Rt. 29 Solutions Project Delivery Advisory Panel

October 29, 2015
Agenda item 1: Introductions

Project Delivery Advisory Panel

Technical Team
# Agenda item 2: Interaction and Feedback

## Live Streaming

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<tr>
<td><strong>Unique Viewers:</strong></td>
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<td><strong>Streams:</strong></td>
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<td><strong>Average Minutes per stream:</strong></td>
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Route 29 Solutions

Agenda item 2: Interaction and Feedback (continued)

• 4 emailed comments to route29solutions.org inbox, Oct 13 - Oct 27
• 1 new Provide Input posting on route29solutions.org, Oct 13 - Oct 27
• 3 calls to Design-Build project hotline, Oct 13 - Oct 27 (844-220-5540)

Emailed Comments:

• 1 concerned about impact on 250 from adding 2nd ramp at Best Buy
• 1 expressed disappointment that no additional lanes on 29 under 250
• 1 inquired about closure updates, especially at Dominion and Rio Rd East
• 1 asked whether utilities would be buried and whether 29 NB grade would change at Forest Lakes
• 1 complained about noise and the lack of notice regarding nighttime noise
Agenda item 3: Report on PDAP Feedback

Berkmar - design to accommodate future four lanes
  • Will make decision no later than Nov 12 PDAP meeting

Are nighttime detours directing traffic onto private property?
  • No. U-Turn sign is up

Does message sign for nighttime detours state that detour is only at night?
  • Yes
Agenda item 4: Panel Feedback and Suggestions for Future Agenda Items

Open Discussion
## Agenda item 5: Design-Build Plan Submission Schedule

**Route 29 Solutions Design Reviews**  
Scheduled submission dates (s)  
Actual submission dates ✓

<table>
<thead>
<tr>
<th></th>
<th>Mar</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>Aug</th>
<th>Sept</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
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<tbody>
<tr>
<td><strong>Rio Road Intersection</strong></td>
<td>Mar 6 30% ✓</td>
<td>Apr 17 30% (s)</td>
<td>May 27 60% ✓</td>
<td>Jun 24 60% (s)</td>
<td>Jul 17 100% ✓</td>
<td>Aug 7 Final (s)</td>
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<tr>
<td><strong>Route 29 Widening</strong></td>
<td>Mar 31 30% ✓</td>
<td>Apr 8 30% (s)</td>
<td>Jun 11 60% ✓</td>
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<td></td>
<td>Nov 11 100% ✓</td>
<td>Sep 60% (s)</td>
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<td>Dec 2 Final (s)</td>
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<td><strong>Berkmar Extended</strong></td>
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<td></td>
<td>Aug 7 60% ✓</td>
<td>Sep 3 60% (s)</td>
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<td>Dec 31 Final (s)</td>
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<td><strong>Rio Pedestrian Lighting Local Lanes</strong></td>
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<td>Oct 29 ✓ Draft</td>
<td>Nov 12 Final</td>
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<tr>
<td><strong>Rio Architecture Hardscape</strong></td>
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<td>Dec 3</td>
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Agenda item 6: Rt. 29 Solutions Project Updates

Rt. 250 / 29 Interchange
Work this week
• Sidewalk/ramp replacement at Route 29 and Angus Road intersection
• Complete construction of the sidewalk in the median of Route 29
• Complete backfill operations of the retaining wall at Best Buy
• Complete installation of pedestal pole foundations along Route 29
• Continue installation of MSE wall panels and backfill
• Continue widening of Best Buy ramp
• Begin storm drain installation on Barracks Road ramp to Route 250EB
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rt. 250 / 29 Interchange (continued)

Significant lane closures this week

- Route 29 inside turn lane closures to backfill curb and construct sidewalk
- Route 29 SB lane shoulder closures to construct sidewalk
- Ramp closure and detour in place at night
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rt. 250 / 29 Interchange (continued)

Work next two weeks

- Widening of Best Buy ramp
- Complete sidewalk/ramp replacement at Route 29 and Angus Road intersection
- Continue installation of the MSE wall panels and backfill
- Complete widening of Best Buy ramp
- Begin paving of new lanes on Route 29
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rt. 250 / 29 Interchange (continued)

Anticipated significant upcoming lane closures

• Route 29 inside lane closures to construct sidewalk
• Route 29 SB lane shoulder closures to construct sidewalk
• Ramp closure and detour in place at night
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Woodbrook - Berkmar Signal

Work this week
- Final acceptance inspection

Significant lane closures this week
- None

Work next two weeks
- None – Project complete

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

Rio Grade-Separated Intersection

Work this week

• Continue storm drain and BMP installation (NE and SE)
• Continue 18” water main relocations
• Continue 24” water main relocations
• Continue gas main relocation (NW and SW)
• Continue drilling and abutment pile installation
• Begin wall pile installation
• Continue retaining wall at SunTrust
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection (continued)

Significant lane closures this week (nighttime)

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

• Rte. 29 triple lane closures northbound and southbound

• Rio East westbound closure with local business access open
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection (continued)

Work next two weeks

- Continue storm drain installation (SE and NE quadrants)
- Continue 18” water main relocations
- Continue 24” water main relocations
- Continue gas main relocation
- Continue drilling and abutment pile installation
- Continue wall pile installation
- Continue retaining wall at SunTrust
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection (continued)

Anticipated significant upcoming lane closures (nighttime)
- Rio crossover closed at nighttime restricting thru movements and left turn movements
- Rte. 29 triple lane closures northbound and southbound
- Rio East westbound closure with local business access open
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Rt. 29 Widening

Work this week

• Strip topsoil in median
• Place fill in median
• Test bores for signal and overhead structure foundations

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

• Strip and haul topsoil to Berkmar alignment
• Place fill in median
• Install temporary barrier SBL (right side)
• Clear trees SBL right side

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 phase III archaeological recovery
- E&S Installation
- Submit 100% Roadway plans (Oct 30)
- Submit final drainage and SWM reports (Oct 30)

Significant lane closures this week (nighttime)

- Shoulder closure at Berkmar and Hilton Heights for tree clearing
Agenda item 6: Rt. 29 Solutions Project Updates (continued)

Berkmar Extended (continued)

Work next two weeks
• Continue phase III archaeological recovery
• E&S Installation
• Grubbing (stump and vegetation removal)
• Host agency field review (Nov 4)

Anticipated significant upcoming lane closures (nighttime)
• Shoulder closure at Berkmar and Hilton Heights for tree clearing
Route 29 Solutions

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

Hillsdale Extended

- USPS property draft easement documents in review by city.
- Held meeting with VDOT regarding Greenbrier signal. Agreement to install signal infrastructure as part of the project.
- Revised schedule to move ad date to 1st Qtr 2016 being submitted to VDOT this week.
- City submitted Type Size Location report to VDOT for review.
- VDOT working with Albemarle County on SWM basin MOA
- Environmental Re-evaluation submitted for VDOT review
Agenda item 7: TODS Construction Program Update

35 of 38 qualifying businesses participating.

Total of 24 signs.

All Phase One signs (now until May 23, 2016) set to be up by Oct 30.
WOODBROOK DR

KOHr BROS
0.2 FROZEN CUSTARD

CHICK-FIL-A

TROPICAL SMOOTHIE
0.3

BRICK OVEN PIZZERIA
0.4
Excerpts from the contract:

- The Design-Builder will be restricted from performing construction activities on the US 29 & Rio Road Grade Separated Intersection project outside of the roadway and on commercial properties (including easements) that would impede the flow of traffic into or out of commercial properties during the timeframe beginning the day before Thanksgiving Day of each year and ending on January 1 of the following year.

- The Design-Builder will be required to close any open trenches, stabilize any disturbed locations, make any pavement restorations, make any pavement marking restorations, restore lighting and signage, and repair any curbs or entrances to conditions acceptable to VDOT and commercial property owners/managers prior to the day before Thanksgiving Day.
Agenda item 8: Holiday Period Restrictions and Allowable Activities

Restricted activities include:

- Trenches across entrances
- Construction on entrances
- Temporary pavement (cold patch) or steel plates on entrances. Pavement will be hot mix asphalt
- Equipment on easement areas at Fashion Square along Route 29 and Albemarle Square along Rio Road
Agenda item 8: Holiday Period Restrictions and Allowable Activities

Allowable activities include:

- Gas main relocation in the roadway
- Curb replacement along Route 29 away from entrances
- BMP 6 adjacent to Albemarle Square Route 29 entrance
- Drainage installations inside of right of way
- Retaining walls within right of way away from entrances
- Grading for roadway widening within right of way
- Installation of retaining wall piles in roadway
- Utility companies pulling wire/fiber through ductbanks scheduled for completion early December
Agenda item 9: Planned Detour Routes

Graphic on next slide indicates primary detour for period May 23 - Sep 2, 2016
Agenda item 10: Draft Pedestrian Lighting Plan

Draft plans follow on next 5 slides
COBRA HEAD LUMINAIRE AND POLE DETAILS

ISOMETRIC VIEW

Standard Ground-Mounted LP

Barrier-Mounted Luminaire

Standard LP/Composite

Traffic Solar & Shoreline Pole
PEDESTRIAN LUMINAIRE AND POLE DETAILS

ELEVATION VIEW

POLE IS STAINLESS STEEL WITH MILLERBROOK WET COAT FINISH.
Agenda item 11: New Business and Wrap Up
Agenda item 12: Adjourn
Rt. 29 Solutions Project Delivery Advisory Panel

October 29, 2015