



## **Rt. 29 Solutions Project Delivery Advisory Panel**

**December 3, 2015**



# Route 29 Solutions

**Agenda item 1: Introductions**

**Project Delivery Advisory Panel**

**Technical Team**



# Route 29 Solutions

## Agenda item 2: Interaction and Feedback

### Live Streaming

	Nov 12, 2015	Oct 29, 2015
• Unique Viewers:	11	27
• Streams:	31	42
• Average Minutes per stream:	35	58



# Route 29 Solutions

## Agenda item 2: Interaction and Feedback (continued)

For the period Nov 10 - Nov 30

**Inbox comments:** 4 emailed to project inbox

- 1 regarding stop signs at Branchlands and Hillsdale
- 1 regarding noise from nighttime pile driving
- 1 regarding noise from pile driving and lane closures
- 1 regarding contractor parking in Best Buy parking lot

**Web Provide Input:** 2 new comments from 1 individual

- Opposes Rio GSI and concerned about noise from pile driving

**Project Hotline 844-220-5540:** 7 calls

- 1 inquiring how subcontractors can be hired
- 1 “thank you” for repairing driveway
- 2 noise from pile driving
- 1 regarding the extended lane closures
- 1 from Wendy’s regarding holiday lane closures
- 1 regarding windshield damage



# Route 29 Solutions

## Agenda item 3: Report on PDAP Feedback

### Rt 29 at Rt 250 - Guardrail and landscaping

- Have asked VDOT to reevaluate guardrail and develop a landscape plan
- Expect options before Dec 31.

### Hillsdale connection from Whole Foods to Seminole Square

- Entire Hillsdale project scheduled to be advertised for bids Mar 31, 2016
- Construction sequencing can be considered at that time

### October 2015 accidents between 29th Place and Woodbrook

- 4 accident reports filed
  - 1 Rio: rear end NB at red light (8pm, dry)
  - 1 Rio: NB to SB u-turn made from wrong left-turn lane (11am, dry)
  - 1 at Woodbrook: side swipe NB, lane change (8:30pm, dry)
  - 1 at Fashion Sq Drive: angle, Rt 29 NB vehicle ran red light (4:30pm, wet)



# Route 29 Solutions

## Agenda item 4: Panel Feedback and Suggestions for Future Agenda Items

### Open Discussion





# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates

### Rt. 250 / 29 Interchange

#### Work this week

- Complete sidewalk/ramp replacement at Route 29 and Morton Drive intersection
- Complete median strip in median of Route 29
- Continue installation of MSE panels and backfill
- Complete installation of concrete leveling pad for MSE panels on west end
- Begin preparations for curb installation along Best Buy ramp
- Continue storm drain installation on Barracks Road on ramp
- Continue storm drain installation on Barracks Road off ramp





# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rt. 250 / 29 Interchange (continued)

#### Significant lane closures this week

- Route 29 inside turn lane closures for median backfill and grading
- Route 29 SB lane shoulder closures to construct sidewalk improvements
- Ramp shoulder closures for storm drain installations



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rt. 250 / 29 Interchange (continued)

#### Work next two weeks

- Complete storm drain installation on Barracks Road on ramp
- Complete storm drain installation on Barracks Road off ramp
- Complete installation ADA sidewalk ramps at various locations
- Complete widening of Barracks Road off ramp
- Continue installation of MSE panels and backfill



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rt. 250 / 29 Interchange (continued)

#### Anticipated significant upcoming lane closures

- Route 29 inside turn lane closures to construct guardrail and median
- Route 29 SB lane shoulder closures to construct sidewalk improvements
- Ramp shoulder closures for storm drain installations



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rio Grade-Separated Intersection

#### Work this week

- Wells Fargo to Rio curb construction
- Storm drain construction
- Complete waterline testing and begin trunk tie-ins
- Continue retaining wall at SunTrust
- Fashion Square curb construction
- Fashion Square retaining wall construction
- Drive abutment B piles
- Install retaining wall piles
- Continue gas main relocation
- CenturyLink splicing



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rio Grade-Separated Intersection (continued)

#### Significant lane closures this week (nighttime)

- Extended lane closure hours expired (returned to 9:00 pm – 6:00 am)
- Rio crossover closed at nighttime restricting thru movements and left turn movements
- Rte. 29 triple lane closures northbound and southbound
- Rio East and West closures with local business access open



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rio Grade-Separated Intersection (continued)

#### Work next two weeks

- **SB 29 at Title Max curb construction**
- **Storm drain construction in all quadrants**
- **Waterline connections to existing trunk lines**
- **Complete retaining wall at SunTrust**
- **Fashion Square retaining wall construction**
- **Drive abutment A piles**
- **Install retaining wall piles**
- **Continue gas main relocation**
- **CenturyLink north switch splicing and connections**



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rio Grade-Separated Intersection (continued)

#### Anticipated significant upcoming lane closures (nighttime)

- Rio crossover closed at nighttime restricting thru movements and left turn movements
- Rt. 29 triple lane closures northbound and southbound
- Rio East and West closures with local business access open (reduced frequency)



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rt. 29 Widening

#### Work this week

- Place fill in median
- Complete clearing of trees SBL right side
- Qwest Business (CenturyLink) directional bore for fiber relocation
- Retrofit signal beacon NB near Ashwood
- Dominion VA Power setting poles
- Fiberlight directional bores
- Temporary signal construction (Ashwood and Hollymead)





# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rt. 29 Widening

#### Significant lane closures this week (nighttime)

- Route 29 left lane closure NB and SB
- Periodic short-term total closure for temporary signal construction



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rt. 29 Widening (continued)

#### Work next two weeks

- Place fill in median
- Qwest Business (CenturyLink) directional bore for fiber relocation
- Retrofit signal beacon NB near Ashwood
- Install temporary signals at Ashwood and Hollymead
- Dominion VA Power setting poles
- Fiberlight directional bores



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Rt. 29 Widening (continued)

#### Anticipated significant upcoming lane closures (nighttime)

- Route 29 left lane closure NB and SB
- Periodic short-term total closure for temporary signal construction



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Berkmar Extended

#### Work this week

- Continue excavation and hauling to 29 Widening
- Continue phase III archaeological recovery
- Review 100% roadway plan revisions
- Review final drainage and Stormwater Management report revisions

#### Significant lane closures this week (nighttime)

- Shoulder closure at Berkmar and Hilton Heights for hauling excavated material to 29 Widening



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Berkmar Extended (continued)

#### Work next two weeks

- Continue excavation and hauling to 29 Widening
- Continue Phase III archaeological recovery

### Anticipated significant upcoming lane closures (nighttime)

- Shoulder closure at Berkmar and Hilton Heights for hauling excavated material to 29 Widening



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Signal Updates

#### Work this week

- Planning for Hydraulic/Rio loop communications upgrades

#### Significant lane closures this week

- None

#### Work next two weeks

- Meeting to develop final list of projects to move forward
- Begin project design

#### Anticipated significant upcoming lane closures

- None



# Route 29 Solutions

## Agenda item 6: Rt. 29 Solutions Project Updates (continued)

### Hillsdale Extended

- **Construction Advertisement date Mar 31, 2016**
- **Established schedule to meet milestones leading up to Mar 31**
- **Stormwater management MOU revised for signatures**
- **Established schedule for future signal warrant analysis**
- **Utility cost determination form sent from City to VDOT (Form UT-9)**
- **Met with Seminole Square and business owner regarding utility relocation**
- **1st review of RW plat preparation will occur no later than Dec 15**
- **Over-the-shoulder review of 90% plans Dec 9**



# Route 29 Solutions

## Agenda item 7: Berkmar Bridge Design

**Construction cost (millions), not including maintenance, for:**

<b>2-lane bridge on 4-lane right-of-way as designed</b>	<b>\$18</b>
<b>4 lanes now</b>	<b>\$26</b>
<b>2 additional lanes in 2041; new structure</b>	<b>\$27</b>
<b>2 lanes with substructure for 4 lanes now; place deck in 2041</b>	<b>\$28</b>
<b>2 lanes now; widen to 4 lanes in 2041</b>	<b>\$30</b>

- **Requests for projects statewide \$7 billion; VDOT has \$1 billion available**
- **Will continue with construction of 2-lane bridge on 4-lane right of way.**
- **Need for 4-lane bridge and roadway will be evaluated as traffic grows.**
- **Future funding subject to inclusion in MPO long-range plan and CTB priorities.**





# Route 29 Solutions

## Agenda item 8: Rt 29 Widening, Signals for Pedestrians and Bicyclists

### Questions concerning:

- Pedestrian signal timing
- Pedestrian refuge area
- Future pedestrian crossings at Ashwood and Rio Mills
- Intersection lighting for pedestrian crossings
- Signal timing for bicyclists
  - Polo Grounds
  - Ashwood
  - Hollymead
  - Rio Road



# Route 29 Solutions

## Agenda item 9: Pedestrian Lighting, Landscaping and Hardscape

*We will incorporate recommendations from SELC and Kennon Williams with few exceptions:*

- Will not use brick or cobblestone. But will use stamped brick and cobblestone patterns and colors recommended by SELC and Kennon Williams.
- Will not extend pedestrian lights on Rio East or West. But will extend north and south on Rt 29 (specific distance being determined).
- Will not remove the railing between the retaining wall and sidewalk on the bridge deck.
- Will not use the single planter option on the bridge deck. But will use the variable size planters recommended by SELC and Kennon Williams.

Lighting recommendations continue to be investigated. Intent is to accommodate to extent practical.



# Route 29 Solutions

## Agenda item 10: Placemaking

Feedback from both SIR and Albemarle County is to name general area Rio and to use geographic designations for the corners.

### Options for PDAP to consider:

- Agree on recommendation to name area Rio with geographic corners: Rio NE, Rio SE, Rio NW, Rio SW
- Consider other names including those mentioned by group participants.
- Examples include, but are not limited to:

Rio Crossing  
Rio Crossroads  
Rio Square

Rio 29  
Rio at 29  
Rio@29

Rio Place  
Rio Ville  
Rio Corner



# Route 29 Solutions

## Agenda item 11: Toy Lift

### VDOT and LANE-Corman

- Individual donations
- Corporate donation
- Volunteering
- Use of message board
- Use of lights
- Clean up assistance

Will be with WINA at Toy Lift for Friday morning radio broadcast



# Route 29 Solutions

## Agenda item 12: New Business



# Route 29 Solutions

**Agenda item 13: Adjourn**



## **Rt. 29 Solutions Project Delivery Advisory Panel**

**December 3, 2015**