

GENERAL NOTES


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65A-01-09M	2010	ADD. 3	11

LEGEND

	Reconstruction Areas		Existing Sewer Line
	Leveling Areas		New 12" Sewer Line
	Cold Planing Areas		Existing Sewer Manhole
	Resurfacing Limits		Adjusted Sewer MH Frame/Cover
	Existing Electrical Line		New Sewer Manhole
	New Electrical Line		Existing 6" Gas Line
	Existing Joint Pole		New 6" Gas Line
	Existing Power Pole		Existing Gas Valve Box
	Existing Electric Manhole		Adjusted Gas Valve Box
	Adjusted Elec. MH Frame/Cover		New Gas Valve Box
	New Electric Manhole		Existing Gas Manhole
	Existing Telephone Line		Adjusted Gas MH Frame/Cover
	New Telephone Line		New Gas Manhole
	Existing Telephone Pole		Existing Monument
	Existing Telephone Manhole		Adjusted Monument
	Adjusted Tele. MH Frame/Cover		New Monument
	New Telephone Manhole		Existing 24" Drain Line
	Existing Signal Corps Line		New 24 " RCP Drain Line
	New Signal Corps Line		Existing Storm Drain Manhole
	Existing TV Cable		Adjusted Storm Drain MH Frame/Cover
	New TV Cable		New Storm Drain Manhole
	Existing Sandwich Isles Communication Line		Existing Grated Drop Inlet
	Existing 12" Water Line		Existing Catch Basin
	New 12" Water Line		Existing Traffic Sign
	Existing Water Manhole		Existing Highway Lighting Standard
	Adjusted Water MH Frame/Cover		Existing Highway Lighting Pullbox
	New Water Manhole		Existing Traffic Signal Pole
	Existing Water Air Valve		New Traffic Signal Pole
	Adjusted Water Air Valve		Existing Traffic Signal Pullbox
	New Water Air Valve		Adjusted Traffic Signal Pullbox
	Existing Water Valve Box		New Traffic Signal Pullbox
	Adjusted Water Valve Box		Existing Metal Guardrail
	New Water Valve Box		New Metal Guardrail
	Existing Water Meter		
	Adjusted Water Meter		
	New Water Meter		
	Existing Fire Hydrant		
	New Fire Hydrant		

1. The scope of work for this project consists of replacing handrail, installing new handrail, demolition and removal of existing stairs, and constructing concrete stairs on the Kokokahi Overpass.
2. The Contractor is reminded of the requirements of Subsection 105.16(A) - Subcontract Requirements, which requires him to perform work to not less than 30 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: Subsection 104.11 - Utilities and Services; Subsection 107.06 - Contractor Duty Regarding Public Convenience; and Section 645 - Work Zone 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 work is possible. The Contractor shall tone for the exact locations and depths of all underground facilities, either shown on or omitted from the plans, in areas where work, such as the placement of sign posts, traffic signal conduits, etc. may affect these properties. Toning shall be considered incidental to the various contract items and will not be paid for separately. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
6. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting construction operations.
7. The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities and existing structures from damages due to construction. Repairing any damage shall be at the Contractor's own expense, to the satisfaction of the Engineer.
8. Existing drainage system will be functional at all times during construction. The Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to any culvert work or the various contract items and will not be paid for separately.
9. Earth swale shall be graded to drain. This work shall be considered incidental to various contract items.
10. The Contractor shall clean and remove any accumulation of aggregates along the roadside within 10 feet of the edge of pavement. This work shall be considered incidental to bulk of work or the various contract items and will not be paid for separately.
11. Removal and disposal of existing handrail and fencing, and any debris shall be considered incidental to their respective bid items.
12. All saw cutting work shall be considered incidental to Roadway Excavation or Asphalt Concrete or Various Contract Items or their respective bid items.
13. Prior to placement of new aggregate subbase course, the existing subbase shall be compacted to a relative compaction greater than or equal to 95%.
14. Concrete sidewalk shall be reinforced with 6x6 W1.4xW1.4 welded wire fabric.
15. Dressing of stairs shall consist of clearing and grubbing, grading, reshaping and compacting with suitable material the area adjacent to the improvement as shown on the plans and/or as directed by the Engineer and shall be considered incidental to Sidewalk.
16. The Contractor shall provide and maintain for access to and from all existing driveways, parking lots, sidewalks and ADA access routes, and side streets and cross streets at all times. This work shall be considered incidental to curb ramps, or sidewalk, or the various contract items and will not be paid for separately.
17. 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 work shall be incidental to curb ramps, or sidewalk, or the various contract items and will not be paid for separately.
18. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designed in writing and approved by the Engineer. If use of location is approved by the engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the Oahu District Office at telephone no. 831-6712.
19. The Contractor shall restore landscaping to existing conditions.
20. While the overpass is closed and unsafe for pedestrian use the Contractor shall provide an off duty police officer, during work hours, at the intersection of Kaneohe Bay Drive and Kokokahi Place for safe pedestrian crossing. After work hours signs will be placed every 200 feet directing pedestrians to the nearest crosswalk.

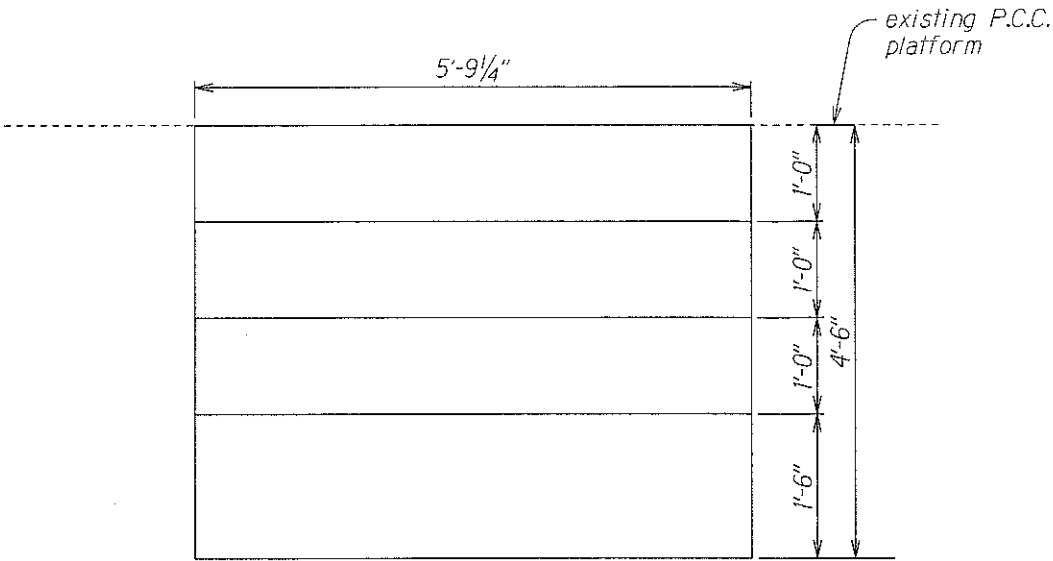
ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	

	6/08/10	Revised Note 1.
DATE	REVISION	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
<u>GENERAL NOTES AND LEGEND</u>		
<u>Kaneohe Bay Drive</u> <u>Kokokahi Overpass Repair</u> <u>Project No. 65A-01-09M</u>		
Scale: NTS		Date: March, 2010
SHEET No. 1 OF 2 SHEETS		

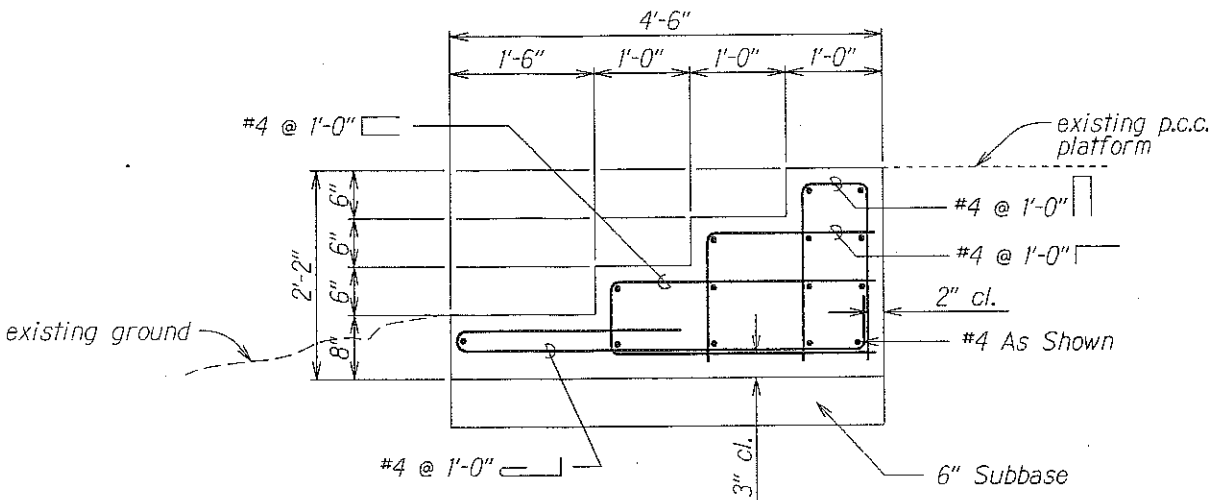
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65A-01-09M	2010	ADD. 7	11

Notes:

1. Dressing of stairs shall consist of clearing, grubbing, grading, reshaping and compacting the area adjacent to the improvement with suitable material as shown on the plans and/or as directed by the Engineer. If existing ground is asphalt or concrete surface, dress sidewalk with A.C. pavement, Mix No. V. This work shall be considered incidental to the new sidewalk.
2. Concrete shall be Class "A".
3. 2% downslope for each stair.



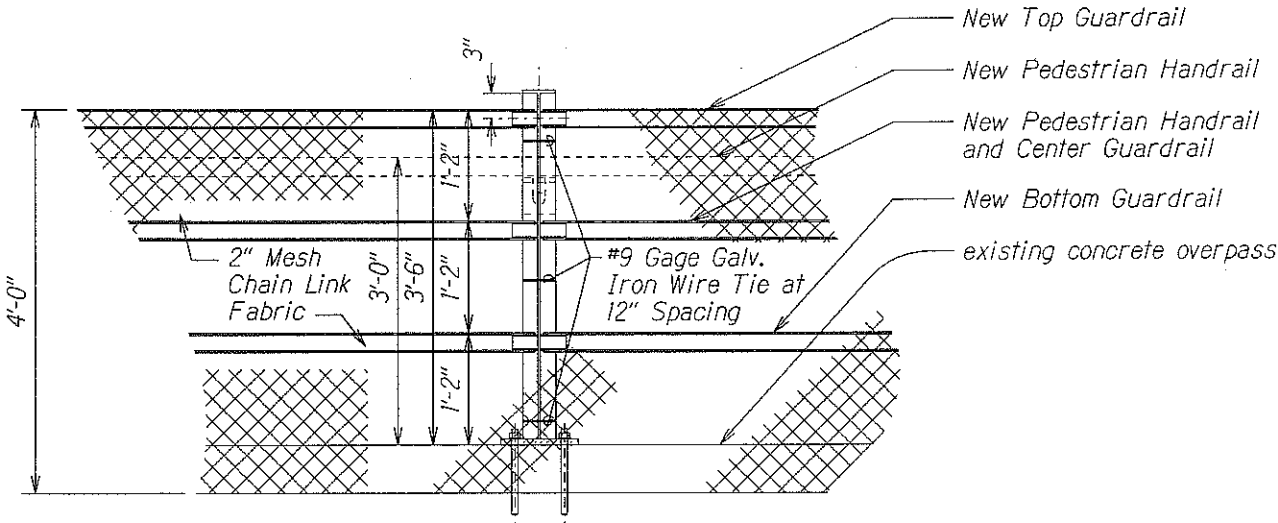
PLAN



ELEVATION

STAIR DETAIL

Scale: 1"=1'-0"



CHAIN LINK FENCE DETAIL

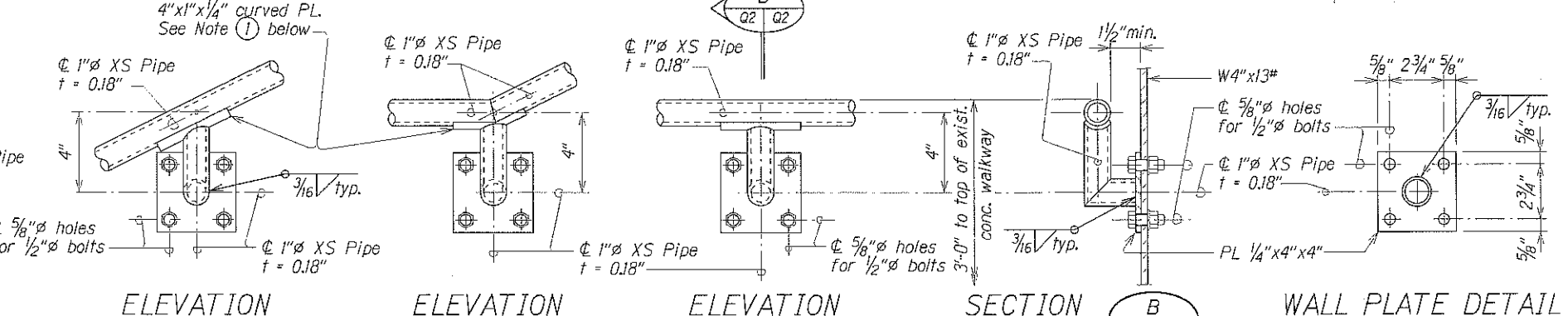
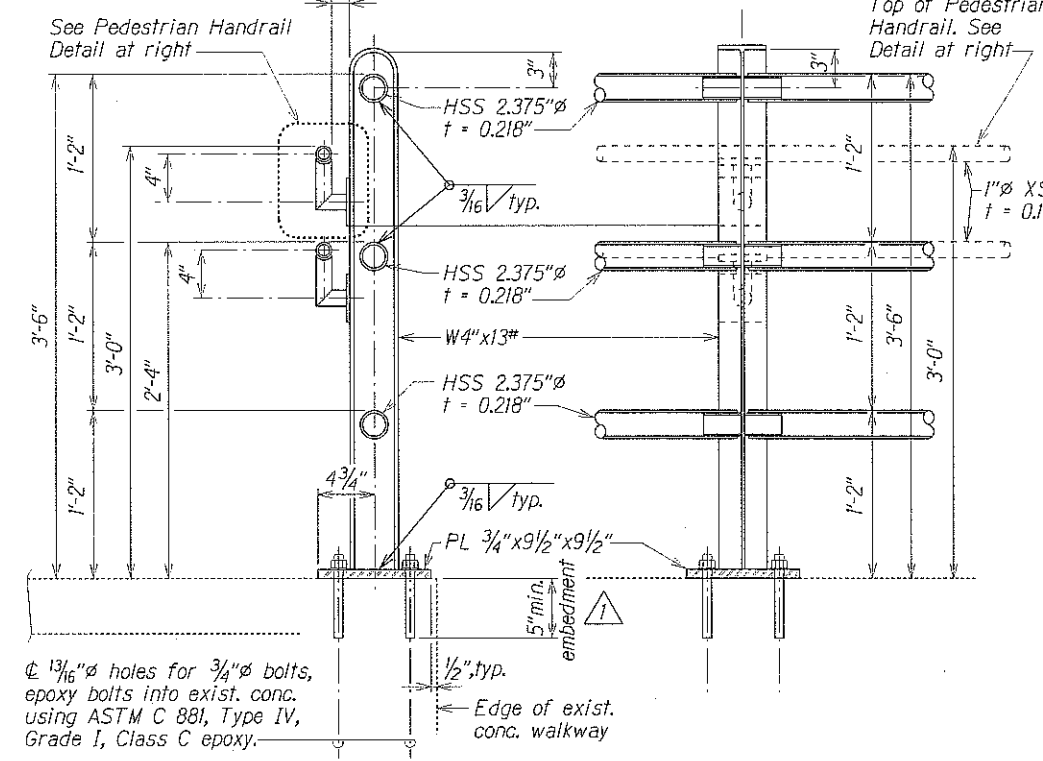
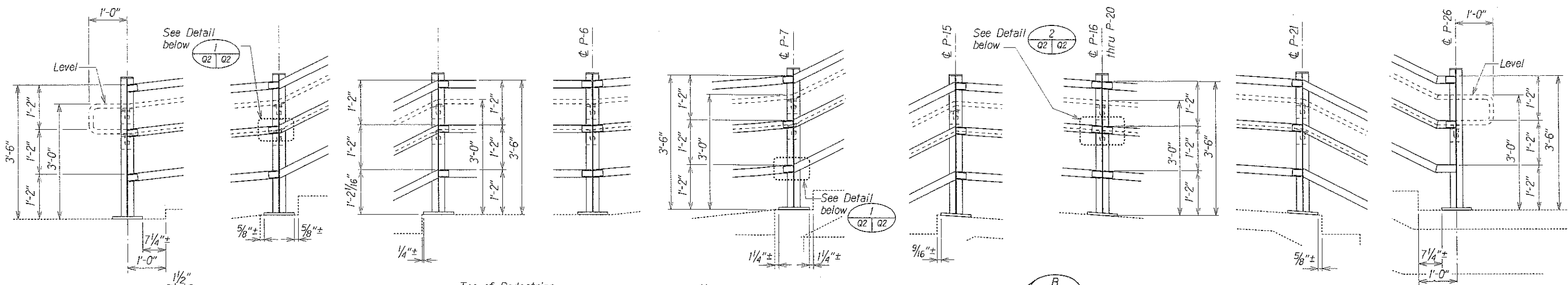
Scale: 1"=1'-0"

Notes:

1. The mesh chain link fabric will be placed on the outside face of both guardrails, for the entire length of guardrail.
2. Tie the mesh chain link fabric to the top, center and bottom guardrail at 18" spacing, using #9 gage galv. iron wire tie.

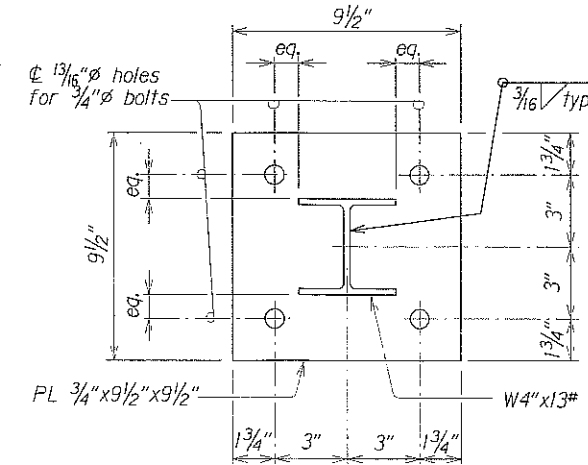
06/08/10	Deleted Chain Link Gate Detail.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION DETAILS KANE OHE BAY DRIVE Kokokahi Overpass Repair Project No. 65A-01-09M Scale: 1"=1'-0" Date: March, 2010	
SHEET No. 1 OF 1 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65A-01-09M	2010	ADD 9	11

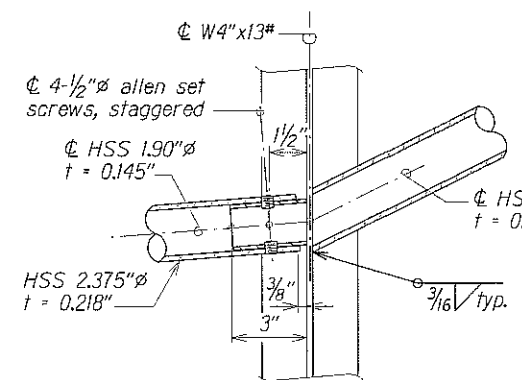


Note 1: Fabricate PL 4"x1"x1/4", curved to fit 1"Ø XS Pipe, 1.32" OD, 0.96" ID, 0.18" Wall. 3/16" Field fillet weld 1"Ø XS Pipe to PL, all around, grind smooth.

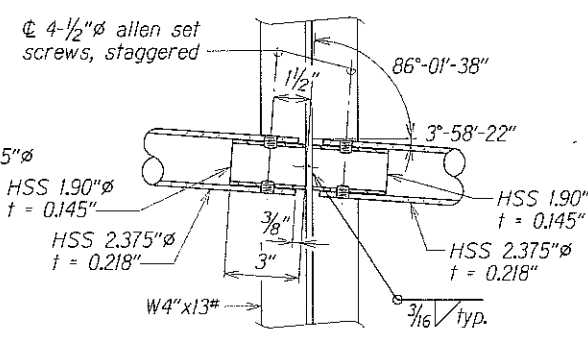
PEDESTRIAN HANDRAIL DETAILS
Scale: 3" = 1'-0"



TYPICAL BASE PLATE DETAIL
Scale: 3" = 1'-0"



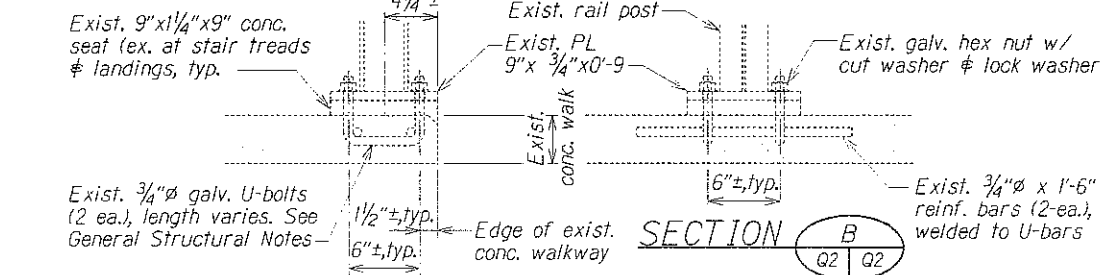
DETAIL 1
Scale: 3" = 1'-0"



DETAIL 2
Scale: 3" = 1'-0"

TYPICAL SECTION
Scale: 1 1/2" = 1'-0"

TYPICAL ELEVATION
Scale: 1 1/2" = 1'-0"



TYPICAL EXISTING RAIL POST BASE DETAILS
Scale: 1 1/2" = 1'-0"

KANEOHE BAY DRIVE,
KOKOKAHI PEDESTRIAN OVERPASS

6/8/2010	Revised depth of bolt embedment
DATE	REVISION

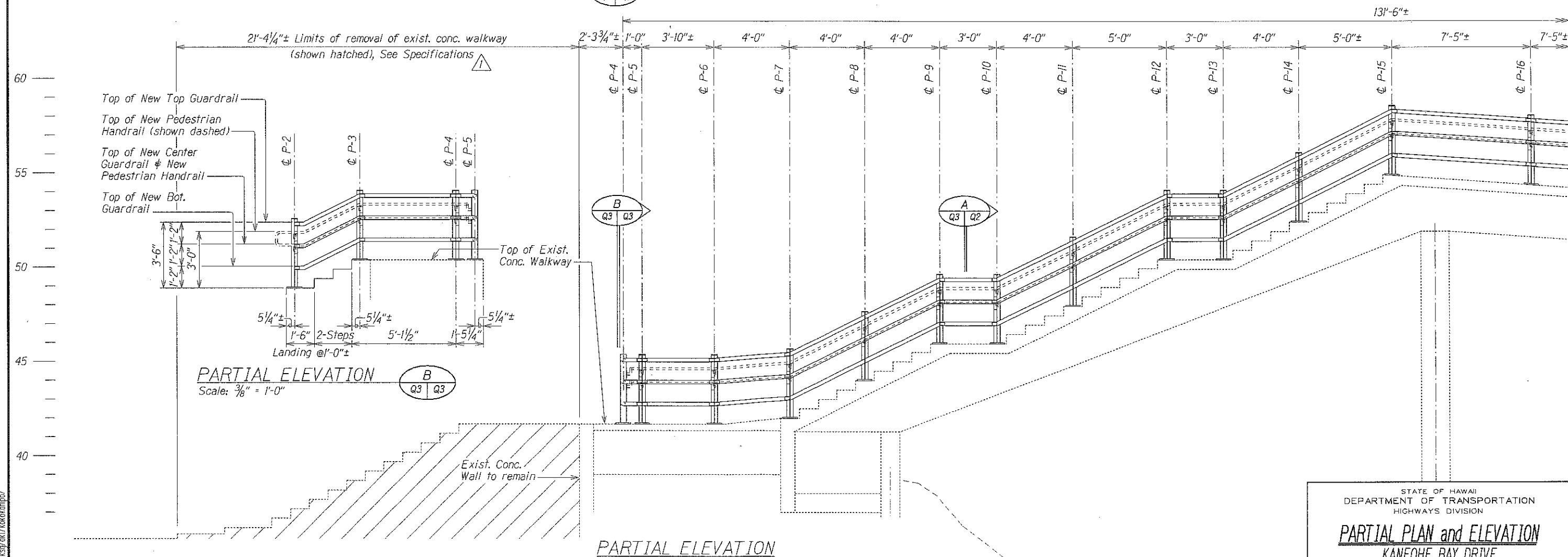
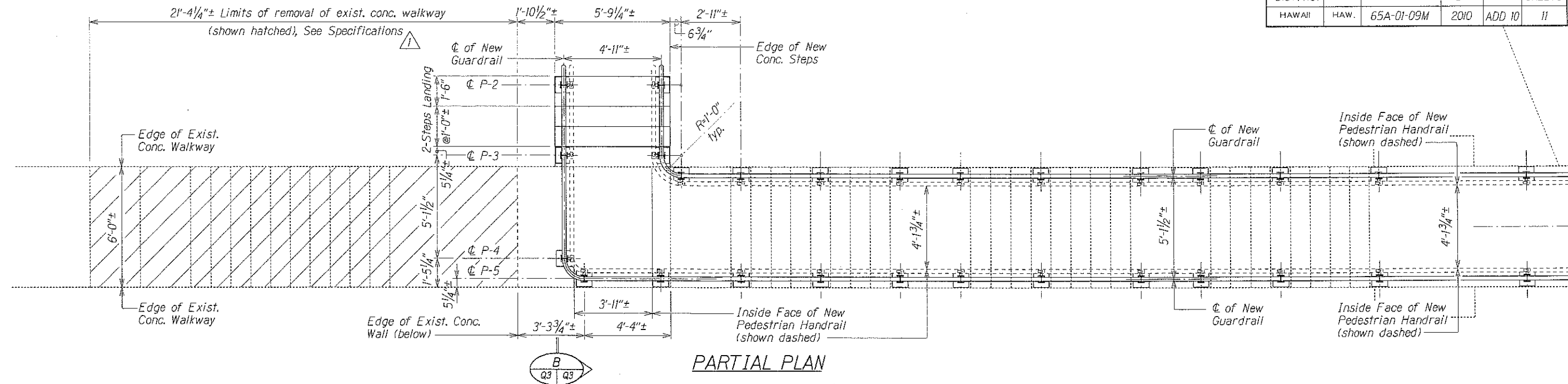
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SECTIONS and DETAILS
KANEOHE BAY DRIVE
KOKOKAHI OVERPASS REPAIR
Project No. 65A-01-09M

Scale: As Noted Date: Mar. 2009

SHEET No. Q2 OF 4 SHEETS

ADD 9

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65A-01-09M	2010	ADD 10	11



KANEOHE BAY DRIVE, KOKOKAHI PEDESTRIAN OVERPASS
Scale: $\frac{3}{8}" = 1'-0"$

6/8/2010 Clarification

0 Clarification

REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PARTIAL PLAN and ELEVATION

KANE OHE BAY DRIVE
KOKOKAHI OVERPASS REPAIR
Project No. 65A-01-09M

Scale: As Noted

Date: Mar, 2009

SHEET No. 03 OF 4 SHEETS

ADD 10

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	XXX 1991
	TRACED BY	
NOTE BOOK	DESIGNED BY	XXX 1991
	QUANTITIES BY	XXX 1991
	ADJUSTED BY	XXX 1991

041d:11sr2/kst/dk/kokokuhio/