

Potential Design Projects for FY2013 Close-out Funding and Companion FY2015 ITS Projects

Applicati on Project ID	Name of Agency	Title	Location:	Description:	Federal Cost:	Local Match:	Total Cost:	Notes
	ADOT	Design: ADOT FMS Phase 11A project to extend fiber communications backbone along I-10 up to Dysart Road.	Segment 1: From I-10 to Avondale Blvd Segment 2: From I-10 Dysart Road to Litchfield Road.	Design: fiber communications from ADOT FMS fiber backbone along I-10 at Avondale Blvd to City of Avondale fiber backbone.	0	\$0	0	No additional funds required.
ADOT-ITS-1-R	ADOT	ADOT FMS Phase 11A project to extend fiber communications backbone along I-10 up to Dysart Road.	Segment 1: From I-10 to Avondale Blvd Segment 2: From I-10 Dysart Road to Litchfield Road.	Construct and Install: Add fiber communications from ADOT FMS fiber backbone along I-10 at Avondale Blvd to City of Avondale fiber backbone.	51,045	3,086	54,131	Amend: Add to TIP RC action 1-30-2013
	City of Apache Junction	Apache Junction ITS Strategic Plan	The project will take place in Apache Junction, Arizona and will encompass the entire city.	Procure: consultant to complete an ITS Strategic Plan for all current and future traffic signals within the City of Apache Junction				Procurement only. No design phase, no additional funds required.
APJ-ITS-1-R	City of Apache Junction	Apache Junction ITS Strategic Plan	The project will take place in Apache Junction, Arizona and will encompass the entire city.	Procure: consultant to complete an ITS Strategic Plan for all current and future traffic signals within the City of Apache Junction	141,450	18,550	160,000	Amend: Add to TIP RC action 1-30-2013
	City of Avondale	Dysart Road - Rancho Santa Fe to Indian School Road	Dysart Road from Rancho Santa Fe Boulevard to Indian School Road	Design: Eight (8) new ASC 3 controllers installed to replace existing to provide compatible ITS applications. Three CCTV cameras will be included for the Indian School, Thomas, and McDowell intersections. The fiber backbone will be installed in Avondale roadway right-of-way.	88,850	5,371	94,221	Amend: Add to TIP

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AVN-ITS-1-R	City of Avondale	Dysart Road - Rancho Santa Fe to Indian School Road	Dysart Road from Rancho Santa Fe Boulevard to Indian School Road	Procure, Construct and Install: Eight (8) new ASC 3 controllers installed to replace existing to provide compatible ITS applications. Three CCTV cameras will be included for the Indian School, Thomas, and McDowell intersections. The fiber backbone will be installed in Avondale roadway right-of-way.	508,579	30,741	539,320	Amend: Add to TIP RC action 1-30-2013
	City of Chandler	Traffic Signal Controller Upgrades	201 signalized intersections in City of Chandler.	Procure and install 201 new traffic signal controllers in the City of Chandler.				No design information in application. N/A.
CHN-ITS-1-R	City of Chandler	Traffic Signal Controller Upgrades	201 signalized intersections in City of Chandler.	Procure and install 201 new traffic signal controllers in the City of Chandler.	511,766	30,934	542,700	Amend: Add to TIP RC action 1-30-2013
	City of Goodyear	SR303L - McDowell Road to Camelback Road Connectivity	SR 303L - From the McDowell Road TI to the Camelback Road TI	Procure and install cable, inner duct, fiber, video, and switch hardware.	-	-	-	No design information in application. N/A.
GDY-ITS-1-R	City of Goodyear	SR303L - McDowell Road to Camelback Road Connectivity	SR 303L - From the McDowell Road TI to the Camelback Road TI	Procure and install cable, inner duct, fiber, video, and switch hardware.	219,876	13,291	233,167	Amend: Add to TIP RC action 1-30-2013
	City of Mesa	Radio Communications Upgrade	Multiple locations throughout the City. The City currently has 12 tower sites to support the access points for ITS communications. Remotes will be deployed at existing traffic signal locations and at other locations as needed.	Design: 4 access points per radio tower on 12 existing radio towers; total of 38 access points, and procure 40 remotes to support field device communications back to the radio towers.	5,000	302	5,302	Amend: Add Design Phase to TIP. FY2013 Closeout.
MES-ITS-1-R	City of Mesa	Radio Communications Upgrade	Multiple locations throughout the City. The City currently has 12 tower sites to support the access points for ITS communications. Remotes will be deployed at existing traffic signal locations and at other locations as needed.	Procure: 4 access points per radio tower on 12 existing radio towers; total of 38 access points, and procure 40 remotes to support field device communications back to the radio towers.	233,864	14,136	248,000	Amend: Add to TIP RC action 1-30-2013

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	City of Phoenix	7th Ave 7th St DMS Deployment	On 7th Ave. and 7th Street place dynamic message signs (DMS) southbound ¼ to ½ mile in advance of four key decision points where alternative routes can be reached. The 7th Ave. locations are Northern Ave., Glendale Ave., Camelback Rd., and McDowell Rd. The 7th St. locations are Bell Rd, Thunderbird Rd., Camelback Rd., and McDowell Rd.	Procure, install and provision the Dynamic Message Signs near identified intersections; 7th Avenue, DMS north of Camelback Road, McDowell Road.	108,000	6,528	114,528	Amend: Add Design Phase to TIP. FY2013 Closeout.
PHX-ITS-1 R	City of Phoenix	7th Ave 7th St DMS Deployment	On 7th Ave. and 7th Street place dynamic message signs (DMS) southbound ¼ to ½ mile in advance of four key decision points where alternative routes can be reached. The 7th Ave. locations are Northern Ave., Glendale Ave., Camelback Rd., and McDowell Rd. The 7th St. locations are Bell Rd, Thunderbird Rd., Camelback Rd., and McDowell Rd.	Procure, install and provision the Dynamic Message Signs near identified intersections; 7th Avenue, DMS north of Camelback Road, McDowell Road.	854,811	51,670	906,481	Amend: Add to TIP RC action 1-30-2013
	City of Phoenix	Corridor CCTV Deployment on the Sevens, Bell Rd and Northern Ave	On 7th Ave and on 7th Street , as well as on Bell Rd. On Greenway Rd. On Northern Ave. On Glendale Ave, etc.	Design: CCTV PTZ traffic monitoring cameras at identified intersections.	73,000	4,413	77,413	Amend: Add Design Phase to TIP. FY2013 Closeout.
PHX-ITS-3 R	City of Phoenix	Corridor CCTV Deployment on the Sevens, Bell Rd and Northern Ave	On 7th Ave and on 7th Street , as well as on Bell Rd. On Greenway Rd. On Northern Ave. On Glendale Ave, etc.	Procure, install and provision the CCTV PTZ traffic monitoring cameras at identified intersections.	730,891	45,488	776,379	Amend: Add to TIP RC action 1-30-2013
	City of Scottsdale	Highway Advisory Radio Deployment	All of Scottsdale and portions of surround agencies.	Design: Highway Advisory Radio (HAR), 60 flashing advisory signs, fiber, and activation of existing elements.	6,000	363	6,363	Amend: Add Design Phase to TIP. FY2013 Closeout.
SCT-ITS-3 R	City of Scottsdale	Highway Advisory Radio Deployment	All of Scottsdale and portions of surround agencies.	Procure and install: Highway Advisory Radio (HAR), 60 flashing advisory signs, fiber, and activation of existing elements.	380,040	38,000	418,040	Amend: Add to TIP RC action 1-30-2013

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	City of Tempe	Fiber Optic Interconnection at Broadway/I-10 and Rio Salado/Loop101	The project is located at various locations throughout the City	Design: new conduit, High speed DSL copper communications, pull boxes, splice closure, patch panels, fiber optics jumper cables, VDSL switches, and Ethernet switches, and make use of existing conduit to provide fiber connection. The project also includes procuring and installing 22 CCTV cameras for each interchange intersection in Tempe.	36,000	2,176	38,176	Amend: Add Design Phase to TIP. FY2013 Closeout.
TMP-ITS-1	City of Tempe	Fiber Optic Interconnection at Broadway/I-10 and Rio Salado/Loop101	The project is located at various locations throughout the City	Procure and install new conduit, High speed DSL copper communications, pull boxes, splice closure, patch panels, fiber optics jumper cables, VDSL switches, and Ethernet switches, and make use of existing conduit to provide fiber connection. The project also includes procuring and installing 22 CCTV cameras for each interchange intersection in Tempe.	287,751	17,394	305,145	Amend: Add to TIP RC action 1-30-2013
	Maricopa County	Bell Road Adaptive Signal Control Technology (ASCT) Deployment	Bell Road corridor for four areas operated by Surprise, ADOT, Maricopa County, Peoria, Glendale, Scottsdale, and Phoenix.	Design: adaptive signal control capabilities to the existing signal system and enable coordination between agencies. Adaptive capability will be provided for all the signals within the Bell Road corridor for four areas operated by Surprise, ADOT, Maricopa County, Peoria, Glendale, Scottsdale, and Phoenix.	300,000	18,134	318,134	Amend: Add Design Phase to TIP. FY2013 Closeout.
MMA-ITS-1 R	Maricopa County	Bell Road Adaptive Signal Control Technology (ASCT) Deployment	Bell Road corridor for four areas operated by Surprise, ADOT, Maricopa County, Peoria, Glendale, Scottsdale, and Phoenix.	adaptive signal control implementation to the existing signal system and enable coordination between agencies. Adaptive capability will be provided for all the signals within the Bell Road corridor for four areas operated by Surprise, ADOT, Maricopa County, Peoria, Glendale, Scottsdale, and Phoenix.	2,315,065	139,935	2,455,000	Amend: Add to TIP RC action 1-30-2013