

PUBLIC HEALTH, SAFETY, AND CONVENIENCE NOTES

1. Contractor shall observe and comply with all federal, state, and local laws required for the protection of public health, 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 State shall require supplementary measures if required.
3. The Contractor shall be responsible for the cleaning and removal of all silt and debris generated by his work and deposited and accumulated within downstream waterways, ditches and drain pipes and public and private roadways. The Contractor agrees to reimburse the State for all costs expended in performance of above work if required for public health and safety or made necessary by non-performance by the Contractor.
4. The Contractor shall not perform any construction operation so as to cause falling rocks, soil or debris in any form to fall, slide or flow into existing city drainage systems, or adjoining properties, streets or natural watercourses. Should such violations occur, the Contractor may be cited and the Contractor shall immediately make all remedial actions necessary.
5. The Contractor shall provide, install and maintain all necessary signs, lights, flares, barricades, markers, cones, and other protective facilities and shall take all necessary precautions for the protection, convenience and safety of the public.
6. The Contractor's attention is directed to HAR Title 11 Chapter 46, Public Health Regulations, Department of Health, State of Hawaii, "Community Noise Control," in which maximum permissible noise levels have been set. If the construction work requires a permit from the Director of Health, the Contractor shall obtain a copy of Chapter 46 and become familiar with the noise level restrictions and the procedures for obtaining a permit for the construction activities. Application and information on variances are available from the Environmental Protection and Health Services Division, Indoor and Radiological Health Branch, 99-945 Halawa Valley Street, Aiea, HI 96701 or by telephone (586-4700).

GRADING NOTES

1. All grading work shall be done in accordance with Chapter 14, Articles 13, 14, 15 and 16, as related to grading, soil erosion and sediment control, of the Revised Ordinances of Honolulu, 1990, as amended and applicable provisions of Chapter 54, Water Quality Standards and Chapter 55, Water Pollution Control, Title II, Administrative Rules of the State Department of Health.
2. No Contractor shall perform any grading operation as to cause falling rocks, soil or debris in any form to fall, slide or flow onto adjoining properties, streets or natural watercourses. Should such violations occur, the contractor may be cited and the Contractor shall immediately make all remedial actions necessary.

GRADING NOTES (CONT.)

3. The Contractor, at his own expense, shall keep the project area and surrounding area free from dust nuisance. The work shall be in conformance with the air pollution control standards contained in the Hawaii Administrative Rules, Title 11, Chapter 60.1, "Air Pollution Control".
4. The underground pipes, cables or ductlines known to exist by the engineer from his search of records are indicated on the plans. The Contractor shall verify the locations and depths of the facilities and exercise proper care in excavating in the area.
5. Best Management Practices shall be installed to prevent surface waters from damaging the cut face of an excavation or the sloped surfaces of a fill. Furthermore, Best Management Practices shall be installed to prevent sediment-laden runoff from leaving the site.
6. No grading work shall be done on Saturdays, Sundays and holidays at any time without prior notice and approval from the Engineer.
7. The limits of the area to be graded shall be flagged before the commencement of the grading work.
8. Where applicable and feasible, the measures to control erosion and other pollutants shall be in place before any earth moving phase of the grading is initiated.
9. Temporary erosion controls shall not be removed before permanent erosion controls are in-place and established.
10. All grading and construction work shall implement measures to ensure that the discharge of pollutants from the construction site will be reduced to the maximum extent practicable and will not cause or contribute to an exceedance of water quality standards.
11. Non-compliance to any of the above requirements shall mean immediate suspension of all work, and remedial work shall commence immediately. All costs incurred shall be billed to the violator. Furthermore, violators shall be subjected to administrative, civil and/or criminal penalties.

ABBREVIATIONS

AC, ac	Asphalt Concrete	Min.	Minimum
AH.	Ahead	NTS	Not to Scale
BK.	Back	a.c.	On Center
BL	Baseline	O/H	Overhead
BMP	Best Management Practices	o/s	Offset
		PC	Point of Curvature
Bott.	Bottom	PERM.	Permanent
CL	Centerline	PI	Point on Intersection
CL	Chain Link	PID	Project Identification Number
Clr.	Clearance		
Conc.	Concrete	POC	Point on Curvature
Def.	Detail	PT	Point of Tangency
Dia.	Diameter	R	Radius
EA	Each	Rt.	Right
EB	Eastbound	r/w	Right-of-Way
EC	Erosion Control	S	Slope
Elev	Elevation	SFM	Sewer Force Main
EQ	Equal	sl	Street Light
ep	Edge of Pavement	SLB	Street Light Box
es	Existing Edge of Shoulder	Sta.	Station
		Std.	Standard
etw	Existing Edge of Travel Way	ST. MON.	Street Monument
exist.	Existing	sym.	Symbol
ftg.	Footing	t	Telephone
gdi	Grated Drain Inlet	T/thk	Thick
G.W.	Guy Wire	TC	Traffic Control
I.D.	Inside Diameter	TCP	Traffic Control Plan
I.E./inv.	Invert Elevation	Typ.	Typical
L	Length	UG	Underground
Lt.	Left	U.N.O.	Unless Noted Otherwise
Max.	Maximum	U.P.	Utility Pole
M.H.	Matchline	w	Water
		W	Width

LEGEND

	Property Line		Access Permitted
	Limits of Work		No Vehicular Access Permitted
	Centerline		No Access Permitted
	Temporary Fiber Roll		Limited Access as Noted on Plans
	Runoff Direction		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-02-21	2022	4	25

ORIGINAL PLAN

DESIGNED BY

NOTED BY

CHECKED BY

DATE

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EROSION CONTROL AND BEST MANAGEMENT PRACTICES FOR STORM WATER PERMIT COMPLIANCE PHASE 2

Project No. HWY-O-02-21

Scale: None

Date: April 2022

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

CONSTRUCTION NOTES,

LEGEND, AND ABBREVIATIONS

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