Exit 140 Diverging Diamond Interchange and Route 630 (Courthouse Road) Widening Stafford County

May 17, 2017
Project Team

• Virginia Department of Transportation
• Shirley Contracting Company, LLC
• Dewberry Consultants, LLC
• Stafford County
Project Leadership

Randy McKinney, P.E., VDOT Area Construction Engineer
Chuck Smith, Vice President, Shirley Contracting Company, LLC
Steve Kuntz, P.E., Associate Vice President, Dewberry, LLC
Tonight’s Agenda

- Project location
- Fast facts and traffic counts
- Project improvements
- What drivers can expect during construction
- How you can stay informed
- Audience questions
Project Fast Facts

Cost:
$149.4 million (interchange)
$35.9 million (widening)

Contract award:
$99.9 million

Work zone:
Route 1 to Ramoth Church Road, 3.5 miles

Project start: July 2017
Project completion: July 2020
Traffic Counts in 2017

I-95 at Exit 140:
134,000 vehicles a day

Rt. 1 traffic:
14,000 vehicles a day

Courthouse Road from Rt. 1 to I-95:
17,000 vehicles a day

Courthouse Road from I-95 to Shelton Shop Road:
10,000 vehicles a day
Project Highlights

• Interstate 95 at Exit 140 (Courthouse Road)
  • Diverging Diamond Interchange design
  • Moves Courthouse Road and Route 1 intersection south to Hospital Center Boulevard
  • Wider Courthouse Road with more vehicle capacity
  • Commuter lot moves east of I-95

• Courthouse Road Widening
  • Widens road to 4 lanes from Cedar Lane to Ramoth Church Road and Winding Creek Road
  • New traffic signals at:
    • Ramoth Church and Winding Creek roads
    • Colonial Forge High School and Liberty Knolls entrance
Courthouse Road Widening: Ramoth Church Road and Winding Creek Road
Colonial Forge High School
New Traffic Signal
Rockdale Road and Kelsey Road
Typical Section: Courthouse Road after Widening

- Median may be grass or concrete
- 5 foot sidewalk to be built south of Courthouse Road near Colonial Forge High School
Exit 140
Diverging Diamond Interchange
Park & Ride Lot

- **No change** for commuters until summer 2018
- Current lot with 545 spaces remains open through summer 2018
- At least 545 spaces will open in new lot location east of I-95
- Minor traffic shifts in lot as construction completes
New Park & Ride Lots
# Overall Project Schedule

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Pardon Our Dust” Public Meeting</td>
<td>May 17, 2017 6-8 p.m. Colonial Forge High School</td>
</tr>
<tr>
<td>Courthouse Road widening begins</td>
<td>July 2017</td>
</tr>
<tr>
<td>Temporary traffic signal, pedestrian crossing activated at Colonial Forge High School</td>
<td>August 2017</td>
</tr>
<tr>
<td>Interchange and Park &amp; Ride lot construction begins</td>
<td>Fall 2017 – Early 2018</td>
</tr>
<tr>
<td>Temporary Park &amp; Ride commuter lot opens east of I-95</td>
<td>Summer 2018</td>
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</tbody>
</table>
# Overall Project Schedule

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<th>Milestone</th>
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<tbody>
<tr>
<td>Courthouse Road 4-lane section complete</td>
<td>December 20, 2019</td>
</tr>
<tr>
<td>Courthouse Road widening complete</td>
<td>July 2020</td>
</tr>
<tr>
<td>Final Park &amp; Ride commuter lots open east of I-95</td>
<td>July 2020</td>
</tr>
<tr>
<td>New Exit 140 diverging diamond interchange complete</td>
<td>July 2020</td>
</tr>
</tbody>
</table>
What can drivers expect during construction?

- **Most construction will occur during daytime hours, generally 6 a.m. to 6 p.m.**
- **Courthouse Road will have an eastbound and westbound lane open during peak travel times.**
- **During midday and overnight hours, Courthouse Road may be reduced to a single lane, with a flagging crew directing alternating, one-way traffic.**
- **Weekend work will be used as makeup days due to weather.**
- **Speed limit will be reduced from 40 mph to 35 mph during construction.**
- **Nighttime operations will result in noise impacts.**
“No Surprises” philosophy

Communications plan includes:
- Community meetings at every stage
- Message boards
- Paid advertising
  - Print, radio and theater at key project milestones
- Email newsletters
- Social media
- One-on-one customer service
Key audiences

- Emergency responders
- Stafford County Public Schools
- Residents
- Businesses
- Student drivers and driver’s education teachers
- Schools in the corridor – Colonial Forge High School, Rodney Thompson Middle School and Winding Creek Elementary
- Government Center and Public Safety Center employees
- I-95 travelers and county visitors
VDOT Communications Team

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