Rt 29 Solutions Project Delivery Advisory Panel

August 11, 2016
Agenda item 1: Introductions

Project Delivery Advisory Panel

Technical Team
## Agenda item 2: Interaction and Feedback

### Live Streaming

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<th>July 28, 2016</th>
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Agenda item 2: Interaction and Feedback (continued)
For the period Jul 25, 2016 - Aug 7, 2016

Inbox email and phone calls: 9 emails
- 1 requested details of Rt 29 Widening traffic switch at North Hollymead and Ashbrook
- 1 inquired how VDOT accelerated design, construction, and bonus considering Virginia procurement laws
- 1 asked for total cost of Rio GSI and suggested it cost more than Bypass
- 1 thank-you for early completion
- 1 suggested adding signs and pavement markings on Rt 29 SB before Rio for earlier notification of local - through lane split
- 1 complaint about trucks running red lights and driving side-by-side
- 1 complaint about the retaining walls at the GSI blocking businesses
- 1 complaint about rough pavement at the GSI
- 1 inquiry about exiting Forest Lakes to Rt 29 SB at 5am
Agenda item 2: Interaction and Feedback (continued)

For the period Jul 25, 2016 - Aug 7, 2016

Web Provide Input: No new postings

Project Hotline 844-220-5540: 3 calls
• 1 asked about driveway access after Rt 29 Widening traffic shift
• 1 asked about mail delivery after Rt 29 Widening traffic shift
• 1 concerned about drainage on Rt 29 Widening at Forest Lakes
Agenda item 3: Report on Panel Feedback

Temporary traffic signals on Rt 29 NB at Berkmar need to be removed
• The temporary NB signal heads have been removed

Will traffic data be collected at Rio GSI for through and local lanes?
• Addressed in agenda item 9

When will lights be operational at RIO GSI?
• Should be installed within next 2 weeks

Will there be a sign noting merging traffic for Rt 29 SB through traffic south of the GSI?
• There are not any additional traffic signs contemplated at the GSI

Are there any plans for additional directional business signing other than the TODs?
• There are no plans for additional directional signing to businesses
Rt 29 Solutions

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

Open Discussion
### Agenda item 5: Construction Milestones

**Status as of Aug 8, 2016**

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**Under way ( % )** %complete prior reporting period

**Complete**

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

Rio Grade-Separated Intersection

Work this week

- Concrete punchlist items
- Stormwater Management Facility 4 repair
- Wall repairs
- Stormwater Management Facility 6 frame and cover installations
- Signal wire labeling
- Pulling wire for Berkmar/Rio signal reconstruction
- Install pedestrian lighting
- Install through lane lighting
- Install signal foundations at Berkmar/Rio
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection (continued)

Significant lane closures this week

- Nighttime lane closures along Route 29 and at Berkmar/Rio intersection between 9:00 pm and 6:00 am
Rt 29 Solutions

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

Rio Grade-Separated Intersection (continued)

Work next two weeks

• Address punchlist items
• Pulling wire for Berkmar/Rio signal reconstruction
• Install signal detection loops at 29/Rio
• Install pedestrian poles and signal uprights at Berkmar/Rio
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection (continued)

Anticipated significant upcoming lane closures (nighttime)

• Nighttime lane closures along Route 29 and at Berkmar/Rio intersection between 9:00 pm and 6:00 am
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Rt 29 Widening

Work this week

• Excavation for retaining wall at Kohl’s
• Cut to fill grading
• Asphalt demolition in old SB lanes
• Mass excavation
• Drainage structure installations
• Asphalt milling in old SB lanes
• Jack and bore structures 8-1 and 12-20
• Relocate aerial telecommunication lines
Rt 29 Solutions

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

Rt 29 Widening (continued)

Work next two weeks

• Cut to fill grading
• Mass excavation
• Drainage installations
• Retaining wall at Kohl’s
• Jack and bore structures 8-1 and 12-20
• Relocate aerial telecommunication lines
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
Rt 29 Solutions

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

Berkmar Extended

Work this week

- Erosion control maintenance
- Excavate south of river
- Excavate for pond 8
- Cut to fill grading
- Place and compact embankment
- Pour pier cap 2
- Install overhang jacks and prep for girder delivery
- Beam seat prep
- Blasting near Kohl’s
- Abutment A drainage
- Ponds 5, 7, 8 drainage installation
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Berkmar Extended (continued)

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

- Erosion control maintenance
- Excavate south of river
- Cut to fill grading
- Place and compact embankment
- Overhang jack installation
- Strip pier 2 cap
- Prep beam seats
- Ponds 3, 4, and 8 drainage installation
- Structure 10-1 to 10-3 installation
- Crane and girder deliveries
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Berkmar Extended (continued)

Anticipated upcoming significant lane closures

- Flagging operation along Rio Mills Road
- Short duration closures along Rio Mills Road for crane and girder deliveries
Agenda item 6: Rt 29 Solutions Project Updates (continued)

Hillsdale Extended

Work this week

- Continue mobilization
- Install environmental controls
- Surveying
- Continue utility relocations
- Subcontractor submittals and permit applications
- Begin phase I clearing

Significant lane closures this week

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

Hillsdale Extended (continued)

Work next two weeks

- Continue mobilization
- Continue installation of environmental controls
- Continue surveying
- Continue utility relocations
- Continue phase I clearing
- Subcontractor submittals and permit applications

Anticipated upcoming significant lane closures

- None
Agenda item 7: Business Assistance Subcommittee Budget Update

Chip Boyles
Agenda item 8: Signal Timing Observations and Adjustments

Observations come from field visit on August 2, 2016 from 7am to 6 pm

AM Peak:

• Southbound offsets need to be adjusted

Mid-day:

• Northbound and southbound offsets need to be adjusted
• Add green time for NB 29 left turn to WB Woodbrook Drive
• Add green time for WB Rio Road left turn to SB 29
• Change timings at Rio/Berkmar and Rio Albemarle Square based on changes above
Agenda item 8: Signal Timing Observations and Adjustments (continued)

PM Peak:

• Northbound and southbound offsets need to be adjusted
• Add green time for southbound approach at Rio Road/Berkmar Drive
• Add green time for northbound approach at Rio Road/Albemarle Square
Agenda item 9: Traffic Data Collection Plan and Schedule

2014 - 2015 corridor traffic analysis assumed completion of all Rt 29 Solutions projects (Best Buy Ramp, Rt 29 Widening, Berkmar Extension, Hillsdale Extension and Rio GSI)

With opening of Rio GSI VDOT will collect raw spot weekday AM and PM traffic data

Data to be collected in mid-October 2016 at four signalized intersections:
1. Rio GSI (through and local)  2. Fashion Square and Rt 29
3. Woodbrook and Rt 29      4. Rio E /Albemarle Sq/Fashion Sq

Will not be a formal corridor traffic study and data will not be used to project future volumes. Future data collection and analysis occurs post-October 2017.
Agenda item 10: PDAP Calendar 2017 - Q1

January 12, 2017

February 9, 2017

March 9, 2017
Agenda item 11: New Business and Wrap Up
Agenda item 12: Adjourn