



**Lubbock Outer Route Study**  
**Thursday, May 29, 2014, 2:00 PM**  
**TxDOT Lubbock District Office, Mesquite Room – Training Center**  
**Stakeholder Meeting Summary**

Name	Organization
Brian Baker	S. Plains Community Action Association
H. David Jones	Lubbock Metropolitan Planning Organization
Macy Satterwhite (Alt. for Pat Henderson)	Cooper ISD
Mike Lamberson	City of Slaton
George McMahan	West Texas Home Builders Association
Darrell Newsom	City of Wolfforth
Nick Olenik	Lubbock County
Drew Paxton	City of Lubbock
Neil Welch	City of Lubbock
TxDOT and Consultants	
Roger Beall	TxDOT TPP
Doug Eichorst	TxDOT LBB District Engineer
Steve Warren	TxDOT LBB Project Manager
Jerry Cash	TxDOT LBB
Karen Bradshaw	TxDOT LBB ENV
Joni Hutson	TxDOT LBB
Cary Karnstadt	TxDOT Austin
Clay Churchill	TxDOT Childress
Julia Jerome (by phone)	TxDOT OPI
Nishant Kukadia	Jacobs
Michael Sexton	Jacobs Project Manager
Chris Lazaro	Jacobs
Sonia Jimenez	Ximenes & Associates

**MEETING OBJECTIVES:** Review evaluation of the revised options and select recommended options for each segment.

**Welcome/Introductions..... Doug Eichorst, P.E.**

Mr. Eichorst opened the meeting and welcomed everyone. The stakeholders, TxDOT personnel, and the consultants introduced themselves. Mr. Eichorst explained the next steps in the process are to narrow the route options and select recommended route options for public review. Additionally, the number of public meetings has been increased, in order to get the route right and ensure the community leads the effort.

**Review of Last Meeting Summary ..... Steve Warren, P.E.**

Steve Warren, TxDOT TP&D Project Manager, briefly reviewed the outcomes from the last stakeholder meeting. Specifically, the stakeholder group took the various route options presented at the February public meeting, discussed the public comments, and made adjustments to the route options. Since the last stakeholder meeting, the consultant has evaluated the route options and TxDOT will be presenting the revised route options today.

**Review Revised Options ..... Steve Warren, P.E.**

Mr. Warren continued by presenting the revised route options. He showed the group the evaluation criteria utilized by the consultant as well as the extensive environmental criteria required by NEPA. He stated a detailed environmental study will be conducted once a preferred route is determined.

**Review Evaluation of the Options & Select Recommended Option ..... Steve Warren, P.E.**

The evaluation criteria are based on a “+2” rating for fewer negative impacts and “-2” for greater negative impacts. The evaluation process looked at projected traffic demand, projected population growth, and social, environmental and economic (SEE) impacts, as well as engineering aspects. The results were presented using colors with green indicating minimal negative impacts, yellow indicating more negative impacts than green, and red indicating an undesirable number of negative impacts.

The route options based on the February meeting and the revised route options of each segment were presented in detail, and there was group discussion of each as it related to the evaluation results and public sentiment. The resulting route options took into consideration future connectivity to the airport, railroad crossings, existing structures, engineering aspects, and environmental and socioeconomic (displacements) impacts. There was also some discussion of phasing as funding becomes available. The following chart indicates the route options presented in February, the revised route options presented at today’s meeting, and the revised nomenclature that will be used at the Public Meeting in June for simplicity:

Segment Name (as of Feb. 25, 2014)	Status (prior to 5/29 Stakeholder Meeting)	Segment Name (for June Public Meeting)	Status (for June Public Meeting)
<b>Segment 1</b>			
1Aw	Eliminated		
1Ae	Eliminated		
1Bw	Eliminated		
1Be	Eliminated		
1Cw	Eliminated		
1Ce	Eliminated		
1Dw	Eliminated		
1De	Eliminated		
1Ew	Minor Changes	1A	
1Ee	Minor Changes	1B	
1Fw	Eliminated		
1Fe	Eliminated		
1Gw	Minor Changes	1C	
1Ge	Minor Changes	1D	Recommended
<b>Segment 2</b>			
2Aw	Minor Changes	2A	
2Ae	Minor Changes	2B	
2Bw	Eliminated		
2Be	Eliminated		
--	2Cw Added	2C	
--	2Ce Added	2D	Recommended
<b>Segment 3</b>			
3A	Eliminated		

Segment Name (as of Feb. 25, 2014)	Status (prior to 5/29 Stakeholder Meeting)	Segment Name (for June Public Meeting)	Status (for June Public Meeting)
3B	Eliminated		
3C	No Change	3C	
3D	Eliminated		
3E	Eliminated		
3F	Eliminated		
--	3G Added	3A	
--	3H Added	3B	
--	3I Added	3D	Recommended
--	3J Added	3E	
<b>Segment 4</b>			
4A	No Change	4A	
4B	No Change	4B	
4C	No Change	4C	
4D	Eliminated		
4E	Minor Changes	4D	Recommended

Michael Sexton reviewed the comprehensive scoring evaluation. He explained that some of the evaluation factors that received lower scores (more impacts) have more to do with the built environment impacts rather than natural environment issues. However, playa lakes are an issue in some areas and these areas have a potential for being archeological sites with extensive natural environmental impacts. If an archaeological site is discovered, a lot of mitigation could be necessary.

There was a very brief discussion of the schedule and possible construction staging. Mr. Warren emphasized there is no funding identified beyond this current effort. When an environmental study gets funding and is under way, segments may be prioritized.

**Public Meeting #2 ..... Steve Warren, P.E.**

The group considered a few dates for the next public meeting. The recommended route options determined at this meeting will be presented for public comments. Stakeholders provided input for the public presentation. The meeting will take place at the Lubbock-Cooper Performing Arts Center with a starting time of 5:30 p.m. with a presentation at 6:00 p.m. There will be a press release, display ads, a mail out and an e-mail blast to attendees from the previous meeting.

**Next Steps ..... Doug Eichorst, P.E.**

Mr. Eichorst expressed his appreciation to the group for helping with the tough decisions. He also believes the group made progress in refining the route options at this meeting. The second public meeting will be in June and the final public meeting for this effort will occur in Summer/Fall of this year.

**Adjourn ..... Steve Warren, P.E.**

Mr. Warren thanked the attendees for their time and insights. The meeting was adjourned at approximately 3:45 p.m.

# **Attachment 1**

## **Agenda**

**AGENDA**

Lubbock Outer Route Study  
Stakeholder Meeting #5  
Thursday May 29, 2014, 2:00 pm to 4:00 pm  
TxDOT Lubbock District Office Training Center  
135 Slaton Road, Lubbock, TX 79404  
Bluebonnet Room

**MEETING OBJECTIVES:** Review evaluation of the revised options and select recommended options for each segment

Welcome/Introductions.....Doug Eichorst, P.E.

Review of last Meeting Summary ..... Steve Warren, P.E.

Review Revised Options ..... Steve Warren, P.E.

Review Evaluation of the Options & Select Recommended Option ..... Steve Warren, P.E.

Public Meeting #2 ..... Steve Warren, P.E.

Next Steps .....Doug Eichorst, P.E.

Adjourn

# **Attachment 2**

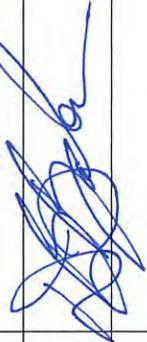
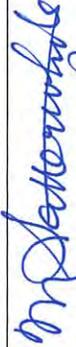
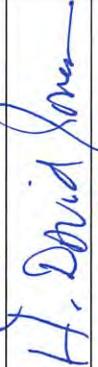
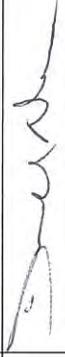
## **Sign-In Sheets**

Lubbock Outer Route Study Stakeholder Meeting  
 Thursday, May 29, 2014, 2:00 PM  
 TxDOT Lubbock District Office – Bluebonnet Room  
 135 Slaton Road, Lubbock, TX 79404  
 General Sign-in

Name (Please Print)	Representing	E-mail address (optional)
Sonia Jimenez	Ximenez & Assoc.	Sjimenez@xa-sa.com
Karen Bradshaw	TxDOT	karen.bradshaw@txdot.gov
Clay Churchill	TxDOT	clay.churchill@txdot.gov
Roger Bahl	TxDOT	roger.bahl@txdot.gov
Michael Sexton	JACOBS	michael.sexton@jacobs.com
NISHANT KUKADIA	JACOBS	NISHANT.KUKADIA@JACOBS.COM
Chris Lazaro	JACOBS	Christopher.Lazaro@jacobs.com
Cary Karnstadt	TxDOT	
Joni Hutson	TxDOT	
Maurice Pearl	Citibus	mpearl@citibus.com
Julie Jerome by phone	TxDOT	
Steve Warren	TxDOT	
Larry Cash	TxDOT	
Bryan Ellis	TxDOT	bryan.ellis@txdot.gov
Kristi Schwartz	TxDOT	
DOB BUCHHEIT	TxDOT	dob.buchheit@txdot.gov

**Lubbock Outer Route Study Stakeholder Meeting**  
**Thursday, May 29, 2014, 2:00pm**  
**TxDOT Lubbock District Office – Bluebonnet Room**  
**135 Slaton Road, Lubbock, TX 79404**

**Members**

Attending (✓)	Member	Representing	Alternate (Print Name)	Signature
	Brian Baker	South Plains Community Action Association		
	Mark Heinrich	Lubbock County		
	Pat Henderson	Cooper ISD	Macy Satterwhite	
✓	H. David Jones	Lubbock MPO		
✓	Mike Lamberson	City of Slaton		
✓	George McMahan	West Texas HBA		
✓	Darrell Newsom	City of Wolforth		
✓	Nick Olenik	Lubbock County		
✓	Drew Paxton	City of Lubbock		
	Mayor Glen Robertson	City of Lubbock		
	Stacy Smith	Plains Cotton Growers		
	David Vroonland	Frenship ISD		
✓	Neil Welch	City of Lubbock		

# **Attachment 3**

## **Presentation**


TEXAS DEPARTMENT OF TRANSPORTATION










## LUBBOCK OUTER ROUTE

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**Stakeholder Meeting #5**

**May 29, 2014**

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### Evaluation Criteria – Congestion/Mobility and Safety

- Congestion/Mobility:
  - ✓ Average Estimated Traffic Demand (2040)
  - ✓ Population within 2 miles
- Safety
  - ✓ Potential for Reduction in Crashes (2040)

### Evaluation Criteria – Socio-economic Factors

- Potential Impact to Tax Rolls
- Number of Parcels Impacted
- Potential Residential Displacements
- Potential Impact to Land Use
  - ✓ Residential
  - ✓ Commercial
  - ✓ Agricultural
  - ✓ Other

### Evaluation Criteria – Environmental Factors

- Floodplains
- Additional Impervious Cover
- Wetlands
- Playa Lakes
- Water Wells
- Streams
- Potential Wildlife Habitat
- Potential Historic Sites
- Cemeteries
- National Historic Register Sites
- Recorded Texas Historic Landmarks
- Official Texas Historical Markers
- Parks
- Potential Archaeological Resources
- Potential Hazmat sites
- Prime Farmland
- Potential Traffic Noise Receptors
- Oil/Gas wells
- Oil/Gas Pipelines

### Evaluation Criteria – Engineering Factors

- Amount of Existing Pavement Utilized
- Total Right-of-Way Required
- Estimated Construction Cost (Interim and Ultimate)
- Number of Stream Crossings
- Number of Bridges
- Segment Length





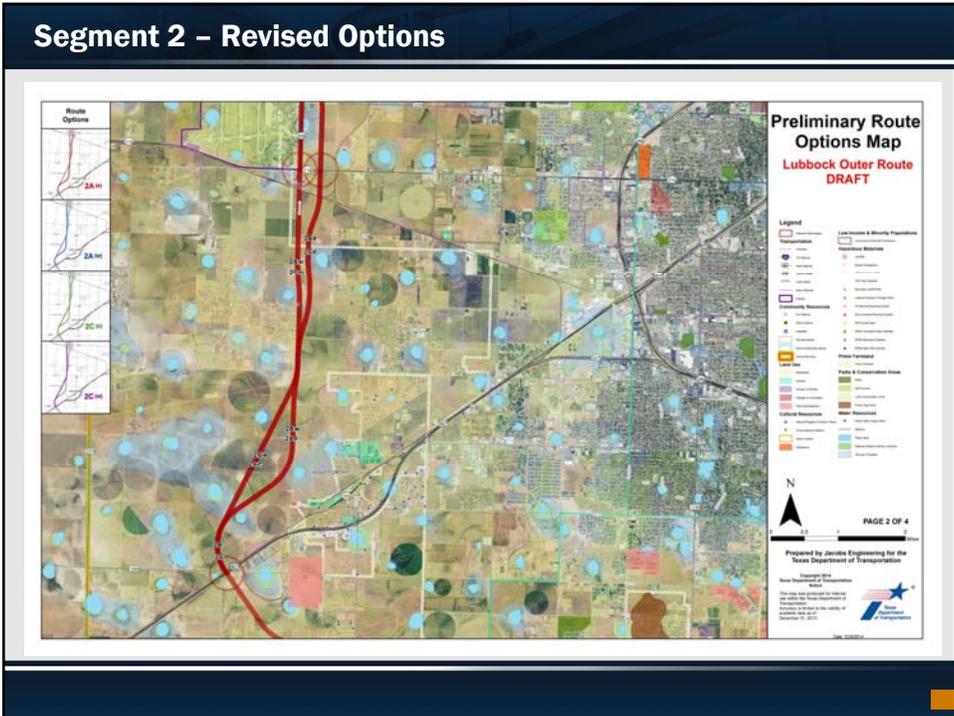
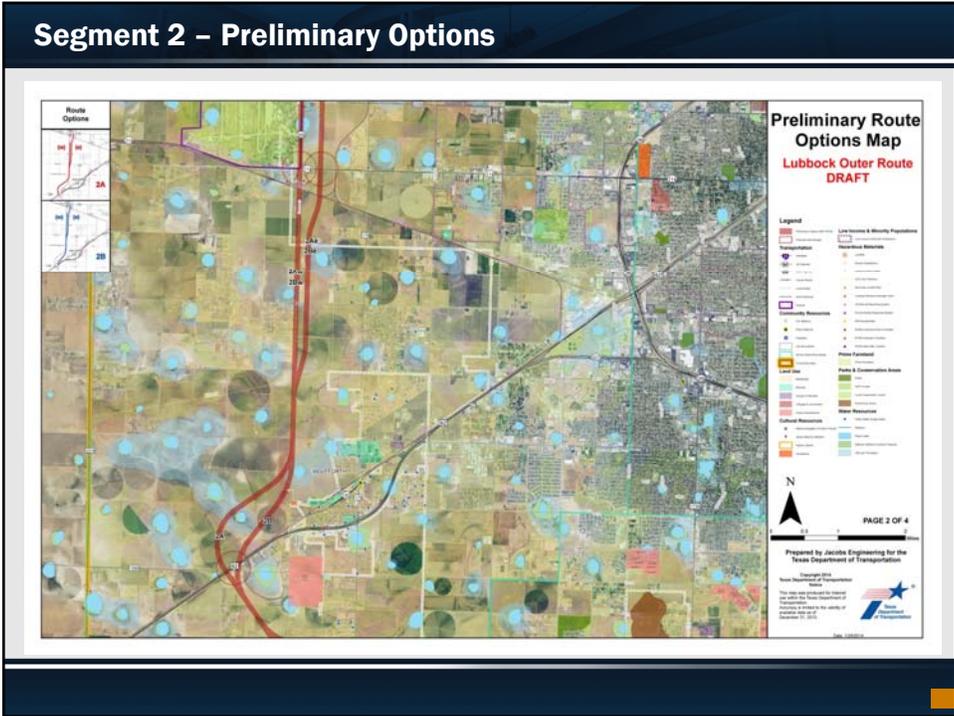
Segment 1 - Evaluation		Socio-economic Factors			
Socio-Economic Factors	1Ew	1Ee	1Gw	1Ge	
Lower Impact to Tax Rolls	--	++	--	++	
Fewer Parcels Affected	--	++	--	++	
Fewer Residential Displacements	+	+	+	++	
Lower Impact to Residential Acres	++	○	++	○	
Lower Impact to Commercial Acres	○	++	○	++	
Lower Impact to Agricultural Acres	++	+	++	+	
<b>Overall Rating</b>	<b>+1</b>	<b>+8</b>	<b>+1</b>	<b>+9</b>	

Segment 1 - Evaluation		Environmental Factors			
Environmental Factors	1Ew	1Ee	1Gw	1Ge	
Fewer Acres of Floodplains	+	++	+	++	
Low Additional Impervious Cover (Interim)	++	+	+	+	
Low Additional Impervious Cover (Ultimate)	++	+	+	+	
Fewer Acres of Wetlands	--	++	--	++	
Fewer Acres of Playa Lakes	-	++	-	++	
Fewer Acres of Potential Wildlife Habitat	++	++	++	+	
Fewer Potential Historic Sites	○	++	○	++	
Fewer Potential Archaeological Resources	--	++	--	++	
Fewer Potential Hazmat Sites	++	++	++	++	
Fewer Acres of Prime Farmland	++	+	++	++	
Fewer Potential Traffic Noise Receptors	-	++	--	+	
Fewer Oil/Gas Wells	○	○	○	○	
Fewer Oil/Gas Pipeline Crossings	++	++	++	+	
<b>Overall Rating</b>	<b>+7</b>	<b>+21</b>	<b>+4</b>	<b>+19</b>	

Segment 1 - Evaluation		Engineering Factors			
Engineering Factors	1Ew	1Ee	1Gw	1Ge	
Higher Existing Pavement Utilized	+	-	+	-	
Lower Total Right-of-Way Required	++	+	+	+	
Lower Construction Cost – Interim	+	++	+	+	
Lower Construction Cost – Ultimate	+	++	+	+	
Fewer Number of Stream Crossings	+	+	+	+	
Shorter Segment Length	++	+	+	+	
<b>Overall Rating</b>	<b>+8</b>	<b>+6</b>	<b>+6</b>	<b>+4</b>	

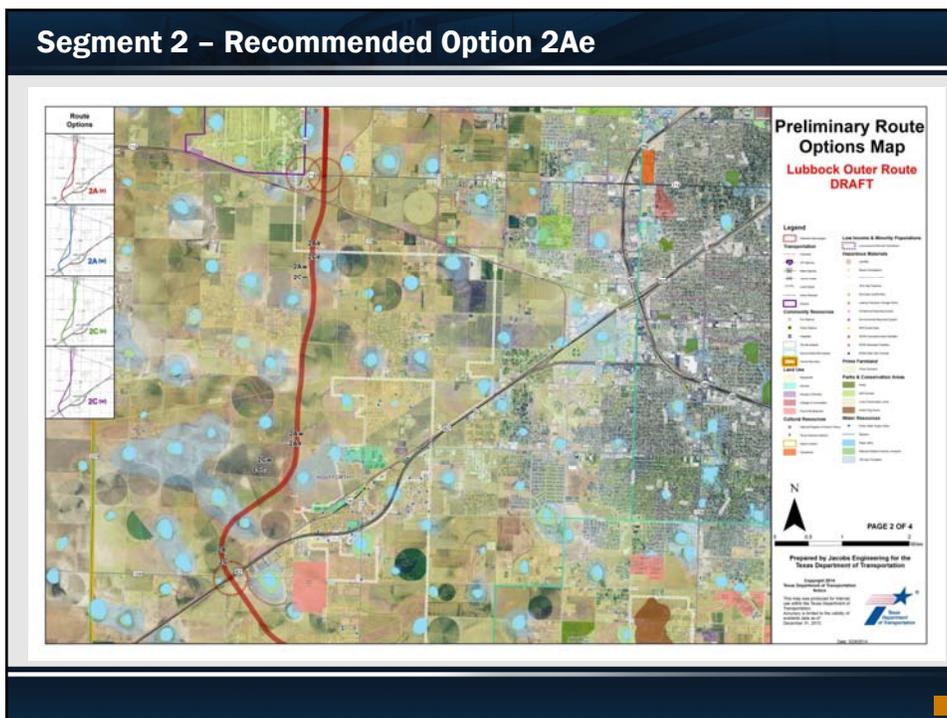
Segment 1 - Evaluation		Summary			
	1Ew	1Ee	1Gw	1Ge	
Congestion/Mobility & Safety	0	0	+1	0	
Socio-economic	+1	+8	+1	+9	
Environmental	+7	+21	+4	+19	
Engineering	+8	+6	+6	+4	
<b>Overall Rating</b>	<b>+16</b>	<b>+35</b>	<b>+12</b>	<b>+32</b>	
Average Traffic Demand (2040)	5,000 to 6,000				
Interim Construction Cost (2014\$)*	\$49 M to \$52 M				
Ultimate Construction Cost (2014\$)*	\$181 M to \$186 M				
* Does not include Right-of-way Costs					

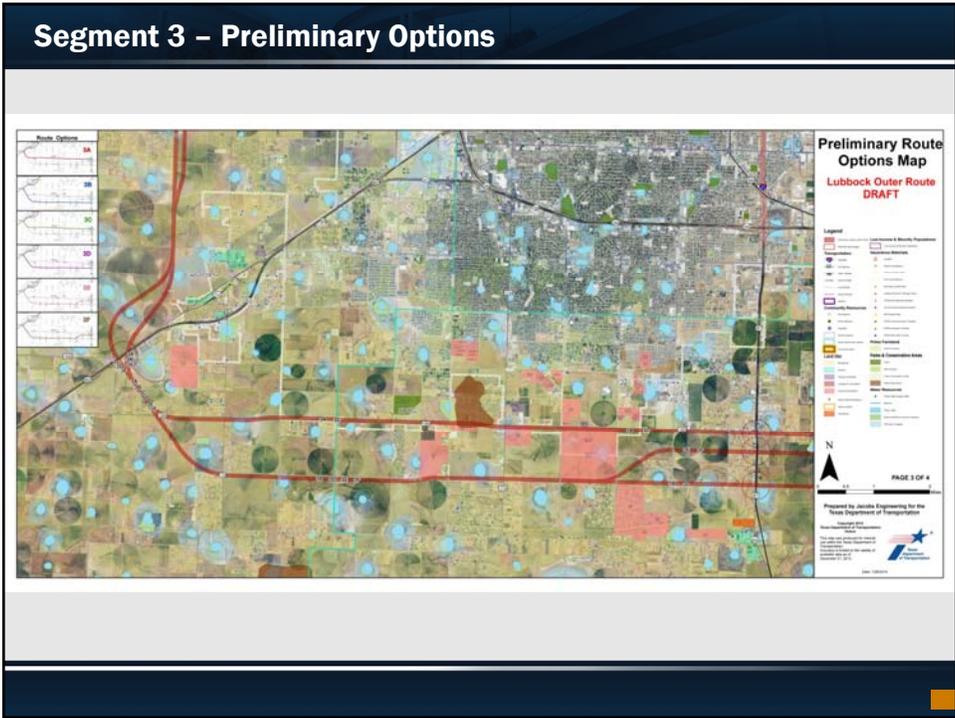
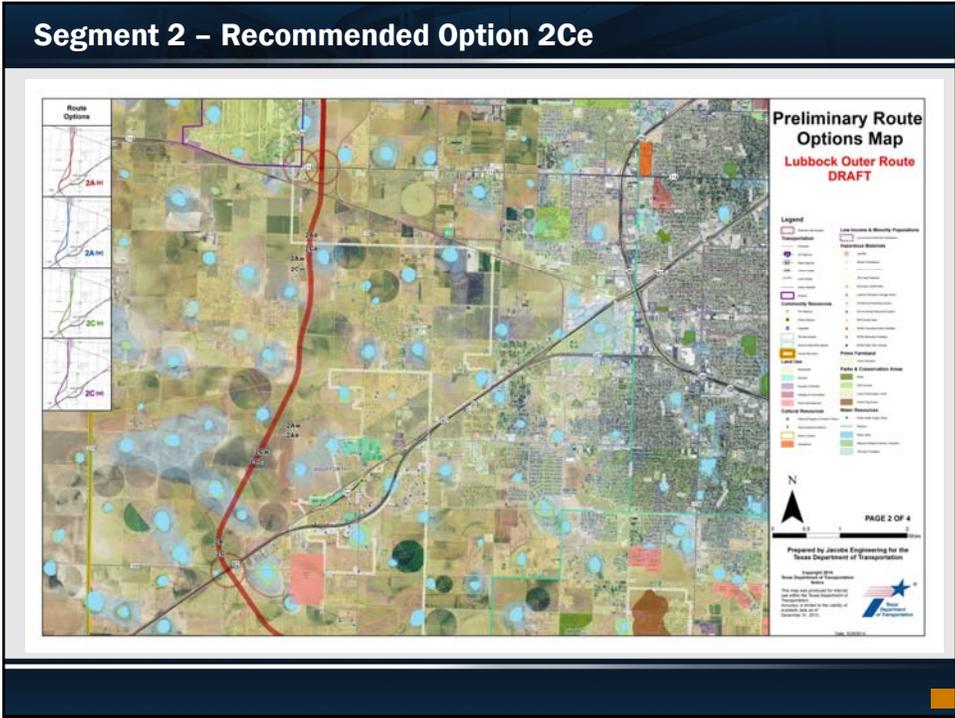


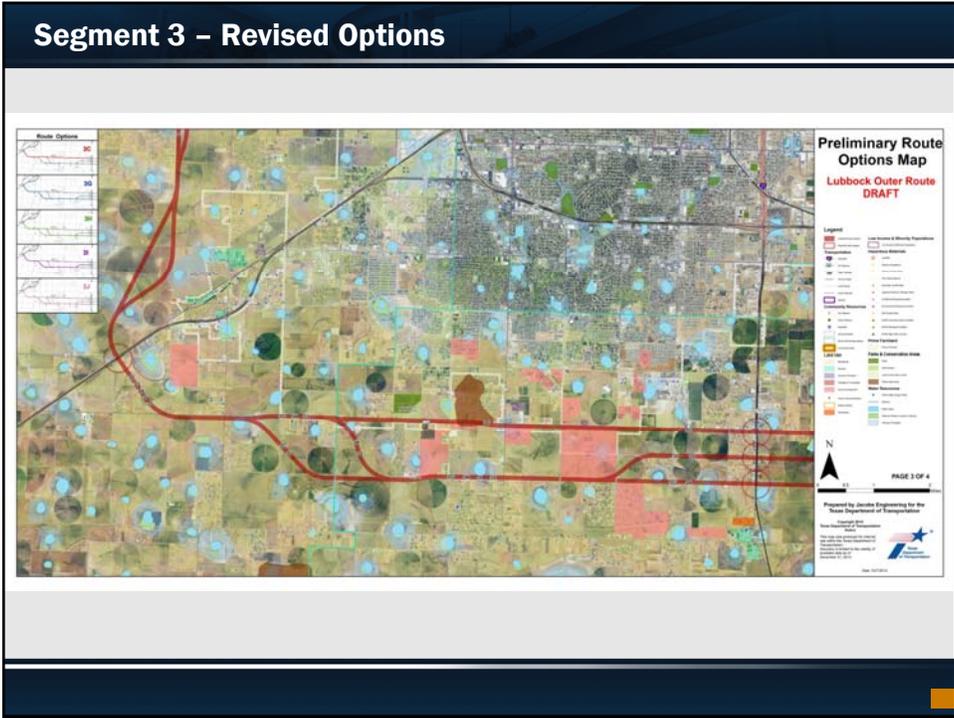


Segment 2 - Evaluation		Summary			
	2Aw	2Ae	2Cw	2Ce	
Congestion/Mobility & Safety	+2	+2	+1	+1	
Socio-economic	-8	+10	-8	+11	
Environmental	+6	+15	+12	+24	
Engineering	+4	+4	+8	+6	
<b>Overall Rating</b>	<b>+4</b>	<b>+31</b>	<b>+13</b>	<b>+42</b>	
Average Traffic Demand (2040)		11,000 to 12,000			
Interim Construction Cost (2014\$)*		\$36 M to \$37 M			
Ultimate Construction Cost (2014\$)*		\$116 M to \$120 M			

\* Does not include Right-of-way Costs







### Segment 3 - Evaluation Summary

	3C	3G	3H	3I	3J
Congestion/Mobility & Safety	+6	+3	+4	+4	+4
Socio-economic	-4	+4	+1	0	-3
Environmental	+8	+5	+3	+15	+8
Engineering	+10	+3	+5	+3	+5
<b>Overall Rating</b>	<b>+20</b>	<b>+15</b>	<b>+13</b>	<b>+22</b>	<b>+14</b>
Average Traffic Demand (2040)		24,000 to 25,000			
Interim Construction Cost (2014\$)*		\$54 M to \$72 M			
Ultimate Construction Cost (2014\$)*		\$198 M to \$220 M			
* Does not include Right-of-way Costs					



Segment 4 - Evaluation		Summary			
	4A	4B	4C	4E	
Congestion/Mobility & Safety	+4	+3	+4	+3	
Socio-economic	-8	-9	+10	-9	
Environmental	+4	+1	0	+11	
Engineering	+10	+6	+1	+6	
<b>Overall Rating</b>	<b>+10</b>	<b>+1</b>	<b>+15</b>	<b>+11</b>	
Average Traffic Demand (2040)					
		15,000 to 16,000			
Interim Construction Cost (2014\$)*					
		\$32 M to \$49 M			
Ultimate Construction Cost (2014\$)*					
		\$141 M to \$168 M			
* Does not include Right-of-way Costs					

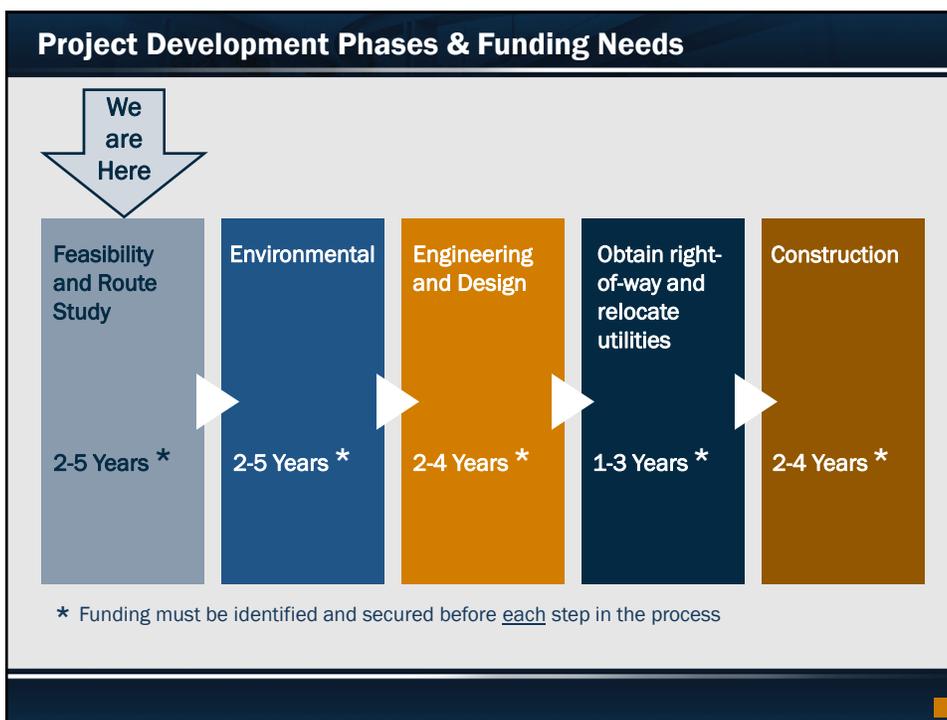
## Recommendations

# Stakeholder Group Discussion

### Segment Comparison

Segment	Average Traffic Demand (2040)	Interim Construction Cost (2014 \$M)*	Ultimate Construction Cost (2014 \$M)*
Segment 1	5,000 to 6,000	49 to 52	181 to 186
Segment 2	11,000 to 12,000	36 to 37	116 to 120
Segment 3	24,000 to 25,000	54 to 72	198 to 220
Segment 4	15,000 to 16,000	32 to 49	141 to 168
<b>Total</b>	<b>5,000 to 25,000</b>	<b>171 to 210</b>	<b>636 to 694</b>

\* Does not include Right-of-way Costs



## Public Meeting #2

- Date & Time for the Public Meeting
- Location for the Meeting
- Outreach Options
- Comment Period

## Questions?