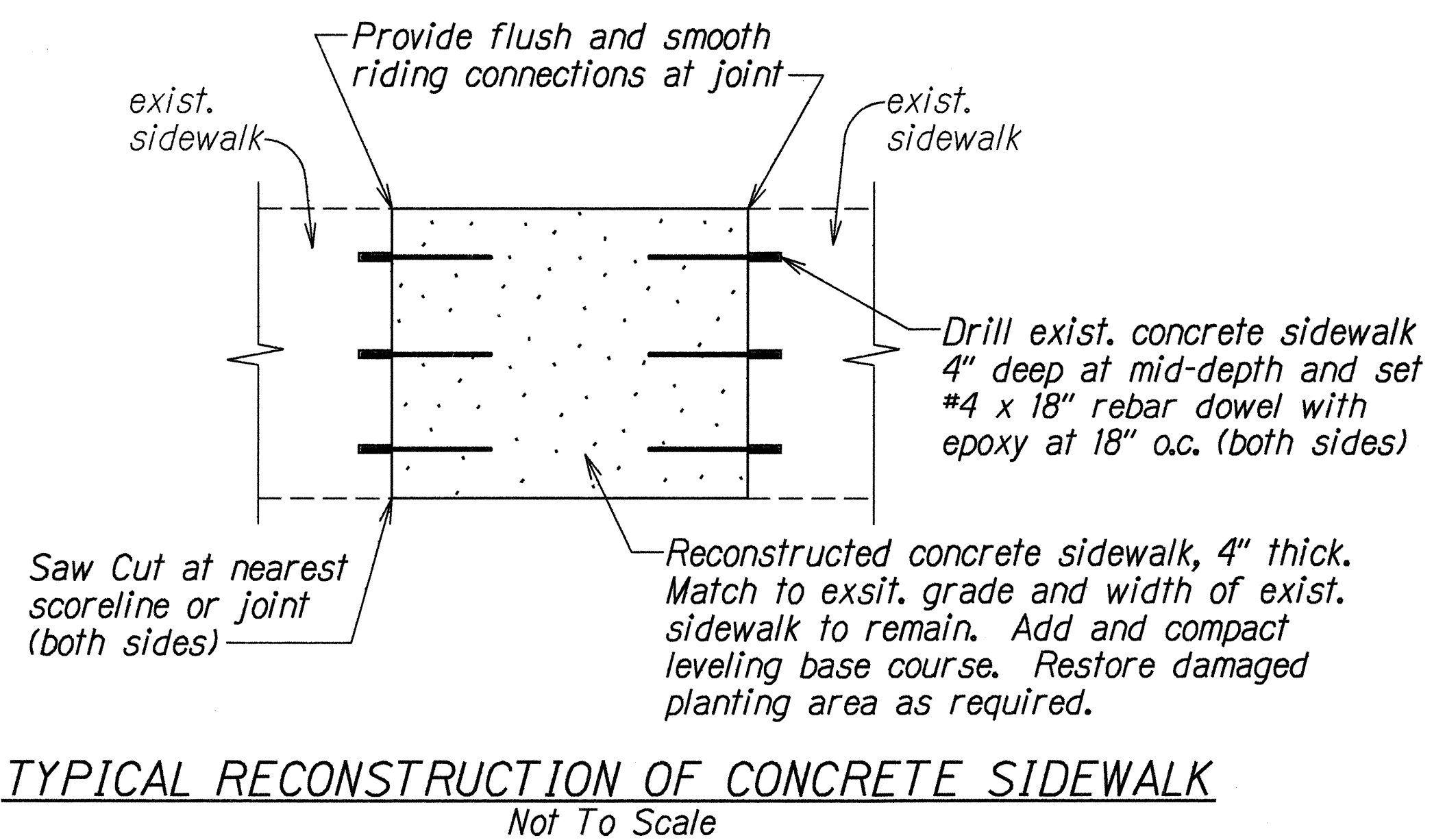
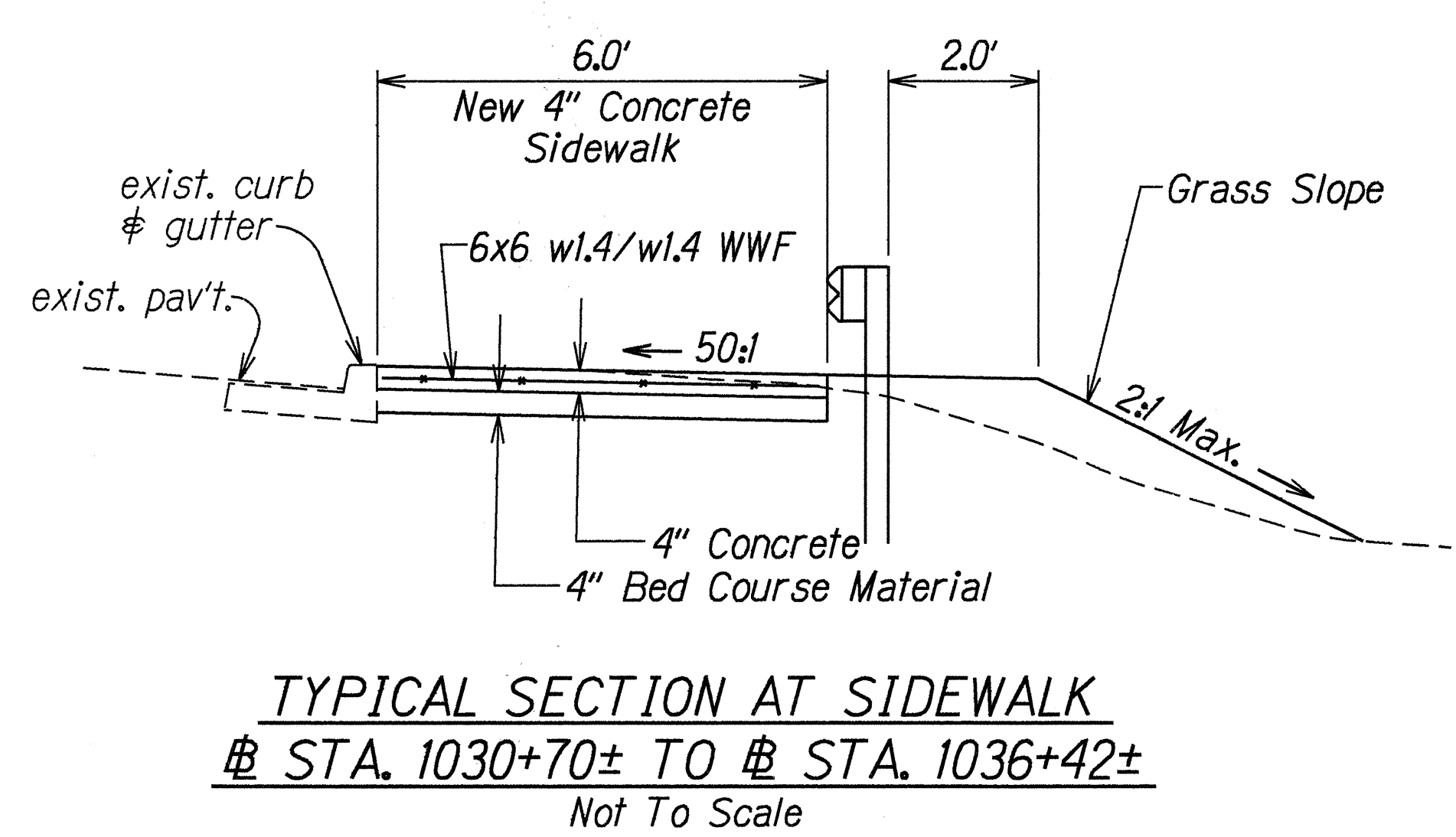
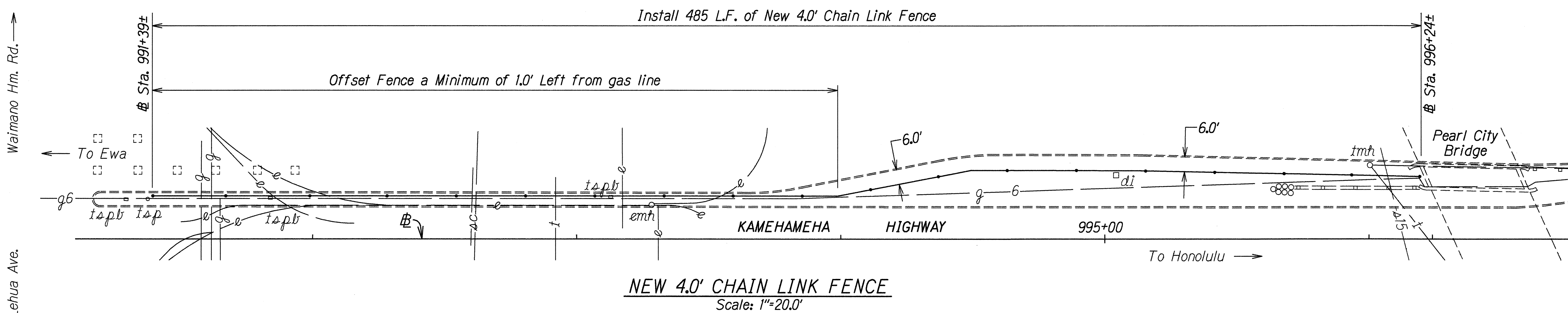
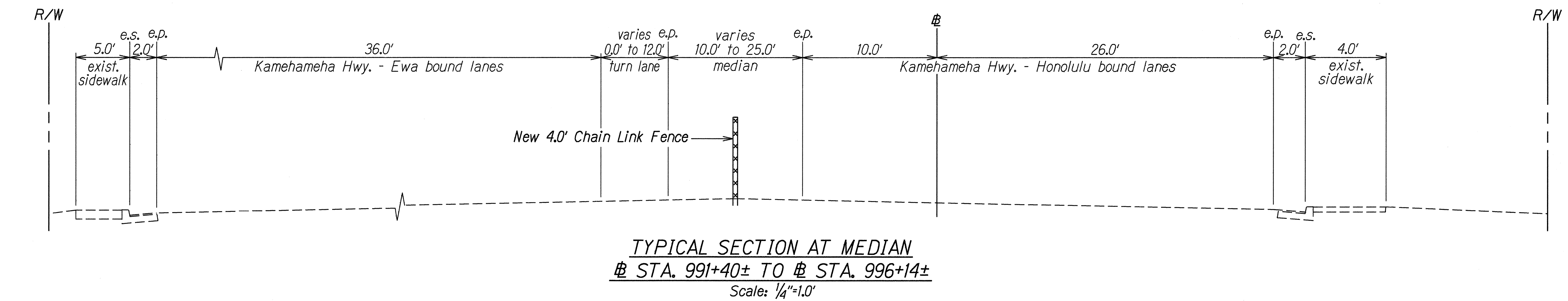


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(20)	1999	6	44

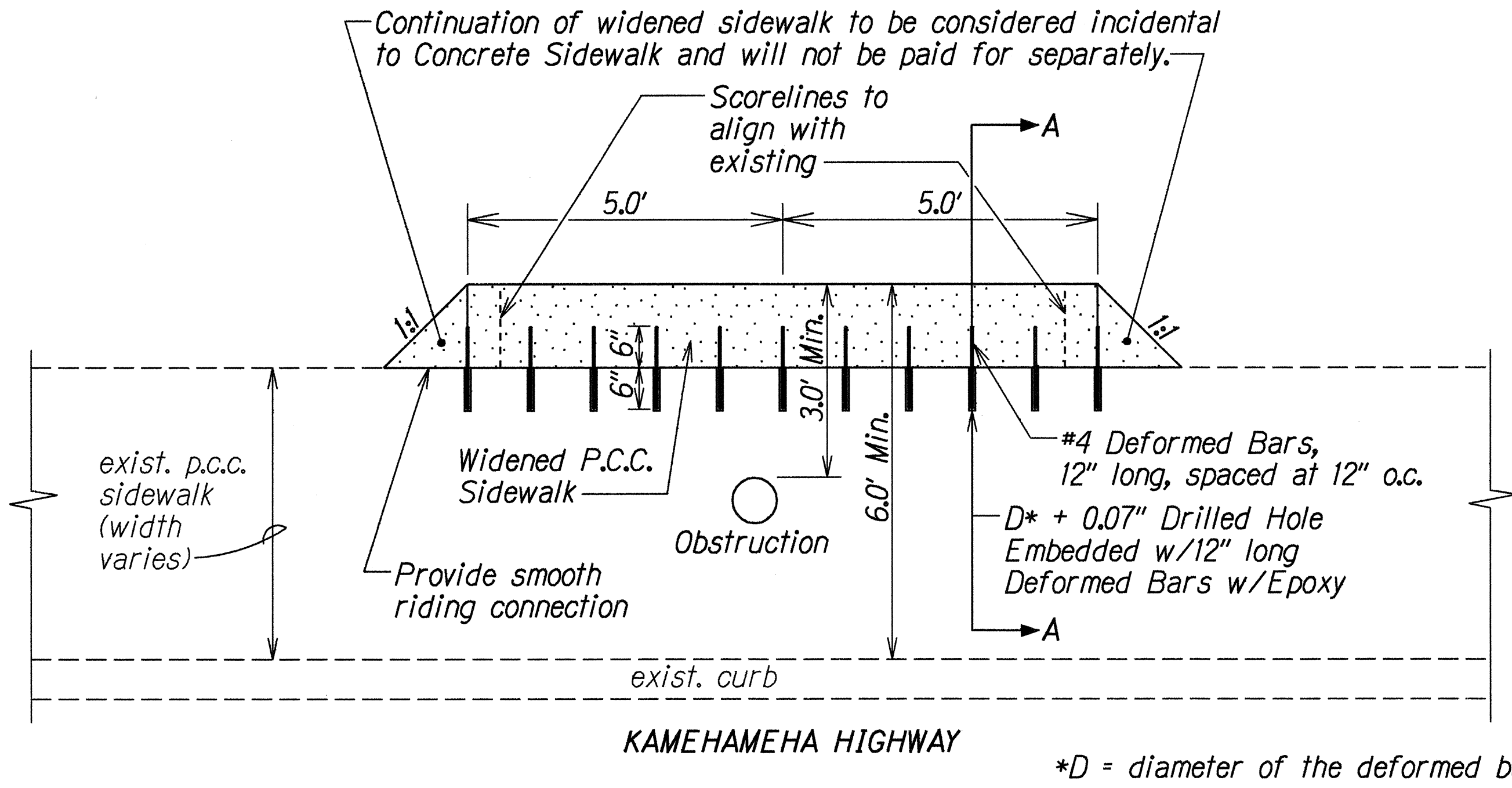


SURVEY PLOTTED BY	DATE
DRAWN BY	2/21/99
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS
KAMEHAMEHA HIGHWAY PEDESTRIAN ACCESSIBLE ROUTE IMPROVEMENTS
Acacia Road to Honomanu Street
Fed. Aid Project No. STP-099-1(20)
Scale: As Shown Date: March 1999
SHEET No. 1 OF 5 SHEETS

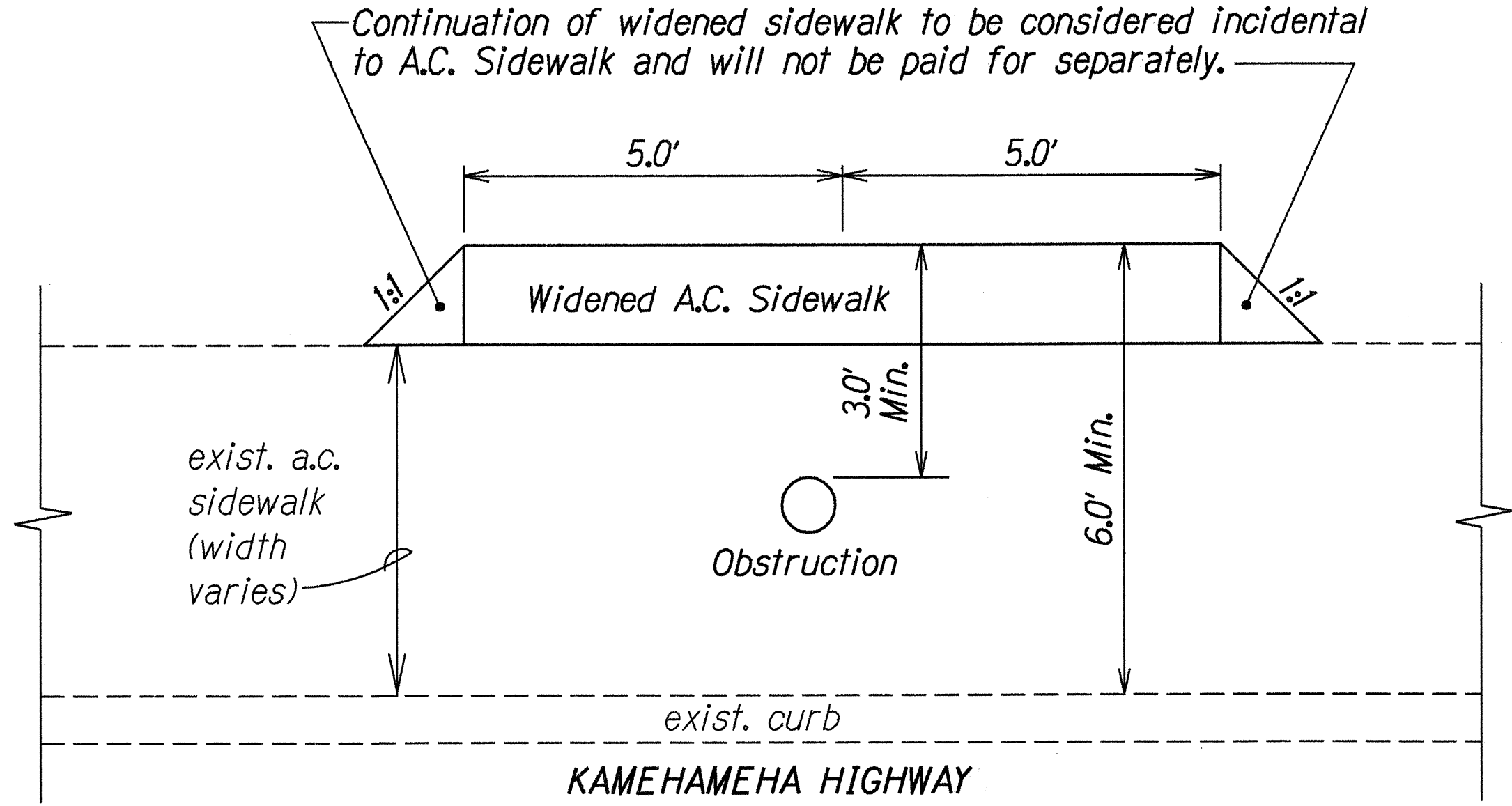
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(20)	1999	7	44



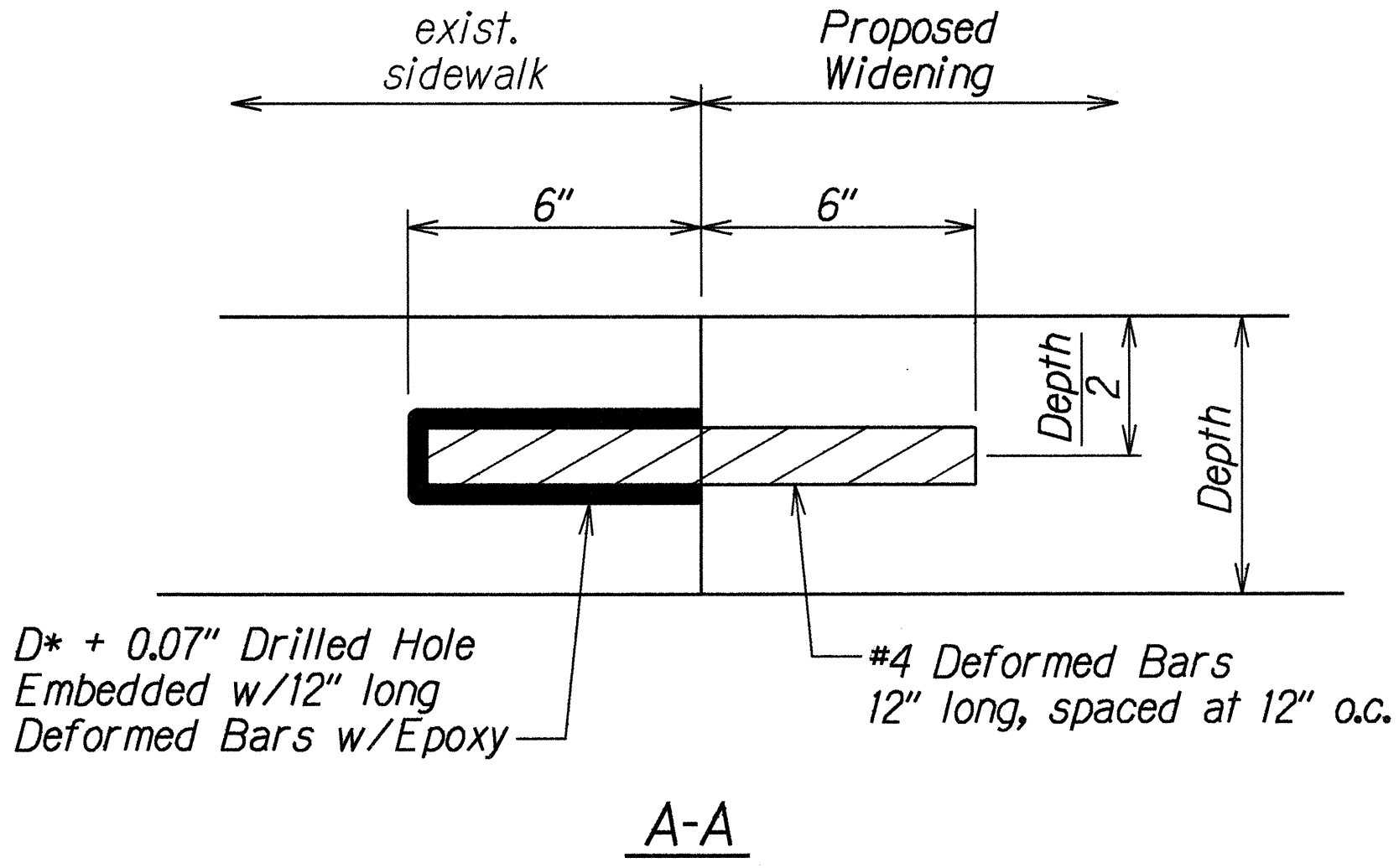
P.C.C. SIDEWALK WIDENING DETAIL
Not To Scale

*D = diameter of the deformed bars

Note: Ensure all score lines, including the existing, are at a depth of 1/4 of the sidewalk thickness.

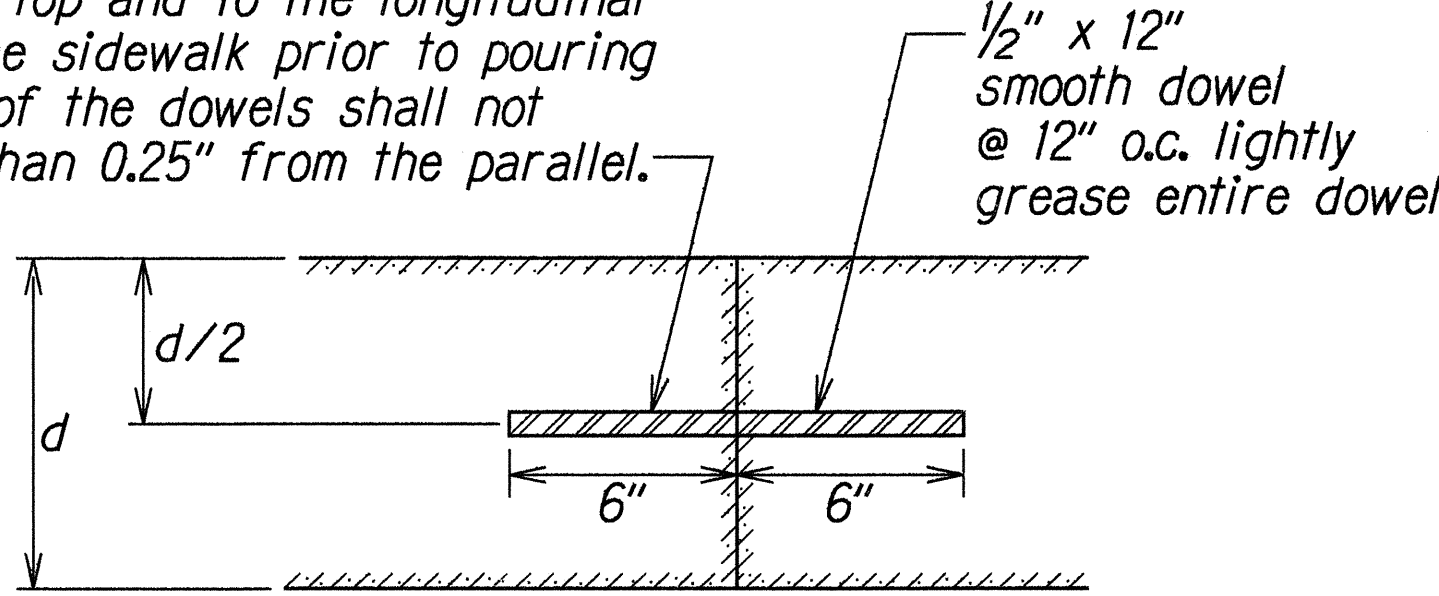


A.C. SIDEWALK WIDENING DETAIL
Not To Scale

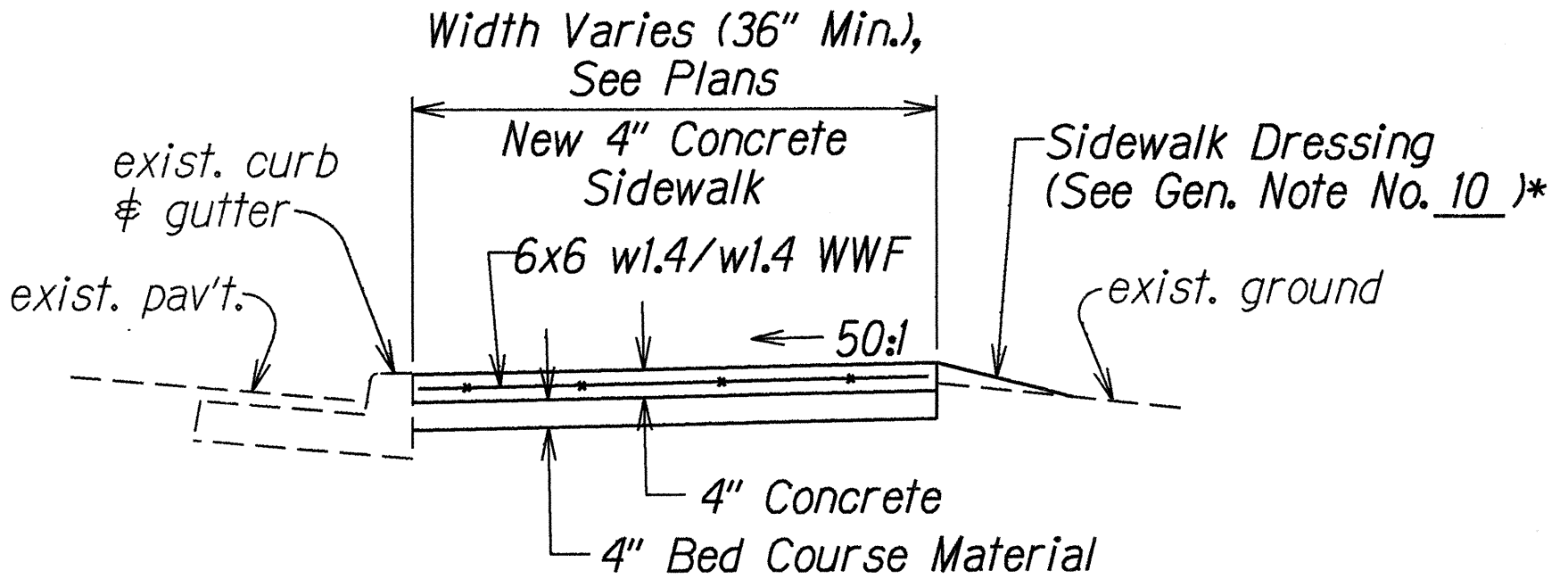


A-A

Dowels shall be positioned in place parallel to the top and to the longitudinal direction of the sidewalk prior to pouring and the ends of the dowels shall not deviate more than 0.25" from the parallel.

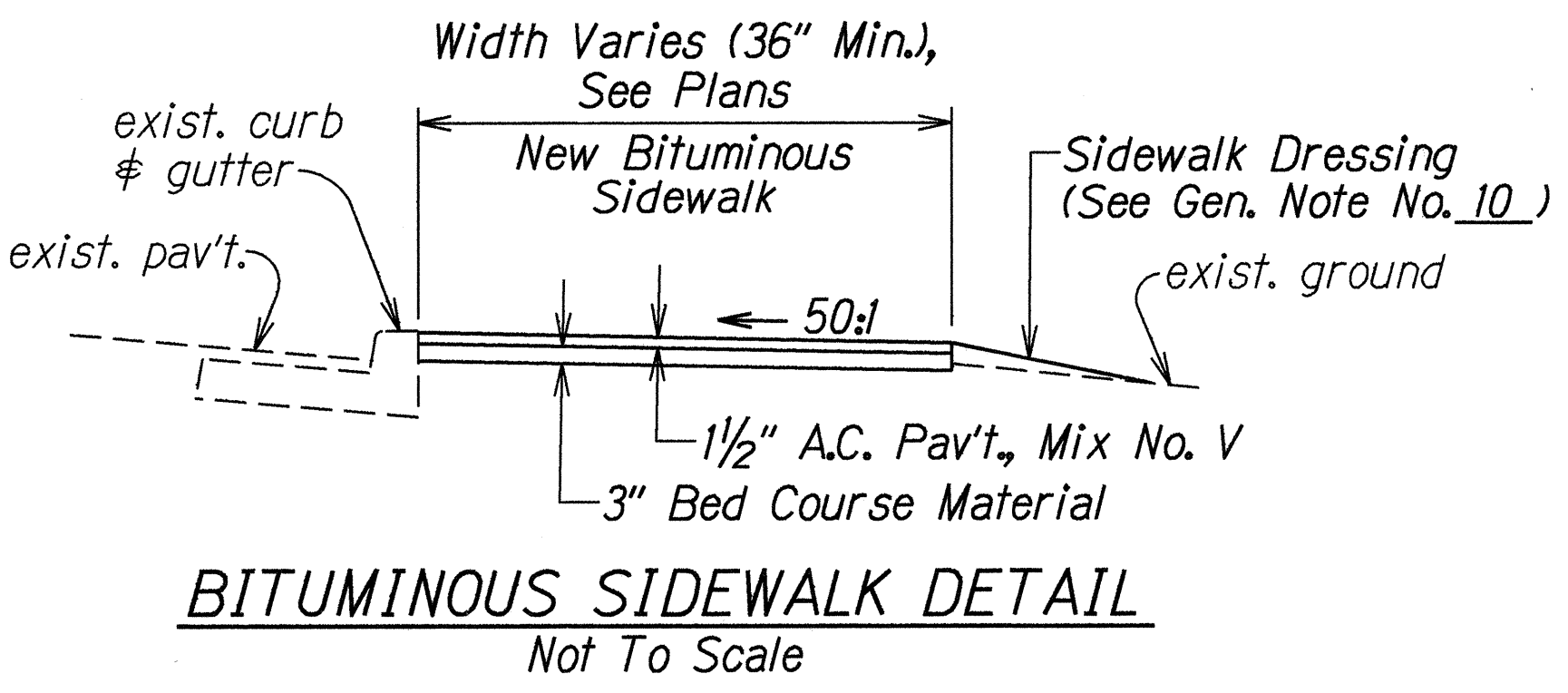


TRANSVERSE CONSTRUCTION JOINT AT PLANNED JOINTS DETAIL
Not To Scale

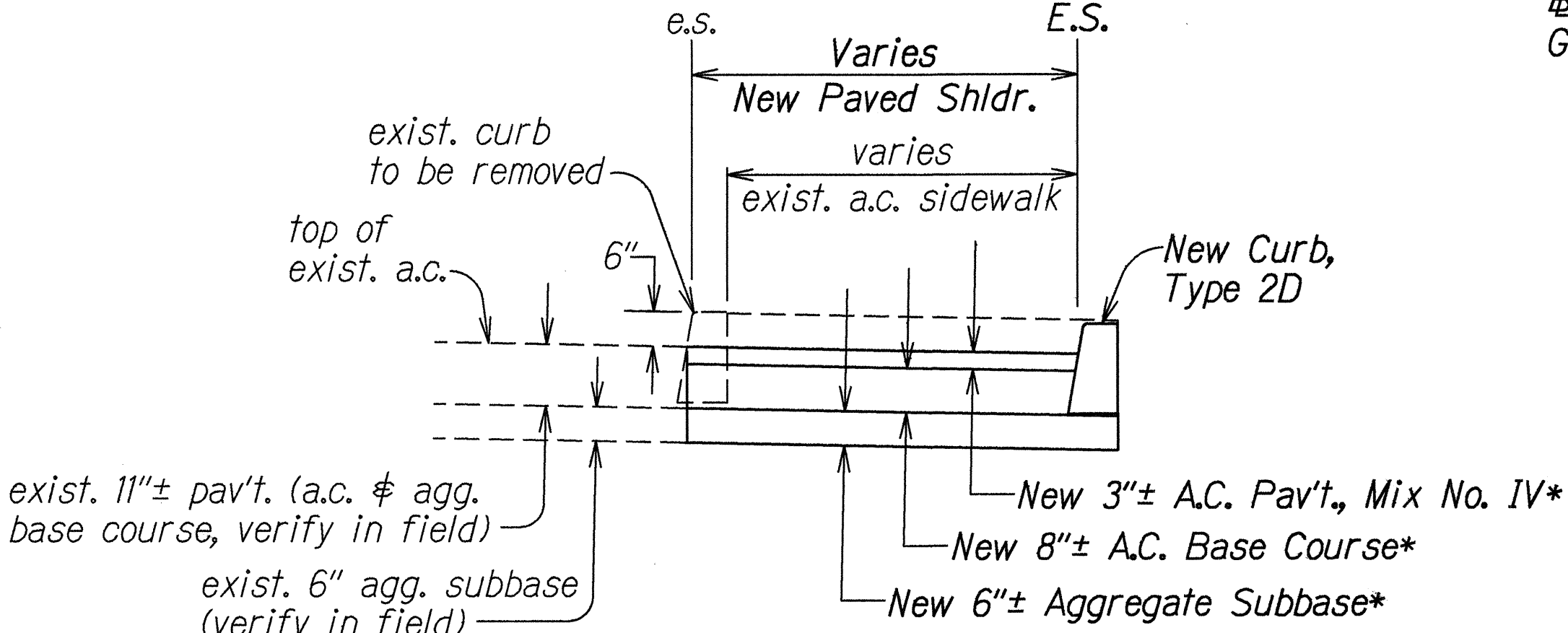


REINFORCED CONCRETE SIDEWALK DETAIL
Not To Scale

*In addition to dressing, sidewalk shoulders shall be grassed from Sta. 1030+70± to 1036+42±, Sta. 1050+50± to Sta. 1055+50±, Sta. 1111+25± to Sta. 1113+50± and where called for in the plans. Grassing will be paid for separately.



BITUMINOUS SIDEWALK DETAIL
Not To Scale



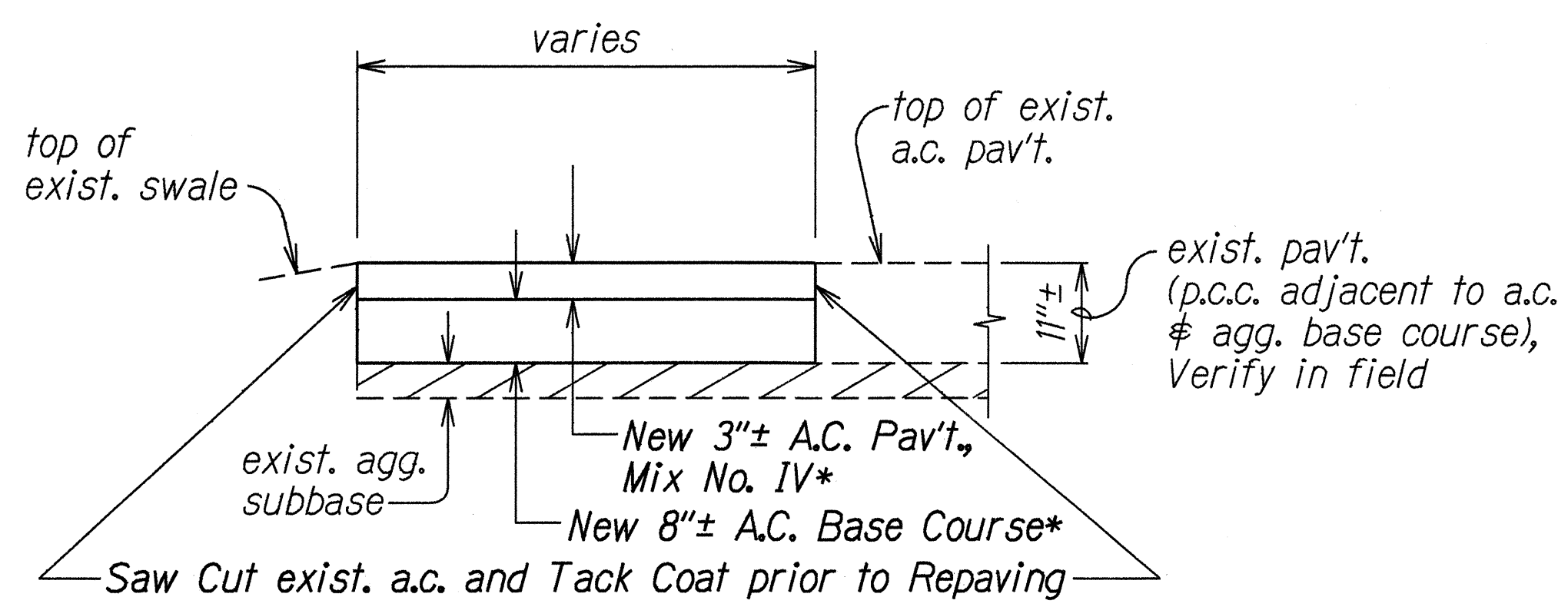
SIDEWALK REMOVAL DETAIL
Scale: 1/2"=1.0'

*New min. pav't. or match adjacent exist. pav't., whichever is greater. Consider Aggregate Subbase incidental to A.C. Base Course.

7/28/99	Added new detail. Revised P.C.C. Sidewalk Widening Detail and various notes.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION TYPICAL SECTIONS & DETAILS KAMEHAMEHA HIGHWAY PEDESTRIAN ACCESSIBLE ROUTE IMPROVEMENTS Acacia Road to Honomanu Street Fed. Aid Project No. STP-099-1(20) Scale: As Shown Date: March 1999 SHEET No. 2 OF 5 SHEETS	

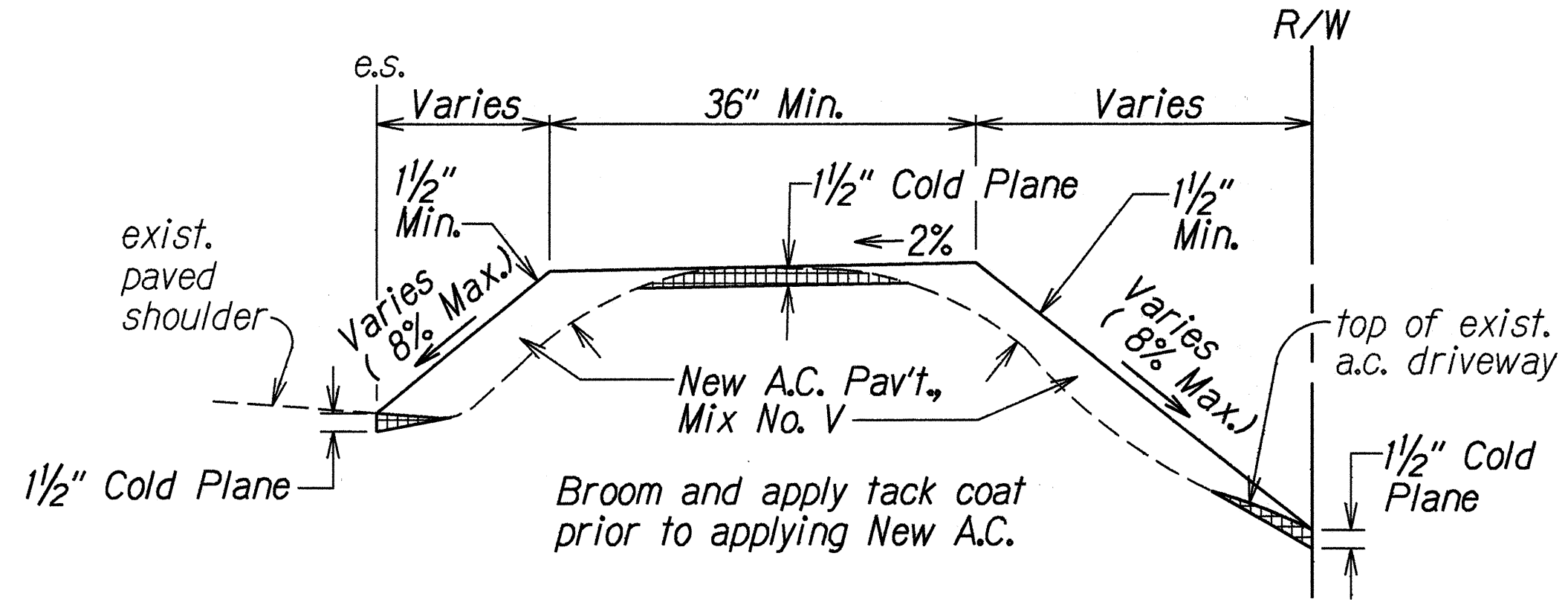
DESIGNED BY	DATE
DRAWN BY	12/21/99
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(20)	1999	8	44



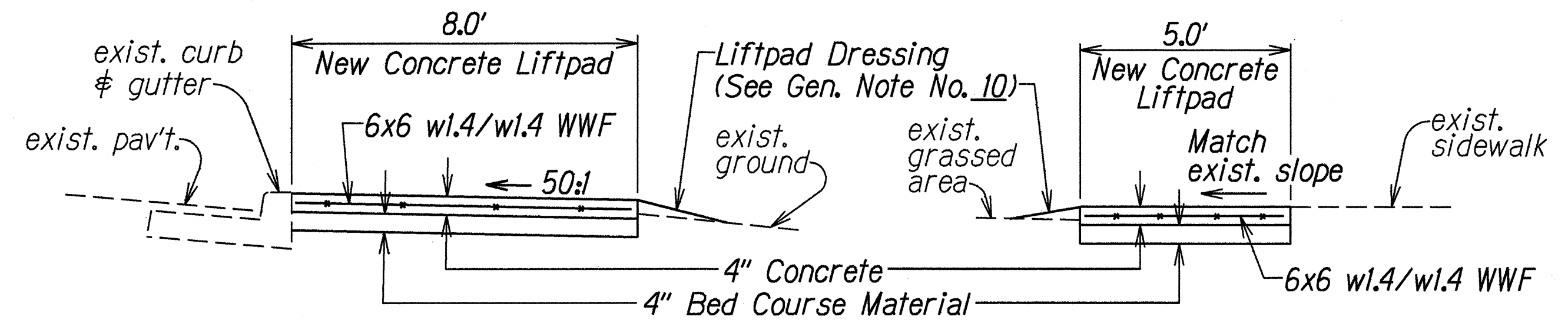
DRIVEWAY RECONSTRUCTION DETAIL
Not To Scale

*New min. pav't. or match adjacent exist. pav't., whichever is greater.



DRIVEWAY CROSSING DETAIL
Not To Scale

- Note:
1. Should any varying slope exceed 8%, the Contractor shall cold plane the existing a.c. hump such that slopes do not exceed 8%.
 2. The 36" minimum level area will be aligned with the adjacent crosswalk.
 3. The elevation of the 36" minimum level area shall match the adjacent sidewalk elevation.



LIFTPAD DETAILS

LIFTPAD DETAILS

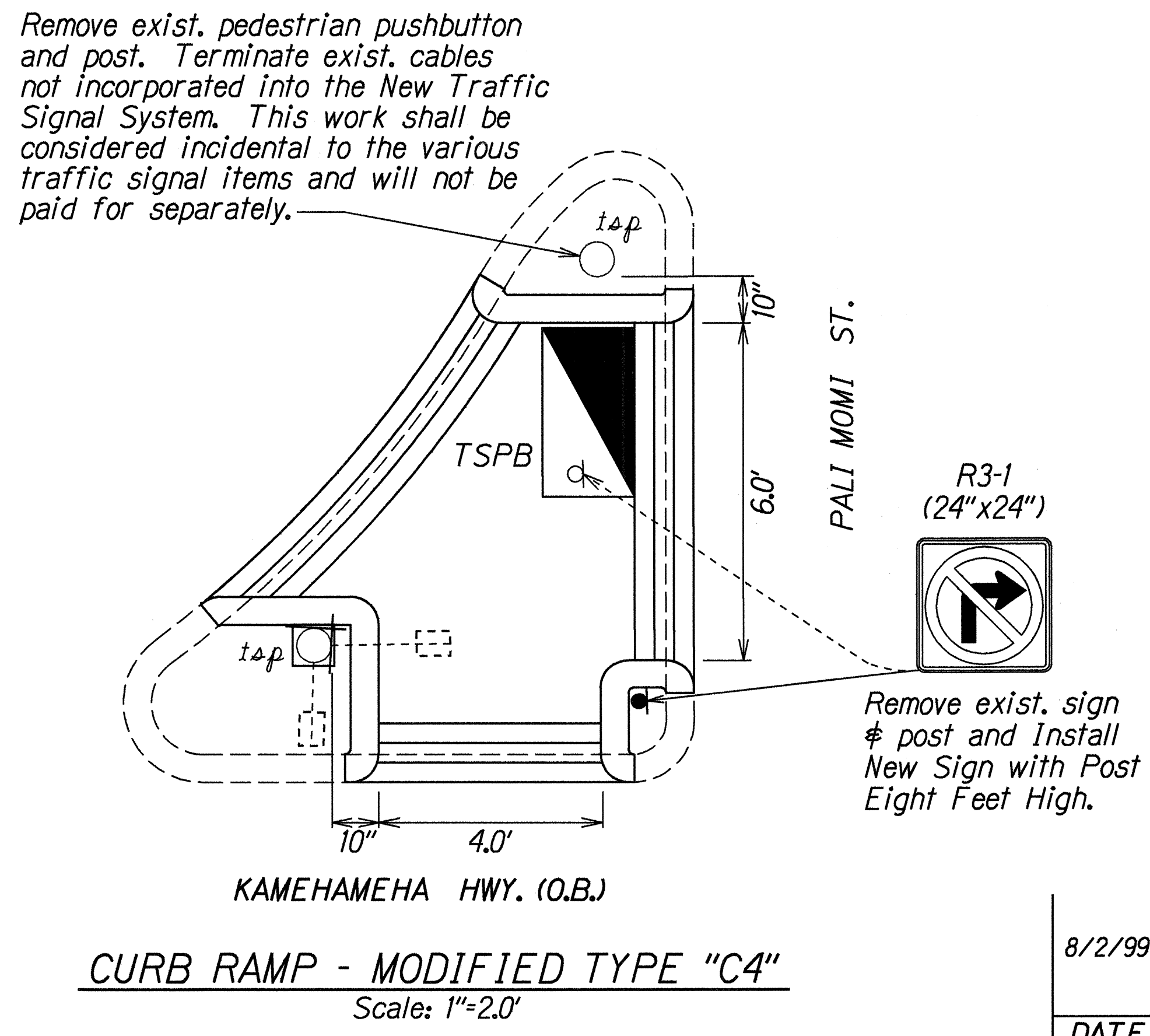
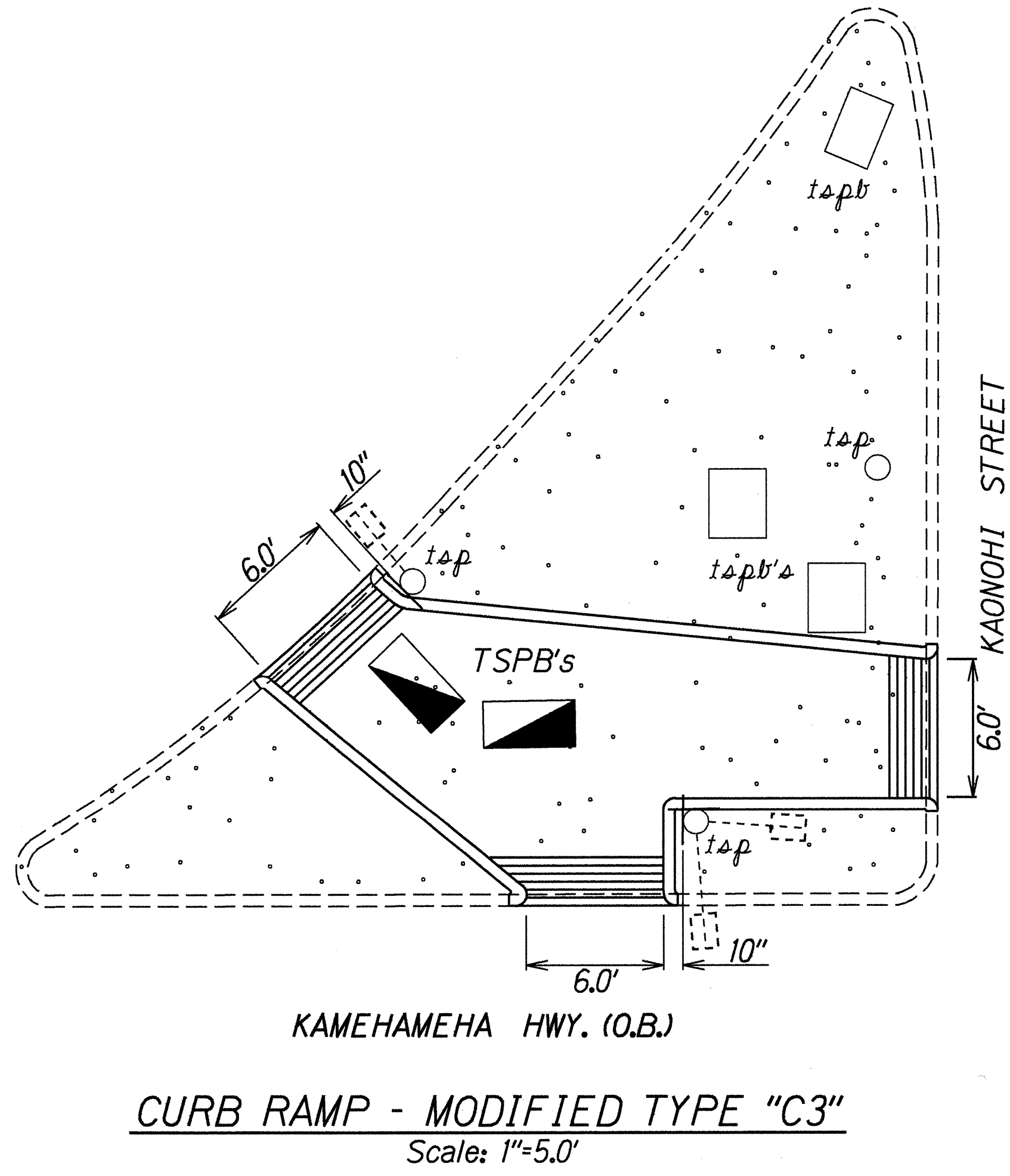
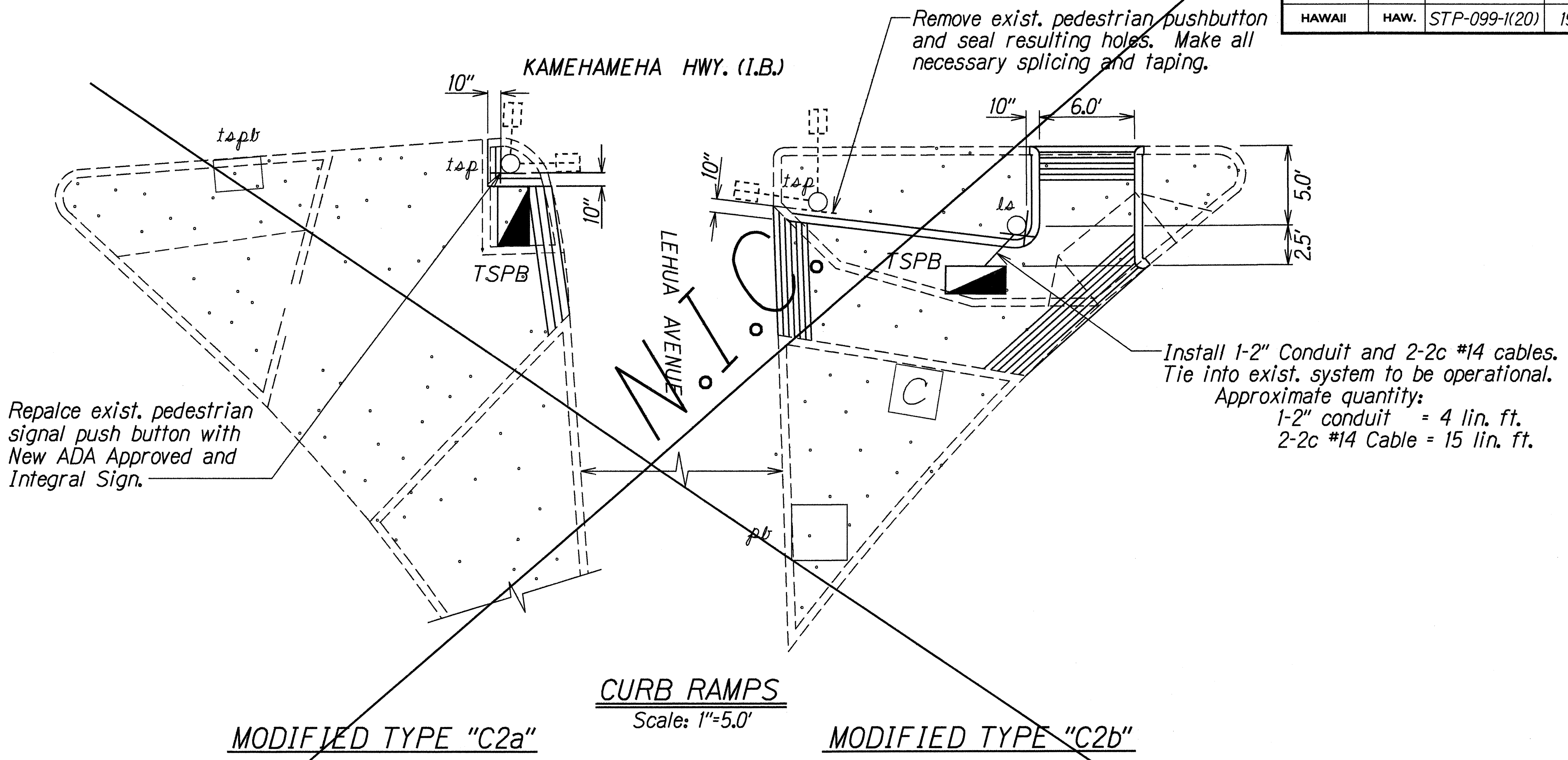
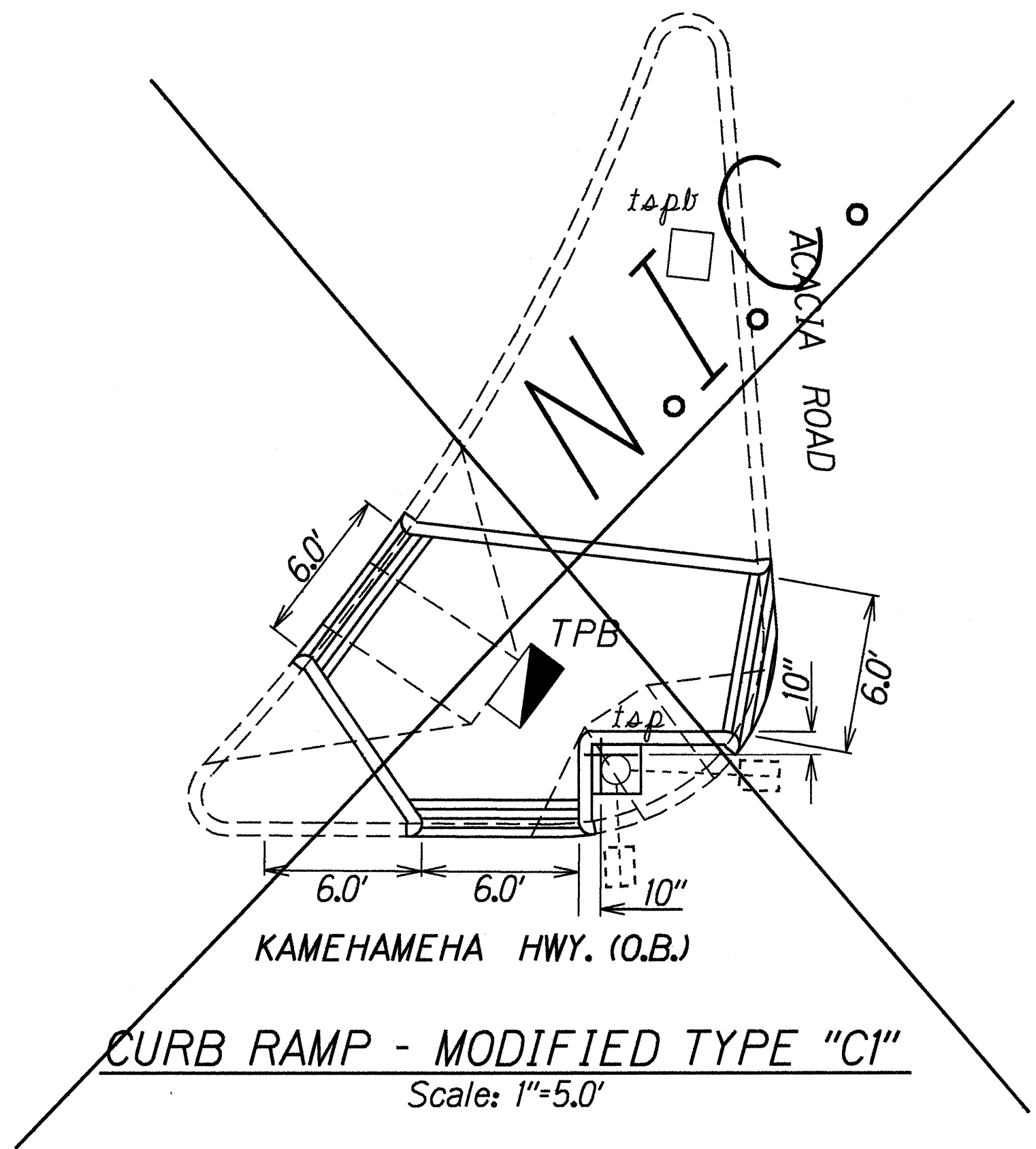
LIFTPAD DETAILS
Not To Scale

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED	DRAWN BY	3/30/99
DESIGNED BY	DESIGNED BY	
CHECKED BY	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS
KAMEHAMEHA HIGHWAY PEDESTRIAN
ACCESSIBLE ROUTE IMPROVEMENTS
Acacia Road to Honomanu Street
Fed. Aid Project No. STP-099-1(20)
Scale: As Shown Date: March 1999
SHEET No. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(20)	1999	9	44



- LEGEND:**
- New Pedestrian Signal Pushbutton with Integral Sign (ADA Approved Type) (2 Each)
 - Exist. Pedestrian Signal Head
 - Remove Exist. Traffic Signal Pullbox and Install New Type C Pullbox and Match Finished Grade. Make all necessary adjustments to exist. system to remain operational. Removal of exist. pullbox will not be paid for separately, but shall be considered incidental to the various curb ramp items.

DATE	12-25-99
SURVEY BY	W. M. M. M.
DESIGNED BY	L. A. A. A.
CHECKED BY	U. U. U. U.

8/2/99	Revised project scope, indicated details will not be included in contract.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ISLAND DETAILS

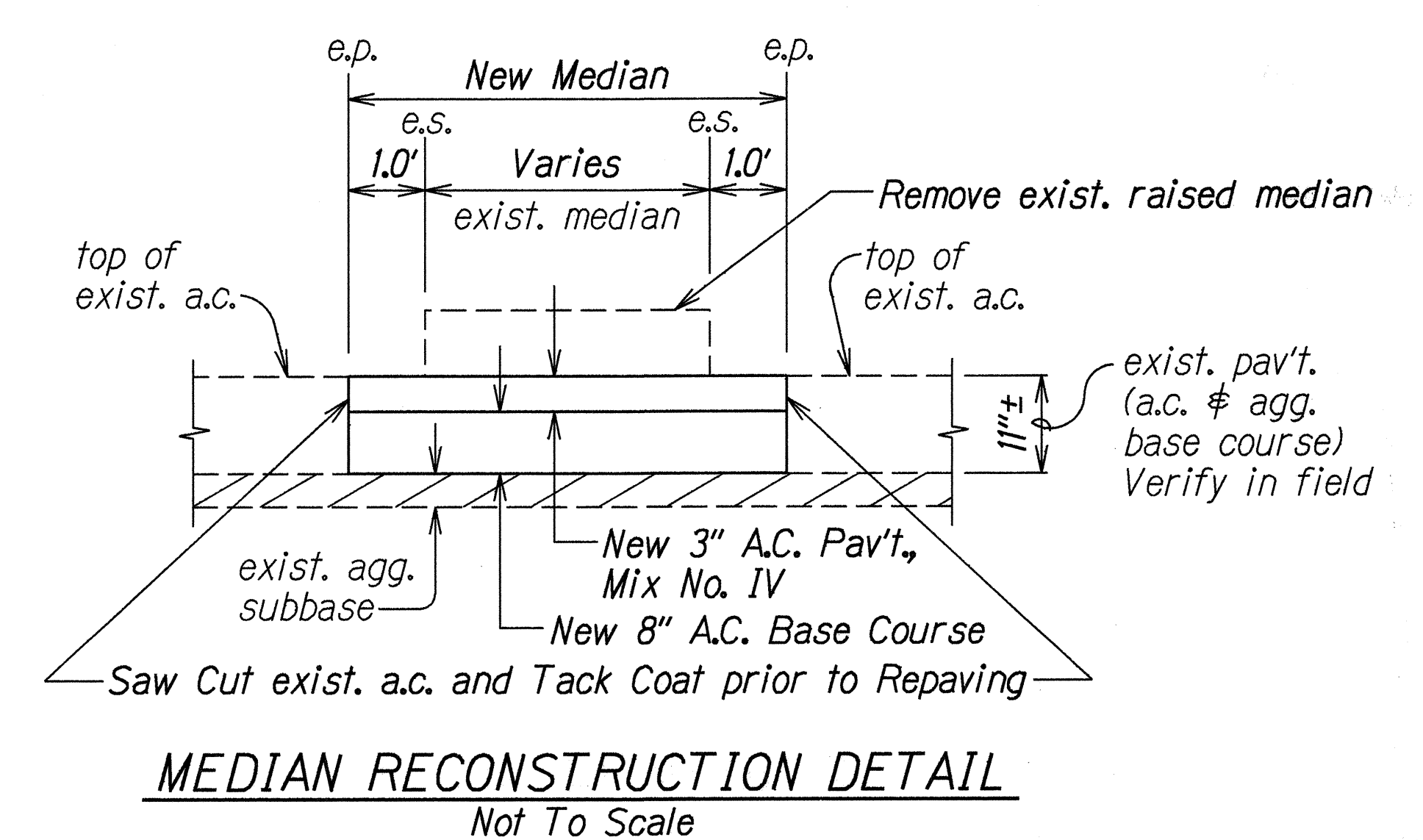
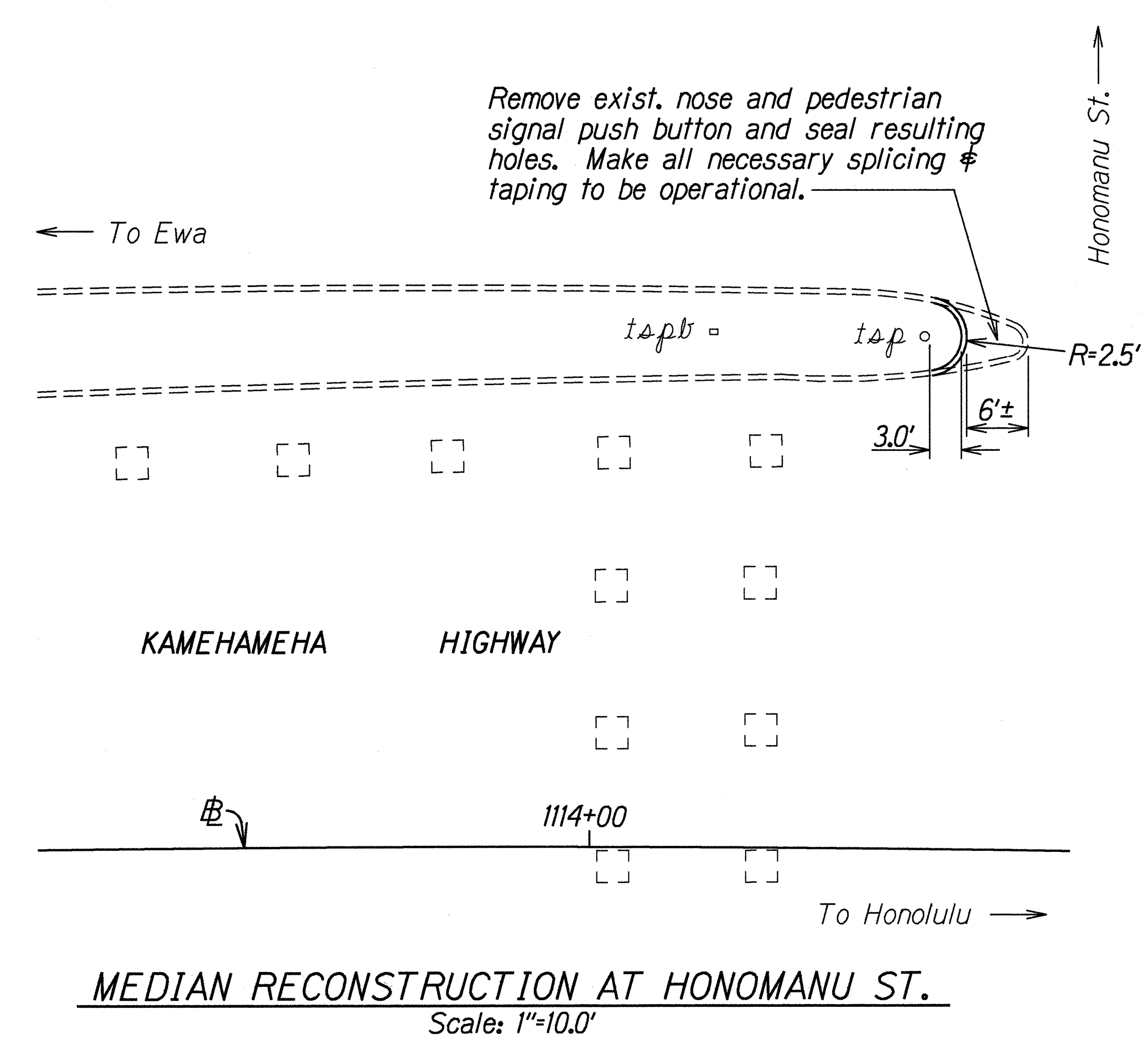
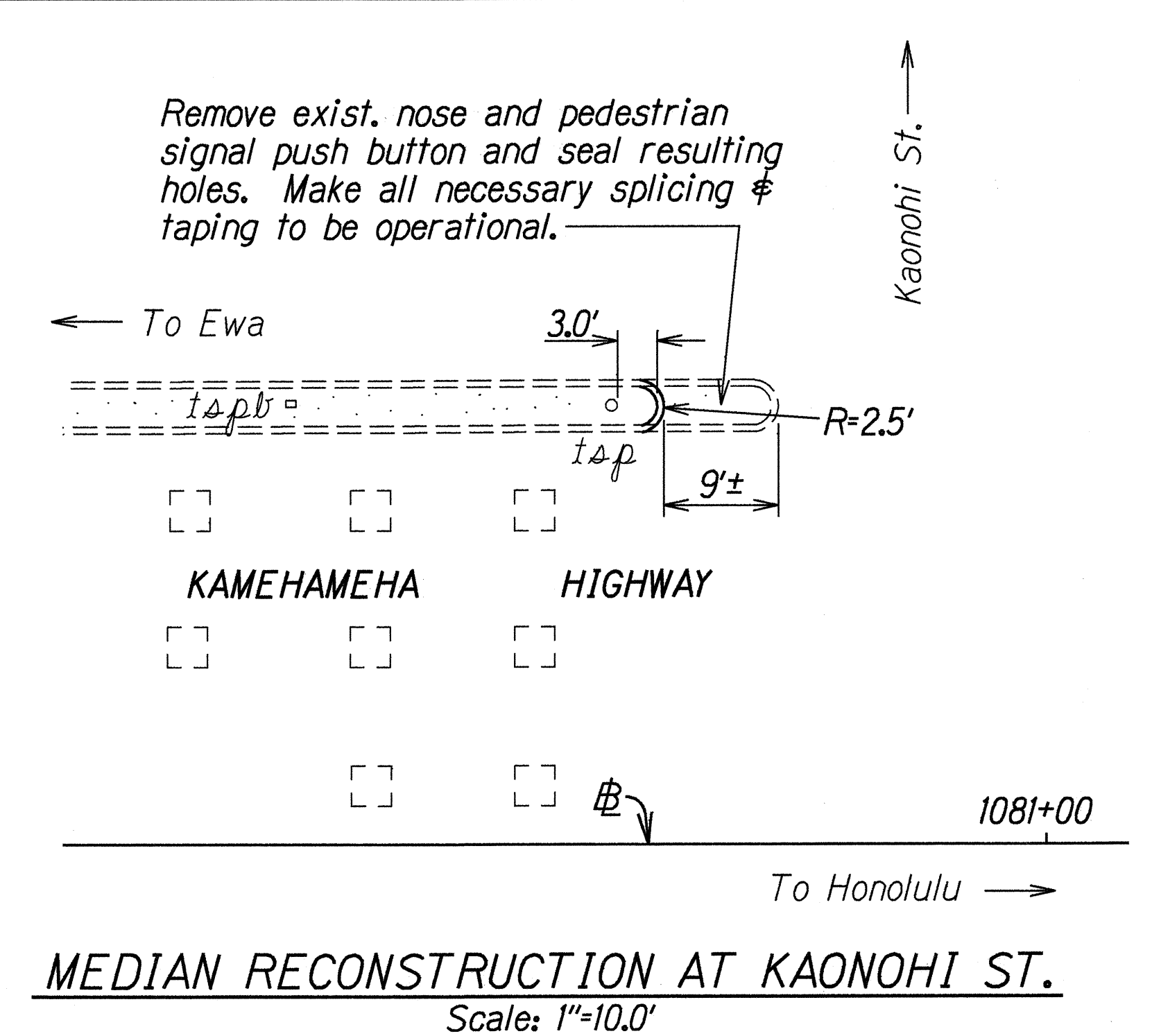
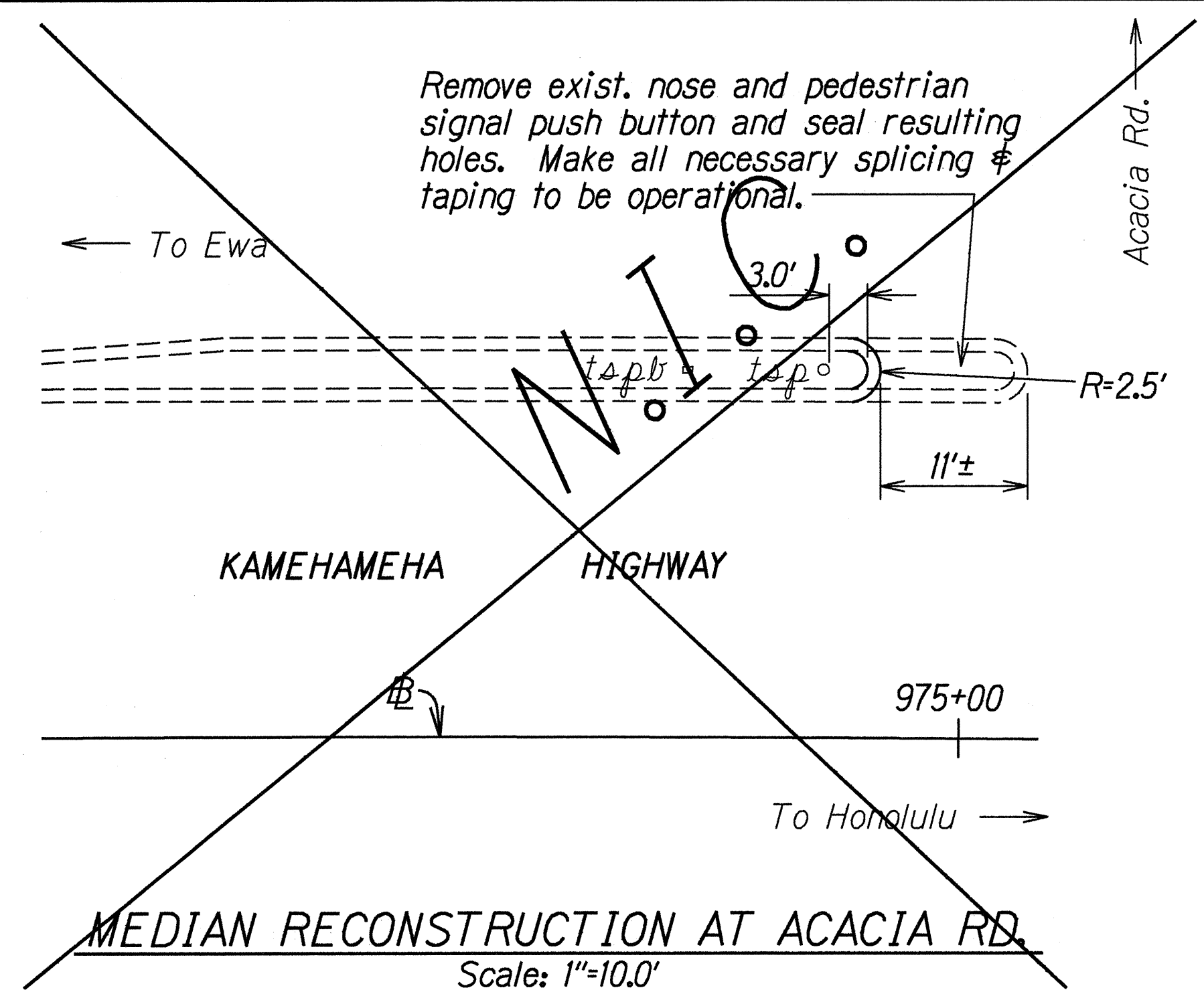
KAMEHAMEHA HIGHWAY PEDESTRIAN
ACCESSIBLE ROUTE IMPROVEMENTS

Acacia Road to Honomanu Street
Fed. Aid Project No. STP-099-1(20)

Scale: As Shown Date: March 1999

SHEET No. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(20)	1999	10	44



Note: For Median Reconstruction, The Contractor shall place one lane each of New Crosswalk Striping, matching to existing striping. Cost for striping shall be considered incidental to various contract items.

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	1-25-99
DRAWN BY	L. Misurachi, M.H.
DESIGNED BY	L. Misurachi
CHECKED BY	L. Misurachi
NOTED BY	L. Misurachi
QUANTITIES BY	L. Misurachi
REVISIONS	

8/2/99	Revised project scope, Median Reconstruction At Acacia Rd. will not be included in contract.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION MEDIAN DETAILS KAMEHAMEHA HIGHWAY PEDESTRIAN ACCESSIBLE ROUTE IMPROVEMENTS Acacia Road to Honomanu Street Fed. Aid Project No. STP-099-1(20) Scale: As Shown Date: March 1999 SHEET No. 5 OF 5 SHEETS	