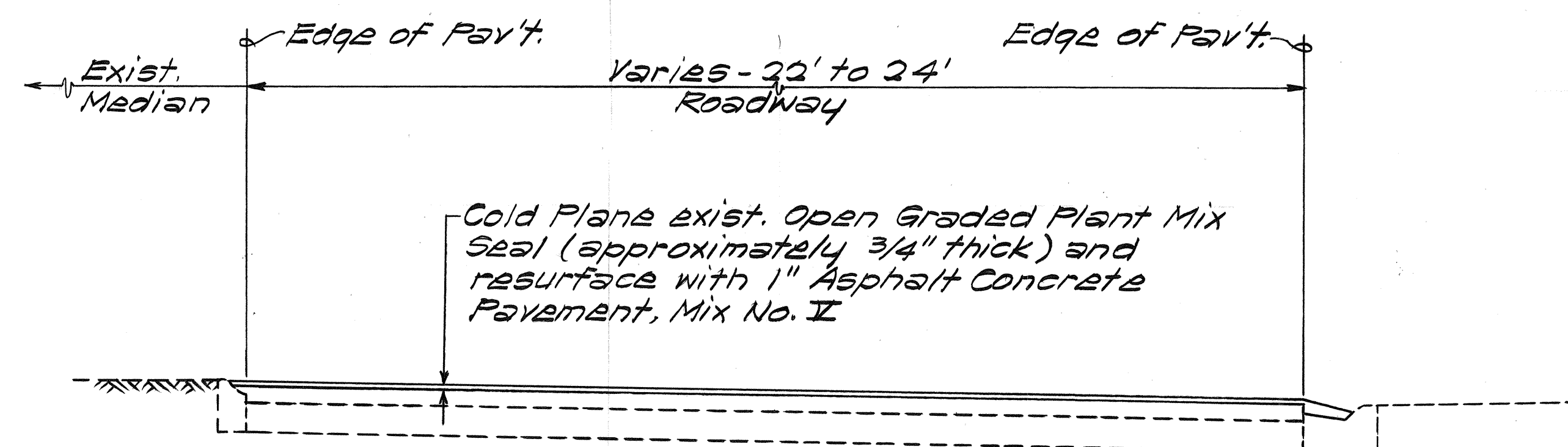
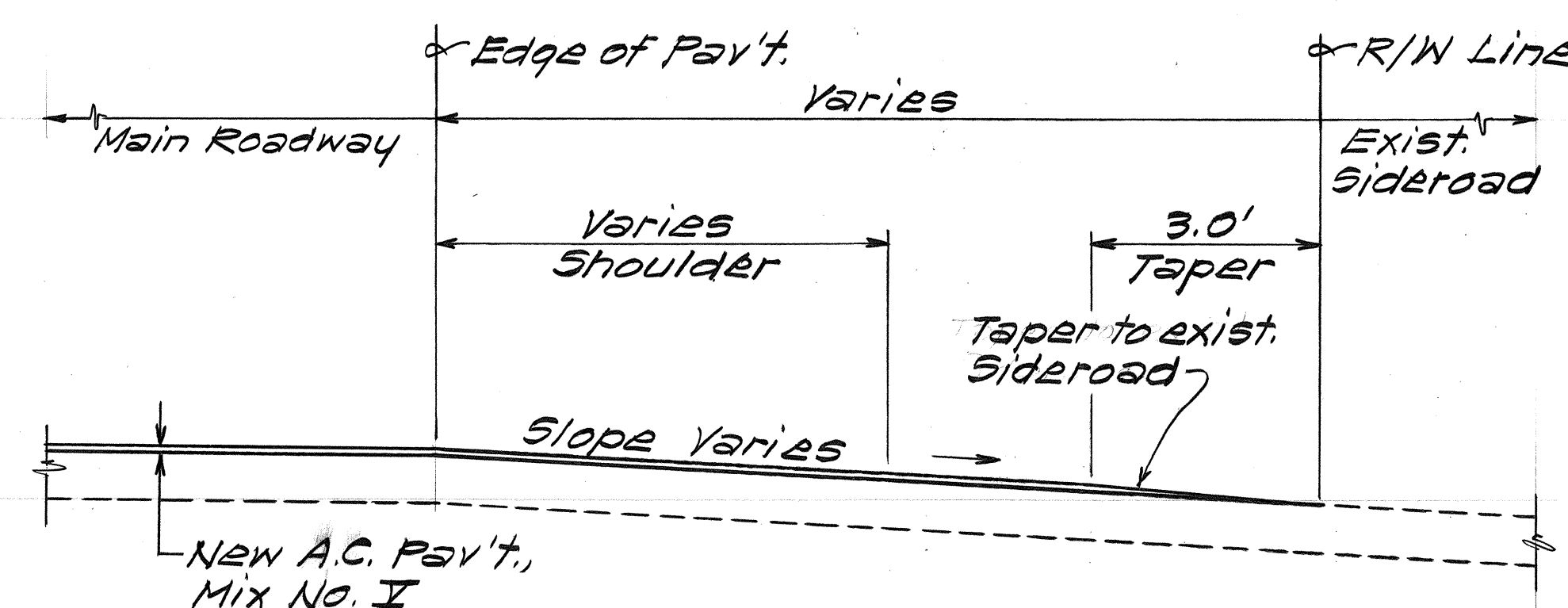


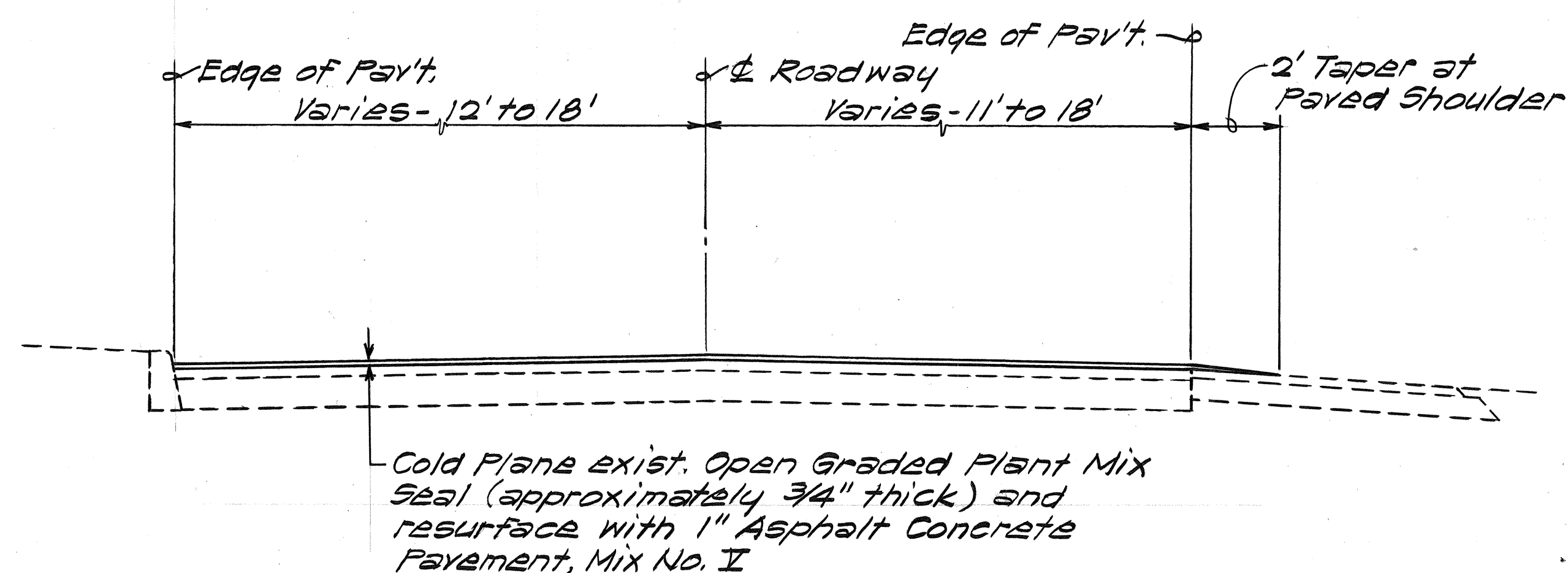
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99C-01-84M | 1984        | 3         | 9            |



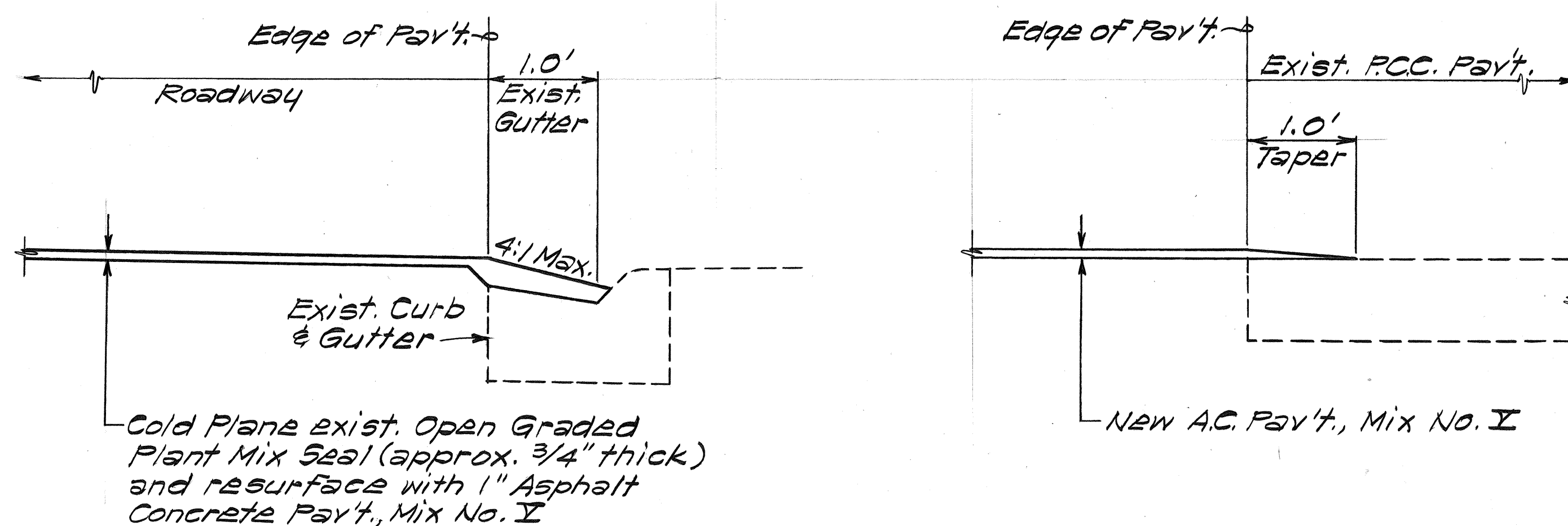
**TYPICAL HALF SECTION  
FOUR LANE DIVIDED**  
Scale:  $\frac{3}{8}'' = 1'-0''$



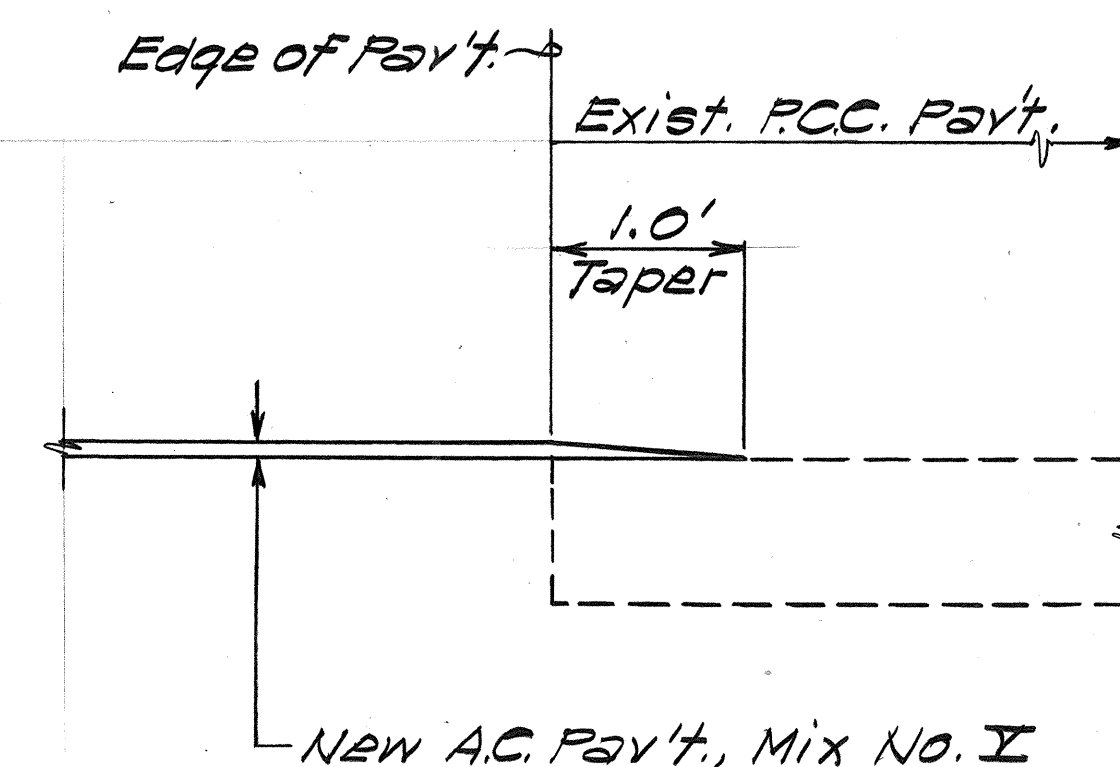
**SIDEROAD CONNECTION DETAIL**  
Scale:  $\frac{1}{2}'' = 1'-0''$



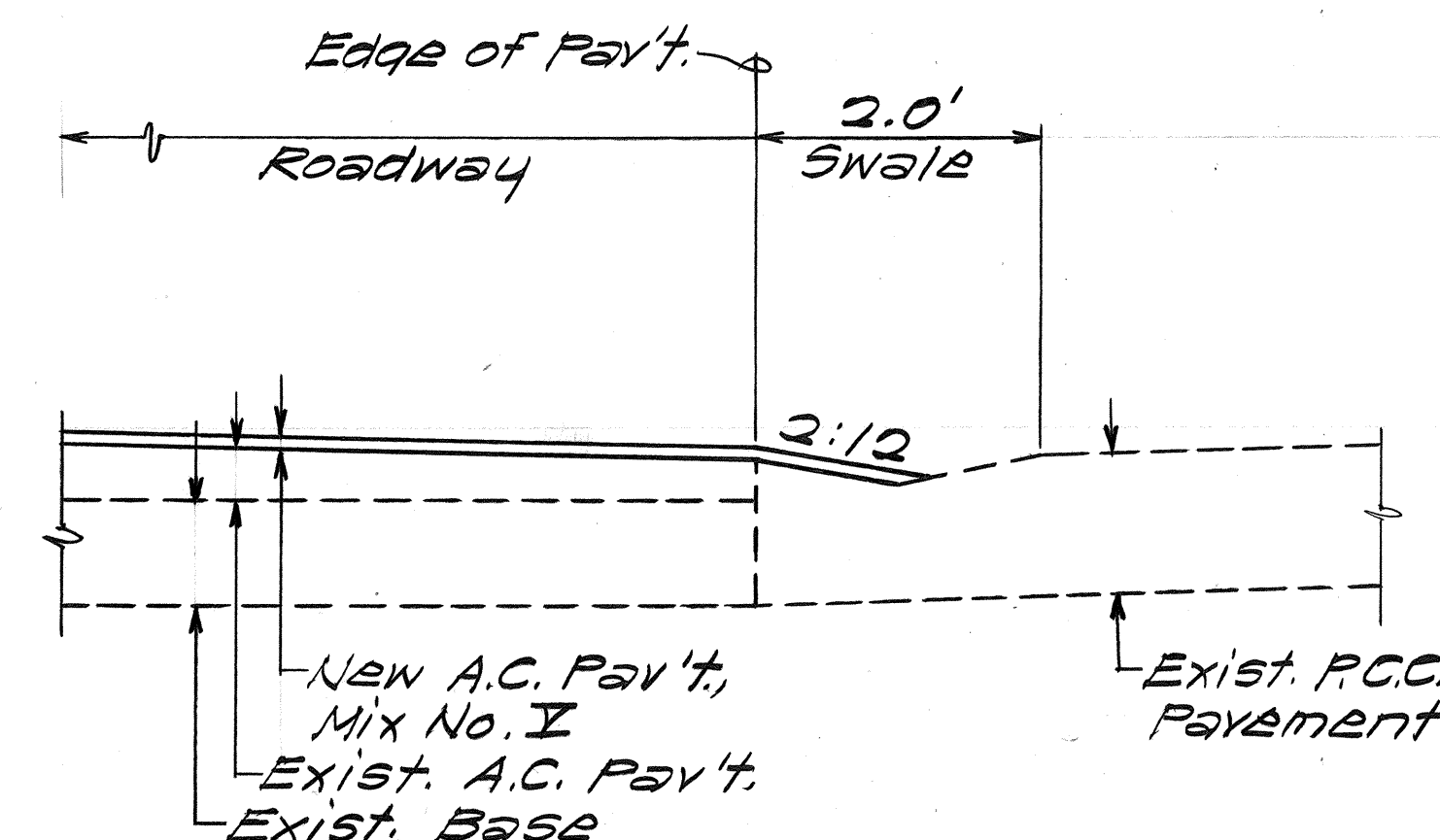
**TYPICAL TWO LANE SECTION**  
Scale:  $\frac{3}{8}'' = 1'-0''$



**TYPICAL SECTION  
AT CURB & GUTTER**  
Scale:  $1'' = 1'-0''$



**TYPICAL SECTION  
AT P.C.C. PAVEMENT**  
Scale:  $1'' = 1'-0''$

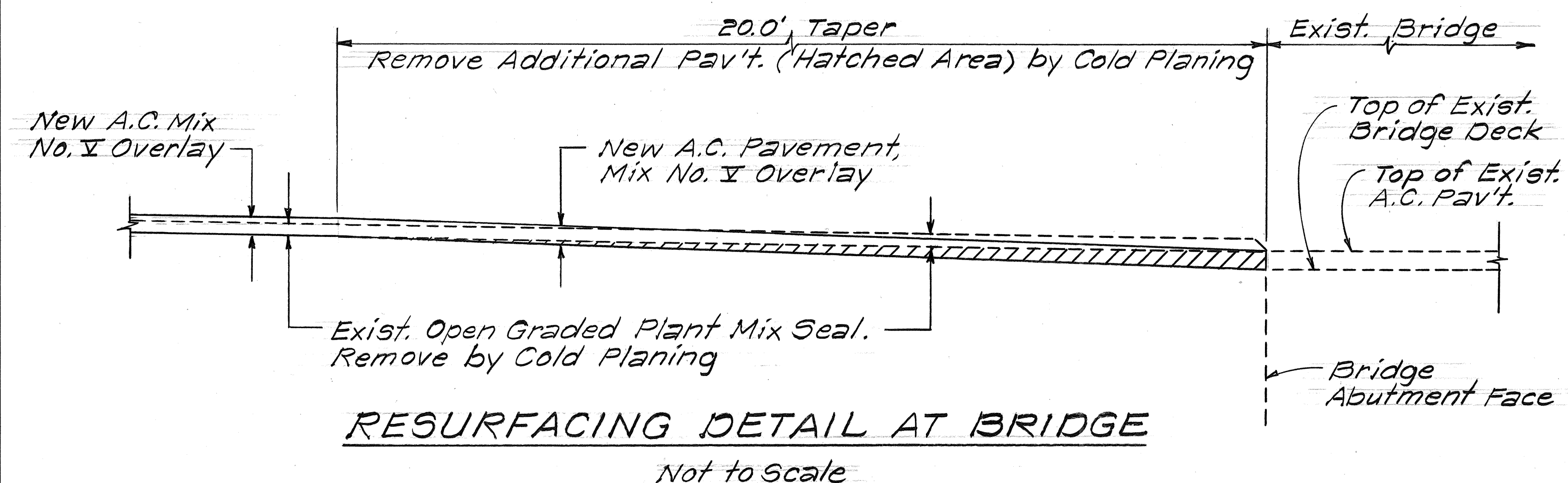
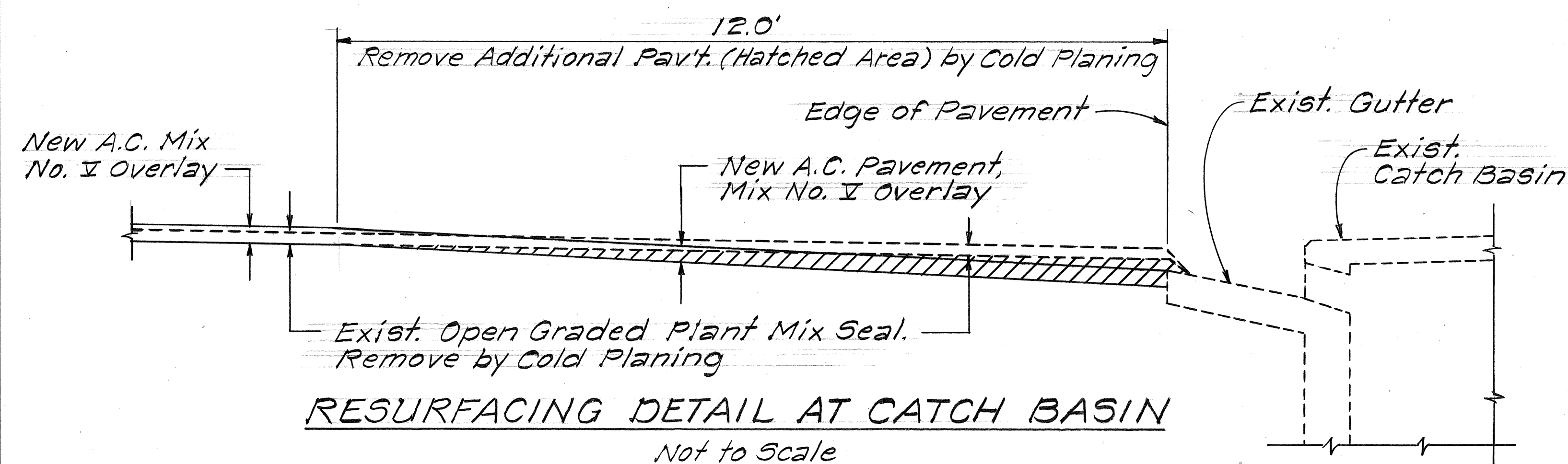


**TYPICAL SECTION  
AT P.C.C. DRAINAGE SWALE**  
Scale:  $\frac{3}{4}'' = 1'-0''$

|                                                                      |  |  |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |  |  |  |  |  |
| <b>TYPICAL SECTIONS &amp; DETAILS</b>                                |  |  |  |  |  |
| WILIKINA DRIVE RESURFACING<br>PROJECT NO. 99C-01-84M                 |  |  |  |  |  |
| Scale: As Shown Date: May, 1984                                      |  |  |  |  |  |
| SHEET NO. 1 OF 2 SHEETS                                              |  |  |  |  |  |

|               |      |
|---------------|------|
| ORIGINAL PLAN | DATE |
| DESIGNED BY   |      |
| TRACED BY     |      |
| NOTED BY      |      |
| CHECKED BY    |      |

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 99C-01-84M | 1984        | 4         | 9            |



| Curve No.            | WK 1            | WK 2            | WK 3         | WK 4         | WK 5                 | WK 5                   | WK 6               | KM 1               |  |
|----------------------|-----------------|-----------------|--------------|--------------|----------------------|------------------------|--------------------|--------------------|--|
| Original Project No. | DA-WR8(3)       | DA-WR8(3)       | DA-WR8(3)    | DA-WR8(3)    | DA-WR8(3)            | DA-WR8(3)              | DA-WR7(1)          | DA-WR7(1)          |  |
| P.C. Station         | 16+87.98        | P.R.C. 20+50.01 | 30+69.76     | 44+18.13     | 82+91.44             | 82+91.44               | 21+88.73           | 21+88.73           |  |
| P.T. Station         | P.R.C. 20+50.01 | 30+50.05        | 35+48.63     | 53+56.61     | 86+17.82             | 86+17.82               | Willikina 33+13.35 | Kamahanui 32+24.61 |  |
| A                    | 0°12'27"        | 0°34'23"        | 19°09'17"    | 37°32'20"    | 37°24'00"            | 37°24'00"              | 22°41'50"          | 59°20'50"          |  |
| R                    | 99,987.14'      | 99,987.14'      | 1,432.40'    | 1,432.40'    | 500.00'              | 500.00'                | 2,836.93'          | 1,000.00'          |  |
| L                    | 362.03'         | 1,000.04'       | 478.87'      | 938.48'      | 326.38'              | 326.38'                | 1,124.62'          | 1,035.88'          |  |
| T                    | 181.02'         | 500.02'         | 241.69'      | 486.78'      | 169.24'              | 169.24'                | 569.78             | 569.78'            |  |
| V                    | N.A.            | N.A.            | 64 MPH       | 64 MPH       | 38 MPH               | 42 MPH                 | 76 MPH             | 56 MPH             |  |
| S.E.                 | -0.015 ft./ft.  | -0.015 ft./ft.  | 0.06 ft./ft. | 0.06 ft./ft. | Inbound 0.04 ft./ft. | Outbound 0.089 ft./ft. | 0.028 ft./ft.      | 0.08 ft./ft.       |  |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**MISCELLANEOUS RESURFACING  
DETAILS & CURVE DATA SCHEDULE**

**WILIKINA DRIVE RESURFACING**  
**PROJECT NO. 99C-01-84M**

Scale: As Shown Date: May, 1984  
SHEET NO. 2 OF 2 SHEETS