

# US 40 /MD 715 Interchange Improvements

MDOT/SHA Base Realignment and Closure  
(BRAC) Project - Design-Build

## Design-Build Team (DBT):

American Infrastructure of Fallston, MD (Contractor)  
JMT Engineering of Sparks, MD (Designer)





# Meeting Agenda

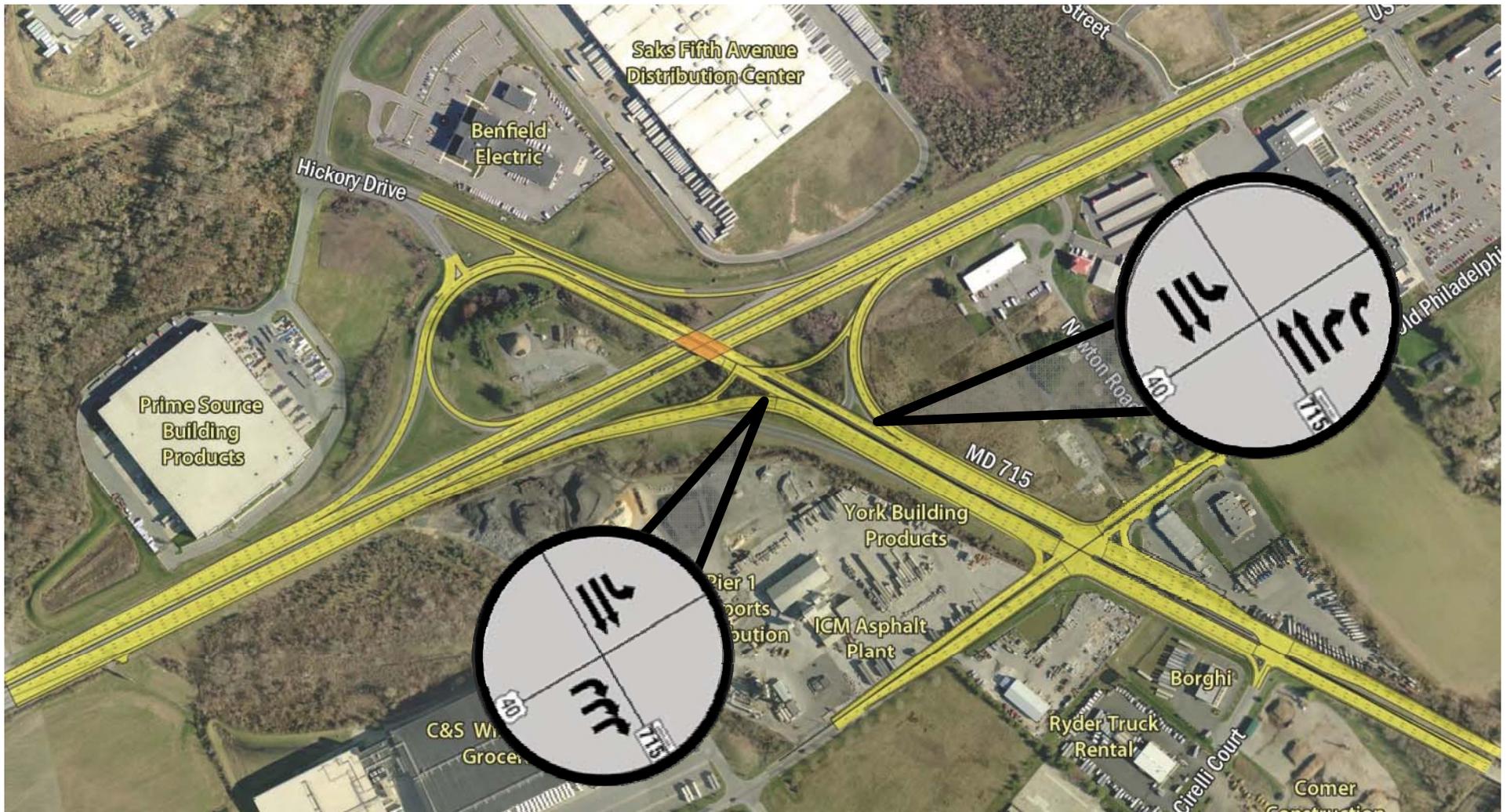
- Project Phases
- Construction Impacts/Maintenance of Traffic
- Schedules
- Next Steps/Contacts
- Questions & Answers



# Phase I Improvements

- Design-Bid-Build
- Widen MD 715 from AMTRAK Bridge to APG to add an additional lane in each direction
- Provide Stormwater Management
- Improve Signing, Marking & Lighting
- Provide Landscaping
- Relocate APG Visitors Center Entrance

# Phase II





# Phase II Improvements

- Design-Build
- Provide additional through lanes on MD 715
  - Two through lanes in each direction across the bridge
  - Four lanes in each direction on MD 715 between US 40 and Old Philadelphia Road
- Provide new traffic signals at the following locations:
  - SB MD 715 to EB US 40
  - Spur ramp from EB US 40 to NB MD 715
  - MD 715 at Cirelli Court



# Phase II Improvements (cont'd)

- Upgrade existing traffic signalization
  - MD 715 and Old Philadelphia Road
- Widen Ramp from EB US 40 to SB MD 715
- Widen MD 715 bridge over US 40
- Restriping of AMTRAK Bridge to accommodate 3 lanes in each direction



# Construction Lane Closure Schedule

- US 40 Eastbound (to Aberdeen):
  - Lane closures permitted Monday - Friday between 9:00 a.m. and 3:00 p.m. and between 7:00 p.m. and 5:00 a.m. the next day.
- US 40 Westbound (to Edgewood):
  - Lane closures permitted Monday - Friday between 9:00 a.m. and 3:00 p.m. and between 7 p.m. and 5 a.m. the next day.
- MD 715 Northbound (outbound from APG):
  - Lane closures permitted Sunday - Thursday nights between 7:00 p.m. and 2:00 p.m. the next day.
- MD 715 Southbound (inbound to APG):
  - Lane closures permitted Sunday - Thursday between 9:00 a.m. and 5:00 a.m. the next day.



# Construction Restriction Schedule

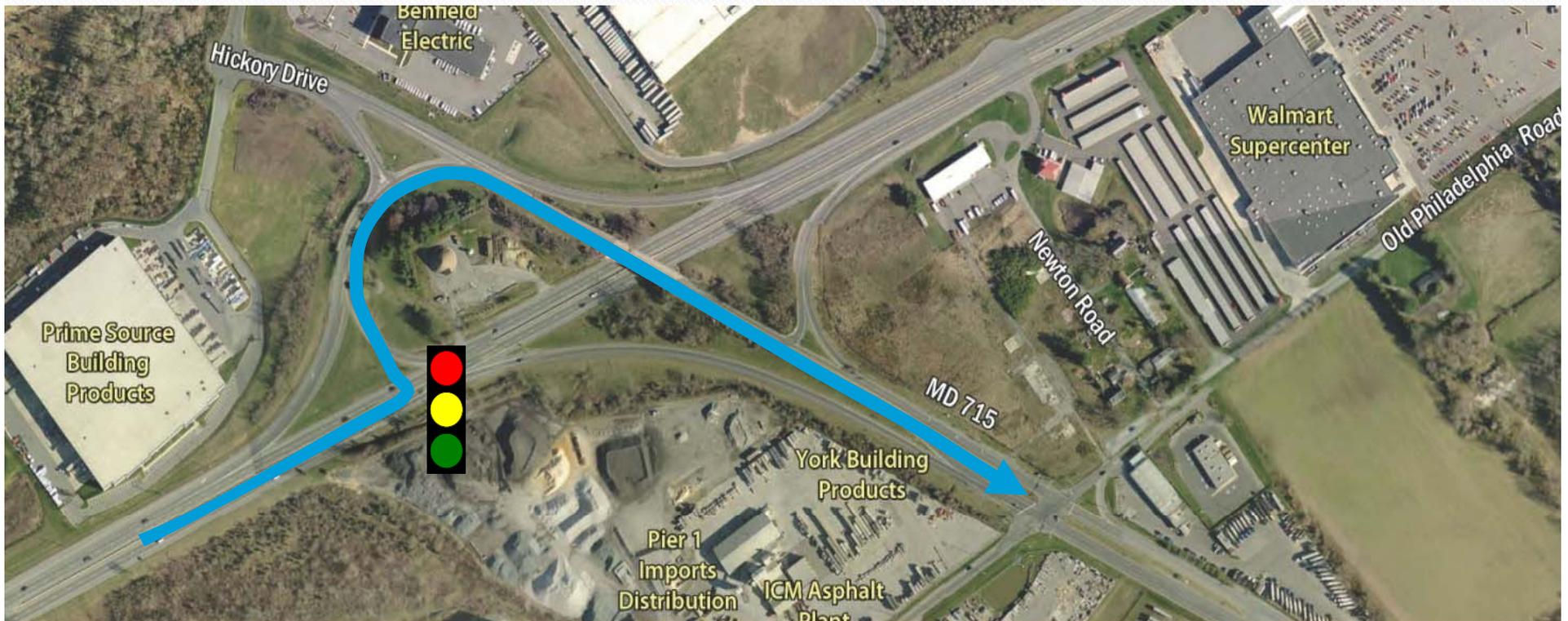
- US 40 median crossover just east of MD 715
  - No U-Turn Allowed 6AM - 9AM. MON - FRI
- MD 715 and Old Philadelphia Road Intersection
  - Signal priority will be given to the MD 715 through movement during peak hours

# Eastbound US 40 to Southbound MD 715 Closure/Detour



- **Ramp to be closed.**
- **Closure is necessary for extensive earthwork needed to reconstruct and widen the ramp for additional lanes**

# Eastbound US 40 to Southbound MD 715 Closure/Detour



- Add Temporary Traffic Signal along westbound US 40.
- Detour stays left on eastbound US 40 to temporary signal
- Make left turn to temporary ramp connection to access southbound MD 715



# Ramp 6 Closure/Detour

- SHA suggests:
  - Be patient, plan for extra travel time
  - Drive with caution through the work zone and look for changing traffic patterns
  - Look for alternate routes during peak hours



400 scale

## US Army Garrison, Aberdeen Proving Ground Gate Schedule

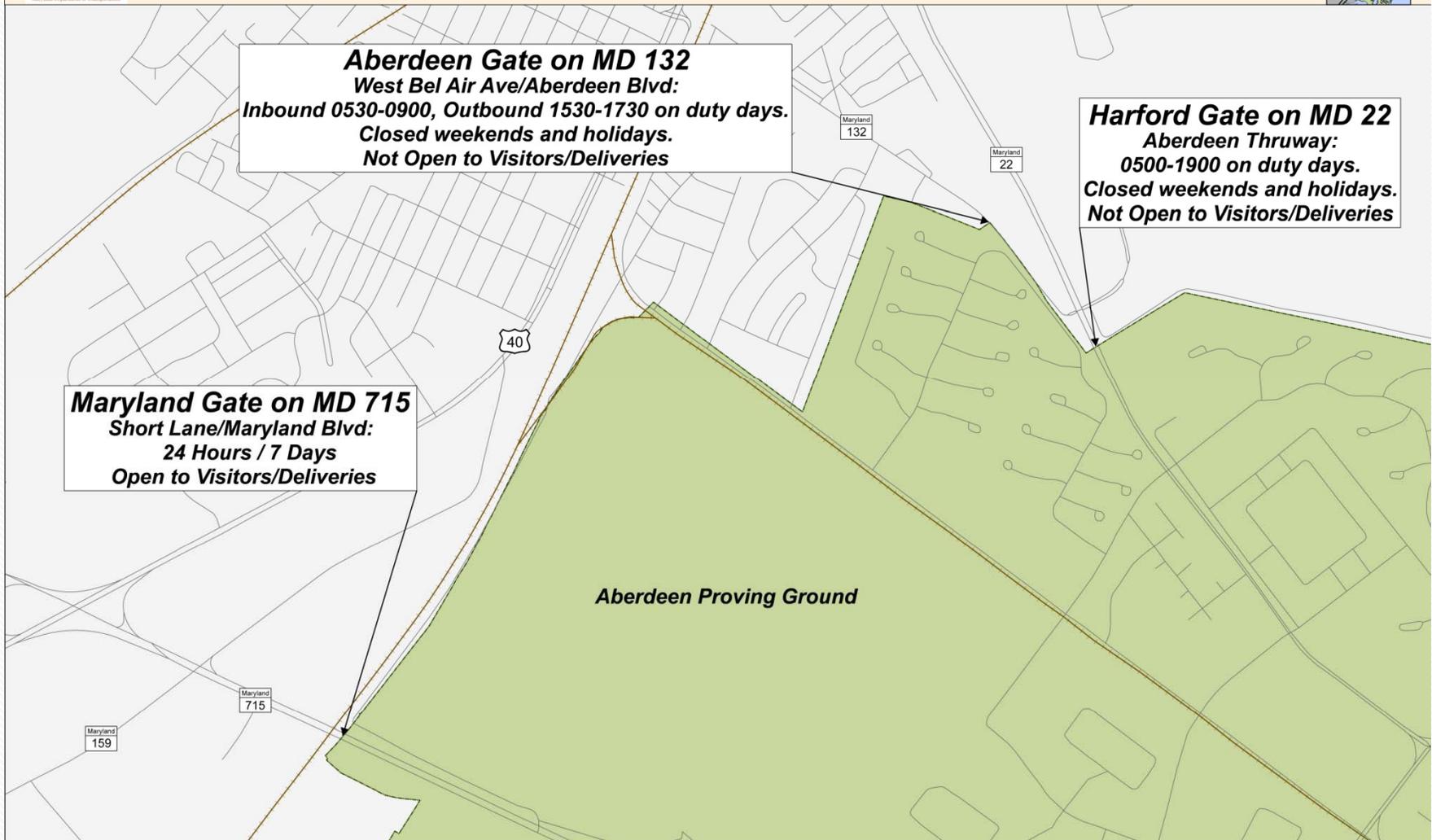


**Aberdeen Gate on MD 132**  
West Bel Air Ave/Aberdeen Blvd:  
Inbound 0530-0900, Outbound 1530-1730 on duty days.  
Closed weekends and holidays.  
Not Open to Visitors/Deliveries

**Harford Gate on MD 22**  
Aberdeen Thruway:  
0500-1900 on duty days.  
Closed weekends and holidays.  
Not Open to Visitors/Deliveries

**Maryland Gate on MD 715**  
Short Lane/Maryland Blvd:  
24 Hours / 7 Days  
Open to Visitors/Deliveries

Aberdeen Proving Ground





# Project Schedule

- **Winter 2012:**

- Host public meeting / open house for Aberdeen Community
- Finalize design and permitting
- Continue utility relocations, including water and sewer;
- Begin erosion and sediment control work on Phase 2;
- Construct stream relocation along eastbound US 40;
- Prepare interchange area for ramp closure/detour

- **Late Winter – Early Spring 2012:**

- Begin temporary one-year ramp closure/detour of ramp from eastbound US 40 to southbound MD 715
- DBT currently plans to close ramp in March 2012, weather permitting.

## For More Information

SHA Field Office: 410-306-6295

SHA District 4 Toll-Free: 1-866-998-0367

Webpage: [www.roads.maryland.gov](http://www.roads.maryland.gov)

Go to SHA Projects link under “Projects and Studies” tab.  
Select Harford County and look at Projects under  
Construction.



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Thank You  
Questions and Answers

