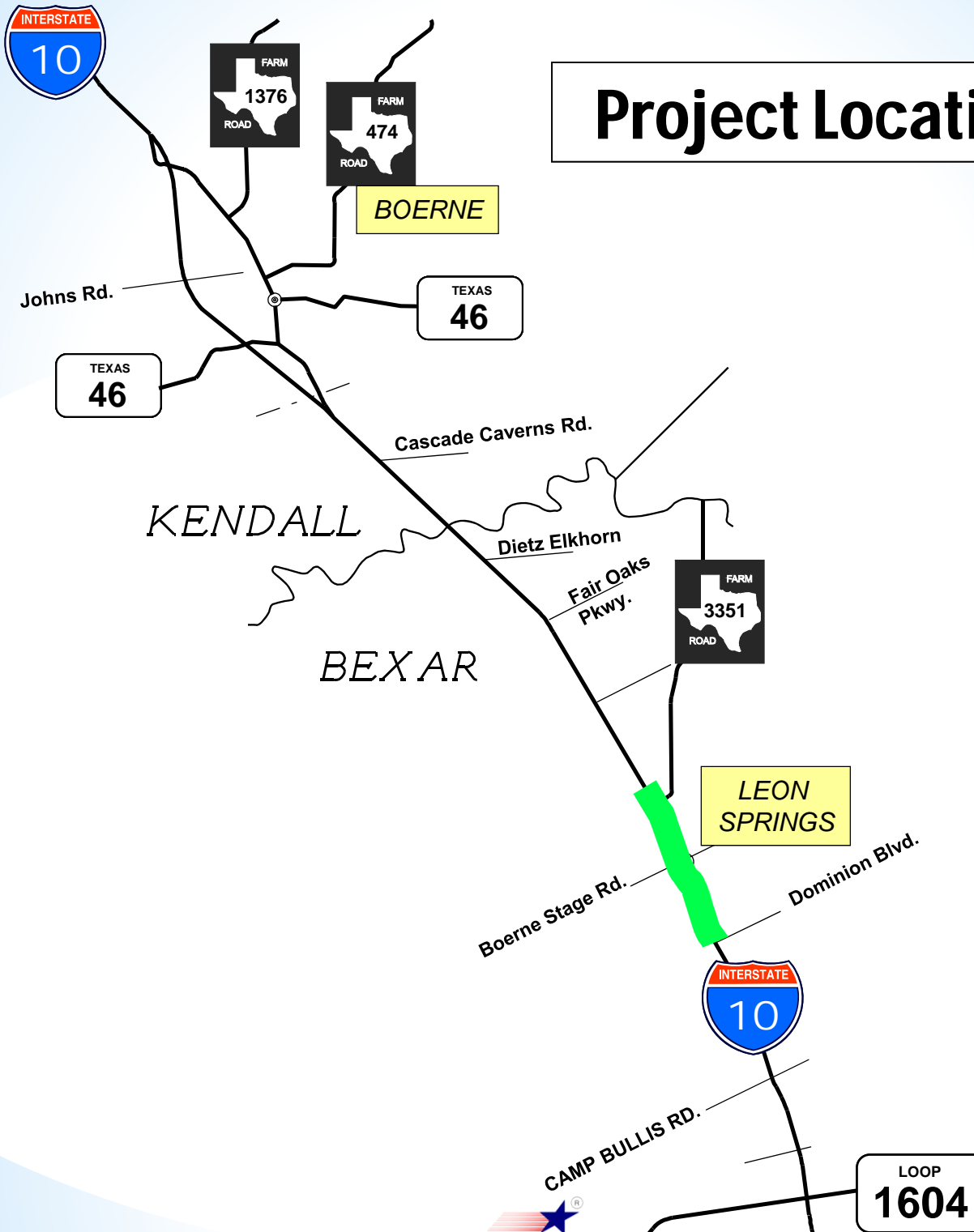


IH 10
Dominion Drive To
Ralph Fair Road (FM 3351)

June 26, 2012

Project Location Map



Operational & Safety Analysis (Preliminary Results)

Texas Transportation Institute (TTI) Operational and Safety Analysis – IH 10: From Camp Bullis to Fair Oaks Parkway

Safety - 2006 to 2011:

- 186 crashes occurred on the Frontage Roads (Camp Bullis to Fair Oaks Parkway)
- 71% of crashes occurred between Fair Oaks and Dominion where Frontage Roads are two-way operation
- Intersection Level of Service (LOS)
 - Boerne Stage Road:
 - Existing LOS E /F
 - Ralph Fair Road (FM 3351):
 - Existing LOS E/F

Operational & Safety Analysis (Preliminary Results)

- Preliminary Recommendations:
 - Convert Frontage Roads to One-Way from Dominion Drive to Ralph Fair Road (FM 3351)
 - Improve Intersections at Dominion, Boerne Stage Road, and Ralph Fair Road
 - Convert Frontage Roads from Ralph Fair Road to Fair Oaks Parkway in later phase as traffic increases

Operational & Safety Analysis (Preliminary Results)

Anticipated Benefits of Near-term Improvements:

- Delay time reduced by 36% during morning peak (232 hrs total delay to 147 hrs) and 75% in evening peak (589 hrs total delay to 149 hrs)
- 6% increase in average speed during morning peak (from 49 mph to 52 mph) and 44% during evening peak (from 36 mph to 52 mph)
- Non- “Property Damage Only” crashes expected to be reduced by 43% (Based on recent TTI research)

Operational & Safety Analysis (Preliminary Results)

- Intersection Level of Service (LOS) improvement observed at Boerne Stage Road and Ralph Fair Road
 - Boerne Stage Road:
 - Existing LOS E /F
 - Proposed LOS A/B
 - Ralph Fair Road (FM 3351):
 - Existing LOS E/F
 - Proposed LOS B/C (With FR conversion up to Ralph Fair Road)
 - Proposed LOS A/B (With FR conversion beyond Ralph Fair Road)

Operational & Safety Analysis

Intersection Improvement Alternatives Considered At IH 10 & Boerne Stage Road

Existing IH 10 @ Boerne Stage Rd.

North

Narrow Two-Way
Local Access Road

Narrow Two-Way
Local Access Road



Narrow Two-Way
Frontage Road

Boerne Stage Rd.
Two Lanes
Under IH 10

Narrow Two-Way
Frontage Road

Boerne Stage Rd.

IH 10 @ Boerne Stage Rd. (Option 1)

North

Widen & Convert to One-Way

Widen & Convert to One-Way

Widen Frontage Road & Convert to One-Way

Boerne Stage Rd.
Four Lanes Under IH 10

New Exit To
Dominion Dr..

Widen Frontage Road & Convert to One-Way



Boerne Stage Rd.

IH 10 @ Boerne Stage Rd. (Option 2)

North

Widen & Convert to One-Way

Widen & Convert to One-Way

New Frontage Road & Turn Around At Boerne Stage Rd.

Widen Frontage Road & Convert to One-Way

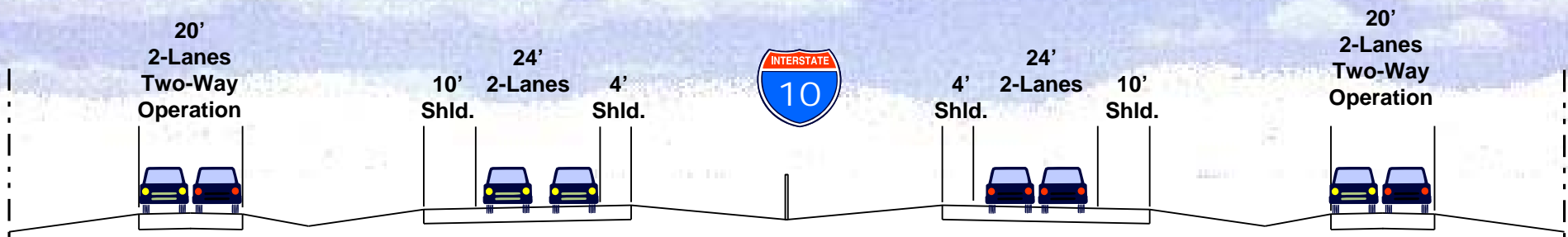
Boerne Stage Rd. Four Lanes Under IH 10

New Exit To Dominion Dr.

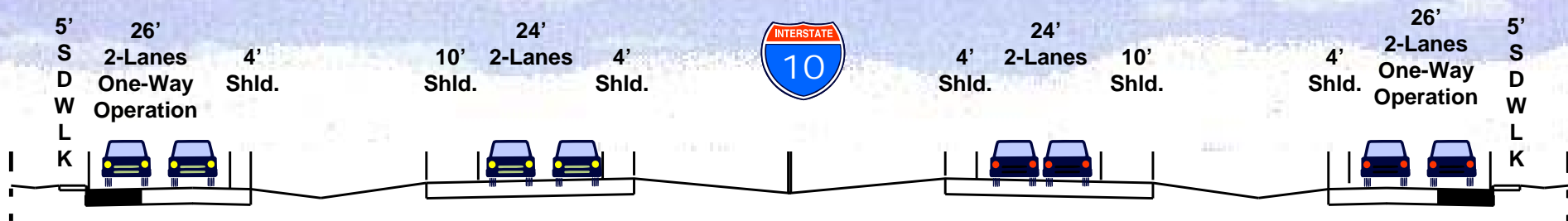
Widen Frontage Road & Convert to One-Way



Boerne Stage Rd.



Existing IH 10 Typical Section



Proposed IH 10 Typical Section

- Mainlanes remain unchanged
- Widen frontage roads (4 foot inside shoulder)
- Construct curb along outside of frontage road
- Add sidewalk along outside of frontage road

Project Phasing

- **Phase 1: Construct New Bridge and Intersection Operational Improvements at Ralph Fair Road (FM 3351)/IH 10 Frontage Roads**
 - Estimated Construction Cost - \$8.5 Million
 - Construction Letting - Summer 2013
 - Construction Duration - Approximately 18 months
- **Phase 2: Widen and Convert Frontage Roads to One-Way (From Dominion Drive to Ralph Fair Road), Construct Operational Improvements at Boerne Stage Road & Reconfigure Ramps**
 - Estimated Construction Cost - \$19.5 Million
 - Projected Construction Letting - Fall 2014
 - Construction Duration - Approximately 18 months

We Want Your Feedback

Options for commenting:

- Give comment card to TxDOT staff tonight
- Submit verbal comments to the court reporter tonight
- E-mail comment to Jesse.Hayes@txdot.gov
- Mail comment to:

Texas Department of Transportation

Attn: Jesse Hayes

P.O. Box 29928

San Antonio, TX 78229-0928

DEADLINE FOR COMMENTS IS JULY 6, 2012.



Thank You