Rt 29 Solutions Project Delivery Advisory Panel

December 15, 2016
Agenda item 1: Introductions

Project Delivery Advisory Panel

Technical Team
## Agenda item 2: Interaction and Feedback

### Live Streaming

<table>
<thead>
<tr>
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<th>Dec 1, 2016</th>
<th>Nov 17, 2016</th>
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<tbody>
<tr>
<td>Unique Viewers:</td>
<td>18</td>
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<tr>
<td>Streams:</td>
<td>36</td>
<td>24</td>
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<td>Average Minutes per stream:</td>
<td>23</td>
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Agenda item 2: Interaction and Feedback (continued)

For the period Nov 29, 2016 - Dec 13, 2016

Inbox email and phone calls: 9 emails and phone calls

- 1 asked about Route 29 Widening completion date and incentive for early completion. (Oct. 30 completion; work ahead of schedule; may finish by July)
- 1 commented about weaving at Rio GSI (no additional signs planned)
- 4 commented about conditions at the intersection of Rt. 29 and Ashwood Blvd. (improvements are in place)
- 1 expressed desire for an interstate from Lynchburg to Northern Virginia or to Richmond
- 1 commented that construction lights are too bright at night (LC reminded to position lights away from traffic)
- 1 commented that traffic cam at Rio and 29 was not working (repaired and working)
Agenda item 2: Interaction and Feedback (continued)

For the period Nov 29, 2016 - Dec 13, 2016 (continued)

City of Charlottesville - Hillsdale
• 1 observed an elderly man walking a dog inside orange fencing at Greenbrier and Hillsdale (appropriate signs are in place)
• 2 noted 25 mph sign missing on Hillsdale headed north between Greenbrier and Branchlands Blvd. (sign is being installed)

Web Provide Input: 2 New postings
• Rio GSI is helpful, but narrowing Rt 29 to 2 lanes in each direction was not well thought out. (New GSI provides same number of lanes as before)
• Comment from a GSI opponent
• Comment asking how much has been spent to study Hydraulic

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

Landscaping at Rt 29 / 250 Best Buy Ramp
• Low bid of $129,368 from Ground FX Inc. accepted. Planting in spring 2017

Species of trees planted near Rio in median (pictures on slide 7)
• Chinese Elm
• Swamp White Oak

Request for accident data for years prior to Rio GSI construction
• To be covered as agenda item 8

Clarification of comment regarding Woodbrook intersection
• Joel DeNunzio during agenda item 8
Swamp White Oak

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

Open Discussion
## Agenda item 5: Construction Milestones

<table>
<thead>
<tr>
<th>As of 12/12/16</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>November</td>
<td>December</td>
<td>January</td>
</tr>
<tr>
<td>29 Widening</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waterline Relocation 30%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 4 Grading, Drainage, and Paving (15%) 25%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 6 and 7 Grading, Drainage, and Paving (25%) 30%</td>
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<tr>
<td>Berkmar</td>
<td></td>
<td></td>
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<tr>
<td>Roadway Construction South of River (80%) 85%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roadway Construction North of River (90%) 90%</td>
<td></td>
<td></td>
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<tr>
<td>Deck Construction 100%</td>
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<td></td>
</tr>
<tr>
<td>Parapets, Abutment Slabs, and Railing 0%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hillsdale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partial Building Demolition 100%</td>
<td></td>
<td></td>
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<tr>
<td>Greenbriar Signal Infra</td>
<td></td>
<td></td>
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<tr>
<td>Grading, Drainage, and Paving North of Greenbriar Drive 5%</td>
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<td></td>
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<tr>
<td>Bridge Substructure 60%</td>
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<td></td>
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<tr>
<td>Bridge Superstructure</td>
<td></td>
<td></td>
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<tr>
<td>Retaining Wall at Pepsi 35%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grading, Drainage, and Paving between Greenbriar Drive and Seminole Ct. 10%</td>
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<td></td>
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<tr>
<td>Roundabout and Roadwork between Zan Rd. and Whole Foods 20%</td>
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<td></td>
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<tr>
<td>Grading, Drainage, and Paving in Seminole Ct.</td>
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<tr>
<td>Seminole Court Signal</td>
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Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 29 Widening

Work this week

- Erosion control
- Excavation and embankment construction on east side
- Pond 3 excavation
- Ditch excavation and curb backfill
- Finalizing slopes
- Outlet riprap installations
- Phase 4 silt fence installation
- Temporary seeding
- Phase 4 water main relocation
- Various culvert installations
- Jack and bore 9-2 and 11-1
- Underdrain installations
- Curb and gutter installation at Kohl’s and southern terminus
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 29 Widening (continued)

Significant lane closures this week (nighttime)

- Route 29 left or right lane closure NB and SB as necessary
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 29 Widening (continued)

Work next two weeks

• Erosion control maintenance
• Pond 3 excavation
• Ditch excavation and curb backfill
• Install fill material at pond 5
• Install riprap at 12-20 outlet
• Various storm drain and culvert installations between Polo Grounds and Ashwood
• Phase 4 water main relocation
• Jack and bore 9-2 and 11-1
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 29 Widening (continued)

Anticipated significant upcoming lane closures (nighttime)
• Route 29 left or right lane closure NB and SB as necessary
Rt 29 Solutions

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

Berkmar Extended

Work this week

• Erosion control maintenance
• Fine grading and backfilling curb
• Abutment B grading for drainage installations
• Strip deck, keyway
• MSE coping and backfill at abutments
• Break down Bidwell and work bridges
• Various culvert installation
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Berkmar Extended (continued)

Significant lane closures this week

• Flagging operation along Rio Mills Road as necessary
• Rio Mills Road closed December 14th – 16th for storm drain installation across Rio Mills Road
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Berkmar Extended (continued)

Work next two weeks

- Erosion control maintenance
- Fine grading and backfilling curb
- Push to fill at abutments
- Install tooth joints on bridge
- Finish MSE wall, coping, and backfill
- Asphalt paving, weather pending
- Culvert and storm drain installations
- Tie steel for return to approach terminal
Rt 29 Solutions

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

Berkmar Extended (continued)

Anticipated upcoming significant lane closures
• Flagging operation along Rio Mills Road as necessary
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Hillsdale Extended

Work this week

- Retaining wall excavation/undercut between Pepsi and USPS
- Retaining wall leveling pad
- Backfill at retaining wall
- Form, tie steel, place concrete for Abutment B
- Form, tie steel, place concrete for Abutment B wingwalls
- Rough/fine grade and underdrain at Homewood Suites
- Place curb at Homewood Suites
- Structure 4-2 placement

Significant lane closures this week

- None
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Hillsdale Extended (continued)

Work next two weeks

- Retaining wall excavation/undercut between Pepsi and USPS
- Retaining wall leveling pad
- Placement of retaining wall
- Backfill at retaining wall
- Undercut/fill at north end of project

Anticipated upcoming significant lane closures

- None
### Agenda item 7: Budget Update

#### Route 29 Solutions Budget Update as of December 15, 2016

<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>
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<tbody>
<tr>
<td>Rt. 29 Solutions Design-Build (1)</td>
<td>$116,746,000</td>
<td>$103,248,263</td>
<td>$10,067,180</td>
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<td>Rt. 29/250 Interchange (2)</td>
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<td>Adaptive Signals</td>
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<td>Hillsdale Extended</td>
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1. Rt. 29 Solutions Design-Build Exposure includes $1,300,000 potential incentive for overall DB program on-time completion.
2. Rt. 29/250 Interchange Exposure includes anticipated final payment.
Agenda item 8: Accident Report Update

Joel DeNunzio

Number of crashes, isolated period Jul 19 - Aug 31, 5-year history

- Jul 19 - Aug 31, 2012    6
- Jul 19 - Aug 31, 2013    13
- Jul 19 - Aug 31, 2014    12
- Jul 19 - Aug 31, 2015    14
- Jul 19 - Aug 31, 2016    9
07/19/2012 – 08/31/2012: 6 crashes
07/19/2013 – 08/31/2013: 13 crashes
07/19/2015 – 08/31/2015: 14 crashes
07/19/2016 – 08/31/2016: 9 crashes
Agenda item 9: Disposition of Bypass Right-of-Way

Update as of Dec 13, 2016 (previous update as of Sep 8, 2016)

90 total parcels
- 69 sold (53)
- 0 under contract (12)
- 9 pending resolution of condemnation issues (9)
- 5 for sale to adjacent landowner or public advertisement (9)
- 1 used for Leonard Sandridge project (1)
- 5 retained by VDOT (5)
- 1 in litigation (1)
Rt 29 Solutions
Agenda item 9 (continued)

Route 29 Bypass Right-of-Way Status
As of 12/13/2016

Legend
Status
- Sold / Terminated Easement
- For Sale
- Retained by Department
- ROW for Leonard Sandrige Road Project
- Condemnation Issues
- Pending Litigation
Agenda item 10: Business Assistance Program Wrap-up

JR Hipple, SIR Communications
Rt 29 Solutions

Agenda item 11: New Business and Wrap Up

Agenda item 12: Adjourn
Rt 29 Solutions Project Delivery Advisory Panel

December 15, 2016