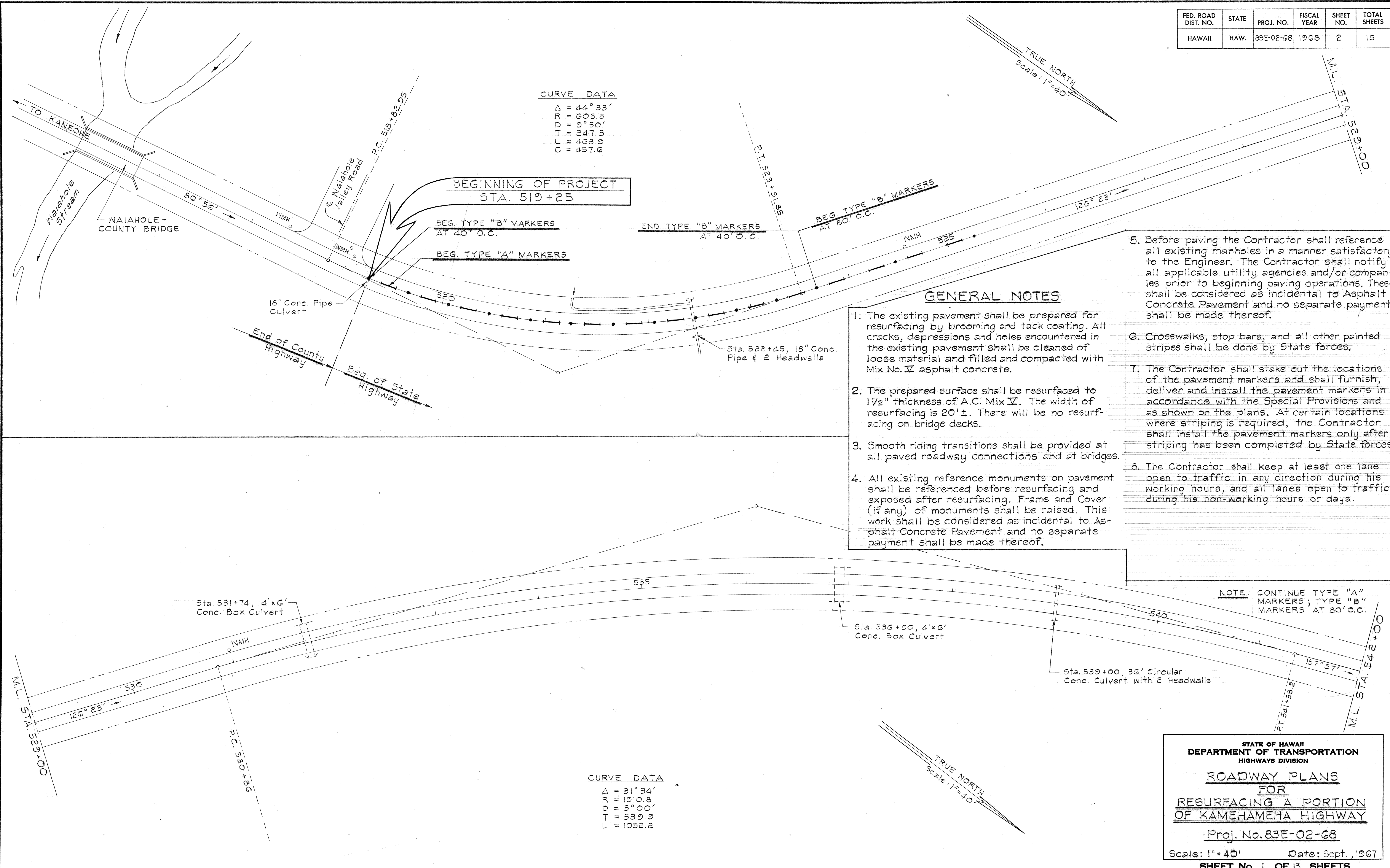


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	2	15



CURVE DATA	
Δ	= 44° 33'
R	= 603.8
D	= 9° 30'
T	= 247.3
L	= 468.9
OC	= 457.6

CURVE DATA	
Δ	= 31° 34'
R	= 1910.8
D	= 3° 00'
T	= 539.9
L	= 1052.2

GENERAL NOTES

1. The existing pavement shall be prepared for resurfacing by brooming and tack coating. All cracks, depressions and holes encountered in the existing pavement shall be cleaned of loose material and filled and compacted with Mix No. V asphalt concrete.
2. The prepared surface shall be resurfaced to 1 1/2" thickness of A.C. Mix V. The width of resurfacing is 20'±. There will be no resurfacing on bridge decks.
3. Smooth riding transitions shall be provided at all paved roadway connections and at bridges.
4. All existing reference monuments on pavement shall be referenced before resurfacing and exposed after resurfacing. Frame and Cover (if any) of monuments shall be raised. This work shall be considered as incidental to Asphalt Concrete Pavement and no separate payment shall be made thereof.
5. Before paving the Contractor shall reference all existing manholes in a manner satisfactory to the Engineer. The Contractor shall notify all applicable utility agencies and/or companies prior to beginning paving operations. These shall be considered as incidental to Asphalt Concrete Pavement and no separate payment shall be made thereof.
6. Crosswalks, stop bars, and all other painted stripes shall be done by State forces.
7. The Contractor shall stake out the locations of the pavement markers and shall furnish, deliver and install the pavement markers in accordance with the Special Provisions and as shown on the plans. At certain locations where striping is required, the Contractor shall install the pavement markers only after striping has been completed by State forces.
8. The Contractor shall keep at least one lane open to traffic in any direction during his working hours, and all lanes open to traffic during his non-working hours or days.

NOTE: CONTINUE TYPE "A" MARKERS; TYPE "B" MARKERS AT 80' O.C.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

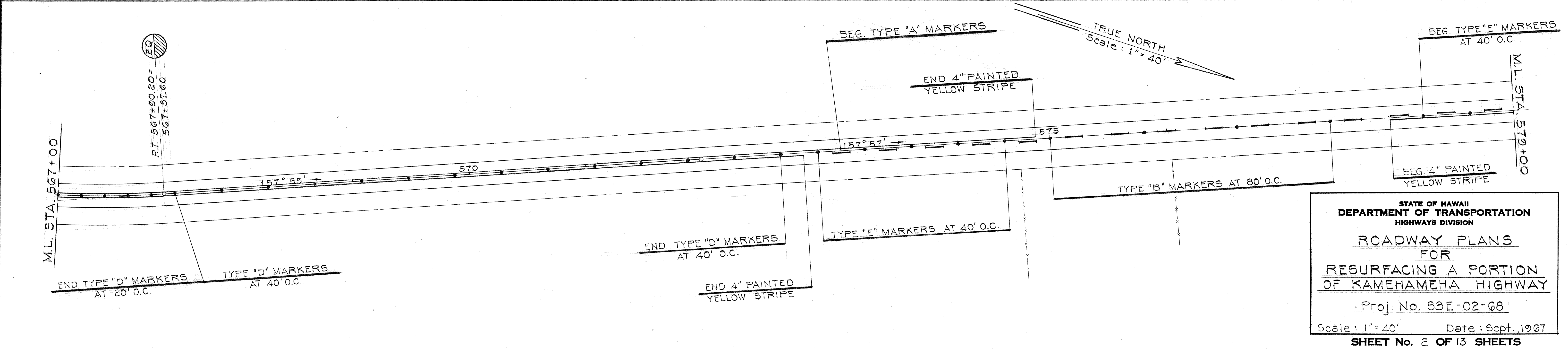
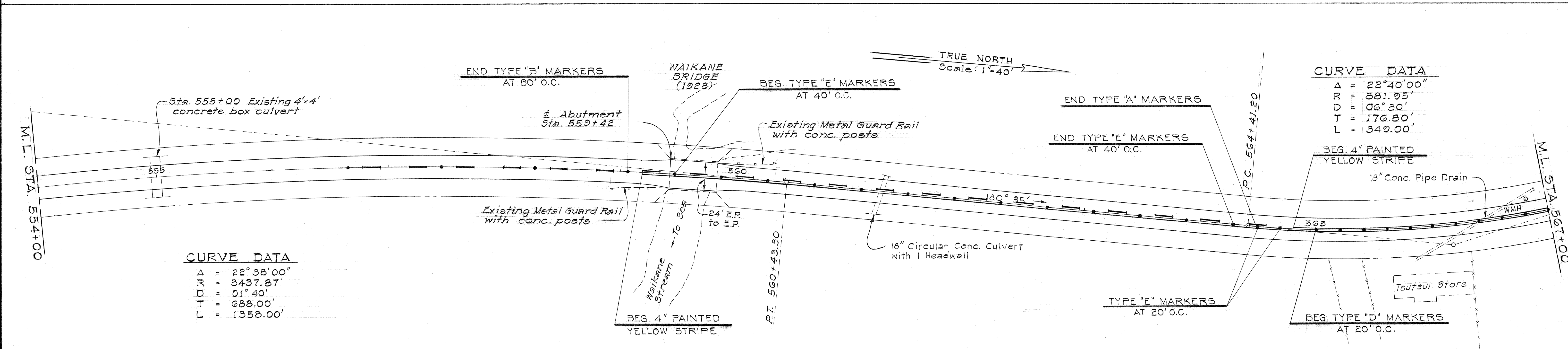
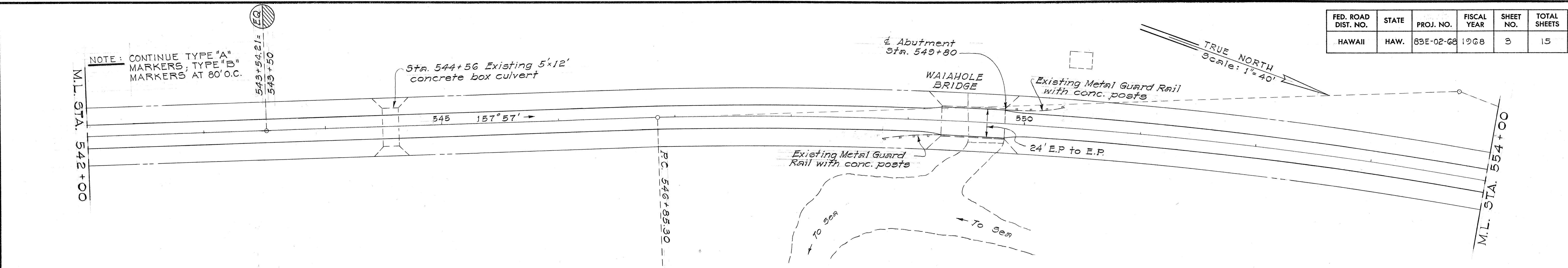
ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY

Proj. No. 83E-02-68

Scale: 1" = 40' Date: Sept., 1967

SHEET No. 1 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	3	15



ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

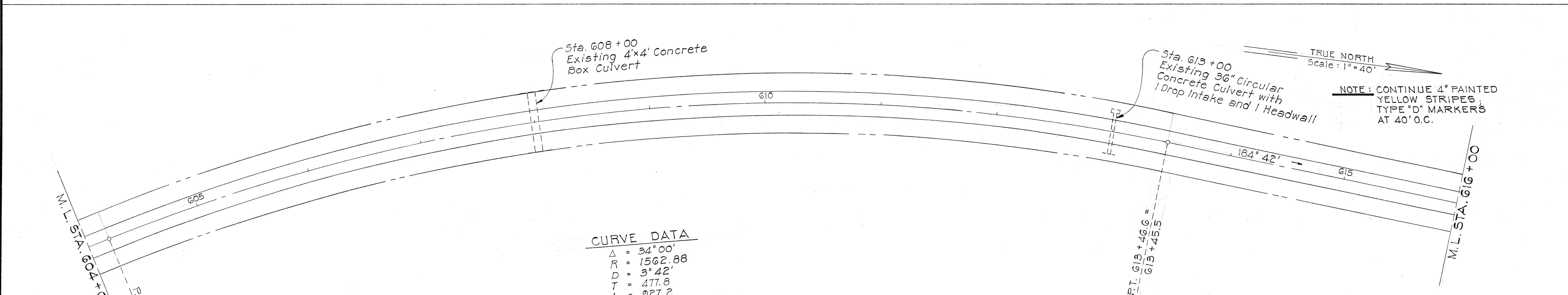
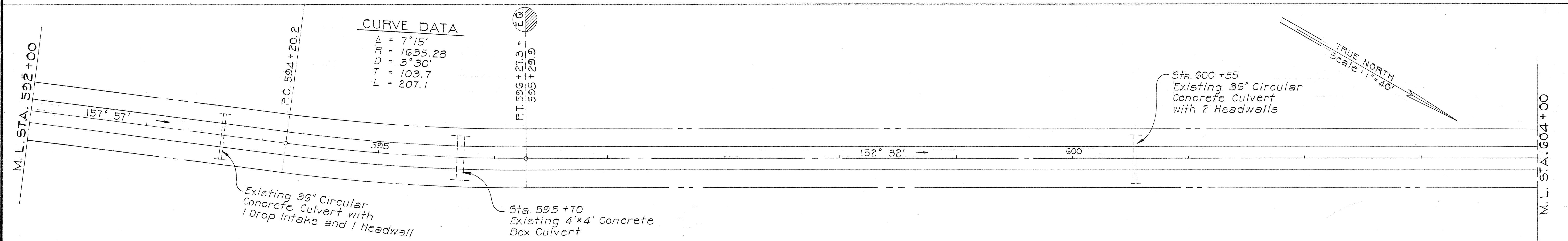
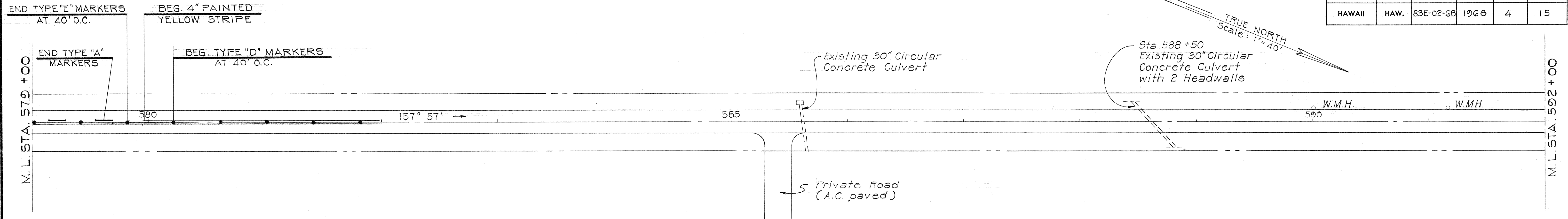
ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY

Proj. No. 83E-02-68

Scale: 1"=40' Date: Sept. 1967

SHEET No. 2 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	4	15



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY

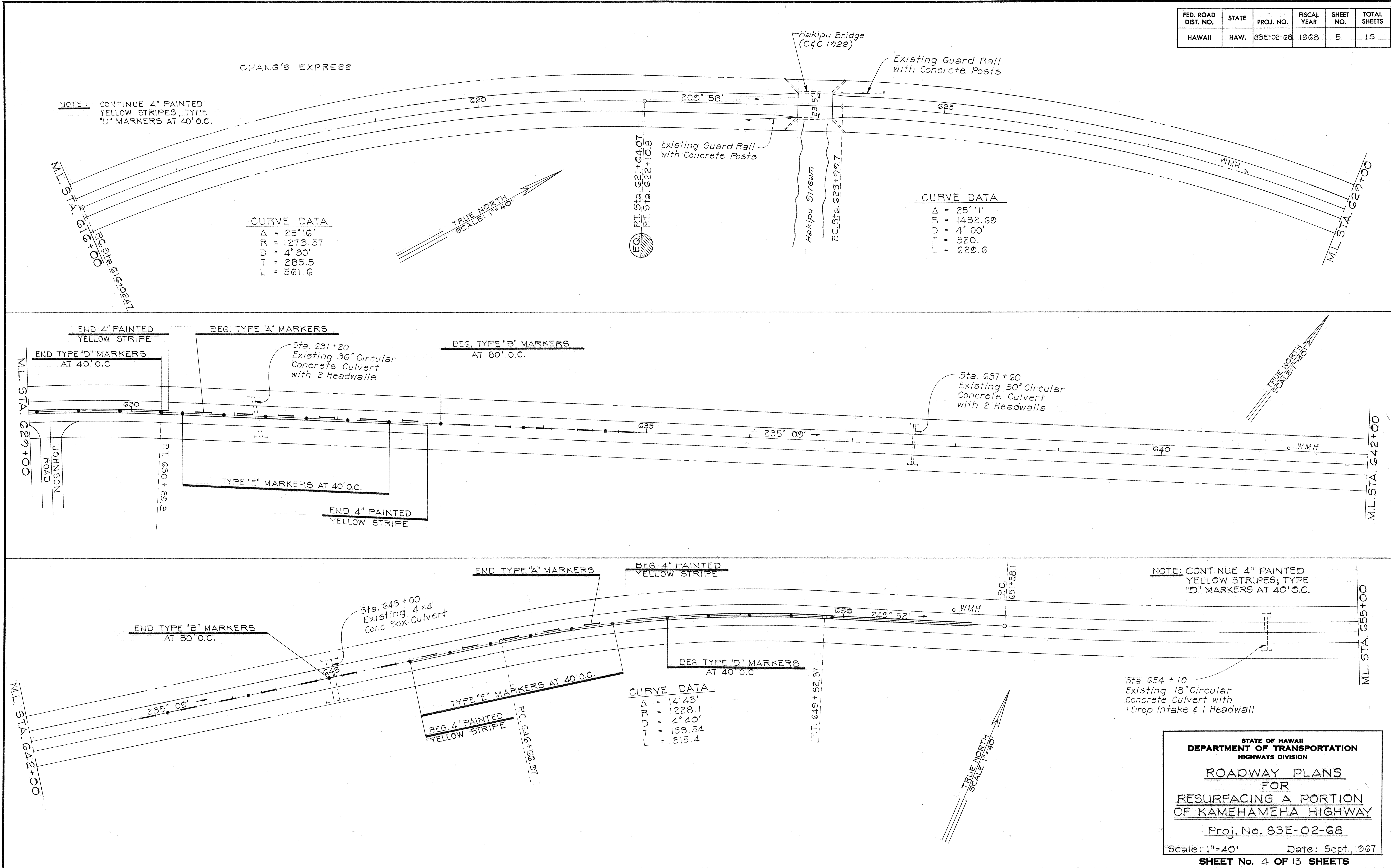
Proj. No. 83E-02-68

Scale: 1"=40' Date: Sept., 1967

SHEET No. 3 OF 13 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTE BOOK	_____
No.	_____

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	5	15



DATE	_____
DESIGNED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	6	15

± CURVE DATA

Δ = 13° 25'
R = 5729.7
D = 1° 00'
T = 673.93
L = 1341.66

NOTE: CONTINUE 4" PAINTED YELLOW STRIPES, TYPE "D" MARKERS AT 40' O.C.

M.L. STA. 655+00

Sta. 656+50 Exist.
36" circular concrete culvert
with 2 headwall

G60

G65

236° 27' →

Sta. 664+50 Exist.
36" circular concrete culvert
with 2 headwall

M.L. STA. 668+00

TRUE NORTH
Scale: 1" = 40'

END TYPE "D" MARKERS AT 40' O.C. BEG. TYPE "D" MARKERS AT 20' O.C.

END TYPE "D" MARKERS AT 20' O.C. BEG. TYPE "D" MARKERS AT 40' O.C.

± CURVE DATA

Δ = 17° 01' 30"
R = 1432.7
D = 4° 00"
T = 214.54
L = 425.83

M.L. STA. 668+00

Exist. W.V. on E.P.

Sta. 669+50 Exist.
30" circular concrete culvert 32' long
with 1 drop intake & 1 headwall

± CURVE DATA

Δ = 28° 28'
R = 955.4
D = 6° 00"
T = 242.34
L = 474.44

P.C. 668+48.93

Exist. W.M.H. 3%

G70

264° 55' 30" → G75

P.T. 673+22.77

P.C. 675+97.70

TRUE NORTH
Scale: 1" = 40'

Exist. W.V. 1 1/2%

Sta. 678+50 Exist.
30" circular concrete culvert
with 1 drop intake & 1 headwall

G80

247° 54' →

P.T. 680+23.53

M.L. STA. 681+00

M.L. STA. 681+00

END TYPE "D" MARKERS AT 40' O.C.

END 4" PAINTED YELLOW STRIPE
TYPE "E" MARKERS AT 40' O.C.

BEG. TYPE "B" MARKERS AT 80' O.C.

NOTE: CONTINUE TYPE "A" MARKERS, TYPE "B" MARKERS AT 80' O.C.

END 4" PAINTED YELLOW STRIPE

BEG. TYPE "A" MARKERS

Sta. 684+50 Exist.
18" circular concrete culvert
with 2 headwalls

G85

247° 54' →

G90

M.L. STA. 694+00

TRUE NORTH
Scale: 1" = 40'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY

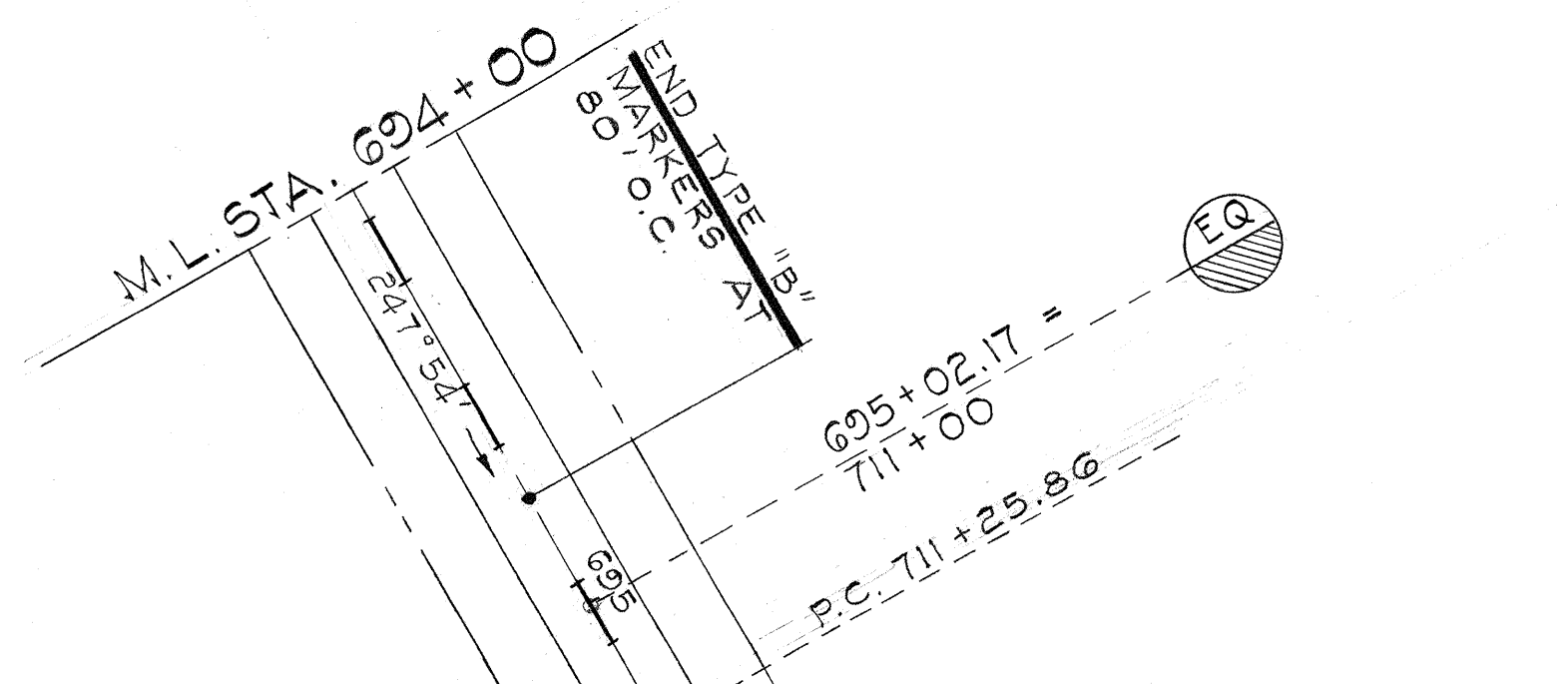
Proj. No. 83E-02-68

Scale: 1" = 40' Date: Sept., 1967

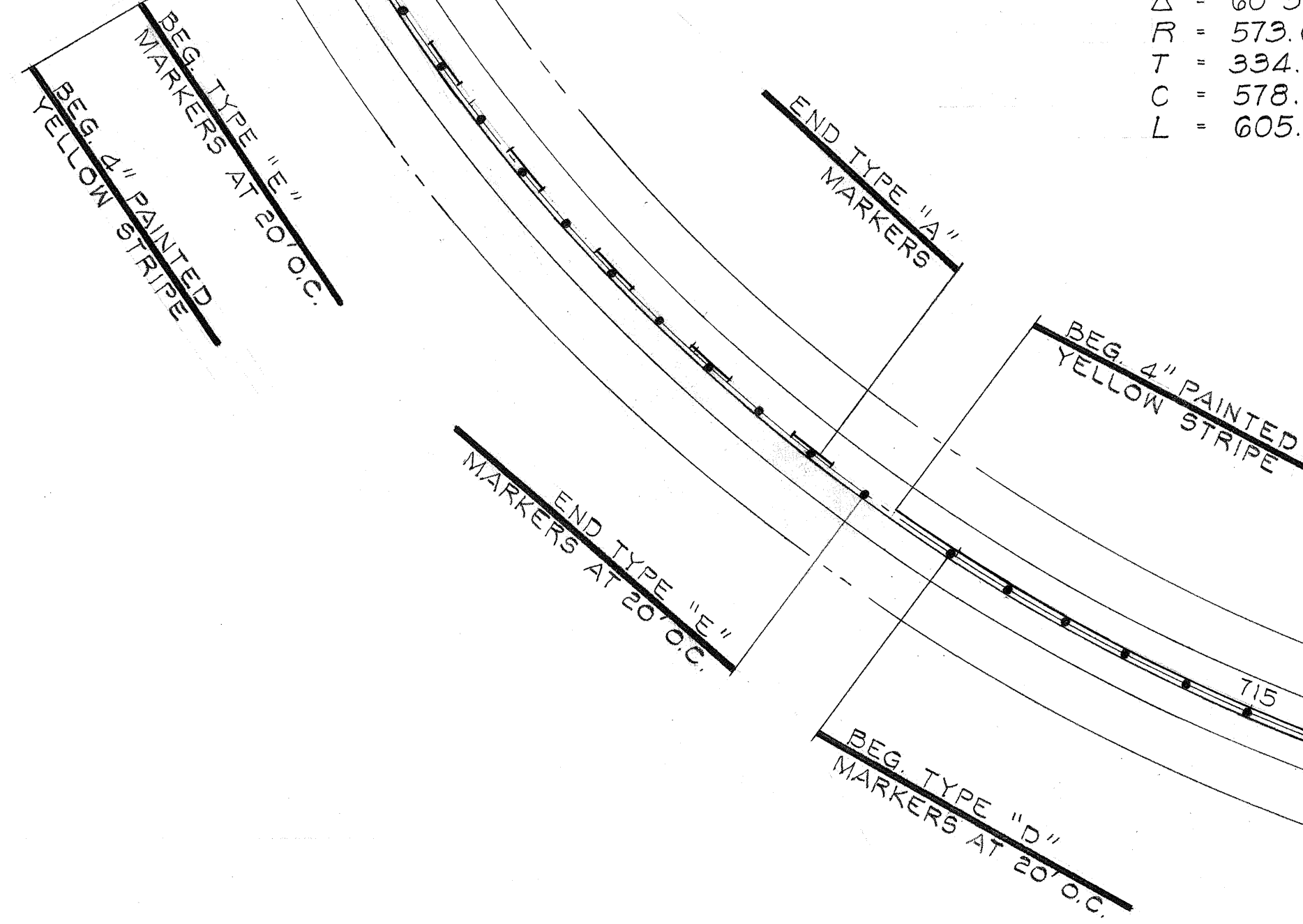
SHEET No. 5 OF 13 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	7	15



CURVE DATA
 $\Delta = 60^{\circ}30'$
 $R = 573.68$
 $T = 334.14$
 $C = 578.0$
 $L = 605.0$



P.T. 717+30.86

Sta. 717+70
Existing 24" Concrete
Pipe Culvert with
2 Headwalls

END 4" PAINTED
YELLOW STRIPE

BEG. TYPE "A"
MARKERS

BEG. TYPE "B"
MARKERS AT 80' O.C.

Existing 30" Concrete
Pipe Culvert

END TYPE "D"
MARKERS AT 20' O.C.

TYPE "D"
MARKERS AT 40' O.C.

TYPE "E" MARKERS
AT 40' O.C.

END 4" PAINTED
YELLOW STRIPE

M.L. STA. 723+00

TRUE NORTH
Scale: 1"=40'

M.L. STA. 723+00

W.V.'S

725

187° 24' →

730

M.L. STA. 735+00

Existing 30" Concrete
Pipe Culvert with
2 Headwalls

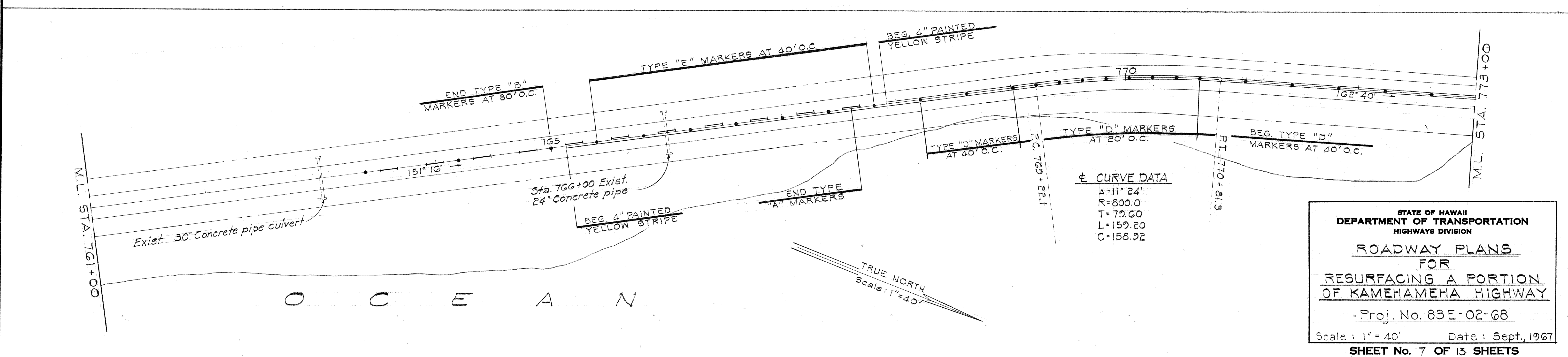
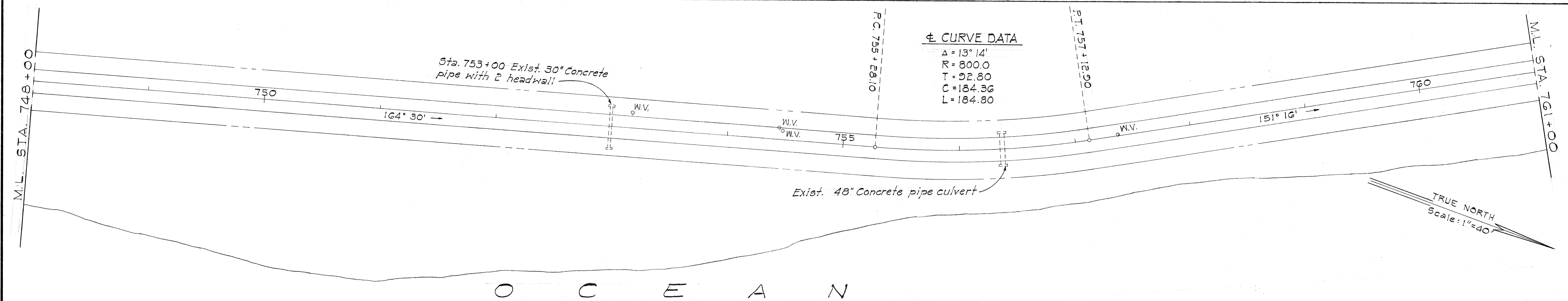
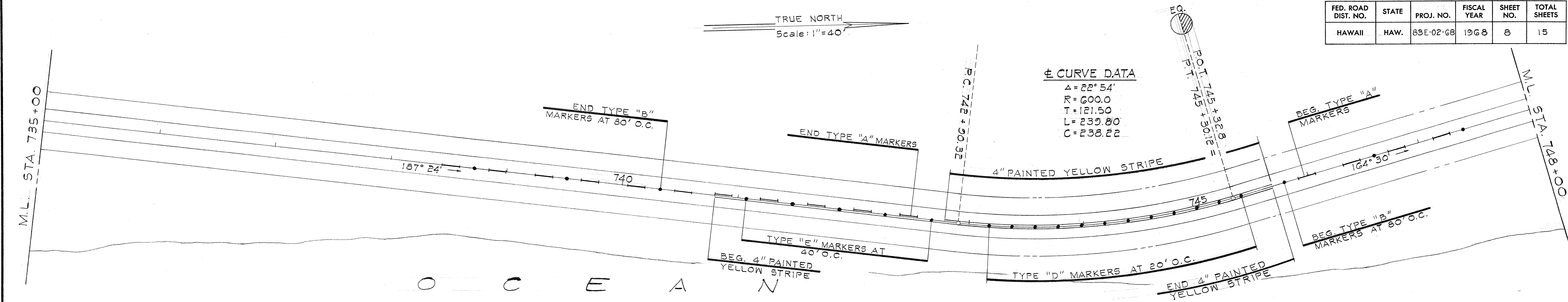
NOTE:
CONTINUE TYPE "A"
MARKERS; TYPE "B"
MARKERS AT 80' O.C.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY
Proj. No. 83E-02-68
Scale: 1"=40' Date: Sept., 1967
SHEET No. 6 OF 13 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	8	15



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY

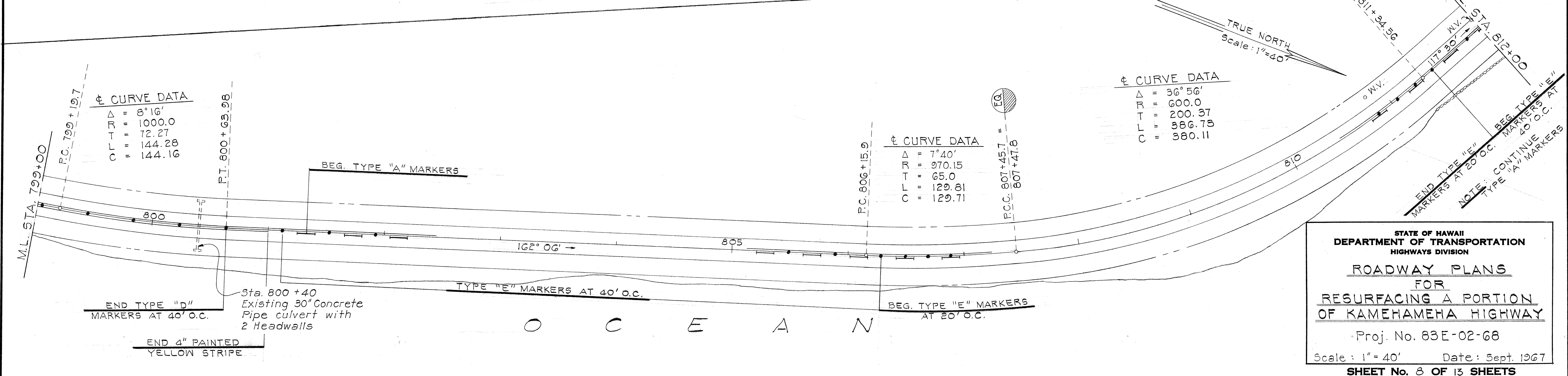
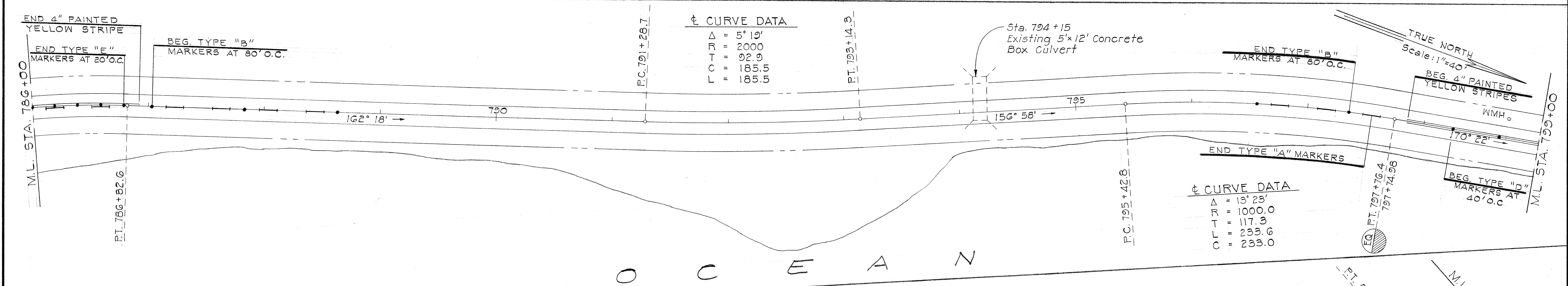
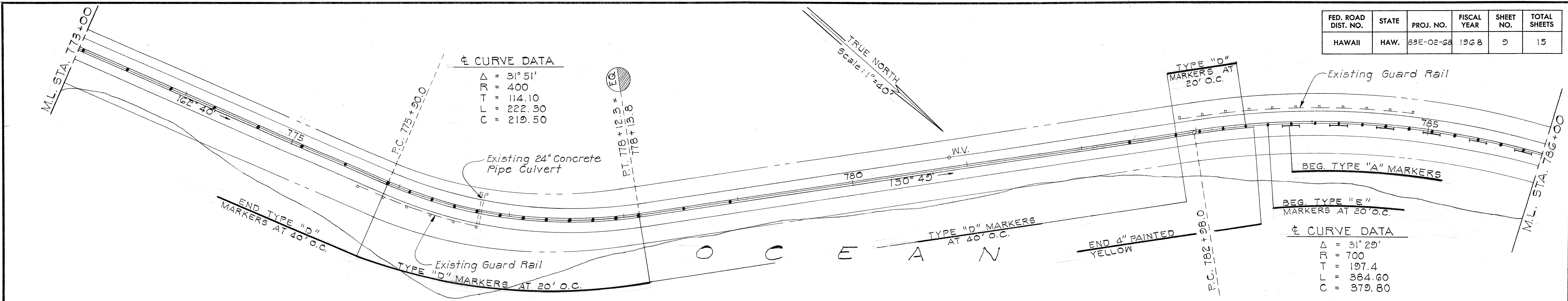
Proj. No. 83E-02-68

Scale: 1"=40' Date: Sept., 1967

SHEET No. 7 OF 13 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY	DRAWN BY	
NOTE BOOK	CHECKED BY	
No.		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63E-02-68	1968	9	15

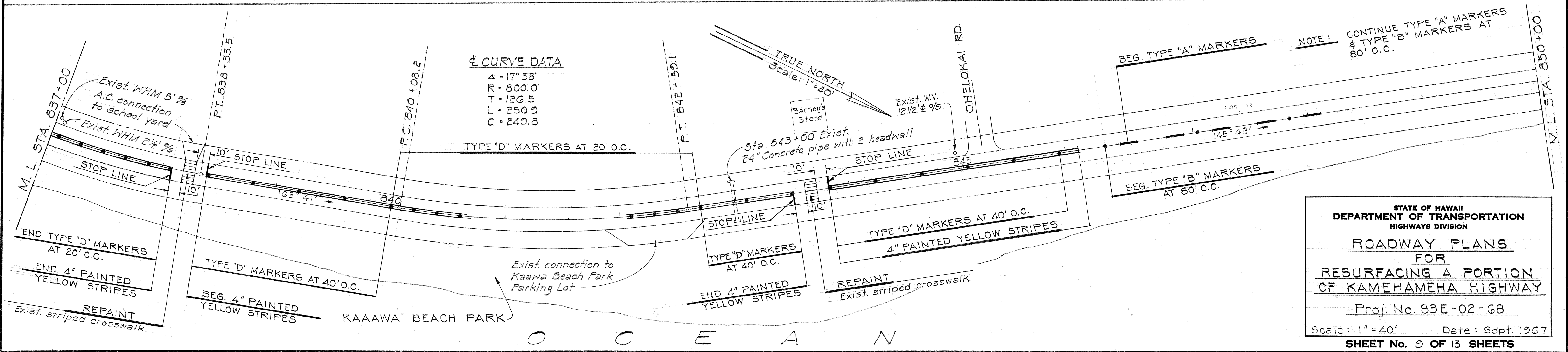
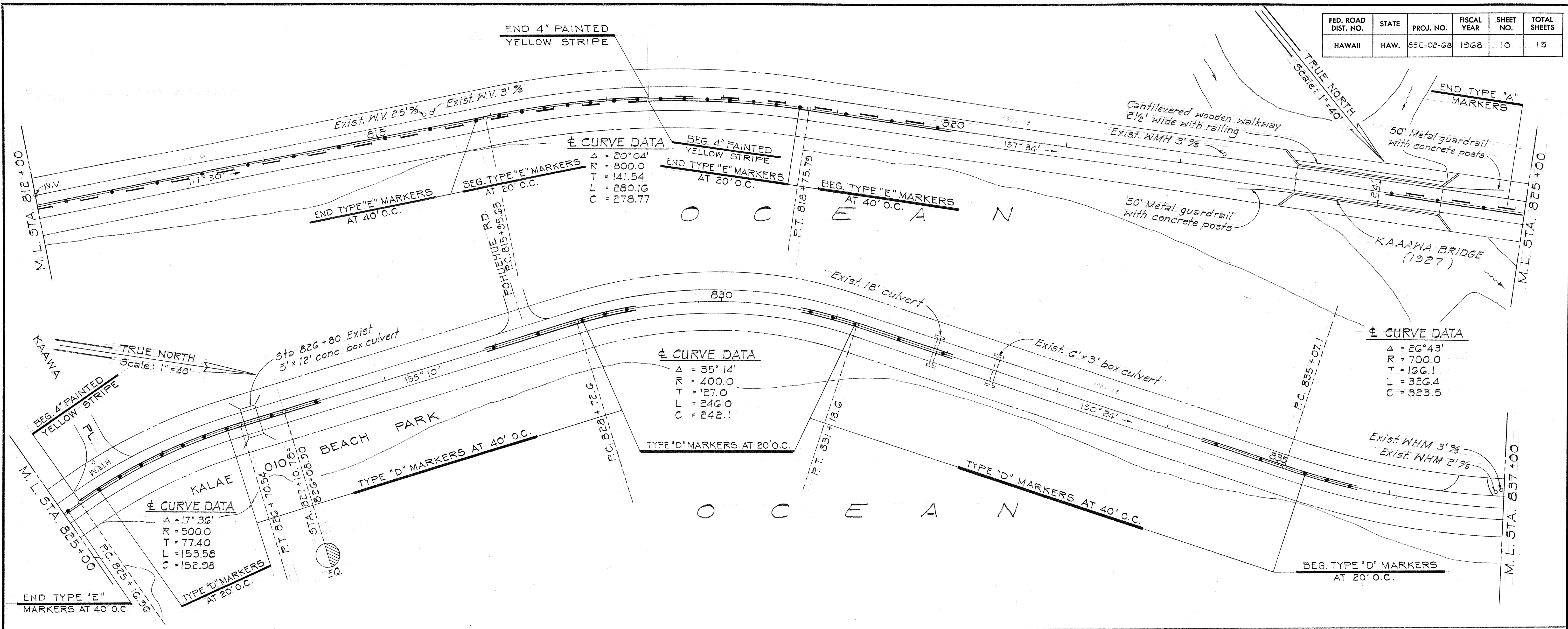


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

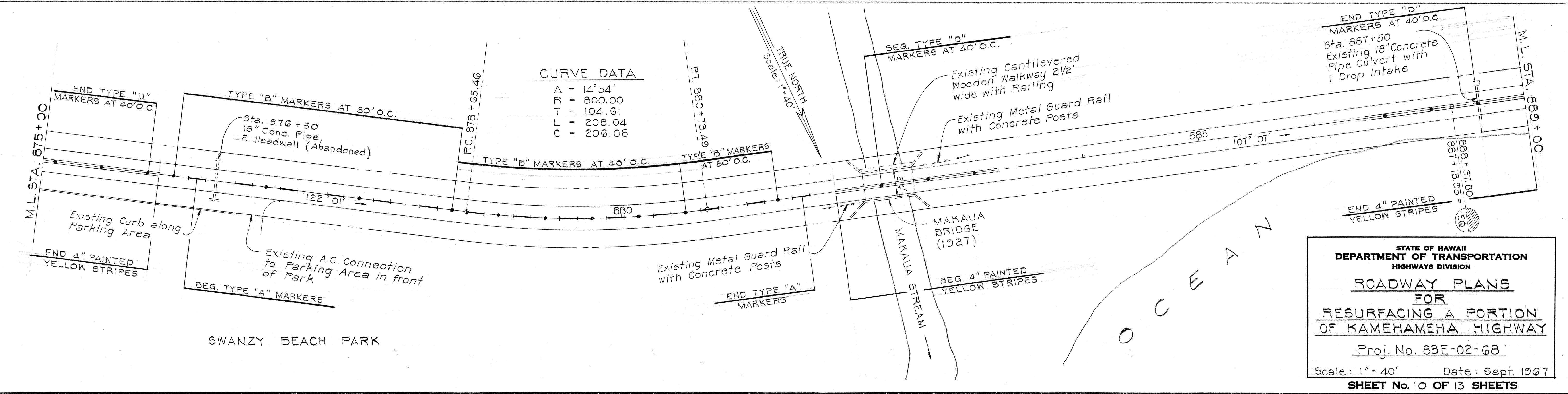
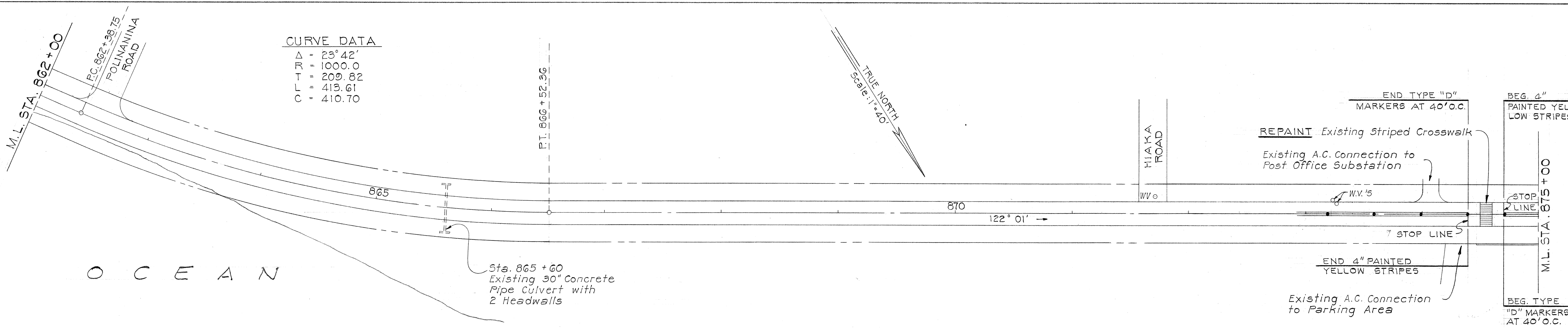
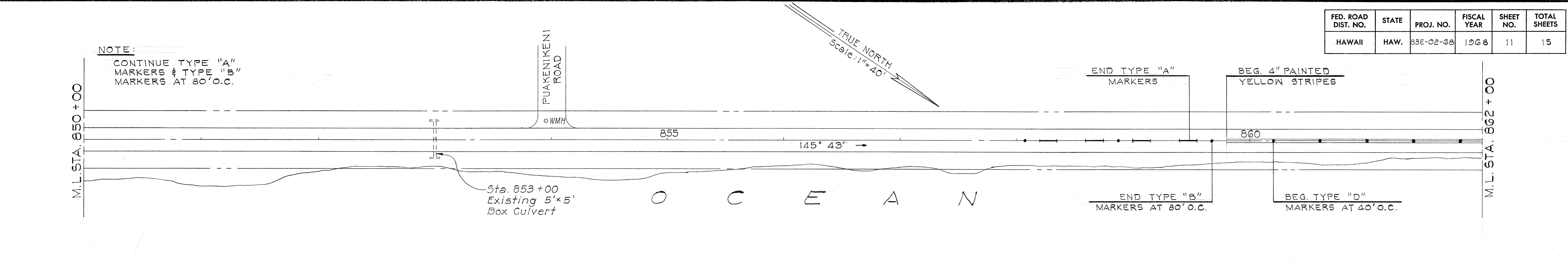
**ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY**

Proj. No. 63E-02-68
Scale: 1"=40' Date: Sept. 1967
SHEET No. 8 OF 13 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
NOTE BOOK		
CHECKED BY		

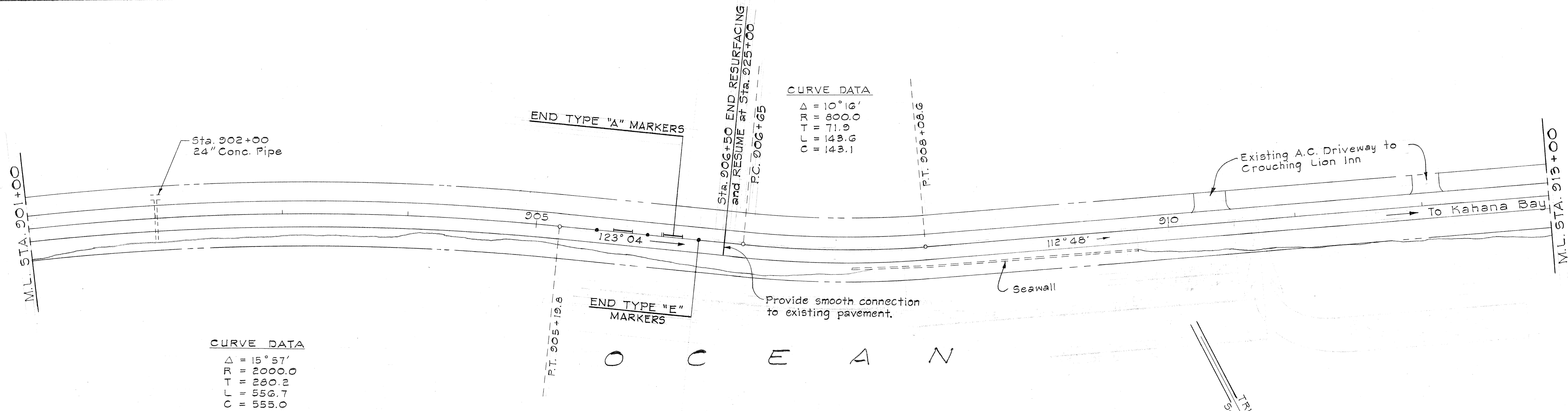
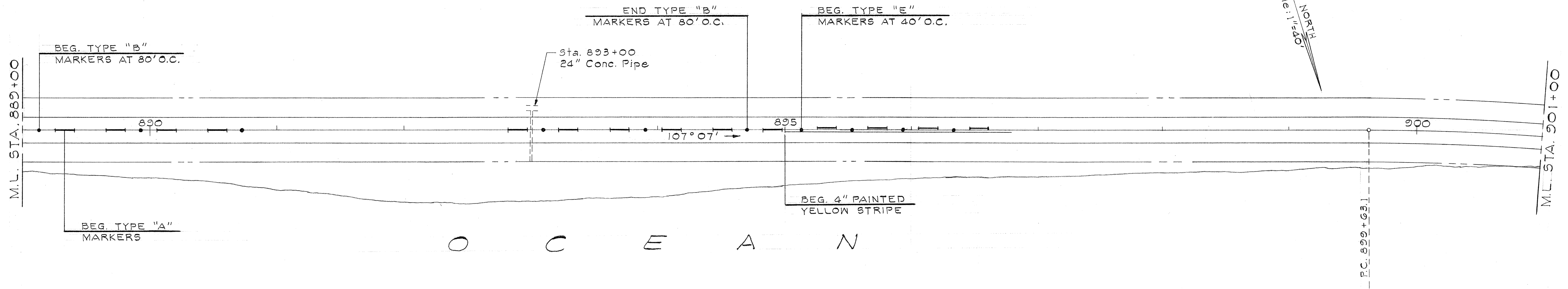


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-08	1968	11	15



ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	12	15



CURVE DATA	
Δ	= 15° 57'
R	= 2000.0
T	= 280.2
L	= 556.7
C	= 555.0

CURVE DATA	
Δ	= 10° 16'
R	= 800.0
T	= 71.9
L	= 143.6
C	= 143.1

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY

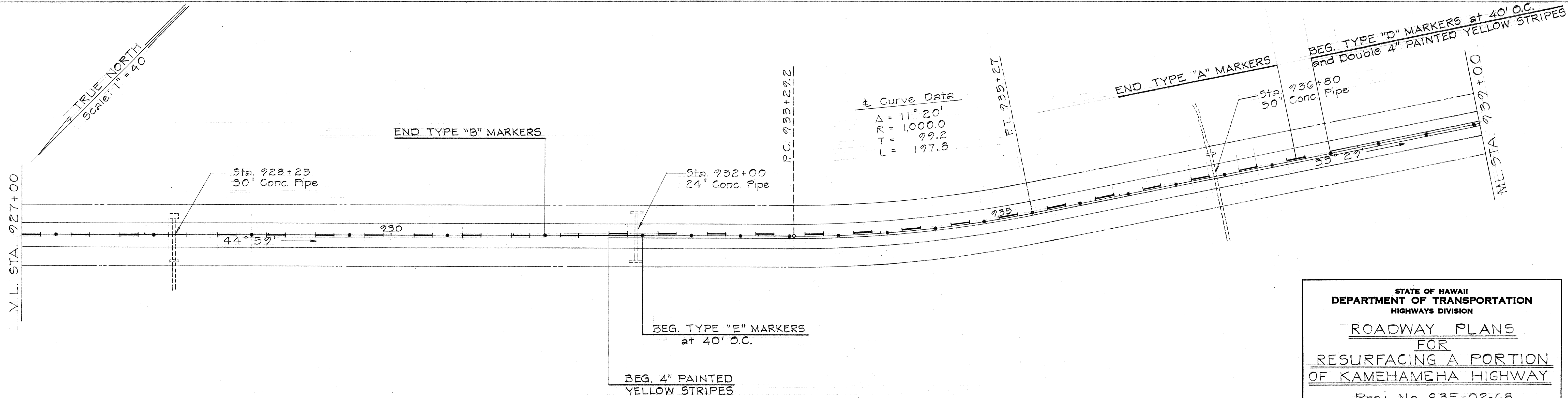
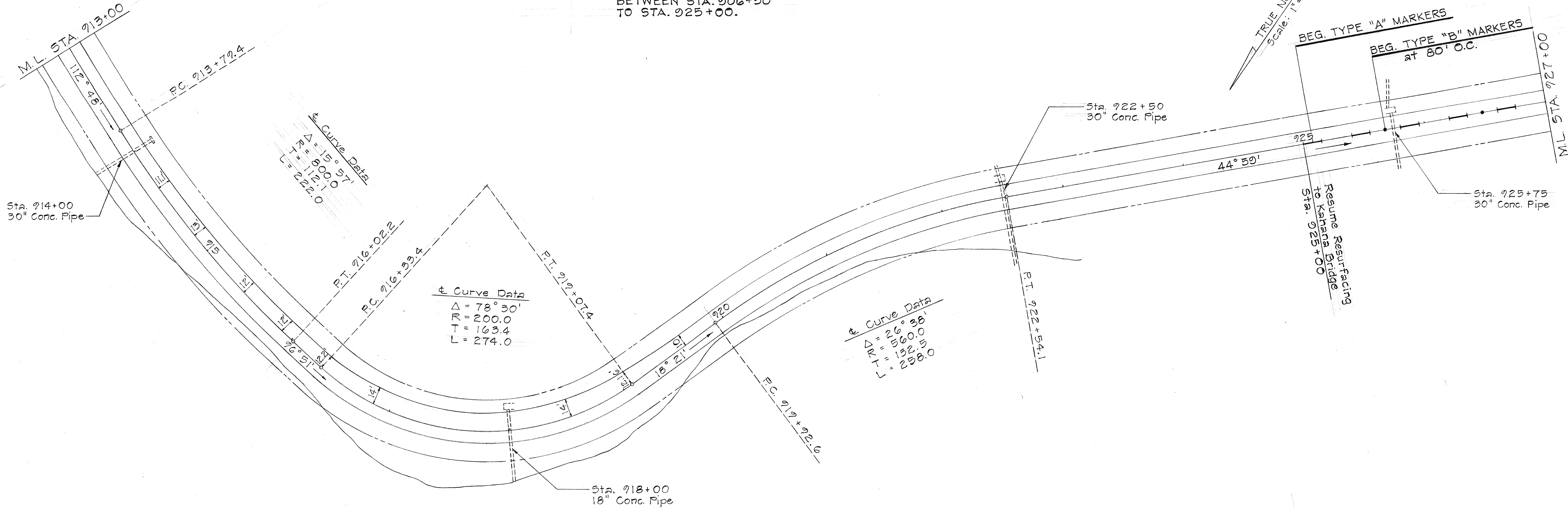
Proj. No. 83E-02-68

Scale: 1" = 40' Date: Sept. 1967

SHEET No. 11 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	13	15

NOTE: NO RESURFACING
BETWEEN STA. 906+50
TO STA. 925+00.



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

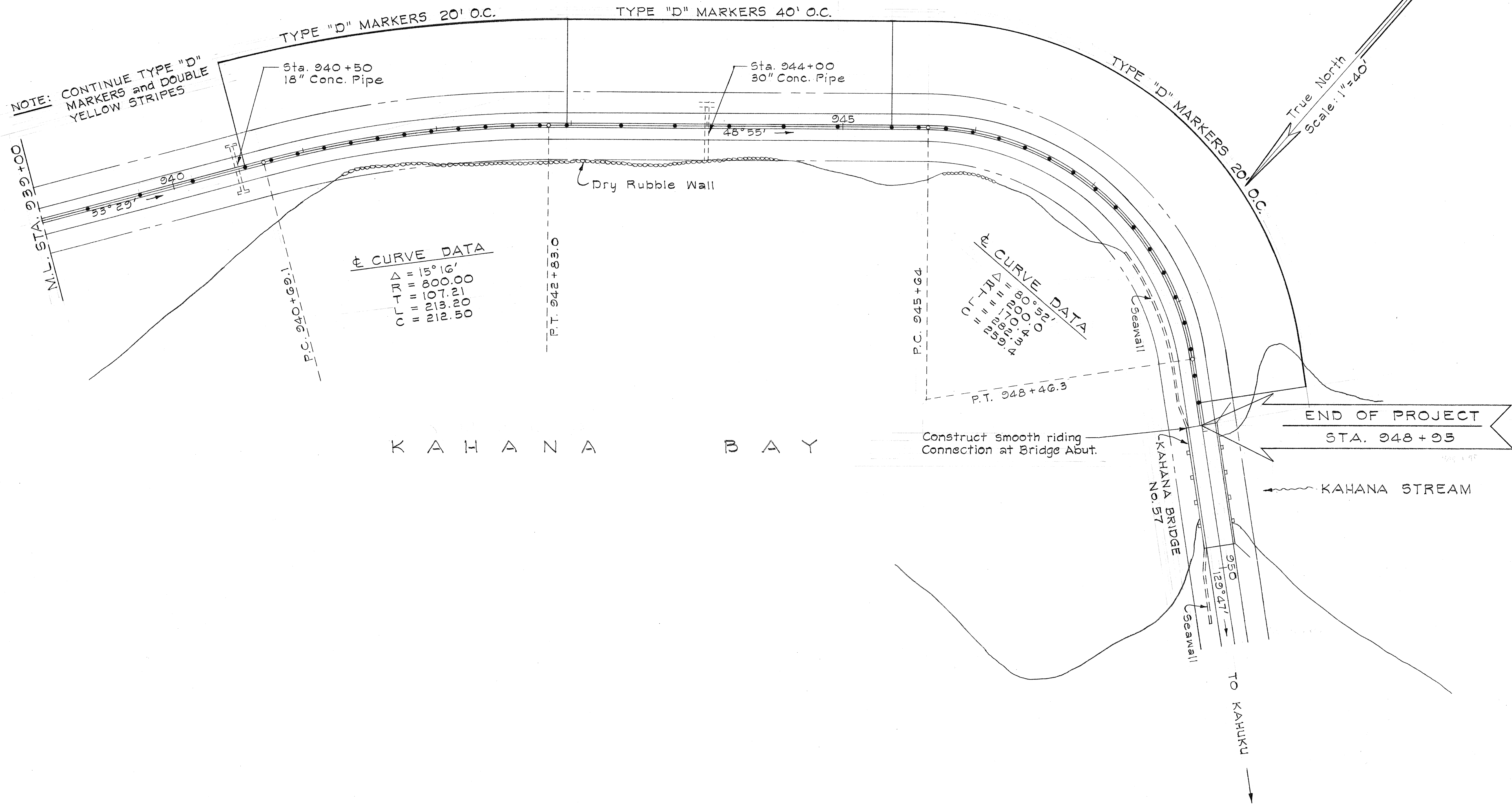
ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY

Proj. No. 83E-02-68

Scale: 1" = 40' Date: Jan. 1968

SHEET No. 12 OF 13 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83E-02-68	1968	14	15



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
FOR
RESURFACING A PORTION
OF KAMEHAMEHA HIGHWAY

Proj. No. 83E-02-68

Scale: 1"=40' Date: Jan. 1968

SHEET No. 13 OF 13 SHEETS