HHCTCP Draft Summary of Effect Determinations and 4(f) Use

Of 81 NRHP-listed and NRHP-eligible historic properties in the study corridor, implementation of the proposed project would have an adverse effect to 22 properties. Of the remaining properties, project implementation would have no adverse effect to 51 properties and no effect to 8 properties.

In the Draft EIS phase, it was determined that the project would have an adverse effect to 7 properties (Note: Only six properties are illustrated in the table, because the Solmirin House (TMK 96003018) was later removed because it was determined not eligible for inclusion on the NRHP). Project implementation data in the Draft EIS illustrated that there would be no adverse effect to 48 properties and no effect to 23 properties along the Airport Alignment.

The table below lists historic properties and the preliminary determination of effect and 4(f) use for each property on the Airport Alignment (Preferred Alternative) for FEIS. The table also compares determinations of effect and 4(f) use for historic properties from the Draft EIS.

Table: Summary of Section 106 Effect Determinations and 4(f) Use Comparison of DEIS to preliminary findings for FEIS

Property Name	*TMK Parcel No.*	*FEIS–Section 106*	*DEIS–Section 106*	*Section 106 Comments*	*FEIS Section 4(f) Use*	*DEIS Section 4(f) Use*	*4(f) Comments*
Hono'uli'uli Stream Bridge	N/A	**Adverse Effect**	No Effect	Guideway would be 40 feet above the bridge; Effects to setting, feeling & association		No Use	Consider potential for constructive use in accordance with 774.15, no direct effect on bridge
Lum-Terahira Three-story Apartments	94039082	No Adverse Effect	No Adverse Effect		No Use	No Use	
West Oahu Christian Church	94027127	No Adverse Effect	No Adverse Effect		No Use	No Use	
Tanaka-Ishihara House	94025008	No Adverse Effect	No Adverse Effect		No Use	No Use	
Waikele Stream Bridge east-bound span and Bridge over OR&L spur	N/A	**Adverse Effect**	No Effect	Guideway would be adjacent to and 10 feet mauka and 25-30 feet above the bridges; TPSS would be 75 feet mauka both bridges; Effects to setting, feeling & association	No Use	No Use	Consider potential for constructive use, no direct effect on bridge
Ohara & Okahara Two-story Apartments	94019021, 94019020	No Effect	No Adverse Effect		No Use	No Use	
Codera-Carvalho Two-story Apartments	94017043	No Adverse Effect	No Adverse Effect		No Use	No Use	

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Property Name	TMK Parcel No.	FEIS–Section 106	DEIS–Section 106	Section 106 Comments	FEIS Section 4(f) Use	DEIS Section 4(f) Use	4(f) Comments
Waipahu Hawaii Stake,Church of Jesus Christ of Latter-Day Saints	94036071	No Adverse Effect	No Adverse Effect		No Use	No Use	
Watercress of Hawaii	96003026	No Adverse Effect	No Effect		No Use	No Use	
Waiawa Stream Bridge 1932 (west-bound lanes)	N/A	**Adverse Effect**	No Effect	Guideway would be 65 feet above the bridge; Effects to setting, feeling & association	No Use	No Use	Consider potential constructive use, no direct effect on bridge
Waiawa Separation Bridge	N/A	No Adverse Effect	No Effect		No Use	No Use	
Waiawa Stream Bridge 1952 (east-bound lanes)	N/A	No Adverse Effect	No Effect		No Use	No Use	
Waiawa Booster Pump Station	96003045	No Effect	No Effect		No Use	No Use	
HECO Waiau Plant	98003010	No Adverse Effect	No Adverse Effect		No Use	No Use	
Nishi Service	98006024	No Adverse Effect	No Adverse Effect		No Use	No Use	
Waimalu Stream Bridge	N/A	**Adverse Effect**	No Effect	Guideway would be 30 feet above the bridge; Effects to setting, feeling & association	No Use	No Use	Consider potential for constructive use, no direct effect on bridge
Waimalu Shopping Center	98022074, 98022081	No Adverse Effect	No Adverse Effect		No Use	No Use	
Sumida Watercress Farm	98016046, 98016047	No Adverse Effect	No Adverse Effect		No Use	No Use	
Kalauao Spring Bridge	N/A	**Adverse Effect**	No Effect	Guideway would be 30 feet above the bridge; Effects to setting, feeling & association	No Use	No Use	Consider potential for constructive use, no direct effect on bridge
Kalauao Stream Bridge	N/A	**Adverse Effect**	No Effect	Guideway would be 30 feet above the bridge; Effects to setting, feeling & association	No Use	No Use	Consider potential for constructive use, no direct effect on bridge
Forty Niner Saimin	98018042	No Adverse Effect	No Adverse Effect		No Use	No Use	

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Property Name	TMK Parcel No.	FEIS–Section 106	DEIS–Section 106	Section 106 Comments	FEIS Section 4(f) Use	DEIS Section 4(f) Use	4(f) Comments
Akiona House (Quonset)	98018041	No Effect	No Adverse Effect		No Use	No Use	
Aiea Cemetery / Honolulu Plantation Cemetery	99012006, 99012001	No Adverse Effect	No Adverse Effect		No Use	No Use	
United States Naval Base Pearl Harbor National Historic Landmark	Various	No Adverse Effect	No Adverse Effect		**Direct Use (De Minimis)**	**Direct Use (De Minimis)**	DEIS -Minor parcel acquisition (.6 acres)
Kamehameha Highway Bridge over Halawa Stream (mauka span)	N/A	No Adverse Effect	No Effect		No Use	No Use	
Bombproof Switch Station – Fac. B-6	99003038	No Effect	No Effect		No Use	No Use	
Richardson Recreation Center Pool Complex (Swimming Pool – Fac. S-21; Recreation Facility – Fac. 1; Bath House/Locker Room – Fac. 2; Handball Court – Fac. S-20 (part of PH NHL)	99003029	No Adverse Effect	No Adverse Effect		**Direct Use (De Minimis**	**Direct Use (De Minimis**	
Commander-in-Chief Pacific Fleet (CINCPACFLT) Headquarters National Historic Landmark (part of NHL)	99002004	No Adverse Effect	No Adverse Effect		No Use	No Use	

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Property Name	TMK Parcel No.	FEIS–Section 106	DEIS–Section 106	Section 106 Comments	FEIS Section 4(f) Use	DEIS Section 4(f) Use	4(f) Comments
Fuel Oil Pump-out Pump House, Facility S-386 (part of NHL)	99001001	No Adverse Effect	No Adverse Effect		No Use	No Use	
Publications Printing Office and Plant – Fac. 550/District Printing Plant (part of NHL)	99001008	No Adverse Effect	No Adverse Effect		No Use	No Use	
Potential Makalapa Navy Housing Historic District	99002004	**Adverse Effect**	No Adverse Effect	Mauka edge of guideway would be 10-25 ft from the edge of the NRHP boundary; Effects to setting, feeling	No Use	No Use	Consider potential for constructive use, no direct effect on district
Navy Upper Tank Farm (fuel storage) (part of NHL)	99001008	No Adverse Effect	No Adverse Effect		No Use	No Use	
Ossipoff's Aloha Chapel, SMART Clinic, a d Navy-Marine Corps Relief Society, Facility 1514 (within boundary of NHL, not contributing resource)	99001008	**Adverse Effect**	No Adverse Effect	Edge of guideway would be 60 ft from the edge of the NRHP boundary and building; Effects to setting only	No Use	No Use	Consider potential for constructive use, no direct effect
Potential Little Makalapa Navy Housing Historic District	99002004	No Adverse Effect	No Adverse Effect		No Use	No Use	
Navy WWII splinterproof shelter, Facility S-51 (part of NHL)	99001008	No Adverse Effect	No Adverse Effect		No Use	No Use	

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Property Name	TMK Parcel No.	FEIS–Section 106	DEIS–Section 106	Section 106 Comments	FEIS Section 4(f) Use	DEIS Section 4(f) Use	4(f) Comments
Rehab Center / Former Navy Fire Station, Facility 199 (part of NHL)	99001008	No Adverse Effect	No Adverse Effect		No Use	No Use	
Hawaii Employers Council	11016004	**Adverse Effect**	No Adverse Effect	Guideway would be 100 feet from the Koko Head edge of the NRHP boundary and building; would obstruct views to the park, Downtown and mountain; Effects to setting, feeling & association	No Use	No Use	Consider potential constructive use, no direct effect
Gaspro Store	12013007	No Adverse Effect	No Adverse Effect		No Use	No Use	
Foremost Dairy	12013006	No Adverse Effect	No Adverse Effect		No Use	No Use	
Lava Rock Curbs	N/A	**Adverse Effect**	No Effect	Lava rock curbstones would be removed along makai edge of Dillingham Blvd; Effects to location, design, setting, materials, workmanship, feeling and association	**Direct Use**	**Direct Use**	
Pu'uhale Market	12012014	No Adverse Effect	No Adverse Effect		No Use	No Use	
Afuso House	12009017	**Adverse Effect**	**Adverse Effect**	The guideway would be 10 ft from mauka edge of NRHP boundary and 25 feet from the building; Effects to location, design, setting, feeling and association	**Direct Use**	**Direct Use**	Acquisition, including building
Higa Four-plex	12009017	**Adverse Effect**	**Adverse Effect**	The guideway would be 10 ft from mauka edge of NRHP boundary and the building; Effects to location, design, setting, feeling and association	**Direct Use**	**Direct Use**	Acquisition, including building

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Property Name	*TMK Parcel No.*	*FEIS–Section 106*	*DEIS–Section 106*	*Section 106 Comments*	*FEIS Section 4(f) Use*	*DEIS Section 4(f) Use*	*4(f) Comments*
Teixeira House	12009018	**Adverse Effect**	**Adverse Effect**	The guideway rail structure and passenger station platform will be within Dillingham Blvd and within portions of parcel and NRHP boundary containing the building; Effects to location, design, setting, materials, workmanship, feeling and association	**Direct Use**	**Direct Use**	Full acquisition, including building
Pang Craftsman-style House	12009060	No Adverse Effect	No Effect		No Use	No Use	
10 Courtyard Houses	12002113	No Adverse Effect	No Adverse Effect		No Use	No Use	
Duarte House	12002108	No Adverse Effect	No Adverse Effect		No Use	No Use	
Boulevard Saimin	15029060	No Adverse Effect	**Adverse Effect**		**Direct Use (De Minimis)**	**Direct Use**	Minor parcel acquisition (.01 acre), close to building – confirm acquisition for FEIS
True Kamani Trees	N/A	**Adverse Effect**	**Adverse Effect**	All of the true kamani trees would be removed along the makai edge of Dillingham Blvd; Effects to location, design, setting, materials, workmanship, feeling and association	**Direct Use**	**Direct Use**	Removal of approx. 28 trees
Kapalama Canal Bridge	N/A	**Adverse Effect**	No Effect	Guideway would be 30 feet above the bridge; Effects to setting, feeling & association	**Direct Use**	**Direct Use**	Widen to median across it, will add two columns on the banks, adding lane to makai side, they will design new bridge rail to have similar look to meet current safety standard
Six Quonset Huts	15015008	No Adverse Effect	No Adverse Effect		**Direct Use (De Minimis)**	**Direct Use (De Minimis)**	Minor strip acquisition (0.1 acres), along Dillingham Blvd
Institute for Human Services / Tamura Building	15007033	**Adverse Effect**	No Adverse Effect	Guideway would be 10-20 ft from the 'Ewa edge of the NRHP boundary and building; Effects to setting, feeling & association		No Use	Consider potential constructive use, no direct effect
Tong Fat Co.	15007003	No Adverse Effect	No Adverse Effect		No Use	No Use	

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Property Name	TMK Parcel No.	FEIS–Section 106	DEIS–Section 106	Section 106 Comments	FEIS Section 4(f) Use	DEIS Section 4(f) Use	4(f) Comments
Wood Tenement Buildings behind Tong Fat Co.	15007003	No Adverse Effect	No Adverse Effect		No Use	No Use	
Oahu Railway & Land Company Terminal Building	15007001, 15007002	**Adverse Effect**	No Adverse Effect	The Koko Head edge of the guideway would be 100-150 ft from the building; 50 ft wide ROW corridor would be acquired on the property & within the NHRP boundary; Effects to location, design, setting, feeling & association	**Direct Use**	No Use	Consider De Minimis
Oahu Railway & Land Company Office & Document Storage Building	15007001, 15007002	**Adverse Effect**	No Adverse Effect	The Koko Head edge of the guideway would be 150 ft from the building; 50 ft wide ROW corridor would be acquired on the property & within the NHRP boundary; Effects to location, design, setting, feeling & association	**Direct Use**	No Use	Consider De Minimis
Former filling station on OR&L property	15007001	No Adverse Effect	No Adverse Effect		No Use	No Use	
Oahu Railway & Land Company basalt paving blocks	15007001, 15007002	No Adverse Effect	No Adverse Effect		No Use	No Use	
Nu'uanu Stream Bridge	N/A	**Adverse Effect**	No Effect	Guideway would overhang portions of the interior lane of the bridge, but no columns in the median of the bridge spans; Effects to setting (visual character), feeling & association		No Use	Consider potential constructive use, no direct effect on bridge

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Property Name	TMK Parcel No.	FEIS–Section 106	DEIS–Section 106	Section 106 Comments	FEIS Section 4(f) Use	DEIS Section 4(f) Use	4(f) Comments
Chinatown Historic District	Portions of plat maps 17002, 17003, 17004	**Adverse Effect**	No Adverse Effect	The guideway would be constructed in the median of Nimitz Hwy within the makai boundary of Chinatown Historic District and station platform Koko Head of Nu'uan Stream; Effects to design, setting,feeling and association	**Direct Use**	**Direct Use**	Minor parcel acquisition near Chinatown Marketplace (.3 acre), no impact to bldg., need to prepare avoidance analysis for FEIS Consider constructive use for contributing elements in District
Harbor retaining wall of coral blocks from Honolulu Fort	21001056	No Adverse Effect	No Effect		No Use	No Use	
Walter Murray Gibson Building / Honolulu Police Station (part of Merchant Street Historic District)	21002024, 21002057	No Adverse Effect	No Adverse Effect		No Use	No Use	
DOT Harbors Division	21001005	No Adverse Effect	No Adverse Effect		No Use	No Use	
Pier 10/11	21001001	No Adverse Effect	No Adverse Effect		No Use	No Use	
Walker Park	N/A	No Adverse Effect	No Adverse Effect		No Use	No Use	
Irwin Park	21013007	No Adverse Effect	No Adverse Effect		No Use	No Use	
Aloha Tower	21001013	No Adverse Effect	No Effect		No Use	No Use	
Dillingham Transportation Building	21014003	**Adverse Effect**	**Adverse Effect**	Guideway would be 40 ft from the makai edge of the NRHP boundary and building; guideway and station platform adjacent to the building; 2000-sq ft area within NRHP boundary would be acquired; Effects to location, design, setting, materials, workmanship, feeling & association	**Direct Use**	**Direct Use**	Minor parcel acquisition (.06 acre), very close to bldg. – confirm numbers for FEIS
HECO Downtown Plant and Leslie A. Hicks Building	21014006	No Adverse Effect	No Adverse Effect		**Direct Use (De Minimis)**	**Direct Use (De Minimis)**	Minor parcel acquisition (.04 acre), no impact to building

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Property Name	TMK Parcel No.	FEIS–Section 106	DEIS–Section 106	Section 106 Comments	FEIS Section 4(f) Use	DEIS Section 4(f) Use	4(f) Comments
Attorney General's Office / Hale 'Auhau (part of Hawaii Capital Historic District)	21026022	No Effect	No Adverse Effect		No Use	No Use	
Department of Transportation	21031012	No Adverse Effect	No Effect		No Use	No Use	
Royal Brewery / The Honolulu Brewing & Malting Company	21031021	No Effect	No Effect		No Use	No Use	
Old Kakaako Fire Station	21031018	No Effect	No Effect		No Use	No Use	
Kamaka Ukulele	21030014	No Adverse Effect	No Effect		No Use	No Use	
Mother Waldron Playground	21051005, 21051006	**Adverse Effect**	No Adverse Effect		No Use	No Use	Consider potential constructive use, no direct effect
Fuji Sake Brewing Company	21052008	No Adverse Effect	No Adverse Effect		No Use	No Use	
Ching Market and House	21050049	No Effect	No Effect		No Use	No Use	
American Saving Bank / Liberty Bank – Queen-Ward Branch	21050052	No Adverse Effect	No Effect		No Use	No Use	
Pacific Development Office Building	23007029	No Adverse Effect	No Adverse Effect		No Use	No Use	
Hawaiian Life Building	23039023	No Adverse Effect	No Adverse Effect		No Use	No Use	
Ala Moana Building	23039001	No Adverse Effect	No Adverse Effect		No Use	No Use	

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