

Demolish existing structure on TMKs: 5-4-11: 20 & 5-4-18: 03.

Relocate electrical utilities. See electrical drawings for temporary and permanent electrical relocation phasing.

Construct trial and load test drilled shafts and perform load test. See structural drawings.

Construct detour roadway and temporary bridge. See shts. C-25 to C-30 and structural drawings. Construct temporary 16" waterline on temporary bridge and up 5. to but without disturbing the existing 16" waterline. See 16" Waterline Phasing Plans and Phase 1 Plan, shts. C-31 - C-32. Install quardrails, see quardrails, details shts. C-44 - C-47. Open detour to vehicles and pedestrians. Close existing bridge.

Install temporary 12" waterline and relocate existing 12" waterline. See 12" Waterline Phasing Plan, Phase 1 & 2 Plan and Phase 3 Plan, shts. C-21 - C-23.

After the permanent 12" waterline has been pressure tested, accepted by BWS and placed into service and temporary 12" waterline removed, connect the temporary 16" waterline to the existing 16" waterline. See 16" Waterline Phase 2 Plan, sht. C-33

Demolish existing Kaipapau Stream bridge. See sht. C-16 and structural drawings. Demolish and remove portion of ex. 16" waterline and concrete support system as required to construct new bridge. See 16" Waterline Phase 2 Plan, sht. C-33

Construct Phase 1 new Kaipapau Stream bridge. See Construction Sequence, Phase 1 of structural drawings, shts. S0.7, S0.7A, and S0.7B.

Partially remove Detour roadway and temporary bridge. Construct temporary pavement transitions, signing and pavement markings. Temporary work shall be considered incidental to the various items of work. Construct Phase 2 of new Kaipapau Stream bridge. See Construction Sequence, Phase 2 of structural drawings, shts. S0.8, SO.8A, and SO.8B.. Install relocated 16" waterline. See 16" Waterline Phase 3 Plan, sht. C-34

Remove remainder of Detour roadway and temporary bridge.

Construct sand bags and shotcrete lining along north bank, upstream of Kaipapau Stream bridge. See sht. C-19.

Construct dumped riprap along north and south bank, downstream of Kaipapau Stream bridge. See sht. C-17 and C-19.

Construct AC pavement. See sht. C-17. The contractor shall submit a pavement phasing plan and schedule for Engineer's review and approval.

Construct final signing and pavement markings. See sht. C-24.

**Graphic Scale:** Scale in Feet

3. The Contractor shall perform work to ensure continuous traffic and pedestrian flow.

4. Changes to the construction sequence shall require written acceptance of the changes from the Engineer. The impact of the changes shall be at no additional cost or increase in contract time.

The Contractor shall ensure that water and other utility line construction are fully coordinated with Board of Water Supply and Private Utility Companies.

6. All temporary measures required shall be considered incidental to the various items of work.



DEPARTMENT OF TRANSPORTATION OVERALL CONSTRUCTION

PHASING PLAN Kamehameha Highway Kaipapau Stream Bridge Replacement Federal Aid Project No. BR-083-1(48)

Scale: As Noted

Date: February 2021 SHEET No. C-11 OF SHEETS

APPROVED: MAY 2 4 2021 Manager and Chief Engineer, BWS (for work affecting BWS facilities SIGNATURE LIC. EXPIRATION
R. M. TOWILL CORPORATION State R/W & BWS easements only)

RMTC JOB NO.: 1-19548-0E