Texas Department of Transportation

WELCOME

State Highway 29

OPEN HOUSE

From Southwestern Boulevard to State Highway 95

September 1, 2015

6 p.m. to 8 p.m.

East View High School Cafeteria

Purpose and Need

Purpose:

- To upgrade the existing roadway to meet current design standards and potentially provide a new location alignment between SH 130 and SH 95

Need:

The proposed project is needed in order to:

- Accommodate existing and projected traffic volumes
- Improve safety
- Address roadway flooding
  - Portions of SH 29 are located within the 100-year floodplain and occasionally overtopped by flood waters

SH 29 Improvement Study

TxDOT Project Development Process

PHASE 1
Conceptual planning for corridor

PHASE 2
Implementation plan for corridor

PHASE 3 *
Environmental/design studies

PHASE 4 *
Construction plans, right-of-way and utilities coordination

PHASE 5 *
Letting and construction

*As funding is identified

State Highway 29 Improvement Study

Spring 2015 | Summer 2015 | Fall 2015 | Winter 2015/2016 | Spring 2016 | Summer 2016 | Fall 2016

Timeline

1. IDENTIFY
Engage stakeholders in identifying problems and defining goals for improvements

2. EVALUATE
Evaluate potential solutions

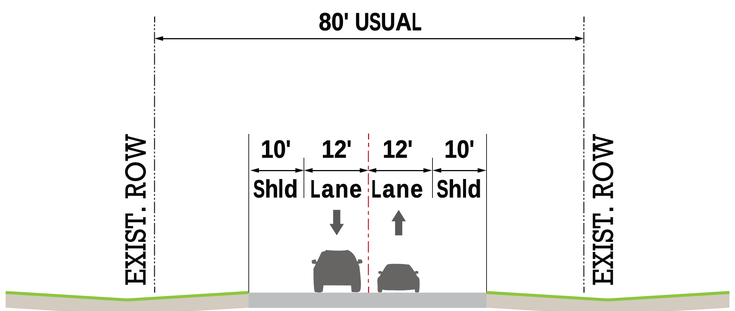
3. REFINE
Refine potential solutions, disseminate them to stakeholders, and solicit feedback

4. PRESENT
Present study results and identify next steps

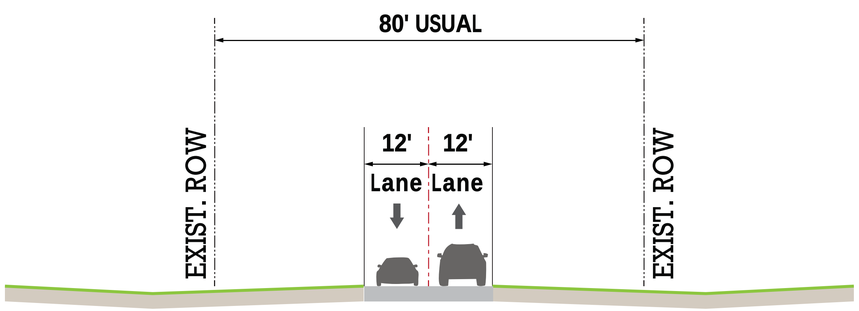
STAKEHOLDER ENGAGEMENT

SH 29 Corridor Study

Existing Typical Cross Sections

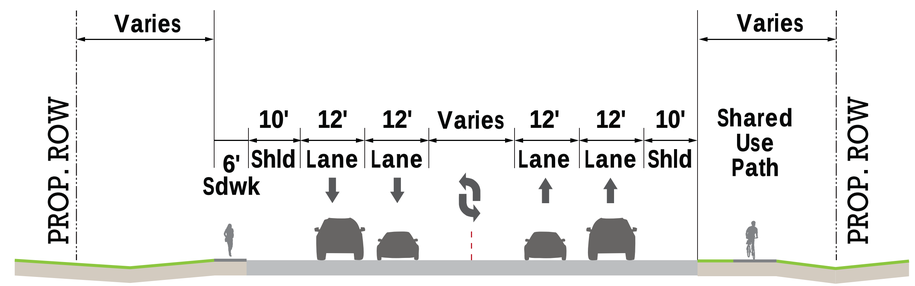


Southwestern Blvd. to CR 126

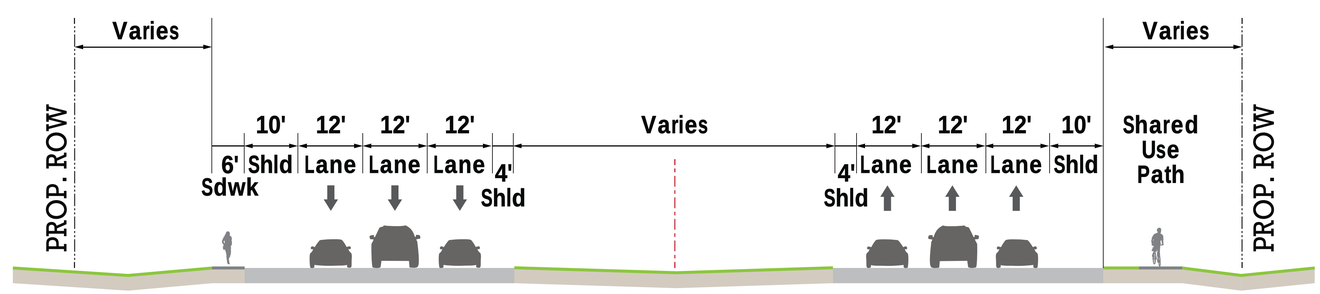


CR 126 to SH 95

Potential Future Cross Sections

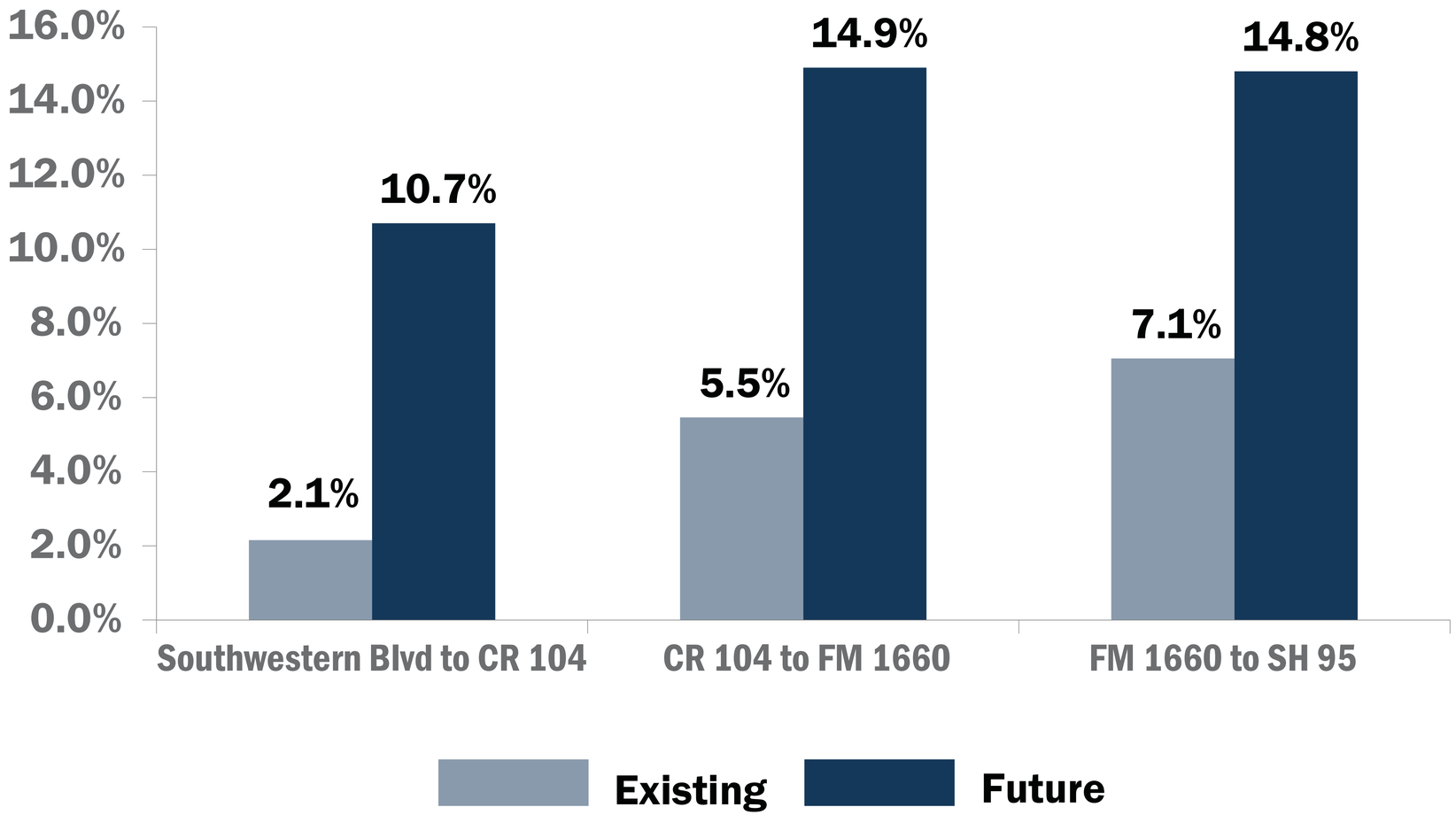


Southwestern Blvd. to SH 130

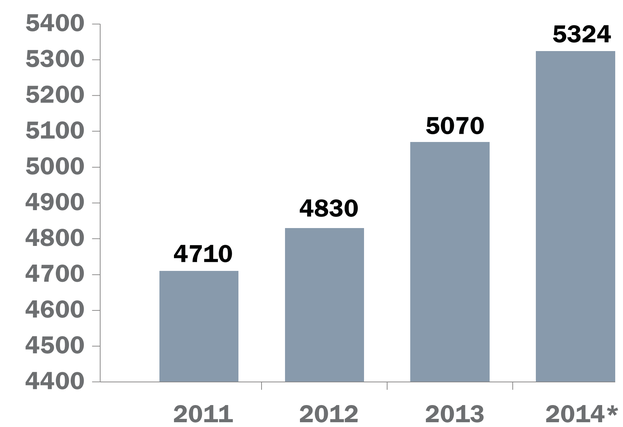


SH 130 to SH 95

Forecasted Truck Percentage on Corridor



Corridor Average Daily Traffic



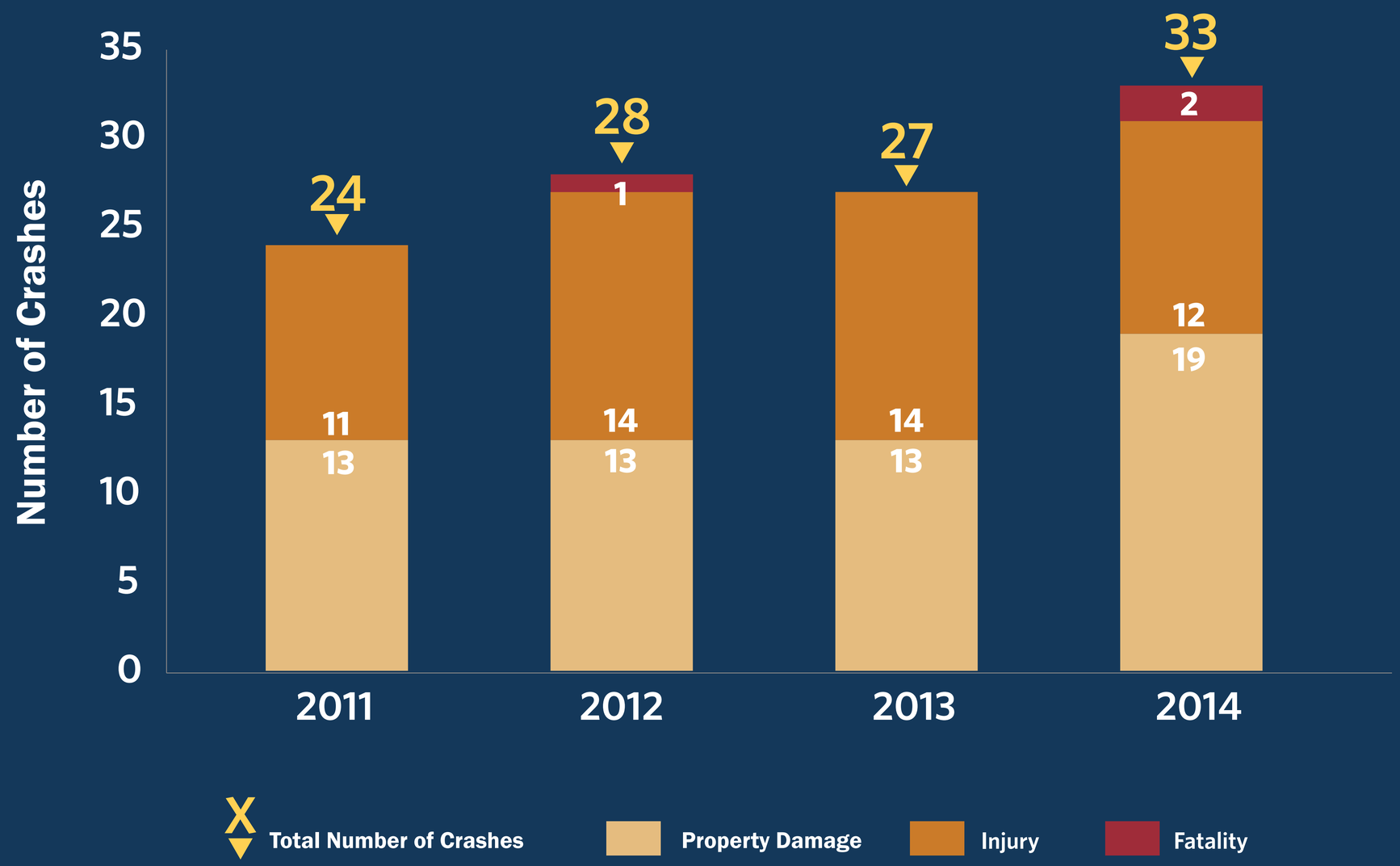
Average growth rate of 4% per year.

Source:TxDOT
* Estimate

Source:
Existing truck percentage: 2015 peak period turning movement counts
Future truck percentage: TxDOT Statewide Planning Map

SH 29 Corridor Study

Crash History and Severity



Average Daily Traffic (ADT)

Location	2015*	2045**	Annual Growth
Southwest Blvd. to SH 130	13,900	27,100	2%
SH 130 to FM 1660	8,000	25,700	4%
FM 1660 to SH 95	3,800	19,600	6%

Level of Service (LOS) by Segment

Location	Existing 2015 LOS	2045 No Build LOS
Southwest Blvd. to SH 130	C	E
SH 130 to FM 1660	D	E
FM 1660 to SH 95	C	E

Level of Service for corridor segments represent reduction in free-flow travel speeds for through vehicles.

A	B	C	D	E	F
Fast			Medium	Slow	

Source: *TxDOT; **2040 CAMPO Model with growth rate