Agenda item 1: Introductions

Project Delivery Advisory Panel

Technical Team
Agenda item 2: Interaction and Feedback

Live Streaming

<table>
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<tr>
<th></th>
<th>Mar 3, 2016</th>
<th>Feb 18, 2016</th>
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<tbody>
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<td>• Unique Viewers:</td>
<td>18</td>
<td>23</td>
</tr>
<tr>
<td>• Streams:</td>
<td>10</td>
<td>35</td>
</tr>
<tr>
<td>• Average Minutes per stream:</td>
<td>15</td>
<td>18</td>
</tr>
</tbody>
</table>
Agenda item 2: Interaction and Feedback (continued)

For the period Mar 1 - Mar 14, 2016

Inbox email and phone calls: 3 project related; ≈12 regarding CenturyLink outage

- 1 appreciating Lane-Corman’s media release and VDOT’s distribution
- 1 regarding relocation of an incorrectly placed Road Closed sign
- 1 regarding a temporary service outage (not related to CenturyLink event)

Web Provide Input: 2 new postings; 1 response

- Related to CenturyLink outage

Project Hotline 844-220-5540: No calls last 2-week period
Agenda item 3: Report on Panel Feedback

Are left-turn storage lanes being extended at Woodbrook and Twentyninth Place?

• VDOT committed to extend storage lanes by minimum of 50 feet or based on traffic analysis
  • Woodbrook: 50-foot extension included in approved plans
  • Twentyninth Place: 75-foot extension included in approved plans

Are pedestrian lights being extended an equal distance from the Rio intersection? Do the lights continue the same distance north on Rt 29 in front of Albemarle square as they will across 29 in front of Goodwill?

• Yes. Lights also continue equal distance south of Rio.
Agenda item 3: Report on Panel Feedback (continued)

Will the right-turn lane from Rio WB to Rt 29 NB be a controlled stop rather than a free flowing right lane because of pedestrians?

- The Rio WB to Rt 29 NB right turn will be free flowing except when a pedestrian activates the pedestrian signal to cross Rio Road East.
- When the pedestrian signal is active, the traffic signal will turn red.

How will Charlottesville be signed on the local lanes?

- A supplementary sign will be located on the SB local lanes directing Charlottesville traffic to Rio Road East, requiring a left turn onto Rio Road.
- An additional supplementary sign could also note that Emmet Street can be reached by continuing south on the local lanes.
Agenda item 3: Report on Panel Feedback (continued)

Update on crash data

- Joel continues to monitor reports and update results
- Nov 2014 v. Nov 2015 previously reported as 11 v. 2 crashes
- Update: Nov 2014, 13 crashes - Nov 2015, 5 crashes
  - Dec 2014, 19 crashes - Dec 2015, 11 crashes
- Predominant number of crashes were and continue to be rear-end crashes
- One Dec 2015 crash was in an active work zone
Agenda item 4: Panel Feedback and Suggestions for Future Agenda Items

Open Discussion
## Agenda item 5: Construction Milestones

**Status as of Mar 14, 2016**

<table>
<thead>
<tr>
<th>Project</th>
<th>Start Date</th>
<th>End Date</th>
<th>Milestones</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rio Road GSI</strong>&lt;br&gt;Sept 2, 2016&lt;br&gt;Dec 2, 2016</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utility Relocation</td>
<td>(95%) 100%</td>
<td>Final Pavement and Markings</td>
<td></td>
</tr>
<tr>
<td>Drive Abutment Piles - 100%</td>
<td></td>
<td>Landscape, Hardscape, Staining</td>
<td></td>
</tr>
<tr>
<td>Set retaining wall piles and widen roadway - (60%) 75%</td>
<td></td>
<td>May 23 start - Rio Restricted Period - Sep 2 intersection open</td>
<td></td>
</tr>
<tr>
<td><strong>Rt. 29 Widening</strong>&lt;br&gt;Okt 31, 2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temp. Signals</td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gas line relocation - (10%) 25%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROW Acquisition - (80%) 100%</td>
<td></td>
<td>Waterline Relocation</td>
<td></td>
</tr>
<tr>
<td>Phase 1 Grading, Drainage and Paving - (40%) 50%</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Berkmar</strong>&lt;br&gt;Okt 31, 2017</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROW Acquisition - (80%) 90%</td>
<td>Clearing North of River - 70%</td>
<td>Roadway Construction North of River</td>
<td></td>
</tr>
<tr>
<td>S. Abutment Excavation, Pile Driving - (95%) 100%</td>
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<td>North Abutment (15%) 40%</td>
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</tr>
<tr>
<td>Rough Grading South of River - (60%) 70%</td>
<td></td>
<td>Roadway Construction South of River</td>
<td></td>
</tr>
<tr>
<td>Utility Relocation - (40%) 40%</td>
<td></td>
<td>Steel Girder Erection</td>
<td></td>
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<tr>
<td><strong>Hillsdale</strong>&lt;br&gt;Okt 31, 2017</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ROW Acquisition - (80%) 90%</td>
<td>90% Plans - (90%) 100%</td>
<td>Final Design (75%) 100%</td>
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<tr>
<td>Utility Relocation - 10%</td>
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<td><strong>Rt. 29/250</strong>&lt;br&gt;May 21, 2016</td>
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<tr>
<td>MSE Wall - 100%</td>
<td>Pavement Widening - (80%) 85%</td>
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<tr>
<td>Final Paving - (0%) 0%</td>
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<tr>
<td>Sound Barrier - (45%) 60%</td>
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<td>Construction Complete</td>
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Agenda item 6: Rt. 29 Solutions Project Updates

Rt. 250 / 29 Interchange

Work this week

- Continue post installation for sound walls
- Complete miscellaneous sidewalk and ramp installation
- Complete installation of curb along Best Buy ramp
- Complete storm drain pipe flushing
- Begin installation of foundations for overhead signs on Route 250
Significant lane closures this week

- Route 250 inside lane closures for median curb work
- Route 29 SB nighttime lane closures from Hydraulic Rd to 250 Bypass including ramp to 250 Bypass WB
- Detour along Barracks Road for ramp closure
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rt. 250 / 29 Interchange (continued)

Work next two weeks

• Continue post installation for sound walls
• Complete installation of foundations for overhead signs on Route 250
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rt. 250 / 29 Interchange (continued)

Anticipated significant upcoming lane closures

- Route 250 inside lane closures for median curb work
- Route 29 SB nighttime lane closures from Hydraulic Rd to 250 Bypass including ramp to 250 Bypass WB
- Detour along Barracks Road for ramp closure
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection
Work this week
• Widening in all quadrants
• Storm drain installation in all quadrants
• Continue work on Stormwater Management Basin 4
• Form Abutment B
• Place steel for Abutment B
• Form Abutment A
• Set tie-back piles and install tie-backs
• Install Fire Department Connection pipes
• Signal trenching and boring
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.
• Rte. 29 triple lane closures northbound and southbound
• Right turn lane closed from 29 SB to Rio West
Agenda item 6: Rt. 29 Solutions Project Updates (continued)
Rio Grade-Separated Intersection (continued)
Work next two weeks
• Continue widening in all quadrants
• Continue storm drain installation in all quadrants
• Continue work on Stormwater Management Basin 4
• Begin work on Stormwater Management Basin 6
• Continue to form Abutment B
• Continue to place steel for Abutment B
• Continue to form Abutment A
• Continue to set tie-back piles and install tie-backs
• Install Fire Department Connection pipes
Anticipated significant upcoming lane closures

- Rio crossover closed at nighttime restricting thru movements and left turn movements.
- Rte. 29 triple lane closures northbound and southbound
- Right turn lane closed from 29 SB to Rio West
Rt. 29 Widening

Work this week

- Begin jack and bore for drainage structures
- Temporary and permanent drainage installation
- Cut and fill in median hauling in fill from Berkmar Extended
- Establish erosion control and mulching
- Install gas main
- Continue Dominion utility relocations
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
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rt. 29 Widening (continued)

Work next two weeks

- Continue jack and bore operations
- Continue temporary and permanent drainage installation
- Continue cut and fill in median hauling fill from Berkmar Extended
- Continue to maintain and establish erosion control and mulching
- Continue to install gas main
- Continue Dominion utility relocations
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
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Berkmar Extended

Work this week

- Continue to construct Pier 1 and 2 crane pads
- Set Abutment A retaining wall panels
- Set footer forms for Abutment B
- Establish erosion control for clearing north of Abutment B
- Clearing north of 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

• Continue to construct Pier 1 and 2 crane pads
• Continue to set Abutment A retaining wall panels
• Continue to set footer forms for Abutment B
• Establish erosion control for clearing north of Abutment B
• Clearing north of Abutment B
• Begin drilled shafts for piers

Significant upcoming lane closures

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

Signal Updates

Work this week
- Design of signal improvements
- Schedule – April 1 through May 1, 2016

Significant lane closures this week
- None

Work next two weeks
- Design of signal improvements

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

Hillsdale Extended

Work this week

• Finalize MOU with County for Stormwater Management Basin
• Finalize settlement and closing documents for USPS property
• Finalize approval for sole source and proprietary items
• Complete review of Final Road & Bridge bid package
• Continue Right of Way negotiations
• Continue with utility relocations for service to commercial buildings
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Hillsdale Extended (continued)

Work next two weeks

• Resolve any remaining issues with bid package prior to COB March 21st
• Finalize approval for sole source and proprietary items (if not completed prior week)
• Obtain federal authorization for advertisement
• Complete Right of Way negotiations
• Continue with utility relocations for service to commercial buildings
• Advertise project for construction on March 31, 2016
## Route 29 Solutions Budget Update as of March 17, 2016

<table>
<thead>
<tr>
<th>Construction Contracts</th>
<th>Original Construction Contract Value</th>
<th>Expended (invoiced) as of February 15, 2016</th>
<th>Approved Change Orders</th>
<th>Exposure (Anticipated COs)</th>
<th>Remaining CV</th>
<th>Total Anticipated Construction Expenditures at Completion</th>
<th>Total SYIP Allocations for Construction</th>
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<tr>
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Agenda item 8: CenturyLink Outage; Cause and Corrective Action

Lane-Corman severed major communications and fiber cables while working on the Rio Road Grade-Separated Intersection in the early hours of March 7, resulting in widespread communications and internet outages.

CenturyLink’s response to, and recovery of, the outage was exemplary. Service restored mid-morning March 8.

Lane-Corman determined that workers mistakenly believed lines were inactive.

Lane-Corman implemented new internal review and tri-party approval process for all excavation activity going forward.

Lane-Corman issued media release accepting accountability and advising that corrective action was taken.
### Agenda item 9: Confirming PDAP Calendar July - December 2016

Bi-weekly meetings with exception of 3-week interval in July.

<table>
<thead>
<tr>
<th>Date</th>
<th>Date</th>
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<tbody>
<tr>
<td>July 7</td>
<td>October 6</td>
</tr>
<tr>
<td>July 28 (3-week interval)</td>
<td>October 20</td>
</tr>
<tr>
<td>August 11</td>
<td>November 3</td>
</tr>
<tr>
<td>August 25</td>
<td>November 17</td>
</tr>
<tr>
<td>September 8</td>
<td>December 1</td>
</tr>
<tr>
<td>September 22</td>
<td>December 15</td>
</tr>
</tbody>
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**Note:** Organizing an on-site GSI meeting for either June 9 or June 23
Route 29 Solutions

Agenda item 10: New Business and Wrap Up
Agenda item 11: Adjourn
Rt. 29 Solutions Project Delivery Advisory Panel

March 17, 2016