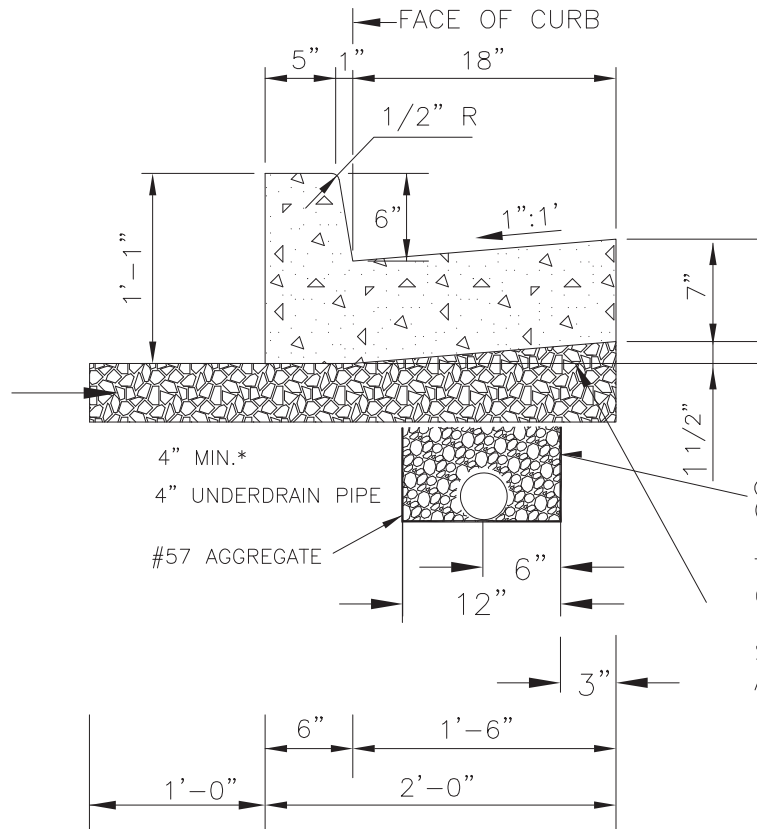

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4" #21B STONE (MIN)
DEPTH TO MATCH
SUBGRADE



GEOTEXTILE DRAINAGE FABRIC
(OVERLAP 1'-0" @ TOP)

THE BOTTOM OF THE CURB AND
GUTTER MAY BE CONSTRUCTED
PARALLEL TO THE SLOPE OF
SUBSURFACE COURSES PROVIDED
A MINIMUM DEPTH OF 7" IS
MAINTAINED.

NOTES:

1. #21-B STONE SHALL BE COMPACTED IN ACCORDANCE WITH DPW DESIGN MANUAL SECTION 2.48.
2. CONCRETE SHALL BE CLASS A-3
- * MAINTAIN 4" MIN #57 STONE ABOVE TOP OF UNDERDRAIN PIPE

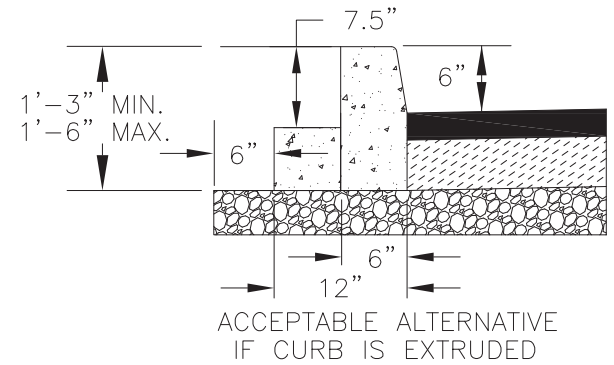
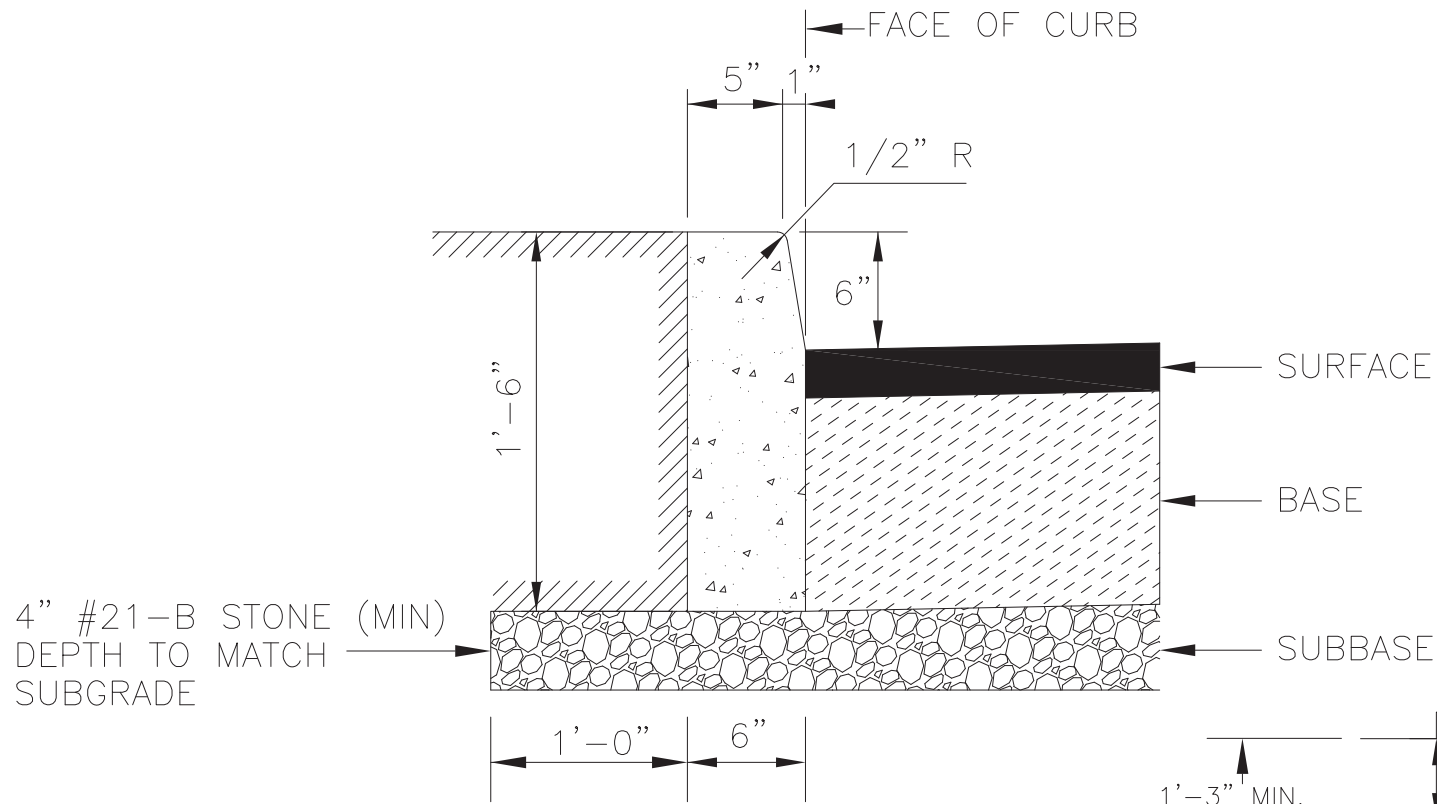


CURB AND GUTTER

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-3.DWG



NOTES:

1. #21-B STONE SHALL BE COMPACTED IN ACCORDANCE WITH DPW DESIGN MANUAL SECTION 2.48.
2. CONCRETE SHALL BE CLASS A-3

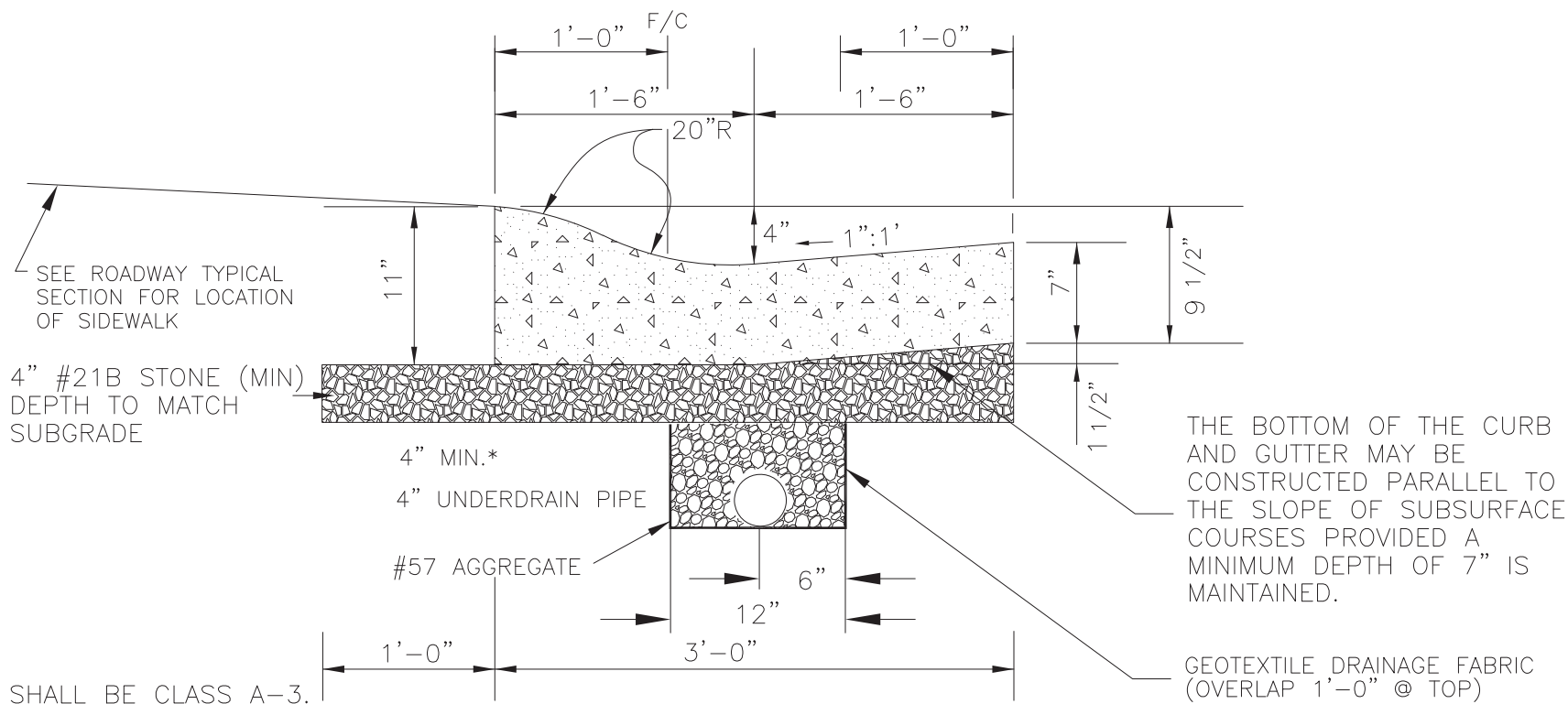


INDEPENDENT CURB

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-4.DWG



NOTES:

1. CONCRETE SHALL BE CLASS A-3.
2. APRONS ARE NOT REQUIRED AT DRIVEWAYS WITH ROLL FACE CURB AND GUTTER UNLESS A CURB CUT DETAIL IS USED.
3. TYPE 'B' NOSE IS REQUIRED ON ALL INLETS INSTALLED WITH ROLL FACE CURB AND GUTTER. FOR CURB AND GUTTER TRANSITIONS SEE ROLL FACE CURB TRANSITIONS IN APPENDIX 'C' OF THIS MANUAL.
4. #21-B STONE SHALL BE COMPACTED IN ACCORDANCE WITH DPW DESIGN MANUAL SECTION 2.48.
5. CONCRETE SIDEWALK SHALL EXTEND ACROSS DRIVEWAY. SIDEWALK CROSS SLOPE (2%) MUST BE MAINTAINED. DRIVEWAY RUNNING GRADE TO BEGIN AT BACK SIDE OF SIDEWALK.

* MAINTAIN 4" MIN #57 STONE ABOVE TOP OF UNDERDRAIN PIPE

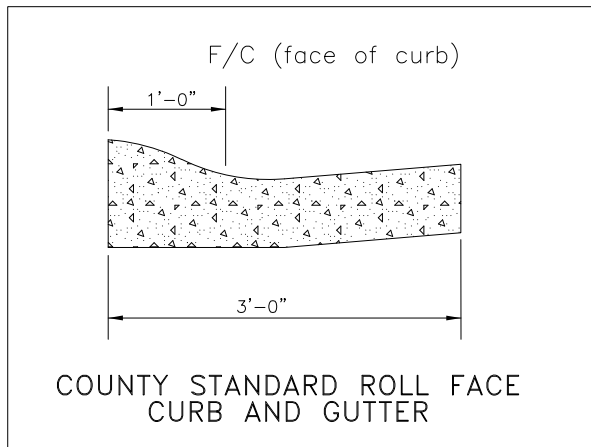
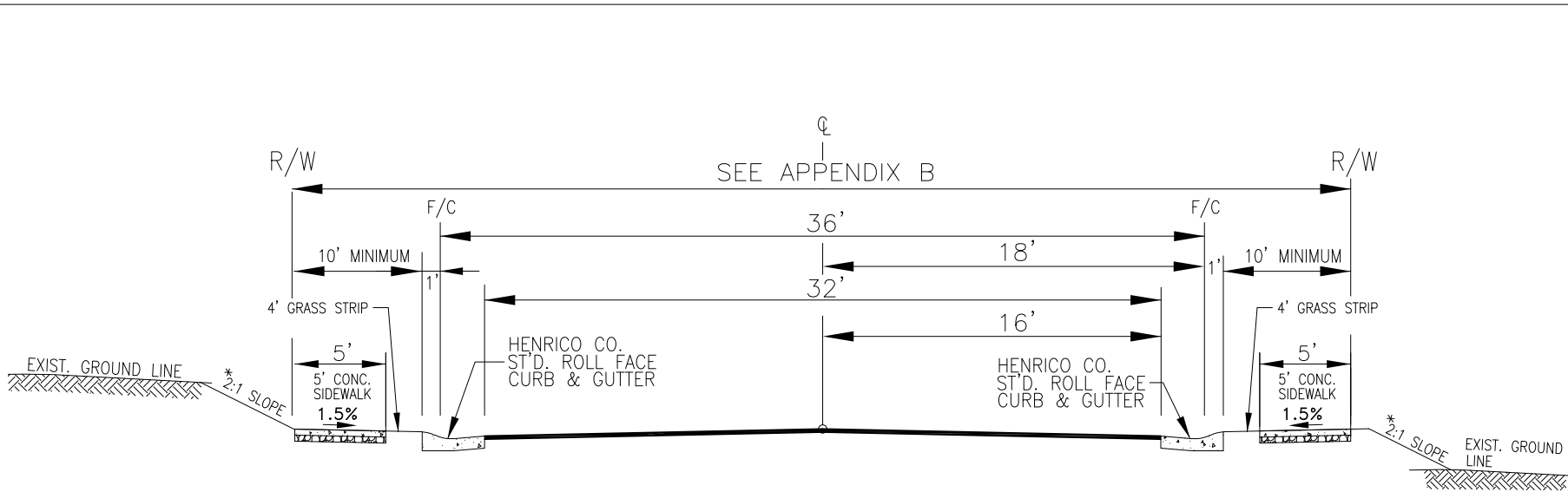
ROLL FACE CURB AND GUTTER

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-5.DWG





NOTES:

1. FOR ADDITIONAL DETAILS ON ROLL FACE CURB AND GUTTER SEE DETAIL SHEET FOR ROLL FACE CURB AND GUTTER IN APPENDIX 'C' OF THIS MANUAL.
2. FOR ADDITIONAL DETAILS ON TYPICAL SECTIONS SEE APPENDIX 'B' OF THIS MANUAL.
3. INSTALLATION OF INLETS WITH ROLL FACE CURB AND GUTTER MUST UTILIZE A TYPE 'B' NOSE. FOR CURB AND GUTTER TRANSITIONS AT INLETS, SEE ROLL FACE CURB TRANSITION DETAIL IN APPENDIX 'C' OF THIS MANUAL.
4. ROLL FACE CURB AND GUTTER PERMITTED UP TO AND INCLUDING CLASS IV ROADS.



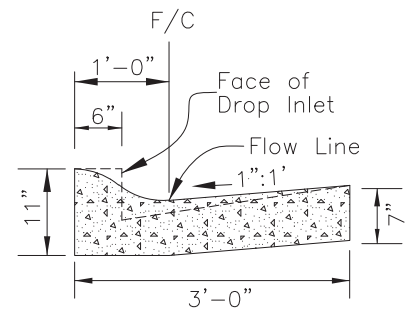
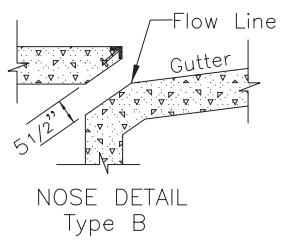
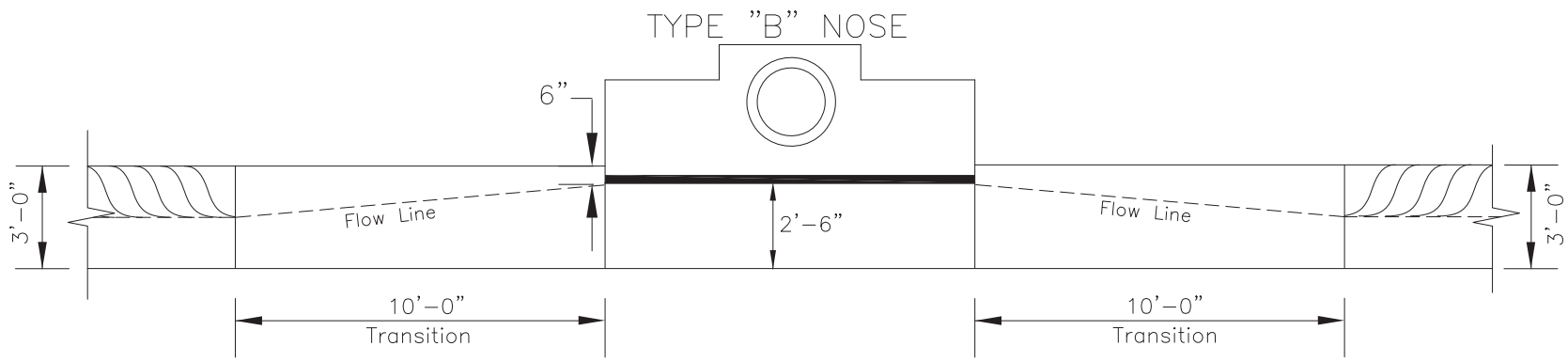
PAVEMENT DIMENSIONS FOR ROLL FACE CURB AND GUTTER

County of Henrico
Department of Public Works

REV. JANUARY 31, 2022

SEPTEMBER 1, 2021

C-6.DWG



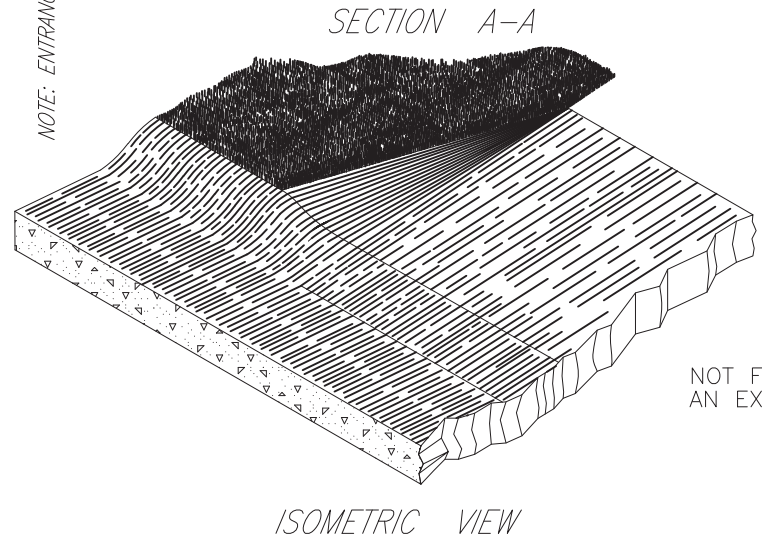
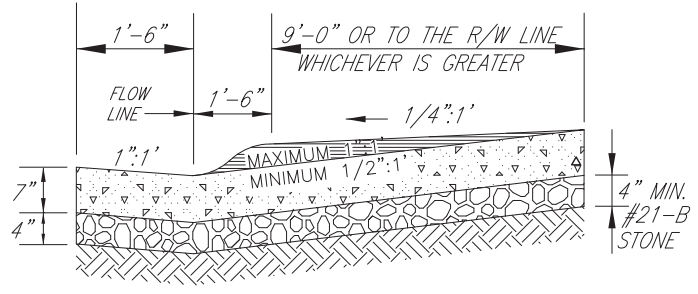
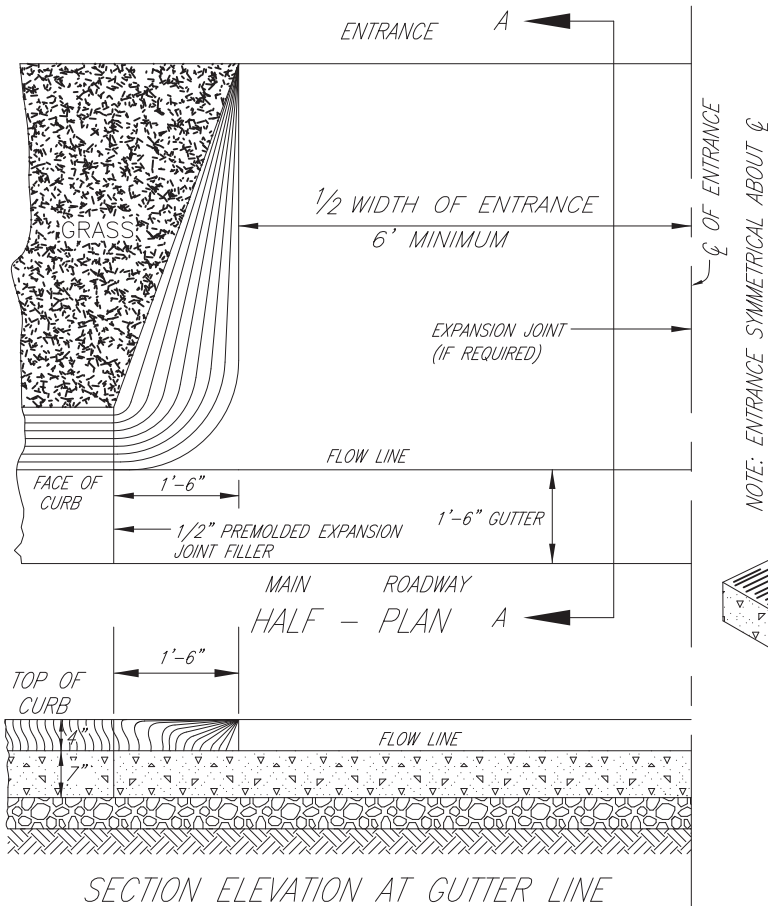
ROLL FACE CURB TRANSITIONS

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-7.DWG





NOT FOR USE IF THERE IS AN EXISTING SIDEWALK

CONCRETE APRONS ARE REQUIRED IF ANY OF THE FOLLOWING ARE PRESENT

1. THERE IS A CURB INLET WITHIN 25' OF THE ENTRANCE.
2. THE LOT ADJACENT TO THE DRIVEWAY IS LOWER THAN THE CURB.
3. IN A SAG OF A VERTICAL CURVE

NOTES:

1. MODIFICATIONS TO THIS DETAIL MAY BE REQUIRED FOR SIDEWALKS AND MOBILITY IMPAIRMENT REQUIREMENTS.
2. #21-B STONE SHALL BE COMPACTED IN ACCORDANCE WITH DPW DESIGN MANUAL SECTION 2.48.
3. CONCRETE SHALL BE CLASS A-3.

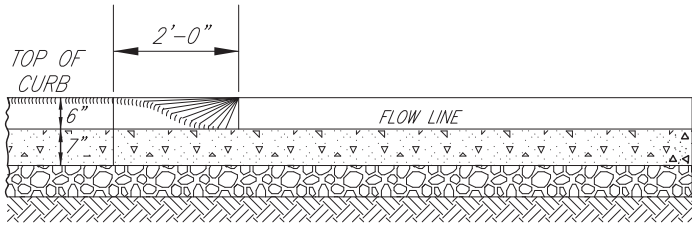
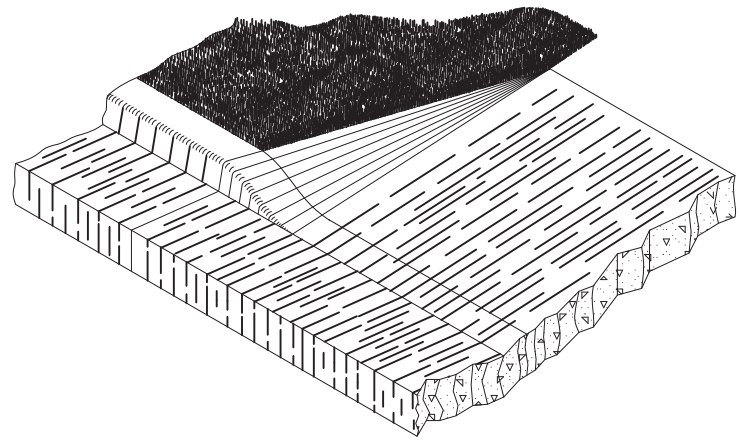
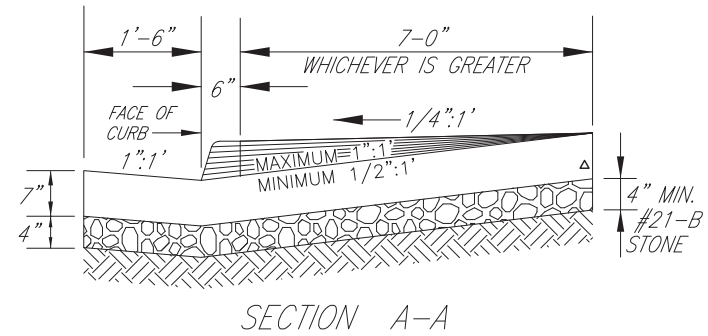
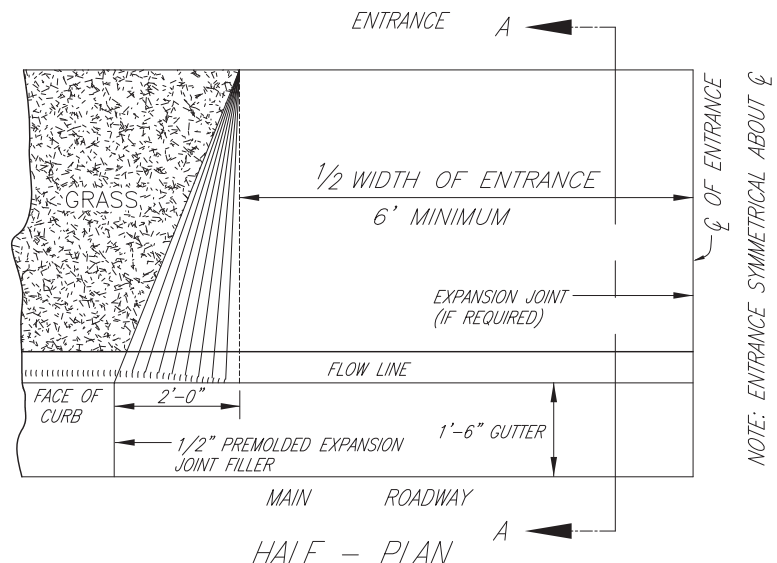
STANDARD ENTRANCE APRON (FOR ROLL FACE CURB & GUTTER)

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-8.DWG





SECTION ELEVATION AT GUTTER LINE

NOTES:

1. MODIFICATIONS TO THIS DETAIL MAY BE REQUIRED FOR SIDEWALKS AND MOBILITY IMPAIRMENT REQUIREMENTS.
2. #21-B STONE SHALL BE COMACTED IN ACCORDANCE WITH DPW DESIGN MANUAL SECTION 2.48.
3. CONCRETE SHALL BE CLASS A-3.

CONCRETE APRONS ARE REQUIRED IF:

1. THERE IS A CURB INLET WITHIN 25' OF THE ENTRANCE.
2. THE LOT ADJACENT TO THE DRIVEWAY IS LOWER THAN THE CURB.
3. IN A SAG OF A VERTICAL CURVE

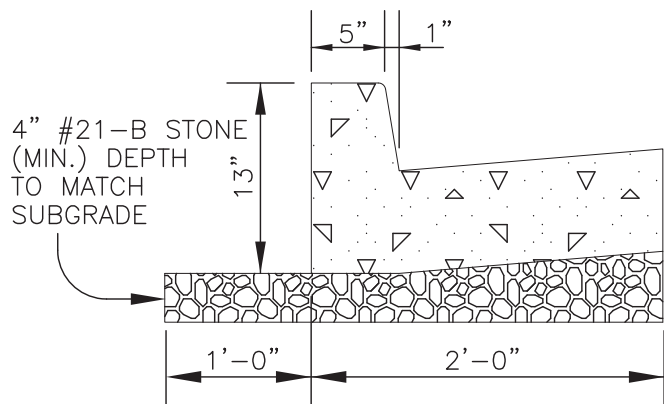


**STANDARD ENTRANCE APRON
(FOR RESIDENTIAL USE ONLY)**

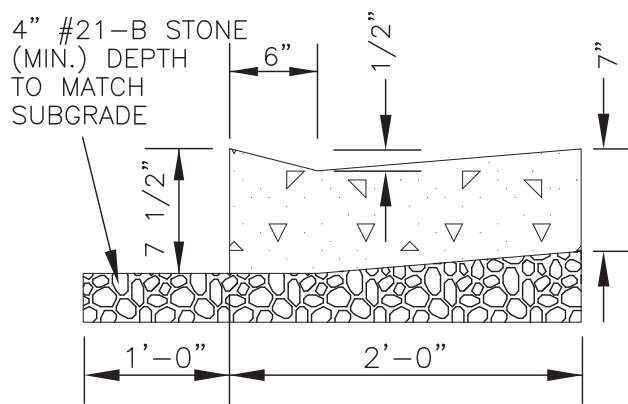
County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

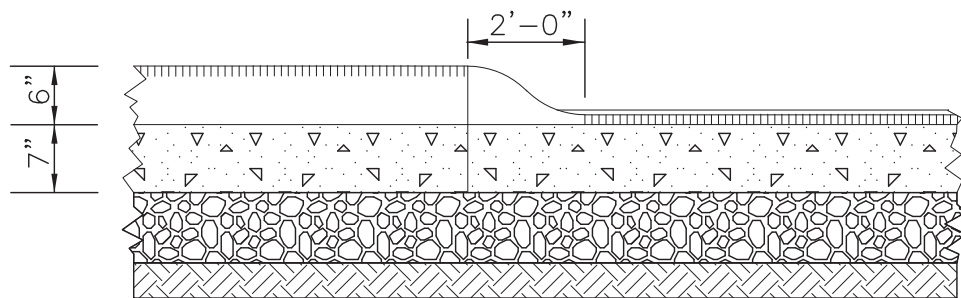
C-9.DWG



SECTION A-A



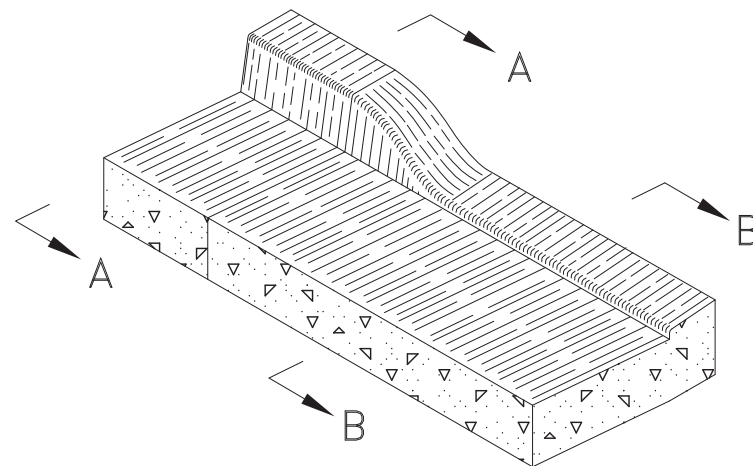
SECTION B-B



SECTION ELEVATION @ GUTTER LINE

CONCRETE APRONS ARE REQUIRED IF ANY OF THE FOLLOWING ARE PRESENT

1. THERE IS A CURB INLET WITHIN 25' OF THE ENTRANCE.
2. THE LOT ADJACENT TO THE DRIVEWAY IS LOWER THAN THE CURB.
3. SEE APRON STANDARD



ISOMETRIC VIEW

NOTES:

1. #21-B STONE SHALL BE COMPACTED IN ACCORDANCE WITH DPW DESIGN MANUAL SECTION 2.48
2. WHEN A CURB CUT IS INSTALLED IN EXISTING CURB & GUTTER, THE EXISTING CURB & GUTTER SHALL BE COMPLETELY REMOVED (INCLUDING THE GUTTER PAN) BETWEEN EXISTING JOINTS AND A COMPLETE CURB CUT SECTION INSTALLED. IN LIEU OF REMOVING THE EXISTING CURB & GUTTER BETWEEN JOINTS, THE EXISTING CURB & GUTTER MAY BE SAWCUT PROVIDED THAT THE REMAINING SECTIONS ARE 5' OR GREATER IN LENGTH.

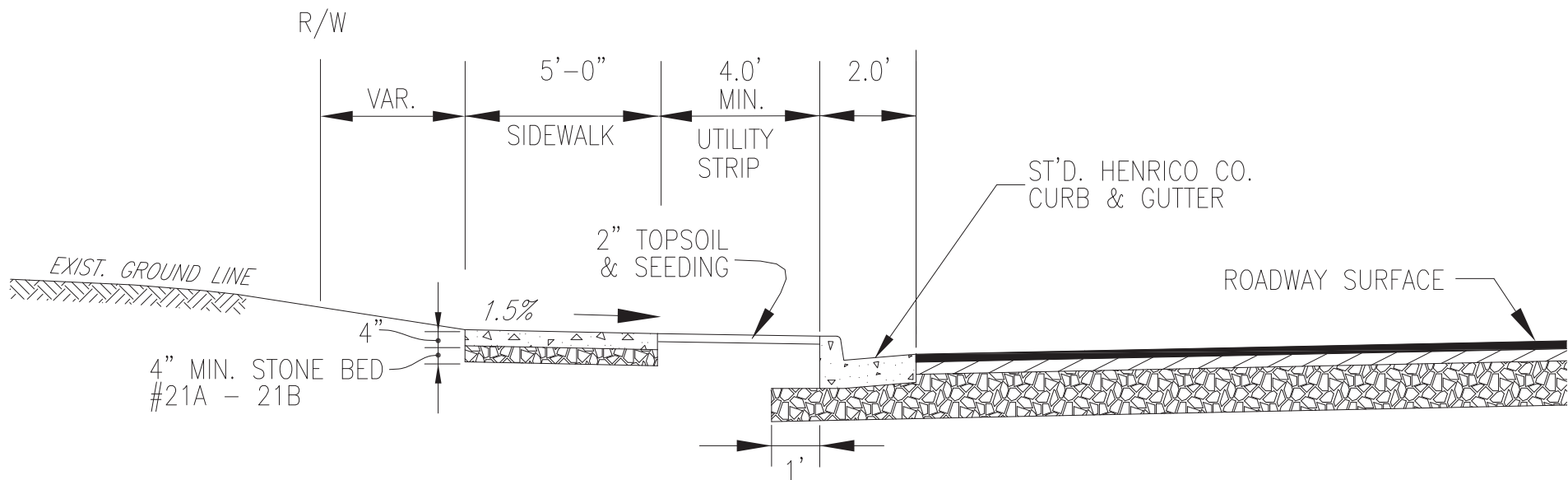


RESIDENTIAL CURB CUT FOR DRIVEWAYS

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-10.DWG



NOTES:

DEPTH OF CONCRETE SIDEWALK SHALL BE 7" AT ALL LOCATIONS SUSCEPTIBLE TO VEHICULAR TRAFFIC.

CONCRETE SHALL BE CLASS A-3.

SEE VDOT ST'D CG-12B FOR SIDEWALK TREATMENT ADJACENT TO COMMERCIAL ENTRANCES AND INTERSECTIONS.

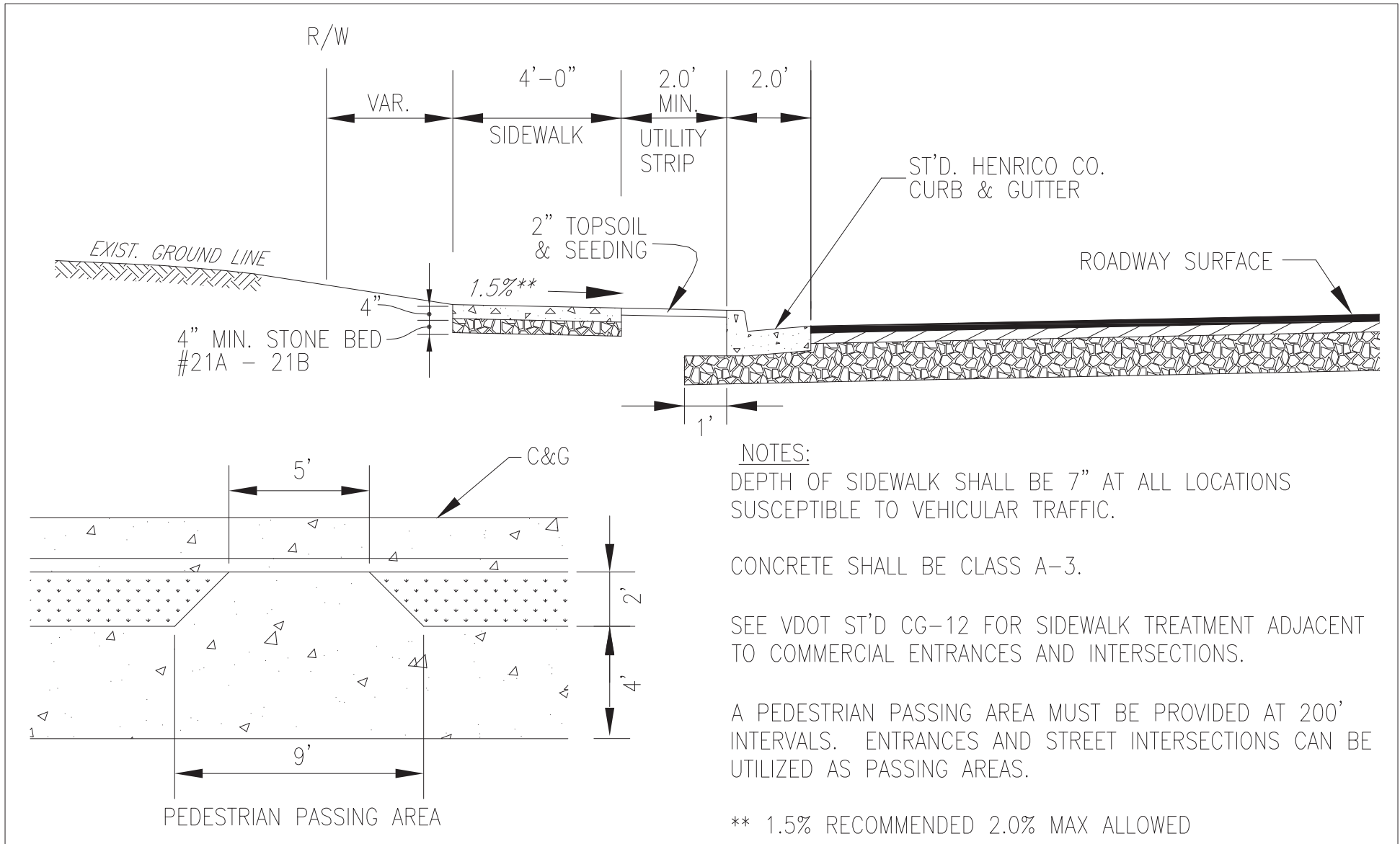


SIDEWALK DETAIL

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-11.DWG



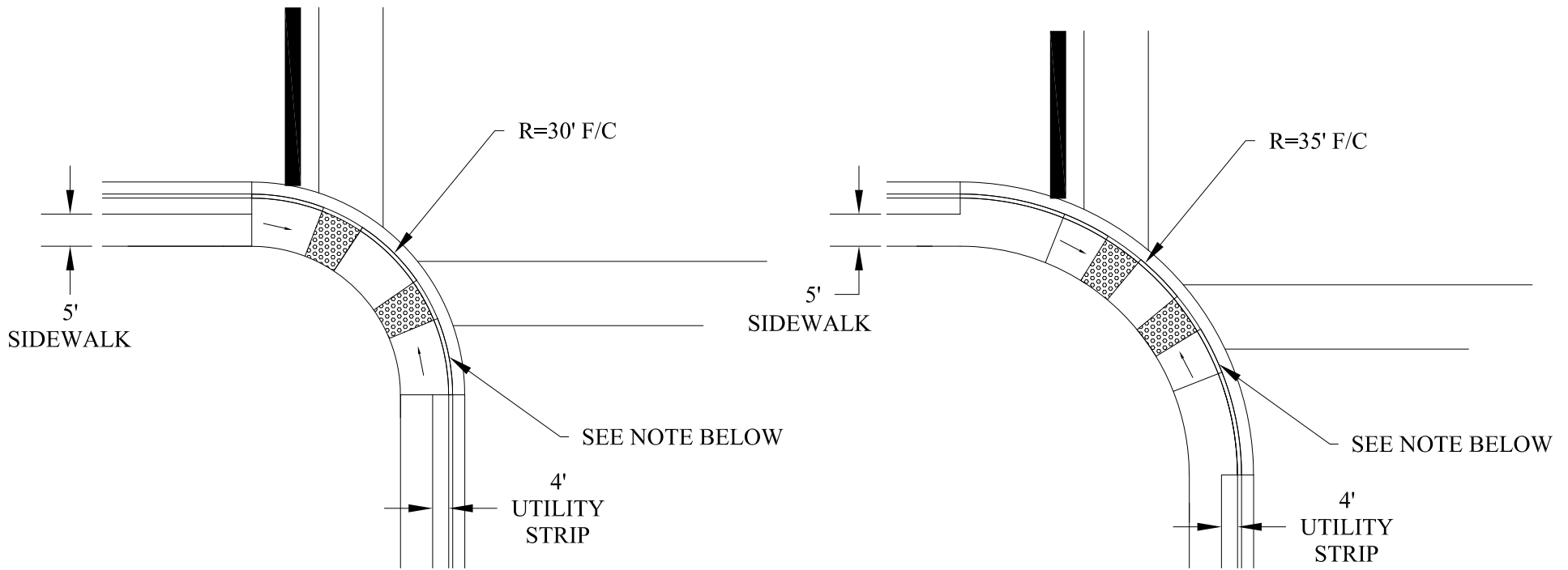
SIDEWALK DETAIL
 FOR RETROFIT APPLICATIONS ONLY
 County of Henrico
 Department of Public Works

SEPTEMBER 1, 2021

C-12.DWG

C-12





NOTE: A COMBINATION CURB CUT AND CURB RAMP SHALL BE PROVIDED AT ALL INTERSECTIONS. SEE VDOT STANDARD CG-12B FOR DETAILS. R.O.W. IS NOT SHOWN FOR CLARITY.

COMBINATION CURB CUT AND RAMP

County of Henrico
Department of Public Works

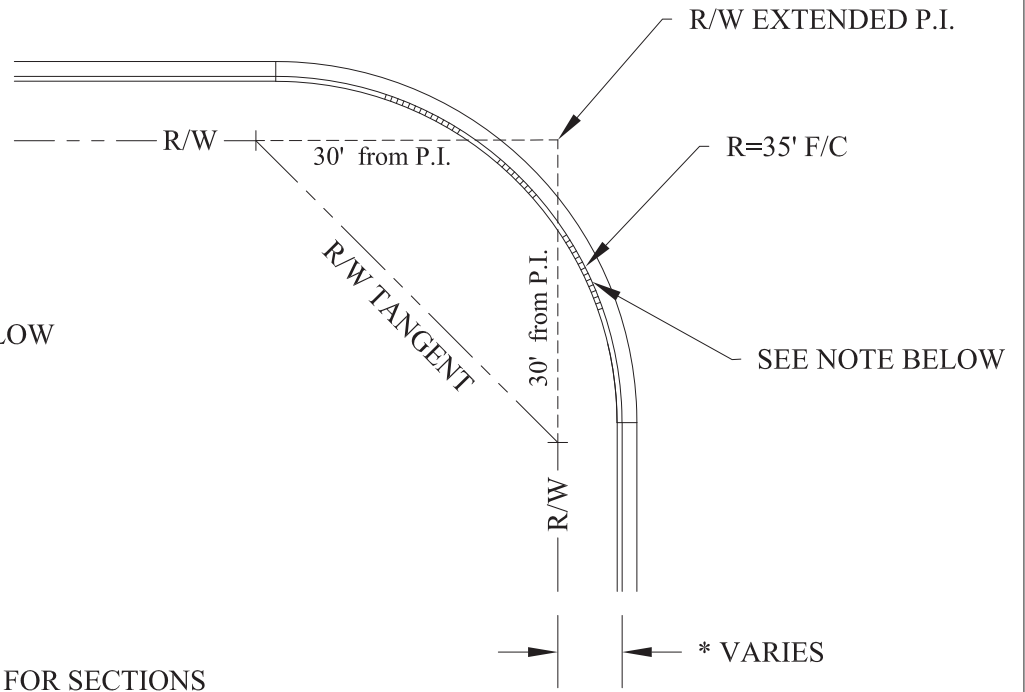
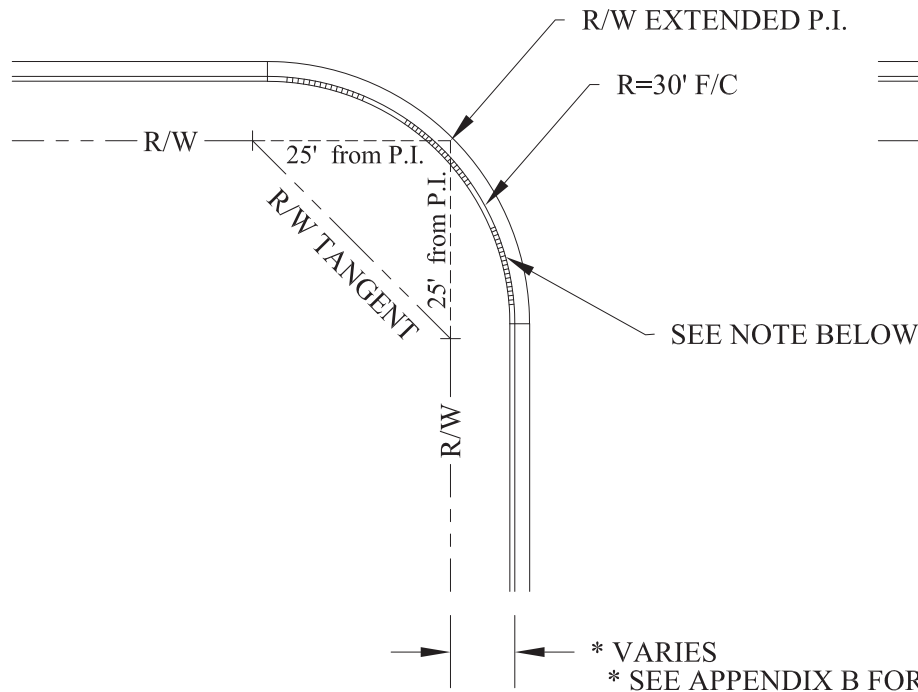
SEPTEMBER 1, 2021

C-13.DWG



CURB RADIUS = 30'

CURB RADIUS = 35'



NOTE: CURB CUTS SHALL BE PROVIDED AT ALL INTERSECTIONS. A COMBINATION CURB CUT AND CURB RAMP SHALL BE PROVIDED WHERE SIDEWALKS EXIST OR ARE TO BE PROVIDED. SEE VDOT STANDARD CG-12 FOR DETAILS. FOR RADIUS LESS THAN 30', THE DETAIL OF THE CURB RADIUS 30' WILL BE USED.

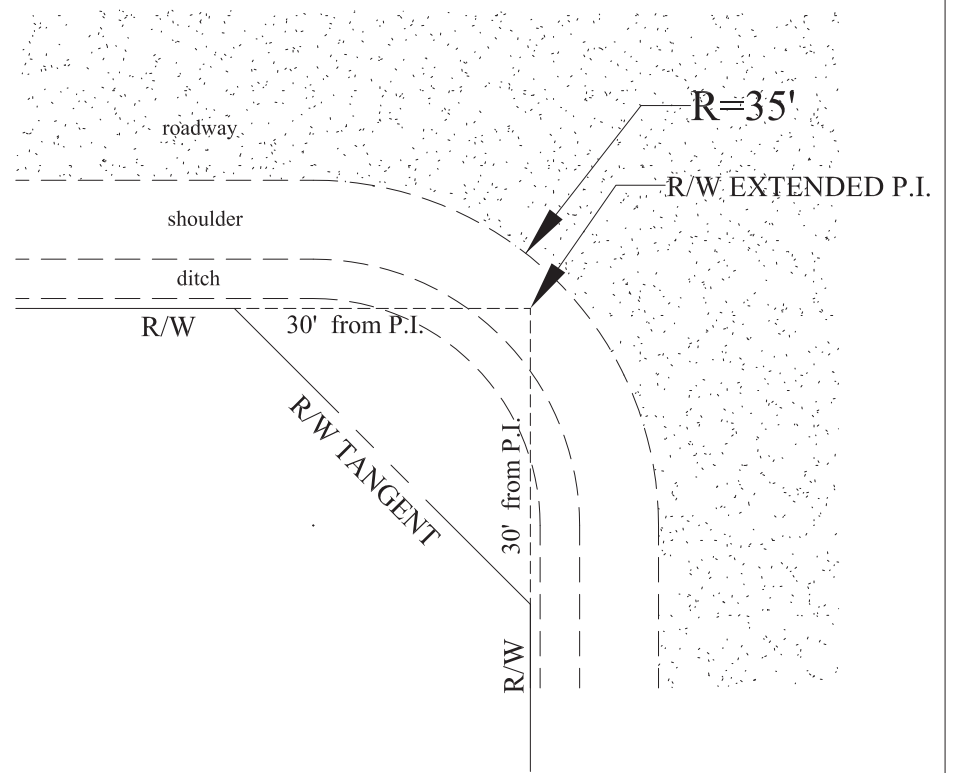
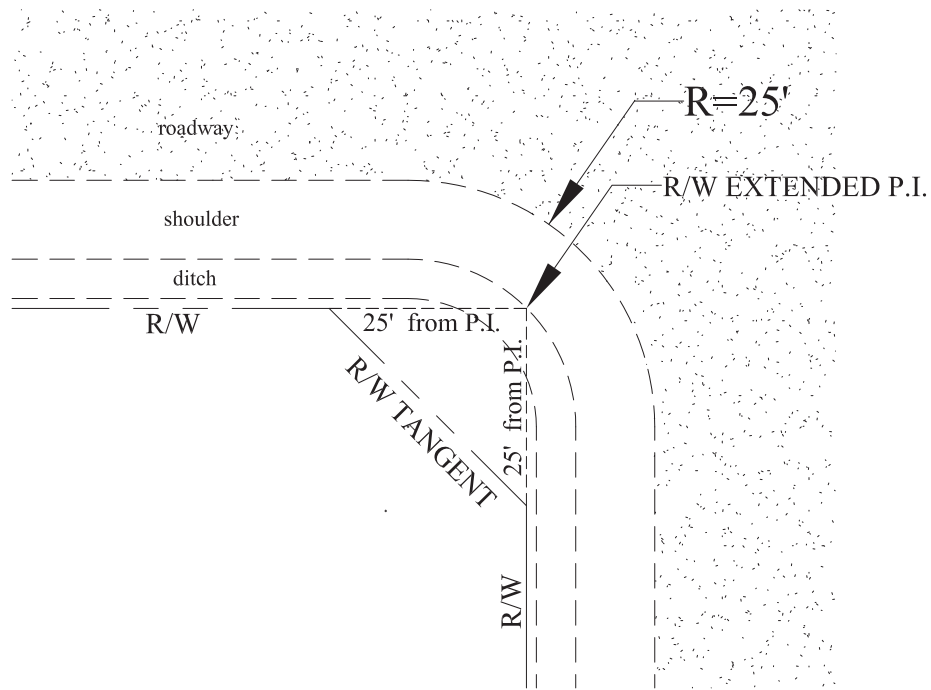


RIGHT-OF-WAY AT CURB RETURNS

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-14.DWG

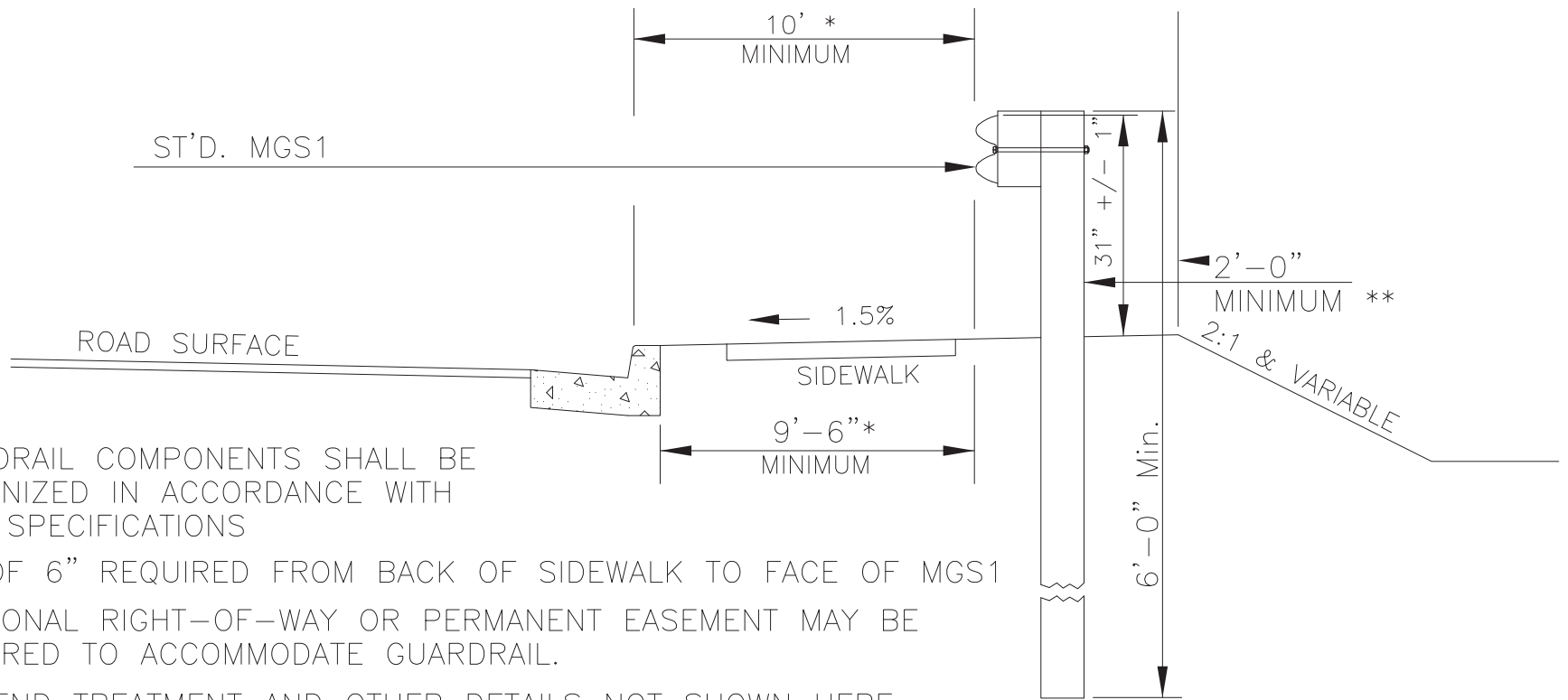


EDGE OF PAVEMENT RETURN

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-15.DWG



GUARDRAIL COMPONENTS SHALL BE GALVANIZED IN ACCORDANCE WITH VDOT SPECIFICATIONS

MIN OF 6" REQUIRED FROM BACK OF SIDEWALK TO FACE OF MGS1
 ADDITIONAL RIGHT-OF-WAY OR PERMANENT EASEMENT MAY BE REQUIRED TO ACCOMMODATE GUARDRAIL.

FOR END TREATMENT AND OTHER DETAILS NOT SHOWN HERE, REFER TO VDOT STANDARDS FOR GUARDRAIL.

- * FOR SPEEDS GREATER THAN 45 MPH THE GUARDRAIL SHALL BE CONSTRUCTED SO THAT THE FACE OF THE RAIL WILL BE FLUSH WITH THE FACE OF THE CURB
- ** LESS THAN 2'-0" IS ALLOWED WITH A 9' POST

THIS DETAIL IS TO BE USED WITH CURB & GUTTER, SIDEWALK AND/OR SIDEWALK SHELF.

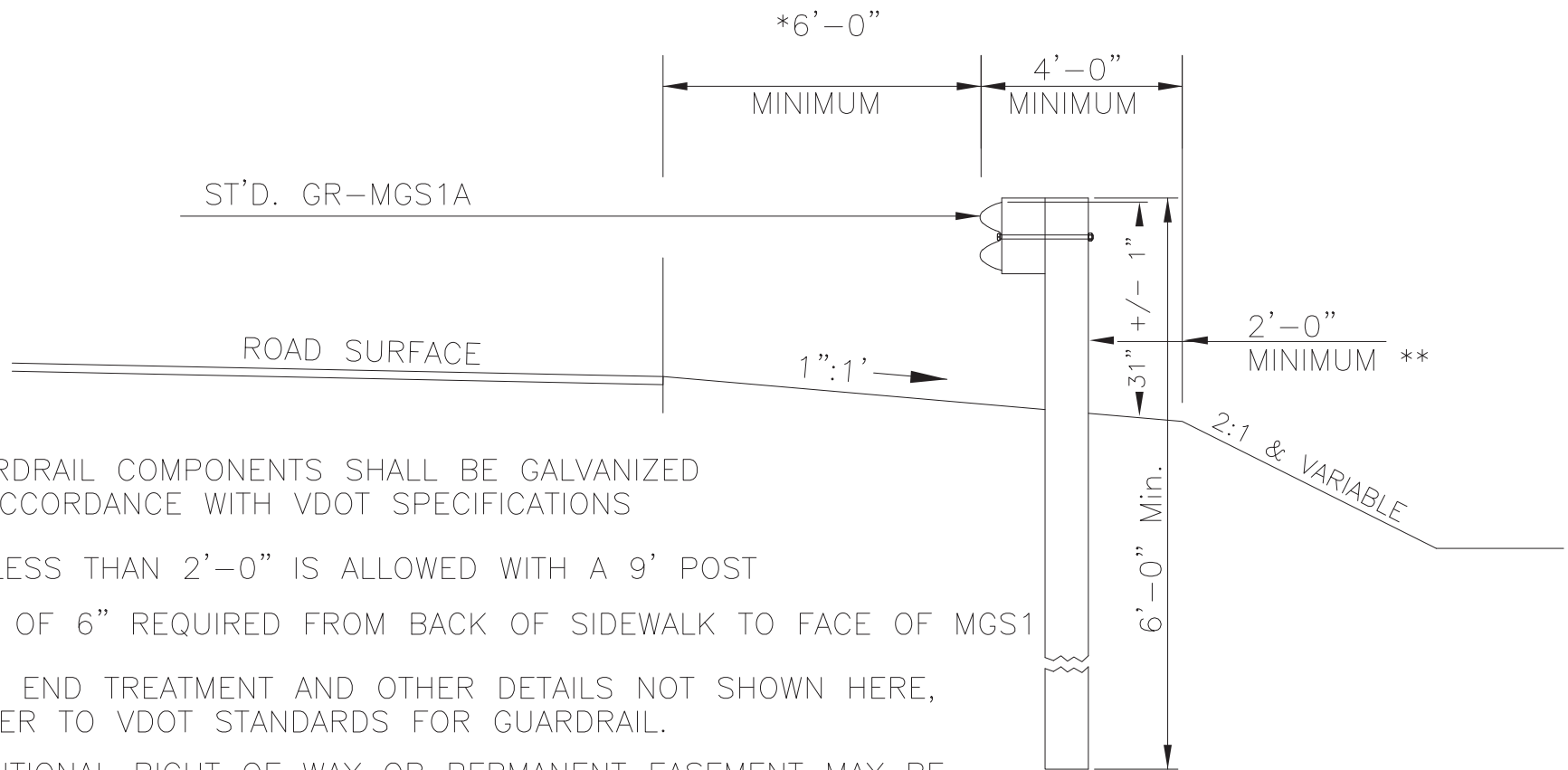


GUARDRAIL DETAIL WITH CURB & GUTTER

County of Henrico
 Department of Public Works

SEPTEMBER 1, 2021

C-16.DWG



GUARDRAIL COMPONENTS SHALL BE GALVANIZED
IN ACCORDANCE WITH VDOT SPECIFICATIONS

** LESS THAN 2'-0" IS ALLOWED WITH A 9' POST

MIN OF 6" REQUIRED FROM BACK OF SIDEWALK TO FACE OF MGS1

FOR END TREATMENT AND OTHER DETAILS NOT SHOWN HERE,
REFER TO VDOT STANDARDS FOR GUARDRAIL.

ADDITIONAL RIGHT OF WAY OR PERMANENT EASEMENT MAY BE
REQUIRED TO ACCOMMODATE GUARDRAIL.

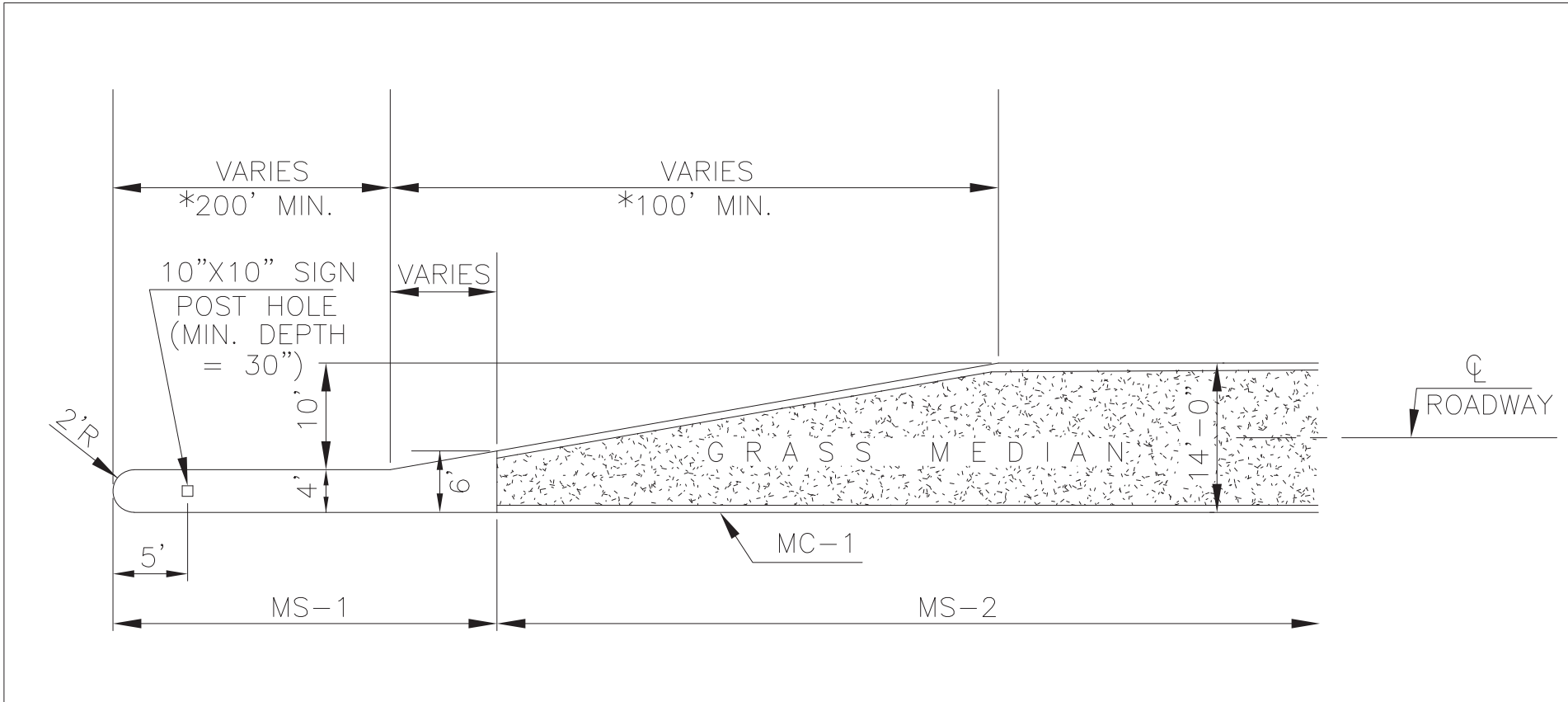


GUARDRAIL DETAIL WITHOUT CURB & GUTTER

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-17.DWG



*TAPER AND LANE LENGTHS ARE TO BE APPROVED BY THE TRAFFIC ENGINEER.

NOTE: REFER TO VDOT STANDARDS FOR ADDITIONAL INFORMATION ON MEDIAN GRADING. SEE APPENDIX C FOR INDEPENDENT CURB FACE CONFIGURATION. CONCRETE SHALL BE CLASS A-3.



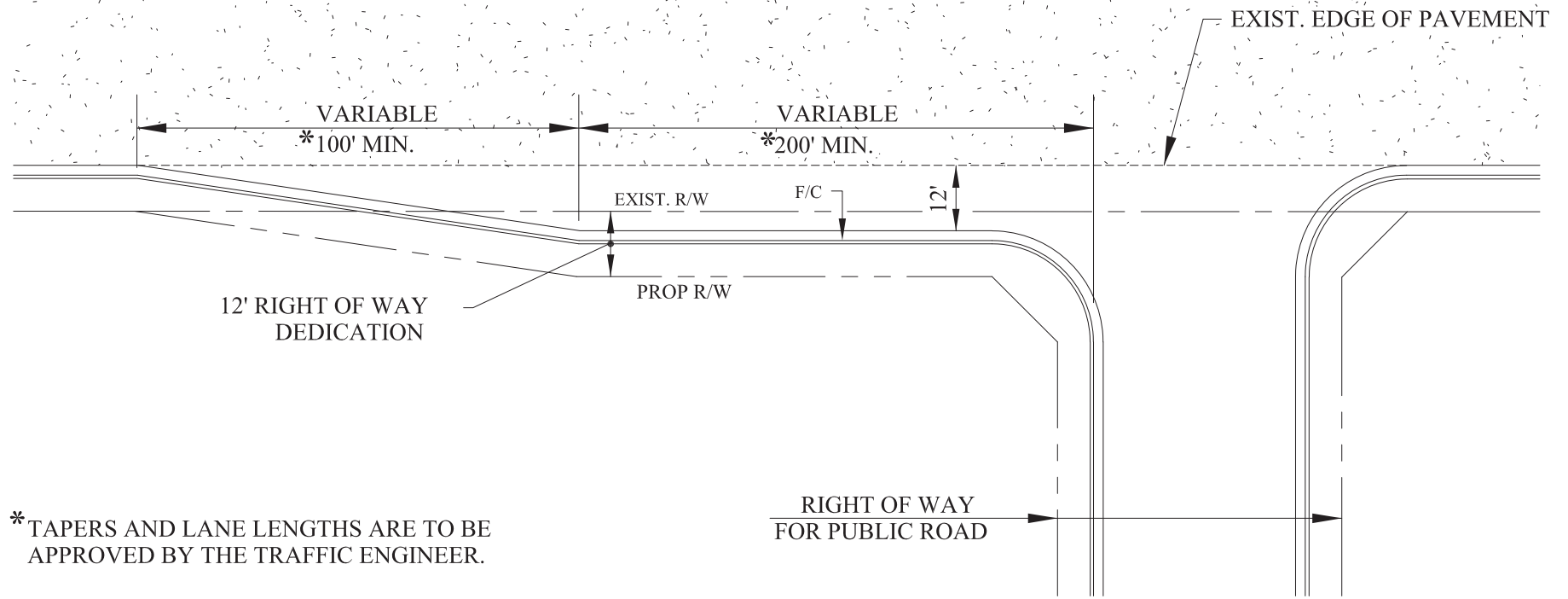
RAISED 14' MEDIAN w/LEFT TURN LANE DETAIL

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-18.DWG

C-18



* TAPERS AND LANE LENGTHS ARE TO BE APPROVED BY THE TRAFFIC ENGINEER.

NOTE SIDEWALKS AND ADA RAMPS NOT SHOWN FOR CLARITY

RIGHT TURN LANE - PUBLIC ROAD

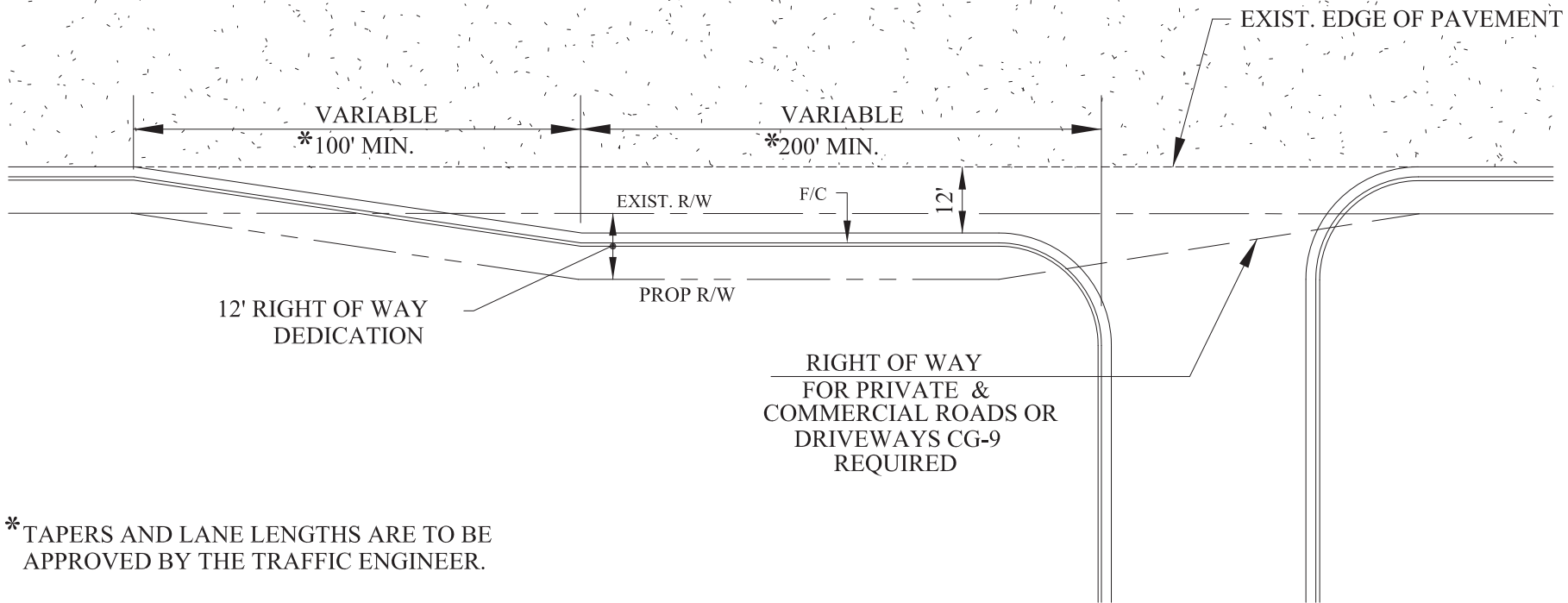
County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-19.1.DWG



C-19.1



*TAPERS AND LANE LENGTHS ARE TO BE APPROVED BY THE TRAFFIC ENGINEER.

NOTE SIDEWALKS AND ADA RAMPS NOT SHOWN FOR CLARITY



RIGHT TURN LANE - PRIVATE ROAD

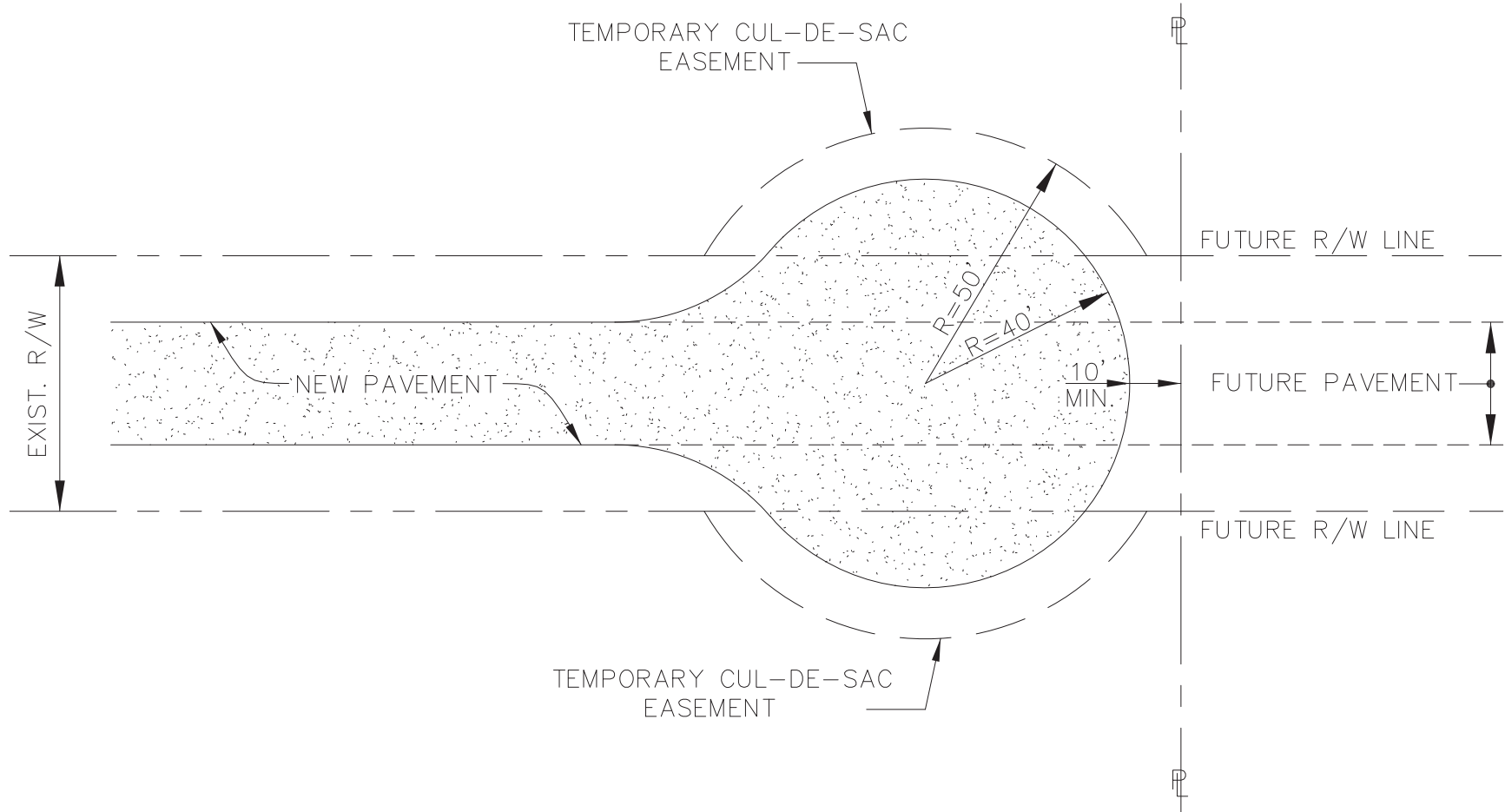
County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-19.2.DWG

C-19.2

SEE SECTIONS 2.07 AND 2.22 FOR
ADDITIONAL INFORMATION CONCERNING
TEMPORARY CUL-DE-SACS.



C-20



TEMPORARY CUL-DE-SAC

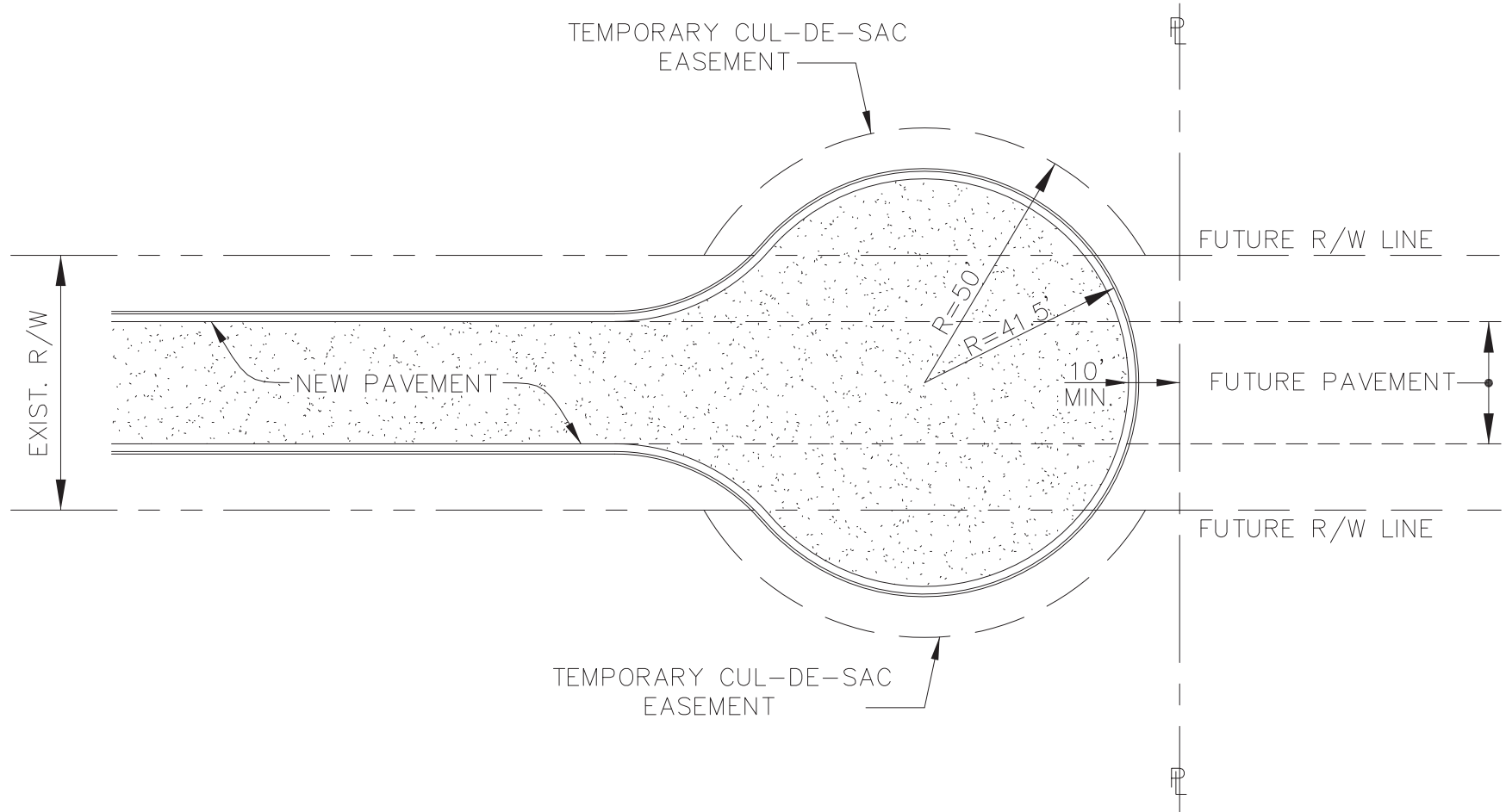
WITHOUT CURB & GUTTER

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-20.DWG

SEE SECTIONS 2.07 AND 2.22 FOR
ADDITIONAL INFORMATION CONCERNING
TEMPORARY CUL-DE-SACS.



TEMPORARY CUL-DE-SAC

WITH CURB & GUTTER

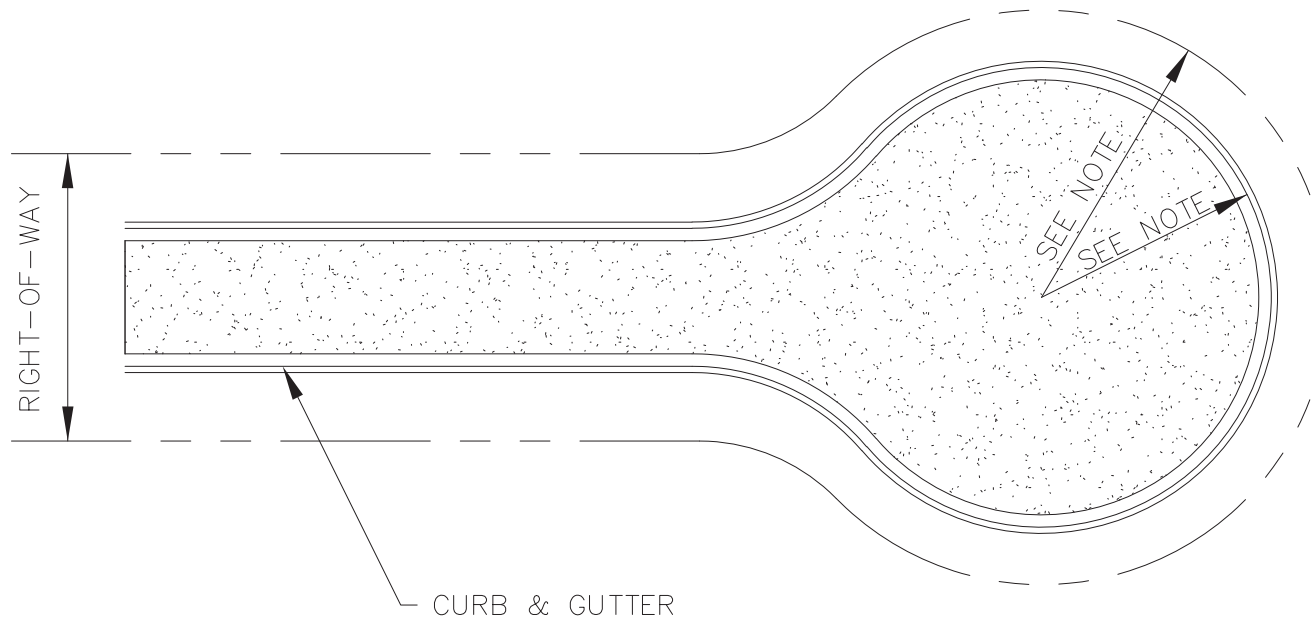
County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-21.DWG

C-21





NOTE: FOR CUL-DE-SAC DIMENSIONS SEE PERMANENT CUL-DE-SAC DESIGN CRITERIA TABLE ON THE FOLLOWING PAGE.



PERMANENT CUL-DE-SAC

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-22.DWG

ROADWAY		CURB & GUTTER?	CUL-DE-SAC DESIGN	
R/W WIDTH	PAVEMENT WIDTH (*1)		R/W RADIUS	PAVEMENT RADIUS (*1)
50'	24'	No	55'	42'
50'	36'	Yes	55'	48'
ALL OTHERS	ALL OTHERS		(*2)	(*2)

1. Dimensions based on "edge of pavement to edge of pavement" width or "face of curb to face of curb" width.
2. Contact the Department of Public Works for cul-de-sac design details appropriate for the proposed development and use.

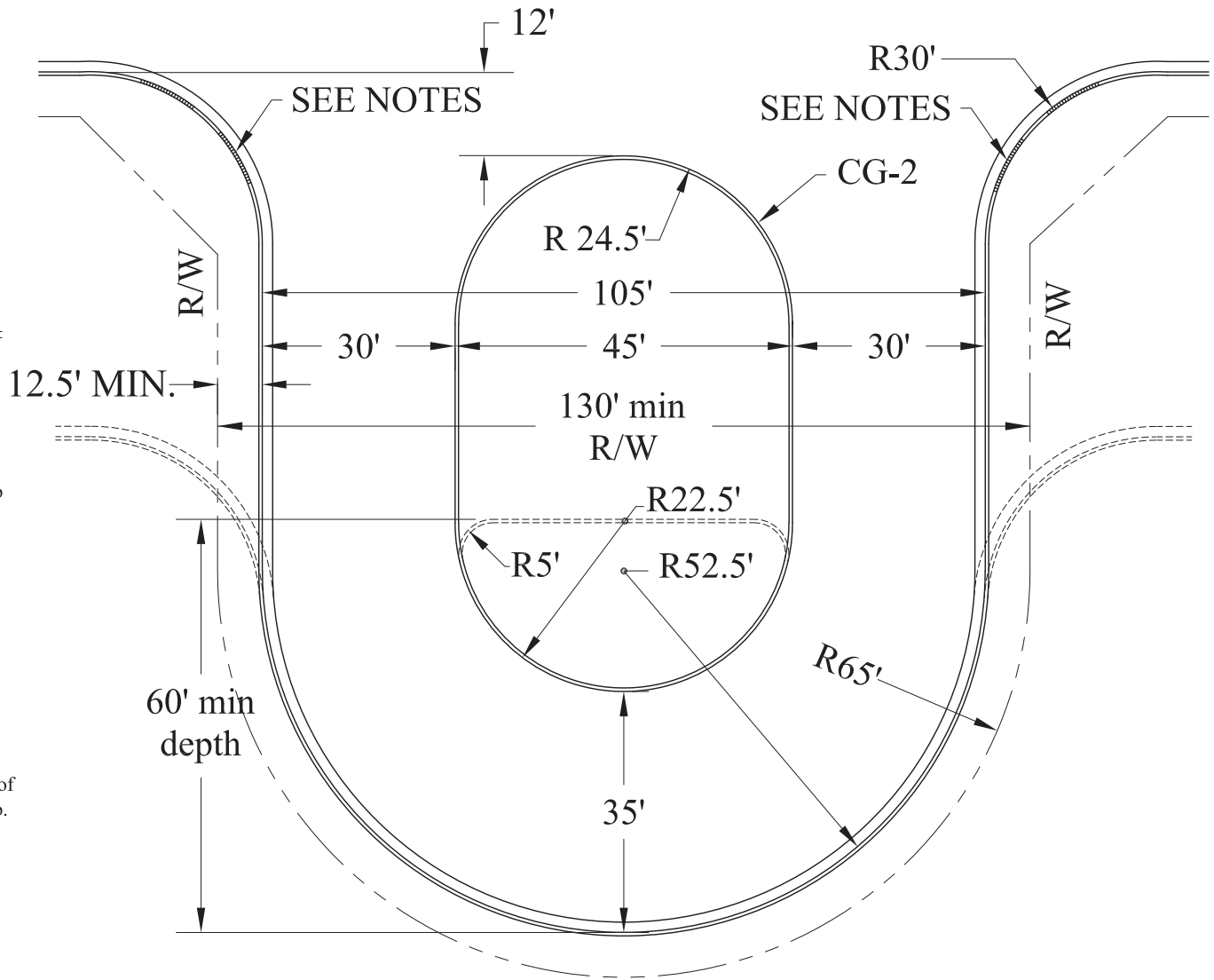


PERMANENT CUL-DE-SAC DESIGN CRITERIA

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-23.DWG



NOTES:

1. Right-of-way is a minimum of 12.5 feet behind face of curb
2. Island is to be within right-of-way
3. If cul-de-sac depth is less than 85 feet, the curb of the island should be parallel with the curb lines of the street as shown by the dashed lines
4. A maintenance agreement must be provided between the developer/community association and the County for landscape and maintenance of island
5. A combination curb cut and curb ramp shall be provided at all intersections. See VDOT standard CG-12 for details.
6. All dimensions shown to the curb are to the face of curb. See curb details for location of face of curb.



MODIFIED CUL-DE-SAC

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-24.DWG



- Notes: 1. All fonts are green FHWA HWYB
 2. Green Border is 5/8" thickness
 3. Sign face must be reflectorized to a minimum of engineering grade white sheeting sign must be made of a minimum 0.08 thickness aluminum

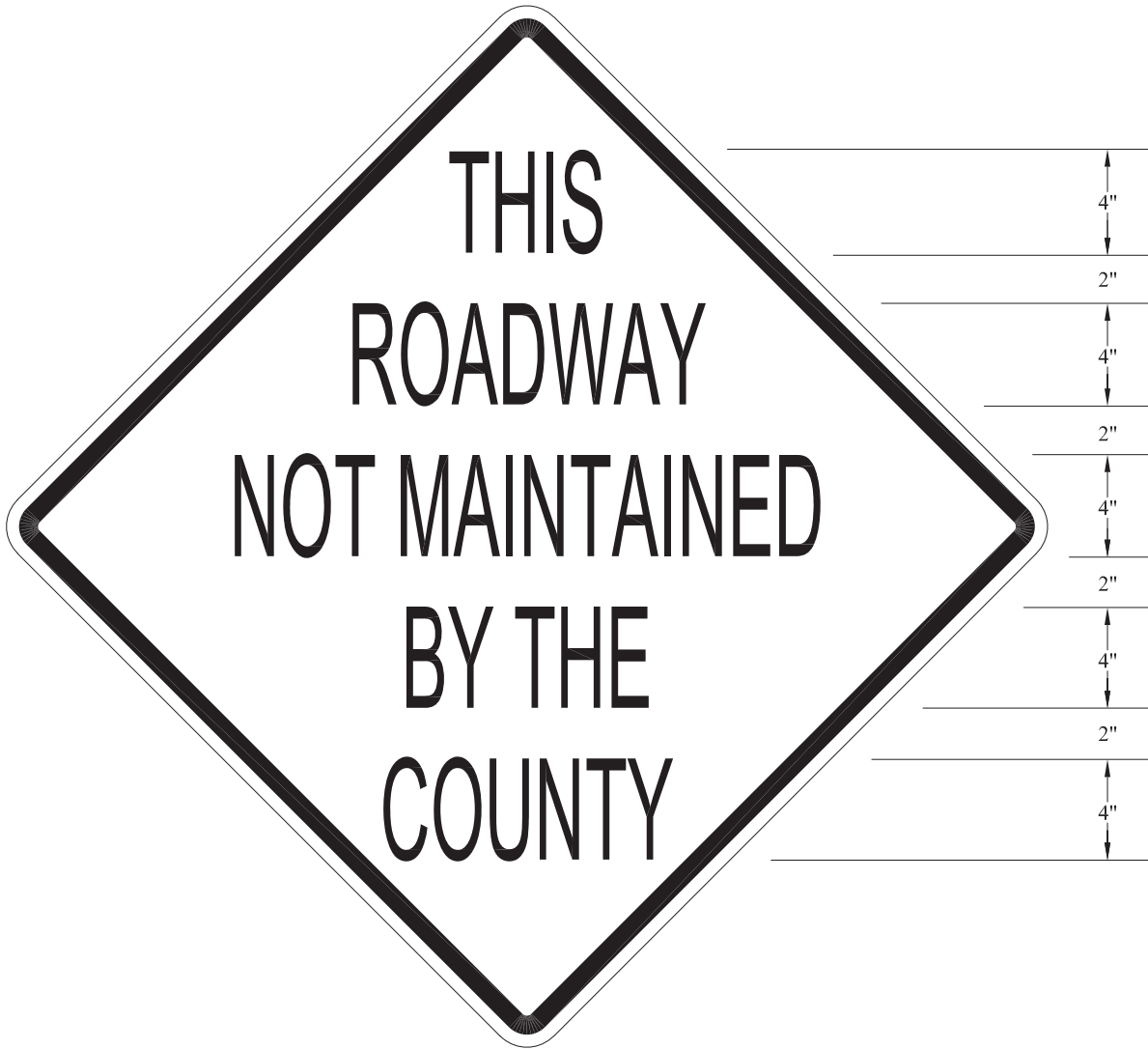
ROAD EXTENSION SIGN

County of Henrico
 Department of Public Works

SEPTEMBER 1, 2021

C-25.DWG





- Notes: 1. All fonts are Black FHWA T2000HWYB
 2. Black Border is 5/8" thickness
 3. Sign face must be reflectorized to a minimum of Hi-Intensity grade yellow sheeting
 4. Sign must be made of .080" x 30" x 30" aluminum

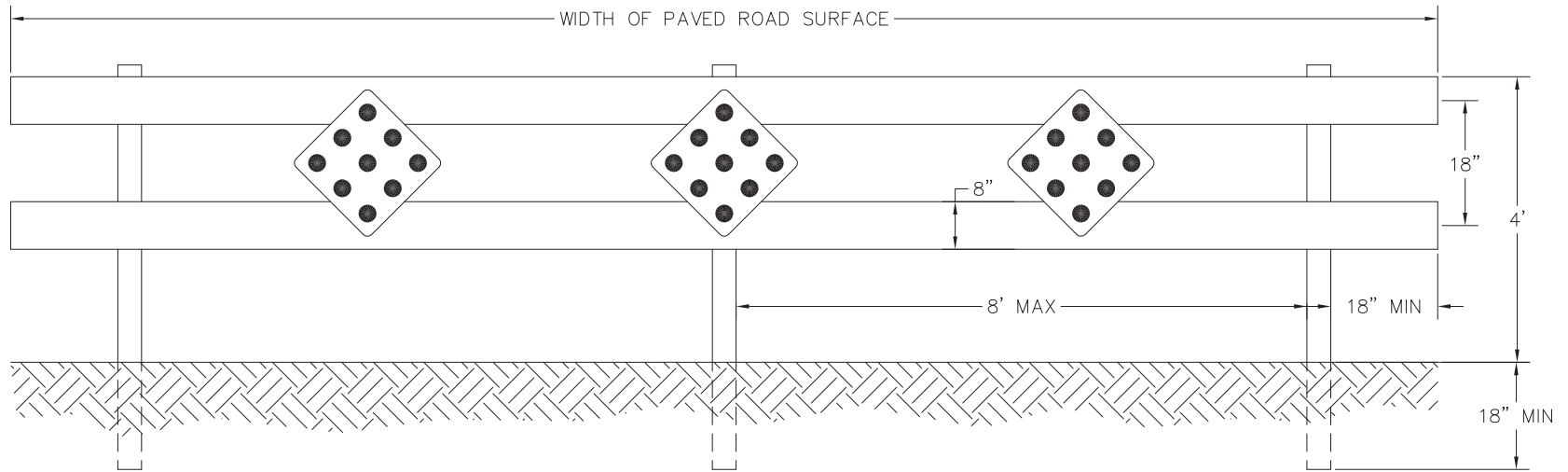


UNMAINTAINED ROAD SIGN

County of Henrico
 Department of Public Works

SEPTEMBER 1, 2021

C-26.DWG



NOTES: ALL LUMBER TO BE PRESSURE TREATED, 4"X4" FOR POST SET IN CONCRETE, 1"X8" FOR THE HORIZONTAL BOARDS. USE OM4-2 REFLECTORIZED SIGNS.

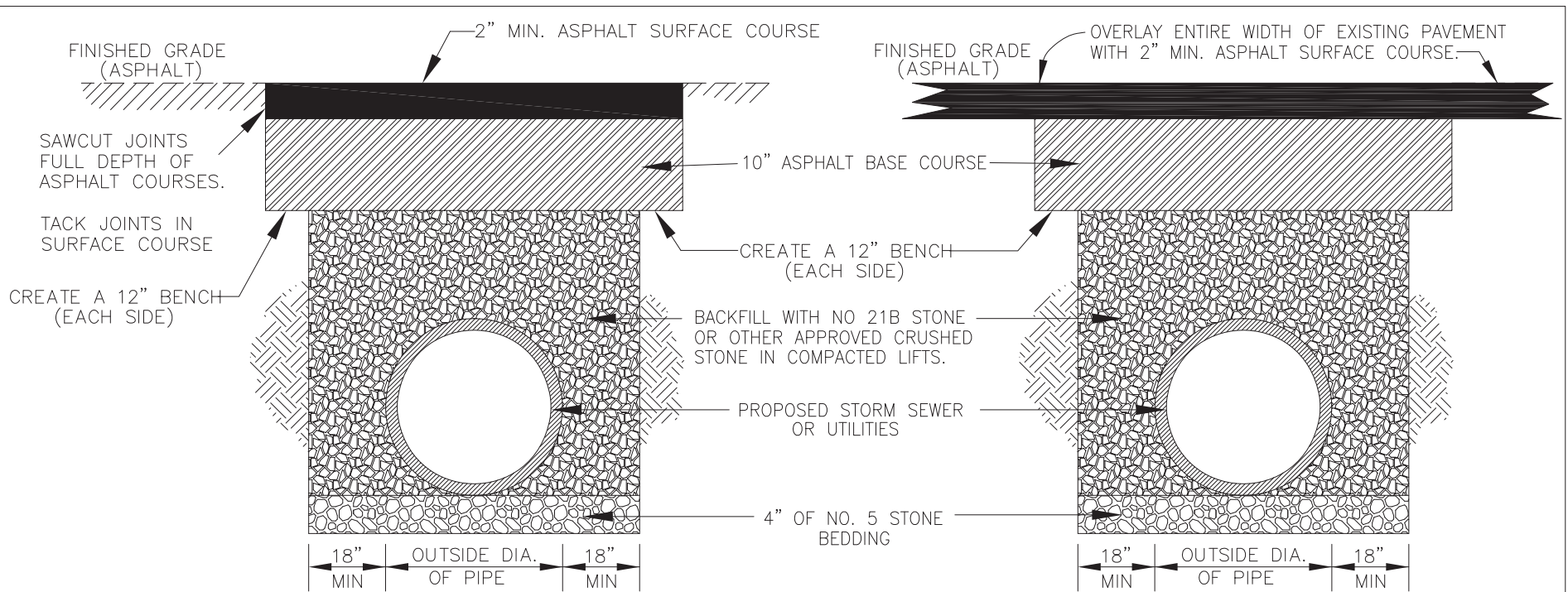


END OF ROAD BARRICADE

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-27.DWG



SKETCH SHOWING PAVEMENT PATCH FOR SINGLE ISOLATED CUTS

SKETCH SHOWING PAVEMENT OVERLAY FOR LONGITUDINAL OR MULTIPLE CUTS

NOTES:

1. THIS DETAIL IS TO BE USED IN ALL LOCATIONS WHERE PROPOSED STORM SEWER OR UTILITY CROSSES EXISTING PAVEMENT.
2. OVERLAYS IN SHOULDER SECTIONS MUST BE WEDGED DOWN TO EXISTING SHOULDERS AT A 1":1' GRADE WITH MATERIAL MATCHING EXISTING CONDITIONS.
3. IN CURB AND GUTTER SECTIONS, MILLING FULL WIDTH OF PAVEMENT IS REQUIRED PRIOR TO PLACEMENT OF THE OVERLAY.
4. TEMPORARY OR PERMANENT ASPHALT MUST BE PLACED IN ROADWAY TRENCHES BY THE CLOSE OF EACH WORKDAY.
5. EXISTING PAVEMENT RESTORATION REQUIREMENTS WILL BE DETERMINED BY PAVEMENT STRUCTURE CORES. FOR ADDITIONAL INFORMATION, SEE SECTION 2.26 OF THE DESIGN MANUAL.

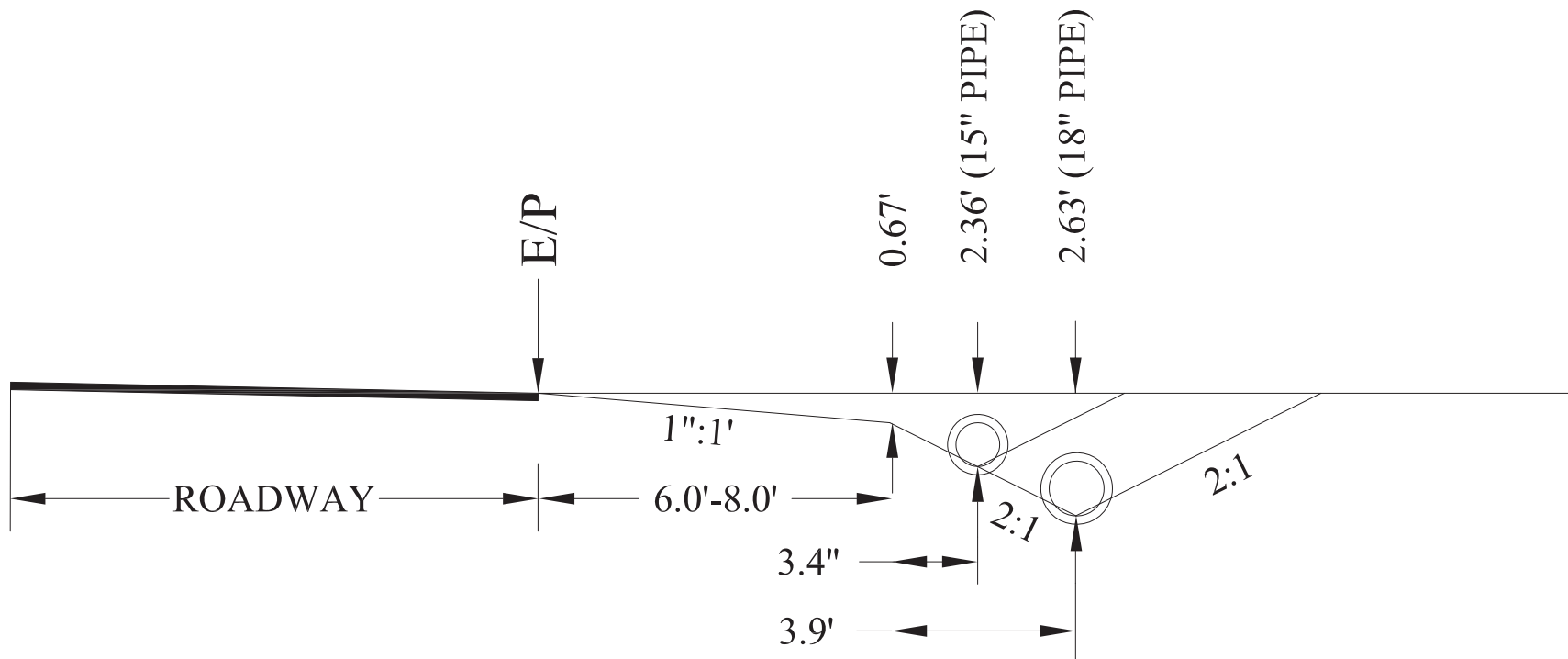


PAVEMENT REPLACEMENT, BEDDING AND BACKFILL FOR PIPE TRENCH

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-28.DWG



NOTE: MAXIMUM ALLOWABLE DITCH = 3.0'

THE ABOVE CUT ELEVATIONS, AS REFERENCED FROM THE EDGE OF PAVEMENT, ARE MINIMUM AND DO NOT REFLECT THE THICKNESS OF THE PIPE OR THE PIPE COVER.

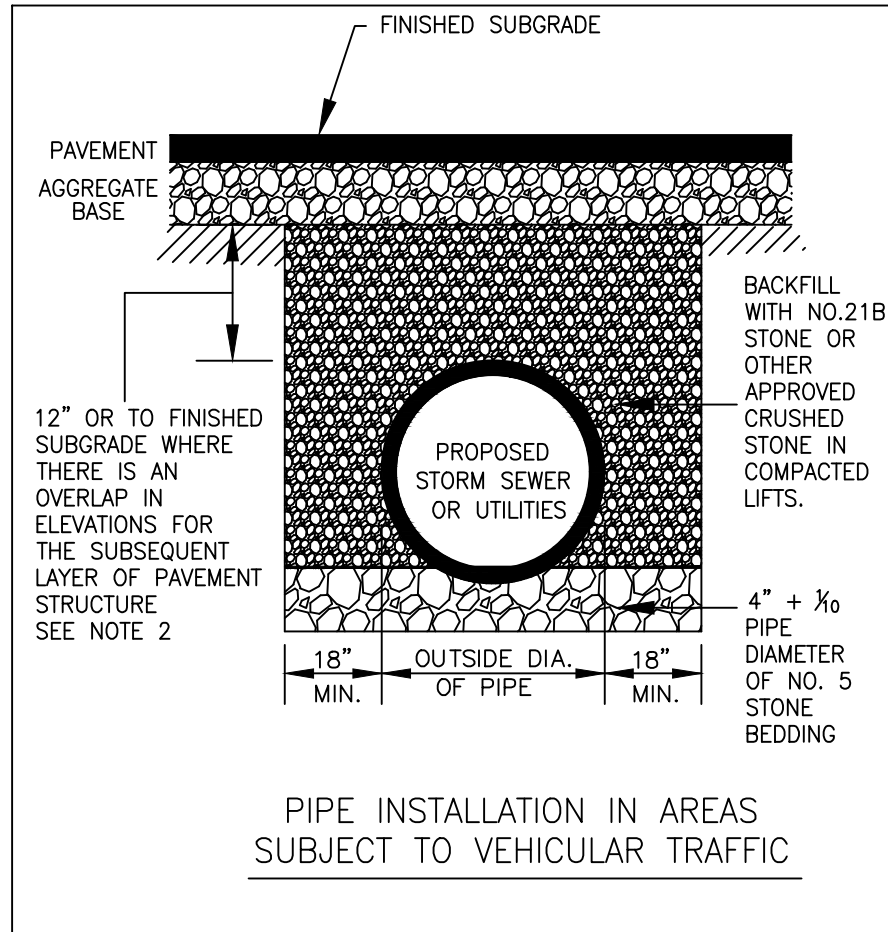
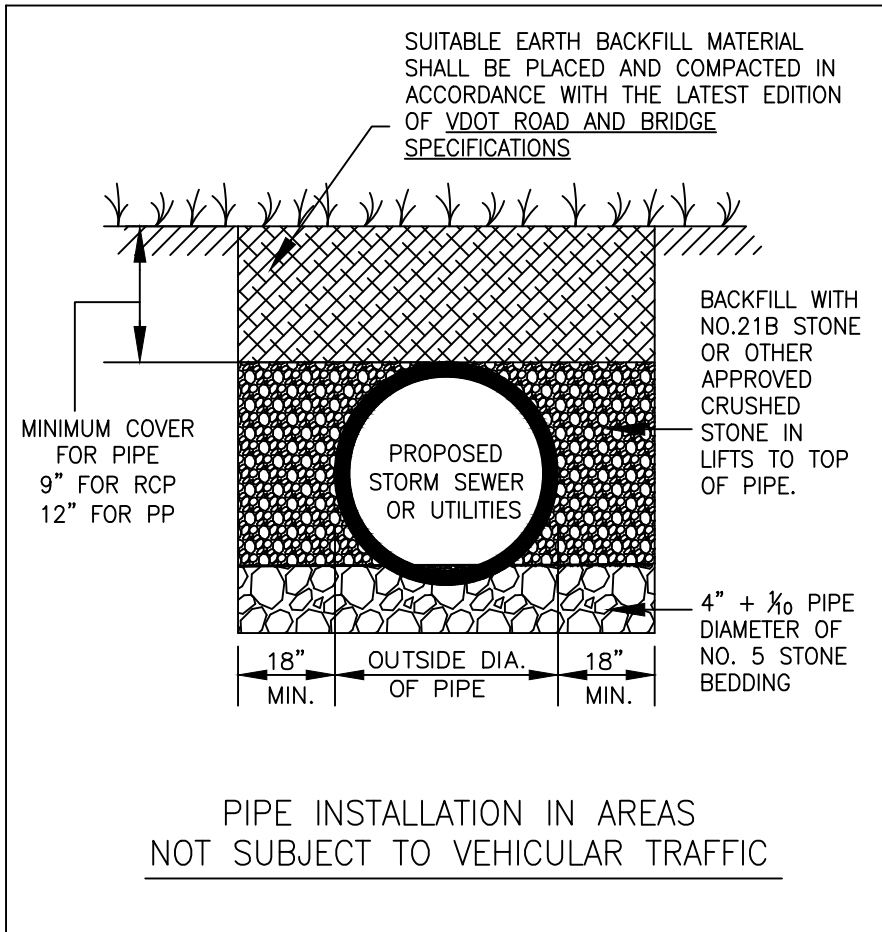


INSTALLATION OF ENTRANCE PIPE

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

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- NOTES: 1. SEE APPENDIX C FOR PAVEMENT REPLACEMENT BEDDING AND BACKFILL DETAILS FOR PIPES IN EXISTING ROADWAYS.
2. IF SUB-GRADE ELEVATION HAS BEEN ACHIEVED PRIOR TO TRENCH EXCAVATION FOR STORM SEWER OR UTILITIES. THE TRENCH WILL BE BACKFILLED TO SUB-GRADE ELEVATION WITH NO. 21-B STOVE OR OTHER APPROVED CRUSHED STONE IN COMPACTED LIFTS.



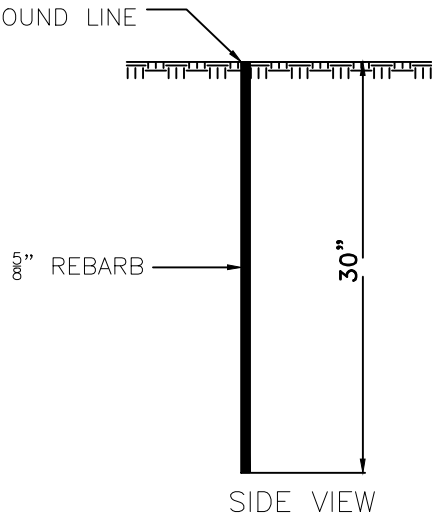
PIPE BEDDING & BACKFILL
 (For New Development & New Road Construction)
 County of Henrico
 Department of Public Works

AUGUST 11, 2023

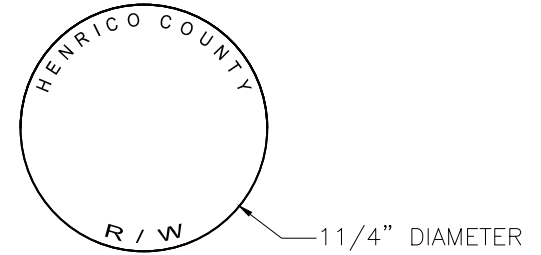
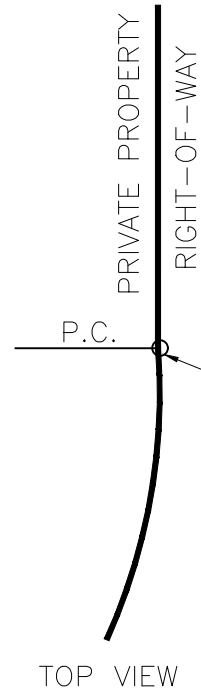
C-30.DWG

RIGHT OF WAY MONUMENTS ARE TO BE SET PLUMB

CAP TO BE SET FLUSH WITH THE GROUND LINE



PIN TO BE ACCURATELY SET BY SURVEY PARTY AND CAP PUNCHED TO INDICATE R/W LINE.



DETAIL N.T.S.

PLASTIC CAP IS TO BE HIGH VISIBILITY ORANGE WITH STAMPED BLACK LETTERS.

MONUMENT TO BE SET AT PUNCH MARK OF PLASTIC CAP. (SEE DETAIL)

NOTE: RIGHT-OF-WAY MONUMENTS ARE TO BE INSTALLED FLUSH WITH THE EXISTING GROUND.
RIGHT-OF-WAY MONUMENTS ARE REQUIRED AT ALL P.C.'S AND P.T.'S AND AT INTERVALS ON TANGENTS TO BE VISIBLE FROM EACH AND AT ALL BREAKS IN THE RIGHT-OF-WAY LINES.

C-31-REVISED

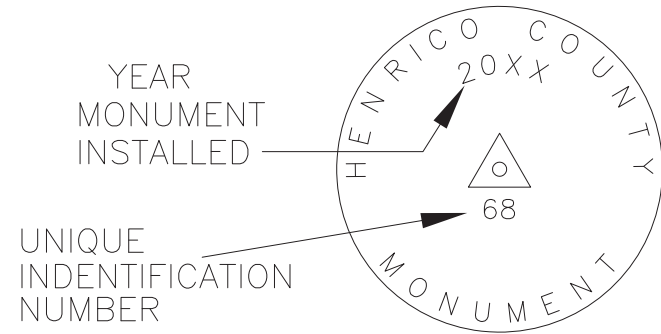
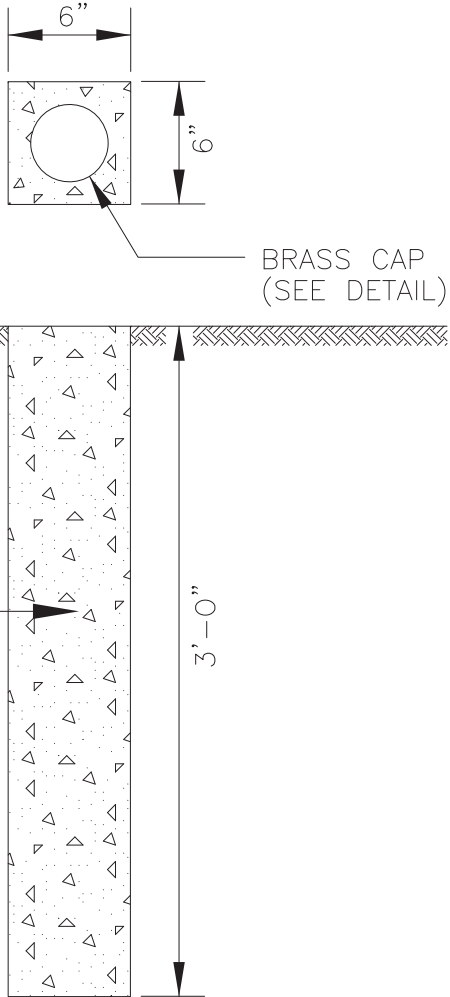


RIGHT-OF-WAY MONUMENT

County of Henrico
Department of Public Works

JUNE 2023

C-31-REVISED.DWG



BRASS CAP DETAIL

PRECAST
CONCRETE
MONUMNET

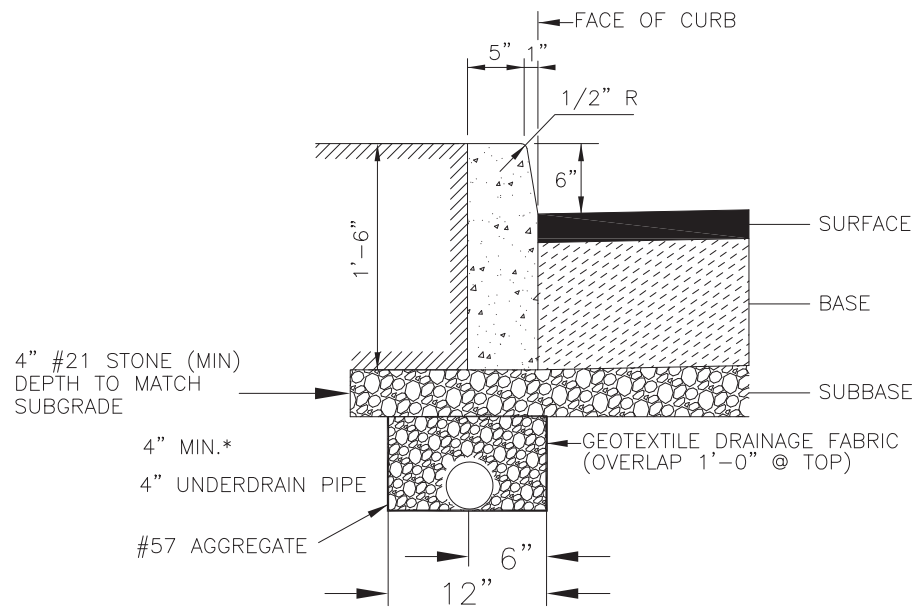
GPS CONTROL NETWORK MONUMENT

County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-32.DWG



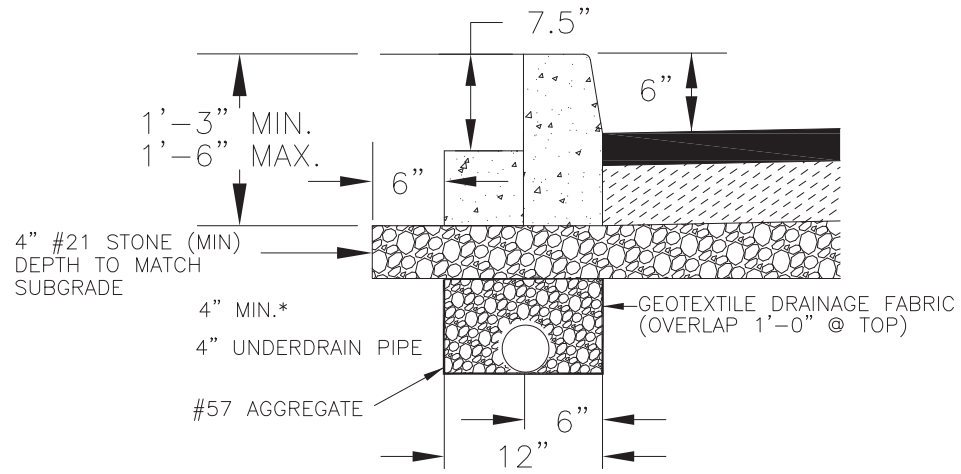


4" #21 STONE (MIN)
DEPTH TO MATCH
SUBGRADE

4" MIN.*
4" UNDERDRAIN PIPE
#57 AGGREGATE

GEOTEXTILE DRAINAGE FABRIC
(OVERLAP 1'-0" @ TOP)

* MAINTAIN 4" MIN #57 STONE ABOVE TOP OF UNDERDRAIN PIPE



1'-3" MIN.
1'-6" MAX.

4" #21 STONE (MIN)
DEPTH TO MATCH
SUBGRADE

4" MIN.*
4" UNDERDRAIN PIPE
#57 AGGREGATE

GEOTEXTILE DRAINAGE FABRIC
(OVERLAP 1'-0" @ TOP)

* MAINTAIN 4" MIN #57 STONE ABOVE TOP OF UNDERDRAIN PIPE

ACCEPTABLE ALTERNATIVE
IF CURB IS EXTRUDED

EDGEDRAINS REQUIRED ALONG EACH SIDE OF
MEDIAN / ISLAND CURB.

FOR OTHER NOTES AND DETAILS NOT SHOWN REFER
TO VDOT STANDARDS FOR UD-4 UNDERDRAINS

CONCRETE SHALL BE CLASS A-3



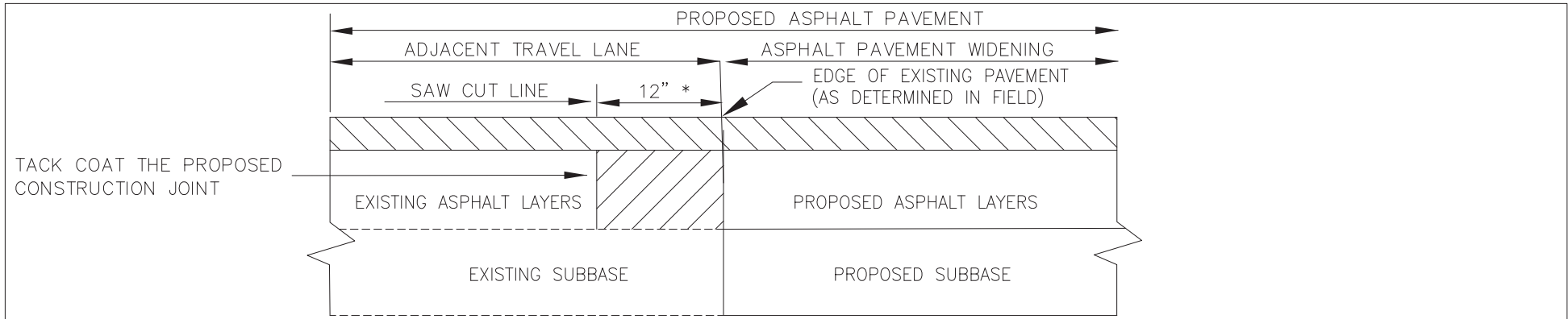
PAVEMENT EDGEDRAIN FOR RAISED GRASS MEDIANS & ISLANDS

County of Henrico
Department of Public Works



SEPTEMBER 1, 2021

C-33.DWG

C-33



CONSTRUCTION JOINT DETAIL

-  SAW CUT TO REMOVE EXISTING ASPHALT LAYERS TO EXISTING SUBBASE AND REPLACE WITH PROPOSED ASPHALT WIDENING LAYERS (SEE NOTE 2)
-  PROPOSED MINIMUM 2 INCH THICK ASPHALT COURSE (SEE NOTE 5)

* PROPOSE MINIMUM 12 INCHES OR GREATER AS NECESSARY TO ABUT THE FULL THICKNESS OF EXISTING ASPHALT LAYERS AS DETERMINED BY CORES (SEE NOTE 3)

NOTES:

1. ASPHALT PAVEMENT WIDENING SHALL HAVE A PAVEMENT DESIGN IN ACCORDANCE WITH SECTION 2.26 OF THIS MANUAL AND BE APPROVED BY THE CONSTRUCTION ENGINEER.
2. THE PAVEMENT DESIGN FOR THE ASPHALT PAVEMENT WIDENING SHALL MEET OR EXCEED THE DEPTHS AND TYPES OF THE LAYERS OF THE EXISTING PAVEMENT. SUBSURFACE DRAINAGE OF THE EXISTING AND PROPOSED PAVEMENT SHALL BE ADDRESSED IN THE PAVEMENT DESIGN.
3. A MINIMUM OF THREE CORES SHALL BE TAKEN ALONG THE CENTER OF THE ADJACENT TRAVEL LANE TO DETERMINE THE TYPE AND THICKNESS OF EXISTING LAYERS. THESE CORES SHALL BE SPACED NO MORE THAN 500 FEET APART. CORED HOLES SHALL BE REPAIRED IN ACCORDANCE WITH VDOT SPECIFICATIONS.
4. THE ADJACENT TRAVEL LANE SHALL BE MILLED A MINIMUM DEPTH OF 2 INCHES AND REPLACED WITH AN ASPHALT SURFACE COURSE TO MATCH THE PROPOSED PAVEMENT WIDENING SURFACE COURSE, UNLESS WAIVED BY THE ENGINEER.
5. THE CONSTRUCTION ENGINEER MAY REQUIRE THE MILLING DEPTH OF THE EXISTING PAVEMENT TO BE ADJUSTED TO ACHIEVE AN ACCEPTABLE PAVEMENT CROSS SLOPE AND EFFECTIVE SURFACE DRAINAGE.
6. EXISTING PAVEMENT MARKINGS AND MARKERS WITHIN THE PROJECT LIMITS SHALL BE RESTORED SUBJECT TO THE APPROVAL OF THE TRAFFIC ENGINEER.
7. FINAL TRANSVERSE PAVEMENT TIE-IN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 315.05(C) OF VDOT SPECIFICATIONS EXCEPT THAT ALL JOINTS AT TIE-IN LOCATIONS SHALL BE TESTED USING A 10 FOOT STRAIGHTEDGE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 315.07(c) OF VDOT SPECIFICATIONS. THE VARIATION FROM THE TESTING EDGE OF THE STRAIGHTEDGE BETWEEN ANY TWO CONTACT POINTS WITH THE PAVEMENT SURFACE SHALL NOT EXCEED 1/4"
8. OVERLAY THE EXISTING PAVEMENT AS SHOWN IN THE CONSTRUCTION JOINT DETAILS.
9. A STRAIGHT PERPENDICULAR CONSTRUCTION JOINT SHALL BE PROVIDED AT ALL LOCATIONS WHERE NEW PAVEMENT ABUTS EXISTING PAVEMENT.
10. THE AREA OF PAVEMENT SHALL BE TRENCHED TO THE SUBGRADE AND COMPACTED PER VDOT SPECIFICATIONS. SURFACE OF WIDING AREA SHALL BE FLUSH WITH THE SURFACE OF EXISTING PAVEMENT PRIOR TO MILLING AND OVERLAY. MILLING OF NEW AND EXISTING PAVEMENT MAY BE REQUIRED TO ACHIEVE ACCEPTABLE PAVEMENT CROSS-SLOPE AND PAVEMENT DRAINAGE.
11. SAWCUT FULL DEPTH OF ASPHALT PAVEMENT IS TO BE CONSIDERED INCIDENTAL AND THE COST SHALL BE INCLUDED IN OTHER PAY ITEMS.
12. OVERLAY THE ENTIRE AREA OF THE NEW AND EXISTING PAVEMENT WITH A MINIMUM OF 220 LBS/SQ YD OF ASPHALT CONCRETE.

C-34

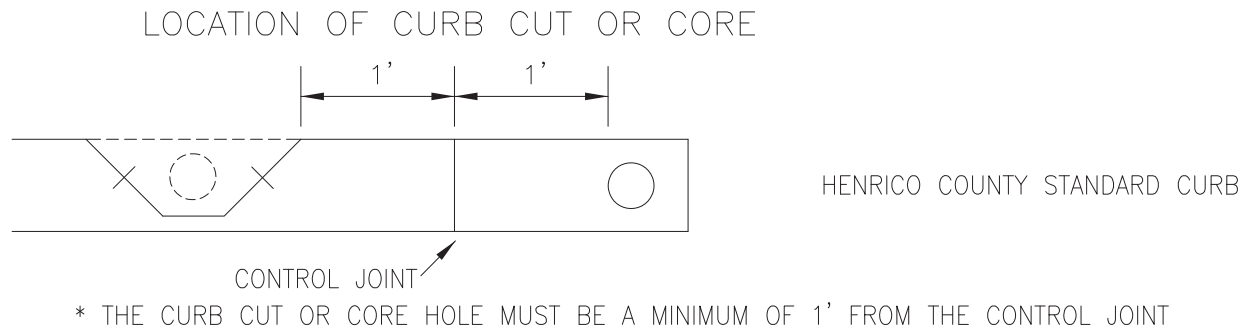
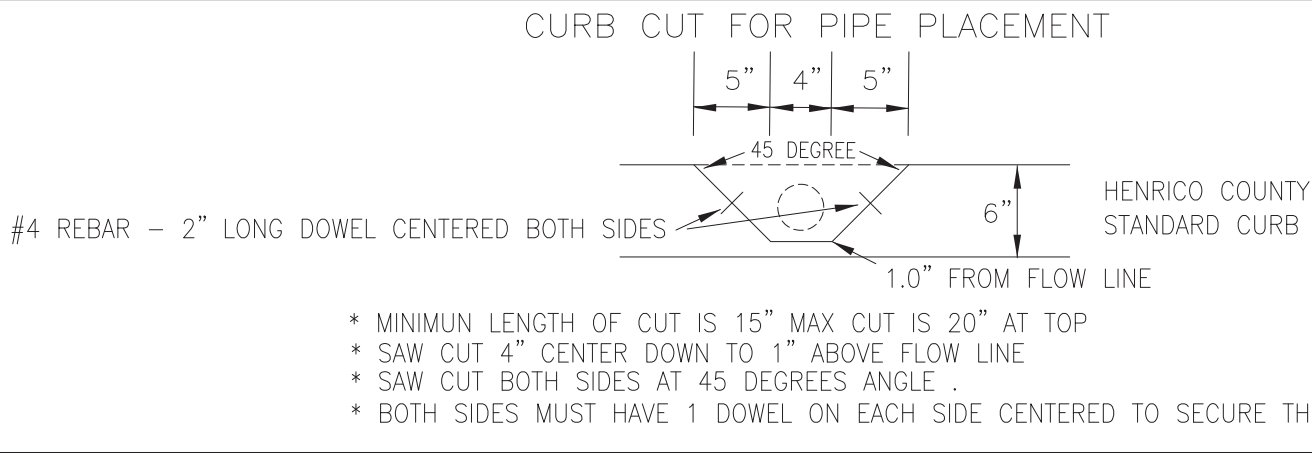
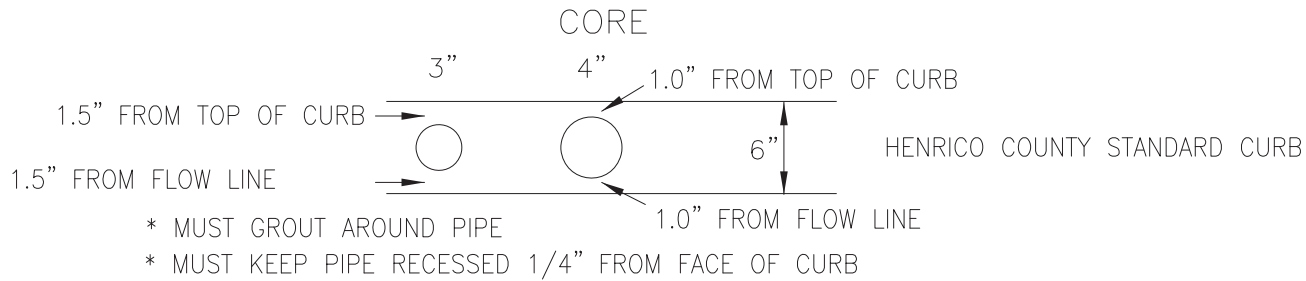


ASPHALT PAVEMENT WIDENING

FOR WIDENING SUBJECT TO TRAFFIC
County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-34.DWG

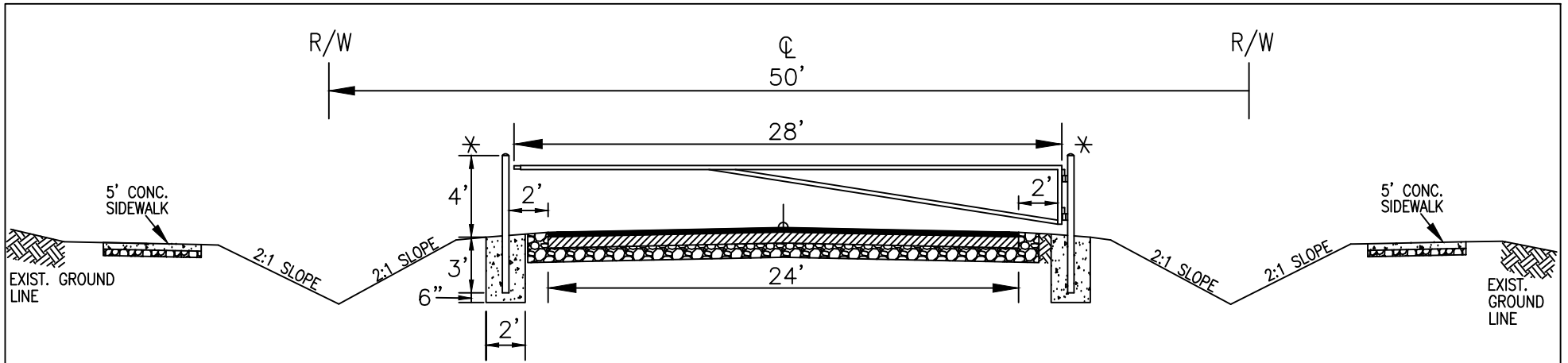


3" OR 4" PIPE CORE AND CURB CUT DETAIL

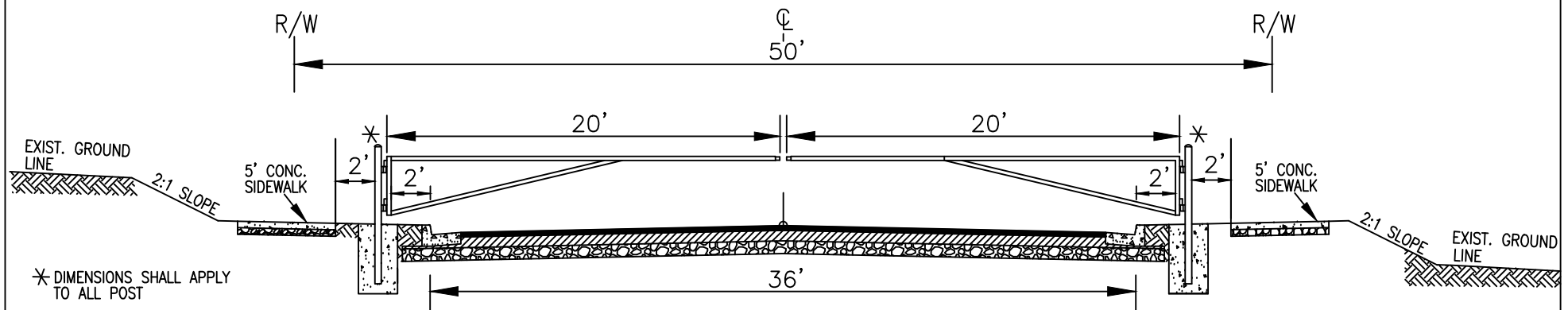
County of Henrico
Department of Public Works

SEPTEMBER 1, 2021

C-35.DWG



TYPICAL ROADWAY SECTION WITH ACCESS GATE AND WITHOUT CURB AND GUTTER



* DIMENSIONS SHALL APPLY TO ALL POST

TYPICAL ROADWAY SECTION WITH DOUBLE GATE AND CURB AND GUTTER

TYPICAL SECTION - ROAD VEHICLE GATE CLASSIFICATIONS I-IV

NOT TO SCALE

OCTOBER 3, 2023

County of Henrico
Department of Public Works

TSRVG.DWG

