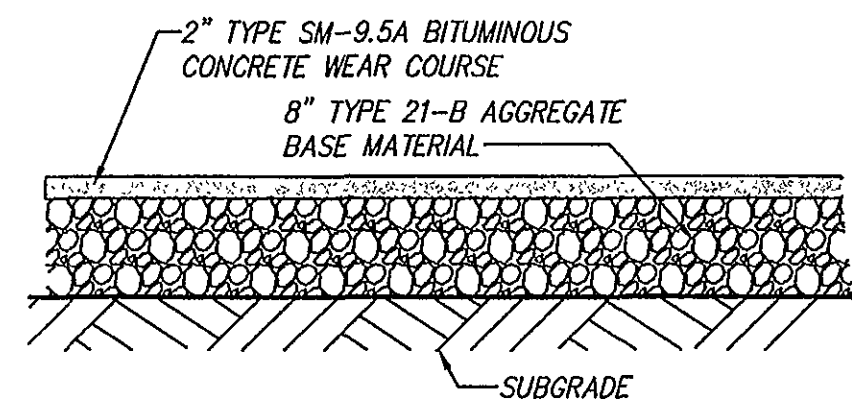
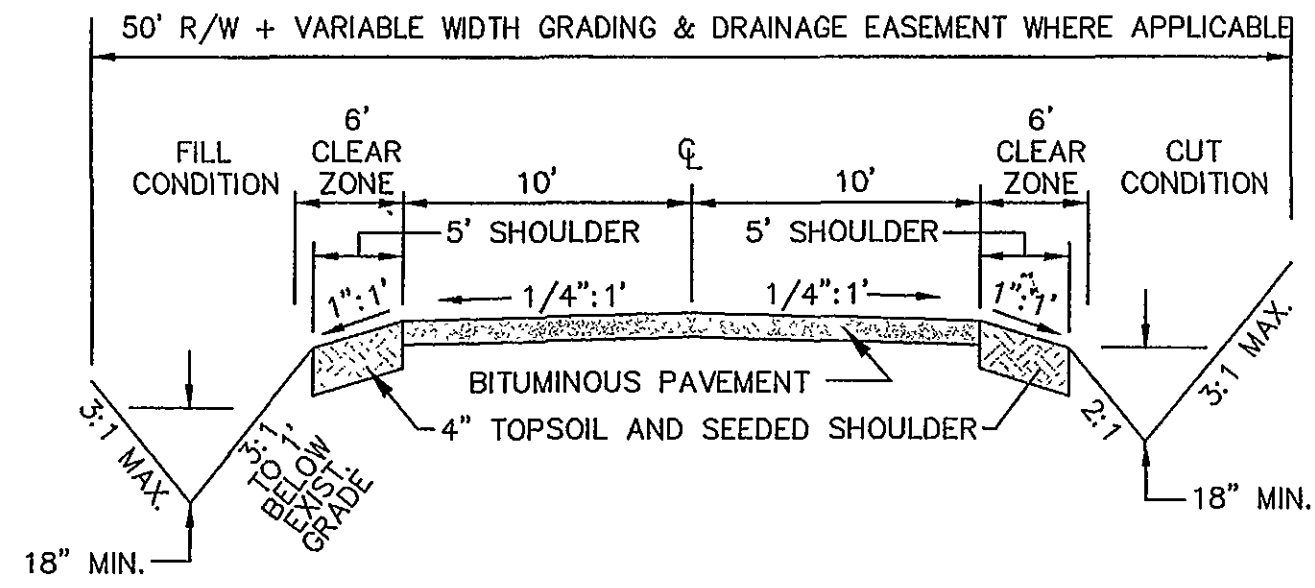
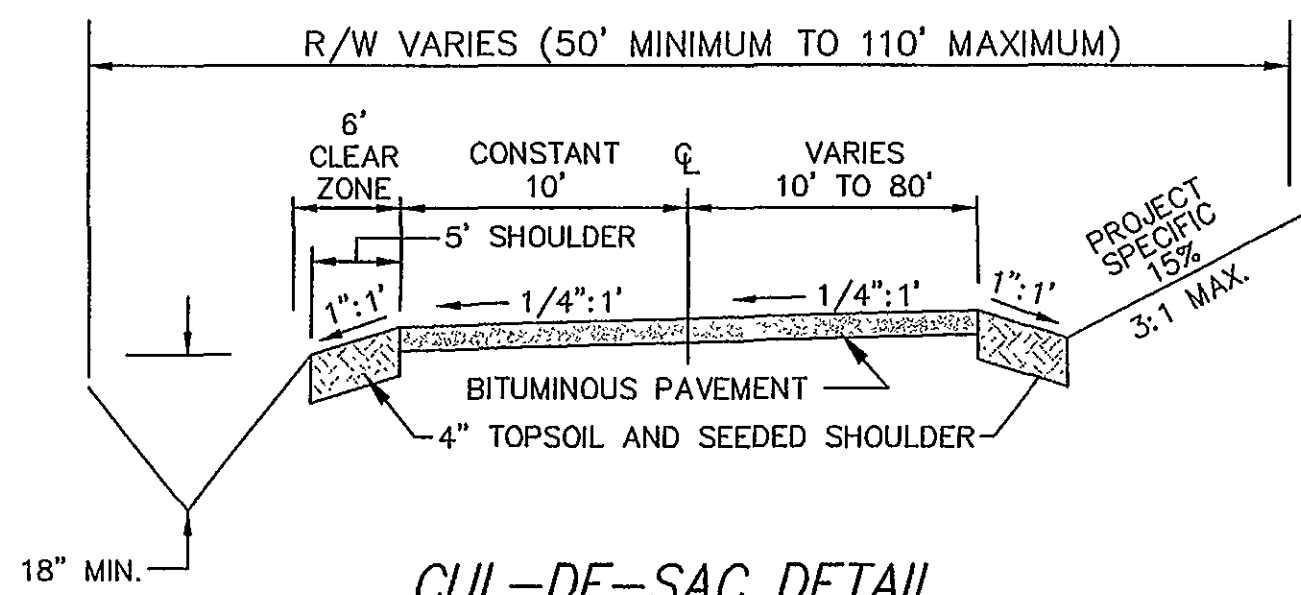




MINIMUM PAVEMENT DETAIL
NO SCALE



TYPICAL ROAD CROSS SECTION
NO SCALE

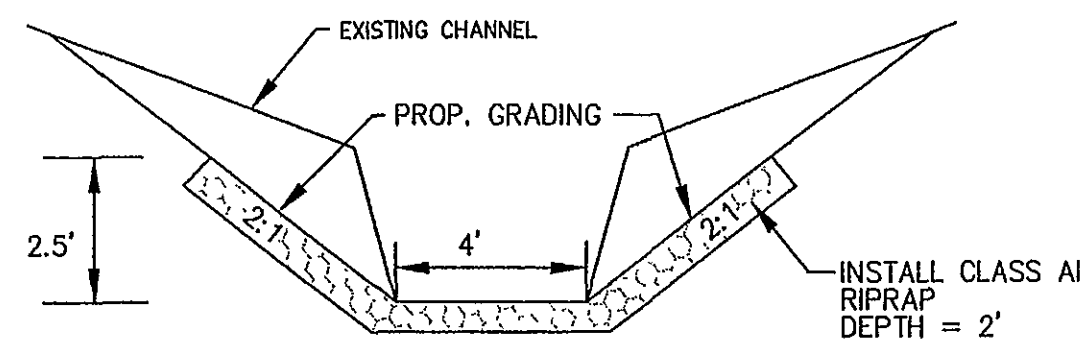


CUL-DE-SAC DETAIL
NO SCALE

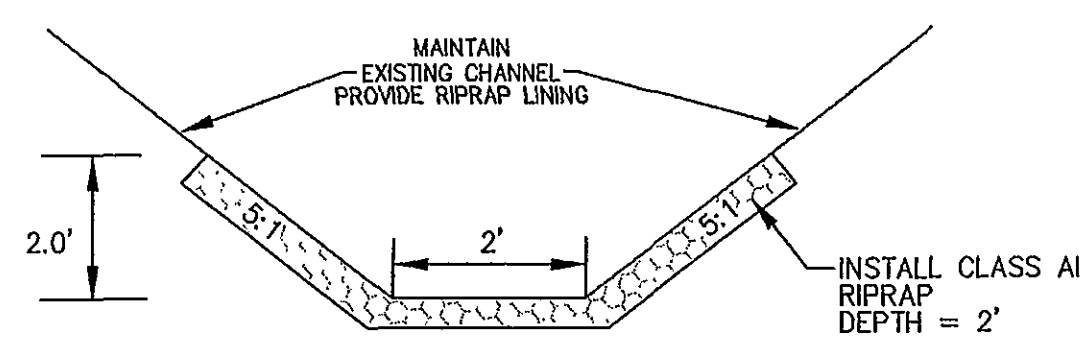
CUL-DE-SAC ROAD SLOPE TRANSITION OCCURS BETWEEN STATIONS 48+25 TO 48+75.

ROAD INTERSECTION TRANSITIONS OCCUR AT EACH INTERSECTION.
"THRU ROAD" CROSS SLOPE IS MAINTAINED TO THE EDGE OF TRAVEL PATH. TRANSITION BEGINS AT EDGE OF TRAVEL PATH AND OCCURS OVER 50' ROAD LENGTH FROM ONE WAY SLOPE TO ROAD CROSS SLOPE ON "INTERSECTING ROAD".

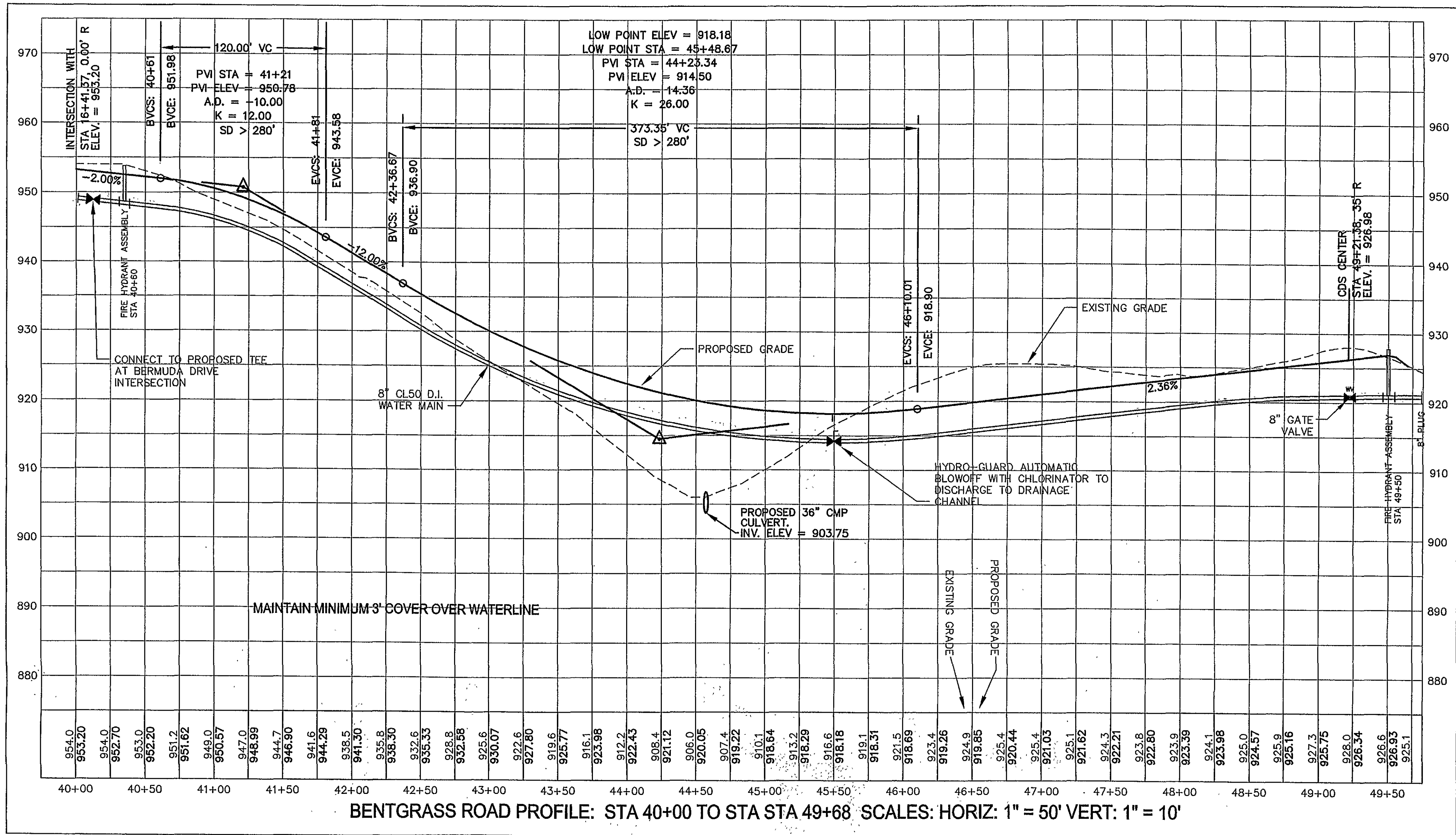
CONTRACTOR SHALL NOTE THE REQUIREMENT FOR SOIL BLANKET MATTING FOR THE ROADSIDE DITCH AS SHOWN ON THE PLANS. REFERENCE IS DIRECTED TO "GRADING & EROSION SEDIMENT CONTROL PLAN" AND "EROSION CONTROL NARRATIVE & DETAILS".



RIPRAP LINED CHANNEL AT STA 44+57
NO SCALE



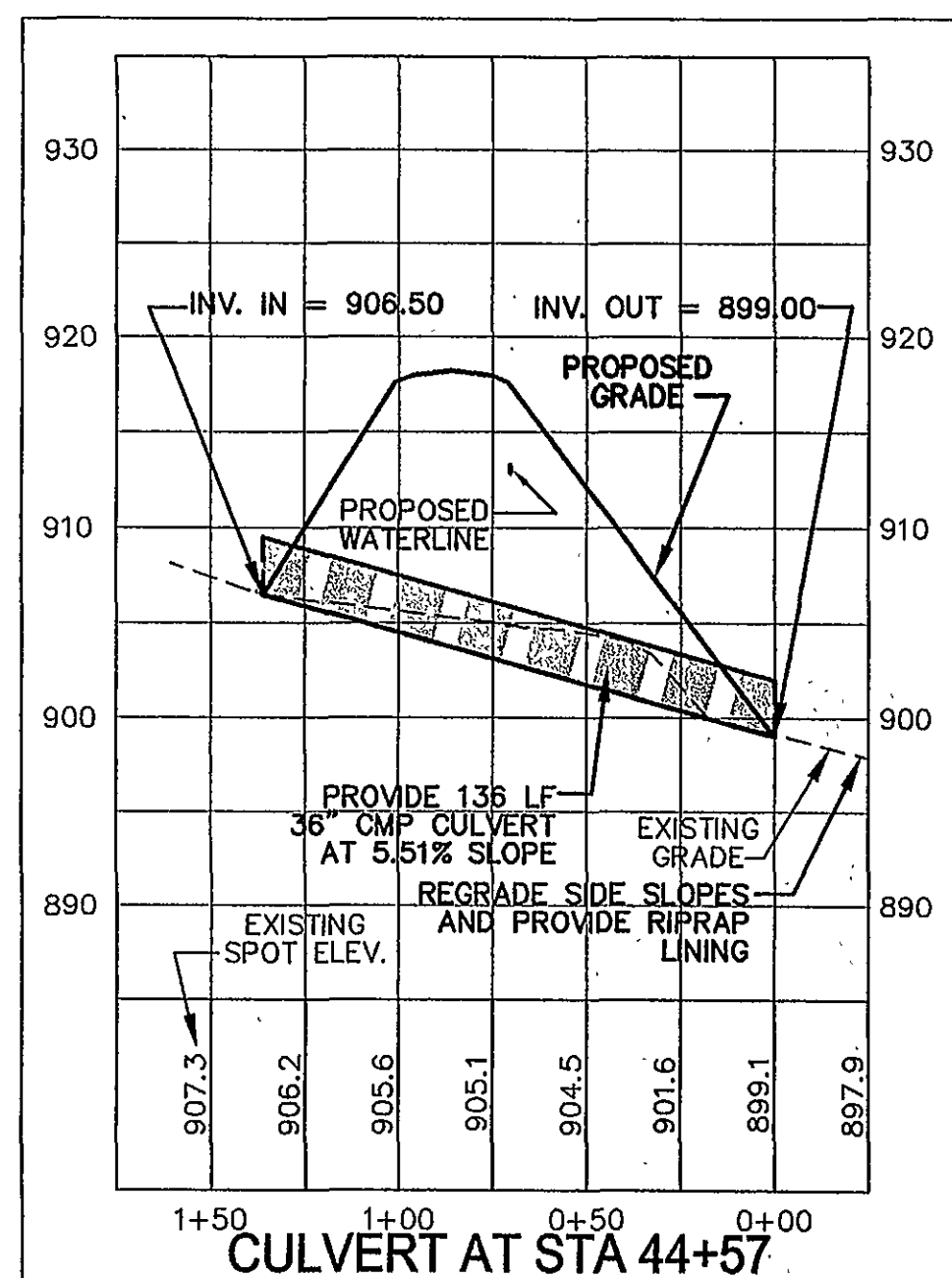
RIPRAP LINED CHANNEL AT STA 29+80
NO SCALE



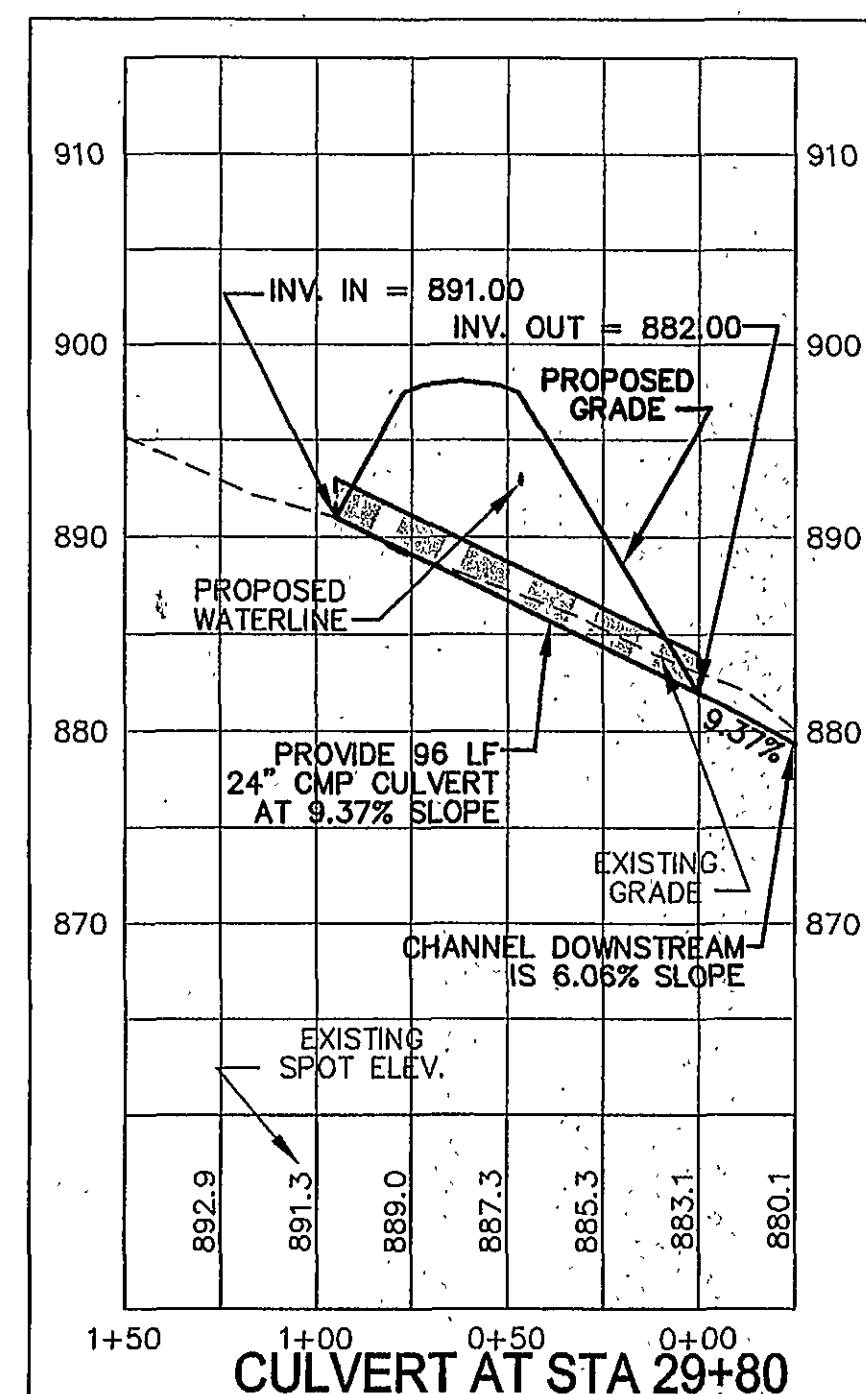
BENTGRASS ROAD PROFILE: STA 40+00 TO STA 49+68 SCALES: HORIZ: 1" = 50' VERT: 1" = 10'

DRAINAGE PIPE NOTES:

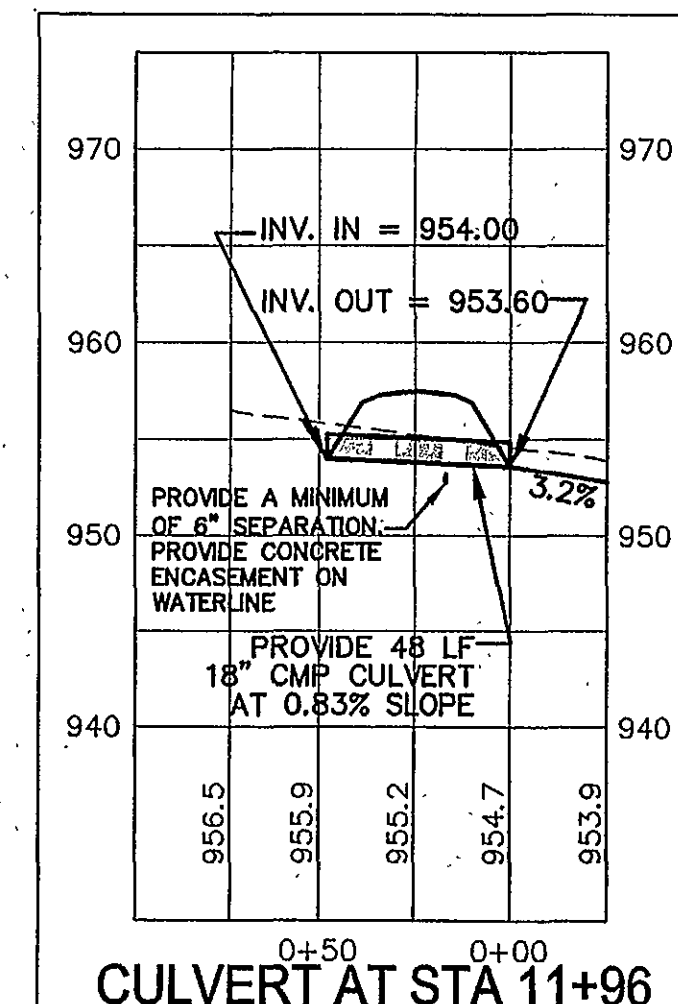
- ALL DRAINAGE PIPE SHALL BE CORRUGATED METAL PIPE (CMP) FOR CULVERTS.
- ALL DRAINAGE PIPE BEDDING SHALL BE IN ACCORDANCE WITH VDOT DETAIL "PB-1", SHOWN IN DETAIL 107.01 WITH THE FOLLOWING NOTED SPECIFICATIONS:
 - CLASS I & CLASS II BEDDING SHALL BE #26 OR #68 CRUSHED STONE
 - TRENCH WIDTH SHALL BE OUTSIDE PIPE DIAMETER PLUS 24"
 - COVER OVER PIPE SHALL BE A MINIMUM OF 2 FEET
 - CONTRACTOR SHALL HAND COMPACT MATERIAL UNDER PIPE HAUNCHES.
 - "NORMAL EARTH FOUNDATION" DETAILS APPLY FOR THE PIPE BACKFILL, BOTH WITH "NO PIPE PROJECTING ABOVE GROUND LINE" AND WITH "PIPE PROJECTION ABOVE GROUND LINE"
 - SOIL MATERIAL PLACED ABOVE STONE BACKFILL SHALL BE PLACED IN 8-INCH MAXIMUM LIFTS AND COMPACTED TO 95% STANDARD PROCTOR.
- IN AREAS WHERE 18" MINIMUM SEPARATION CAN NOT BE PROVIDED FROM OTHER UTILITIES, THE CONTRACTOR SHALL INSTALL CONCRETE ENCASEMENT AROUND EACH PIPE FOR A DISTANCE OF 5' EITHER SIDE OF CROSSING OR AS DICTATED BY LOCAL GOVERNING REQUIREMENTS.



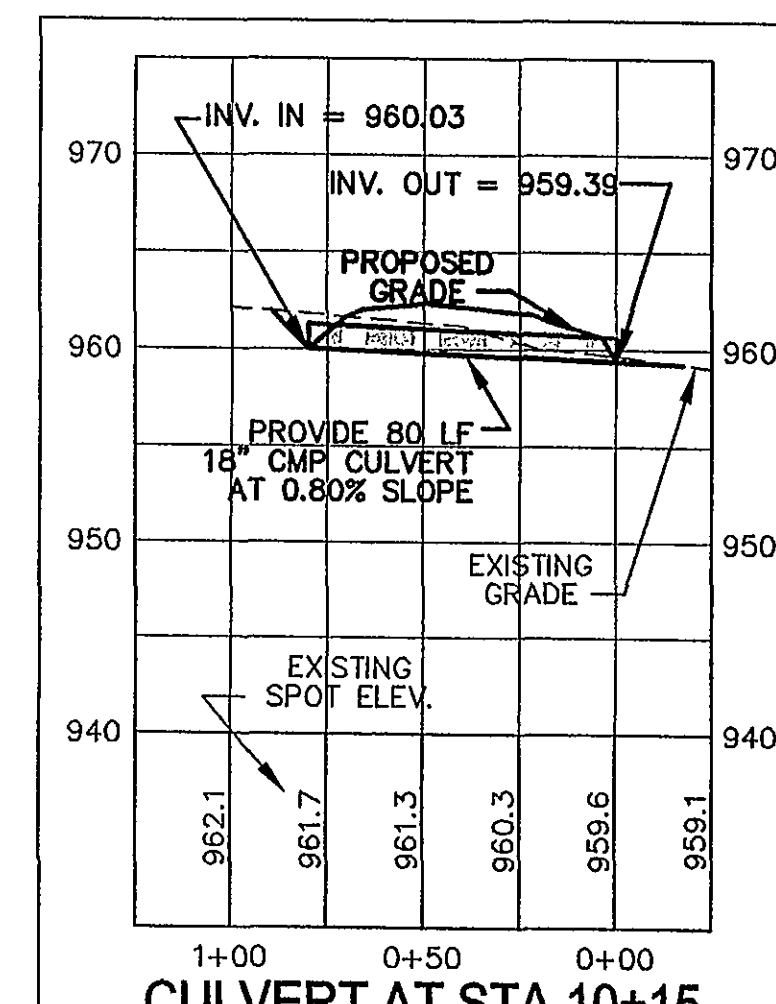
CULVERT AT STA 44+57



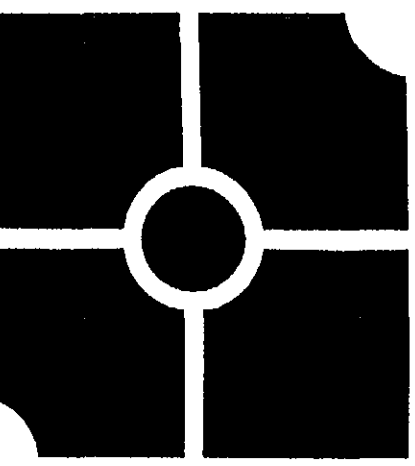
CULVERT AT STA 29+80



CULVERT AT STA 11+96



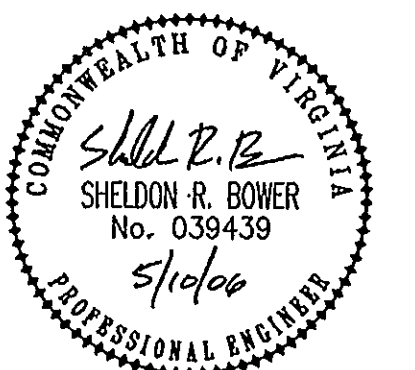
CULVERT AT STA 10+15



parker
DESIGN GROUP

816 Boulevard
Salem, Virginia 24153
Phone: 540-387-1153
Fax: 540-389-5767
www.parkergd.com

These documents are the property of Parker Design Group (PDG) and may not be reproduced or used without the express permission of PDG. Any reuse of these documents without authorization of PDG will be at the sole risk of the individual or entity utilizing said documents.



The Reserve at Westlake
Prepared for CIR Developments
Gills Creek Magisterial District
Franklin County, Virginia

REVISIONS:
COUNTY COMMENTS
MAY 10, 2006

DESIGNED BY: SRB/PJB
DRAWN BY: SRB/PJB
CHECKED BY: SRB
SCALE: As Shown
DATE: February 22, 2006

SHEET TITLE:
Bentgrass Road & Storm Profiles and Details

C10
10 OF 14
PROJECT NUMBER:
05-0031-02