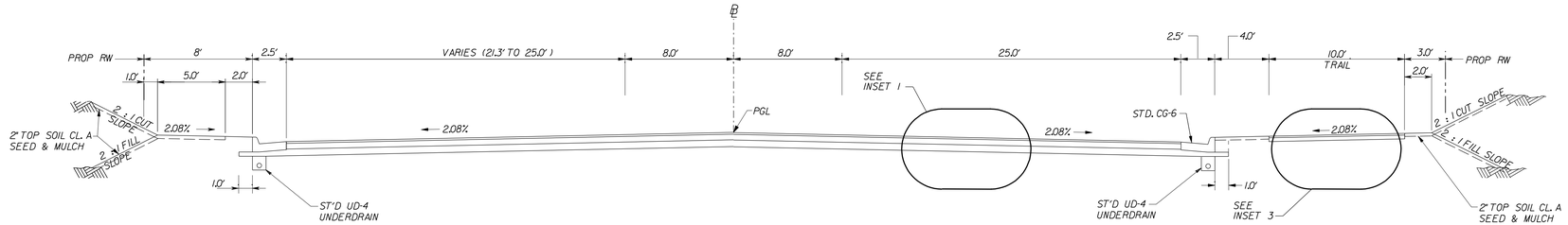
TYPICAL SECTIONS

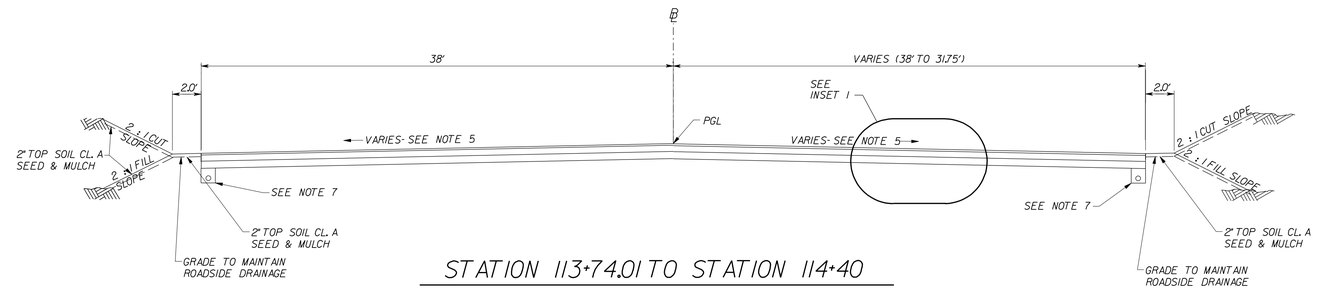
NOTE: NOT TO SCALE

NOTES:

1. SEE PLANS FOR VARIABLE WIDTH RIGHT OF WAY
2. SUPERELEVATION SHALL BE DESIGNED PER VDOT TC-5 STANDARDS WITH A MAXIMUM SUPER-RATE e = 0.04
3. DESIGN SPEED OF 45 mph
4. OUTLET ALL UNDERDRAINS TO PROPOSED INLETS
5. CROSS SLOPE VARIES FROM 2.08% AT STA.113+74.01 TO MEET EXISTING AT STA.114+40.
6. FOR PAVEMENT INSETS, SEE SHEET 2A1
7. ADD ST'D UD-4 UNDERDRAIN IN CUT AREAS WHERE SUBBASE MATERIAL DOES NOT DAYLIGHT



STATION 107+83.00 TO STATION 113+74.01



STATION 113+74.01 TO STATION 114+40

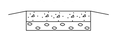
PRIVATE AND COMMERCIAL ENTRANCES

NOT TO SCALE

TYPE I
Crusher Run Aggr.

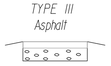
6" Crusher Run
Aggr. 25 or 26

TYPE II
Concrete



Concrete Entrance Pavement
7" HES
4" Aggr. Base Mat'l. Ty. I
No. 21A or 21B

TYPE III
Asphalt

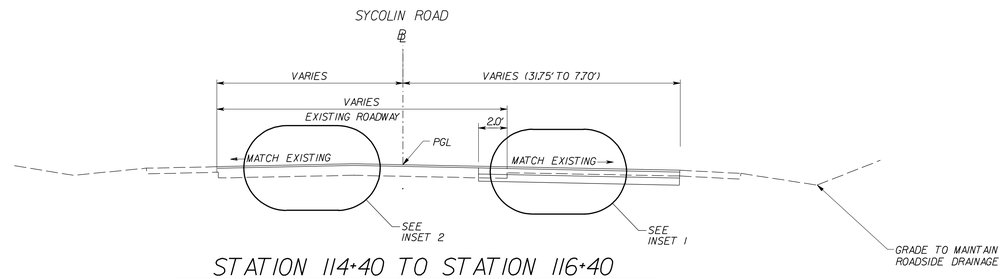


Superpave Asphalt Conc. Type
SM-9.5D @ 240 Lbs. per S.Y.
4" Aggr. Base Mat'l. Ty. I
No. 21A or 21B

TYPE IV
Asphalt Commercial

Superpave Asphalt Conc. Type
SM-9.5D @ 180 Lbs. per S.Y.
4" Asphalt Conc. Base Course
BM-25.0A
6" Aggr. Base Mat'l. Ty. I
No. 21A or 21B

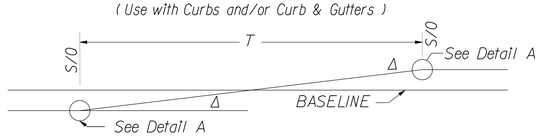
The type of entrance (I, II, III, IV) to be constructed will be determined by the existing condition at the time of construction.



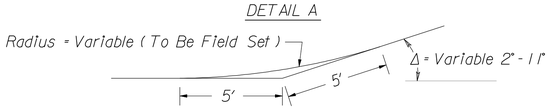
STATION 114+40 TO STATION 116+40

TYPICAL STRAIGHT - LINE TAPER LANE

(Use with Curbs and/or Curb & Gutters)

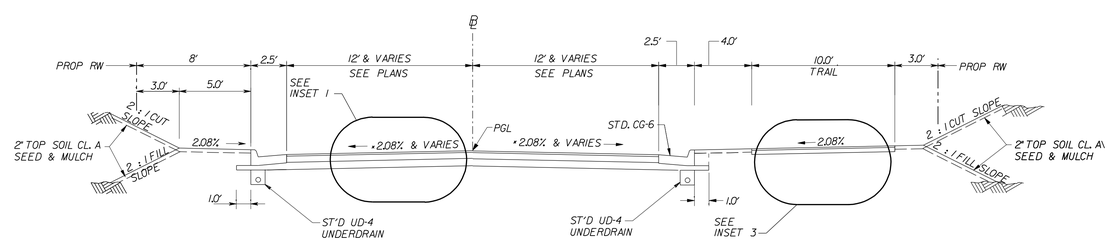


DETAIL A



T - See plans for Length of T.

S/O - See plans for Stations and Offsets.



* FOR CROSS SLOPE RATES SEE CROSS SECTIONS

BOLEN PARK ACCESS ROAD

BY	DATE	DESCRIPTION
CM	7-24-08	REVISED WIDTH OF BOLEN PARK ACCESS ROAD

* REVISIONS *

LOUDOUN COUNTY
OFFICE OF CAPITAL CONSTRUCTION

SYCOLIN ROAD WIDENING
(ROUTE 643)

DESIGNED BY: TWA/PBP
CADD DWG: AP/JD

DM|M HARRIS | AECOM

DATE: JUNE 2008

COMMONWEALTH OF VIRGINIA
Christopher McGuire
No. 43452
PROFESSIONAL ENGINEER

SHEET NO.
2A2