

## 2017-2021 TIP Quick Reference

### New Projects and Studies:

1. Mossmain Intch – West Blgs Intch – UPN 9198
  - a. Minor Rehabilitation Project – mill and fill driving lanes, seal and cover, concrete median barrier on I-90 from RP 437.12 to 446.70 (only a portion within MPO Boundary)
2. W Blgs Intch – Pinehills Intch – UPN 9199
  - a. Minor Rehabilitation Project – mill and fill driving lanes, seal and cover, interchange ramps on I-90 from RP 446.7 to 456.60
3. Underpass Ave. Improvements – UPN 8669
  - a. Construction project to implement recommendations from Underpass Ave. Improvements traffic study. Proposed improves include reconstruction of Underpass/State Ave. and improvements at 6<sup>th</sup> Street, West/Central Ave., and Calhoun intersections. Project will address capacity and queuing issues, safety and mobility, insufficient storm drainage systems, noncompliant pedestrian facilities, connectivity issues (for non-motorized users), excess maintenance costs and other operational issues associated with these intersections.
  - b. MACI Discretionary and NH funded
4. Airport Road & Main St. – UPN 8718
  - a. Construction project to implement recommendations from the Airport Road and Main Street Intersection Improvement traffic study. Proposed improvements include lane modifications, signal upgrades, median work, and minor realignment of routes near the intersection of Airport Road and Main Street. Project will address capacity and queuing issues, safety, mobility, signal upgrade needs, and other operational issues in the immediate area.
  - b. NH funded
5. 27<sup>th</sup> Street RR Crossing Study – UPN 9354
  - a. Other (OT) phase project to evaluate improvement options for the railroad crossing on 27<sup>th</sup> Street. Primarily the emphasis is to keep traffic moving during train crossings on 27<sup>th</sup>. This evaluation will examine alternatives that consider operational issues, safety, bike/ped options, ADA needs, environmental issues, geometric considerations, right-of-way, utilities and other factors to determine preferred alternatives (and costs associated with those alternatives). A detailed examination of potential funding sources must be included in the analysis (in order to determine the true feasibility of each alternative).
  - b. STPX funded

6. Zoo Drive Signals – UPN 9261
  - a. MACI Discretionary funding will be used for 4 signals on Zoo Drive. The overall goal of the project is to promote traffic flow improvements via increased signal connectivity and synchronization. Traffic signal hardware will be updated as well.
  - b. MACI Discretionary funded
7. State Avenue Signals – UPN 9259
  - a. MACI Discretionary funding will be used for 7 signals along State Avenue. The overall goal of the project is to promote traffic flow improvement via increased signal connectivity and synchronization. Traffic signal hardware will be updated as well.
  - b. MACI Discretionary funded
8. Johnson Lane Signals – UPN 9260
  - a. MACI Discretionary funding will be used for 2 signals on Johnson Lane. The overall goal of the project is to promote traffic flow improvements via increased signal connectivity and synchronization. Traffic signal hardware will be updated as well.
  - b. MACI Discretionary funded
9. Main Street Signals – UPN 9265
  - a. MACI Discretionary funding will be used for 14 signals along Main Street. The overall goal of the project is to promote traffic flow improvements via increased signal connectivity and synchronization. Traffic signal hardware will be updated as well.
  - b. MACI Discretionary funded
10. Safety Projects - expecting approx. 11 safety (HSIP funded) projects to be added to the program this year. UPN (project numbers), project names, and CN years have not been established yet – descriptions for the projects are listed below:
  - a. Roundabout at Rimrock and 62<sup>nd</sup> Street West.
    - i. Cost estimate - \$2,400,000
  - b. Install ITS intersection warning system on both roads warning vehicles on Frontage Road and for vehicles on Wise Lane that a conflicting vehicle is present.
    - i. Cost estimate - \$73,000
  - c. King Ave E. – install shoulder rumble strips through all 3 curves and replace the existing signing on the curves. RP 1.1-2.0
    - i. Cost estimate – \$11,000
  - d. Yellowstone River Rd. – replace the existing chevrons with standards size chevrons at RP 3.6
    - i. Cost estimate - \$6,000
  - e. Johnson Lane – install panel delineation through the curve at approx. RP 1.2
    - i. Cost estimate - \$700
  - f. Lake Elmo Drive – install standard delineation through the curve at approx. RP 2.4
    - i. Cost estimate - \$420

- g. South Frontage Rd (W of Sugar Ave. Intersection) – replace the existing one directional large arrow with curve warning signs, speed advisory plaques and chevrons at the curve RP 2.0
  - i. Cost estimate - \$6,700
- h. Old Highway 312 – install panel delineation through the entire cluster segment RP 2.3-3.1
  - i. Cost estimate - \$3,500
- i. Garden Ave – Corridor wide signing upgrade, approx. RP 0.0-0.7
  - i. Cost estimate - \$26,000
- j. Nahmis Ave – install standard or panel delineation through the entire corridor RP 0.75-2.4
  - i. Cost estimate - \$7,500
- k. Story Rd – replace and relocated curve warning signs with speed advisory plaques at the curve approx. RP 0.2
  - i. Cost estimate - \$3,000

**Notable Project Adjustments:**

- 1. 27<sup>th</sup> St.-1<sup>st</sup> Ave. S to Airport – UPN 7910
  - a. IC/RW moved from 2016 to 2017
  - b. CN moved from 2017 to 2018
- 2. 1<sup>st</sup> Ave. North – UPN 9022
  - a. PE increase and moved from 2016 to 2017
- 3. SF 129 Roundabout King and 56<sup>th</sup> – UPN 8052
  - a. CN moved from 2016 to 2017
- 4. Main St. – UPN 8718
  - a. CN moved from 2017 to 2018
- 5. Becraft Lane Sidewalk – UPN 8718
  - a. CN moved from 2017 to 2018
- 6. SF 149 – King Interchange Safety Improvements – UPN 8941
  - a. CN moved from 2017 to 2018
- 7. Exposition Dr. & 1<sup>st</sup> Ave – UPN 7908
  - a. CN moved from 2017 to 2019