

LHMPO
TRANSPORTATION IMPROVEMENT PROGRAM
FISCAL YEAR 2016 - 2020

TIP ID # /TRACS#	SPONSOR	PROJECT NAME/LOCATION	TYPE OF WORK	TYPE OF FUNDING	FUNCTIONAL CLASS	FEDERAL FUNDS					ADOT REVIEW FEES	LOCAL MATCH FUNDS	LOCAL ADDTL FUNDS	PROJECT TOTAL
						FY16	FY17	FY18	FY19	FY20				
SURFACE TRANSPORTATION FUNDS (STP)														
LHV-12-104C /SS85901D	LHC/WACOG/LHMPO	Lake Havasu Ave, LHC	Construction	STP	Rural Prin Artrl	\$ -	\$ -	\$ 994,319	\$ -	\$ -	\$ -	\$ 59,800	\$ -	\$ 1,054,119
LHV-13-101C /SZ11403D	LHC/WACOG/LHMPO	Swanson Ave, LHC	Construction	STP	Urban Coll	\$ -	\$ -	\$ -	\$ 1,845,240	\$ -	\$ -	\$ 111,234	\$ -	\$ 1,956,474
TOTAL STP						\$ -	\$ -	\$ 994,319	\$ 1,845,240	\$ -	\$ -	\$ 171,034	\$ -	\$ 3,010,593
HIGHWAY SAFETY IMPROVEMENT PROGRAM FUNDS (HSIP)														
LHM-15-102C	Lake Havasu City	Sign Project Phase II, III, IV	Construction	HSIP	Varies	\$ 170,184	\$ 92,616	\$ 92,616	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 355,416
LHM-16-101D /F0029 01D	ADOT/LHMPO	SR95/Kiowa Ave, LHC	Design	HSIP	Urban Prin Other	\$ 299,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 299,000
LHM-16-101C	ADOT/LHMPO	SR95/Kiowa Ave, LHC	Construction	HSIP	Urban Prin Other	\$ -	\$ 376,040	\$ 532,743	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 908,783
TOTAL HSIP						\$ 469,184	\$ 468,656	\$ 625,359	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,563,199
RECREATIONAL TRAILS/AZ STATE PARKS														
LHM-16-102C	Friends of the Fair/Mohave County	Horizon Six Equestrian Trail, MC	Construction	Trails	Varies	\$ 28,856	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,493	\$ 39,349
TOTAL TRAILS						\$ 28,856	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,493	\$ 39,349
TRANSIT PROJECTS (5310)														
						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
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						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL TRANSIT (5310)						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

ADOT: Arizona Department of Transportation
LHMPO: Lake Havasu Metropolitan Planning Organization
WACOG: Western Arizona Council of Governments
LHC: Lake Havasu City
MC: Mohave County

Lake Havasu MPO
Federal Funding Allocations

LAKE HAVASU MPO ANNUAL FEDERAL ALLOCATIONS (Estimated)							
Surface Transportation Program (STP)							
	FY16	FY17	FY18	FY19	FY20	FY21	
Apportionment	\$ 302,770.00	\$ 302,770.00	\$ 302,770.00	\$ 302,770.00	\$ 302,770.00	\$ 302,770.00	
Obligation Authority*	\$ 287,328.73	\$ 287,328.73	\$ 287,328.73	\$ 287,328.73	\$ 287,328.73	\$ 287,328.73	
Transfer Obligation - WACOG	\$ 289,145.00	\$ 289,145.00	\$ 289,145.00	\$ 289,145.00	\$ 289,145.00	\$ -	
Total OA	\$ 287,328.73	\$ 287,328.73	\$ 287,328.73	\$ 287,328.73	\$ 287,328.73	\$ 287,328.73	
Net OA Available	\$ (1,816.27)	\$ (1,816.27)	\$ (1,816.27)	\$ (1,816.27)	\$ (1,816.27)	\$ 287,328.73	
Highway Safety Improvement Program (HSIP)							
Apportionment	\$ 519,767.00	\$ 519,767.00	\$ 519,767.00	BECOMES COMPETITIVE PROCESS			
Obligation Authority*	\$ 493,258.88	\$ 493,258.88	\$ 493,258.88				
Programmed	\$ 469,184.00	\$ 468,656.00	\$ 625,399.00				
Loan In (OA)**	\$ -	\$ -	\$ 156,743.00				
Transfer Out (OA)***	\$ -	\$ -	\$ 532,783.00				
Total OA	\$ 493,258.88	\$ 493,258.88	\$ 650,001.88				
Net OA Available	\$ 24,074.88	\$ 24,602.88	\$ 24,602.88				
* For FY16 the OA Rate is 94.9% and is subject to change each year							
**Loan Repayment from WACOG							
***Transfer to ADOT for SR95/Kiowa Project							

Lake Havasu MPO
Planned Future Projects Mid-Term

PROJECT	FUNDING TYPE	DESCRIPTON	AMOUNT	ENTITY
Alternative Bridge Crossing to Island	SPR (?)	Feasibility study for 2nd Multimodal Bridge to Island	\$50K - \$100K	LHMPO/ADOT/LHC
Phase I Bicycle Striping & Signage	TA	Bicycle striping & signage	\$380,000	LHC/ADOT
McCulloch Blvd N: SR-95 to Jamaica Blvd		4.3 Miles (\$107,500)		
Lake Havasu Ave: Palo Verde Blvd S to Jamaica Blvd S		2.5 Miles (\$62,500)		
Jamaica Blvd S: Lake Havasu Ave to Kiowa Blvd S		4.9 Miles (\$122,500)		
Palo Verde Blvd S: Kiowa Blvd N to Lake Havasu Ave N		2.1 Miles (\$52,500)		
Kiowa Blvd S: Jamaica Blvd N to Palo Verde Blvd S		1.4 Miles (\$35,000)		
Lake Havasu Ave – Mesquite to Mulberry (Smoketree ?)	SPR	Conduct Traffic Study	\$80,000	LHMPO
Phase I Sidewalk Project	TA	Build Sidewalks	\$330,000	LHC/ADOT
Acoma Blvd W: Lake Havasu Ave N to Havasupai Blvd		.9 Miles (\$135,000)		
Acoma Blvd S: Paso Dr to Tonto Dr		.3 Miles (\$45,000)		
Palo Verde Blvd S: Hummingbird Dr to Starlite Ln		.2 Miles (\$30,000)		
Jamaica Blvd S: Monte Carlo Ave to Tahiti Ln		.2 Miles (\$30,000)		
Jamaica Blvd S: Power Dr to Chemehuevi Blvd		.1 Miles (\$15,000)		
Thunderbolt Ave: Roanoke Dr to Broken Arrow Dr		.3 Miles (\$45,000)		
London Bridge Rd: Alley 22 to Palo Verde Blvd S		.2 Miles (\$30,000)		
SR95 & Pima Wash Trail to Aquatic Center	TBD	Pedestrian Crossing Study	\$250,000	ADOT
Traffic Study	TBD	SR95 - Mesquite to Mulberry/London Bridge Rd to McCulloch S.	TBD	ADOT/LHMPO
Conduct Roadway Safety Assessments			TBD	LHMPO/ADOT/LHC
SR-95 and Palo Verde Blvd N				
SR-95 and Mesquite Ave				
SR-95 and Swanson Ave				
SR-95 and Smoketree Ave				
SR-95 and Mulberry Ave				
SR-95 and Oro Grande Blvd				
SR 95 MP 178 to MP 190 (Various Sections)	TBD	Major Pavement Rehabilitation	\$25K-\$150 Per Mile	ADOT
London Bridge Rd	STP/CIP	Major Pavement Rehabilitation	TBD	LHMPO/MC/LHC
Unincorporated Mohave County - Between City Limits				
Sailing Hawks to South of Arnold Palmer Dr.				
West of Showplace to SR95				

Lake Havasu MPO
Planned Future Projects Mid-Term

PROJECT	FUNDING TYPE	DESCRIPTON	AMOUNT	ENTITY
Conduct Roadway Safety Assessments				
Mesquite Ave and Riviera Dr	TBD		TBD	LHC
Lake Havasu Ave N and Acoma Blvd W	TBD		TBD	LHC
New Trail on the Island	Trails Grant	Construct new trail 1.3 Miles	\$26,000	LHC/ADOT Trails
El Dorado Wash Trail Extension	Trails Grant	Construct new trail 2 components 2.8 & 1.3 Miles	\$82,000	LHC/ADOT Trails
City Roadway Projects				
Acoma Blvd S: Daytona Ave to Saratoga Ave	CIP	Widen road to 4-Lanes with a center turn lane	\$500K - \$1M	LHC
Palo Verde Blvd S: Acoma Blvd N to Kiowa Blvd S	CIP	Widen road to 4-Lanes with a center turn lane	Per Mile	LHC
Ride Share/ Van Pool Services-with Park & Ride Study	5305	Transit - Study	\$40K-\$80K	LHMPO
Provide comprehensive information-about transportation service options	IP	Transit/Havasu Mobility	0	LHC
Identify potential regional routes	TBD	Transit	TBD	LHC
Build partnerships with other transportation providers in the region	IP	Transit/Havasu Mobility	0	LHC
Investigate options for regional transit mgmt, working with Bullhead City & Kingman, for joint operations	5305	Transit - Study	TBD	LHMPO/Entities
Provide current transportation service to the same constituents (demand response service to the elderly, disable and low income population) but with:	IP	Transit/Havasu Mobility	0	LHC
• longer hours of service (7 am to 7 pm)				
• ability to reliably reserve rides the day before service is needed				

All dollar amounts are estimates

IP: In Process

LHC: Lake Havasu City

LHMPO: Lake Havasu Metropolitan Planning Organization

ADOT: Arizona Department of Transportation

Entities: Lake Havasu City, Kingman, Bullhead & Mohave County

TBD: To be determined

CIP: Capital Improvement Program

TA: Transportation Alternatives Funding

Section 5305: FTA Section 5305 Transit Funding

SPR: State Planning & Research Funds

STP: Surface Transportation Program Funds

Lake Havasu MPO
Planned Future Projects - Long Term

PROJECT	FUNDING TYPE	DESCRIPTON	AMOUNT	ENTITY
Phase II Bicycle Striping & Signage	TA	Bicycle striping & signage	\$325,000	LHC/ADOT
McCulloch Blvd S: Jamaica Blvd to SR-95		4.4 Miles (\$110,000)		
Kiowa Blvd N: Jamaica Blvd to Lake Havasu Ave N		5.7 Miles (\$142,500)		
Palo Verde Blvd S: Kiowa Blvd S to Kiowa Blvd N		2.1 Miles (\$52,500)		
Smoketree Ave N: Pima Dr to Kiowa Blvd S		.8 Miles (\$20,000)		
Phase III Bicycle Striping & Signage	TA	Bicycle striping & signage	\$262,500	LHC/ADOT
Palo Verde Blvd N: Aviation Dr to N. Kiowa Blvd N		4.1 Miles (\$102,500)		
Thunderbolt Ave: Chemehuevi Blvd to Oro Grande Blvd		1.2 Miles (\$30,000)		
Havasupai Blvd: Acoma Blvd N to Kiowa Blvd N		1.6 Miles (\$40,000)		
Lake Havasu Ave N: Kiowa Blvd N to Palo Verde Blvd S		1.4 Miles (\$35,000)		
Oro Grande Blvd: SR-95 to McCulloch Blvd S		2.2 Miles (\$55,000)		
Traffic Study Implementation	TBD	SR95 - Mesquite to Mulberry/London Bridge Rd to McCulloch Blvd South	TBD	ADOT/LHMPO
SR-95 and Pima Wash Trail/Aquatic Center	TBD	Implement Findings from Pedestrian Crossing Study	TBD	ADOT
Implement Study Findings from Traffic Study	TBD	Lake Havasu Ave – Mesquite to Mulberry (Smoketree (?))	TBD	LHC
SR-95 Realignment / Alternative Emergency Route	TBD	Conduct feasibility study for SR-95 realign with potential interchanges at Bentley, Bison, Cherry Tree, Arizona Blvd	TBD	LHC/ADOT
Havasupai Wash Trail: Palo Verde Blvd N to Lake Shore Trail (north)	CIP/Trails Grant	Construct New Trail - 3.9 Miles	\$78,000	LHC/Trails
El Dorado Wash Trail: Pima Wash Trail to Powerline Trail-align	“	Construct New Trail - 2.8 Miles	\$56,000	LHC/Trails
Chemehuevi Wash Trail: McCulloch Blvd N to SR-95	“	Construct New Trail - 2.5 Miles	\$50,000	LHC/Trails
Lake Shore Trail (north): City Limits to Shoreline Promenade	“	Construct New Trail - Two Components 4.0 & 5.7 Miles	\$ 194,000	LHC/Trails
Lake Shore Trail (south): Rotary Park to SR-95	“	\$20,000 per mile		
City Roadway Projects			\$500K - \$1M	LHC
Acoma Blvd S: Saratoga Ave to SR-95	CIP	Widen road to 4-Lanes with a center turn lane	Per Mile	LHC
Palo Verde Blvd S: SR-95 to Acoma Blvd N	CIP	Widen road to 4-Lanes with a center turn lane	Per Mile	LHC
Jamaica Blvd S: Lake Havasu Ave to Chemehuevi Blvd	CIP	Widen road to 4-Lanes with a center turn lane	“	LHC
Lake Havasu Ave N: Palo Verde Blvd S to Industrial Blvd	CIP	Widen road to 4-Lanes with a center turn lane	“	LHC

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Section 5305: FTA Section 5305 Transit Funding

SPR: State Planning and Research Funding