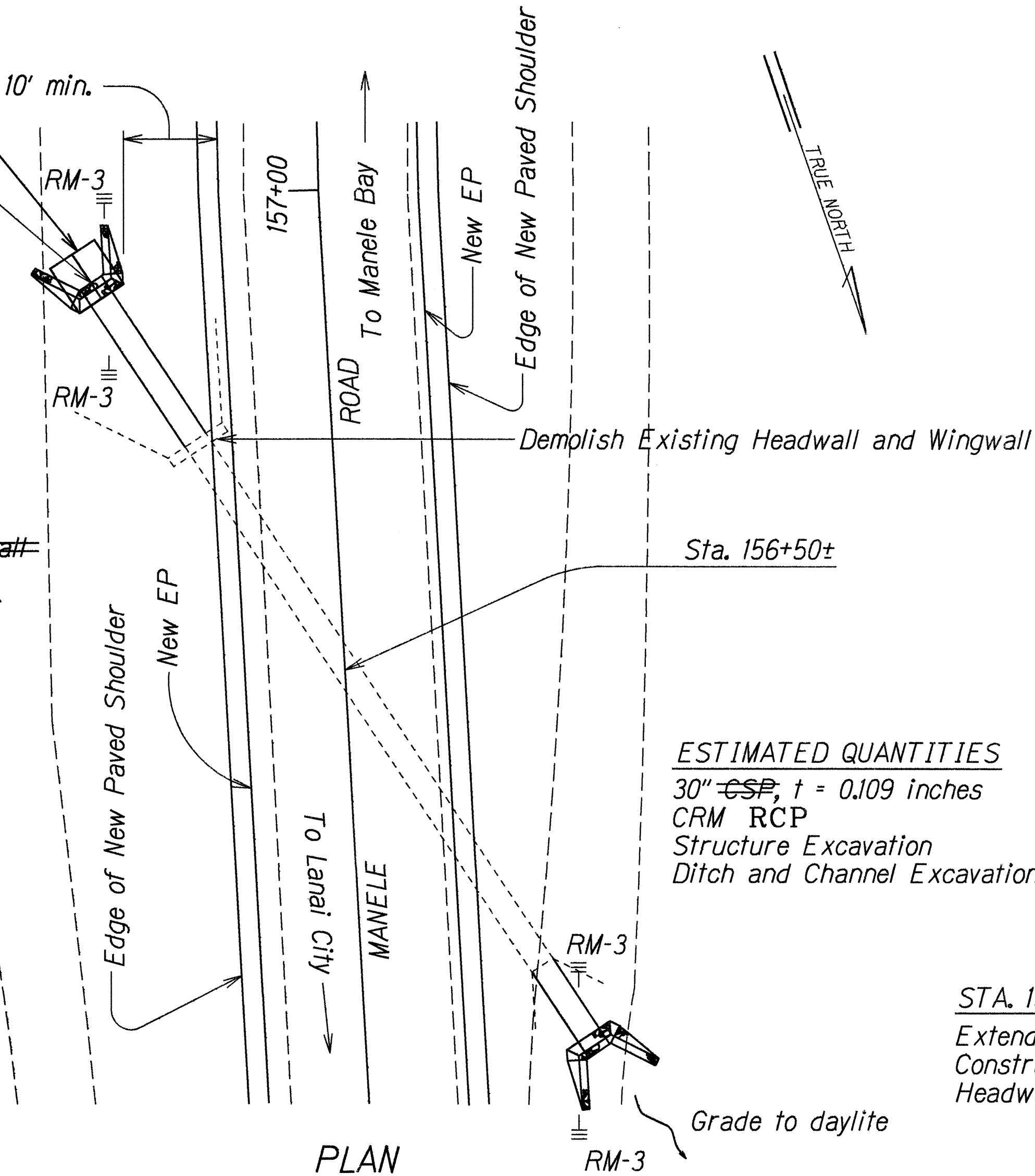


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0440(5)	1994	13	23

Delete Headwall and Install New GDI, Modified 61614

STA. 156+85± LT.
Extend 30" CSP RCP
Standard CRM Structure
(See Std. Plan H-16)
Inv 1135.4±

STA. 156+85± LT.
~~Construct Standard CRM Headwall and Wingwall~~
Install: 30" CSP, t = 0.109 inches RCP

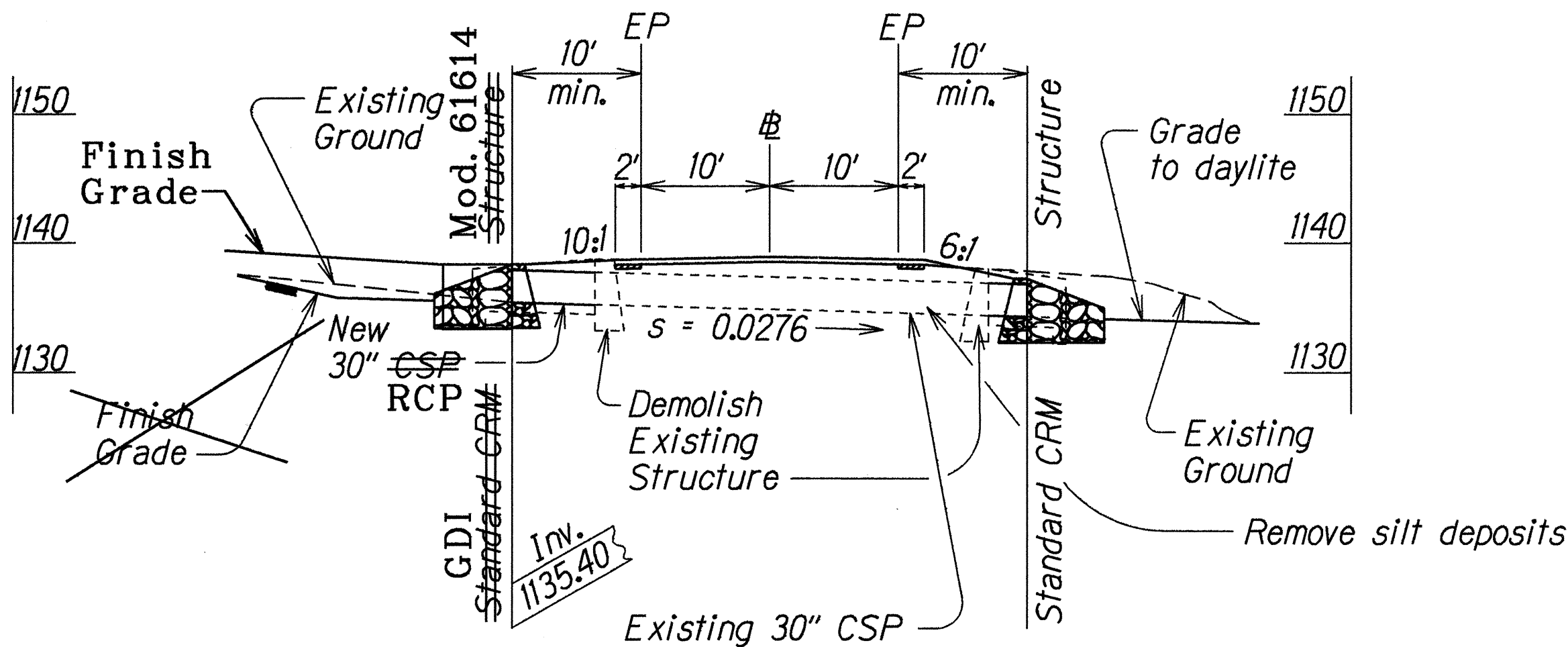


ESTIMATED QUANTITIES

30" CSP, t = 0.109 inches	28 LF
CRM RCP	10 CY
Structure Excavation	12 CY
Ditch and Channel Excavation	30 CY

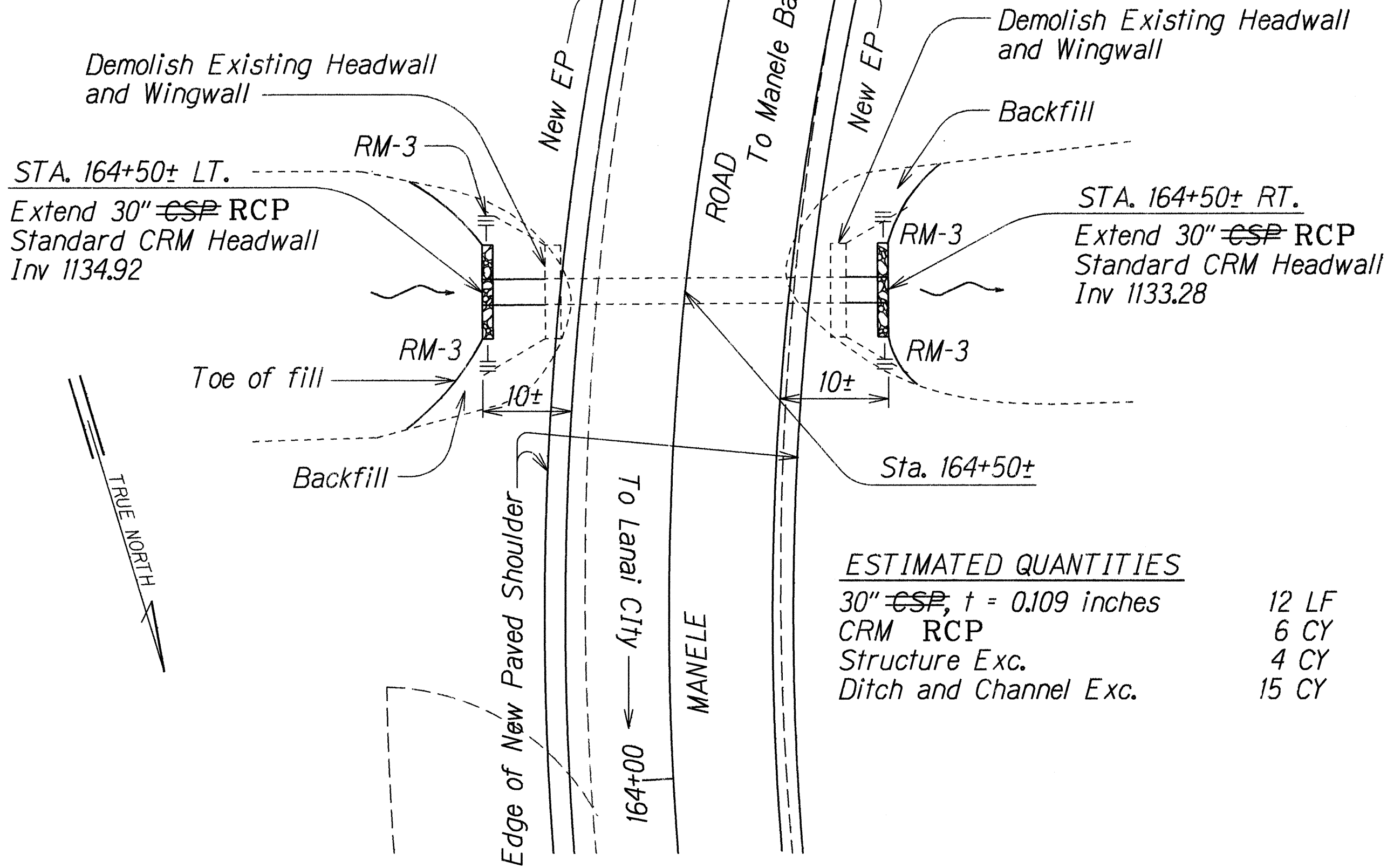
STA. 156+10± RT.
Extend 30" CSP, t = 0.109 inches
Construct Standard CRM Headwall and Wingwall

PLAN
Scale: 1" = 10'-0"



PROFILE - 30" CSP AT STA. 156+50
Scale: 1" = 10'-0"

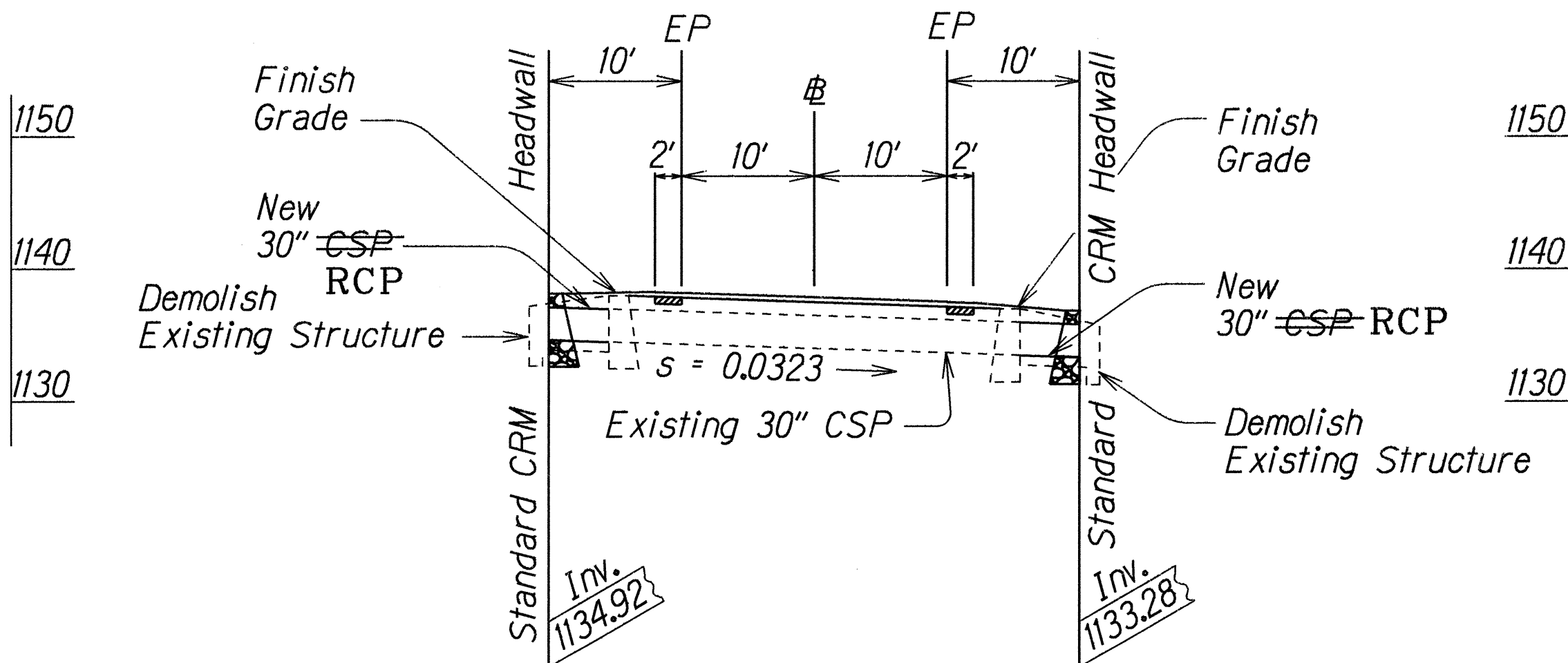
STA. 164+50± LT. & RT.
Construct: Standard CRM Headwall
Install: 30" CSP, t = 0.109 inches



ESTIMATED QUANTITIES

30" CSP, t = 0.109 inches	12 LF
CRM RCP	6 CY
Structure Exc.	4 CY
Ditch and Channel Exc.	15 CY

PLAN
Scale: 1" = 10'-0"



PROFILE - 30" CSP AT STA. 164+50
Scale: 1" = 10'-0"

LEGEND FOR AS-BUILT POSTINGS

	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

6/2/94 Install culvert @ outlet Sta. 156+50 per Addendum No. 1

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PLAN

MANELE ROAD RESURFACING
Vicinity of Lanai City towards Manele Bay
Project No. STP-0440(5)

Scale: 1" = 10' Date: April, 1994

SHEET No. 1 OF 1 SHEETS

"AS-BUILT"

ADD. 13

DATE	6/13/94
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	