

Constructed (Ready for Pavement) October 2016- September 2017

Unit		Collector Road	Total Paved	Street	Length of Unpaved Road Measured by Feet	Homes	Feet Between Homes Being Paved	Avg Home Density of Roads to be paved serviced by feeder	Previous 5 Year Planned Date to Pave	Bus Route Y/N	Comments
1	CI	Collector	750	Olaa	950	5	190	108	2016/2017	No	Completed & Transferred to City
1	CI		750	Pahala Ct	750	12	63		2016/2017	No	Completed & Transferred to City
1	CI		650	Homonu Ct	650	5	130		2016/2017	No	Completed & Transferred to City
1	WD/CT	Feeder	1100	Papaloa Lane	1100	10	110	88	2016/2017	No	Ready For Chip Seal Spring 2018
1	WD/CT		220	Pele Ct	220	5	44		2016/2017	No	Ready For Chip Seal Spring 2018
5	WD/CT		1800	Lamaloo	4225	11	164		2016/2017	No	Ready For Chip Seal Spring 2018
2	WD/CT		1440	Kanaio	1440	25	58		2016/2017	No	Ready For Chip Seal Spring 2018
2	WD/CT		2120	Kaupo	2120	20	106		2016/2017	No	Ready For Chip Seal Spring 2018
4	WD/CT		2120	Konahuanui Lane	2120	13	163		2016/2017	No	Ready For Chip Seal Spring 2018
3	WD/CT		1700	Haliimaile	1700	25	68		2018/2019	No	Pulled in to preserve FEMA/Flood Damage
5	WD/CT		1700	Maunaloa	1700	11	155		2020/2021	No	Pulled in to preserve FEMA/Flood Damage
5	WD/CT		2400	Puu Waa Waa	2400	12	200		2020/2021	No	Pulled in to preserve FEMA/Flood Damage
3	WD/CT		1360	Kokomo	1360	26	52		Not Planned	No	Pulled in to preserve FEMA/Flood Damage --Paved needs touch up
Total			18110		Homes Paved	180					
WD/CT											
City						22	Completed				
Total						158	Chip Seal				
					Cost to Complete	\$ 100,000					

October 2017-September 2018 (Year 1 New Plan) Locked

Unit		Collector Road	Total Paved	Street	Length of Unpaved Road Measured by Feet	Homes	Feet Between Homes Being Paved	Avg Home Density of roads to be paved; serviced by feeder	Previous 5 Year Planned Date to Pave	Bus Route Y/N	Comments
1	WD/CT	Feeder	1640	Pahoiki Lane	1640	15	109	94	2017/2018	No	Committed. Off Kaanapali
1	WD/CT		160	Kou	160	3	53		2017/2018	No	Committed. Ct off Pahoiki
1	WD/CT		360	Kaliu	360	2	180				Last Street attached to Feeder
1	WD/CT		850	Kulua Ct	850	8	106		2017/2018	No	Committed. Off Kaanapali.
1	WD/CT		400	Kimo Ct	400	6	67		2017/2018	No	Committed. Off Kaanapali.

1	WD/CT		900	Ahumoa	900	7	129		2017/2018	No	Committed. Off Kaanapali.
2	WD/CT	Feeder	1450	Pahihi North	1450	8	181	61	2017/2018	No	Committed.
2	WD/CT		800	Kaena Lane	800	7	114		2017/2018	No	Committed. Off N. Pahihi
2	WD/CT		1320	Awehi Lane	1320	4	330				Finish Rd after spending \$170K on landslide
2				Koolua Dr	2090	7	299		2019/2020		
2				Haleakala Dr	2200	2	1100		Not planned		
2	WD/CT		800	Kaenapapa	800	5	160				Needs immdiate maintence good density
2				Laau Ct	650	4	163				Does Not Qualify due to not connected to county Road. Off Haleakala
2	WD/CT	Feeder	2430	S. Papawai Dr	2430	15	162	136	2017/2018	No	Committed
2	WD/CT		220	Koae Ct	220	3	73		2017/2018	No	Committed. Off Papawai
2	WD/CT		350	Huelo Ct	350	4	88		2017/2018	No	Committed. Off Papawai
4	WD/CT										
4	WD/CT										
3	WD/CT		500	Upola Ct	500	2	250				Add for Drainage Improvement From 2019/2020
			450	Haou	450	3	150				Finishes that area-- moved from 2019/2020
3	WD/CT		850	Ohana Ct	850	2	425				Added for Drainage Improvement
3	WD/CT		450	Paia Ct	450	6	75				2017 Interlocal w/ County For Drainage
Total			13930		Homes Paved	100					
WD/CT	2.64	miles			Homes with Improved Access	13					
CI	0.00	miles									
Total	2.64						\$ 605,000				

October 2018 - September 2019 (Year 2 New Plan) -- Locked

Unit		Collector Road	Total Paved	Street	Length of Unpaved Road Measured by Feet	Homes	Feet Between Homes Being Paved	Avg Home Density of Roads to Be Paved; serviced by feeder	Previous 5 Year Planned Date to Pave	Bus Route Y/N	Comments
2	WD/CT	Collector	1100	Pahalawe Lane	1100	4	275	226	2018/2019	Yes	Off Tahitian -
2			0	Alele	3150	13	242			Yes	Already Paved
2			0	Pukoo	1950	7	279				2021-2022

2	WD/CT		1740	Kaapahu	1740	11	158		2018/2019	No	Committed. Between Alele & Pahalawe
5	WD/CT	Feeder	900	Mokulua Lane	3230	10	90	256	2018/2019	1 stop	Bus goes down between Pohakuloa and Waikakaaua. Pave only between those 2 streets
5	WD/CT		700	Waimalu	700	5	140		2018/2019	No	Off Mokulua
5			420	Kipapa	420	2	210			No	Added New -Complete Area
3	WD/CT	Feeder	1771	Kaewakapu	4300	2	886	217	2018/2019	No	Pave to Waianae Ct
3	WD/CT		500	Kaeleku Ln	500	5	100		2018/2019	Yes	Off Airport Rd
3	WD/CT		650	Ninole Ct	650	12	54		2020/2023	No	New Homes
3	WD/CT		850	Waianae Ct	850	9	94		2020/2024	No	New Homes
5	WD/CT	Feeder	2200	Keanahalululu Ln	2200	11	200	175	2018/2019	No	Eastern end up hill. Pave full remaining portion
5	WD/CT		130	Kapapa	130	3	43		Not Planned	No	Added New -Complete Area
5	WD/CT		300	Nuupia	300	3	100		Not Planned	No	Added New -Complete Area
5	WD/CT		520	Kaimuki	520	1	520		Not planned	No	Added New -Complete Area
5	WD/CT		350	Olomana	350	0	0		Not planned	No	Added New -Complete Area; Homes being planned
4	WD/CT		450	Kauai Ct	450	3	150		2019/2020	No	ADDED NEW. Off Akaloa
4	WD/CT		750	Anahulu Lane	900	5	180		2019/2020	No	Off Akaloa -- Only do 750 ft 150 Density
4	WD/CT		200	Oah Ct	200	3	67		2019/2020	No	ADDED NEW. Off Akaloa
Total			13531		Homes Paved	90					
WD/CT	2.56				Homes with Improved Access	20					
CI											
Total	2.56						\$ 704,740				Conservative Est -- Assumes no assistance from County / City

October 2019 - September 2020 (Year 3 New Plan) Locked

Unit		Collector Road	Total Paved	Street	Length of Unpaved Road Measured by Feet	Homes	Feet Between Homes Being Paved	Avg Home Density of Roads To Be Paved; serviced by feeder	Previous 5 Year Planned Date to Pave	Bus Route Y/N	Comments
1	WD/CT	Feeder	700	Kawela	700	3	233	127	2019/2020	No	Off Kamakoa
1			200	Mahina (W. Lai)	200	4	50		2019/2020	No	
1	WD/CT		550	Lihue (E. Lai)	550	3	183		2019/2020	No	Off Kawela
1	WD/CT		830	E & W Kamoi	830	8	104		2019/2020	No	Off Kawela

4	WD/CT		3150	Kaelepulu Dr	5350	19	166		2019/2020	No	2200 from Moku Manu. Between Akaloa & Moku Manu
4	WD/CT		800	Keaau Ct	800	4	200		2021/2022		Off Wahane
4	WD/CT	Feeder	1250	Nanakuli Dr	1250	5	250	178	2021/2022	No	Off Wahane
			400	Kaupa Ct	400	2	200				
Total			7880		Homes Paved	58					
WD/CT	1.49				Improved Access	0					
CI											
Total	\$ 1.49						\$ 410,417				

October 2020 - September 2021 (Year 4 New Plan)

Unit		Collector Road	Total Paved	Street	Length of Unpaved Road Measured by Feet	Homes	Feet Between Homes Being Paved	Avg Home Density of Roads To Be Paved; serviced by feeder	Previous 5 Year Planned Date to Pave	Bus Route Y/N	Comments
2	WD/CT	Feeder	1000	Onini	1000	4	250	200	2021/2025	No	Off Kaanapali
2			350	Kolo Ct	350	1	350				
2	WD/CT		2300	Kipahulu	3700	10	230		2020/2021		Pave between Kainalu & Nakalele
2	WD/CT		2430	Kahalulu	3150	10	243		2021/2022		Pave between Kainalu & Nakalele
3	CT		3100	Waipahoehoe Dr	3100	13	238				Off Lamaloa
Total			9180								
WD/CT	1.74				Homes Paved	38					
CI											
Total	1.74				Est. Costs @ \$275K per Mile		\$ 478,125				Conservative Est -- Assumes no assistance from County / City

October 2021 - September 2022 (Year 5 New Plan)

Unit		Collector Road	Total Paved	Street	Length of Unpaved Road Measured by Feet	Homes	Feet Between Homes Being Paved	Avg Home Density of Roads to be Paved; serviced by feeder	Previous 5 Year Planned Date to Pave	Bus Route Y/N	Comments
2	WD/CT		1950	Pukoo	1950	7	279		2021/2022		Between Pahalawe and Alele
2	WD/CT		1200	Koali	1200	4	300		2021/2023	No	Between Kaanapali & Alele

Total	5.78				Est. Costs @ \$275K per Mile		\$ 1,589,271				Conservative Est -- Assumes no assistance from County / City
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Roads to Be Completed After Home Density Roads Completed

Unit	Collector Road	Total Paved	Street	Length Ft	Homes	Feet Between Homes	Average using all roads serviced by feeder	Initial Year Planned	Bus Route Y/N	Comments
1 CT			Kula Ct	350	4	88				Not connected to County Road
2 CT										
1			Keamuku Ct	760	3	253				Not connected to County Road
2			Keneka (Was Wahane west)	1770	4	443				Not connected to County Road
4			Hanauma Dr	4000	5	800				Not connected to County Road
1			Koa Ct	650	0	0				< 3 homes
2 CT			Llio Court	100	1	100				< 3 homes
5 CT			Manana Ct	200	2	100				< 3 homes
2			Puu Ct	280	2	140				< 3 homes
4 CT			Kai Ct	150	1	150				< 3 homes
1 CT			Koko Lane	330	2	165				< 3 homes
5 CT			Puu Kaua Ct	350	2	175				< 3 homes
5 CT			Mokuauia Ct	360	2	180				< 3 homes
5 CT			Halawa Ct	200	1	200				< 3 homes
2 CT			Iao Ct	400	2	200				< 3 homes
4 CT			Kaupa Ct	400	2	200				< 3 homes
5 CT			Kipapa Ct	420	2	210				< 3 homes
1			Lae Ct	220	1	220				< 3 homes
4 CT			Koko Ct	450	2	225				< 3 homes
2 CT			Katao Ct	450	2	225				< 3 homes
5 CT			Kalih Ct	250	1	250				< 3 homes
4 CT			Pali Ct	250	1	250				< 3 homes
5 CT			Waiale Ct	320	1	320				< 3 homes
1			Koui Ct	350	1	350				< 3 homes
2			Pulehu Ct	350	1	350				< 3 homes
2			Kolo Ct	350	1	350				< 3 homes
1 CT			Ewa Ct	360	1	360				< 3 homes
2 CT			Nakalele Lane	750	2	375				< 3 homes
1 CT			Kailua Lane	750	2	375				< 3 homes
5			Keahi Ct	760	2	380				< 3 homes
4 CT			Aiea Ct	400	1	400				< 3 homes
5 CT			Kahuku Ct	400	1	400				< 3 homes
5			Hilea Ct	800	2	400				< 3 homes
2 CT			Moku Ct	450	1	450				< 3 homes
1			Keokea Ct	530	1	530				< 3 homes
5			MoKolii Ct	550	1	550				< 3 homes
1			Kohala Lane	700	1	700				< 3 homes
2			Wahane - E of Akaloa	1406	2	703				< 3 homes
5			Loke	1800	2	900				< 3 homes
4			Kaawa Lane West	1911	2	956				< 3 homes
5			Haleakala Dr	2200	2	1100				< 3 homes
1			Aloha	2250	2	1125				< 3 homes
1			Hulu Ln	1150	1	1150				< 3 homes
1			Wiamea Ct	1260	1	1260				< 3 homes
5			Keomuku Ln	1500	1	1500				< 3 homes
2			Kipahulu Dr	1610	1	1610				< 3 homes
4			Palikea Cr	1900	1	1900				< 3 homes
5			Heleakala Dr	2200	1	2200				< 3 homes
4			Bali Hai Ln (previously Kole	2880	1	2880				< 3 homes

4			Helemano Dr	3300	1	3300							< 3 homes
3			Keawakapu (S)	3700	1	3700							< 3 homes
5			Ahupu Lane	1150	0	0							< 3 homes
2			Alau Ct	160	0	0							< 3 homes
2			Auau	200	0	0							< 3 homes
5			Diamond Head Drive	3360	0	0							< 3 homes
2			Eke	200	0	0							< 3 homes
2			Hana Ct	250	0	0							< 3 homes
5			Hawii Ct	200	0	0							< 3 homes
5			Honolulu Ln	230	0	0							< 3 homes
5			Howi Ln	350	0	0							< 3 homes
5			Huula Ct	450	0	0							< 3 homes
5			Kaaka Dr	300	0	0							< 3 homes
5			Kaawa Lane	2700	0	0							< 3 homes
4			Kaiwi Ct	500	0	0							< 3 homes
4			Kaukonahua Lane	4300	0	0							< 3 homes
5			Kawanui Dr	950	0	0							< 3 homes
5			Keehi Ct	150	0	0							< 3 homes
3			Koele	900	0	0							< 3 homes
5			Koolau ct	250	0	0							< 3 homes
1			Lanai Ct	760	0	0							< 3 homes
5			Lanikai	450	0	0							< 3 homes
3			Lipoa	450	0	0							< 3 homes
2			Lopa ct	160	0	0							< 3 homes
5			Makua Ct	240	0	0							< 3 homes
2			Mala Ct	240	0	0							< 3 homes
1			Maue Ct	690	0	0							< 3 homes
3			Naalehu Ct	1020	0	0							< 3 homes
2			Nuu Ct	190	0	0							< 3 homes
1			Oahu Ct	1420	0	0							< 3 homes
2			Okoe Ct (East)	450	0	0							< 3 homes
1			Okoe Ct (West)	950	0	0							< 3 homes
5			Olomana Ct	350	2	175							< 3 homes
2			Otani Ct	600	0	0							< 3 homes
2			S. Manawianui	500	0	0							< 3 homes
5			Wahane Lane	750	0	0							< 3 homes
5			Waiailua Ct	550	0	0							< 3 homes
2			Waihii Ct	180	0	0							< 3 homes
4			Waikiki	1600	0	0							< 3 homes
5			Wailua	550	0	0							< 3 homes
5			Hoku	400	0	0							< 3 homes
5			Waimanalo Ln	2850	0	0							< 3 homes
5			Waipio ct	220	0	0							< 3 homes
1			Honupu Dr	1030	0	0							< 3 homes

Total			Feet of Street	82427	82								
WD/CT			Miles to Be Paved	15.6		Est Costs		\$4,293,073					
CI						@\$275K							
Total								\$8,851,979					

Roads with NO HOMES 33200 2
Miles 6.3