



# I-11 Corridor

## Overview Presentation



WICKENBURG

PHOENIX



TUCSON



NOGALES



February 2017

# Presentation Overview



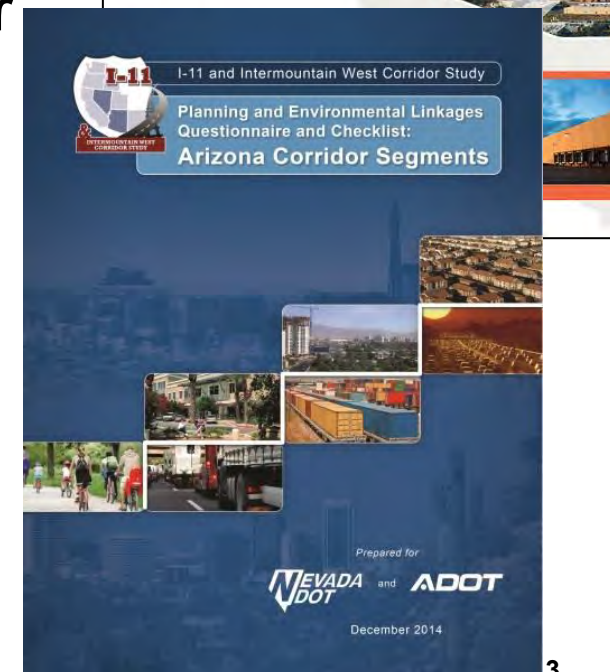
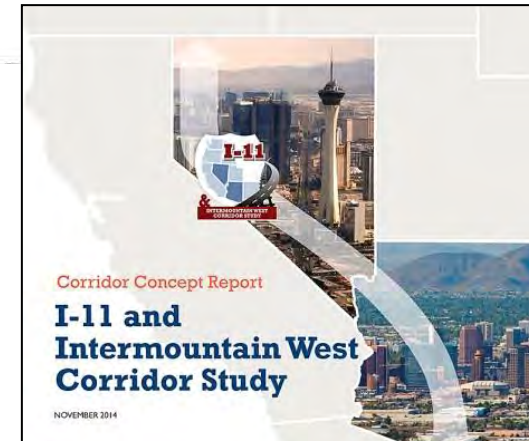
- History of I-11 Corridor
- Study Process & Approach
- Purpose & Need for Proposed Action
- Summary & On-Going Involvement



# History of I-11 Corridor



- North American Free Trade Agreement (1993)
- CANAMEX Trade Corridor (1995)
- National Highway System High Priority Corridor (MAP-21 2012)
- I-11 & Intermountain West Corridor Study (2014)
  - ▶ Corridor Concept Report
  - ▶ Planning & Environmental Linkages (PEL)
- Fixing America's Surface Transportation Act, or FAST Act (2015)
- Tier 1 EIS; Nogales to Wickenburg





# ADOT/NDOT Partnership



# Recommendations - ADOT/NDOT Partnership

## ■ Recommended Corridor(s)

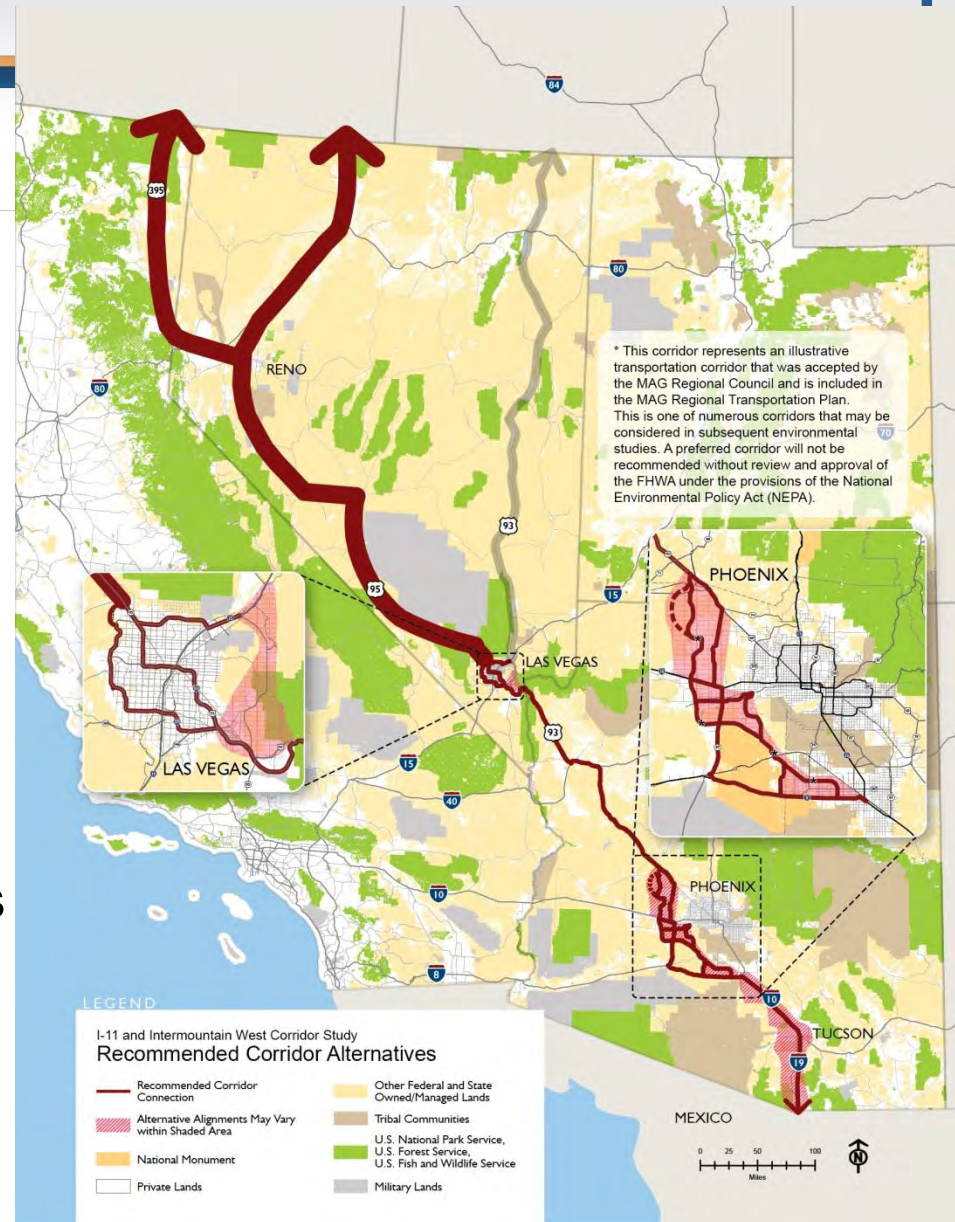
- *North-South Trade Corridor throughout the Intermountain West*

## ■ Multi-use Vision

- Rail Consideration
- Alternative Energy

## ■ Follow On Studies

- NDOT Corridor Analysis
- ADOT Tier 1 EIS; Nogales to Wickenburg

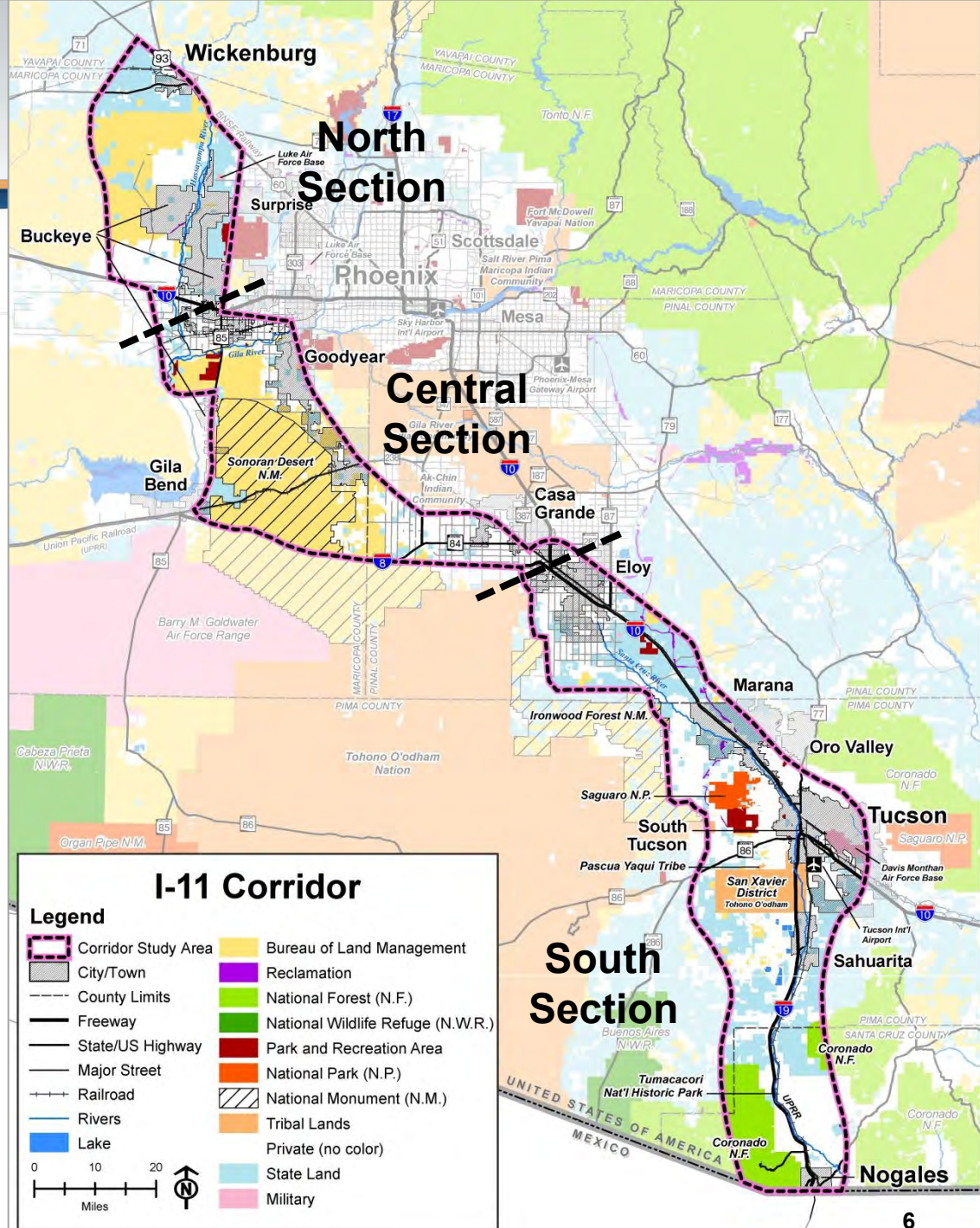




# Tier 1 EIS



- **280-Mile Study Area from Nogales to Wickenburg**
- **Studied in Sections based on Context**
  - ▶ South (Nogales to Casa Grande)
  - ▶ Central (Casa Grande to Buckeye)
  - ▶ North (Buckeye to Wickenburg)



# Purpose & Need for Proposed Action



## ■ Purpose Statement

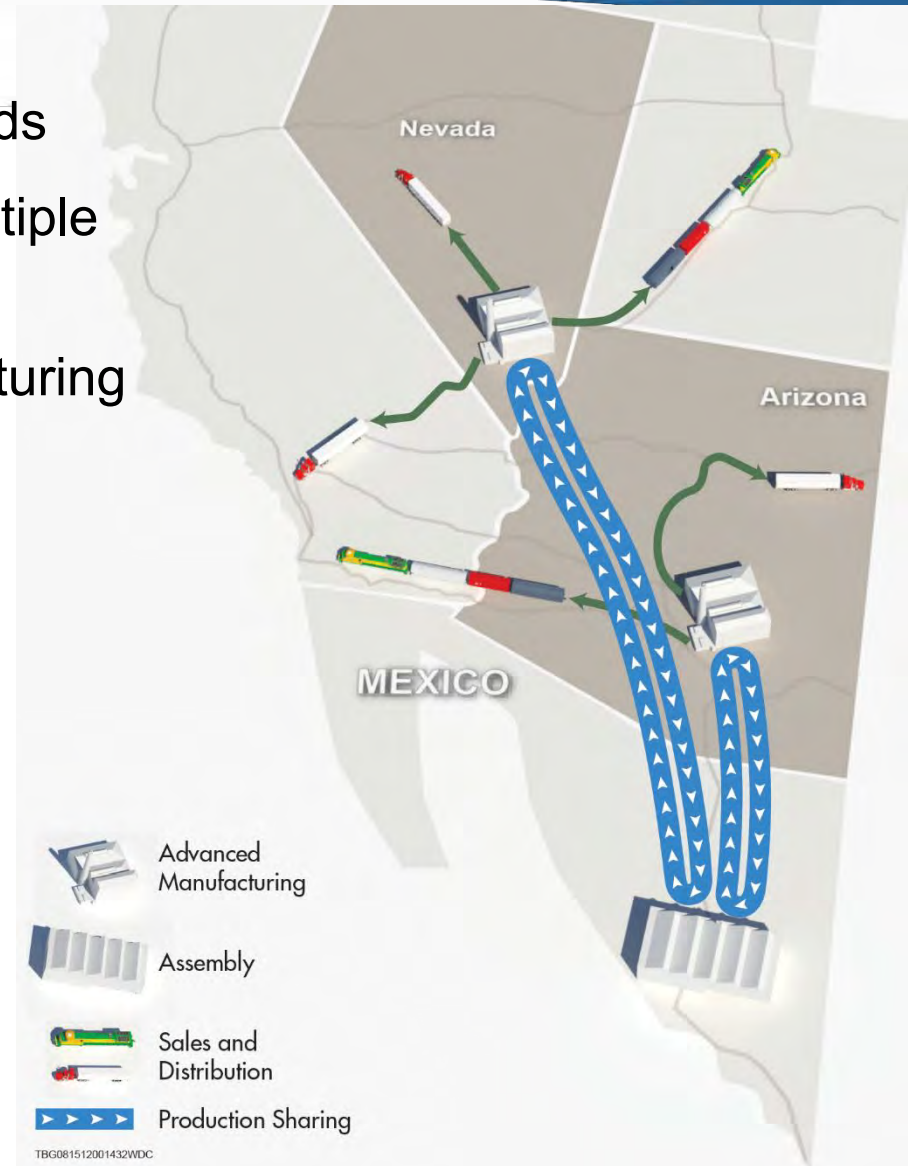
- ▶ Provide an Access-Controlled, North-South Transportation Corridor that will Connect Key Metropolitan Areas & Markets in Arizona with Mexico & Canada to:
  - ❑ Support improved regional mobility for people & freight; and
  - ❑ Provide enhanced opportunities for trade & economic development.

## ■ Needs & Opportunities for Proposed Action

- ▶ Congestion Inhibits Free-Flow Movement of People & Goods
- ▶ System Linkage Gaps Constrain Mobility & Connectivity in Southwest Triangle Megaregion (i.e., Phoenix, Las Vegas, Los Angeles)
- ▶ Non-Transportation System Linkage, Trade, Modal Interrelationships, & Economic Growth Opportunities

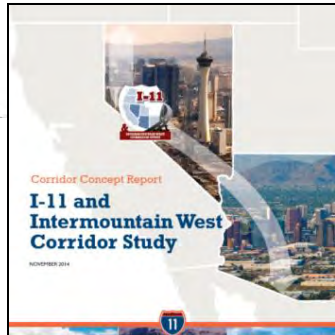
# Economic Vision supported by I-11

- Work together to produce goods
- Components cross border multiple times during production
- Results in significant manufacturing employment
- Attracts industries: auto, aerospace, medical device appliances, machinery....
- Only feasible with adequate infrastructure in place





# Study Goal & Objective



Complete Alternatives Selection Report (ASR)  
& Tier 1 Environmental Impact Statement (EIS)



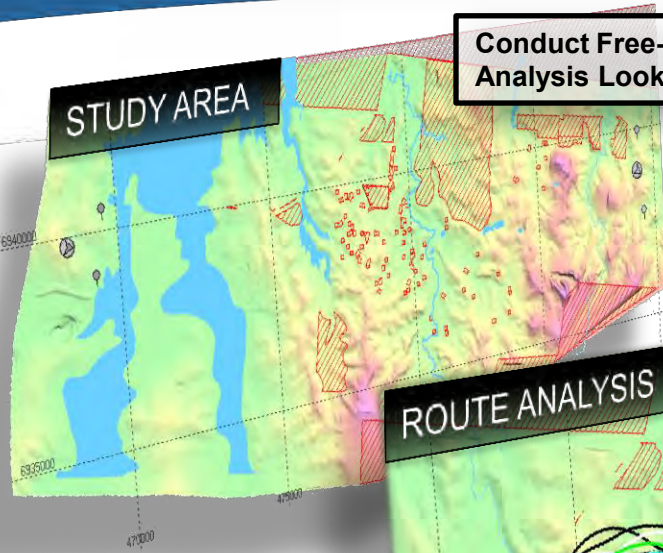
Reach Consensus on Selected Corridor  
Alternative from Nogales to Wickenburg



Set Stage for Future Projects

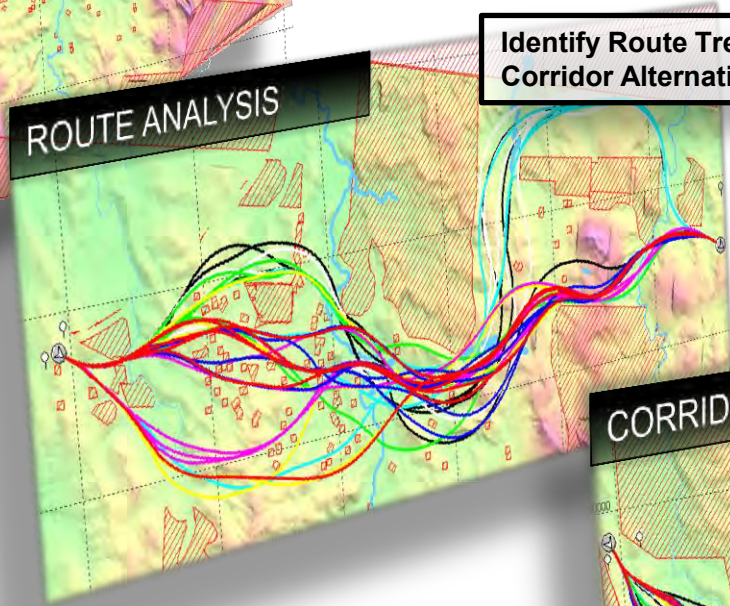


# Identifying Corridor Alternatives



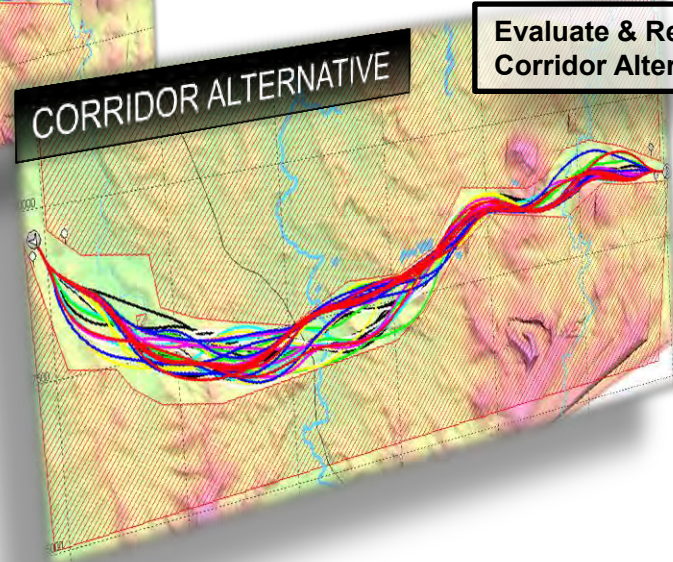
Conduct Free-to-Roam Analysis Looking for Routes

ROUTE ANALYSIS



Identify Route Trends for Corridor Alternatives

CORRIDOR ALTERNATIVE



Evaluate & Refine Corridor Alternatives

*Quantm* will map potential routes for a proposed transportation facility within the I-11 Corridor between Nogales & Wickenburg. The proposed transportation facility could include potential highway, rail, & utility components.

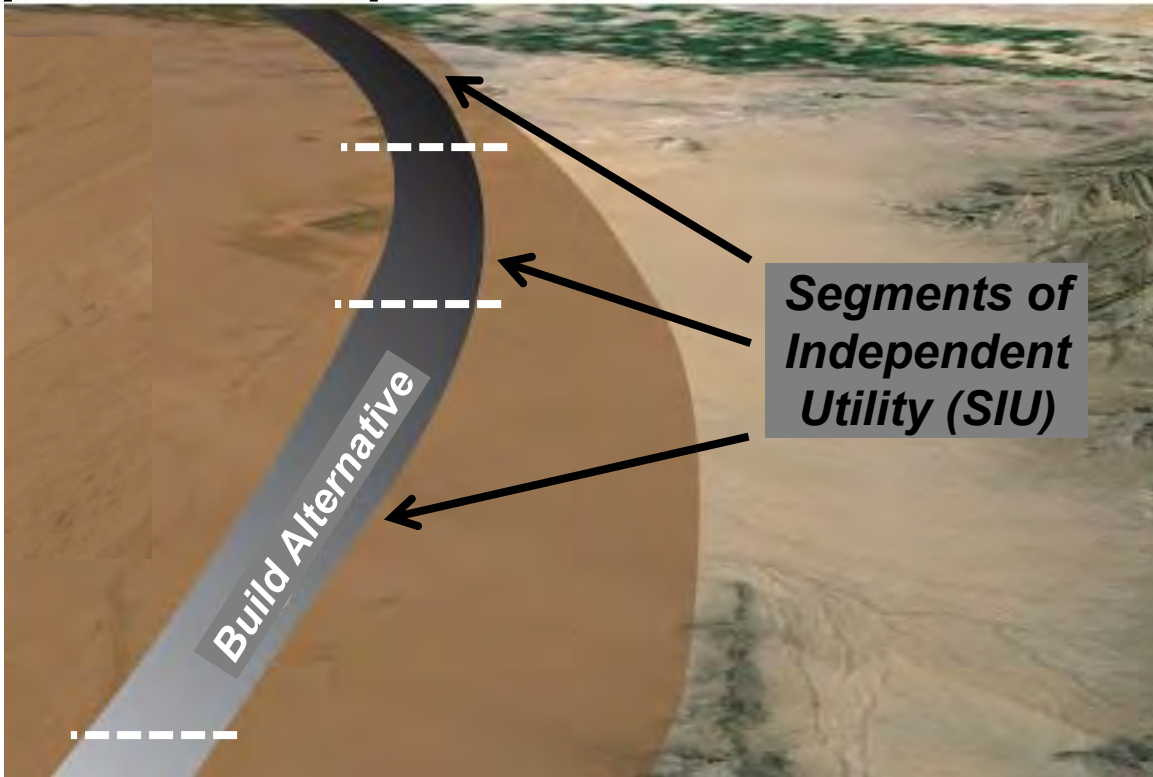
Route trends will emerge for potential *Corridor Alternatives*. They will be analyzed & screened to reduce the number of recommended corridor alternatives that will advance into the Tier 1 EIS.



# Recommended Corridor Alternatives Advance into Tier 1 EIS



← 2,000-Foot *Corridor* in Tier 1 EIS to Assess Social, Economic, & Natural Environment (i.e., Study Area) →

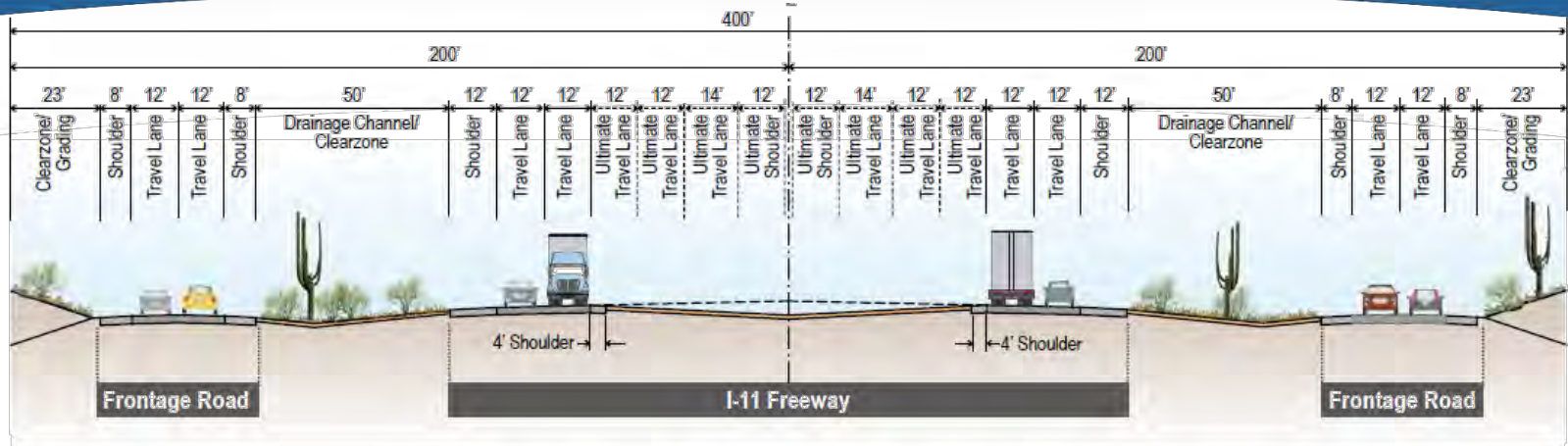


← Proposed Transportation Facility →

*Recommended Corridor Alternatives* will advance into the Tier 1 EIS as “*Build*” *Alternatives* to compare against a “*No Build*” *Alternative* (i.e., do nothing alternative).

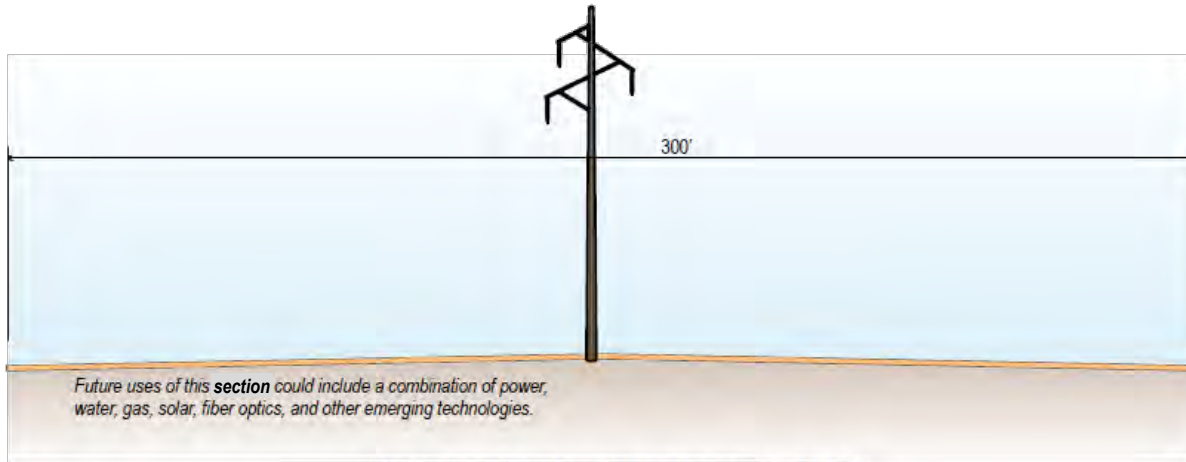
*Build Alternatives* will have smaller, individual projects (or *SIUs*).

# Examples of Potential Corridor Uses

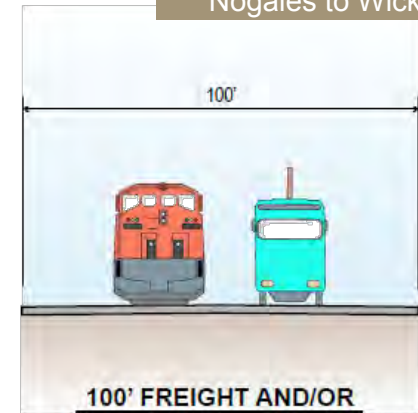


**400' HIGHWAY SECTION: 4 LANE (10 LANE ULTIMATE)**

*Footprint* for the proposed transportation facility will vary based on the typical cross section that is applied from Nogales to Wickenburg.



**300' SECTION FOR MULTIPLE UTILITIES**



**100' FREIGHT AND/OR PASSENGER RAIL SECTION**

400' Highway Section + 300' Utility Section + 100' Rail Section = 800' Right-of-Way

400' Highway Section + 300' Utility Section = 700' Right-of-Way



# What Questions will Tier 1 EIS Answer?



- **Primary Goal is to Reach Consensus on a Selected Corridor Alternative for the I-11 Corridor, including:**
  - ▶ Defined Corridor between Nogales & Wickenburg for Proposed Transportation Facility
  - ▶ Type of Transportation Facility, including Potential Highway, Rail, & Utility Components
  - ▶ Footprint to Accommodate Proposed Transportation Facility
  - ▶ Smaller, Individual Projects (or SIUs) for Future Implementation

***The Tier 1 EIS will Provide a Roadmap for Advancing These Individual Projects in the Future.***

# How Can You Stay Involved?



- **Project E-Mail:** [I-11ADOTStudy@hdrinc.com](mailto:I-11ADOTStudy@hdrinc.com)
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- **Website:** <http://i11study.com/Arizona>
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# I-11 Corridor

THANK YOU!!



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