

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-0190(3)	1990	5	24

Note:

1. Remove all existing RM-1 & RM-3 & Install New as per Schedule. See Sheet No. 10

Sta. 46+63.40 to Sta. 47+62.60 Lt.
Construct Reinforced Concrete Wall
Refer to Sheet No. 6 & 7 for details.

Sta. 47+62 to Sta. 49+12 Lt.
Install 125 L.F. Metal Guardrail
with Steel Posts. W/Beam Terminal
Connector and Type BCT End Treatments.

Sta. 43+50 to Sta. 49+50 Lt.
Reconstruct Left Lane.

Sta. 47+60 to Sta. 48+90 Lt.
Construct CRM Wall. Refer to
Sheet No. 9 for details.

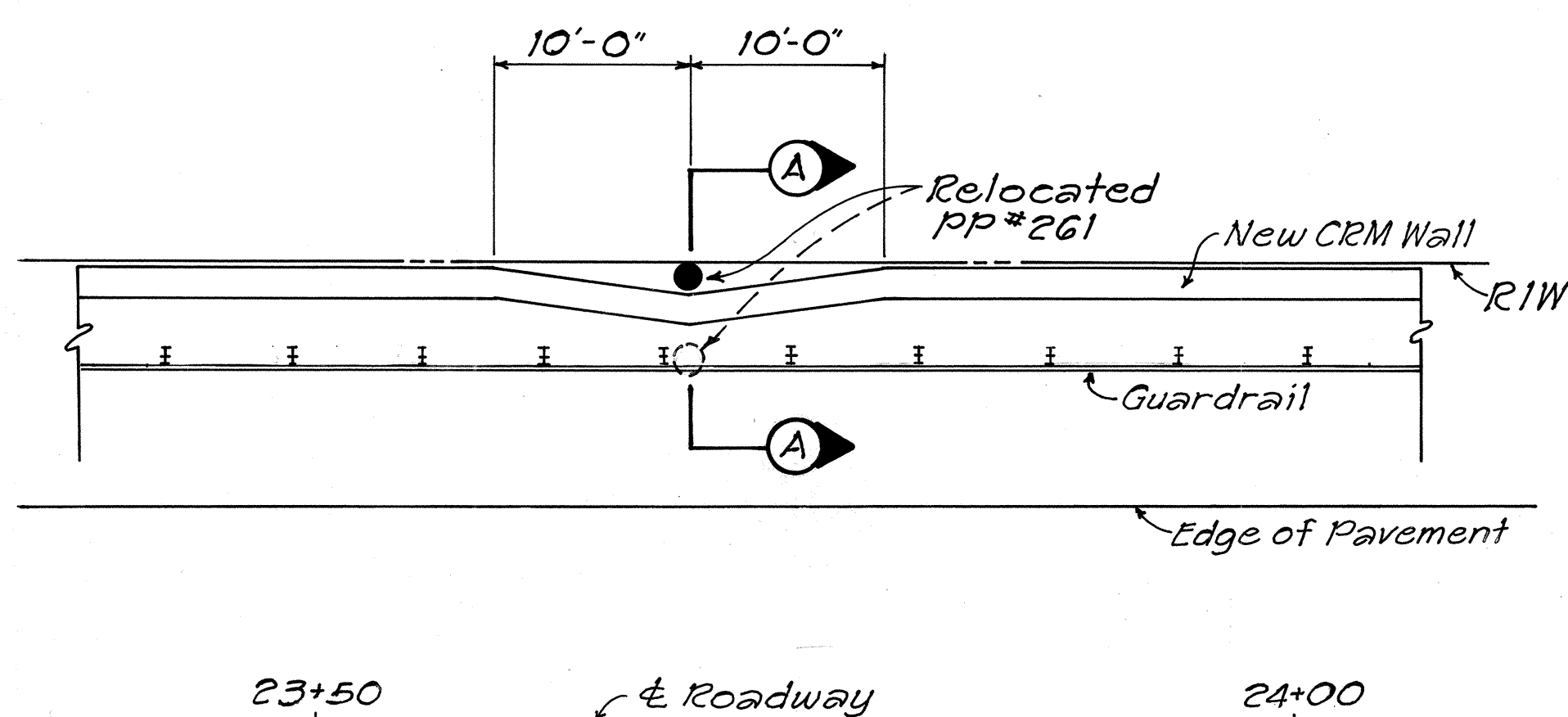
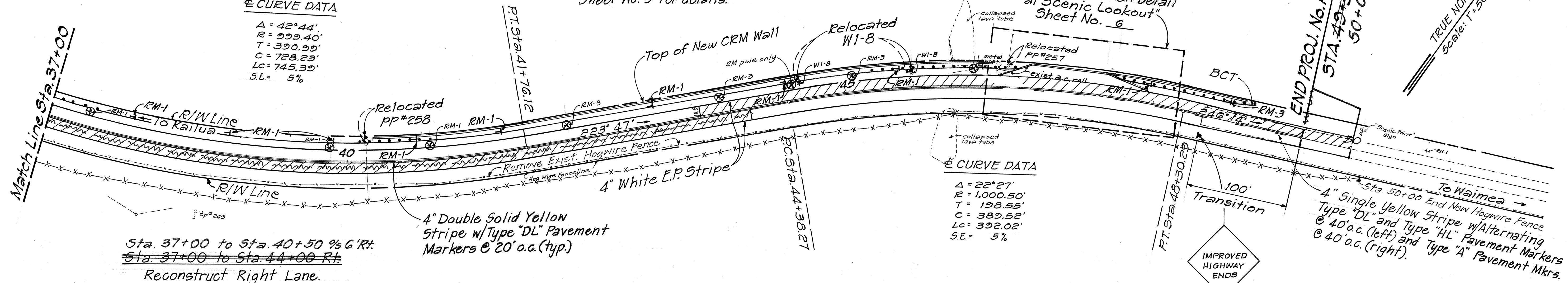
Sta. 40+25 to Sta. 46+40 Lt.
Construct CRM Wall. Refer to
Sheet No. 9 for details.

± CURVE DATA

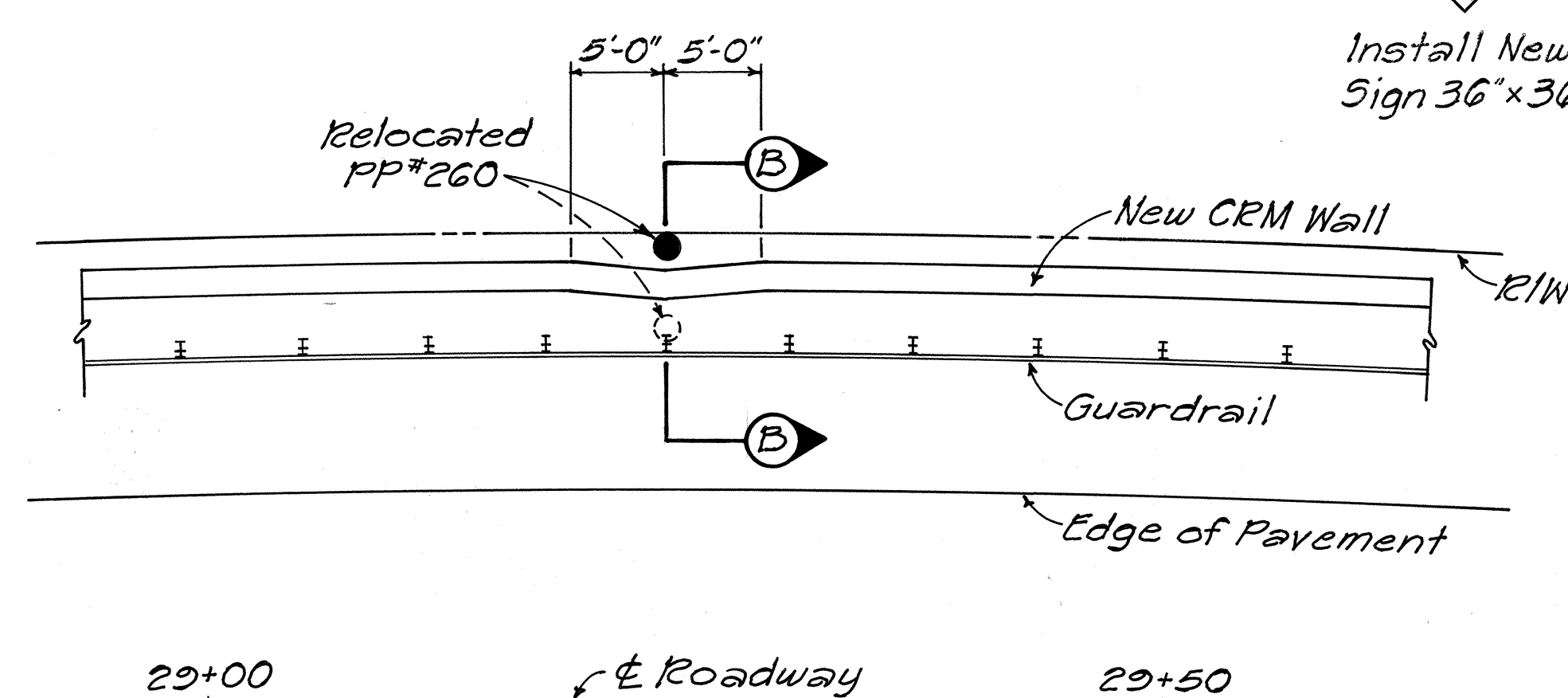
$\Delta = 42^\circ 44'$
 $R = 999.40'$
 $T = 390.99'$
 $C = 728.23'$
 $Lc = 745.39'$
 $SE = 5\%$

± CURVE DATA

$\Delta = 22^\circ 27'$
 $R = 1,000.50'$
 $T = 198.55'$
 $C = 389.52'$
 $Lc = 392.02'$
 $SE = 5\%$

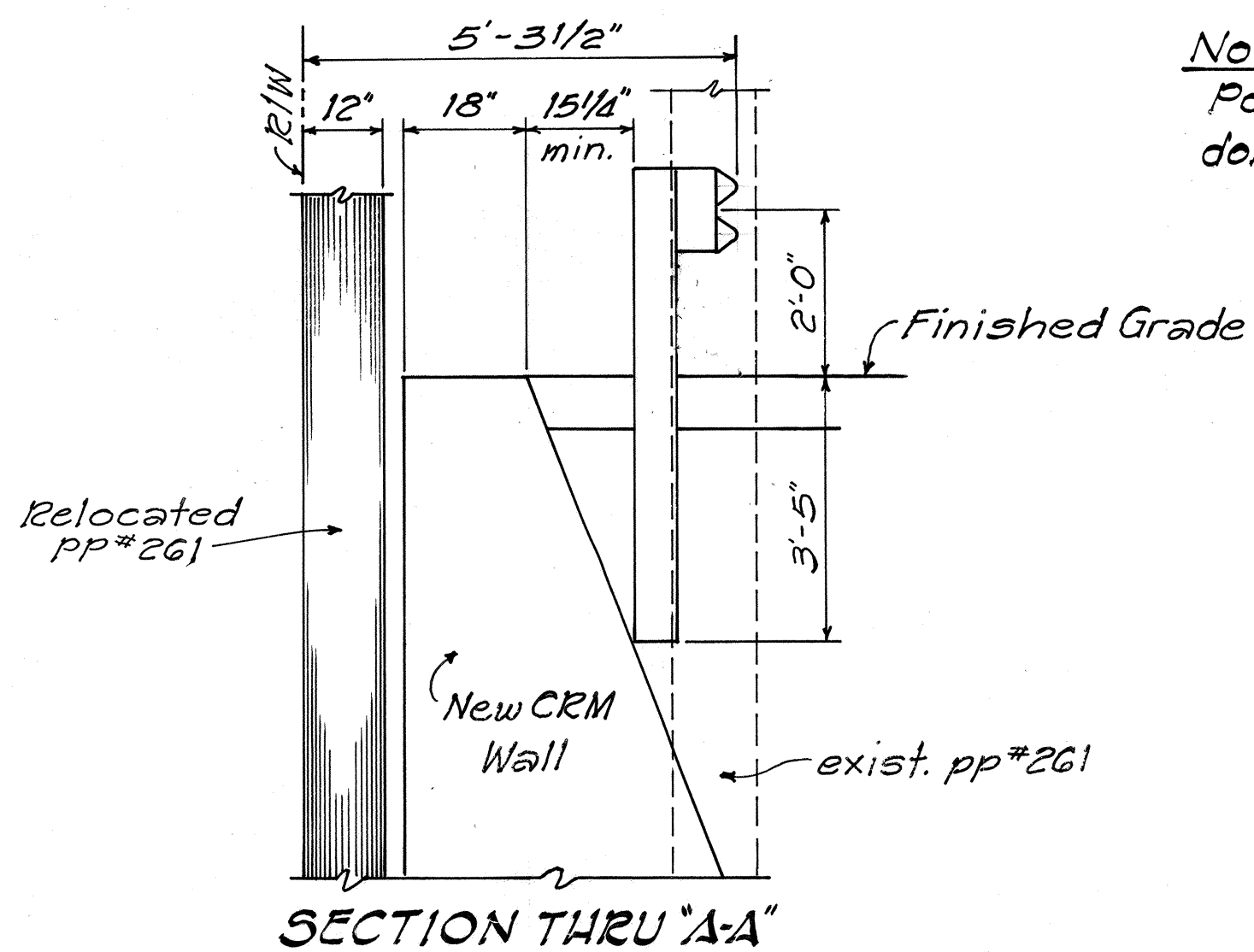


PLAN



Note:

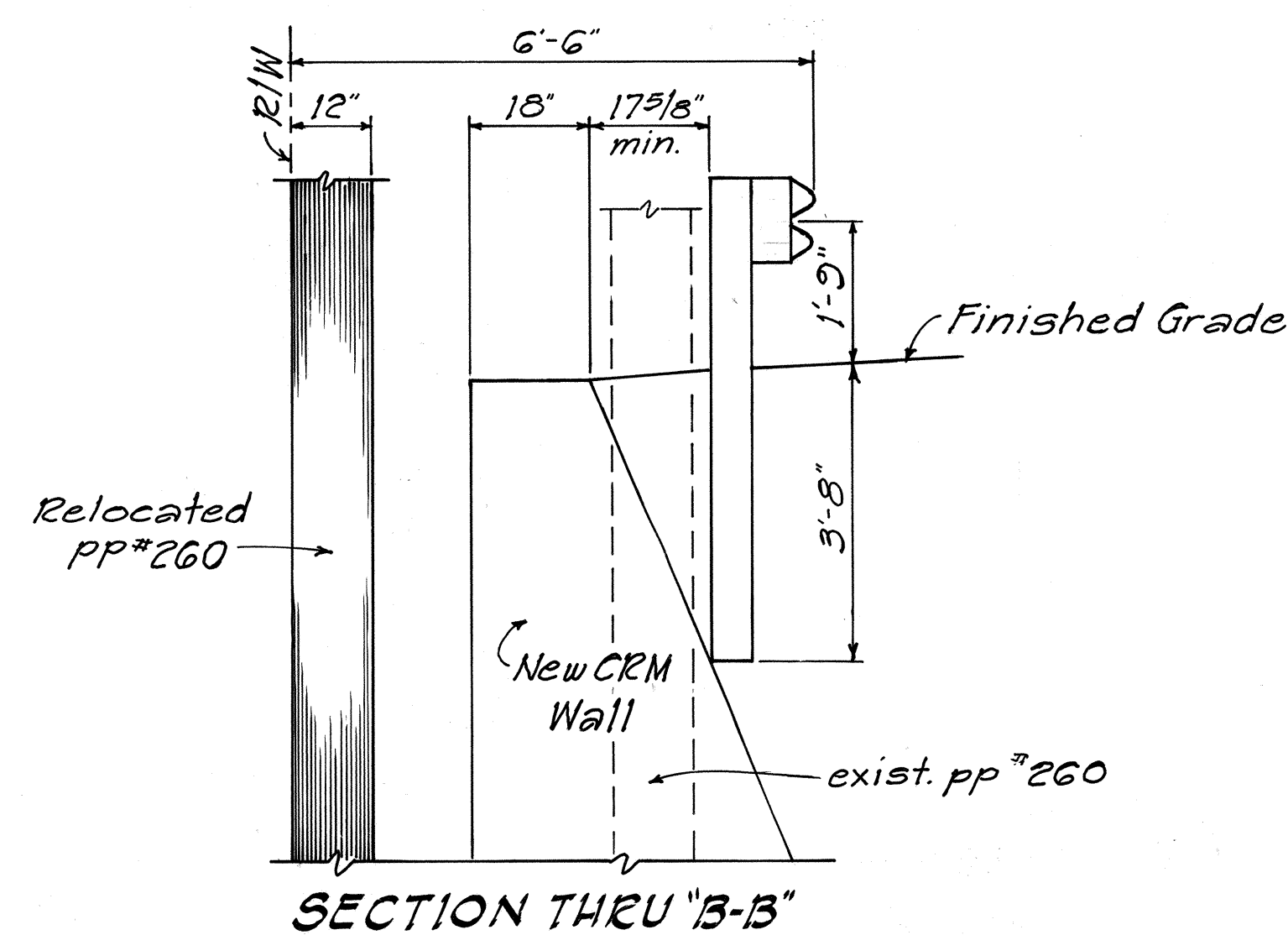
Refer to Standard Plans
TE-50, TE-51, TE-58, TE-59,
TE-60, TE-61 & TE-62 for
applicable guardrail details.



RELOCATION OF POWER POLE #261 @ STA. 23+69
Not To Scale

Note:

Power Pole relocation will be
done by others.



RELOCATION OF POWER POLE #260 @ STA. 29+24
Not To Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**ROADWAY PLAN &
PWR. POLE RELOCATION DETAIL**

RTE. 190, HAWAII BELT ROAD, GRDRL. AND
SHLDR. IMPVTS. AT KAUPULEHU
FED. AID PROJ. No. HES-0190(3)
Scale: As Noted Date: May, 1990
SHEET No. 2 OF 2 SHEETS