

LHMPO
TRANSPORTATION IMPROVEMENT PROGRAM
 Fiscal Year 2018-2022

TIP ID # /TRACS#	SPONSOR	PROJECT NAME/LOCATION	TYPE OF WORK	TYPE OF FUNDING	FUNCTIONAL CLASS							LOCAL MATCH FUNDS	LOCAL ADDTL FUNDS	PROJECT TOTAL
						FY17	FY18	FY19	FY20	FY21	FY22			
SURFACE TRANSPORTATION FUNDS (STP)														
LHV-12-104C /SS85901D	LHC/WACOG/LHMPO	Lake Havasu Ave, LHC	Construction	STP	Rural Prin Artrl	\$ -	\$ 989,319	\$ -	\$ -			\$ 59,800	\$ -	\$ 1,049,119
LHV-12-104C /SS85901D	LHC/WACOG/LHMPO	Lake Havasu Ave, LHC	Construction	LTAP			\$ 5,000							\$ 5,000
LHV-13-101C /SZ11403D	LHC/WACOG/LHMPO	Swanson Ave, LHC	Construction	STP	Urban Coll	\$ -	\$ -	\$ 1,840,240	\$ -			\$ 111,234	\$ -	\$ 1,951,474
LHV-13-101C /SZ11403D	LHC/WACOG/LHMPO	Swanson Ave, LHC	Construction	LTAP				\$ 5,000						\$ 5,000
TOTAL STP & LTAP						\$ -	\$ 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	\$ 133,730	\$ 107,616	\$ -	\$ -			\$ -	\$ -	\$ 241,346
LHM-15-102C	Lake Havasu City	Sign Project Phase II, III, IV	Construction	HSIP	Varies	\$ -	\$ 56,114	\$ -	\$ -			\$ -	\$ -	\$ 56,114
LHM-16-101D&C /F0029 01D	ADOT/LHMPO	SR95/Kiowa Ave, LHC	Design/Construction	HSIP	Urban Prin Other	\$ -	\$ 952,925	\$ -	\$ -			\$ -	\$ -	\$ 952,925
LHM-16-101C	ADOT/LHMPO	SR95/Kiowa Ave, LHC	Construction	HSIP	Urban Prin Other	\$ -	\$ 44,142	\$ -	\$ -			\$ -	\$ -	\$ 44,142
TOTAL HSIP						\$ 133,730	\$ 1,160,797	\$ -	\$ -			\$ -	\$ -	\$ 1,294,527
TRANSIT PROJECTS (5310)														
LHM-17-111	New Horizons	FTA Vehicle Award	Cutaway Van w/Lift	5310	N/A	\$ 63,342	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,038	\$ -	\$ 70,380
LHM-17-112	New Horizons	FTA Vehicle Award	Cutaway Van w/Lift	5310	N/A	\$ 63,342	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,038	\$ -	\$ 70,380
LHM-17-113	New Horizons	FTA Vehicle Award	Minivan w/Ramp	5310	N/A	\$ 42,687	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,743	\$ -	\$ 47,430
LHM-17-114	New Horizons	FTA Vehicle Award	Minivan w/Ramp	5310	N/A	\$ 42,687	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,743	\$ -	\$ 47,430
LHM-17-115	ACHIEVE	FTA Vehicle Award	12 Passenger Van no/lift	5310	N/A	\$ 28,917	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,213	\$ -	\$ 32,130
LHM-17-116	ACHIEVE	FTA Vehicle Award	12 Passenger Van no/lift	5310	N/A	\$ 28,917	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,213	\$ -	\$ 32,130
LHM-17-117	Milemarkers Therapy	Operating	Operating	5310	N/A	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 50,000
LHM-17-119	Milemarkers Therapy	FTA Vehicle Award	Cutaway Van w/Lift	5310	N/A	\$ 63,342	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,038	\$ -	\$ 70,380
TOTAL TRANSIT (5310)						\$ 358,234	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,026	\$ -	\$ 420,260

ADOT: Arizona Department of Transportation

LHMPO: Lake Havasu Metropolitan Planning Organization

WACOG: Western Arizona Council of Governments

LHC: Lake Havasu City

MC: Mohave County

Local Additional Funds: Applicable to the Agency Awarded

Lake Havasu MPO
Federal Funding Allocations

LAKE HAVASU MPO ANNUAL FEDERAL ALLOCATIONS (Estimated)							
Surface Transportation Program (STP)							
	FY18	FY19	FY20	FY21	FY21	FY22	
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	\$ -	\$ -	\$ -	
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)	\$ 287,328.73	\$ 287,328.73	\$ 287,328.73	
Highway Safety Improvement Program (HSIP)							
Apportionment	\$ 519,767.00	BECOMES COMPETITIVE PROCESS					
Obligation Authority*	\$ 479,476.88						
Programmed	\$ 640,359.00						
Loan/Transfer In (OA)**	\$ 171,743.00						
Loan/Transfer Out (OA)***	\$ 532,783.00						
Total OA	\$ 651,219.88						
Net OA Available	\$ 10,860.88						
* For FY16 the OA Rate is 94.9% and is subject to change each year							
**Loan Repayment from WACOG/Transfer from ADOT							
***Transfer to ADOT for SR95/Kiowa Project/LHC Sign Project							

Lake Havasu MPO
Planned Future Projects Mid-Term

PROJECT	FUNDING TYPE	DESCRIPTON	AMOUNT	ENTITY
Pedestrian Hybrid Beacon at Acoma Blvd/Pima Drive	HSIP	HAWK to improve pedestrian safety	\$ 315,000	LHC
McCulloch Blvd. East (Acoma to SR95 S)	HSIP	Construction of a traffic calming feature	\$ 559,640	LHC
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/HSIP	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-LHC CIP	Conduct Traffic Study	\$80,000	LHMPO/LHC
Phase I Sidewalk Project	TA/HSIP	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				

Table 3

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 - MOVED TO LONG TERM (LT)	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 - MOVED TO LT	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/Havasus Mobility	0	LHC
Identify potential regional routes	TBD	Transit	TBD	LHC
Build partnerships with other transportation providers in the region	IP	Transit/Havasus 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/Havasus 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

HSIP: Highway Safety Improvement Program

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
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

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