

GENERAL NOTES

1. The scope of work for this project consists of upgrading existing sidewalks, driveways and curb ramps; installing detectable warnings; removing and/or installing crosswalks, pavement markings and traffic signs.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
3. The Contractor's attention is directed to the following Sections of the Special Provisions: Subsection 107.13 - Public Convenience and Safety, Subsection 107.21 - Contractor's Responsibility for Utility Property and Services, Section 645 - 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 the work is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
6. All work on this project shall be conducted during daytime between 8:30 A.M. and 3:30 P.M. Provide two lanes of traffic (one lane in each direction) during working hours. Also, during non-working hours, all lanes shall be open to traffic and allow traffic to flow at the normal posted speed limit. Failure of the Contractor to open two lanes of traffic (one lane in each direction) during working hours, and all lanes of traffic during non-working hours shall result in assessment of liquidated damages as specified in Section 108.08 of the Special Provisions.
7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving and/or pedestrian facilities reconstruction/upgrading operations.
8. The Contractor shall remove and dispose of all existing raised pavement markers and preformed pavement marking tape prior to the reconstruction/upgrading work. This work shall be considered incidental to the various contract items.
9. Smooth riding connections shall be constructed at all limits of work including the beginning and end of the project, connecting approaches, side streets, driveways and sidewalks as shown on the plans and/or as directed by the Engineer.
10. Dressing of shoulders, sidewalks and/or curb ramps shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. Asphalt concrete removed from cold planing, reconstruction and roadway excavation shall not be used for dressing of shoulders, sidewalks and/or curb ramps. This work shall be considered incidental to the various contract items.
11. Existing drainage systems will be functional at all times. The Contractor will furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.
12. The Contractor shall provide and maintain for access to and from all existing driveways, sidewalks and ADA 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.
13. Damage to existing A.C. pavement shall be saw cut, removed and replaced with hot mix Asphalt Concrete Pavement Mix No. IV at no cost to the State.
14. All construction signs and barricades shall have a high-intensity reflective background.
15. All saw cutting shall be considered incidental to the various contract items.

16. No material and/or equipment shall be stockpiled or otherwise stored within highway right-of-way except at locations designated in writing and approved by the Engineer.
17. Construction and restoration of all existing highway facilities within the State's right-of-way shall be done in accordance with all applicable sections of the current STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND PUBLIC WORKS CONSTRUCTION.
18. 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 public streets. All such protective facilities and precautions to be taken shall conform with the current U.S. Federal Highway Administration "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, PART VI - STANDARDS AND GUIDES FOR TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, UTILITY AND INCIDENT MANAGEMENT OPERATIONS.
19. Removal and disposal of existing sidewalks, driveways, curb ramps, walkways, curbs and/or gutters, grouted rubble paving, traffic signs, pavement markings, utility boxes and other structures and obstructions shall not be paid for separately but shall be considered incidental to the specific sidewalk, driveway or curb ramp contract items.
20. Excavation and backfilling, cold planing, and roadway, driveway, sidewalk and walkway reconstruction, installation of concrete walkway, traffic signs and pavement markings shall not be paid for separately but shall be considered incidental to the specific sidewalk, driveway or curb ramp contract items.
21. When pedestrian walkways exist, they shall be maintained in a safe and passable condition, or other facilities for pedestrians shall be provided. Passages between walkways at intersections shall likewise be provided.
22. The Contractor shall exercise care when performing work in or adjacent to the State Highway right-of-way. Damages to existing facilities shall be immediately reported to the respective utility companies, and/or County or State agencies. The repair work shall be done at the Contractor's expense.
23. Existing concrete or asphalt concrete curb disturbed during sidewalk, curb ramp and/or driveway reconstruction/upgrading shall be replaced by the Contractor. This work shall be considered incidental to various contract items.
24. Prior to his reconstructing/upgrading operations, the Contractor shall be responsible for locating, preserving and marking all utility and highway facilities that will require relocation or adjustment to the new finished grade. Additionally, the Contractor shall submit to the Engineer a list of all items, including water, drainage, sewer, electrical, telephone and cable utilities to be relocated and/or adjusted to the finished grade.
25. The Contractor shall notify Verizon Hawaii, Inc. (Mr. Ernest Koerte at 246-3205) at least 24 hours prior to performing any telephone utility work.
26. Work on contract payment items for the respective sidewalk, driveway, and/or curb ramp construction may include a combination of the different types of work (i.e. Sidewalk, Driveway, or Curb Ramp), including transition section.
- Unless otherwise indicated on the plans, and/or in the specifications, the respective contract payment items for Sidewalks, Driveways, and/or Curb Ramps construction, including transition section, shall be paid for at the unit price (per each) for completing the work called for on the plans. Where plans indicate combination type of work, the unit price for each contract item shall be complete in place, including labor, equipment, materials, tools, etc., necessary for completing the entire work called for on the plans.
- Unless otherwise noted elsewhere on the plans, and/or in the specifications, sidewalks, driveways and curb ramps shall be constructed in accordance with Sections 608, 610 and 650, respectively, of the Special Provisions.

FED. ROAD DIST. NO.	STATE	FEDERAL-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-056-1(47)	2003	3	50

LEGEND

- Existing Traffic Signal Box
- New Traffic Signal Box
- Adjusted Traffic Signal Box
- Existing Telephone Box
- New Telephone Box
- Adjusted Telephone Box
- Existing Cable TV Box
- New Cable TV Box
- Adjusted Cable TV Box
- Existing Power Pole
- Existing Telephone Manhole
- Adjusted Tel. MH Frame/Cover
- New Telephone Manhole
- Existing Water Valve Box
- Adjusted Water Valve Box
- New Water Valve Box
- Existing Water Meter
- Adjusted Water Meter w/ New Type "X" Box
- Relocated Water Meter w/ New Type "X" Box
- Existing Fire Hydrant
- Adjusted Fire Hydrant
- New Fire Hydrant
- Existing Monument
- Adjusted Monument
- New Monument
- Existing Catch Basin
- Existing Grated Drop Inlet
- Existing Storm Drain Manhole
- Adjusted Storm Drain MH Frame/Cover
- New Storm Drain Manhole
- Adjusted Storm Drain Manhole
- Existing Sewer Manhole
- Adjusted Sewer MH Frame/Cover
- New Sewer Manhole
- Existing Elevation
- New Elevation
- Existing Elevation
- New Elevation

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GENERAL NOTES AND LEGEND
KUHIU HIGHWAY
Pedestrian Facilities and ADA Compliance
at Various Locations
Federal-Aid Project No. CMAQ-056-1(47)
Date: March 2003
SHEET No. 1 OF 1 SHEETS