

GENERAL NOTES

1. The scope of work for this project consists of adding a new facing to portions of the existing wall; increasing the height to portions of the existing wall; providing rock anchors for wall stabilization to portions of the existing wall; extending the retaining wall to replace the existing metal guardrails; and relocating lighting poles.
2. The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 104.09 - Maintenance of Traffic; 107.06 - Contractor Duty Regarding of Public Convenience; 104.11 - Utilities and Services; and Section 645 -Traffic Control.
3. 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.
4. 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 be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
5. The Contractor shall verify the presence of existing aerial and underground utilities which may conflict with construction activities and shall coordinate with the utility company for temporary relocation as necessary. All cost associated with the temporary relocation shall be borne by the Contractor.
6. The Contractor shall obtain all necessary permits prior to start of work at his own cost.
7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
8. All excess materials not needed for this project shall become the property of the Contractor. If disposed of, it shall be in accordance with the Environmental Protection Agency's policies and guidelines. This work shall be considered incidental to various contract items and will not be paid for separately.
9. Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to various contract items.
10. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
11. The contractor shall provide for access to and from all existing side streets at all times.
12. The Contractor shall dispose or deliver any removed material at no cost to the State.
13. No materials 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.

14. State Department of Transportation has contacted City and County of Honolulu, Department of Transportation Services to use a section of School Street for staging area (see Plan Sheet Number 49). The Contractor shall obtain a permit from City and County at their own cost before staging any equipment on School Street. The Contractor shall clean up the School Street, at the areas designated for staging area at the end of each day work. The Contractor shall restripe and restore the striping to existing condition and repair any damaged pavement at no cost to the State and City and County after completion of work.
15. The Contractor shall develop and submit a safety and dust control plan and drawings to the State for approval prior to starting any drilling work. The plan shall include a device capable of shielding all debris and dust from entering the adjacent travel lanes or affecting nearby residents. This work shall not be paid for separately but shall be considered incidental to the tie back work.
16. All trees on site shall be protected unless otherwise noted on plans. Tree Protection Zone shall be constructed prior to any work and remain until all work is completed. The Contractor shall hire an ISA Certified Arborist with a minimum of ten years of continuous licensure and experience in the State of Hawaii. The Certified Arborist shall supervise all tree work including tree protection zone, pruning or excavating within drip lines of trees to remain. The Certified Arborist selection shall be subject to approval by the Engineer before commencing any work. The Contractor shall contact the Outdoor Circle, attention Mary Steiner at 593-0300, a minimum of three days prior to any tree work being performed.
17. The Contractor shall restore any damaged grassy area fronting the wall, pavement on the ramp and School Street as a result of their equipment during the period of staging. All cost associated to the damaged area shall be borne by the Contractor.
18. Lane shift on H-1 (westbound) for the School Street Off-Ramp drainage work, if implemented by the Contractor, shall be removed and normal traffic pattern on H-1 (westbound) restored, before lane shift for the School Street On-Ramp retaining wall repair work would be allowed. Only one lane shift on H-1 westbound shall be allowed at all times.
19. Install new gate valve and quick coupler valve of water meter at Ramp Sta. 9+45±.
20. The Contractor shall submit the material Specifications and BMPs for approval upon award of Contract.
21. The Contractor shall terminate the 24/7 ramp closure by mid August to accommodate the three weeks "Beat-the-School-Jam" period.
22. No lane closure shall be allowed on School Street after May 1, 2010.

LEGEND

- e— Existing Electrical Line
- °j Existing Joint Pole
- °p Existing Power Pole
- °em Existing Electric Manhole
- t— Existing Telephone Line
- °tp Existing Telephone Pole
- °tm Existing Telephone Manhole
- sc— Existing Signal Corps Line
- tv— Existing TV Cable
- w-12— Existing 12" Water Line
- °wm Existing Water Manhole
- °av Existing Water Air Valve
- °wv Existing Water Valve Box
- °wm Existing Water Meter
- °fh Existing Fire Hydrant
- s-12— Existing Sewer Line
- °sm Existing Sewer Manhole
- g-6— Existing 6" Gas Line
- °gv Existing Gas Valve Box
- °gm Existing Gas Manhole
- °mon Existing Monument
- d-24--- Existing 24" Drain Line
- °sdm Existing Storm Drain Manhole
- °gdi Existing Grated Drop Inlet
- °cb Existing Catch Basin
- ° Existing Traffic Sign
- ° Existing Highway Lighting Standard

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	H11-01-08	2009	4	73

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY		
CHECKED BY		
APPROVED BY		

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

INTERSTATE ROUTE H-1  
Extension and Repair of  
School Street On-Ramp Retaining Wall  
Project No. H11-01-08

Scale: 1" = 40'      Date: April, 2009

SHEET No. 1 OF 1 SHEETS