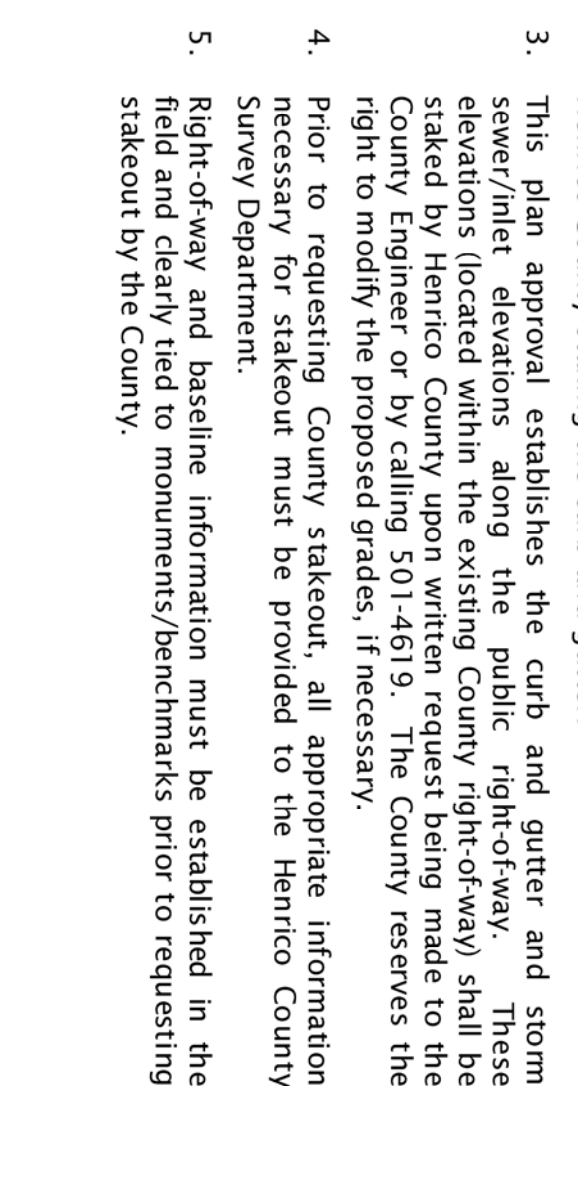
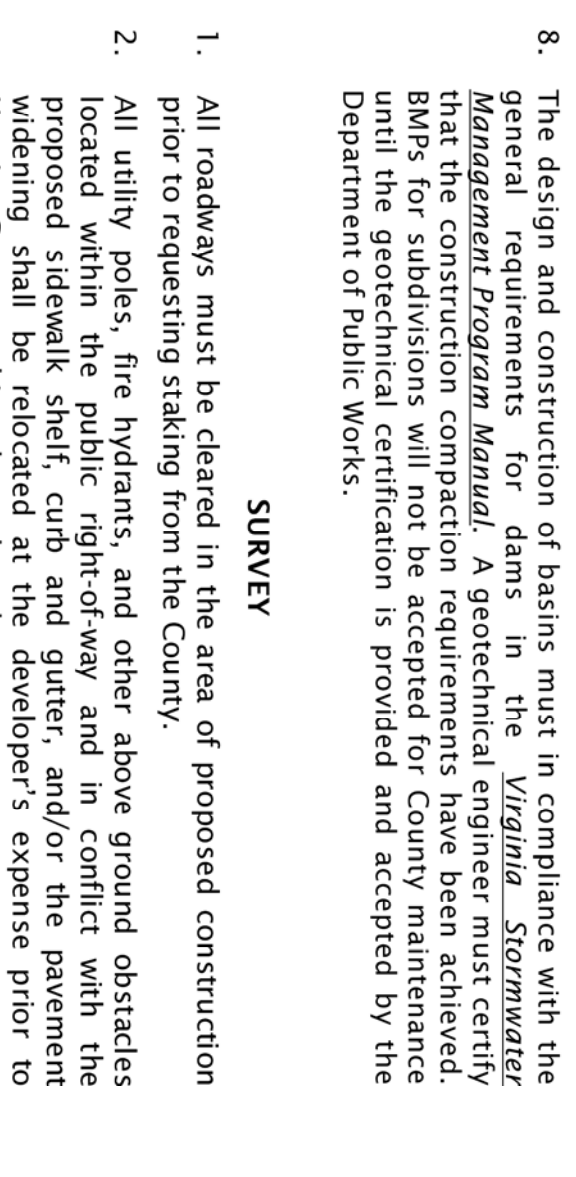
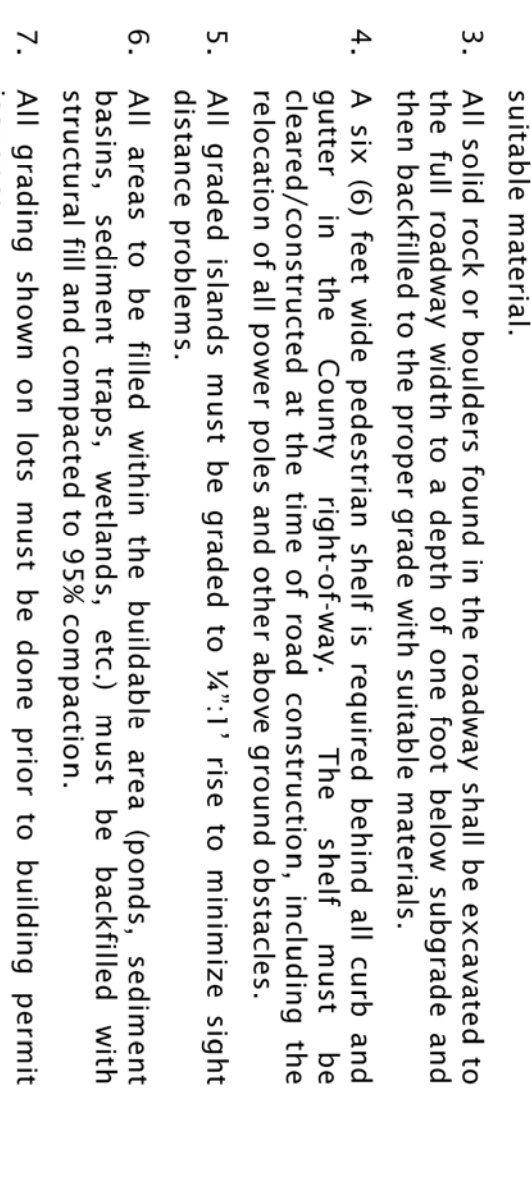
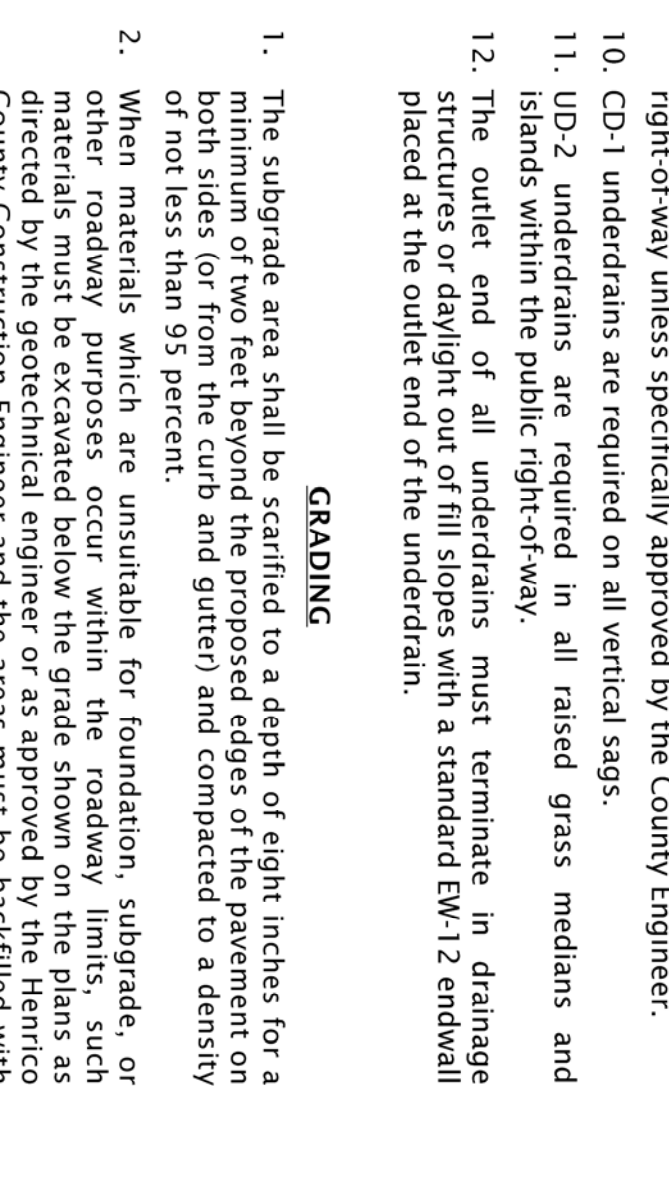
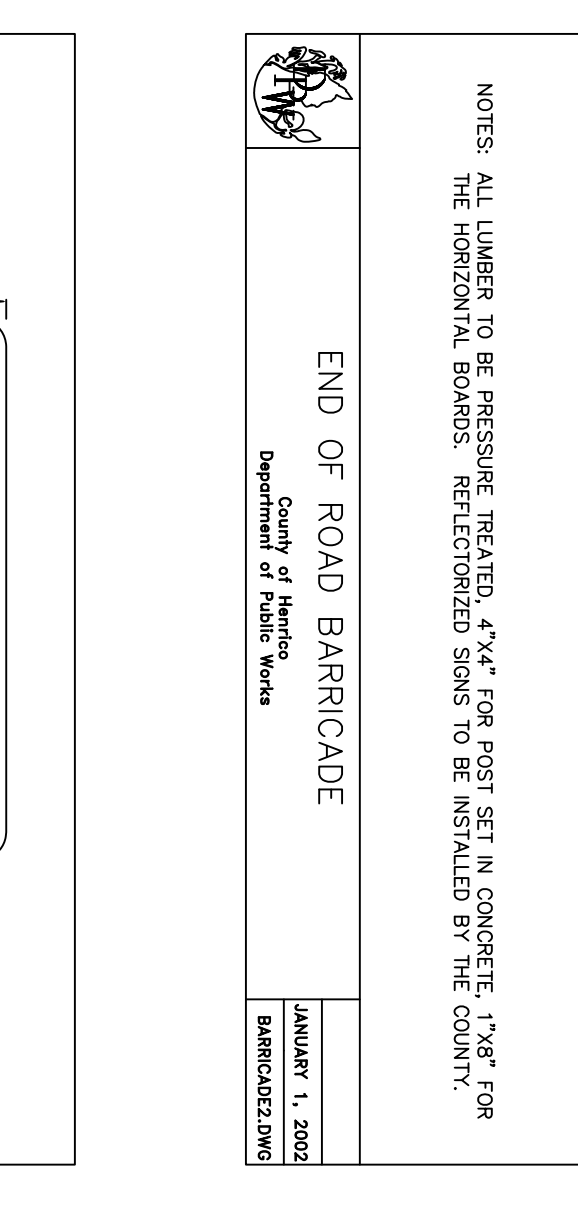
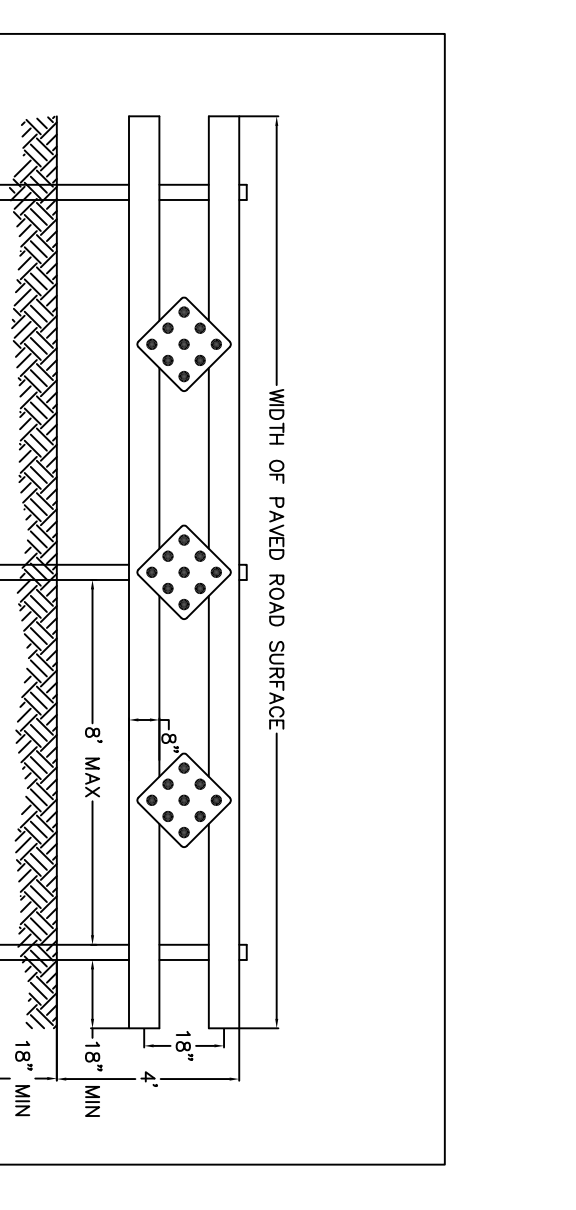
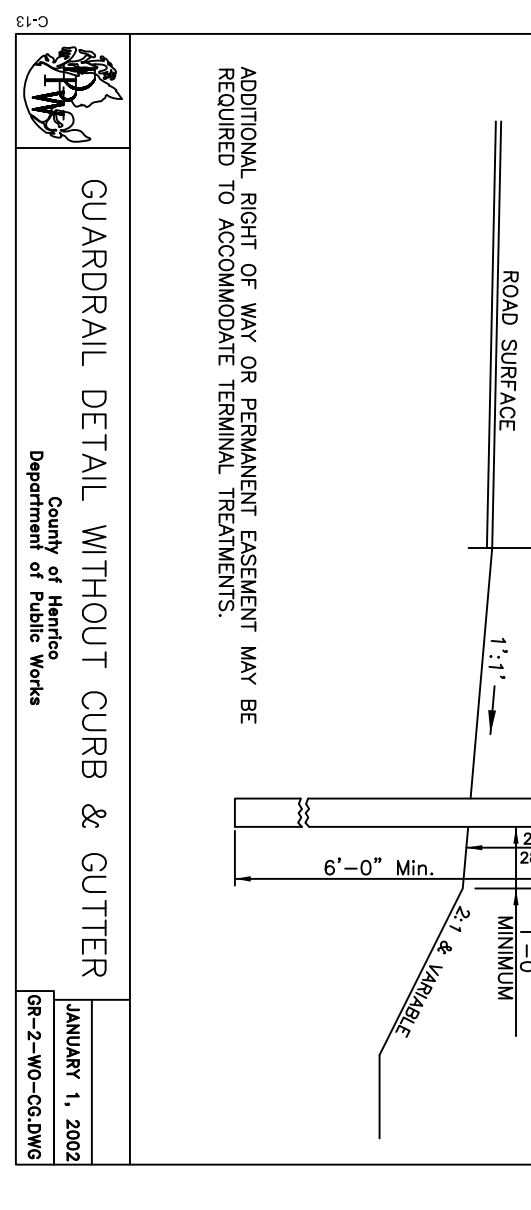
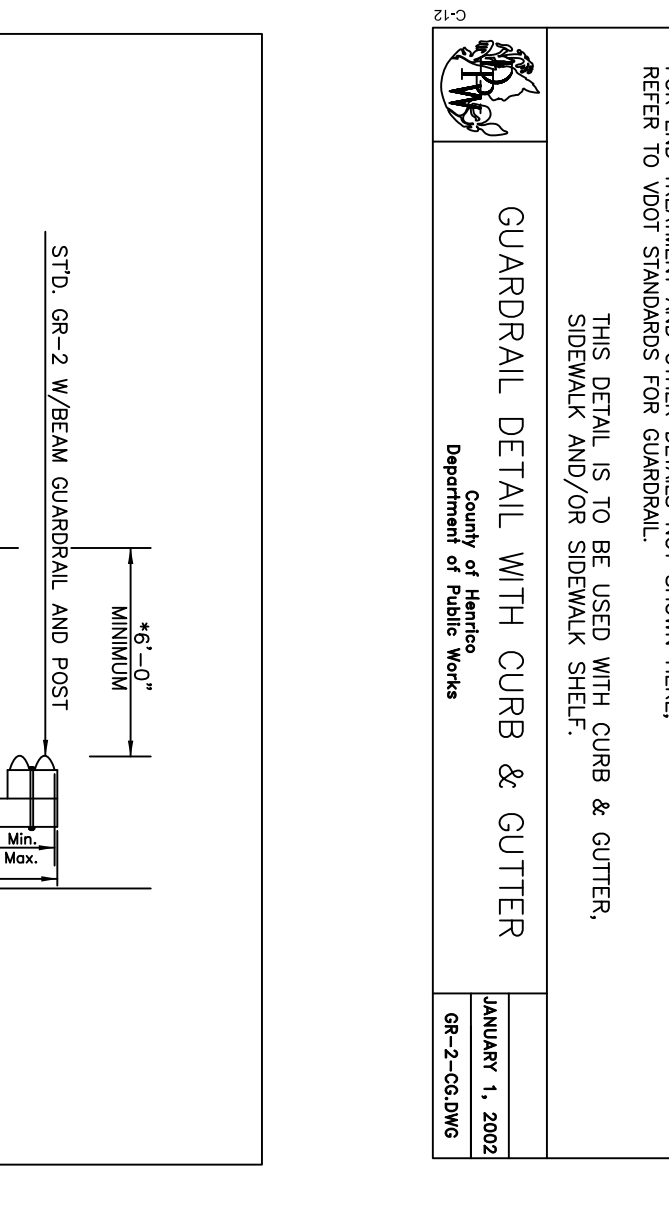
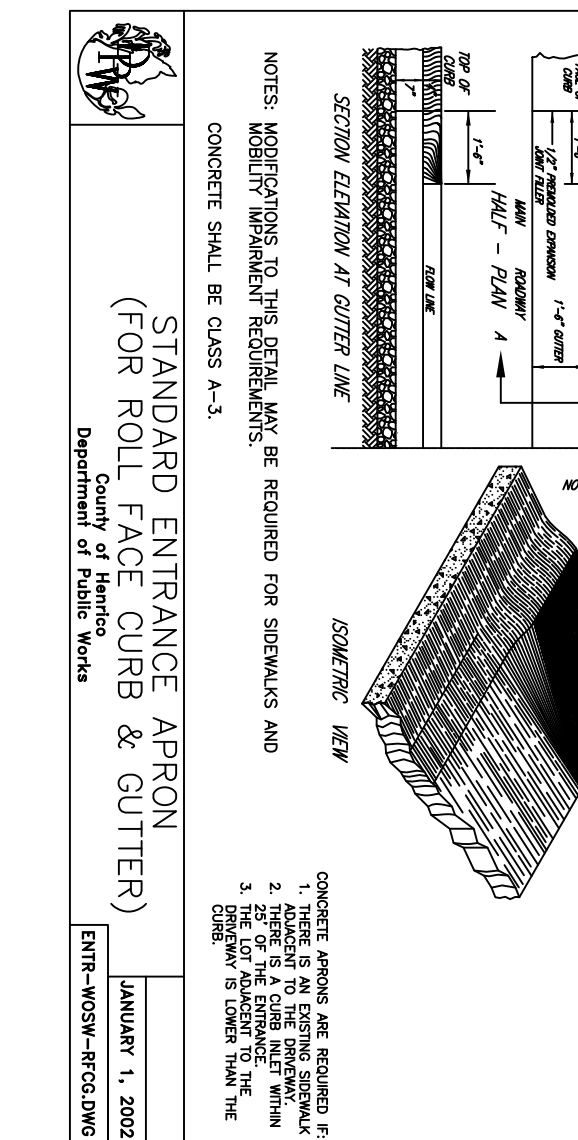
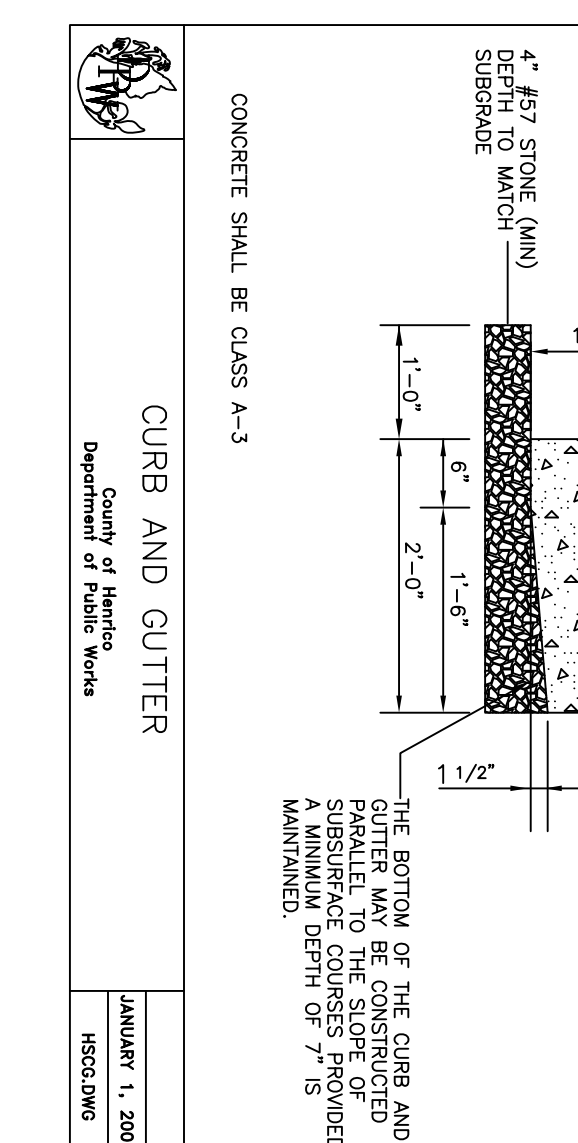
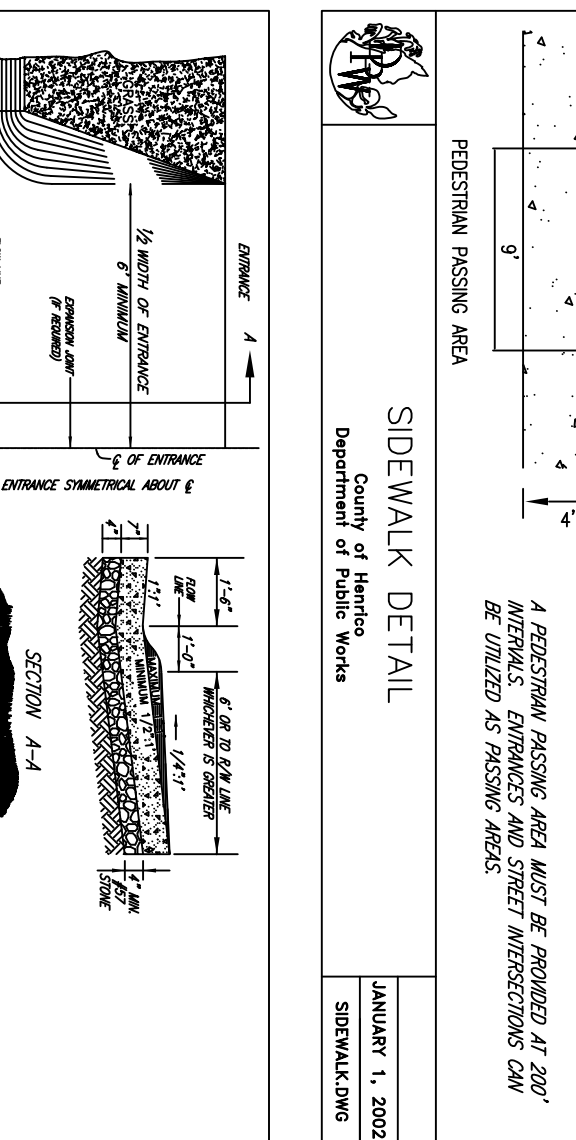
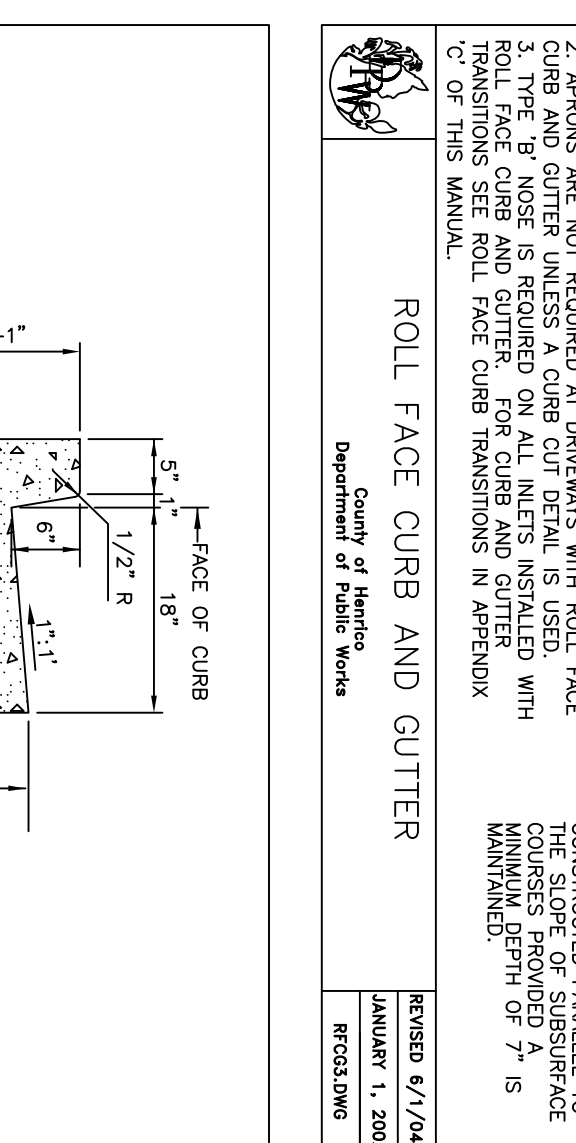
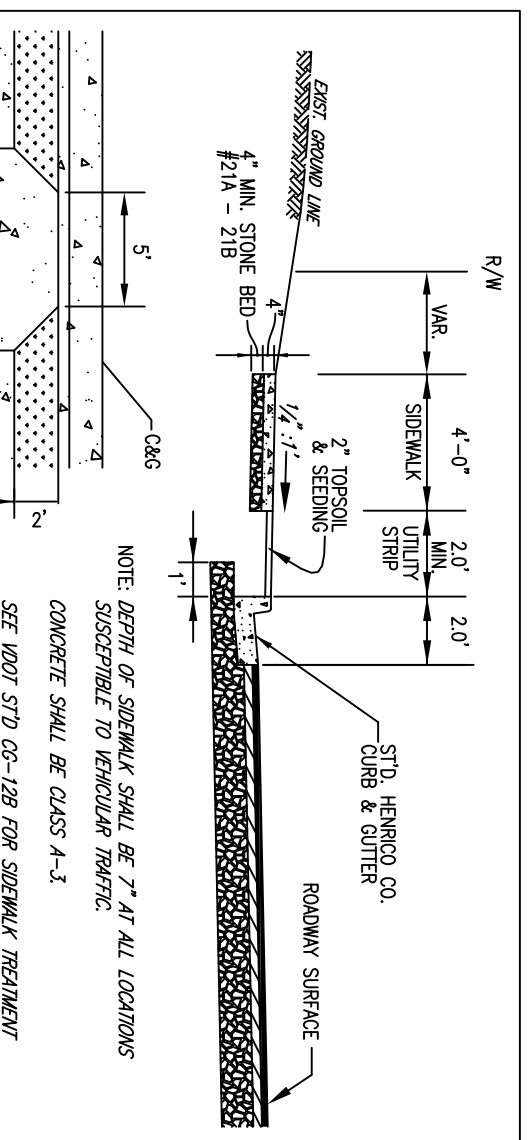
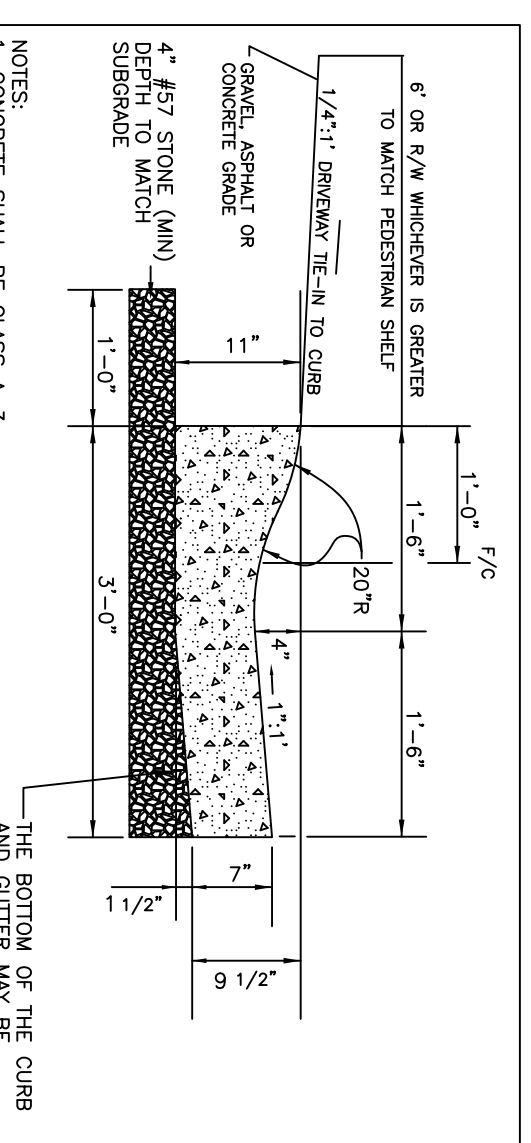
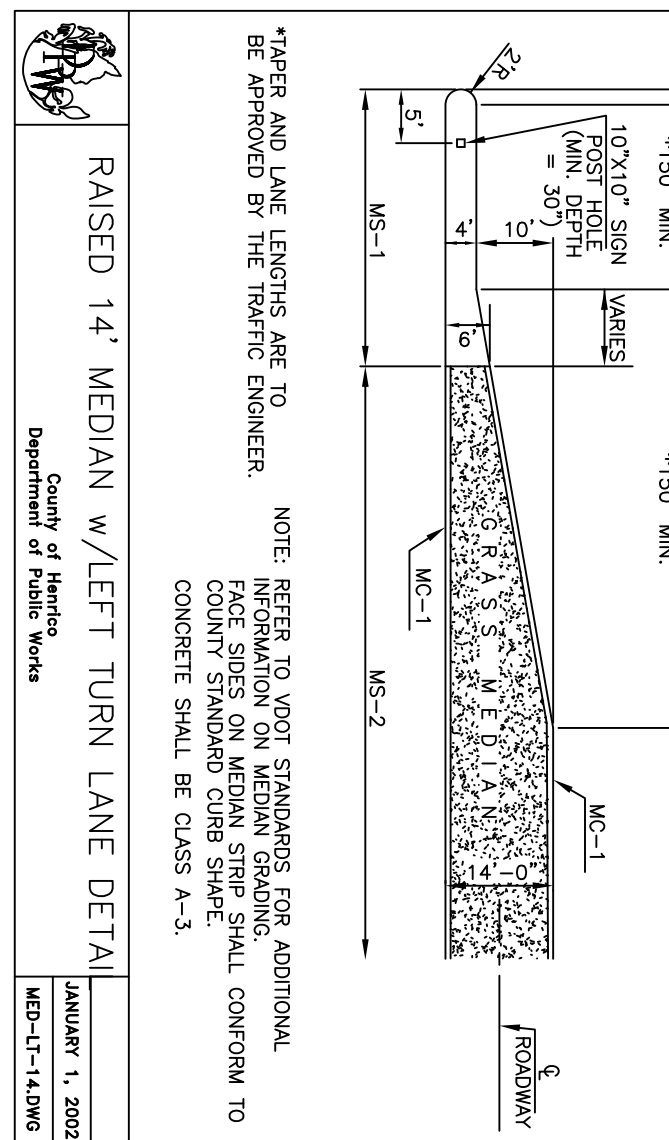
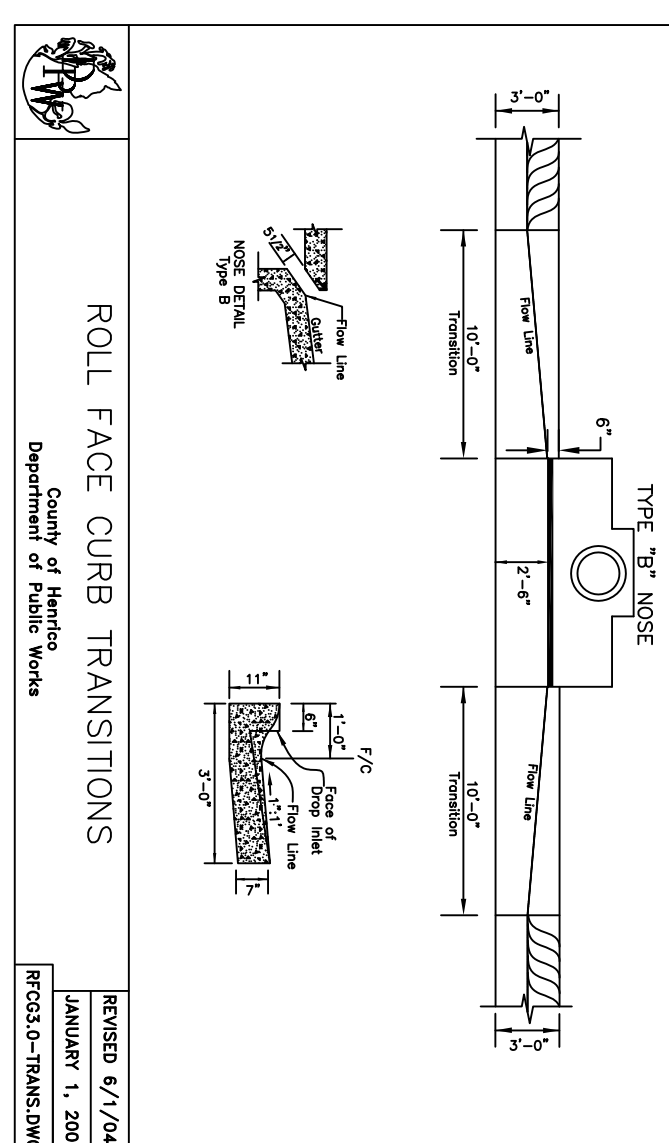
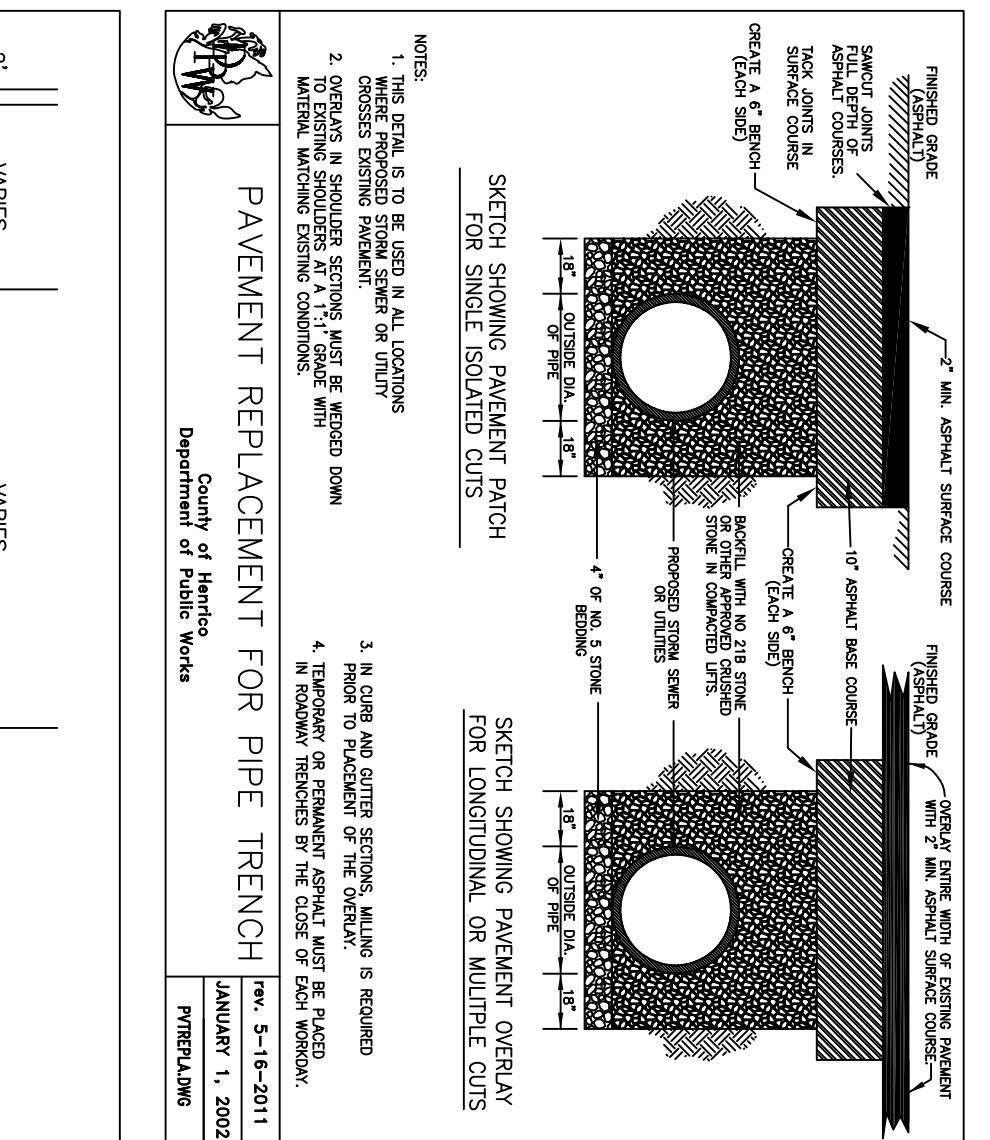
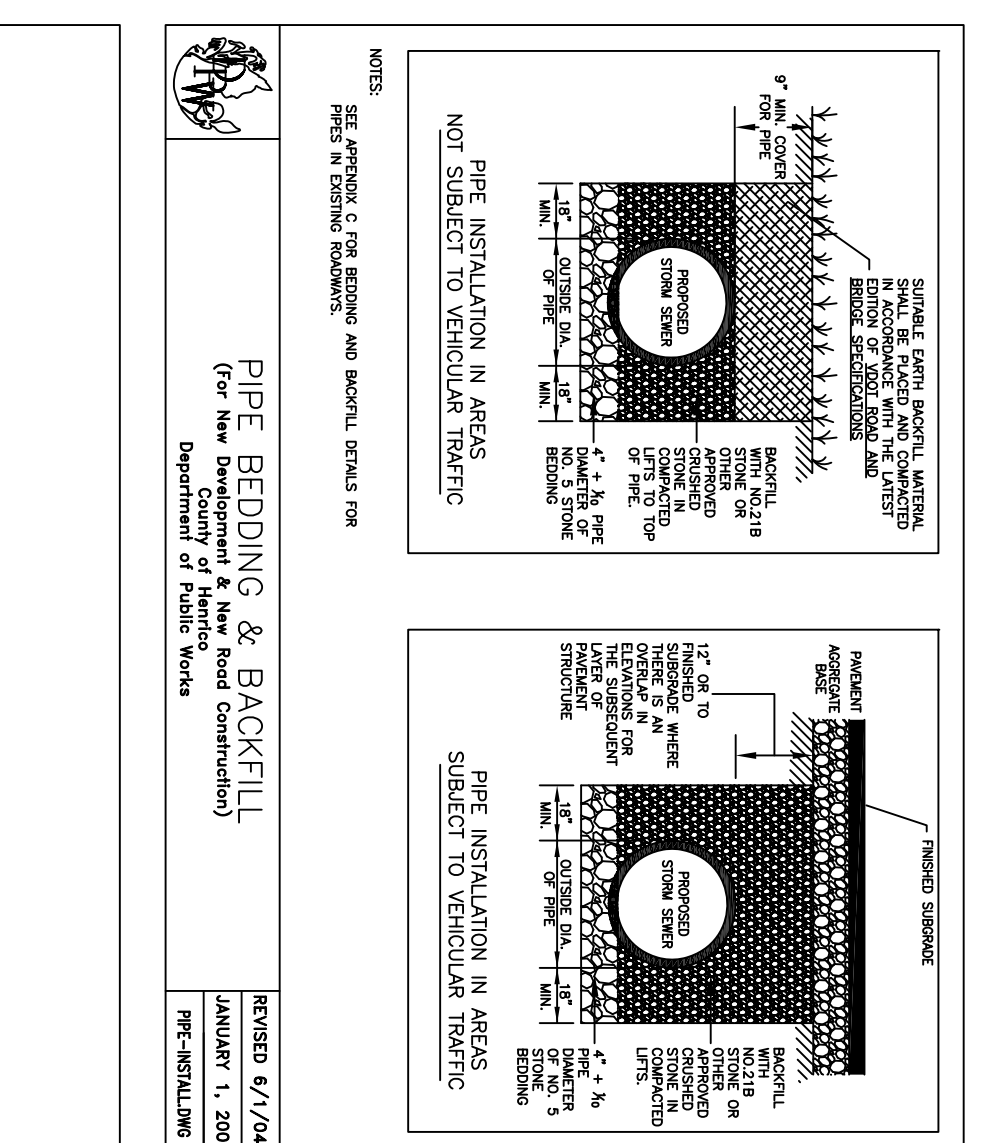


STANDARD CONSTRUCTION NOTES AND DETAILS
REFER TO HENRICO COUNTY
DESIGN MANUAL FOR ADDITIONAL DETAILS



GENERAL NOTES

- All construction and materials shall be in accordance with the current Virginia Department of Transportation Road and Bridge Standards, Virginia Department of Transportation Road and Bridge Standards, and Henrico County Specifications and Standards where applicable.
- Incidental concrete must be Class A3 in accordance with VDOT specifications.
- A permit must be secured from the Henrico County Department of Public Works before any work is performed within an existing County right-of-way or easement.
- The Department of Public Works must be notified at least 24 hours prior to beginning any construction work.
- The contractor shall notify the Henrico County Department of Public Utilities prior to doing any utility work.
- The location of existing utilities, as shown, is approximate. The contractor shall verify the location of existing utilities prior to any construction work.
- A permit must be obtained from the Virginia Department of Transportation for any work performed within the State right-of-way. The contractor shall notify "Miss Utility" at 1-800-552-7001 prior to any construction work in this area.
- When it appears that the proposed work may have some impact on adjacent private or commercial properties, the applicant must inform the property owners of the proposed work and keep them apprised of time schedules, delays, impacts, changes in pedestrian and vehicle access or traffic patterns, and final restoration plans.
- When a temporary cut-de-seal is no longer required due to a road extension, the developer of the road being extended is responsible for removing the temporary cut-de-seal and extending the road and property components (curb and gutter, gravel driveways, paved driveway, sidewalks, mailboxes, etc.) to the new road section and re-grading areas to finished contours acceptable to the adjacent property owners and to Henrico County.
- No driveway access points shall be allowed within the radius of a public road intersection.
- When driveways are located within roll face curb and gutter, transitions to a drop inlet, curb cuts and aprons are required.
- Prior to the issuance of any building permits, all signs and barricades for dead end stub roads must be in place.

CURB AND GUTTER

- All curb and gutter and storm sewer/inlets located within the existing County right-of-way shall be staked by the County upon written request being made to the County Engineer or by calling 501-4619.
- All curb and gutter shall be Henrico County standard curb and gutter, except as noted.
- This plan establishes curb and gutter elevations along the public right-of-way. The County reserves the right to modify the proposed grades, if necessary.
- All curb and gutter in the County right-of-way must be wet curb and gutter. The use of dry curb and gutter is prohibited in the County right-of-way.
- The transition from standard six (6) inch curb to roll-faced curb shall be at intersections at the point of curvature (PC) of curb returns.
- Where sidewalks are present or proposed, all driveways must be concrete from the back of curb to at least the rear of the sidewalk.
- Class 57 stone must be placed under all curb and gutter and must extend one foot beyond the back of the curb.
- CG-12s must be installed at curb returns where there is existing or proposed sidewalks. In locations where there is no sidewalk being proposed, the curb must be depressed for the future location of a CG-12.

CONDITIONS FOR GUARDRAIL

Guardrail is typically required on sections of roadway when any of the following conditions exist within the clear zone:

- A roadside parallel embankment (fill slope) of 3:1 or steeper and a depth of four feet or more.
- A water hazard with a depth of two feet or more.
- A ditch section with a depth of three feet or more (as measured from the near edge of pavement).
- A bridge pier, or abutment).
- Other hazards as determined by the Traffic Engineer.
- Additional right-of-way or permanent easements may be required to accommodate the guardrail in its entirety.

All guardrail must be approved by the Department of Public Works and shown on the plans, including any necessary details, type, and lengths of rail.

WHERE CONFLICTS EXIST, THE NOTES AND DETAILS ON THIS SHEET SUPERCEDE THE CURRENT VERSION OF THE HENRICO COUNTY DESIGN MANUAL.

PAVEMENT

- The pavement section is subject to change based on soil conditions at the time of construction, as determined by the Construction Engineer for Henrico County.
- Any necessary pavement widening between the existing pavement and the proposed improvements is the responsibility of the developer.
- All medians for turn lanes must be VDOT Std. MS-1. For turn lanes being constructed on existing roads, the old median must be removed entirely and the solid raised median poured on the asphalt base course in accordance with the standards for MS-1 Median. Standard MS-1A or variations of the same will not be permitted.
- Pavement sections for through lanes and turn lanes must be the same as the existing pavement section. These turn lanes must have underdrains.
- No pavement open cuts are allowed on existing County maintained roads unless specifically approved by the Construction Engineer for Henrico County.
- If utility connections are located outside of the pavement and right-of-way, no pavement disturbance is required and all utility crossings must be bored.
- Soil tests and CBR information, with an appropriate pavement design, must be performed and made available to the Construction Engineer prior to subgrade approval.