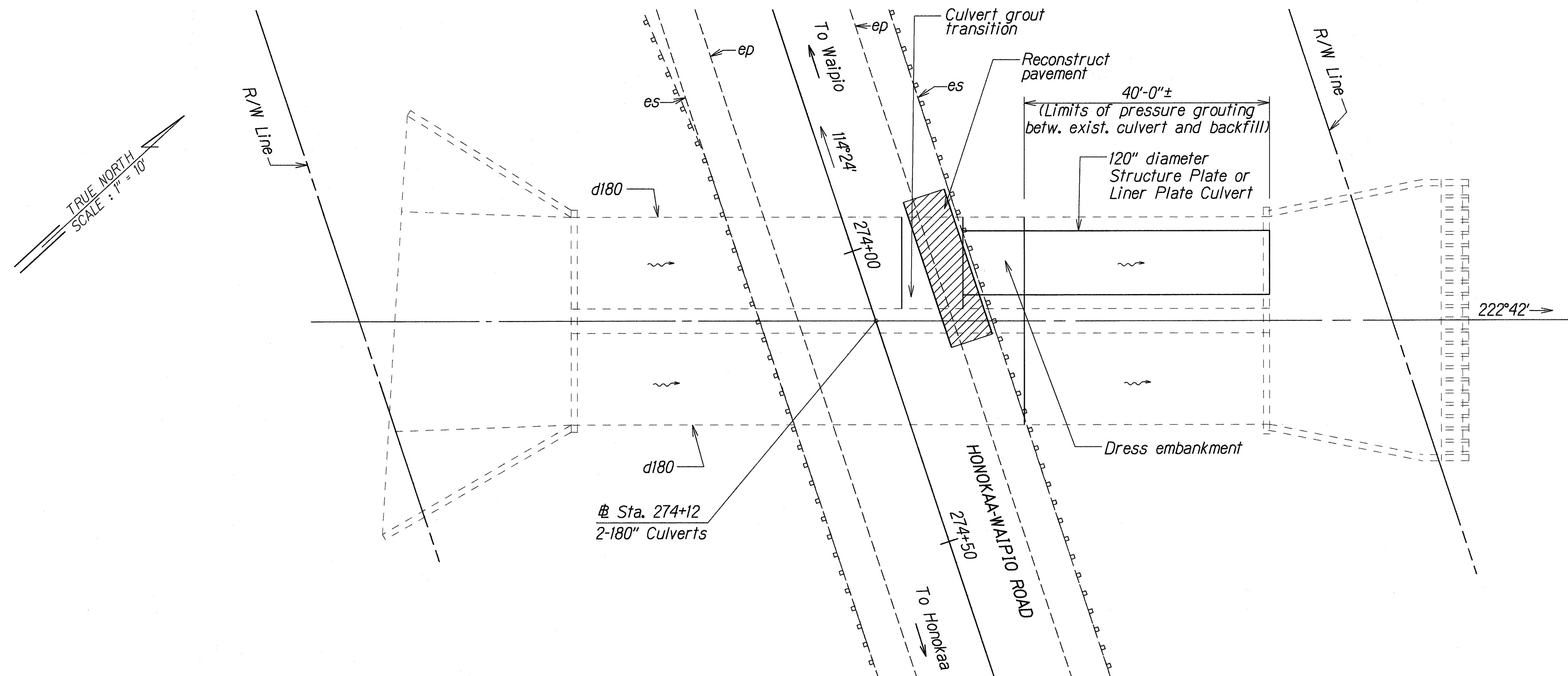


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	240A-01-00	2001	6	9



PLAN

Sta. 274+12±
Install: 120" diameter culvert
(For profile & det., see
shs. H2, H3, & H4)

<u>Estimated Quantities</u>		
Pressure Grout Exist. Voids	=	80 C.Y.
Pressure Grout New Voids	=	190 C.Y.
120" Culvert	=	50 L.F.
Concrete Lining for Culvert	=	50 L.F.

Sta. 273+95± to Sta. 274+20±
Reconstruct: Pavement Structure
(For det., see sht. H2)

<u>Estimated Quantities</u>	
A.C. Pav't Mix No. IV	= 4 TON
Aggregate Base	= 2 C.Y.
Aggregate Subbase	= 6 C.Y.
Dressing of Embankment and Shoulder	= 10 C.Y.
Excavation for Reconstruction of Weakened Pavement Areas	= 8 C.Y.
Borrow Excavation	= 5 C.Y.

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY <i>KK</i>	<i>1/31/01</i>
	TRACED BY _____	•
NOTE BOOK	DESIGNED BY <i>KK</i>	•
<i>dn3kasamola</i>	QUANTITIES BY _____	•
<i>87-2hwnrpl01-450</i>	CHECKED BY _____	•

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

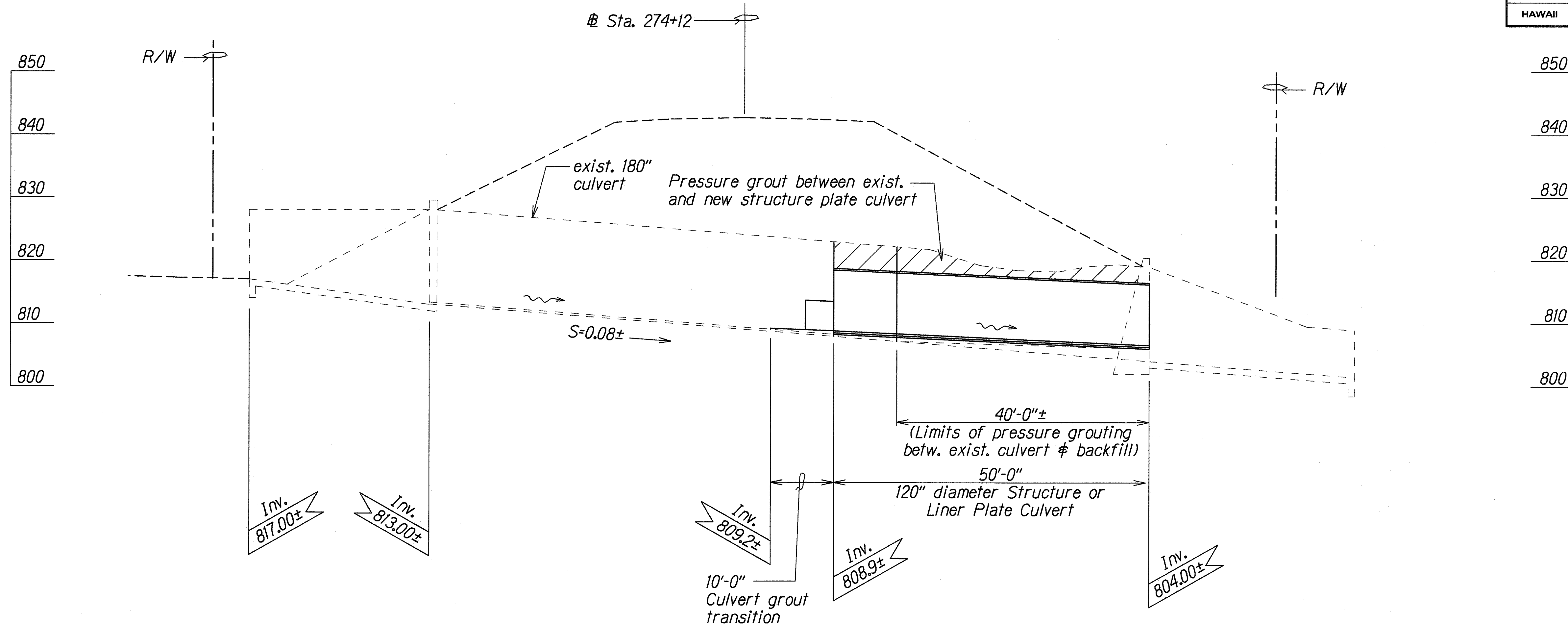
DRAINAGE PLAN

HONOKAA-WAIPIO ROAD
DRAINAGE IMPROVEMENTS
AT KAPULENA STREAM CULVERT
Project No. 240A-01-00

Scale: 1" = 10'-0" Date: Jan, 2001

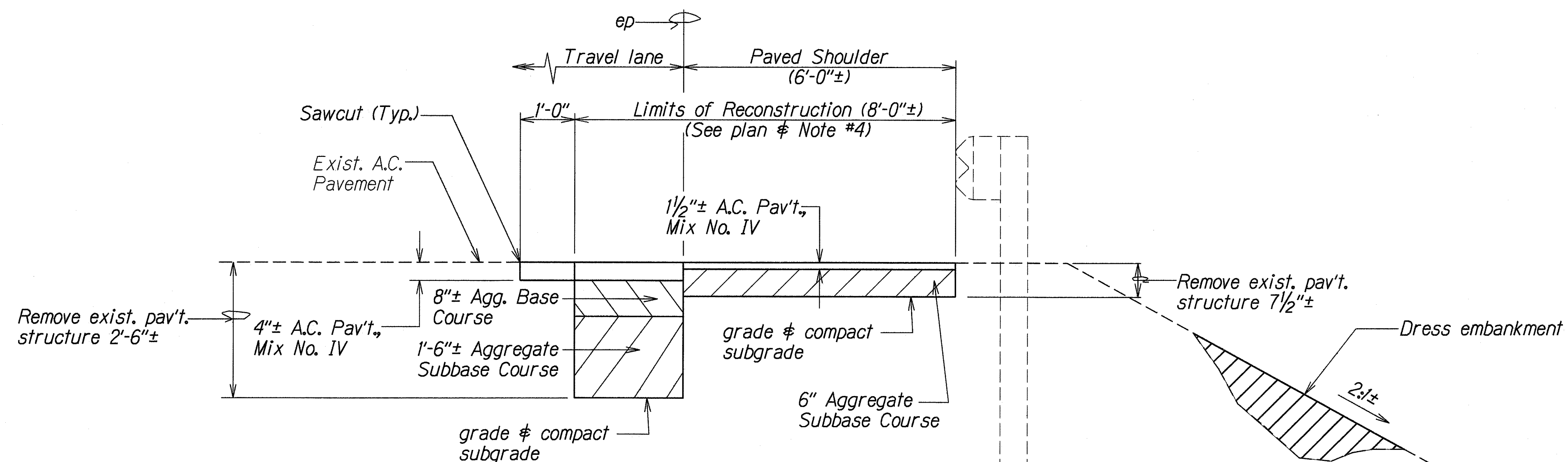
SHEET No. *H1* OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	240A-01-00	2001	7	9



PROFILE-EXISTING 180" CULVERT AT STA. 274+12

Scale: 1"=10'-0"



TYPICAL DETAIL OF PAVEMENT RECONSTRUCTION

Scale: 3/4"=1'-0"

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	1/3/01
DRAWN BY	
TRACED BY	
NOTES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PROFILE

HONOKAA-WAIPIO ROAD
DRAINAGE IMPROVEMENTS
AT KAPULENA STREAM CULVERT
Project No. 240A-01-00

Scale: As shown Date: Jan, 2001

SHEET No. H2 OF 4 SHEETS