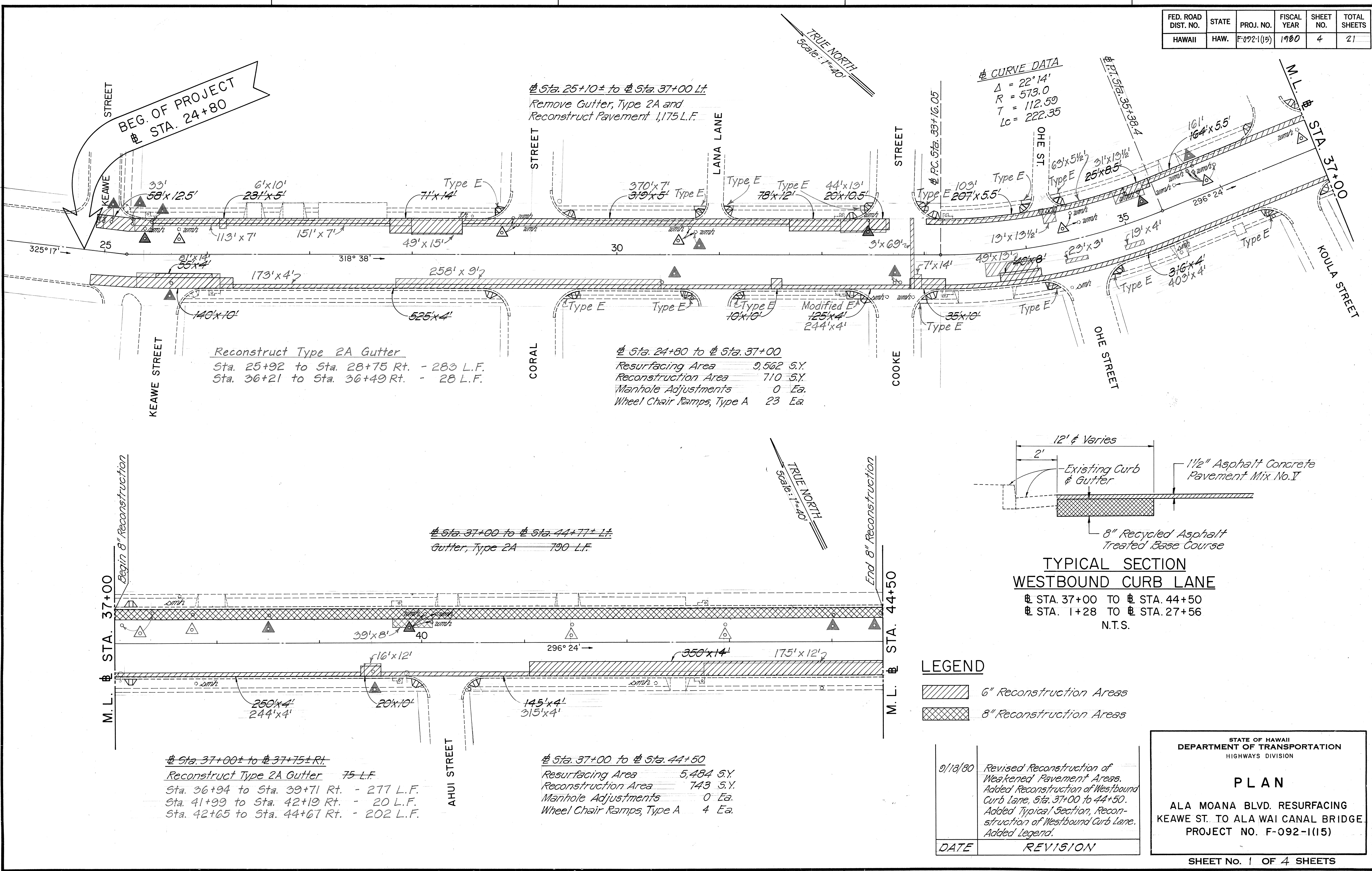


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-092-1(15)	1980	4	21



SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

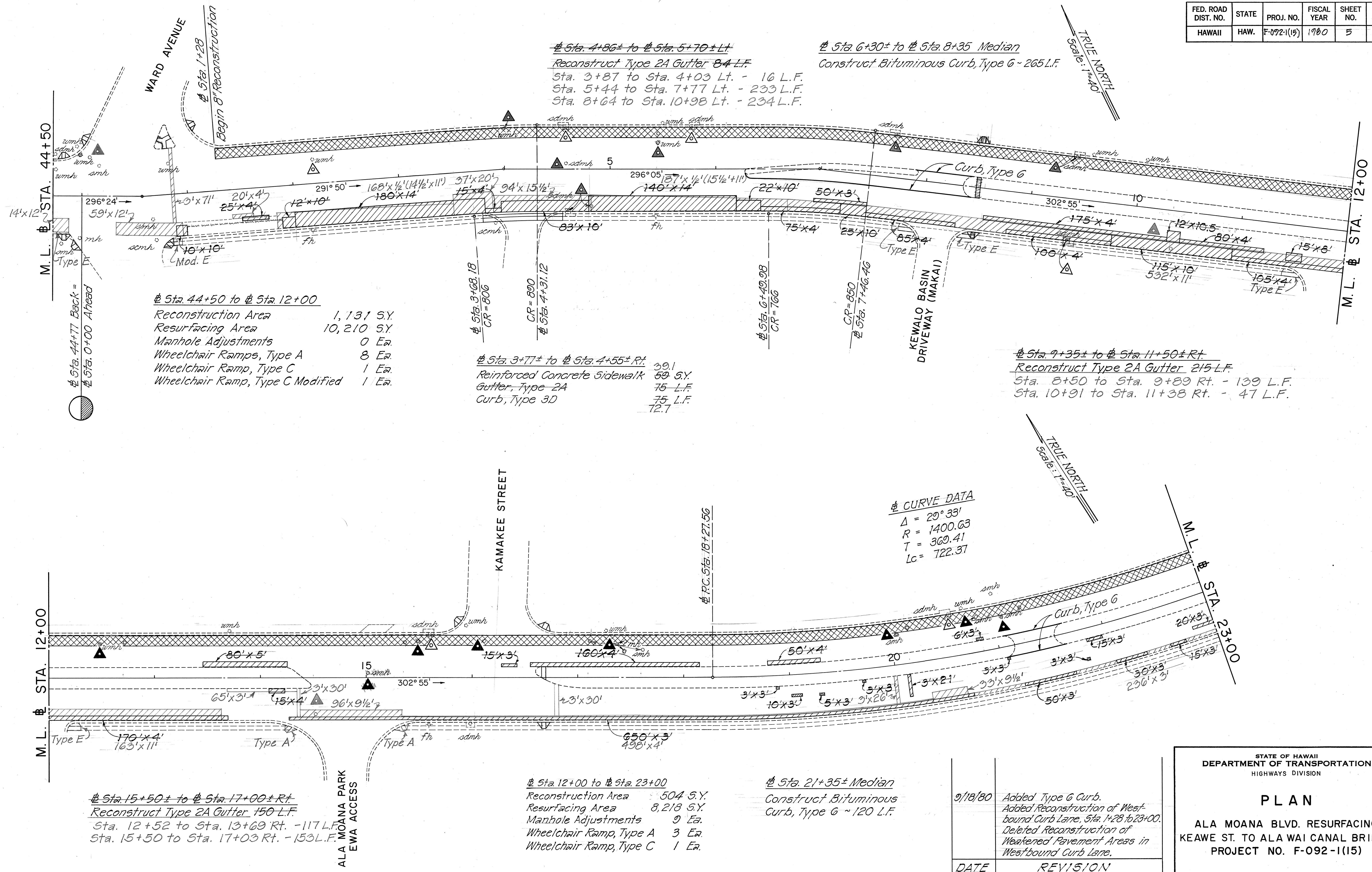
LEGEND	
	6" Reconstruction Areas
	8" Reconstruction Areas

DATE	REVISION
9/18/80	Revised Reconstruction of Weakened Pavement Areas. Added Reconstruction of Westbound Curb Lane, Sta. 37+00 to 44+50. Added Typical Section, Reconstruction of Westbound Curb Lane. Added Legend.

STATE OF HAWAII
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PLAN
ALA MOANA BLVD. RESURFACING
KEAWE ST. TO ALA WAI CANAL BRIDGE.
PROJECT NO. F-092-1(15)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-092-1(15)	1980	5	21



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

DATE	REVISION
9/18/80	Added Type 6 Curb. Added Reconstruction of Westbound Curb Lane, Sta. 1+28 to 23+00. Deleted Reconstruction of Weakened Pavement Areas in Westbound Curb Lane.

STATE OF HAWAII
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HIGHWAYS DIVISION

PLAN

ALA MOANA BLVD. RESURFACING
KEAWE ST. TO ALA WAI CANAL BRIDGE
PROJECT NO. F-092-1(15)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-092-1(15)	1980	6	21

$\Delta = 29^\circ 33'$
 $R = 1400.63$
 $T = 369.41$
 $Lc = 722.37$

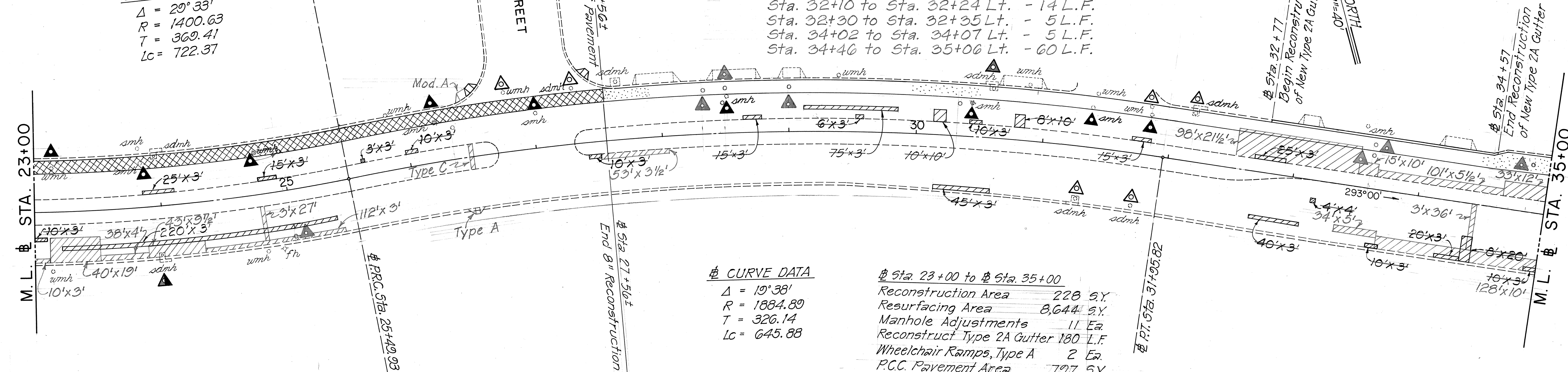
Reconstruct Type 2A Gutter

Sta. 27+96 to Sta. 28+25 Lt. - 15 L.F.
 Sta. 28+85 to Sta. 28+97 Lt. - 12 L.F.
 Sta. 30+12 to Sta. 30+55 Lt. - 39 L.F.
 Sta. 30+66 to Sta. 31+03 Lt. - 37 L.F.
 Sta. 32+10 to Sta. 32+24 Lt. - 14 L.F.
 Sta. 32+30 to Sta. 32+35 Lt. - 5 L.F.
 Sta. 34+02 to Sta. 34+07 Lt. - 5 L.F.
 Sta. 34+46 to Sta. 35+06 Lt. - 60 L.F.

$\Delta = 19^\circ 38'$
 $R = 1884.89$
 $T = 326.14$
 $Lc = 645.88$

Sta. 23+00 to Sta. 35+00

Reconstruction Area 228 S.Y.
 Resurfacing Area 8,644 S.Y.
 Manhole Adjustments 11 Ea.
 Reconstruct Type 2A Gutter 180 L.F.
 Wheelchair Ramps, Type A 2 Ea.
 P.C.C. Pavement Area 797 S.Y.

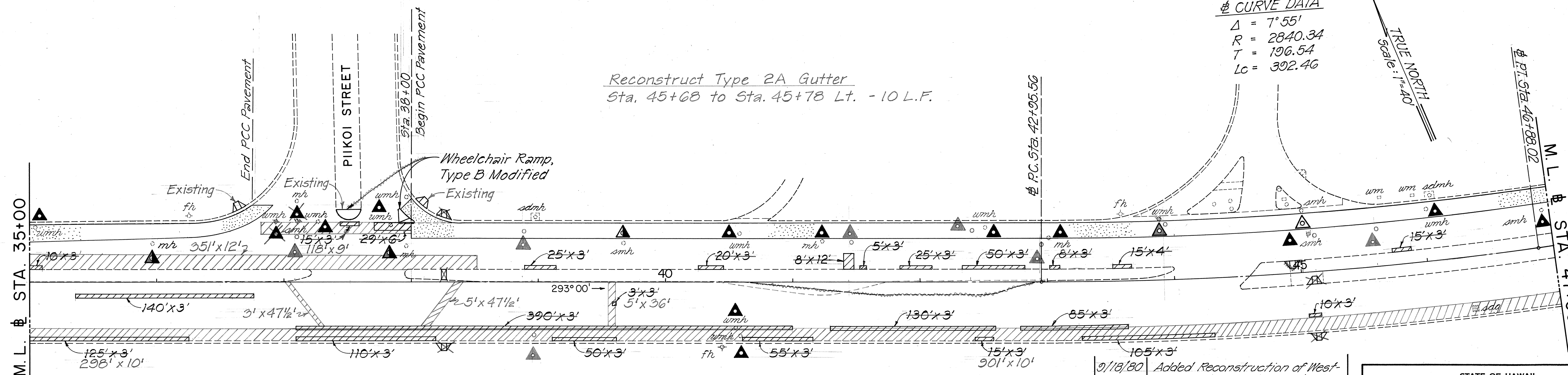


Reconstruct Type 2A Gutter
 Sta. 29+51 to Sta. 29+76 Rt. - 25 L.F.

$\Delta = 7^\circ 55'$
 $R = 2840.34$
 $T = 196.54$
 $Lc = 392.46$

Reconstruct Type 2A Gutter

Sta. 45+68 to Sta. 45+78 Lt. - 10 L.F.



Sta. 35+00 to Sta. 47+00

P.C.C. Pavement Area 1,465 S.Y.
 Reconstruction Area 501 S.Y.
 Resurfacing Area 9,507 S.Y.
 Manhole Adjustment 19 Ea.
 Wheelchair Ramps, Type A 7 Ea.
 Wheelchair Ramp, Type C 1 Ea.
 Wheelchair Ramp, Type B Modified 2 Ea.

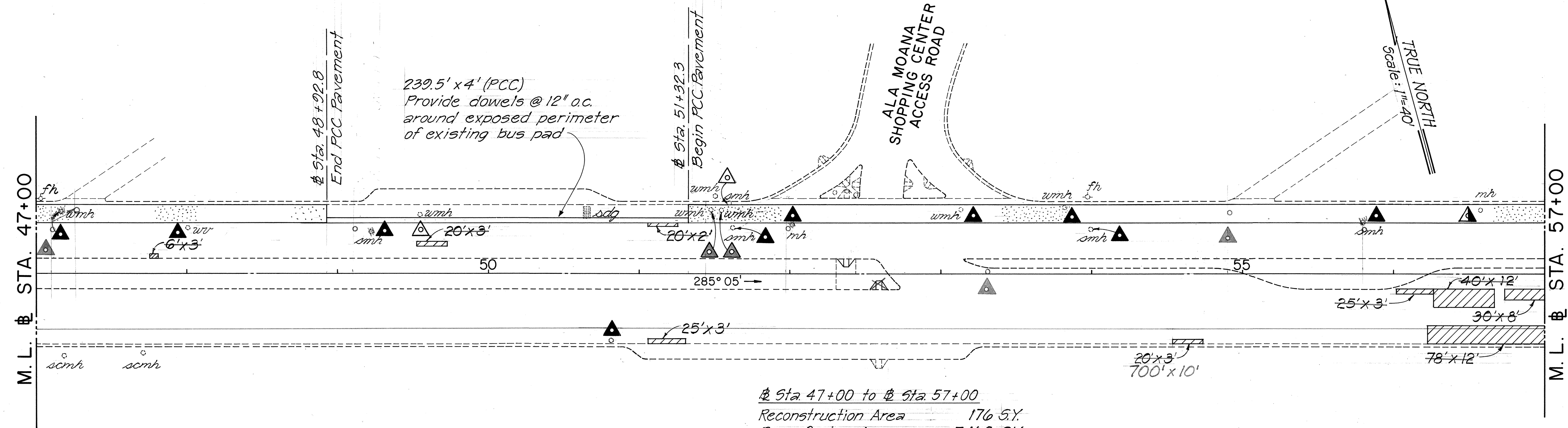
9/18/80	Added Reconstruction of Westbound Curb Lane, Sta. 29+00 to 27+56. Deleted Reconstruction of Weakened Pavement Areas in Westbound Curb Lane.
6/13/80 Addendum	Added P.C.C. Pavement Queen St. to Piikoi St. Revised quantities for Reconstruction Area, Resurfacing Area, and P.C.C. Pavement Area.
DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

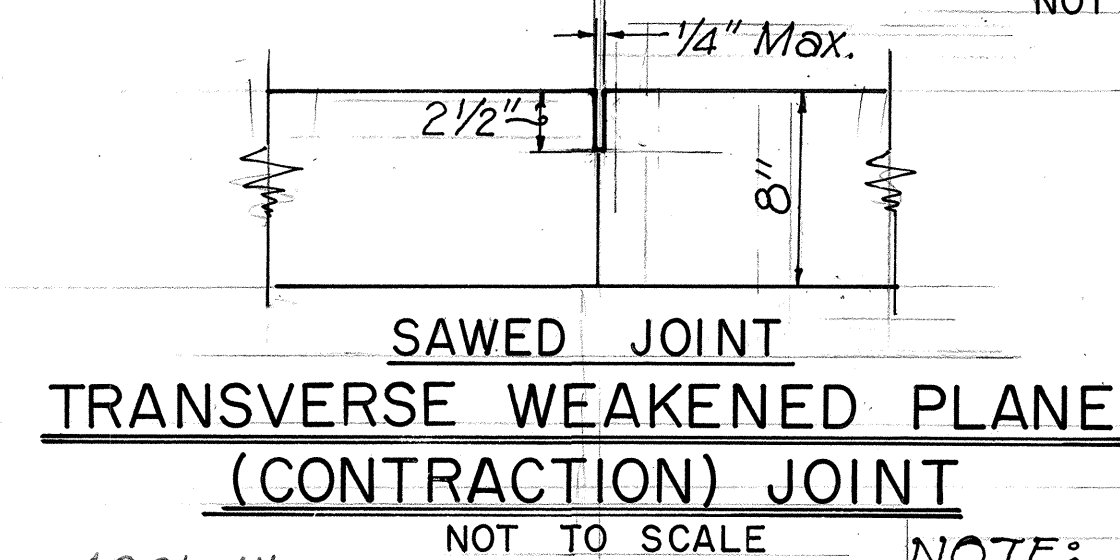
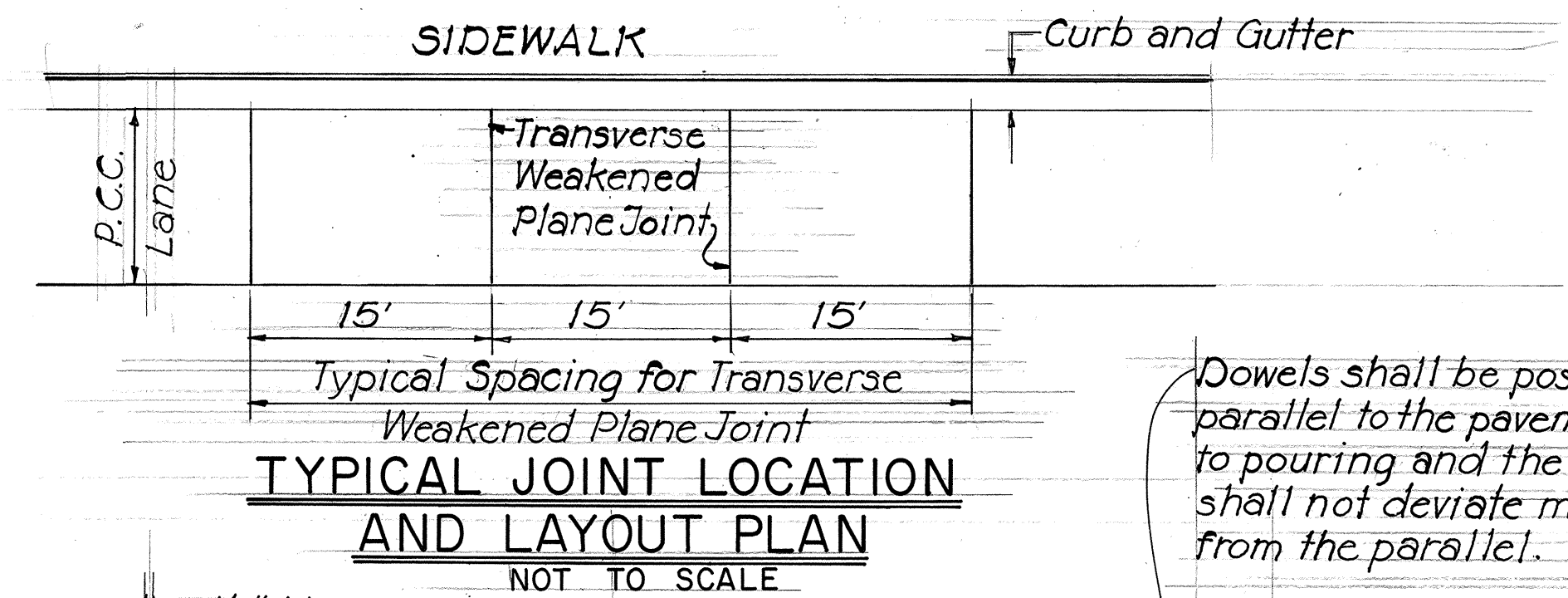
PLAN
 ALA MOANA BLVD. RESURFACING
 KEAWE ST. TO ALA WAI CANAL BRIDGE
 PROJECT NO. F-092-1(15)

SHEET NO. 3 OF 4 SHEETS

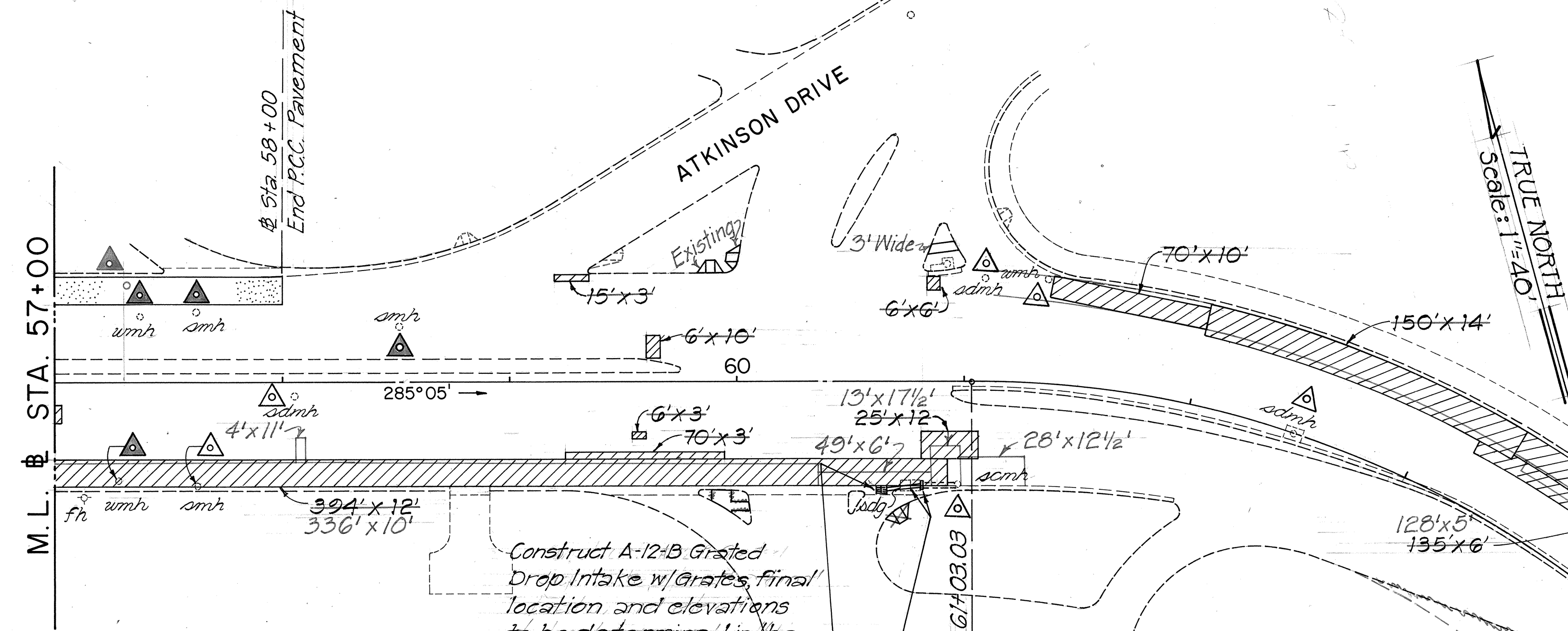
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-092-1(15)	1980	7	21



Sta 47+00 to Sta 57+00
 Reconstruction Area 176 S.Y.
 Resurfacing Area 7,168 S.Y.
 Manhole Adjustments 10 Ea.
 Water Valve Box Adjustments 1 Ea.
 PCC Pavement Area 1,138 S.Y.
 Wheelchair Ramps, Type A 2 Ea.



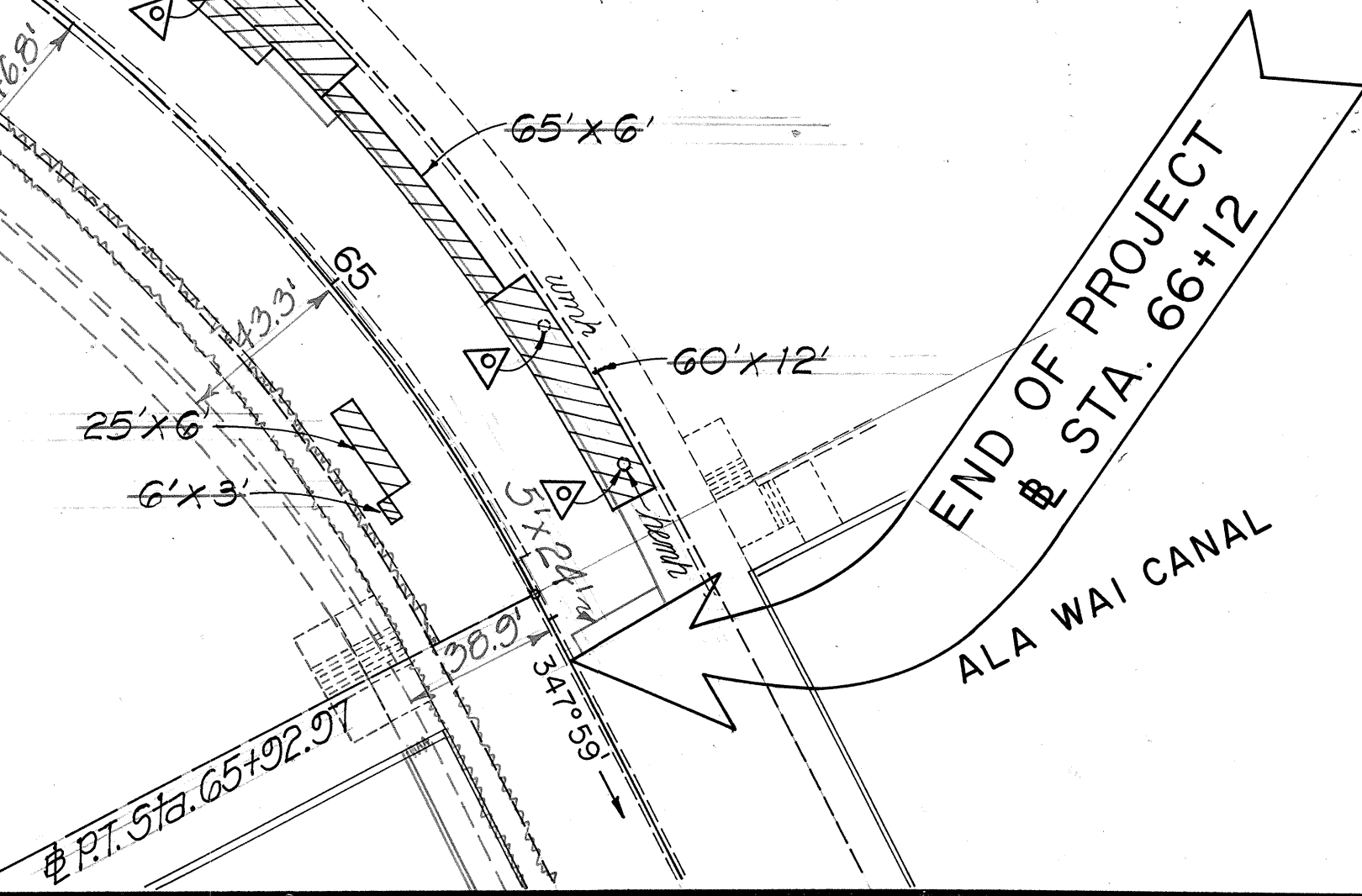
DATE	REVISION
2/19/81	Demolish exist. structure. Construct Grated D.I., Conc. pipe collar, Conc. pipe protection. Install 18" culvert.
9/18/80	Revised Limits of PCC Pavement. Widened Bus Pad with PCC Pavement, Sta. 48+22.8 to 51+32.3.
6/13/80	Added Transverse Weakened Addendum Plane Joint & Transverse Construction Joint Details.



Sta 57+00 to Sta 66+12
 Reconstruction Area 1,333 S.Y.
 Resurfacing Area 8,643 S.Y.
 Manhole Adjustments 0 Ea.
 PCC Pavement Area 133 S.Y.
 Wheelchair Ramps, Type A 3 Ea.
 Wheelchair Ramps, Type C Modified 2 Ea.

Construct A-12-B Grated Drop Intake w/ Grates, final location and elevations to be determined in the field by the engineer.
 For details, see C.O. 215-1.
 Demolish existing structure, install 18" culvert, construct pipe collar & concrete pipe protection.

CURVE DATA
 Δ = 62° 54'
 R = 446.29
 T = 272.95
 Lc = 489.94



STATE OF HAWAII
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 HIGHWAYS DIVISION

PLAN
 ALA MOANA BLVD. RESURFACING
 KEAWE ST. TO ALA WAI CANAL BRIDGE
 PROJECT NO. F-092-1(15)

SHEET No. 4 OF 4 SHEETS
 CO 7

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	