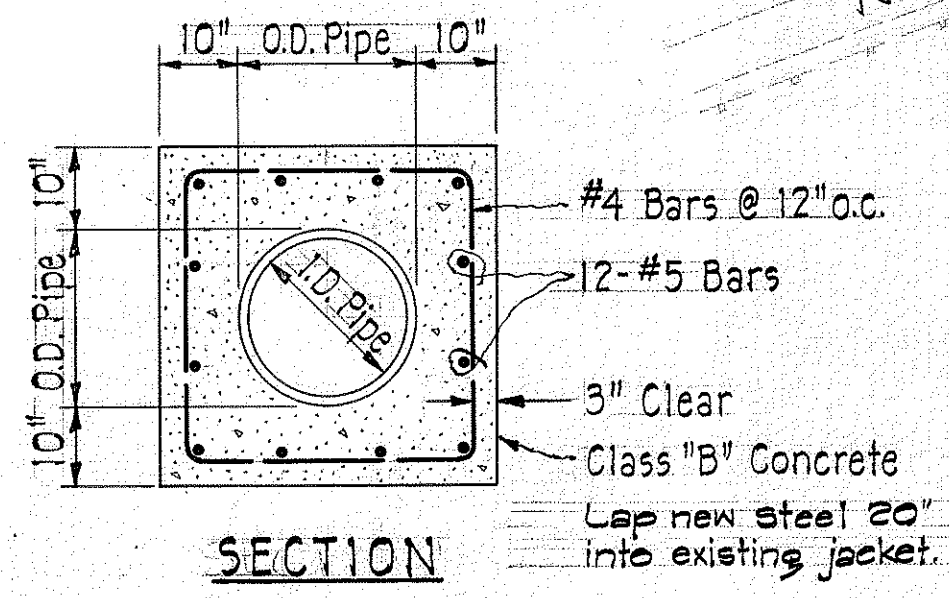


CURVE DATA

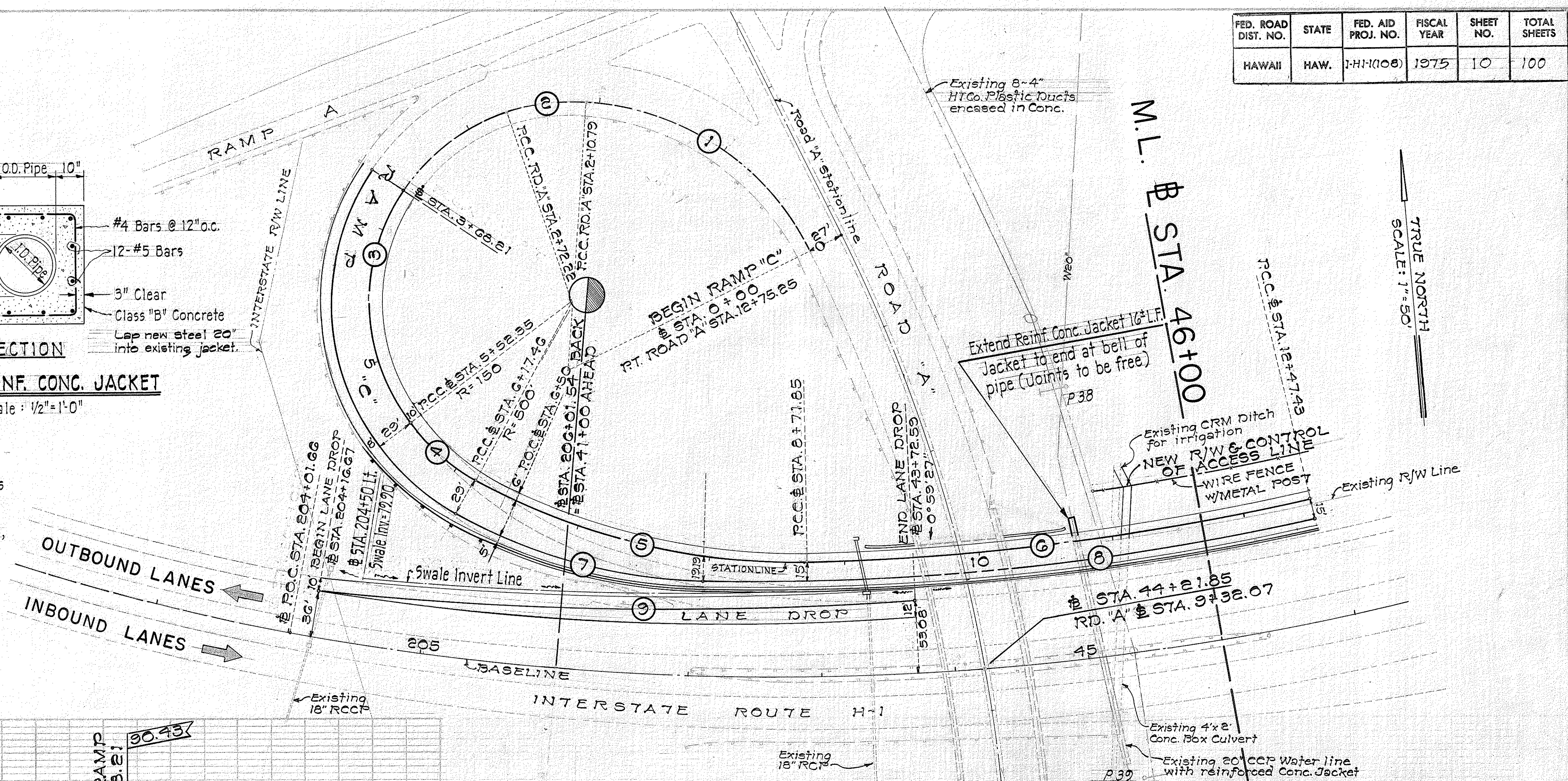
① Δ = 53° 56' 00" Δ/2 = 26° 58' 00" R = 201.51 T = 116.19 C = 201.31 L = 210.79	② Δ = 23° 28' 00" Δ/2 = 11° 44' 00" R = 150.00 T = 31.16 C = 61.01 L = 61.43	③ Δ = 107° 00' 00" Δ/2 = 53° 30' 00" R = 150.00 T = 202.71 C = 241.16 L = 280.19
④ Δ = 24° 58' 21.5" Δ/2 = 12° 29' 10.8" R = 150.00 T = 33.08 C = 64.61 L = 65.12	⑤ Δ = 29° 09' 02.9" Δ/2 = 14° 34' 31.4" R = 500.00 T = 130.01 C = 251.65 L = 254.39	⑥ Δ = 11° 19' 33.3" Δ/2 = 5° 39' 46.6" R = 1900.00 T = 188.41 C = 374.97 L = 375.58
⑦ Δ = 27° 26' 13.7" Δ/2 = 13° 43' 06.8" R = 400.00 T = 97.65 C = 189.72 L = 191.55	⑧ Δ = 13° 37' 41.4" Δ/2 = 6° 48' 50.7" R = 1915.00 T = 228.83 C = 454.42 L = 455.50	⑨ Δ = 10° 14' 7.8" Δ/2 = 5° 7' 3.9" R = 2500.00 T = 223.90 C = 446.01 L = 446.61



TYPICAL REINF. CONC. JACKET
Scale: 1/2" = 1'-0"

GENERAL WATER NOTES (B.W.S.)

- Unless otherwise specified, all materials and construction of water system and appurtenances shall be in accordance with the STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, dated 1969, as amended, of the Hawaii Highways Division, Department of Transportation.
- Any excavation work around the existing water main including excavation for other facilities, shall be done by hand.
- The Contractor shall notify the Board of Water Supply in writing one week prior to commencing work on the main.
- The locations of existing underground utilities and structures as shown on the plans are from the latest available data but are not guaranteed as to accuracy, or that obstacles may not be encountered in the course of work. The Contractor shall be responsible and pay for any damages to existing utilities.
- All plans approved by the Board of Water Supply are based solely on the adequacy of the water supply. All other features of the water system such as lines, grades, fittings, etc., shall be the responsibility of the Engineer who prepared the plans.



APPROVED:
[Signature] 7/2/74
 ASS'T. CHIEF ENGINEER, BWS (Water)
[Signature] 4-29-74
 HAWAIIAN TELEPHONE CO., LTD.
[Signature] 5-9-74
 HAWAIIAN ELECTRIC CO., INC.

