

7. Programming of Road Safety Projects in FY2017-2018

**MAG Transportation Review Committee
May 26, 2016**

Federal Funds Available for Road Safety Improvements

- Arizona receives nearly \$42 million/yr in federal Highway Safety Improvement Program (HSIP) \$
- ADOT sub-allocation to MAG is \$1.9m/yr in HSIP funds and this practice ends in FY2018
- ADOT has announced a new HSIP process for FY2019 and beyond
- Through prior action all suballocated HSIP funds through FY2018 were programmed for projects

Programming of HSIP at MAG

- Some HSIP funds have become available in FY2017 & FY2018, due to deletion of ineligible projects and the advancements of projects to fully utilize HSIP in each FY
- Total HSIP available to be reprogrammed is \$508,000 - in either FY2017 or 2018

HSIP Project Applications

- Response to the MAG call for projects
 - Glendale – 1 project seeking funds for the design phase of a HSIP funded project, currently programmed with local funds
 - Phoenix – 1 project seeking funds for traffic signal modifications
 - Gilbert - 1 project seeking funds in FY2019 for a new traffic signal
- All three projects were reviewed and recommended by the Transportation Safety Committee on April 27, 2016 (See Attachment for project list)

Project#1: Design Flashing Yellow Arrows & Intersection Modifications - City of Glendale

- Design of Flashing Yellow Arrows at 22 intersections along with geometric changes
 - Established as safer and more easily understood by motorists than "yield on green ball"
- This project is already funded with HSIP
 - Design phase is currently locally funded
- HSIP funds requested: \$288,000
- Anticipated Benefit/Cost Ratio = 5.3/1



Project#2: Add Retroreflective Backplates Indian School Rd: 47th Ave to 59th Ave City of Phoenix

- Modify traffic signals at a total of 11 intersections
- HSIP Funds requested \$220,000
- Anticipated Benefit/Cost Ratio = 2.8/1



Project#3: New Traffic Signal Intersection of Ray Road and Kay Biscayne Dr Town of Gilbert

- HSIP funds requested - \$ 391,875
- Anticipated Benefit/Cost Ratio = 11.4/1
- Availability of funds for this project, in FY2019, will be determined by ADOT according to the new HSIP process



Action Requested & Next Steps

Action Requested:

Recommend approval of the list of three (3) safety projects, two (2) to be funded with available MAG-HSIP in FY2017–FY2018, and one (1) project to be considered for state’s FY2019 HSIP funding

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Next Steps:

- June 2016 - MC & Regional Council