Maps and Graphics for Final Report

Thoroughfare Planning Citizens Committee

Kendall County, Texas
TPCC
Road Load-Growth Map
Numbered Roadway Segments

Road Name

Not to Scale

Numbered road segment analyzed

Prepared by Dan Banks
Safety Improvements: 800 Block of Hwy 473

Acquire ROW and coordinate with TXDOT for a future improvement project.
Safety Improvements: “Deadman’s Curve” on Hwy 474

Acquire ROW and coordinate with TXDOT for safety improvement project.

PN: SI_1B
Safety Improvements: Amman Road

- Expand paved roadway to 32 ft including 4 ft safety shoulders.
- Replace low-water crossings with bridges.

PN: SI_2
Safety Improvements: Upper Balcones Rd

- Expand paved roadway to 32 ft including 4 ft safety shoulders.
- Improve low water crossings.
- Designate as “Major Collector.”
Safety Improvements: Johns Road west of IH 10

- Improve intersection at Deer Lake Drive to increase safety.
- Expand paved roadway to 32 ft including 4 ft safety shoulders.
- Expand ROW where needed to accommodate a 32 foot pavement.
- Preserve heritage trees and historical features where possible.
- Flatten curve radius to improve safety within existing right of way.
- Designate as “Minor Collector” road.
Safety Improvements: Waring Welfare Rd

- Expand paved roadway to 32 ft including 4 ft safety shoulders where appropriate within existing right of way.
- Improve low water areas and drainage.
- Preserve heritage trees and historical features where possible.
- Designate as “Minor Collector” road.
Safety Improvements: Kreutzberg Rd

- Expand paved roadway to 32 ft including 4 ft safety shoulders.
- Expand ROW where needed to accommodate a 32 foot pavement
- Improve horizontal and vertical alignments.
- Designate as “Minor Collector” road.
• Expand paved roadway width to 32 ft including 4 ft wide safety shoulders.
• Add left turn lanes as required.
• Add a dedicated right turn lane onto IH10 east frontage road.
• Re-align roadway north of Balcones Creek and raise bridge.
• Designate as “Major Collector” road.
Expand paved roadway to 32 ft including 4 ft safety shoulders.
Improve horizontal alignments.
Raise low water crossing at Balcones Creek.
Designate as “Minor Collector” roads.
Safety Improvements: Walnut Grove Road

- Expand paved roadway to 32 ft including 4 ft safety shoulders.
- Improve horizontal and vertical alignments.
- Improve low water crossings.
Safety Improvements: Dodge Rd, Whitworth Rd and Skyview Dr

• Improve vertical and horizontal alignments
• Upgrade pavement width to 28 ft.
Safety Improvements: FM1376 and FM 473 Intersection

- Extend FM 473 through lanes westward to form “T” intersection with FM 1376.
- Narrow the width of the “ramp” lanes to single lane, allowing only one-way traffic flow.
Safety Improvements: Hein Road and Walnut Grove Road

- Construct high-water crossing over Joshua Creek.
- Realign Cravey Rd out of Flood Plain.

- Widen Hein Rd to 32 ft.
- Realign Hein Rd out of creek bed.
- Designate as Minor Collector.

- Widen Walnut Grove Rd to 32 ft. including 4 ft safety shoulders.
Quick Win/Mobility Improvements: Five Point Intersection
(N. Main St. -- Adler Rd -- N. School St.)

- Improve Adler Rd and N. Main Street intersection.
- Move the North School St intersection north on Main Street.
- Cul-de-sac the north end.

PN: QW_1
Quick Win: Herff Road extension to IH 10

- Construct 32 ft roadway in 80 ft ROW (2 through lanes with 4 ft wide shoulders and left turn lanes as required) from OSA Road to South Main Street.
- Realign roadway at Menger Creek.
- Realign roadway vicinity Oak Park Dr.
Mobility Improvement: Add right turn lanes at IH 10 and Scenic Loop Road

- Add right-turn lanes as indicated.
- Add stoplights.

PN: QW_3
Mobility Improvement: Herff Road Expansion

- Widen Cibolo Creek Bridge
- Upgrade intersection with Hwy 46
  - 2 left turn lanes from Hwy 46 east onto Herff Road
  - Dedicated right turn lane on Herff Road to Hwy 46 east
- Construct 60 ft roadway (4 through lanes, center median, and left turn lanes as required) from Hwy 46 to Main Street.
- Realign roadway at Menger Creek.
- Realign roadway vicinity Oak Park Dr.
- Extend Herff Blvd to IH 10.
Mobility Improvements: IH-10 Frontage Roads

- Extend Frontage Roads continuously along IH 10.
- Maintain direct access to Bandera Rd from School Street

- Maintain direct access to Bandera Rd from School Street

- Increase capacity of Hwy 46 bridge over IH 10 to 5 lanes and add turn-arounds
Mobility Improvements: SH 46 East

Coordinate with TXDOT:
- Expand paved roadway to 70 ft (4 - 12 ft through lanes, 14 ft center turn lane with 4 ft safety shoulders) from Herff Road to the Comal county line.
- As development occurs, implement setbacks to reserve sufficient ROW to expand overall ROW to 120 ft.

Coordinate with TXDOT:
- Eliminate parking on River Road.
- Re-stripe River Road from 2 to 4 lanes from Herff Road to Main Street.
- Widen Main Street bridge over Cibolo Creek to accommodate two left turn lanes from River Road.
Mobility Improvements: SH 46 West

- Redesign SH46-IH10 intersection
- Widen SH46 overpass to 6 lanes (4 through lanes plus left turn lanes)

Provide for School St to have direct access to SH 46

Provide for Upper Balcones Rd to have direct access to SH 46

PN: MI_4A
Coordinate with TXDOT:
- Expand to 4 lanes with left turn lanes as required.
- Expand bridge over IH 10 to 6 lanes.

As Development Occurs -- Reserve sufficient ROW to expand overall ROW to 120 ft and add a continuous center turn lane.
School Access Rd

• Create a split diamond interchange by building a new bridge on IH 10 and extend Cascade Caverns Road to the west of IH 10.
• Add turn-arounds.
• Change the frontage roads to one-way operation.

Mobility Improvement: Expand Cascade Caverns Intersection at IH 10

• Widen Cascade Caverns Road from 200 yards east of the Middle school Entrance to west of IH 10 to 4 lanes.
• Re-align Cascade Caverns Road from OSA to IH 10
• And add dedicated turn lanes at intersections.

• Widen Scenic Loop Road to 4 lanes from IH 10 to Cascade Caverns Road.

• Widen the existing underpass to handle more lanes.

PN: MI_5A
Mobility Improvement: Old San Antonio (OSA) Road

- Increase paved roadway to 32 ft including 4 ft safety shoulders.
- Add left turn lanes at intersections.
Mobility Improvements: Extension of Joe Klar Rd to Kreutzberg Rd

- Extend Joe Klar Road to Kreutzberg Road (32 ft wide pavement including 4 ft shoulders)
- Pave Joe Klar Rd (32 ft wide pavement including 4 ft safety shoulders)

PN: MI_6A
Mobility Improvements: FM 3351 Widening

Coordinate with TXDOT, Comal and Bexar Counties:
- Widen FM 3351 from Highway 46 to IH 10.
  - 78 ft wide pavement:
    - 4- 12 ft through lanes
    - 14 ft continuous center lane
    - 2- 8 ft shoulders

- Expand intersection with IH 10 to handle growth in traffic volume.

PN: MI_6B
• Extend Joe Klar Road to FM 3351 (32 ft wide payment including 4 ft wide safety shoulders).

• Construct new roadway segments 32 ft wide including 4 ft wide safety shoulders connecting Hwy 46 to Ammann Rd and to FM 3351.
• Reserve sufficient right of way for a designated “County Arterial” road.
• Coordinate segments with Comal County and the City of Fair Oaks Ranch.

• Widen this section of Amman Road to 32 ft including 4 ft wide safety shoulders
• Reserve sufficient ROW for future arterial.

Eliminate the intersection of Brandt Road with Highway 46 once the new roadway segment is built.
Coordinate with TXDOT and City of Boerne

- Expand Esser Rd to 4 lanes with no on-street parking from the 1st curve north of Adler Road on FM 474 to Hwy 46.
- Re-align and straighten intersection at Bentwood Drive/Blanco Road.
- Add 5 foot sidewalk on west side
Mobility Improvement: Extension of Sisterdale Rd to S. Main St.

Coordinate with City of Boerne:
- Construct 2-lane, 32 ft wide paved roadway with 4 ft safety shoulders.
Mobility Improvements: Adler Road

- Improve low water crossings.
- Construct a 5 foot wide sidewalk on south side.
- Construct paved 3-lane, 44 ft wide roadway including 4 ft safety shoulders.
- Build a 5 foot sidewalk on the south side.
• Construct a limited access arterial road for through traffic to access IH 10 and to enhance local mobility.
• Add left turn lanes at major intersections.
Mobility Improvement: SE Connector

- Re-align Amman Road
- Extend Herff Trails Blvd
- Construct a 2 lane roadway (32 ft pavement including 4 ft safety shoulders) from Hwy 46 to Dietz-Elkhorn Rd.
- Coordinate with Bexar County.
- Make this section of Old Fredericksburg Road a local road and move through traffic to new road.
Mobility Improvement: SW Connectors

As Development Occurs:
- Expand Corley Rd to 32 ft wide including 4 ft safety shoulders.
- Construct new collector roadways (32 ft roadway including 4 ft safety shoulders).

Coordinate with TXDOT and Bexar Co
- Extend Dietz Elkhorn Rd to Scenic Loop Road (designated as a SA “Secondary Arterial Type A” road).
- Provide IH-10 access at Dietz Elkhorn Rd.
Mobility Improvement: School Street and San Antonio Avenue Upgrades

- Expand pavement to two 12-ft through lanes plus parallel parking.
- Install new traffic signal light at Main St. (coordinated with the traffic light at Blanco Rd to facilitate east-west through flow traffic)

- Expand S. School St to 2 lanes plus center turn lane.
Mobility Improvement: Ranger Creek Road Upgrade

- Widen to 4 lanes with left turn lanes as required.
Mobility Improvement: Johns Road Upgrade

Upgrade to 38 feet (3 lanes)

PN: MI_15
Planning for the future: Historic Main Street

- Develop off-street parking facilities.
- Eliminate parking on Main St.
- Remark Main St for 4-through lanes and a continuous center turn lane.
Planning for the Future: Mid County Connectivity

Arterial Road needed in this approximate location as county population increases.
Mobility Improvements: Frey St Extension

- Extend Frey St across the Cibolo Creek to Plant Ave
Planning for the future: Extend Northrop Rd to Ranger Creek Rd

Provide for future County Major Collector Roadway

To Bear Springs Rd and Pipe Creek

PN: FP_4
Extend Kreutzberg Rd to Hwy 3351.
Planning for the future: NW Connector

Future Arterial Road.
Planning for the future: IH 10 By-pass of San Antonio

- Construct an alternate for IH 10 traffic to by-pass San Antonio from Luling to Comfort.
- Use FM 473 right of way in Kendall County.

Source of mileage: Microsoft Streets & Trips (13.00.09.0100)
If an “outer outer” loop is needed:
• Go further out than Highway 46.
• Use route indicated by purple line.