



TEXAS DEPARTMENT OF TRANSPORTATION



LOOP 9

Public Meeting
September 2013



TEXAS DEPARTMENT OF TRANSPORTATION

LOOP 9

Public Meeting

September 2013

September 24, 2013

5:30 p.m. to 8:00 p.m.

Lancaster Elementary School

1109 West Main Street

Lancaster, TX 75146

September 26, 2013

5:30 p.m. to 8:00 p.m.

Red Oak Intermediate School

401 East Ovilla Road

Glenn Heights, TX 75154

Agenda

- 1 Study Effort
- 2 Study Goals
- 3 Corridor Adjustments
- 4 Program of Projects – Six Steps of Evaluation
- 5 Moving Forward

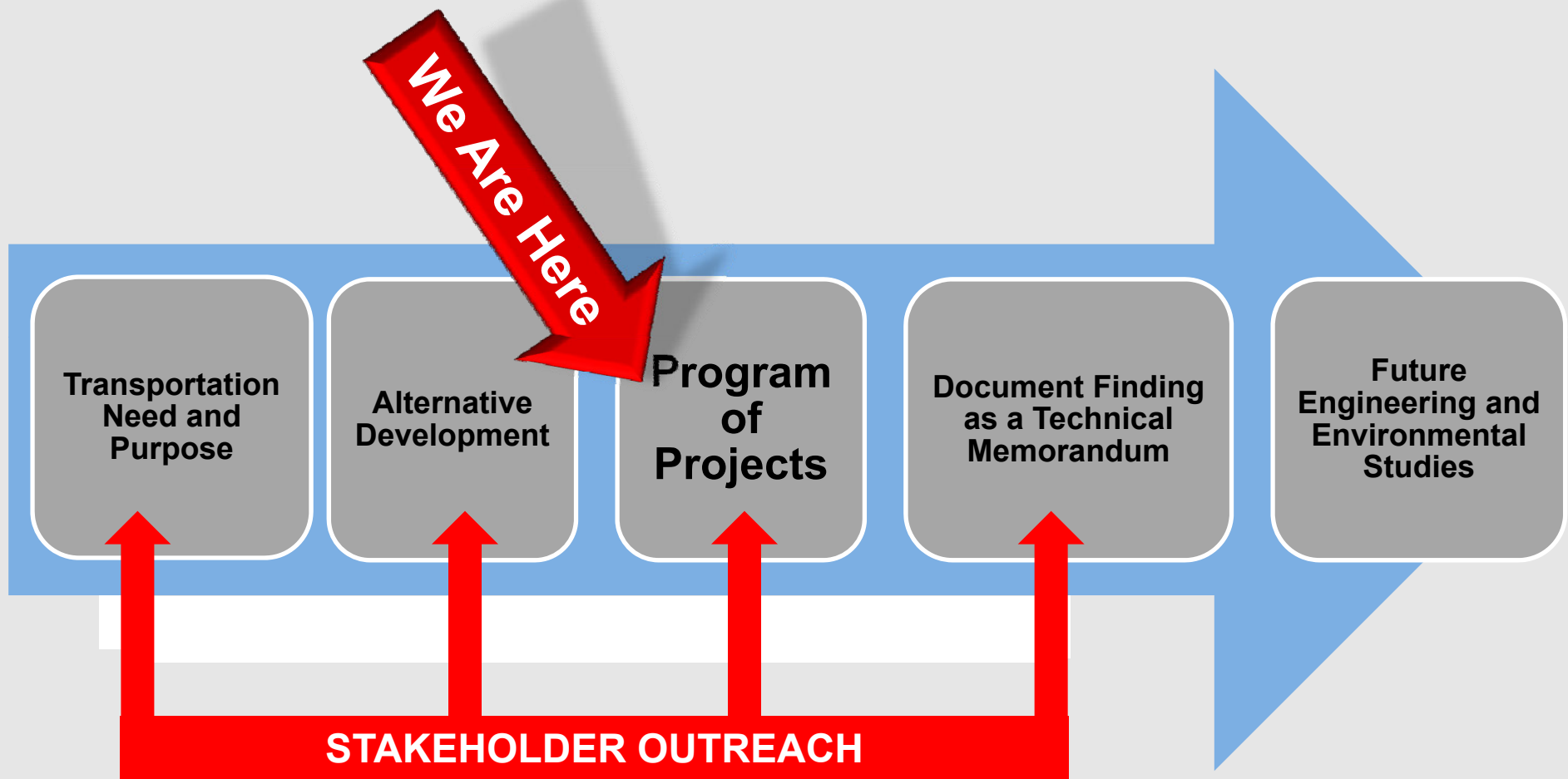
Study Team

- TxDOT Project Manager - Bruce Nolley, P.E.
- Consultant Project Manager - Brian Clark, P.E.
- Other Staff:
 - Project Engineers
 - Project Environmental Specialists
 - Public Involvement
 - TxDOT Right-of-Way

1. Study Effort

- Addressed May 2013 Public Meeting Comments
- Ongoing Coordination
- Completing Traffic Analysis
- Determining Priority of Projects and Phasing
- Preparing Technical Memorandum of Study Results

1. Study Effort



1. Study Effort

- May 16, 2013 – Ferris High School
–220 attendees
- May 23, 2013 – Ovilla Road Baptist Church
–240 attendees
- Received a total of 125 comments
–Summary report available on the Loop 9 website
(www.loop9.org)

1. Study Effort

Major Stakeholder Meetings:

- Skyline Landfill, Waste Management
- Oncor (Distribution and Transmission)
- Burlington Northern Santa Fe Railway (BNSF)
- Union Pacific Railroad (UPRR)
- Holcim (quarry)
- Ash Grove Cement Company
- Trinity River Authority
- International Inland Port of Dallas (IIPOD)

1. Study Effort

Additional Meetings Held Since Local Official Interviews in 2012:

- City of Ferris (Mayor & City Manager)
- City of Cedar Hill (City Council & Public Works Dept.)
- City of Glenn Heights (City Council)
- City of Ovilla (City Council)
- Dallas County (Public Works Dept.)

2. Study Goals

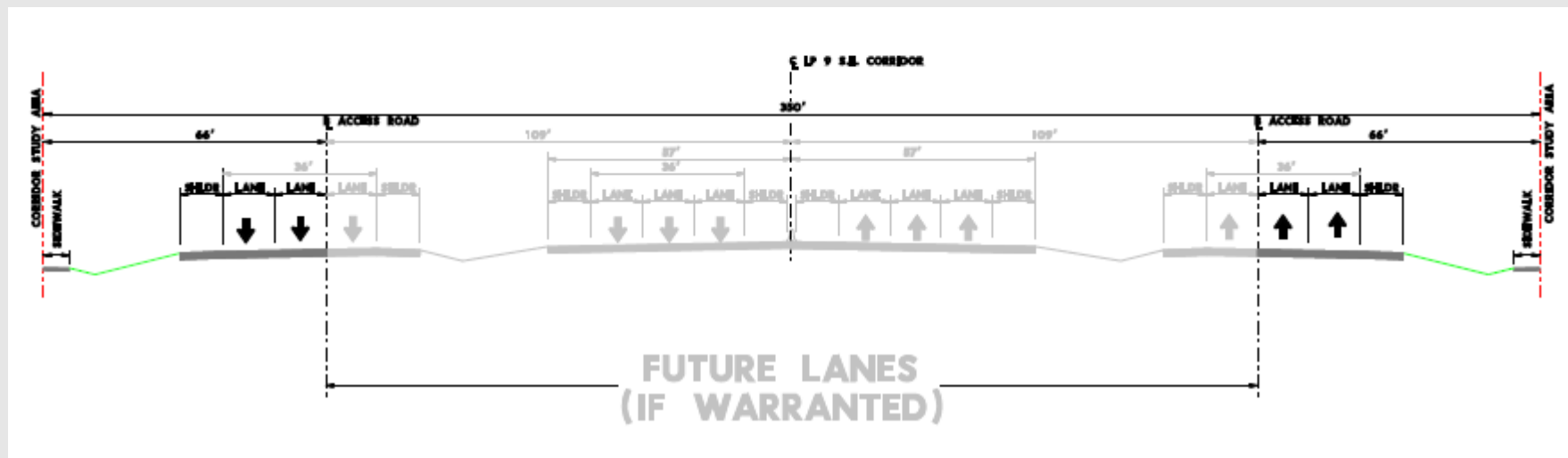
- Solicit input from local officials on area transportation needs
- Gather public input to understand area needs and values
- Determine the transportation problems within the study area

2. Study Goals

- Identify a transportation corridor to address area needs
- Identify smaller transportation projects within the corridor
- Consider the potential for impacts on the natural, socio-economic, and cultural environments
- Recommend a program of transportation projects to advance over the next several years as funding becomes available

2. Study Goals

- Corridor Preservation
- 350 foot ROW with more needed at interchange locations
- Future lanes will only be constructed when warranted and funding is available
- A Program of Projects will document the anticipated needs for the future



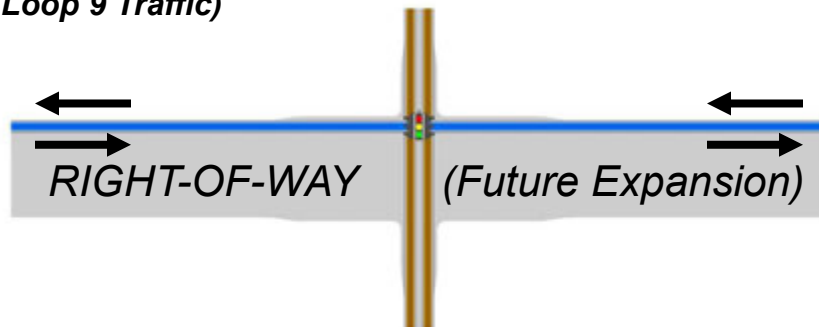
2. Study Goals

PHASE 1:

Two-Way Frontage Road

Volume Range: < 12,000 ADT

(Loop 9 Traffic)

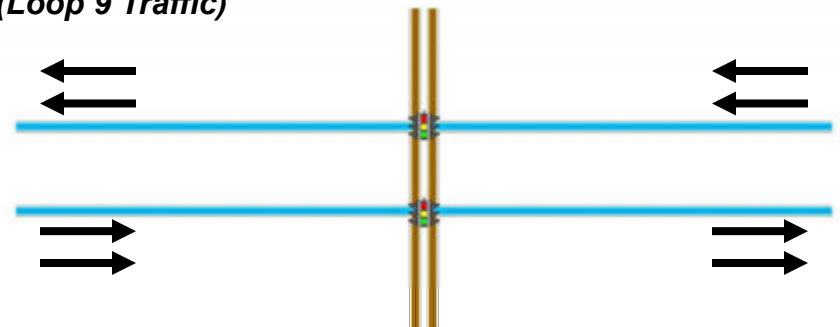


PHASE 2:

One-Way Frontage Roads

Volume Range: 12,000 – 38,000 ADT

(Loop 9 Traffic)

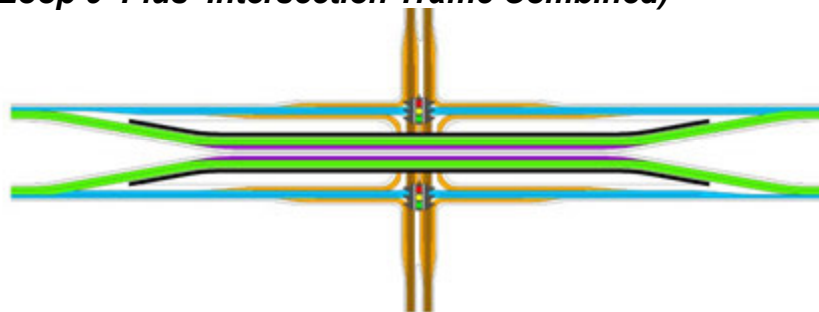


PHASE 3:

Tolled Grade Separation

Volume Range: > 60,000 ADT

(Loop 9 Plus Intersection Traffic Combined)

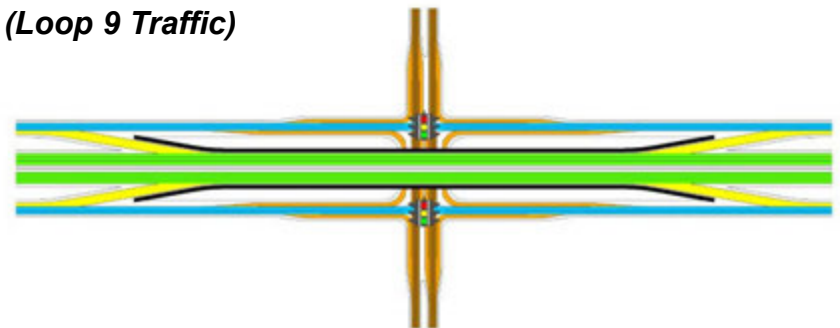


PHASE 4:

Continuous Toll Road

Volume Range: > 38,000 ADT (full segment)

(Loop 9 Traffic)



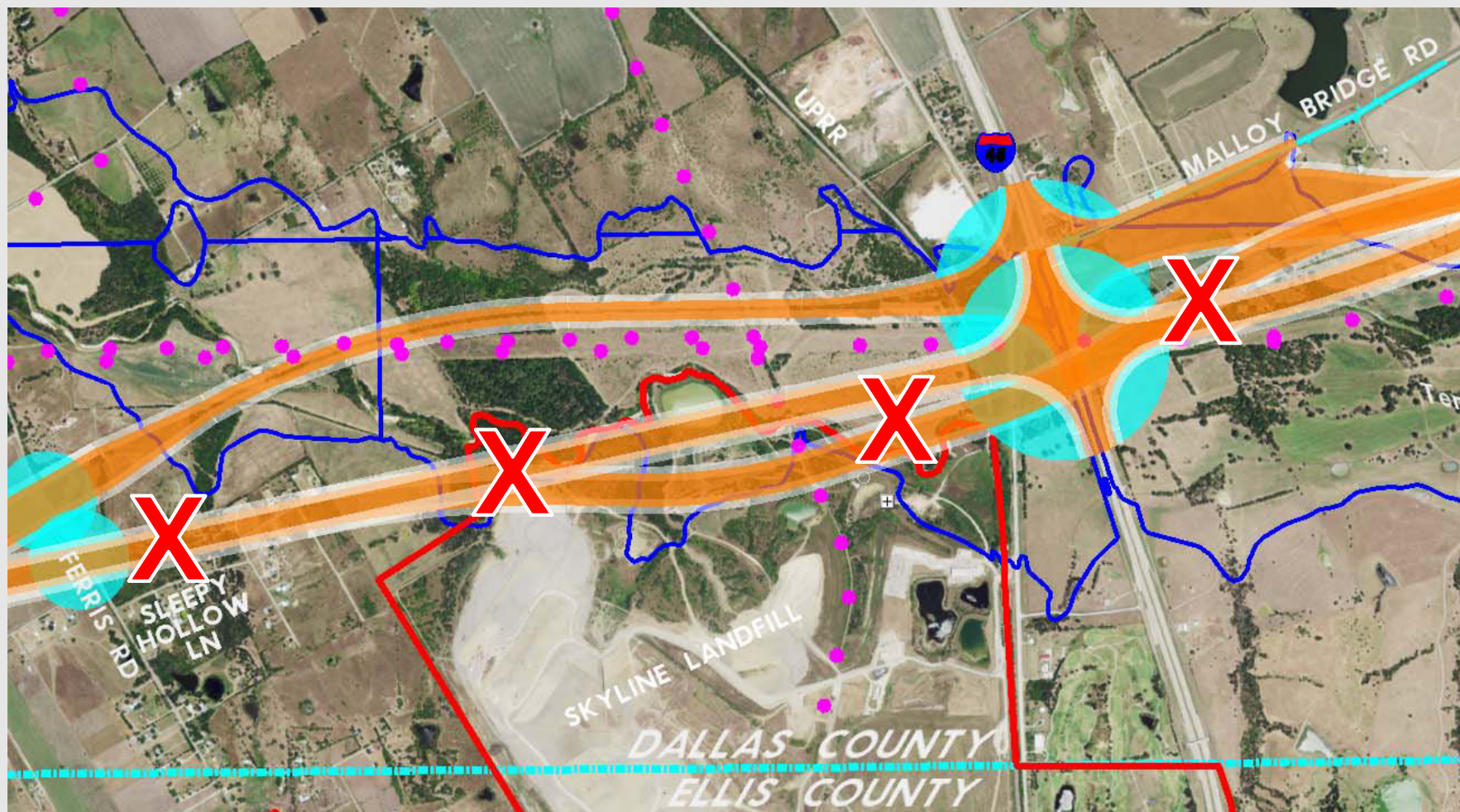
Legend

- | | | | | |
|-----------------------------|------------------------|------------------------|------------------|--------------------------------------|
| Tolled Main Lanes | Two-Way Frontage Roads | Toll Road Access Ramps | Turn Lanes | Lane Boundaries and Edge of Pavement |
| Major Arterial Cross Street | One-Way Frontage Roads | Space for Future Lanes | Grade Separation | |

3. Corridor Adjustments

- Slight shifts made to corridor alignment based on public and local official comments
- Example of a substantial change is the City of Ferris / Skyline Shift

3. Corridor Adjustments



X Alignment Removed From Further Study

4. Program of Projects – Steps of Evaluation

- Step 1: Evaluate Project Needs and Traffic Modeling
- Step 2: Identify Logical Termini
- Step 3: Evaluate Potential Social, Economic, and Environmental Effects
- Step 4: Evaluate Possible Phased Development
- Step 5: Develop Program of Projects
- Step 6: Prioritize Individual Projects

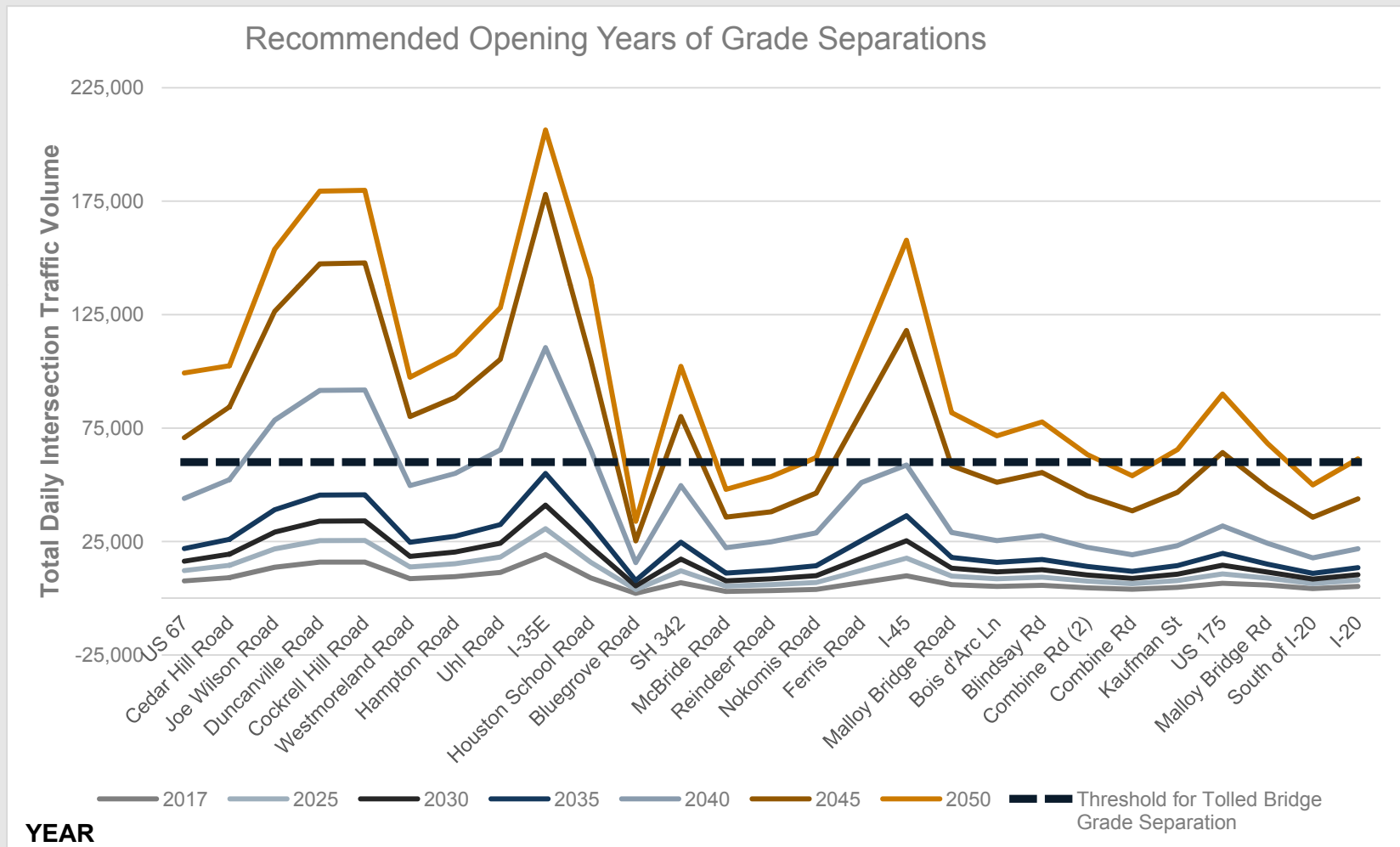
4. Program of Projects – Step 1

Evaluate Project Needs

- Provide East-West Connectivity
- Travel Time Savings
- Provide Support for Economic Development Opportunities

4. Program of Projects – Step 1

Evaluate Traffic Modeling



4. Program of Projects – Step 2

Identify Logical Termini

THREE MAJOR CORRIDORS

Ultimate Facility



A

9.4 miles



B

9.5 miles



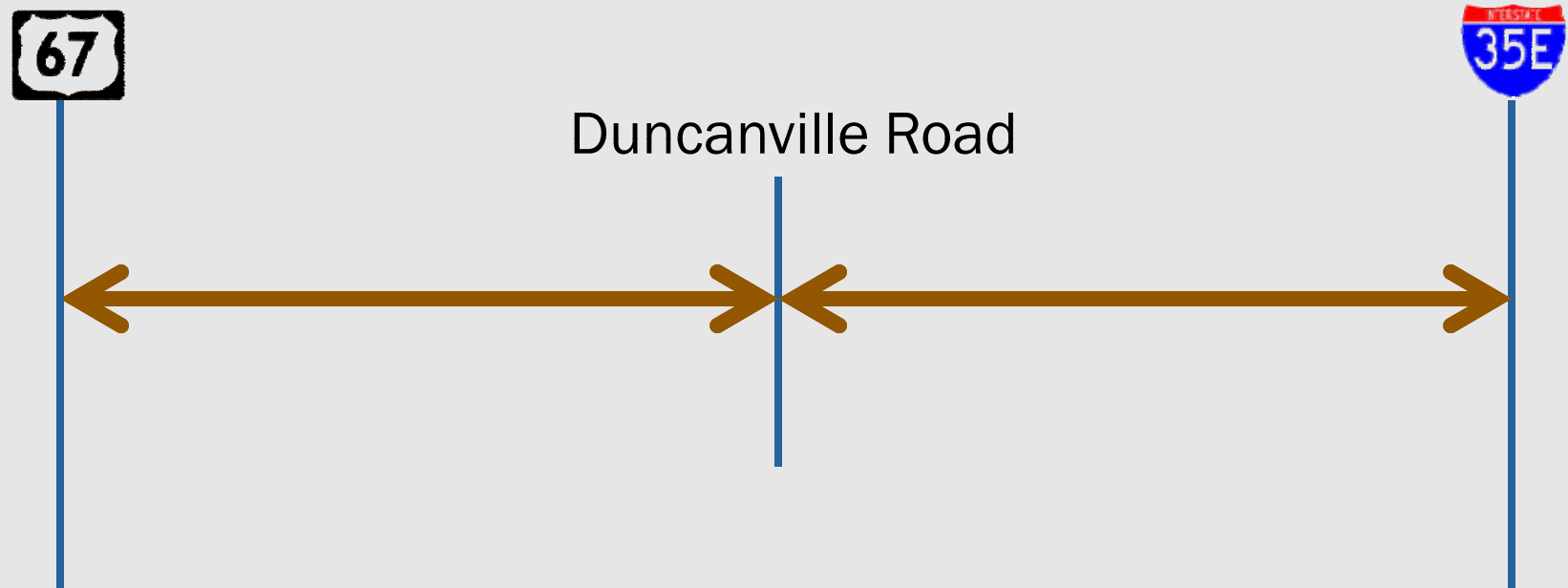
C

15.5 miles



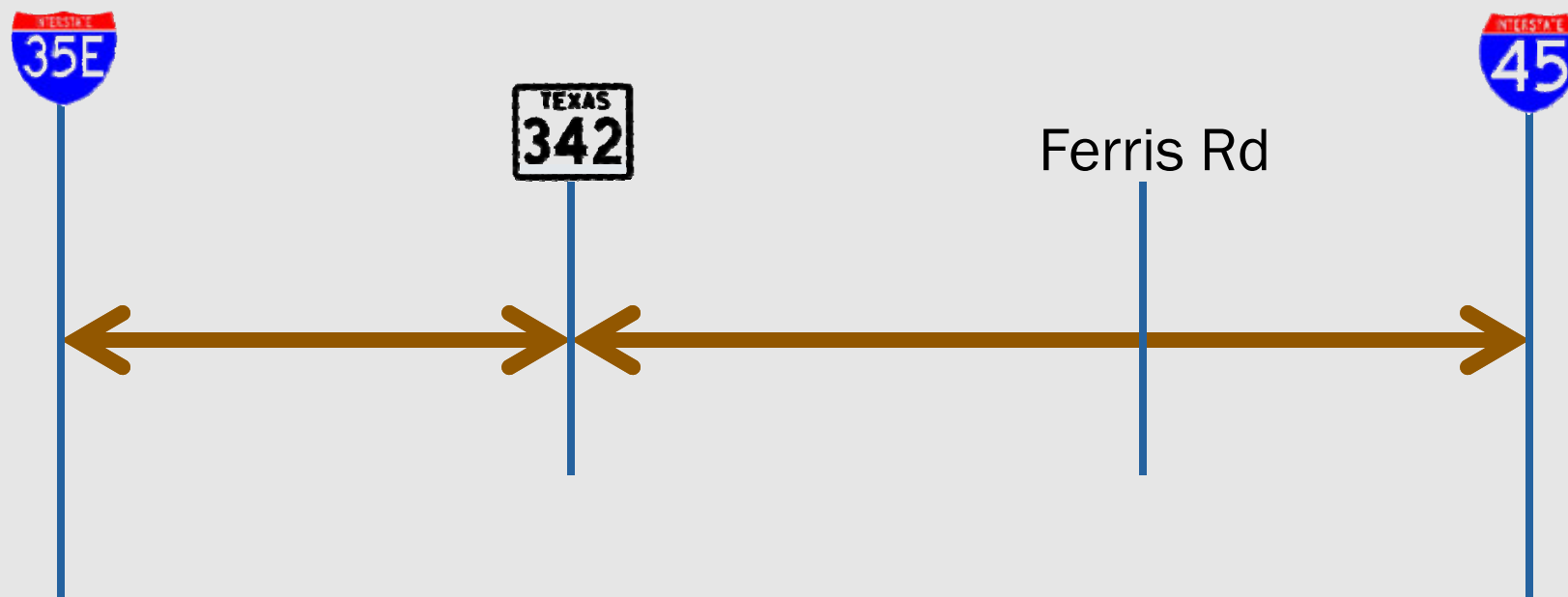
4. Program of Projects – Step 2

Corridor A (Loop 9: from US 67 to I-35E)



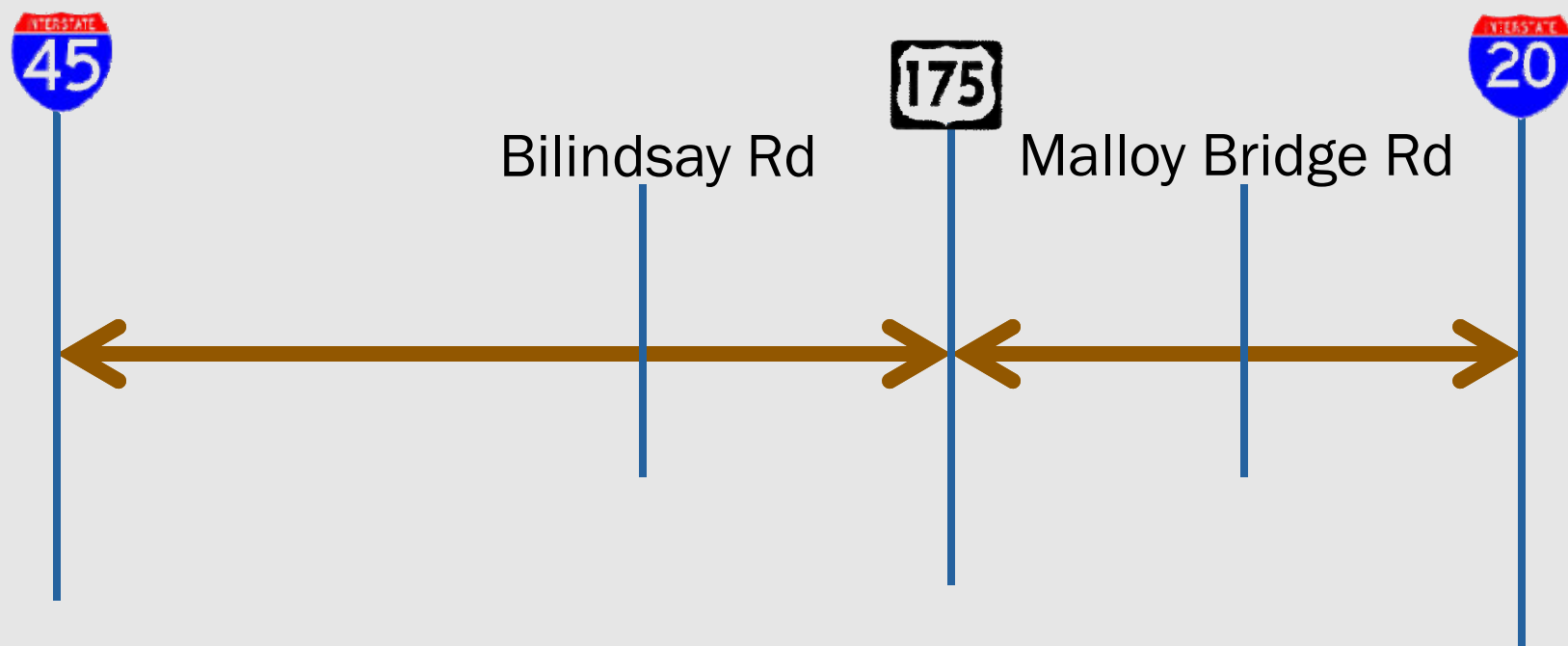
4. Program of Projects – Step 2

Corridor B (Loop 9: from I-35E to I-45)



4. Program of Projects – Step 2

Corridor C (Loop 9: from I-45 to I-20)



4. Program of Projects – Step 3

Evaluate Potential Social, Economic, and Environmental Effects

- Utilized available environmental data from previous documents
- Researched publicly available databases
- Gathered comments from local officials and public for additional data
- See environmental exhibits for additional information

4. Program of Projects – Step 3

3 Major Corridors
Evaluated 6 Logical Termini Sections
Some Sections Have Two Options



4. Program of Projects – Step 3

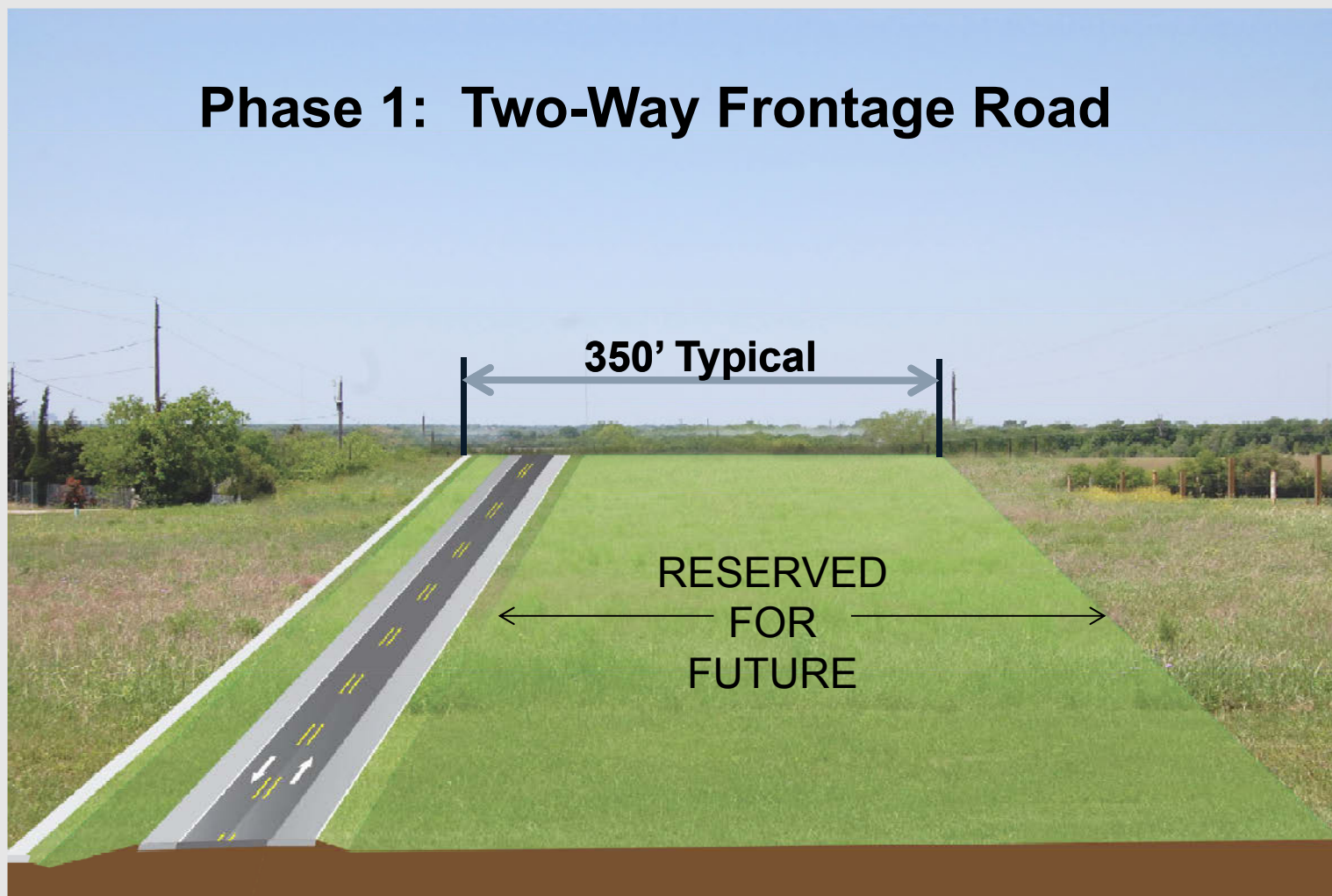
Evaluate Potential Social, Economic, and Environmental Effects

CRITERIA	MEASURE	UNIT	US 67 to Duncanville Road		Duncanville Road to I-35E	I-35E to SH 342		SH 342 to I-45	I-45 to US 175	US 175 to I-20	
			A + B (North Option)	A + C (South Option)	D1 + D2	E + D3 (North Option)	F + D3 (South Option)	D3 + D4	D4 + D5 + D6	D6 + L (West Option)	D6 + M (East Option)
ENGINEERING											
Length	Length of Alternative	miles	4.17	4.23	5.27	2.89	2.80	6.79	11.02	4.52	4.50
Utilities	Railroad Crossings	# of crossings	1	1	0	1	1	1	0	0	0
Drainage	Floodplains	# of crossings	1	2	3	1	1	1	3	6	7
	Floodplains	miles	0.18	0.20	0.69	0.17	0.13	1.82	4.75	2.43	2.49
ENVIRONMENTAL*											
Relocations	Residential	#	11	16	63	11	17	8	8	3	3
	Commercial	#	3	2	6	5	7	0	4	0	0
Historic	Historic-age Resource Site	#	0	0	4	3	3	5	14	4	3
Stream Crossings	Stream Crossings	#	3	4	0	1	0	1	6	3	2
Ponds	Ponds	#	3	6	0	1	0	2	30	9	10
Wetlands	Wetlands	acre	0.55	1.42	0.00	0.03	0.00	0.33	43.23	3.93	3.60

4. Program of Projects – Step 4

Evaluate Possible Phased Development

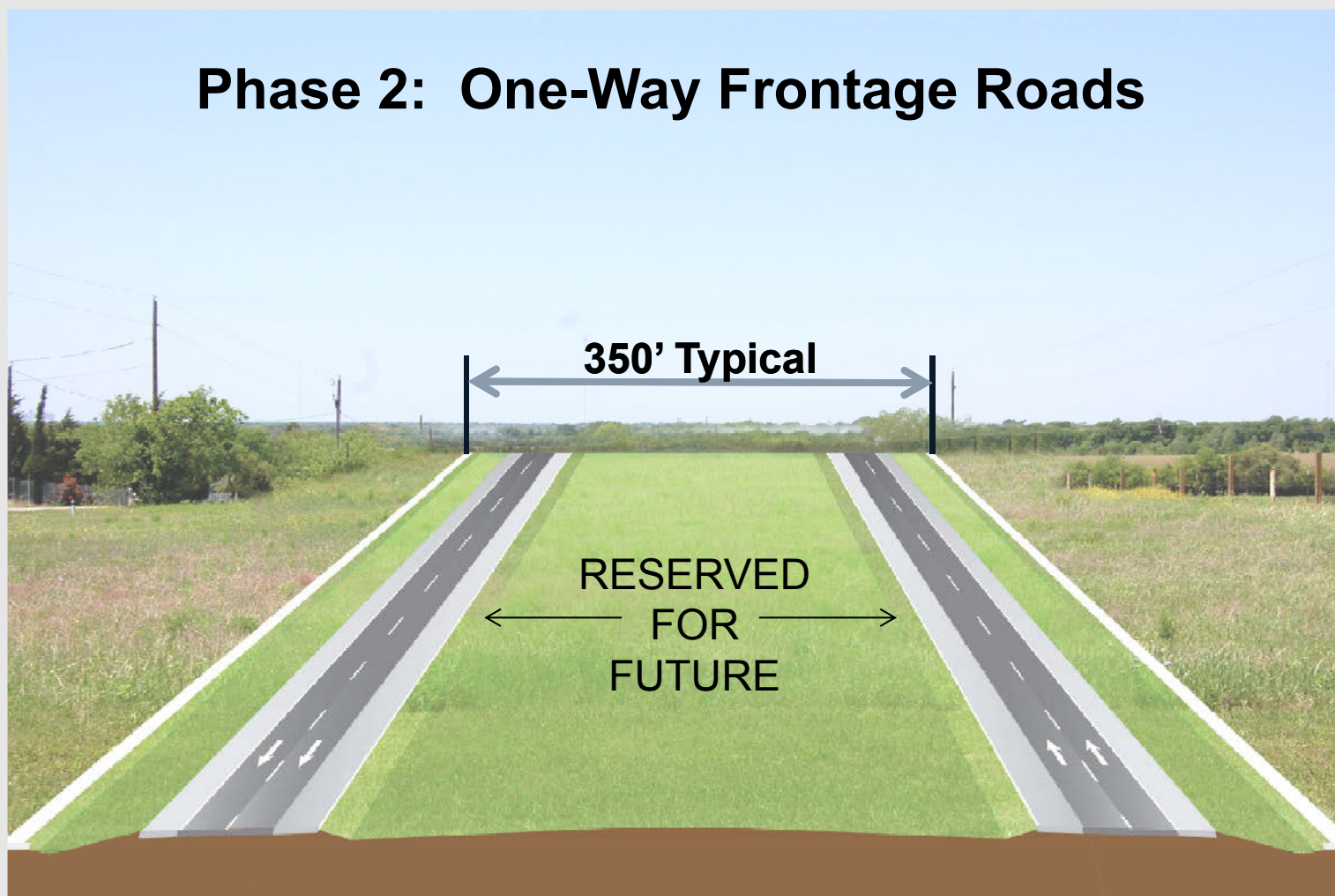
Phase 1: Two-Way Frontage Road



4. Program of Projects – Step 4

Evaluate Possible Phased Development

Phase 2: One-Way Frontage Roads

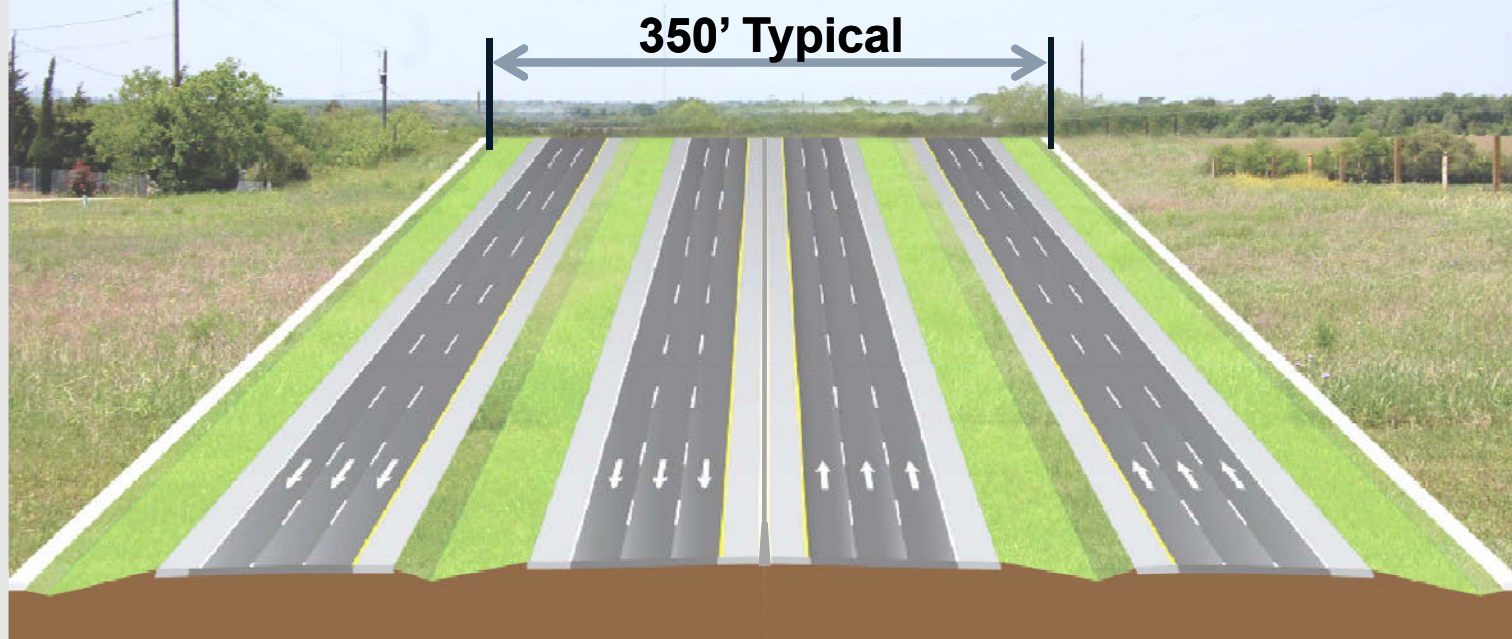


4. Program of Projects – Step 4

Evaluate Possible Phased Development

Phases 3 and 4: Continuous Toll Road With Possible Tolloed Grade Separations

(FUTURE LANES – IF WARRANTED - full, controlled access facility)



4. Program of Projects – Steps 5 and 6

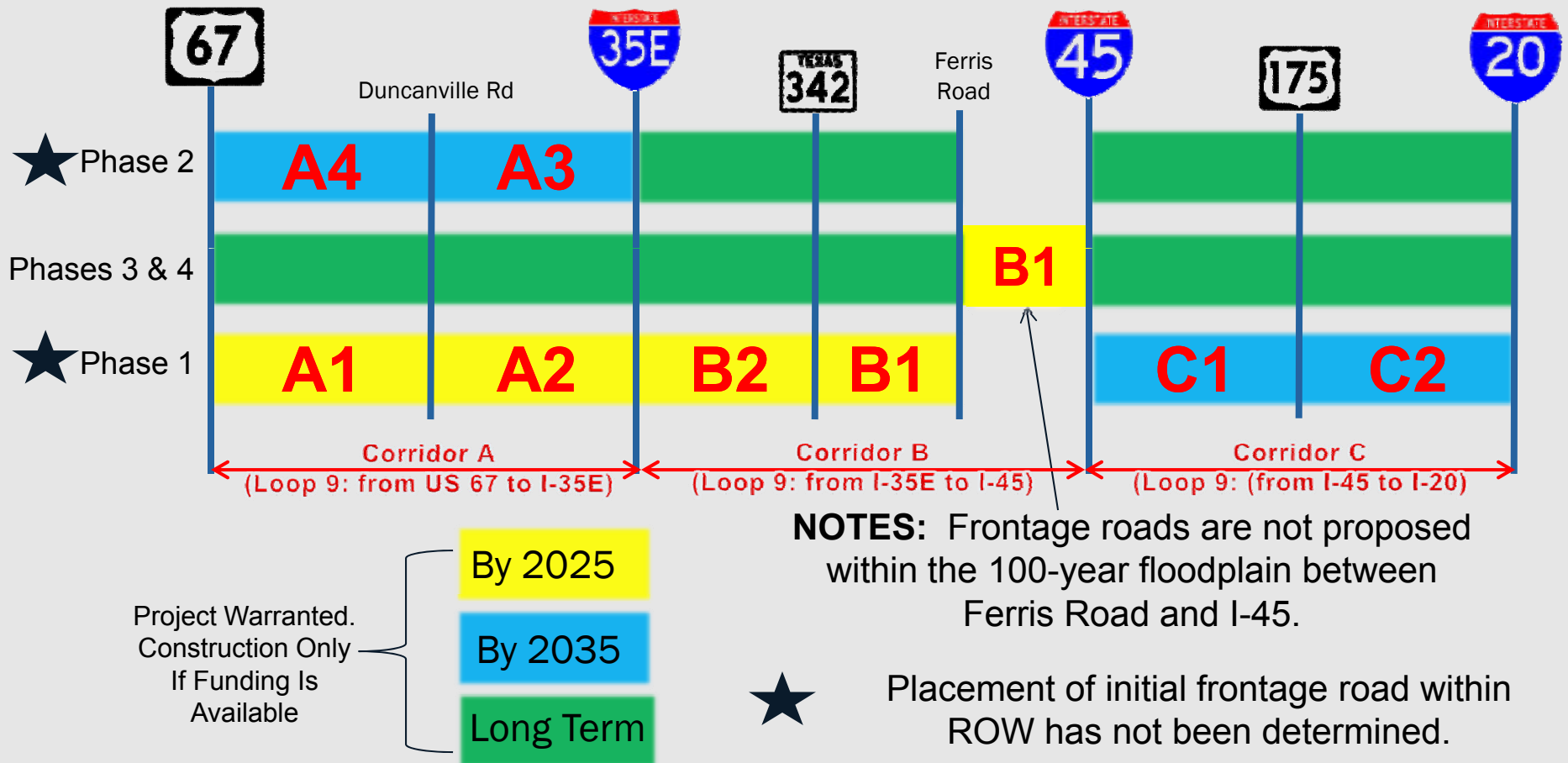
Develop Program of Projects and Prioritize Individual Projects

CRITERIA	MEASURE	CORRIDOR A US 67 to I-35E	CORRIDOR B I-35E to I-45	CORRIDOR C I-45 to I-20
Section Length	mile	9.4	9.5	15.5
Total Estimated Cost (in 2013 \$) *	\$	\$771 M	\$710 M	\$1.3 B
Anticipated Growth	High, Med, Low	High	High	Low
Supports economic development opportunities (IIPOD, etc.)	High, Med, Low	Med	High	Low
Supported by Local Governments	Yes, No	Yes	Yes	Yes
Supported by Major Stakeholders	Yes, No	Yes	Yes	Yes
Impact on Human (Built) Environment (displacements, cultural resources, etc.)	High, Med, Low	High	Med	Low
Impact on Natural Environment (wetlands, habitat, etc.)	High, Med, Low	Med	High	Med
Impacts to Major Utilities (transmission lines, railroads, TV towers, pipelines, etc.)	Yes, No	Yes	Yes	No

* Construction, Right-of-Way and Utilities

4. Program of Projects – Steps 5 and 6

Prioritize Individual Projects

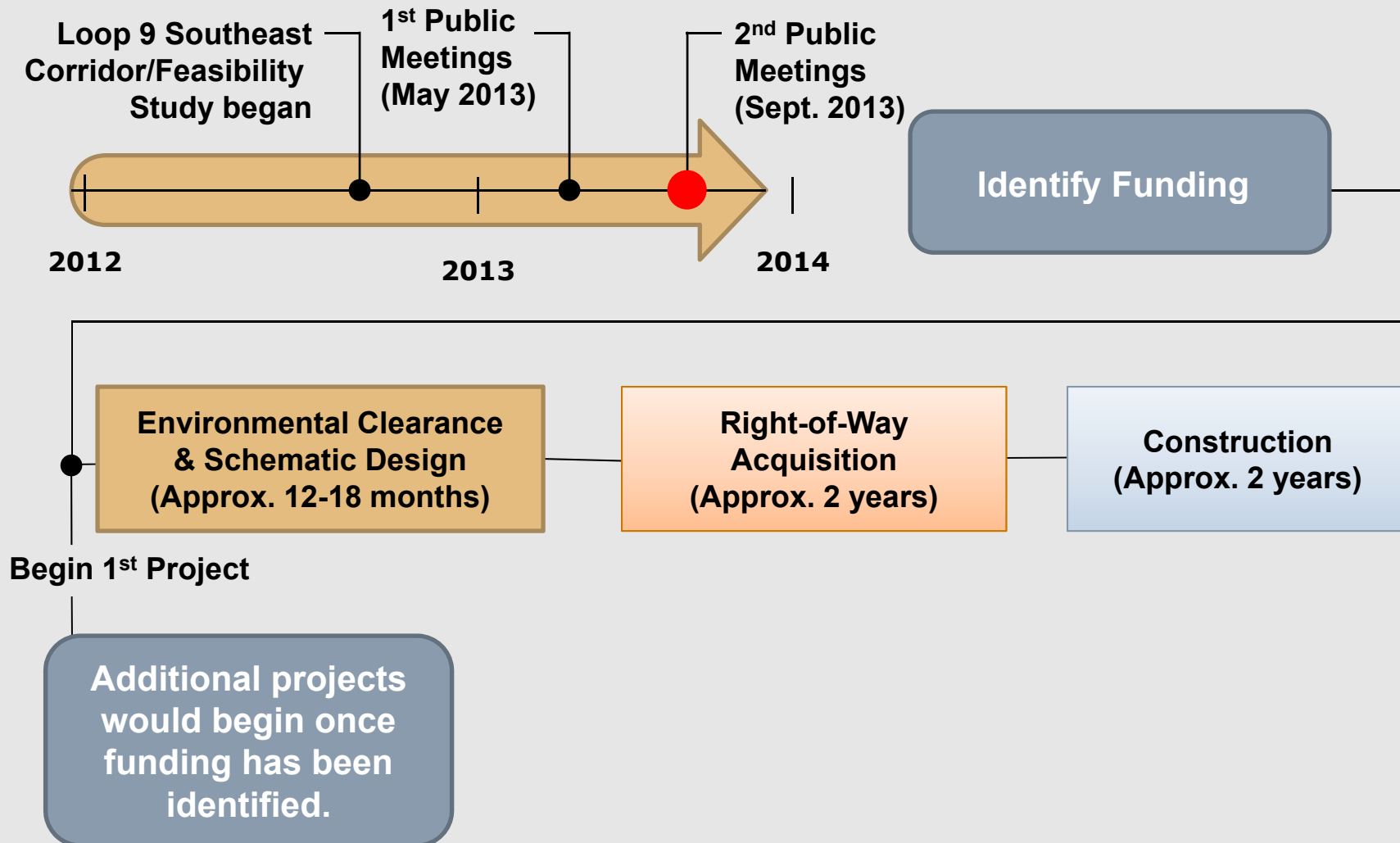


4. Program of Projects

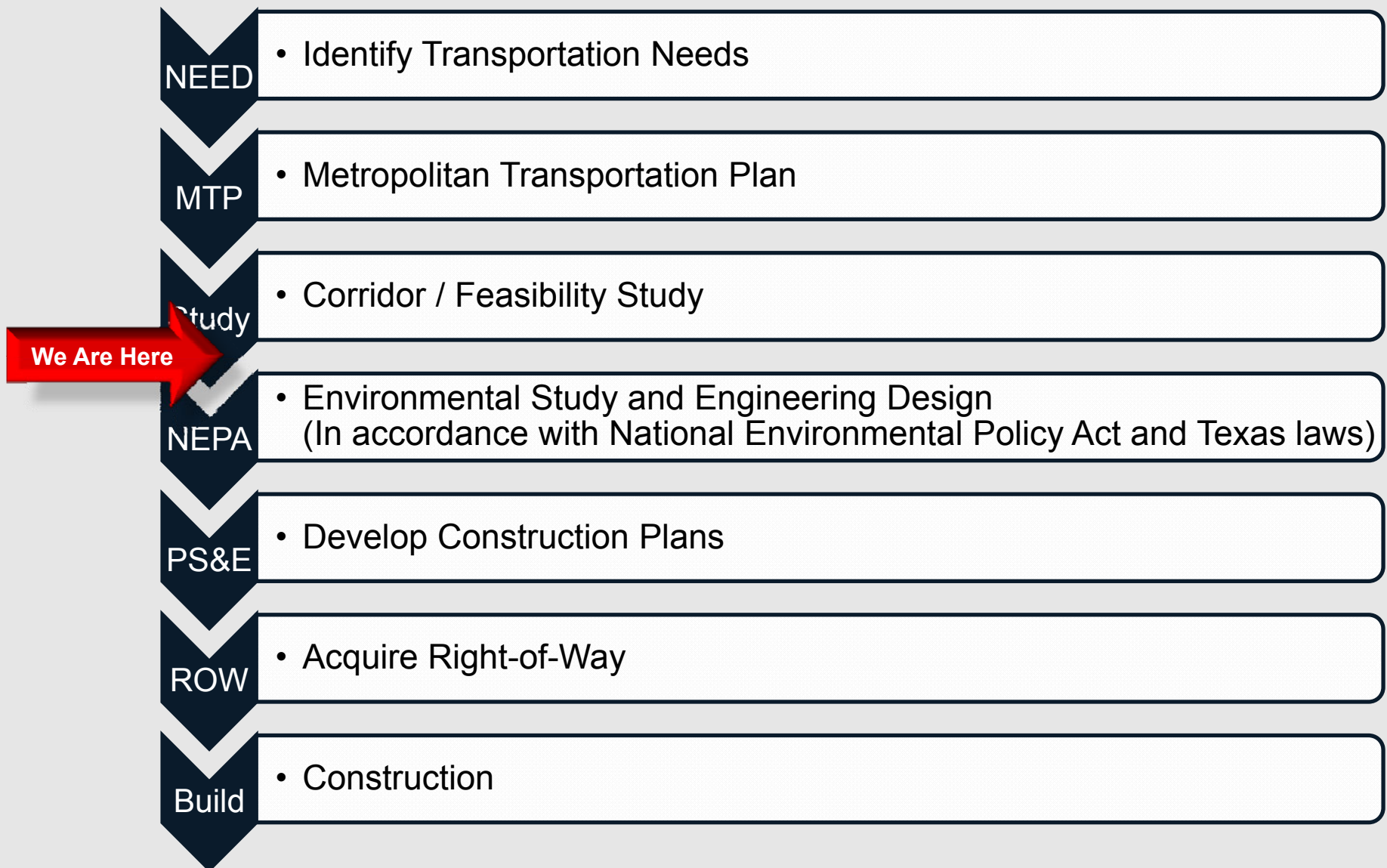
Summary

- Priority corridors are:
 - Corridor A (Loop 9: from US 67 to I-35E)
 - Corridor B (Loop 9: from I-35E to I-45)
- Portions of Phase 1 are warranted by 2025
- The rest of Phase 1 and portions of Phase 2 are warranted by 2035
- The rest of Phase 2 and all of Phases 3 and 4 are warranted beyond 2035 and considered long term projects
- Subsequent sections will be further evaluated based on needs and available funding

5. Moving Forward



5. Moving Forward



Submit comments by Monday, October 7, 2013 to:

Bruce Nolley, P.E.

Texas Department of Transportation

Dallas District Office

4777 East Highway 80

Mesquite, Texas 75150

By E-mail: comments@loop9.org

Website: www.loop9.org