



Advisory Panel Meeting 4

May 8, 2014

Agenda

AGENDA

Rt. 29 Advisory Panel Meeting 4
May 8, 2014
1:00 pm

Virginia Center for Transportation Innovation and Research
530 Edgemont Road
Charlottesville, Virginia 22903

- | | |
|--|------------|
| 1. Introductions
Advisory Panel Members | 5 minutes |
| 2. Review Public Comments
Philip Shucet | 5 minutes |
| 3. Review Draft Recommended Concept Package
Philip Shucet | 45 minutes |
| 4. Open Discussion
Advisory Panel | 45 minutes |
| 5. CTB Meetings - May and June
Philip Shucet | 10 minutes |
| 6. Wrap up
Advisory Panel
Philip Shucet | 10 minutes |



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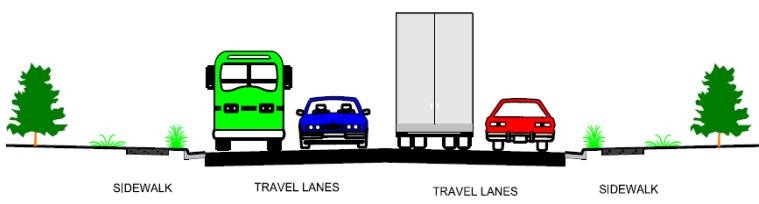
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**Recommended Concept
Solution Package**

Route 29 Solutions: Recommended Concept Solution Package



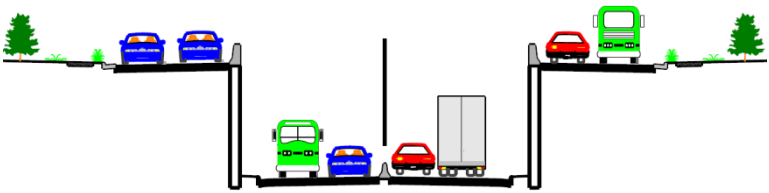
Proposed Berkmar Drive Extension Construct New Roadway



Route 29 Widening Polo Grounds Rd to Town Center Dr. Add 1 Lane within Existing RW

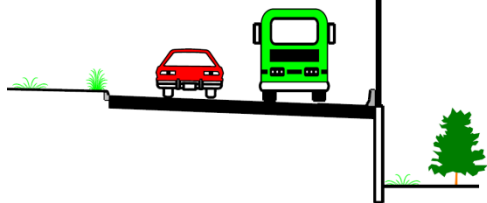


Proposed Route 29/ Rio Road Grade Separated Intersection within Existing RW



Hydraulic Road Grade Separated Intersection Fund Preliminary Engineering Only

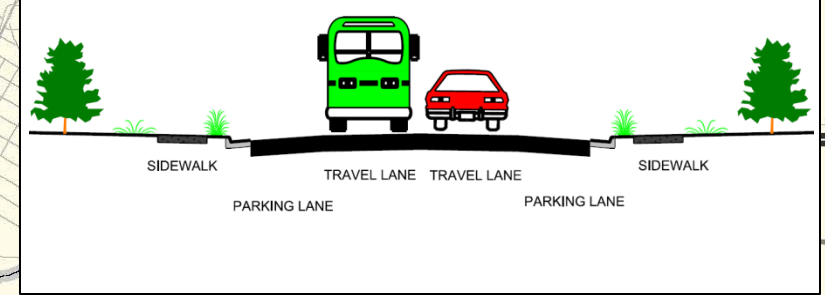
Best Buy Ramp Construct 2nd Lane and Merge Lane



SYIP Programmed Projects (Cost to Complete)		
• Best Buy Ramp	\$ 6M	\$43 M
• Hillsdale Dr Extension	\$16M	
• Route 29 Widening, Polo Grounds to Town Center Dr	\$18M	
• Adaptive Signal Time Improvements	\$ 3M	
Proposed Construction Program		
• Hillsdale Dr Extension to Holiday Dr	\$10M	\$145 M
• Berkmar Dr Extension	\$54M	
• Route 29/ Rio Road Grade Separated Intersection	\$81M	
Preliminary Engineering (PE) Only		
• Route 29/ Hydraulic Rd Grade Separated Intersection	\$10M	\$10 M
Amtrak Regional Service – Lynchburg to D.C. (Fund 25% of Additional Trainset)		
		\$5 M

Total Concept Package = \$203 M

Hillsdale Drive Extension Construct New Roadway





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**Elements of the
Recommended Concept
Solution Package**

Route 29 Solutions:
Recommended Concept Solution Package



Status / Recommendation	Concept Elements	Remaining Cost to Complete (\$Millions)	SYIP	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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Route 29 Solutions:

Example Rendering of Grade Separated Interchange

Rio Road – Figure 1 of 3



Existing approach to Rio Road Intersection



Conceptual approach to Rio Road Intersection



5/07/14

Route 29 Solutions:

Example Rendering of Grade Separated Interchange

Rio Road – Figure 2 of 3



Existing approach to Rio Road Intersection



Conceptual approach to Rio Road Intersection



Route 29 Solutions:

Example Rendering of Grade Separated Interchange

Rio Road – Figure 3 of 3



Existing Rio Road Intersection



Conceptual Rio Road Intersection










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LOS with & without Rio Rd Grade Separation

LOS	2014	2025	2035
A		Through Traffic – Build 	
B			
C		Local Traffic – Build 	
D	No-Build Through and Local Traffic 		
E			
F			