

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

Land Development Division

12/12/22

Date

ADDENDUM NO. 5

TO

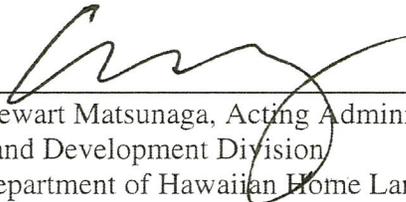
INVITATION FOR BIDS
IFB-23-HHL-006

**SITE AND INFRASTRUCTURE IMPROVEMENTS FOR
HANAPEPE RESIDENTIAL LOTS, PHASE 2**

Notice to All Prospective Offerors

This addendum is hereby made a part of the contract documents for "Site and Infrastructure Improvements for Hanapepe Residential Lots" IFB-23-HHL-006, and it shall amend the said contract documents as detailed within this Addendum document.

APPROVED:



Stewart Matsunaga, Acting Administrator
Land Development Division
Department of Hawaiian Home Lands

Please execute and immediately return the receipt below to the Department of Hawaiian Home Lands via facsimile to: **(808) 620-9299, Mr. Bryan Toda, Land Development Division, or scan and E-mail to: Bryan.toda@hawaii.gov.**

Receipt of Addendum No. ___ for "Site and Infrastructure Improvements for Hanapepe Residential Lots, Phase 2," Invitation for Bids No.: IFB-21-HHL-009, is hereby acknowledged.

Signature: _____
Print Name: _____

Title

Name of Firm/Company

Date

ADDENDUM NO. 5 SUMMARY

Site and Infrastructure Improvements for Hanapepe Residence Lots, Phase 2 (IFB-23-HHL-006)

SUMMARY:

This Addendum No. 5 shall incorporate the following amendments to IFB-23-HHL-006:

I. BIDDER QUESTIONS AND ANSWERS:

1. Question #1. The quantities in the Electrical portion of the proposal do not reflect the actual counts in the plans. Can this be changed to avoid an unbalanced bid.
Response. Refer to Addendum No. 4 for the changes
2. Question #2. Please confirm that Bid Item 36 RC Jacket Around Waterline (38LF) and bid item 39 Reinforced Concrete Jacket for Water (38 LF) are the same.
Response. Delete Bid Item 39, Renumber Bid Items following Bid Item 39.
3. Question #3. Please confirm that Bid Item 45 (6" x 6" sewer pipe wye) should be 8" x 6" sewer pipe wye.
Response. Revise the sewer wye to 8" x6".
4. Question #4. There is no pipe marker detail provided for the waterlines. Since the water laterals end at water meter boxes, please confirm Bid Item 24 "Pipe Marker" is not required.
Response. Delete Bid Item 24, Renumber Bid Items following Bid Item 24
5. Question #5. Specification Section 02282 para 1.01B states "This work shall consist of furnishing all labor, materials, and incidentals necessary to apply weed killer on prepared subgrade below gravel layer within the pump station." There is no pump station located on the plans. Please advise on this requirement.
Response. Replace Spec 02282 with the change in red.
6. Question #6. Specification Section 02282 para 1.02 states "This work shall spray weed killer on the subgrade of all existing unpaved areas where new pavement or building structures are constructed." Please confirm that Contractors are required to spray weed killer in the pad outline as noted on Grading sheets C-121-C-126.
Response. Yes. As a reminder, Department practice does not permit the use of herbicides containing glyphosate in or near homestead communities and requests our vendors to be mindful of the safeguards in place to avoid community disturbance when conducting these activities.

7. Question #7. Dwg. C-502, Detail 7, notes a 6" Concrete Pavement. Please confirm Bid Item 10, "4" Concrete Driveway Apron" should read, "6" Concrete Driveway Apron."
Response. Revise Bid Item 10 to read 6" Concrete Driveway Apron.
8. Question #8. Dwg. C-502, Detail 5, notes 6" thick concrete. Please confirm Bid Item 11, "4" Concrete Sidewalk" should read, "6" Concrete Sidewalk.
Response. Revise Bid Item 11 to read 6" Concrete Sidewalk.
9. Question #9. Dwg. C-502, Detail 5, notes 6" select borrow subbase. Similarly, Dwg. C-502, Detail 7, notes 6" select borrow subbase. Please confirm Bid Item 12, is to include the 6" base course for the sidewalk and driveways.
Response. Yes. Revise Bid Item 12 to read 6" base course.
10. Question #10. Dwg. C-105, Detail 1, shows the concrete header flush with the AC Pavement's finish grade. There is not detail specifying the underlain aggregate base. Please confirm there is to be 6" of subbase and 2" of base under the concrete header.
Response. Revise Dwg C-502, Detail 4 to show the 6" subbase and 2" base course under the concrete header.
11. Question #11. Bid Item 16 includes a smooth riding connection to existing pavement at Eleu Road and Moi Road. However, this road appears to be part of a future Phase 3 project. Please confirm a smooth riding connection to existing pavement at Eleu Road and Moi Road will be removed from this Bid Item.
Response. Revise Bid Item 16 to remove the smooth-riding connection to the existing pavement at Eleu Road and Moi Road from the Bid Item.
12. Question #12. Base Course thicknesses for the concrete curb ramps were not provided. Based on the DPW's Standard Details, Dwg. R-25, "Curb Ramp" Detail, please confirm 4" base course is required.
Response. Detail R-25 specified 4" Concrete on 4" compacted base course, as required. Use 4" base course.
13. Question #13. Please confirm that the 4in pump and Diesel Engine (Bid Item 134) and Godwin 6in pump and Diesel Engine (Bid Item 135) [Referenced in Spec 02530 para 2.02E, 2.02F and Sheet C-004 Sewer Pump Replacement Notes] are furnish only.
Response. The Contractor shall purchase, install the pumps onto a skid/trailer, and deliver it to the COK WWM. There is no work required to install in the wetwell.
14. Question #14. Please provide the approximate flow in the existing 8" sewerline for the new Sewerline B and Sewerline A connections.
Response. The Contractor shall coordinate with WWM for the existing sewer flow. Note that the new Sewer lines A and B were approved by the COK WWM.
15. Question #15. Sheet C-505, Detail 2 calls for cast-in-place circular concrete drain manholes. Please confirm that Contractor may furnish precast concrete drain manholes.
Response. The Contractor shall provide shop drawing submittal for the engineer's review and approval.

16. Question #16. Please confirm that Bid Item 22 (1/2" Service Lateral) should be 1-1/2" Service Lateral.
Response. Bid Item 22 shows 1-1/2" Service Lateral.
17. Question #17. Please advise which Bid Item Grass Swales are Paid Under
Response. Grass Swales as well as grassing within the grading limits are incidental to the grading work. See Dwg. C-121, Detail 1 for the Swale Section.
18. Question #18. Our Earthwork take offs do not align with the bid item quantities. Please confirm that the Bid Quantities in Item 4 and Item 5 (33,700 CY for Excavation and 41,750 CY for Embankment, respectively) are correct.
Response. Bid quantities for Item 4 and Item 5 are correct.
19. Question #19. Please provide the pay limits of Excavation (Bid Item 76) and Embankment (Bid Item 77).
Response. Removed Bid quantities for Item 76 and Item 77 since these are already included in Item 4 and Item 5.

II. BID OFFER FORM

1. See revised Bid Offer Form attached.

III. TECHNICAL SPECS

1. See revised "Section 02282 – Soil Treatment for Vegetation Control" attached.

IV. PLANS

1. See revised Plan Sheet C-502 attached.

**STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS**

BID OFFER FORM FOR

SITE AND INFRASTRUCTURE IMPROVEMENTS FOR HANAPĒPĒ RESIDENTIAL LOTS,

PHASE 2

WAIMEA, KAUA‘I, HAWAII‘I

TAX MAP KEY:

(4) 1-8-007: 003 (PORTION) & (4) 2-8-007: 001 TO 050 (PORTION)

IFB No.: IFB-23-HHL-006

Chairman
Hawaiian Homes Commission
Department of Hawaiian Home Lands
91-5420 Kapolei Parkway
Kapolei, Hawaii 96707

The undersigned has carefully examined, read, and understands the terms and conditions in the Plans and Specifications, Special Conditions attached hereto, DHHL Construction General Conditions, and General Conditions specified in the Invitation for Bids (IFB) No. IFB-23-HHL-006. The State of Hawaii's (State) Contract for Goods and Services Based on Competitive Sealed Bids AG-003 Rev. 6/22/2009, AG-008 103D General Conditions, are included by reference and made part hereof and available upon written request to the Procurement Officer. The undersigned hereby submits the following offer to perform the work for IFB No. IFB-23-HHL-006 as specified herein, all in accordance with the true intent and meaning thereof.

The undersigned understands and agrees that:

1. The State reserves the right to reject any and all offers and to waive any items that are defective when, in the State's opinion, such rejection or waiver will be in the best interest of the State. A solicitation may be rejected in whole or part when in the best interest of the State.
2. If awarded the contract, all services will be in accordance with Hawaii Revised Statutes (HRS) Chapter 103, Part II, regarding public works and contracts.
3. In submitting this offer, the Offeror is not in violation of HRS Chapter 84, Standards of Conduct.
4. By submitting this offer, the Offeror certifies that the offer was independently arrived at without collusion and the Offeror did not participate in any practices to restrict competition.
5. It is understood that the failure to receive any addendum shall not relieve the Offeror from any obligation under this IFB.

Site and Infrastructure Improvements for
Hanapēpē Residential Lots, Phase 2
IFB-23-HHL-006

Bid Offer Form
December 2022

Date: _____

The undersigned represents that it is: **(Check ✓ one only)**

- A **Hawaii business** incorporated or organized under the laws of the State of Hawaii; **OR**
- A **Compliant Non-Hawaii business** not incorporated or organized under the laws of the State of Hawaii, is or shall be registered at the State of Hawaii Department of Commerce and Consumer Affairs Business Registration Division (DCCA-BREG) to do business in the State of Hawaii.

State of incorporation: _____

Offeror is:

- Sole Proprietor
- Partnership
- Corporation
- Joint Venture
- Other: _____

Federal ID No.: _____

Hawaii General Excise Tax ID No.: _____

Telephone No.: _____

Fax No.: _____

E-Mail Address.: _____

Payment address (other than street address below)

(Street Address, City, State, Zip Code)

Business address

(Street Address, City, State, Zip Code)

Respectfully submitted:

Authorized (Original) Signature

Name and Title (Please Type or Print)

* _____
Exact Legal Name of Company (Offeror)

*If Offeror shown above is a "dba" or a "division" of a corporation, furnish the exact legal name of the corporation under which the awarded contract will be executed:

The following bid is hereby submitted for Site and Infrastructure Improvements for Hanapēpē Residential Lots, Phase 2 to the Department of Hawaiian Home Lands.

SITE AND INFRASTRUCTURE IMPROVEMENTS FOR HANAPĒPĒ RESIDENTIAL LOTS, PHASE 2

The prices bid herein for the following items shall include all materials, labor, tools, equipment, machinery and all incidentals necessary to install or to construct these items in place complete, all in accordance with the plans and specifications. Note. Prices are inclusive of general excise tax (GET).

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
<u>SITE DEMOLITION</u>					
1.	28	Clearing and Grubbing	Per Acre	\$ _____	\$ _____
2.	1,863	Remove Chain Link Fence	Per Lin. Ft.	\$ _____	\$ _____
3.	1	Remove Headwall	Each	\$ _____	\$ _____
TOTAL – SITE DEMOLITION (Item 1 to 3, inclusive)					\$ _____
<u>SITE EARTHWORK</u>					
4.	33,700	Excavation	Per Cu. Yd.	\$ _____	\$ _____
5.	41,750	Embankment	Per Cu. Yd.	\$ _____	\$ _____
6.	L.S.	Importing, Loading, Hauling and Grading	Lump Sum		\$ _____
TOTAL – SITE EARTHWORK (Item 4 to 6, inclusive)					\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
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SITE IMPROVEMENTS

7.	7,738 -7,792	2" AC Pavement	Per Sq. Yd.	\$ _____	\$ _____
8.	7,738 -7,792	6" Aggregate Base Course	Per Sq. Yd.	\$ _____	\$ _____
9.	7,738 -7,792	6" Aggregate Subbase Course	Per Sq. Yd.	\$ _____	\$ _____
10.	15,963	4" 6" Concrete Driveway Apron	Per Sq. Ft.	\$ _____	\$ _____
11.	27,065	4" 6" Concrete Sidewalk	Per Sq. Ft.	\$ _____	\$ _____
12.	43,930	4" 6" Base course under sidewalks areas including under curb ramps, driveway and conc headers	Per Sq. Ft.	\$ _____	\$ _____
13.	6,342	Concrete Header	Per Lin. Ft.	\$ _____	\$ _____
14.	902	Concrete Curb Ramps	Per Sq. Ft.	\$ _____	\$ _____
15.	191	Grade Adjustment Wall (2' max)	Per Lin. Ft.	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
16.	L.S.	Smooth Riding Connection to existing pavement at: Alii Road and Moi Road, Ahi Road and Moi Road, Eleu Road and Moi Road	Lump Sum		\$ _____
TOTAL – SITE IMPROVEMENTS (Item 7 to 16, inclusive)					\$ <u>_____</u>

SIGNAGE AND STRIPING IMPROVEMENTS

17.	2,851	Double 4-inch, yellow center line	Per Lin. Ft.	\$ _____	\$ _____
18.	4	"STOP" sign with street name sign and post	Each	\$ _____	\$ _____
19.	127	24-inch wide, solid white crosswalk line	Per Lin. Ft.	\$ _____	\$ _____
20.	40	12-inch wide, solid stop bar	Per Lin. Ft.	\$ _____	\$ _____
TOTAL – SIGNAGE AND STRIPING IMPROVEMENTS (Item 17 to 20, inclusive)					\$ <u>_____</u>

WATER

21.	4	1" Service lateral with Type A service connection and all appurtenances off main	Each	\$ _____	\$ _____
22.	39	1-1/2" Service lateral with Type C service connection all appurtenances off main	Each	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
23.	82	Type X meter box	Each	\$ _____	\$ _____
24.	L.S.	Pipe Marker	Lump Sum	- \$	-
25. 24.	221	6" Waterline	Per Lin. Ft.	\$ _____	\$ _____
26. 25.	3,430	8" Waterline	Per Lin. Ft.	\$ _____	\$ _____
27. 26.	10	Fire hydrant, 4.0' header to invert	Each	\$ _____	\$ _____
28. 27.	L.S.	Water Piping Fittings (10 - 8" x 8" x 6" Tee at 175 Lbs 2 - 8" x 8" Tee at 185 Lbs 1 - 8" x 8" Cross at 225 Lbs 4 - 8" 1/8 Bend at 110 Lbs 1 - 6" 1/4 Bend at 85 Lbs 3 - 8" End Cap at 45 Lbs)	Lump Sum	\$ _____	\$ _____
29. 28.	10	6" Gate valve, Class 200	Each	\$ _____	\$ _____
30. 29.	9	8" Gate valve, Class 200	Each	\$ _____	\$ _____
31. 30.	19	Valve box including cast iron frame and cover, pipe sleeve and concrete anchor pad	Each	\$ _____	\$ _____
32. 31.	2	8" Cap with 2" C.O. (Temporary for testing)	Each	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
33. 32.	2	Class B concrete for reaction blocks, gate valve anchor blocks. (Temporary for testing)	Each	\$ _____	\$ _____
34. 33.	2	2" Cleanout/Manhole	Each	\$ _____	\$ _____
35. 34.	18	Class B concrete for reaction blocks, gate valve anchor block	Each	\$ _____	\$ _____
36.	38	RC Jacket Around Waterline	Per Lin. Ft.	\$ -	\$ -
37. 35.	L.S.	Unclassified excavation for 8" water mains, valve boxes and appurtenances, including backfill (2,424 C.Y.)	Lump Sum		\$ _____
38. 36.	433	Pipe Cushion Material	Per Cu. Yd.	\$ _____	\$ _____
39.	38	Reinforced concrete jacket for water	Per Lin. Ft.	\$ -	\$ -
40. 37.	2	Connection to existing main along Moi Road	Each	\$ _____	\$ _____
41. 38.	L.S.	Chlorination and testing at the intersection of Ahi Road/Moi Road and Ali'i Road/Moi Road	Lump Sum		\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
42. 39.	L.S.	PRV Assembly (in-place complete)			
			Lump Sum		\$ _____
TOTAL – WATER (Item 21 to 44 39, inclusive)					\$ _____
<u>SEWER</u>					
43. 40.	2,424	6" Sewer Pipe including excavation and fill	Per Lin. Ft.	\$ _____	\$ _____
44. 41.	2,766	8" Sewer Pipe	Per Lin. Ft.	\$ _____	\$ _____
45. 42.	82	6"x6" 8"x6" Sewer Pipe Wye	Each	\$ _____	\$ _____
46. 43.	L.S.	Pipe Marker	Lump Sum		\$ _____
47. 44.	23	Reinforced concrete manhole base	Each	\$ _____	\$ _____
48. 45.	23	Manhole frame and cover	Each	\$ _____	\$ _____
49. 46.	17	Standard plain manhole, 6' - 6.99'	Each	\$ _____	\$ _____
50. 47.	2	Standard plain manhole, 7' - 7.99'	Each	\$ _____	\$ _____
51. 48.	3	Standard plain manhole, 8' - 8.99'	Each	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
52 49.	1	Standard plain manhole, 9' - 9.99'	Each	\$ _____	\$ _____
53 50.	L.S.	Unclassified excavation for 8" sewer lines, manholes including backfill and manhole seals (2,416 C.Y.)	Lump Sum		\$ _____
54 51.	786	Pipe Cushion Material	Per Cu. Yd.	\$ _____	\$ _____
55 52.	10	Reinforced concrete jacket for existing sewer	Per Lin. Ft.	\$ _____	\$ _____
56 53.	2	Connection to existing 8" sewer manhole in Alii Road at sta. (-)1+41± and in Eleu Road at sta. 0+00 including removing existing plug, excavation and backfilling	Each	\$ _____	\$ _____
				TOTAL – SEWER	
				(Item 42 40 to 55 53, inclusive)	\$ _____
<u>DRAINAGE</u>					
57 54.	34	Reinforced concrete manhole base	Each	\$ _____	\$ _____
58 55.	34	Manhole frame and cover	Each	\$ _____	\$ _____
59 56.	17	Standard plain manhole, 8' - 11.99'	Each	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
60. 57.	17	Standard plain manhole, 12' - 15.99'	Each	\$ _____	\$ _____
61. 58.	1	Flow Control Manhole	Each	\$ _____	\$ _____
62. 59.	4	3' x 3' Drain Inlet	Each	_____	\$ _____
63. 60.	26	4' x 4' Drain Inlet	Each	\$ _____	\$ _____
64. 61.	45	12" Storm drain pipe, reinforced concrete pipe, Class III	Per Lin. Ft.	\$ _____	\$ _____
65. 62.	1,695	18" Storm drain pipe, reinforced concrete pipe, Class III	Per Lin. Ft.	\$ _____	\$ _____
66. 63.	996	24" Storm drain pipe, reinforced concrete pipe, Class III	Per Lin. Ft.	\$ _____	\$ _____
67. 64.	1,122	30" Storm drain pipe, reinforced concrete pipe, Class III	Per Lin. Ft.	\$ _____	\$ _____
68. 65.	2,154	36" Storm drain pipe, reinforced concrete pipe, Class III	Per Lin. Ft.	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
69. 66.	161	66" Storm drain pipe, reinforced concrete pipe, Class III	Per Lin. Ft.	\$ _____	\$ _____
70. 67.	6	Concrete Headwall	Each	\$ _____	\$ _____
71. 68.	L.S.	Unclassified excavation for drain lines, inlets, backfill and pipe cushion (8,110 C.Y.)	Lump Sum		\$ _____
72. 69.	2,158	Pipe Cushion Material	Per Cu. Yd.	\$ _____	\$ _____
73. 70.	1	Concrete Collar	Each	\$ _____	\$ _____
74. 71.	1	Connect to Exist. 66" Drainline	Each	\$ _____	\$ _____
75. 72.	1	Connect to Exist. Drain Manhole	Each	\$ _____	\$ _____
TOTAL – DRAINAGE (Item 56 54 to 74 72, inclusive)					\$ <u>_____</u>
<u>BASIN</u>					
76.	11,244	Excavation	Per Cu. Yd.	\$ -	\$ -
77.	4,411	Embankment	Per Cu. Yd.	\$ -	\$ -
78. 73.	L.S.	Importing, Loading, Hauling and Grading	Lump Sum		\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
79. 74.	454	2" AC Pavement	Per Sq. Yd.	\$ _____	\$ _____
80. 75.	454	6" Aggregate Base Course	Per Sq. Yd.	\$ _____	\$ _____
81. 76.	454	6" Aggregate Subbase Course	Per Sq. Yd.	\$ _____	\$ _____
82. 77.	77	Riprap Spillway (18" thick)	Per Cu. Yd.	\$ _____	\$ _____
83. 78.	1,420	Reinforcement Mat	Per Sq. Yd.	\$ _____	\$ _____
TOTAL – BASIN					
(Item 75 73 to 82 78, inclusive)				\$ _____	\$ _____

EROSION CONTROL

84. 79.	7,328	Filter Sock	Per Lin. Ft.	\$ _____	\$ _____
85. 80.	7,328	Construction Dust Fence	Per Lin. Ft.	\$ _____	\$ _____
86. 81.	1,367	Reinforcement Mat	Per Sq. Yd.	\$ _____	\$ _____
87. 82.	30	Drain Inlet Protection	Each	\$ _____	\$ _____
88. 83.	2	Stabilized Construction Entrance	Each	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
89. 84.	L.S.	Maintenance of BMPs	Lump Sum		\$ _____
90. 85.	L.S.	Removal of BMPs	Lump Sum		\$ _____
TOTAL – EROSION CONTROL (Item 83 79 to 89 85, inclusive)					\$ _____

ELECTRICAL

91. 86.	L.S.	Transformer Pads	Lump Sum		\$ _____
92. 87.	32	Light Pole w/ Concrete Base and LED Light Fixture	Each	\$ _____	\$ _____
93. 88.	3	4' x 6' Handholes - Electrical	Each	\$ _____	\$ _____
94. 89.	11 9	3' x 5' Handholes - Electrical	Each	_____	\$ _____
95. 90.	10 9	2' x 4' Handholes - Electrical	Each	\$ _____	\$ _____
96. 91.	32	17" x 30" Handholes - Lighting	Each	\$ _____	\$ _____
97. 92.	8,600	4"C, PVC Schedule 40 - Electrical	Per Lin. Ft.	\$ _____	\$ _____
98. 93.	5,000	3"C, PVC Schedule 40 - Electrical	Per Lin. Ft.	_____	\$ _____
99. 94.	3,400	3"C, PVC Schedule 40 - Lighting	Per Lin. Ft.	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
100. 95.	5,000	1 1/2"C, PVC Schedule 40 - Electrical	Per Lin. Ft.	\$ _____	\$ _____
101. 96.	400	1 1/4"C, PVC Schedule 40 - Lighting	Per Lin. Ft.	\$ _____	\$ _____
102. 97.	L.S.	Conduit Stubs	Lump Sum	\$ _____	\$ _____
103. 98.	200	Conductors	CLF	\$ _____	\$ _____
104. 99.	2	Street Light Cabinets/Equipment	Each	\$ _____	\$ _____
105. 100.	8,600	Mule Tape/Pull cord	Per Lin. Ft.	\$ _____	\$ _____
106. 101.	4500	Trench, Backfill, Compact, Concrete Encase	Per Lin. Ft.	\$ _____	\$ _____
107. 102.	700	Restore Surface	Per Lin. Ft.	\$ _____	\$ _____
108. 103.	L.S.	Penetrations & Patch	Lump Sum	\$ _____	\$ _____
109. 104.	L.S.	Utility Company Coordination, Services, Miscellaneous, Etc.	Lump Sum	\$ _____	\$ _____
110. 105.	L.S.	Miscellaneous, Testing and Construction Contingencies	Lump Sum	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
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TOTAL – ELECTRICAL
(Item ~~90~~ 86 to ~~109~~ 105, inclusive) \$ _____

TELECOM/CATV

111 -106.	3,400	4"C, PVC Schedule 40 - CATV			
			Per Lin. Ft.	\$ _____	\$ _____
112 -107.	3,400	4"C, PVC Schedule 40 - Telecom			
			Per Lin. Ft.	\$ _____	\$ _____
113 -108.	1,000	2"C, PVC Schedule 40 - CATV			
			Per Lin. Ft.	\$ _____	\$ _____
114 -109.	1,000	2"C, PVC Schedule 40 - Telecom			
			Per Lin. Ft.	\$ _____	\$ _____
115 -110.	5,000	1 1/2"C, PVC Schedule 40 - CATV			
			Per Lin. Ft.	\$ _____	\$ _____
116 -111.	5,000	1 1/2"C, PVC Schedule 40 - Telecom			
			Per Lin. Ft.	\$ _____	\$ _____
117 -112.	L.S.	Conduit Stubs			
			Lump Sum		\$ _____
118 -113.	110	Cables - Data/Voice			
			CLF	\$ _____	\$ _____
119 -114.	110	Cables - CATV (110 CLF)			
			CLF	\$ _____	\$ _____
120 -115.	3	3' x 5' Telecom Handholes			
			Each	\$ _____	\$ _____

Item No.	Estimated Quantity	Description	Unit	Unit Price	Total
121. 116.	3	3' x 5' CATV Handholes	Each	\$ _____	\$ _____
122. 117.	2 18	2' x 4' Telecom Handholes 30"x48"x33" Telecom Handholes	Each	\$ _____	\$ _____
123. 118.	2 18	2' x 4' CATV Handholes	Each	\$ _____	\$ _____
124. 119.	L.S.	CATV Power Supply Pedestal/ Equipment	Lump Sum		\$ _____
125. 120.	7,200	Mule Tape/Pull cord	Per Lin. Ft.	\$ _____	\$ _____
126. 121.	2,000	Trench, Backfill, Compact, Concrete Encase	Per Lin. Ft.	\$ _____	\$ _____
127. 122.	400	Restore Surface	Per Lin. Ft.	\$ _____	\$ _____
128. 123.	L.S.	Penetrations & Patch	Lump Sum		\$ _____
129. 124.	L.S.	Utility Company Coordination, Services, Miscellaneous, Etc.	Lump Sum		\$ _____
130. 125.	L.S.	Miscellaneous, Testing and Construction Contingencies.	Lump Sum		\$ _____

TOTAL – TELECOM/CATV.
(Item ~~111~~ 106 to ~~130~~ 125, inclusive) \$ _____

MISCELLANEOUS ITEMS

131. 126.	L.S.	Fire contingency plan	Lump Sum	\$ _____
132. 127.	1	Project sign for the Department of Hawaiian Home Lands (DHHL)	Each	\$ _____ \$ _____
133. 128.	L.S.	Temporary Traffic Control Plan	Lump Sum	\$ _____
134. 129.	1	Backup open trailer-mounted Godwin 4-inch pump and diesel engine or approved equal for the existing Riverside Sewer Pump Station No. 1	Each	\$ _____ \$ _____
135. 130.	1	Backup open skid-mounted Godwin 6-inch pump and diesel engine or approved equal for the existing Fire Station Sewer Pump Station No. 2	Each	\$ _____ \$ _____
136. 131.	Allowance	Archeological Services	Allowance	\$ 100,000.00
137. 132.	Allowance	Geotechnical Services	Allowance	\$ 100,000.00
138. 133.	Allowance	Unforeseen Site Conditions	Allowance	\$ 500,000.00
139. 134.		Mobilization (Not to exceed 6% of the sum of all items, excluding bid price of this item, field office, allowances, and force account items)	Lump Sum	\$ _____

TOTAL – MISCELLANEOUS ITEMS
(Item ~~130 126~~ to ~~138 134~~, inclusive) \$ _____

RECAPITULATION

TOTAL – SITE DEMOLITION (Items 1 to 3, inclusive) \$ _____

TOTAL – SITE EARTHWORK (Items 4 to 6, inclusive) \$ _____

TOTAL – SITE IMPROVEMENTS (Items 7 to 16 inclusive) \$ _____

TOTAL – SIGNAGE AND STRIPING IMPROVEMENTS (Items 17 to 20, inclusive) \$ _____

TOTAL – WATER (Items 21 to ~~41 39~~, inclusive) \$ _____

TOTAL – SEWER (Items ~~42 40~~ to ~~55 53~~, inclusive) \$ _____

TOTAL – DRAINAGE (Items ~~56 54~~ to ~~74 72~~, inclusive) \$ _____

TOTAL – BASIN (Items ~~75 73~~ to ~~82 78~~, inclusive) \$ _____

TOTAL – EROSION CONTROL (Items ~~83 79~~ to ~~89 85~~, inclusive) \$ _____

TOTAL – ELECTRICAL (Items ~~90 86~~ to ~~109 105~~, inclusive) \$ _____

TOTAL – TELECOM/CATV (Items ~~110 106~~ to ~~129 125~~, inclusive) \$ _____

TOTAL – MISCELLANEOUS ITEMS (Items ~~130 126~~ to ~~138 134~~, inclusive) \$ _____

TOTAL – SUM BID (Items 1 to ~~138 134~~, inclusive) \$ _____

TOTAL SUM BID = _____

Dollars (\$ _____).

The prices herein for the above items shall include all materials, labor, tools, equipment, machinery and all incidentals necessary, inclusive of general excise tax to install or to construct these items in place complete and in accordance with the plans and specifications contained in this IFB.

The CONTRACTOR shall complete all work as specified or indicated in the Contract Documents on or before FOUR HUNDRED AND FIFTY (450) calendar days after receiving written Notice to Proceed, subject to extensions, as may be granted.

APPRENTICESHIP AGREEMENT PREFERENCE

Section 103-55.6, HRS, provides for a Hawai'i Apprenticeship Preference for public works contracts having an estimated value of \$250,000.00 or more. The preference shall be in the form of a 5% bid adjustment applied to the bidder's amount for bidders that are parties to apprenticeship agreements. The estimated value of this public works contract is \$250,000.00 or more and the apprenticeship agreement preference **shall** apply.

To be eligible for the preference, the bidder shall:

1. Be a party to an apprenticeship agreement registered with the DLIR at the time the bid is made for each apprenticeable trade the bidder will employ to construct the public works project for which the bid is being made.
 - a. The apprenticeship agreement shall be registered and conform to the requirements of HRS Chapter 372.
 - b. Subcontractors do not have to be a party to an apprenticeship agreement for the bidder to obtain the preference.
 - c. The bidder is not required to have apprentices in its employ at the time the bid is submitted to qualify for the preference.
 - d. If a bidder's employee is multi-skilled and able to perform work in more than one trade (for example, a project requires a carpenter and a laborer, and the employee is a carpenter, but is also able to perform the work of a laborer), the bidder need only be a party to the carpenter's apprenticeship agreement and does not need to be a party to the laborer's apprenticeship agreement in order to qualify for the preference. The bidder is not "employing" a laborer, only a carpenter, and so only needs to be a party to the carpenter's apprenticeship agreement.
 - e. Qualification for the preference is given on a project-by-project basis and depends upon the specific offer for a specific project. A bidder's employees may vary from project to project and may qualify for the preference on one project but may not qualify on another project. For example, on one project, if the bidder only employs carpenters to perform work in the carpentry and labor trades, then the bidder only needs to be a party to the carpenter's apprenticeship agreement in order to qualify for the preference. However, on another project if the same bidder employs both carpenters and laborers, then the bidder will not qualify for the preference if the bidder is only a party to the carpenter's apprenticeship agreement and not the laborer's apprenticeship agreement.
2. State the trades the bidder will employ to perform the work;

3. For each trade to be employed to perform the work, the bidder shall submit a completed signed original CERTIFICATION OF BIDDER'S PARTICIPATION IN APPROVED APPRENTICESHIP PROGRAM UNDER ACT 17 (Certification Form 1) verifying the participation in an apprenticeship program registered with the State Department of Labor and Industrial Relations (DLIR);
4. The *Certification Form 1* shall be authorized by an apprenticeship sponsor of the DLIR list of registered apprenticeship programs. The authorization shall be an original signature by an authorized official of the apprenticeship sponsor; and
5. The completed *Certification Form 1* for each trade must be submitted by the bidder with the offer. A facsimile or copy is acceptable to be submitted with the offer; however, the completed signed original must be submitted within five (5) working days of the due date of the offer. If the signed original is not received within this timeframe, the preference may be denied. Previous certifications shall not apply.

Failure to comply with ALL of the conditions noted above, without exception, shall disqualify the Bidder from qualifying for, and thus receiving, benefit of the Hawai'i Apprenticeship Preference.

The *Certification Form 1* and the List of Construction Trades in Registered Apprenticeship Programs is available on the DLIR website at: <http://labor.hawaii.gov/wdd/>.

Upon receiving *Certification Form 1*, the DHHL will verify with DLIR that the apprenticeship program is on the list of apprenticeship programs registered with the DLIR. If the program(s) are not confirmed by the DLIR, the bidder will not qualify for the preference.

If the bidder is certified to participate in an apprenticeship program for each trade which will be employed by the bidder for the project, a preference will be applied to decrease the bidder's total bid amount by five per cent (5%) for evaluation purposes.

Should the bidder qualify for other preferences (for example, Hawaii Products Preference), all applicable preferences shall be applied to the bid amount.

While the Hawai'i Apprenticeship Agreement Preference will be taken into consideration to determine the low bidder, the contract awarded shall be the original bid amount, exclusive of any preferences. The preference is only for evaluation purposes.

The bidder hereby certifies that it will employ the following apprenticeable trades to perform the work for this project:

METHOD OF AWARD

Bidder is required to bid on the entire project. The low bidder shall be determined by the procedures outlined in items 1) through 5) below:

- 1) Prior to opening of bids, the State will determine the amount of funds available for the project. This amount will be designated the "control amount". The control amount shall be announced at, and prior to the opening of bids.
- 2) The Base Bid and Alternate, if any, of each Bidder will be adjusted to reflect the applicable preferences in accordance with Chapter 103D, HRS. The Alternate, if any, will then be added to the Base Bid and compared with the control amount.
- 3) The low bidder shall be the Bidder having the lowest aggregate amount, within the control amount (after application of the various preferences), for the Base Bid plus the Alternate, if any.
- 4) If adding the Alternate, if any, would make the aggregate amount exceed the control amount for all Bidders, the low bidder shall be the Bidder having the lowest Base Bid after application of the various preferences.
- 5) A written notice of award of a contract will be made within hundred eighty (180) days after the opening of the bids. Said notice shall not be construed to be authorization to proceed with the performance of services under the contract. Any services performed by the Contractor prior to the date indicated in the Notice to Proceed shall be at the Contractor's risk. The bid price shall be firm for a minimum of hundred eighty (180) days from bid opening date to allow for contract execution.

It is further understood and agreed that:

- 1) The Chairman reserves the right to reject any and/or all bids and waive any defects when, in his opinion, such rejection or waiver will be in the best interest of the State.
- 2) After determining the low bidder, an award may be made either on the amount of the Base Bid alone, or including the Alternate (exclusive of preferences), if:
 - a. It is in the best interest of the State;
 - b. Funds are available at time of the award; and
 - c. The combination of the Base Bid plus Alternate does not change the apparent low bidder.
- 3) In the event the Base Bid for all Bidders exceed the control amount, the Chairman reserves the right to negotiate with the lowest responsible and responsive bidder to award a contract within available funds.
- 4) In the event the award is made for the Base Bid alone, the Chairman reserves the right to amend the contract at a later date to include the Alternate should funds subsequently become available.

OTHER CONDITIONS

- 1) The liquidated damages per working day for failure to complete the work on time have been determined and are noted in the Special Conditions of the sample contract.
- 2) By submitting this bid, the undersigned is declaring that his firm has not been assisted or represented on this matter by an individual who has, in a State capacity, been involved in the subject matter of this contract in the past one (1) year.
- 3) By submitting this bid, the undersigned is declaring that Bidder's own organization will perform at least 20% of the contractor's work. For the purposes of this section, the Contractor's work is defined as: direct cost labor for contractor's forces; direct cost materials installed by the contractor's direct cost labor force; direct cost equipment, either owned or leased, used by the contractor's direct cost labor force; and field overhead cost to include: field supervision, field office trailer (if any), field office equipment and supplies, etc.
- 4) Upon the acceptance of the bid by the Chairman, the undersigned must enter into and execute a contract for the same and furnish a Performance and Payment Bond, as required by law. These bonds shall conform to the provisions of Sections 103D-324 and 325, HRS, and any law applicable thereto.
- 5) The estimated quantities given herewith are approximate only, and are subject to increase or decrease.
- 6) The estimated quantities shown for items for which a UNIT PRICE is asked in this bid are only for the purpose of comparing on a uniform basis bids offered for the work under this contract. No claim shall be filed for anticipated profit or loss because of any difference between the quantities of the various classes of work done or the materials and equipment actually installed and the said estimated quantities. Payments will be made per the actual progress incorporated into the finished project at the contract Lump Sum Price.
- 7) If the product of the UNIT PRICE BID and the number of units does not equal the total amount stated by the undersigned in the Bid for any item, it will be assumed that the error was made in computing the total amount. For the purpose of determining the lowest Bidder, the stated UNIT PRICE alone will be considered as representing the Bidder's intention and the total amount bid on such items shall be considered to be the amount arrived at by multiplying the UNIT PRICE by the number of units.
- 8) Certification for Safety and Health Programs for Bids in Excess of \$100,000. In accordance with Sections 103D-327 and 396-18, HRS, by submitting this bid, the undersigned certifies that his firm will have a written Safety and Health Plan for this project that will be available and implemented by the Notice to Proceed date of this project. Details of the requirements of this plan may be obtained from the Department of Labor and Industrial Relations, Occupational, Safety and Health Division.
- 9) Any contract arising out of this offer is subject to the approval of the Department of the Attorney General as to form, and to all further approvals, including the approval of the Governor, required by statute, regulation, rule, order, or other directive.

Receipt of the following addenda issued by the Department is acknowledged by the date(s) of receipt indicated below:

	Date		Date
Addendum No. 1	_____	Addendum No. 5	_____
Addendum No. 2	_____	Addendum No. 6	_____
Addendum No. 3	_____	Addendum No. 7	_____
Addendum No. 4	_____	Addendum No. 8	_____

It is understood that failure to receive any such addendum shall not relieve the Contractor from any obligation under this IFB as submitted.

Bid Security in the amount of: _____

_____ DOLLARS (\$ _____)

as required by law, is enclosed herewith in the form of:

- | | |
|--|---|
| <input type="checkbox"/> Surety Bond (*1) | <input type="checkbox"/> Official Check (*3) |
| <input type="checkbox"/> Legal Tender (*2) | <input type="checkbox"/> Share Certificate (*3) |
| <input type="checkbox"/> Cashier's Check (*3) | <input type="checkbox"/> Teller's Check (*3) |
| <input type="checkbox"/> Certificate of Deposit (*3) | <input type="checkbox"/> Treasurer's Check (*3) |
| <input type="checkbox"/> Certified Check (*3) | |

Respectfully submitted,

Name of Company, Joint Venture or Partnership

License No.

By _____
Signature (*4)

Title: _____

Date: _____

Address: _____

Telephone No.: _____

IF A CORPORATION, AFFIX CORPORATE SEAL TO SIGNATURE.

THIS BID FORM MAY NOT BE ALTERED AND BIDDERS MAY NOT QUALIFY OR CONDITION THEIR BIDS IN ANY WAY.

PLEASE FILL OUT THE ATTACHED CERTIFICATE OF RESOLUTION GIVING EVIDENCE OF THE AUTHORITY OF THIS OFFICER TO SUBMIT BIDS ON BEHALF OF THE COMPANY.

NOTES:

- *1. Surety bond underwritten by a company licensed to issue bonds in this State;
- *2. Legal tender; or
- *3. A certificate of deposit; share certificate; or cashier's, treasurer's, teller's, or official check accepted by, and payable on demand to the State by a bank, a savings institution, or credit union insured by the Federal Deposit Insurance Corporation of the National Credit Union Administration.
 - A. These instruments may be utilized only to a maximum of \$100,000.
 - B. If the required security or bond amount totals over \$100,000, more than one instrument not exceeding \$100,000 each and issued by different financial institutions shall be accepted.
- *4. Please attach to this page evidence of the authority of this officer to submit bids on behalf of the Company, and also the names and residence addresses of all officers of the Company.
- *5. Fill in all blank spaces with information asked for or bid may be invalidated. BID MUST BE INTACT; MISSING PAGES MAY INVALIDATE YOUR BID.

CERTIFICATE OF RESOLUTION

I, _____, Secretary of _____, a Hawaii Corporation, do hereby certify that the following is a full, true and correct copy of a resolution duly adopted by the Board of Directors of said Corporation, at its meeting duly called and held at the office of the Corporation _____, Hawaii, on _____ day of _____, 20____, at which a quorum was present and acting throughout; and that said resolution has not been modified, amended or rescinded and continues in full force and effect.

“RESOLVED that any individual at the time holding the position(s) of _____, be, and each of them hereby is, authorized to execute on behalf of the Corporation any bid, proposal or contract for the sale or rental of the products of the Corporation or for the services to be performed by the Corporation and to execute any bond required by any such bid, proposal or contract with the United States Government or the State of Hawaii or the City and County of Honolulu, or any County of Municipal Government of said State, or any department or subdivision of any of them.”

IN WITNESS THEREOF, I have hereunto set my hand and affixed the corporate seal of said

_____ this _____ day of _____, 20____.

Secretary

END OF BID

SECTION 02282 – SOIL TREATMENT FOR VEGETATION CONTROL

PART 1 - GENERAL

1.01 GENERAL REQUIREMENTS:

- A. The General Requirements preceding these specifications shall govern this section of the work.
- B. This work shall consist of furnishing all labor, materials, and incidentals necessary to apply weed killer on prepared subgrade ~~below gravel layer~~ within the pump station.

1.02 DESCRIPTION OF WORK

This work shall spray weed killer on the subgrade of all existing unpaved areas where new pavement or building structures are constructed.

1.03 SUBMITTALS

- A. Before installation, submit to the Engineer affidavits from the manufacturers or suppliers of the weed killer to be furnished and applied under this section certifying that such materials delivered to the project conform to the requirements of these specifications.

PART 2 - PRODUCTS

2.01 MATERIALS

Weed Killer shall be "Casoron 4G", "Norosac 4G", or an approved equal for under asphalt application on new or rebuilt pavement, and shall be "Hyvar X," "Roundup," or approved equal for application to existing weeds for resurfacing jobs.

PART 3 - EXECUTION

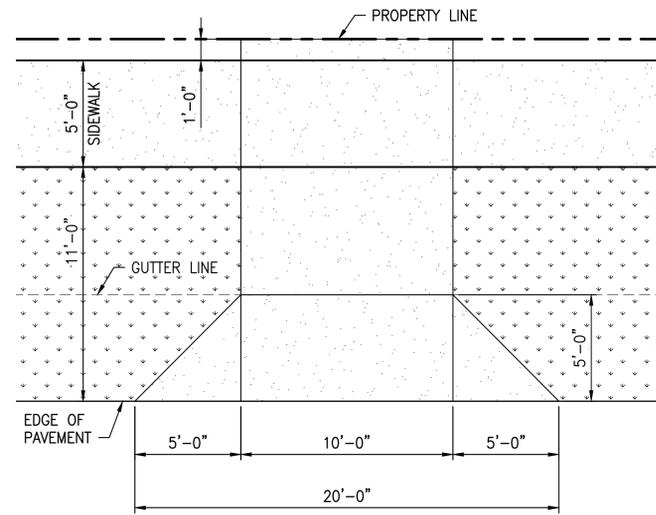
3.01 APPLICATION

- A. The Weed killer shall be mixed and uniformly spread using calibrated application equipment at the maximum rates permitted under asphalt use and according to the manufacturer's label.

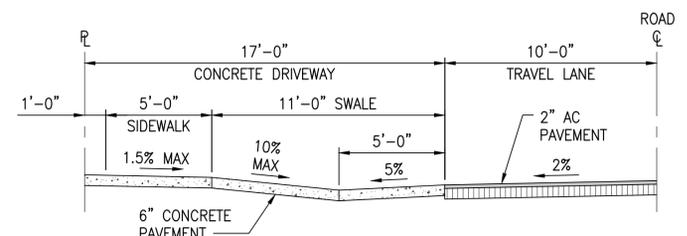
Base course material shall be installed as soon as possible after applying the weed killer to preclude loss of germination inhibiting action.
- B. In the treatment of existing growth on resurfacing pavement areas, the weed killer shall be mixed and uniformly sprayed according to the manufacturer's label.

- C. Nut grass shall be retreated two days after initial application and if growth still exists.
- D. The Contractor shall notify the Engineer 24 hours before applying weed killer.

END OF SECTION



PLAN

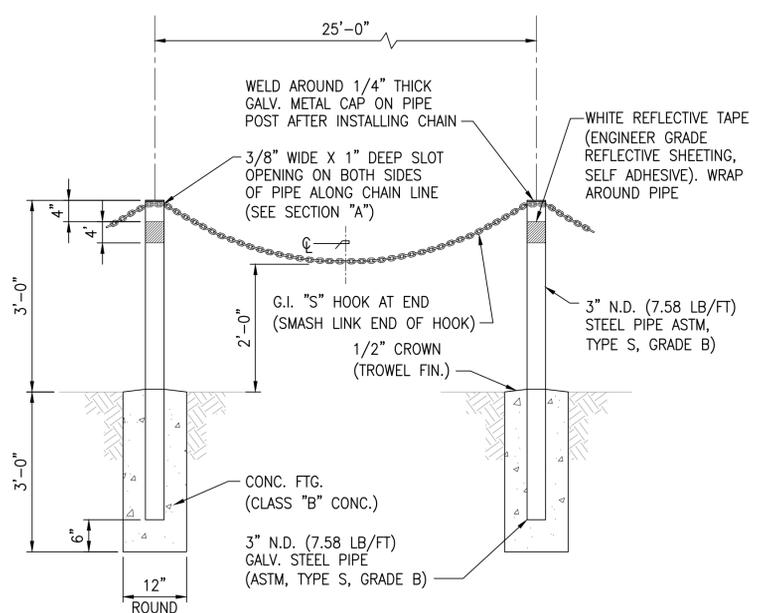


SECTION

NOTES:

- 6" CONCRETE PAVEMENT - REINFORCED WITH 6"x6"-MW19xMW19 WWF OR CONCRETE REINFORCING ADDITIVE SHALL BE CONSTRUCTED.
- PROVIDE CONSTRUCTION JOINTS AT EDGE PAVEMENT AND PROPERTY LINE.

7 TYPICAL CONCRETE DRIVEWAY DETAIL
C-502 NOT TO SCALE



SECTION "A"

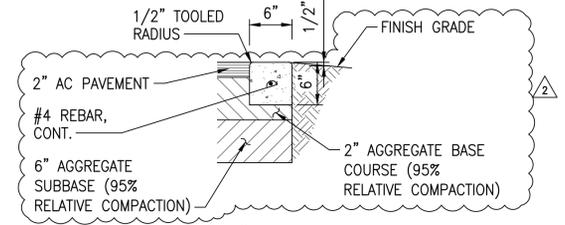
NOTES:

- ALL WELDED CONNECTIONS SHALL BE PAINTED WITH TWO COATS OF Z.R.C. COLD GALVANIZING COMPOUND.
- "S" HOOKS SHALL BE 5/16" WITH TIP TAPERED TO 3/16".
- NO SPLICING SHALL BE ALLOWED ON G.I. PIPE POSTS.
- ALL PIPE SIZES ARE NOMINAL DIAMETER (N.D.).

8 POST AND CHAIN BARRIER DETAIL
C-502 NOT TO SCALE

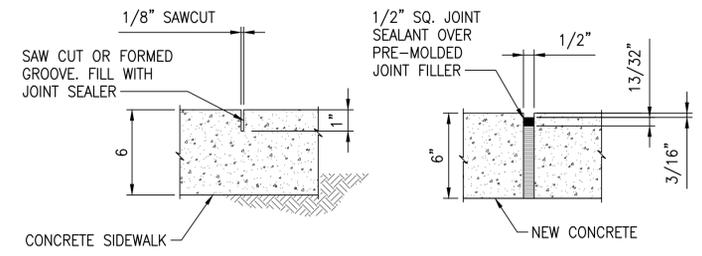
NOTES:

- SAWCUT TRANSVERSE CONTRACTION JOINTS IN CONCRETE HEADER TO 1-1/2" DEPTH AT 5' O.C. FILL JOINTS WITH FUEL AND OIL RESISTANT JOINT SEALER.
- IN AREAS INACCESSIBLE TO THE SAWCUTTING MACHINE, USE HAND TOOLS TO FORM THE CONTRACTION JOINT TO A DEPTH OF 1-1/2".



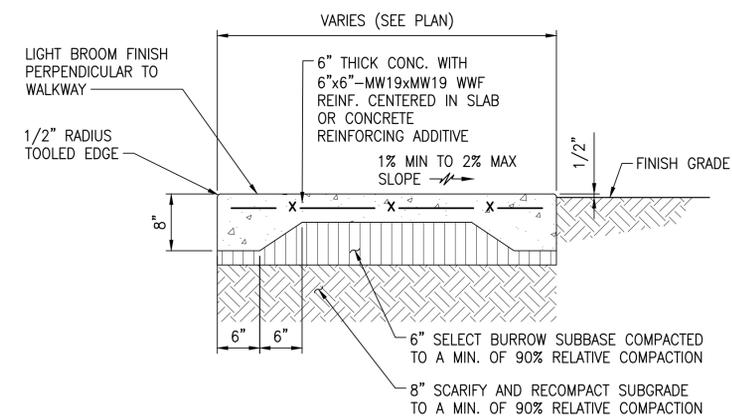
6"x6" HEADER

4 TYPICAL CONCRETE HEADER DETAIL
C-502 NOT TO SCALE

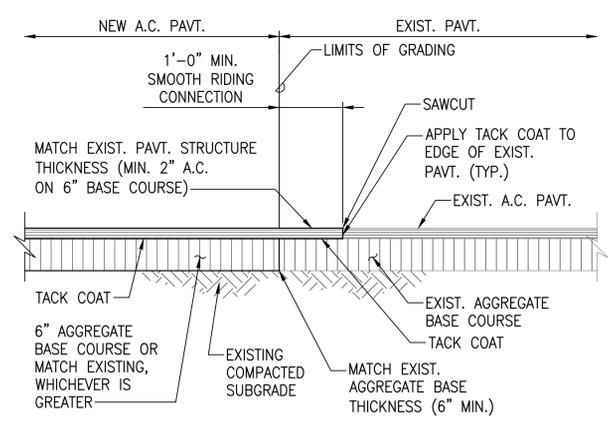


SAW CUT JOINT

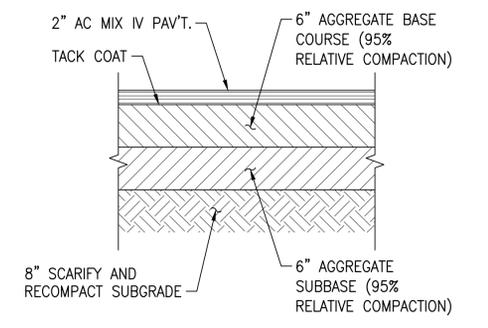
EXPANSION JOINT



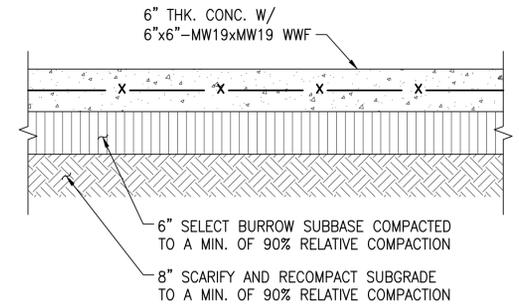
5 CONC. SIDEWALK DETAIL
C-502 NOT TO SCALE



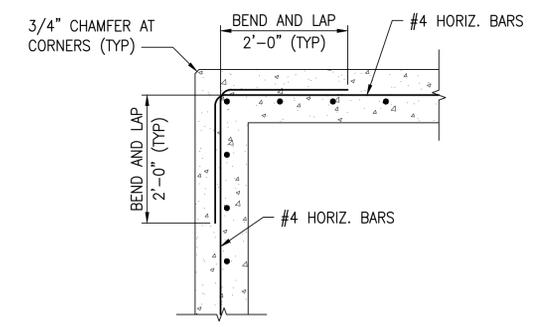
6 SMOOTH RIDING CONNECTION DETAIL
C-502 NOT TO SCALE



1 AC PAVEMENT DETAIL
C-502 NOT TO SCALE

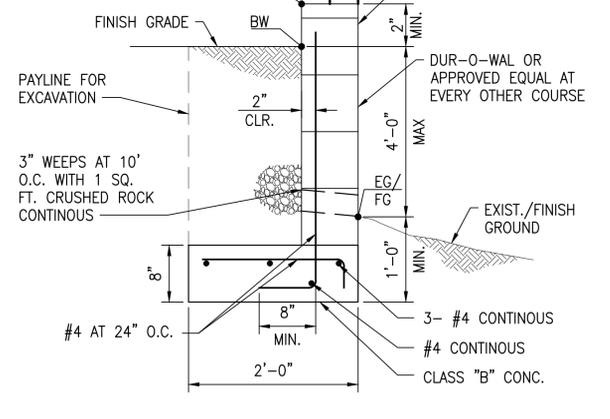


2 CONC. PAVEMENT DETAIL
C-502 NOT TO SCALE



NOTE:

HORIZONTAL REINFORCEMENT WALLS MAY BE 1-#4 AT 24" O.C. IN LIEU OF DUR-O-WAL



3 GRADE ADJUSTMENT WALL DETAIL
C-502 NOT TO SCALE

W:_CIVIL_3D PROJECTS\2018_021_001 DHHL HANAPEPE RESIDENTIAL SUBDIVISION PHASE 2\01 CE DWG\C-502 CIVIL DETAILS - 1.DWG 12/12/2022 1:28 PM BROWN

The work was prepared by me or under my supervision and I am a duly Licensed Professional Engineer in the State of Hawaii. My License No. is 4730/2/4. I am the Designer of this project. My Signature: [Signature] Date: 12/12/22

SSFM International, Inc. 501 Summer Street Suite 620 Honolulu, Hawaii 96817

REVISION	DATE	DESCRIPTION	MADE BY	APPROVED
2	12/12/22	ADDENDUM 5		

PROJECT: DEPARTMENT OF HAWAIIAN HOME LANDS SITE AND INFRASTRUCTURE IMPROVEMENTS FOR HANAPEPE RESIDENTIAL LOTS, PHASE 2 TMK: (4) 1-8-007: 003 (PORTION) & (4) 2-8-007: 001 TO 050 (PORTION) Hanalei, Kauai, Hawaii

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