



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION

RICHMOND DISTRICT
2430 Pine Forest Drive
COLONIAL HEIGHTS, VA 23834
www.VDOT.Virginia.gov

Charles A. Kilpatrick, P.E.
COMMISSIONER

July 17, 2014

Mr. Lee Pambid
County of Henrico
P.O. Box 90775
Henrico, VA 23273

Re: West Broad Street Marketplace-Infrastructure and Mass grading

Mr. Pambid:

We have reviewed the plan for the above referenced project and have the following comments:

General

1. Add the VDOT general notes to the plan.
2. The TIA is under review.
3. Sidewalk is required to be 7" in thickness in the Rte 250 right of way behind CG-7 curb. Please provide a detail for this.

Sheet 3.01

4. Please show and differentiate proposed and existing VDOT r/w and Henrico r/w. The plans seem to show the same weighted line for all.
5. Plans show proposed CG-6; however the existing curbing along Route 250 is CG-7. Please modify to match existing curb and gutter.
6. Specify CG-12 and type on the plans opposed label "accessible curb ramp"
7. Show the transition of VDOT CG-7 to Henrico curb and gutter on the plans. Please make sure it is outside of the r/w or at PT, whichever is greater.
8. Please show sight distance on the plans. Additionally, provide vertical profile for sight distance.
 - a. Note any sight distance line that leaves the r/w will require an easement.
9. The full width of the lane adjacent to any pavement widening must be milled in accordance with the WP-2 standard. Please hatch and label this area and reference the WP-2 standard.
10. Please detail the modifications made to the Rte 250 medians with the entrance improvements.
11. Provide turning template analysis for the proposed entrance to determine if the median noses will need to be modified.

12. These plans will not be approved until plans for the proposed signal have been approved. Any offsite right of way or easements will need to be recorded prior to approval of this plan as well. Please show on the layout sheets where signal improvements and associated easements will be located.

Sheet 4.01

13. Please provide spot shots along the proposed entrance on Route 250.
14. Please label public drainage easement. An easement is needed for any outfall the leaves VDOT r/w.
15. Please show that the existing grate inlet will need to be removed. It is currently being shown along the curb.

Sheet 4.02 and 4.12

16. Please verify the flow. It appears it is running toward Route 250. Therefore, adequacy calculations will need to be provided.
17. It appears a wall falls within VDOT r/w. Please label the wall and provide the detail.

Sheet 6.01

18. Please show all striping along Route 250. It appears a double left turn lane is proposed.
19. Provide all CD-1, CD-2, UD-4, UD-3 on plans.

Sheet 7.05

20. Please provide appropriate WZ for lane configuration of Route 250.

Drainage

21. All storm sewer structure within the r/w must have a minimum velocity of 3 fps and maximum of 10 fps.
22. The spread for structure 101 exceeds the maximum. Please modify
23. Please show all cross section for structure crossing pavement within VDOT r/w.
24. Please provide a storm sewer schedule for all structures within VDOT r/w.

Sheet C8.5 (Cross Sections)

25. Please call out flow line elevations on all cross sections.

Miscellaneous

26. Please add cross section (25') for any road widening.
27. Please show the existing waterline will have sufficient cover under the proposed right turn lane on the plans. If cover is not met then the waterline will need to be relocated.

We should continue to receive any revised drawings for the above referenced plans even after County approval as some of the changes may affect the right of way and any issued permits. If you have any questions, please call me at (804) 752-4768.

Sincerely,

A handwritten signature in dark ink, appearing to read 'James Ellis', written in a cursive style.

James Ellis
Land Development Engineer

A handwritten signature in dark ink, appearing to read 'Robert Butler', written in a cursive style.

Robert Butler P.E.
Northern Area Land Use Engineer