Rt. 29 Solutions Project Delivery Advisory Panel

October 15, 2015
Agenda item 1: Introductions

Project Delivery Advisory Panel

Technical Team
Agenda item 2: Interaction and Feedback

Live Streaming

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<th>Oct 1, 2015</th>
<th>Sep 25, 2014</th>
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Agenda item 2: Interaction and Feedback (continued)

- 3 emailed comments to route29solutions.org inbox, Sep 29 - Oct 13
- 2 new Provide Input postings and 2 responses on route29solutions.org, Sep 15 - Sep 29
- 1 call to Design-Build project hotline, Sep 29 - Oct 13 (844-220-5540)

Emailed Comments:

- 1 dental practice requested a pedestrian crosswalk on Berkmar Dr. for employees parking on the opposite side of the street.
- 1 expressed concern that traffic will reach Hydraulic faster with the GSI.
- 1 asked if there will be additional job fairs.
- 2 mentioned pot holes in the right turn lane at Rt. 29 and Rio.
- 1 expressed concern about left turns at the u-turn crossover near Myers Dr.
Agenda item 3: Report on PDAP Feedback from September 17 PDAP meeting

Update regarding Business Assistance Subcommittee

- Chip Boyles

Berkmar - design to accommodate future four lanes

- Will make decision no later than Nov 12 PDAP meeting

Signal timings

- Timing adjustments at Rt 29 and Twentyninth Place added time to SB afternoon left turns into Fashion Square

- Timing adjustments at Rio to add time for SB afternoon left turns from Rt. 29

- Timing adjustments made for traffic crossing Rt 29 from Rio West to Rio East
Agenda item 4: Rt. 29 Solutions Project Updates

Rt. 250 / 29 Interchange

Work this week

• Continue backfilling curb in the median of Route 29
• Begin sidewalk replacement at Route 29 and Angus Road intersection
• Begin construction of the sidewalk in the median of Route 29
• Complete installation of conduit along Route 29 for lighting and signals
• Continue installation of MSE wall panels
• Continue sanitary sewer relocation along Route 250
• Continue grading and installation of storm drain structures along the Barracks Road ramp
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Rt. 250 / 29 Interchange (continued)

Significant lane closures this week

• Route 29 inside 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 4: Rt. 29 Solutions Project Updates (continued)

Rt. 250 / 29 Interchange (continued)

Work next two weeks
• Begin backfill of the retaining wall at Best Buy
• Continue construction of the sidewalk in the median of Route 29
• Continue sidewalk replacement at Route 29 and Angus Road intersection
• Continue installation of the MSE wall panels
• Complete installation of storm drain structures along Barracks Road ramp
• Begin widening of Best Buy ramp
• Begin leveling pad preparation on west end of MSE wall
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Rt. 250 / 29 Interchange (continued)

Anticipated significant upcoming lane closures

- Route 29 inside 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 4: Rt. 29 Solutions Project Updates (continued)

Woodbrook - Berkmar Signal

Work this week

- Activate signals

Significant lane closures this week

- None
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Woodbrook - Berkmar Signal (continued)

Work next two weeks

• Perform changeover of signals
• Remove old signal equipment

Anticipated significant upcoming lane closures
• Periodic traffic stops to remove old mast arms
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection

Work this week

- Continue storm drain and BMP installation
- Continue 18” water main relocations
- Continue 24” water main relocations
- Complete demo existing retaining wall at SunTrust
- Continue pre-excavation for bridge cap
- Continue retaining wall at SunTrust
- Continue gas main relocation
- Begin drilling for abutment pile installation
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection (continued)

Significant lane closures this week (nighttime)

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

• Rt. 29 triple lane closures northbound and southbound
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Rio Grade-Separated Intersection (continued)

Work next two weeks

- Continue storm drain and BMP installation SW quadrant
- Continue 18” water main relocations
- Continue 24” water main relocations
- Continue gas main relocation
- Continue drilling and abutment pile installation
- Begin wall pile installation
- Continue retaining wall at SunTrust
Agenda item 4: 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
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Rt. 29 Widening

Work this week

- Continue installation of E&S
- Complete SBL barrier wall installation
- Shift traffic
- Place fill in median

Significant lane closures this week (nighttime)

- Route 29 inside lane closure NB and SB
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Rt. 29 Widening (continued)

Work next two weeks

• Install temporary barrier SBL
• Place fill in median
• Test bores for signal and overhead structure foundations

Anticipated significant upcoming lane closures (nighttime)

• Route 29 inside lane closure NB and SB
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Berkmar Extended

Work this week

- Archaeological data recovery
- Erosion control installation
- ROW offers

Significant lane closures this week (nighttime)

- None
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Berkmar Extended (continued)

Work next two weeks
• Archaeological data recovery
• Erosion control installation
• ROW offers

Anticipated significant upcoming lane closures (nighttime)
• None
Agenda item 4: Rt. 29 Solutions Project Updates (continued)

Hillsdale Extended

• VDOT meeting with City October 16.

• Philip meeting with City October 21.
Agenda item 5: TODS Program and Plan Layout

35 of 38 qualifying businesses will participate in the program

There will be a total of 26 sign structures

TODS signs have been ordered

Installation of structures begins this week

All signs expected to be up before October 30, 2015

Note: Layouts on following slides include names of 3 businesses that did not apply and are not be part of the no-cost construction program.

Google web link:

https://www.google.com/maps/d/viewer?mid=zkIL9WNXAgek.kozclJ4v-uW0
Agenda item 5: TODS Program and Plan Layout (continued)

Rt 29 Southbound
- 8 signs before Woodbrook
- 2 signs between Woodbrook and Myers Drive

Rt 29 Northbound
- 3 signs before Branchlands
- 4 signs between Branchlands and Fashion Square Drive
- 1 sign before Gardens Boulevard
- 3 signs between Gardens Boulevard and Woodbrook

Trailblazer signs
- 5 (1 each at Woodbrook, Berkmar, Hillsdale; 2 at Rio in different locations)
Stars are businesses within the construction zone

Circles are businesses outside the construction zone

Red represents the businesses that have not yet applied

Green represents businesses that have applied

Blue represents businesses that are currently participating in the TODS Program

Purple signs are existing signs

Yellow squares are proposed new signs
US 29 From Carrsbrook Dr to Woodbrook Dr. This is the northern most area.
US 29 From Woodbrook Dr to Rio Rd.
US 29 Rio Road Project TODS Plan

Area 3

US 29 From Rio Rd to Dominion Dr.
US 29 Rio Road Project TODS Plan

Area 4

US 29 From Dominion Dr to Westfield Rd. This is the southern most area.
Area 5

Hillsdale Dr at Rio Rd
Agenda item 5: TODS Program and Plan Layout (continued)

US 29 Southbound

• 8 signs before Woodbrook
• 2 signs between Woodbrook and Myers Drive
Agenda item 5: TODS Program and Plan Layout (continued)

US 29 Southbound

8 signs before Woodbrook

- 1 Straight Ahead
- 4 for Woodbrook Drive
- 3 for Rio Road
US 29 Rio Road Project TODS Plan

Sign #1  US 29 SB
Straight Ahead

This sign will be located prior to Woodbrook Dr.

All have applied.

38.09400
-78.46714

25’ in front of the Utility Pole.

Area 1

Phase 1

Phase 2

Final

The Food symbol may be added to the individual Food business’ panel.

10/13/2015
Sign #2  US 29 SB  
Left at Woodbrook Dr

All have applied.

38.092536
-78.467985

Combined with the Wrong Way sign, which will be attached to the back of this structure.

Area 1

This sign will be located prior to Woodbrook Dr.

Phase 1

Phase 2

Final

The Food symbol may be added to the individual Food business’ panel.
Sign #3  US 29 SB  
Left and Right at Woodbrook Dr

This sign will be located prior to Woodbrook Dr.

Area 1

Chick-Fil-A and Tropical Smoothie are currently participating. Brick Oven and Kohr Brothers have applied.

38.092291
-78.468118

150’ past the Wrong Way sign structure.

The Food symbol may be added to the individual Food business’ panel.
Sign #4  US 29 SB
Right at Woodbrook Dr

This sign will be located prior to Woodbrook Dr.

Kroger did not apply.

38.091336
-78.468670

25’ past the AMF entrance.

The Food symbol may be added to the individual Food business’ panel.
Sign #5  US 29 SB
Right at Woodbrook Dr

This sign will be located prior to Woodbrook Dr.

Both have applied.

38.090716
-78.469052

150’ past the VDOT sign and 150’ in front of the existing TODS structure.

Area 1

The Food symbol may be added to the individual Food business’ panel.

10/13/2015
US 29 Rio Road Project TODS Plan

Sign #6 US 29 SB
Left at Rio Rd - will become Follow Detour in Phase 2

Taco Bell, Thai 99, and Fabio’s NY Pizza have applied. Jump did not apply.

38.090414
-78.469218

Existing TODS structure.
This sign will be located prior to Woodbrook Dr.

Area 1

The Food symbol may be added to the individual Food business’ panel.
US 29 Rio Road Project TODS Plan

Sign #7  US 29 SB
Left at Rio Rd - will become Follow Detour in Phase 2

Phase 1

Phase 2

Area 1

All have applied.

38.08974  
-78.46962

50’ in front of the guardrail.

This sign will be located prior to Woodbrook Dr.

The Food symbol may be added to the individual Food business’ panel.
US 29 Rio Road Project TODS Plan

Sign #8  US 29 SB
Left at Rio Rd - will become Follow Detour Phase 2

All have applied.

38.08846
-78.47036

120’ in front of I 64
Sign.

This sign will be located prior to Woodbrook Dr.

The Food symbol may be added to the individual Food business’ panel.

Phase 1

Phase 2

Final

Area 1
Sign #9  Woodbrook Dr
Left into Rio Hill Shopping Center

Note: This is a trailblazer sign for the businesses inside Rio Hill Shopping Center.

38.08858
-78.47155
Existing sign and structure. No change needed.
Agenda item 5: TODS Program and Plan Layout

US 29 Southbound

2 signs between Woodbrook and Myers Drive

• 1 for Twentyninth Place
• 1 for Fashion Square Drive
US 29 Rio Road Project TODS Plan

Sign #10  US 29 SB
Right at 29th Place

This sign will be located just past Woodbrook Dr.

Pizza Hut did not apply.

38.08737
-78.47095

100’ past the 29 Project sign.

Area 2

The Food symbol may be added to the individual Food business’ panel.

10/13/2015
Firehouse Subs is currently participating. Carmello’s is currently participating in the NB direction only. McDonald’s and Jason’s Deli have applied.

38.08698 -78.47118

150’ in front of existing TODS sign. Foundation for one post is existing.

The Food symbol may be added to the individual Food business’ panel.
Sign #12  US 29 SB
Left at Fashion Square Dr

This sign will be located just past Woodbrook Dr.

Jimmy John’s is currently participating. Red Lobster, Fashion Square and Red Robin have applied.

38.08702 -78.47116

Existing TODS Structure.

Area 2

The Food symbol may be added to the individual Food business’ panel.

10/13/2015
Agenda item 5: TODS Program and Plan Layout

US 29 Northbound

- 3 signs before Branchlands Boulevard
- 4 signs between Branchlands and Fashion Square Drive
- 1 sign before Gardens Boulevard
- 3 signs between Gardens Boulevard and Woodbrook
Agenda item 5: TODS Program and Plan Layout

US 29 Northbound

3 signs before Branchlands Boulevard

• 1 Straight Ahead

• 2 for Twentyninth Place
US 29 Rio Road Project TODS Plan

Sign #13  US 29 NB
Straight Ahead

This sign will be located prior to Branchlands Blvd.

All have applied.

38.07300
-78.48140

100’ in front of where sign #14 will be.

Area 4

The Food symbol may be added to the individual Food business’ panel.
Carmello's and Firehouse Subs are currently participating. McDonald's and Jason's Deli have applied.

38.07322 -78.48121

100' in front of sign #15.

Area 4

The Food symbol may be added to the individual Food business’ panel.
US 29 Rio Road Project TODS Plan

Sign #15 US 29 NB
Left at 29th Place

This sign will be located prior to Branchlands Blvd.

Starbucks has applied. Pizza Hut did not apply.

38.07346
-78.48101

Existing Rt Turn Must Turn
Rt sign will be removed. Use this location. Add the Wrong Way sign to the back of this structure.

Area 4

The Food symbol may be added to the individual Food business’ panel.

10/13/2015
Agenda item 5: TODS Program and Plan Layout

US 29 Northbound

4 signs between Branchlands and Fashion Square Drive

- 1 for Fashion Square Drive
- 1 for Berkmar Drive
- 1 Straight Ahead
- 1 for Rio Road
Sign #16  US 29 NB
Right at Fashion Square Dr

This sign will be located just past Branchlands Blvd.

All have applied.

38.07427
-78.48034

150’ in front of sign #17.

Area 4

The Food symbol may be added to the individual Food business’ panel.
US 29 Rio Road Project TODS Plan

Sign #17 US 29 NB
Left at Berkmar Dr - Will become a Straight Ahead

This sign will be located just past Branchlands Blvd.

All have applied.

38.07462
-78.48002

Current TODS sign for Carmello’s and Firehouse Subs.

Area 4

The Food symbol may be added to the individual Food business’ panel.

10/13/2015
Sign #18 US 29 NB
Straight Ahead

This sign will be located just past Branchlands Blvd.

All have applied.

38.07500 -78.47969

Existing TODS structure for Jimmy John’s.

Area 4

The Food symbol may be added to the individual Food business’ panel.

Phase 1

Phase 2

Final
Sign #19  US 29 NB
Right at Rio Rd

This sign will be located just past Branchlands Blvd.

Jimmy John’s is participating. Fresh Market and ACAC have applied.

38.07513  -78.47958
100’ past existing TODS structure for Jimmy John’s, sign #18.

Area 4

The Food symbol may be added to the individual Food business’ panel.
NOTE: TODS trailblazer for Hardee’s, Wendy’s, and Hess.

38.08467
-78.47763

In between the two detour signs. Place on wood structure and trim the tree back. Will be removed after the project has been completed.
Sign #21 Rio Rd EB
Right onto US 29

Note: TODS trailblazer for Hardee’s, Wendy’s, and Hess.

38.08258
-78.47452

Combine with the Rt Lane Must Turn Rt sign. Wood post that is leaning, but will be fixed. The Trailblazers will be removed at the end of the project.

10/13/2015
Agenda item 5: TODS Program and Plan Layout

US 29 Northbound

1 sign before Gardens Boulevard

• 1 for Gardens Boulevard
Taco Bell, Fabio’s NY Pizza, and Thai 99 have applied. Jump Charlottesville did not apply.

38.08454
-78.47199

Existing TODS sign being changed to direct traffic to the right for Gardens Blvd.

The Food symbol may be added to the individual Food business’ panel.
Agenda item 5: TODS Program and Plan Layout

US 29 Northbound

3 signs between Gardens Boulevard and Woodbrook

• 3 for Woodbrook; 1 with Straight Ahead panel
Chick-Fil-A and Tropical Smoothie are currently participating. Brick Oven has applied. Kroger did not apply.

38.08566
-78.47135

100’ in front of the Airport Sign.

The Food symbol may be added to the individual Food business’ panel.

10/13/2015
US 29 Rio Road Project TODS Plan

Sign #24 US 29 NB
Left at Woodbrook Dr

This sign will be located prior to Woodbrook Dr.

All have applied.

38.08643
-78.47092

The Food symbol may be added to the individual Food business’ panel.

Area 2
US 29 Rio Road Project TODS Plan

Sign #25  US 29 NB
Left and Right at Woodbrook Dr and a Straight Ahead

Phase 1
Phase 2

Final

Area 2

Rhett’s River Grill is currently participating. Al Carbon, Sam’s Kitchen, and Rio Hill have applied.

38.08687 -78.47065

The Food symbol may be added to the individual Food business’ panel.

10/13/2015
Route 29 Solutions

Agenda item 5:  TODS Program and Plan Layout

Additional Trailblazers
Sign #26  Hillsdale Dr EB
Left at Rio Rd - Detour for Phase 2

Phase 1
No Sign

Phase 2
No Sign

Note: TODS trailblazer for Albemarle Square businesses during the 103 Days of Phase 2.

38.07408
-78.46880

Place at the start of the turning lane on a wood post structure.

10/13/2015
US 29 Rio Road Project TODS Plan

Sign #27  Rio Rd WB
Right into Albemarle Square - Detour for Phase 2

TODS sign for Albemarle Square businesses during the 103 Days of Phase 2. Wood post structure.

38.07910
-78.47207

Area 3
Agenda item 6: New Business and Wrap Up
Agenda item 7: Adjourn
Rt. 29 Solutions Project Delivery Advisory Panel

October 15, 2015