AGENDA
Rt. 29 Project Delivery Advisory Panel
Meeting 42
April 14, 2016
2:00 pm - 4:00 pm
Virginia Transportation Research Council
530 Edgemont Road
Charlottesville, Virginia 22903

A. Standing Agenda Items

1. Introductions
   - Advisory Panel Members
   - Technical Team
   5 minutes

2. Review public interaction and feedback
   10 minutes

3. Report on PDAP recommendations and requests
   10 minutes

4. Panel feedback and future agenda suggestions
   10 minutes

5. Construction milestone percents complete
   5 minutes

6. Rt. 29 Solutions project and key closure updates
   20 minutes
   - Rt. 250 / 29 Interchange
   - Rio Grade-Separated Intersection
   - Route 29 Widening
   - Berkmar Extension
   - Signal System
   - Hillsdale Extension

B. New Agenda Items

7. Status of disposition of VDOT bypass right-of-way
   5 minutes

8. Rt. 29 Rio GSI sequence of construction, May 23 - Sep 2
   45 minutes

9. New business and wrap up
   5 minutes

10. Adjourn
Rt 29 Solutions Project Delivery Advisory Panel

April 14, 2016
Agenda item 1: Introductions

Project Delivery Advisory Panel

Technical Team
Agenda item 2: Interaction and Feedback

Live Streaming

<table>
<thead>
<tr>
<th></th>
<th>Mar 31, 2016</th>
<th>Mar 17, 2016</th>
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</thead>
<tbody>
<tr>
<td>Unique Viewers:</td>
<td>17</td>
<td>19</td>
</tr>
<tr>
<td>Streams:</td>
<td>31</td>
<td>20</td>
</tr>
<tr>
<td>Average Minutes per stream:</td>
<td>27</td>
<td>12</td>
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</table>
Agenda item 2: Interaction and Feedback (continued)

For the period Mar 29 - Apr 11, 2016

Inbox email and phone calls: 3 phone calls

• 1 regarding limits of Rt 250 - 29 sound wall and surface of access road
• 1 regarding disruption of temporary above-ground CenturyLink line
• 1 regarding future access to a commercial property site

Web Provide Input: No new postings

Project Hotline 844-220-5540: 1 call

• Developer requested information regarding property in SW corner at Rio/29
Agenda item 3: Report on Panel Feedback


Jan 2015: 2 crashes
- Both rear-end (1 involving multiple vehicles)

Jan 2016: 8 crashes
- 3 rear-end
- 2 red light running left turns
- 1 sideswipe, failure to yield
- 1 SB u-turn from wrong lane at Rt 29 and Rio
- 1 roll-back into stopped vehicle at red light
Rt 29 Solutions

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

Open Discussion
## Rt 29 Solutions

### Agenda item 5: Construction Milestones

#### Status as of April 11, 2016

<table>
<thead>
<tr>
<th>Project</th>
<th>Status</th>
<th>Milestones</th>
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</thead>
<tbody>
<tr>
<td><strong>Rt. 29 Widening</strong> Oct 31, 2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rio Road GSI Sep 2, 2016 Dec 2, 2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drive Abutment Piles 100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utility Relocation (95%) 100%</td>
<td></td>
<td>Final Pavement and Markings</td>
</tr>
<tr>
<td>Utility Relocation</td>
<td></td>
<td>Landscape, Hardscape, Staining</td>
</tr>
<tr>
<td>Set retaining wall piles and widen roadway (85%) 95%</td>
<td></td>
<td>May 23 start - Rio Restricted Period - Sep 2 intersection open</td>
</tr>
<tr>
<td>Phase 1 Grading, Drainage and Paving (60%) 75%</td>
<td></td>
<td>Phase 3 Drainage and Paving</td>
</tr>
<tr>
<td>Phase 2 Grading, Drainage and Paving (10%) 90%</td>
<td></td>
<td>Phase 4 Grading, Drainage and Paving</td>
</tr>
<tr>
<td>final</td>
<td></td>
<td>Construction Complete</td>
</tr>
<tr>
<td><strong>Berkmak</strong> Oct 31, 2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 1 Grading, Drainage and Paving (60%) 75%</td>
<td></td>
<td>Roadway Construction North of River</td>
</tr>
<tr>
<td>Phase 2 Grading, Drainage and Paving (10%) 90%</td>
<td></td>
<td>Roadway Construction South of River</td>
</tr>
<tr>
<td>Pier Construction (10%) 20%</td>
<td></td>
<td>Steel Girder Erection</td>
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<tr>
<td><strong>Hillsdale</strong> Oct 31, 2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 1 Grading, Drainage and Paving (60%) 75%</td>
<td></td>
<td>Utility Relocation (90%) 100%</td>
</tr>
<tr>
<td>Phase 2 Grading, Drainage and Paving (10%) 90%</td>
<td></td>
<td>Pier Construction (10%) 20%</td>
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<tr>
<td><strong>Rt. 29/250</strong> May 21, 2016</td>
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<tr>
<td>MSE Wall 100%</td>
<td></td>
<td>Utility Relocation (10%) 15%</td>
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<td>Pavement Widening (85%) 90%</td>
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<td>Adv for Bids</td>
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<tr>
<td>Final Paving (0%) 30%</td>
<td></td>
<td>Pre-Bid Conf</td>
</tr>
<tr>
<td>Sound Barrier (70%) 85%</td>
<td></td>
<td>Receive Bids</td>
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</table>

#### Under way
- Complete
- Late

( % ) %complete prior reporting period
Agenda item 6: Rt 29 Solutions Project Updates

Rt 250 / 29 Interchange

Work this week

• Continue post installation for sound walls B1 and B2
• Resume installation of foundation for overhead sign structures along Rt 29
• Continue panel installation for sound walls B1 and B2
• Continue base stone installation along Rt 250 WB
• Continue backfilling maintenance bench behind sound walls B1, and B2
• Installation of underdrain along Rt 250 WB
• Complete pavement rehabilitation for outside lane of Rt 250 WB
• Begin conduit installation along Rt 250
• Begin post installation along sound wall C
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 250 / 29 Interchange (continued)

Significant lane closures this week

- Rt 250 westbound right lane and eastbound left lane closures
- Rt 29 SB left shoulder closure near the 250 WB ramp
- Rt 29 SB right lane closed from Hydraulic Road to 250 Bypass including the ramp to 250 Bypass. Detour along Barracks Road.
- Daytime lane closure of Rt 250 Bypass westbound right lane to fix pavement cracking
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 250 / 29 Interchange (continued)

Work next two weeks

• Continue post installation for sound wall C
• Complete milling, paving, and striping on Rt 29
• Begin grading for barrier wall along Rt 250 WB
• Resume installation of detectable surfaces along Rt 29 SB
• Complete curb installation along Barracks Road exit ramp
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 250 / 29 Interchange (continued)

Anticipated significant upcoming lane closures

- Rt 29 SB right lane closed at night from Hydraulic Road to 250 Bypass including the ramp to 250 Bypass. Detour along Barracks Road.
- Rt 29 nighttime alternating lane closures for milling and paving
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection
Work this week
- Widening in all quadrants
- Curb and gutter, underdrain
- Sidewalk pours
- Storm drain in all quadrants
- Stormwater facility 4 paving
- Stormwater facility 6
- Abutment A and B formwork, steel, and concrete pours
- Pre-tie Rio retaining wall rebar
- Fire Department Connection installation
- Signal foundations
- Tie-back testing
Rio positioning storm drain
Rio pre-tied reinforcing steel
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection (continued)

Significant lane closures this week

• Rio crossover closed at nighttime restricting thru movements and left turn movements

• Rt 29 triple lane closures northbound and southbound
Rt 29 Solutions

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

Rio Grade-Separated Intersection (continued)

Work next two weeks

- Widening in all quadrants
- Curb and gutter, underdrain
- Backfill Fashion Square wall
- Sidewalk preparation (SE and NE Quadrants)
- Storm drain installation (Structure 6-6 to 6-5)
- Stormwater facility 6 construction
- Fire Department Connection installation NW and SW Quadrants
- Form abutment A
- Continue pre-tie retaining wall steel
- Prefabricate wall forms
- Tie-back testing
- Signal pole foundations and conduit proofing
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection (continued)

Anticipated significant upcoming lane closures

• Rio crossover closed at nighttime restricting thru movements and left turn movements

• Rt 29 triple lane closures northbound and southbound
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 29 Widening

Work this week

• Continue jack and bore structure 7-5 (south of Ashwood)
• Jack and bore structure 15-20 (north of North Hollymead)
• Cut and fill in median
• Median drainage
• Wire wall installation
• Gas main installation
• Signal bores at Hollymead
• Dominion utility relocations
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 29 Widening

Significant lane closures this week (nighttime)

• Rt 29 left lane closure NB and SB
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 29 Widening (continued)

Work next two weeks

• Stream diversions for jack and bore receiving pits
• Median fill
• Wire wall construction
• Median drainage
• Phase 1 Gas main tie-in
• Jack and bore structures 7-5 and 15-20 (south of Ashwood and north of North Hollymead)
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 29 Widening (continued)

Anticipated significant upcoming lane closures (nighttime)

- Rt 29 left lane closure NB and SB
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Berkmar Extended

Work this week

• Install stream crossings and diversions
• Abutment A backfill and retaining wall panels
• Form abutment B stem and rebar
• Erosion control
• Abutment A steel and concrete pour
• Continue drilled shafts for pier foundations
• Rock drilling for future blasting
• Remove overhead power line at abutment B

Significant lane closures this week

• Flagging operation along Rio Mills Road
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Berkmar Extended (continued)

Work next two weeks

- Stream crossings 5 and 6
- Erosion control
- Form abutment B stem
- Pour abutment A
- Drilled shaft Crosshole Sonic Logging tests
- Continue drilled shafts
- Abutment A and B rebar
- Tie pier columns
- Pre-blast survey

Significant upcoming lane closures

- Flagging operation along Rio Mills Road
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Signal Updates

Work this week
• Continue installation of signal cabinet equipment

Significant lane closures this week
• None

Work next two weeks
• Continue installation of signal cabinet equipment

Significant upcoming lane closures
• None
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Hillsdale Extended

Work this week

- Continue utility relocations for service to commercial buildings
- Begin Dominion Virginia Power boring operation (Parcel 011)
- Prepare to assist with bid review
- Plan for construction oversight
- Pre-bid conference held April 12
- Continue business relocations
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Hillsdale Extended (continued)

Work next two weeks

- Continue utility relocations for service to commercial buildings
- Continue planning to assist with bid review
- Complete any remaining planning for construction oversight
- Continue business relocations
Rt 29 Solutions

Agenda item 7: Status of Disposition VDOT Bypass Right of Way

Total 93 parcels

• 15 have been sold
• 22 are under contract
• 30 pending offers to former or adjacent property owners
• 13 pending resolution of condemnation issues
• 5 for sale through public advertisement
• 1 requires asbestos abatement
• 1 used as right of way for Leonard Sandridge Road project
• 5 retained by VDOT for Rt 29 Solutions Program
• 1 in litigation
Agenda item 8: Rio GSI Sequence of Construction, May 23 - Sep 2

Dave Covington, VDOT

Jason Tracy, Design-Build Project Manager, Lane-Corman

- Sequence of construction indicated on handouts and on following 14 pages of presentation
Step 1: Excavation for Bridge
MAINTENANCE OF TRAFFIC & SEQUENCE OF CONSTRUCTION
PHASE 2 - 103 DAY CLOSURE

Truck Route Options:
A - U-Turn in median - day shift cut into 2 lanes, night shift with single lane closures is free flowing.
B - 3 Point turn in median
C - Enter SB left lane, shift to SB right lane within 300', take right on Berkmar
D - Enter SB, left at Branchlands, left on Hillsdale, left on Rio, right on 29NB. (1.5 miles longer; adds 5 stop lights, potential traffic backup on Rio WB)
Agenda item 9: New Business and Wrap Up
Agenda item 10: Adjourn
Rt 29 Solutions Project Delivery Advisory Panel

April 14, 2016