



Welcome
Public Meeting

FM 2920 Proposed Road Widening
From BU 290 to SH 249

Harris County
Open House

Waller High School
Waller, Texas
January 23, 2018

Tomball High School
Tomball, Texas
January 25, 2018



Need and Purpose

- Project Needs

- Current and projected growth in the area has caused traffic demand to increase
- Current roadway does not provide adequate mobility to accommodate population growth or alleviate congestion
- Increased number of serious crashes along the proposed project corridor



- Project Purpose

Improve traffic flow, mobility and safety within the study area.

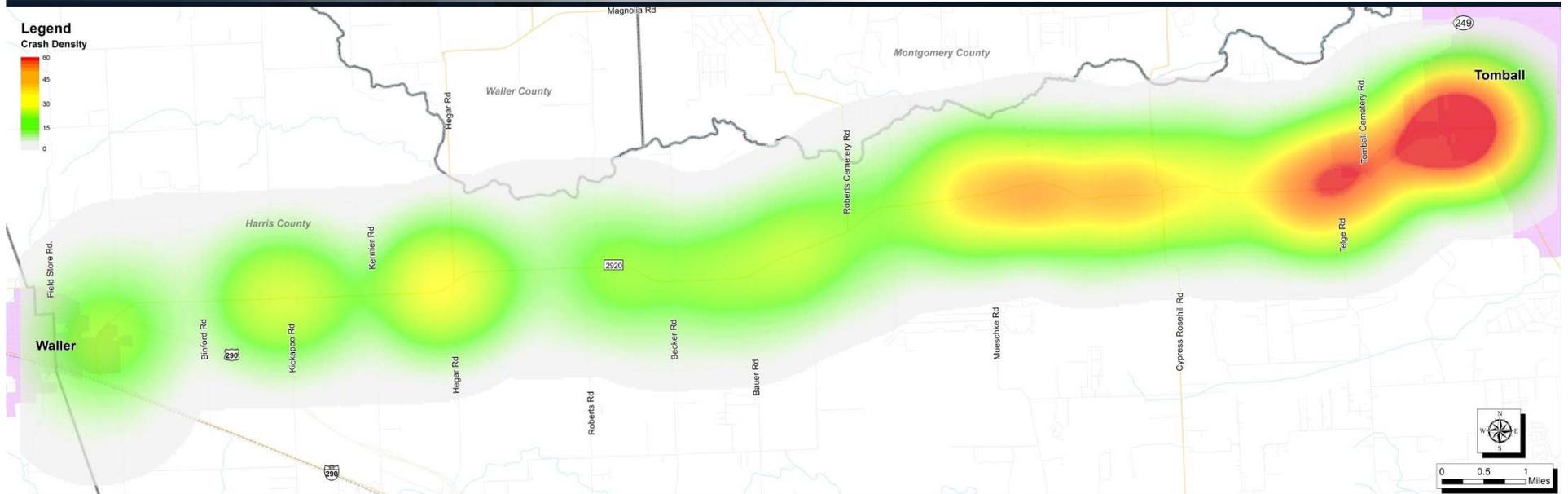
Current and Projected Traffic Volumes

FM 2920 Roadway Limits	2015 Traffic Volumes (AADT)*	Projected 2035 Traffic Volumes (AADT)*	Percent Growth Rate
BU 290 – US 290	6,206	11,540	85.95
US 290 – Hegar Road	7,136	13,270	85.96
Hegar Road – Mueschke Road	11,856	22,050	85.98
Mueschke Road – Cypress Rosehill Road	16,667	31,000	86.00
Cypress Rosehill Road – Tomball Cemetery Road	27,834	51,770	86.00
Tomball Cemetery Road – SH 249	29,291	54,480	86.00

Source: Statewide Planning Map 2018

*AADT = Annual Average Daily Traffic

Crash Analysis



FM 2920 Roadway Limits	Number of Crashes Between the Years 2013-2016
BU 290 – US 290	30
US 290 – Hegar Road	99
Hegar Road – Mueschke Road	125
Mueschke Road – Cypress Rosehill Road	76
Cypress Rosehill Road – Tomball Cemetery Road	121
Tomball Cemetery Road – SH 249	114

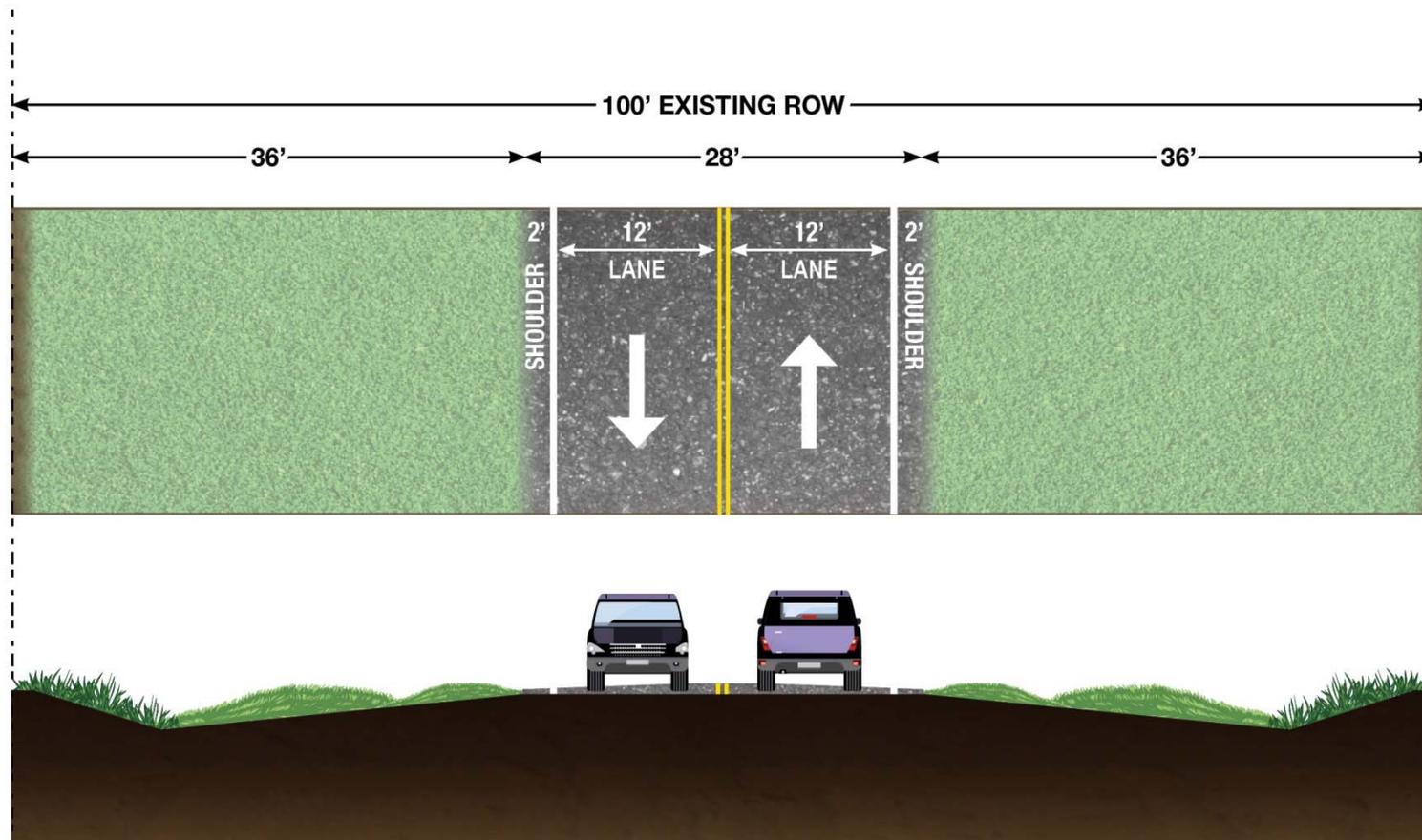
Source: TxDOT Houston District 2018

Preliminary Impact Evaluation of Build Alternatives

	South	Middle	North
ROW (acreages)*	187	184	185
Potential Residential Displacements	21	16	13
Potential Commercial Displacements	25	24	34

*Does not include intersection options nor stormwater detention facilities

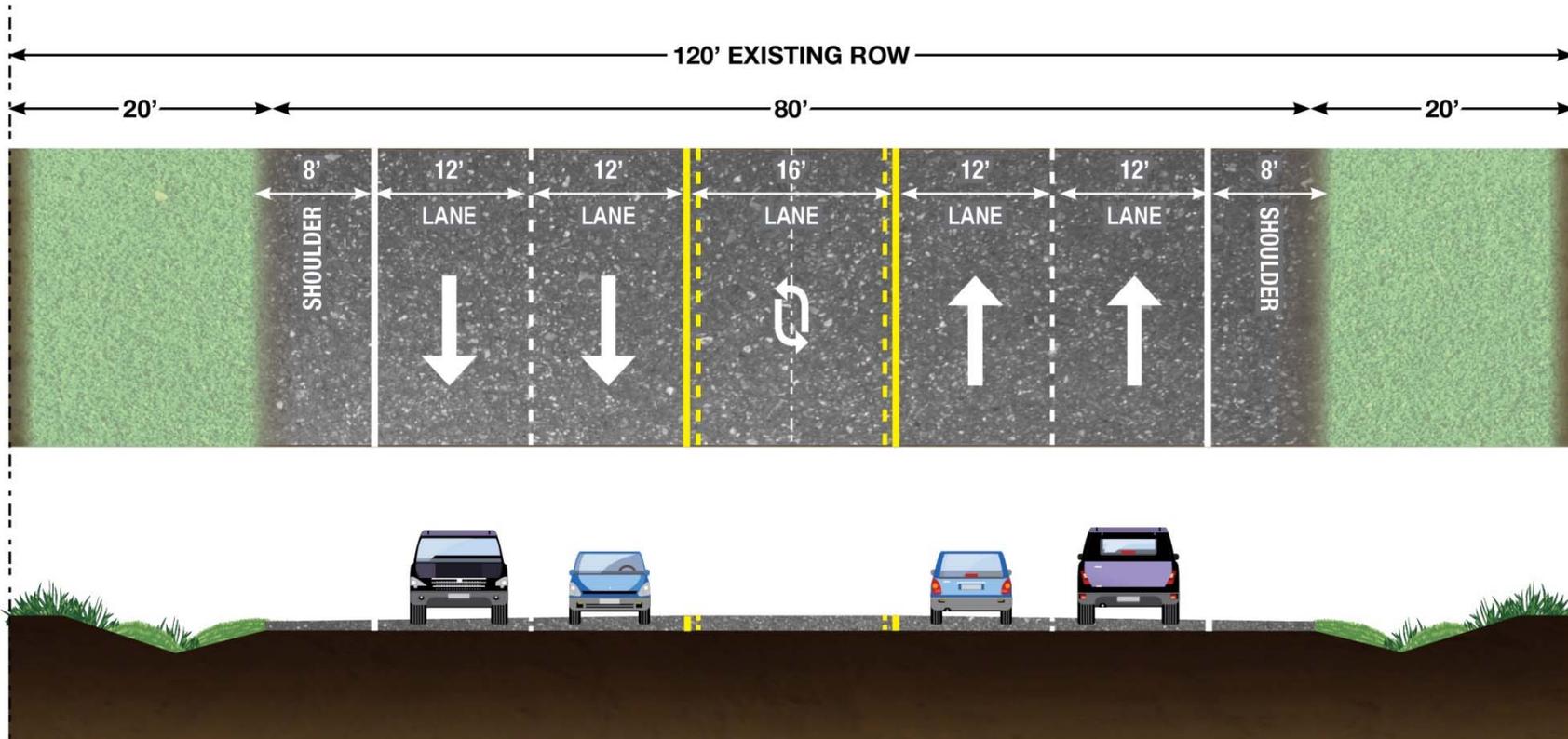
Existing Typical Section



- Two undivided 12-foot wide travel lanes (one in each direction)
- Two-foot outside shoulders
- Open ditches
- Existing 100-foot right-of-way

BU 290 to Cypress Rosehill Road

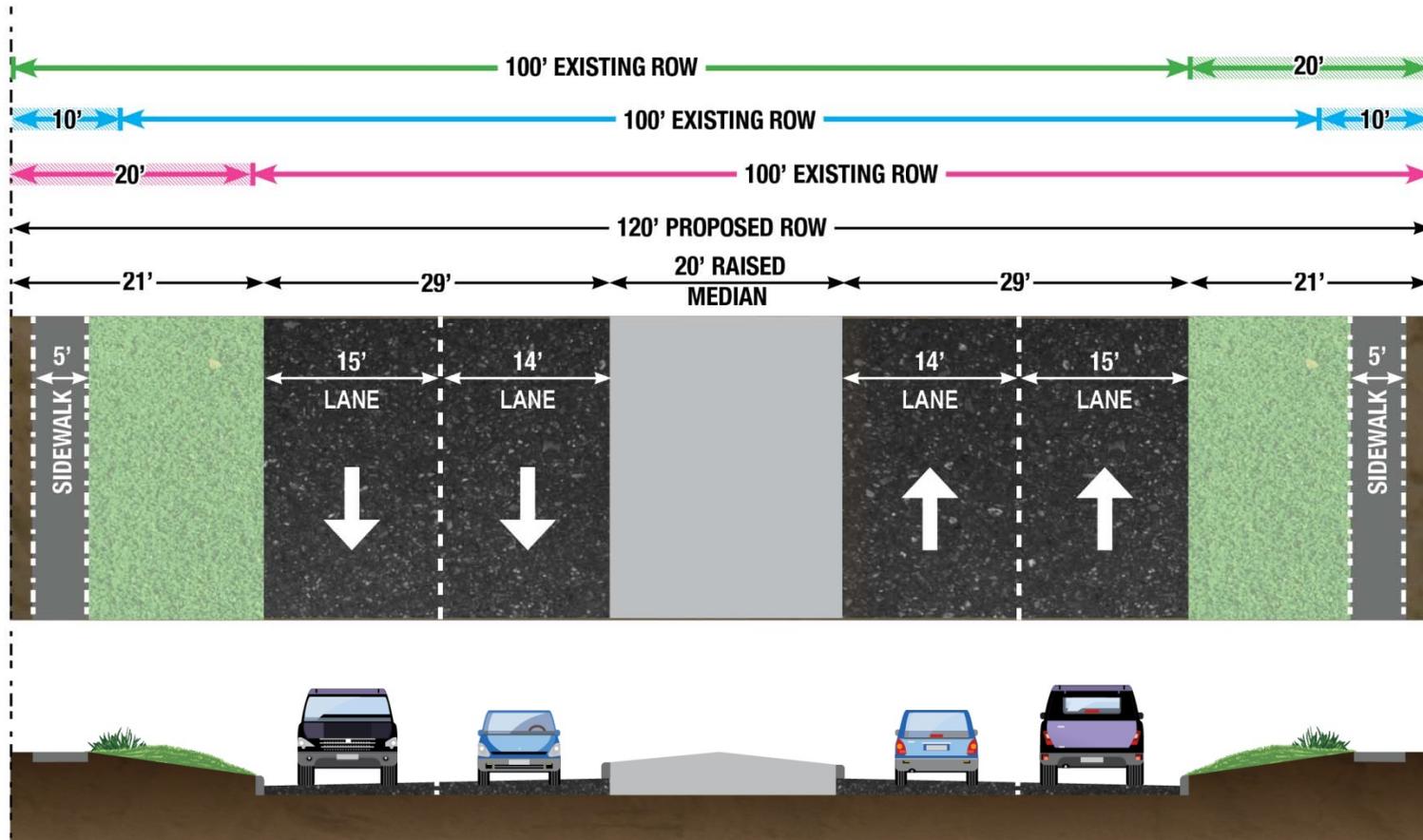
Existing Typical Section



- Four 12-foot travel lanes (two in each direction) divided by 16-foot two-way left turn lane
- Eight-foot outside shoulders
- Open ditches
- Existing 120-foot right-of-way

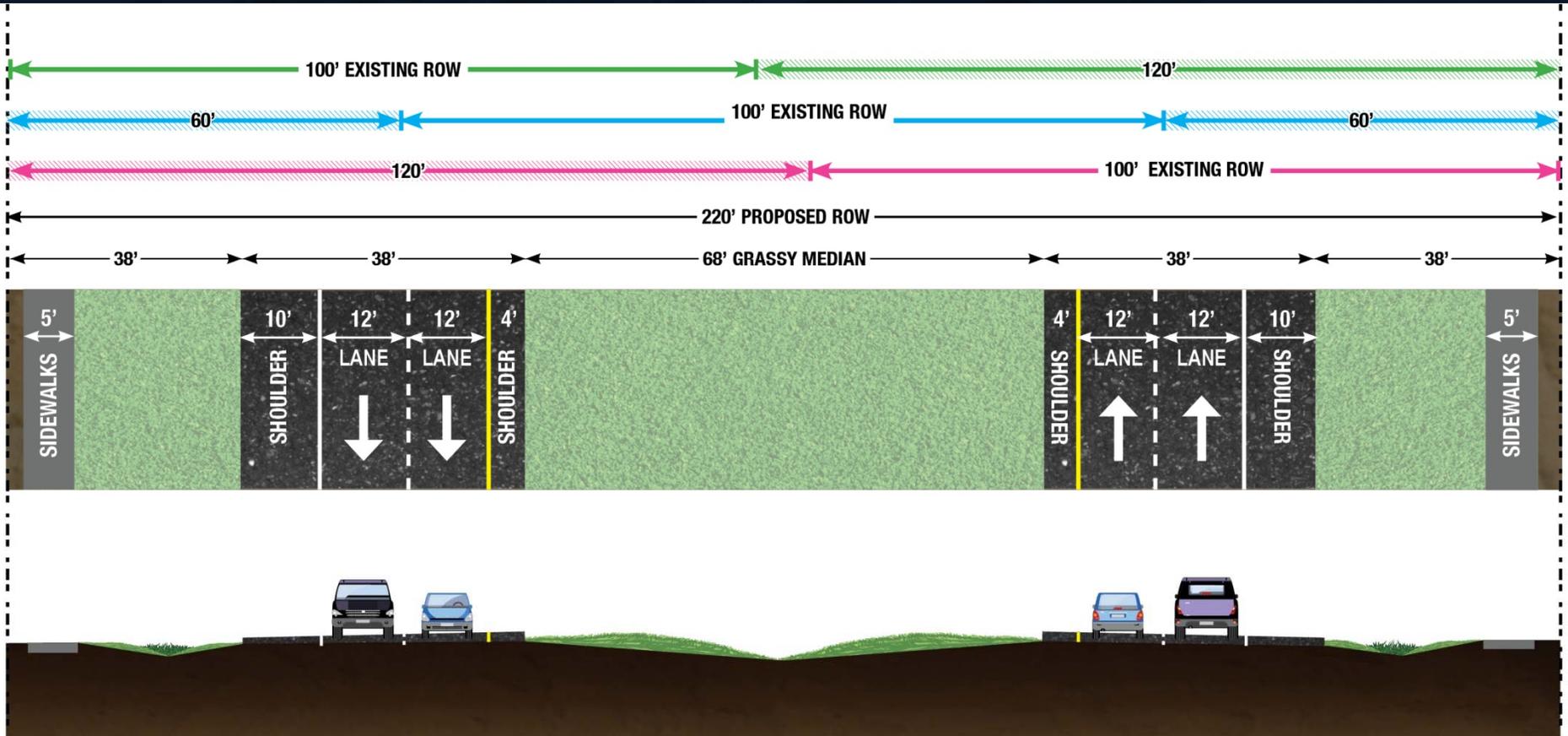
Cypress Rosehill Road to SH 249

Proposed Typical Section



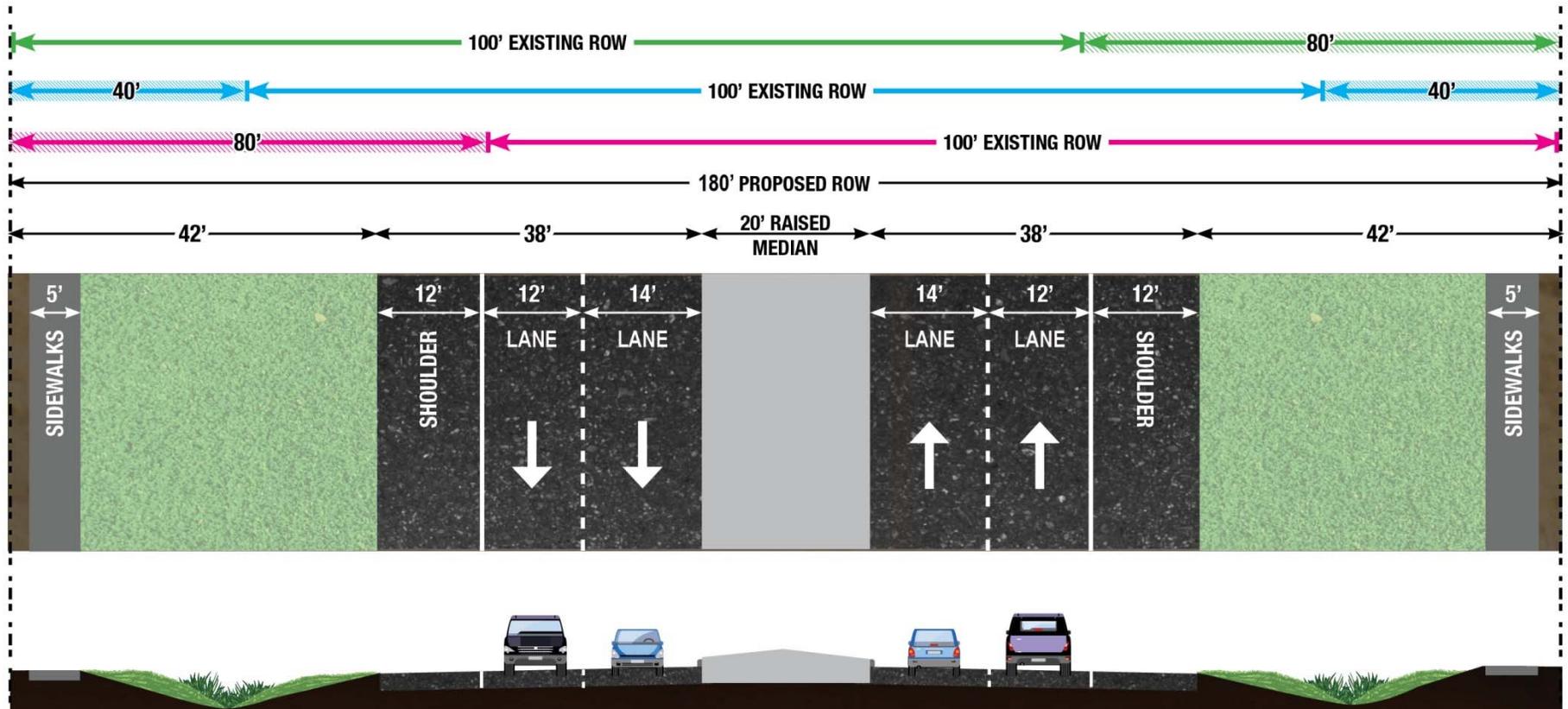
- Two 14-foot inside travel lanes and two 15-foot outside travel lanes (two lanes each direction)
- 20-foot raised median, curb and gutter, and five-foot sidewalks
- Proposed 120-foot right-of-way

Proposed Typical Section



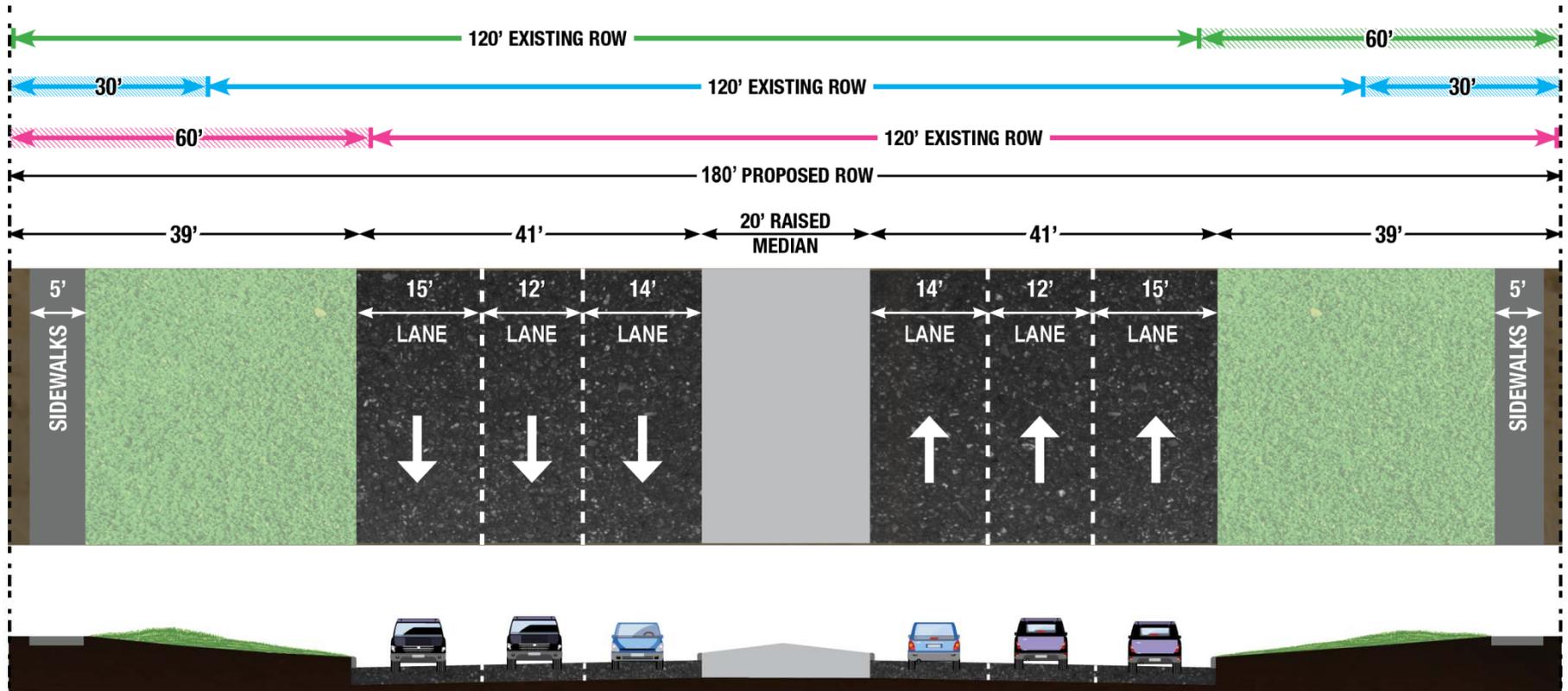
- Four 12-foot travel lanes (two in each direction)
- Four-foot inside shoulders and ten-foot outside shoulders
- Open ditches, grassy median, and five-foot sidewalks
- Proposed 220-foot right-of-way

Proposed Typical Section



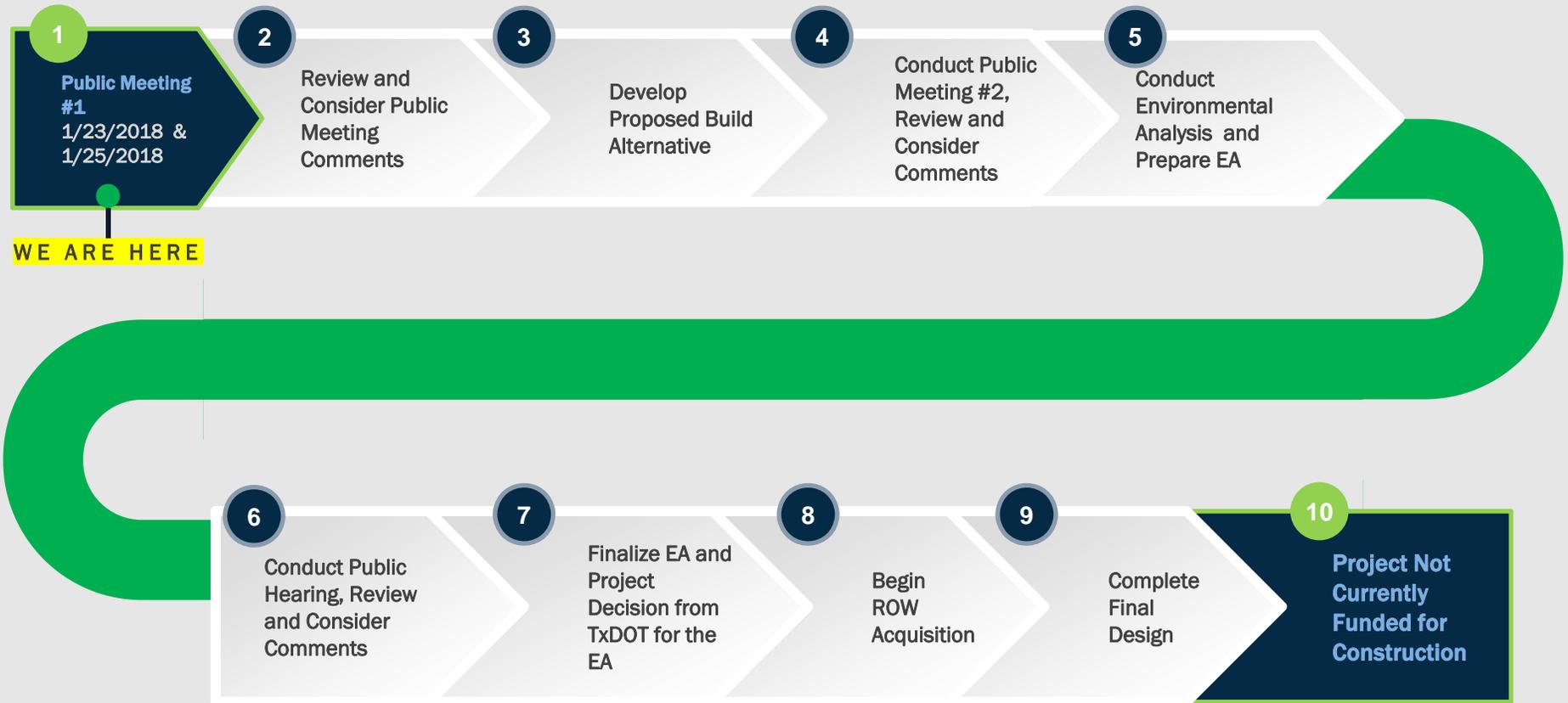
- Two 14-foot inside travel lanes and two 12-foot outside travel lanes (two in each direction)
- 12-foot outside shoulders
- 20-foot raised median, open ditches and five-foot sidewalks
- Proposed 180-foot right-of-way

Proposed Typical Section



- Two 14-foot inside travel lanes, two 12-foot center travel lanes and two 15-foot outside travel lanes – six travel lanes total (three in each direction)
- 20-foot raised median, curb and gutter, and five-foot sidewalks
- Proposed 180-foot right-of-way

Next Steps



Public Meeting Comments

All comments must be submitted by February 9, 2018.

Submit Comments **TONIGHT** by placing in the comment box

Submit Comments by **MAIL** to:
TxDOT Houston District
Attn: Director of Project Development
P.O. Box 1386
Houston, Texas 77251-1386

Submit Comments **ELECTRONICALLY** by:
EMAIL at HOU-piowebmail@txdot.gov

Project information can be found online at:

<http://www.txdot.gov/inside-txdot/projects/studies/houston/fm-2920.html>