



April 1, 2013

City of Flagstaff
Mr. Randy Whitaker
Transportation Project Manager
211 West Aspen Avenue
Flagstaff, AZ 86001

Re: FY 10 HSIP Local Government Project, Dated 08/31/10 (Revised)
City of Flagstaff – Procure Sign Management System and Replace Signage Citywide
ADOT Project No.: SH465
Federal Project No.: FLA-0(203)A
COG/MPO: FMPO
Flagstaff District, Coconino County

Dear Mr. Whitaker:

The Arizona Department of Transportation approves revised eligibility to utilize Highway Safety Improvement Program (HSIP) funding for FY2014, FY2017 and FY2018 as requested by the City of Flagstaff in your letter of March 6, 2013.

The City of Flagstaff has eligibility approval to utilize HSIP Regionally Managed Safety funding to procure design services and purchase and install by contractor approximately 5,759 regulatory signs, 1,108 warning signs and 3,126 street names signs. The exact number and specific signs will be determined when the initial sign inventory, which was funded by this project, is completed in FY13. This safety improvement will ultimately provide better visibility and legibility of signage for all vehicles and users of public streets within the City of Flagstaff in an effort to decrease the severity and number of highway crashes in both daytime and nighttime conditions and may result in a 25 percent reduction in all crashes and 50 percent in nighttime crashes. Based on the *FHWA Retroreflectivity Train-the-Trainer Workshop at the 2008 National LTAP Conference*, sign upgrades at 4 different agencies showed the following crash reductions:

- All signs upgraded: 30% reduction in all crashes
- Warning signs upgraded: 25% to 42% reduction in all crashes, with 50% to 53% reduction in nighttime crashes
- Benefit to cost ratios ranged from 11:1 to 267:1

During a 5-year period ending December 2011, the City of Flagstaff has experienced 4,465 total crashes, including 5 fatal, 126 incapacitating injury, 353 non-incapacitating, 591 possible injury and 3,390 property damage crashes; including 3,448 daytime and 1,012 nighttime crashes. Using a crash reduction factor of 25 percent for all crashes and 50 percent for nighttime crashes the City of Flagstaff could see a 5-year reduction of 1,116 all crashes, including 506 nighttime crashes.

All work will be performed in the City of Flagstaff's right of way and no utility relocation or ground disturbing activities are anticipated. The contractor procured and installed signs will be contracted through ADOT Procurement and will be federally reimbursable.

The safety improvement items are eligible to be funded at 100% Federal share per 23 U.S.C. 120(c) as described in Code of Federal Register 23 CFR Part 924. Therefore, the City of Flagstaff does not propose to contribute any local match for the above mentioned project.

The scope of work includes:

FY14 - PE/Const/HSIP On-Call Consultant to provide a design services and initial purchase of contractor provided and installed signs.

FY17 and **FY18** – Const/HSIP Purchase of contractor provided and installed signs. The revised anticipated total cost of this project is \$1,075,000 (FY10 - \$150,000 + FY11 - \$50,000 + FY14 - \$300,000 + FY17 - \$275,000 + FY18 - \$300,000) as broken out below.

FY14 Anticipated Preliminary Engineering/Design

HSIP Regionally Managed	\$40,000.00
Local Match	\$ 0.00
Estimated Total	\$40,000.00

FY14 Anticipated Construction

HSIP Regionally Managed	\$260,000.00
Local Match	\$ 0.00
Estimated Total	\$260,000.00

FY17 Anticipated Preliminary Engineering/Design

HSIP Regionally Managed	\$10,000.00
Local Match	\$ 0.00
Estimated Total	\$10,000.00

FY17 Anticipated Construction

HSIP Regionally Managed	\$265,000.00
Local Match	\$ 0.00
Estimated Total	\$265,000.00

FY18 Anticipated Preliminary Engineering/Design

HSIP Regionally Managed	\$10,000.00
Local Match	\$ 0.00
Estimated Total	\$10,000.00

FY18 Anticipated Construction

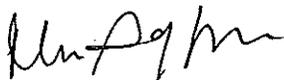
HSIP Regionally Managed	\$290,000.00
Local Match	\$ 0.00
Estimated Total	\$290,000.00

Please note that eligibility does not give you authorization to begin work. A revised JPA will need to be completed between ADOT and the City of Flagstaff prior to May 1, 2013 and all ADOT clearances will need to be completed prior to Federal construction authorization being requested. Any construction work performed prior to Federal authorization is not eligible for reimbursement.

If the project scope of work changes or the cost estimate increases by more than 20%, a revised eligibility letter and application will have to be submitted prior to obligation of funds.

If you have any questions regarding this request, please call me at 602-712-7374. Thank you.

Sincerely,



Mona Aglan-Swick, P.E.
HSIP State Manager
ADOT- Traffic Safety Section

Cc: FHWA, Arizona Division Office, ATTN: Kelly LaRosa
ADOT MPD, ATTN: Justin Feek
ADOT LPA Section, ATTN: Irene Higgs
ADOT TSS Section, ATTN: Trent Thatcher