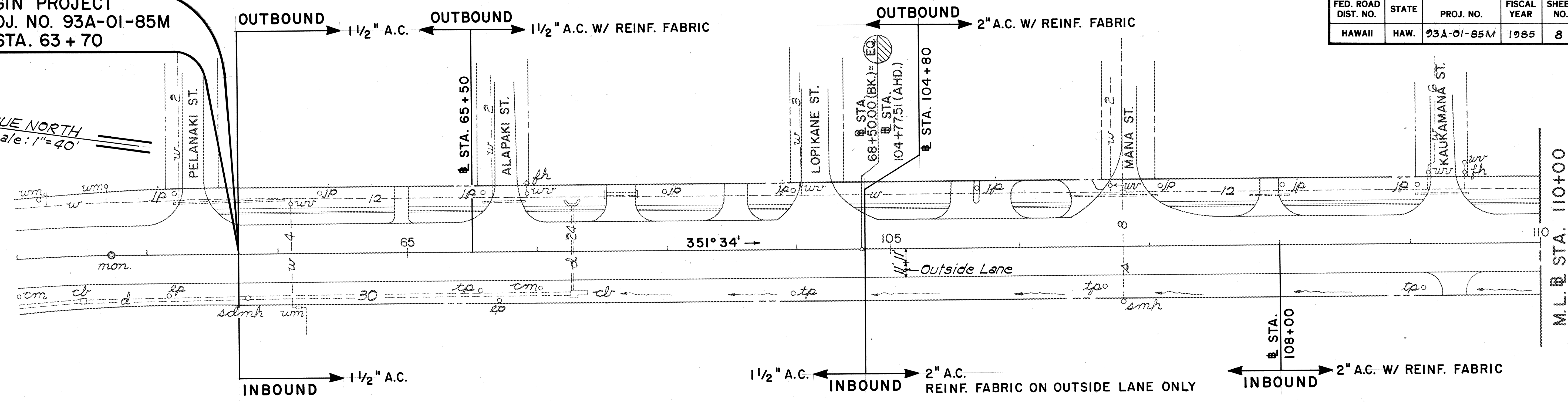


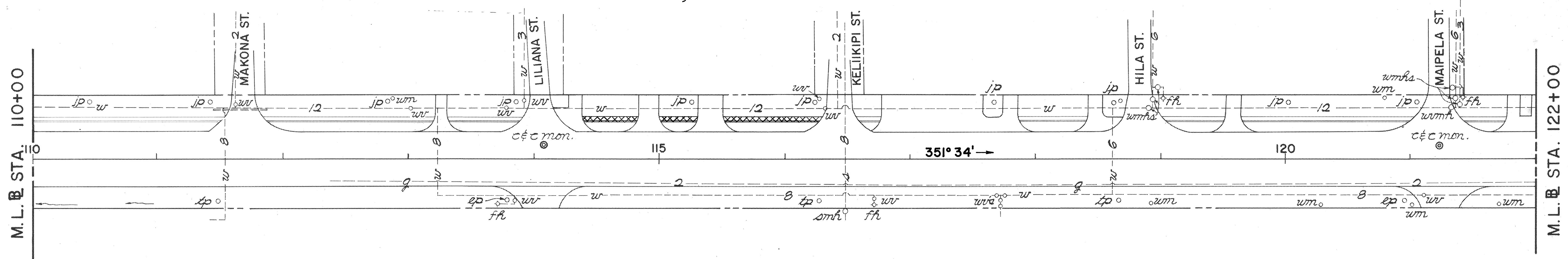
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 93A-01-85M | 1985        | 8         | 30           |

BEGIN PROJECT  
PROJ. NO. 93A-01-85M  
STA. 63+70

TRUE NORTH  
Scale: 1"=40'



Sta. 114+40± Lt. to Sta. 116+30± Lt.  
Construct 67± Sq. Yds. Bituminous  
Sidewalk (Cross Hatched Area).  
Construct 148± Lin. Ft. Bituminous  
Curb, Type G. Provide 10' Long Ramp  
Down at Driveways and Side Road.



TRUE NORTH  
Scale: 1"=40'

|               |       |
|---------------|-------|
| DATE          | _____ |
| DESIGNED BY   | _____ |
| DRAWN BY      | _____ |
| CHECKED BY    | _____ |
| NOTED BY      | _____ |
| QUANTITIES BY | _____ |
| NO.           | _____ |

APPROVED:

*R. Vagstad*  
CHIEF, PLANNING & ENGINEERING, BWS 11-8-84 DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

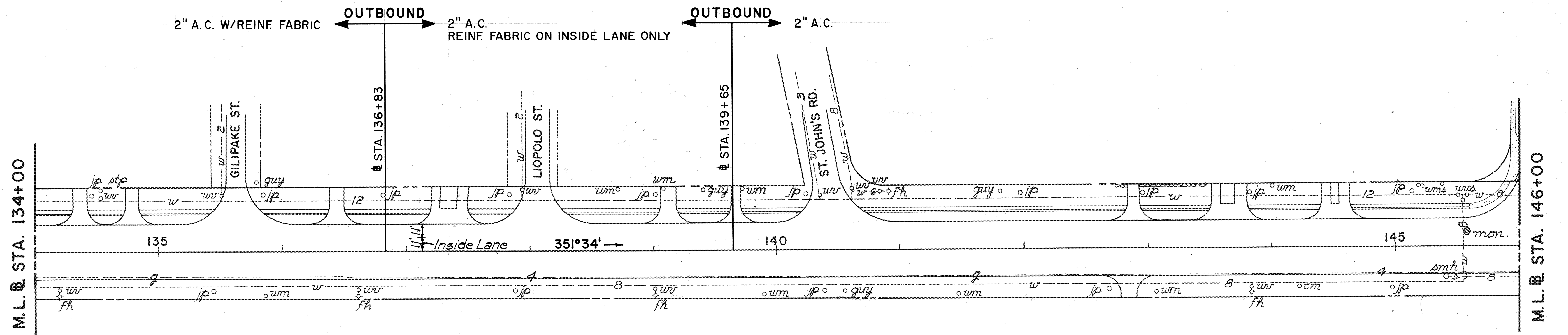
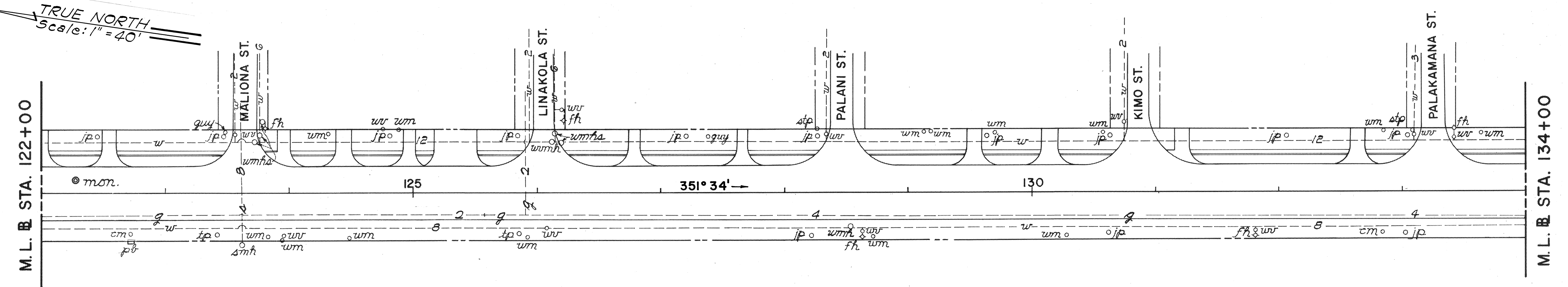
**PLAN**

**FARRINGTON HIGHWAY RESURFACING**  
Pelanaki St. toward Uleahwa Bridge  
PROJECT NO. 93A-01-85

Scale: As Shown Date: Nov., 1984

SHEET NO. 1 OF 5 SHEETS

| FED. ROAD<br>DIST. NO. | STATE | PROJ. NO.  | FISCAL<br>YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|------------------------|-------|------------|----------------|--------------|-----------------|
| HAWAII                 | HAW.  | 93A-01-85M | 1985           | 2            | 30              |



**APPROVED:**

*R. Magato* 11-8-84  
 (for) CHIEF, PLANNING & ENGINEERING, BWS DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

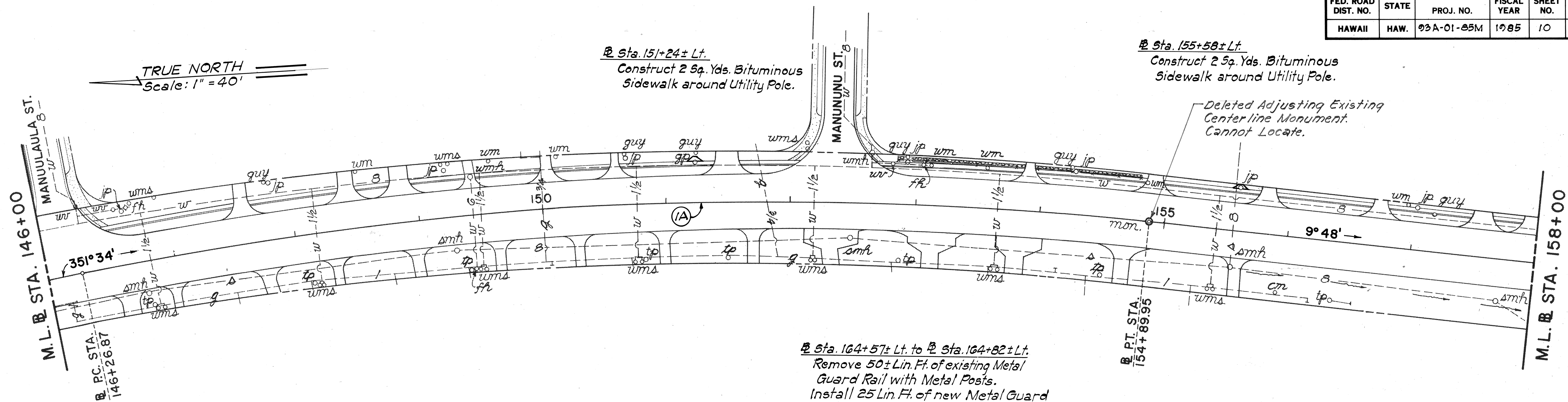
PLAN

FARRINGTON HIGHWAY RESURFACING  
Pelanaki St. toward Ulehewa Bridge  
PROJECT NO. 93A-01-85M

Scale: As Shown      Date: Nov., 1984

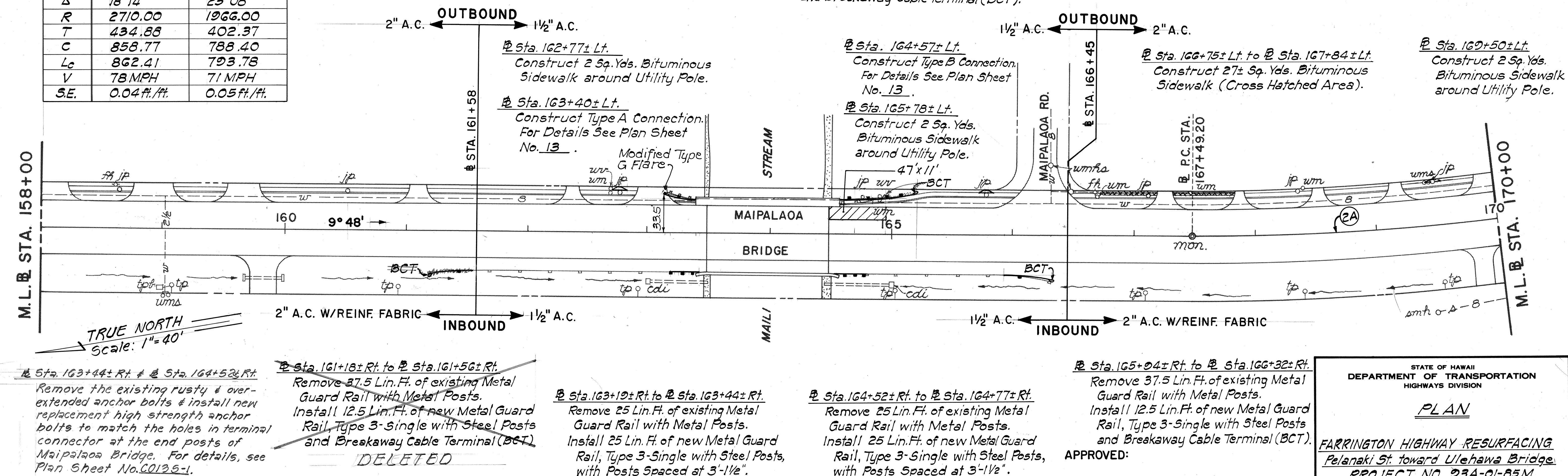
**SHEET No. 2 OF 5 SHEETS**

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 03A-01-85M | 1985        | 10        | 30           |



CURVE DATA

|          | (1A)         | (2A)         |
|----------|--------------|--------------|
| $\Delta$ | 18°14'       | 23°08'       |
| R        | 2710.00      | 1966.00      |
| T        | 434.88       | 402.37       |
| C        | 858.77       | 788.40       |
| Lc       | 862.41       | 793.78       |
| V        | 78 MPH       | 71 MPH       |
| S.E.     | 0.04 ft./ft. | 0.05 ft./ft. |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PLAN**

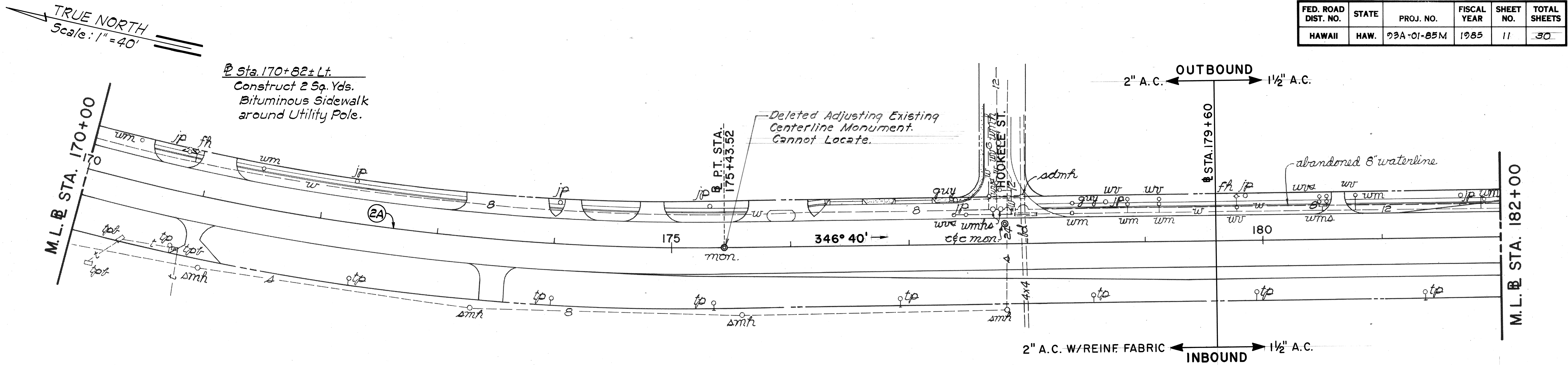
FARRINGTON HIGHWAY RESURFACING  
Pelanaki St. toward Ulehuwa Bridge  
PROJECT NO. 03A-01-85M

Scale: As Shown Date: Nov, 1984

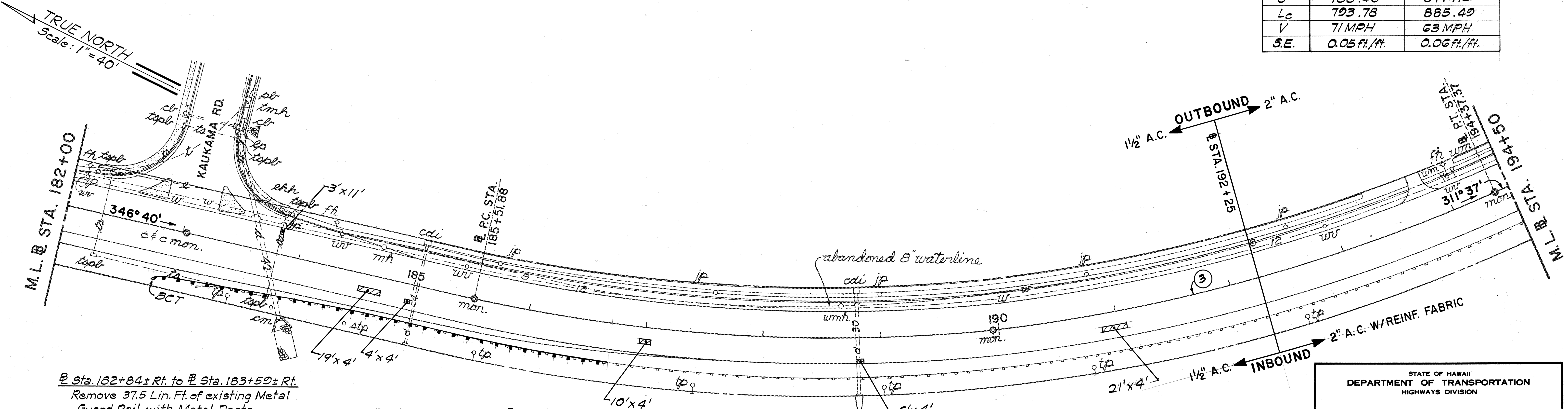
SHEET No. 3 OF 5 SHEETS

APPROVED: *[Signature]* 11-8-84  
CHIEF, PLANNING & ENGINEERING BWS DATE

| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 23A-01-85M | 1985        | 11        | 30           |



| CURVE DATA |              |              |
|------------|--------------|--------------|
|            | (2A)         | (3)          |
| $\Delta$   | 23° 08'      | 35° 03'      |
| R          | 1966.00      | 1447.50      |
| T          | 402.37       | 457.09       |
| C          | 788.40       | 871.75       |
| Lc         | 793.78       | 885.49       |
| V          | 71 MPH       | 63 MPH       |
| S.E.       | 0.05 ft./ft. | 0.06 ft./ft. |



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PLAN**

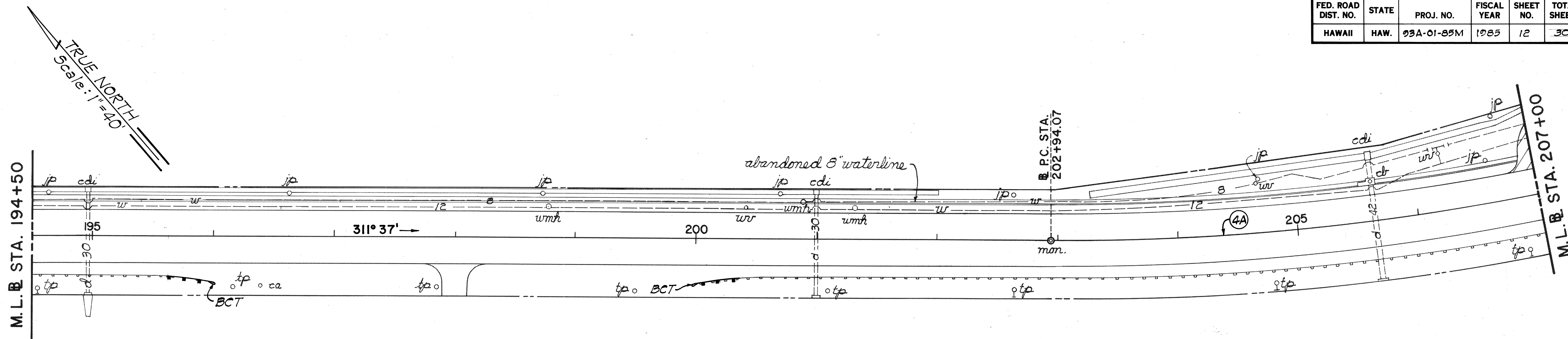
FARRINGTON HIGHWAY RESURFACING  
Pelanaki St. toward Ulehuwa Bridge  
PROJECT NO. 23A-01-85M  
Scale: As Shown Date: Nov. 1984  
SHEET No. 4 OF 5 SHEETS

APPROVED:

*R. H. H. H.*  
CHIEF, PLANNING & ENGINEERING, BWS # 11-8-84  
DATE

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| TRACED BY         |      |
| CHECKED BY        |      |
| NOTE BOOK         |      |
| NO.               |      |

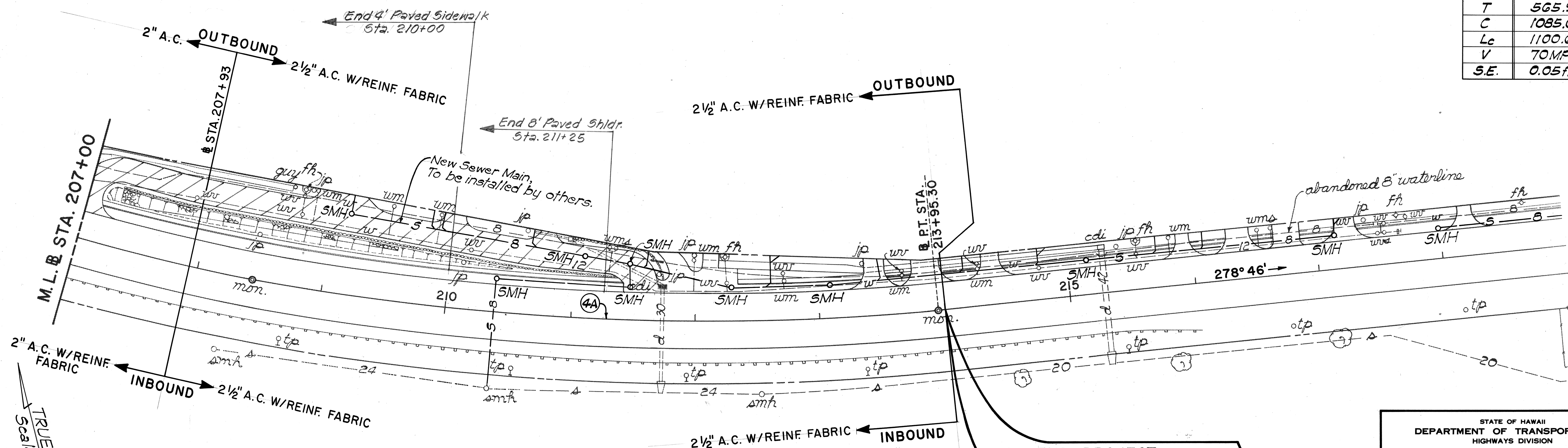
| FED. ROAD DIST. NO. | STATE | PROJ. NO.  | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 93A-01-85M | 1985        | 12        | 30           |



From Sta. 195+63± Rt. to Sta. 196+00± Rt.  
Remove 37.5 Lin. Ft. of existing Metal Guard Rail with Metal Posts.  
Install 12.5 Lin. Ft. of new Metal Guard Rail, Type 3-Single with Steel Posts and Breakaway Cable Terminal (BCT).

From Sta. 200+00± Rt. to Sta. 200+38± Rt.  
Remove 37.5 Lin. Ft. of existing Metal Guard Rail with Metal Posts.  
Install 12.5 Lin. Ft. of new Metal Guard Rail, Type 3-Single with Steel Posts and Breakaway Cable Terminal (BCT).

| CURVE DATA |              |
|------------|--------------|
|            | (4A)         |
| Δ          | 32° 51'      |
| R          | 1919.77      |
| T          | 565.23       |
| C          | 1085.67      |
| Lc         | 1100.68      |
| V          | 70 MPH       |
| S.E.       | 0.05 ft./ft. |



NOTE:  
Hatched area denotes paved with 1 1/2" A.C., Mix I under this Contract. (C.C.O. No. 1)

END PROJECT  
PROJ. NO. 93A-01-85M  
Sta. 214+00

APPROVED:

CHIEF, PLANNING & ENGINEERING, BWS  
11-8-84 DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

PLAN

FARRINGTON HIGHWAY RESURFACING  
Pelanaki St. toward Uleahua Bridge  
PROJECT NO. 93A-01-85M

Scale: As Shown Date: Nov., 1984  
SHEET No. 5 OF 5 SHEETS