PROJECT MANAGER ADAM BROOKS (804) 524-6248
SURVEYED BY DAVID BURCH LS (804) 524-6157
DESIGN SUPERVISED BY RODNEY HAYZLETT P.E. (804) 323-9900 JOHNSON, MIRMIRAN & THOMPSON
DESIGNED BY JOHNSON, MIRMIRAN & THOMPSON (804) 323-9900

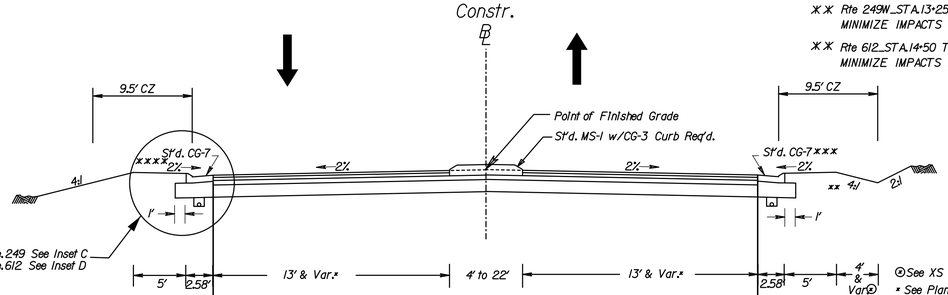
TYPICAL SECTIONS

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
	VA.	249	0249-063-106, RW-201, C-501	2B

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

VDOT Location & Design Richmond, Virginia MATERIALS ENGINEER	Johnson, Mirmiran & Thompson Richmond, Virginia ROADWAY ENGINEER

Rte.249 & Rte.612
(GS-7, Urban Collector Road)
Constr.



** Rte 249W_STA.13+25 TO 14+25 RT DITCH FRONT SLOPE 3:1 TO MINIMIZE IMPACTS

** Rte 612_STA.14+50 TO 15+75 RT DITCH FRONT SLOPE 3:1 TO MINIMIZE IMPACTS TO EXISTING PARKING LOT

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Roadway	St'd. CG-7 Roadway RT.	
Rte.249W	Sta.12+06.53	Sta.14+67.71
Rte.249E	Sta.10+70.20	Sta.12+71.07
Rte.612	Sta.12+12.57	Sta.12+91.25
Rte.612	Sta.14+21.43	Sta.15+73.48

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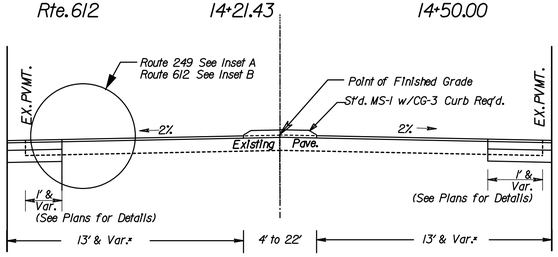
Roadway	St'd. CG-7 Roadway LT.	
Rte.249W	Sta.13+10.42	Sta.14+67.71
Rte.249E	Sta.10+70.20	Sta.13+07.50
Rte.612	Sta.12+00.06	Sta.12+91.25
Rte.612	Sta.14+21.43	Sta.15+30.34

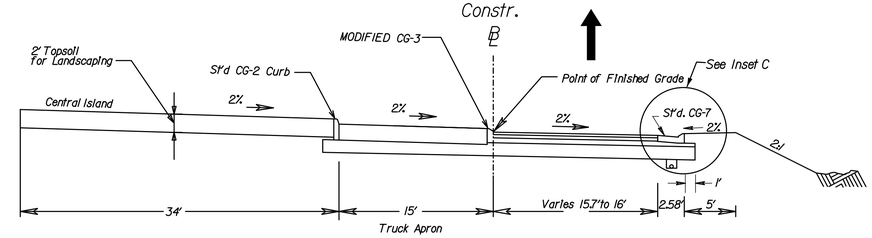
ROUTE 249 & ROUTE 612 TYPICAL SECTION

Roadway	Sta.	to	Sta.
Rte.249W	12+06.53		14+67.71
Rte.249E	10+70.20		12+12.50
Rte.612	12+21.00		12+91.25
Rte.612	14+21.43		14+50.00



Rte.249W	13+20.11	14+67.71
Rte.612	14+50.00	15+02.17

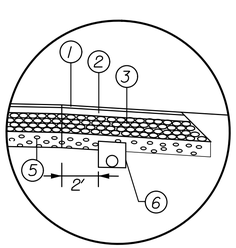
Roundabout
Constr.



ROUNDABOUT TYPICAL SECTION

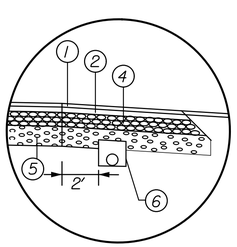
Sta.	to	Sta.
10+00.00		12+82.64

INSET A



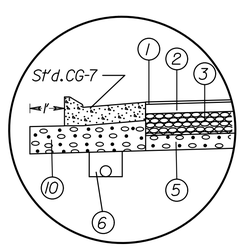
NOT TO SCALE

INSET B



NOT TO SCALE

INSET C



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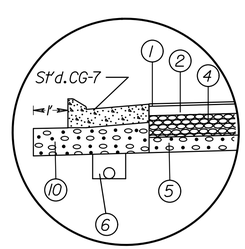
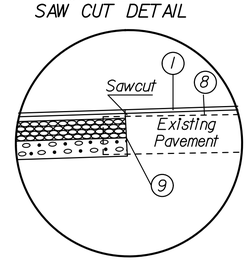
INSET D



NOT TO SCALE

FULL DEPTH
SAW CUT DETAIL



NOT TO SCALE

PAVEMENT LEGEND

1. Asphalt Concrete Surface Course, Type SM-9.5A @ 165 lbs./sq.yd.
2. 2" Asphalt Concrete Intermediate Course Type IM-19.0A
3. 5.5" Asphalt Concrete Base Course Type BM-25.0A
4. 2.5" Asphalt Concrete Base Course Type BM-25.0A
5. 6.0" Aggregate Subbase Material Type I, No. 21B Extended to the Outside Edge of the Paved Shoulder
6. Standard UD-4 Pavement Drainage Edge Drains
7. 12" Continuously Reinforced Concrete Pavement
8. Existing pavement to be milled 1.5" and resurfaced (See Detail)
9. Existing pavement is to be Saw Cut to the full depth of asphalt at least 1 foot from the edge of the existing pavement. Abut the new Pavement layers to existing layer per Std.WP-2.
10. Variable Depth Aggregate Base Material Type I, No. 21B

PROJECT	SHEET NO.
0249-063-106	2B