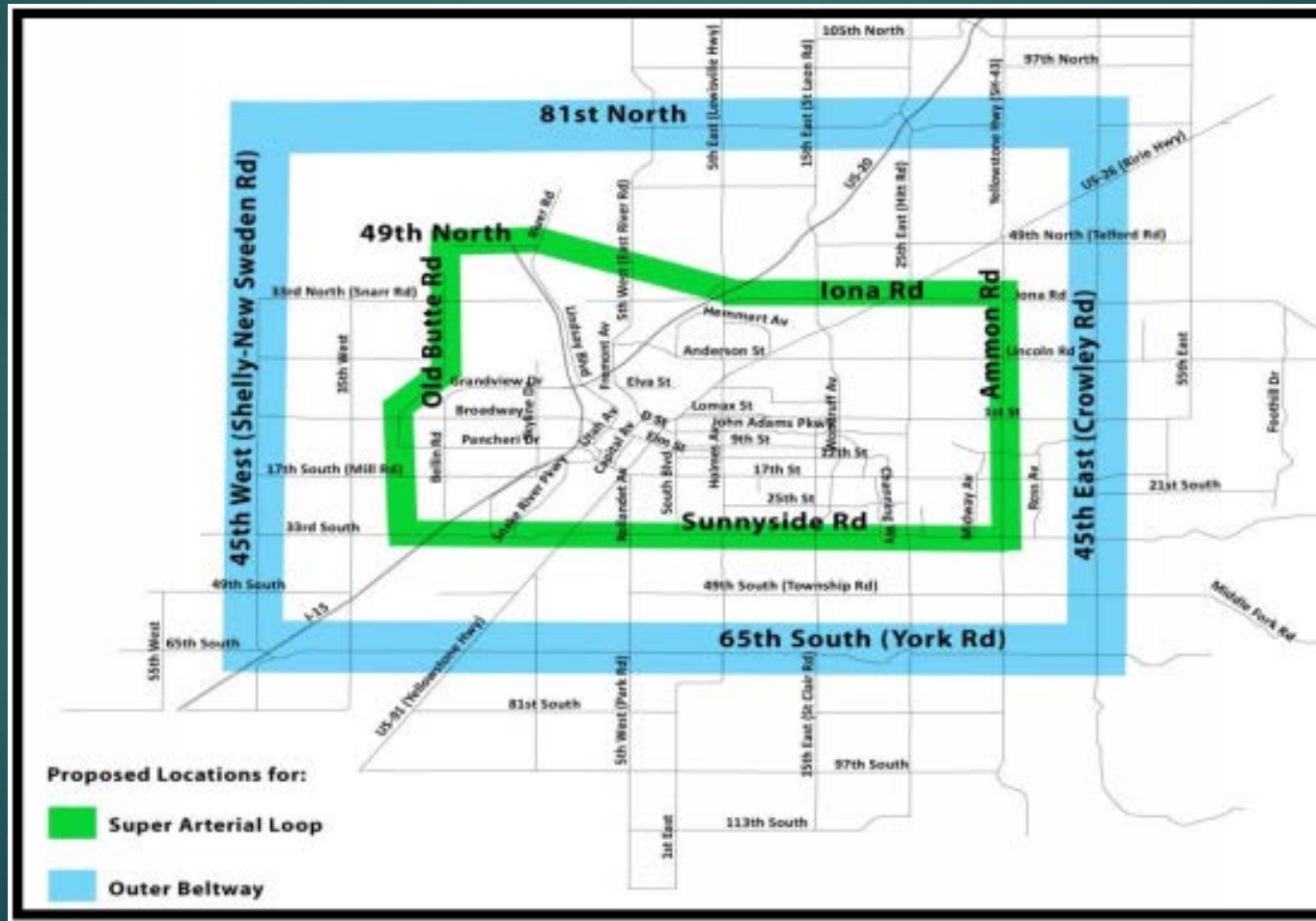


High Capacity Roadway Study

UPDATE FOR POLICY BOARD

SEPTEMBER 20, 2017

Beltway Concept - Transportation System Alternatives (TSA) Study



Joint Policy Board TAC Meeting

June 14, 2017

- ▶ Discussion Included
 - ▶ Origin and characteristics of beltway concept
 - ▶ Agency/staff concerns with that concept
 - ▶ Recommendation for a study to address
 - ▶ Expressways
 - ▶ Strategic arterials
 - ▶ Access Management Plan update

July 13, 2017 TAC Subcommittee/ ITD Meeting

- ▶ Discussion of ITD's I-15/US-20 Safety and Mobility Improvements Plan
 - ▶ Inclusion of expressways within the scope of that study
 - ▶ Full study of east-west expressway from I-15 to US-20 and US-26 on north side of urban area, including preferred alignment
 - ▶ Study of need and viability of north-south expressway on west side

High Capacity Roadway Needs Study – Scope of Work

- ▶ Task 1 – Current Status and Project Goals
- ▶ Task 2 – Outreach
- ▶ Task 3 – Short Term, Long Term and Buildout Scenarios
- ▶ Task 4 – Identification of High Capacity Roadway Alignments
- ▶ Task 5 – Access Management Plan Modifications
- ▶ Task 6 - Reports

Task 1 – Current Status and Project Goals

- ▶ Meet with TAC to review expectations and project approach
- ▶ Review previous plans
 - ▶ Transportation Alternatives Study
 - ▶ Access Management Plan
 - ▶ Long Range Transportation Plan
 - ▶ Etc.

Task 2 – Outreach

- ▶ Education
 - ▶ Need for high capacity roadways and corridor preservation
 - ▶ Coordinate through schools and other organizations/agencies
- ▶ Meetings
 - ▶ Public open houses
 - ▶ Property owners – individually or in groups

Task 2 – Outreach (Cont.)

- ▶ Website and Social Media
 - ▶ Gather comments, track interest, show schedules, distribute key information
 - ▶ Use social media to drive traffic to the website and promote open houses
- ▶ Local and Regional Review
 - ▶ Present technical memoranda to County and City staff and planning commissions, ITD staff, and BMPO TAC and Policy Board

Task 3 – Short Term, Long Term and Buildout Scenarios

- ▶ Demographics and Land Use
 - ▶ Re-evaluate growth patterns and trends
 - ▶ Develop data sets for each scenario
- ▶ Projected Traffic
 - ▶ Trip generation and traffic projections by scenario
 - ▶ Iterative process with alignment alternatives development
- ▶ Technical Memorandum #1

Task 4 – Identification of High Capacity Roadway Alignments

- ▶ Expressways
 - ▶ East-west on north side of urban area – ITD's I-15/US-20 Plan
 - ▶ North-south on west side
 - ▶ Two sections – north and south of US-20
 - ▶ Need identified in ITD study, alignments in BMPO study

Task 4 – Identification of High Capacity Roadway Alignments (Cont.)

- ▶ Strategic Arterials
 - ▶ Identify alignments
- ▶ Evaluation and Analysis
 - ▶ New roadway alignments, consider:
 - ▶ Relocations and loss of agricultural land
 - ▶ Other environmental considerations
 - ▶ Cost

Task 4 – Identification of High Capacity Roadway Alignments (Cont.)

- ▶ Evaluation and Analysis (Cont.)
 - ▶ Reclassification of existing roadways
 - ▶ Consider/identify construction needs and estimated costs
- ▶ Typical Cross Sections
- ▶ Technical Memorandum #2

Task 5 – Access Management Plan (AMP) Modifications

- ▶ AMP Update Elements
 - ▶ Functional classification and travel context classification maps
 - ▶ Cross-sections
 - ▶ Guidelines for increased width (arterial-arterial intersections)
 - ▶ Corridor preservation tools
 - ▶ TIS guidelines & other misc. corrections/updates
- ▶ Technical Memorandum #3

Task 6 – Reports

- ▶ Tech Memos form foundation for:
 - ▶ Draft and final Study Report
 - ▶ Draft and final AMP update
- ▶ Review by appropriate parties
- ▶ Adoption by Policy Board and local jurisdictions

Going Forward

15

- ▶ Schedule
 - ▶ Dependent on funding
 - ▶ Several years out with STP-Urban funds
 - ▶ Could be sooner if locally funded
- ▶ Cost
 - ▶ ~\$250K