#### GENERAL NOTES:

- The scope of work for this project includes construction of an elevated pedestrian walkway bridge; construction of retaining walls, drilled shafts, jet grout columns, geosynthetic reinforced soil walls, grading and ground surcharging, sidewalks, ramps, stairs, handrails, concrete curbs and gutters, drainage system, landscaping, irrigation, pathway lighting, video cameras, and street lighting; installation of impact attenuators; pavement markings and signing; installation, maintenance and removal of temporary erosion control measures; and traffic control.
- 2. Subsection 105.16(A) Subcontract Requirements requires the Contractor to perform work amounting to not less than 30 percent of the total contract cost less deductible items.
- 3. The Contractor's attention is directed to the following Sections of the Standard Specifications and the Special Provisions: Subsection 104.09 - Maintenance of Traffic; Subsection 105.09 - Coordination Between the Contractors; Subsection 107.06 -Contractor Duty Regarding Public Convenience; Subsection 107.12 - Protection of Persons and Property; and Section 645 - Work Zone Traffic Control.
- 4. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
- 5. The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of work is possible. The Contractor shall tone for the exact locations and depths of all underground facilities, either shown on or omitted from the plans. Toning shall be considered incidental to the various contract items and will not be paid for separately. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
- The Contractor shall notify the following for any work affecting bus operations, routes, or stops no less than 30 days prior to the start date. Point of contact information (Notification is required to all phone numbers and emails):

DTS-TMD (808) 768-8396 thebusstop@honolulu.gov \$ handivan@honolulu.gov

Oahu Transit Services-Bus Operations (808) 768-9520 \$ (808) 768-9534 John.donovan@thebus.org, Sean-bennett.paio@thebus.org ♦ Field-ops-mgr@thebus.org

Oahu Transit Services - Paratransit Operations (808) 456-5021 Tracie.coelho@thebus.org

- 7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
- 8. The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities, and existing structures from damages due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer.
- 9. The existing drainage system shall be kept functional at all times during construction. Furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.

- 10. Smooth riding connections shall be constructed at all limits of the project, including the beginning and end of project, connecting approaches, and walkways as shown on the plans and/or as ordered by the Engineer. This work shall be considered incidental to the various contract items and will not be paid separately.
- 11. All saw cutting work including vacuuming of slurry shall be considered incidental to the various contract items and will not be paid for separately.
- 12. No material or equipment shall be stockpiled or otherwise stored within highway right-of-way except at locations shown on the plans or designated in writing and approved by the Engineer.
- 13. Contact Hawaiian Telcom Outside Plant Engineering Section, a minimum of 72 hours in advance, prior to start of excavation, to locate existing Hawaiian Telcom facilities.
- 14. When trench excavation is adjacent to existing structures or facilities, the Contractor is responsible for properly sheeting and bracing the excavation and stabilizing the existing ground to render it safe and secure from possible slides, cave-ins, and settlement. Provide beams, struts, or underpinning as necessary. This work shall be considered incidental to the various contract items.
- 15. For night work, the Contractor shall follow all work hours, conditions, and other restrictions as specified in the noise variance and the Special Provisions.
- 16. Work required to complete the project but not itemized specifically in the proposal shall be considered incidental to the various contract items and shall not be paid for separately.
- 17. Coordinates and azimuths are referred to Punchbowl Trig.
- 18. Elevations are referred to NGS Benchmark B 5 (Brass Disk), Elev. = 5.72 FT., MSL. (2019 Vertical Datum).
- 19. All graded areas and all grassed areas damaged by construction activities shall be planted in accordance with Specifications Section 641 - Hydro-Mulch Seeding. This work shall be considered incidental to the various contract items.
- 20. The Contractor shall restore any damaged benchmarks or survey monuments. This work shall be considered incidental to the various contract items.
- 21. The Contractor shall provide and maintain access to and from all existing driveways, sidewalks, ADA access routes complying with 2010 ADAAG Section 206.1, side streets, and cross streets at all times. This work shall be considered incidental to various contract items and will not be paid for separately.
- 22. The Contractor shall coordinate with the Honolulu Police Department Special Duty Section to hire police officers for traffic control operations and transporting project equipment to ensure minimal delay due to lane closures. Payment shall be included in pay item 645.1000 Traffic Control.
- 23. The Contractor shall be responsible for Archaeological Monitoring in accordance to Special Provisions Section 658 - Archaeological Monitoring.
- 24. The Contractor shall be responsible for the protection of endangered species in accordance to the Special Provisions Section 671 - Protection of Endangered Species.

FEDERAL AID PROJ. NO. FISCAL SHEET YEAR NO. FED. ROAD DIST. NO. SHEETS наw. *BLD-092-1(029) 2021* 295 HAWAII

> STATE OF HAWAI'I DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

# GENERAL NOTES

<u>ALA MOANA BOULEVARD</u> ELEVATED PEDESTRIAN WALKWAY Federal Aid Project No. BLD-092-1(029)

SHEETS

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. Pulum Play 30/22 Scale: None

LICENSED

**PROFESSIONAL** 

**ENGINEER** 

√ No. 7269-C

Date: July 2021 SHEET No. *N-3* OF *10* 

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BLD-092-1(029)	2021	5	295

### PUBLIC HEALTH, SAFETY AND CONVENIENCE NOTES:

- 1. The Contractor shall observe and comply with all Federal, State, and Local laws required for the protection of public health and safety and environmental quality.
- 2. The Contractor, at his own expense, shall keep the project and its surrounding areas free from dust nuisance. The work shall be in conformance with the air pollution standards and regulations of the State Department of Health. The City may require supplementary measures as necessary.
- 3. The Contractor's attention is directed to Chapter 448, Public Health Regulations, Department of Health, State of Hawaii, "Community Noise Control for Oahu" in which maximum allowable noise levels have been set. If the construction activities for this project will exceed the allowable noise levels, the Contractor will be required to obtain a permit from the Director of the Department of Health. The Contractor shall obtain a copy of Chapter 448 and become familiar with the noise level restrictions and the procedures for obtaining a Permit for construction activities.
- 4. The Contractor is to comply with the directions of the State of Hawaii Occupation Safety and Health Law (DOSH).

PROFESSIONAL ENGINEER

STATE OF HAWAI' DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

## **GENERAL NOTES**

ALA MOANA BOULEVARD ELEVATED PEDESTRIAN WALKWAY Federal Aid Project No. BLD-092-1(029)

Date: July 2021 Scale: None

SHEET No. *N-4* OF *10* 

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	
HAWAII	HAW.	BLD-092-1(029)	2021	6	295	

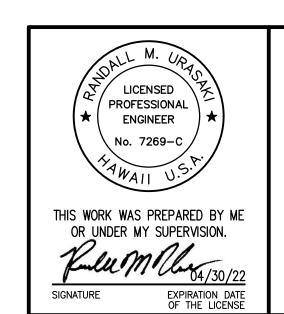
### TRAFFIC SIGNALS AND TECHNOLOGY DIVISION NOTES:

- 1. The Contractor shall notify the Traffic Signals and Technology Division, Department of Transportation Services, three (3) working days prior to commencing work on the traffic signal system (Phone: 768-8388).
- 2. The traffic signal system shall be kept operational during construction. Any relocation required shall be approved by the Traffic Signals and Technology Division, Department of Transportation Services, and paid for by the Contractor.
- 3. The Contractor shall be responsible for any damages to the existing traffic signal facilities, including but not limited to the traffic signal fiber optic cable system, and interconnect system. Any and all damages to these facilities shall be repaired by the Contractor at his cost in accordance with the requirements of the Traffic Signals and Technology Division.

### TRAFFIC NOTES (WITHIN CITY RIGHT-OF-WAY):

- 1. A permit shall be obtained from the Department of Transportation Services before work on any portion of a public street or highway may begin. Construction traffic control plans approved by the Department of Transportation Services and/or the Department of Planning and Permitting must be provided when applying for the permit.
- 2. The Contractor shall provide, install and maintain all necessary signs and other protective facilities, which shall conform to the "Hawaii" Administration Rules Governing the Use of Traffic Control Devices at Work Site on or Adjacent to Public Streets and Highways" adopted by the Director of Transportation, and the current U.S. Federal Highways Administration's "Manual on Uniform Traffic Control Devices for Streets and Highways, Part VI - Traffic Controls for Street and Highway Construction and Maintenance Operations,"
- 3. Work on any City street area may be performed only between the hours of 8:30 a.m. to 3:30 p.m., Monday through Friday, unless otherwise permitted by the Department of Transportation Services.
- 4. During working hours, the Contractor shall provide for through traffic. During non-working hours, all trenches shall be covered with a safe non-skid bridging material and all lanes shall be open to traffic.
- 5. As required by the Department of Transportation Services, the Contractor shall provide off-duty police officers to control the flow of traffic.
- 6. Where pedestrian walkways exist, they shall be maintained in passable condition in accordance with ADAAG 206.1 and 402.1, or other facilities for pedestrians shall be provided. Passage between walkways at intersections shall likewise be provided.
- 7. Driveways shall be kept open unless the owners of the property using these rights-of way are otherwise provided for satisfactorily.
- 8. The Contractor shall reference to the approval of the Department of Transportation Services and the Department of Planning and Permitting, all existing traffic signs, posts and pavement markings prior to the commencement of construction. The Contractor shall replace or repair all traffic signs, posts and pavement markings disturbed by his activities.
- 9. The Contractor shall notify the Civil Engineering Branch, Department of Planning and Permitting, at 768-8084 to arrange for inspectional services and submit four (4) sets of approved Construction Plans seven (7) days prior to commencement of work to be done on signs, posts and pavement markings.

- 10. No equipment shall be stored within street rights-of-way except at locations designated in writing and approved by the Department of Transportation Services.
- 11. Department of Transportation, Highways Division, shall ensure that the Contractor installs the construction traffic control devices in accordance with the MUTCD and the Hawaii Administration Rules as specified in Traffic Note #2.



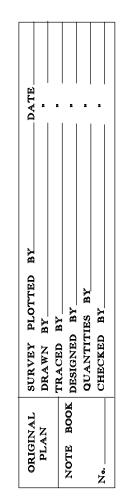
STATE OF HAWAI'I DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

GENERAL NOTES

ALA MOANA BOULEVARD ELEVATED PEDESTRIAN WALKWAY Federal Aid Project No. BLD-092-1(029)

Scale: None Date: July 2021

SHEET No. *N-5* OF *10* SHEETS



LEGEND:				ABBREV	/IATIONS:		FED. ROAD DIST. NO. STATE FEDERAL AID PROJ. NO. FISCAL SHEET NO. SHEETS  HAWAII HAW. BLD-092-1(029) 2021 7 295	
<u>EXISTING</u>				AC	Asphalt Concrete			
				APPROX.	Approximate	PCC	Portland Cement Concrete	
<del></del>	BFP	( <u>(</u> )	SMH	<b>₽</b>	Baseline	P/L	Property Line	
	CATV BOX	<b>©</b>	SEWER VALVE	BC BFP	Bottom Curb Back Flow Preventer	PSL	Pedestrian Signal Light	
	$\sim$ 0	<u></u>	8" SEWER LINE	BOT.	Bottom	REF	Reflector	
<b>©</b>	C.O.	<u>8</u>	O SEWER LINE	BW	Bottom Wall	RPM R/W	Raised Pavement Marker Right of Way	
	DI	<del>SC</del>	SIGNAL CORPS LINE	<b>¢</b>	Centerline	S	Sewer or Spread	
0	D.S.		S.L.	C	Chord	SC	Signal Corps	
				CATV	Catch Pacin	SCMH	Signal Corps Manhole	
\$	DSP		SLB	C.B. C.L.	Catch Basin Chain Link	SDMH	Storm Drain Manhole	
	– 24" DRAIN LINE	<b>§</b>	SPR	CMU	Concrete Masonry Unit	S.E.	Super Elevation	
Z #				C.O.	Clean Out	S.L. SLB	Street Light Street Light Box	
——— E/TV ———	ELECTRIC/TV LINE		STREET MONUMENT	COL.	Column	SMH	Sewer Manhole	
	– ELEC. BOX		TEL BOX	COMM.	Communication		Street Name	
	ELEC MH	$\otimes$	TEL. MH	CONC.	Concrete Dubble Massage	STA.	Station	
	ELEC MA	igoplus	I E L. MITI	CRM D	Concrete Rubble Masonry Diameter or Drain	TC	Top Curb	
	ELEC. BOX	TEL	TELEPHONE LINE	DI DI	Drain Inlet	TDC	Top Drop Curb	
	ELEC TRANSFORMER		TREE	<b>D.S.</b>	Down Spout	T/TEL. TMH	Telephone/Tangent Telephone Manhole	
	LLLO TIVANSI ONIMEN			DSP	Dry Stand Pipe	TP	Top Pipe	
0	E.O.	0	TSL	DWY	Driveway	TS	Top Stem	
	F.A. BOX		TSLB	E/D42	Existing 42" Drain Pipe	TSL	Traffic Signal Light	
				E/ELEC. ELEV/EL.	Electric Elevation	TSLB	Traffic Signal Light Box	
<del>\</del>	FH	<b>○</b>	U.P/S.L.	EMH	Electric Manhole	TV	Top Valve	
——————————————————————————————————————	2" GAS LINE	•	U.P./CONDUIT	E.O.	Electric Outlet	TW U.P.	Top Wall Utility Pole	
	$\cap D$		UTILITY BOX	EP	Edge of Pavement	u.P./S.L.	Utility Pole w/Street Light	
	G.P.		UTILITI BUX	F.A.	Fire Alarm	W	Water	
	G.W.		U.S. POSTAL M.B.	FH	Fire Hydrant	W <i>M</i>	Water Meter	
<b>9</b>	H <b>.</b> B.		6" WATERLINE	G GND.	Gas Ground	WMH	Water Manhole	
		O		G.P.	Guard Post/Guy Pole/Gate Post	WV	Water Valve Box	
<b>⊗</b>	ICV		WM	GV	Gas Valve	X-WALK	Cross Walk	
	ICV BOX		WMH	G.W.	Guy Wire			
			14/17	Н	Height			
	L.P.	<b>⊕</b>	WV	H.B. HMA	Hose Bib			
	MB			ICV	Hot Mix Asphalt Irrigation Control Valve			
	MH			INV.	Invert			
	IVIII			JPCP	Jointed Pre-cast Concrete Pavement			
——··———··	- OVERHEAD LINE			L.P.	Lamp Pole / Light Pole			
	PBX			MB	Mail Box	N M	STATE OF HAWAI'I	
				MH NTS	Manhole Not to Scale	A LICEN	DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
	PSL			N13 0/H	Overhead	★ PROFESS	SIONAL XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
•	RISER			PBX	Penal Box	No. 72	U.S.P.	
	SCMH					THIS WORK WAS F	PREPARED BY ME  ALA MOANA BOULEVARD  FUEL ATTERNATION OF THE PROPERTY OF THE P	
	SCMH					OR UNDER MY	SUPERVISION.  ELEVATED PEDESTRIAN WALKWAY  Federal Aid Project No. BLD-092-1(029)	
	SDMH					SIGNATURE	EXPIRATION DATE OF THE LICENSE Scale: None Date: July 2021	
							SHEET NO. N-6 OF 10 SHEETS	

SHEET No. *N-6* OF *10* SHEETS