

Public Information Meeting

Interstate 10 and State Route 210

Phase II – Environmental Assessment and Design Concept Report

November 29, 2018

Project No. 010 PM 260 H7825 01L

Federal Project No. 010-E(210)S

Restrooms & Emergency Exits

Agenda

- ▶ Project Purpose and Need
- ▶ Phase I Study Overview
- ▶ Phase II Study
 - System Alternatives
 - Design Concept Report
 - Environmental Assessment
 - Schedule

Study Area

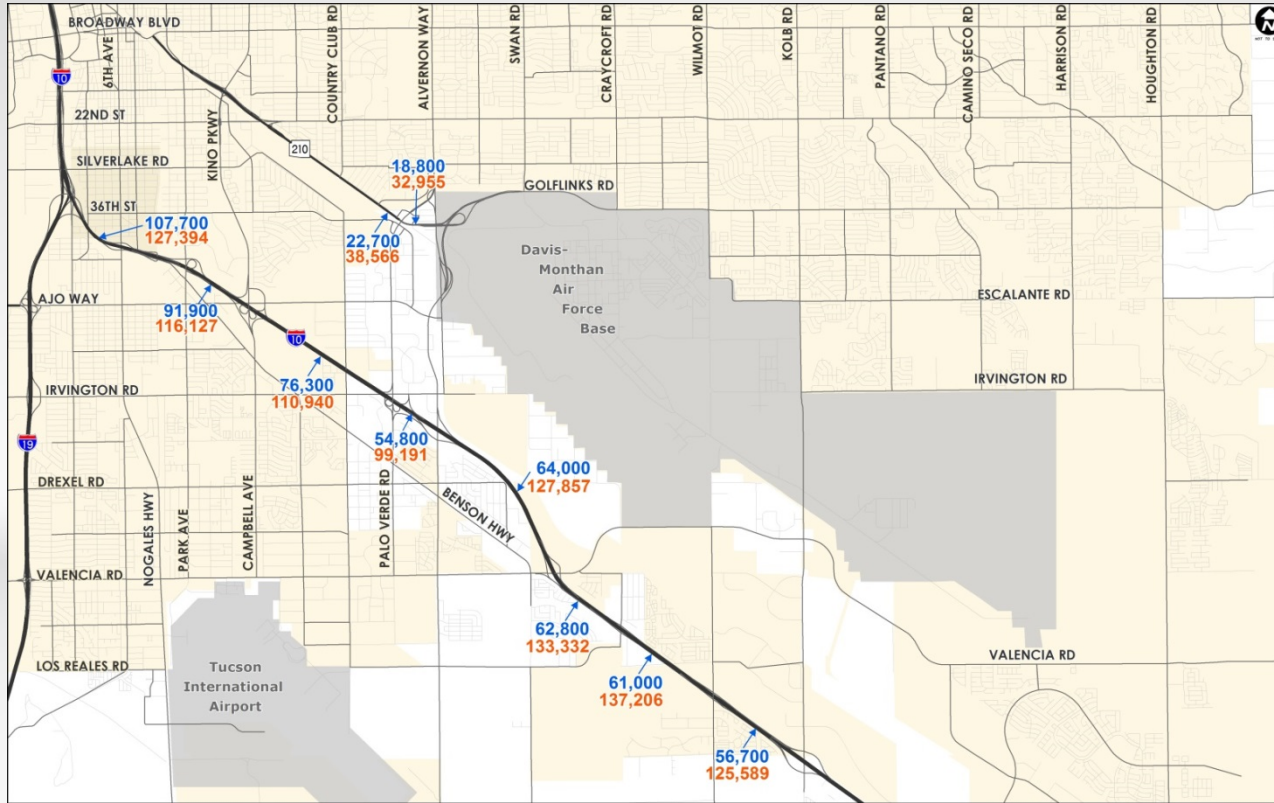
- ▶ State Route 210 (SR 210) (Barraza-Aviation Parkway) from Golf Links Road to a future connection with I-10 along Alvernon Way
- ▶ Interstate 10 (I-10) from I-10 / Interstate 19 (I-19) interchange to Kolb Road



Project Need

- ▶ Lack of roadway options to downtown Tucson area
- ▶ I-10 traffic interchanges have poor operational performance and high crash rates
- ▶ Projected I-10 traffic growth over the next 25 years will exceed the current capacity of the freeway
- ▶ High percentage of travel on I-10 is for local trips rather than through traffic

Traffic Volumes

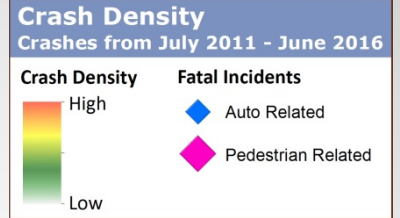
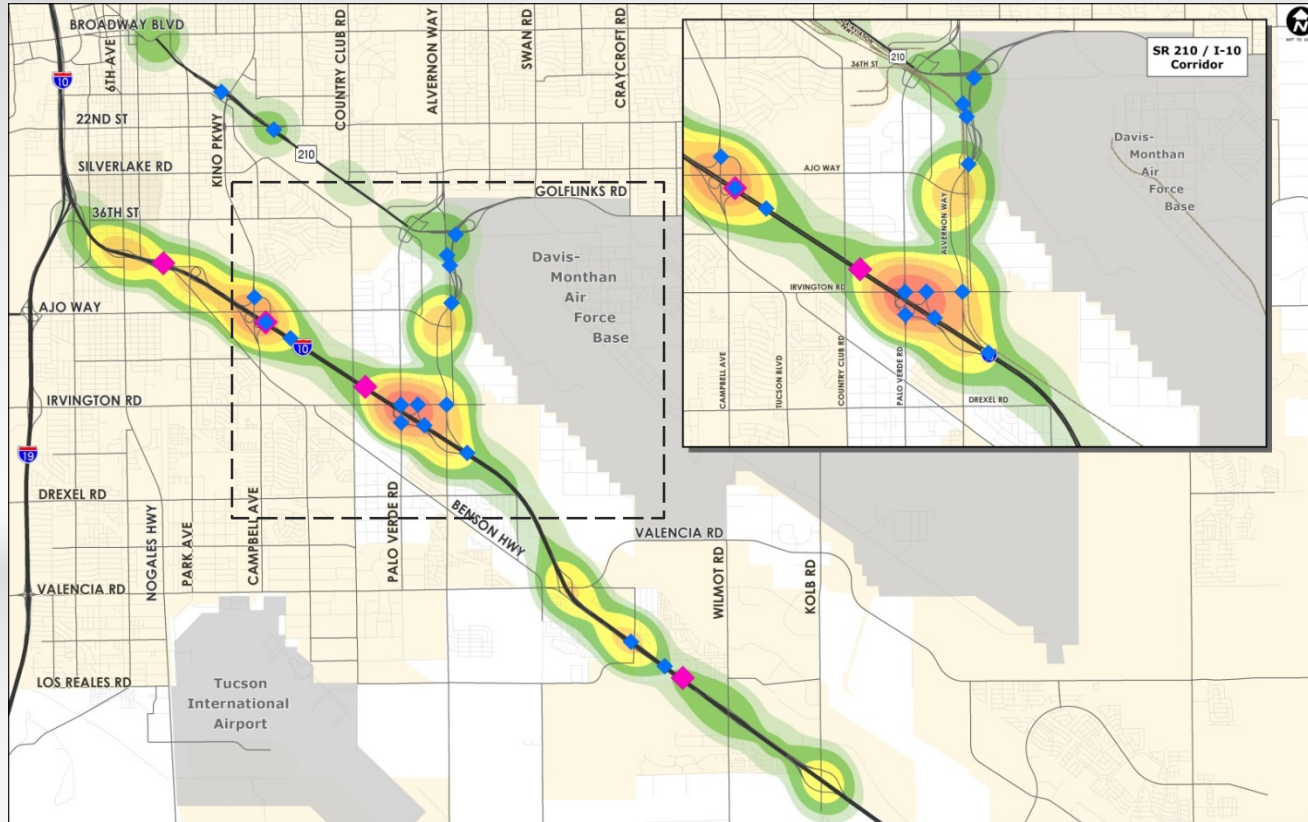


Traffic Volume

XX,XXX 2010 Traffic Count

XX,XXX 2040 Projected No Build Traffic Volume

Crash Rate



Summary of Crashes July 2011 – June 2016

Year	Total
July 2011 - June 2012	335
July 2012 - June 2013	372
July 2013 - June 2014	393
July 2014 - June 2015	470
July 2015 - June 2016	486
Total	2,056

Project Purpose/Objectives

- ▶ The purpose of the extension of SR 210 and improvements to I-10 are as follows:
 - Extend SR 210 south to a connection with I-10 to provide an alternate route into Tucson's business district/downtown
 - Improve I-10 traffic interchange functionality through interchange reconstruction, reconfiguration, removals or additions
 - Increase I-10 capacity to meet future travel demands
 - Improve local destination access

Phase I Study

- ▶ Completed in 2015
- ▶ Feasibility Report
 - Examined future transportation needs and potential improvements
 - Studied connection points for SR 210 to connect with I-10
- ▶ Environmental Overview
 - Identified potential environmental issues in the study area
- ▶ Public Outreach

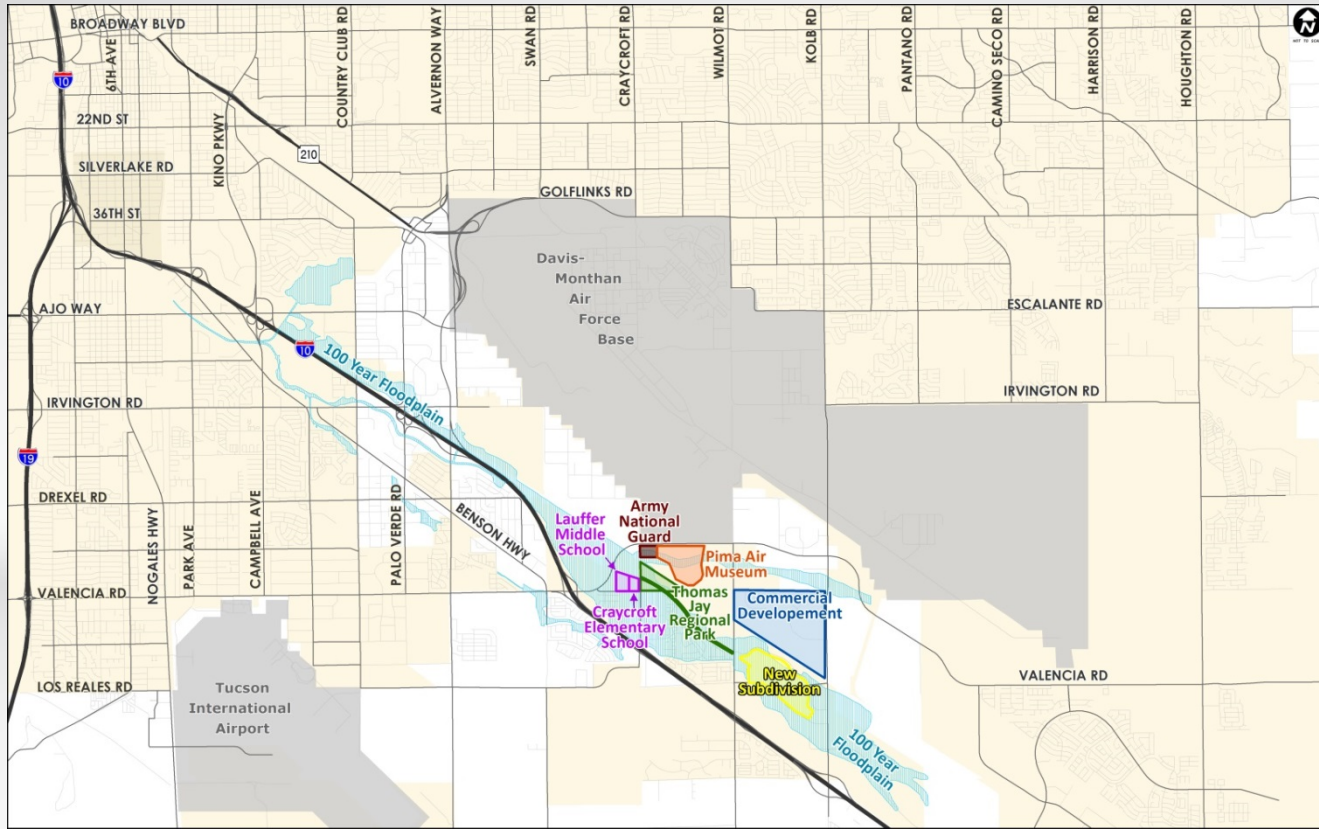
SR 210 Connections to I-10



Crash Location

- Potential Interchange Location
- SR210 Potential Alignments

SR 210 Constraints



Phase II Study

- ▶ Two build alternatives (System Alternatives I & IV) from Phase I will be studied further in Phase II as well as the No-Build Alternative
- ▶ Alternatives developed through:
 - Public and agency input
 - Technical analysis
- ▶ Phase II includes the preparation of:
 - Design Concept Report (DCR)
 - Environmental Assessment (EA)
- ▶ Public Involvement

System Alternative I

- ▶ Designate Alvernon Way as SR210 from Golf Links Road to I-10 and provide four (4) travel lanes in each direction
- ▶ Add a new system interchange to provide access from SR210 to I-10
- ▶ Add up to two (2) lanes in each direction on I-10 from the I-10/I-19 interchange to Alvernon Way
- ▶ Add up to four (4) lanes in each direction on I-10 from Alvernon Way to Kolb Road



System Alternative IV

- ▶ Designate Alvernon Way as SR210 from Golf Links Road to I-10 and provide four (4) travel lanes in each direction
- ▶ Add a new system interchange to provide access from SR210 to I-10
- ▶ Add up to two (2) lanes in each direction on I-10 from the I-10/I-19 interchange to Alvernon Way
- ▶ Modify I-10 from Alvernon Way to Kolb Road to serve as a collector-distributor roadway, adding up to four (4) lanes in each direction



Collector-Distributor Roadways

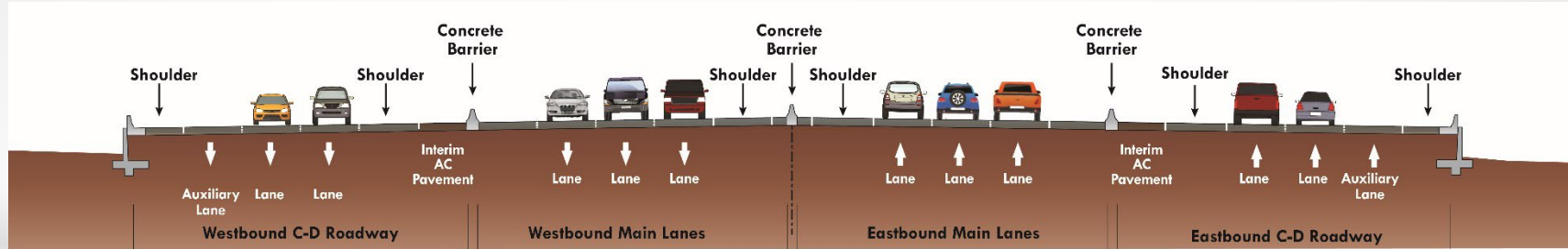
- ▶ Move weaving and lane-changing traffic away from the high-speed traffic
- ▶ Allows the freeway main lanes to function as an express way for higher-speed through traffic

Representative Example:



System Alternative IV

I-10 Cross Section – Alvernon Way to Kolb Road



Comments Incorporated in Alternatives

- Incorporated changes to the SR 210/Golf Links interchange
- Signal for Los Niños Elementary School
- Crossover ramps for Alternative IV
- Underpass for Kino Sports Complex expansion
- Utility maintenance roads near SR 210/Golf Links interchange

Design Concept Report

- ▶ Refine the alternatives from the last public meeting
- ▶ Advance the preliminary roadway design
- ▶ Prepare computer analysis of both alternatives to determine how well they will operate
- ▶ Advance the preliminary interchange designs
- ▶ Identify drainage features
- ▶ Refine the right-of-way limits

Environmental Assessment - What is NEPA?

- ▶ Prepared in accordance with the National Environmental Policy Act (NEPA) of 1969, NEPA was a law written to analyze, disclose, minimize, and mitigate environmental impacts for federally funded projects.
- ▶ NEPA's basic policy requires applicable federal agencies to review impacts and mitigation to NEPA studies
- ▶ An Environmental Assessment (EA) in the NEPA-level documentation that will be used to evaluate potential impacts for the proposed project
- ▶ The purpose of this EA is to describe the need for a proposed action, alternatives evaluated (including the No Build Alternative), environmental impacts of those alternatives, and any necessary mitigation measures.

Environmental Assessment

- ▶ Prepared in accordance with the National Environmental Policy Act (NEPA) of 1969
- ▶ Analysis of System Alternative I, System Alternative IV and the No-Build Alternative
- ▶ Analysis through:
 - Data collection
 - Public and agency scoping
 - Coordination with regulatory agencies
 - Field studies
 - Technical reports

Environmental Assessment

- ▶ The Environmental Assessment will evaluate:
 - Air Quality
 - Biological Resources
 - Cultural Resources
 - Environmental Justice/Title VI Populations
 - Hazardous Materials
 - Land Use
 - Neighborhood and Community Considerations
 - Noise
 - Secondary and Cumulative Impacts
 - Section 4(f) Resources
 - Section 6(f) Resources
 - Visual Resources
 - Water Resources

Project Schedule

- ▶ Data collection and technical analysis – Completed
 - Public Scoping Meeting held February 2017
- ▶ Alternatives evaluation – Fall 2018
 - Public Information Meeting – November 2018
- ▶ Draft DCR and EA – Winter 2018-2019
 - Public Hearing – Spring 2019
- ▶ Final DCR and EA – Summer 2019
- ▶ Anticipate FHWA decision approving the DCR and Finding of No Significant Impact (FONSI) or the No-Build – Summer 2019

We Need Your Input!

- ▶ Return completed comment form to the sign-in table
- ▶ Place your comments on the maps
- ▶ Complete an online comment form at:
www.azdot.gov/i10SR210study
- ▶ Send comments by December 30, 2018 to:
 - Email: i10SR210Study@hdrinc.com
 - Phone: [1-888-692-2678](tel:1-888-692-2678)
 - Mail: [ADOT Community Relations, 1221 S. Second Ave. Tucson, AZ 85713](#)

Connect With Us

- ▶ Stay up-to-date through the project website:
www.azdot.gov/i10SR210study
- ▶ Subscribe for email updates and meeting notices
Email: i10SR210Study@hdrinc.com
- ▶ Connect with the project team:
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