

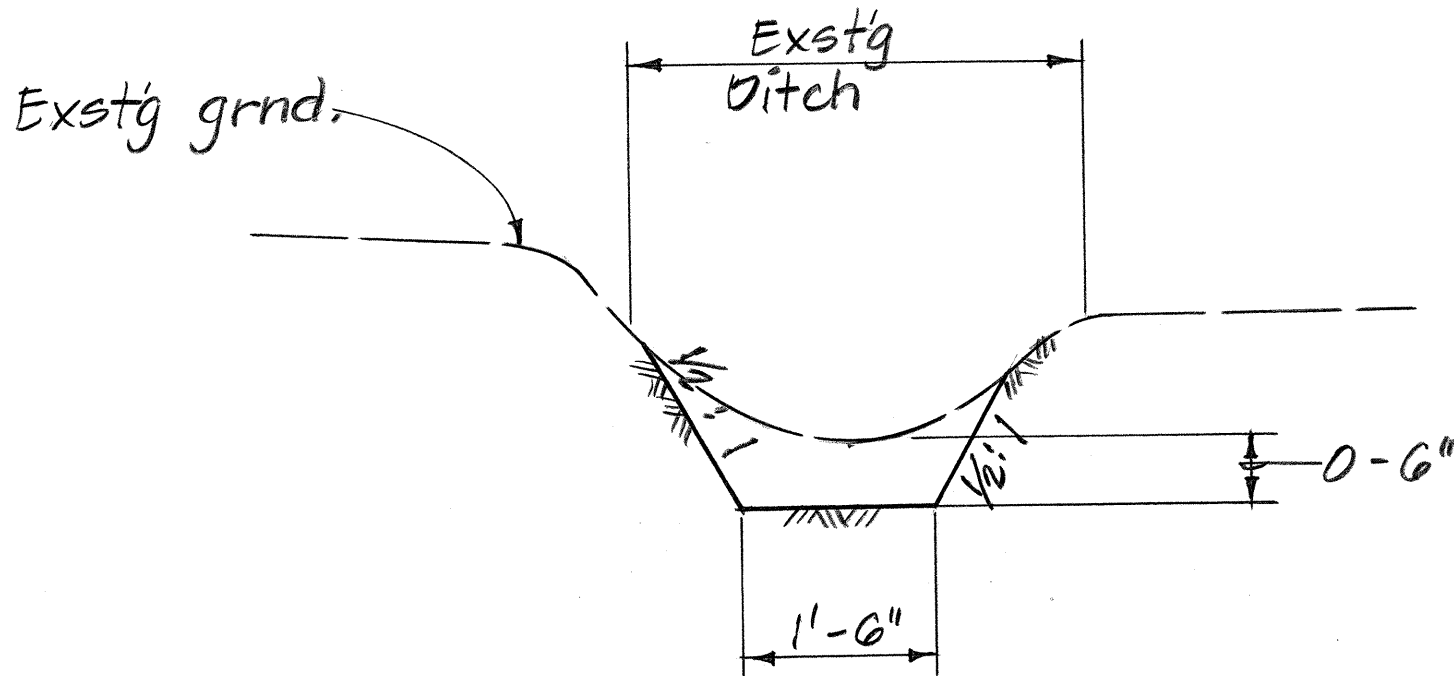
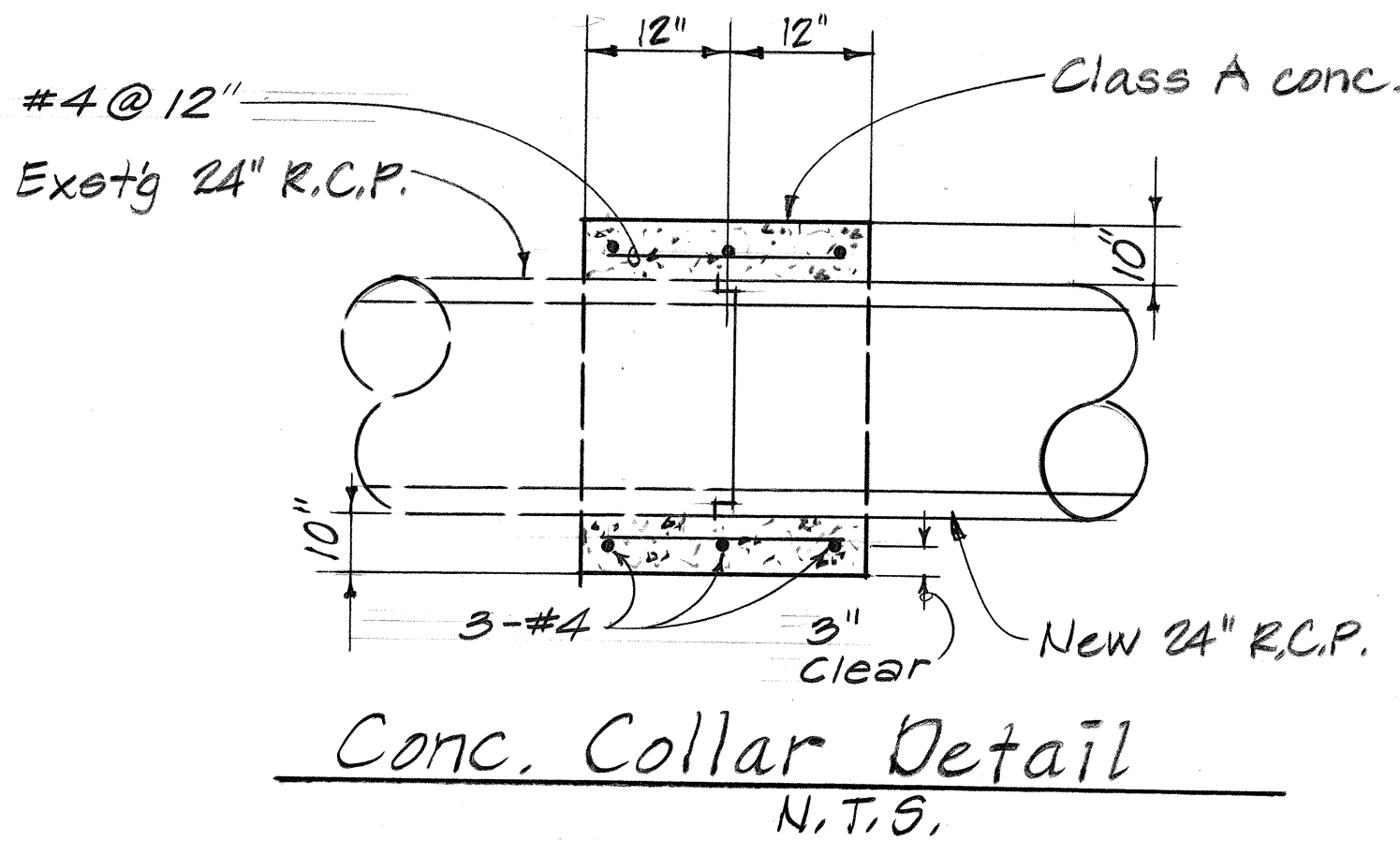
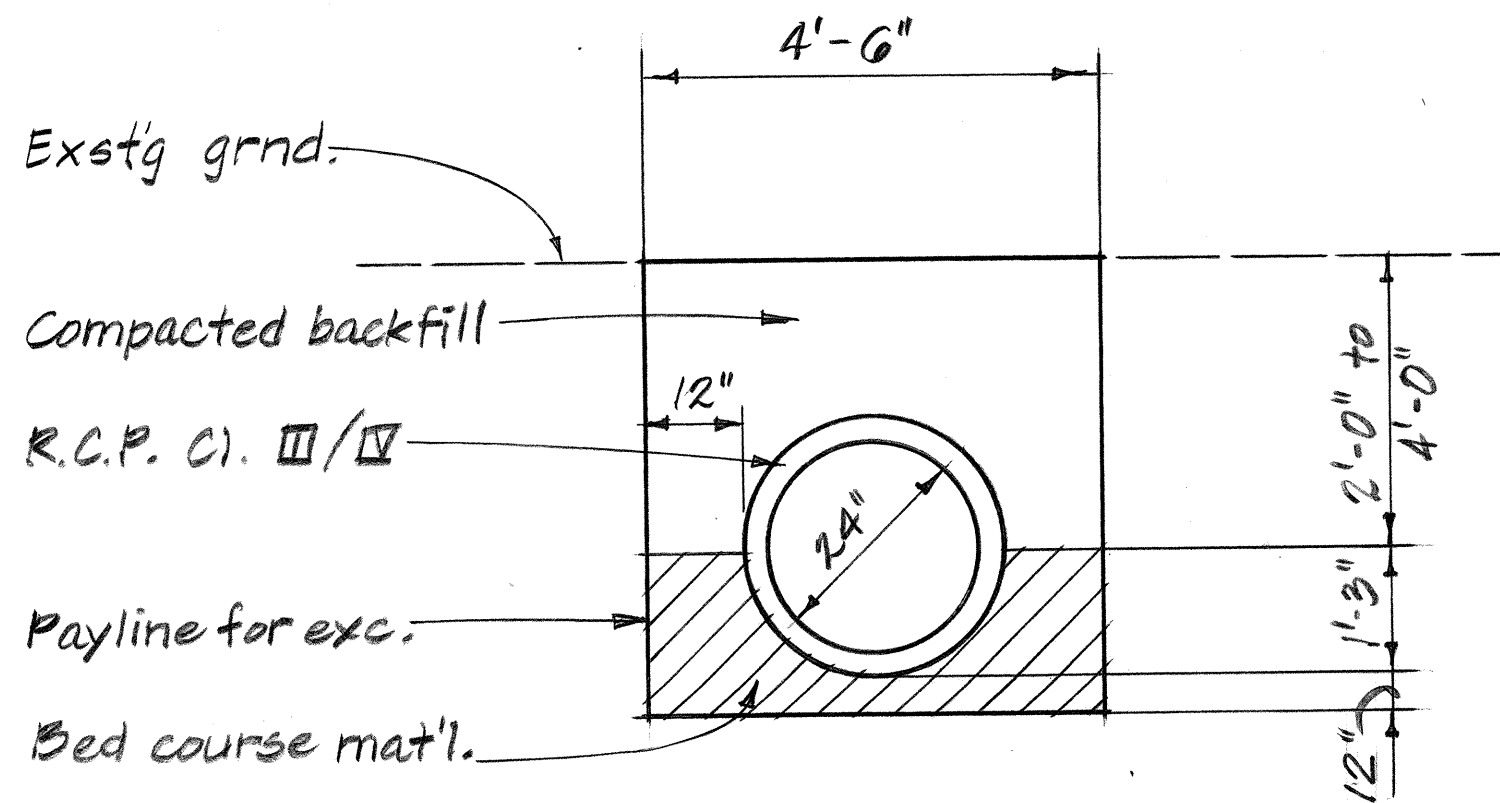
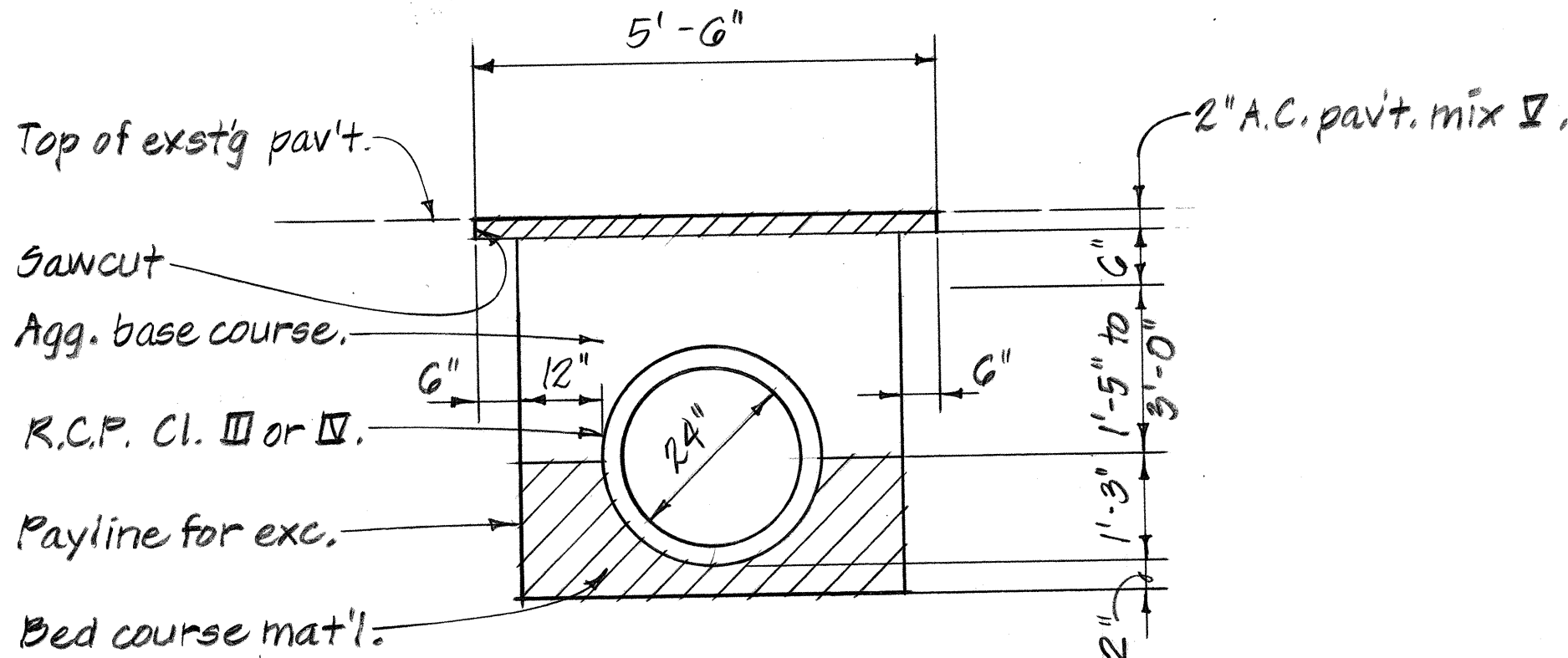
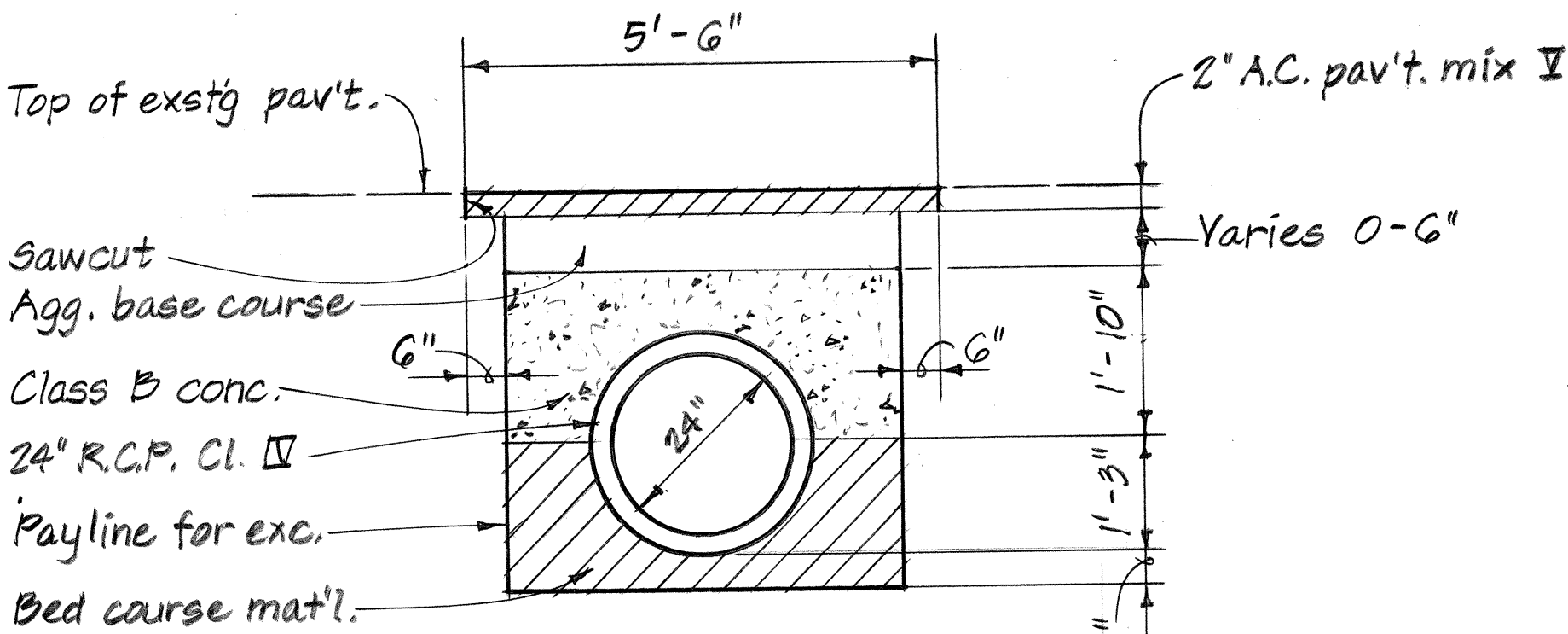
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-02-89	1989	3	4

GENERAL NOTES:

- Scope of work: Replacing exstg. drain pipes with new reinforced conc. pipes and constructing new conc. headwall.
- All elev's. are based on mean sea level".
- All lanes shall be open to traffic during the morning peak hours (6:30 to 8:30 am.), afternoon peak hours (3:30 to 5:30 pm), and during off work hours. Only one lane of highway shall be closed at any other time.
- The contractor shall conduct his operation in a responsible manner such that the roadway will be able to drain at all times and at no time shall the capacity to drain be less than existg conditions.
- No material or equipment shall be stockpiled or parked within the Highway Right-of-Way except at locations designated by the Engineer.
- The existence and location of underground utilities, manholes, conduits, signs and structures as shown on the plans are from the latest available data, but the accuracy is not guaranteed.
- The contractor shall be held liable for any damages incurred to existing utility facilities as a result of his operations. All damages shall be repaired and/or replaced immediately in accordance with the standards and Specifications of the State and/or the affected Utility Company.
- Removing structures and obstructions, reinforcing steel, restoring existg pavements, removing and installing signs and utilities and restriping edge of pavement will not be measured for payment but shall be considered incidental to various contract items of work.
- The contractor shall provide adequate, safe and non-skid bridging material over the trench, including shoring when trenching in pavement areas to handle all types of vehicular traffic.
- Break through wall of existg G.D.I. at sta. 2+53 <sup>3+69</sup> ~~3+57~~ and install new 24" R.C.P. Cement grout around pipes. This work shall be considered incidental to the various items of work.

ESTIMATED QUANTITIES

Structure Exc.	=	<del>42</del> C.Y.	520.80
Aggregate Base	=	<del>135</del> C.Y.	184.80
A.C. Mix V	=	<del>87</del> Tons	50.79
Class A conc.	=	<del>4</del> C.Y.	4.40
Class B conc.	=	<del>55</del> C.Y.	40
Bed course mat'l.	=	<del>47</del> C.Y.	161.40
24" R.C.P. Cl. III	=	<del>213</del> L.F.	210
24" R.C.P. Cl. IV	=	<del>355</del> L.F.	345.20



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
Kuhio Hwy. Drainage Improvements Between Coconut Plantation & Uhelekawawa Canal Proj. No. 56A-02-89
Gen. Notes, Typ. Sect., Est. Quan., & Misc. Details Not to scale Jan. 1989
SHEET No. 3 OF 4 SHEETS

DATE	____
DESIGNED BY	____
CHECKED BY	____
QUANTITIES BY	____
DESIGNED BY	____
TRACED BY	____
DRAWN BY	____
SYMBOLS BY	____
ORIGINAL PLAN	____