Route 29 Solutions

September 25, 2014
Rt. 29 Project Delivery Advisory Panel Meeting
Agenda item 1: Introductions

• Project Delivery Advisory Panel
• Technical Team
Agenda item 2: Interaction and Feedback

Live Streaming

- Viewers: 31 viewers
- Streams: 123 streams
- Average minutes per stream: 31 minutes
Agenda item 2: Interaction and Feedback (continued)

- 4 comments submitted through route29solutions.org Sep 9 - Sep 22
- 19 total Share Your View postings on route29solutions.org

General Summary of Comments submitted through website

- 2 requested bike lanes on Rt. 29 Widening
- 2 questioned effectiveness of Rio grade separation
- 1 questioned “Can two lanes in each direction handle all the through traffic?”
Agenda item 3: RFQ and RFP Update

Request for Qualifications

- RFQ advertised: Jul 24 ✔
- RFQ Information Meeting: Jul 31 ✔
- Deadline to submit questions: Aug 7 ✔
- VDOT response to questions: Aug 14 ✔
- SOQs submitted by contractors: Aug 28 ✔
- SOQ evaluations complete: Sep 18 ✔
- Berkmar Location Public Hearing: Sep 18 ✔
- CEs comment period expiration: Sep 24 ✔
- Shortlist of top three firms: Sep 25 ✔ (Sep 19)
Agenda item 3: RFQ and RFP Update (continued)

Request for Proposals - 2014

- RFP issued to top three firms: Oct 2
- Information / Utility Meeting: Oct 9
- Design Public Hearings: Oct 14
- Proprietary meetings: Oct 23
- RFP addendum (if necessary): Nov 6
- Proprietary meetings: Nov 20
- Technical proposals: Dec 4
Agenda item 3: RFQ and RFP Update (continued)

Request for Proposals - 2015

- Technical proposal evaluation: Jan 5
- Price proposals submitted: Jan 7 (rev Jan 13)
- Open price proposals: Jan 9 (rev Jan 14)
- Notice of intent to award: Jan 16
- FHWA review and approval: Jan 8 - Jan 30
- To CTB for approval: Feb 18
- Notice to proceed: Mar 4
Agenda item 4: Panel Recommendations

• Architectural Review Board Review
  RFP will include ARB guidelines
  RFP will include SELC concepts for guidance
  Nov 6 addendum will include specific requirements
  Will use aesthetic barriers
  Will include treatments on wall face
  Will include appropriate treatments on bridge over Rio

• Non-football weekend fall traffic counts
  Counts completed Saturday, Sep 20
Agenda item 4: Panel Recommendations (continued)

• Multi-use path on 29 Widening project
  Possible to add, but potential issues to consider
  May impact median width and existing trees
  Sidewalk on west side may be affected
  Requires larger retaining walls to reduce environmental footprint
  Design team needs to balance cost v. affects
  If added, could be in RFP or RFP Addendum
  Will update panel as soon as decision is final

• Additional left-turn storage at Woodbrook and Fashion Square entrance
  Will be added to Oct 2 RFP
Agenda item 5: North Charlottesville Business Council Update

- Sep 17 meeting with NCBC
- Joel DeNunzio and Lou Hatter attended from VDOT
Agenda item 6: Integrated Design-Build Construction Schedule

- Handout in your package (posted on route29solutions.org)
- Indicative schedule prepared by VDOT
- Represents VDOT’s view of how project activities could occur
- Design-build contractor will prepare and submit a final schedule
- Schedule must be approved by VDOT
- Rio: Night work before May 23, 2016
  No peak-hour lane closures
  Rio intersection restricted May 23 - Sep 2, 2016
- Rt. 29 Widening: 2 lanes each direction maintained throughout construction
Agenda item 7: Hillsdale Extension Update

• City administered project
• Fully funded for completion on or before Oct 30, 2017
Agenda item 8: Utility Relocation Update

- Offsite utility corridor no longer under consideration
- At Rio, will relocate utilities in existing right-of-way or county setback area
- Working with utilities to consider possible waterline betterment in Berkmar right-of-way
- VDOT will continue to work directly with property owners
Agenda item 9: Rio Stormwater Management Areas

- Rio stormwater management areas will be underground facilities
- Rio stormwater management areas will be restored to existing condition
- Four potential areas identified at Rio
- VDOT contacting and meeting directly with property owners
Agenda item 10: Temporary Easement Locations and Purpose

• All temporary construction easements reduced to 10 ft or less from existing right-of-way line

• TCEs provide safe access to perform construction activities

• All easement areas will be restored to original condition
Agenda item 11: Traffic Volumes - Expected Worst Case at Rio

- 2014 existing Rt. 29 SB through traffic plus Rt. 29 to Rio WB left turns expected to represent worst case condition
- Above represents total 2,023 vehicles per hour
- Two-lane Rt. 29 SB capacity is 2,300 vehicles per hour
Agenda item 12: Construction Detail Examples

• Secant wall and Soldier Pile techniques
SECANT PILE WALL CONSTRUCTION SEQUENCE

1. Drilling of primary pile
   - A
   - C
   - B

2. tremie placement of concrete while extracting casing
   - A
   - C
   - B

3. Drilling of primary pile (2)
   - A
   - C
   - B

4. Drilling of secondary pile
   - A
   - C
   - B

5. Installation of reinforcing steel
   - A
   - C
   - B

6. Concreting of secondary pile
   - A
   - C
   - B
Agenda item 13: New Business and Wrap Up

• New business
• Items for Oct 9 PDAP meeting
Agenda item 14: Adjourn
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