

8/4/55

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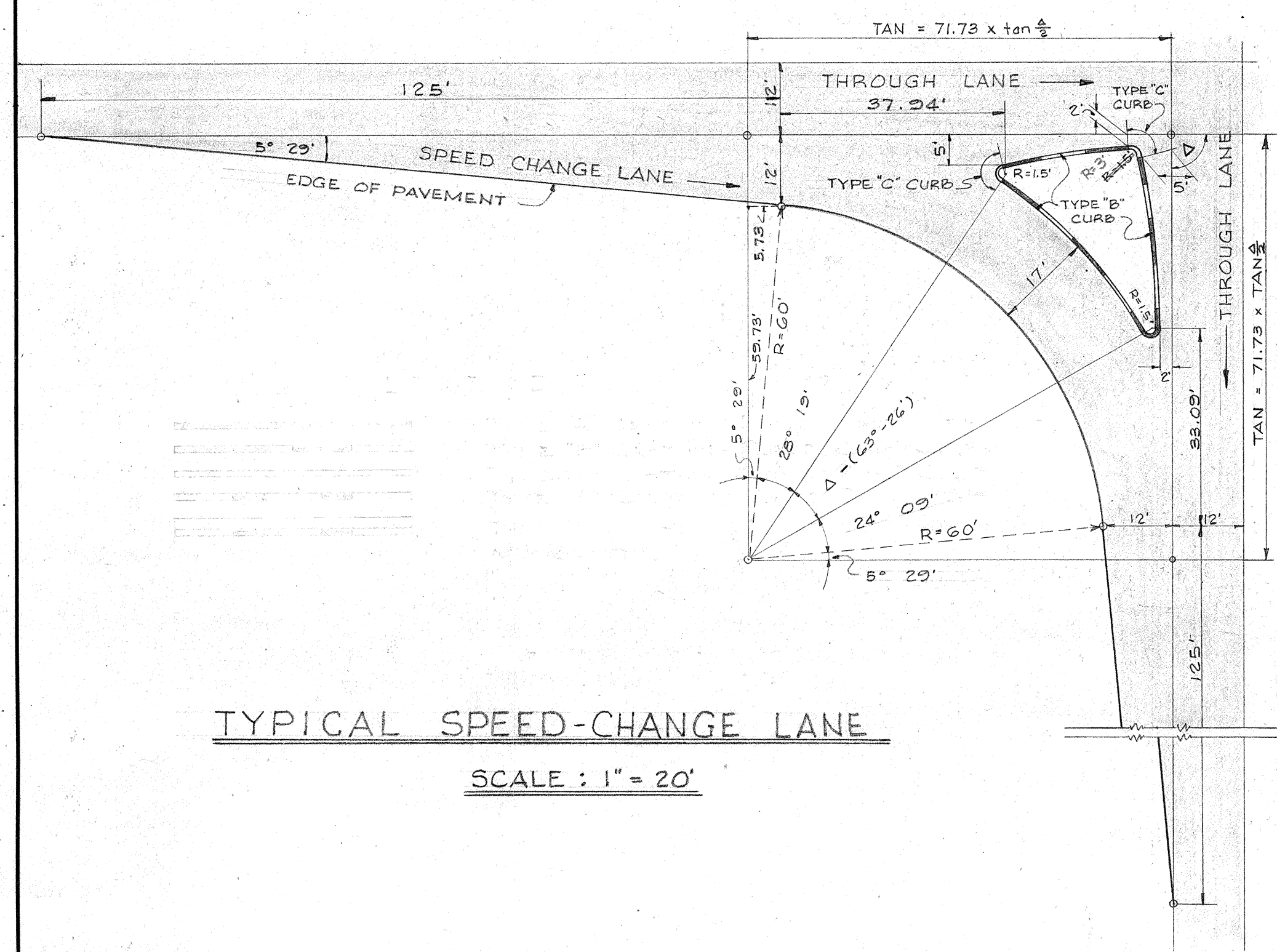
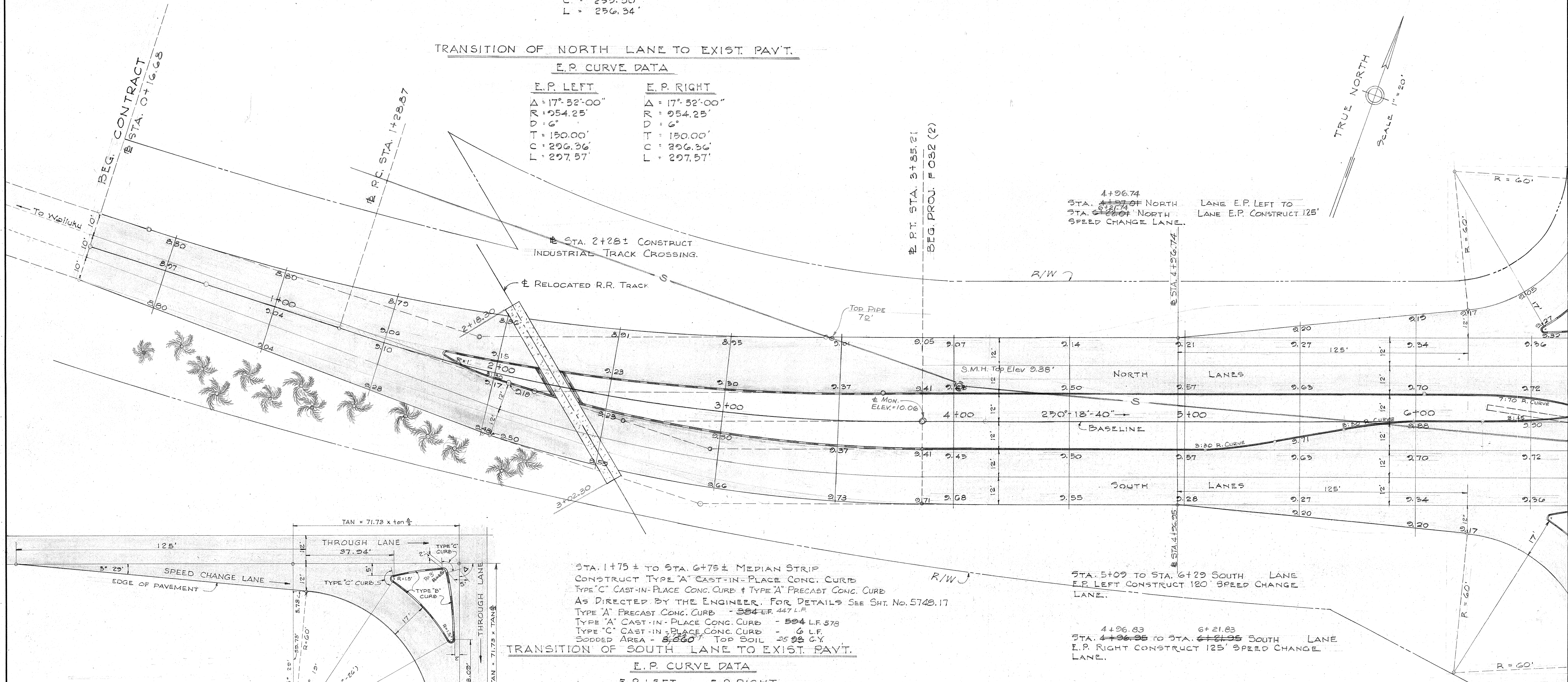
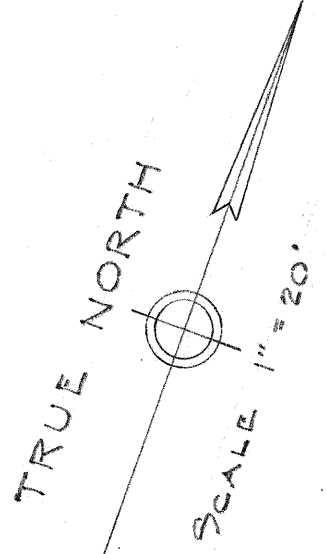
B CURVE DATA

$\Delta = 17^{\circ} 52' 00''$
 $R = 822.05'$
 $T = 129.22'$
 $C = 253.30'$
 $L = 256.34'$

TRANSITION OF NORTH LANE TO EXIST. PAY'T.

E.P. CURVE DATA

E.P. LEFT	E.P. RIGHT
$\Delta = 17^{\circ} 52' 00''$	$\Delta = 17^{\circ} 52' 00''$
$R = 254.25'$	$R = 254.25'$
$D = 6^{\circ}$	$D = 6^{\circ}$
$T = 150.00'$	$T = 150.00'$
$C = 296.36'$	$C = 296.36'$
$L = 297.57'$	$L = 297.57'$



STA. 1+75 ± TO STA. 6+75 ± MEDIAN STRIP
 CONSTRUCT TYPE "A" CAST-IN-PLACE CONC. CURB
 TYPE "C" CAST-IN-PLACE CONC. CURB & TYPE "A" PRECAST CONC. CURB
 AS DIRECTED BY THE ENGINEER. FOR DETAILS SEE SHT. NO. 5748.17
 TYPE "A" PRECAST CONC. CURB - 384 LF. 447 L.F.
 TYPE "A" CAST-IN-PLACE CONC. CURB - 594 LF. 578
 TYPE "C" CAST-IN-PLACE CONC. CURB - 6 LF.
 SLOPED AREA - 8,880' TOP SOIL 25.93 C.Y.

TRANSITION OF SOUTH LANE TO EXIST. PAY'T.

E.P. CURVE DATA

E.P. LEFT	E.P. RIGHT
$\Delta = 17^{\circ} 52' 00''$	$\Delta = 17^{\circ} 52' 00''$
$R = 585.21'$	$R = 603.21'$
$T = 91.39'$	$T = 95.76'$
$C = 181.75'$	$C = 189.20'$
$L = 182.43'$	$L = 189.97'$

LEGEND

- TYPE "A" CAST-IN-PLACE CONC. CURB
- TYPE "B" CAST-IN-PLACE CONC. CURB
- TYPE "C" CAST-IN-PLACE CONC. CURB
- TYPE "D" CAST-IN-PLACE CONC. CURB
- TYPE "DG" CAST-IN-PLACE CONC. CURB AND GUTTER.
- TYPE "A" PRECAST CONCRETE CURB

NOTE:

FOR LAYOUT AND DETAILS OF DRAINAGE SYSTEM SEE SHTS. NOS. 5748.8 & 5748.9
 FOR LAYOUT AND DETAILS OF INDUSTRIAL TRACK CROSSING AND RAILROAD RELOCATION SEE SHTS. NOS. 5748.2 & 5748.3

TERRITORIAL HIGHWAY DEPARTMENT

TERRITORY OF HAWAII

INTERSECTION DETAILS

STA. 0+16.68 TO STA. 7+00

WAILUKU APPROACH

PROJ. NO. F032(2)

SCALE: 1" = 20'

MAR. 1955

SHEET NO. 1 OF 4 SHEETS

5748.4

DATE: _____
 SURVEY PLOTTED BY: _____
 DESIGNED BY: _____
 DRAWN BY: _____
 CHECKED BY: _____
 NOTE BOOK NO. _____

CONSTRUCT TRAFFIC ISLANDS AS SHOWN AND AS DIRECTED BY THE ENGINEER.
TYPE "B" CAST-IN-PLACE CONC. CURB - 806 L.F. 785
TYPE "C" CAST-IN-PLACE CONC. CURB - 37 L.F. 20
SODDED AREA 16,000 S.F. 8,900
TOP SOIL 116 C.Y. 110

EDGE PAY'T. LEFT
CURVE DATA
 $\Delta = 90^\circ 02' 20''$
 $TV = 186.00'$
 $PT = 186.13'$
 $PC = 203.13'$
 $PI = 292.23'$

STA. 66+00 ± & WEST LANE
INSTALL 80 L.F. 24" E.S.R.C.
CULVT PIPE, 1-C.D.I., 1-TYPE "D" C.B.
CLASS B-1 CONC. 1.5 F.C.Y.
STR. EXC. 64.3 C.Y.
1-TYPE "B" M.H. FRAME & COVER
CLASS A-1 CONC. 5.8 C.Y.
REIN. STEEL 65 LBS.

& WEST LANE STA. 67+77 ±
CONSTRUCT INDUSTRIAL
TRACK CROSSINGS.

END PROJ.
NO. 3 0340(1)
& WEST LANE
STA. 68+21.34

C.B. No. 4
INV. ELEV. 4.50
TOP ELEV. 9.15
6+49.00

M.H. No. 5
INV. ELEV. -0.33
TOP ELEV. 9.60

M.H. No. 3
INV. ELEV. 0.00
TOP ELEV. 9.71

& MON.
ELEV. 9.76

STA. 1+23 KANE ST. INSTALL 76 L.F. 24"
E.S.R.C. CULVT. PIPE, 1-TYPE "A" C.B.,
1-TYPE "D" M.H., 1-TYPE "B" M.H. FRAME
& COVER, 1-C.D.I., 1-TYPE "A" M.H. FRAME & COVER.
CLASS A-1 CONC. 7.7 C.Y.
CLASS B-1 CONC. 1.8 C.Y.
REIN. STEEL 125 LBS.
STR. EXC. 94.8 C.Y.

STA. 0+60 ± TO 1+85 ± & KANE ST. LEFT
CONSTRUCT PLAIN CONCRETE SIDEWALK
5' WIDE 306 S.F. 374
1+80 3+00
STA. 1+01.99 TO STA. 2+26.99 E.P. LEFT KANE ST.
CONST. 125' SPEED CHANGE LANE.
RT. & STA. 8+00 TO LT. STA. 1+10 KANE ST.
RECONSTRUCT C.R.M. WALL 10 ± C.Y.

1+15 3+05
STA. 1+16 TO STA. 3+00 LEFT KANE ST.
CONSTRUCT 30" CHAIN LINK FENCE
ALONG R/W 190 ± L.F.

FOR CONTINUATION OF
DETAIL SEE SHEET
NO. 5748.7

FOR CONTINUATION OF
DETAIL OF LAYOUT,
SEE SHEET NO. 5747.7

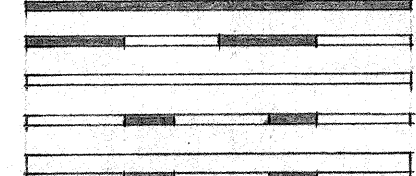
STA. 65+87.29 WEST LANE TO STA. 68+20 ± CONST.
MEDIAN STRIP AS DIRECTED BY THE ENGINEER. FOR
DETAILS SEE SHEET NO. 5748.17 460
TYPE "A" CAST-IN-PLACE CONC. CURB - 445 L.F.
TYPE "C" CAST-IN-PLACE CONC. CURB - 9 L.F.
SODDED AREA - 2720 S.F. 2972
TOP SOIL 82 C.Y. 37

STA. 0+38 ± TO 1+52 ± KANE ST. CONST.
MEDIAN STRIP AS DIRECTED BY THE
ENGINEER. FOR DETAILS SEE SHEET NO. 5748.17
TYPE "A" CAST-IN-PL. CONC. CURB - 220 L.F.
TYPE "C" CAST-IN-PL. CONC. CURB - 13 L.F.
SODDED AREA - 280 S.F. TOP SOIL - 3 C.Y.

NOTE:
ALL MEDIAN STRIPS AND TRAFFIC ISLANDS
ARE TO BE SODDED WITH 3" OF TOP SOIL AS
SHOWN ON THE TYPICAL SECTION. FOR DETAIL
SEE MEDIAN STRIP SECTION ON SHEET NO. 5748.2

1+03.42 2+28.42
STA. 1+02.05 TO STA. 2+27.05 KANE ST.
E.P. RIGHT CONST. 125' SPEED CHANGE LANE.
STA. 0+00 ± TO 1+23 ± KANE ST. INSTALL 112 L.F.
24" E.S.R.C. CULVT. PIPE, STR. EXC. 124 C.Y. 131.2
STA. 6+31 ± TO STA. 7+12 ± INSTALL 80 L.F. 24" E.S.
R.C. CULVT. PIPE STUB, STUB END TO BE PLUGGED
STR. EXC. 94 C.Y. 84.8

LEGEND



TYPE "A" CAST-IN-PLACE CONC. CURB
TYPE "B" CAST-IN-PLACE CONC. CURB
TYPE "C" CAST-IN-PLACE CONC. CURB
TYPE "D" CAST-IN-PLACE CONC. CURB
TYPE "DG" CAST-IN-PLACE CONC. CURB
AND GUTTER.

M.H. No. 3 TO M.H. No. 5
INSTALL 160 L.F. 48" R.C. CULVT PIPE.
1- SPECIAL M.H.
1- TYPE "A" M.H. FRAME & COVER
STR. EXC. 377 C.Y. 328.6
CLASS "A-1" CONC. 8.1 C.Y.
REIN. STEEL 280 LBS.
48" XS RCC PIPE 48 LIN. FT.
48" SS RCC PIPE 112 LIN. FT.

65+87.29 67+12.29
STA. 66+30.55 WEST LANE TO 67+55.55
WEST LANE E.P. RIGHT CONST. 125'
SPEED CHANGE LANE.

STA. 4+06.74

STA. 4+06.83

NOTE:
FOR LAYOUT AND DETAILS OF DRAINAGE
SYSTEM, SEE SHEETS NOS. 5748.8 & 9
FOR LAYOUT AND DETAILS OF INDUSTRIAL
TRACK CROSSINGS AND RAILROAD
RELOCATION, SEE SHEETS NOS. 5748.2 & 10

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
INTERSECTION DETAILS
BEACH RD - KANE ST.
AND
MAIN STREET
PROJ. NO. F 032(2)
SCALE: 1" = 20' MAR. 1955
SHEET NO. 2 OF 4 SHEETS

TRANSITION NORTH LANE TO EXIST. PAV'T. REVERSE CURVE DATA

E. R. LEFT	E. R. RIGHT
$\Delta = 22^{\circ}-08'-26''$	$\Delta = 18^{\circ}-31'-14''$
$R = 366.16'$	$R = 434.45'$
$T = 71.64'$	$T = 70.83'$
$L = 141.43'$	$L = 140.43'$

M.H. No. 1 to M.H. No. 2
STA. 7+12 TO STA. 10+06 ± AND STA. 10+06 ±
TO STA. 13+16 ± INSTALL 564 LIN. FT. 36"
S.S. R.C. CULVT PIPE & 32 L.F. E.S. R.C. CULVT PIPE
STR. EXC. 7.97 C.Y. 749.3

C.D.I. No. 1
INV. ELEV. 3.25

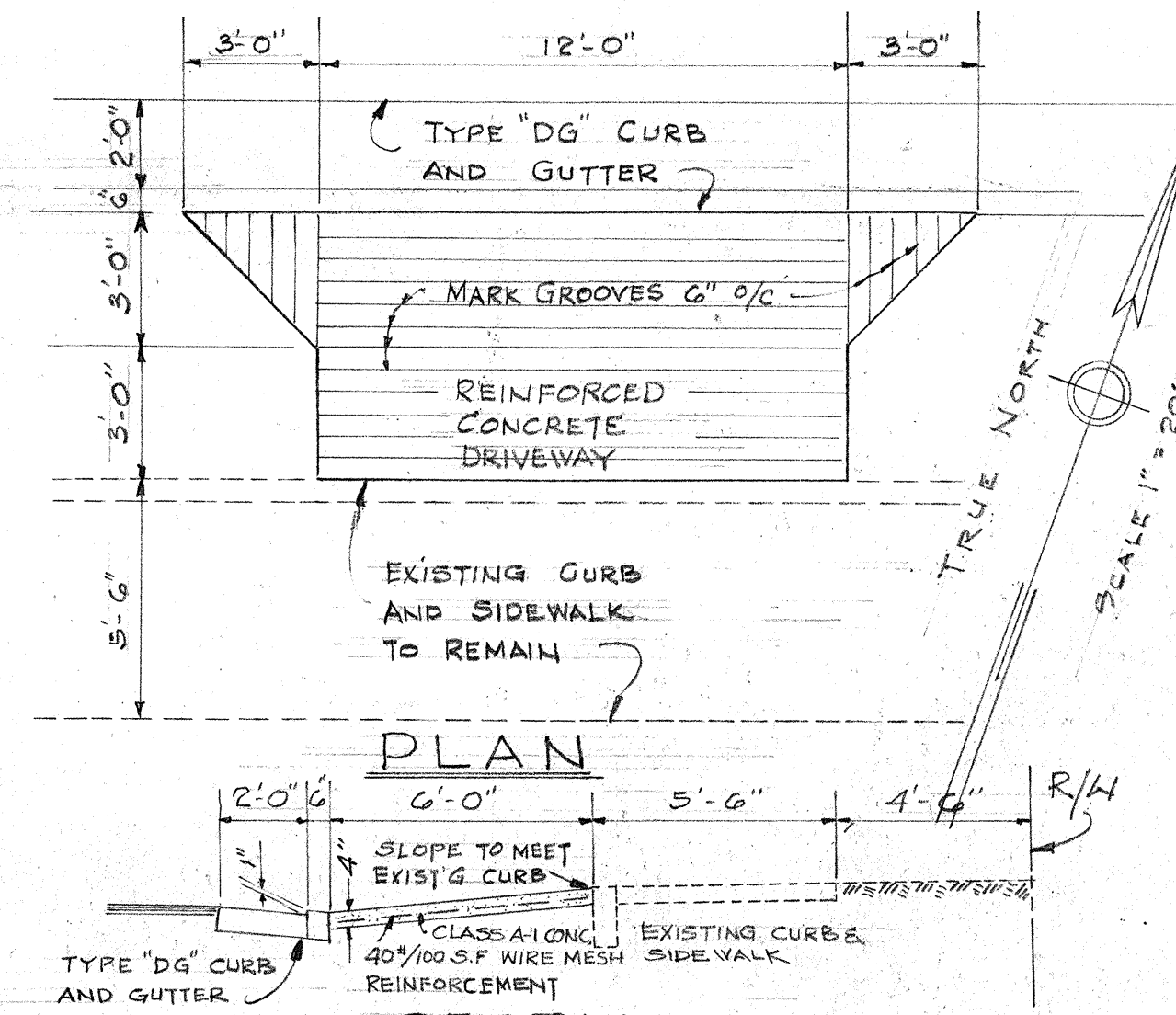
M.H. No. 2
INV. ELEV. 1.25
TOP ELEV. 8.63

C.D. No. 2
INV. ELEV. 3.00
TOP ELEV. 7.98

REVERSE CURVE DATA FOR SOUTH LANE E. R. LEFT

$\Delta = 6^{\circ}-52'-06''$
$R = 1,463.36'$
$T = 87.80'$
$L = 175.42'$

STA. 7+43 ± TO STA. 12+93 ± MEDIAN STRIP
CONST. TYPE "A" CAST-IN-PLACE CONC. CURB
TYPE "C" CAST-IN-PLACE CONC. CURB & TYPE "A" PRECAST CONC. CURB
AS DIRECTED BY THE ENGINEER, FOR DETAILS SEE SHT. NO. 574B. 17
TYPE "A" PRECAST CONC. CURB - 422 L.F.
TYPE "A" CAST-IN-PLACE CONC. CURB - 64 L.F.
TYPE "C" CAST-IN-PLACE CONC. CURB - 12 L.F.
SODDED AREA - 8,740 S.F. TOP SOIL - 104 C.Y.



REINFORCED CONC. DRIVEWAY STA. 12+90 Scale: 1/4" = 1' 0"

HDWL. NO. 1 TO M.H. NO. 1
STA. 13+00 TO STA. 13+60 INSTALL 58 LIN. FT. 36"
S.S. R.C. PIPE CULVT. 1-CONC. HEADWALL.
CLASS B-1 CONC. 2.7 C.Y.
REINF. STEEL 60 LBS.
STR. EXC. 36.045 C.Y.

STA. 13+16 INSTALL 50 LIN. FT. 24" E.S. R.C.
PIPE CULVT, INCLUDING STUB. 1-TYPE "A" C.B.,
1-SPECIAL M.H., 2-TYPE "B" M.H. FRAME & COVER
CLASS A-1 CONC. 11.0 C.Y.
REINF. STEEL 265 LBS.
STR. EXC. 56.0 C.Y.

NOTE:
STUB END TO BE PLUGGED.

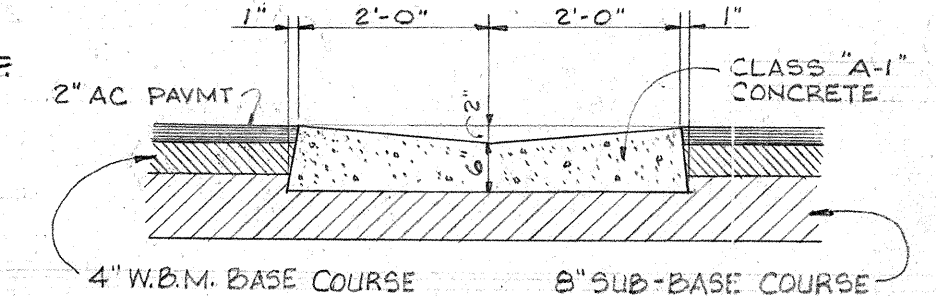
M.H. No. 1
INV. ELEV. 2.04
TOP ELEV. 7.39

HDWL. NO. 1
INV. ELEV. 2.10

PAV'T. MARKINGS
BY OTHERS

END CONTRACT STA. 13+76

STA. 12+90 CONSTRUCT REINF.
CONC. DRIVEWAY - 80 S.F.
SEE DETAIL ABOVE.
STA. 12+55 ± TO 13+76 SOUTH LANE
RIGHT CONST. TYPE "DG" CAST-IN-PLACE
CONC. CURB AND GUTTER, 123 L.F.
TYPE "D" CAST-IN-PLACE CONC. CURB 9 L.F.
STA. 11+53 ± TO STA. 12+55 ± SOUTH LANE
RIGHT - CONSTRUCT CONC. INVERT. TO BE
PAID FOR AS CLASS "A-1" CONCRETE.
SEE DETAIL AT RIGHT.
CLASS "A-1" CONC. - 4.3 C.Y.



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

INTERSECTION DETAILS

STA. 7+00 TO 13+76

KAHULUI APPROACH

PROJ. NO. F032(2)

SCALE: 1" = 20' MAR. 1955

SHEET No. 3 OF 4 SHEETS

5748.6

WEST LANES STA. 67+77 ±
CONSTRUCT INDUSTRIAL
TRACK CROSSINGS.

RELOCATED R.R. TRACK

NORTH LANES

SOUTH LANES

EXIST. PAV'T. TO BE SCARIFIED

EXIST. CURB AND SIDEWALK TO REMAIN

STA. 7+99.72 TO 11+53 SOUTH LANE
RIGHT CONST. TYPE "DG" CAST-IN-PLACE
CONC. CURB AND GUTTER
287 L.F.

STA. 9+36 TO 10+26 CONSTRUCT
90' SPEED CHANGE LANE.

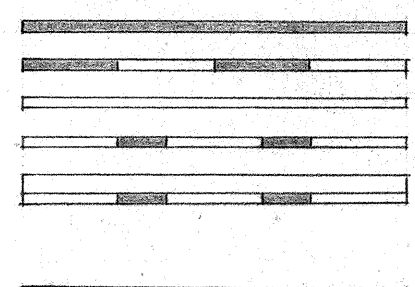
STA. 10+06 INSTALL 104 LIN. FT. 24" E.S. R.C.
PIPE CULVT. 1-TYPE "C" C.B. 1-C.D.I.,
1-SPECIAL M.H., 2-TYPE "B" M.H. FRAME
AND COVER.

CLASS B-1 CONC. 1.7 C.Y.
STR. EXC. 114.049 C.Y.

CLASS "A-1" CONC. 11.1 C.Y.
REINF. STEEL 235 LBS.

NOTE:
EXISTING CURB AND SIDEWALK
TO REMAIN UNLESS OTHERWISE NOTED.
TYPE "D" CAST-IN-PLACE CONC. CURB 9 L.F.

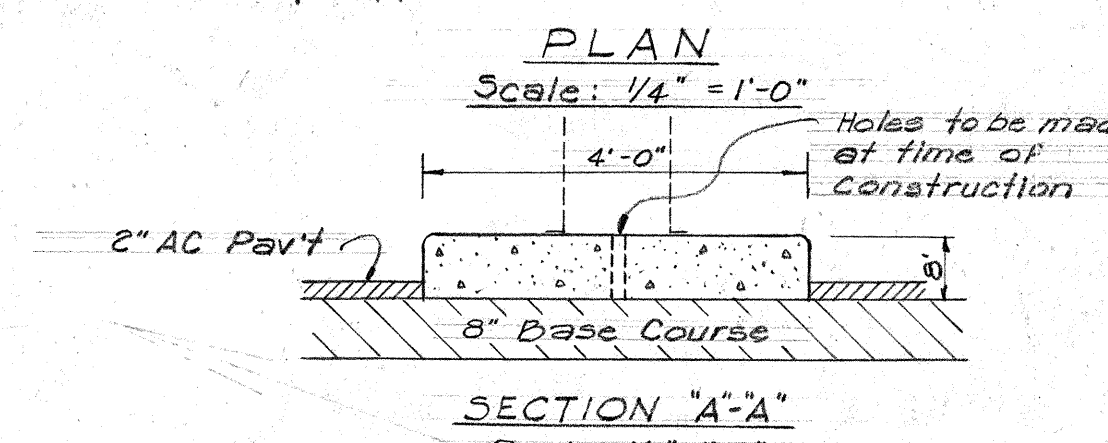
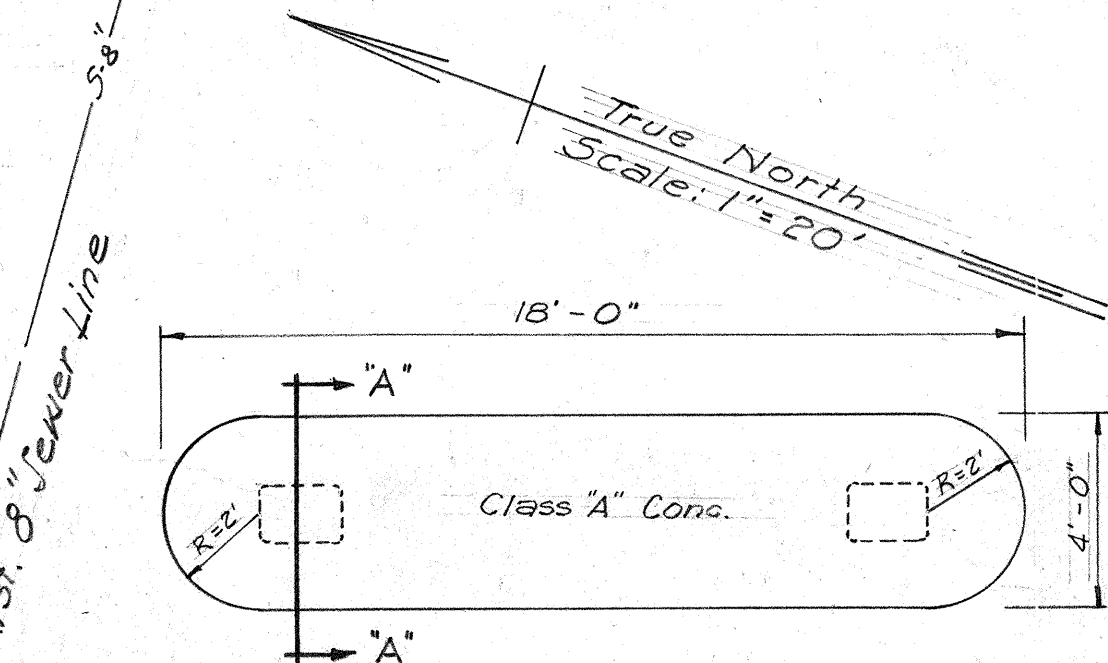
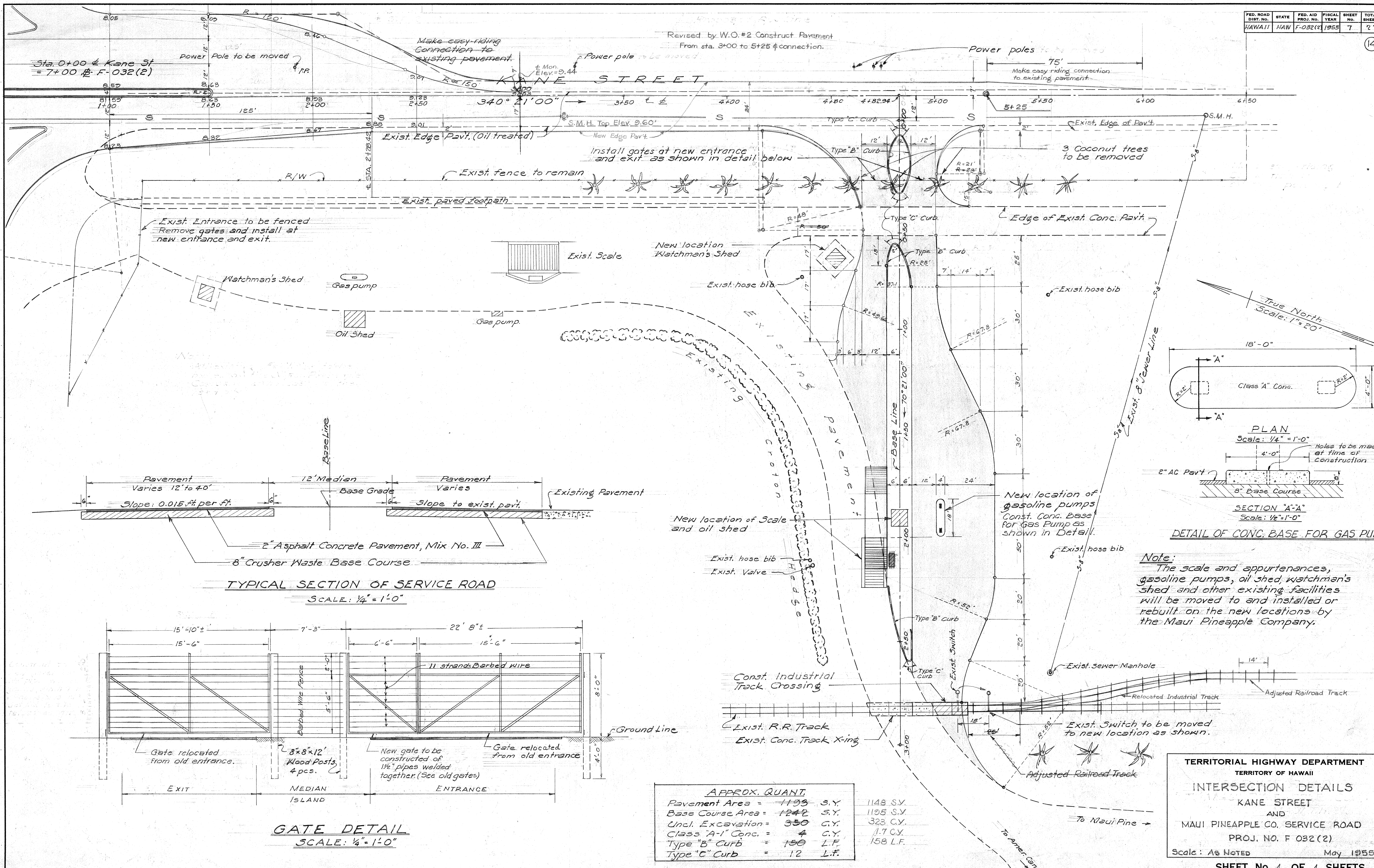
LEGEND



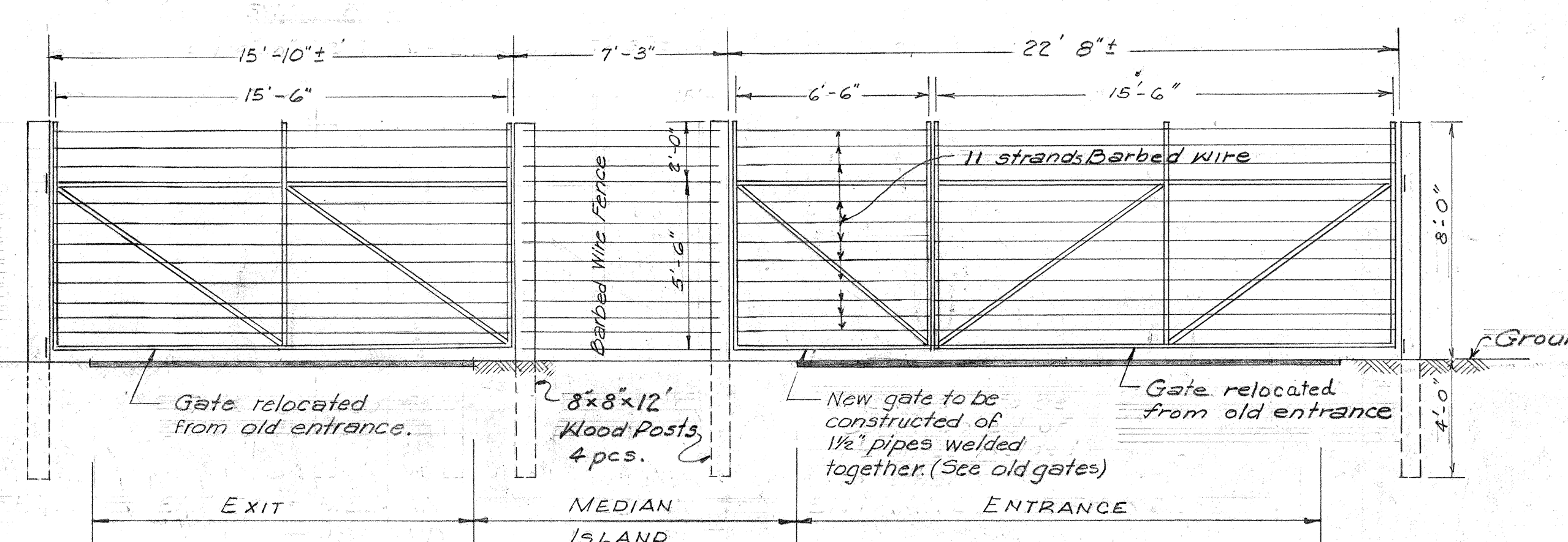
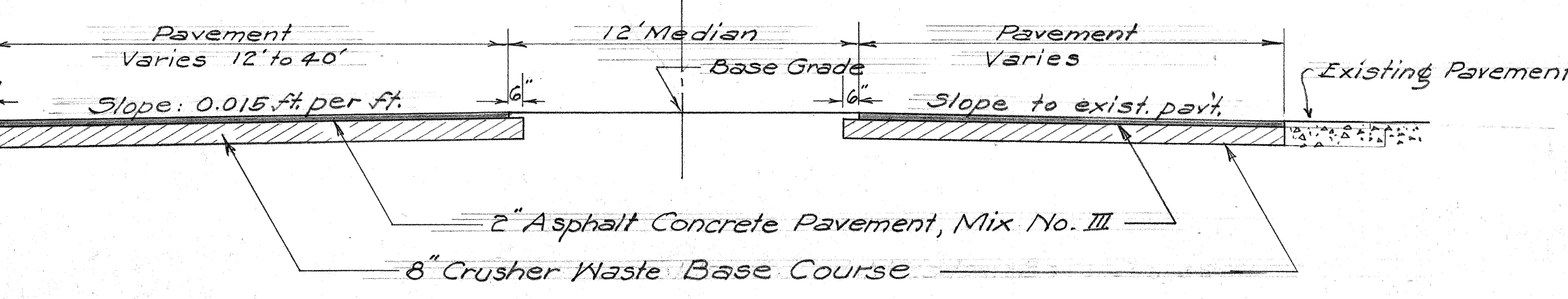
TYPE "A" CAST-IN-PLACE CONC. CURB
TYPE "B" CAST-IN-PLACE CONC. CURB
TYPE "C" CAST-IN-PLACE CONC. CURB
TYPE "D" CAST-IN-PLACE CONC. CURB
TYPE "DG" CAST-IN-PLACE CONC. CURB
AND GUTTER

TYPE "A" PRECAST CONCRETE CURB.

DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
ORIGINAL PLAN: _____
NOTE BOOK: _____
NO. _____



Note:
The scale and appurtenances, gasoline pumps, oil shed, watchman's shed and other existing facilities will be moved to and installed or rebuilt on the new locations by the Maui Pineapple Company.



APPROX. QUANT.			
Pavement Area	= 1193	S.Y.	1148 S.Y.
Base Course Area	= 1242	S.Y.	1195 S.Y.
Uncl. Excavation	= 350	C.Y.	323 C.Y.
Class 'A-1' Conc.	= 4	C.Y.	1.7 C.Y.
Type 'B' Curb	= 150	L.F.	158 L.F.
Type 'C' Curb	= 12	L.F.	

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
INTERSECTION DETAILS
KANE STREET
AND
MAUI PINEAPPLE CO. SERVICE ROAD
PROJ. NO. F 032(2)
Scale: As NOTED May 1955

ORIGINAL
DESIGNED BY
TRACED BY
NOTE BOOK
QUANTITIES BY
CHECKED BY
No.