



I-10 CONNECT

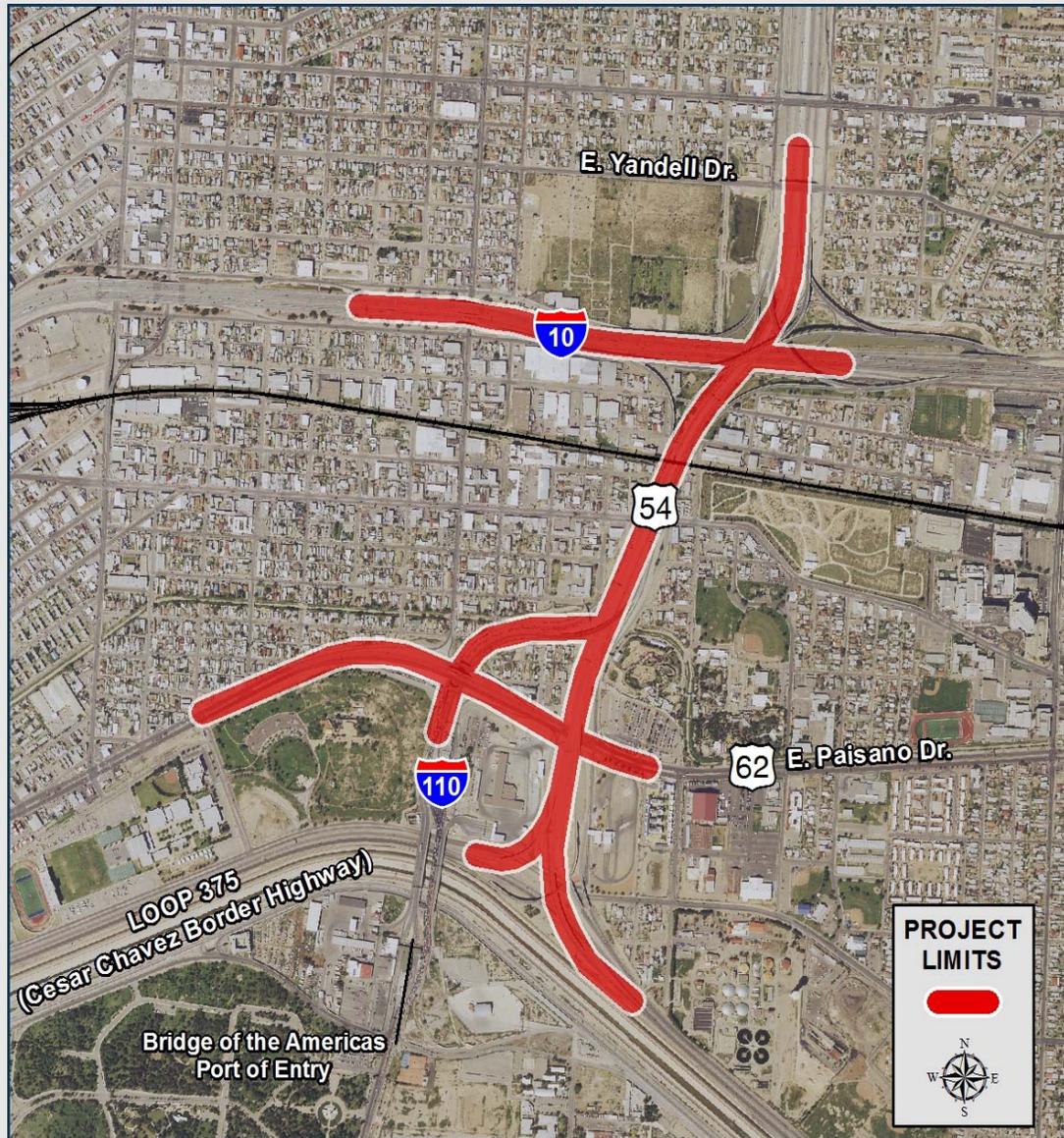
Public Meeting #1



The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried-out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated Dec. 16, 2014, and executed by FHWA and TxDOT.

January 21, 2016

Project Location



Project Goals and Objectives



Add connectivity – Provide needed connections from I-10 to Loop 375 (east to east and west to west)



Ease congestion & improve mobility in the study area



Improve queuing impacts approaching the Port of Entry



Minimize impacts to the environment



Improve mobility during planned I-10 reconstruction projects



Maximize existing assets (minimize reconstruction)

Preliminary Environmental Considerations



Environmental Constraints Consideration During Alternatives Evaluation

Legend

-  Parks
-  Cemeteries
-  100-year Floodplain
-  National Wetland Inventory
-  Feature
-  Railroad
-  Study Area
-  Streams and Canals



Project Workgroup (PWG) Meeting #1

- Originally developed ten (10) base alternatives.
- Variations were developed resulting in a total of thirteen (13) alternatives.
- Alternatives that did not meet general project goals and objectives, including the required connections were eliminated from further consideration.
- Eight (8) of the thirteen (13) potential alternatives are variations of three (3) general design concepts and recommended for further evaluation.

**Direct
Connectors**

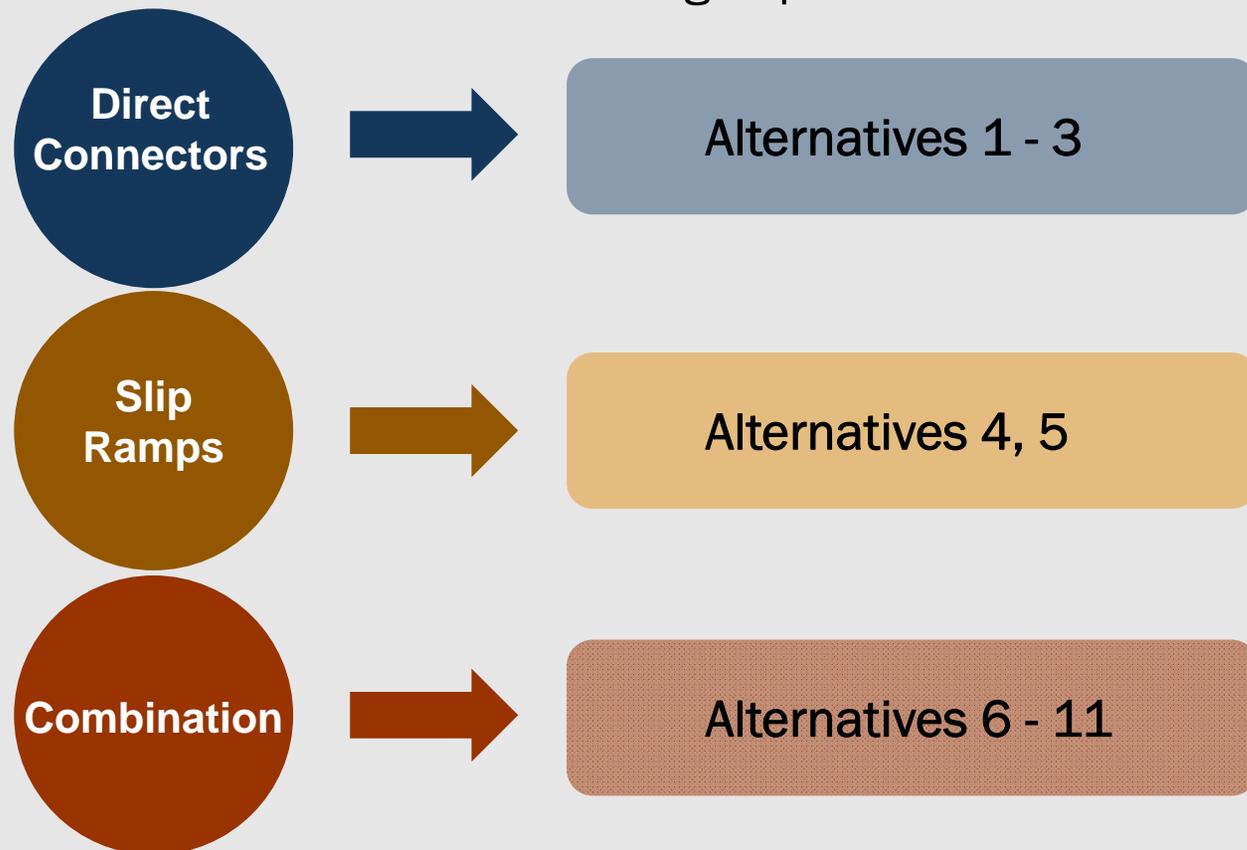
**Slip
Ramps**

Combination



Post PWG Meeting #1 Development of Potential Alternatives

- After input from the PWG #1 Meeting, refinements were made to the alternatives.
- Additional Alternatives were developed to improve constructability and address concerns with Lincoln Center Building impacts.



Alternatives & Evaluation



Traffic and Mobility:

- Provides Access to Major Roadways
- Avoids Queuing on I-10 DCs
- Improves Queuing at POE
- Reduces Overall Congestion



Potential Environmental Impacts:

- Meets Need and Purpose
- Natural Environment Impacts
- Human Environment Impacts



Engineering:

- Constructability
- Meets TxDOT Design Criteria
- Design/Operation Flexibility
- ROW Requirements
- Construction Costs

Alternative Evaluation Matrix

1 5 9 11

Texas Department of Transportation El Paso District I-10/Border Highway Connector Ramps CSJ: 0167-01-113 Alternative Evaluation Matrix			DIRECT CONNECTORS			SLIP RAMP			COMBINATION				
Unit of Measurement (For Scale 1-5, 5 = Best)	No-Build	Alternative 3MCD	Alternative 4MCD	Alternative 5MCD	Alternative 6	Alternative 6MCD	Alternative 9	Alternative 10	Alternative 10MCD	Alternative 13	Alternative 14	Alternative 15	
New Alternative Name =====	No-Build	1	2	3	4	5	6	7	8	9	10	11	
Traffic/Mobility													
Provides Access to Major Roadways													
I-10 to LP 375	Yes/No	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
LP 375 to I-10	Yes/No	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
US 54 to LP 375	Yes/No	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
LP 375 to US 54	Yes/No	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
I-10 to POB	Yes/No	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
POE to I-10	Yes/No	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
US 54 to POB	Yes/No	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
POE to US 54	Yes/No	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Avoids Queuing on I-10 DCs	Scale 1-5	1	2	2	2	3	3	5	5	5	5	5	
Improves Queuing at POE	Scale 1-5	1	2	2	2	3	3	3	3	5	5	4	
Reduces Overall Congestion	Scale 1-5	1	3	3	3	2	2	2	3	4	5	4	
Traffic/Mobility Summary													
Engineering													
Constructability	Scale 1-5	5	3	3	2	4	4	3	3	3	3	4	
Meets TxDOT Design Criteria (Weaving, ETC.)	Scale 1-5	5	4	4	4	3	3	4	4	4	4	3	
Design/Operation Flexibility	Scale 1-5	5	3	2	2	3	3	2	2	2	2	4	
ROW Requirements	Scale 1-5	5	4	4	4	5	5	3	3	4	3	5	
Construction Cost	Scale 1-5	5	3	3	3	4	5	3	3	3	3	4	
Engineering Summary													
Potential Environmental Impacts													
Meets Need and Purpose (Goals & Objectives)	Yes/No	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Natural Environment Impacts													
100-year Floodplains	Yes/No	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	
Water Resources	Yes/No	N	N	N	N	N	N	N	N	N	N	N	
Threatened and Endangered Species Potential	Scale 1-5	5	4	4	4	4	4	4	4	4	4	4	
Human Environment Impacts													
Parks	Yes/No	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Schools	Yes/No	N	N	N	N	N	N	N	N	N	N	N	
Churches	Yes/No	N	N	N	N	N	N	N	N	N	N	N	
Cemeteries	Yes/No	N	N	N	N	N	N	N	N	N	N	N	
Commercial/Industrial Property	Yes/No	N	Y	Y	Y	N	N	Y	Y	Y	Y	N	
Residential Property	Yes/No	N	N	N	N	N	N	N	N	N	N	N	
Community Cohesion	Yes/No	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Environmental Justice	Yes/No	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Potentially NRHP-eligible Site/Structure	Scale 1-5	5	4	4	4	5	5	1	1	1	3	5	
Environmental Summary													
Overall Summary													



Recommended Alternatives – Next Step

Refine Alternatives

- Evaluate Comments from Public Meeting
- Identify Operational Improvements
- Assess I-110 and US 54 Interchanges along Paisano Dr.
- Evaluate Environmental Impacts
- Develop Quantitative Evaluation Matrix



Project Milestones (Subject to Change)

- Workgroup Meeting June 3, 2015
- Screen Potential Alternatives
- Identify Recommended Alternatives
- Workgroup Meeting November 9, 2015
- Public Meeting #1  January 21, 2016
- Refine Alternatives
- Identify Preferred Alternative
- Workgroup Meeting Spring 2016
- Public Meeting #2  Spring 2016
- Finalize Preliminary Design
- Optional Workgroup Meeting Summer 2016
- Optional Public Meeting #3  Summer 2016
- EA Submittal
- Public Hearing  TBD



Contact Information

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Note: Written Comments must be post-marked by Monday, February 1, 2016

Web Site:

www.txdot.gov key word search “I-10 Connect”

Or

Type “TxDOT I-10 Connect” in your internet search browser

