



2020 Bastrop County Transportation Plan Update

Public Information Session – Meeting 2

Tuesday, January 19th, 2021



2020 Bastrop County Transportation Plan Update

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- 2016 Bastrop County Transportation Plan
- Regional Arterials Concept Inventory (RACI)





Similarities & Differences of the Two Plans



- Share several goals such as safety improvements and economic development
- Share key elements such as strong public outreach and thoroughfare planning
- Both developed policy recommendations to enable the transportation system to handle future growth
- The plans differ in scope:
 - » RACI prioritized regional movements
 - » 2016 Bastrop County Transportation Plan emphasized mobility within the county and between its major towns and activity centers
- The RACI was developed without consideration for fiscal constraint while the 2016 Bastrop County Plan produced a fiscally constrained program of projects





2020 Plan Update Process



- CAMPO worked closely with the Regional Arterials Steering Committee to guide the RACI
- Representatives from both Bastrop County and the City of Elgin served on the Regional Arterials Steering Committee
- Extensive outreach was conducted with local government officials and the public through a series of meetings
- The plan team then conducted comprehensive analyses which ultimately resulted in recommended improvements





Public Outreach

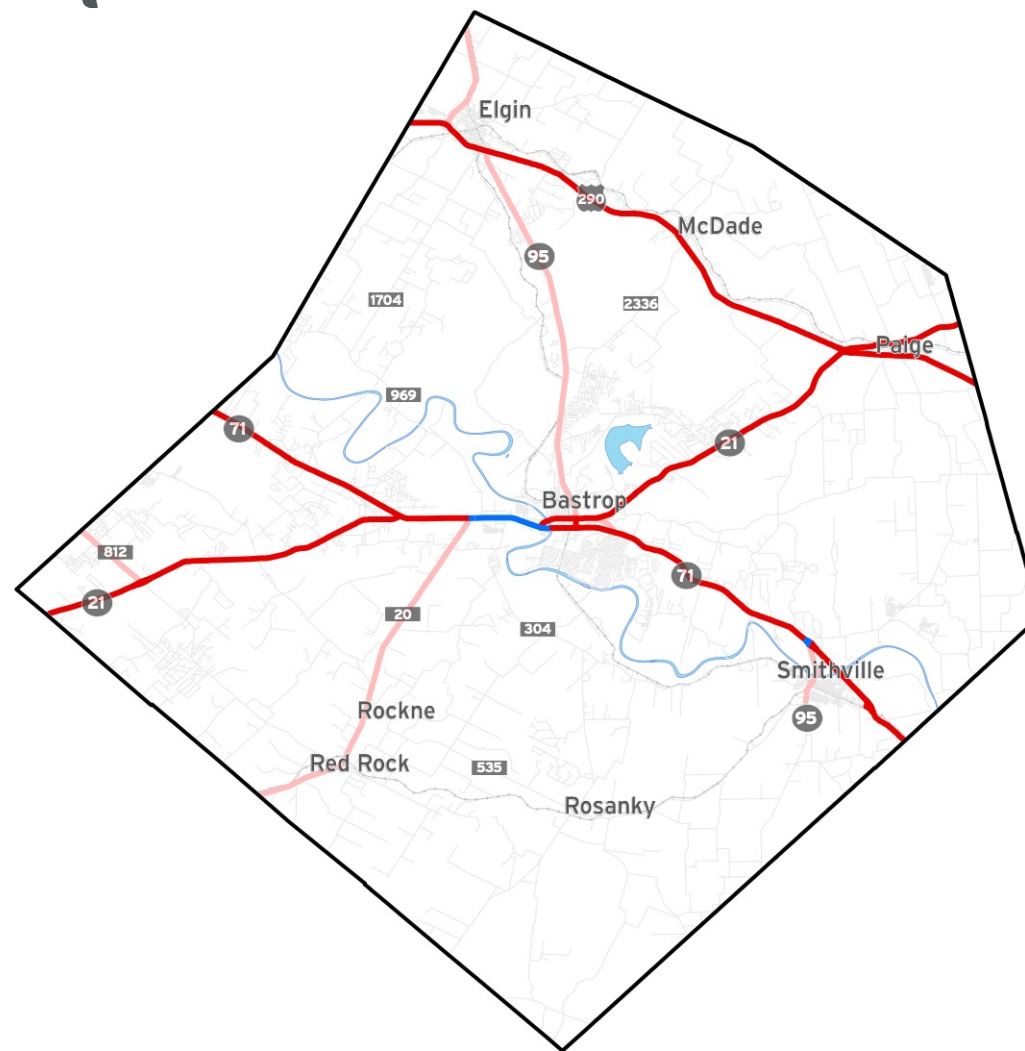


- February 2018 – July 2019
- Local government meetings were held during Rounds 1 & 2 of outreach
- 4 public meetings to present findings and gather feedback
 - » two in Round 1 (Fleming Community Center & Bastrop County Development Services)
 - » one in Round 2 (Bastrop Public Library)
 - » one in Round 3 (Elgin: Sip, Shop, and Stroll)
- 70 survey responses from Bastrop County
- Key themes:
 - » Grade separations to bypass railroad crossings
 - » Additional river crossings
 - » Connections to north and east Travis County
 - » Improvements to existing arterials
 - » Desire for improved pedestrian and public transit options



Existing Conditions Analysis

2020 Arterial Network



- Limited Access - Tolled / Non Tolled
- Principal - Major Arterial
- Minor Arterial

0 10 Miles



Existing Conditions Analysis



Factors:

- Existing network performance
- Network connectivity / redundancy
- Factors limiting connectivity
- Traffic generators
- Safety and emergency response times
- Vulnerable populations
- Environmental characteristics
- Context sensitive design
- Growth
- Freight



Concept Plan



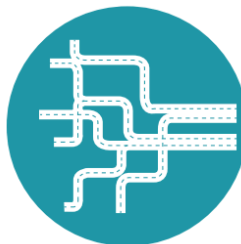
- Scenario planning approach which modeled and evaluated three scenarios:
 - » 2020 Baseline Network
 - » Future No-Build Network
 - » Recommended Arterial Network



2020 Baseline Network



- Current network of roadways including TIP improvements that are funded for construction and will be completed within 3-5 years



Network Lane Mileage: 1,510



Vehicle Miles Traveled: 2,301,000



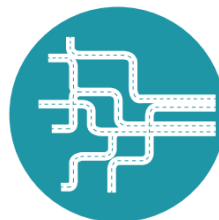
Vehicle Hours Traveled: 45,000



Future No-Build Network



- Same as the Baseline Network except using the demand for the 2040 population and employment projections
- Lane miles remain constant but roadway demand is expected to increase by 76% by 2045



Network Lane Mileage: 1,510



Vehicle Miles Traveled: 4,059,000



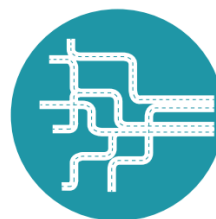
Vehicle Hours Traveled: 95,000



Recommended Arterial Network



- High functioning roadway improvements, improved connectivity, and safety enhancements



Network Lane Mileage: 2,021



Vehicle Miles Traveled: 3,900,000

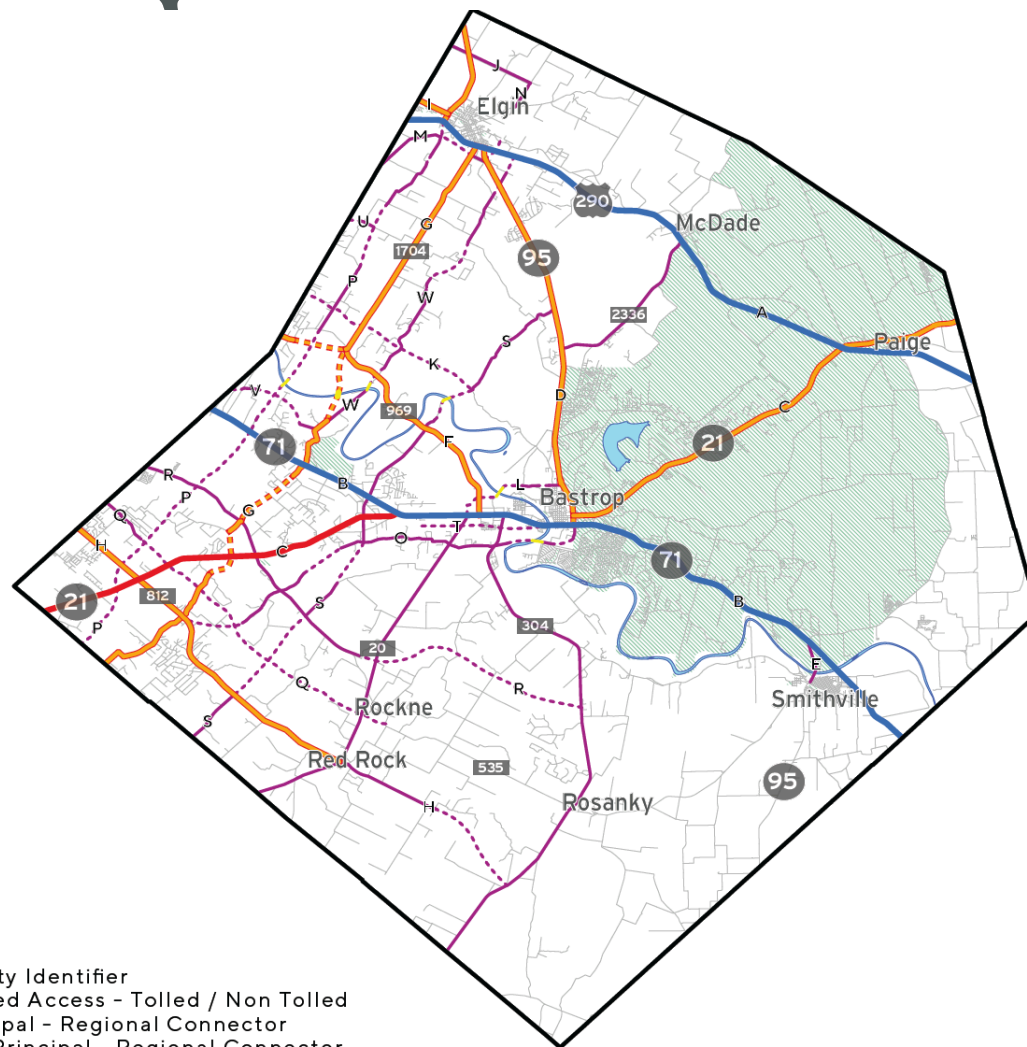


Vehicle Hours Traveled: 71,000





Recommended Arterial Network



- A Facility Identifier
- Limited Access - Tolloed / Non Tolloed
- Principal - Regional Connector
- New Principal - Regional Connector
- Principal - Major Arterial
- New Bridge
- Existing Regional Corridor
- New Regional Corridor

0 10 Miles

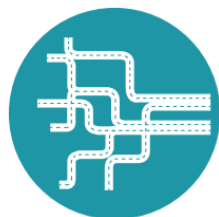




2020 Baseline Network

Future No-Build Network

Recommended Arterial network



Network Lane Miles

1,510

1,510



2,021



Vehicle Miles Traveled

2.3M



4.1M



3.9M



Vehicle Hours Traveled

45K



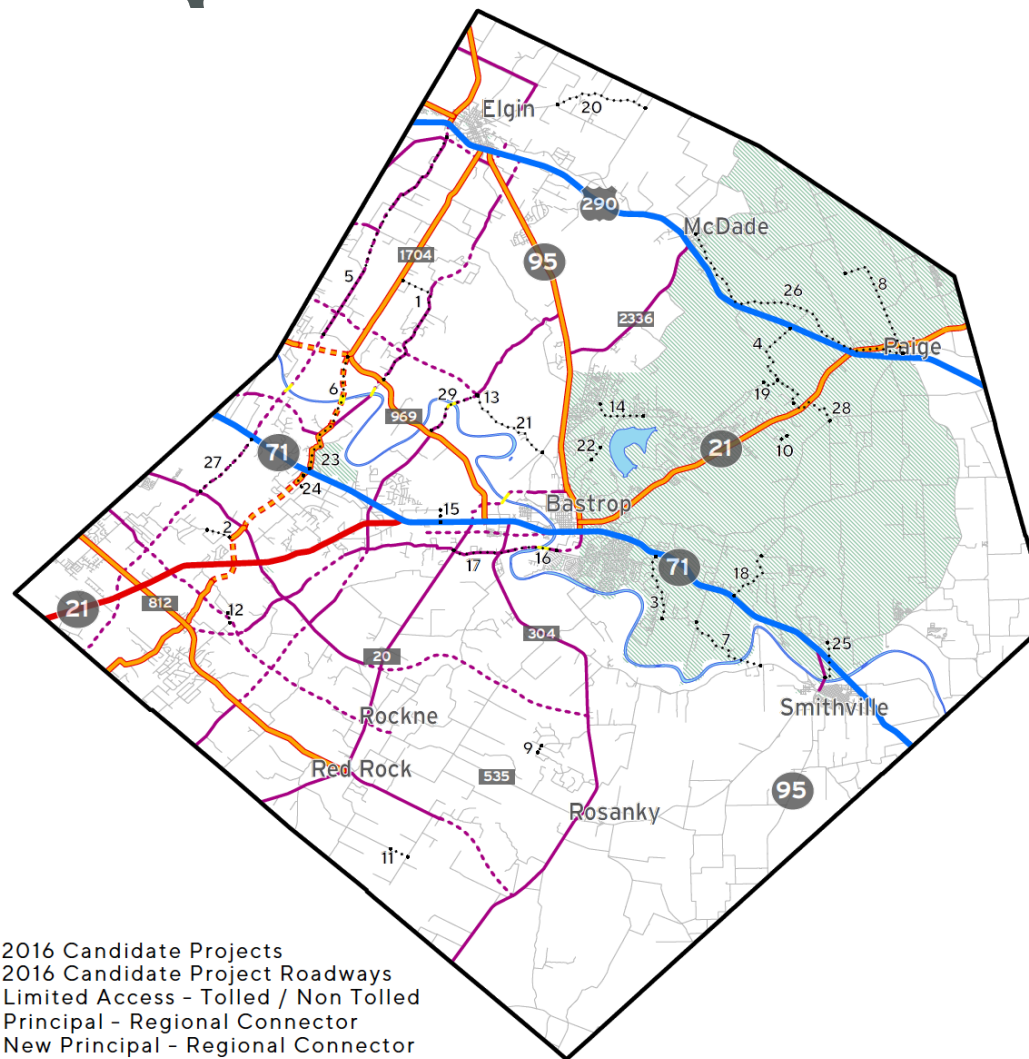
95K



71K



Recommended Network and 2016 Projects



- 1 2016 Candidate Projects
- ... 2016 Candidate Project Roadways
- Blue line Limited Access - Tolloed / Non Tolloed
- Orange line Principal - Regional Connector
- Red line New Principal - Regional Connector
- Red line Principal - Major Arterial
- Yellow line New Bridge
- Purple line Existing Regional Corridor
- Purple line New Regional Corridor

0 10 Miles



Questions

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