



10th Street Improvement Project

May 24, 2016

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Assistant District Administrator, Construction

Project Details

Purpose:

To improve traffic flow and safety for vehicles, pedestrians and bicyclists along a 0.71-mile section of 10th Street in Roanoke

Termini:

Just south of Fairfax Avenue to just north of Andrews Road

Cost:

Design	\$4.3 million
Right of Way	\$3.5 million
Construction	\$14.7 million
Total	\$22.5 million

Contract:

Commonwealth Transportation Board awarded contract in March 2016 to E.C. Pace Co.



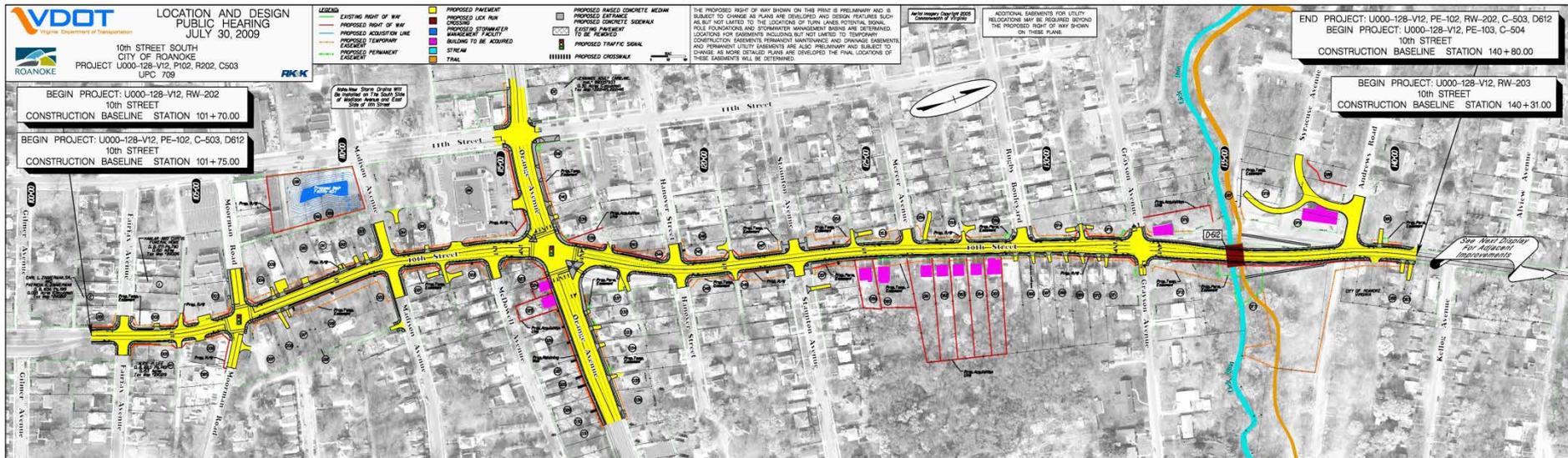
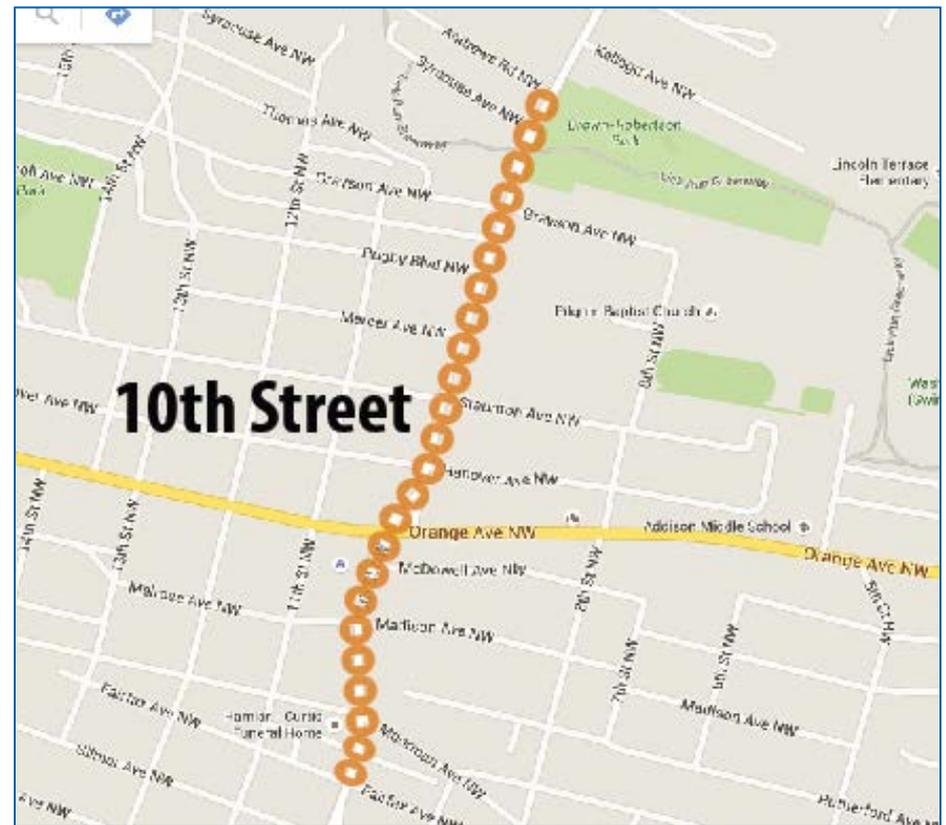
Features of the Project

The project will:

- Widen travel lanes and add curb and gutter
- Provide bicycle lanes and sidewalks
- Add turn lanes at 10th Street's intersections with Grayson Avenue and Orange Avenue
- Create left turn lanes on Orange Avenue at 10th Street
- Add an arch culvert to bridge 10th Street over Lick Run and Lick Run Greenway
- Remove traffic signal at Orange Avenue and 11th Street
- Replace existing signal equipment along 10th Street



The Final Design



Project Timeline



Summer 2016:

Work begins

Summer to late 2016:

Phase One - Fairfax Avenue to Moorman Road

Phase Two - Moorman Road to Orange Avenue

Spring 2017 to Summer 2018:

Phase Three - Orange Avenue to Mercer Avenue

Phase Four - Andrews Road to Grayson Avenue

Phase Five - Grayson Avenue to Mercer Avenue

Summer 2018:

Work completed

Overall Traffic Impacts

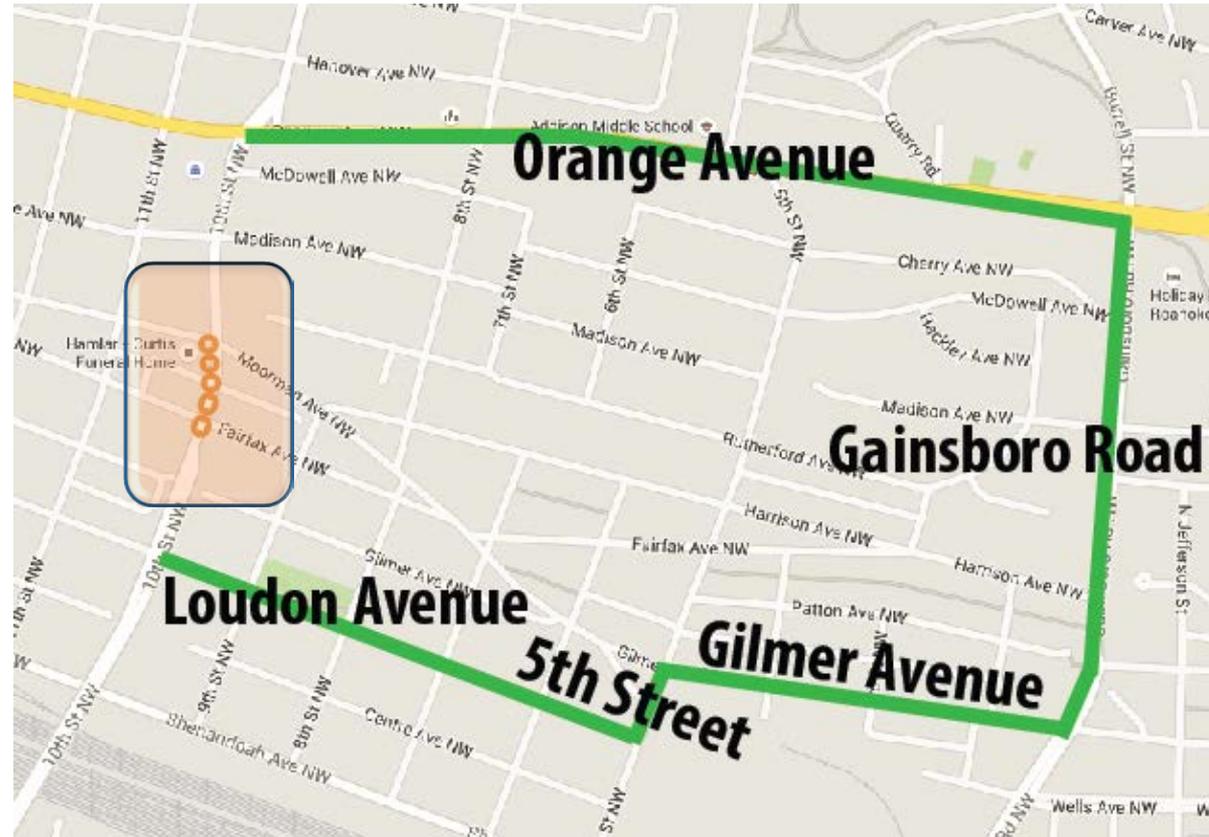
- Starting in late May, flaggers will control traffic on 11th Street between Moorman Avenue and Melrose Avenue during daylight hours for utility or drainage work.
- As different phases are under construction, detours will be put in place for through traffic on 10th Street.
 - One detour route will be in place during phases one and two.
 - Second detour route will be in place for phases three, four and five.
- One lane of traffic will be maintained for local traffic to use 10th Street.
- Beginning in spring 2017, Lick Run Greenway pedestrians will be rerouted to cross 10th Street north of existing crossing.



10th Street Phases of Construction Traffic Impacts

Phase One

- 10th Street closed to through traffic from Fairfax Avenue to Moorman Avenue.
- Intersections of Moorman Avenue and Fairfax Avenue will be closed to through traffic.
- Work on the arch culvert bridging over the greenway will start during this phase. No traffic impact. Minor impacts to Lick Run Greenway are possible.



Timeline: Spring to Fall 2016

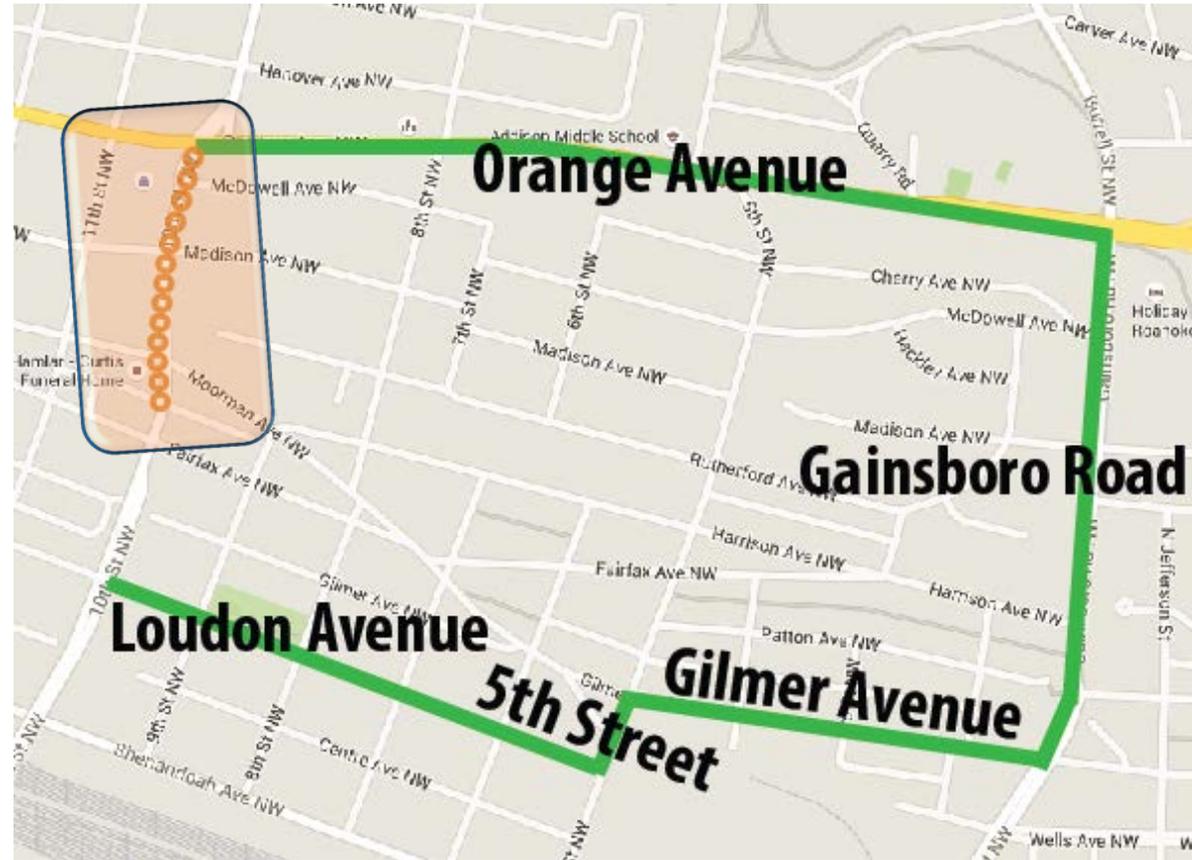
Detour

Loudon Avenue to 5th Street to
Gilmer Avenue to Gainsboro Road
to Orange Avenue

10th Street Phases of Construction Traffic Impacts

Phase Two

- 10th Street closed to through traffic from Moorman Avenue to Orange Avenue.
- Intersection at McDowell Avenue will be closed.
- Intersections at Madison Avenue and Moorman Avenue will be closed to through traffic.
- Work on the arch culvert will continue during this phase. No traffic impacts. Minor impacts to Lick Run Greenway are possible.



Detour

**Loudon Avenue to 5th Street to
Gilmer Avenue to Gainsboro Road to
Orange Avenue**

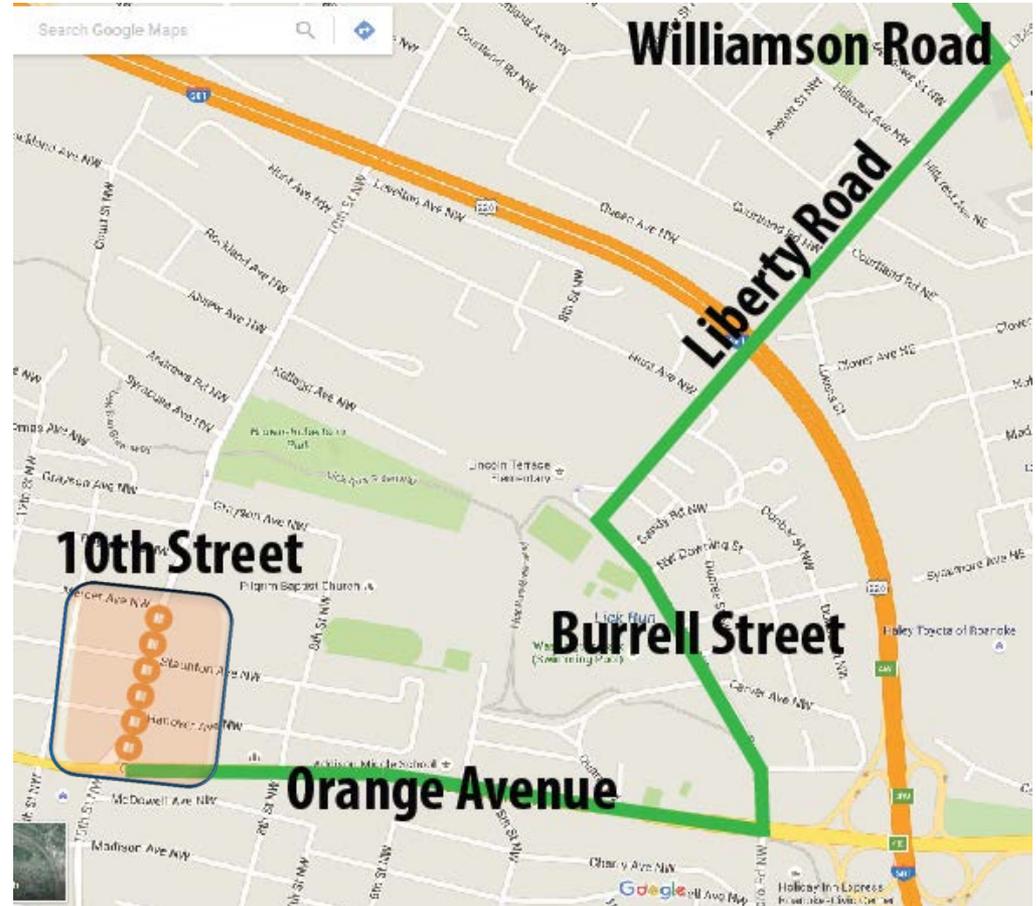
Timeline: Summer to late 2016

10th Street Phases of Construction Traffic Impacts

Phase Three

- 10th Street closed to through traffic from Orange Avenue to Mercer Avenue.
- Mercer Avenue will be closed at the intersection with 10th Street.
- Staunton Avenue and Hanover Avenue intersections will be closed to through traffic.

Timeline:
Spring 2017 to Summer 2018



Detour

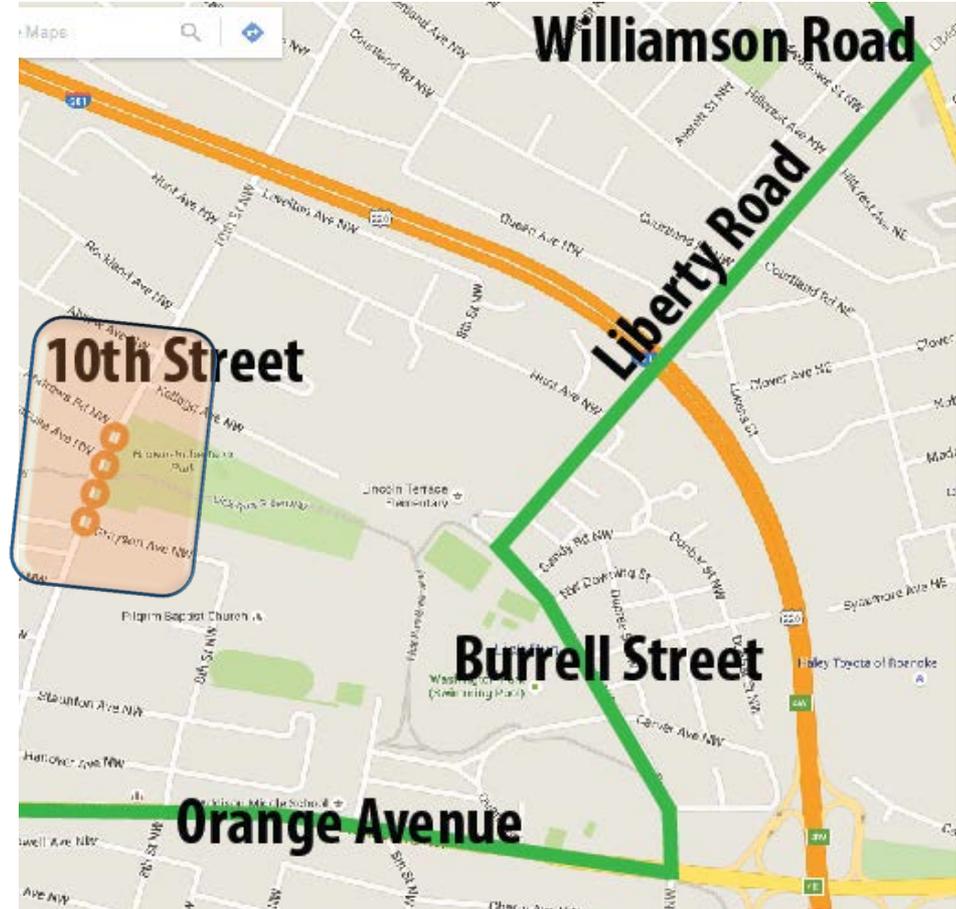
**Orange Avenue to Burrell Street to
 Liberty Road to Williamson Road**

10th Street Phases of Construction Traffic Impacts

Phase Four

- 10th Street closed to through traffic from Andrews Road to Grayson Avenue.
- This phase is not consecutive with other phases.
- Intersections at Andrews Road with 10th Street will be closed.
- Grayson Avenue at 10th street will be closed to through traffic.
- Syracuse Avenue will allow local traffic access for the duration of the project.
- Lick Run Greenway will be rerouted to cross 10th Street north of existing crossing.

Timeline: Spring 2017 to Summer 2018



Detour

Orange Avenue to Burrell Street to
Liberty Road to Williamson Road

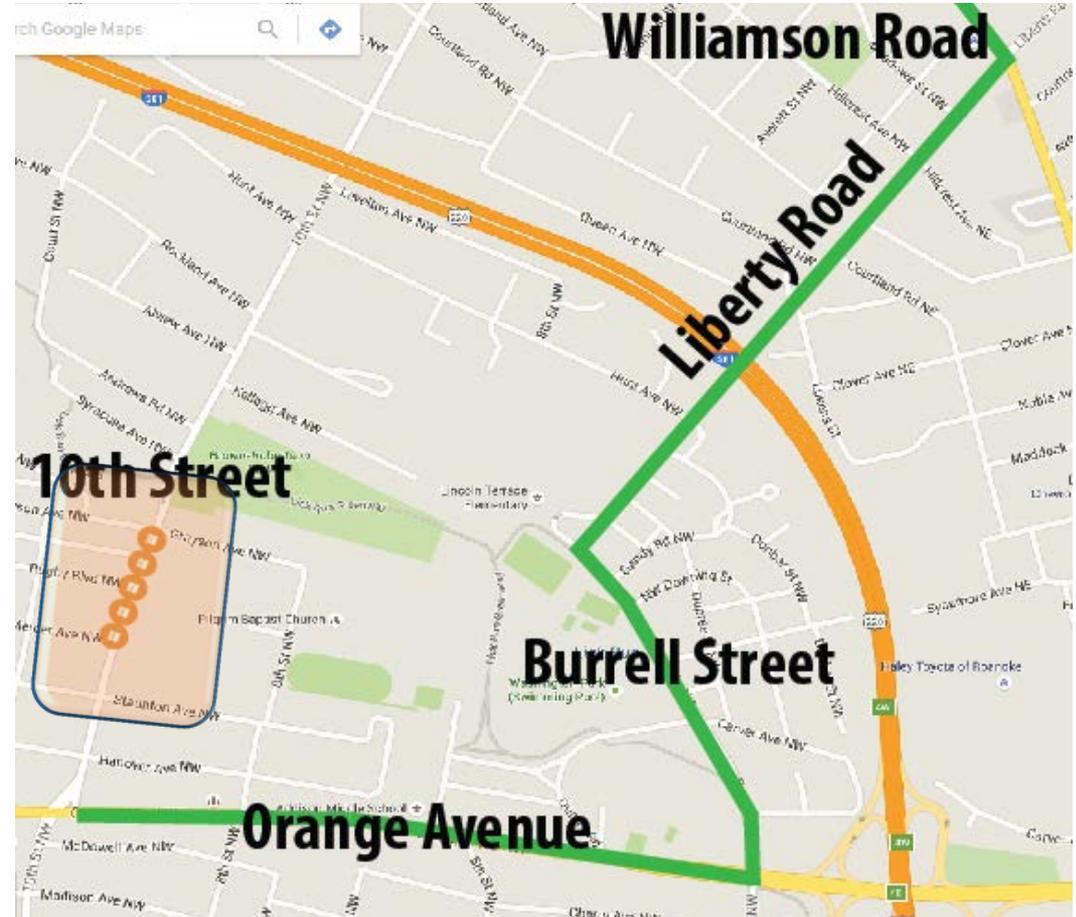
10th Street Phases of Construction Traffic Impacts

Phase Five

- 10th Street closed to through traffic from Grayson Avenue to Mercer Avenue.
- This phase is not consecutive. Located between phase three and four.
- Grayson Avenue at 10th street will be closed to through traffic.
- Mercer Avenue will be closed at the intersection with 10th Street.
- Intersection of Rugby Boulevard with 10th Street will be closed.

Timeline:

Spring 2017 to Summer 2018



Detour

Orange Avenue to Burrell Street to
Liberty Road to Williamson Road

Final Paving

- During construction of the project, drivers should expect a rough riding surface on 10th Street. This surface is temporary.
- The riding surface will improve once the final paving is completed.
- In spring 2017, the final paving for Phase One and Two will begin.
- In spring 2018, the final paving for Phase Three, Four and Five will begin.
- All paving will be completed by the summer of 2018.



Future 10th Street Project

- **Funding the next construction project on 10th Street from Andrews Road to Williamson Road remains a priority for the City of Roanoke.**
- **The city submitted the project for prioritization under Virginia's House Bill 2.**
- **\$12.4 million for the next phase of construction was included in the draft budget that will take effect July 1.**
- **If the funding is included in the final budget, the construction schedule for the next phase will be determined.**



VDOT and Contractor
representatives are here
tonight to answer your
questions.