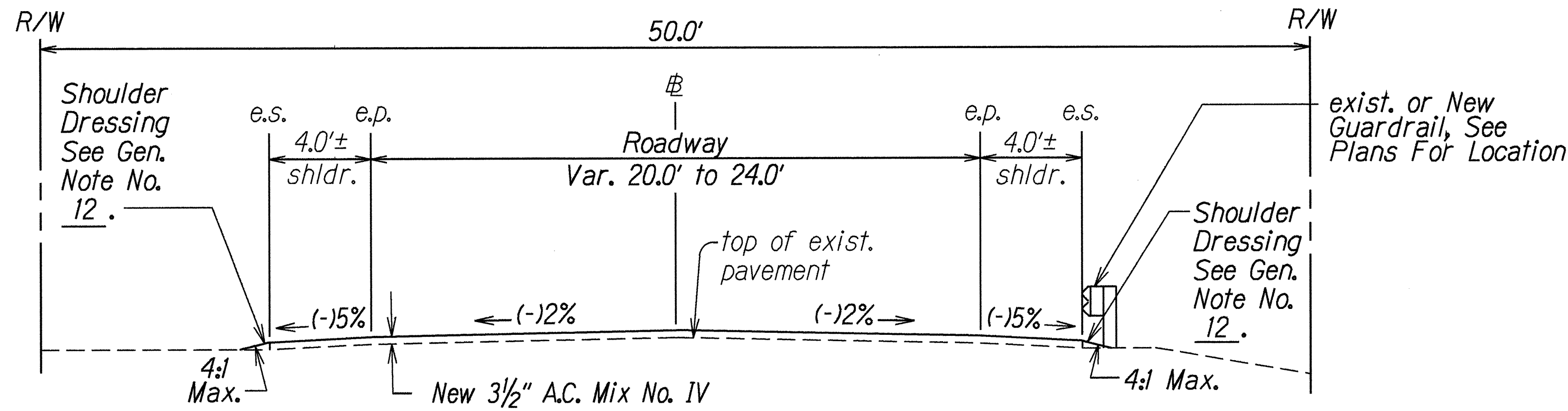
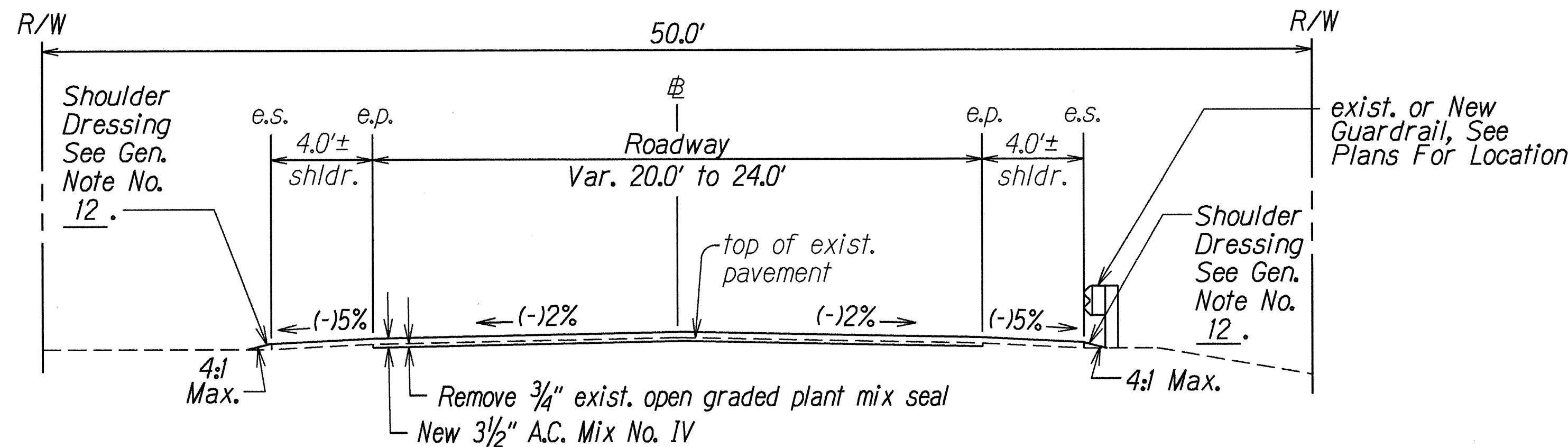


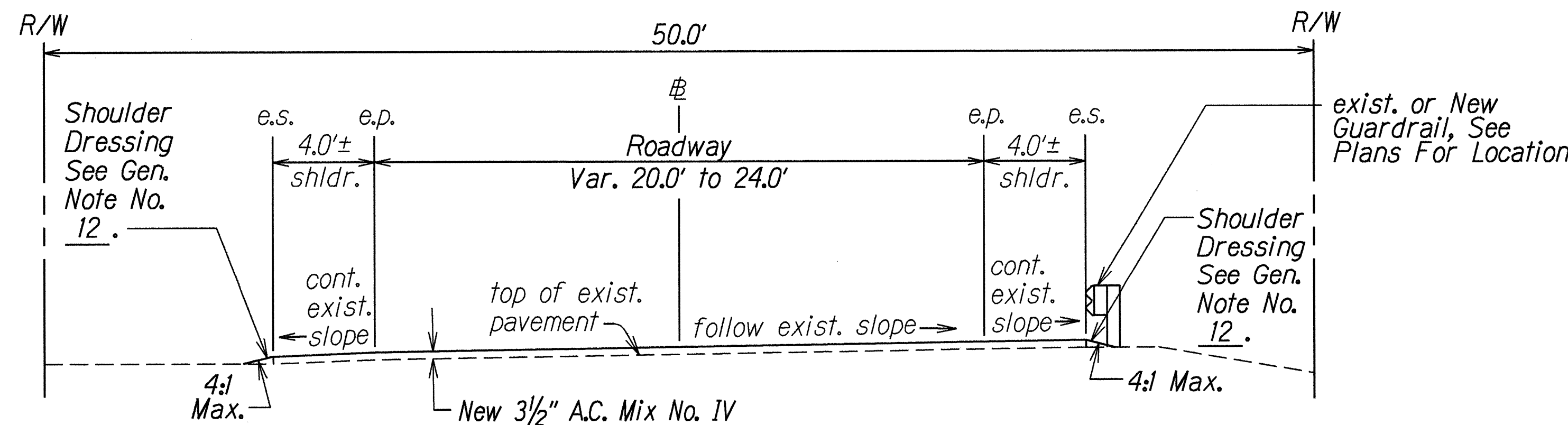
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-083-K(28)	1994	4	21



**TYPICAL SECTION**  
**Kahekili Hwy. Sta. 238+64± to Kamehameha Hwy. Sta. 454+60±**  
 Scale: 1/4"=1'-0"



**TYPICAL SECTION**  
**Sta. 454+60± to Sta. 519+25±**  
 Scale: 1/4"=1'-0"



**TYPICAL SECTION ON CURVES**  
 Scale: 1/4"=1'-0"

#### DRAINAGE NOTES

- Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. The cost for this work shall be incidental to the various Contract Items.
- The Contractor shall verify the locations of all existing culverts and utilities in the field. Any existing culverts and utilities damaged during construction shall be repaired or replaced by the Contractor at his own expense.
- The Contractor shall submit to the Engineer four (4) sets of Site-Specific Best Management Plan (BMP) for the NPDES General Permit no later than thirty (30) calendar days after the award of Contract.
- The Contractor shall submit to the Engineer four (4) sets of Site-Specific Dewatering Plans and four (4) copies of the Quality of Discharge Test results as required by the NPDES Permit. The plans and test results shall be submitted no later than ninety (90) calendar days after the award of Contract. No work will be authorized until the submittal of these plans.
- Maintenance and repair of dewatering control measures excluding the initial construction operation requirements shall be made under Item 639.0300, "Maintenance of Erosion and Sediment Control" under Force Account basis.
- Progress payment will not be authorized until receipt of the BMP's.
- Any citation (fine) received by the State for non-compliance of the NPDES Permit requirements shall be deducted from the progress payment.

SURVEY PLOTTED BY	DATE
DESIGNED BY	12/23/94
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**TYPICAL SECTIONS #**  
**DRAINAGE NOTES**  
 KAMEHAMEHA HWY. RESURFACING  
 Kahaluu Stream to Waiahole Valley Rd.  
 Fed. Aid Proj. No. STP-083-K(28)

8/26/94	Revised Station Limits as per C.O. #1.	Scale: 1/4" = 1.0'	Date: May, 1994
DATE	REVISION	SHEET No. 1	OF 1 SHEETS

C.O.4