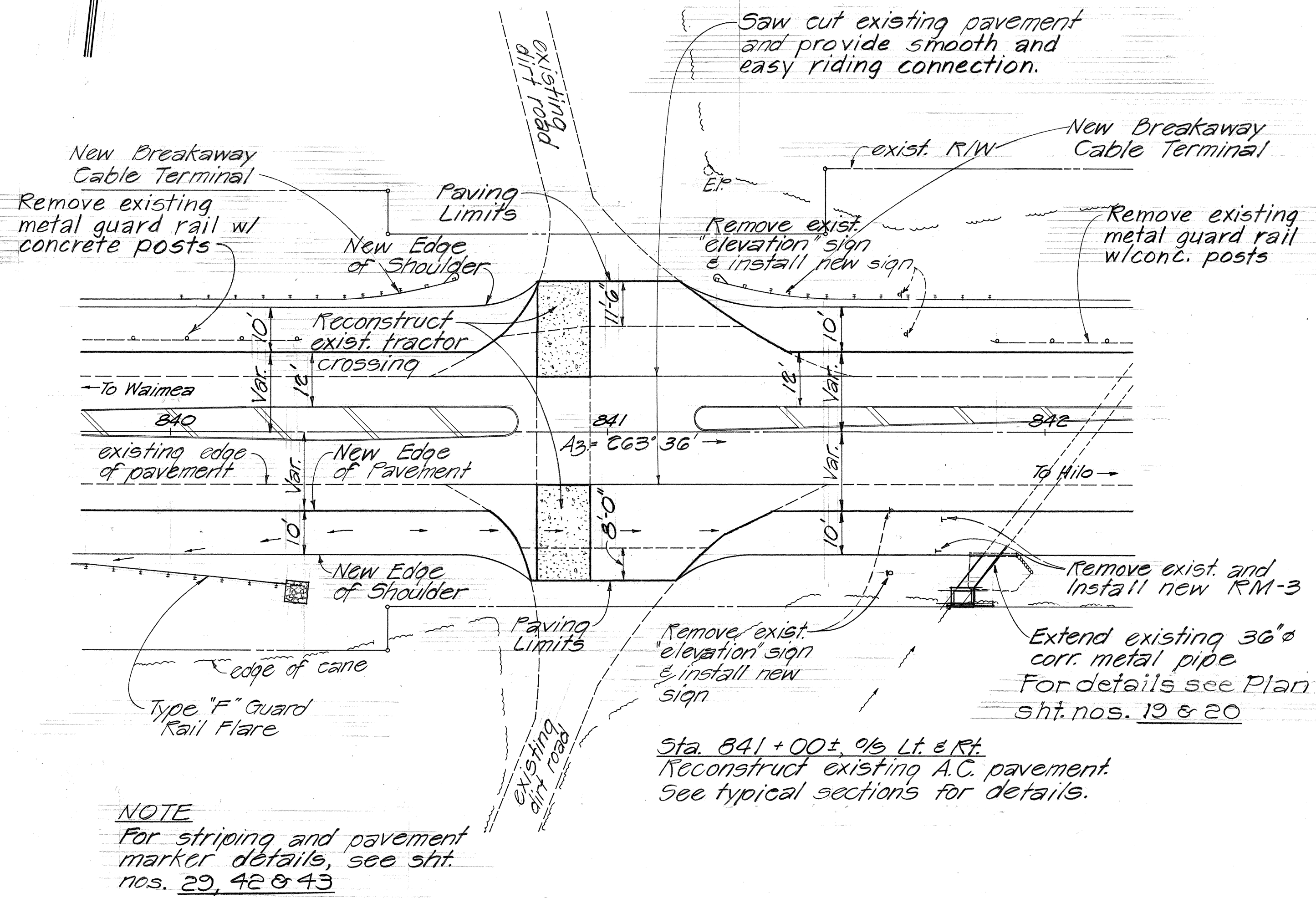


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-019-1(15)	1985	5	43

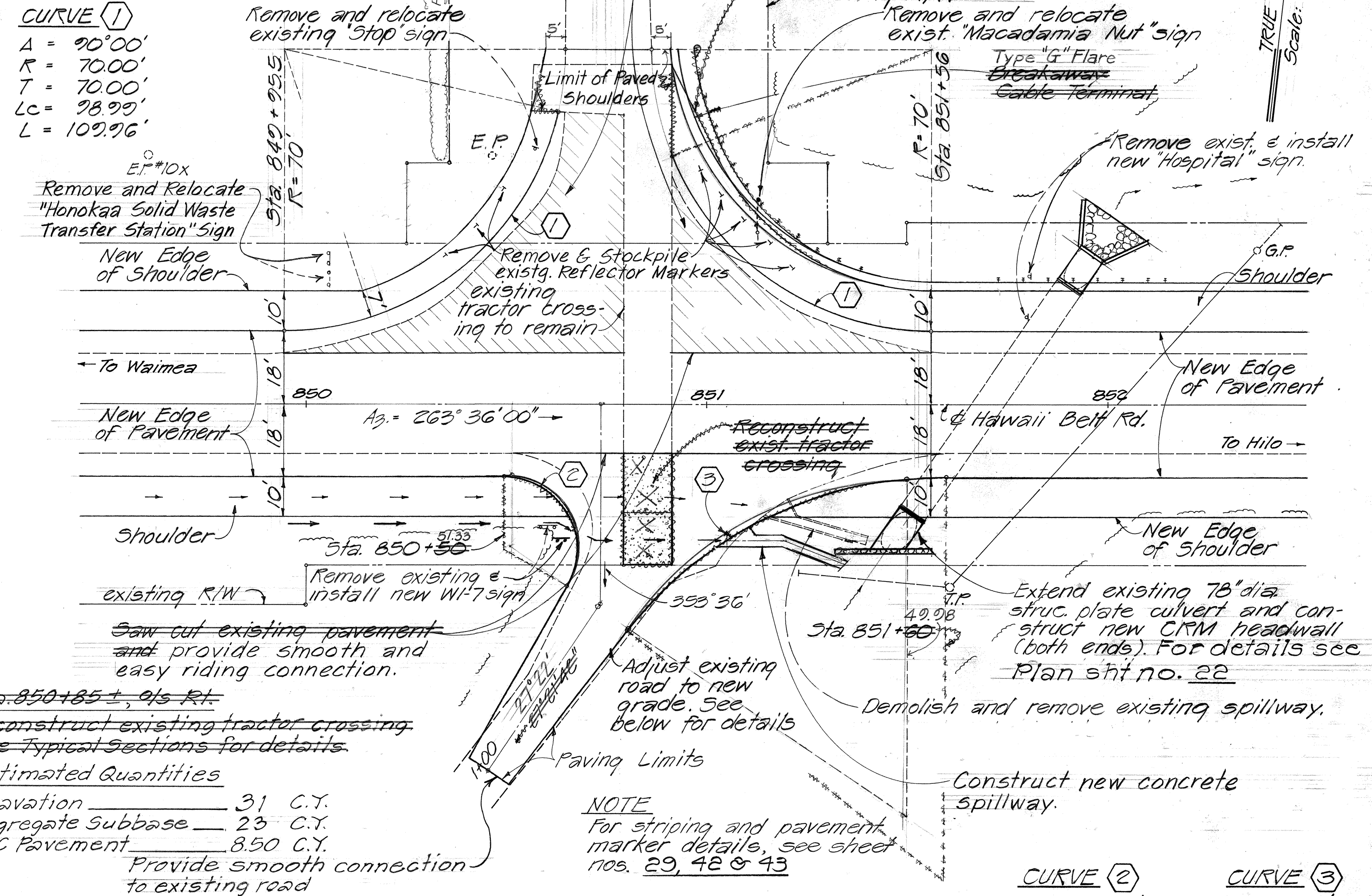
Sta. 840+45 ±, 1/2 Lt. & Rt.
Reconstruct existing tractor crossing. See Typical Sections for details.
Estimated Quantities
Excavation 47 C.Y.
Aggregate Subbase 36 C.Y.
PCC Pavement 13 C.Y.



INTERSECTION DETAIL @ STA. 841+00±
Scale: 1"=20'

Sta. 849+95 ± to Sta. 851+56 ± Lt. & Rt.
Sta. 850+50 ± to Sta. 851+60 ± Rt.
Reconstruct existing A.C. Pavement and Sideroad Connection. See Typical Sections for details.

CURVE ①
A = 90°00'
R = 7000'
T = 70.00'
Lc = 98.99'
L = 109.96'



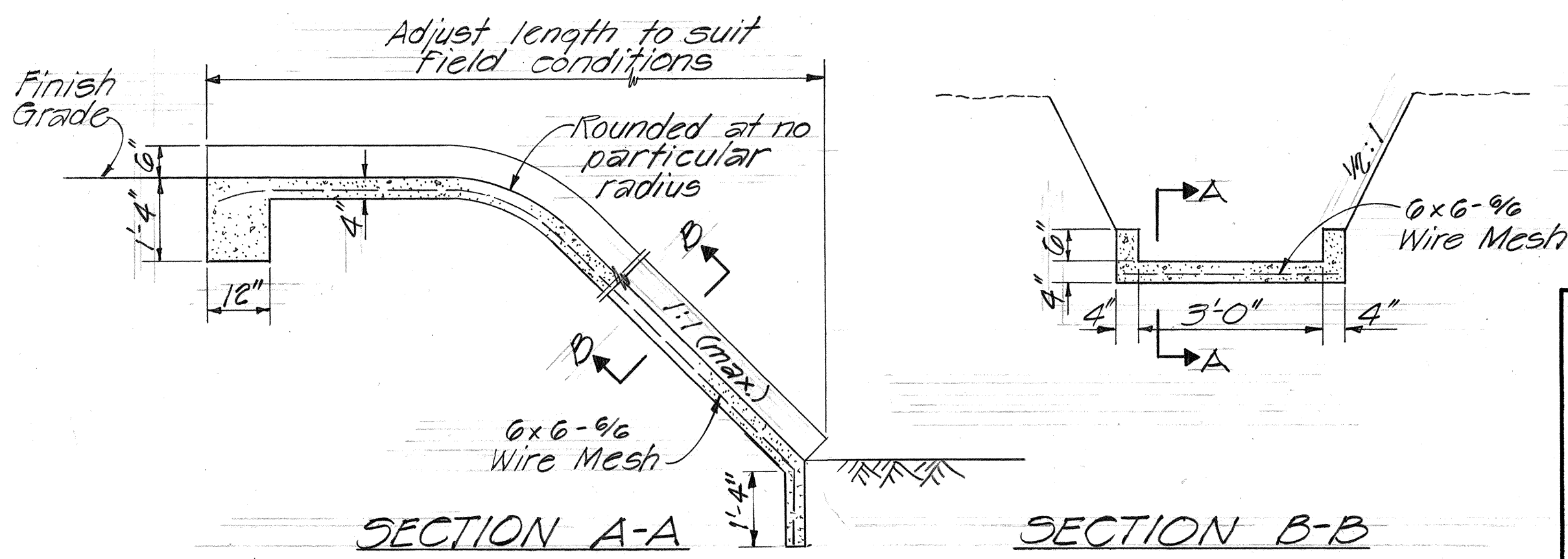
INTERSECTION DETAIL @ STA. 850+85±
Scale: 1"=20'

CURVE ②
A = 149°30'
R = 18.00'
T = 30.86'
Lc = 31.10'
L = 37.54'

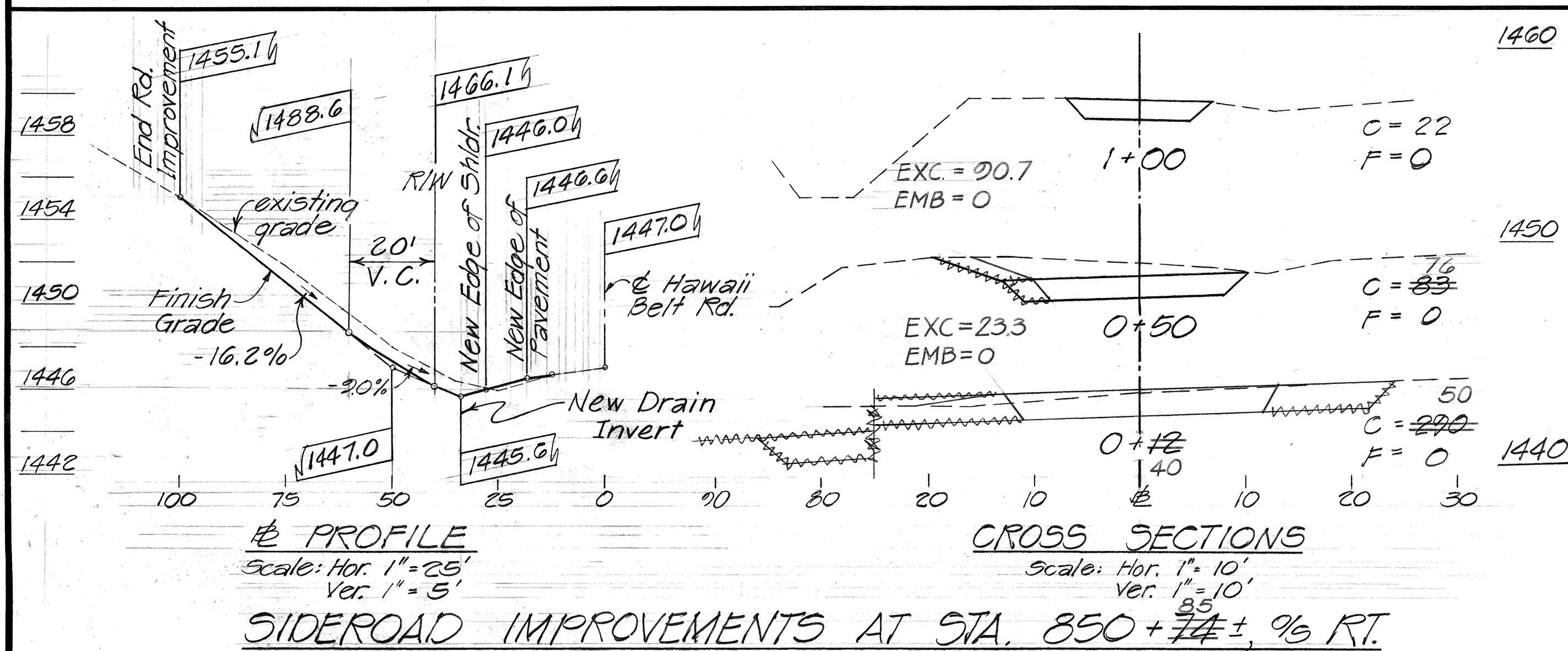
CURVE ③
A = 58°31'37"
R = 100.00'
T = 44.34'
Lc = 88.56'
L = 91.68'

Δ = 123°46'
R = 17.36'
T = 32.49'
Lc = 30.62'
L = 37.50'

Δ = 56°14'
R = 83.30'
T = 44.51'
Lc = 78.51'
L = 81.76'



CONCRETE SPILLWAY DETAIL
Not to Scale



SIDEROAD IMPROVEMENTS AT STA. 850+74±, 1/2 Rt.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSECTION DETAILS

HAWAII BELT ROAD
INTERSECTION IMPROVEMENTS
AT PLUMERIA ROAD
FED. AID PROJECT NO. F-019-1(15)
HAMAKUA, HAWAII

Scale: As Noted Date: Feb., 1985
SHEET NO. 1 OF 1 SHEETS