

STANDARD PLANS SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-89M	1989	2	27

Standard Plan No.	Title	Date
B-01	Notes and Miscellaneous Details	07/01/86
B-02		
B-03	Typical Structure Excavation and Backfill Pay Limits	07/01/86
B-04		
B-05		
B-06	Concrete Box Girder	07/01/86
B-07	Concrete Box Girder	07/01/86
B-08	Concrete Box Girder	07/01/86
B-09		
B-10		
B-11		
B-12	Prestressed Concrete Piles	07/01/86
B-13	Prestressed Concrete Piles	07/01/86

D-01	Chain Link Fence With Toprail	03/06/87
D-02	Chain Link Fence Without Toprail	07/01/86
D-03	Wire Fence With Metal Posts	07/01/86
D-04	Typical Details of Curbs and/or Gutters	07/01/86
D-05	Typical Details of Reinforced Concrete Drop Driveway	07/01/86
D-06	Centerline and Reference Survey Monument	07/01/86
D-07	Street Survey Monument	07/01/86
D-08	Landscaping Shrub and Tree Planting	07/01/86
D-09	Field Office	07/01/86
D-10	Field Office	07/01/86
D-11	Project Site Laboratory	07/01/86
D-12	Project Site Laboratory	07/01/86
D-13	Field Office & Project Site Laboratory	07/01/86

H-01	Type A, B, C and D Catch Basin	07/01/86
H-02	Type A1, B1, C1 and D1 Catch Basin	07/01/86
H-03	Type A2, B2, C2 and D2 Catch Basin	07/01/86
H-04	Typical Reinforcing Details for Catch Basins	07/01/86
H-05	Type A, B and C Storm Drain Manhole	07/01/86
H-06	Type D and E Storm Drain Manhole	07/01/86
H-07	Type F Storm Drain Manhole	07/01/86
H-08	Catch Basin and Manhole Casting	07/01/86
H-09	Type A-9 and A-9P Frames and Grates	07/01/86
H-10	Type A-9B Frames and Grates	07/01/86
H-11	Type 61614 and 61214 Grated Drop Inlet	07/01/86
H-12	Type 61616 Grated Drop Inlet	07/01/86
H-13	61214, 61614 & 61616 Steel Frames and Grates	07/01/86
H-14	61214B Steel Frame and Grates	07/01/86
H-15	61614B Steel Frame and Grates	07/01/86
H-16	Concrete and Cement Rubble Masonry Structures	07/01/86
H-17	Inlet Structures	07/01/86
H-18	Flared End Section for Culverts	07/01/86
H-19	Outlet Structures	07/01/86
H-20	Concrete Spillway Inlet	07/01/86
H-21	18" Slotted C. M. P. Drain	07/01/86
H-22	C. M. P. Coupling Details Standard Joint	07/01/86
H-23	Hat Shaped Coupling Band	07/01/86

Standard Plan No.	Title	Date
TE-01	Miscellaneous Sign Details	07/01/86
TE-02	Galvanized Flanged Channel Sign Post Mounting	07/01/86
TE-03	Galvanized Square Tube Sign Post Mounting	07/01/86
TE-04 ●	Regulatory Signs	09/01/87
TE-05 ●	Warning Signs	07/01/86
TE-06 ●	Miscellaneous Signs	09/01/87
TE-07	Reserved	07/01/86
TE-08 ●	Construction Signs	09/01/87
TE-09	Miscellaneous Intersection Signs	03/06/87
TE-10	Reserved	07/01/86
TE-11	Bike Route Sign and Supplementary Plates	07/01/86
TE-12	State Route Marker and Auxiliary Markers	07/01/86
TE-13	Interstate Route Marker	07/01/86
TE-14	State Route Marker and Border Detail for Guide Signs	07/01/86
TE-15	Route Marker Assemblies	07/01/86
TE-16	Miscellaneous Reflector Markers	07/01/86
TE-17	Type II Object Markers	07/01/86
TE-18	Mileposts	07/01/86
TE-19	Reserved	07/01/86
TE-20	Overhead Sign Supports	07/01/86
TE-21	Overhead Sign Support, Box Truss Type, Aluminum	07/01/86
TE-22	Foundation Details and Schedules	07/01/86
TE-23	Destination & Ground Mounted Expressway Signs	07/01/86
TE-24	Breakaway Sign Supports for Ground Mounted Guide Signs	07/01/86
TE-25	Laminated Aluminum Sign Panels (Overhead)	07/01/86
TE-26	Laminated Aluminum Sign Panels (Ground Mounted)	07/01/86
TE-27	Solid Aluminum Extruded Sign Panel and Accessory Details	07/01/86
TE-28	Guide Signs Luminaire Mountings	07/01/86
TE-29	Reserved	07/01/86
TE-30 ●	Raised Pavement Markers and Striping	07/01/86
TE-31 ●	Miscellaneous Pavement Markings	07/01/86
TE-32 ●	Miscellaneous Pavement Markings	09/01/87
TE-33 ●	Miscellaneous Pavement Markings	07/01/86
TE-34	Reserved	07/01/86
TE-35	Pavement Alphabets, Numbers & Symbols	07/01/86
TE-36	Pavement Alphabets, Numbers & Symbols	07/01/86
TE-37	Reserved	07/01/86
TE-38	Traffic Signal System, Miscellaneous Details	07/01/86
TE-39	Traffic Signal System, Miscellaneous Details	07/01/86
TE-40	Loop Detectors	03/06/87
TE-41	Pullboxes	07/01/86
TE-42	Type III Traffic Signal Standard	07/01/86
TE-43	Concrete Pullbox (2' x 3')	07/01/86
TE-44	Reserved	07/01/86

Standard Plan No.	Title	Date
TE-45	Reserved	07/01/86
TE-46	Reserved	07/01/86
TE-47	Reserved	07/01/86
TE-48	Reserved	07/01/86
TE-49	Reserved	07/01/86
TE-50 ●	Metal Guardrail	03/06/87
TE-51 ●	Metal Guardrail	09/01/87
TE-52 ●	Metal Guardrail with Rubrail	07/01/86
TE-53	Metal Guardrail with Rubrail at Obstruction	09/01/87
TE-54	Beam Type Guardrail with Rubrail at Obstruction (Shoulder Installation)	09/01/87
TE-55	Metal Guardrail Connection to Concrete Barrier	09/01/87
TE-56	Concrete Barrier Transition	07/01/86
TE-57	Guardrail Type 3, Thrie Beam	09/01/87
TE-58 ●	Approach End Flare, One & Two Way Roadway	07/01/86
TE-59 ●	Trailing End Flare, One & Two Way Roadway	09/01/87
TE-60 ●	Anchor Block Details	07/01/86
TE-61 ●	Breakaway Cable Terminal (BCT)	03/06/87
TE-62 ●	Breakaway Cable Terminal (BCT)	09/01/87
TE-63	Guardrail Type 4 (Rigid Barrier)	09/01/87
TE-64	Portable Concrete Guardrail	03/06/87
TE-65	Guardrail Type 4, Miscellaneous	09/01/87
TE-66 ●	Barricades	07/01/86
TE-67	Delineation & Pavement Markings at Bridges	07/01/86
TE-68	Wheelchair Ramps	07/01/86
TE-69 ●	Wheelchair Ramps	09/01/87

NOTE:
STANDARD PLANS APPLICABLE TO THIS
PROJECT ARE INDICATED BY A "●" NEXT TO
THE STANDARD PLAN NO. (D-07●)

09/01/87	REVISED STANDARD PLANS TE-04, TE-06, TE-08, TE-32, TE-51, TE-53, TE-54, TE-55, TE-57, TE-59, TE-62, TE-63, TE-65 & TE-69.
03/06/87	REVISED STANDARD PLANS D-01, TE-09, TE-40, TE-50, TE-51, TE-57, TE-59, TE-61, TE-63 AND TE-64.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

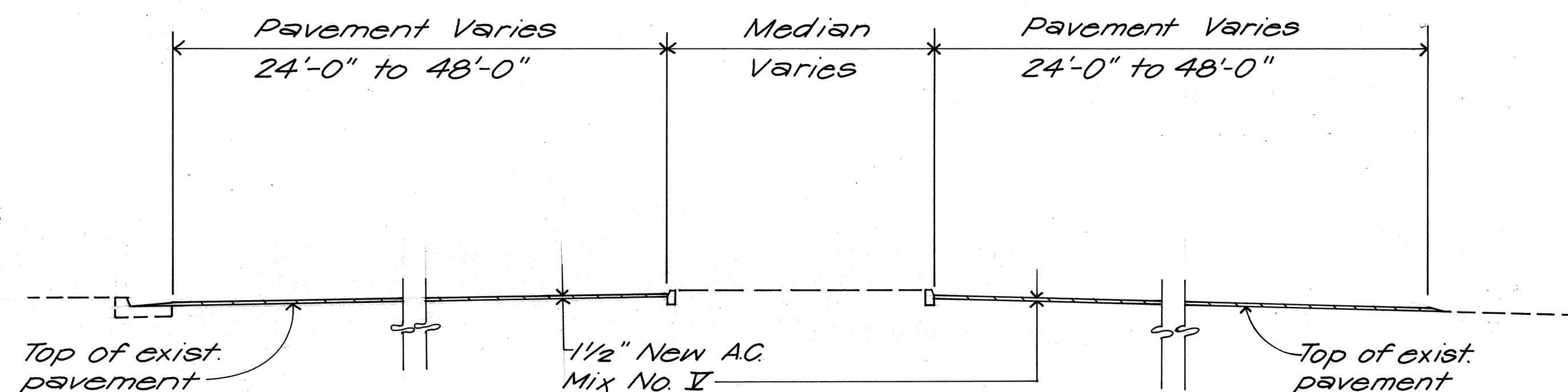
STANDARD PLANS SUMMARY

FARRINGTON HWY. RESURFACING
LEOKANE ST. TO KAMEHAMEHA HWY.
PROJ. NO. 7101A-01-89M

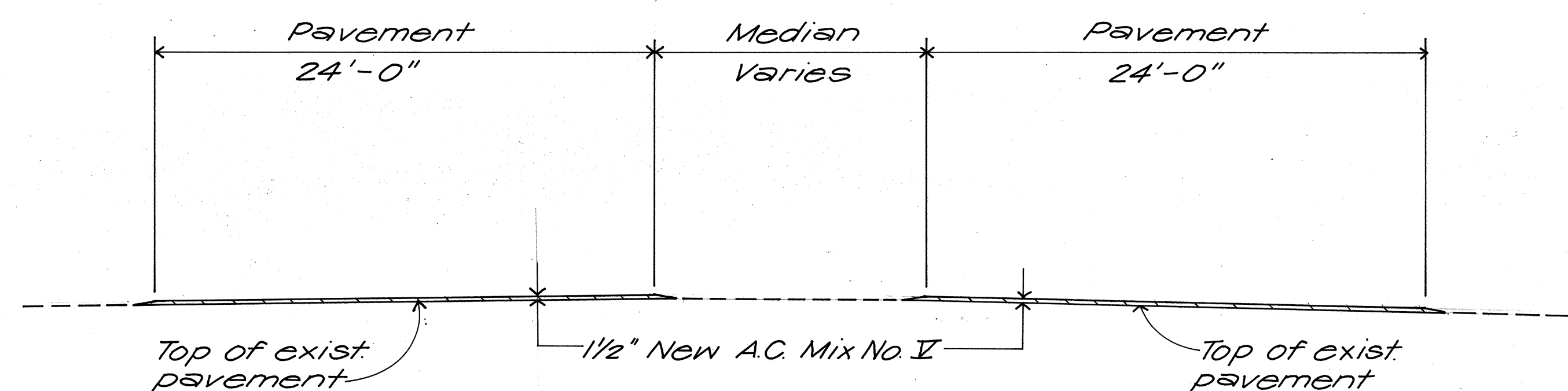
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SHEET NO. 1 OF 1 SHEETS

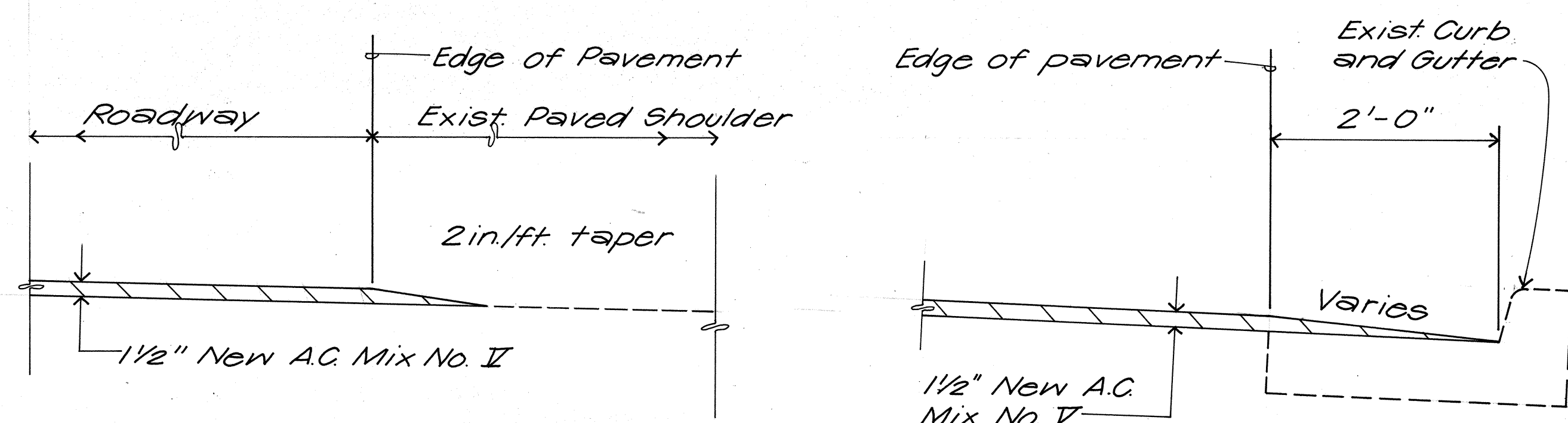
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-80M	1980	3	27



TYPICAL SECTION
Farrington Highway @ Sta. 70+00 to Sta. 8+00± (Vicinity of Waipahu High School)
Scale: 3/16"=1'-0"

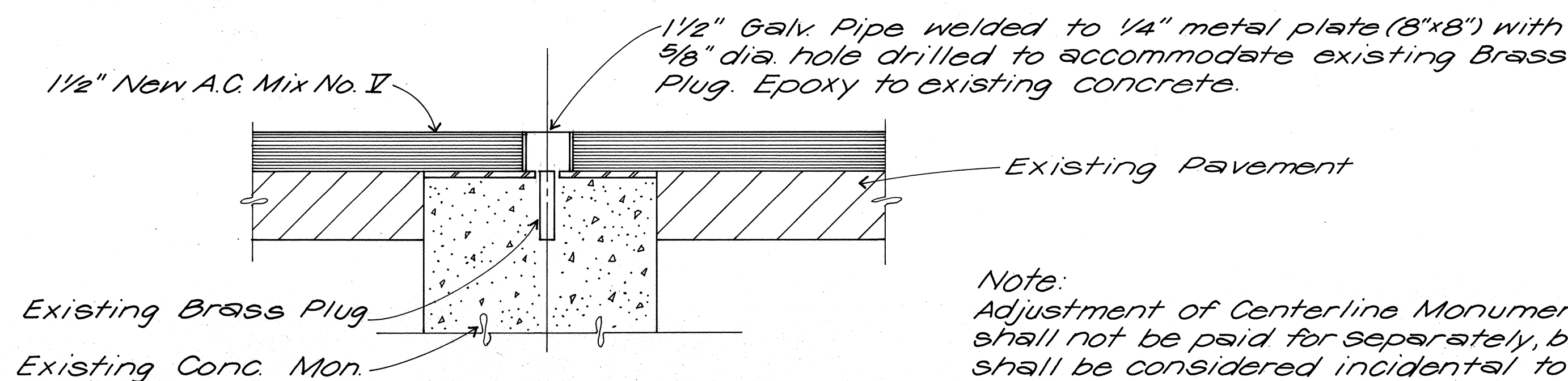


TYPICAL SECTION
Farrington Highway @ Sta. 8+00± to Kamehameha Hwy.
Scale: 3/16"=1'-0"



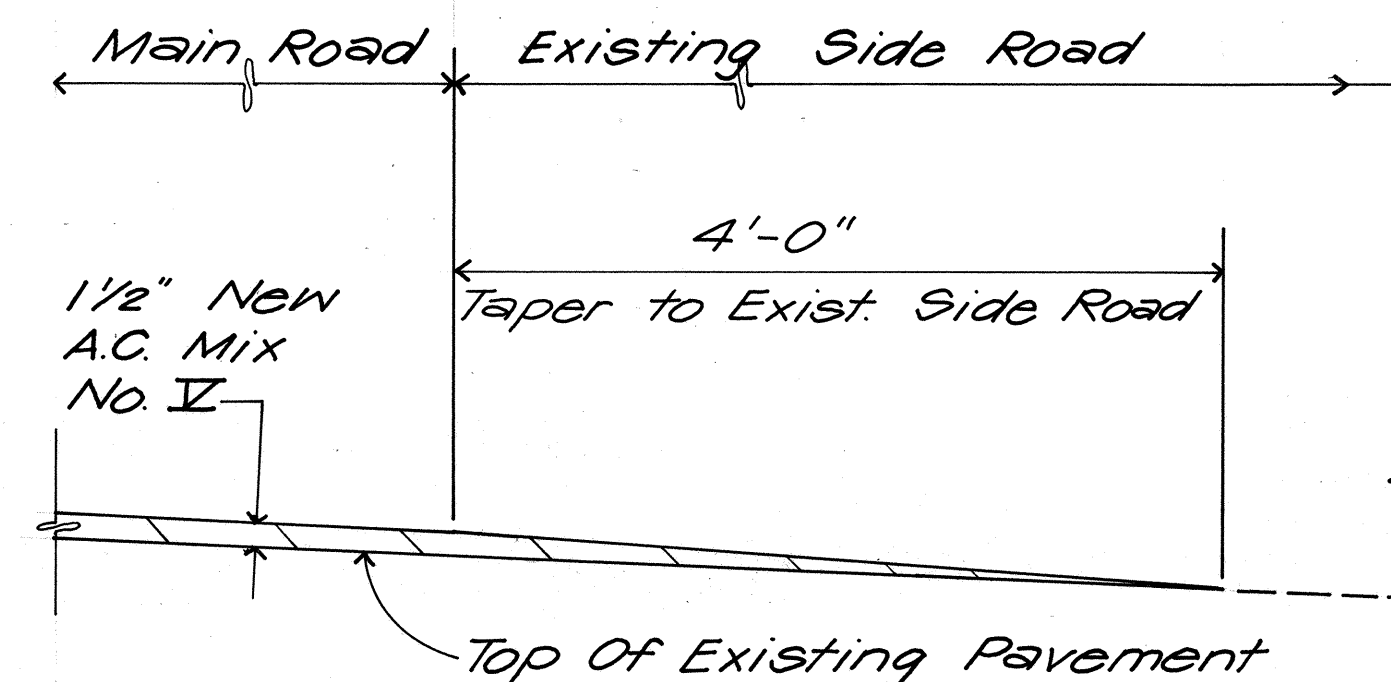
TYPICAL SECTION AT A.C. PAVED SHOULDER
Scale: 1"=1'-0"

TYPICAL SECTION AT CURB AND GUTTER
Scale: 1"=1'-0"

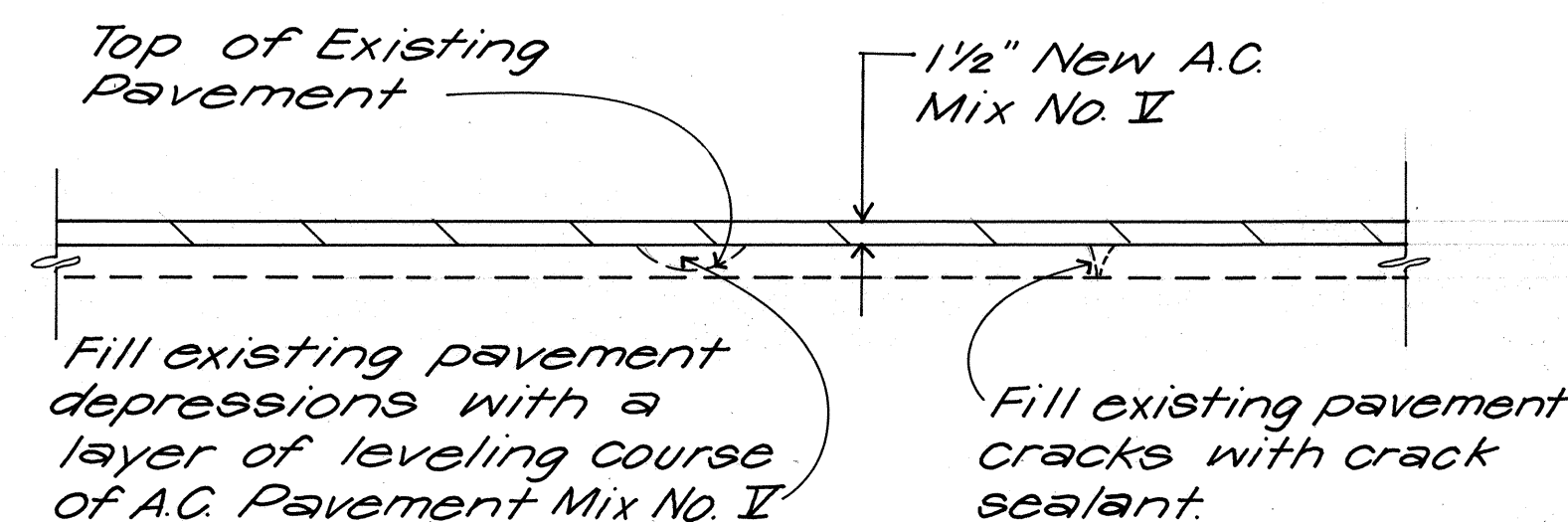


ADJUSTED CENTERLINE MONUMENT
Scale: 3"=1'-0"

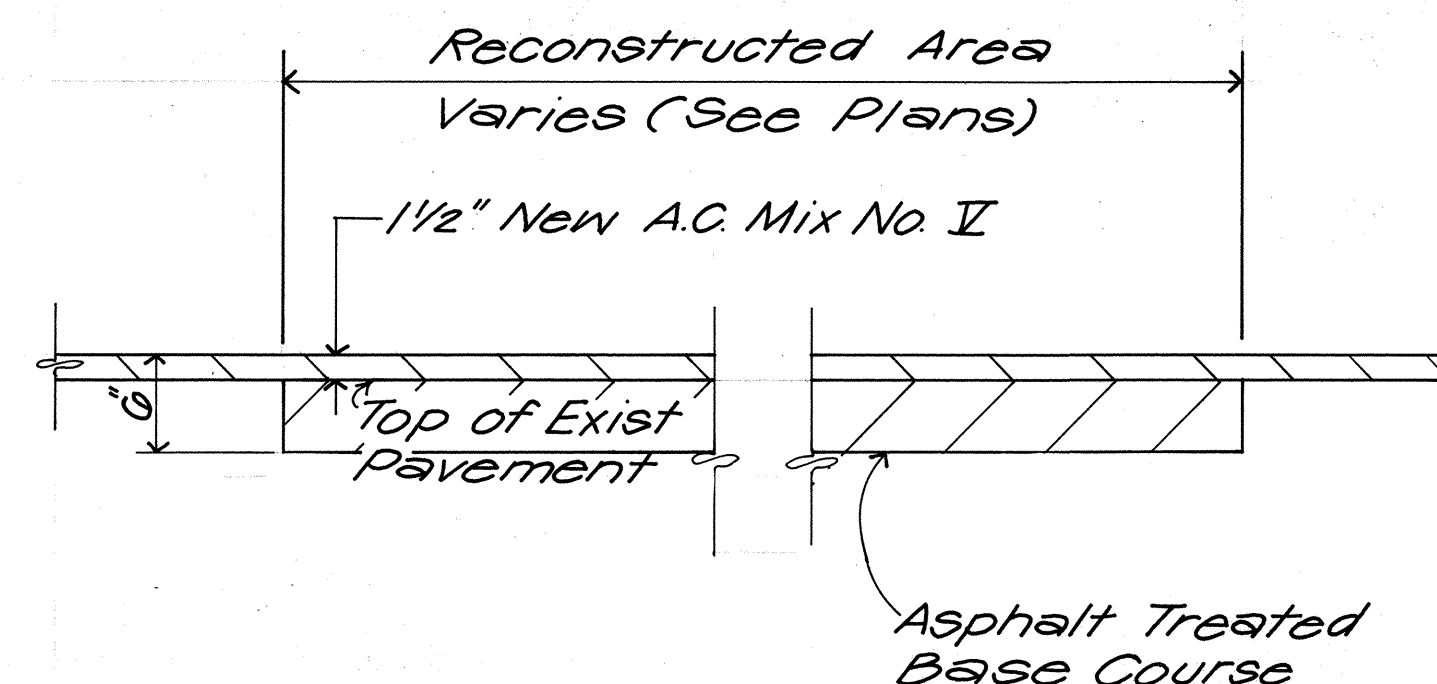
Note:
Adjustment of Centerline Monument shall not be paid for separately, but shall be considered incidental to the various contract items.



TYPICAL SECTION ~ SIDE ROAD CONNECTION
Scale: 1"=1'-0"



LEVELING COURSE DETAIL
Scale: 1"=1'-0"



TYPICAL SECTION ~ RECONSTRUCTED AREA
Scale: 1"=1'-0"

GENERAL NOTES

- Improvements consist of Reconstructing Weakened Pavement Areas, Resurfacing with Asphalt Concrete Pavement, Cold Planing, Adjusting Manhole and Valve Box Frame and Covers and Survey Monuments, and installing Type 3 Metal Guardrail and Pavement Markers and Striping.
- Only the hatched area shown on the plan sheets shall be scarified.
- Provide smooth transition at connections to existing pavement.
- Ruts on the existing roadway pavement shall be filled with a thin layer of leveling course Mix No. II prior to resurfacing. This leveling course will be considered as A.C. Pavement Mix No. II and paid for under Item 401.05.
- The exact limits of the reconstructed areas shall be determined in the field by the Engineer.
- The bidders attention is directed to sub-section 104.00, Availability of funds of the Special Provisions.

STATE OF HAWAII
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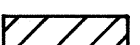
TYPICAL SECTION AND GENERAL NOTES

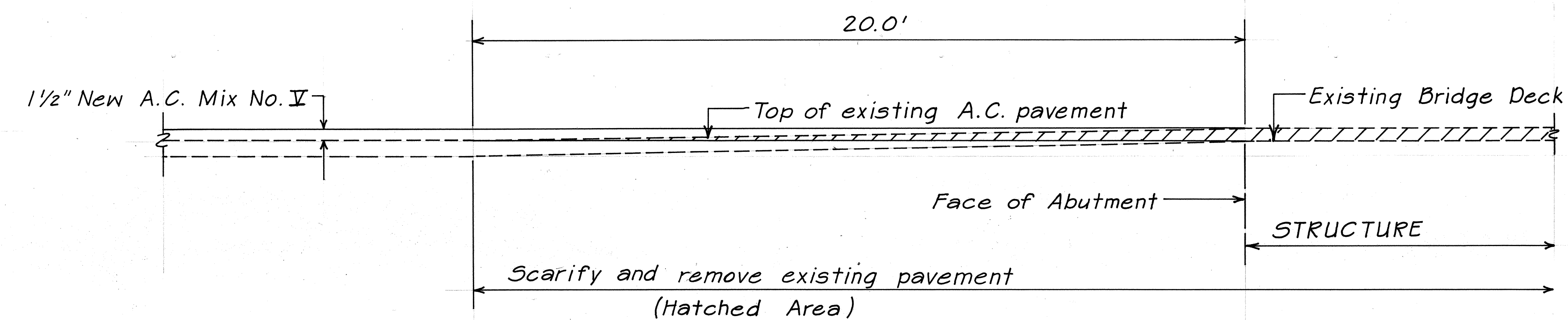
FARRINGTON HIGHWAY RESURFACING
LEOKANE ST. TO KAMEHAMEHA HIGHWAY
PROJECT No. 7101A-01-80M
Scale: As shown Date: April, 1980

SHEET No. 1 OF 1 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7101A-01-89M	1989	4	27

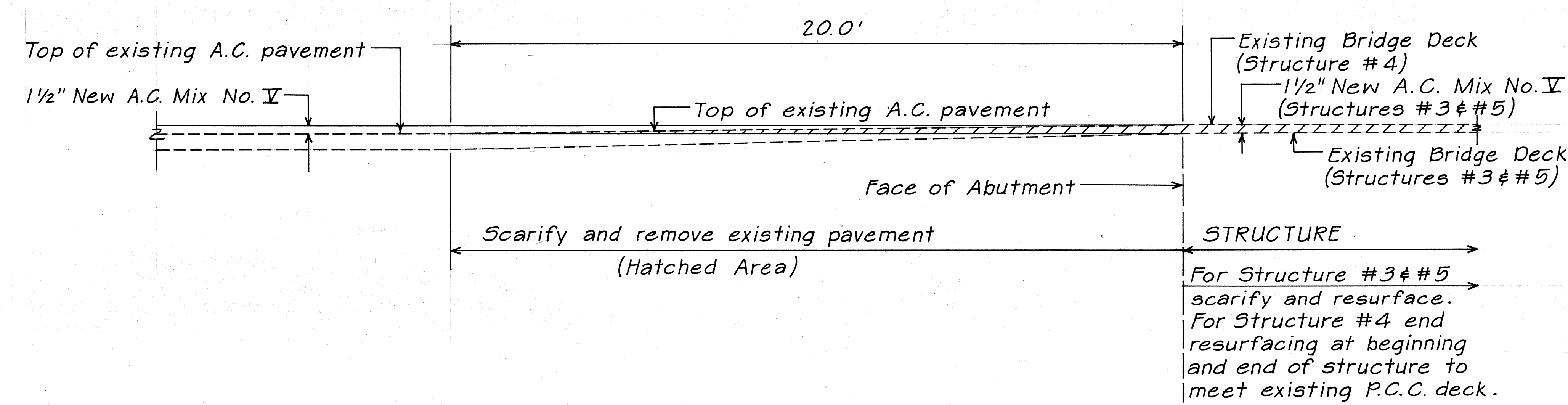
LEGEND

 Denotes existing A.C. pavement to be removed, disposed of and replaced with A.C. Mix No. V as shown on plans. The removal and disposal of the existing A.C. pavement shall be considered incidental to Asphalt Concrete Pavement, Mix No. V.
 Denotes reconstruction.



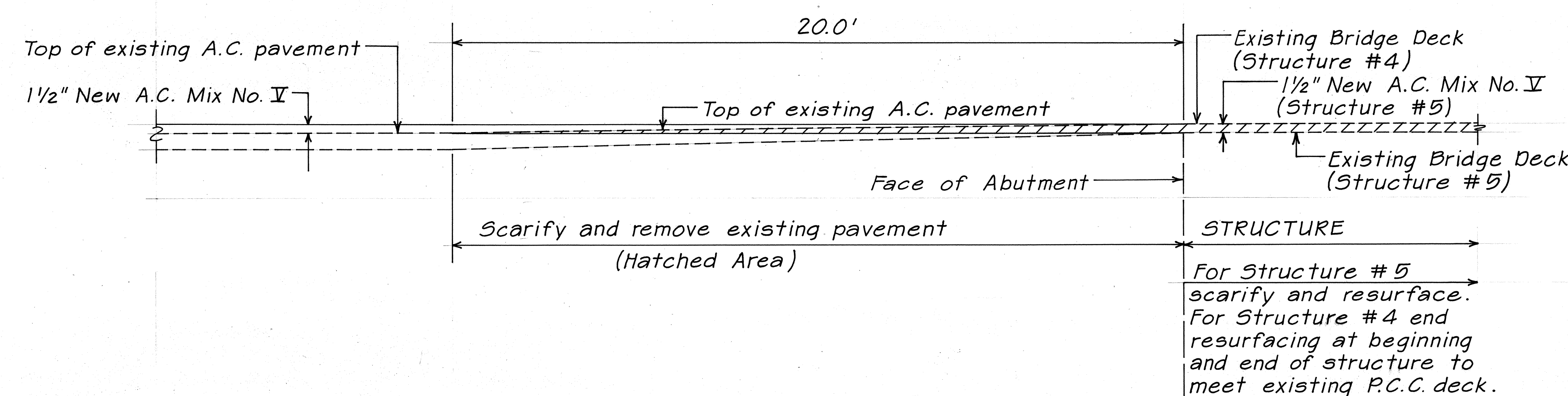
TYPICAL TRANSITION DETAILS AT STRUCTURES #1, 2, 3, 5 & 6

Scale: Horiz. 1/2" = 1'-0"
Vert. 1" = 1'-0"



TYPICAL DETAIL OF RECONSTRUCTED AREAS AT STRUCTURES #3, 4 & 5

Scale: Horiz. 1/2" = 1'-0"
Vert. 1" = 1'-0"



DETAIL OF SCARIFYING AT BEGIN AND END PROJECT

Scale: Horiz. 1/2" = 1'-0"
Vert. 1" = 1'-0"

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRANSITION DETAILS

FARRINGTON HWY. RESURFACING
LEOKANE ST. TO KAMEHAMEHA HWY.
PROJ. NO. 7101A-01-89M

Scale: As Shown Date: April, 1989

SHEET NO. 1 OF 1 SHEETS