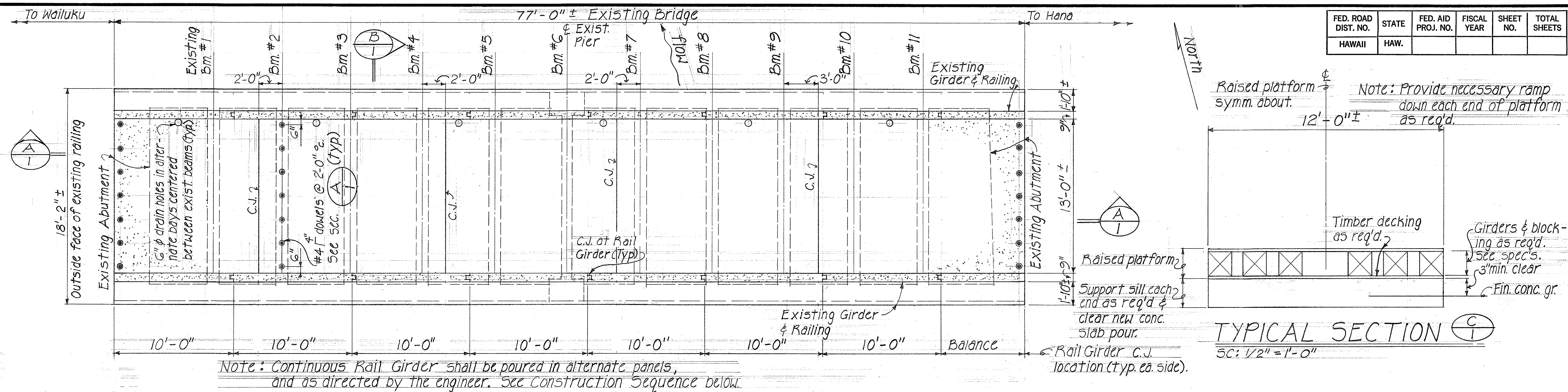


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEET
HAWAII	HAW.				



BRIDGE DECK FRAMING PLAN SC: $\frac{1}{4}'' = 1' - 0''$

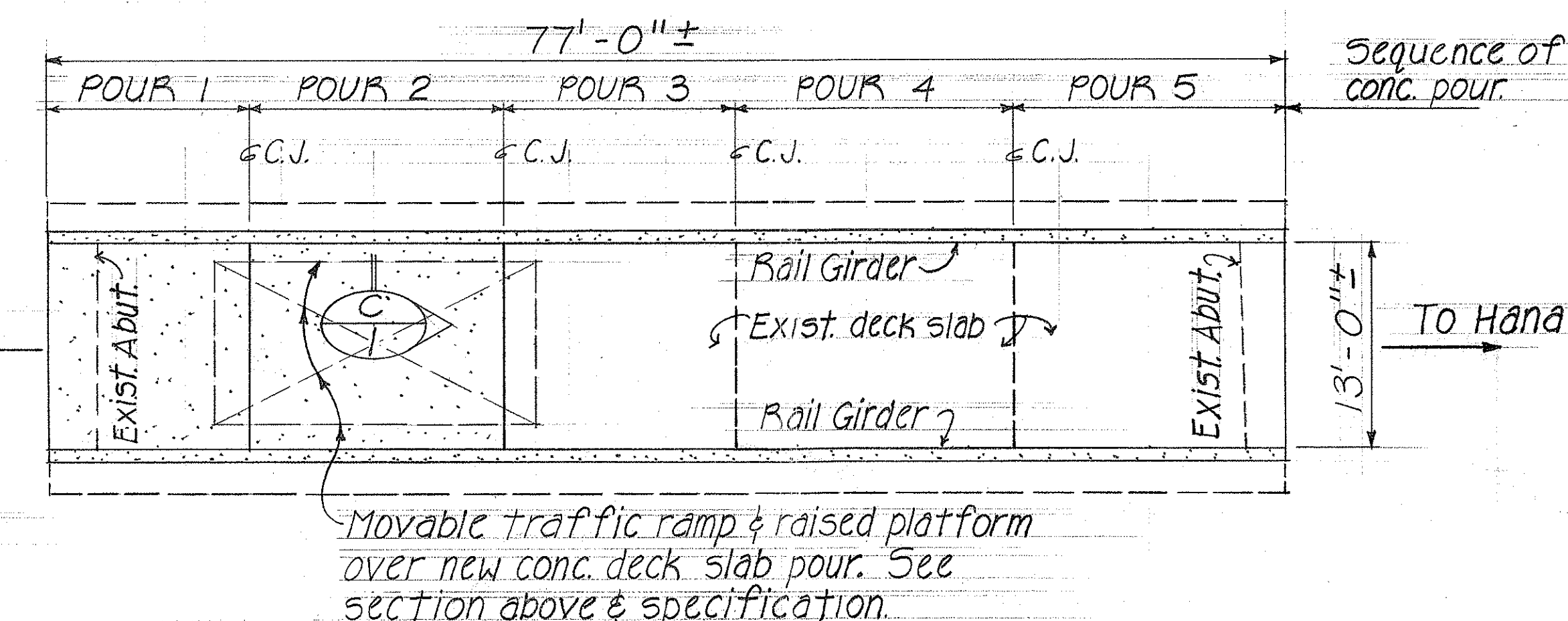
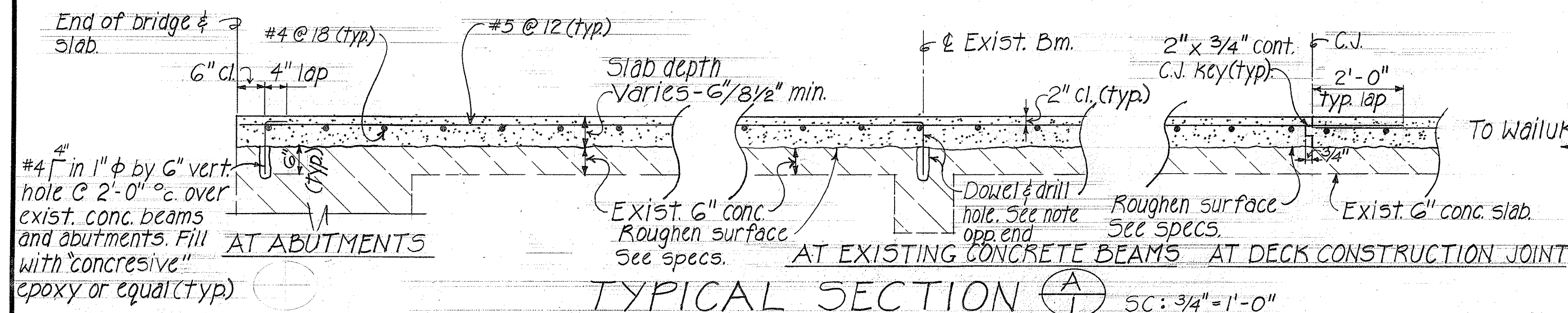
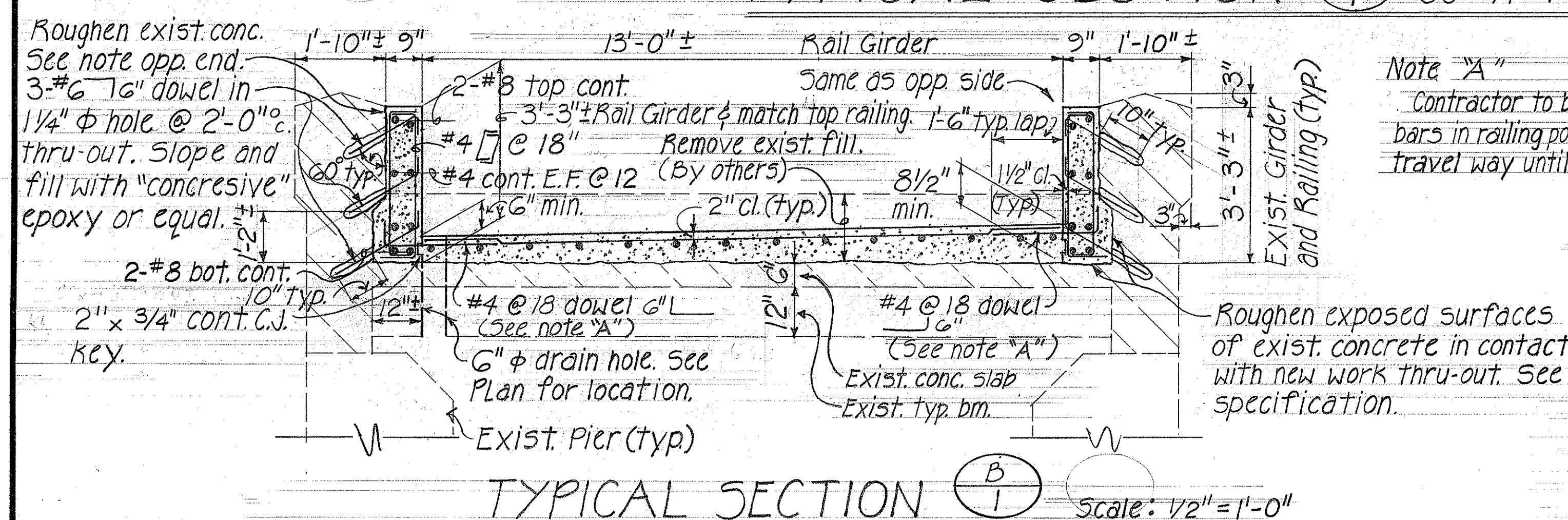


DIAGRAM-DECK SLAB CONSTRUCTION
SEQUENCE SC: $\frac{1}{8}" = 1'-0"$ ESTIMATED QUA

<u>ESTIMATED QUANTITIES</u>	
Concrete	LUMP SUM (38 c.y.)
Reinforcing Steel	LUMP SUM (5,650 lbs)
Sandblasting (roughen surfaces)	1,656 sq. ft.
Drain holes	6 ea.
Temporary Traffic Ramp	LUMP SUM



General Note:

Contractor may be allowed an alternate method of construction subject to the approval of the Engineer. Working drawings, plans, calculations and other necessary details shall be submitted for review and approval. Drawings shall be prepared on tracing paper of same size and format as contract plans. The tracings shall become the property of the Department upon completion of the work. If the alternate design is approved, no increase in the total contract cost will be allowed.

SEQUENCE OF CONSTRUCTION :

Phase I - Drill 6" ϕ drain holes flush with downstream face of new inside edge of Rail Girder in alternate bays (see plan) centered between floor beams.

Phase II - Place reinforcement as shown in plans and pour 10 ft. maximum increments of Rail Girder in alternate panels. One-half of each Rail Girder will be poured in this phase.

Phase III - Seven days after conc. pour repeat Phase II for balance of alternate panels.

Phase IV - Place reinforcement and pour 20 ft. max. length (see plan) of deck topping. Place

temporary ramp to span new conc. and remove when conc. reaches compressive

temporary pump to span new cone, and remove wheel cone, jacking compressive strength of 3,000 psi.

Phase V - Repeat Phase IV five times. Provide temporary transition after ramp is removed.

Phase VI - Provide permanent A.C. transition to roadway at bridge approaches.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KOPIILIULA BRIDGE

STRENGTHENING OF EXISTING
BRIDGE DECK

Proj. No. 360-AB-01-76
Scale: AS NOTED Date:

SHEET NO. / OF / SHEETS