TAPPAN ZEE HUDSON RIVER CROSSING PROJECT

PROJECT OVERVIEW

Pre-SOQ MEETING – DECEMBER 14, 2011
Rescaled Tappan Zee Hudson River Crossing Project

- 4-mile limit includes bridge and its immediate landings
Alternatives

- All alternatives considered in the EIS will not preclude future transit
- Considered but not advanced for further study in the EIS:
  - Rehabilitation options and Tunnel options
  - Re-examined and concluded not feasible
DEIS Alternatives

- Two Draft Environmental Impact Statement Alternatives
  - No Build (No Action)
  - Replacement Bridge Alternative
Replacement Bridge Alternative

- North Alignment
- Two separate structures
Replacement Bridge Alternative

Long Span vs. Short Span

Long Span Replacement Bridge
Two Parallel Structures
Span Length of 430 feet

Short Span Replacement Bridge
Two Parallel Structures
Span Length of 230 feet
REPLACEMENT ALTERNATIVE

Tappan Zee Bridge Profile
- Both Long and Short Span Replacement options have a more constant profile than does the existing TZB.
- From 2001 to 2009, more than 2,700 accidents occurred between Interchange 9 (Route 9) in Tarrytown and Interchange 10 (Route 9W) in Nyack, the segment that includes the Tappan Zee Bridge, its approaches and its toll plaza, resulting in an accident rate that is more than twice the NYSTA’s statewide average.
- Recognizing the need to improve safety in this region, the design of the replacement bridge will have a more constant grade, providing better sight distances.
REPLACEMENT ALTERNATIVE

Main Span
- The EIS will evaluate two main span types: the cable-stay and arch type. The main span over the navigation channel would have a length of approximately 1,200 to 1,400 feet, compared to 1,212 feet for the existing bridge. Each bridge type would have short back spans up to 700 feet in length on either side of the main span.

Cable-stay

Arch

Views are of bridge's south side looking north
What Does “Not Precluding Transit” Mean?

- The EIS will consider reasonable alternatives that will preserve the option for future transit construction.
- These actions are consistent with maximizing the public investment.

1. Provide the infrastructure for future transit on the new highway bridges without reducing the number of general traffic lanes;

2. Span the gap between the two new highway bridge structures at a later date to provide the infrastructure for future transit modes.
## Accomplishments to Date - Notice of Intent 10/12/11

<table>
<thead>
<tr>
<th>Action</th>
<th>Traditional</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Begin / Close Scoping after NOI</td>
<td>3 – 9 months</td>
<td>&lt; 6 weeks</td>
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<tr>
<td>• Convene meeting of Cooperating Agencies</td>
<td>3 – 6 months</td>
<td>&lt; 2 weeks</td>
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<tr>
<td>• Secure Cooperative Agreement / Coop Agcys</td>
<td>2 months</td>
<td>&lt; 2 weeks</td>
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<tr>
<td>• Revise DEIS / Submit for preliminary review</td>
<td>9 –12 months</td>
<td>&lt; 3 months</td>
</tr>
<tr>
<td>• Engage Agencies for Permits</td>
<td>After ROD</td>
<td>Ongoing</td>
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<tr>
<td>• Develop Advanced Geotechnical Testing Program</td>
<td>6 – 9 months</td>
<td>&lt; 2 months</td>
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<tr>
<td>- Advertise / Award $3.5 M Boring Contract</td>
<td>6 months</td>
<td>6 weeks</td>
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<tr>
<td>- Advertise / Procure Pile Materials</td>
<td>6 months</td>
<td>6 weeks</td>
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<tr>
<td>- Prepare PS&amp;E for Pile Installation</td>
<td>6 months</td>
<td>6 weeks</td>
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<tr>
<td>• Solicit and designate Financial Advisor</td>
<td>6 – 9 months</td>
<td>&lt; 6 weeks</td>
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Path Forward

**Next Steps:**

- Issue Scoping Summary Report  
  December 2011
- Publish Draft Environmental Impact Statement  
  January 2012
- Hold Public Hearings  
  February 2012
- Publish Final Environmental Impact Statement  
  June 2012
- Record of Decision  
  August 2012
TAPPAN ZEE HUDSON RIVER CROSSING PROJECT

Update: SCHEDULE, QUESTIONS & SURVEYS

Pre-SOQ MEETING
Presentation Agenda

1. Procurement schedule
2. Themes from RFQ questions
3. Updates
4. Surveys: borehole investigation and pile trial
**Procurement Schedule**

<table>
<thead>
<tr>
<th>Activity</th>
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<tbody>
<tr>
<td>Issue RFQ</td>
<td>November 21, 2011</td>
</tr>
<tr>
<td>Final date for Proposers’ questions</td>
<td>December 9, 2011</td>
</tr>
<tr>
<td>Pre-SOQ informational meeting</td>
<td>December 14, 2011</td>
</tr>
<tr>
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<td>January 3, 2012</td>
</tr>
<tr>
<td>SOQ Due Date</td>
<td>January 10, 2012</td>
</tr>
<tr>
<td>Shortlist announced</td>
<td>January 31, 2012</td>
</tr>
<tr>
<td>Issue Draft RFP</td>
<td>February, 2012</td>
</tr>
<tr>
<td>Proposal due date</td>
<td>June, 2012</td>
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<tr>
<td>Selection / award</td>
<td>July, 2012</td>
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<tr>
<td>Execute contract</td>
<td>August, 2012</td>
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<tr>
<td>Notice to proceed</td>
<td>August, 2012</td>
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<tr>
<td>Estimated Design-Build construction period</td>
<td>60 months</td>
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*DONE ✓ Addendum TODAY ✓*
DB Procurement & Environmental Process

- Design-Build procurement process is concurrent with the environmental process (EIS)
- EIS will determine final scope of Project

- Draft EIS anticipated January 19, 2012
- Record of Decision (ROD) anticipated August 2012
RFQ questions

- 130 questions received by December 9, 2011
- Two sets of responses already issued
- Deadline for sending questions extended to December 19

Website www.thruway.ny.gov
RFQ questions - themes

- Teaming
- Schedule
- DBE goals
- Stipend
- Innovation
- Buy America
RFQ questions - themes

- Teaming
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Two sets of replies have been issued on the website and all questions received by December 19 will be answered.
RFQ questions - themes

- Teaming
- Schedule
- DBE goals
- Stipend
- Innovation
- Buy America

In addition, the Agencies have met with industry on Nov 3rd & Dec 5th and will continue to seek feedback on these topics.
Brief update

Brief update on four topics

- Design-Build Legislation
- Stipend
- DBE goals
- Shortlist numbers
Legislation

- Design-Build included in Infrastructure Investment Act
- Both NYSTA & NYSDOT listed
- Approved for 2012 - 2014
Brief update (2) Stipend

Stipend

- We have Industry Input
- Evaluated merits
- A stipend will be provided, subject to State Comptroller approval
- Details will be provided in the RFP
DBE goals

- Industry Input
- Type of Work
- Capacity of DBE’s
- Pre-RFP FHWA/State Networking Session
- M/WBE participation included
Shortlist numbers

- Maximum of 5 Teams
- Only responsive teams deemed competent and capable of performing will be shortlisted
Surveys: geotechnical boreholes

Borehole investigation

- 68 boreholes and 30 CPTs
- Depths ranging from 60 ft to 400 ft
- Laboratory and field testing

- Bids for drilling works received
- Drilling contract to begin in December 2011
- Results to be shared beginning in March ‘12
Borehole investigation

Boreholes along proposed new crossing alignment, on northern side of existing Tappan Zee bridge
Surveys: pile trial

Pile installation demonstration program (PIDP)

- Multiple test piles (4ft, 6ft, 8ft, 10ft)
- In differing geological conditions
- Driven pipe piles, rock sockets
- Lateral and vertical load tests
- Static and dynamic loading

- Currently tendering for steel fabrication
- Request for bids for PIDP in December 2011
- Results to be shared beginning in April ‘12
TZBHRRC Web Site Link & Contact Information

• Web Link for TZBHRRC is:

Contact:
• William Ringwood
• Attention: TZHRC Procurement
• Office of Contracts Management
• New York State Thruway Authority
• 200 Southern Boulevard
• Albany New York 12209 USA
• email: TZBCrossing@thruway.ny.gov