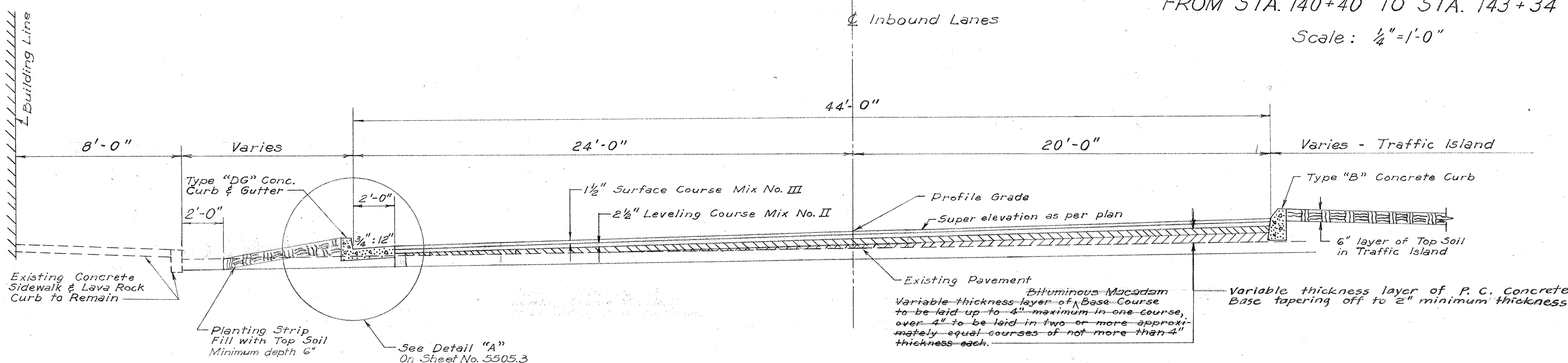
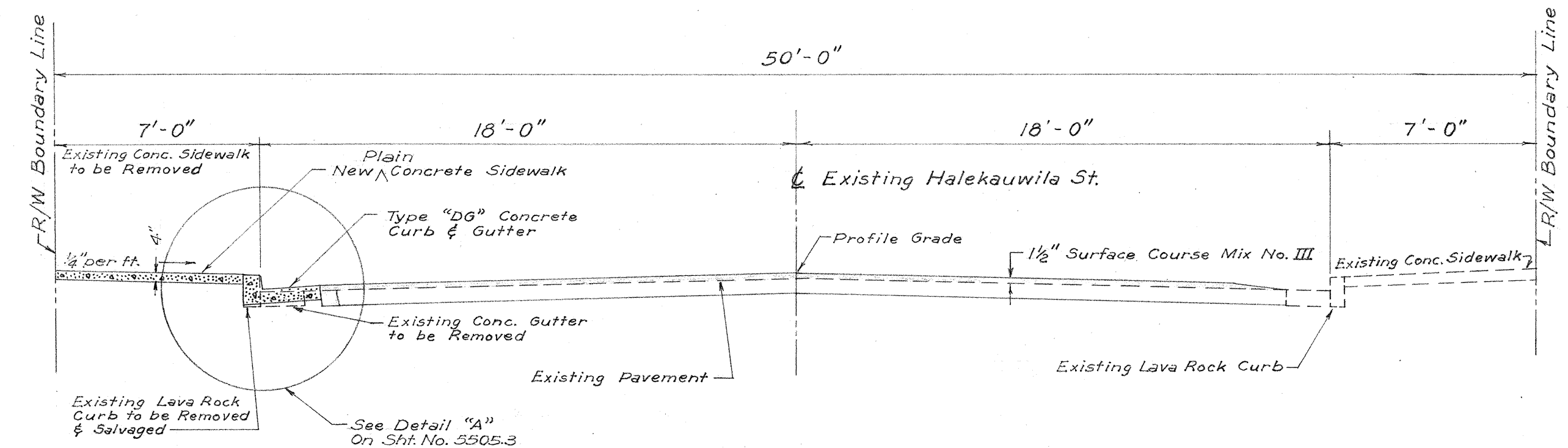


TYPICAL SECTION ON HALEKAUWILA STREET
FROM STA. 140+40 TO STA. 143+34
Scale: 1/4" = 1'-0"

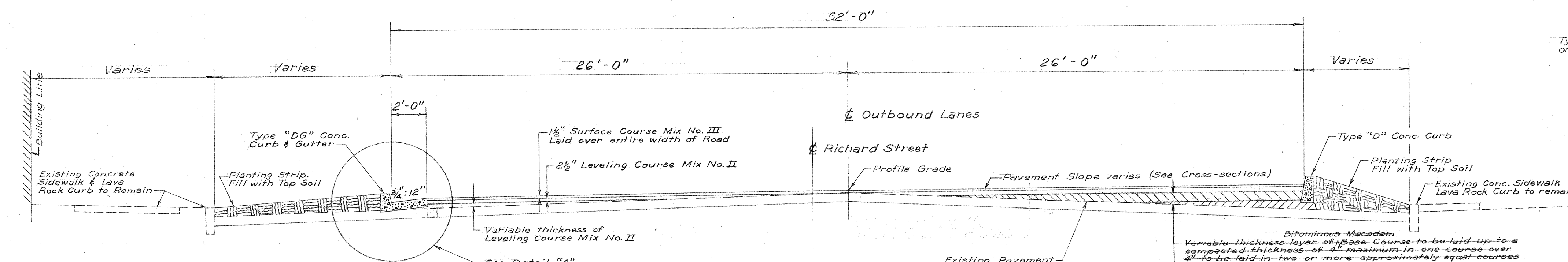


TYPICAL SECTION ON CURVE
BISHOP STREET AT ALA MOANA
Scale: 1/4" = 1'-0"

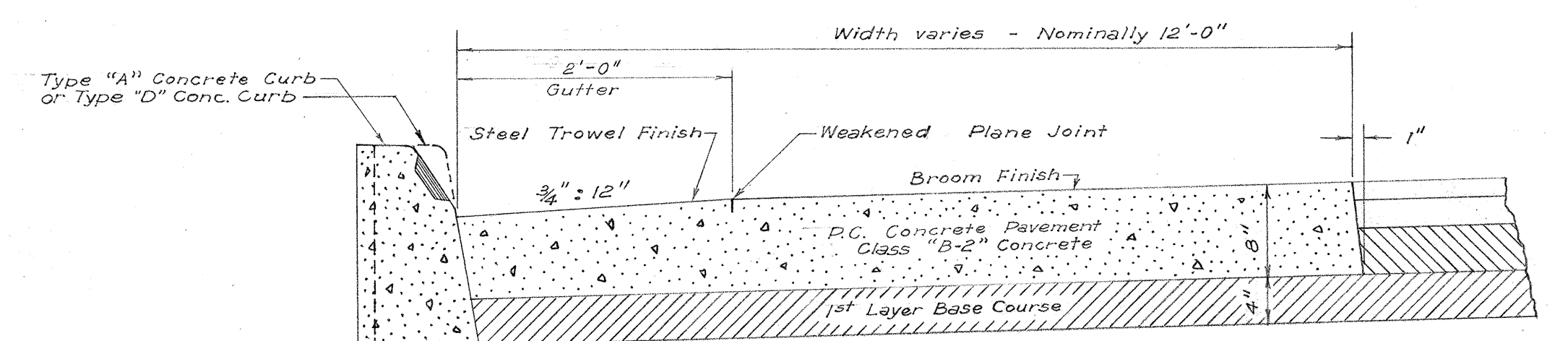
NOTE:
Bituminous (2 Application) Macadam Base Course to be placed in one or more layers of 4" maximum compacted thickness consisting of mineral aggregate (coarse rock size no. 2 "2 1/2" to 3/4", or size no. 3 "2" to 3/4", or size no. 4 "1 1/2" to 3/4" depending upon the thickness required); 0.05 to 0.90 gal./sq. yd. Bituminous Binder (85-100 penetration hot asphalt); 0.40 cu./sq. yd. Key Stone (size no. 6 "3/4" to 1 1/2"); 0.20 to 0.50 gal./sq. yd. Bituminous Binder; 0.004 cu./sq. yd. Chips (size no. 8-16 to no. 24) top layer only.



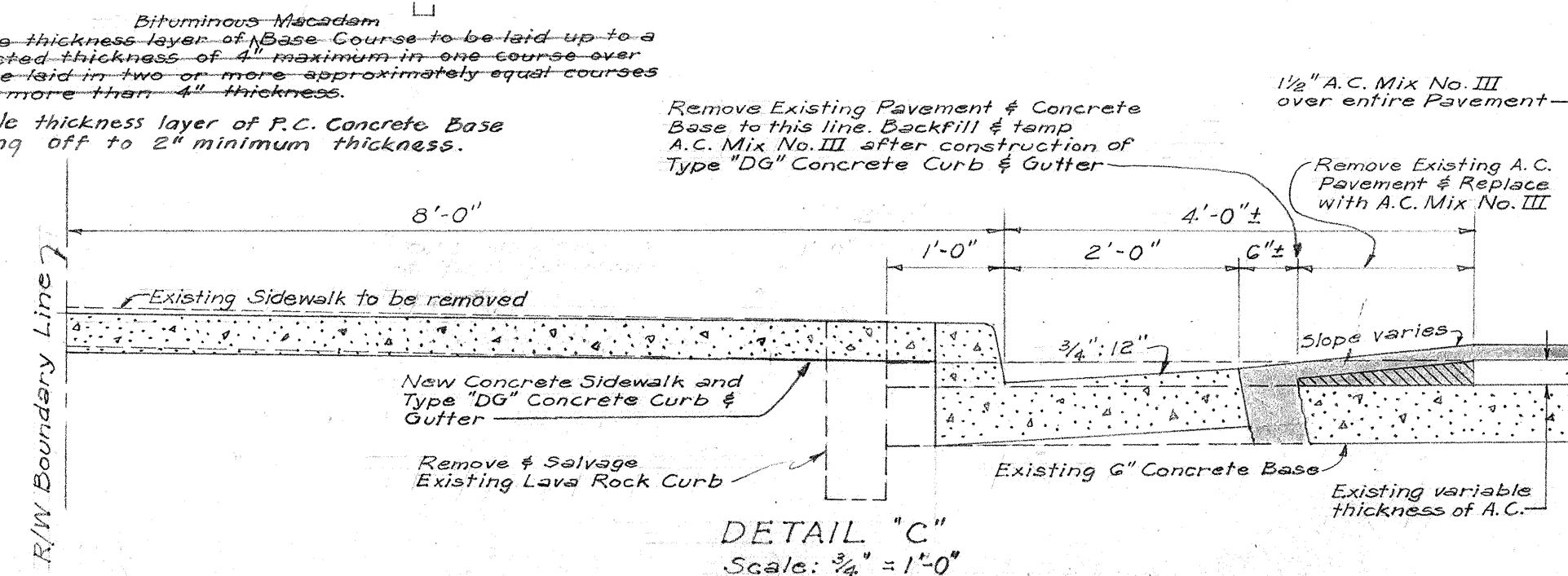
TYPICAL SECTION ON HALEKAUWILA STREET
FROM BISHOP STREET TO ALAKEA STREET
Scale: 1/4" = 1'-0"



TYPICAL SECTION ON RICHARDS STREET
- HALEKAUWILA STREET TO ALA MOANA
Scale: 1/4" = 1'-0"



DETAIL OF GUTTER AT CONCRETE PAVEMENT
Scale: 1" = 1'-0"



DETAIL 'C'
Scale: 1/4" = 1'-0"

REVISED 2/5/52

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

TYPICAL SECTIONS
HONOLULU-PEARL HARBOR ROAD
HALEKAUWILA-ALA MOANA SECTION
PROJECT NO. U 44 (G)

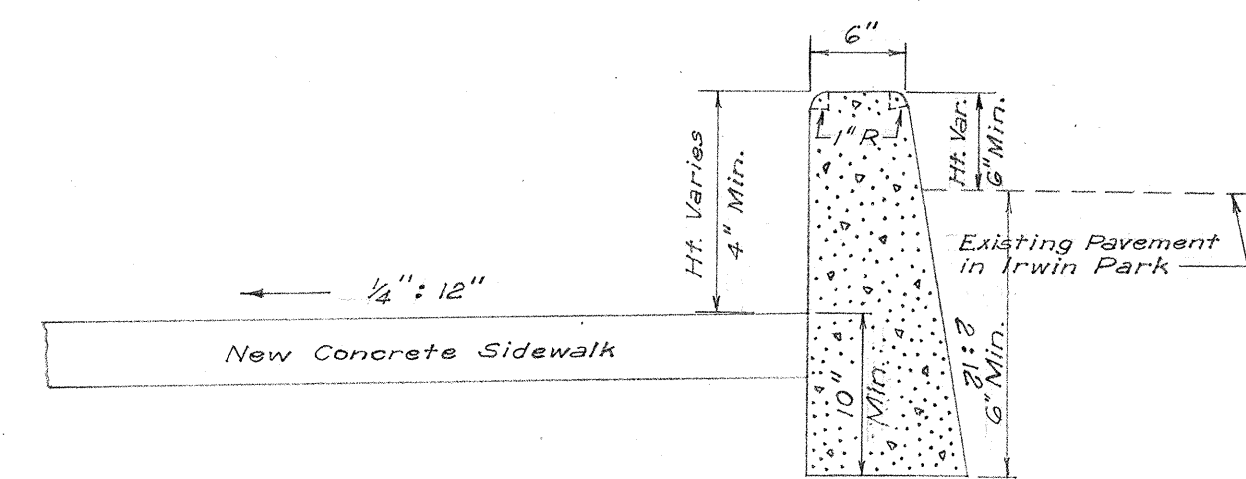
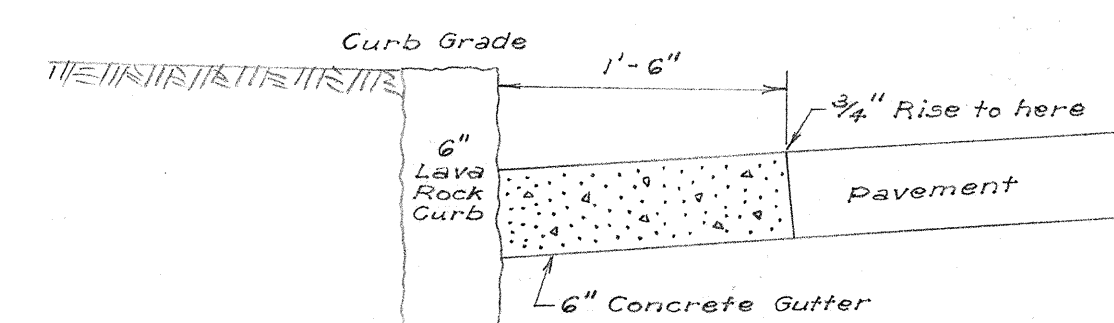
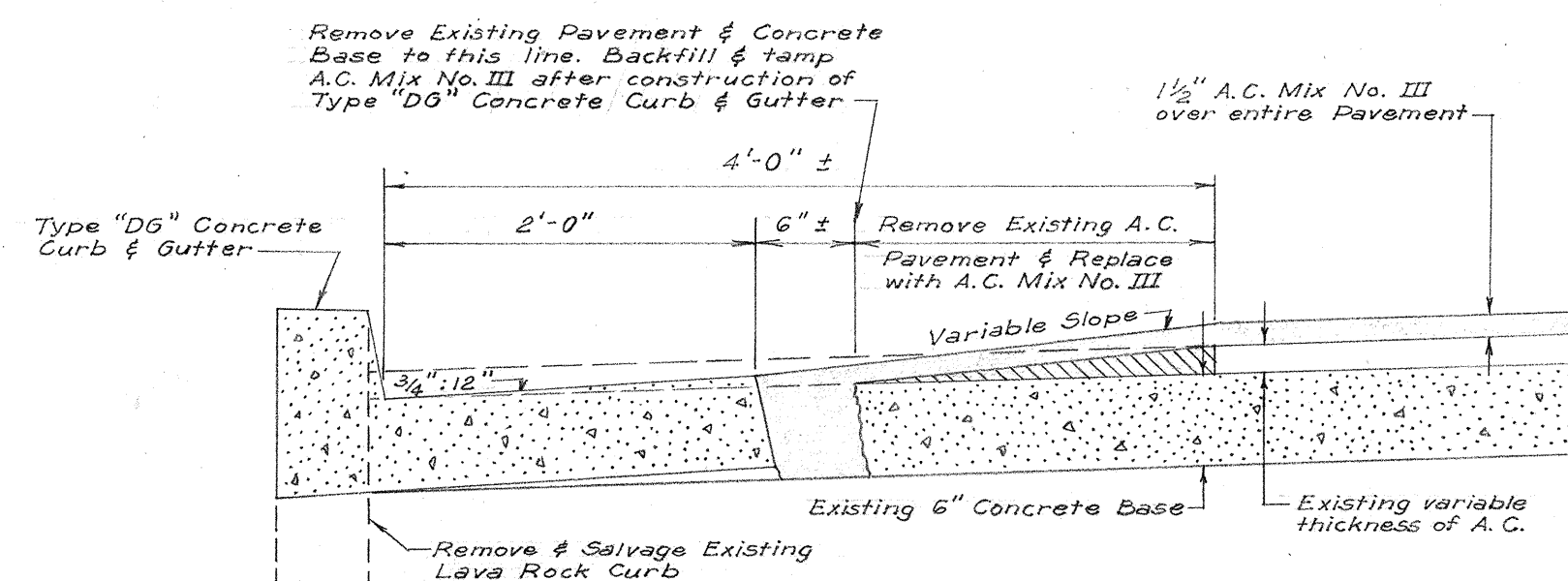
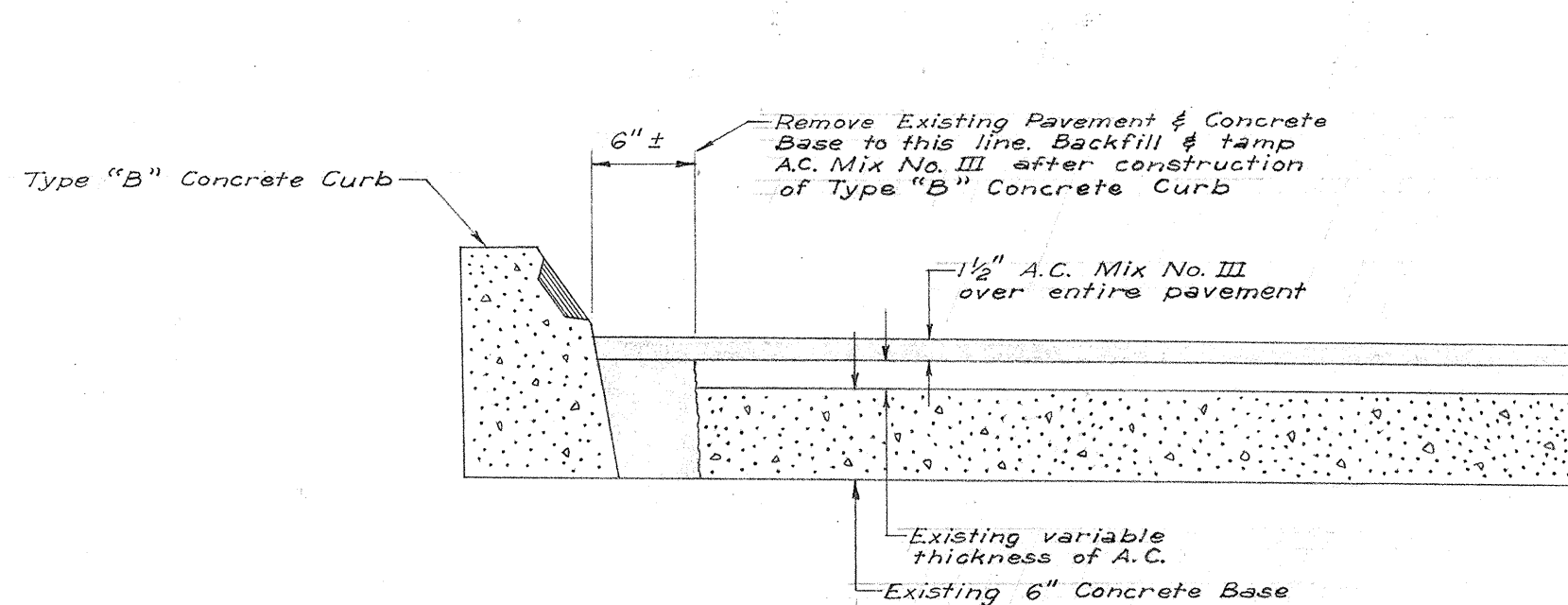
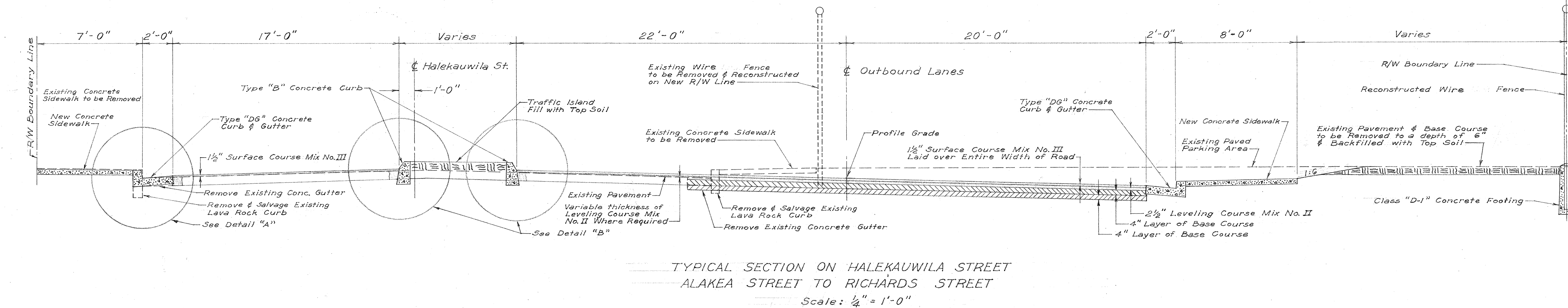
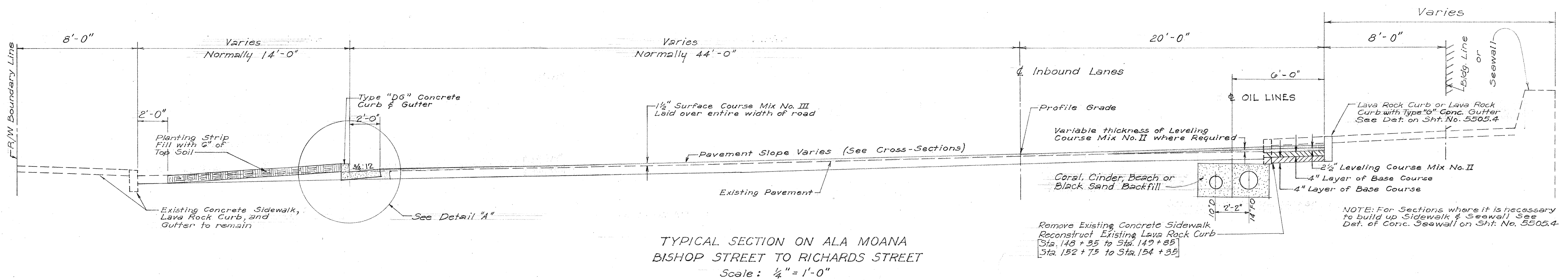
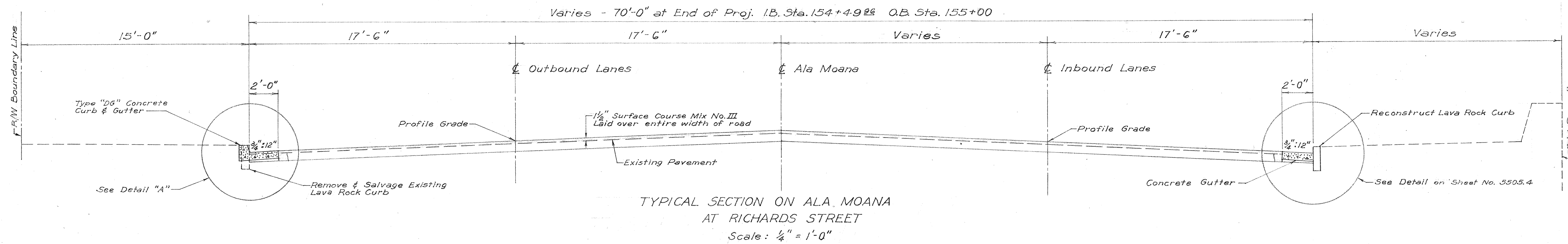
Scale: As Noted April 1951

SHEET NO. 1 OF 3 SHEETS

5505.2

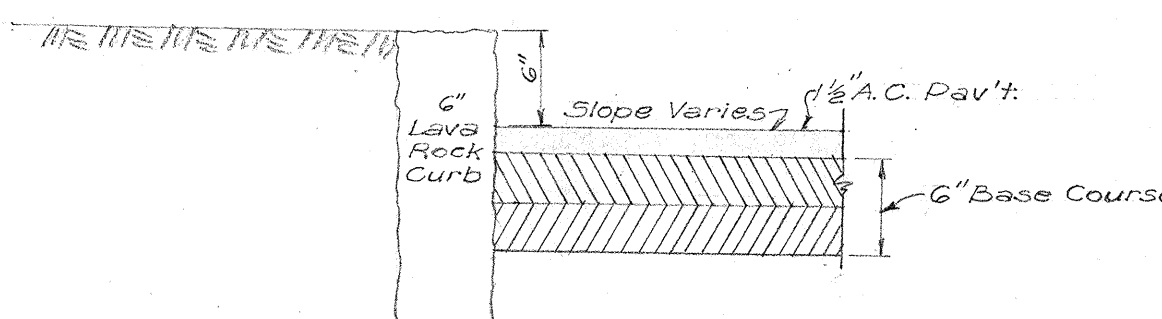
DATE: _____
SURVEY PLOTTED BY: _____
DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
NOTE BOOK NO. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	U44(G)	1951	3	44



GENERAL NOTES:

- Asphalt Concrete Pavement shall be 4" thick when fully compacted, laid in two courses: a 2 1/2" Leveling Course using Mix No. II or Mix No. III and a 1 1/2" Surface Course using Mix No. III. If Mix No. III is used instead of Mix No. II for Leveling Course, the tonnage of Mix No. III used shall be paid for under Contract Item No. 42(1).
- Surface of existing pavement shall be broomed and given a tack coat of 0.25 gal. per sq. yd. of Emulsified Asphalt before laying variable thickness of Mix No. II or Mix No. I Leveling Course or Mix No. III Surface Course where-ever the latter mix is placed directly on existing pavement.
- Prime Coat: A prime coat of Liquid Asphalt Primer shall be applied to the surface of Base Course at the rate of 0.35 gal. per sq. yd. before placing Leveling Course.
- Portland Cement Concrete Pavement shall not be reinforced with bars or wire mesh except where bar reinforcement is required by the Engineer for protection of certain substructures. No longitudinal "Contact Joints" are permitted - pavement shall be paved full width. "Weakened Plane Joints" shall be installed on approximately 30 ft centers. No "Expansion Joints" are required.
- Excavation: All excavation shall be "Class B Excavation."
- Irregularities of the existing pavement shall be leveled with Mix No. II before laying 1 1/2" Surface Course using Mix No. III.
- Where base course is to be laid directly over existing pavement, such pavement shall be prepared as described in the Special Provisions.
- Removal of existing sidewalks, pavement, and concrete base prior to construction of new sidewalk, curb and gutter and P.C. Concrete Pavement is considered as included in the item of Unclassified Excavation.

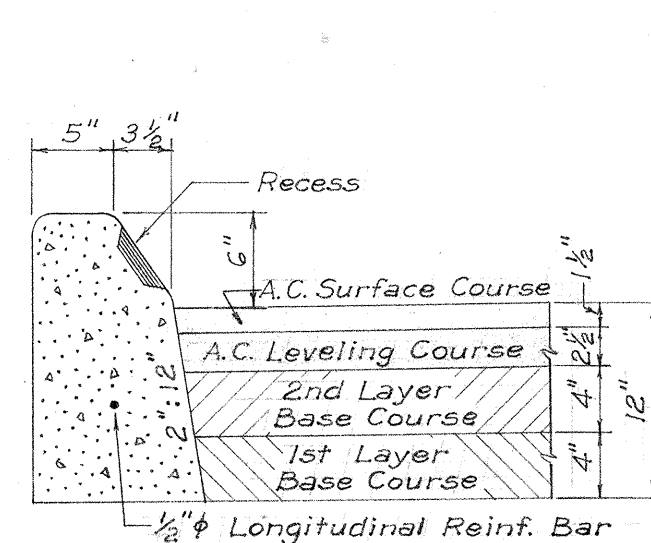


TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
TYPICAL SECTIONS
HONOLULU-PEARL HARBOR ROAD
HALEKAUWILA-ALA MOANA SECTION
PROJECT NO. U 44 (G)
Scale: As Noted April 1951

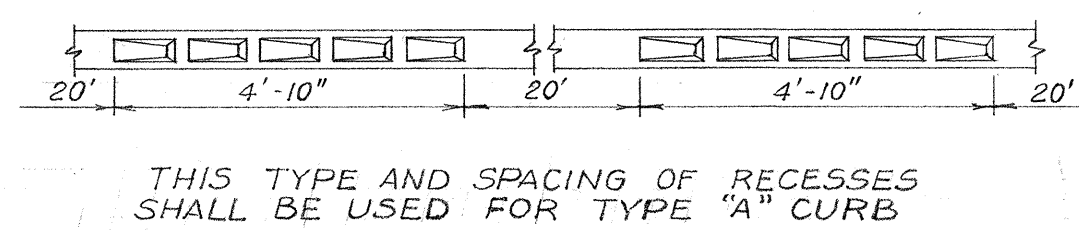
SHEET No. 2 OF 3 SHEETS

5505.3

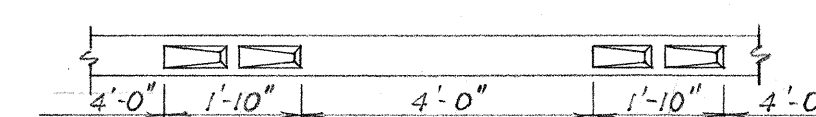
DATE	DESIGNED BY	DATE	DESIGNED BY
PLANNED BY	DESIGNED BY	PLANNED BY	DESIGNED BY
QUANTITIES CHECKED BY	QUANTITIES CHECKED BY	QUANTITIES CHECKED BY	QUANTITIES CHECKED BY
REVISIONS	REVISIONS	REVISIONS	REVISIONS



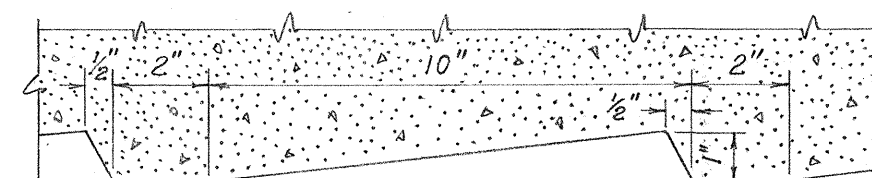
TYPE "A" & "B" CURB
Scale: 1"=1'-0"



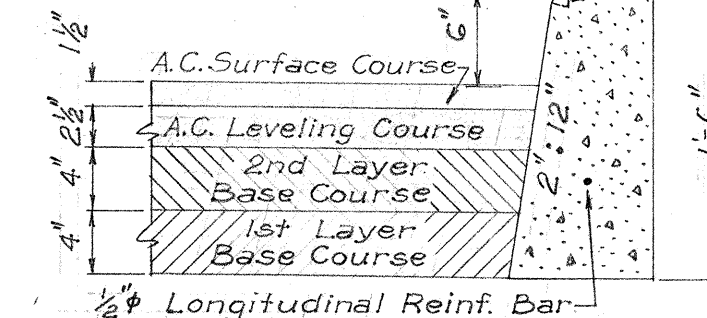
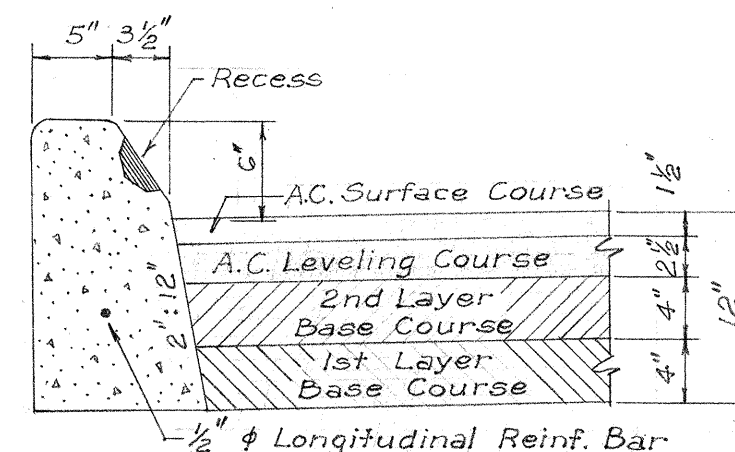
THIS TYPE AND SPACING OF RECESSES SHALL BE USED FOR TYPE "A" CURB



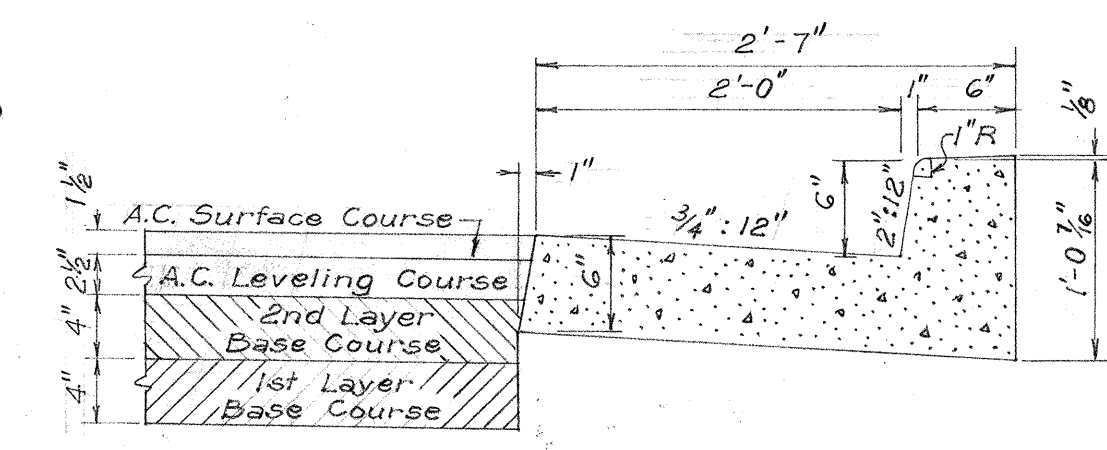
THIS TYPE AND SPACING OF RECESSES SHALL BE USED FOR TYPE "B" CURB



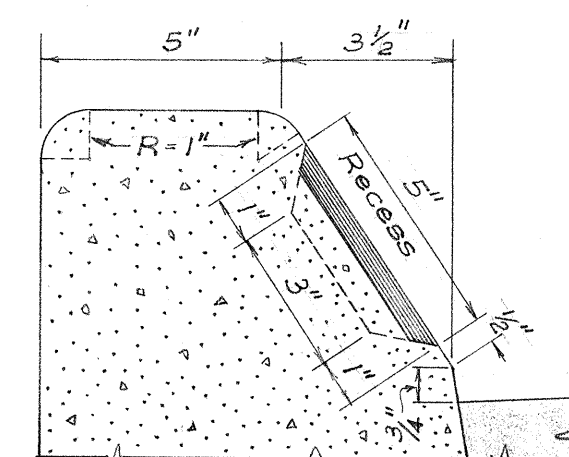
TYPE "C" CURB
Scale: 1"=1'-0"



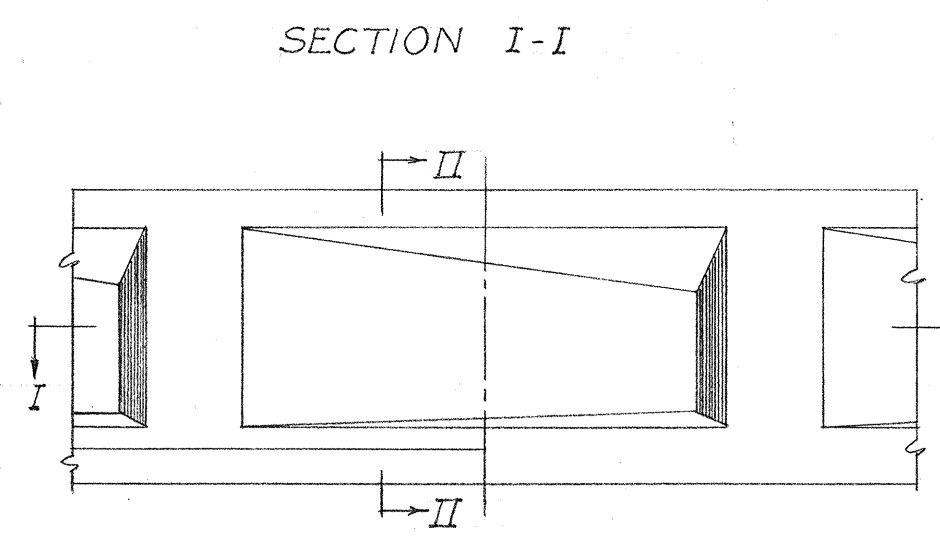
TYPE "D" CURB
Scale: 1"=1'-0"



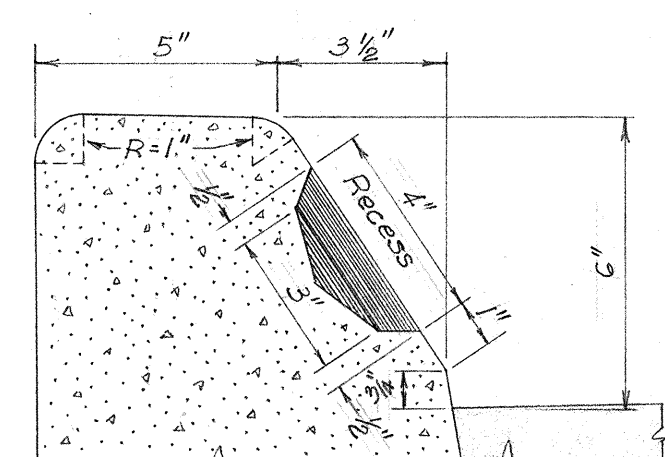
TYPE "DG" CURB & GUTTER
Scale: 1"=1'-0"



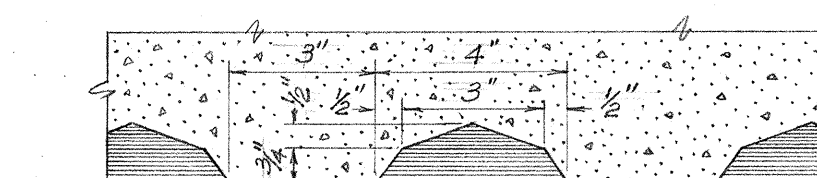
SECTION II-II
TYPE "A" & "B" CURB



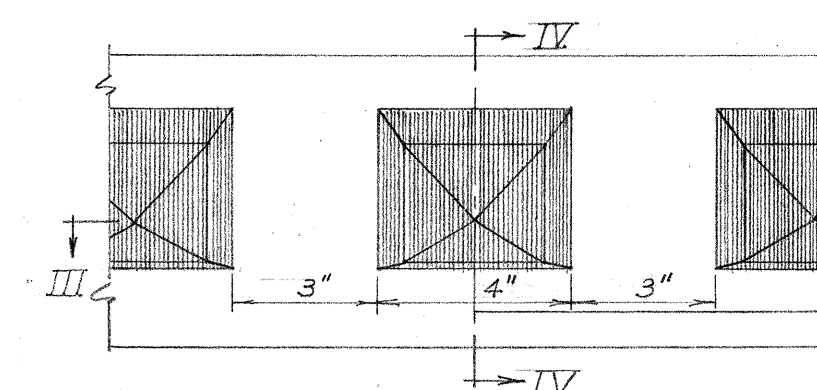
ELEVATION
Scale: 3"=1'-0"



SECTION IV-IV
TYPE "C" CURB



SECTION III-III



ELEVATION
Scale: 3"=1'-0"
THIS TYPE AND SPACING OF RECESSES SHALL BE USED FOR TYPE "C" CURB

NOTE:

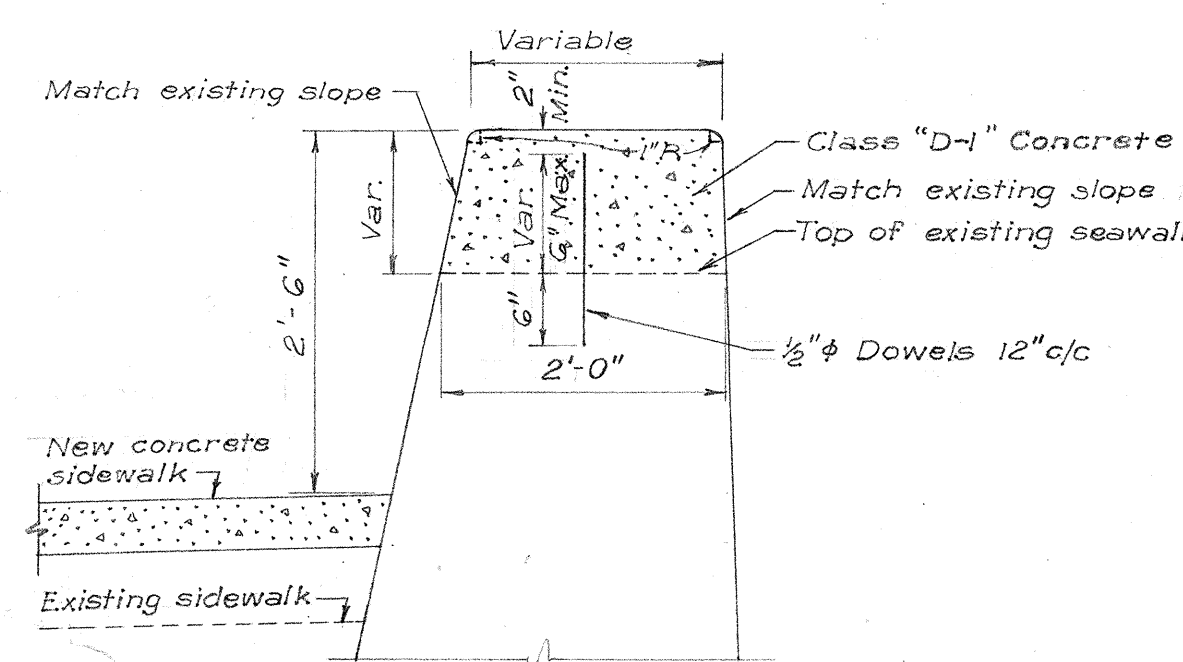
Type "DG" Concrete Curb is to be poured monolithically.

Types "A," "B," & "C" Curbs occur at median strips and traffic islands.

Shaded area in Curbs are to be painted with an approved white lacquer (One Coat)

All concrete Curbs and Gutters shown here-in are to be of Class "A-1" Concrete and cast-in-place.

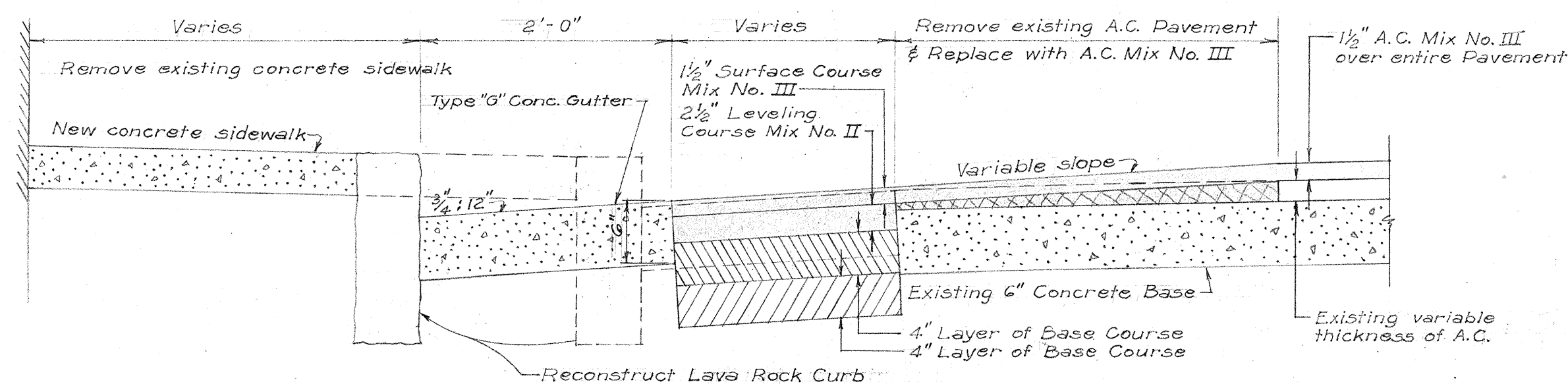
DETAILS OF CAST-IN-PLACE CONCRETE CURBS AND GUTTERS



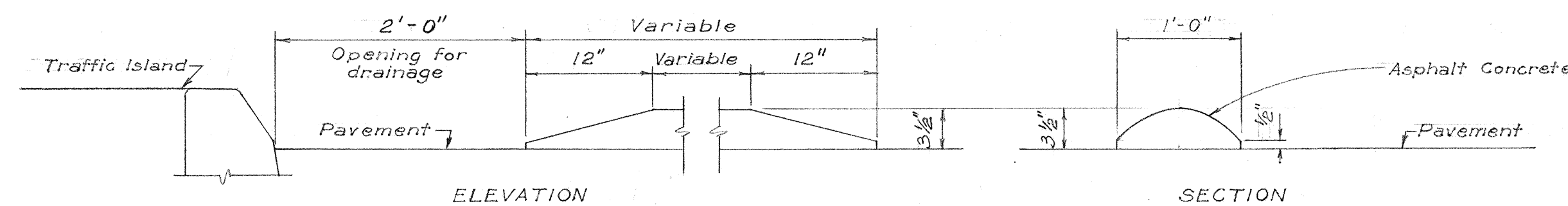
DETAIL OF CONCRETE SEAWALL
Scale: 3/4"=1'-0"

NOTE:

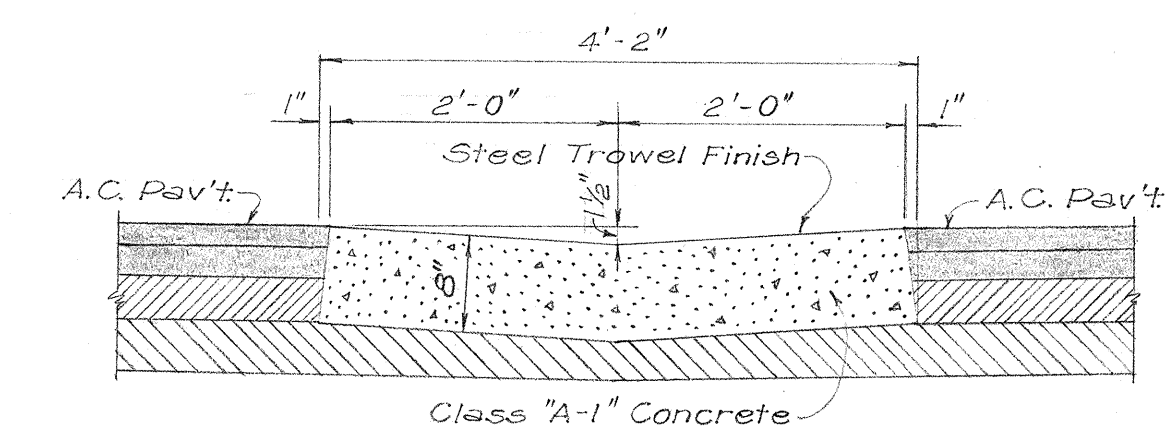
No changes shall be made to the existing seawall where the height equals or exceeds 2'-6" above the new sidewalk



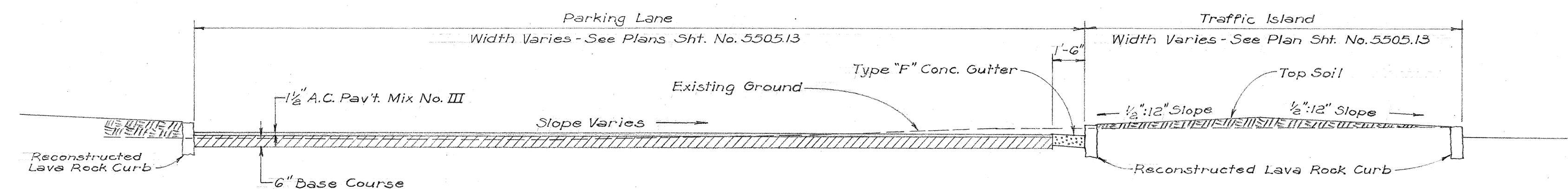
DETAIL OF TYPE "G" CONCRETE GUTTER AND LAVA ROCK CURB
Scale: 1"=1'-0"



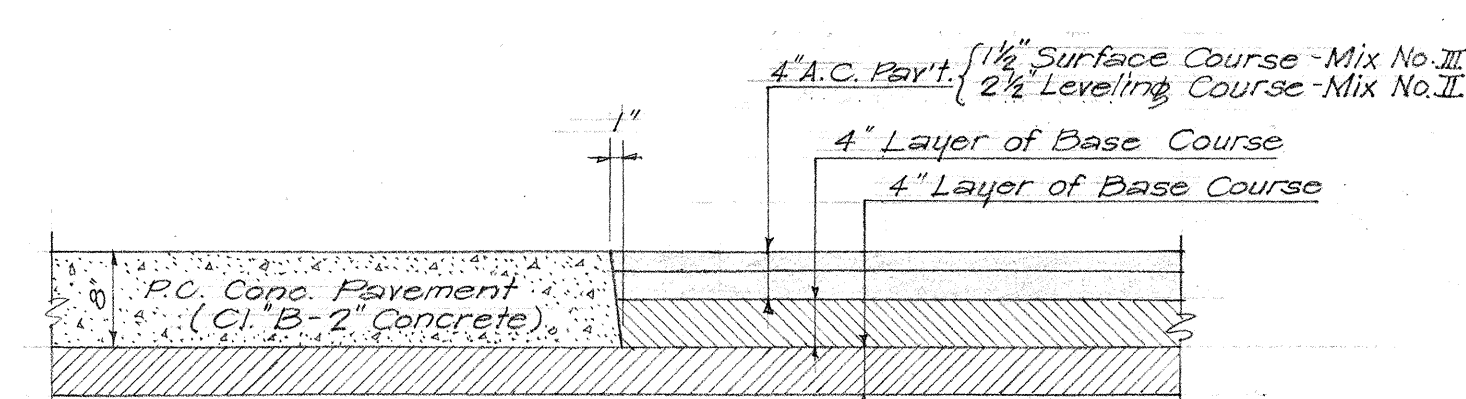
DETAIL OF A.C. ROLL
Scale: 1"=1'-0"



DETAIL OF CONCRETE INVERT (TYPE "E" CONCRETE GUTTER)
Scale: 3/4"=1'-0"



TYPICAL SECTION THROUGH IRWIN PARK PARKING LOT
Scale: 1/4"=1'-0"



TYPICAL PARTIAL SECTION AT JOINT OF P.C. CONC. PAV'T. & A.C. PAV'T.
Scale: 3/4"=1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
TYPICAL SECTIONS
HONOLULU-PEARL HARBOR ROAD
HALEKAUWILA-ALA MOANA SECTION
PROJECT NO. U 44(G)
Scale: As shown April 1951

SHEET No. 3 OF 3 SHEETS

5505.4

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