

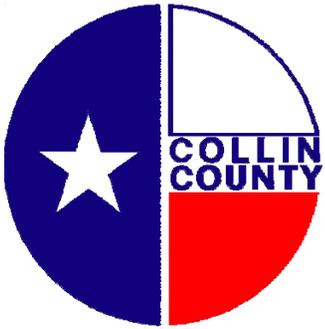


FM 545 Public Meeting

January 12, 2006
6:00 – 8:00 PM

Blue Ridge Community
Center





Meeting Purpose

Meeting Purpose

Need for Improvements

Project Limits

Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn



Communicate Project
Alternatives



Obtain Feedback from You





Need for Improvements

Meeting Purpose

Need for Improvements

Project Limits

Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn



Narrow Lanes



Undesirable Alignment



Transportation Plan

Identifies Need for 4 Lanes



Due for Maintenance

Overhaul





Project Limits

Meeting Purpose

Need for Improvements

Project Limits

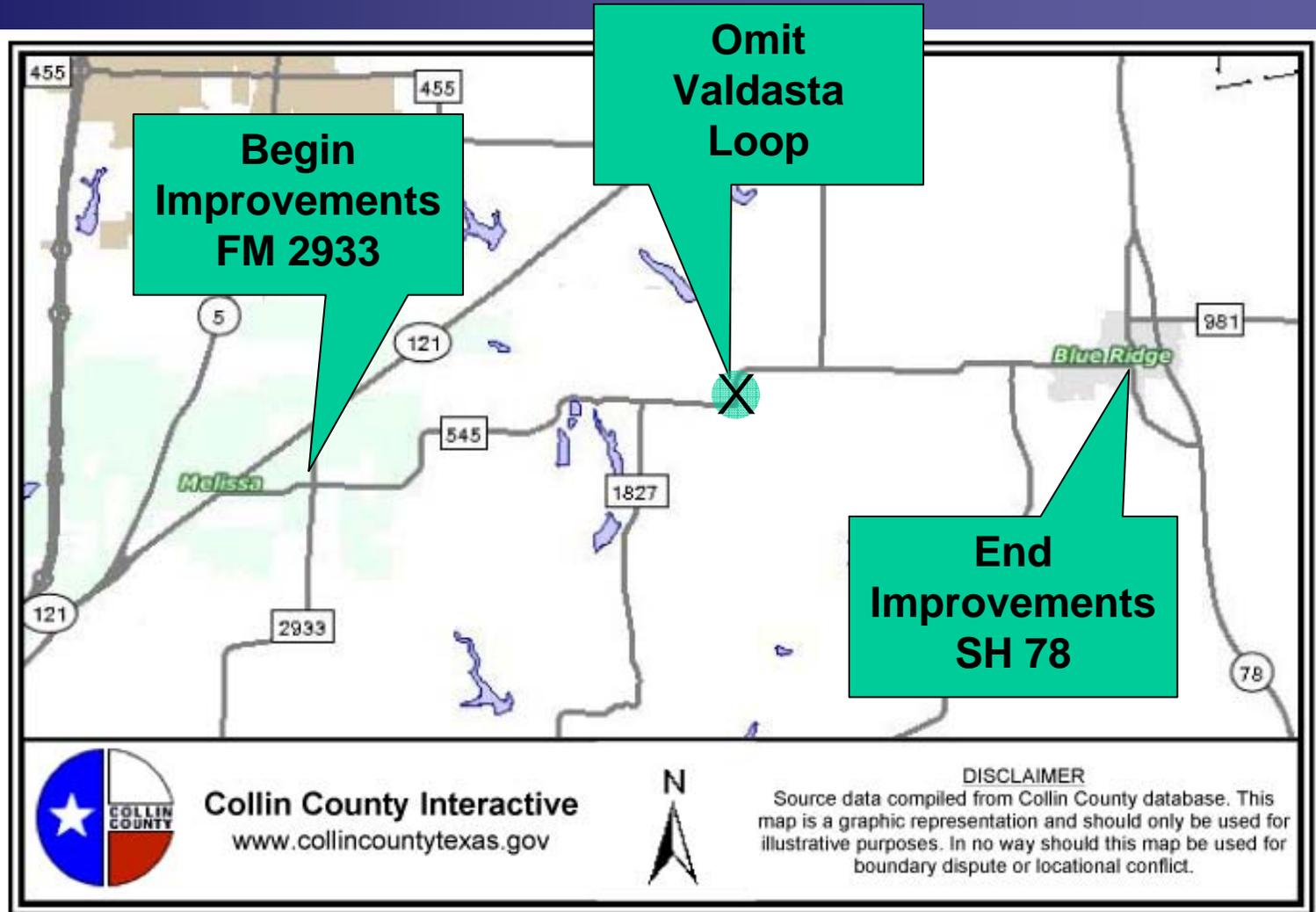
Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn





Considered Alternatives

Meeting Purpose

Need for Improvements

Project Limits

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Alternative Analysis

Break

Final Comments

Adjourn



Proposed Improvements

- ➡ 2 Lanes - 12' wide
- ➡ 10' Shoulders
- ➡ Clear Roadside
- ➡ Safety Slope Ditches
- ➡ Widen ROW to 120'





Considered Alternatives

Meeting Purpose

Need for Improvements

Project Limits

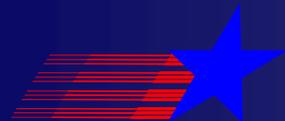
Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn

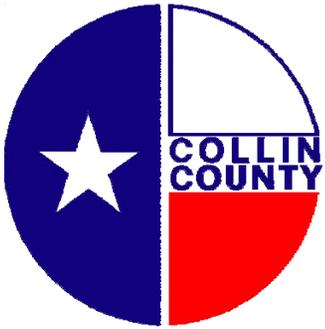


Texas
Department
of Transportation

Widening Method

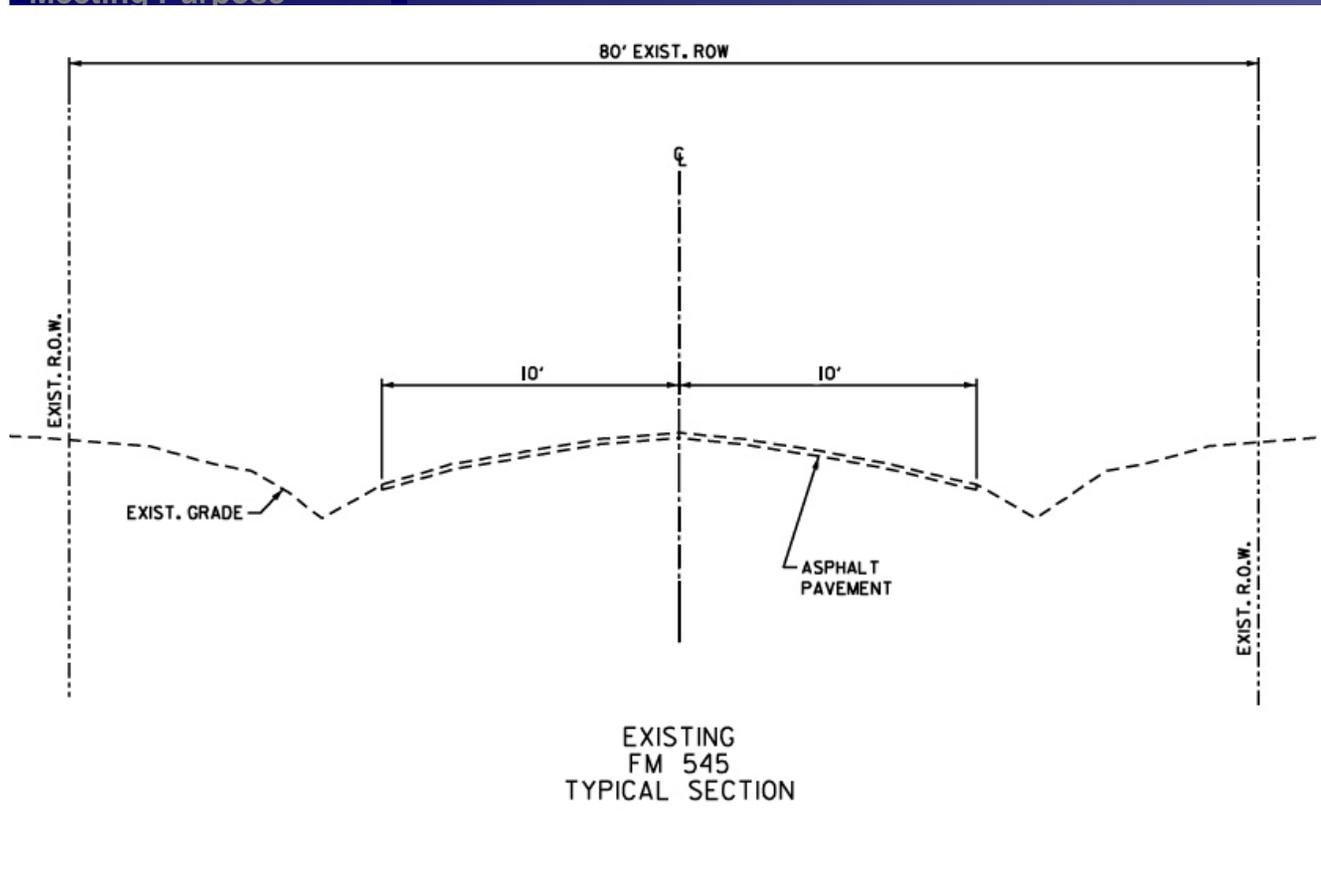
- ➔ Widen Either Side from FM 2933 to Pilot Grove Creek





Considered Alternatives

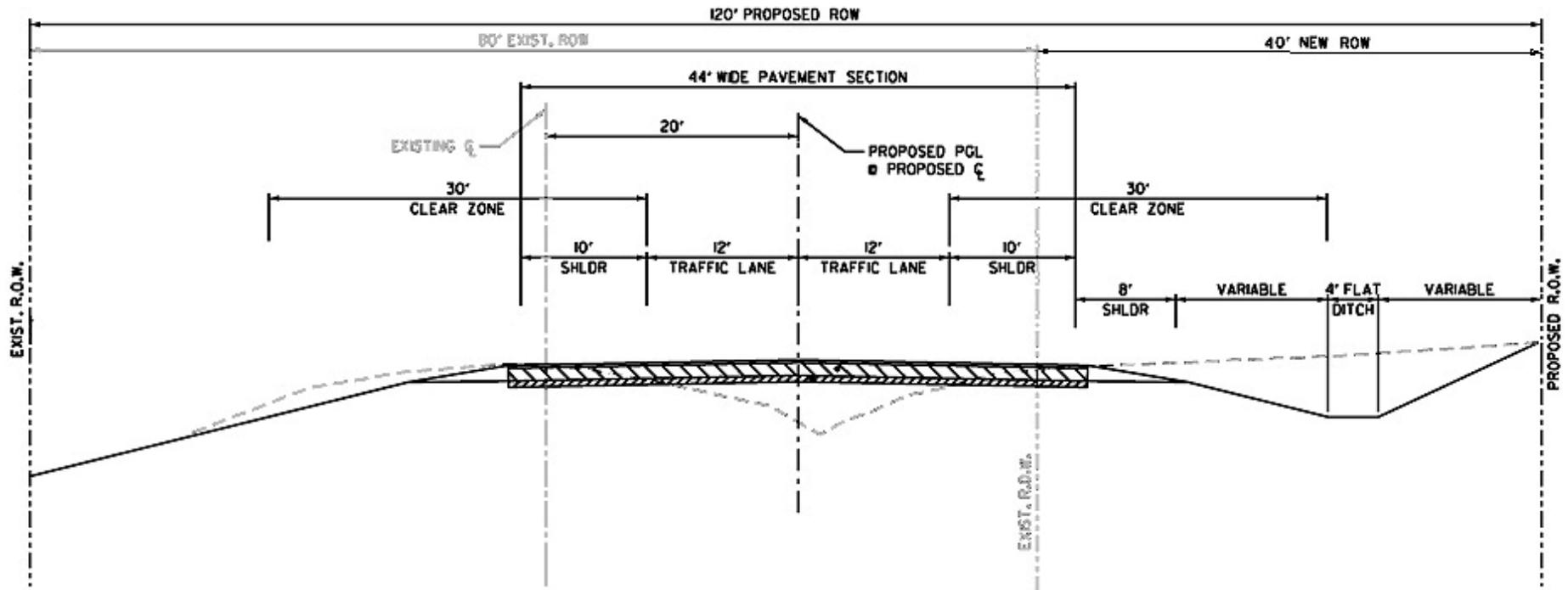
Meeting Purpose





Considered Alternatives

Meeting Purpose



WIDEN ON RIGHT SIDE
FM 545
TYPICAL SECTION



Considered Alternatives

Meeting Purpose

Need for Improvements

Project Limits

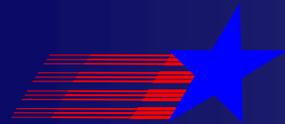
Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn

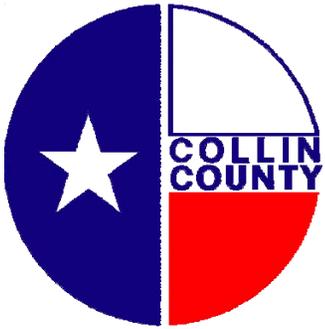


Texas
Department
of Transportation

Blue Ridge

- ➔ Widen Within Existing ROW with Curb and Gutter.
- ➔ Widen Either Left or Right Side with Curb and Gutter.





Considered Alternatives

Meeting Purpose

Need for Improvements

Project Limits

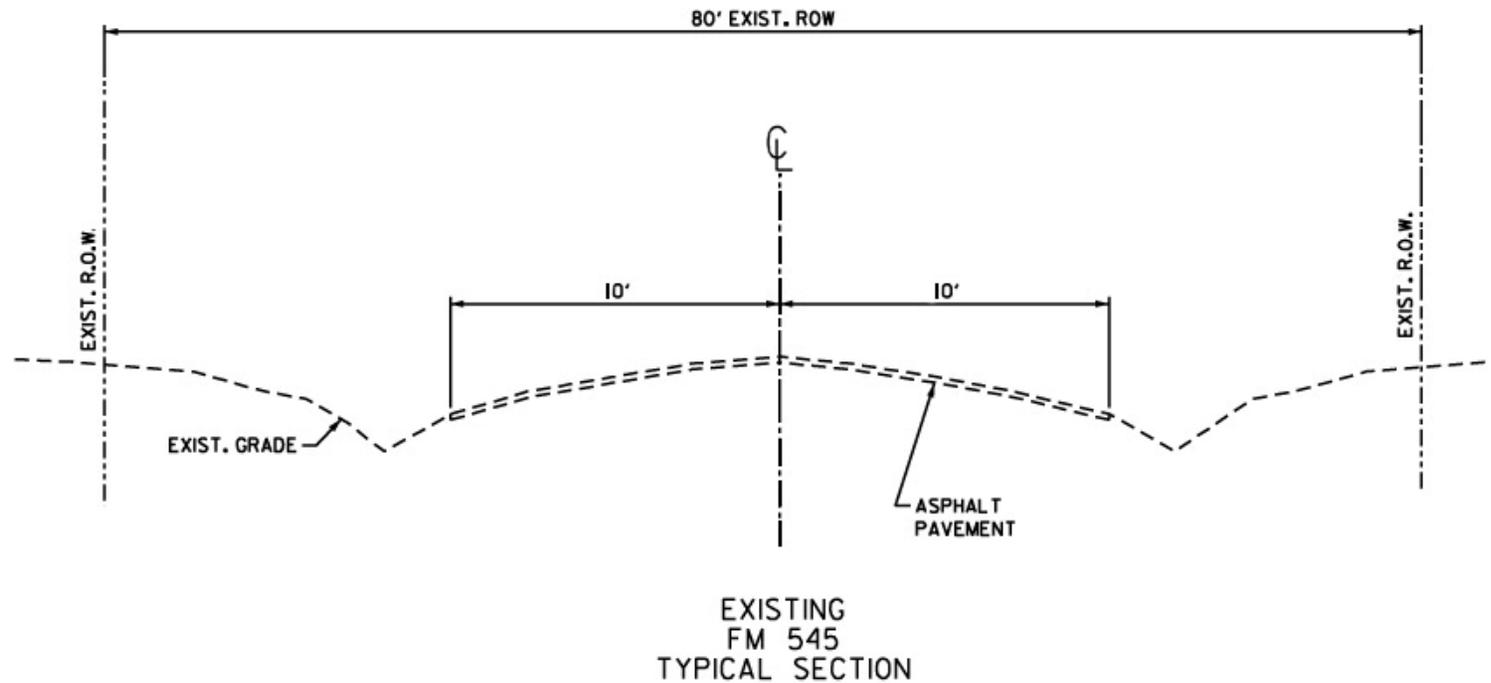
Considered Alternatives

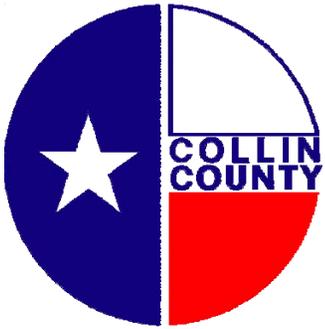
Alternative Analysis

Break

Final Comments

Adjourn





Considered Alternatives

Meeting Purpose

Need for Improvements

Project Limits

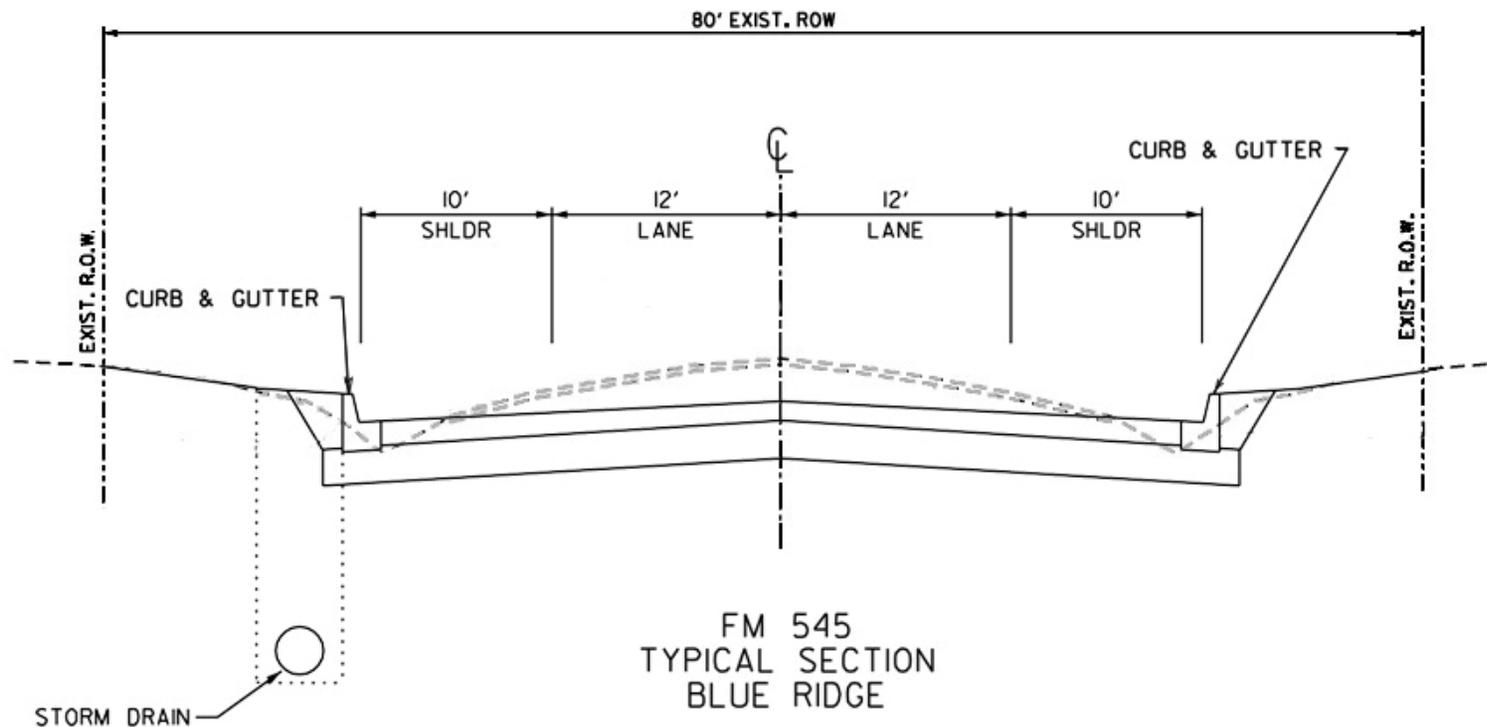
Considered Alternatives

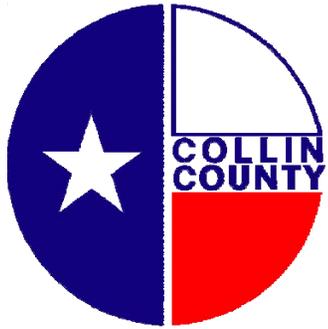
Alternative Analysis

Break

Final Comments

Adjourn





Alternative Analysis

Meeting Purpose

Need for Improvements

Project Limits

Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn



Recommend –

“to present as worthy of acceptance or trial “

Source: Merriam-Webster Online





Alternative Analysis

Meeting Purpose

Need for Improvements

Project Limits

Considered Alternatives

Alternative Analysis

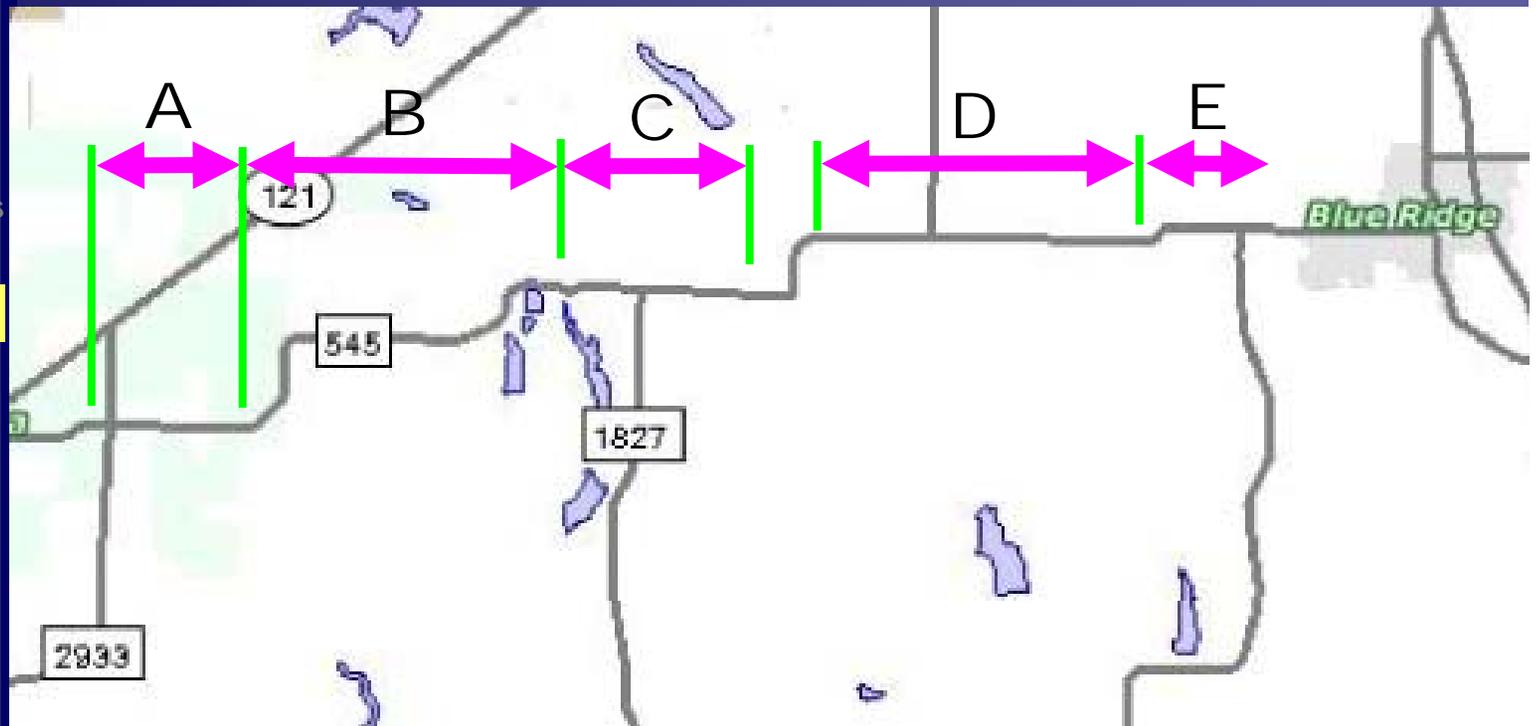
Break

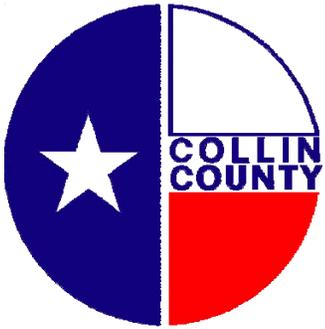
Final Comments

Adjourn



Analysis by Individual Segments





Alternative Analysis

Meeting Purpose

Need for Improvements

Project Limits

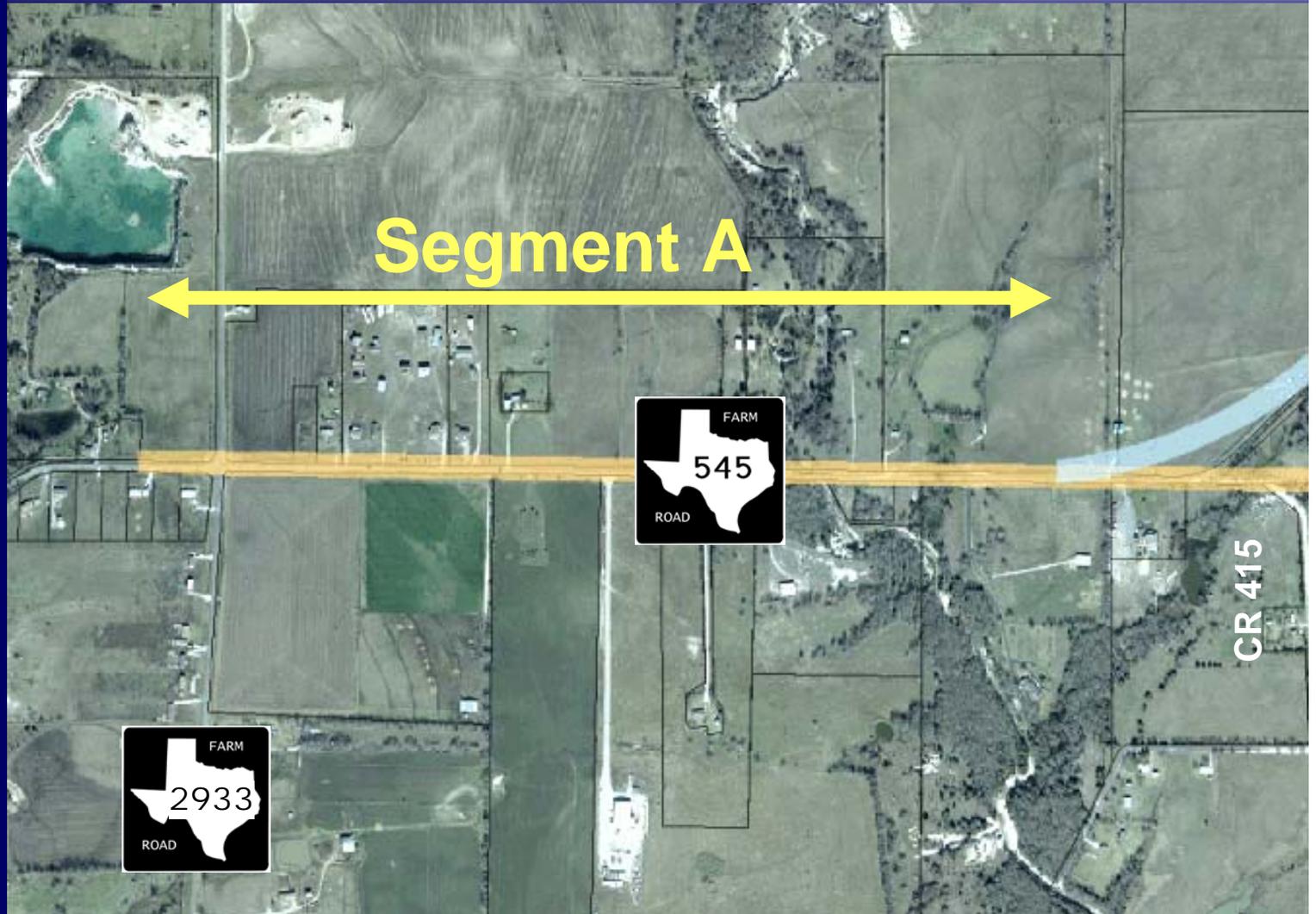
Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn





Meeting Purpose

Need for Improvements

Project Limits

Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn



SEGMENT A		WIDEN	
Constraints	Unit	NORTH	SOUTH
Land Use			
Rangeland	AC	19	22
Mixed Agriculture	AC		
Industrial			
Settling Ponds	AC		
Feed Lot	AC		
Compost	AC		
Riparian	AC	7	7
Wooded	AC		1
Row Crop	AC	16	19
Mowed Grass	AC	10	1
Structures			
Residential*	EA	0	0
Utility			
Sub-Station	EA		
Water			
Ponds	AC		
Streams/Rivers	LF		
Wetlands	AC		
Cultural Resources			
Cemetery	AC		
Archeological	AC		
Historic Structures	EA		
ROW			
ROW Footprint^	AC	103	101
New ROW	AC	35	38

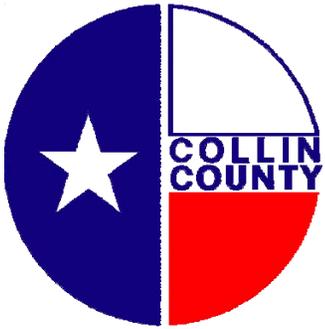
Analysis

**Recommendation
WIDEN NORTH
SIDE**



CR 415





Alternative Analysis

Meeting Purpose

Need for Improvements

Project Limits

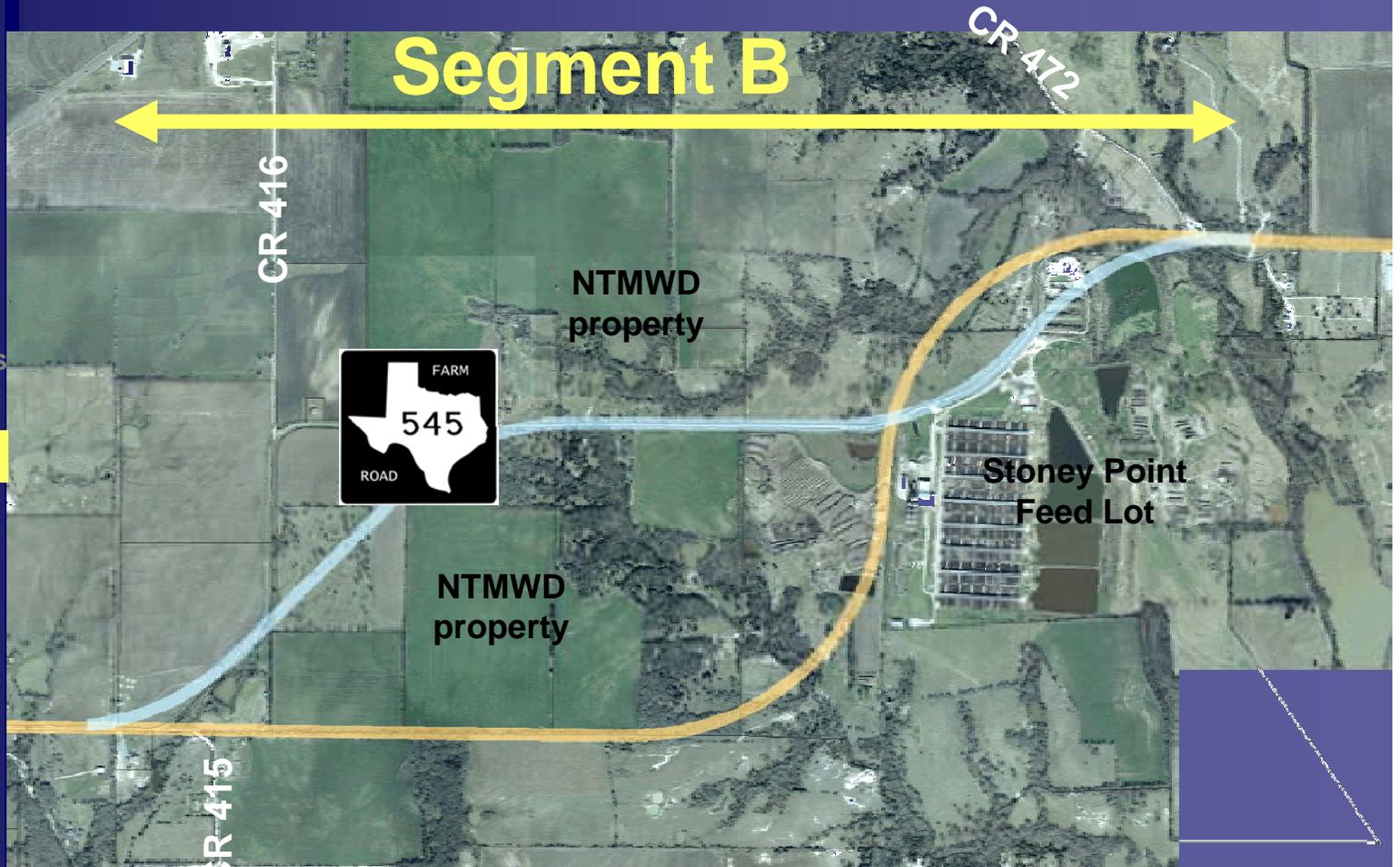
Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn





AI

SEGMENT B		WIDEN		NEW
Constraints	Unit	NORTH	SOUTH	LOCATION
Land Use				
Rangeland	AC	90	52	106
Mixed Agriculture	AC	6	6	4
Industrial				
	AC	23	23	4
	AC	2		
	AC		19	22
	AC	6	7	17
	AC	26	63	51
	AC	22	77	82
	AC			
Residential	EA	0	2	2
Utility				
Sub-Station	EA			
Water				
Ponds	AC	3	2	
Streams/Rivers	LF			
Wetlands	AC			
Cultural Resources				
Cemetery	AC			
Archeological	AC			
Historic Structures	EA			
ROW				
ROW Footprint^	AC	295	299	345
New ROW	AC	189	254	298

**Recommendation
WIDEN NORTH SIDE
or
NEW LOCATION**



Meet
Need
Pro

Considered Alternatives

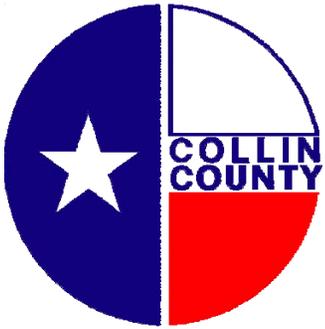
Alternative Analysis

Break

Final Comments

Adjourn





Alternative Analysis

Meeting Purpose

Need for Improvements

Project Limits

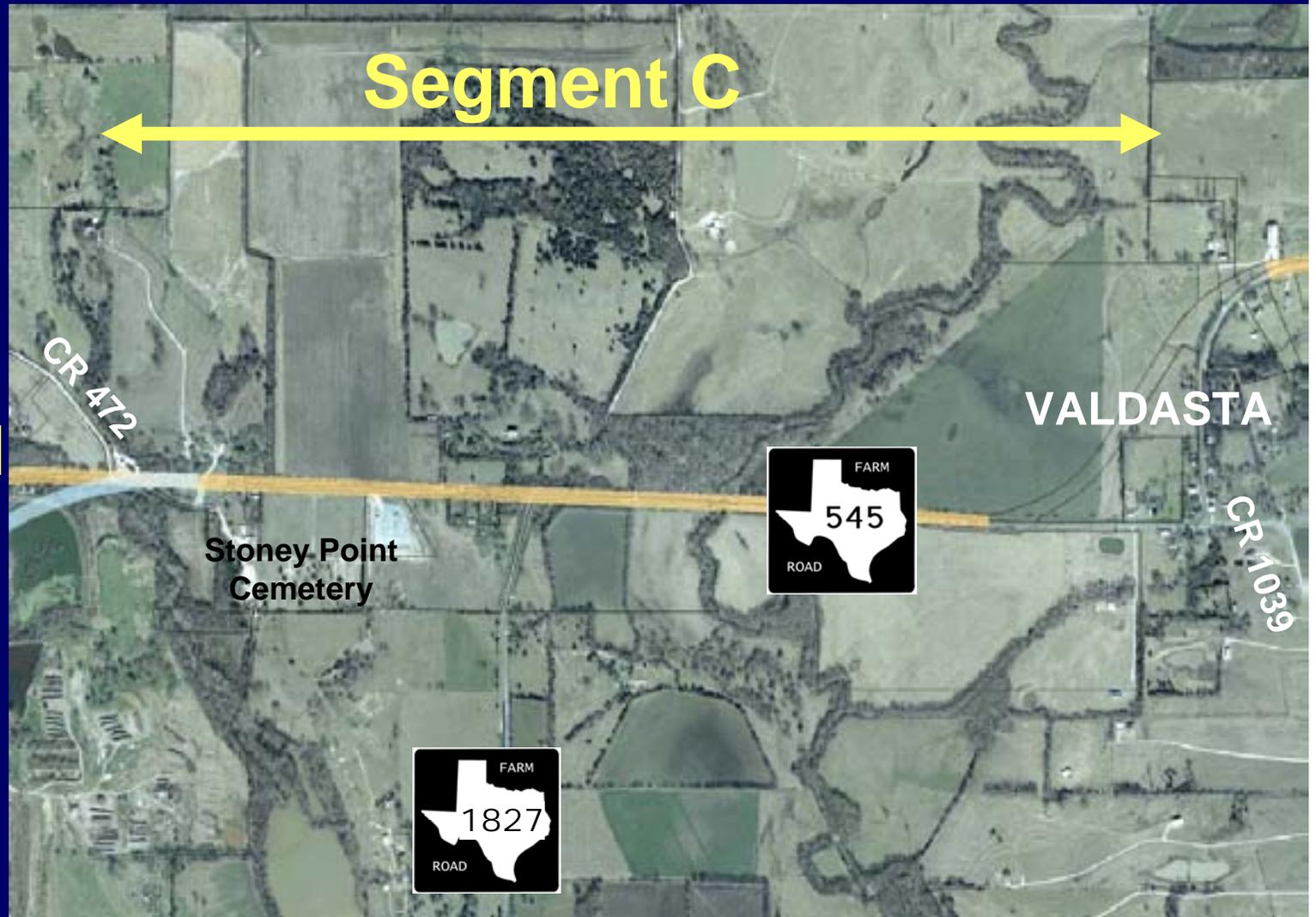
Considered Alternatives

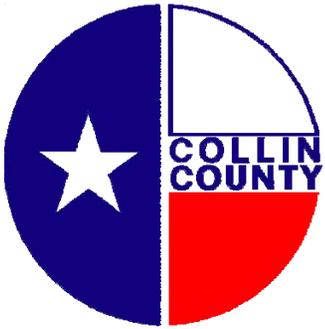
Alternative Analysis

Break

Final Comments

Adjourn



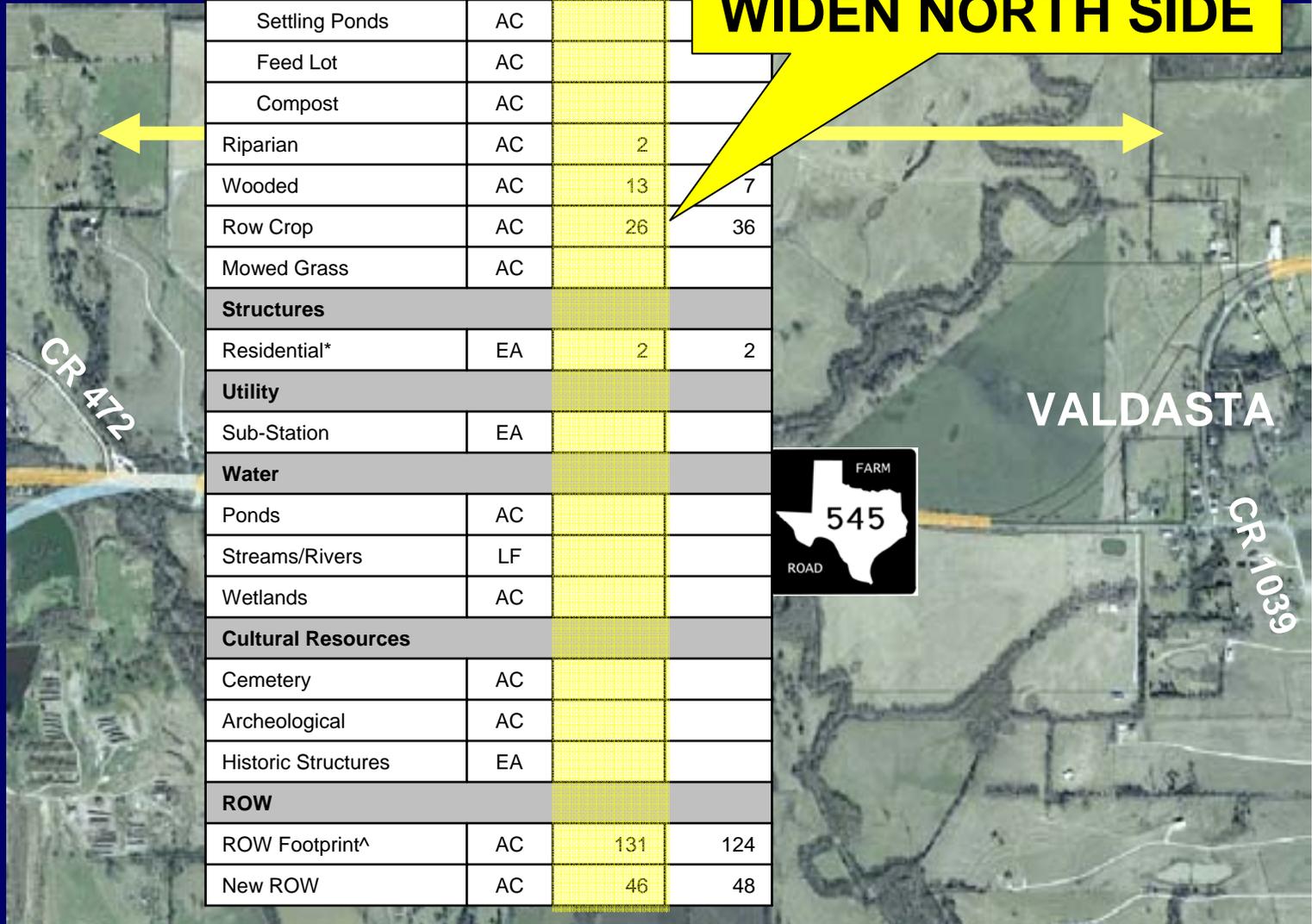


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SEGMENT C		WIDEN	
Constraints	Unit	NORTH	SOUTH
Land Use			
Rangeland	AC	11	9
Mixed Agriculture	AC	1	
Industrial			
Settling Ponds	AC		
Feed Lot	AC		
Compost	AC		
Riparian	AC	2	
Wooded	AC	13	7
Row Crop	AC	26	36
Mowed Grass	AC		
Structures			
Residential*	EA	2	2
Utility			
Sub-Station	EA		
Water			
Ponds	AC		
Streams/Rivers	LF		
Wetlands	AC		
Cultural Resources			
Cemetery	AC		
Archeological	AC		
Historic Structures	EA		
ROW			
ROW Footprint^	AC	131	124
New ROW	AC	46	48

**Recommendation
WIDEN NORTH SIDE**



- Meeting Purpose
- Need for Improvements
- Project Limits
- Considered Alternatives
- Alternative Analysis**
- Break
- Final Comments
- Adjourn





Alternative Analysis

Meeting Purpose

Need for Improvements

Project Limits

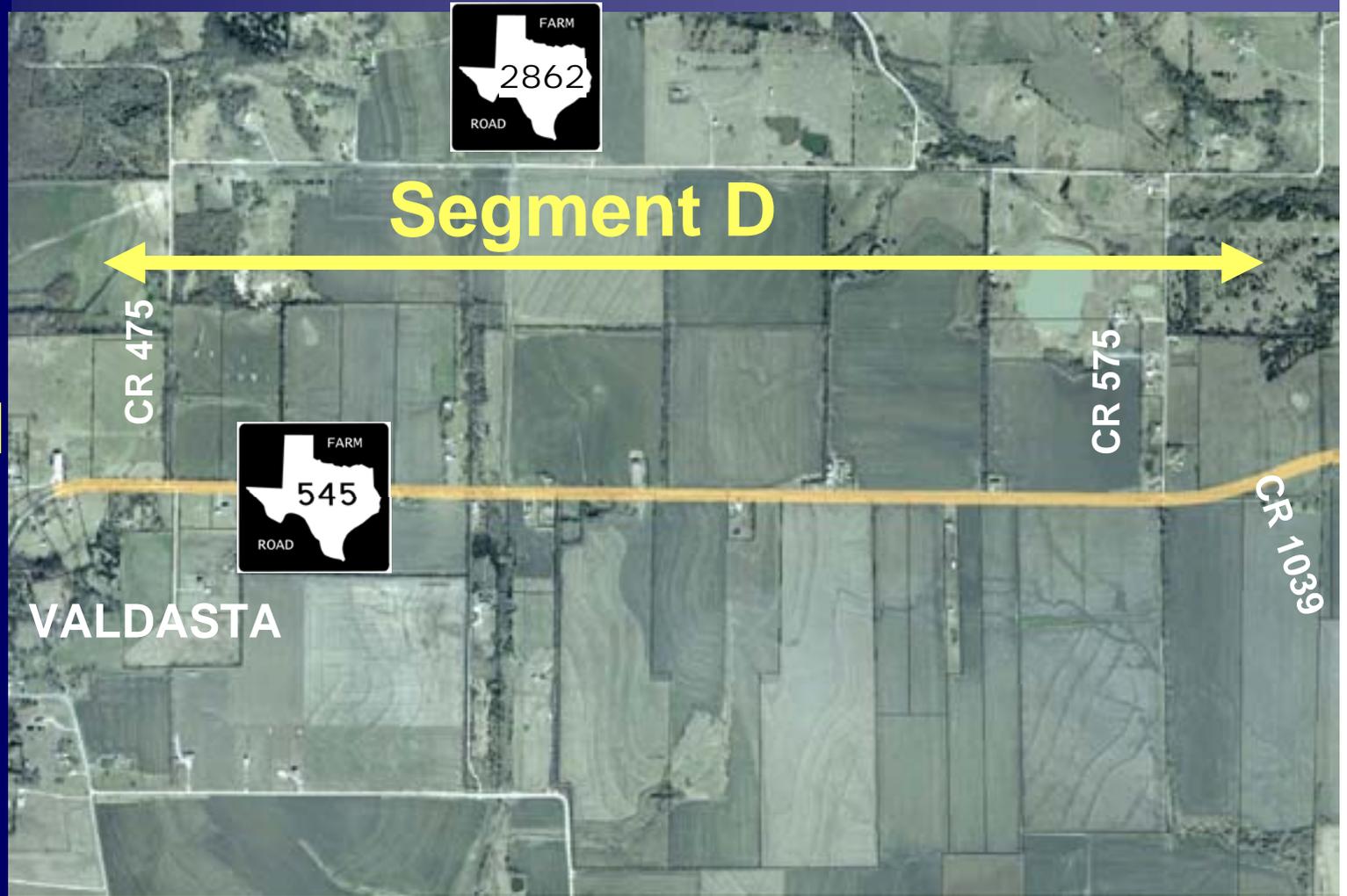
Considered Alternatives

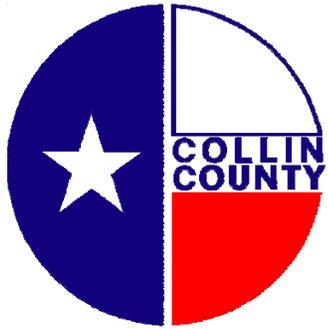
Alternative Analysis

Break

Final Comments

Adjourn





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SEGMENT D		WIDEN	
Constraints	Unit	NORTH	SOUTH
Land Use			
Rangeland	AC		
Mixed Agriculture	AC		
Industrial			
Settling Ponds	AC		
Feed Lot	AC		
Compost	AC		
Riparian	AC	2	
Wooded	AC		
Row Crop	AC	88	83
Mowed Grass	AC		
Structures			
Residential*	EA	1	2
Utility			
Sub-Station	EA		
Water			
Ponds	AC		
Streams/Rivers	LF		
Wetlands	AC		
Cultural Resources			
Cemetery	AC		
Archeological	AC		
Historic Structures	EA		
ROW			
ROW Footprint^	AC	239	227
New ROW	AC	86	90

**Recommendation
WIDEN NORTH SIDE**



- Meeting Purpose
- Need for Improvements
- Project Limits
- Considered Alternatives
- Alternative Analysis**
- Break
- Final Comments
- Adjourn





Alternative Analysis

Meeting Purpose

Need for Improvements

Project Limits

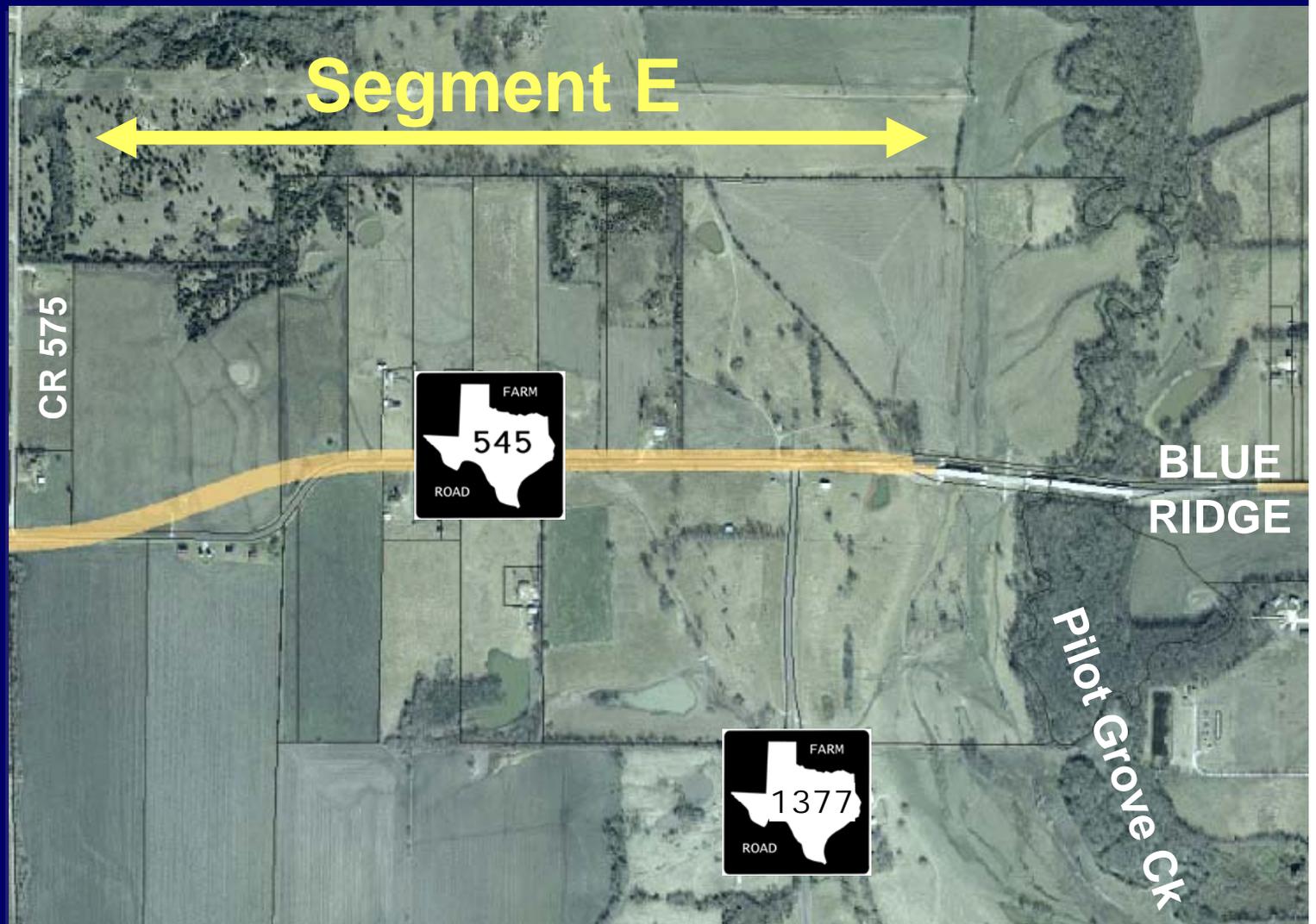
Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn



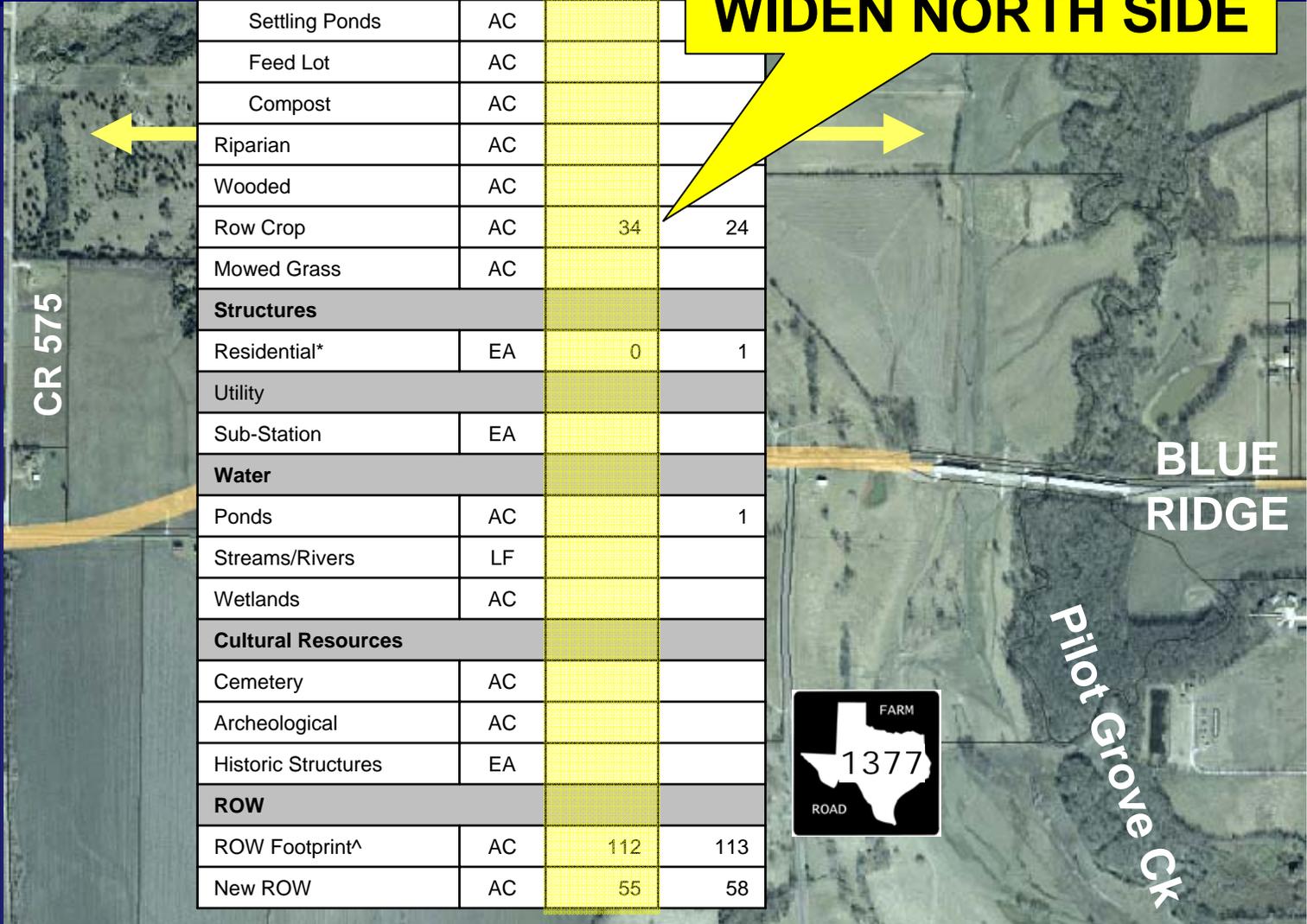


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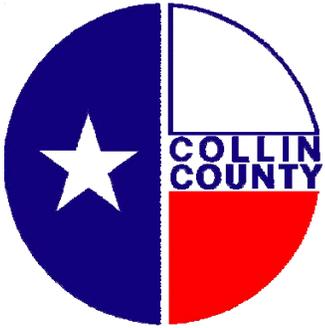
SEGMENT E		WIDEN	
Constraints	Unit	NORTH	SOUTH
Land Use			
Rangeland	AC	23	28
Mixed Agriculture	AC		
Industrial			
Settling Ponds	AC		
Feed Lot	AC		
Compost	AC		
Riparian	AC		
Wooded	AC		
Row Crop	AC	34	24
Mowed Grass	AC		
Structures			
Residential*	EA	0	1
Utility			
Sub-Station	EA		
Water			
Ponds	AC		1
Streams/Rivers	LF		
Wetlands	AC		
Cultural Resources			
Cemetery	AC		
Archeological	AC		
Historic Structures	EA		
ROW			
ROW Footprint^	AC	112	113
New ROW	AC	55	58

**Recommendation
WIDEN NORTH SIDE**



- Meeting Purpose
- Need for Improvements
- Project Limits
- Considered Alternatives
- Alternative Analysis**
- Break
- Final Comments
- Adjourn





Break

Meeting Purpose

Need for Improvements

Project Limits

Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn



15 Minute Recess

- ☞ Review Displays
- ☞ Staff Available to Assist You.
- ☞ Comment!!
 - Written on Form
 - Leave Statement with Court Reporter.





Question and Answers

Meeting Purpose

Need for Improvements

Project Limits

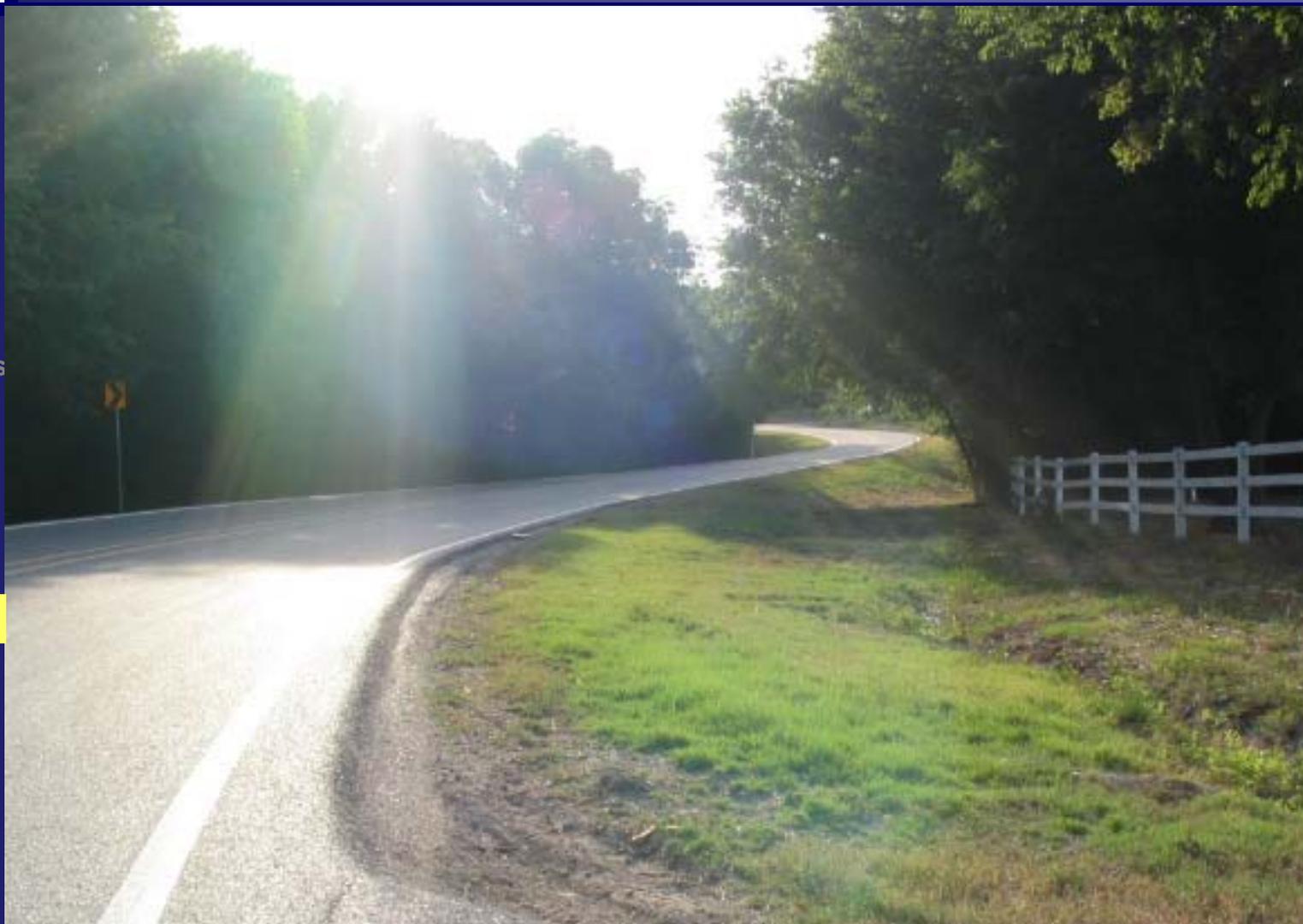
Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn





Final Comments

Meeting Purpose

Need for Improvements

Project Limits

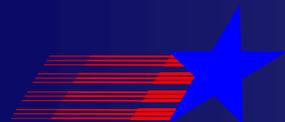
Considered Alternatives

Alternative Analysis

Break

Final Comments

Adjourn



Texas
Department
of Transportation

 More Assistance

Kelly Selman, P.E.

Area Engineer

TxDOT, McKinney Area Office

(972) 542-2345





Final Comments

Meeting Purpose

Need for Improvements

Project Limits

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Alternative Analysis

Break

Final Comments

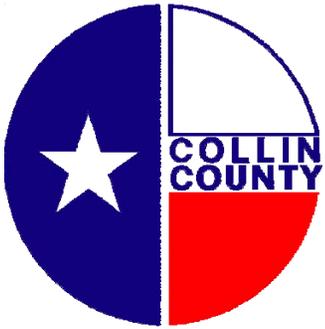
Adjourn



👉 All Displays and Presentation are available on the Internet at:

<http://www.co.collin.tx.us>





Meeting Purpose

Need for Improvements

Project Limits

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Adjourn



Adjourn

THANK YOU!

