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6		Project No.	City or State
7			
8		ISLANDWIDE PROJECTS - 2006 to 2015	
9		1	C/S *
10		2	C/S *
11		3	C/S *
12		4	C/S *
13		5	S
		6	C/S *
14			
15		7	S
16		SAFETY & OPERATIONAL IMPROVEMENT PROJECTS - 2006 to 2015	
17		8	S
18		9	S
19		10	S
20		CONGESTION RELIEF PROJECTS - 2006 to 2015	
21		11	C
22		12	C
		13	C
23			
24		14	S
		15	S
25			

D	
1	TABLE 1
2	OAHU REGIONAL TRANSPORTATION PLAN
3	MID-RANGE PLAN AND LONG-RANGE P
4	
5	
6	Facility/Project Title
7	<i>MID-RANGE PLAN (2006 TO</i>
8	
9	Alapai Transit Center & Joint Transportation Management Center
10	Bike Plan Hawaii - Oahu
11	Enhancement Projects
12	Intelligent Transportation Systems (ITS)
13	Rockfall Protection, Various Locations
14	Transportation Demand Management (TDM) Program
15	Van Pool Program
16	
17	Kalaniana'ole Highway, Safety & Operational Improvements, Olomana Golf Course to Waimanalo Beach Park
18	Kamehameha Highway, Safety Improvements, Haleiwa to Kahaluu
19	Kamehameha Highway, Safety & Operational Improvements, Kaalaea Stream to Hygienic Store
20	
21	Farrington Highway, Widening, Golf Course Road to west of Fort Weaver Road
22	Fort Barrette Road, Widening, Farrington Highway to Franklin D. Roosevelt Avenue
23	Hanua Street, Extension, Farrington Highway to Malakole Street; Interstate Route H-1, New On- & Off-Ramps, Palailai Interchange
24	Interstate Route H-1, New Interchange, Kapolei Interchange
25	Interstate Route H-1, Widening, Middle Street to Vineyard Boulevard

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2	2030, AMENDMENT #1
3	LAN PROJECT LIST
4	
5	
6	Project Description
7	2015)
8	
9	Construct a multi-use facility at Alapai Street to include a transit center, City-State transportation management center, and other operations.
10	Implement Oahu elements of the State of Hawaii's <i>Bike Plan Hawaii</i> . (<i>Bike Plan Hawaii</i> includes only "Priority One" projects as identified in the <i>Honolulu Bicycle Master Plan</i> .)
11	Implement enhancement projects, including, but not limited to, projects from the <i>Transportation Enhancement Program for Oahu</i> . Includes development of a pedestrian plan for Oahu.
12	Implement ITS projects including, but not limited to, those identified in the <i>Oahu Regional ITS Architecture</i> .
13	Install rockfall protection or mitigation measures along various state highways at various locations.
14	Develop an aggressive TDM program that could include, but is not limited to: 1. Free real-time online carpool matching, 2. Outreach promotion and marketing of alternative transportation, 3. Emergency ride home program, 4. Major special events, 5. Employer based commuter programs, 6. Emerging and innovative strategies (i.e., car sharing).
15	Continue implementation and expansion of the State's Van Pool Program.
16	
17	Construct safety and operational improvements along Kalaniana'ole Highway between the Olomana Golf Course and Waimanalo Beach Park. Specific safety and operational improvements include construction of turning lanes, sidewalks, wheelchair ramps, bike paths or bike lanes, traffic signal upgrades, utility relocation, and drainage improvements.
18	Construct safety improvements along Kamehameha Highway, from Haleiwa to Kahaluu. Safety improvements include turn lanes, guardrails, signage, crosswalks, etc. to improve safety. Widening of Kamehameha Highway will only be in areas where needed for storage/turn lanes safety improvements.
19	Construct safety and operational improvements along Kamehameha Highway, between Kaalaea Stream and Hygienic Store. Safety and operational improvements include passing and turning lanes, modification of signals, installation of signs, flashers, and other warning devices. This project also includes replacement of Kaalaea Stream Bridge and Haiamoa Stream Bridge with structures that meet
20	
21	Widen Farrington Highway from 2 to 4 lanes, from Golf Course Road to just west of Fort Weaver Road.
22	Widen Fort Barrette Road from 2 to 4 lanes, from Farrington Highway to Franklin D Roosevelt Avenue.
23	Hanua Street: • Extend Hanua Street from Malakole Street to Farrington Highway. This new 4-lane roadway will provide access to Kalaehoa Harbor. Interstate Route H-1, Palailai Interchange: • Construct new on- and off-ramps at Interstate Route H-1 Palailai Interchange to Hanua Street extension.
24	Construct new Interstate Route H-1 Kapolei Interchange for Kapolei between the Palailai Interchange and Makakilo Interchange.
25	Widen the Interstate Route H-1 by 1 lane, in the eastbound direction, from Middle Street to Vineyard Boulevard, as identified below: • From 2 to 3 lanes from Middle Street to Likelike Highway off-ramp • From 3 to 4 lanes from Likelike Highway off-ramp to Vineyard Boulevard This project also includes the widening of: • Gulick Avenue overpass to allow 5 lanes to pass under it • Kalihi Interchange overcrossings to allow 4 lanes to pass under it

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6	Estimated Cost (Millions of Year 2005 \$)	
7		
8		
9		\$30.0
10	\$40.6	of \$101.6 total in 1st 10 years
11	\$20.0	of \$50.0 total in 1st 10 years
12	\$60.0	of \$150.0 total in 1st 10 years
13		\$22.5
14	\$62.9	of \$152.9 total in 1st 10 years
15	Included as part of project # 6	
16		
17		\$19.7
18		\$115.9
19		\$18.9
20		
21		\$36.6
22		\$24.9
23		\$61.1
24		\$45.5
25		\$34.8

	A	B	C
27			
28		Project No.	City or State
29		16	S
30		17	S
31		18	S
32		19	S
33		20	S
34		21	S
35		22	S
36		23	S
37		24	S
38		25	S
39		26	C
40		27	C
41		28	S
42		SECOND ACCESS PROJECTS - 2006 to 2015	
43		29	C
44			

D	
27	
28	Facility/Project Title
29	Interstate Route H-1, Operational Improvements, Lunalilo Street to Vineyard Boulevard
30	Interstate Route H-1, New On- & Off-Ramps, Makakilo Interchange
31	Interstate Route H-1, Widening, Waiiau Interchange to Waiawa Interchange
32	Interstate Route H-1, Widening, Waiawa Interchange
33	Interstate Route H-1, Zipper Lane (PM), Keehi Interchange to Kunia Interchange
34	Interstate Route H-1, Widening, Waipahu Off-Ramp
35	Interstate Route H-2, Widening, Waipio Interchange
36	Interstate Route H-1, Operational Improvements, Ward Avenue On-Ramp to University Avenue Interchange
37	Interstate Routes H-1 & H-2, Operational Improvements, Waiawa Interchange
38	Kamehameha Highway, Widening, Lanikuhana Avenue to Ka Uka Boulevard
39	Kapolei Parkway, Extension, Kamokila Boulevard to Papipi Road
40	Kapolei Parkway, Extension & Widening, Aliinui Drive to Kalaeloa Boulevard
41	North-South Road, Widening & Extension, Interstate Route H-1 to Franklin D Roosevelt Avenue
42	
43	Makakilo Drive, Second Access, Makakilo Drive to North-South Road/Interstate Route H-1 Interchange
44	

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28	Project Description
29	Modify the weaving movements on the Interstate Route H-1, in the westbound direction, between the Lunalilo Street on-ramp and the Vineyard Boulevard off-ramp.
30	Construct a new eastbound off-ramp and a new westbound on-ramp to the Interstate Route H-1 at the Makakilo Interchange.
31	Widen Interstate Route H-1 in the westbound direction by 1 lane from the Waiau Interchange to the Waiawa Interchange.
32	Widen the Interstate Route H-1 by 1 lane, in the westbound direction, through the Waiawa Interchange. This project will begin in the vicinity of the Waiawa Interchange and end at the Paiwa Interchange. <ul style="list-style-type: none"> ● From 2 to 3 lanes in AM peak ● From 4 to 5 lanes in PM peak
33	Construct a Zipper lane on the Interstate Route H-1, in the westbound direction, from Keehi Interchange to Kunia Interchange. This project would be in use during the PM peak.
34	Widen the Interstate Route H-1 Waipahu Street off-ramp from 1 to 2 lanes, in the westbound direction, at the Waiawa Interchange.
35	Widen both on- and off-ramps on Interstate Route H-2, at the Waipio Interchange. This project includes the widening of the Ka Uka Boulevard overpass and intersection improvements to facilitate movement to
36	Improve traffic flow on the Interstate Route H-1, in the eastbound direction, from the Ward Avenue on-ramp to the University Avenue Interchange through operational improvements.
37	Modify the Interstate Routes H-1 and H-2 Waiawa Interchange, to improve merging characteristics through operational improvements (e.g., additional transition lanes).
38	Widen Kamehameha Highway from a 3-lane to a 4-lane divided facility between Lanikuhana Avenue and Ka Uka Boulevard. This project includes shoulders for bicycles and disabled vehicles, bridge crossing
39	Extend the existing 4-lane Kapolei Parkway by constructing the segments in each of the following areas: <ul style="list-style-type: none"> ● Kamokila Boulevard to Fort Barrette Road ● Ewa Village boundary to Renton Road ● Geiger Road to Papipi Road
40	Extend the existing 4-lane Kapolei Parkway, from Aliinui Drive to Hanua Street. This project includes widening of Kapolei Parkway from 4 to 6 lanes from Hanua Street to Kalaeloa Boulevard.
41	Widen and extend North-South Road as follows: <ul style="list-style-type: none"> ● From 3 to 6 lanes from Kapolei Parkway to Interstate Route H-1 ● Extend from Kapolei Parkway to Franklin D Roosevelt Avenue (6 lanes)
42	
43	Extend Makakilo Drive (vicinity Pueonani Street) south to the Interstate Route H-1 Freeway Interchange as 4-lane roadway, connecting Makakilo Drive to North-South Road.
44	

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28	Estimated Cost (Millions of Year 2005 \$)	
29		\$24.3
30		\$9.9
31		\$137.5
32		\$6.9
33		\$19.9
34		\$11.7
35		\$20.7
36		\$13.7
37		\$45.5
38		\$78.9
39		\$78.9
40		\$46.9
41		\$35.3
42		
43		\$32.8
44		

	A	B	C
45			
46		Project No.	City or State
47		TRANSIT PROJECTS - 2006 to 2015	
48		30	C
49		31	C
50		32	C
51		33	C
52		OPERATIONS, MAINTENANCE & SYSTEM PRESERVATION - 2006 TO 2015	
53		34	C
54			
55		35	S
56		36	S
57		COST SUBTOTALS: MID-RANGE PLAN (2006 TO 2015)	
58		Subtotals by Category	
59		Subtotal: Islandwide Projects	
60		Subtotal: Safety & Operational Improvement Projects	
61		Subtotal: Congestion Relief Projects	
62		Subtotal: Second Access Projects	
63		Subtotal: Transit Projects	
64		Subtotal: Operations, Maintenance, & System Preservation	
65		Total: All Categories	
66		Subtotals by Jurisdiction	
67		City & County of Honolulu Share of Project Costs *	
68		State of Hawaii Share of Project Costs *	
69		Total: All Shares	
70			

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46	Facility/Project Title
47	
48	Ferry, Intra-Island Express Commuter, in the vicinity of Ocean Pointe Marina to Honolulu Harbor
49	Fixed Guideway, East Kapolei to Ala Moana
50	TheBus Service, Expansion, Islandwide
51	Transit Centers, Various Locations
52	
53	City Operations and Maintenance (O&M)
54	State Operations and Maintenance
55	
56	System Preservation
57	
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46	Project Description
47	
48	Implement intra-island passenger ferry in the vicinity of the Ocean Pointe Marina in Ewa and Honolulu Harbor.
49	Plan, design, and construct a fixed guideway system between East Kapolei and Ala Moana. This project includes intermodal connections with TheBus system to provide feeder services to fixed guideway stations. Note that the alignment, system technology, and location of transit stations may be refined during the preliminary engineering, Environmental Impact Statement and subsequent processes.
50	Expand the bus service through increase of capacity of the existing system to accommodate population growth. Expanded service will be ADA-compliant. This includes: <ul style="list-style-type: none"> • Expansion to and within Ewa, Kapolei, and Central Oahu • Implementation of the Hub and Spoke bus system with transit centers and circuitous routes • Expansion through increase of Express service to the North Shore, Waianae, and Windward Oahu
51	Construct transit centers at various locations islandwide to support the Rail Transit and TheBus systems.
52	
53	Maintain and operate the City's existing and future roadway, transit and paratransit operations and routine maintenance. Includes, but is not limited to, operation of the transit system (including bus, paratransit, rail, and ferry), resurfacing, guardrail and shoulder improvements, lighting improvements, drainage improvements, sign upgrades and replacement, etc.
54	Maintain and operate the State's existing and future highway operations and routine maintenance. Includes, but is not limited to, pavement repair, guardrail and shoulder improvements, lighting improvements, drainage improvements, sign upgrades and replacement, traffic signal upgrade and retrofit, etc.
55	Maintain and operate the State's existing and future highway operations and routine maintenance. Includes, but is not limited to, pavement repair, guardrail and shoulder improvements, lighting improvements, drainage improvements, sign upgrades and replacement, traffic signal upgrade and retrofit, etc.
56	Preserve the highway system through projects including, but not limited to, bridge replacement and seismic retrofit, pavement preventative maintenance, resurfacing and rehabilitation, etc.
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46	Estimated Cost (Millions of Year 2005 \$)	
47		
48		\$23.2
49	\$2,644.3	of \$3,620.3 in 1st 10 years
50	\$199.3	of \$606.5 total in 1st 10 years
51	\$49.1	of \$76.7 total in 1st 10 years
52		
53	\$1,918.3 in 1st 10 years	
54		
55	\$340	in 1st 10 years
56	\$625	in 1st 10 years
57		
58		
59		\$236.0
60		\$154.5
61		\$733.0
62		\$32.8
63		\$2,915.9
64		\$2,883.3
65		\$6,955.5
66		
67		\$5,220.8
68		\$1,734.7
69		\$6,955.5
70		

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71			
		Project No.	City or State
72			
73			
74		ISLANDWIDE PROJECTS - 2016 to 2030	
75		2	C/S *
76		3	C/S *
77		4	C/S *
78		6	C/S *
79		SAFETY & OPERATIONAL IMPROVEMENT PROJECTS - 2016 to 2030	
80		37	S
81		CONGESTION RELIEF PROJECTS - 2016 to 2030	
82		38	S
83		39	S
84		40	S
85		41	S
86		42	S
87		43	S
88		44	S
89		45	S
90		46	S
91		47	S
92		48	S
93		49	S
94		50	S
95			

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71	
72	Facility/Project Title
73	LONG-RANGE PLAN (2016)
74	
75	Bike Plan Hawaii - Oahu
76	Enhancement Projects
77	Intelligent Transportation Systems
78	Transportation Demand Management Program
79	
80	Farrington Highway, Safety Improvements, Makua Valley Road to Aliinui Drive
81	
82	Farrington Highway, Widening, west of Fort Weaver Road to Waiawa Interchange
83	Farrington Highway, Widening, Hakimo Road to Kalaeloa Boulevard
84	Interstate Route H-1, Widening, Liliha Street to Pali Highway
85	Interstate Route H-1, On- & Off- Ramp Modifications, Various Locations
86	Interstate Route H-1, On- & Off- Ramp Modifications, University Avenue Interchange
87	Interstate Route H-1, Widening, Vineyard Boulevard to Middle Street
88	Interstate Route H-1, HOV Lanes, Waiawa Interchange to Makakilo Interchange
89	Interstate Route H-1, Widening, Waiawa Interchange to Halawa Interchange
90	Interstate Route H-1, Widening, Ward Avenue to Punahou Street
91	Interstate Route H-2, New Interchange, Pineapple Road Overpass
92	Kahekili Highway, Widening, Kamehameha Highway to Haiku Road
93	Kunia Road, Widening and Interchange Improvement, Wilikina Drive to Farrington Highway
94	Likelike Highway, Widening, Kamehameha Highway to Kahekili Highway
95	

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71	
72	Project Description
73	TO 2030)
74	
75	See description in Mid-Range Plan
76	See description in Mid-Range Plan
77	See description in Mid-Range Plan
78	See description in Mid-Range Plan
79	
80	Construct safety improvements on Farrington Highway along the Waianae Coast, from Makua Valley Road (Kaena Point) to Aliinui Drive (Kahe Point). This project includes realignment around Makaha Beach
81	
82	Widen Farrington Highway from Kunia to Waiawa by 1 lane in each direction, from west of Fort Weaver Road to Waiawa Interchange.
83	Widen Farrington Highway from 4 to 6 lanes, from Hakimo Road to Kalaeloa Boulevard, including intersection of Luualalei Naval Road.
84	Widen the Interstate Route H-1 by 1 lane, from 3 to 4 lanes in the eastbound direction, from the Liliha Street on-ramp to Pali Highway off-ramp.
85	Modify and/or close various on- and off- ramps on the Interstate Route H-1 from Middle Street to University Avenue. This project includes modification of auxiliary lanes at various exits and other operational changes to Interstate Route H-1. The identification of the precise improvements to be made will require a separate detailed corridor study.
86	Modify on- and off-ramps at the University Avenue Interchange on Interstate Route H-1. This project includes the construction of new ramps to allow all movements, safety improvements, including the closure of the eastbound on-ramp at University Avenue Interchange to Interstate Route H-1 and the construction of a new makai-bound off-ramp to University Avenue from Interstate Route H-1.
87	Widen the Interstate Route H-1 by 1 lane in the westbound direction, from Vineyard Boulevard to Middle Street.
88	Construct 2 new lanes in the freeway median for HOV use, 1 in the westbound direction and 1 in the eastbound direction, on Interstate Route H-1, from the Waiawa Interchange to the Makakilo Interchange.
89	Widen the Interstate Route H-1 by 1 lane in the eastbound direction, from the Waiawa Interchange to the Halawa Interchange.
90	Widen the existing Interstate Route H-1 by 1 lane in the eastbound direction, from Ward Avenue to Punahou Street.
91	Construct a new full-service freeway interchange on Interstate Route H-2, between Meheula Parkway and Ka Uka Boulevard, to accommodate future developments in Central Oahu. This project includes the widening of the existing Pineapple Road Overpass from 2 lanes to 4 lanes; and addition of new on- and off-ramps to and from Interstate Route H-2 at Pineapple Road Overpass.
92	Widen Kahekili Highway from 2 to 4 lanes, from Kamehameha Highway to Haiku Road. This project also includes the following improvements: <ul style="list-style-type: none"> ● Contraflow in existing right-of-way between Hui Iwa Street and Haiku Road ● Intersection improvements at Hui Iwa Street and Kamehameha Highway
93	Widen Kunia Road as follows: <ul style="list-style-type: none"> ● From 2 to 4 lanes, from Wilikina Drive to Anonui Street. ● From 2 to 4 lanes, Anonui Street to Kupuna loop. ● From 4 to 6 lanes, Kupuna Loop to Farrington Highway.
94	Widen Likelike Highway from 4 to 6 lanes, from Kamehameha Highway to Kahekili Highway. <ul style="list-style-type: none"> ● Add 1 lane eastbound loop on-ramp at Kunia
95	

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71		
72	Estimated Cost (Millions of Year 2005 \$)	
73		
74		
75	\$61.0	in 2nd 15 years
76	\$30.0	in 2nd 15 years
77	\$90.0	in 2nd 15 years
78	\$90.0	in 2nd 15 years
79		
80		\$69.7
81		
82		\$67.1
83		\$108.4
84		\$3.4
85		\$60.0
86		\$24.0
87		\$60.0
88		\$52.5
89		\$251.3
90		\$24.3
91		\$50.0
92		\$30.0
93		\$116.3
94		\$14.6
95		

	A	B	C
96			
97		Project No.	City or State
98		51	C
99		52	S
100		53	C
		54	C
101			
102		SECOND ACCESS PROJECTS - 2016 to 2030	
103		55	C
104		56	C
105		57	S
106		TRANSIT PROJECTS - 2016 to 2030	
107		31	C
108		32	C
109		33	C
110		OPERATIONS, MAINTENANCE & SYSTEM PRESERVATION - 2016 TO 2030	
111		34	C
112			
113		35	S
114		36	S
115		COST SUBTOTALS: LONG-RANGE PLAN (2016 TO 2030)	
116		Subtotals by Category	
117		Subtotal: Islandwide Projects	
118		Subtotal: Safety & Operational Improvement Projects	
119		Subtotal: Congestion Relief Projects	
120		Subtotal: Second Access Projects	
121		Subtotal: Transit Projects	
122		Subtotal: Operations, Maintenance, & System Preservation	
123		Total: All Project Categories	
124		Subtotals by Jurisdiction	
125		City & County of Honolulu Share of Project Costs *	
126		State of Hawaii Share of Project Costs *	
127		Total: All Shares	
128			
129			
130		Project No.	City or State
131			
132		CONGESTION RELIEF PROJECTS - ROW PRESERVATION	
133		58	C
134		59	C

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96	
97	Facility/Project Title
98	Makakilo Mauka Frontage Road, New Roadway, Kalaeloa Boulevard to Makakilo Drive
99	Nimitz Highway, High Occupancy Vehicle (HOV) Flyover, Keehi Interchange to Pacific Street
100	Piikoi-Pensacola Couplet Reversal
101	Puuloa Road, Widening, Pukuloa Road to Nimitz Highway
102	
103	Central Mauka Road, Second Access, Mililani Mauka to Waiawa
104	Wahiawa, Second Access, Whitmore Avenue to Meheula Parkway
105	Waianae, Second Access, Farrington Highway to Kunia Road
106	
107	Fixed Guideway, East Kapolei to Ala Moana
108	TheBus Service, Expansion, Islandwide
109	Transit Centers, Various Locations
110	
111	City Operations and Maintenance (O&M)
112	
113	State Operations and Maintenance
114	System Preservation
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129	
130	Facility/Project Title
131	RIGHT-OF-WAY PRESER
132	
133	Kalaeloa East-West Spine Road, New Roadway, Kalaeloa Boulevard to Geiger Road
134	Keoneula Boulevard, Extension, Kapolei Parkway to Franklin D. Roosevelt Avenue

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97	Project Description
98	Construct a new 2-lane Makakilo Mauka Frontage Road, mauka of Interstate Route H-1, from Kalaeloa Boulevard to Makakilo Drive.
99	Construct a new 2-lane elevated and reversible HOV flyover above Nimitz Highway, from the Keehi Interchange to Pacific Street. This project includes the removal of the existing eastbound contraflow lane in the AM peak and restoration of all turning movements on the at-grade portion of Nimitz highway.
100	Reverse the direction of the existing one-way Piikoi Street and Pensacola Street couplet.
101	Widen Puuloa Road, from Pukuloa Road to Nimitz Highway: <ul style="list-style-type: none"> • From 3 lanes (1 lane southbound and 2 lane northbound) to 5 lanes (2 lanes southbound and 3 lanes northbound), from Pukuloa Road to Kamehameha Highway.
102	
103	Construct Central Mauka Road, a new 4-lane road from Mililani Mauka to Waiawa. Road connects Meheula Parkway to Kamehameha Highway in Pearl City, parallel to & mauka of Interstate Route H-2. The
104	Construct a new 2-lane second access road between Whitmore Village and Wahiawa, from Whitmore Avenue to California Avenue. Continue the new 2-lane second access road to Mililani Mauka, from
105	Construct a new 2-lane second access road to Waianae from Farrington Highway in the vicinity of Maili, over the Waianae Mountain Range, to Kunia Road.
106	
107	Plan, design, and construct a fixed guideway system between East Kapolei and Ala Moana. This project includes intermodal connections with TheBus system to provide feeder services to fixed guideway stations. Note that the alignment, system technology, and location of transit stations may be refined during the preliminary engineering, Environmental Impact Statement and subsequent processes.
108	See description in Mid-Range Plan
109	See description in Mid-Range Plan
110	
111	See description in Mid-Range Plan
112	
113	See description in Mid-Range Plan
114	See description in Mid-Range Plan
115	
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129	
130	Project Description
131	VATION
132	
133	Establish and preserve right-of-way (ROW) for Kalaeloa East-West Spine Road (new 4-lane east-west spine road within Kalaeloa by realigning and connecting portions of the existing Saratoga Avenue from
134	Establish and preserve right-of-way (ROW) for Keoneula Boulevard Extension (extension of Keoneula Boulevard from Kapolei Parkway to Franklin D. Roosevelt Avenue).

	F	G
96		
	Estimated Cost (Millions of Year 2005 \$)	
97		
98		\$11.1
99		\$250.0
100		\$4.2
		\$10.0
101		
102		
103		\$160.0
104		\$64.4
105		\$423.0
106		
		\$976.0
107		
108	\$407.2	in 2nd 15 years
109	\$27.6	in 2nd 15 years
110		
111	\$3,874.3	in 2nd 15 years
112	(\$3,570.3 transit O&M, \$304	
113	\$510	in 2nd 15 years
114	\$375	in 2nd 15 years
115		
116		
117		\$271.0
118		\$69.7
119		\$1,137.2
120		\$647.4
121		\$1,410.8
122		\$4,759.3
123		\$8,295.4
124		
125		\$5,670.3
126		\$2,625.1
127		\$8,295.4
128		
129		
	Estimated Cost (Millions of Year 2005 \$)	
130		
131		
132		
133		n/a
134		n/a

	A	B	C
135			
136		Subtotals by Category	
137		Subtotal: Islandwide Projects	
138		Subtotal: Safety & Operational Improvement Projects	
139		Subtotal: Congestion Relief Projects	
140		Subtotal: Second Access Projects	
141		Subtotal: Transit Projects	
142		Subtotal: Operations, Maintenance, & System Preservation	
143		Total: All Project Categories	
144		Subtotals by Jurisdiction	
145		City & County of Honolulu Share of Project Costs *	
146		State of Hawaii Share of Project Costs *	
147		Total: All Shares	
148			
149		Notes:	
150		* Costs for projects shared by City and State (C/S) allocated equally between the two jurisdictions. The designation is done for so for reasons of	
151		financially balancing the projected revenues with the order of magnitude cost estimates.	

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135	ORTP 2030 COST TOTALS:
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137		\$507.0
138		\$224.2
139		\$1,870.2
140		\$680.2
141		\$4,326.7
142		\$7,642.6
143		\$15,250.9
144		
145		\$10,891.1
146		\$4,359.8
147		\$15,250.9
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	A	B	C	D	E
1	TABLE 2				
2	OAHU REGIONAL TRANSPORTATION PLAN 2030, AMENDMENT #1 ILLUSTRATIVE PROJECTS				
3					
4		Project No.	Facility/Project Title	Project Description	Estimated Capital Cost (Millions of Year 2005 \$)
5	CONGESTION RELIEF PROJECTS				
6	I-1	H-1 Corridor, Reversible Highway, Waiawa Interchange to Keehi Interchange	Construct a new, elevated, reversible two-lane highway from west of the Waiawa Interchange to the Keehi Interchange. The new facility could be used for high occupancy vehicles; and a toll could be charged.	\$2,500	
7	I-2	Kalaeloa East-West Spine Road, New Roadway, Kalaeloa Boulevard to Geiger Road	Construct a new 4-lane east-west spine road within Kalaeloa by realigning and connecting portions of the existing Saratoga Avenue from Kalaeloa Boulevard in the west and to Geiger Road in the east.	\$110	
8	I-3	Keoneula Boulevard, Extension, Kapolei Parkway to Franklin D. Roosevelt Avenue	Extend Keoneula Boulevard from Kapolei Parkway to Franklin D. Roosevelt Avenue.	\$85	
9	I-4	Paiwa Street, Extension, Ka Uka Boulevard to Lumiauu Street	Extend Paiwa Street from north of Lumiauu Street, to the intersection of Kamehameha Highway and Ka Uka Boulevard.	\$15	
10	I-5	Pearl Harbor Corridor	Construct an alternative route through the Pearl Harbor corridor to provide direct connection between Honolulu and the Ewa Plain. A new tunnel beneath the mouth of Pearl Harbor and a series of bridges spanning Pearl Harbor are potential options for this route. This project could operate as a toll facility.	\$7,000	
11	I-6	Fixed Guideway, West Kapolei to East Kapolei	Plan, design, and construct a fixed guideway system between West Kapolei to East Kapolei	\$500	
12	I-7	Fixed Guideway, Ala Moana to Manoa/Waikiki	Plan, design, and construct a fixed guideway system between Ala Moana and Manoa/Waikiki	\$1,150	
13	Total (with Pearl Harbor Corridor as Tunnel)				\$11,360