

Tymber Creek Road

from State Road 40 to Airport Road

Four-Laning Alignment Alternatives

Public Meeting

August 3, 2006



Tymber Creek Road, Volusia County, Florida

Agenda

- Introduction
- Study Process
- Key Study Issues
- Preferred Alternative
- Public Involvement
- Schedule



Tymer Creek Road, Volusia County, Florida

Location Map



Study Process

- Data Collection
- Preliminary Engineering
- Public Involvement
- Conceptual Design
- Environmental Analysis
- Alternative Analysis
- County Approval



Tymer Creek Road, Volusia County, Florida

Data Collection

- Traffic Counts and Forecasts
- Crash Data
- Transportation Plans
- Land Use Plans
- Cultural and Natural Features



Tymer Creek Road, Volusia County, Florida

Key Study Issues

- Corridor Analysis
- Traffic Analysis
- Environmental Issues
 - Wildlife
 - Wetlands
 - Archaeological / Historical
- Drainage
 - Floodplain
 - Stormwater Management Ponds

Improvement Alternatives & Development

- Typical Sections
- Alternative Alignment Analysis
- Access Management



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Traffic Data

- Year 2006 (Existing)
 - 15,000 AADT
- Year 2009 (Opening Year)
 - 16,700 AADT
- Year 2029 (Design Year)
 - 23,600 AADT



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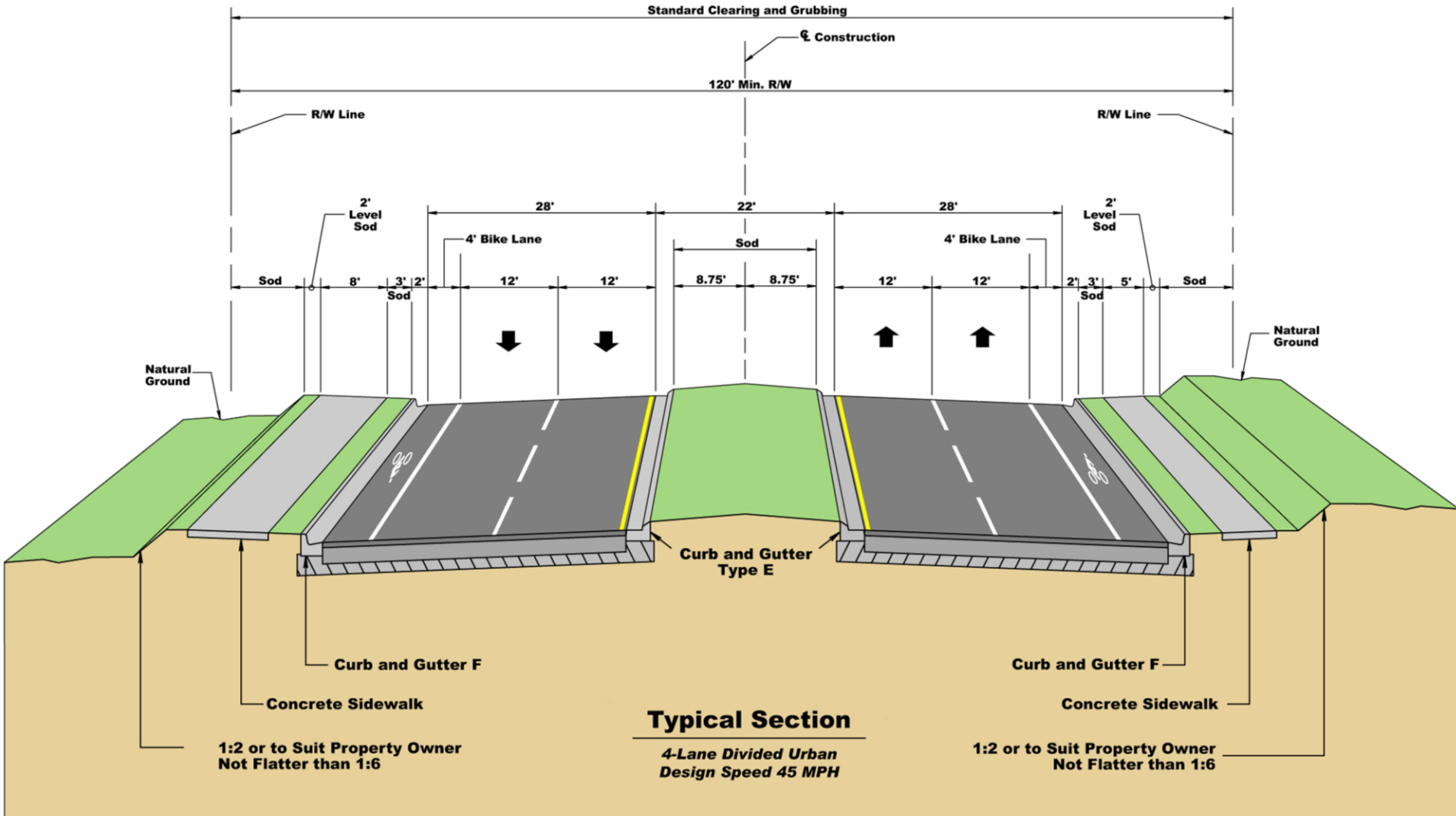
Typical Sections

- Number of Lanes
- Design Speed
- Sidewalks / Bike Paths
- Right-of-Way
 - Existing 2-Lane Rural – Varies 50'-120'
 - Proposed 4-Lane Urban – 120' R/W

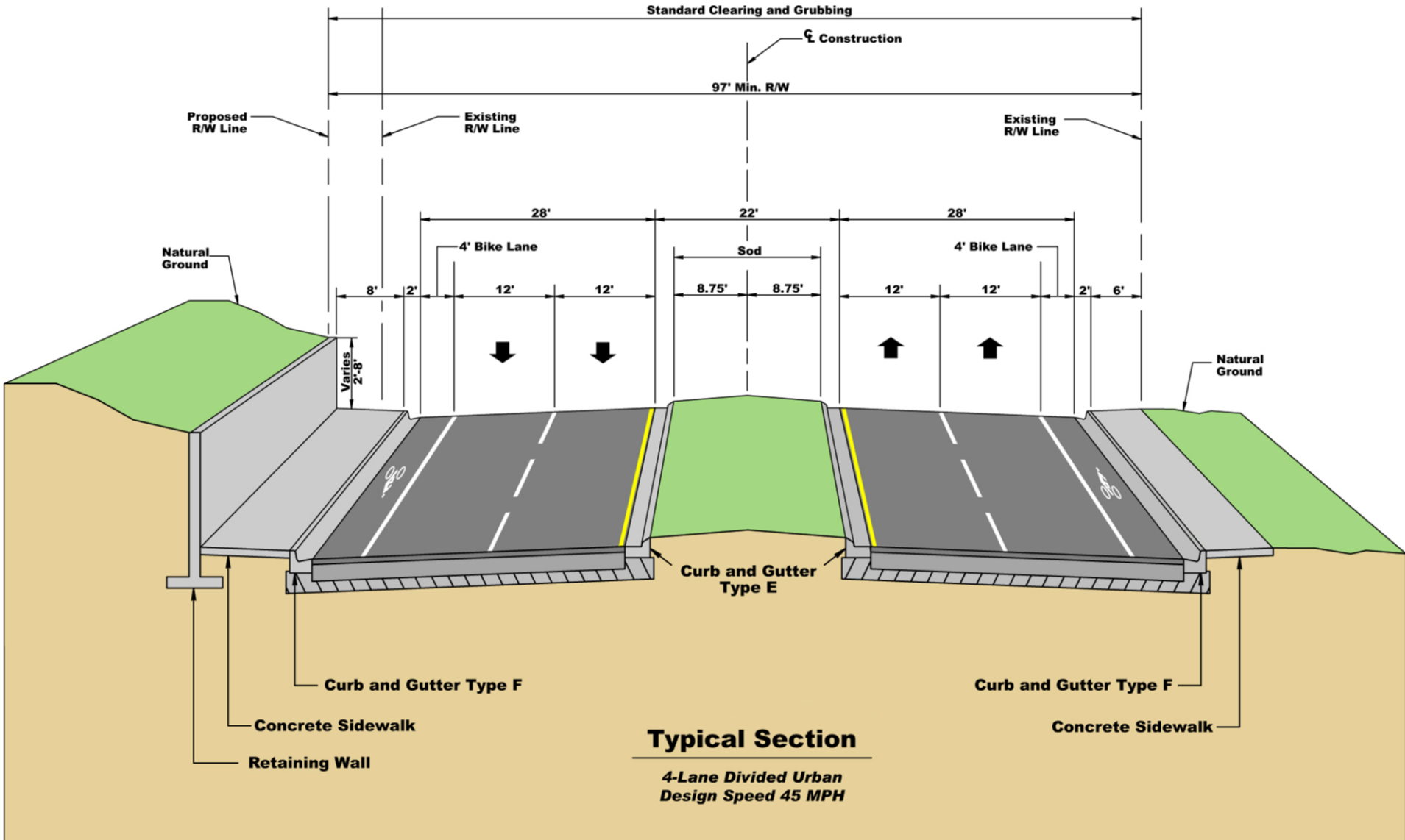


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Preferred Typical Section



Constrained Typical Section



Alternative Alignment Analysis

- Utilize Existing Corridor
- Left, Right and Centered Alignments
- Composite Alignment
- Right-of-Way Impacts
- Matrix Analysis



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Matrix Analysis

Evaluation Factor	Segment 1A	Segment 2	Segment 3B	Total
Length (Mi.)	0.6	0.4	0.8	1.8
Wetland Impacts (AC)	1.4	0.1	0.4	1.8
Surface Water Impacts (AC)	TBD	TBD	TBD	TBD
Flood Plain Impacts (AC)	TBD	TBD	TBD	TBD
Hazardous Waste Sites	TBD	TBD	TBD	TBD
Number of Parcels				
Total	26	25	42	93
Impacted	13	5	30	48
Number of Relocations				
Businesses	0	0	0	0
Residences	0	0	14	14
Churches	0	0	0	0
Intersections with Signals				
Existing Signals	1	1	1	3
Proposed Signals	1	1	1	3
Church Property Impacted (AC)				
Acreage	0.5	0	0	0.5
Right-of-Way Acquisition				
Roadway (AC)	2.8	0.4	4.6	7.8
Retention Sites (AC)	1.8	1.7	1.8	5.3
Right-of-Way Costs (\$ Millions)				
Roadway	0.8	0.2	3.8	4.7
Retention Sites	0.3	0.3	0.3	1.0
Total Right-of-Way Costs (\$ Millions)	1.1	0.5	4.1	5.7
Construction Costs				
Roadway	2.3	1.6	3.3	7.1
Bridges	0.7	0.0	0.0	0.7
Retention Sites	0.1	0.0	0.0	0.1
Total Construction Costs (\$ Millions)	3.0	1.6	3.4	7.9
Total Construction & R/W (\$ Mil)	4.1	2.0	7.5	13.6

Access Management

- Classification
- Median Openings
- Driveways

Public Involvement Approach

Project Team

Pro-Active

Understand Local Issues

Newsletters

Small Group Meetings

Open House Meetings

Community

**Listen to the
Community
and
Collect Input**

**Share
Information
with the
Community**



Public Involvement

- Coordination & Presentations
 - Neighborhood Groups
 - Public Agencies
 - Citizens Groups
- Meeting Announcements
 - Newsletters
 - Advertisements / Press Releases



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Public Involvement

- Public Information Meetings
 - Introductory / Kickoff Meeting
 - May 3, 2006
 - Preferred Alternatives Meeting
 - August 3, 2006
 - Volusia County Council Meeting
 - To be Announced



Tymer Creek Road, Volusia County, Florida

Project Schedule

	2005			2006												2007		
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	
Preliminary Engineering Study	[Redacted]																	
Public Involvement								Public Meeting			Public Meeting		Public Meeting					
				[Redacted]				★			★		★					
Final Design											[Redacted]							
Permitting														[Redacted]				

Right-of-Way Acquisition - 2006 to 2007
 Begin Construction - 2008