21: I-610 Ramp Radius

Radio de Rampa del 1-610

Description:

In the Northwest corner of I-45 / I-610 interchange, the right-of-way proposed by TxDOT displaces 12 residences, a commercial business, and a historically significant community worship center.

Also Addresses:

Traffic

We Heard:

I am writing with concerns about the planned expansion of I-45 and its impact on the Independence Heights Community and surrounding areas

This community has held the church in high esteem. Mount Olive Missionary has a 130+ [year] history and was recently rebuilt from the ground up.

Acres Home Acres Home Acres Home Greater Heights Acres Home Acres H

TxDOT Proposal

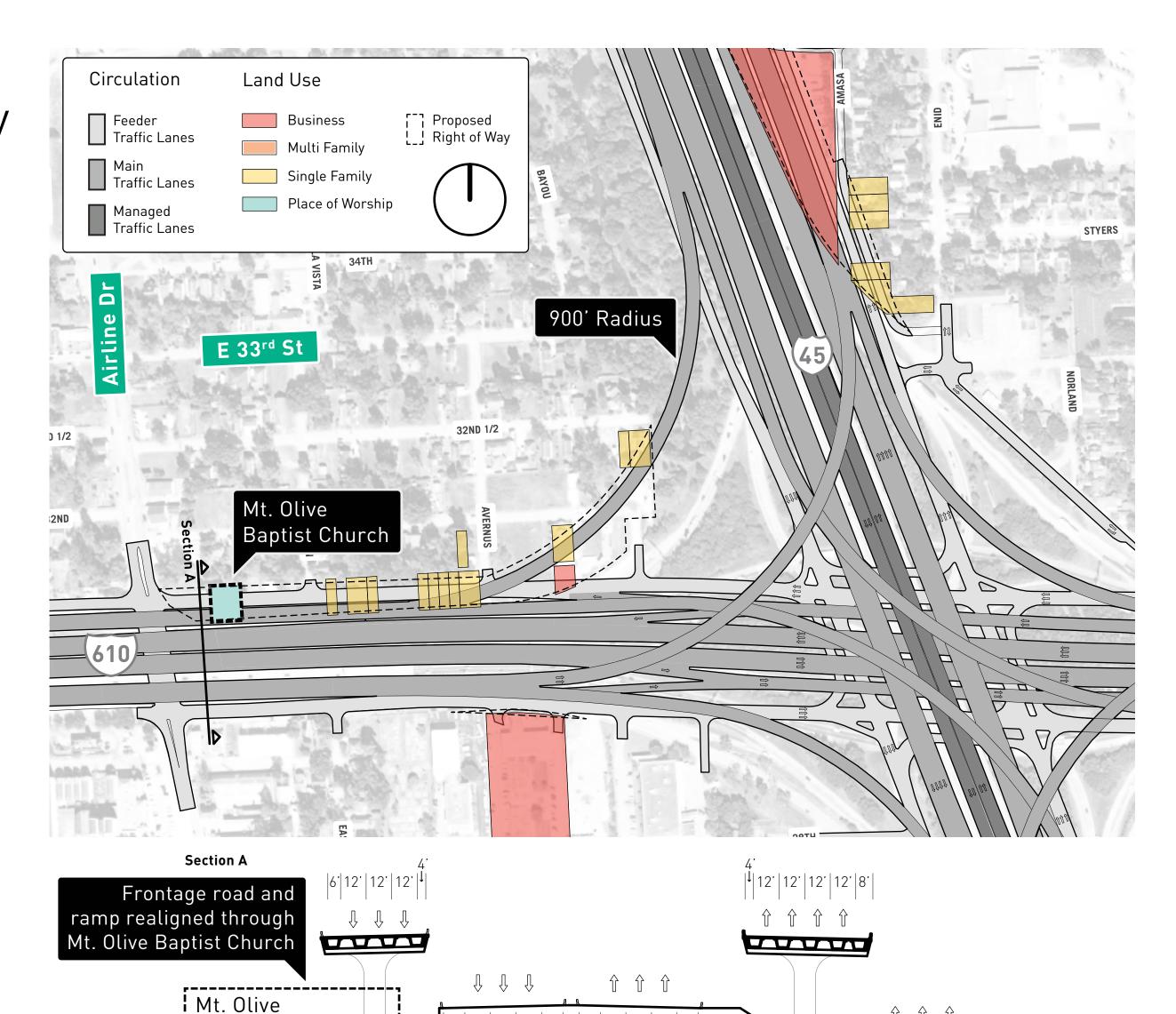
TxDOT proposes a ramp with a radius of 900 feet and expansion of the right-of-way Northwest of the I-610 interchange.

PROS

- Cars not needing to slow down for ramp slightly reduces risk of crashes

CONS

- Increased noise in nearby community due to faster speeds and closer realignment of ramp
- Numerous properties displaced by right-of-way acquisition
- Recently constructed Greater Mt. Olive Missionary Baptist Church to be displaced due to right-of-way acquisition
- Adds elevated structure, which will be very visible from the neighborhood



0' 12' 12' 12' 10' | 10' 12' 12' 12' 10'

3 Main Lanes 3 Main Lanes

12' 12' 14'

3 Frontage Roads

Baptist Church

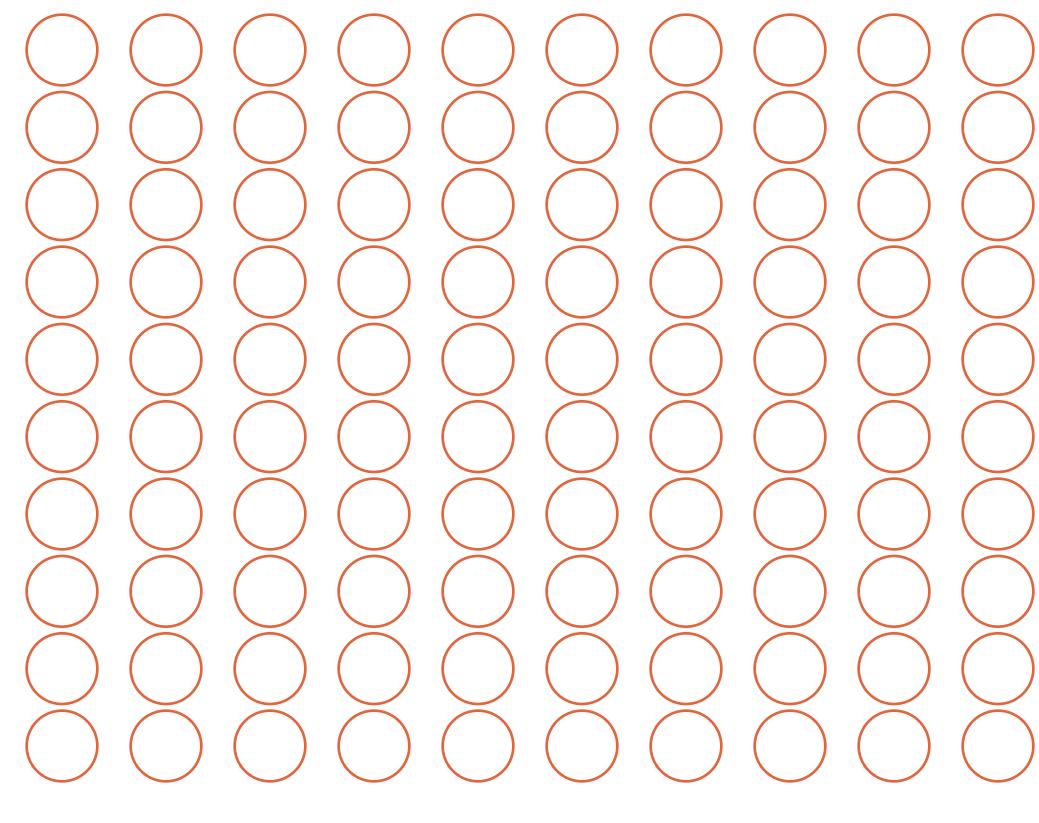
14' 12' 12'

3 Frontage Roads

Give us your input.

Put your #21 sticker on the alternative you prefer.

TxDOT Proposal



Alternative 21.1 - Reduced Ramp Radius

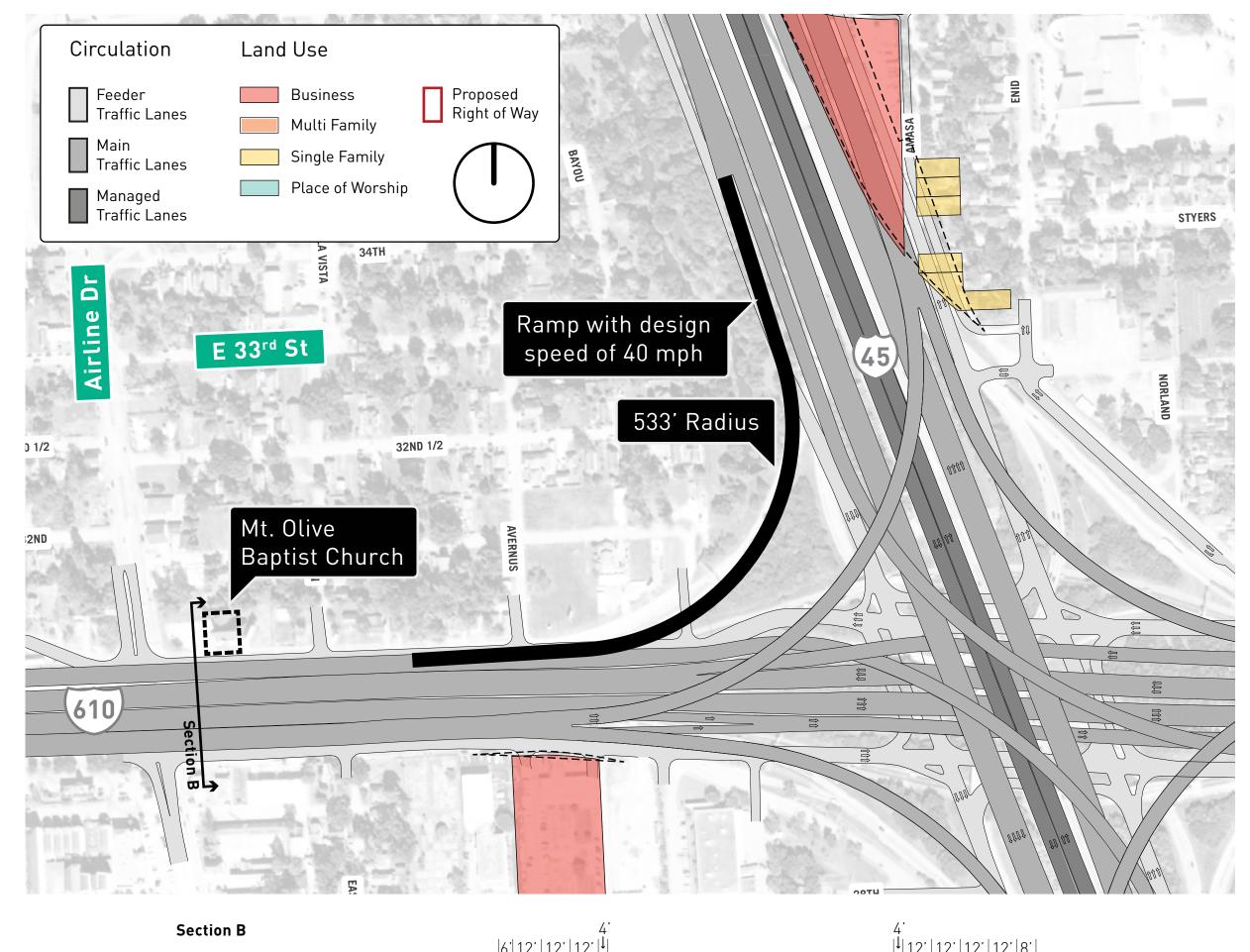
Reduce the ramp radius to 533 feet, which allows for speeds of up to 45 mph. Additionally, remove a frontage lane both north and south of I-610 and allow ramps to overlap with frontage and main lanes to reduce the amount of right-of-way taken up.

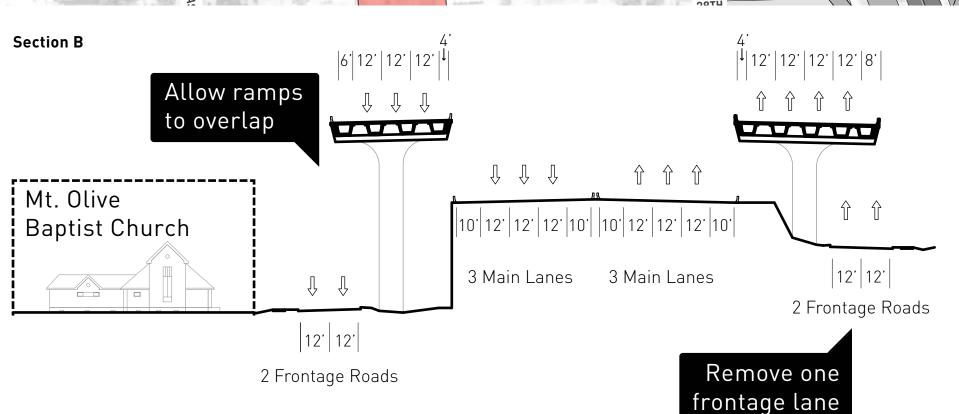
PROS

- No property displacements in NW corner of interchange
- -Less noise in nearby community
- Ramp is less visible from neighborhoods

CONS

- Lower design speed for ramp
- Ramp stacked over frontage road is close to homes and church
- A lightly increased accident risk





Alternative 21.1 - Reduced Ramp Radius