Agenda item 1: Introductions:

Project Delivery Advisory Panel

VDOT Technical Team
Agenda item 2: Interaction and Feedback

Live Streaming

<table>
<thead>
<tr>
<th></th>
<th>June 22, 2017</th>
<th>May 25, 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unique Viewers:</td>
<td>16</td>
<td>21</td>
</tr>
<tr>
<td>Streams:</td>
<td>22</td>
<td>29</td>
</tr>
<tr>
<td>Average Minutes per stream:</td>
<td>18</td>
<td>19</td>
</tr>
</tbody>
</table>
Agenda item 2: Interaction and Feedback (continued)

For the period June 22, 2017 - August 23, 2017

Inbox email and phone calls: 7 emails and phone calls

- Caller questioned why the fence at the stormwater pond at Ashwood wasn't powder coated black like the guardrail and signals.
- Caller asked if fencing could be installed around the stormwater pond at Ashwood Boulevard.
- Writer stated that some of the landscaping that was planted was dying or in poor health. Writer also stated that the grass needs to be mowed.
- Writer complimented the work performed by LANE-Corman on the Rio GSI, 29 Widening, and Berkmar Extended.
- Writer pointed out that stop signs need to be installed in the Sam's Club parking lot.
Agenda item 2: Interaction and Feedback (continued)

For the period June 22, 2017 - August 23, 2017

Inbox email and phone calls: 7 emails and phone calls

• Writer stated that work-out equipment or an exercise park should be installed along the shared-use path on Berkmar Extended.

• Writer questioned why there are no flowers planted in the planters on the Rio GSI bridge.
Agenda item 2: Interaction and Feedback (continued)

For the period June 22, 2017 - August 23, 2017 (continued)

Hillsdale Extension 35 emails or phone calls.

- Similar comments have been combined to save time
- 5 compliments on the project, project management, traffic alerts, efficiency of work, and addition of a stop sign at Greenbrier
- 3 comments regarding sidewalk/bike lane connectivity, bus stop relocation, ADA compliance, project timeline, monitoring of sediment control, and project safety
- 2 comments regarding the expectation of the contractor being proactive with regard to safety and pedestrian activity in the area of Hillsdale/Greenbrier
- 1 comment stating that needs aren't being met by City and contractor with regard to sidewalks in the area of Senior Center, Laurels, Rosewood.
Agenda item 2: Interaction and Feedback (continued)

For the period June 22, 2017 - August 23, 2017 (continued)

Hillsdale Extension 35 emails or phone calls.

- 1 question regarding parking lot configuration during construction
- 1 question regarding access to the Senior Center during their monthly meetings
- 1 question regarding what will happen to the geese near the Senior Center; is there a plan to relocate them?
- 2 complaints about mud at the Seminole Ct/Zan Road intersection
- 1 question regarding when Seminole Ct/Zan Road will be opened
- 1 request for contractor to clean up sediment from recent storm event
- 1 comment that speed limit sign is covered by vines
Agenda item 2: Interaction and Feedback (continued)

For the period June 22, 2017 - August 23, 2017 (continued)

Hillsdale Extension

- 35 emails or phone calls.

- 1 question regarding the median at VA Credit Union and how it appears different than the plans. Concern over how traffic will access parking lot after construction

- 1 complaint regarding not being able to access the Laurels due to contractor equipment blocking entrance

- 7 comments that the Hillsdale/Greenbrier intersection is a mess, confusing, and dangerous

- 1 question regarding when construction debris would be removed

- 1 request to take down the old stop sign at old Hillsdale Drive
Agenda item 2: Interaction and Feedback (continued)

For the period June 22, 2017 - August 23, 2017 (continued)

Hillsdale Extension

35 emails or phone calls.

- 1 question regarding the bike lanes that begin at Rio Road and stop at the entrance to Food Lion on Hillsdale; is there a plan to widen to add bike lanes between Food Lion and the new section of Hillsdale?
- 1 complaint that heavy equipment is backing out into the roadway with no spotters or flaggers present, concerned about safety
- 1 question about the timing of an address change at the Laurels
- 1 question regarding the signs at the ends of the pedestrian paths that seem to put pedestrians out into the roadway, potentially endangering them.
- 1 comment regarding lack of notice for blocking off access to a business
Agenda item 2: Interaction and Feedback (continued)

For the period June 22, 2017 - August 23, 2017 (continued)

Web Provide Input: 0 new postings

Project Hotline 844-220-5540: 0 emails and calls

Note - Project Hotline closed following project completion on July 24, 2017.
Agenda item 3: Report on PDAP Recommendations and Requests

Vegetation in Rio GSI Planters

• Covered in agenda item 6

Final Meeting

• November 9th, 11:30 am - 12:30 pm
Agenda item 4: Panel Feedback and Suggestions for Future Agenda Items

Open Discussion
## Agenda item 5: Construction Milestones

<table>
<thead>
<tr>
<th>As of</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>November</td>
<td>December</td>
</tr>
<tr>
<td>8/24/2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29 Widening</td>
<td>Waterline Relocation (95%) 100%</td>
<td>Construction Complete</td>
</tr>
<tr>
<td></td>
<td>Phase 4 Grading, Drainage, and Paving (99%) 100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phase 6 and 7 Grading, Drainage, and Paving (90%) 100%</td>
<td></td>
</tr>
<tr>
<td>Berkmar</td>
<td>Roadway Construction South of River (99%) 100%</td>
<td>Construction Complete</td>
</tr>
<tr>
<td></td>
<td>Roadway Construction North of River (98%) 100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Deck Construction 100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Parapets, Abutment Slabs, and Railing (45%) 100%</td>
<td></td>
</tr>
<tr>
<td>Hillsdale</td>
<td>Partial Building Demolition 100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bridge Substructure (90%) 100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Retaining Wall-Pepsi (70%) 100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading, Drainage, and Paving North of Greenbrier Drive (40%) 65%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bridge Superstructure (30%) 65%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading, Drainage, and Paving between Greenbrier Drive and Seminole Ct. (60%) 65%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Roadwork between Zan Rd. and Whole Foods (40%) 100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Roundabout (10%) 90%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading, Drainage, and Paving in Seminole Ct. (60%) 75%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Greenbrier Signal Infra 0%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Seminole Ct Signal (30%) 45%</td>
<td></td>
</tr>
</tbody>
</table>
Hillsdale Extended

Work this week

- Form and pour retaining wall A
- Forming for sidewalks on both sides of bridge
- Landscaping installations
- Tapping sleeve installation at Greenbrier intersection
- Fill placement along shoulder near Greenbrier intersection
- Set structure 4-17
- Grading for curb placement from Greenbrier to Pepsi
- Light pole foundation installations
- Reinforcing steel placement in abutment approach slabs
- Approach slab concrete placement
Realignment at Greenbrier Dr.
Rt 29 Solutions

Hillsdale Bridge looking south
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Hillsdale Extended (continued)

Significant lane closures this week

• None
Rt 29 Solutions

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

Hillsdale Extended (continued)

Work next two weeks

- Form and pour retaining wall A
- Grade the entrance to USPS
- Pull wire and install light poles
- Topsoil placement following shared use path asphalt installation
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Hillsdale Extended (continued)

Anticipated upcoming significant lane closures

- Flagging for USPS
Rio GSI Planter Vegetation

Planned planting list
- Liriope
- Little Bluestem
- Fragrant Sumac
- Knockout Rose
- Maiden Grass

Modified Planting List
- Liriope
- Little Bluestem
- Fragrant Sumac
- Knockout Rose
- Maiden Grass
- Amsonia Hubrichtii
  - Replaces Little Bluestem and Fragrant Sumac
- Switchgrass or Muhly Grass
  - Replaces Maiden Grass
Agenda item 6: Rt 29 Solutions Project Updates (continued)
Rt 29 Solutions

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

- **MIX DAFFODILS IN LIRIOPE**
- **SINGLE ROW OF ROSES**
- **NO MAIDEN GRASS. USE SWITCH GRASS OR MULY GRASS**
- **USE AMSONIA HUBRICHTII INSTEAD OF AROMATIC SUMAC AND LITTLE BLUESTEM**
- **KWL PLANTING COMMENTS 11.12.2015**
- **too floppy**
- **not enough space**
- **invasive, not native**
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Liriope

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

Muhly Grass

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

Knockout Rose

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

Liriope (Installed)

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

Switchgrass (Installed)  Knockout Rose (Installed)

Note - Daffodils not shown since they are not in bloom in summer.
### Agenda item 7: Budget Update

<table>
<thead>
<tr>
<th>Construction Contracts</th>
<th>Original Construction Contract Value</th>
<th>Expended (Invoiced)</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>
</tr>
</thead>
<tbody>
<tr>
<td>Rt. 29 Solutions Design-Build</td>
<td>$110,746,000</td>
<td>$123,490,866</td>
<td>$11,152,304</td>
<td>$0</td>
<td>$4,407,438</td>
<td>$127,898,304</td>
<td>$155,775,000</td>
</tr>
<tr>
<td><strong>Change from June</strong></td>
<td>$4,996,357</td>
<td>$1,063,124</td>
<td>(1,300,000)</td>
<td>(3,911,433)</td>
<td>(214,876)</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Rt. 29/250 Interchange</td>
<td>$11,121,078</td>
<td>$12,095,082</td>
<td>$168,283</td>
<td>$66,000</td>
<td>($806,721)</td>
<td>$12,117,184</td>
<td>$14,632,000</td>
</tr>
<tr>
<td><strong>Change from June</strong></td>
<td>($21,102)</td>
<td>$0</td>
<td>(740,320)</td>
<td>$21,102</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Adaptive Signals</td>
<td>$3,720,000</td>
<td>$2,349,605</td>
<td>$125,000</td>
<td>$0</td>
<td>$1,495,395</td>
<td>$3,845,000</td>
<td>$3,420,000</td>
</tr>
<tr>
<td><strong>Change from June</strong></td>
<td>$0</td>
<td>$0</td>
<td>($50,000)</td>
<td>$0</td>
<td>($50,000)</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Hillsdale Ext. (1)</td>
<td>$11,748,919</td>
<td>$7,037,620</td>
<td>$535,016</td>
<td>$37,984</td>
<td>$4,646,315</td>
<td>$12,321,919</td>
<td>$11,198,000</td>
</tr>
<tr>
<td><strong>Change from June</strong></td>
<td>$1,534,783</td>
<td>$16,862</td>
<td>(16,862)</td>
<td>(1,517,921)</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>$143,335,996</td>
<td>$145,574,173</td>
<td>$11,980,603</td>
<td>$97,984</td>
<td>$9,742,426</td>
<td>$156,182,407</td>
<td>$185,025,000</td>
</tr>
<tr>
<td><strong>Change from June</strong></td>
<td>$6,510,238</td>
<td>$1,101,986</td>
<td>(2,107,162)</td>
<td>(5,408,252)</td>
<td>(284,876)</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

1. The Hillsdale Construction Value includes a $194,004 City Utility betterment. Hillsdale Approved Change Orders and Anticipated Construction Expenditures at Completion include the $350,000 incentive and a $287,437 ACESA betterment.
### Agenda item 8: Accident and injury update (Post-Rio GSI opening period)

<table>
<thead>
<tr>
<th>Rio Road GSI crashes</th>
<th>Total Crashes</th>
<th>Total Injury Crashes</th>
<th>Severe Injuries</th>
<th>Minor Injuries</th>
<th>No Apparent Injury</th>
<th>No Injury</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 19, 2012 – April 30, 2013</td>
<td>73</td>
<td>21</td>
<td>2</td>
<td>29</td>
<td>11</td>
<td>130</td>
</tr>
<tr>
<td>July 19, 2013 – April 30, 2014</td>
<td>72</td>
<td>19</td>
<td>1</td>
<td>23</td>
<td>6</td>
<td>135</td>
</tr>
<tr>
<td>July 19, 2014 – April 30, 2015</td>
<td>83</td>
<td>19</td>
<td>1</td>
<td>24</td>
<td>4</td>
<td>174</td>
</tr>
<tr>
<td>July 19, 2015 – April 30, 2016</td>
<td>73</td>
<td>17</td>
<td>0</td>
<td>22</td>
<td>10</td>
<td>139</td>
</tr>
<tr>
<td>July 19, 2016 – April 30, 2017</td>
<td>41</td>
<td>7</td>
<td>1</td>
<td>8</td>
<td>1</td>
<td>84</td>
</tr>
</tbody>
</table>
Agenda item 8: Accident and injury update (Post-Rio GSI opening period)
### Agenda item 8: Travel Time Data

<table>
<thead>
<tr>
<th>Direction</th>
<th>Time Period</th>
<th>Average Travel Time for April 9-10, 2014 (min:sec)</th>
<th>Average Travel Time for August 9-10, 2017 (min:sec)</th>
<th>Percent decrease in average travel time</th>
</tr>
</thead>
<tbody>
<tr>
<td>NB</td>
<td>AM Peak (7-9 AM)</td>
<td>10:20</td>
<td>8:08</td>
<td>21%</td>
</tr>
<tr>
<td></td>
<td>Midday (11 AM - 1PM)</td>
<td>10:09</td>
<td>8:31</td>
<td>16%</td>
</tr>
<tr>
<td></td>
<td>PM Peak (4-6 PM)</td>
<td>12:22</td>
<td>9:59</td>
<td>19%</td>
</tr>
<tr>
<td>SB</td>
<td>AM Peak (7-9 AM)</td>
<td>11:41</td>
<td>8:32</td>
<td>27%</td>
</tr>
<tr>
<td></td>
<td>Midday (11 AM - 1PM)</td>
<td>11:01</td>
<td>9:17</td>
<td>16%</td>
</tr>
<tr>
<td></td>
<td>PM Peak (4-6 PM)</td>
<td>12:14</td>
<td>10:11</td>
<td>17%</td>
</tr>
</tbody>
</table>
Agenda item 8: Travel Time Data

US 29 NB, Hydraulic to Airport Average Travel Time by time of day (March - beginning of August, 2017)
Agenda item 8: Travel Time Data

US 29 SB, Airport to Hydraulic Average Travel Time by time of day (March - beginning of August, 2017)
Agenda item 9: New Business and Wrap Up

Agenda item 10: Adjourn