

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	3	46

GENERAL NOTES

- The scope of work for this project includes full depth concrete deck repair and restoring pavement markings.
- The Contractor's attention is directed to the following Sections of the Standard Specifications: Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 104.11 - Utilities And Services; and Section 645 - Work Zone Traffic Control.
- 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.
- The existence and location of underground utilities, manholes, monuments, buried railroad tracks, and concrete pavements, and other structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The Contractor shall make an independent check on the ground by probing and/or with the various utility companies and governmental agencies to verify the exact locations and depths of the existing utilities and obstructions. The Contractor shall exercise proper care in excavating in the area. Whenever connections of new utilities to existing utilities are shown on the plans, the Contractor shall expose the existing lines at the proposed connection to verify their location and depth prior to excavating for the new lines. 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 State in writing, two (2) weeks prior to starting paving operations.
- Existing drainage system will be functional at all times during construction. The Contractor is to furnish material, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.
- The Contractor shall provide and maintain for access to and from all existing driveways, sidewalks and A.D.A. access routes, and side streets and cross streets at all times. This work shall be considered incidental to the various contract items and will not be paid for separately.
- All saw cutting work shall be considered incidental to Roadway Excavation.
- Smooth riding connections shall be constructed at all times on the project, including the beginning and end of the project, connecting approaches, side streets, walkways and driveways as shown on the plans and/or as directed by the Engineer.
- The Contractor shall be solely responsible for the protection of adjacent properties, utilities and existing structures from the damages due to construction. Repairing of any damage shall be at the Contractor's own expense, to the satisfaction of the owner.
- The Contractor shall clean and remove all accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to the various contract items and will not be paid for separately.
- Removal and disposal of existing curb and gutter, curb, sidewalk, asphalt concrete pavement, and any debris shall be considered incidental to Roadway Excavation and will not be paid for separately.
- The Contractor shall provide and maintain a temporary pedestrian-safe and easily accessible route or detour with barricades in or near the work zone. This temporary route or detour shall be stable, firm and

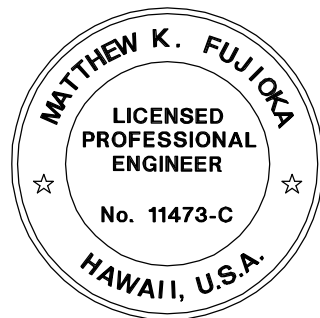
slip-resistant and shall be Americans With Disabilities Act compliant (This only applies if existing surface is non-A.D.A. compliant). This work shall be incidental to all contract items and will not be paid for separately.

- The Contractor shall remove and dispose of all existing raised pavement markers, thermo plastic striping, traffic tapes, and epoxy adhesives prior to full concrete deck repair activities and will not be paid for separately. These work items shall be considered incidental.
- The Contractor shall adjust flush to finish grade all manhole, valve, pullbox, and handhole frames and covers, including those not shown on the plans, if there is a change in grade due to construction of the project. If the proposal does not show a contract item, the Engineer will consider them incidental to the various contract items.
- The Contractor shall follow the lane closure restrictions listed below:
 - No inbound lanes will be closed Monday thru Friday during AM peak hours (4:30 AM to 9 AM), and
 - No outbound lanes will be closed Monday thru Friday during PM peak hours (2:30 PM to 8 PM), and
 - No lane closures will be permitted in the outbound direction until the AM Zipper lane barrier is relocated back to the stored position in the project area, including the removal of all cones and signs along the AM contraflow route.
 - No lanes will be closed from Friday 2:30 PM to Sunday 8 PM unless justification can be provided by the Contractor and approved by the Department.
 - A minimum of two inbound and two outbound travel lanes must be operational during working hours, excluding requirements noted during AM Zipper Lane deployment.
- Unprotected dropoffs greater than 2 inches shall not be allowed during non-working hours, except where approved by the Engineer in writing.
- No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing and approved by the Engineer.
- After the project is completed, the Contractor shall restore grades and ground cover disturbed as a result of the project to a condition equal or better than existing before such damage or injury was done.
- Existing utilities shall remain in service and in place at all times. If relocation of the existing utilities is required by the Contract Documents or for the Contractor's convenience, interruption of service shall be kept to a minimum and shall be done at the Contractor's expense with the approval of the affected utility company.
- The Contractor shall verify all dimensions and details shown on the drawings prior to the start of construction. Any discrepancy shall be immediately brought to the attention of the Engineer.

- All construction work shall be done in accordance with the standards and specifications of the HDOT as amended, unless otherwise specified by the contract plans and specifications.
- The Contractor shall comply with State of Hawaii Department Of Health Noise Variance Permit conditions.

QC/QA REVIEW	100%	DATE	June 1, 2016
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ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

SIGNATURE: *Matthew K. Fujita* 4/30/18
EXPIRATION DATE OF THE LICENSE

**LEGEND FOR
AS-BUILT POSTINGS**

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Roadway Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**NOTES**

INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016



GENERAL NOTES (Cont.)

24. No Contractor shall perform any construction operation so as to cause falling rocks, soil or debris in any form to fall, slide or flow into existing County 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.
25. Tack coat shall be incidental to the various asphalt concrete pavement items.
26. The Contractor shall be held liable for any damages incurred to the existing landscaping as a result of his operations.
27. Contractor shall notify the State construction inspector before commencement of work on any site with trees in close proximity (20'±).
28. Contractor shall comply with conditions as stated in the project NPDES Notice of General Permit Coverage (NGPC).
29. The Contractor must notify the Cadastral Section prior to removal of any State Survey Monument (Brass Disk) so that Cadastral can reference the monument prior to demolition of the existing monument. The Contractor shall bear all costs involved in restoring the State Survey Monuments which are affected by their work.
30. Work may be performed only between the hours of 8:30 a.m. and 3:30 p.m., Monday through Friday, except holidays, unless otherwise permitted by the Engineer.
31. All necessary permits for work within the jurisdiction of the C&C of Honolulu shall be obtained by the Contractor at his own cost.

NOTES FOR GENERAL CONSTRUCTION

1. All construction work is to be constructed in accordance with the publications "Hawaii Standard Specifications for Road, Bridge and Public Works Construction 2005" and its amendments and "Standard Details for Public Works Construction" and its amendments.
2. No grading between 7 p.m. To 7 a.m.. on any given day or on Saturdays, Sundays and Holidays without written permission from the State Department of Health.
3. Construction shall start within a period of one year from the date of approval of construction plans; if construction does not commence within this one-year time from the date of approval, the construction plans will need to be resubmitted to all agencies for review and approval.
4. All grading, grubbing and stockpiling work shall be performed in accordance with City and County of Honolulu regulations..
5. During cleaning operations, the Contractor shall supply a water truck for dust control purposes until vegetation has re-established itself. Excess water, including silt and dirt shall not be allowed to run-off the project site.

LEGEND

|                 |                              |
|-----------------|------------------------------|
| — — — E — — —   | New Electrical Line          |
| — — — e — — —   | Existing Electrical Line     |
| •JP             | Relocated Joint Pole         |
| ○jfp            | Existing Joint Pole          |
| •PP             | Relocated Power Pole         |
| ○pp             | Existing Power Pole          |
| ○emh            | Existing Electrical Manhole  |
| — — — l — — —   | Existing Telephone Line      |
| ○lp             | Existing Telephone Pole      |
| ○lmh            | Existing Telephone Manhole   |
| —— SC ——        | New Signal Corps Line        |
| —— sc ——        | Existing Signal Corps Line   |
| □ cfb           | Existing Cable TV Pullbox    |
| —— c ——         | Existing Cable TV Line       |
| —— w12 ——       | Existing 12" Water Line      |
| ○wmh            | Existing Water Manhole       |
| ○av             | Existing Water Air Valve     |
| ○wv             | Existing Water Valve Box     |
| □wm             | Existing Water Meter         |
| ○fh             | Existing Fire Hydrant        |
| — — — GR — — —  | New Guard Rail               |
| — — — gr — — —  | Existing Guard Rail          |
| -----           | New Right-of-Way             |
| -----           | Existing Right-of-Way        |
| ----- S12 ----- | New 12" Sewer Line           |
| ----- s12 ----- | Existing Sewer Line And Size |
| ○smh            | Existing Sewer Manhole       |
| — — — g6 — — —  | Existing 6" Gas Line         |
| ○gv             | Existing Gas Valve Box       |
| ○gmh            | Existing Gas Manhole         |
| ●MON.           | New Monument                 |
| ●mon.           | Existing Monument            |

24" RCP

|                 |                                       |
|-----------------|---------------------------------------|
| ----- d24 ----- | Existing 24" Drain Line               |
| •SDMH           | New Storm Drain Manhole Frame & Cover |
| ○sdmh           | Existing Storm Drain Manhole          |
| □GDI            | New Grated Drop Inlet                 |
| □gdi            | Existing Grated Drop Inlet            |
| CB              | New Catch Basin                       |
| cb              | Existing Catch Basin                  |
| ▮               | New Traffic Sign                      |
| ▮               | Existing Traffic Sign                 |
| ○               | New Highway Lighting Standard         |
| ○               | Existing Highway Lighting Standard    |
| ⊠               | New Traffic Signal Pullbox            |
| ⊠               | Existing Traffic Signal Pullbox       |
| ⊠               | Existing Traffic Signal Control Box   |
| ⊗               | Existing Traffic Signal Pole          |
| □□□             | New Loop Detector                     |
| □□□             | Existing Loop Detector                |
| 14.50 /         | New Pavement Grade                    |
| 14.50 /         | Existing Pavement Grade               |

|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
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| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 4         | 46           |

ABBREVIATIONS

|            |                             |
|------------|-----------------------------|
| A.C., a.c. | Asphalt Concrete            |
| #          | Baseline                    |
| E.P.       | New Edge Of Pavement        |
| E.S.       | New Edge of Shoulder        |
| e.p.       | Existing Edge Of Pavement   |
| e.s.       | Existing Edge of Shoulder   |
| N.B., n.b. | Northbound                  |
| P.C.       | Point Of Curvature          |
| P.C.C.     | Point Of Compound Curvature |
| P.C.C.     | Portland Cement Concrete    |
| P.I.       | Point Of Intersection       |
| P.O.C.     | Point on Curvature          |
| P.T.       | Point Of Tangency           |
| R          | Radius                      |
| S.B., s.b. | Southbound                  |
| S.E.       | Superelevation              |
| M.C.B      | Movable Concrete Barrier    |

LEGEND FOR AS-BUILT POSTINGS

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Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NOTES

INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2016

SHEET No. 2 OF 4 SHEETS

WATER POLLUTION AND EROSION CONTROL NOTES:

| | | | | | |
|------------------------|-------|-----------------------|----------------|--------------|-----------------|
| FED. ROAD
DIST. NO. | STATE | FED. AID
PROJ. NO. | FISCAL
YEAR | SHEET
NO. | TOTAL
SHEETS |
| HAWAII | HAW. | BR-HI-1 (263) | 2012 | 5 | 46 |

A. GENERAL:

- See Section 209 - Water Pollution and Erosion Control. Section 209 describes but is not limited to: submittal requirements; scheduling of a water pollution and erosion control conference with the Engineer; construction requirements; method of measurement; and basis of payment.
- Effective October 1, 2008, follow the guidelines in the "Construction Best Management Practices Field Manual", dated January 2008 in developing, installing and maintaining the Best Management Practices (BMP) for the project.
- Follow the guidelines in the Honolulu's City & County "Rules Relating to Soil Erosion Standards and Guidelines" along with applicable Soil Erosion Guidelines for projects on Maui, Molokai, Kauai, and Hawaii.
- The Engineer may assess liquidated damages of up to \$27,500 for non-compliance of each BMP requirement and each requirement stated in Section 209, for every day of non-compliance. There is no maximum limit on the amount assessed per day.
- The Engineer will deduct the cost from the progress payment for all citations received by the Department for non-compliance, or the Contractor shall reimburse the State for the full amount of the outstanding cost incurred by the State.
- For projects that require an NPDES Permit from the Department of Health, install a rain gage prior to any field work including the installation of any site-specific best management practices. The rain gage shall have a tolerance of at least 0.05 inches of rainfall, and have an opening of at least one-inch in diameter. Install the rain gage on the project site in an area that will not deter rainfall from entering the gage opening. The rain gage installation shall be stable and plumbed. Do not begin field work until the rain gage is installed and site-specific best management practices are in-place.

B. WASTE DISPOSAL:

- Waste Materials
Collect and store all waste materials in a securely lidded metal dumpster. The dumpster shall meet all local and State solid waste management regulations. Deposit all trash and construction debris from the site in the dumpster. Empty the dumpster a minimum of twice per week or as often as is deemed necessary. Do not bury construction waste materials onsite. The Contractor's supervisory personnel shall be instructed regarding the correct procedure for waste disposal. Post notices stating these practices in the office trailer and the Contractor shall be responsible for seeing that these procedures are followed.
- Hazardous Waste
Hazardous Waste Dispose all hazardous waste materials in the manner specified by local or State regulations and by the manufacturer. The Contractor's site personnel shall be instructed in these practices and shall be responsible for seeing that these practices are followed.
- Sanitary Waste
Collect all sanitary waste from the portable units a minimum of once per week, or as required.

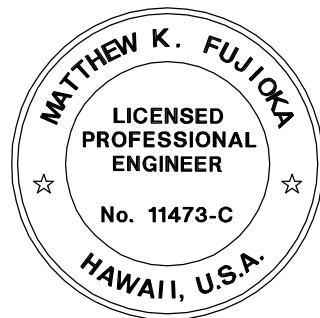
C. EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES:

- Inspect all control measures at least once each week and within 24 hours of any rainfall event of 0.5 inches or greater within a 24 hour period. The Contractor shall regularly monitor local weather reports for anticipated large rain storm events or weather warnings, watches or alerts. The Contractor shall inspect and document the condition of all erosion control measures on the day prior, during and after the event. Documentation shall be submitted to the Engineer with the next weekly inspection report. Documentation during the storm event does not apply during extreme weather conditions.
- Maintain all measures in good working order. If repair is necessary, it shall be initiated immediately after the inspection, and repairs or replacement complete within 24 hours. To facilitate repair or replacement, the Contractor shall store surplus material on the project site. Surplus material shall be incidental to Section 209.
- Remove built-up sediment from silt fence when it has reached one-third the height of the fence.
- Inspect silt screen or fence for depth of sediment, tears, to verify that the fabric is securely attached to the fence posts or concrete slab and to verify that the fence posts are firmly in the ground. Inspect and verify the bottom of the silt screen is buried a minimum of 6 inches below the existing ground.
- Inspect temporary and permanent seeding and planting for bare spots, washouts and healthy growth.
- Make a maintenance inspection report promptly after each inspection. Submit a copy to the Engineer no later than one week from the date of the inspection.
- Provide a stabilized construction entrance to reduce vehicle tracking of sediments. Include stabilized construction entrance in the Water Pollution, Dust, and Erosion Control submittals. Minimum length should be 50 feet. Minimum width should be 30 feet. Minimum depth should be 6 inches and underlain with geo-textile fabric. The paved street adjacent to the site entrance shall be cleaned immediately or as required to remove any excess mud, cold planed materials, dirt or rock tracked from the site. Dump trucks hauling material from the construction site shall be covered with a tarpaulin.
- Include designated Concrete Washout Area(s) in the Water Pollution, Dust, and Erosion Control submittals.
- Submit to the Engineer and the Department of Health the name and contact information of a specific individual designated responsible for inspections, maintenance and repair activities and filling out the inspection and maintenance report.
- Personnel selected for the inspection and maintenance responsibilities shall receive training from the Contractor. They shall be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working order.
- Contain, remove, and dispose slurry generated from saw cutting of pavement in accordance with approved BMP practices. Payment for confinement, removal, and disposal of slurry shall be considered incidental to the various contract items.
- Erosion and sediment control measures that do not effectively contain project site pollutants and sediment shall be re-evaluated by the Contractor and replaced or augmented with effective erosion and sediment control measures.

D. GOOD HOUSEKEEPING BEST MANAGEMENT PRACTICES:

- Materials Pollution Prevention Plan
 - Applicable materials or substances listed below are expected to be present onsite during construction. Other materials and substances not listed below shall be added to the inventory.

| | |
|---------------------------|--------------------------|
| Concrete | |
| Detergents | Petroleum Based Products |
| Paints (enamel and latex) | Cleaning Solvents |
| Metal Studs | Wood |
| Tar | Masonry Block |
 - Use Material Management Practices to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff. Make an effort to store only enough product as is required to do the job.
 - Store all materials stored onsite in a neat, orderly manner in their appropriate containers and if possible under a roof or other enclosure.
 - Keep products in their original containers with the original manufacturer's label.
 - Do not mix substances with one another unless recommended by the manufacturer.
 - Whenever possible, use a product up completely before disposing of the container.
 - Follow manufacturer's recommendations for proper use and disposal.
 - Conduct a daily inspection to ensure proper use and disposal of materials onsite.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

SIGNATURE: *Matthew K. Fujioka* 4/30/18
EXPIRATION DATE OF THE LICENSE

LEGEND FOR
AS-BUILT POSTINGS

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Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**WATER POLLUTION AND
EROSION CONTROL NOTES**
INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2016

WATER POLLUTION AND EROSION CONTROL NOTES: (Cont.)

| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | BR-HI-1 (263) | 2012 | 6 | 46 |

D. GOOD HOUSEKEEPING BEST MANAGEMENT PRACTICES: -Cont.

2. Hazardous Material Pollution Prevention Plan
- a. Keep products in original containers unless they are not resealable.
- b. Retain original labels and material safety data sheets (MSDS).
- c. Dispose of surplus products according to manufacturers' instructions and local and State regulations.
3. Onsite and Offsite Product Specific Plan

The following product specific practices shall be followed onsite:

a. Petroleum Based Products:

Monitor all onsite vehicles for leaks and perform regular preventive maintenance to reduce the chance of leakage. Store petroleum products in tightly sealed containers which are clearly labeled. Apply asphalt substances used onsite according to the manufacturer's recommendation.

b. Fertilizers:

Apply fertilizers used only in the minimum amounts recommended by the manufacturer. Once applied, work fertilizer into the soil to limit exposure to storm water. Storage shall be in a covered shed. Transfer the contents of any partially used bags of fertilizer to a sealable plastic bin to avoid spills.

c. Paints:

Seal and store all containers when not required for use. Do not discharge excess paint to the highway drainage system. Dispose properly according to manufacturers' instructions or State and local regulations.

d. Concrete Trucks:

Wash out or discharge concrete truck drum wash water only at a designated site. Do not discharge water in the highway drainage system or waters of the United States. Contact Drinking Water Branch, Department of Health at 586-4258 to receive permission to designate a disposal site. Clean disposal site as required or as requested by the Owner's representative.

4. Spill Control Plan

- a. Post a spill prevention plan to include measures to prevent and clean up each spill.
- b. The Contractor shall be the spill prevention and cleanup coordinator. Designate at least three site personnel who shall receive spill prevention and cleanup training. These individuals shall each become responsible for a particular phase of prevention and cleanup. Post the names of responsible spill personnel in the material storage area and in the office trailer onsite.
- c. Clearly post manufacturers' recommended methods for spill cleanup. Make site personnel aware of the procedures and the location of the information and cleanup supplies.
- d. Keep materials and equipment necessary for spill cleanup in the material storage area onsite.
- e. Clean up all spills immediately after discovery.
- f. Keep the spill area well ventilated. Personnel shall wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- g. Report spills of toxic hazardous material to the appropriate State or local government agency, regardless of the size.

E. PERMIT REQUIREMENTS:

1. If a National Pollutant Discharge Elimination System (NPDES) Permit is required for Construction Activities of one acre or more, submit to the Engineer six sets of the Water Pollution and Erosion Control Submittals as detailed in Subsection 209.03 of the specifications.
2. Comply with all applicable State and Federal Permit conditions. Permits may include but are not limited to the following:
- a. NPDES Permit for Construction Activities
- b. Other permits as required

CONSTRUCTION NOTES FOR TRAFFIC CONTROL PLAN

1. The permittee shall make 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 shall be placed first. The others shall then be placed progressively toward the work area.
4. Regulatory and warnings 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. Sign spacing (L), taper lengths (T), buffer lengths (B), and spacing of cones or delineators shall be as shown in table 1, unless otherwise noted on the traffic control plans.
8. All traffic lanes shall be a minimum of 10 feet wide.
9. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
10. The backs of all signs shall be promptly removed or covered to preclude the display of inapplicable sign messages (i.e., when signs have messages on both faces), whenever the messages is not applicable or not in use.
11. 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 reverse order of installation.
12. Replace permanent pavement markings and traffic signs upon completion of each phase of work.
13. Police officer/flagmen shall be present at all times.

14. The Contractor shall make a flyer showing the changes in traffic patterns and estimated times of use. Sufficient copies of the flyer shall be provided to each business for distribution to its employees and guests.
15. Contractor to provide access and/or directional signs to reroute pedestrian traffic.
16. The Contractor shall comply with FHWA Final Rule on Work Zone Safety and Mobility, 23 CFR 630, Subpart J.

| TABLE 1 FOR TRAFFIC CONTROL PLAN | | | | | | | |
|----------------------------------|-------------------------|-------------------------|-----------------------|--------------------------|--|---------|-----------|
| Posted Speed Limit (M.P.H.) | Sign Spacing (L) (Feet) | Taper Length (T) (Feet) | | Buffer Length (B) (Feet) | Spacing of Cones or Delineators (Feet) | | |
| | | *W = 12' or Less | *W = Greater Than 12' | | Taper | Tangent | Work Area |
| 20 | 250 | 200 | Wx17 | 115 | 20 | 20 | 10 |
| 25 | 250 | 200 | Wx17 | 155 | 25 | 25 | 10 |
| 30 | 250 | 250 | Wx20 | 200 | 30 | 30 | 10 |
| 35 | 250 | 250 | Wx20 | 250 | 35 | 35 | 10 |
| 40 | 500 | 350 | Wx30 | 305 | 40 | 40 | 10 |
| 45 | 500 | 550 | Wx45 | 360 | 45 | 45 | 10 |
| 50 | 1000 | 600 | Wx50 | 425 | 50 | 50 | 10 |
| 55 | 1000 | 700 | Wx55 | 495 | 55 | 55 | 10 |

W = Width of* Lane, Shoulder, or Offset

| | | | |
|--|------|------|--------------|
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| <input checked="" type="checkbox"/> BY | | | |

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|-------------------|------|
| ORIGINAL PLAN | DATE |
| SURVEY PLOTTED BY | |
| DRAWN BY | |
| TRACED BY | |
| DESIGNED BY | |
| QUANTITIES BY | |
| CHECKED BY | |
| No. | |



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE: *Matthew K. Fujioka* EXPIRATION DATE OF THE LICENSE: 4/30/18

LEGEND FOR AS-BUILT POSTINGS

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Roadway Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**WATER POLLUTION/EROSION CONTROL AND TRAFFIC NOTES**

INTERSTATE ROUTE H-1  
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SHEET No. 4 OF 4 SHEETS