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Woodrow Wilson Bridge Project

Virginia Traffic Changes: Mid-2006 to Mid-2007

Woodrow Wilson Bridge Project
May 23, 2006

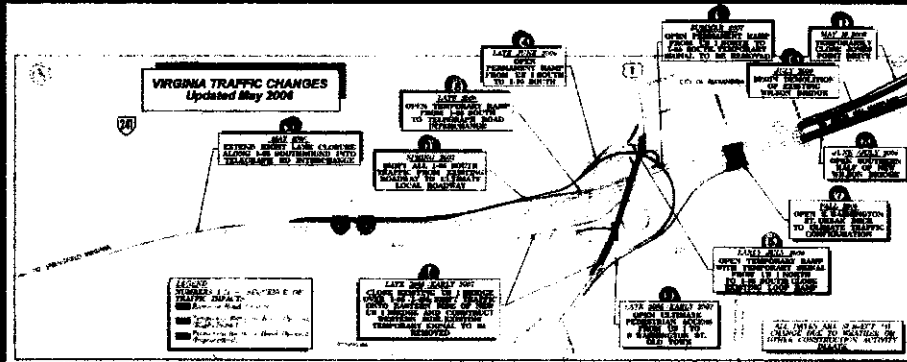


Woodrow Wilson Bridge Project

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Potomac Crossing Consultants

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Potomac Crossing Consultants



Permanent Ramp or Road Opening (Improvement):
 decrease in delays/travel times expected
 improved shoulders or access, turning lanes
 opened, etc.

Temporary Ramp or Road Opening (Slight Impact):
 increase in delays/travel times expected, low or
 speeds, narrow or temporary ramp, lane shift,
 new temporary traffic signal, new exit or merge
 condition, etc.

Ramp or Road Closure: major ramp or roadway
 closure, extended lane closure, significant lane
 shift, etc.

Extend Right Lane Closure along I-95 South

Anticipated City impacts:

- No notable impacts

IC CHANGES
Updated May 2006

Why?

- Construction of new I-95 South tie-in near Telegraph Rd interchange

Map Callouts:

- 1. LATE JUNE 2006 OPEN PERMANENT RAMP FROM US 1 SOUTH TO I-95 SOUTH
- 2. LATE 2006 OPEN TEMPORARY RAMP FROM I-95 SOUTH TO INTERCHANGE
- 3. MAY 2006 EXTEND RIGHT LANE CLOSURES ALONG I-95 OVERLAPPING INTO TELEGRAPH RD INTERCHANGE
- 4. SPRING 2007 SHIFT ALL I-95 SOUTH TRAFFIC FROM EXISTING ROADWAY TO ULTIMATE LOCAL ROADWAY
- 5. LATE 2006-EARLY 2007 CLOSE EXISTING US 1 BRIDGE OVER I-95 I-95 TRAFFIC TRAFFIC ONTO SOUTHERN SIDE OF NEW US 1 BRIDGE AND CONDUCT WESTERN SIDE EXISTING TEMPORARY SIGNAL TO BE REMOVED
- 6. LATE 2006-EARLY 2007
- 7. LATE 2006-EARLY 2007
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- 100. LATE 2006-EARLY 2007

Open Southern Half of New Wilson Bridge

Anticipated City impacts:

- I-95 in single lane and US 1 ramp closures over two weekends
- Decrease in I-95 peak hour delays
- Slight decrease in delays along US 1 NB in evening peak hours

Why?

- Demolition of existing Wilson Bridge and construction of northern half of new Wilson Bridge

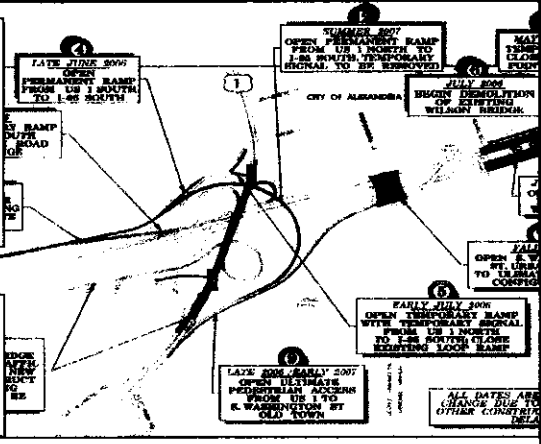
Map Callouts:

- 1. EXISTING BRIDGE TO BE DEMOLISHED
- 2. I-95 TRAFFIC ONTO NEW OUTER LOOP BRIDGE SPAN

Open new ramp from US 1 South to I-95 South;
Close US 1 North loop ramp; add temp signal

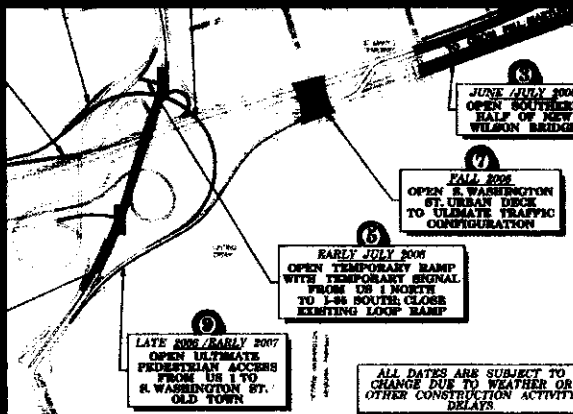
- Anticipated City impacts:**
- Decrease in US 1 SB delays during evening peak hours
 - Will "flip-flop" SB US 1 I-95 ramp access
 - Temp Signal: NB US 1 left turn queuing

- Why?**
- Construction of permanent I-95 South ramps and mainline & new US 1 Bridge over I-95



Open Urban Deck to Ultimate Traffic Configuration

- Anticipated City Impacts:**
- Improved off peak traffic flow – reinstall SB left turn into Hunting Point Towers
 - Continuous pedestrian access along both sides of S. Washington St



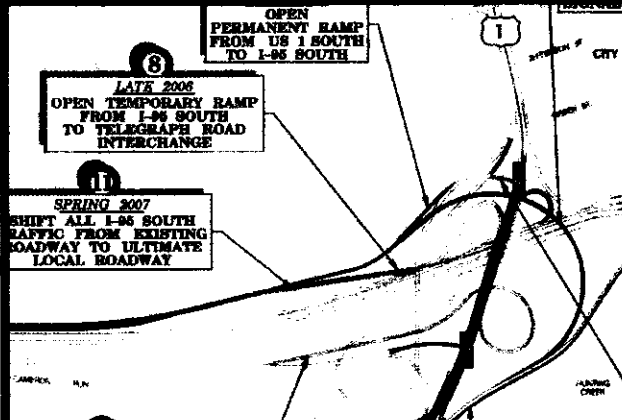
Open Temp Ramp from I-95 South to Telegraph Rd

Anticipated City impacts:

- Potential for add'l morning delays due to proximity of US 1 off ramp
- Requires temp exit signing on new WWB

Why?

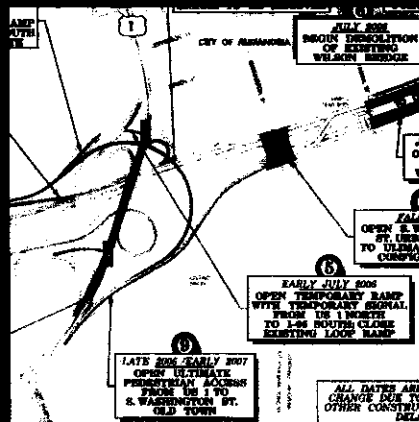
- Construction of new I-95 South tie-in near Telegraph Rd interchange



Open Permanent Pedestrian Access from US 1 to S. Washington St. Old Town

Anticipated City impacts:

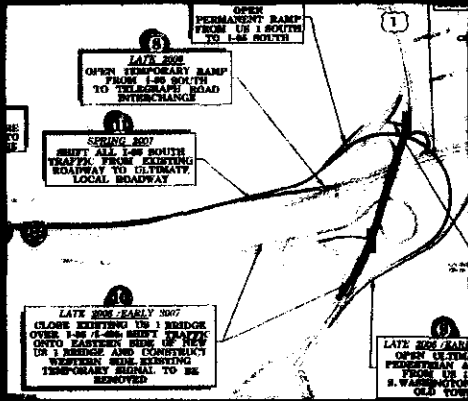
- Significantly improved pedestrian access and safety



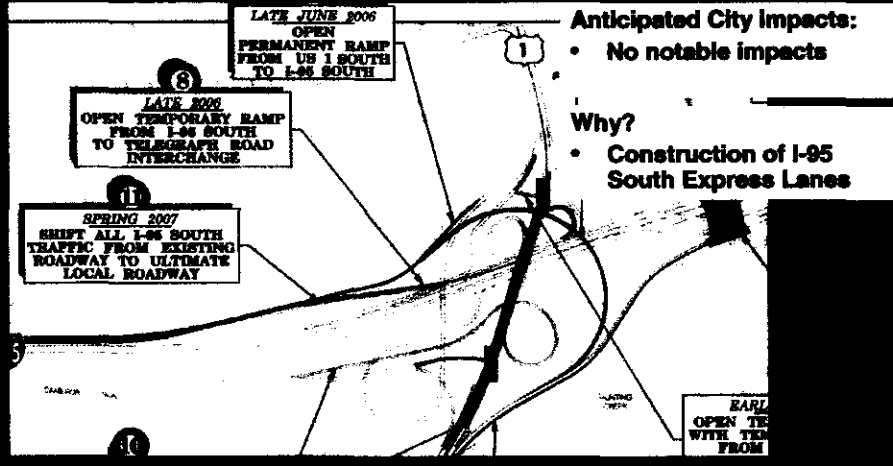
Open new US 1 Bridge over I-95 and Remove Existing Temporary Signal

- Anticipated City impacts:**
- Decrease in evening and off-peak delays along US 1
 - Increase in delays along NB US 1 during morning peak hour

- Why?**
- Demolition of existing US 1 Bridge and construction of western half of new US 1 Bridge



Shift All I-95 South traffic at US 1 interchange



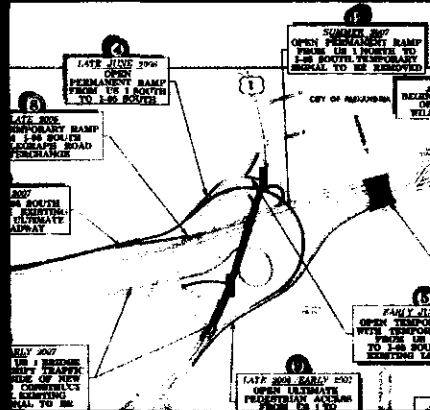
- Anticipated City impacts:**
- No notable impacts

- Why?**
- Construction of I-95 South Express Lanes

Open permanent ramp from US 1 North to I-95 South

Anticipated City Impacts:

- Decrease in NB US 1 peak hour delays



- Sequence construction activities to minimize traffic impacts
- Maintain I-95 Reduced Speed Limit in project corridor
- Enhance Signs and Pavement Markings for clear and positive guidance
- Increase police presence
- Coordinate with City of Alexandria traffic officials (signal timing, etc.)
- Utilize CCTV cameras throughout project corridor

Disseminate Real-Time Traffic Info

- Highway Advisory Radio (1620AM)
- Overhead Variable Message Signs
- www.wilsonbridge.com

Disseminate Scheduled Traffic Info

- 1-877-INFO-WWB
- www.wilsonbridge.com
- Advance lane closure schedule distributed to stakeholders and media
- Portable Variable Message Signs

Audiences

- Local
- Long-Distance Travelers

Messages

- Stay Away During Two Weekends
- One-Lane Beltway AND Several Ramps Closed/Detoured
- Fight the Curiosity Factor
- Significant Heavier Traffic Impact during July Switch (MD into VA)
- www.wilsonbridge.com

VDOT

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May-July 2006
Drive-Time Radio
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