FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS		
HAWAII	HAW.	36C-01-10	2020	8	35		

LEGEND

d24	Existing 24" Drain Line
□ di	Existing drain inlet
© mon.	Existing Street Monument
	Adjusted Street Monument
o	Existing Traffic Sign
þ	New Traffic Sign
_0 0 0	Existing Guardrail
××	Existing Chain Link Fence
	Existing Gate
to the State of th	Existing Tree
	Existing Shrub or Bush
010.00	Existing Ground Elevation
10.00	Finished Grade Elevation
··1()	Existing Ground Contour
<u> </u>	Finished Grade Contour
	Limit of Grading
$\overline{}$	Top of Bank (Fill Condition)
	Bottom of Bank
	Top of Bank (Cut Condition)
	Bottom of Bank
~~ ~	Drainage Flow or Stream Flow Direction

<u>ABB</u>	<u>RE\</u>	/IA7	<u> 10</u>	<u>NS</u>

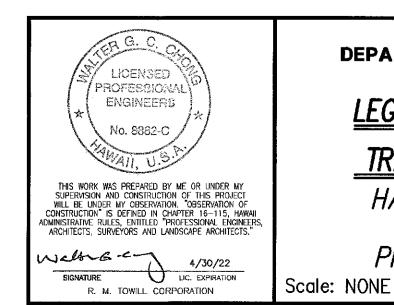
AC	Asphaltic Concrete	NB	North Bound
approx.	approximate	NO.	Number
<u>B</u>	Baseline	O.C.	on center
bb	Bottom Bank	0/S	Offset
B.V.C.	Begin Vertical Curve	Pavt.	Pavement
BW	Bottom of Wall	PC	Point of Curvature
C	Length of Chord	PCC	Portland Cement Concre
¢	Centerline	P.I.	Point of Intersection
	Catch Basin	V.C.	Vertical Curve
CB Otra			Property Line
Clr.	Clearance	PT	Point of Tangent
C.O.	Cleanout	R (Radius
CMU	Concrete Masonry Unit	r/w	Existing RIght—of—Way
Conc.	Concrete	R/W	New Right—of—Way
Conn.	Connection	RC DOD	Reinforced Concrete
C.Y.	Cubic Yards	RCP	Reinforced Concrete Pipe
Dim.	Dimension	Rd.	Road
Det.	Details	Refl.	Reflector
Dia.	Diameter	Rt. S	Right Slope
Dwgs.	Drawings	SB	South Bound
ер	Existing Edge of Pavement	SE	Superelevation
SP EP	New Edge of Pavement	S/W	Sidewalk
L	•	Shidr.	Shoulder
1	existing property line	Sht.	Sheet
es	Existing Edge of Shoulder	Shts.	Sheets
ES	New Edge Of Shoulder	SF	square feet
ex.	existing	Sta.	Station
exist.	existing	Struct.	Structural
E.V.C.	End Vertical Curve	Τ	Tangent
FT	Feet	tb	Top Bank
FUT.	Future	Temp.	Temporary
GRP	Grouted Rubble Paving	Thk.	Thick
HGL	Hydraulic Grade Line	TMK	Tax Map Key
Hwy.	Highway	TW	Top of Wall
Inv.	Invert	Typ.	Typical
lbs.	Pounds	VC	Vertical Curve
Lc	Length of Curve	w8	Existing 8" Water Line
		W8	New 8" Water Line
LF	Linear Feet	w12	Existing 12" Water Line
Lt.	Left	W12	New 12" Water Line
Max.	Maximum	w16	Existing 16" Water Line
Min.	Minimum	W16	New 16" Water Line
		Ø	Diameter
		_	

Delta

Half Delta

GENERAL NOTES FOR TRAFFIC CONTROL PLAN:

- 1. The Permittee shall make minor adjustments at intersections, driveways, bridges, structures, etc., to fit field conditions.
- 2. Cones or delineators shall be extended to a point where they are visible to approaching traffic.
- 3. Traffic control devices shall be installed such that the sign or device farthest from the work area is placed first. The others shall then be placed progressively towards the work area.
- 4. Regulatory and warning signs within the construction zone that are in conflict with the traffic control plans shall be removed or covered. All signs shall be restored upon completion of the work.
- 5. Flaggers and/or Police Officers shall be in sight of each other or in direct communication at all times.
- 6. When required by the issuing office, the Permittee shall install a flashing arrow signal as shown on the traffic control plans.
- 7. All traffic lanes shall be a minimum of 10 feet wide.
- 8. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
- 9. The back of all signs used for traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e., when signs have messages on both faces).
- 10. Lane closure shall be limited only to the extent of accomplishing each day's work. As soon as each day's work is completed, the Permittee shall remove all traffic control devices no longer needed to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation. Existing faded or obliterated pavement markings that are with temporary or permanent markings before opening the roadway to public traffic each day.
- 11. Permanent pavement markings and traffic signs shall be replaced upon completion of each phase of work.
- 12. Cones and delineators shall spaced at a maximum distance of 20 feet apart. a minimum of six channelizing devices shall be used for each taper length.
- 13. Driveways shall be kept open unless the owners of the property using the right—of—way are otherwise provided for satisfactorily. Further, the Permittee shall control traffic going in and out of driveways.
- 14. At the end of each day's work or as soon as the work is completed, the Permittee shall remove all traffic control devices no longer needed to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation.
- 15. Replace permanent pavement markings and traffic signs upon completion o each phase of work.
- 16. All work zone traffic control devices shall comply with the "Statewide Guideline for Work Zone Traffic Control Devices" dated September 13, 2000 and be compliant with chapter 6 of the MUTCD.



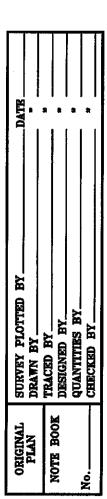
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEGEND, ABBREVIATIONS &

TRAFFIC CONTROL NOTES

HANA HIGHWAY ROCKFALL MITIGATION MP12 PROJECT NO. 36C-01-10

SHEET No. G-7 OF 35 SHEETS



MARCH 2020