



# BEST PRACTICES FOR DETAILED APPLICATIONS

2019 TA/SRTS Program

# Criteria Evaluation Categories (*Program Guide Table 3*)

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Safety

---

Connectivity & Accessibility

---

Quality of Life

---

Economic Development

---

Encouragement

---

Community Support

---

Project Readiness

---

Planning

---

# New Approach to Project Evaluation

## 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.)*

Previous Nomination Form asked the Project Sponsor to describe how the proposed project would meet evaluation criteria.

## PROJECT DETAILS

### 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 clearly identify street names, community landmarks and features, as well as the project's beginning and ending. If the project plans are 30% or more complete, **include only example sheets as attachments & Label location map, project layout map, and typical section** **Attachment A: Project Details.**

The construction plans for this project are currently:  % complete

Insert plan review link:

Primary facility type:  Secondary facility type:

Total length:  feet

Facility width:  feet

New Detailed Application will ask specific questions targeted toward specific evaluation criteria.

### 11. Identify Hazards

Check all that apply. Identify any safety hazards on the proposed project location. Label these features on Map 1. Provide additional information about countermeasures in attachment. *Label map 1 and add information as **Safety Hazards and Countermeasures- Attachment B i***

- Unsafe roadway speed
- Unsafe intersection/conflict point
- Uncontrolled intersection/crossing
- Lack of bikelped infrastructure
- High motor vehicle traffic volume
- Not ADA compliant
- Intersection with bikelped crash in last
- Other

### 12. Safety Countermeasure Infrastructure Elements

- Check all that apply. Clearly identify these features on Map 1. **New bikelped infrastructure...**
- closes a gap in bicycle or pedestrian network  has vertical separation
  - features new traffic signalization  addresses railroad/highway/water crossing
  - features traffic calming elements  creates over/underpass
  - separates bicycles &/or pedestrians from motor vehicle traffic  creates new off-street infrastructure
  - features traffic markings/signage

# Detailed Application: Sample Questions

## 11. Identified safety hazards

Check all of the safety hazards located within the project limits. In the blank next to each checked safety hazard, state the proposed countermeasure to address the hazard identified. Clearly identify these features on Map 1. Provide additional information about countermeasures in attachment. *Label map 1 and additional information as **Safety Hazards and Countermeasures- Attachment 5**.*

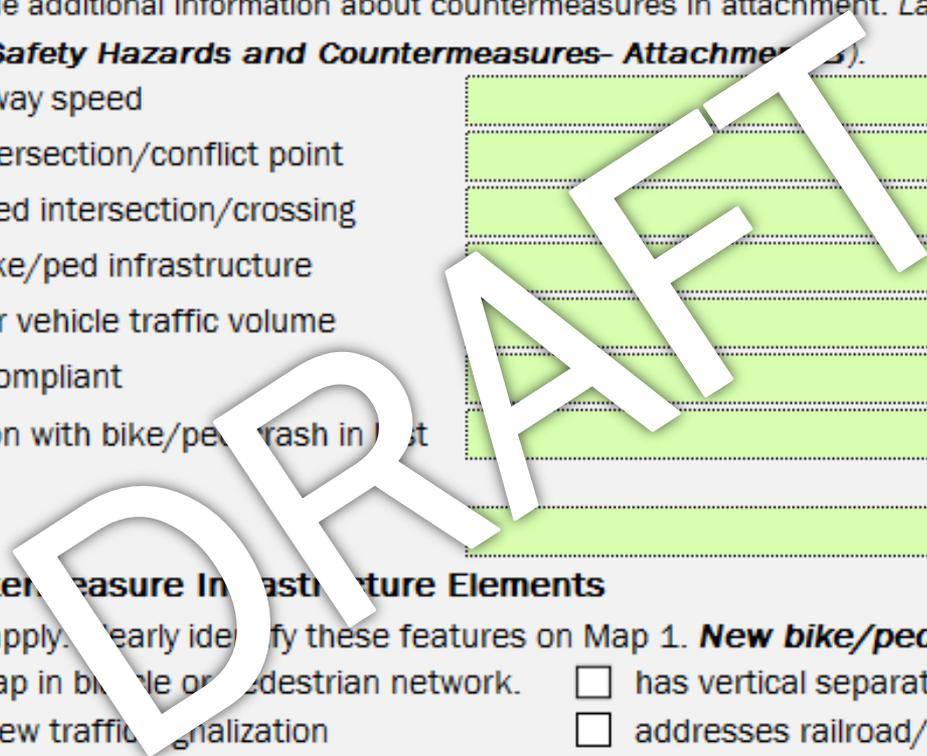
- High roadway speed
- Unsafe intersection/conflict point
- Uncontrolled intersection/crossing
- Lack of bike/ped infrastructure
- High motor vehicle traffic volume
- Not ADA compliant
- Intersection with bike/ped crash in last 5 years
- Other

Form area for countermeasures, consisting of seven horizontal rows with dotted lines for text entry.

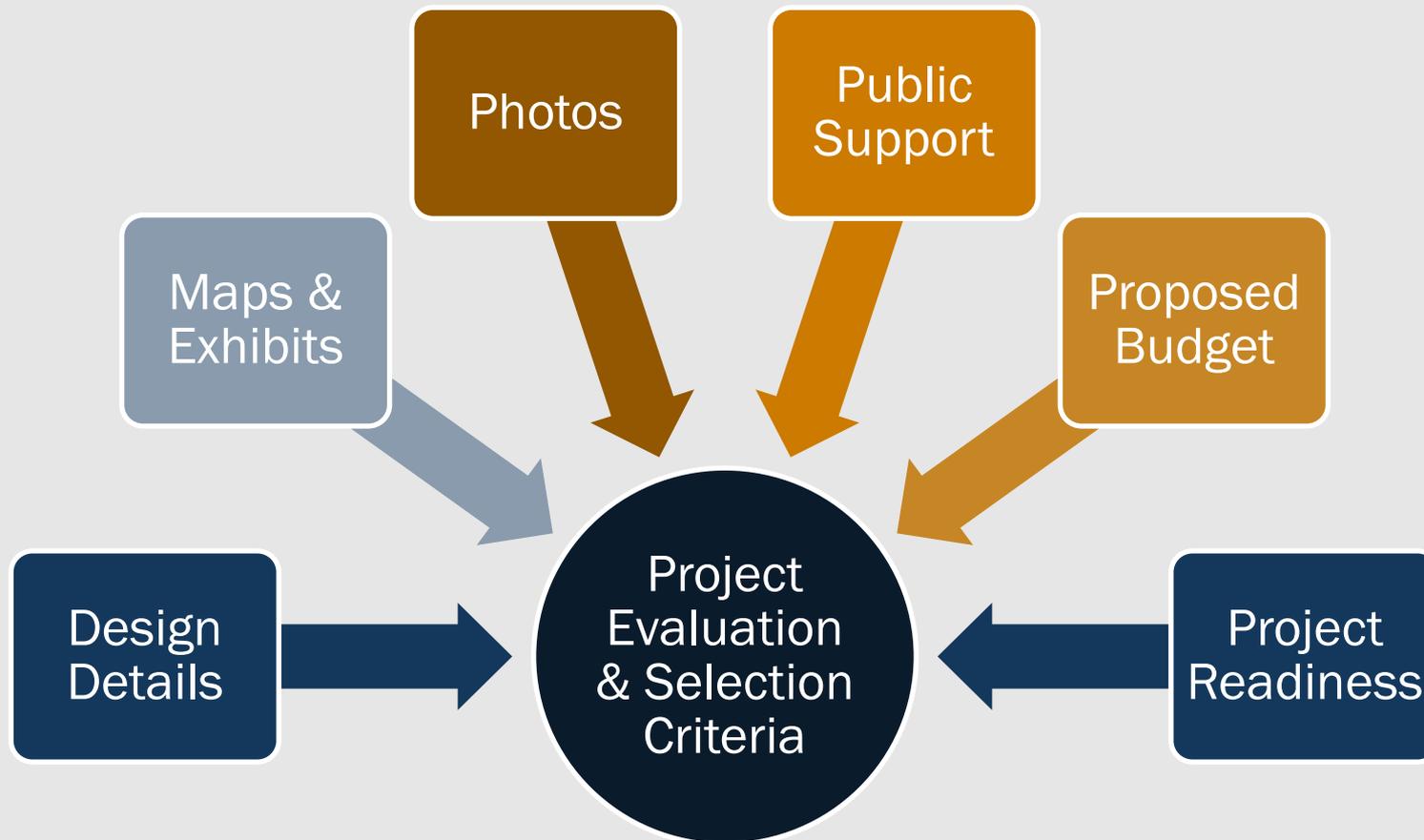
## 12. Safety Countermeasure Infrastructure Elements

Check all that apply. Clearly identify these features on Map 1. **New bike/ped infrastructure...**

- closes a gap in bicycle or pedestrian network.
- features new traffic signalization
- features traffic calming elements
- separates bicycles &/or pedestrians from motor vehicle traffic
- has vertical separation
- addresses railroad/highway/water crossing
- creates over/underpass
- creates new off-street infrastructure
- features traffic markings/signage



# Focus of this presentation



## What do design details convey?

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

## How does the project sponsor address design details?

- Project Description (3-4 sentence project description)
- Project Details (drop-downs & fill-ins about project design)
- Project typical section, layout, location map (attachments)
- Itemized Construction Cost Estimate – discussed later

## 3-4 sentence written description, which includes:

- Facility type (ie. shared use path)
- Project location (ie. along to FM 345)
- Limits (ie. from Main Street to Birch Street)
- Width (ie. 10-foot-wide)
- Major construction items (e.g., pedestrian bridge) or elements that affect motor vehicle traffic patterns (ie. new medians, new signals, traffic calming elements, road diets, etc.)

**Written project descriptions must “fit” in space provided. Ensure all words are visible.**

## Sample project descriptions

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“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 (clear width) pre-fabricated **bicycle/pedestrian bridge** over Dillon Creek.”

---

“The proposed project would construct **new 6-foot-wide, 6-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 project includes **curb extensions** at Yates, Bend, and Main Streets and a raised **median** with pedestrian refuge at Main St.”

# Project Location Information and Project Details

## Project Information

- Project Dimensions
  - Total length
  - Facility width
  - Material depth
- Project Location
  - Google map link
  - Written description
  - Latitude/Longitude

## Project Details

- 30% or more plans for review (if available)
- Primary (and Secondary) Facility type
- Surface type/material
- Lighting included?
- Bridge details
  - Construction
  - Number
  - Length
  - Width
  - Superstructure material

# Designs must comply with TxDOT manuals and specifications

Roadway Design Manual



Revised April 2018

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(512) 463-6330 all rights reserved

Bridge Design Manual - LRFD



Revised October 2015

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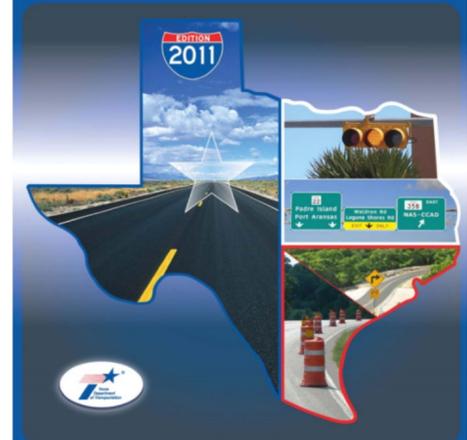


Standard  
Specifications  
for Construction  
and Maintenance of  
Highways, Streets,  
and Bridges

Adopted by the  
Texas Department of Transportation  
November 1, 2014

Texas MUTCD

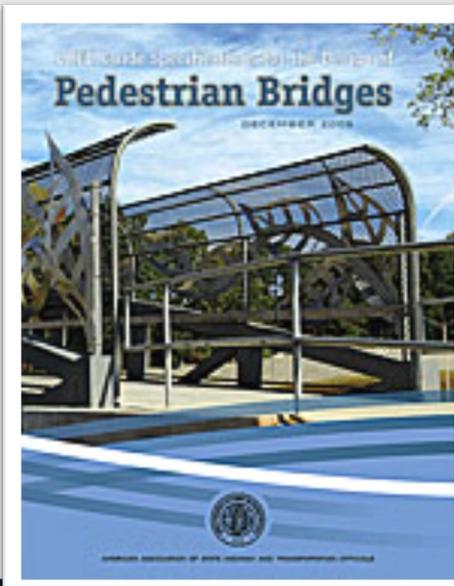
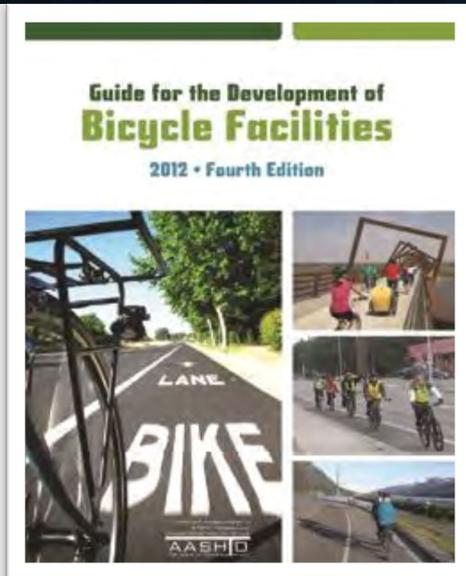
Manual on Uniform Traffic Control Devices  
Revision 2, October 2014



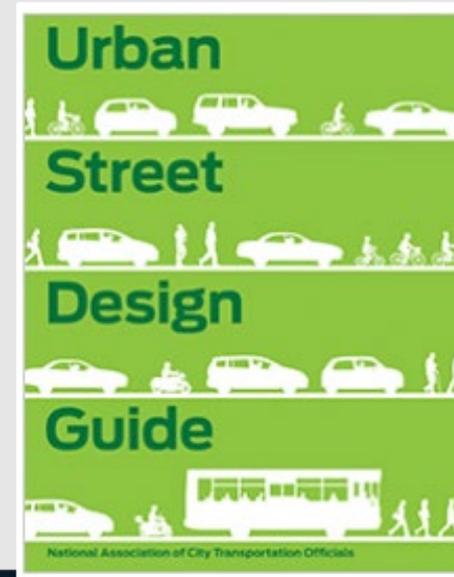
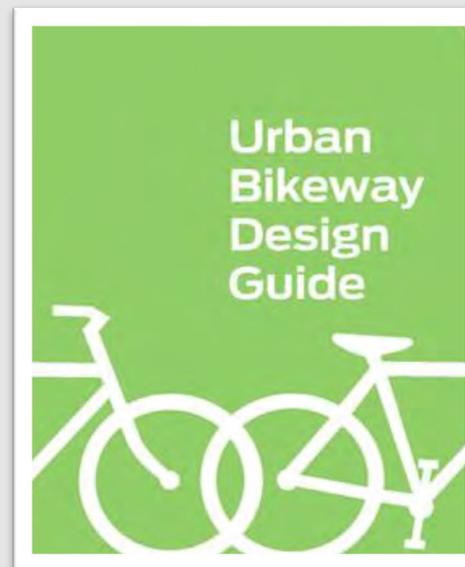
All manuals are  
web hyperlinks.

# Nationally recognized design guides

AASHTO  
(adopted  
by TxDOT)

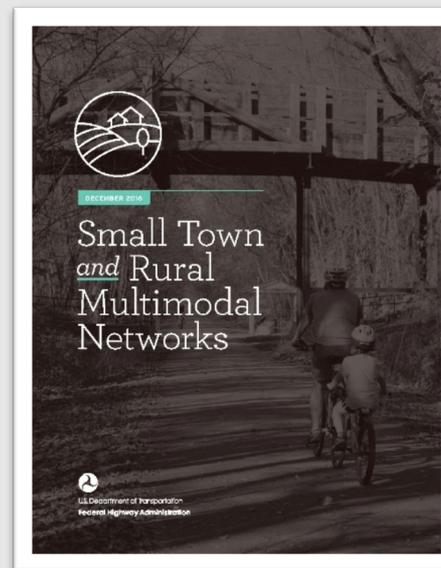
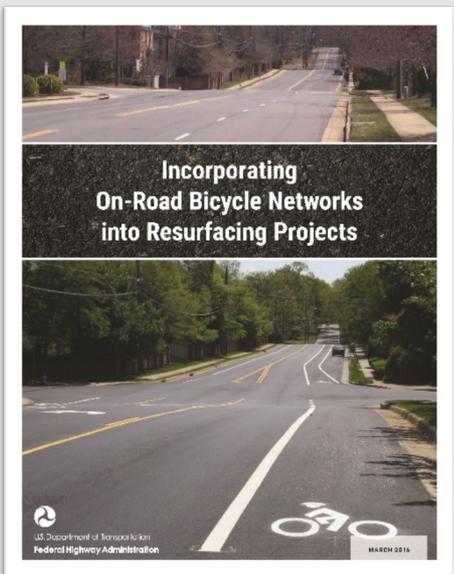
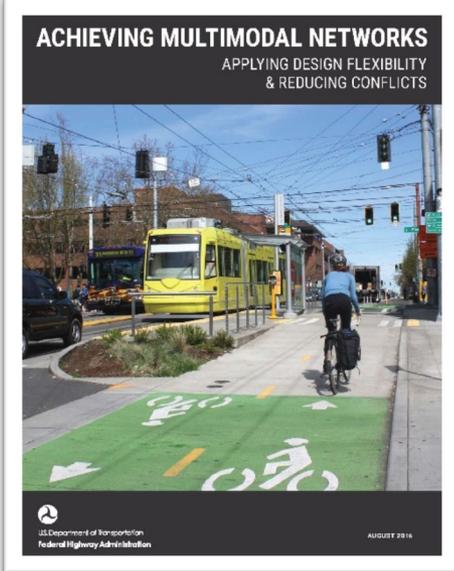


All manuals are  
web hyperlinks.



NACTO  
(optional)

# Recent FHWA bikeway design guidance



All manuals are web hyperlinks.

# Design criteria – Americans with Disabilities Act (ADA)



**UNITED STATES ACCESS BOARD**

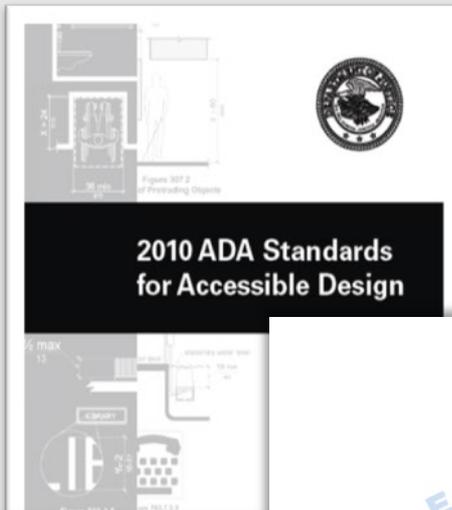
*Advancing Full Access and Inclusion for All*

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

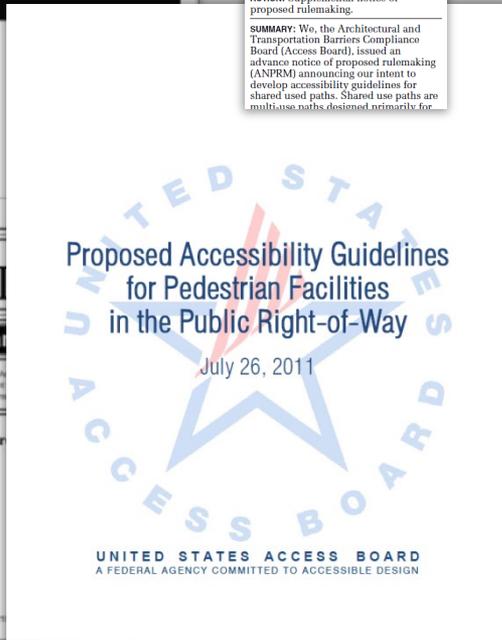
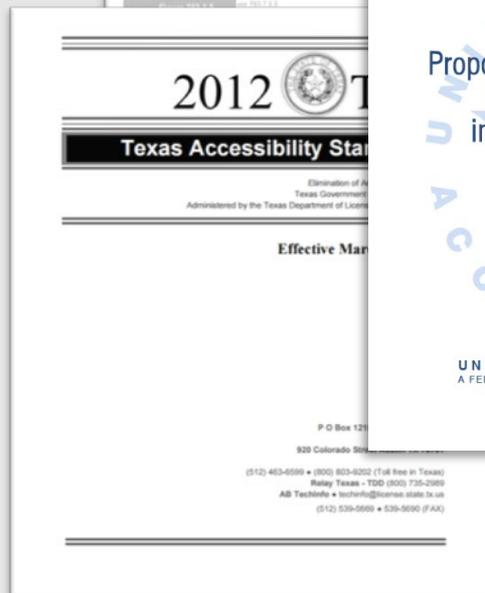
“The proposed guidelines apply to pedestrian facilities in the public right-of-way. The proposed guidelines define the public right-of-way to mean "public land or property, usually in interconnected corridors, that is acquired for or dedicated to transportation purposes"....”

- Sidewalks
- Shared use paths
- Pedestrian crossings
- Pedestrian signals

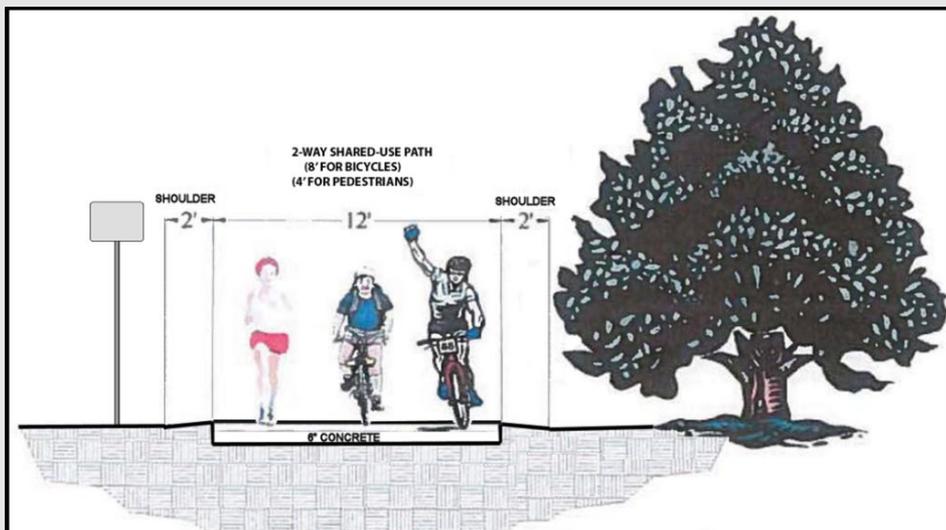
<https://www.access-board.gov/guidelines-and-standards/streets-sidewalks>



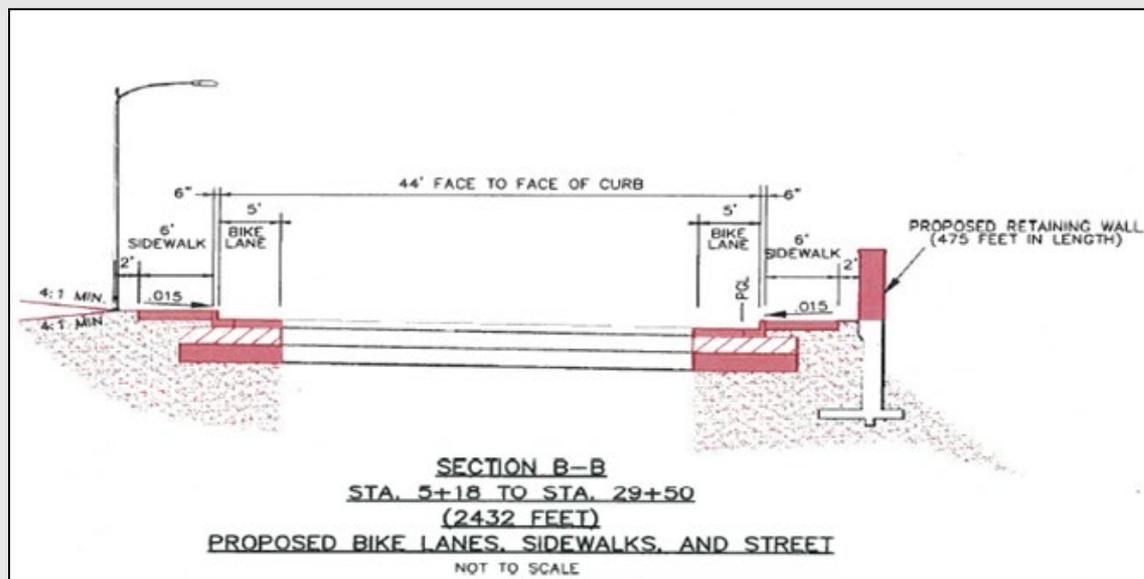
ARCHITECTURAL AND  
TRANSPORTATION BARRIERS  
COMPLIANCE BOARD  
36 CFR Part 1190  
[Docket No. ATBCB-2013-0002]  
RIN 3014-AA25  
Accessibility Guidelines for Pedestrian  
Facilities in the Public Right-of-Way:  
Shared Use Paths  
AGENCY: Architectural and  
Transportation Barriers Compliance  
Board.  
ACTION: Supplemental notice of  
proposed rulemaking.  
SUMMARY: We, the Architectural and  
Transportation Barriers Compliance  
Board (Access Board), issued an  
advance notice of proposed rulemaking  
(ANPRM) announcing our intent to  
develop accessibility guidelines for  
shared use paths. Shared use paths are  
multi-use paths designed primarily for



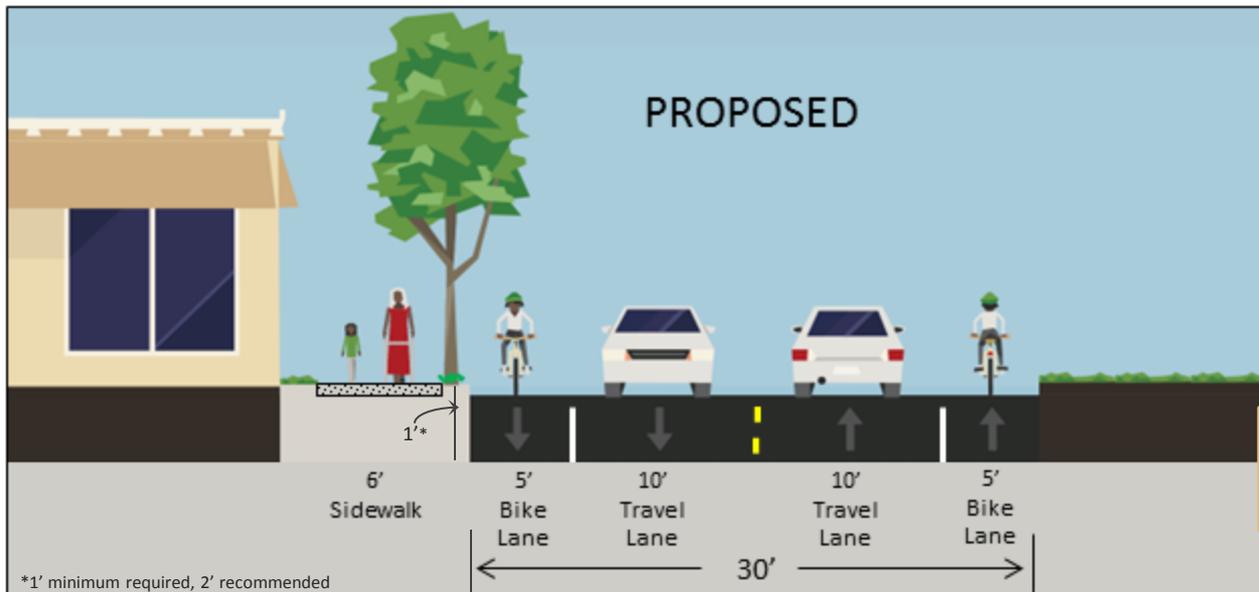
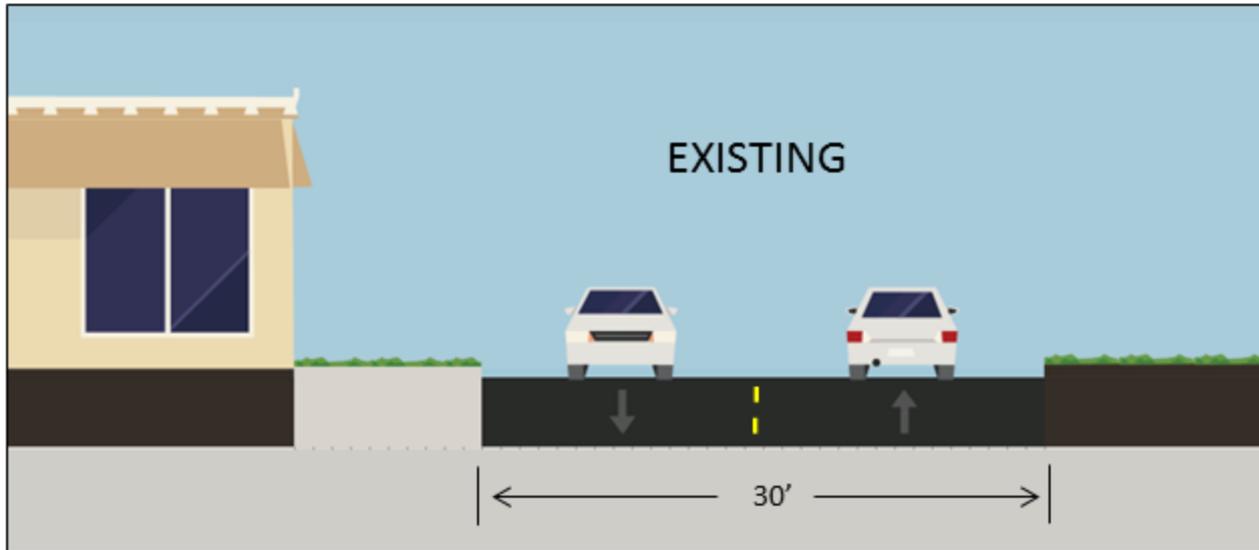
# Typical sections (DA attachments)



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



# Typical sections (*attachments*)



Free online tool:  
[streetmix.net](http://streetmix.net)

## What do maps convey?

Need and purpose

Context

Connectivity

Accessibility

Safety

Communities/areas served

## What should be included?

Project limits and location

Schools, transit, major destinations

Important community landmarks and features

Identified safety hazards

Proposed countermeasures

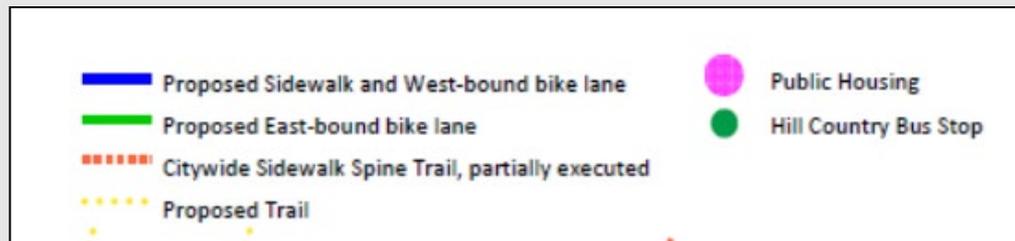
Elements of project complexity (ROW, Utilities, RR x-ing, etc.)

Existing and/or planned pedestrian/bicycle routes

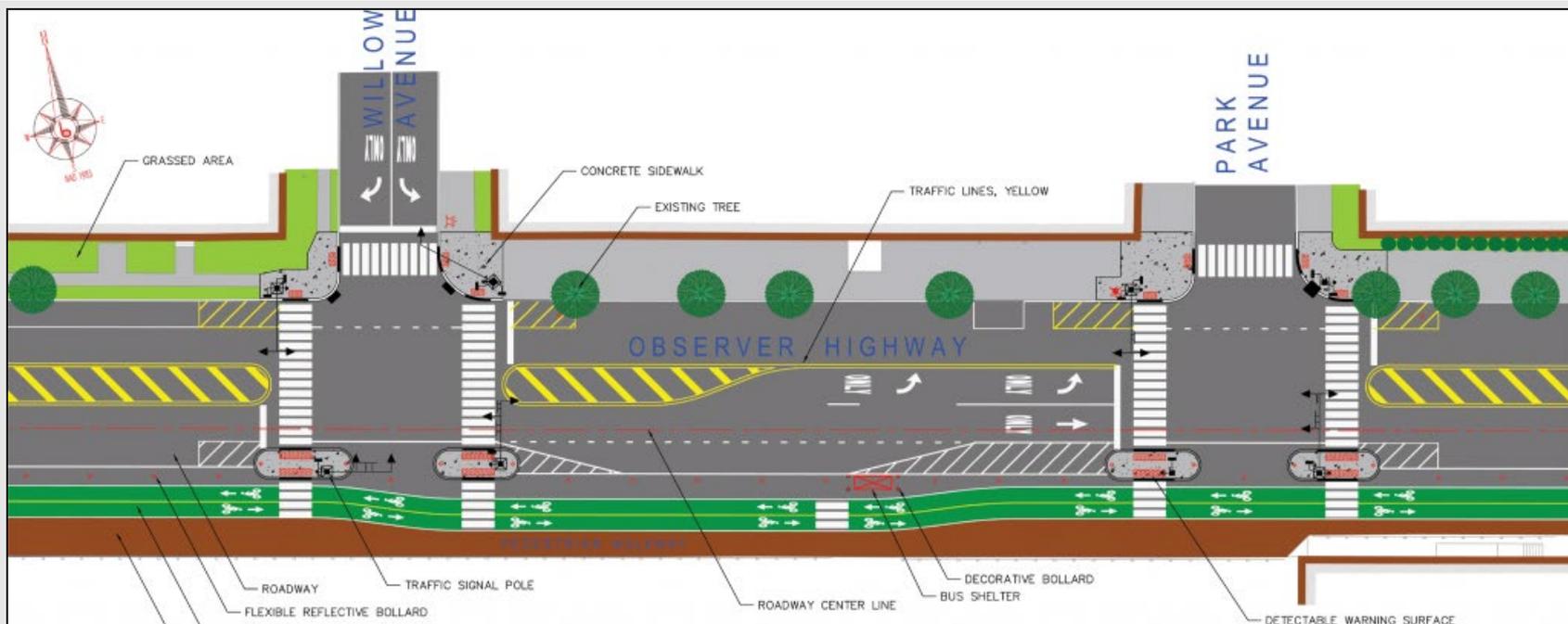
# Project location map - REQUIRED

Identifies:

- Street names
- Transit stops
- Existing bike/ped network
- Parks
- Public housing
- Government facilities
- Retail establishments
- Identified safety concerns
- Location of proposed improvements



# Project layout - REQUIRED

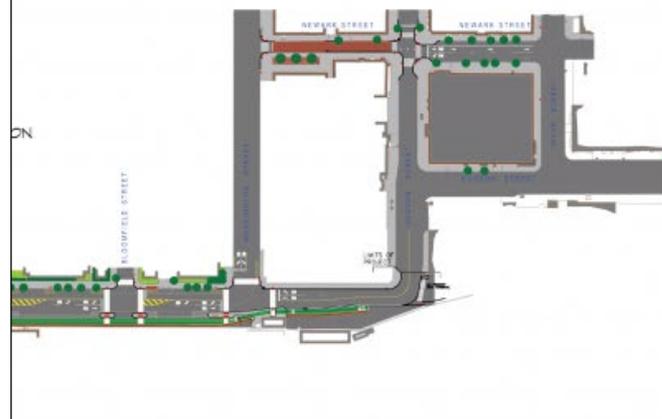


## Identifies:

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

## Includes:

- Scale
- Context
- Street names







# Maps can be made easily!

- Google Earth, Google maps, Powerpoint, and other FREE online map creation software



What do  
photographs  
convey?

Context, including built and natural environment

Existing conditions

Need for project

Safety hazards

Accessibility issues

Environmental considerations

# 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



# Photographs identify locations of unsafe conditions



Safety hazards identified

- Kids walking in streets
- Unsignalized crossings



# Photography: *Best Practices*



- Group well-labeled photographs together for attachments (ie. using Word, PowerPoint, or Publisher)
- Photograph labels should identify: location, direction of photograph, date taken, and items of note.

# Public and stakeholder support

## What does public/stakeholder support convey?

- Community awareness and interest in the project
- Partnerships and coordination
- Transparency
- Consistency with local planning

## How is public and stakeholder support documented?

- Local bicycle, pedestrian, safe routes to school, or other transportation plan (attach relevant pages)
- Public outreach documentation
- Local match commitment (**Project Sponsor resolution**)
- Collaborative implementation
- Property ownership and acquisition information
- Letter of support from education stakeholders
- TxDOT District letter of concurrence



# 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 type/location shown in local/regional plan



## 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

- Capital and maintenance costs for bicycle racks and lockers, locker rooms

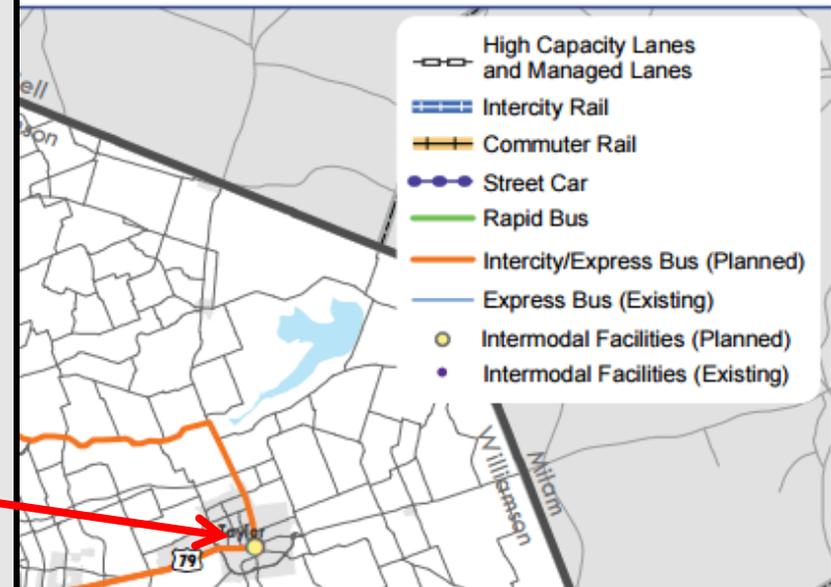
Short-term:  
1 to 5 years (includes planning, engineering, and construction)

Project listed in regional transit plan

## Map 5: 2035 Regional Public Transportation System

CAMPO Region

May 24, 2010



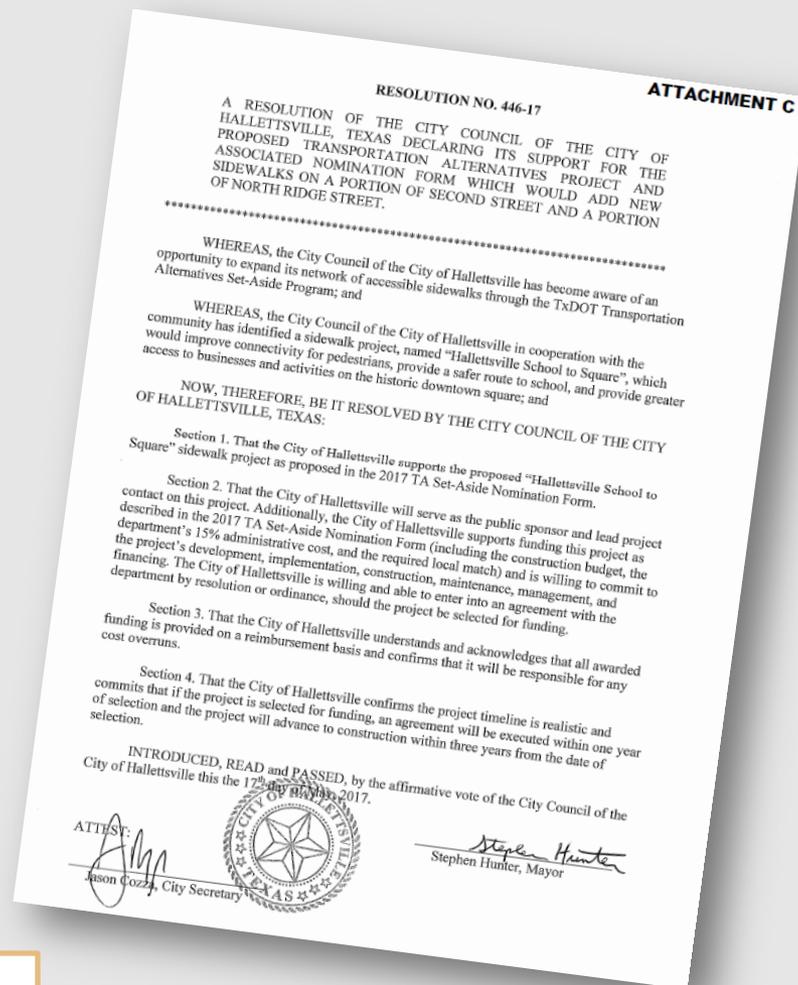
# Local Support: *Best Practice* - Public involvement summary

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)

# Project Sponsor Resolution

- All Detailed Applications must include a resolution from the governing board
  - Declaring support for the project
  - Committing to develop, implement, construct, maintain, manage, and finance the project
  - Committing to provide the local match (if any)
  - Committing to enter into an Advance Funding Agreement with TxDOT if selected for funding



Plan ahead!

# TxDOT letter of consent for projects on/along TxDOT roads



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*

# Supporting Activities to Improve Project Success

Performance  
Measurement

Student transportation tally

Parent survey

Bicycle/pedestrian counts

Encouragement  
Programs

Walking school bus/Bike train

Walk/Bike to School/Work Days

Walk to School Wednesdays

Safety  
education

Bike rodeo

These complementary activities are self-funded.



# Average low bid unit prices



TEXAS DEPARTMENT OF TRANSPORTATION

## 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		Usage
			Quantity	Avg Bid	Quantity	Avg Bid	
100 2001	PREPARING ROW	AC			19.880	50,000.00000	1
100 2002	PREPARING ROW	STA			1,178.540	14,098.43875	6
100 2004	PREPARING ROW(TREE)(12" TO 24" DIA)	EA			46.000	1,000.00000	1
100 2009	PREPARING ROW (TREE) (6" TO 24" DIA)	EA			90.000	765.00000	2
100 2010	PREPARING ROW (TREE)(10" TO 48" DIA)	EA			45.000	1,200.00000	1
100 6001	PREPARING ROW	AC			143.697	6,958.12731	21
100 6002	PREPARING ROW	STA	1,573.380	5,183.53550	34,457.240	2,092.48464	244
100 6003	PREPARING ROW(TREE)(5" TO 12" DIA)	EA	2.000	965.40000	139.000	393.38705	8



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

<http://www.txdot.gov/business/letting-bids/average-low-bid-unit-prices.html>

# Budget considerations



Small quantities may have higher unit costs

Inflation to year of construction

Quality construction (e.g., 6-in concrete reinforced with rebar)

Adequate dimensions (6-ft sidewalks, 12-ft shared use paths)

# Budget items to remember

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Mobilization

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Site preparation

---

Erosion control/revegetation

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Lighting

---

Curb/driveway work

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Traffic control

---

Demolition

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Remediation of hazardous conditions

**Remember: Federal TA/SRTS funds are fixed based on the estimate in the Detailed Application!**

# 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 (TA only)
- ROW activities
- Legal services

# Proposed safety countermeasures included in Itemized Budget

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 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 Adjustments (sanitary sewer manholes)	1	LS	\$4,800	\$4,800
Storm Sewer (fill existing ditch)	2,000	LF	\$90	\$180,000
Retaining Wall <4 ft tall (west side near V.M)	1	LS	\$65,000	\$65,000
Concrete Curb and Gutter	2,200	LF	\$24	\$52,800

## What does project readiness convey?

- TA projects must let for construction within 3 years! Readiness is important.
- Awareness of potential pitfalls, challenges, and delays
- Consideration of all phases of project development
- Understanding of TxDOT's project development processes

## How does the project sponsor demonstrate project readiness?

- Project Details
- MPO TIP Inclusion Letter (as attachment)
- Environmental Documentation, if available (as attachment)
- Property Ownership and Acquisition Information, if necess. (as attachment)
- Railroad Support/Right-of-Entry , if necessary (as attachment)
- Project Timeline (fill-in and as attachment)
- Itemized Construction Cost Estimate (fill-in)

# Advanced coordination may be necessary

Railroad agreements

Resource agency coordination

Environmental permits

ROW acquisitions

Utility relocations

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.

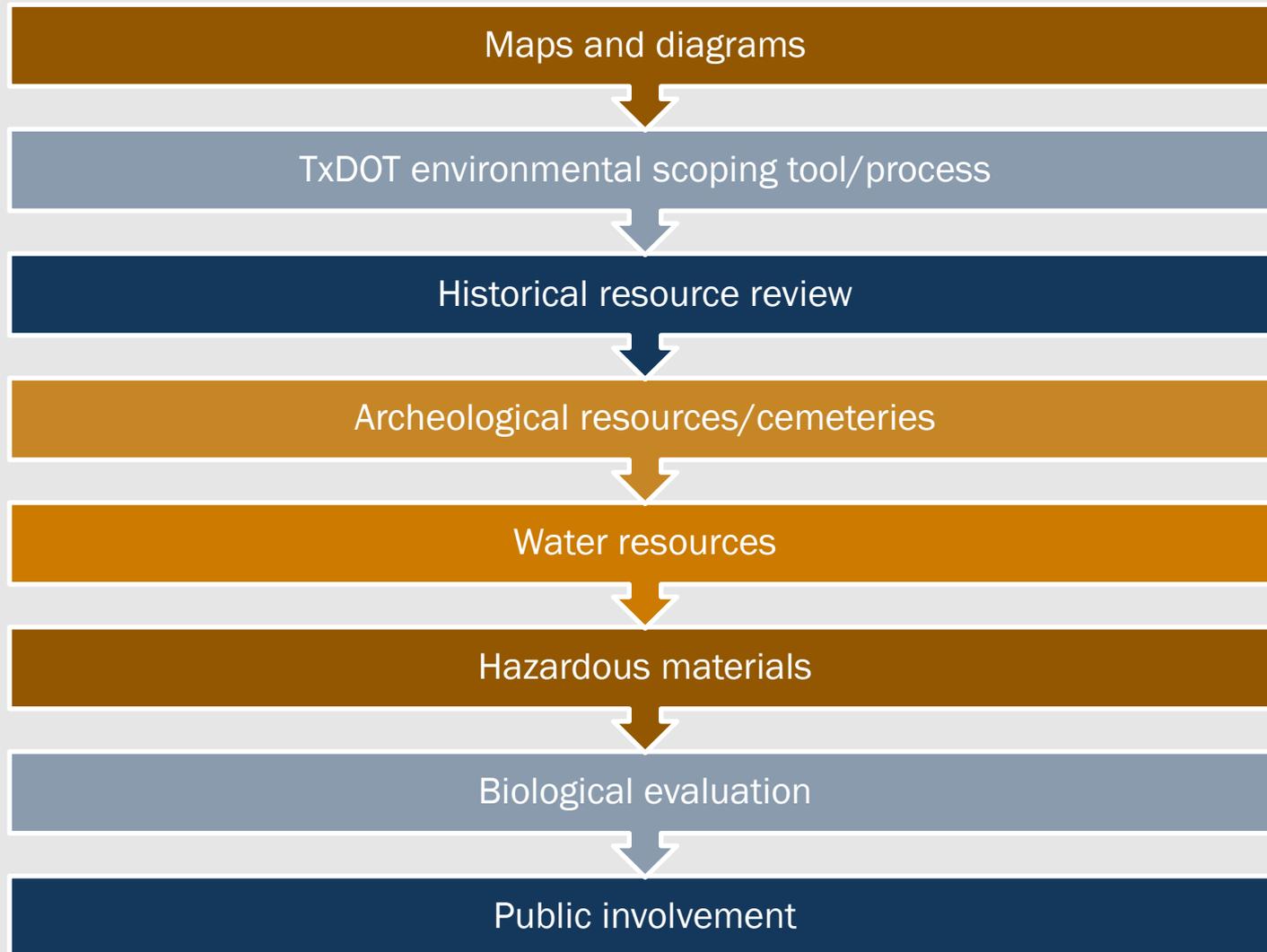
Project two is a continuation of the Nolan Creek Hike and Bike Trail, known as Phase II. The City has requested conveyance of 2.47 acres. The property has no improvements currently and a majority of the property is located within the flood plain. The value of the conveyance is \$42,000.00.

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)

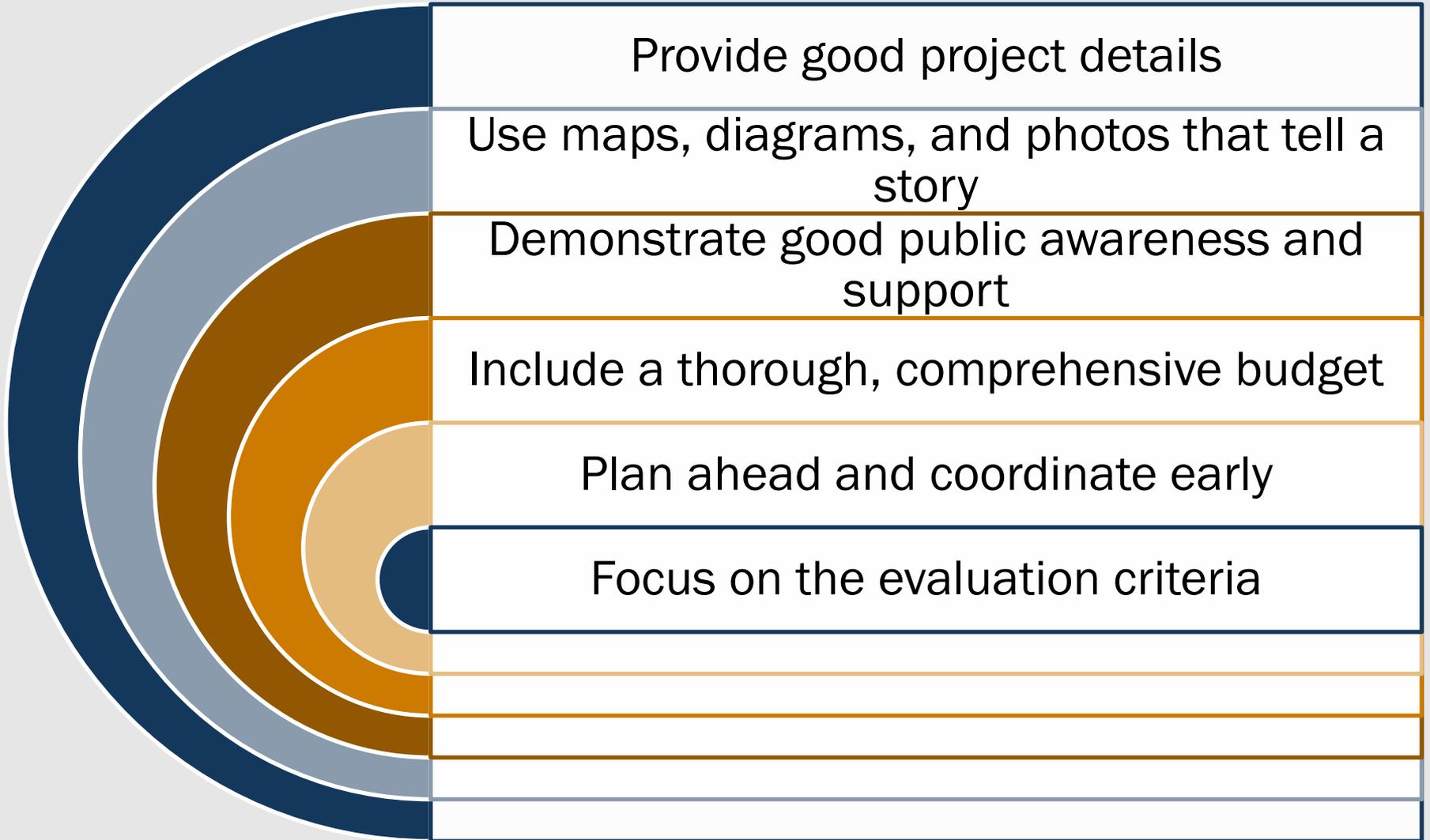
THC coordination occurs prior to environmental approval

Historical properties can affect design – and cost

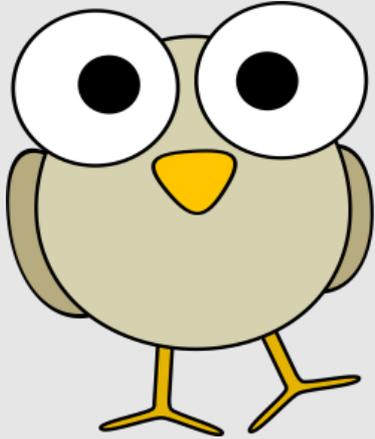
Use TxDOT pre-certified professionals

Contact your district environmental coordinator to learn more!

# Summary



# Questions?



Bonnie Sherman  
TxDOT – Public Transportation Division  
Bicycle/Pedestrian Program Manager  
TA Set-Aside Program Manager  
(512) 486-5972

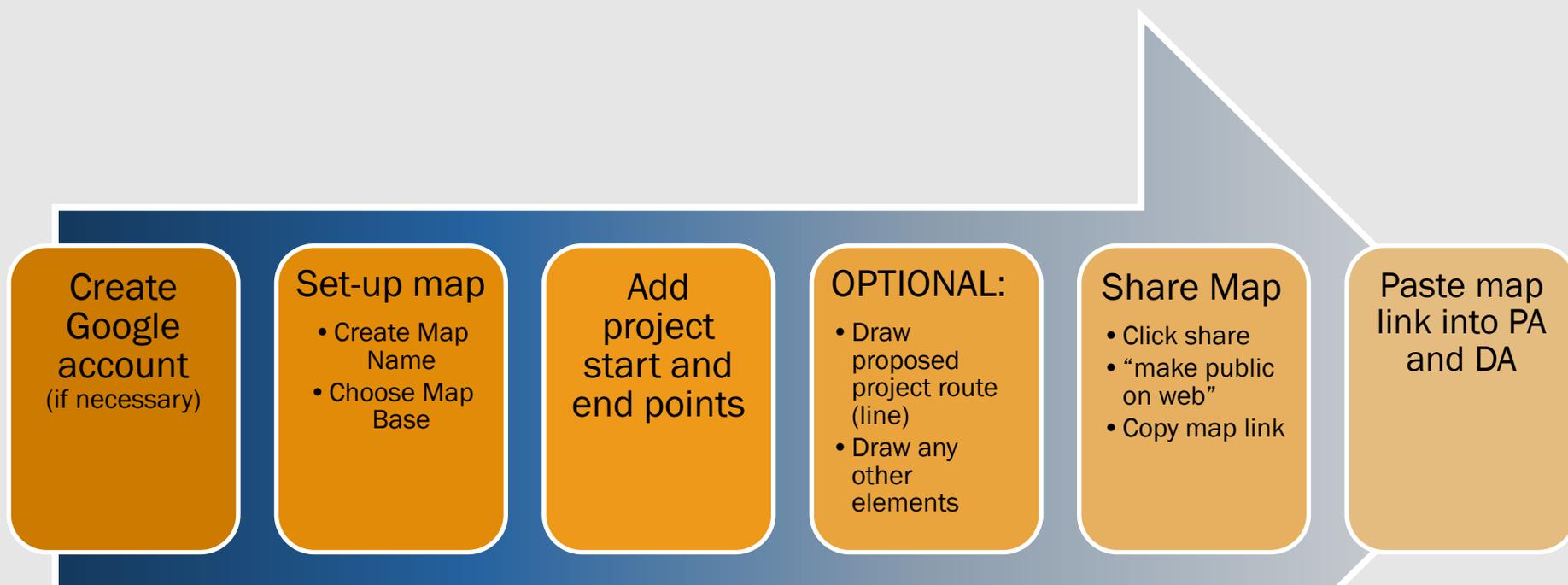
Noah Heath  
TxDOT – Public Transportation Division  
Bicycle/Pedestrian Program Planner  
(512) 486-5973

Carl Seifert  
Jacobs Engineering  
Transportation Planner  
(512) 486-5974

<http://www.txdot.gov/inside-txdot/division/public-transportation/bicycle-pedestrian.html>

# Online map requirement

- Need: Exact project locations.
- Solution: Create digital map, which TxDOT can import easily.



*Instructions for creating simple Google map*

# Online map requirement walk-through (slide 1)

- Create map name

- Click “Untitled Map” and type preferred name in the pop-up.
- Name should include Project sponsor and name (e.g. *SanAngelo\_GreenSt\_SUP*)

Edit map title and description

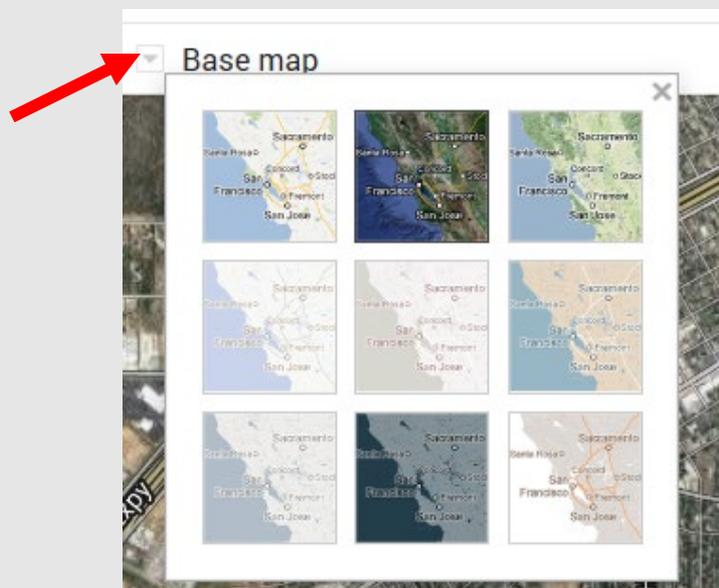
Map title  
SanAngelo\_GreenSt\_SUP

Description  
This is a simple map showing the proposed location of a shared use path along Green St in San Angelo.

Save Cancel

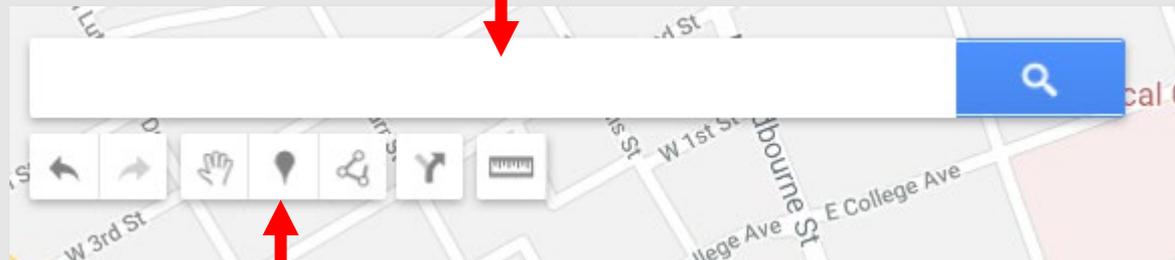
- Select base map

- Click triangle next to “Base map” on left side and select a background

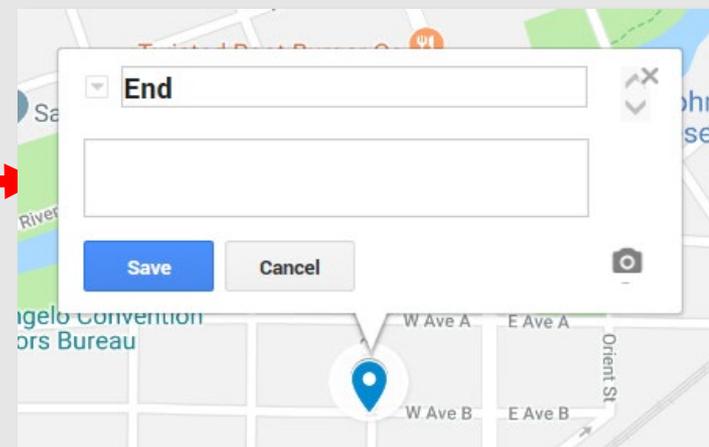


# Online map requirement walk-through (slide 2)

- Navigate to your project area
  - Click in search area
  - Type location name or street name

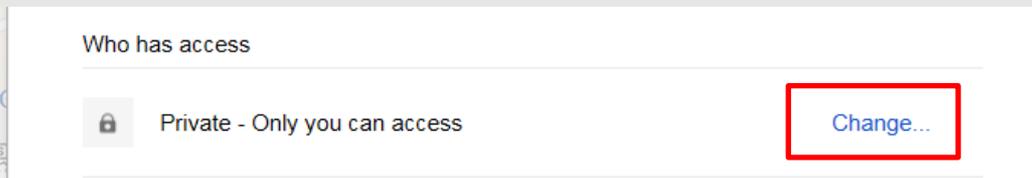
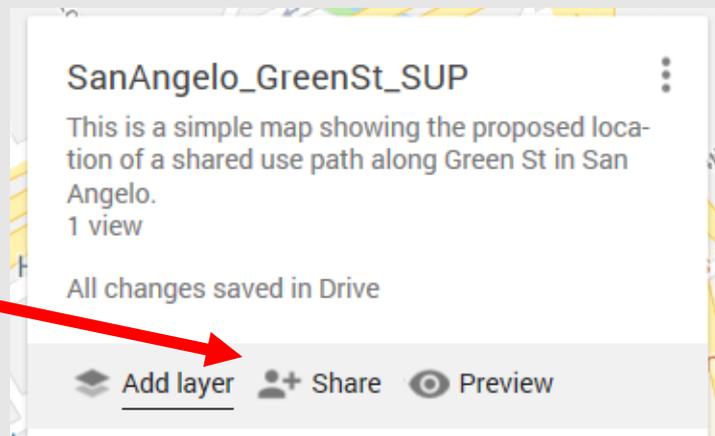


- Add starting and ending points
  - Click “Add marker”
  - Place markers on the map
  - Label markers “Start” and “End”
  - Click save



# Online map requirement walk-through (slide 3)

- Share map
  - Click “Share”



- Click Change
  - Select “On – Public on the web”
  - Click save.
  - Copy “Link to share” and paste into PA and eventually DA

