PLACED ON GEOTEXTILE FILTER FABRIC.
6. EXTEND SHOULDER PAVEMENT WIDTH FOR LENGTH OF GUARD-RAIL, SEE "EXTENDED PAVED SHOULDER DETAIL," SH. C-2.
7. SEE SH. C-3B DRAINAGE STRUCTURE DESCRIPTIONS.

LANE:	OLD MT. RD.
PI #:	1
PI:	13+60.61
N:	3638137.7676
E:	11068482.8840
DELTA:	54°30'18"
D:	19°05'55"
T:	154.53 FT.
L:	285.39 FT.
R:	300.00 FT.
PC:	12+06.09
PRC:	14+91.47
V:	31 MPH
e:	2.00%
Lr:	46.0 FT.
SEE SUPER CHART SH. C-6	

LANE:	OLD MT. RD.
PI #:	2
PI:	15+77.53
N:	3638377.1919
E:	11068459.3519
DELTA:	20°01'02"
D:	11°45'03"
T:	86.05 FT.
L:	170.35 FT.
R:	487.59 FT.
PRC:	14+91.47
PT:	16+61.82
V:	37.5 MPH
e:	2.00%
Lr:	46.0 FT.

LANE:	CHURCH ENTR.
PI #:	3
PI:	10+50.00
N:	3638115.0720
E:	11068370.9951
DELTA:	53°30'00"
D:	114°35'30"
T:	25.20 FT.
L:	46.69 FT.
R:	50.00 FT.
PRC:	11+04.76
PT:	11+51.45
e:	SEE CURVE NOTE 2

LANE:	CHURCH ENTR.
PI #:	4
PI:	11+02.18
N:	3638098.4701
E:	11068317.8350
DELTA:	62°45'00"
D:	114°35'30"
T:	30.49 FT.
L:	54.76 FT.
R:	50.00 FT.
PC:	10+50.00
PRC:	11+04.76
e:	SEE CURVE NOTE 2

LANE:	TINKER CREEK LN.
PI #:	5
PI:	12+27.64
N:	3638054.8456
E:	11068453.4153
DELTA:	32°00'00"
D:	62°16'41"
T:	26.38 FT.
L:	51.38 FT.
R:	92.00 FT.
PC:	12+01.94
PT:	12+53.33

LANE:	WVWA ENTR.
PI #:	6
PI:	10+73.82
N:	3637852.3864
E:	11068155.3294
DELTA:	85°16'50"
D:	104°10'27"
T:	50.65 FT.
L:	81.86 FT.
R:	55.00 FT.
PC:	10+23.18
PT:	11+05.04
SEE SUPER CHART SH. C-7	

LANE:	HOLLINS RD.
PI #:	7
PI:	13+86.47
N:	3637945.2891
E:	11068214.4651
DELTA:	20°12'09"
D:	11°27'33"
T:	89.07 FT.
L:	176.30 FT.
R:	500.00 FT.
PC:	12+97.40
PT:	14+73.70

LANE:	OLD MT. RD.
PI #:	28
PI:	15+73.97
N:	3638373.6587
E:	11068470.9360
DELTA:	19°42'22"
D:	12°13'05"
T:	81.41 FT.
L:	161.21 FT.
R:	468.73 FT.
PC:	14+91.47
PT:	16+56.49

LANE:	OLD MT. RD.
PI #:	21
PI:	15+74.59
N:	3638375.8575
E:	11068448.6172
DELTA:	19°18'04"
D:	11°21'36"
T:	85.76 FT.
L:	169.91 FT.
R:	504.37 FT.
PC:	14+91.50
PT:	16+57.68

CURVE NOTE:

1. SEE CROSS SECTIONS FOR SUPER ELEVATION UNLESS OTHERWISE NOTED.
2. 1.0% MAX. CROSS SLOPE TO THE RIGHT. MATCH EXISTING CHURCH PARKING LOT CROSS SLOPE AT STA. 10+50 AND MATCH PROPOSED GRADE OF OLD MOUNTAIN ROAD.

GRAPHIC SCALE

25 0 25 50 100

(IN FEET)
1 inch = 25 ft.

SIDEWALK AND RAMP LOCATION DETAIL
SCALE: 1" = 25'

CONC. DITCH DETAIL
NO SCALE

COMMONWEALTH OF VIRGINIA
MICHAEL S. AGEE
Lic. No. 15232
1/22/13
PROFESSIONAL ENGINEER

Revisions	Date

Issue Date: 1/22/13
Drawn By: THL
Designed By: THL
Checked By: MSA
Date: 1/22/13

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ROUTE 605 (OLD MOUNTAIN ROAD) BRIDGE REPLACEMENT

PLAN: PROPOSED RE-ALIGNMENT

CITY OF ROANOKE, VIRGINIA

Vertical Scale: N/A
Horizontal Scale: 1" = 25'
Commission Number: 3154A
Sheet No.: C-3

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