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3-22-05

Woodrow Wilson Bridge Project US 3 Traffic Impacts 2005-2006

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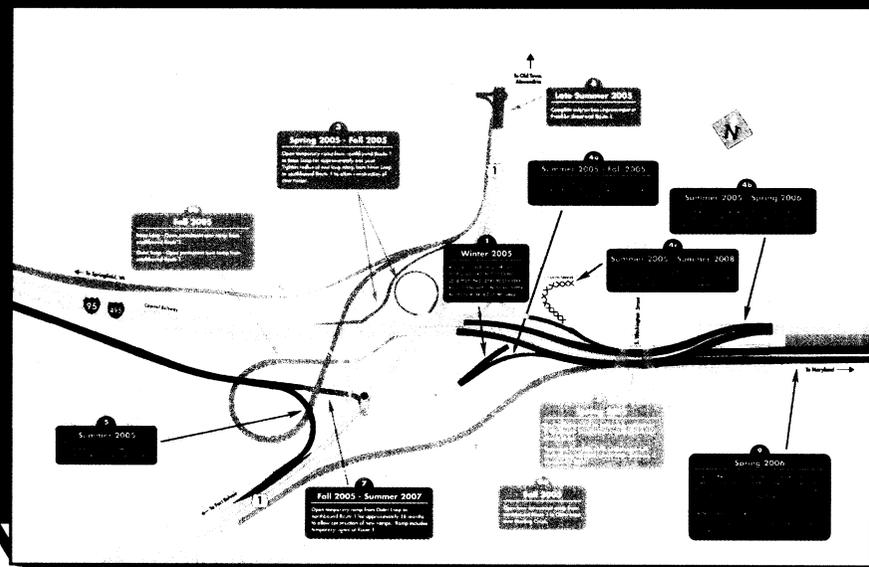
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March 22, 2005



Overview of Traffic Impacts



Traffic Impact Map

Improvement: decrease in delays/travel times expected; opening new ramp/roadway; improved shoulders

L **Low:** slight increase in delays/travel times expected; lower speed, narrow or temporary ramp; slight lane shift, new temporary traffic signal

Moderate: modest increase in delays/travel times expected; considerable lane shift; new merge point with minimal acceleration lane

Severe: substantial increase in delays/travel times expected; significant lane shift



February 2003

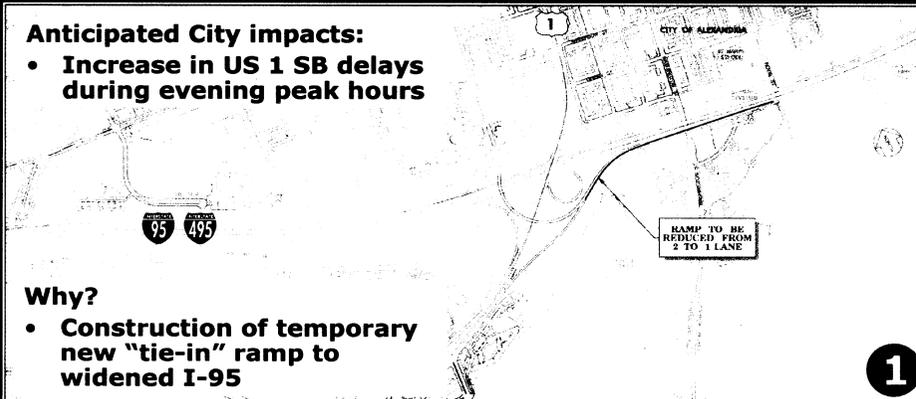
US 1 Ramps to I-95 NB Reduced to 1 Lane

Anticipated City impacts:

- Increase in US 1 SB delays during evening peak hours

Why?

- Construction of temporary new "tie-in" ramp to widened I-95



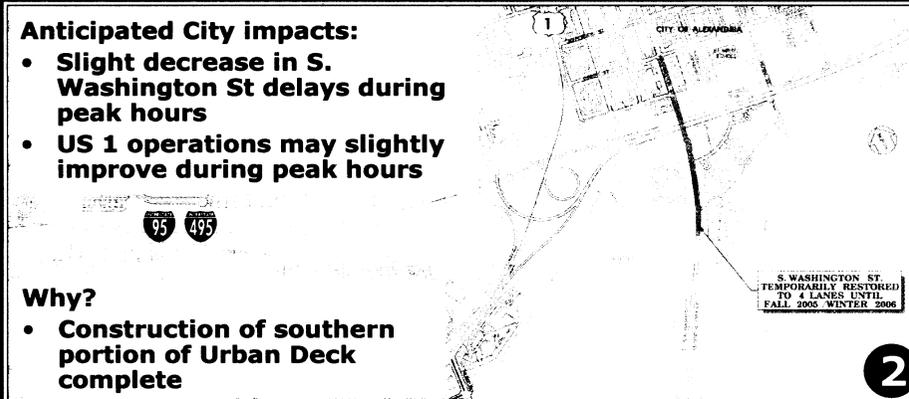
S. Washington St Temporarily Restored to 4 Lanes

Anticipated City impacts:

- Slight decrease in S. Washington St delays during peak hours
- US 1 operations may slightly improve during peak hours

Why?

- Construction of southern portion of Urban Deck complete



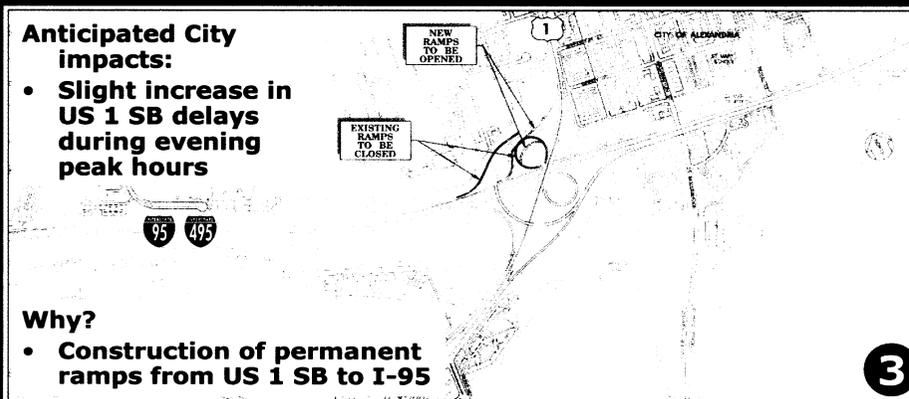
US 1 SB Ramp to I-95 SB and I-95 SB Ramp to US 1 SB Relocated

Anticipated City impacts:

- Slight increase in US 1 SB delays during evening peak hours

Why?

- Construction of permanent ramps from US 1 SB to I-95



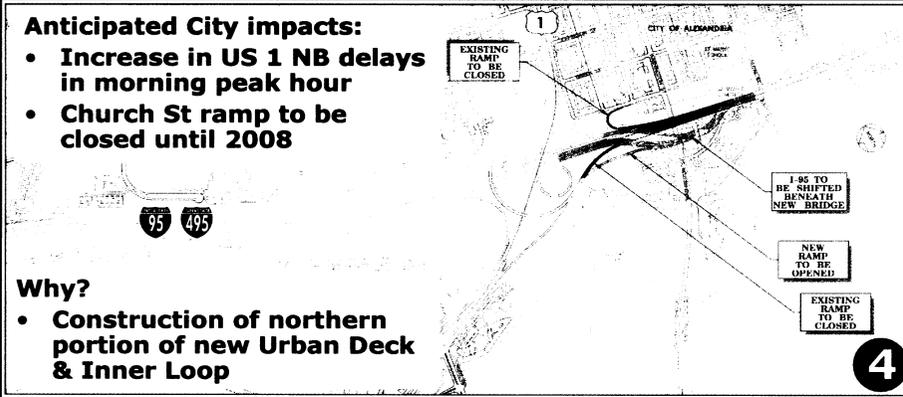
I-95 Lane Shift

Anticipated City impacts:

- Increase in US 1 NB delays in morning peak hour
- Church St ramp to be closed until 2008

Why?

- Construction of northern portion of new Urban Deck & Inner Loop



VDOT

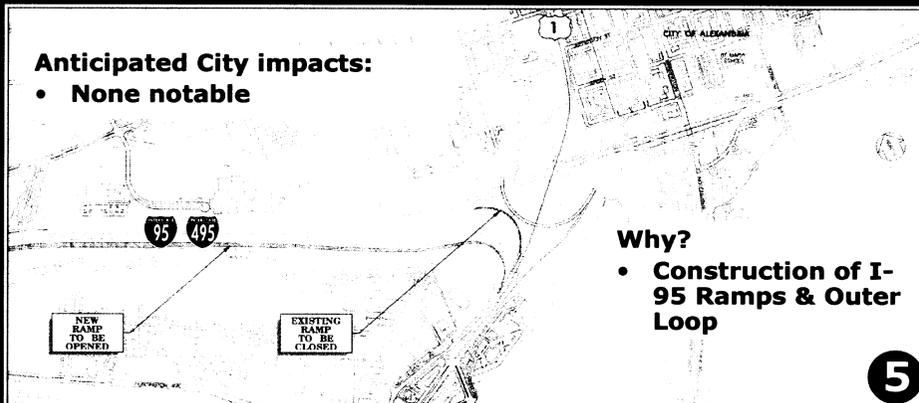
New Ramp Opened from I-95 NB to US 1 SB

Anticipated City impacts:

- None notable

Why?

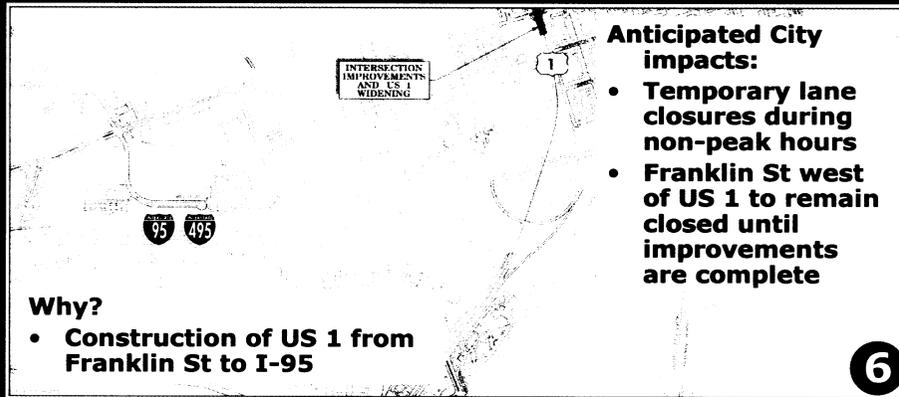
- Construction of I-95 Ramps & Outer Loop



VDOT

Early Summer 2005

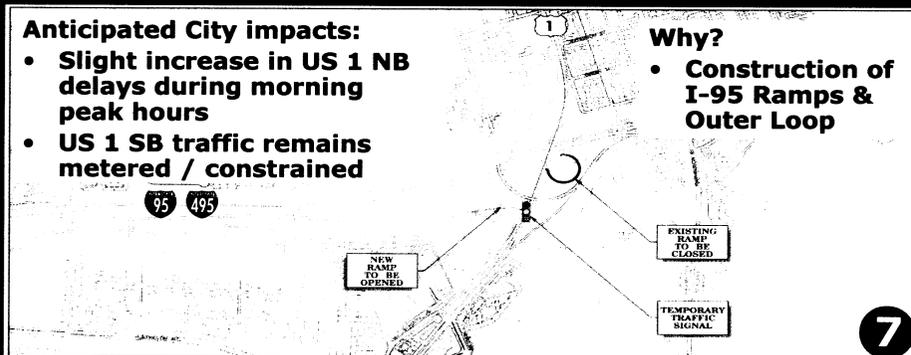
US 1 / Franklin St Intersection Improvements



VDOT

Fall 2005

US 1 Temporary Signal



VDOT

L

FALL 2005

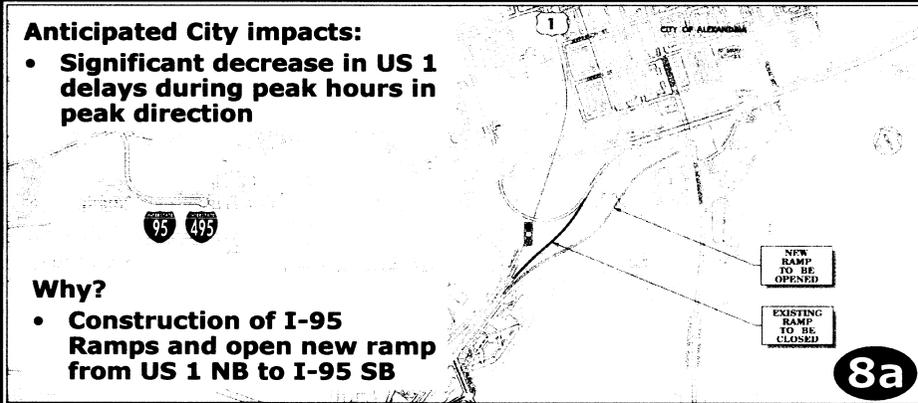
US 1 NB Ramp to I-95 NB Relocated

Anticipated City impacts:

- Significant decrease in US 1 delays during peak hours in peak direction

Why?

- Construction of I-95 Ramps and open new ramp from US 1 NB to I-95 SB



FALL 2005

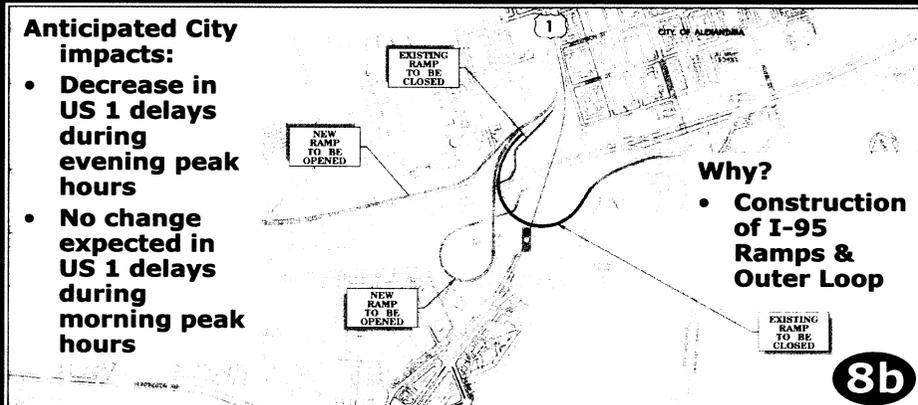
New Ramps Opened from US 1 SB to I-95

Anticipated City impacts:

- Decrease in US 1 delays during evening peak hours
- No change expected in US 1 delays during morning peak hours

Why?

- Construction of I-95 Ramps & Outer Loop



Spring 2005

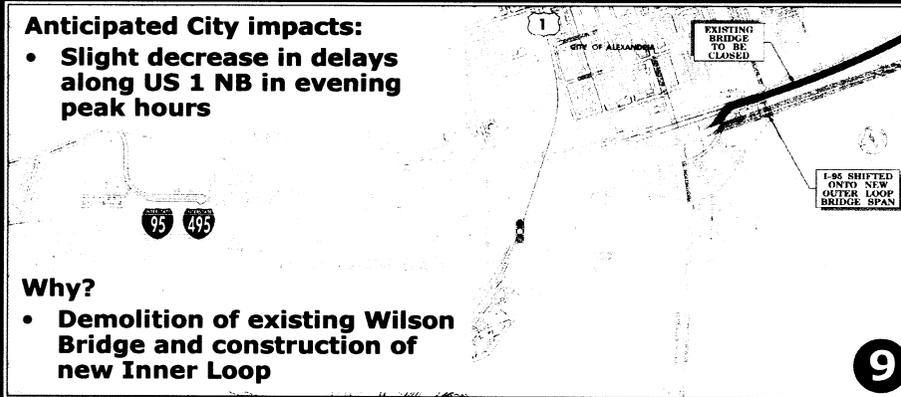
I-95 Shifted onto New Wilson Bridge

Anticipated City impacts:

- Slight decrease in delays along US 1 NB in evening peak hours

Why?

- Demolition of existing Wilson Bridge and construction of new Inner Loop



VDOT

Mitigation Measures

- Sequence construction activities to minimize traffic impacts
- Reduce I-95 Speed Limit in project corridor to 50 MPH in May 2005
- 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 including one at US 1 interchange
 - Two additional CCTV cameras along US 1 corridor (proposed)

VDOT

Highway Measures

- Disseminate Real-Time Traffic Information
 - Highway Advisory Radio (1620AM)
 - Overhead Variable Message Signs
 - www.wilsonbridge.com
 - *Email List (proposed)*
 - *Portable Variable Message Signs with cell phone capability (proposed)*
- Disseminate Scheduled Traffic Information
 - 1-877-INFO-WWB
 - www.wilsonbridge.com
 - Advance lane closure schedule distributed to stakeholders and media



Key Messages to Commuters / Community

- Plan for changes at US Route 1 & Beltway
- Significant Heavier Traffic Impact: Summer 2005
- New Bridge opening late May 2006
- Promote alternative routes and modes
- Commuter-considerate steps & resources



Commuter Alternatives

- **Modes**

- **Bridge Bucks**

- \$50/month for rail, bus or vanpool
- WWB area commuters
- Program renewed for 2005

- **COG Commuter Connections, Metrorail/bus, DASH, Connector & telework**

- **Routes**

- S. Washington St, Telegraph Rd, I-95



1-877-INFO-WWB

1-877-463-6992

www.wilsonbridge.com



CONSTRUCTION & THE CITY OF ALEXANDRIA



March
2005

20
3-22-05

Building safely and efficiently, while maintaining local neighbors' quality of life, continues to be a central focus for the Woodrow Wilson Bridge Project. With construction now in high gear, work is very evident to nearby Alexandria residents and unavoidable, periodic impacts are occurring. By continuing to work closely with City of Alexandria officials and citizens in adjacent neighborhoods, the project is striving to address and manage those impacts.

With the project on schedule to open the first new bridge and tie-in to the Capital Beltway by spring 2006, traffic-affecting changes and improvements are occurring throughout the project corridor, particularly in the U.S. Route 1 and Washington Street vicinity. During 2005-2006, local drivers will experience interim traffic changes, which are necessary to move forward with construction, as well as permanent traffic improvements, such as the opening of new ramps.

MAJOR ACTIVITIES AFFECTING ALEXANDRIA IN 2005-2006

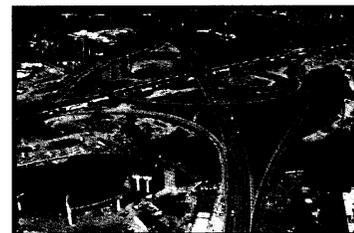
Washington Street

- Four traffic lanes will be temporarily restored on Washington Street between Hunting Creek and Church Street in spring 2005, as construction of the new Washington Street Deck's southern portion is substantially completed. Work on the new deck's northern portion is scheduled to begin in fall 2005, again requiring a temporary three-lane traffic configuration.
- At the following locations, installation of noise wall panels will be completed in spring to fall 2005:
 - Along Church Street and a portion of South Patrick Streets
 - North and west of Hunting Terrace apartments
 - Between Hunting Tower apartments and the Beltway Outer Loop
 - Along southbound Route 1



U.S. Route 1

- New elevated ramps south of the Beltway over Cameron Run/Hunting Creek will be completed in summer/fall 2005.
- New ramps north of the Beltway from Route 1 to the Beltway Outer and Inner Loops will be completed in fall 2005.



Capital Beltway

- Construction of the new Beltway lanes that approach Route 1 from the east will continue, with lanes opening in summer 2005.
- Beltway traffic will be "tied-in" to the newly built southern expansion of the Beltway in summer 2005 by shifting to the south, under the southern portion of the Washington Street overpass, and then back to the existing Beltway alignment.



New Bridge

- Pile driving for the construction of ten foundations, to support the Inner Loop of the Wilson Bridge's Virginia approach, will begin in spring 2005. Remaining pile driving for the new Inner Loop bridge will occur after demolition of the existing bridge.
- New southern span (Outer Loop) of the Woodrow Wilson Bridge will open to two-way traffic in spring 2006. Existing Beltway traffic will be routed onto new bridge, in six travel lanes (three lanes in each direction).



The City of Alexandria's Woodrow Wilson Bridge Project Neighborhood Task Force (NTF), led by Mayor Euille and Councilman Macdonald, and comprised of eight local citizens, serves as an effective means of exchanging information and resolving key Alexandria concerns related to construction issues. As various construction activities occur, the project apprises NTF members of the work, seeks their input and strives to ease construction impacts.

Alexandria Focus

TRAFFIC CHANGES/IMPROVEMENTS IN 2005-2006

(Dates subject to change due to weather and contractor scheduling)

Legend

Inner Loop = I-95S/I-495W toward Springfield, Virginia

Outer Loop = I-95N/I-495E toward Maryland

Numbers 1 - 9 = Sequence of traffic changes/improvements

3

Spring 2005 - Fall 2005

Open temporary ramp from southbound Route 1 to Inner Loop for approximately one year. Tighten radius of exit loop ramp from Inner Loop to southbound Route 1 to allow construction of new ramps.

8b

Fall 2005

Inner Loop - Open permanent new ramp from southbound Route 1.

Outer Loop - Open permanent new ramp from southbound Route 1.

5

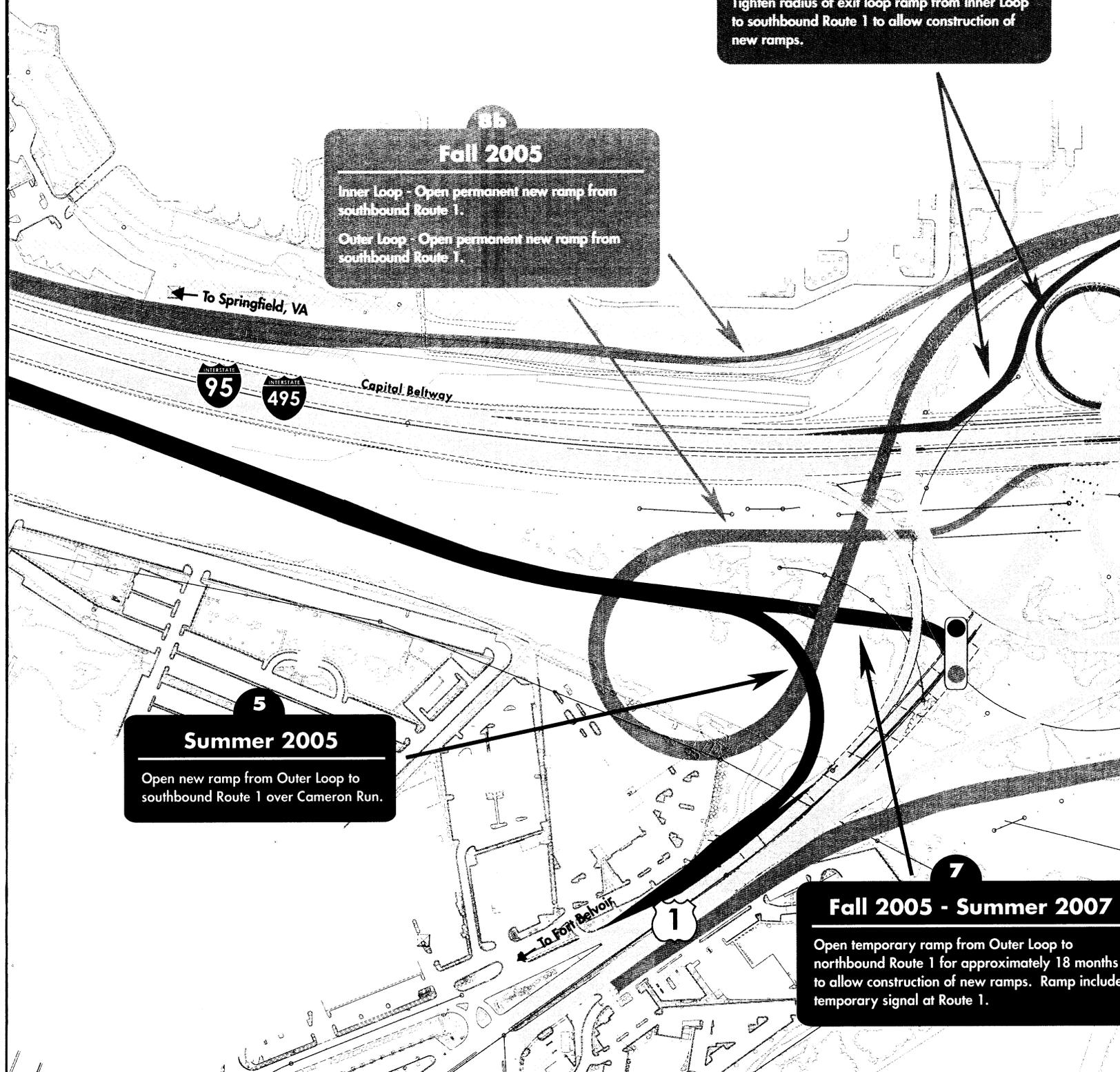
Summer 2005

Open new ramp from Outer Loop to southbound Route 1 over Cameron Run.

7

Fall 2005 - Summer 2007

Open temporary ramp from Outer Loop to northbound Route 1 for approximately 18 months to allow construction of new ramps. Ramp includes temporary signal at Route 1.



To Old Town,
Alexandria

6

Late Summer 2005

Complete intersection improvement at Franklin Street and Route 1.



4a

Summer 2005 - Fall 2005

Shift traffic onto temporary ramp from south and northbound Route 1 to Outer Loop to accommodate "tying-in" traffic to Outer Loop.

4b

Summer 2005 - Spring 2006

Tie-in traffic to newly widened Outer Loop by shifting traffic south under the southern portion of S. Washington Street deck and then back to existing Beltway alignment.

1

Winter 2005

Reduce ramp from south and northbound Route 1 to Outer Loop from two lanes to one lane to accommodate "tying-in" traffic to newly widened Outer Loop.

4c

Summer 2005 - Summer 2008

Close ramp from Inner Loop to Church Street for approximately three years to accommodate work on S. Washington Street and widening of Beltway.



S. Washington Street

To Maryland →

2

Spring 2005

Four traffic lanes will be temporarily restored on S. Washington Street between Hunting Creek and Church Street.

Temporary three-lane traffic configuration will return during fall 2005/winter 2006 until work is completed in 2007.

9

Spring 2006

Open southern span of new Wilson Bridge to two-way traffic. Existing Beltway traffic will be routed onto new bridge, in six travel lanes (three lanes in each direction). Shoulders will provide immediate safety and efficiency benefit.

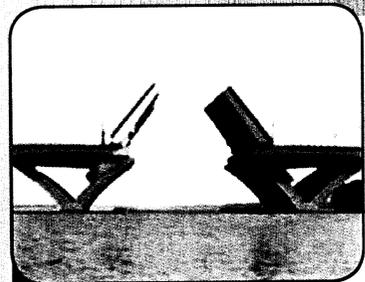
Demolish existing bridge.

Mid 2008, northern span of new Wilson Bridge slated for opening.

8a

Fall 2005

Open new permanent ramp from northbound Route 1 to Outer Loop over Hunting Creek.



RESPECTING NEIGHBORS AND COMMUTERS

The project continues to enforce the following community and commuter sensitive efforts:

Construction Hours and Noise Control:

Most landside construction activities within City of Alexandria limits occur during the following daylight hours:

- Monday through Friday: 7 AM to 6 PM
- Saturday: 9 AM to 6 PM
- Sunday: No work

Pile driving on landside work within City of Alexandria limits can only occur:

- Monday through Friday: 9 AM to 6 PM
- Saturday: 10 AM to 4 PM
- Sunday: No work

Regular work hours may be altered in Alexandria only after approval from the Virginia Department of Transportation (VDOT) and consultation with the City of Alexandria.

Construction that affects traffic on the Capital Beltway is prohibited on federal and state holidays; work not affecting traffic may occur with appropriate approval from VDOT and the City of Alexandria.

Although most noisier construction will occur during daylight hours, certain construction operations will occur during evening/overnight and early morning hours. In the event that after-daylight working hours may exceed specified noise thresholds, special City of Alexandria permits are required and contractors must use reasonable means to reduce the noise.

Current Overnight Work:

Large steel beams – up to 115 feet long and 12 feet tall – needed for the new Outer Loop bridge are being delivered to the project work area in Jones Point Park during overnight hours to avoid conflicts with heavy daytime traffic. These deliveries started in February 2005 and will continue intermittently until summer 2005. To minimize disruptions to nearby residents, police will assist within City limits by escorting the steel delivery trucks.

Designated Haul Routes:

To limit the impact of construction traffic on City streets, established haul routes will remain in effect including US Route 1, Franklin Street, Gibbon Street, Royal Street and Washington Street. Adherence to the posted haul routes will continue to be monitored and enforced. A special City permit must be acquired for access to streets other than the designated haul routes.

Avoiding School Drop-off and Pick-up Times:

Contractors must avoid deliveries and heavy equipment movement during morning drop-off and afternoon pick-up times when using the project's haul route near St. Mary's Catholic School and Lyles Crouch Traditional Academy.

Commuter-Considerate Practices:

- Daily coordination with all project contractors to ensure that traffic-affecting work is timed and sequenced to exert minimal impact on travelers.
- Quick clearing of traffic-clogging incidents through increased presence of state police and motorist assistance patrols.
- Coordination with state and local police to monitor traffic conditions and make refinements as necessary.
- Improved signage and lane markings to help commuters anticipate traffic changes.
- Real-time traffic information through highway message signs and highway advisory radio (1620 AM).

CONTACTS

Woodrow Wilson Bridge Project

Community Relations: Norine Walker, Alex Lee
2901 Eisenhower Avenue, Unit C
Alexandria, VA 22314
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City of Alexandria

Reed Winslow
Woodrow Wilson Bridge Project Coordinator
301 King Street, RM 4130
Alexandria, VA 22314
(703) 548-3180

For the latest project information including traffic changes and construction progress:

www.wilsonbridge.com • 1-877-INFO WWB (463-6992)

Public hours at the Alexandria Project Office every Friday from 10 AM to 4 PM