

DEPARTMENT OF TRANSPORTATION | STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)
FFY 2019 THRU FFY 2022 (FFY 2023-2024 Informative Only) D R A F T UNCONSTRAINED
Revision Effective Date: April 19, 2018 July 12, 2018

Project Criteria Color Key: **GREEN** = System Preservation **PURPLE** = Safety Improvements **BROWN** = Congestion Mitigation
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PROJECT	PHASE	FFY2019 (10/1/18 - 9/30/19)	FFY2020 (10/1/19 - 9/30/20)	FFY2021 (10/1/20 - 9/30/21)	FFY2022 (10/1/21 - 9/30/22)	FFY2023 (10/1/22 - 9/30/23)	FFY2024 (10/1/23 - 9/30/24)	Survey Results											
		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Grand Total	High			Medium			Low			
										Total	Paper	Online	Total	Paper	Online	Total	Paper	Online	
KAUAI : STATE - FHWA																			Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11
KS1. Bridge and Pavement Improvement Program, Kauai								8	8		8	0				0			
SysPres	CON	8,500	8,500	8,500	8,500	8,500	8,500												
<i>Estimated Total Project Cost - \$67,200,000 --System maintenance of highway bridges and pavements. Work may include bridge and/or pavement reconstruction, resurfacing, restoration, rehabilitation and/or preservation. Yearly lump sum amounts represent total State Special Maintenance Program (SMP) funding levels anticipated for Kauai program. The SMP is a program that funds individual repair or maintenance projects that do not normally occur annually. SMP funds have funded resurfacing and pavement and bridge preservation projects (System Preservation). The current list of prioritized proposed SMP projects has been posted on the STIP website at: http://hidot.hawaii.gov/highways/other/other-related-links/stip/.</i>																			
<i>Qualified and priority SMP projects could receive federal funds should they become available.</i>																			
KS2. Guardrail and Shoulder Improvements on State Highways, Kauai								8	3		3	3		3	2			2	
Safety	Part 5	PE1																	
		PE2	50																
		CON	2,000																
		ADVCON		0															
	Part 6	PE		500															
		CON			2,000														
	Part 7	PE			500														
		CON				2,000													
Redistributed federal funds for Part 5 CON and added ADVCON funding in FFY 2020 for financial constraint.																			
<i>Estimated Total Project Cost - \$3,300,000 -- Improve guardrails and shoulders at various locations.</i>																			

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										Total	Paper	Online	Total	Paper	Online	Total	Paper	Online			
KS3. Kapule Highway / Rice Street / Waapa (RTE 51) Road, Improvements and Nawiliwili Bridge Replacement													Paper Surveys - 2			Online Surveys - 9			Total Surveys - 11		
SysPres	CON		6,000					9	4	1	3	3	3	2	2						
	ADVCON			0																	
<i>Redistributed federal funds for CON and added ADVCON funding in FFY 2021 for financial constraint.</i>																					
<i>Estimated Total Project Cost - \$5,440,000 -- Strengthen/widen existing Nawiliwili Bridge. Implement drainage improvements and safety improvements including new signing and striping and guardrails. Improve roadway approach to the bridge.</i>																					
KS5. Kaumualii Highway (RTE 50), Bridge Replacement, Omao Bridge																					
SysPres	CON			15,000				8	2		2	6	6	0							
	ADVCON				0	0															
<i>Redistributed federal funds for ADVCON with additional federal reimbursement added in FFY 2023 for financial constraint.</i>																					
<i>Estimated Total Project Cost - \$8,000,000 -- Rehabilitation of concrete T-girder bridge on Kaumualii Hwy in the vicinity of Omao Road.</i>																					
KS6. Kuhio Highway (RTE 56), Bridge Replacement, Kapaia Bridge																					
SysPres	CON		11,275					9	3		3	6	1	5	0						
	ADVCON			0	0																
<i>Redistributed federal funds for ADVCON with additional federal reimbursement added in FFY 2022 for financial constraint.</i>																					
<i>Estimated Total Project Cost - \$13,000,000 -- Replacement of a multi-T beam reinforced concrete girder on Kuhio Hwy in the vicinity of Kapaia.</i>																					
KS7. Kuhio Highway (RTE 560), Bridge Rehabilitation, Wainiha Stream Bridges #1, #2, #3, Phase 2 - Bridge work																					
SysPres	CON	30,000						9	4	1	3	4	4	1	1						
<i>Estimated Total Project Cost - \$25,300,000 -- Repair/rehabilitate existing bridges. 2015 CON funds to procure a Construction Management General Contractor (CMGC) to provide construction related input as the designer prepares the designs.</i>																					

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KS8. Kuhio Highway (RTE 560), Bridge Rehabilitation, Waioli, Waipa, and Waikoko Stream Bridges								9	5	1	4	3		3	1			1
SysPres	ROW	630 0																
	Phase 2 - Bridge work																	
	CON			12,000 0														
Project will be deleted from the 2019-2022 STIP. It will proceed without regular federal-aid funding.																		
<i>Estimated Total Project Cost - \$11,000,000 -- Rehabilitate existing bridges.</i>																		
KS9. Kuhio Highway (RTE 56), Bridge Repair, Hanalei Bridge								9	5	1	4	4		4	0			
SysPres	CON						6,000											
<i>Estimated Total Project Cost - \$6,500,000 - Replace remove and replace deteriorated steel as well as the deteriorated paint system on this historic bridge.</i>																		
KS10. Kuhio Highway (RTE 56), Bridge Repair, Wailua River Bridge								8	5		5	2		2	1			1
SysPres	CON						4,000											
<i>Estimated Total Project Cost - \$4,500,000 - Replace deteriorated steel supports and all bearing areas of the bridge. Replace deteriorated concrete as well as bearings.</i>																		
KS11. Kuhio Highway (RTE 56) Emergency Slope Stabilization, Kalihiwai Bridge								9	5	1	4	3		3	1			1
SysPres	ADVCON	0	0	0	0													
Redistributed federal funds for ADVCON with additional federal reimbursement added in FFY 2021-2022 for financial constraint.																		
<i>Estimated Total Project Cost - \$15,000,000 - Slope stabilization including clearing trees, removing loose rocks, installing rock anchors and installing shielding for motorists.</i>																		

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KS12. Kuhio Highway (RTE 56) Improvements, Kapaa Solutions (Priority #2),								10												
Modern Vicinity of Kapule Highway to Vicinity of Wailua Bridge																				
	PE1		750																	
	PE2			1,125																
	ROW				18,200 -->	18,200														
	CON					21,500 -->	21,500													
Defer both ROW and CON one year because it was reprioritized for financial constraint.																				
<i>Estimated Total Project Cost - \$45,000,000 - The purpose of this project is to reduce congestion and improve mobility in the Kapaa area.</i>																				
KS13. Kuhio Highway (Route 56), Short Term Improvements, Kuamoo Road to Temporary Bypass Road								10												
Congest	ADVCON	0	0	0																
Redistributed federal funds for ADVCON with additional federal reimbursement added in FFY 2021 for financial constraint.																				
<i>Estimated Total Project Cost - \$20,000,000 -- Improvements to Kuhio highway likely to include but are not limited to, repaving, widening the roadway to accomodate a new southbound lane, improving operating conditions of existing intersections, and improving existing auxiliary turn lanes.</i>																				
KS14. Kuhio Highway (RTE 56) Traffic Signal Optimization and Intersection Improvements, Kapaa Solutions (Priority #3)								10												
Congest	CON		1,480																	
<i>Estimated Total Project Cost - \$2,000,000 - Improve intersection operations in order to provide additional capacity.</i>																				
KS15. National Recreational Trails Program - Kauai (DLNR)								9												
Enhance	CON	314	314	314	314	314	314													
<i>Estimated Total Project Cost - \$1,900,000 -- A Federal-aid assistance program to help the State provide and maintain recreational trails for both motorized and non-motorized recreational use. Anticipated funding for Kauai program.</i>																				

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KS16. Waimea Canyon Drive/Kokee Road Improvements, Phase 2A (MP 4-8)								10									Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11								
Safety	CON				5,000																				
	ADVCON					0																			
<i>Redistributed federal funds for CON and added ADVCON funding in FFY 2023 for financial constraint.</i>																									
<i>Estimated Total Project Cost - \$5,500,000 - Improvements include constructing paved shoulders, installing guardrails, pavement markings, signs and other improvements.</i>																									
KAUAI : STATE - FHWA TOTAL		40,864	28,819	26,939	14,314	29,014	40,314																		
COUNTY OF KAUAI - FHWA																									
KC1. Anini Bridge #2 Replacement								9																	
SysPres	DES		500																						
	CON						3,000																		
<i>Estimated Total Project Cost - \$3,500,000 -- Replace existing double box culvert and temporary one-lane precast panel bridge with a new structure. Demolish existing bridge, construct temporary bypass bridge, construct new two-lane bridge and possibly paved shoulders; relocate utilities.</i>																									
KC2. Bridge Inspection and Appraisal								9																	
SysPres	OPR		125		125		125																		
<i>Estimated Total Project Cost - \$375,000 -- Inspection of various bridges throughout the County. FHWA Requirement. This is a regularly scheduled program.</i>																									

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										Total	Paper	Online	Total	Paper	Online	Total	Paper	Online										
KC3. Haleko Road (Route 5040) Improvements								8									Paper Surveys - 2			Online Surveys - 9			Total Surveys - 11					
SysPres	DES			400					4	1	3			2		2	2											
	CON						3,000																					
<i>Estimated Total Project Cost - \$3,400,000 -- Project Limits are full length of Haleko Road; Resurface and Reconstruct pavement as needed; widen roadway to construct on-road bike lanes, construct a sidewalk on one side of the road where no sidewalk exists; add crosswalks as needed to service new sidewalk; add/improve turn lanes as needed.</i>																												
KC4. Hanapepe Road (Rte 545) Resurfacing								8																				
SysPres	CON		3,900 -->	3,900					3	1	2			5		5	0											
	ADVCON						0																					
<i>Defer CON one year and add ADVCON funding in FFY 2022 due to reprioritization for financial constraint.</i>																												
<i>Estimated Total Project Cost - \$3,200,000 -- Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclamation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.</i>																												
KC5. Improvements to Maluhia Rd. (RTE 520) and Kōloa Rd. (RTE 530)								8																				
SysPres	ADVCON	0	0						4	1	3			4		4	0											
<i>Redistributed federal funds for ADVCON with additional federal reimbursement added in FFY 2020 for financial constraint.</i>																												
<i>Estimated Total Project Cost - \$13,000,000 -- Part of an ongoing roadway and street maintenance program.</i>																												
<i>Work proposed for this phase will involve rehabilitation and resurfacing of the pavement of Maluhia Road and Koloa Road, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening these roads, to better serve all users and provide support for the pavement. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage.</i>																												

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KC6. Kamalu Road (Route 581) Improvements								Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11									
SysPres																	
	DES				900												
	CON						6,000										
<i>Estimated Total Project Cost - \$6,900,000 -- Resurface pavement (and Reconstruct as needed) the full length of Kamalu Road; widen roadway to provide paved shoulders, 5 feet wide where feasible; replace one-lane bridge at Kalama Stream with a two-lane bridge with appropriate bridge railing and approach guardrail; construct other safety improvements.</i>																	
KC7. Kawaihau Road (Route 5860) Improvements								Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11									
SysPres																	
	DES			600													
	CON						5,000										
<i>Estimated Total Project Cost - \$5,600,000 -- Project Limits are from Hauaala Road to Ka'apuni Road and Kapahi Park - The project includes construction of the following: pavement resurfacing and reconstruction; widened and/or new sidewalks; shoulder widening; intersection improvements including left turn lanes and crosswalks.</i>																	
KC8. Kawaihau Road (Route 5860), Hauaala Road (Route 5865), Mailihuna Road (Route 5870),								Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11									
Safety Complete Street & Safety Improvements																	
	CON	3,183															
	ADVCON		0														
Redistributed federal funds for CON and added ADVCON funding in FFY 2020 for financial constraint.																	
<i>Estimated Total Project Cost - \$3,435,000 -- Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Mailihuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk construction on Mailihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).</i>																	

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										Total	Paper	Online	Total	Paper	Online	Total	Paper	Online							
KC9. Kekaha Road (Route 551) Improvements								9									Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11								
SysPres	DES			800					4	1	3	4		4	1		1								
	CON					5,000																			
<i>Estimated Total Project Cost - \$5,800,000 -- Project Limits Kaunualii Highway to Amakihi Street -- Resurface pavement (and Reconstruct as needed); construct shared use path on mauka side (1.8 miles); reconstruct broken sidewalks and add additional sidewalks on the makai side.</i>																									
KC10. Kilauea Road and Kolo Road (Route 562) Resurfacing and Multi-Modal Access								10																	
SysPres	PE2	350							5	2	3	3		3	2		2								
	CON			9,000																					
	ADVCON				0																				
Redistributed federal funds for CON and added ADVCON funding in FFY 2022 for financial constraint.																									
<i>Estimated Total Project Cost - \$9,680,000 -- The project includes construction of the following: pavement resurfacing and reconstruction; new sidewalks and sidewalk repair; new crosswalks; widening and extension of a shared use path; shoulder widening; intersection improvements including a mini-roundabout at the Kolo Road/Kilauea Road intersection.</i>																									
COMMENT - Request County begin work on Kilauea Road bypass. - Thank you for the comment. It has been forwarded to the County of Kauai's Department of Public Works for their information/action.																									

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KC11. Lihue-Anahola Coastal Bike Path																	
Enhance	Phase III - Lydgate Park to Kapaa Bike/Pedestrian Path, Phase C & D							9	6	1	5	1		1	2		2
	CON	1,091															
<i>A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles. The bike/pedestrian path will be 10 to 12 feet wide and allow movement in both directions.</i>																	
	Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path, Phase A - Ahukini Landing to Hanamaulu Beach Park																
	ROW	100						1	1	1		0			0		
	PE2		1,179														
	CON					8,041											
	Phase IV - Ahukini to Lydgate Park Bike/Pedestrian Path, Phase B - Hanamaulu Beach Park to Wailua Golf Course																
	ROW	100						1	1	1		0			0		
	PE2		840														
	CON				4,288	288											
	ADVCON					4,000											
<i>Redistributed federal funds for CON and added ADVCON funding in FFY 2023 for financial constraint.</i>																	
<i>The 10' to 12' wide 6' thick 5.3 mile concrete path from Ahukini Pt., connecting with an existing path at Lydgate Park.</i>																	
<i>A future phase C will go from Wailua Golf Course to Lydgate Park and cost \$9.5 million.</i>																	
	Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path, Phase A - Ninini Point to Ahukini																
	PE2				1,945	1,400		1	0			1	1		0		
	ROW		424	<--	<--	424											
	CON					4,500											
<i>Update PE2 estimate and advance ROW two years to reflect most current estimate and project schedule.</i>																	
	Phase VI - Nāwiliwili to Ahukini Bike/Pedestrian Path, Phase B - Ninini Point to Nawiliwili Beach Park																
	PE2					1,061		1	0			1	1		0		
<i>Path development will consist of a 10 to 12-foot wide concrete shared-use coastal path constructed of various low-maintenance materials. Bike lane and sidewalk improvements to existing and planned street corridors will provide additional connectivity through urban areas.</i>																	
<i>Estimated Total Project Cost - \$50,500,000 -- Complete Lihue - Anahola Coastal Bike Path, a shared use path.</i>																	

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		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Grand Total	High			Medium			Low				
										Total	Paper	Online	Total	Paper	Online	Total	Paper	Online		
KC12. Moi Road (Route 543) Resurfacing and Sidewalks								9									Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11			
SysPres	DES			300																
	CON					3,500														
<i>Estimated Total Project Cost - \$3,800,000 -- Resurface and reconstruct pavement as needed, along the full length of Moi Road; construct sidewalk on the east side where there is no sidewalk; add shoulders both sides between Kaumuali'i Highway and Kane St.</i>																				
KC13. Olohena Road (RTE 581), Kukui Street (RTE 581), and Ulu Street (RTE 5805) Improvements								10												
SysPres	CON	7,000																		
	ADVCON			0																
<i>Estimated Total Project Cost - \$7,700,000 -- The project includes construction of the following: rehabilitation and resurfacing of the pavement of the project roads, which exhibit cracked and delaminated pavement as well as base failure. The work also includes shoulder widening on Kukui Street and Olohena Road where feasible, to better serve all users and provide support for the pavement. Between Kuhio Highway and the Kapaa Bypass, is proposed on one side, and the proposed paved shoulders are intended to be marked as bicycle lanes. The work also includes drainage improvements in areas that exhibit erosion and inadequate drainage.</i>																				

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		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Grand Total	High			Medium			Low									
										Total	Paper	Online	Total	Paper	Online	Total	Paper	Online							
KC14. Poipu Road (Route 520) Multimodal Improvements, Phase 1 - Lawai Road to Keleka Road								9									Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11								
Enhance	CON		5,200					4	1	3	3		3	2		2									
	ADVCON			0																					
Redistributed federal funds for CON and added ADVCON funding in FFY 2021 for financial constraint.																									
Poipu Road (Route 520) Multimodal Improvements, Phase 2 - Koloa Road to Lawai Road								9																	
	CON			4,080 -->	4,080			2		2	6	1	5	1		1									
	ADVCON					0																			
Deferred CON one year and redistributed the federal funds for CON; and added ADVCON funding in FFY 2023 for financial constraint.																									
<i>Estimated Total Project Cost - \$9,500,000 -- Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping</i>																									
KC15. Puhi Road (Route 5010) Rehabilitation, Phase 2 - Kaneka Street to S. Haleukana Street (MP 0.35 to 0.80)								9																	
SysPres	CON				3,714 -->	3,714		2		2	6	1	5	1		1									
	ADVCON																								
Deferred CON one year for financial constraint.																									
<i>Estimated Total Project Cost - \$7,100,000 -- Rehabilitate Puhi Road. Phase 1 was from Kaumualii Hwy (MP 0.00) to Kaneka St. Phase 2 will rehabilitate Puhi Road from Kaneka Street to South Haleukana Street intersection (MP 0.35 to MP 0.80), pavement widening, incorporating Complete Streets principles, and replacing pavement markers, striping, and traffic signs.</i>																									

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		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Grand Total	High			Medium			Low		
										Total	Paper	Online	Total	Paper	Online	Total	Paper	Online
KC19. Safe Routes to School Program (SRTS)								Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11										
Enhance								Not included at the time the survey was developed.										
2014 Awards																		
1. King Kaumualii School SRTS, Phase 1																		
CON		450																
2. Koloa Safe Routes, Phase 2																		
CON	680																	
2016 Awards																		
3. Kalaheo School SRTS, Phase 1																		
PE2	15																	
CON		410																
<i>Estimated Total Project Cost - ~\$1.5 million/year -- SRTS is an international effort to increase safety and promote walking and bicycling to/from school.</i>																		
<i>Eligible SRTS projects and activities shall directly support increased safety and convenience for students in grades K-8 to walk and/or bicycle to/from school.</i>																		
KC16. Waimea to Kekaha Shared Use Path, Phase I								9	5	1	4	1	1	3	3			
Enhance																		
PE2		400																
CON					2,000													
ADVCON						0												
Redistributed federal funds for CON and added ADVCON funding in FFY 2023 for financial constraint.																		
<i>Estimated Total Project Cost - \$4,500,000 -- Construction of a Shared Use Path along the mauka side of Kaumualii Highway, between Carl Furutani Street in Waimea and Alae Road in Kekaha. Phase II of the path is proposed to be constructed along with Kekaha Road improvements.</i>																		
COUNTY OF KAUAI - FHWA TOTAL		12,519	9,528	15,000	7,105	25,316	21,625											

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		TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	TOTAL (x\$1000)	Grand Total	High			Medium			Low				
										Total	Paper	Online	Total	Paper	Online	Total	Paper	Online		
COUNTY OF KAUAI - FTA																				Paper Surveys - 2 Online Surveys - 9 Total Surveys - 11
KC17. Bus and Bus Facility								10												
Transit	EQP	590	609	627	646				4	2	2	4		4		2				
<i>Estimated Total Project Cost - \$3,400,000 -- Capital projects to replace, rehabilitate and purchase buses, vans, and related equipment, and to construct bus-related facilities.</i>																				
KC18. Rural Transportation Program								10												
Transit	OPR	2,298	2,368	2,440	2,514				5	2	3	3		3		2				
<i>Estimated Total Project Cost - \$13,160,000- -- Planning, capital, operating, job access and reverse commute projects, and the acquisition of public transportation services.</i>																				
COUNTY OF KAUAI - FTA TOTAL		2,888	2,977	3,067	3,160	0	0													

Additional comments may be submitted to us at the end of the night or mail it or fax it by August 17, 2018 to:

Hawaii Department of Transportation
 Highways Division
 869 Punchbowl Street, Room 301
 Honolulu, Hawaii 96813
 Attn: 19-22 STIP

Email: hwy.stip.projects@hawaii.gov

Fax: 808-587-1787

STIP information is posted on our website: <http://hidot.hawaii.gov/highways/other/other-related-links/stip/>