

Design-Build Projects: Informational Meeting

**US ROUTE 40 (HA2705171) –
Interchange at South Philadelphia
Boulevard (US 40) and Short
Lane (MD 715) BRAC**

US ROUTE 40 (HA2705171)

LIMITS:

- US 40 - east and west of US 40 / MD 715 interchange
- MD 715 from north of US 40 Interchange to the Security Gate at Aberdeen Proving Grounds.

CLASSIFICATION: "I" – \$30,000,001 - \$50,000,000

PROCUREMENT: Low-Bid Design-Build Project

US ROUTE 40 (HA2705171)

INVOLVES:

- ❖ Widening of the MD 715 bridge over US 40 to include an additional lane in each direction
- ❖ Widening of MD 715 to include two additional lanes in each direction from US 40 interchange to Cirelli Ct.
- ❖ Re-stripping to provide three lanes in each direction at the MD 715 bridge over Amtrak
- ❖ Widening of MD 715 to provide three lanes in each direction from Amtrak bridge to North of Aberdeen Proving Grounds (APG) entrance
- ❖ MD 715 and Old Philadelphia Road intersection modification to include exclusive through, right and left movements on Old Philadelphia Road

US ROUTE 40 (HA2705171)

The project consists of the following major elements of work:

- Bridge widening work
- Roadway work
- Retaining walls
- Paving – Base widening and resurfacing
- Transportation Management Plan
- SWM and E&S
- Signing, lighting, pavement marking, signalization
- Landscaping
- Stream work
- Utility relocations

US ROUTE 40 (HA2705171)

Accelerated Construction Start Date:
Shovel in the ground Fall 2010

US ROUTE 40 (HA2705171)

In order to facilitate this aggressive start date SHA is coordinating with Maryland Department of the Environment (MDE) to obtain a permit for this project.

A section of improvements on MD 715 from the MD 715 bridge over Amtrak to North of APG entrance will be 100% permitted for construction by MDE.

The remainder of the project improvements will be conceptually approved as part of this permit and the D-B Team will need to submit a permit modification as the design is finalized.

US ROUTE 40 (HA2705171)

Plans and design files for this 100% permitted section will be provided to the D-B Teams for review, modification and certification for incorporation into the Lump Sum Bid.

NOTE: Modification of these plans may require modification of MDE permit. **However D-B team MUST meet Accelerated Start Date.**

US ROUTE 40 (HA2705171)

UTILITY WORK:

- ❖ IN-CONTRACT
 - ❖ Water
 - ❖ Sewer
 - ❖ Gas (potential)

- ❖ THIRD Party
 - ❖ Telephone / Communication
 - ❖ Electric
 - ❖ Cable
 - ❖ Gas

US ROUTE 40 (HA2705171)

3rd Party Utility Relocation Phasing:

Phase 1 – Improvements from MD 715 bridge over Amtrak to North of APG entrance - 100% permitted for construction section

Phase 2 A – Widening of the west side of MD 715 bridge over US 40 and related US 40 and MD 715 improvements

Phase 2B - Widening of the east side of MD 715 bridge over US 40 and related US 40 and MD 715 improvements

Phase 2C – Improvements to the MD 715 and Old Philadelphia Road intersection

US ROUTE 40 (HA2705171)

3rd Party Utility Relocation Phasing:

Phase 1 - Substantially Complete Utility Relocations Fall 2010

Phase 2 A - Substantially Complete Utility Relocations Early 2011

Phase 2B - Substantially Complete Utility Relocations Summer 2011

Phase 2C - Substantially Complete Utility Relocations Summer 2011

US ROUTE 40 (HA2705171)

PERMITS NEEDED:

- ❖ Erosion and Sediment Control Permit Modification
- ❖ Stormwater Management Permit Modification
- ❖ Airport Certification
- ❖ Tree / Reforestation Permit
- ❖ TCP / MOT Approvals
- ❖ Waterways Permit

OTHER COORDINATION:

- ❖ Aberdeen Proving Grounds
- ❖ City of Aberdeen
- ❖ Harford County
- ❖ St John's Development

Procurement Process

➤ Schedule

- ❖ Anticipated Advertisement – April 27, 2010
- ❖ Proposal Submittal – May/June 2010
- ❖ Bid Opening – July 2010
- ❖ Accelerated Construction Start Date - Fall 2010

Procurement Information

- Performance Based Specifications
- No additional project meetings
- Low Bid Selection
- Electronic Advertisement
 - SHA Website
 - Use of ProjectWise
 - Project Specific Email Address
- Stipend

Design-Build Projects

Questions?