



Rt. 29 Solutions Project Delivery Advisory Panel

September 3, 2015



Route 29 Solutions

Agenda item 1: Introductions

Project Delivery Advisory Panel

Technical Team



Route 29 Solutions

Agenda item 2: Interaction and Feedback

Live Streaming

	Aug 20, 2015	<i>Aug 28, 2014</i>
• Unique Viewers:	26	47
• Streams:	59	194
• Average Minutes per stream:	16	17



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Agenda item 2: Interaction and Feedback (continued)

5 emailed comments to route29solutions.org inbox, August 18 - August 31

1 new Provide Input posting on route29solutions.org, August 18 - August 31

No calls to Design-Build project hotline, August 18 - August 31

Emailed Comments:

1 asked for best route from Greene Co. to Avon Street during construction

1 supports signal at Greenbrier - Hillsdale intersection

1 mentioned need to cut grass on Rt. 29 near Holiday Inn

1 said upcoming changes at two intersections will kill local businesses in Albemarle Square

1 supported the Rt. 29 Solutions projects



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Agenda item 3: Report on PDAP Feedback from August 20 PDAP meeting

Update on county staff Sep 9 briefing to BOS regarding sign ordinance

- **Mark Graham**

Update regarding Business Assistance Subcommittee

- **Chip Boyles**

Visit to, and PDAP meeting at, VDOT's Northwest Region Operations Office

- **Options are Oct 1 or Oct 15 (Oct 29 not available for meeting)**

Berkmar - number of lanes

- **Considering design opportunities and cost considerations**



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Agenda item 3: Report on PDAP Feedback from August 20 PDAP meeting (continued)

Consideration of Ashwood Boulevard connector

Aug 7, 2014: matter raised at PDAP

Aug 28, 2014: PDAP was advised that the transportation planning process must be used; if MPO added to Constrained Long Range Plan (CLRP), Shucet committed to request consideration of funding for Six Year Improvement Program (SYIP).

- Ashwood Boulevard has not completed the transportation planning process.
- Projects must be in CLRP and funded in SYIP to advance. The *transportation planning process* requires actions beyond inclusion in Places 29.
- Inclusion in Places 29 was not a prerequisite for Rt. 29 Solutions Package.
- Projects that did advance were included in various plans, including Places 29, but not all projects in all plans were selected or funded for Rt. 29 Solutions.
- All Rt. 29 Solutions projects passed through all steps of planning and development.

Route 29 Solutions:

Recommended Concept Solution Package



Status / Recommendation	Concept Elements	Remaining Cost to Complete (\$Millions)	SYP	MPO TIP	Places 29	MPO CLRP	MPO Vision Plan
<i>SYIP Programmed Projects</i>	Best Buy Ramp (Construct 2nd Lane and Merge Lane)	\$6	●	●	●	●	
	Hillsdale Drive Extension (Construct New Roadway)	\$16	●	●	●	●	
	Route 29 N. Widening, Polo Grounds Road to Town Center Drive	\$18	●	●	●	●	
	Adaptive Signal Time Improvements	\$3	●	●	●		
<i>Proposed Construction Program</i>	Hillsdale Drive Extension to Holiday Drive (Construct New Roadway)	\$10			●		
	Berkmar Drive Extension (Construct New Roadway)	\$54		● ¹	●	●	
	Route 29 / Rio Road Grade Separated Intersection	\$81			●	●	
<i>Fund PE Only</i>	Route 29 / Hydraulic Road Grade Separated Intersection	\$10		● ¹	●		●
<i>Fund 25% of Additional Trainset</i>	Amtrak Regional Service – Lynchburg to D.C. (Fund 25% of Additional Trainset)	\$5	●			●	
Total Cost to Fund		\$203					

¹Language from the MPO TIP on “Illustrative Projects”:

The Transportation Improvement Program may include, for illustrative purposes, additional projects that would be included in the approved Transportation Improvement Program if reasonable additional resources beyond those identified in the financial plan were available.



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

Open Discussion



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Agenda item 5: Design-Build Plan Submission Schedule

Route 29 Solutions Design Reviews										
Scheduled submission dates (s)										
Actual submission dates ✓										
2015										
	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Rio Road Intersection	Mar 6 30% ✓	Apr 17 30% (s)	May 27 60% ✓	Jun 24 60% (s)	Jul 17 100% ✓	Aug 7 Final (s)				
Route 29 Widening	Mar 31 30% ✓	Apr 8 30% (s)	Jun 11 60% ✓				Sep 1 60% (s)			Dec 2 Final (s)
Berkmar Extended						Aug 7 60% ✓	Sep 3 60% (s)			Dec 31 Final (s)
Rio Enhanced Landscaping								Oct 1 - Draft Oct 29 - Final		
Rio Pedestrian Lighting Local Lanes								Oct 15 Draft	Nov 12 Final	



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Agenda item 6: Rt. 29 Solutions Project Updates

Rt. 250 / 29 Interchange

Work this week

- Continue grading operations in Rt. 29 median
- Continue construction of the retaining wall at Best Buy
- Complete installation of support of excavation
- Continue stormwater management basin excavation
- Continue installation of conduit along Rt. 29 for lighting and signals

Work next two weeks

- Complete construction of the retaining wall at Best Buy
- Complete grading activities in the median of Rt. 29
- Installation of leveling pad for retaining wall along Route 250
- Sanitary sewer relocation



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

Signals - Additional Work

Work this week

- Complete Foundation A construction
- Begin Foundation B construction

Work next two weeks

- Complete Foundation B construction
- Begin junction box installation
- Conduit boring
- Begin controller foundations



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

Rio Grade-Separated Intersection

Work this week

- **Stripe new turn lanes at Myers and Berkmar**
- **Connect power to temporary signals**
- **Continue 18" water main relocations**
- **Continue 24" water main relocations**



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

Rio Grade-Separated Intersection (continued)

Work next two weeks

- **Begin stormdrain installation in NE and SE quadrants**
- **Activate Myers and Berkmar crossover signals**
- **Deactivate Albemarle Square and Fashion Square signals, close crossovers**
- **Bore 1 inch service line to Hardee's**
- **Continue 18" water main relocations**
- **Continue 24" water main relocations**



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

Rt. 29 Widening

Work this week

- Continue profile milling of southbound lanes
- Southbound lane asphalt build-up

Work next two weeks

- Perform temporary southbound widening
- Install erosion and sedimentation control
- Begin median clearing
- Submit 100% roadway plans



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

Berkmar Extended

Work this week

- Submit revised ROW plans
- Issue notice to commence ROW acquisition
- Appraisals
- Submit incident management plan

Work next two weeks

- Clear at pier locations
- Begin archaeological excavation
- Clear location south of bridge
- Appraisals



Route 29 Solutions

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

Hillsdale Extended

Work this week

- Received updated VDOT comments (125) – working on revising plans
- Appropriating funds & coordinating finances within City Hall
- Continued Coordination to complete Environmental Re-evaluation

Upcoming work

- Update to Noise Study submitted to VDOT – awaiting concurrence
- Update to Signal Analysis Addendum submitted to VDOT - awaiting concurrence
- Revising ROW limits so appraisal process and ROW acquisition can begin



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Agenda item 7: September 9 Intersection Closings

NOTE: Work will be completed during nighttime work hours on Sep 9

Two signals coming out and two Rt. 29 intersections permanently closing at Albemarle Square and Fashion Square Drive. Details at route29solutions.org.

Entrances at Albemarle Square and Fashion Square Drive will remain open for right-in and right-out from and to Northbound Rt. 29.

Southbound Rt. 29 access to Albemarle Square

- Make u-turn at Rio Road, then NB to right-in entrance
- Turn left at Rio Road, then left at signalized intersection

Southbound Rt. 29 access to Fashion Square Mall

- Use signalized intersection at Twentyninth Place Court & Fashion Sq. Dr.
- Turn left at Rio Road, then right at signalized intersection



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Agenda item 7: September 9 Intersection Closings (continued)

Two temporary signals and intersection crossovers will open during nighttime work hours on Sep 9

Berkmar temporary signalized intersection will provide:

- access to Berkmar from both NB and SB 29
- access from Berkmar to both NB and SB 29

Temporary signal and crossover just south of Myers Drive will provide:

- u-turn only for NB 29 traffic to SB 29

Crossover south of Myers will not allow:

- left turn from NB 29 to Myers Drive
- left turn from SB 29 to Gardens Blvd

Both temporary crossovers will close with opening of Rio GSI in Sep 2016



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Agenda item 8: TODS Signing During Construction

As of Sep 2, 2015:

- **38 businesses qualify**
- **5 of the 38 business currently participate in TODs program and their fees will be waived through August 31, 2017**
- **Applications have been delivered to 32 businesses that do not currently participate in TODs program**
- **3 of the 32 have submitted applications as of Sep 2**

TODS Example Prior to GSI Opening

Proposed sign location



Jimmy John's

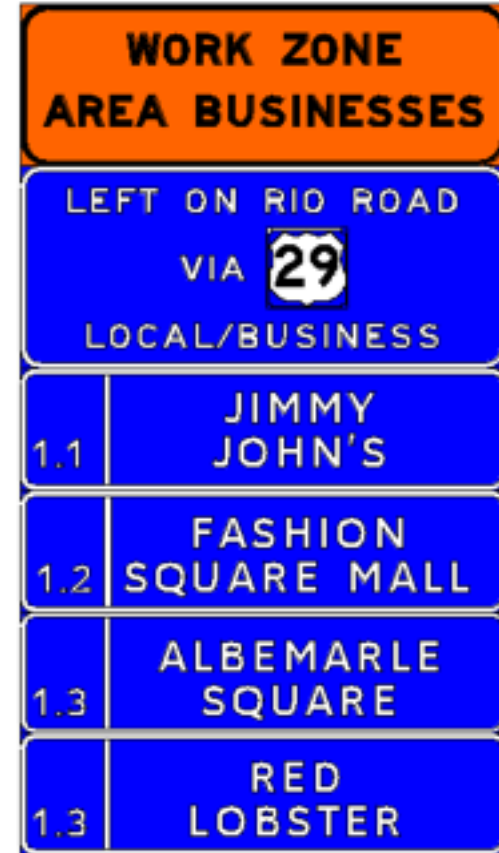
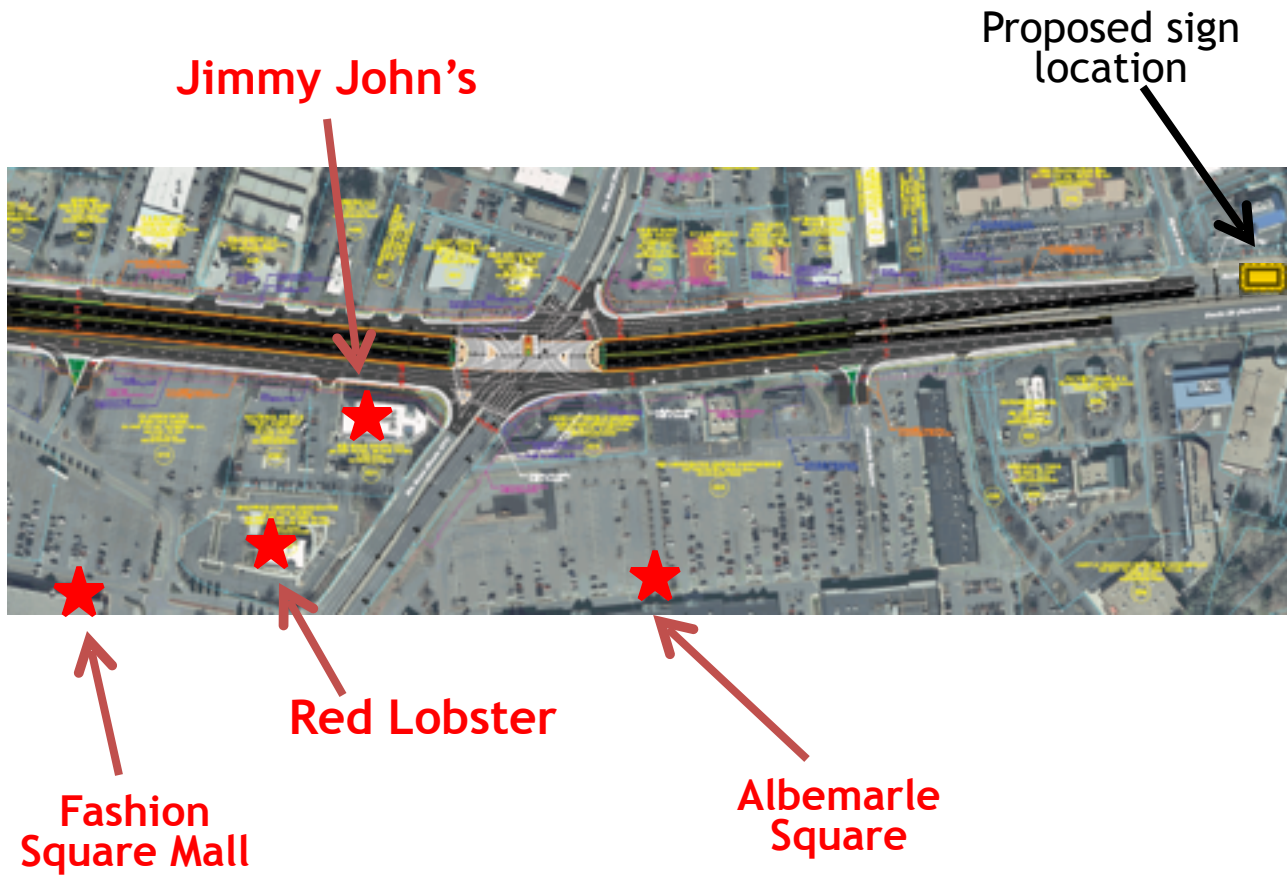
Red Lobster

Fashion Square Mall

Albemarle Square

WORK ZONE AREA BUSINESSES	
RIO ROAD 631 LEFT $\frac{1}{2}$ MILE	
1.1	JIMMY JOHN'S
1.2	FASHION SQUARE MALL
1.3	ALBEMARLE SQUARE
1.3	RED LOBSTER

TODS Example After GSI Opening



TODS Example at Completion

Jimmy John's

Proposed sign location



Fashion Square Mall

Red Lobster

Albemarle Square





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Agenda item 9: Final SIR Report: Placemaking

John Martin



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Agenda item 10: New Business and Wrap Up



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Agenda item 11: Adjourn



Rt. 29 Solutions Project Delivery Advisory Panel

September 3, 2015