

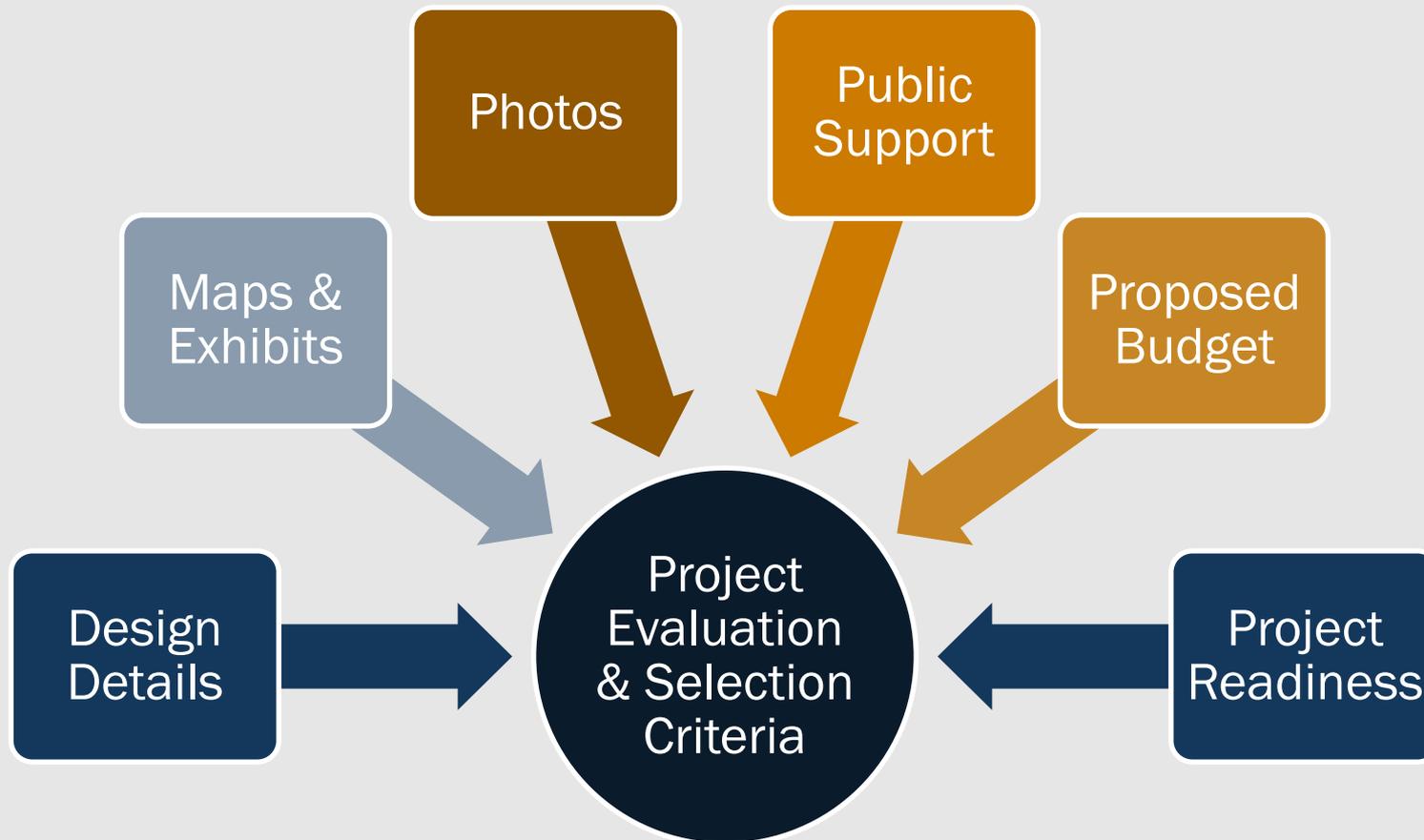


# BEST PRACTICES FOR PROJECT NOMINATIONS

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2017 TA Set-Aside Program

# Focus of this presentation



# Selection Criteria Categories (Tables 1-3)

Safety

Mobility & Congestion Mitigation

Regional Connectivity

Accessibility

Environmental Benefits

Economic Development

Project Readiness

Local Funding

Planning

Public Support

Table 1: Department Goals & Project Emphasis Areas (Represents 50% of the Total Evaluation Score)

Criteria Categories	Criteria Description	Criteria Evaluation Factors	Topics in Nomination Form
Safety	Provides safer and/or less intimidating accommodations for pedestrians, bicyclists, and other non-motorized traffic, including Safe Routes to School infrastructure.	<ul style="list-style-type: none"> <li>Improves safety in areas with high numbers of crashes (provide crash data and source, if available)</li> <li>Improves conditions for bicyclists, pedestrians, and other non-motorists at roadway crossings and/or traffic signals</li> <li>Implements traffic calming measures</li> <li>Provides protected or separate facilities for bicyclists and pedestrians</li> </ul>	9, 10, 23
Mobility & Congestion Mitigation	Increases transportation options for non-motorists. Improves the ability to walk and bicycle for everyday activities including travel to work, school, and shopping. Provides accommodations that help reduce congestion.	<ul style="list-style-type: none"> <li>Improves access and/or enhances mobility</li> <li>Provides an alternate non-motorized route parallel to major thoroughfares</li> <li>Demonstrates potential for a measurable reduction in congestion and/or a mode shift</li> </ul>	9, 10, 18, 19
Regional Connectivity	Improves Local and/or Regional connections. Provides multi-modal connections to rail and/or transit.	<ul style="list-style-type: none"> <li>Enhances network continuity (gap closures, extension of regional facilities, links communities)</li> <li>Provides direct connections to transit and/or rail (shared use paths, sidewalks, and on-street bikeways)</li> <li>Provides access to employment centers, schools, retail, institutional facilities, and other special generators</li> </ul>	9, 10, 18, 19
Accessibility	Improves access and/or provides safer crossings for non-motorized traffic at an existing travel barrier. Provides ADA compliant improvements.	<ul style="list-style-type: none"> <li>Provides a grade-separated or improved crossing for non-motorized traffic either under, over, or across a barrier (such as a water body, major roadway, or railroad)</li> <li>Constructs new sidewalks and/or bikeways</li> <li>Provides new ADA compliant infrastructure</li> </ul>	9, 10, 17, 18, 19, 20, 23
Environmental Benefits	Provides access in underserved communities. Improves air quality or provides other environmental benefits. Protects our natural environment. Encourages healthy living.	<ul style="list-style-type: none"> <li>Improves non-motorized transportation for persons in areas with a greater percentage of minorities and low-income households than the regional average</li> <li>Enhances non-motorized access to active living/health facilities (e.g. parks, senior centers, medical facilities)</li> <li>Demonstrates a measurable benefit in air quality</li> <li>Provides or enhances access to historic districts or cultural areas</li> <li>Provides other measurable environmental benefits</li> </ul>	9, 10, 18
Economic Development	Demonstrates local or regional economic benefits that exceed infrastructure investments. Bicycling and/or pedestrian improvements that support local/regional tourism.	<ul style="list-style-type: none"> <li>Bicycling/pedestrian transportation investments that support community/regional development projects such as revitalization, redevelopment, and job creation</li> <li>Incorporates durable, low-maintenance materials</li> <li>Creates infrastructure in support of state, local, and/or regional tourism activities</li> <li>Projects linking to, extending, or enhancing regional bicycle routes, such as the proposed US bike route system (<a href="http://www.adventurescycling.org/routes-and-maps/us-bicycle-route-system-national-corridor-plan/">http://www.adventurescycling.org/routes-and-maps/us-bicycle-route-system-national-corridor-plan/</a>)</li> </ul>	9, 10, 14, 18, 22

Table 2: Project Readiness (Represents 25% of the Total Evaluation Score)

Criteria Categories	Criteria Description	Criteria Evaluation Factors	Topics in Nomination Form
Project Readiness	Demonstrates the ability to advance the project to construction immediately, if selected for funding. Provides evidence that the construction plans are under development.	<ul style="list-style-type: none"> <li>Status of design/engineering</li> <li>Status of environmental documentation</li> <li>Status of right-of-way/property acquisitions</li> <li>Local government demonstrates the ability and willingness to advance this project immediately upon selection</li> </ul>	10, 13, 15, 16, 17, 21, 23

Table 3: Local Funding and Support (Represents 25% of the Total Evaluation Score)

Criteria Categories	Criteria Description	Criteria Evaluation Factors	Topics in Nomination Form
Funding	Evaluation of the project sponsors commitment to provide the local match.	<ul style="list-style-type: none"> <li>Project sponsor demonstrates financial soundness</li> <li>Local Government's commitment (i.e., resolution or ordinance) to provide Local Match</li> <li>Commitment to overmatch in cash (exceeds required 20% local match)</li> </ul>	12, 22, 23, 24, 25, 26
Planning	Provides evidence that the project is identified on a locally approved transportation plan(s).	<ul style="list-style-type: none"> <li>Supports and/or identified in local and regional plans, including but not limited to Bikeway, Pedestrian, Safe Routes to School, or other related Transportation Plans adopted by the local government or MPO.</li> </ul>	18, 19
Public Support	Demonstrates strong community support through collaboration, outreach, involvement and partnerships. Demonstrates efforts to engage the public in project planning and development.	<ul style="list-style-type: none"> <li>Provides a synopsis of their public outreach plan</li> <li>Provides documentary evidence of public support</li> </ul>	9, 13, 14, 16

# Criteria Evaluation Factors

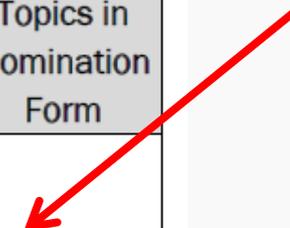
## PROJECT INFORMATION

### 9. Project Description

Provide a well-developed narrative about the project for which the project sponsor is seeking funding. Describe the **Eligible Project Activity** (topic 6 on page 1). Explain the benefits the project will provide to the surface transportation system. Include details about the proposed improvements and summarize the work activities to be performed. Review the **Project Evaluation and Selection Criteria** topic in the 2017 TA Set-Aside Program Guide and address criteria categories as part of the *(Limited to 3,000 characters with spaces. Do not add spaces between lines. Use print preview to verify text fits in the box below.)*

**Table 1: Department Goals & Project Emphasis Areas** (Represents 50% of the Total Evaluation Score)

Criteria Categories	Criteria Description	Criteria Evaluation Factors	Topics in Nomination Form
Safety	Provides safer and/or less intimidating accommodations for pedestrians, bicyclists, and other non-motorized traffic, including Safe Routes to School infrastructure.	<ul style="list-style-type: none"> <li>Improves safety in areas with high numbers of crashes (provide crash data and source, if available)</li> <li>Improves conditions for bicyclists, pedestrians, and other non-motorists at roadway crossings and/or traffic signals</li> <li>Implements traffic calming measures</li> <li>Provides protected or separate facilities for bicyclists and pedestrians</li> </ul>	9, 10, 23
Mobility & Congestion Mitigation	Increases transportation options for non-motorists. Improves the ability to walk and bicycle for everyday activities including travel to work, school, and shopping. Provides accommodations that help reduce congestion.	<ul style="list-style-type: none"> <li>Improves access and/or enhances mobility for non-motorized transportation</li> <li>Provides an alternate non-motorized route parallel to major thoroughfares</li> <li>Demonstrates potential for a measureable reduction in congestion and/or a mode shift</li> </ul>	9, 10, 18, 19
Regional	Improves local and/or regional connections. Provides multi-modal	<ul style="list-style-type: none"> <li>Enhances network continuity (gap closures, extension of regional facilities, links communities)</li> <li>Provides direct connections to transit and/or rail (shared</li> </ul>	9, 10, 18, 19



## What do design details convey?

- A complete picture of the project
- How the project meets current standards and state-of-the-practice
- Constructability
- Safety, accessibility, and durability (economic dev) criteria

## Where does the project sponsor address design details?

- Project Dimensions (topic 7 Project Location Information)
- Project Description (topic 9)
- Project Details (topic 10)
- Itemized Construction Cost Estimate (topic 23) – discussed later

### PROJECT INFORMATION

#### 9. Project Description

Provide a well-developed narrative about the project for which the project sponsor is seeking

project

improvement

Selected

as part

of the

(limited to 2,000 characters with spaces, do not add spaces between lines, use print preview to verify text fits)

#### 10. Project Details

Provide maps, typical sections, charts/diagrams, and photographs to describe the project

and improvements in detail. **A location map and a project layout map are a minimum**

**requirement.** A typical section is requested. The project layout map must be at a scale

of 1/4" = 1'-0" (or larger), showing community context as well as the project's beginning

and ending. If the project plans are 30% or more complete, include only example sheets as

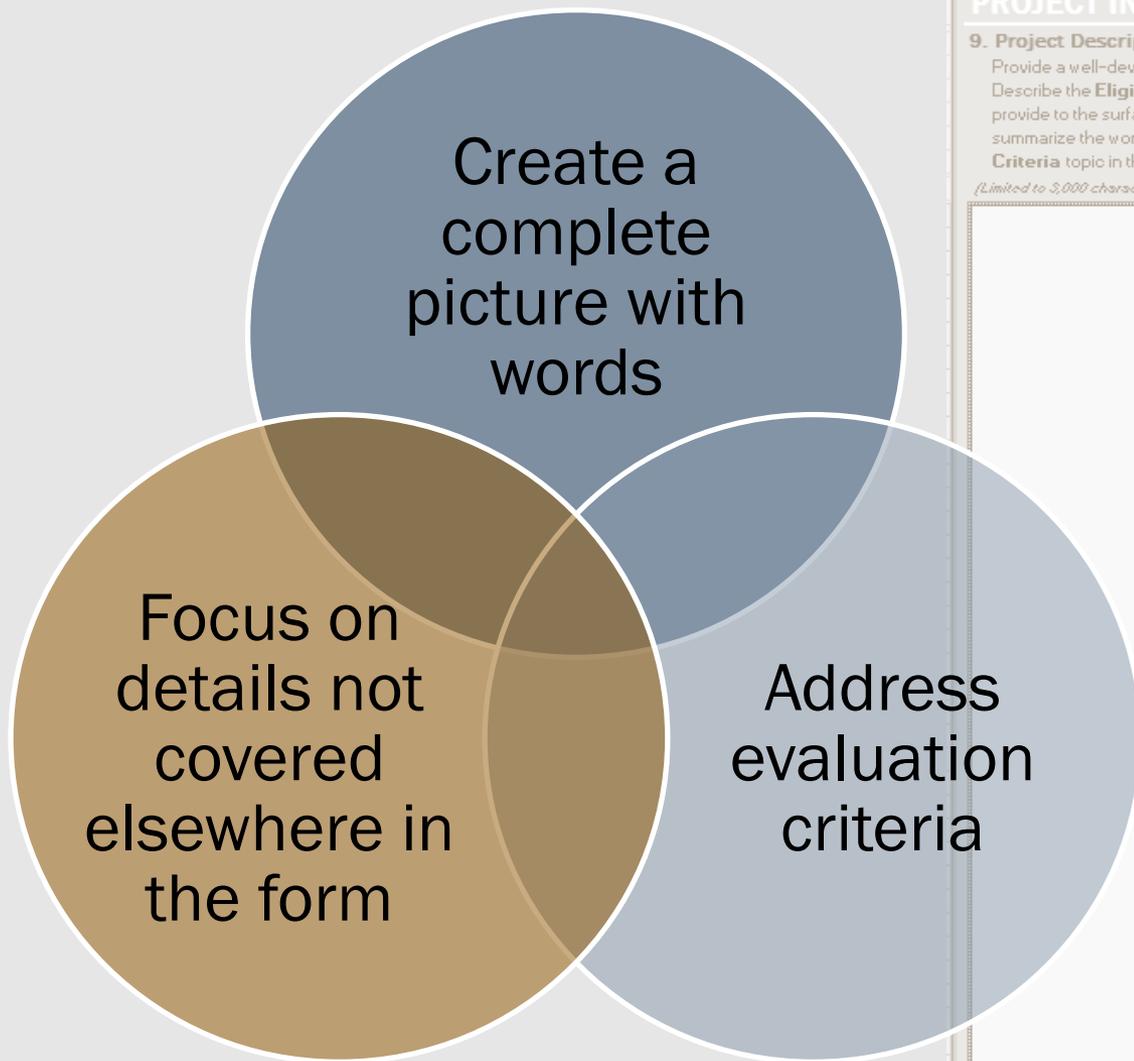
applicable.

The construction plans for this project are currently:

Insert plan review link:

Primary facility type:  Surface type/material:

# Project Description (#9 in Nomination Form)



## PROJECT INFORMATION

### 9. Project Description

Provide a well-developed narrative about the project for which the project sponsor is seeking funding. Describe the **Eligible Project Activity** (topic 6 on page 1). Explain the benefits the project will provide to the surface transportation system. Include details about the proposed improvements and summarize the work activities to be performed. Review the **Project Evaluation and Selection Criteria** topic in the 2017 TA Set-Aside Program Guide and address criteria categories as part of the

*(Limited to 3,000 characters with spaces. Do not add spaces between lines. Use print preview to verify text fits in the box below.)*

Empty text box for project description.

# Sample project descriptions

- “The project would construct a 12-foot-wide shared use path along Dillon Creek from the Dowling Apartments (public housing) to Lamar Elementary School. The project would include a flashing beacon, ADA-curb ramps, crosswalks, and signage at both termini, as well as a 60-foot-long, 14-foot-wide (clearance inside rail to inside rail) pre-fabricated bicycle/pedestrian bridge over Dillon Creek.”
- “The proposed project would construct new 6-foot wide, 5-inch reinforced concrete, ADA-compliant sidewalks on both sides of Market St from Yates St to Bend Ave (1 mile), including replacing damaged, non-compliant sidewalks on the north side of Market St between Main St and Bend Ave (0.3 mile of total project length). The sidewalks would provide residents of northwest Adamsville an alternative, non-motorized route to the downtown retail and employment center.”

## PROJECT INFORMATION

### 9. Project Description

Provide a well-developed narrative about the project for which the project sponsor is seeking funding. Describe the **Eligible Project Activity** (topic 6 on page 1). Explain the benefits the project will provide to the surface transportation system. Include details about the proposed improvements to be performed, summarize the work activities to be performed. Review the **Project Evaluation and Selection Criteria** topic in the 2017 TA Set-Aside Program Guide and address criteria categories as applicable.

*(Limited to 5,000 characters with spaces. Do not add spaces between lines. Use print preview to verify text.)*

# Project Details (#7 and #10 in Nomination Form)

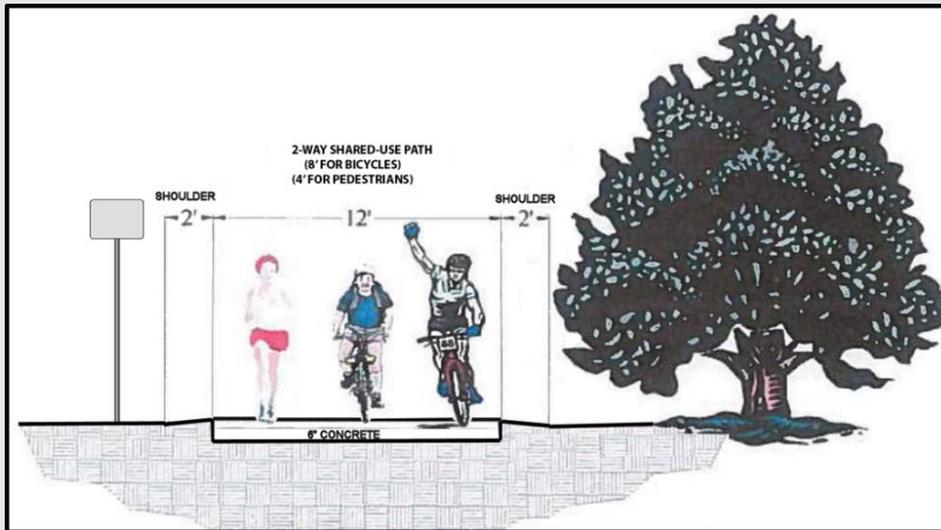
## 7. Project Location Information

- Project Dimensions
  - Total length
  - Facility width
  - Material depth

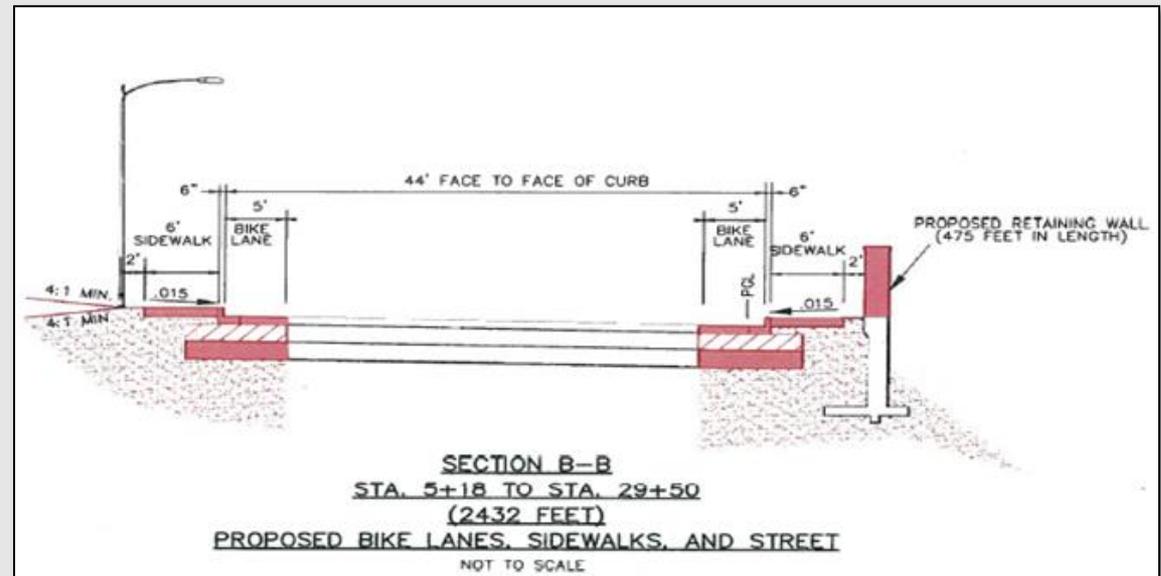
## 10. Project Details

- 30% or more plans for review
- Facility type
- Surface type/material
- Bridge details
  - Construction
  - Number
  - Length
  - Width
  - Superstructure material

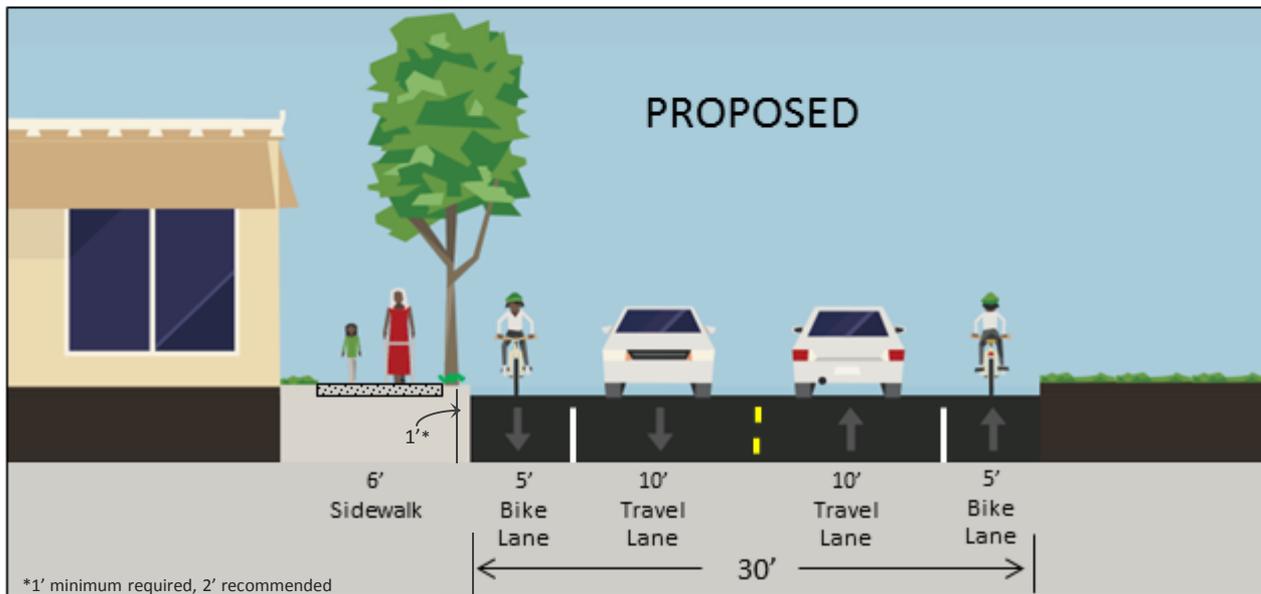
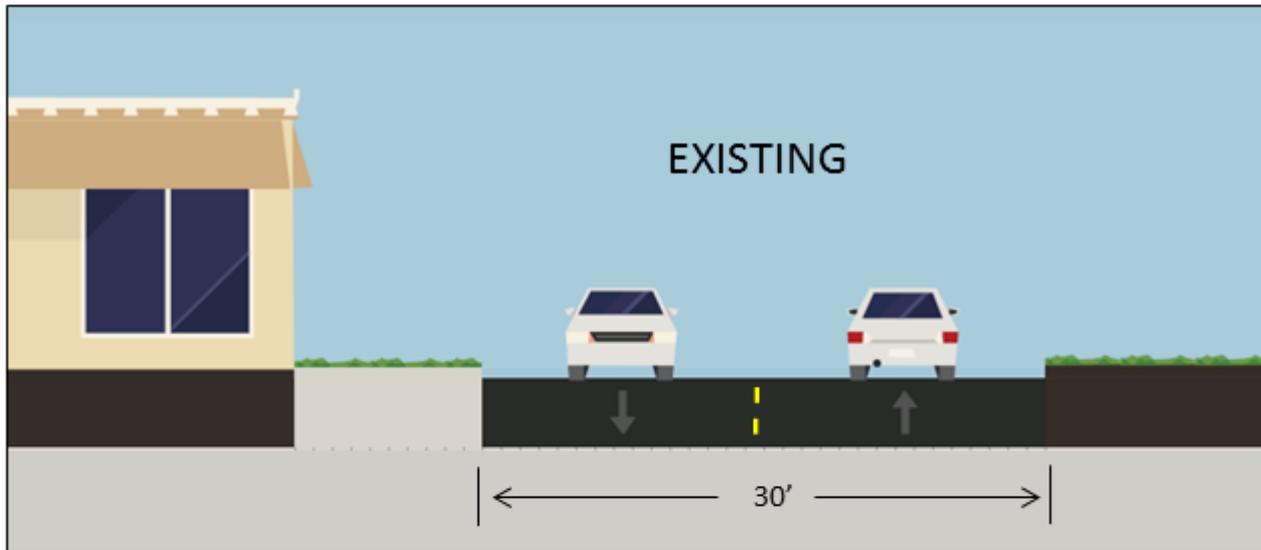
# Typical sections (10. Project Details – recommended)



- Demonstrates compliance with standards
- Shows how the project fits into existing footprint as well as the built and natural environments



# Typical sections (10. Project Details – recommended)



[streetmix.net](http://streetmix.net)

# Designs must comply with TxDOT manuals and specifications

Roadway Design Manual



Revised October 2014

© 2014 by Texas Department of Transportation  
(512) 302-2453 all rights reserved

Bridge Design Manual - LRFD



Revised October 2015

© 2015 by Texas Department of Transportation  
(512) 443-8630 all rights reserved

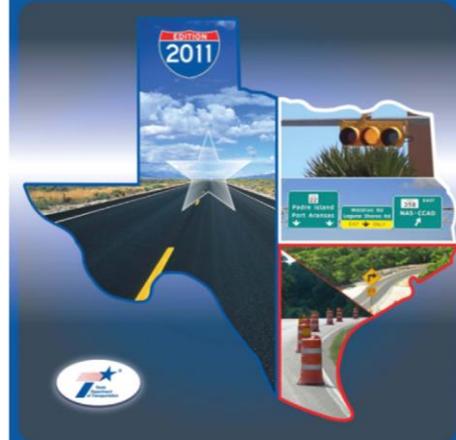


Standard  
Specifications  
for Construction  
and Maintenance of  
Highways, Streets,  
and Bridges

Adopted by the  
Texas Department of Transportation  
November 1, 2014

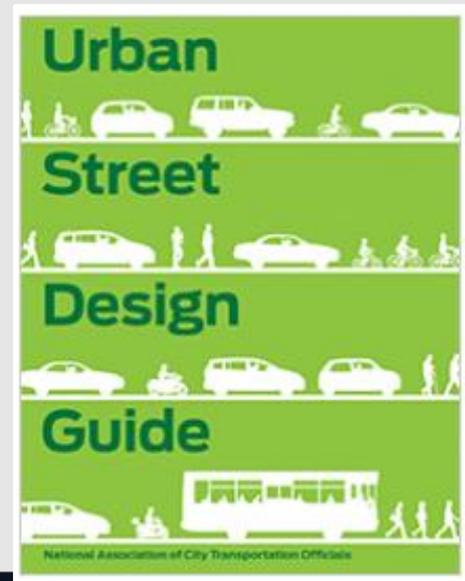
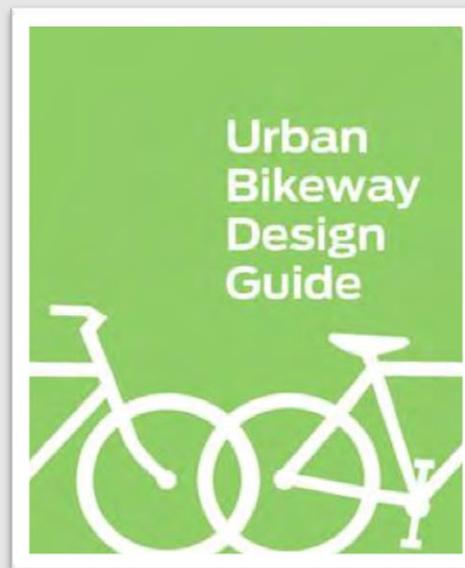
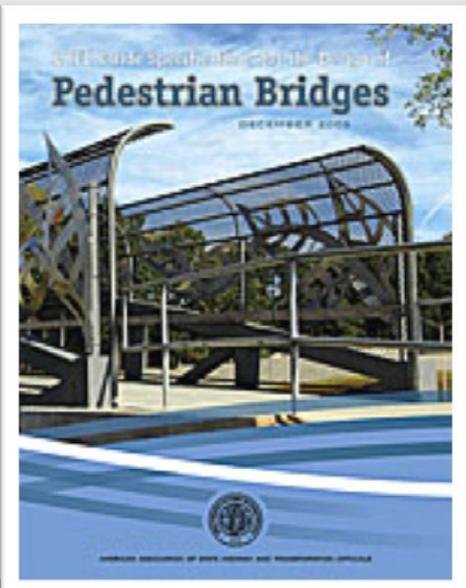
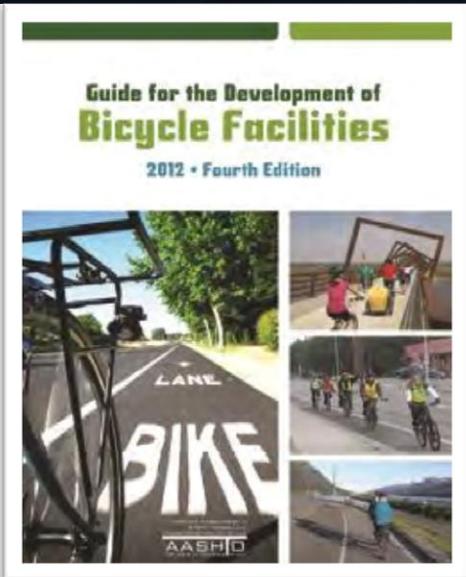
Texas MUTCD

Manual on Uniform Traffic Control Devices  
Revision 2, October 2014



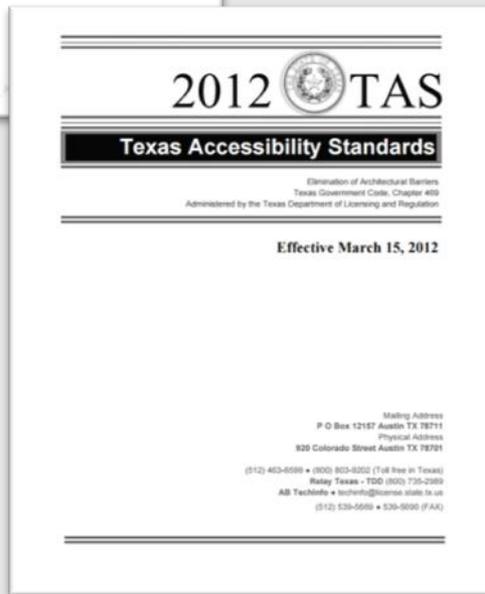
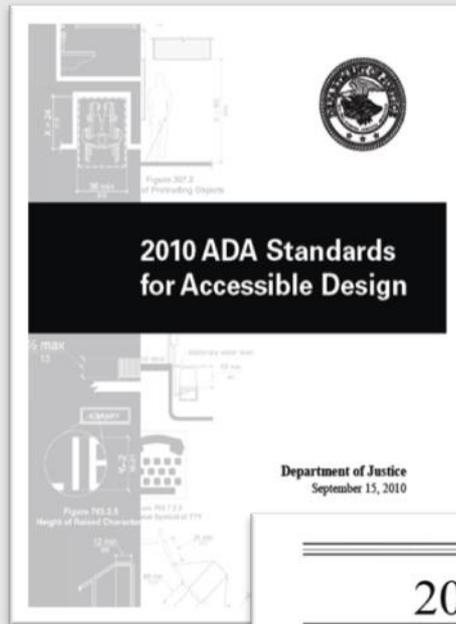
# Nationally recognized design guides

AASHTO  
(adopted  
by TxDOT)



NACTO

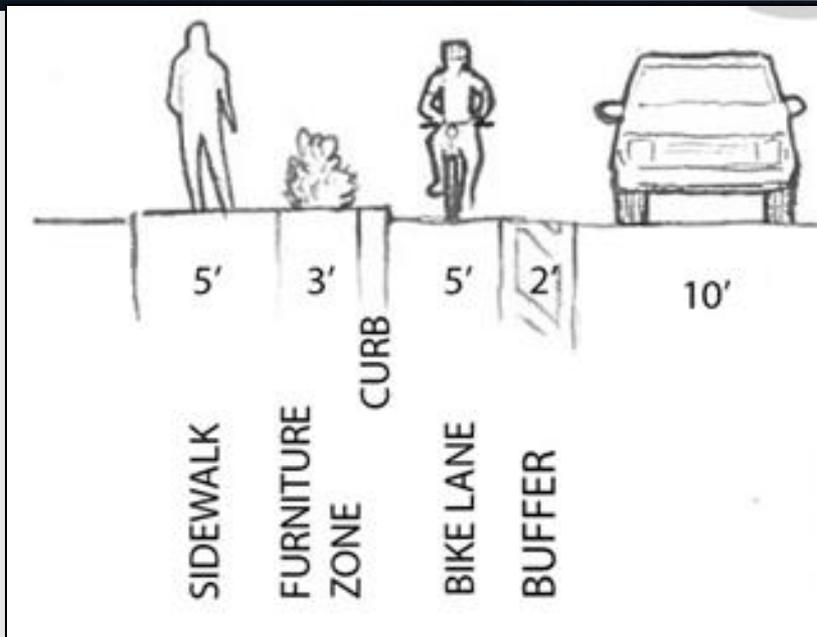
# Design criteria – Americans with Disabilities Act (ADA)



## 36 CFR Part 1190 - Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way

“The proposed guidelines apply to pedestrian facilities in the public right-of-way. The proposed guidelines define the public right-of-way to mean "public land or property, usually in interconnected corridors, that is acquired for or dedicated to transportation purposes"....”

# Example: Safety



Project Description:

“Upgrade 4 intersections with Accessible Pedestrian Signals and countdown timers”

“...10 pedestrian accidents in the last 3 years according to Mayberry Police Department....”

**Table 1: Department Goals & Project Emphasis Areas** (Represents 50% of the Total Evaluation Score)

Criteria Categories	Criteria Description	Criteria Evaluation Factors	Topics in Nomination Form
Safety	Provides safer and/or less intimidating accommodations for pedestrians, bicyclists, and other non-motorized traffic, including Safe Routes to School infrastructure.	<ul style="list-style-type: none"> <li>Improves safety in areas with high numbers of crashes (provide crash data and source, if available)</li> <li>Improves conditions for bicyclists, pedestrians, and other non-motorists at roadway crossings and/or traffic signals</li> <li>Implements traffic calming measures</li> <li>Provides protected or separate facilities for bicyclists and pedestrians</li> </ul>	9, 10, 23

## What do maps and exhibits convey?

- Context
- Community features
- Communities served by the project
- Safety, mobility/congestion mitigation, regional connectivity, accessibility, environmental benefits, and economic development criteria

## Where does the project sponsor provide maps and exhibits?

- Project Details (topic 10) – as Attachment B

### 10. Project Details

Provide maps, typical sections, charts/diagrams, and photographs to describe the proposed project

Insert plan review link:

Primary facility type:

Surface type/material:

Does this project include bridge improvement:

Total # of proposed bridges:

*Note: If more than one bridge is proposed, identify the bridge with the highest value in the nomination. Identify additional bridges in an attachment.*

Structural Materials (Deck/ Beams):

Bridge construction:

Bridge length:  ft

Bridge width:  ft

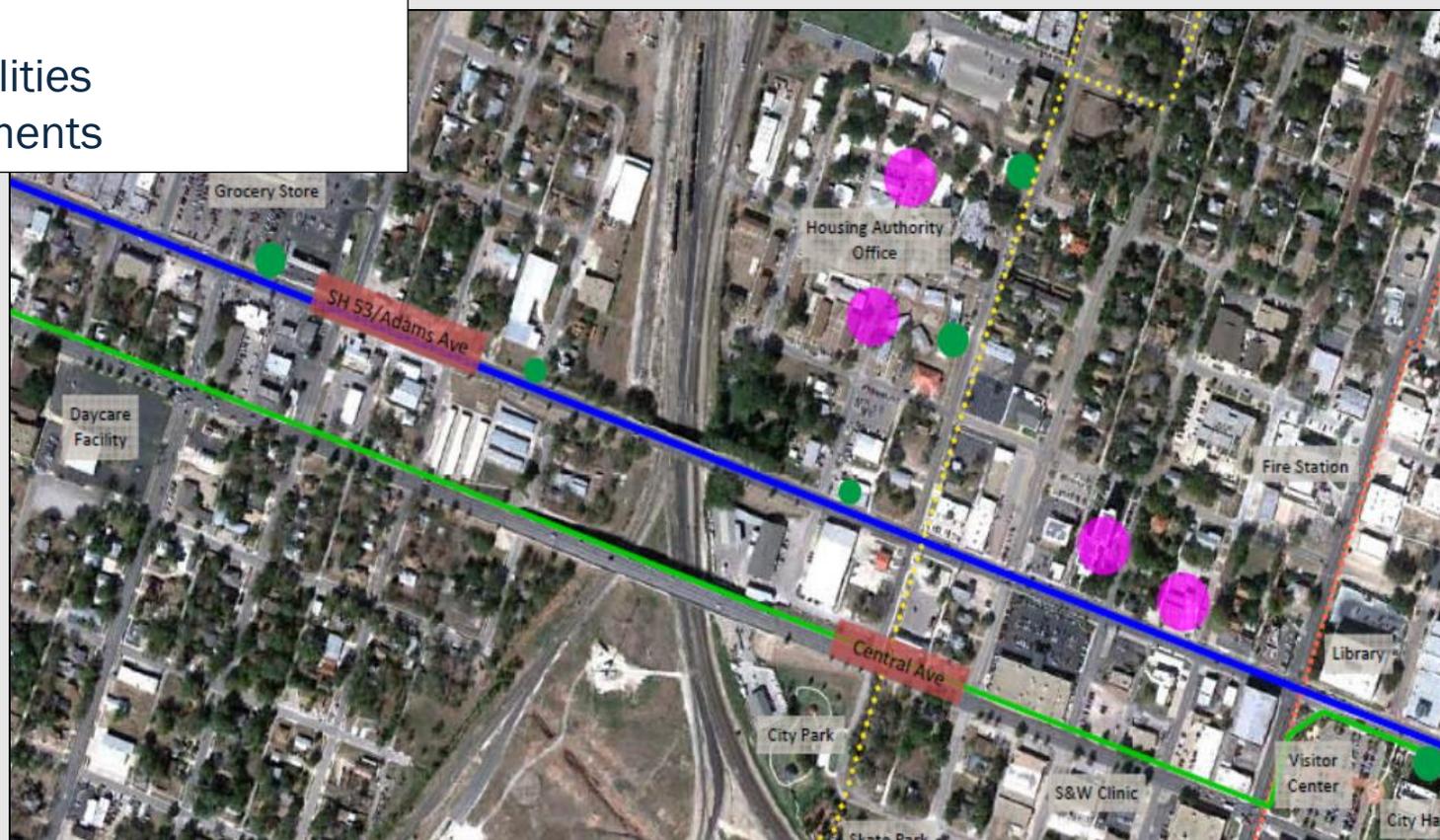
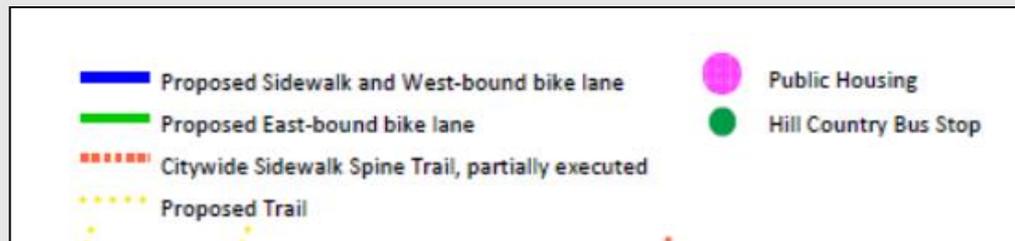
Rail type:

Label attachment(s) as **Project Details- Attachment B** - No more than 15 pages.

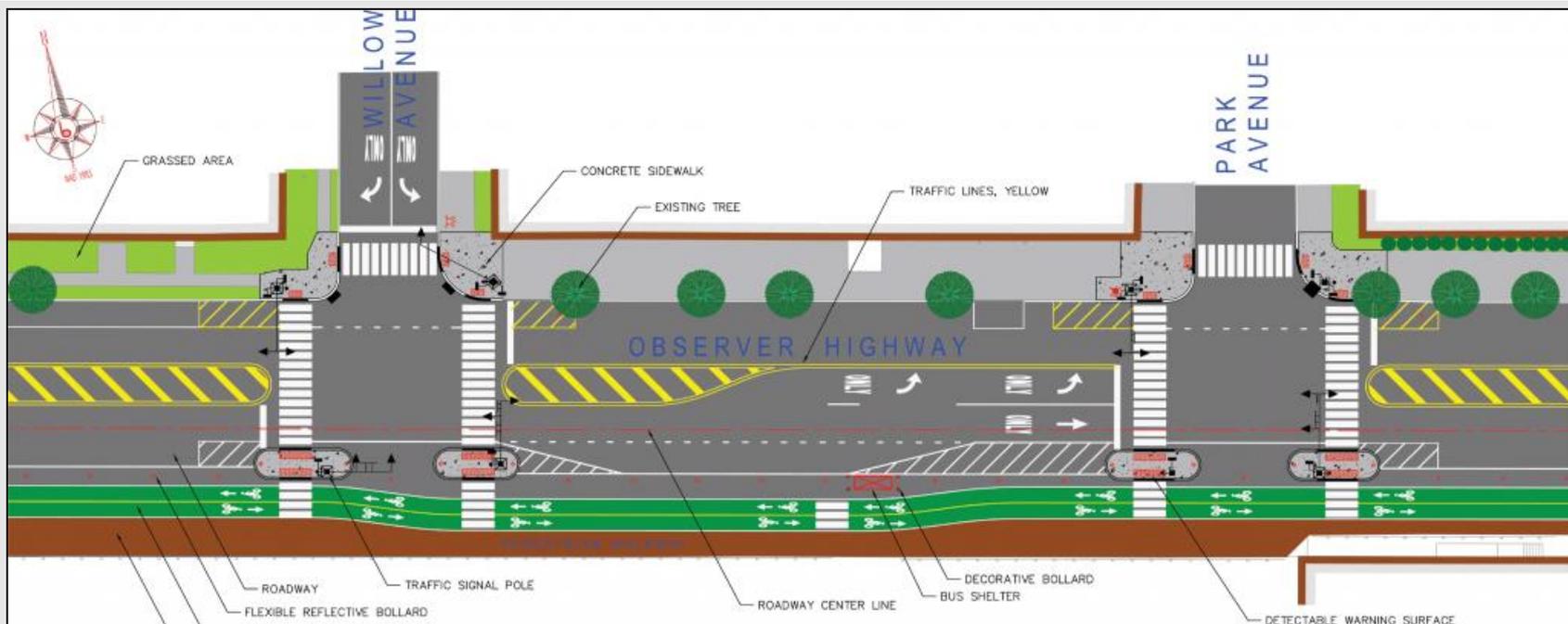
# Project location map - REQUIRED

Identifies:

- Street names
- Transit stops
- Interconnecting bike/ped network
- Parks
- Public housing
- Government facilities
- Retail establishments



# Project layout - REQUIRED

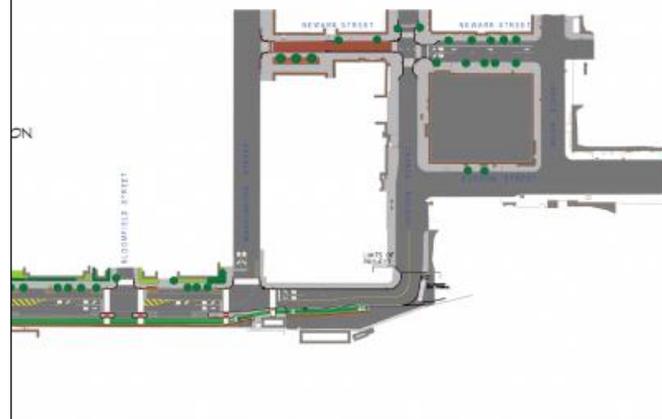


## Identifies:

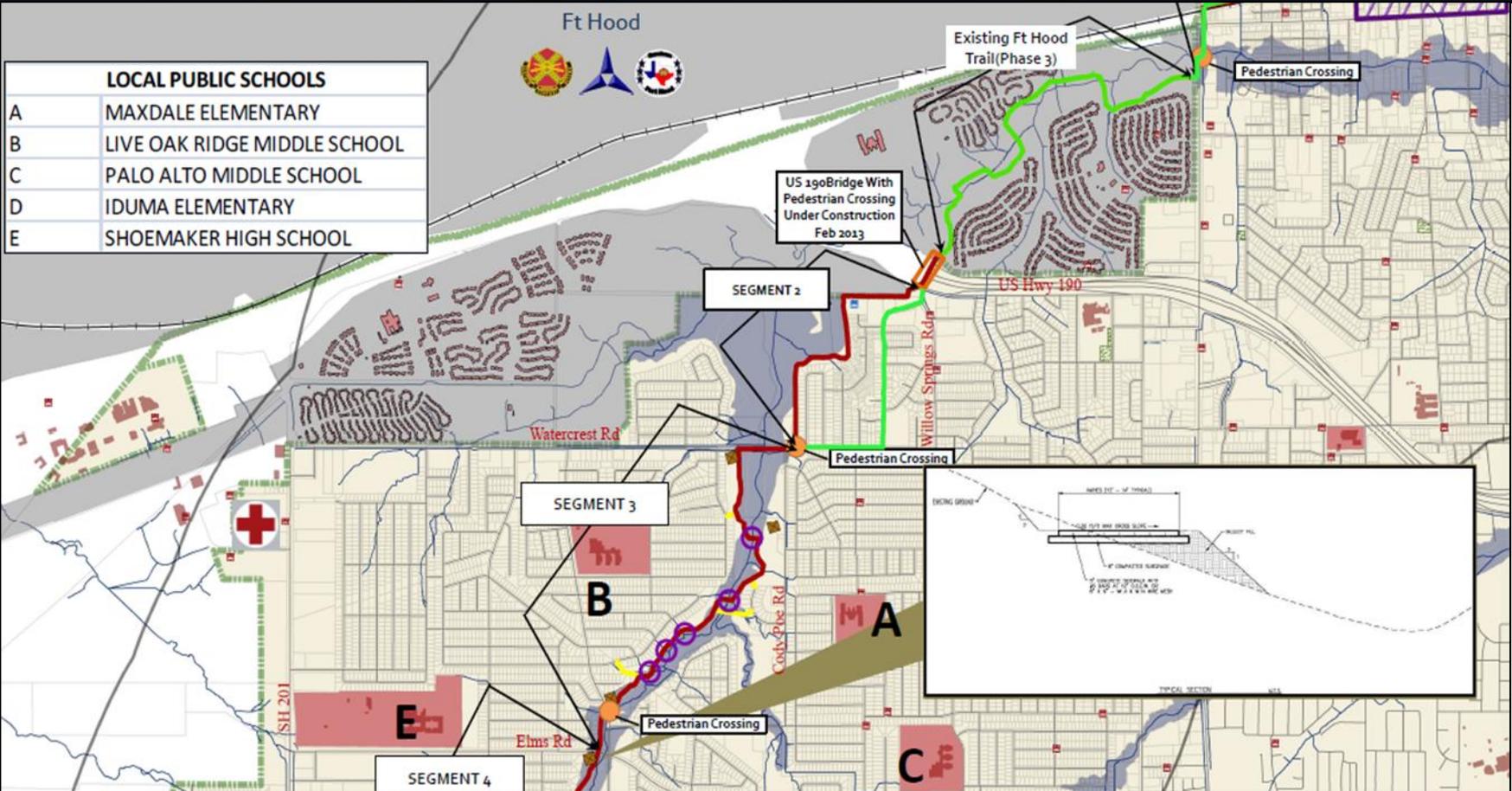
- Bicycle and pedestrian accommodations
- Safety features
- Interactions between auto and non-motorized traffic
- Transit connections
- Preserved landscape features

## Includes:

- Scale
- Context
- Street names



# Example: Regional/Local Connectivity



LOCAL PUBLIC SCHOOLS	
A	MAXDALE ELEMENTARY
B	LIVE OAK RIDGE MIDDLE SCHOOL
C	PALO ALTO MIDDLE SCHOOL
D	IDUMA ELEMENTARY
E	SHOEMAKER HIGH SCHOOL

Regional Connectivity	Improves local and/or regional connections. Provides multi-modal connections to rail and/or transit.	<ul style="list-style-type: none"> <li>• Enhances network continuity (gap closures, extension of regional facilities, links communities)</li> <li>• Provides direct connections to transit and/or rail (shared use paths, sidewalks, and on-street bikeways)</li> <li>• Provides access to employment centers, schools, retail, institutional facilities, and other special traffic generators</li> </ul>	<p>9, 10, 18, 19</p> <p>✓</p> <p>✓</p>
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## What do photographs convey?

- Context, including built and natural environment
- Existing conditions
- Safety, accessibility, and environmental benefits criteria

## Where does the project sponsor provide photographs?

- Project Details (topic 10) – as Attachment B

### 10. Project Details

Provide maps, typical sections, charts/diagrams, and photographs to describe the proposed project and improvements in detail. **A location map and a project layout map are a minimum requirement.** A typical section is requested. The project layout map must be at a scale to

Primary facility type: (select) Surface type/material: (select)

Does the project include lighting adjacent to a roadway within state-maintained right-of-way? (select)

Does the project include bridge improvement: (select) Total # of proposed bridges: (select)

*Note: If more than one bridge is proposed, identify the bridge with the highest value in the table. Identify additional bridges in an attachment.*

Structural Materials (Deck/Beams): (select)

Bridge construction: (select) Bridge length: ( ) ft Bridge width: ( ) ft Rail type: (select)

Label attachment(s) as **Project Details- Attachment B** - No more than 15 pages.

11. Project Priority Ranking by Project Sponsor (Example: 1 of 1, 2 of 4, 1 of 3) of ( )

12. Official Project Sponsor Funding Resolution or Ordinance

# Photographs provide context



Adjacent historic buildings along SH 29 facing west (7/19/16)

Historic truss bridge repurposed for bike/ped use on SH 150 facing south (5/14/16)



- Historic districts
- Environmental features
- Separated vs on-street pathways
- Repurposed bridges

# Photographs demonstrate existing conditions

1. Poor conditions
2. Absent facilities
3. Worn paths



# TAP projects proposed to remedy unsafe conditions



- Kids walking in streets
- Unsignalized crossings



# Example: Accessibility



<p>Accessibility</p>	<p>Improves access and/or provides safer crossings for non-motorized traffic at an existing travel barrier. Provides ADA compliant improvements.</p>	<ul style="list-style-type: none"> <li>• Provides a grade-separated or improved crossing for non-motorized traffic either under, over, or across a barrier (such as a water body, major roadway, or railroad)</li> <li>• Constructs new sidewalks and/or bikeways</li> <li>• Provides new ADA compliant infrastructure</li> </ul>	<p>✓ ✓ ✓</p> <p>9, 10, 17, 18, 19, 20, 23</p>
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# Public and stakeholder support

## What does public/stakeholder support convey?

- Community awareness and acceptance of project
- Coordination and transparency
- Consistency with local planning
- Safety, mobility/congestion mitigation, regional connectivity, accessibility, environmental benefits, and economic development criteria

## Where does the project sponsor document public and stakeholder support?

- Public Involvement and Support (topic 14) – Attachment E
- Property Ownership and Acquisition Information (topic 16) – Attachment G
- Local Bicycle, Pedestrian, or other Transportation Plan (topic 18) – Attachment I
- Safe Routes to School Plan (topic 19) – Attachment J

18. Local Bicycle, Pedestrian, or other Transportation Plan (if  
If yes, include as an attachment only the cover and pages of the plan referring to this project.

14. Public Involvement and Support  
Provide a summary of the public engagement activities and support for this project in the text box below. Include dates, times, and outcomes. (A bulleted list in the box provided or  
(Limited to 600 characters with spaces: do not add spaces between lines. Keep response within

# Public involvement summary

Date	Event	Outcome
12/31/2012	Public Meeting - SRTS Plan	Presented proposed Milam ISD SRTS Plan to community; general public support
2/14/2014	Open House - Milam MS Trail	Presented trail project to neighborhood; 12 citizens attended; all in support of project
3/17/2014	Website and online survey - Milam MS Trail project	50 citizens visited website and took survey; 88% supported the project

- 6/1/2014 Meeting with adjacent property owner - property owner agreed to relocate fence to accommodate project construction (letter attached)
- 7/15/2014 Presentation to Milam ISD PTA - MISD passed resolution supporting project (resolution attached)
- 7/17/2014 Presentation to Whispering Oaks Neighborhood Association (WONA) - WONA passed a resolution in support of project (resolution attached)
- 7/20/2014 Presentation to Milam City Council - ordinance supporting the project (ordinance attached)
- 7/27/2014 News article - described community presentations and local support (article attached)
- 2/14/2017 Letter from Congressman Johnson - expressed support for project (letter attached)
- 2/16/2017 Letter from Downtown Business Alliance - supports project (letter attached)
- 2/20/2017 Letter from Mr. Bob Jones - indicated a willingness to enter into negotiations for ROW acquisition (letter attached)

# TxDOT letter of consent



## Texas Department of Transportation

100 SOUTH LOOP DRIVE • WACO, TEXAS 76704-2858 • (254) 867-2700

November 15, 2012

Mayor Michael Morgan  
City of Troy  
P.O. Box 389  
Troy, Texas 76579

**Subject: Troy Streetscape Project**

Dear Mayor Morgan:

I am writing this letter on behalf of the Texas Department of Transportation to express our enthusiastic support of the pedestrian developments proposed along Main Street (FM 935). We definitely believe that this project will serve the community as it creates a pedestrian friendly atmosphere around the historic downtown district. Travelers along our system will be invited to stop and enjoy the sites and shopping offered the revitalized downtown business district.

I also understand from reviewing your nomination that the scope of your project shall require the use of TxDOT's right-of way. The Waco District is committed to support this project and will provide the City with adequate right of entry necessary to allow such development along our existing transportation facilities. Your efforts to address safety improvements within TxDOT's and the City's existing traffic facilities should directly impact the traveling public's overall perception of our joint system.

With your comprehensive nomination and widespread community support, I believe that your proposal will receive careful consideration by the Texas Transportation Commission.

Should you have any questions, please contact Mr. Jim Reed, Waco District TE Program Coordinator, at (254) 867-2733.

Sincerely,

Albin A. Petter, P.E.  
Interim District Engineer  
Waco District

cc: Ali Bashi, P. E.  
Kevin Dickey, P.E.  
Jim Reed

PROPERTY OWNERSHIP AND  
ACQUISITION INFORMATION  
ATTACHMENT D  
PAGE 1

THE TEXAS PLAN  
REDUCE CONGESTION • ENHANCE SAFETY • EXPAND ECONOMIC OPPORTUNITY • IMPROVE AIR QUALITY  
INCREASE THE VALUE OF OUR TRANSPORTATION ASSETS

*An Equal Opportunity Employer*

# Project identified in regional plan



Killeen-Temple MPO  
REGIONAL THOROUGHFARE  
AND PEDESTRIAN/BICYCLE PLAN

## Appendix C Recommended Bicycle and Pedestrian Facilities

Killeen-Temple MPO Regional Thoroughfare and Pedestrian/Bicycle Plan

Appendix C

### Recommended Bicycle and Pedestrian Facilities

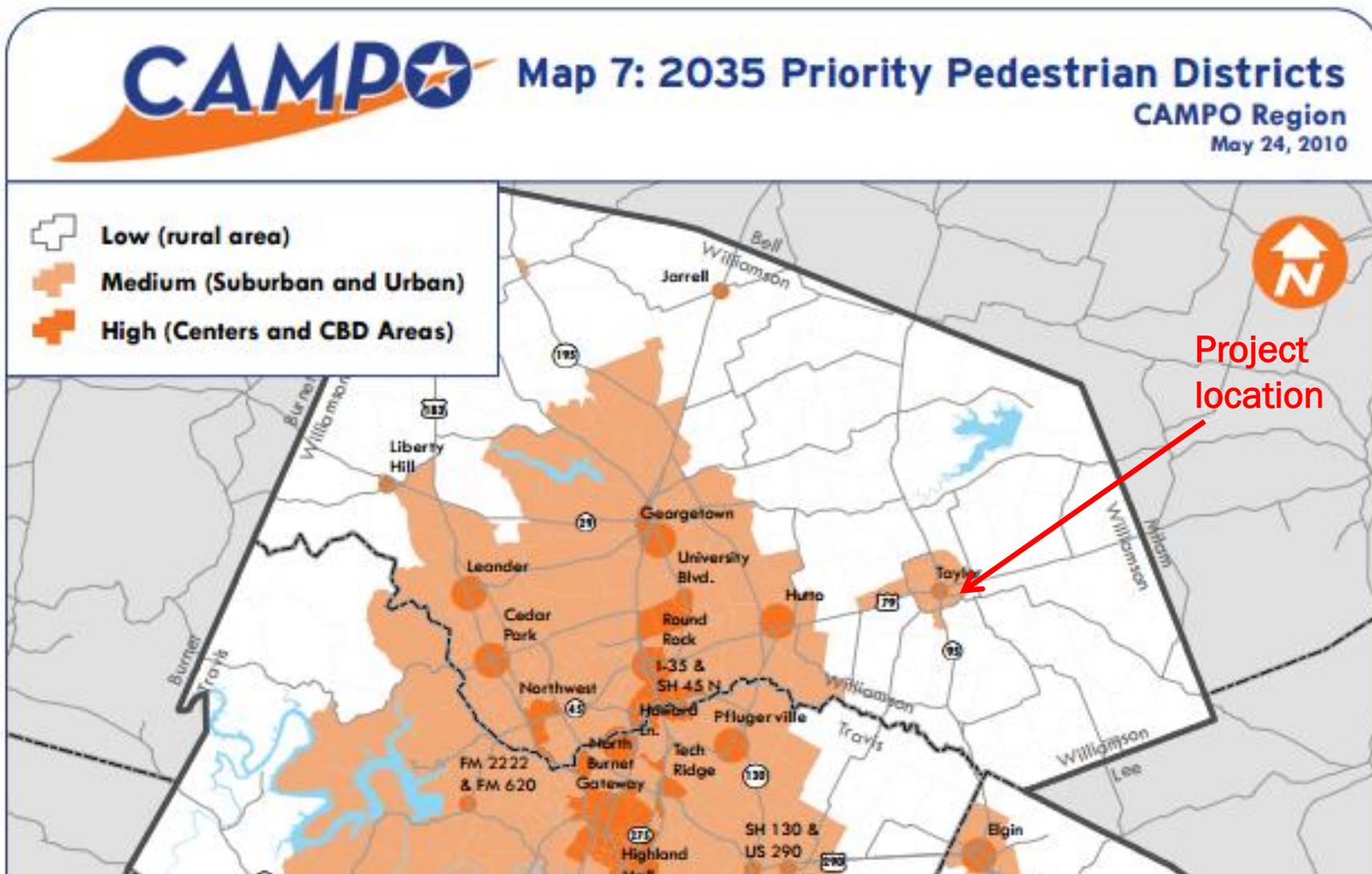
City of Troy									
ID	Type	Action	Location	Limits	Existing Condition	In Local Plan	State Highway	Length (mi.)	Cost (\$)
156.1	Pedestrian Sidewalk, Bike Signage	Modify existing sidewalk for ADA compliance, add bike signage	South side of East Main St. South along Front Street	From proposed H35 improvements Eastward to Front St.	2 lane roadway	No	Yes	.1	*\$245,000
156.2	Pedestrian Sidewalk, Bike Signage	Modify existing sidewalk for ADA compliance, add bike signage	North side of East Main St	From proposed H35 improvements Eastward to Front St. then crosswalk South	2 lane roadway	No	Yes	.1	*\$211,250

TOTAL

\* Cost estimates provided by project sponsoring entity

\*\$456,250

# Project located in priority planning area



# Example: Congestion Mitigation



## BICYCLE AND PEDESTRIAN STRATEGIES

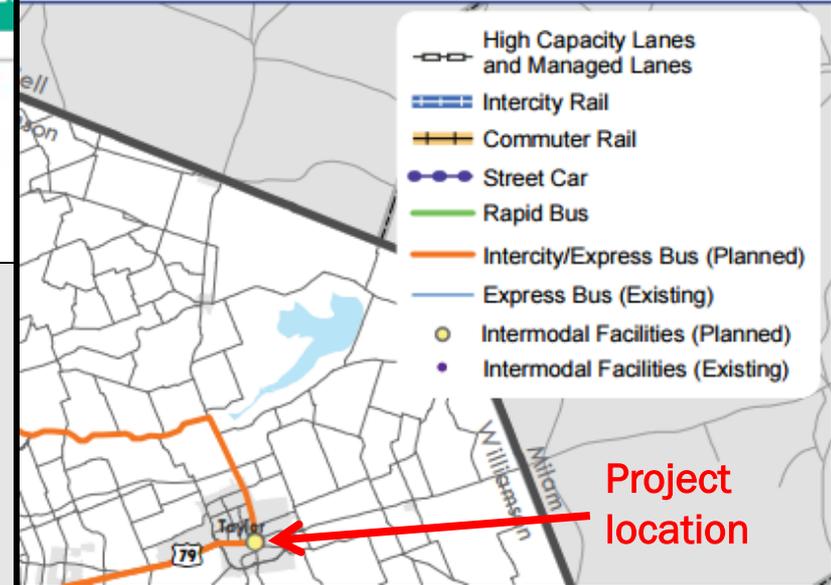
**Improved Bicycle Facilities at Transit Stations and Other Trip Destinations.** Increases safety with the addition of bicycle racks and bike lockers at transit stations and other trip destinations; additional amenities such as locker rooms with showers at workplaces provide further incentives for using bicycles.

- Increase bicycle mode share
- Decrease motorized vehicle congestion on access routes

## Map 5: 2035 Regional Public Transportation System

CAMPO Region

May 24, 2010



<p>Mobility &amp; Congestion Mitigation</p>	<p>Increases transportation options for non-motorists. Improves the ability to walk and bicycle for everyday activities including travel to work, school, and shopping. Provides accommodations that help reduce congestion.</p>	<ul style="list-style-type: none"> <li>• Improves access and/or enhances mobility for non-motorized transportation</li> <li>• Provides an alternate non-motorized route parallel to major thoroughfares</li> <li>• Demonstrates potential for a measurable reduction in congestion and/or a mode shift</li> </ul>	<p>9, 10, 18, 19</p>
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## What does the itemized budget convey?

- Project scope and scale
- Prevention of potential overruns
- Supports activities described elsewhere in nomination form
- Safety, accessibility, economic development, project readiness, and local funding criteria

### ITEMIZED BUDGET

#### 23. Itemized Construction Cost Estimate

Provide a detailed cost estimate of all construction costs - use appropriate units (SY, SF, LF, etc.)

Refer to TxDOT's 2017 TA Set-Aside Program Guide for guidance.

Click here for TxDOT's Average Low Bid Unit Prices (or visit: <http://www.txdot.gov/business/letting-bids/average-low-bid-unit-prices>)

## Where does the project sponsor provide the itemized budget?

- Itemized Construction Cost Estimate (topic 23)
- Additional Construction-Related Costs (topic 24)

# Average low bid unit prices



TEXAS DEPARTMENT OF TRANSPORTATION

Driver | Business

## AVERAGE LOW BID UNIT PRICE - CONSTRUCTION - STATEWIDE

Last Update: Friday, January 27, 2017

ITEMS 100 2001 TO 105 6049

Items	Items	Bid Code Range
0100 - 0193	1000 - 1133	100 2001 - 105 6049
0204 - 0292	2002 - 2274	105 6054 - 160 6006
0305 - 0368	3000 - 3271	160 6008 - 170 6001
0400 - 0497	4000 - 4183	170 6002 - 193 6036
0500 - 0560	5000 - 5969	
0610 - 0690	6000 - 6920	
0700 - 0788	7001 - 7669	
0800 - 0800	8020 - 8998	
	9010 - 9063	

Item No	Description	Units	December 31, 2016		Twelve-Month-Moving	
			Quantity	Avg Bid	Quantity	Avg Bid
100 2001	PREPARING ROW	AC			19.880	50,000.00
100 2002	PREPARING ROW	STA			1,178.540	14,098.00
100 2004	PREPARING ROW(TREE)(12" TO 24" DIA)	EA			46.000	1,000.00
100 2009	PREPARING ROW (TREE) (6" TO 24" DIA)	EA			90.000	765.00
100 2010	PREPARING ROW (TREE)(10" TO 48" DIA)	EA			45.000	1,200.00
100 6001	PREPARING ROW	AC			143.697	6,958.00
100 6002	PREPARING ROW	STA	1,573.380	5,183.53550	34,457.240	2,092.00
100 6003	PREPARING ROW(TREE)(5" TO 12" DIA)	EA	2.000	965.40000	139.000	393.00



TEXAS DEPARTMENT OF TRANSPORTATION

Driver | Business

## AVERAGE LOW BID UNIT PRICE - CONSTRUCTION - ABILENE DISTRICT

Last Update: Friday, January 27, 2017

ITEMS 100 6001 TO 169 6003

Items	Items	Bid Code Range
0100 - 0169	3014 - 3014	100 6001 - 169 6003
0216 - 0251	6001 - 6156	
0305 - 0360		
0400 - 0496		
0500 - 0560		
0610 - 0690		
0700 - 0730		

Item No	Description	Units	December 31, 2016		Twelve-Month-Moving		Usage
			Quantity	Avg Bid	Quantity	Avg Bid	
100 6001	PREPARING ROW	AC			.200	150,000.00000	1
104 6009	REMOVING CONC (RIPRAP)	SY			3,835.000	14.22024	6
104 6011	REMOVING CONC (MEDIANS)	SY			648.000	7.25000	1
104 6021	REMOVING CONC (CURB)	LF			70.000	10.00000	1
104 6029	REMOVING CONC (CURB OR CURB & GUTTER)	LF			2,375.000	9.00000	1
104 6054	REMOVING CONCRETE(MOW STRIP)	LF			600.000	25.00000	1
104 6064	REMOVING CONC (MISC)	CY			1.000	130.00000	1
105 6019	REMOVING STAB BASE & ASPH PAV(14")	SY			17,960.000	4.25000	1
105 6020	REMOVING STAB BASE &	SY			13,444.000	10.10000	1

# Budget items to remember

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Mobilization

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Site preparation

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Erosion control

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Lighting

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Traffic control

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Demolition

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Remediation of hazardous conditions

**Remember: Federal TA Set-Aside funds are fixed based on the estimate in the nomination form!**

# Examples of eligible vs ineligible activities

## Eligible activities

- Incidental landscaping, environmental mitigation, utility adjustments
- Land survey for ROW demarcation
- Construction engineering and inspection
- Project administration

## Ineligible activities

- Major landscaping, environmental mitigation, utility adjustments
- Survey for design or ROW acquisition
- Legal services
- Contingency

# Example: Safety

Work Activities	Quantity	Unit	Unit Price	Amount
Mobilization	1	LS	\$72,000	\$72,000
Barricades, Signs and Traffic Control	1	LS	\$60,000	\$60,000
Remove Concrete Pavement (drive/intersection)	2,489	SY	\$30	\$74,667
Remove Concrete Curb & Gutter x 1	500	LF	\$6	\$3,000
Preparing Right of Way	2	AC	\$6,000	\$12,000
Embankment (FINAL), density controlled	5,000	CY	\$30	\$150,000
Excavation (special)	1,840	CY	\$20	\$37,545
Relocate Signage	1	LS	\$50,000	\$50,000
Lime Treated Subgrade (6 in)	8,149	SY	\$7	\$58,675
6 ft wide sidewalk -4.5 in. Concrete ★	5,256	SY	\$54	\$283,824
12 ft wide shared use path - 6in Concrete ★	2,893	SY	\$115	\$332,733
Curb ramps - 12 ft wide	2	EA	\$6,000	\$12,000
Curb ramps - 6 ft wide	30	EA	\$3,000	\$90,000
Cross Walk (Thermo) ★	7	EA	\$3,000	\$21,000
Conduit for signal (bore) - 4 inch	800	LF	\$120	\$96,000
Pedestrian Signal (head, pole, wiring complete)★	8	EA	\$24,000	\$192,000
Concrete Driveway Replacement (6 in thick)	2,489	SY	\$78	\$194,133
Sod Re-establishment	11,440	LF	\$2	\$27,456
Extension of existing Culvert	1	LS	\$75,000	\$75,000
Bike Route Signage	1	LS	\$60,000	\$60,000
Pavement Markings and signage (bike/ped) ★	1	LS	\$12,000	\$12,000
Erosion Control	1	LS	\$16,800	\$16,800
Cobra head light pole -200 ft spc. - wire incl.	23	EA	\$12,000	\$276,000
Barrier in area where path nears road ★	1	LS	\$150,000	\$150,000

Utility Adjustment
Storm Sewer (fill)
Retaining Wall <4
Concrete Curb ar

Safety	Provides safer and/or less intimidating accommodations for pedestrians, bicyclists, and other non-motorized traffic, including Safe Routes to School infrastructure.	<ul style="list-style-type: none"> <li>Improves safety in areas with high numbers of crashes (provide crash data and source, if available)</li> <li>Improves conditions for bicyclists, pedestrians, and other non-motorists at roadway crossings and/or traffic signals</li> <li>Implements traffic calming measures</li> <li>Provides protected or separate facilities for bicyclists and pedestrians</li> </ul>	9, 10, 23
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## What does project readiness convey?

- Represents 25% of evaluation score
- Awareness of potential pitfalls, challenges, and delays
- Consideration of all phases of project development
- Understanding of TxDOT's project development processes

## Where does the project sponsor demonstrate project readiness?

- Project Details (topic 10) – Attachment B
- MPO TIP Inclusion Letter (topic 13) – Attachment C
- Environmental Documentation (topic 15) – Attachment F
- Property Ownership and Acquisition Information (topic 16) – Attachment G
- Railroad Support/Right-of-Entry (topic 17) – Attachment H
- Project Timeline (topic 21) and Attachment L
- Itemized Construction Cost Estimate (topic 23)

### 21. Project Timeline

Estimate the amount of time it will take to complete this project (from planning through construction) by listing the time required for each activity listed below. Several activities should be completed concurrently (such as environmental documentation, PS&E development, and property acquisition). The **Time Estimate in Months** will be less than the total time for all activities. Refer to the 2017 TA Set-Aside Program Guide for additional information. Label attachment(s) as **Project Timeline-Attachment L**. No more than 2 pages.

**Planning Activities** (minimum 6 months)

Obtain a local agreement with the department, conduct government training, assign local government and department roles and responsibilities.

**Design and Plan Preparation** (minimum 6 months)

Solicit, select, negotiate, and execute contract(s) for engineering and environmental Plans, Specifications, and Estimates (PS&E) to state and federal staff for review by TxDOT District and Division staff, a registered accessibility specialist

# Advanced coordination may be necessary

Environmental permits

Resource agency coordination

ROW acquisitions

Utility relocations

Railroad agreements

July 25, 2013

Mr. Jonathan D. Bell, Housing Specialist  
Rural Development  
United States Department of Agriculture  
101 South Main Street, Suite 102  
Temple, Texas 76501

Re: College View Apartments, Ltd.

Greetings:

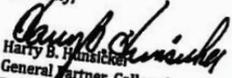
I am the General Partner of College View Apartments, Ltd. The City of Belton, Texas, has requested a portion of the apartment property for two projects both of which are dependent on each other. The conveyance would be a donation to the City and no monetary value would be received by the property owner.

Project one is a drainage easement and temporary construction easement. The Easement would restore the easement property back to its original condition upon completion of the project. The value of the easement property is \$699.00. The value of the temporary construction easement is \$156.00.

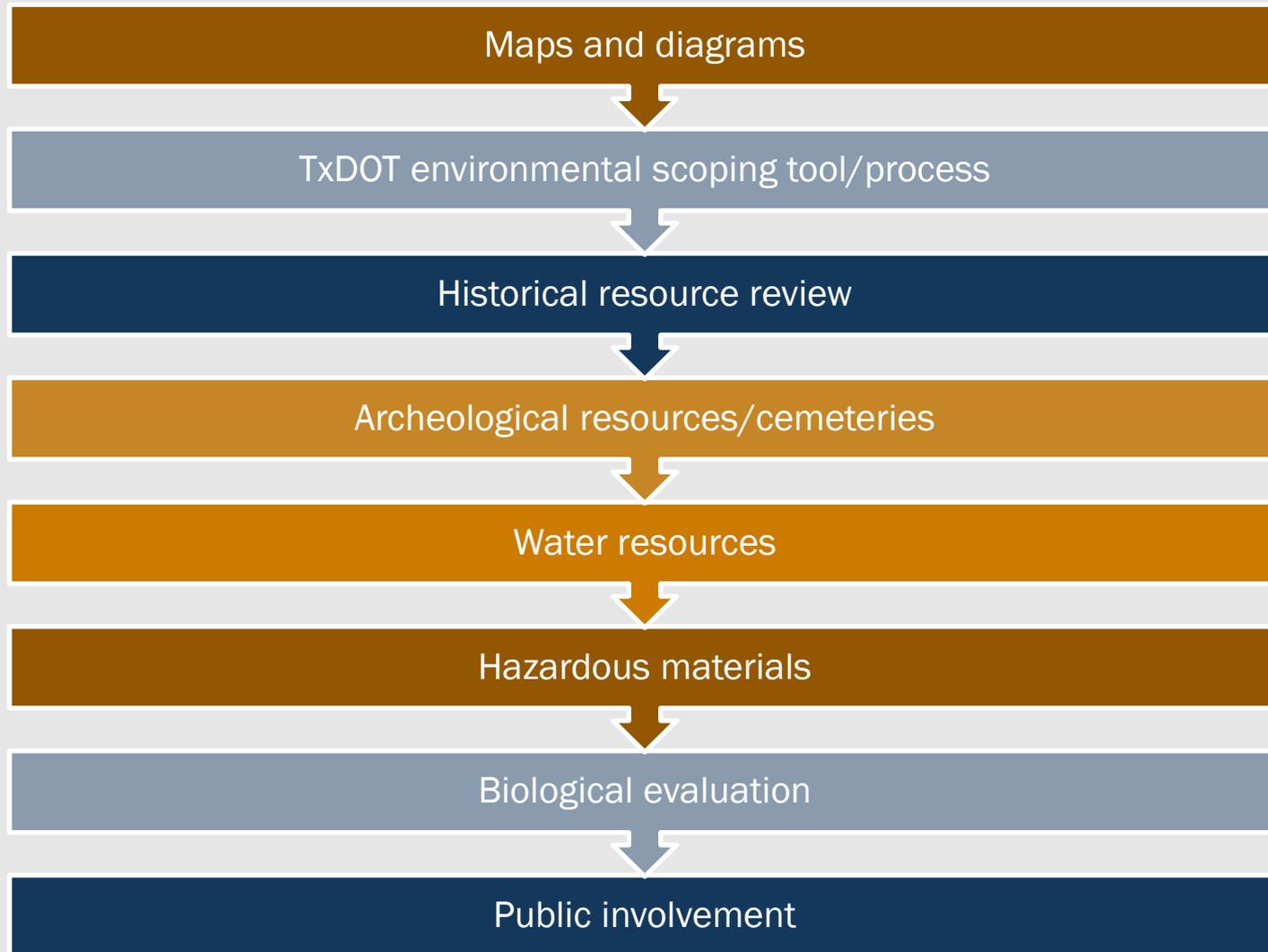
Project two is a continuation of the Nolan Creek Hike and Bike Trail, known as Phase II. The City has requested conveyance of 2.47 acres. The property has no improvements currently and a majority of the property is located within the flood plain. The value of the conveyance is \$42,000.00.

Attached is the completed and executed RD 3560-1 you requested.

Sincerely,

  
Harry B. Hunsicker  
General Partner, College View Apartments, Ltd.  
Borrower

# Environmental documentation for categorical exclusions



Coordinate with your local TxDOT Environmental Coordinator!

## Be proactive!

- Check the Texas Historical Commission atlas: [atlas.thc.state.tx.us](http://atlas.thc.state.tx.us)
- Search for Historic Resources Toolkit on [txdot.gov](http://txdot.gov)

THC coordination occurs prior to environmental approval

Historical properties can affect design – and cost

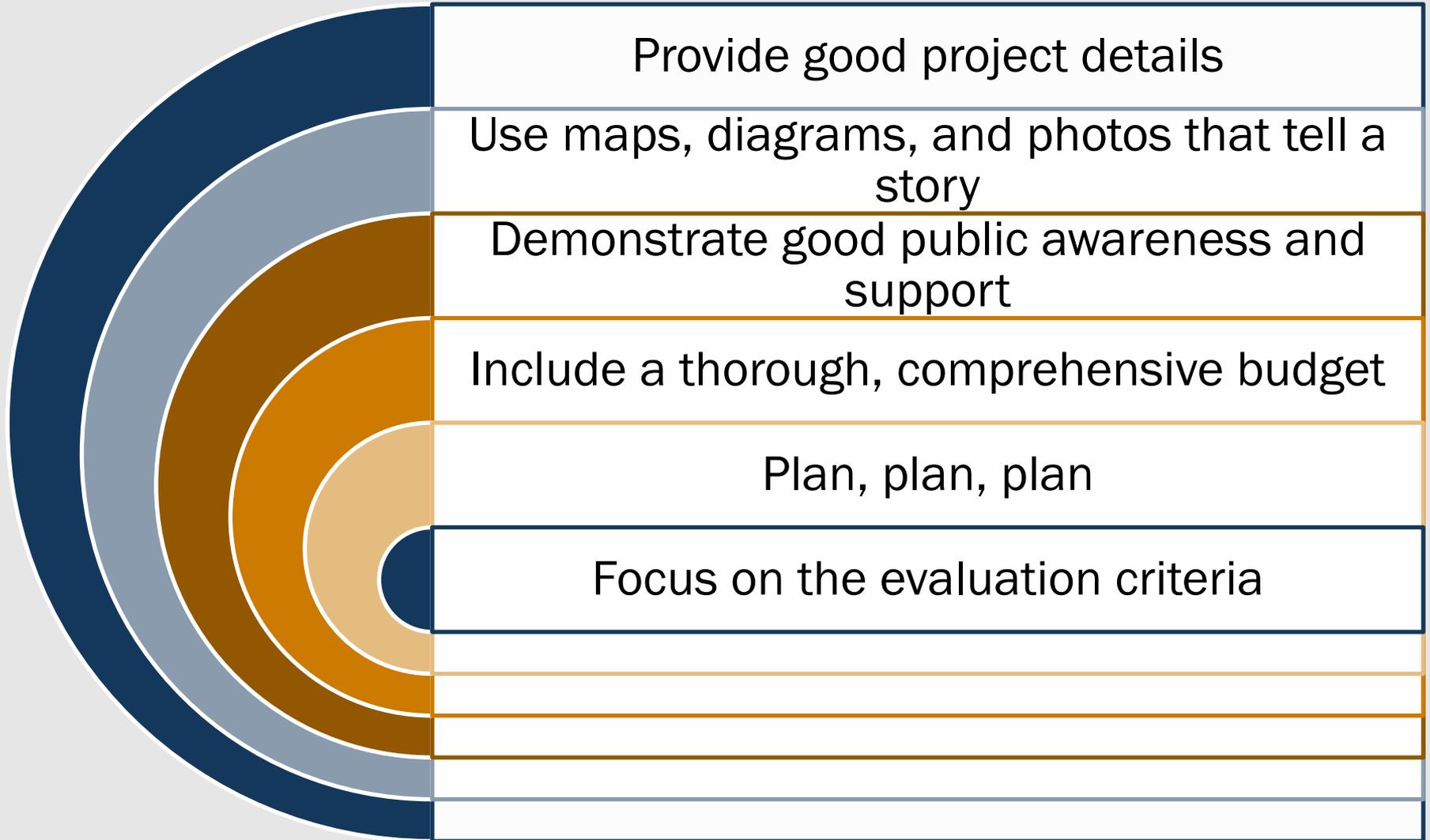
Use TxDOT pre-certified professionals

Contact your district environmental coordinator to learn more!

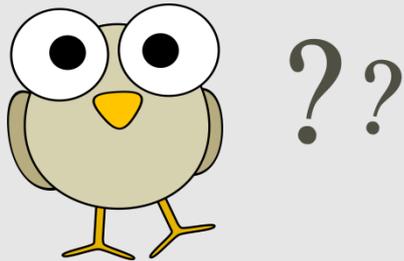
## Additional thoughts...

- Use the Program Guide as a tool
- Visit with your District representatives
- Use key words and phrases
- Back up claims with data
- Be concise
- Make good use of the space provided
- Go back through the nomination before turning it in

# Summary



# Questions?



Teri Kaplan  
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Statewide Bicycle/Pedestrian Program  
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Statewide Bicycle/Pedestrian Program  
Planner  
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<http://www.txdot.gov/inside-txdot/division/public-transportation/bicycle-pedestrian.html>