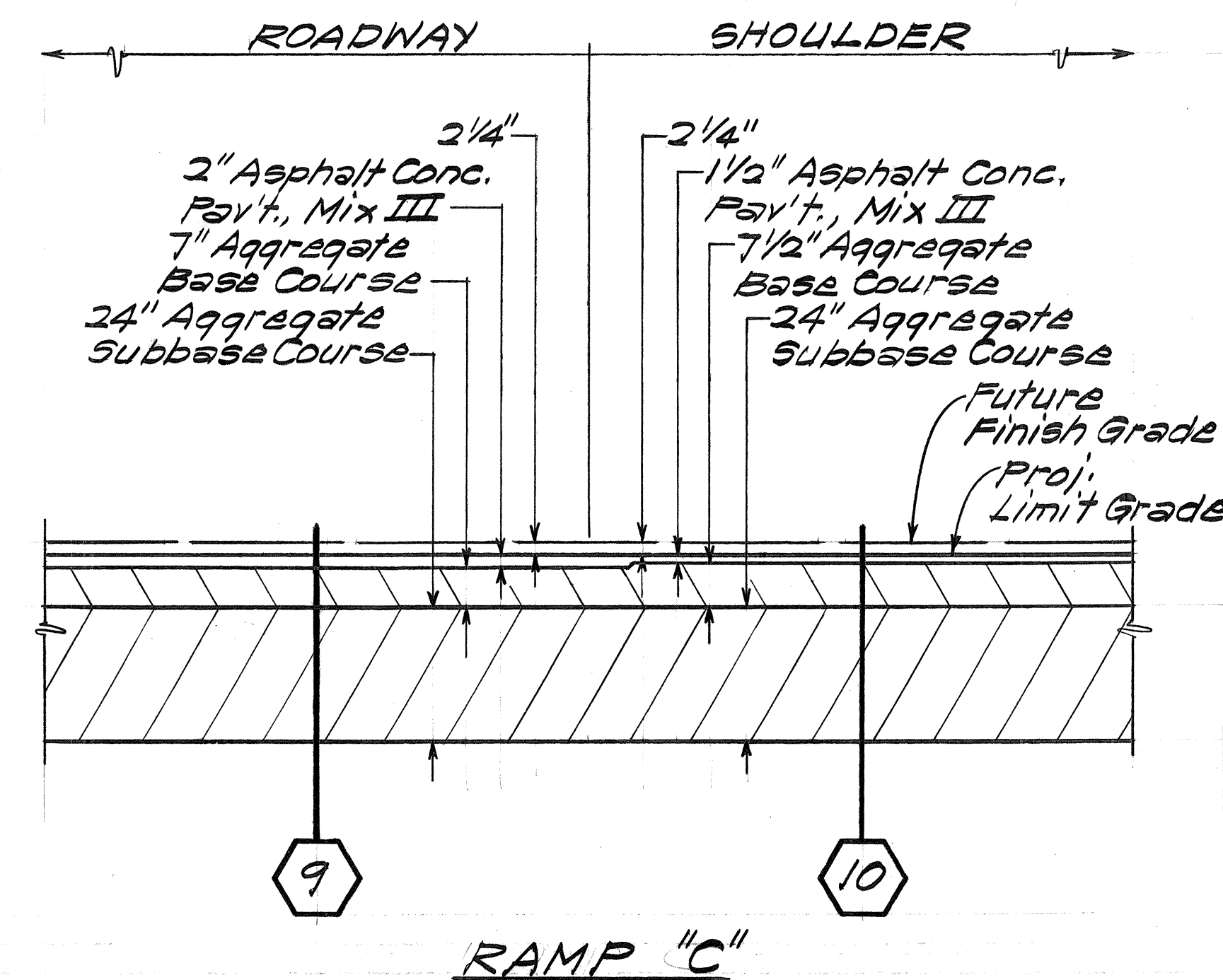
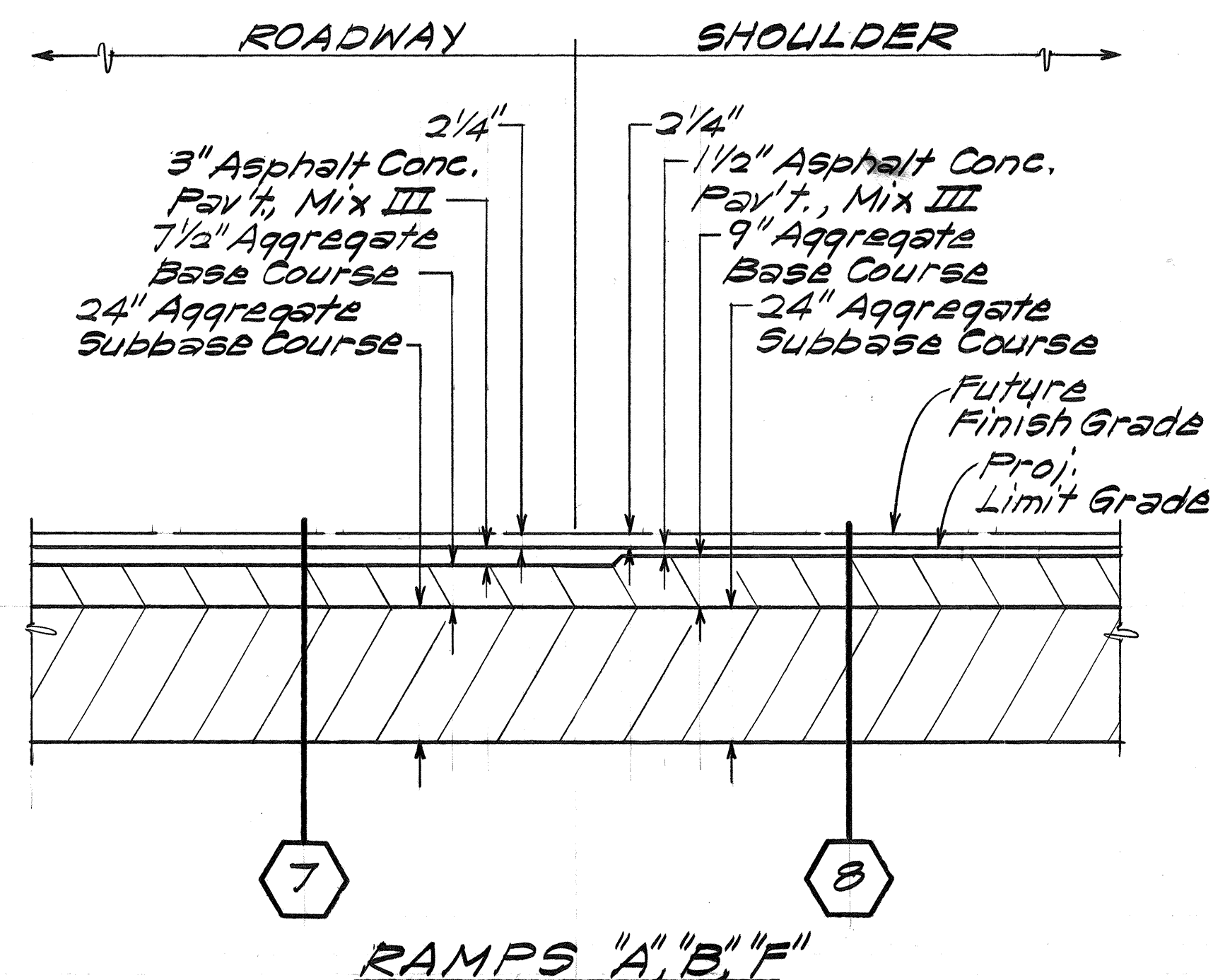
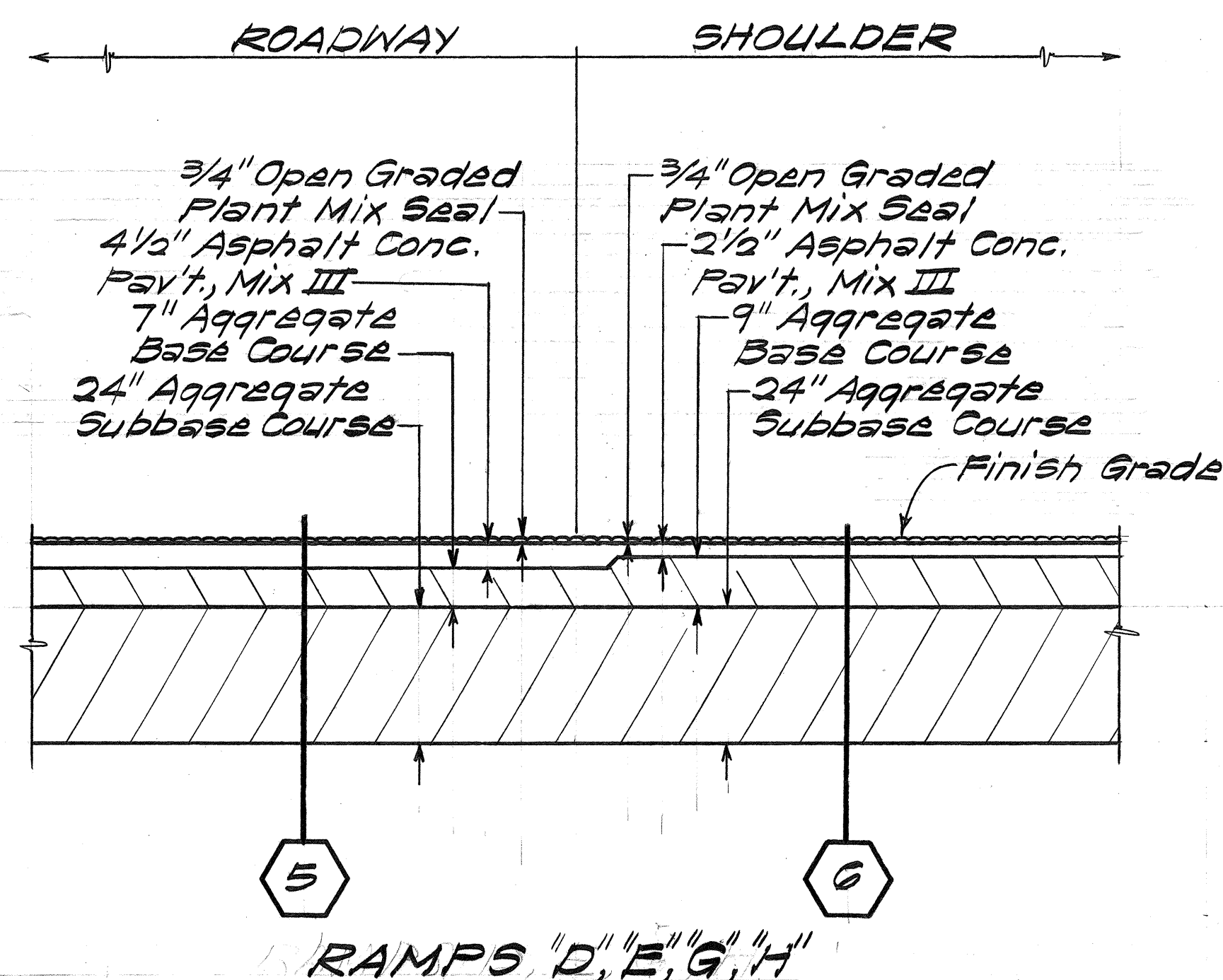
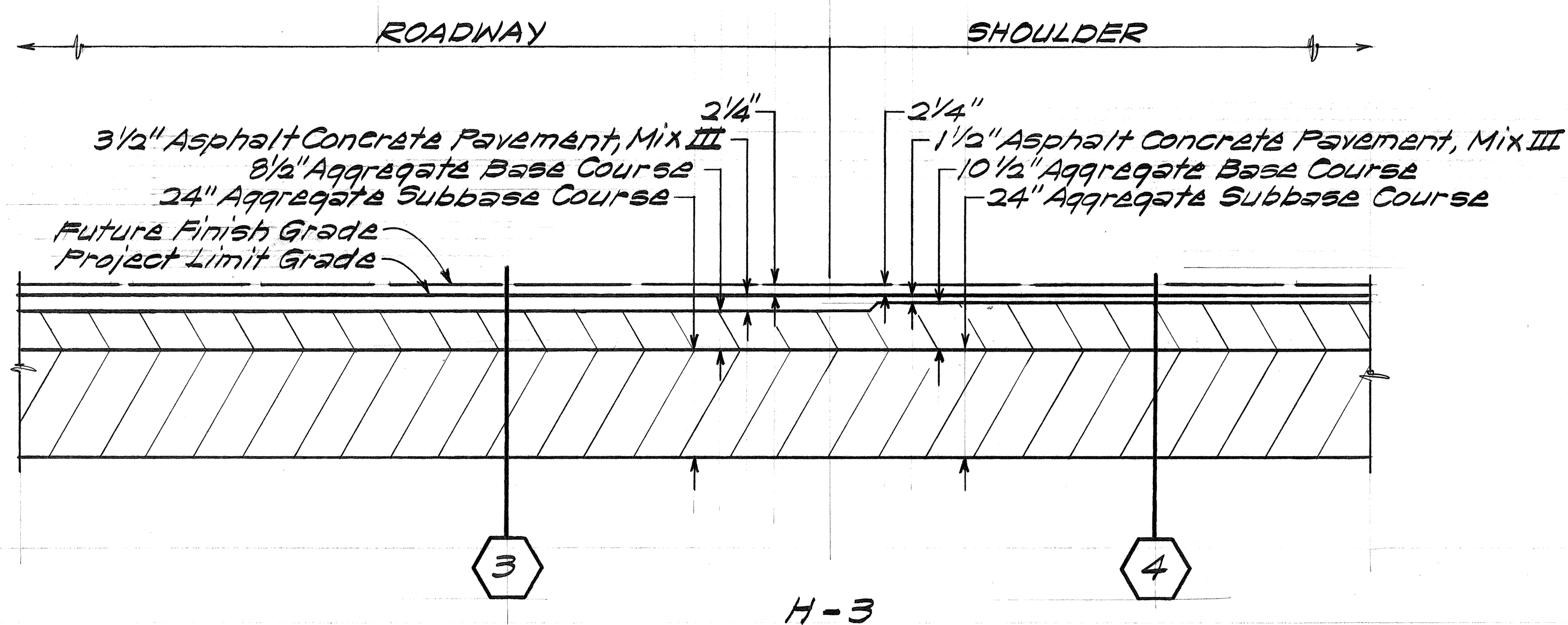
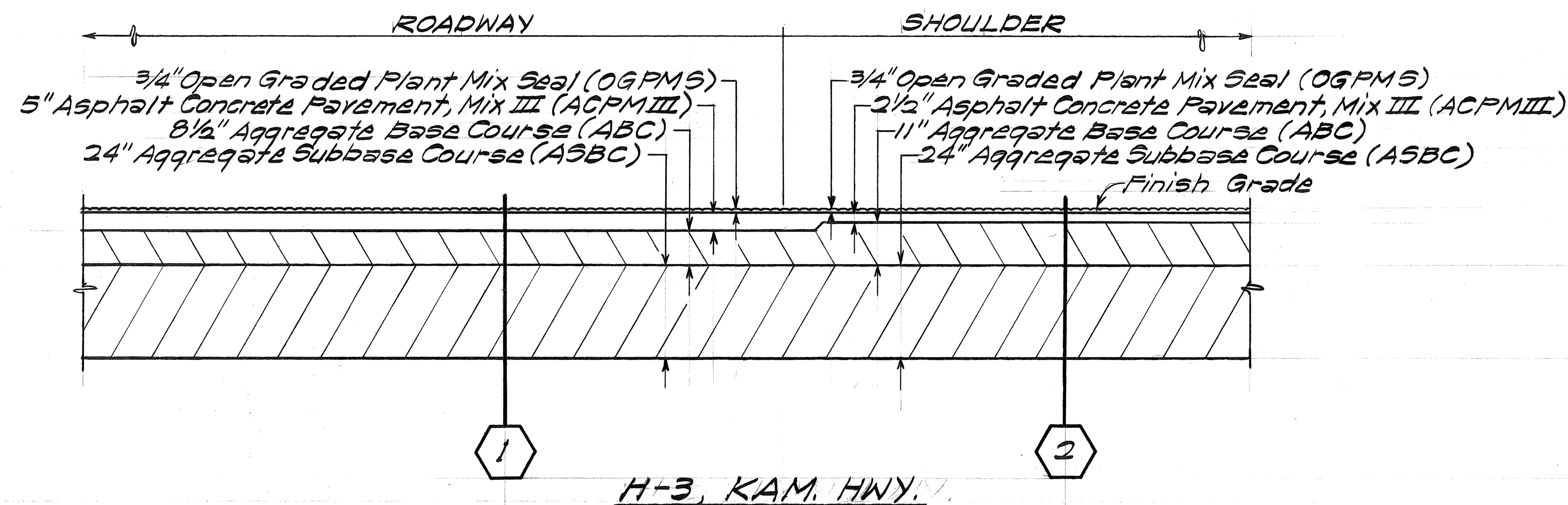


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-H3-(24):11       | 1983        | 2         | 328          |

# NOTES

- The following roadway sections shall be constructed to finish grades:
  - H-3 ~ Sta. 515+00 to Sta. 526+00
  - Ramps "D," "E," "G," "H"
  - Entire Kamehameha Highway
  - Service Roads
  - Private Driveways
- The remaining H-3 roadway and Ramps "A," "B," "C," "F" shall be constructed to Project Limit Grades; all grade control points shall be taken from the Future Finish Grades.
- Filter material to be placed between shoulder and fill slope shall be paid for as Filter Material for Underdrains.
- Type 1 Seal Coat (MC-30) to be placed on the shoulders of the Service Road shall be incidental to Aggregate Subbase.



## TYPICAL ROADWAY SECTIONS PAVEMENT DESIGNS

Not to Scale

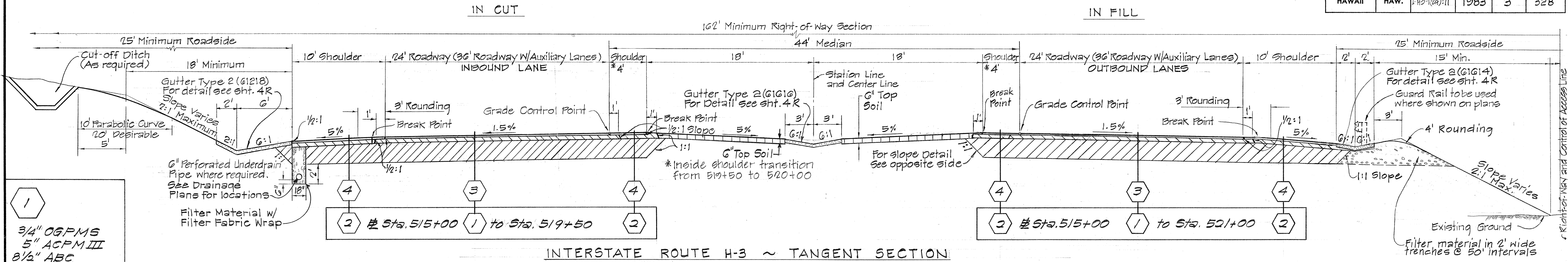
12/22/82 Added Note Nos. 3 and 4 per Addendum No. 1.

DATE REVISION

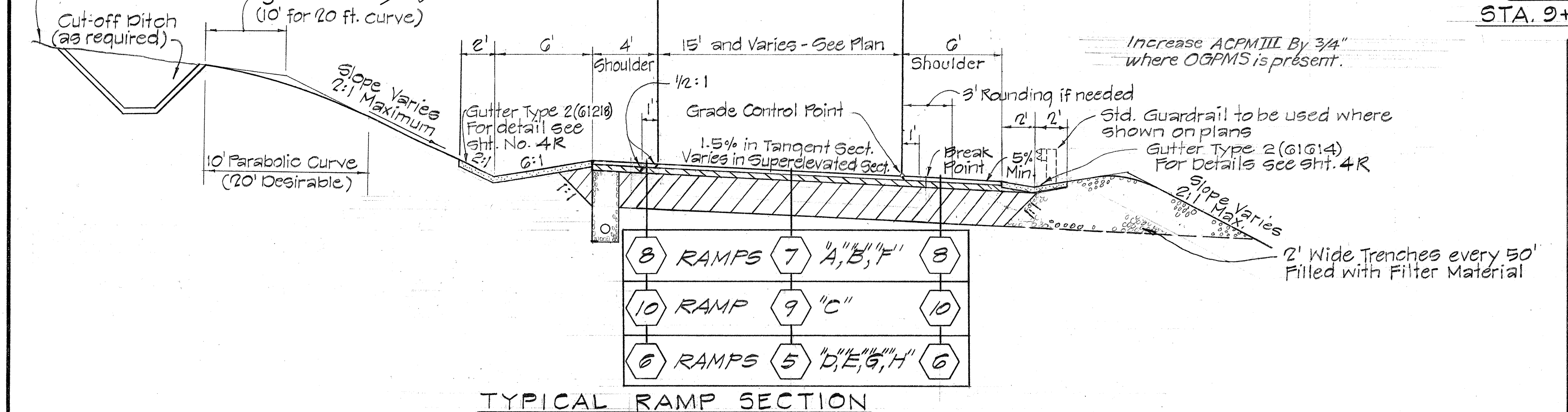
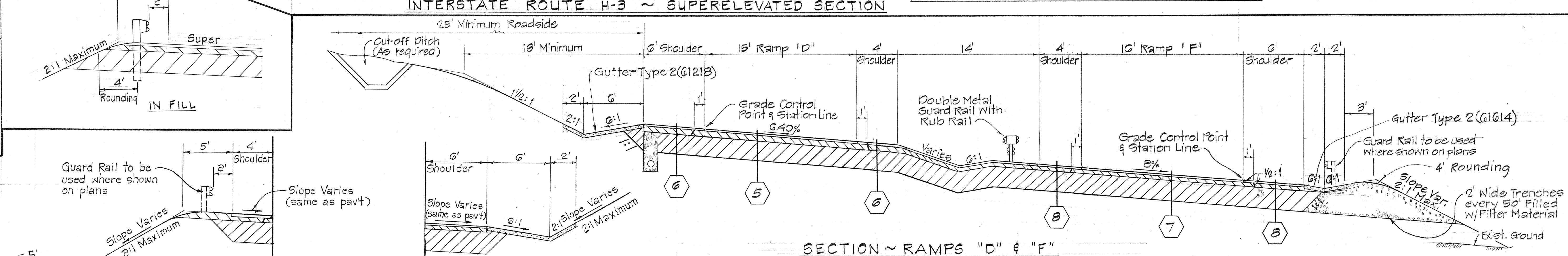
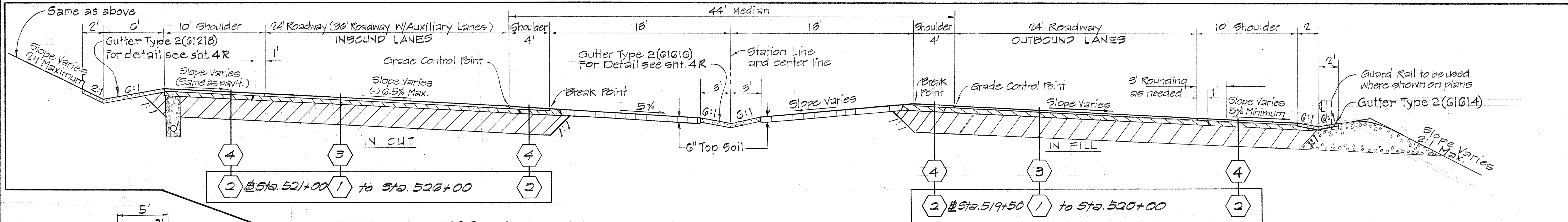
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION  
**TYPICAL ROADWAY SECTIONS  
PAVEMENT DESIGNS**  
**HALEKOU INTERCHANGE**  
**FA.I. PROJECT NO. I-H3-(24):11**  
Scale: As Shown Date: Oct, 1982  
SHEET NO. 12 OF 5 SHEETS

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

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 143-1(24)-11       | 1983        | 3         | 328          |



- 1 3/4" OGPMs 5" ACPM III 8 1/2" ABC 24" ASBC
- 2 3/4" OGPMs 2 1/2" ACPM III 11" ABC 24" ASBC
- 3 3 1/2" ACPM III 8 1/2" ABC 24" ASBC
- 4 1 1/2" ACPM III 10 1/2" ABC 24" ASBC

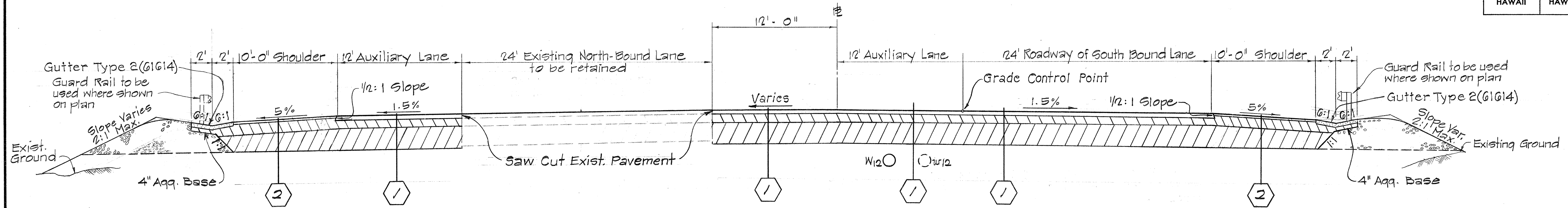


|                                                          |                                                          |                                                 |
|----------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|
| 5<br>3/4" OGPMs<br>4 1/2" ACPM III<br>7" ABC<br>24" ASBC | 6<br>3/4" OGPMs<br>3 1/2" ACPM III<br>9" ABC<br>24" ASBC | 7<br>3" ACPM III<br>7 1/2" ABC<br>24" ASBC      |
| 8<br>1 1/2" ACPM III<br>9" ABC<br>24" ASBC               | 9<br>2" ACPM III<br>7" ABC<br>24" ASBC                   | 10<br>1 1/2" ACPM III<br>7 1/2" ABC<br>24" ASBC |

|                                                                      |                                                                                             |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 12/22/82                                                             | Revised Pav't Struct. Designation for Rt. Side of Superelevated Section per Addendum No. 1. |
| DATE                                                                 | REVISION                                                                                    |
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |                                                                                             |
| TYPICAL ROADWAY SECTIONS                                             |                                                                                             |
| HALEKOU INTERCHANGE                                                  |                                                                                             |
| F.A.I. Proj. No. I-H3-1(24)-11                                       |                                                                                             |
| Scale: 1" = 5'-0"                                                    | Date: June 1975                                                                             |
| SHEET No. 2R OF 5 SHEETS                                             |                                                                                             |

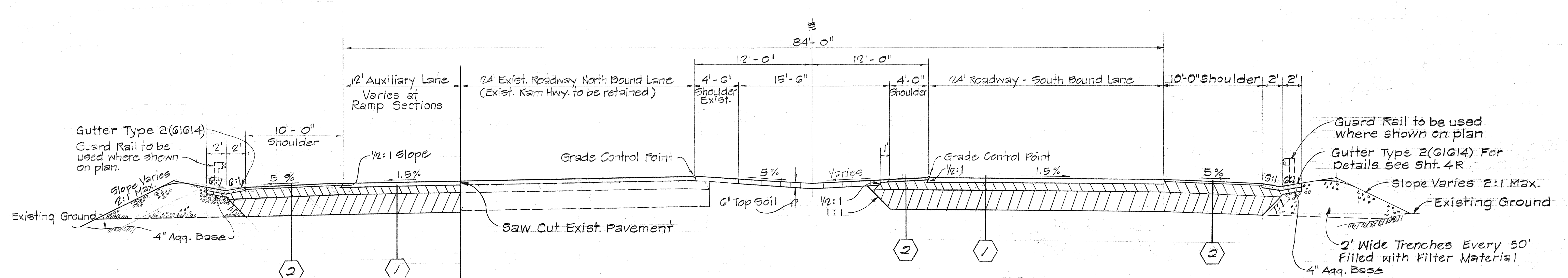
DATE: \_\_\_\_\_  
SURVEY PLOTTED BY: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
ORIGINAL PLAN: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
No. \_\_\_\_\_

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-H3-1(24):11      | 1983        | 4         | 328          |



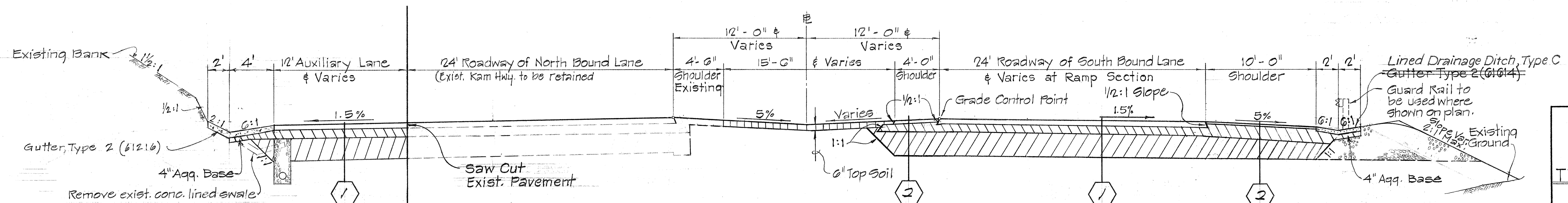
Sta. 98+00± to Sta. 127+00±  
Aux. Lane Thickness 5 3/4" ACPM III

### KAMEHAMEHA HIGHWAY (STA. 115+00)



STA. 106+03 TO STA. 110+43  
STA. 115+30 TO STA. 116+00

### KAMEHAMEHA HIGHWAY (STA. 105+55.27 TO STA. 110+43, STA. 115+30 TO STA. 116+25.31)



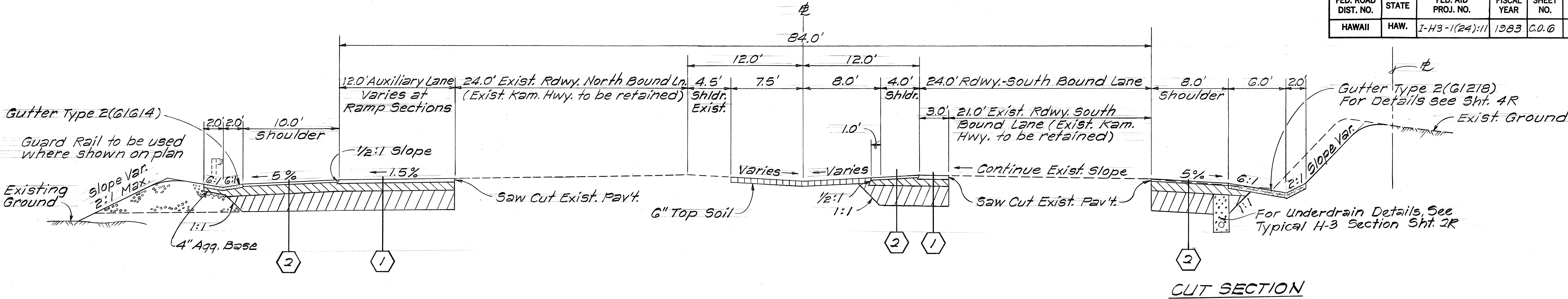
STA. 99+83 TO STA. 106+03

### KAMEHAMEHA HIGHWAY - (STA. 102+70 TO STA. 105+55.27)

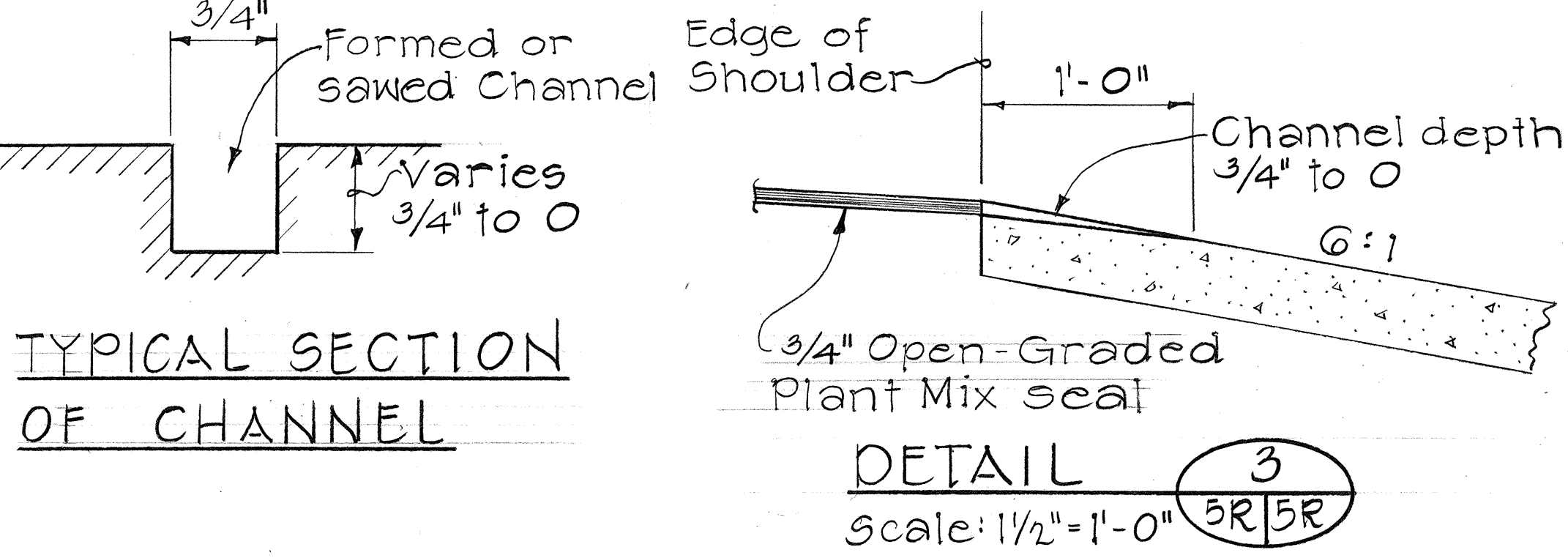
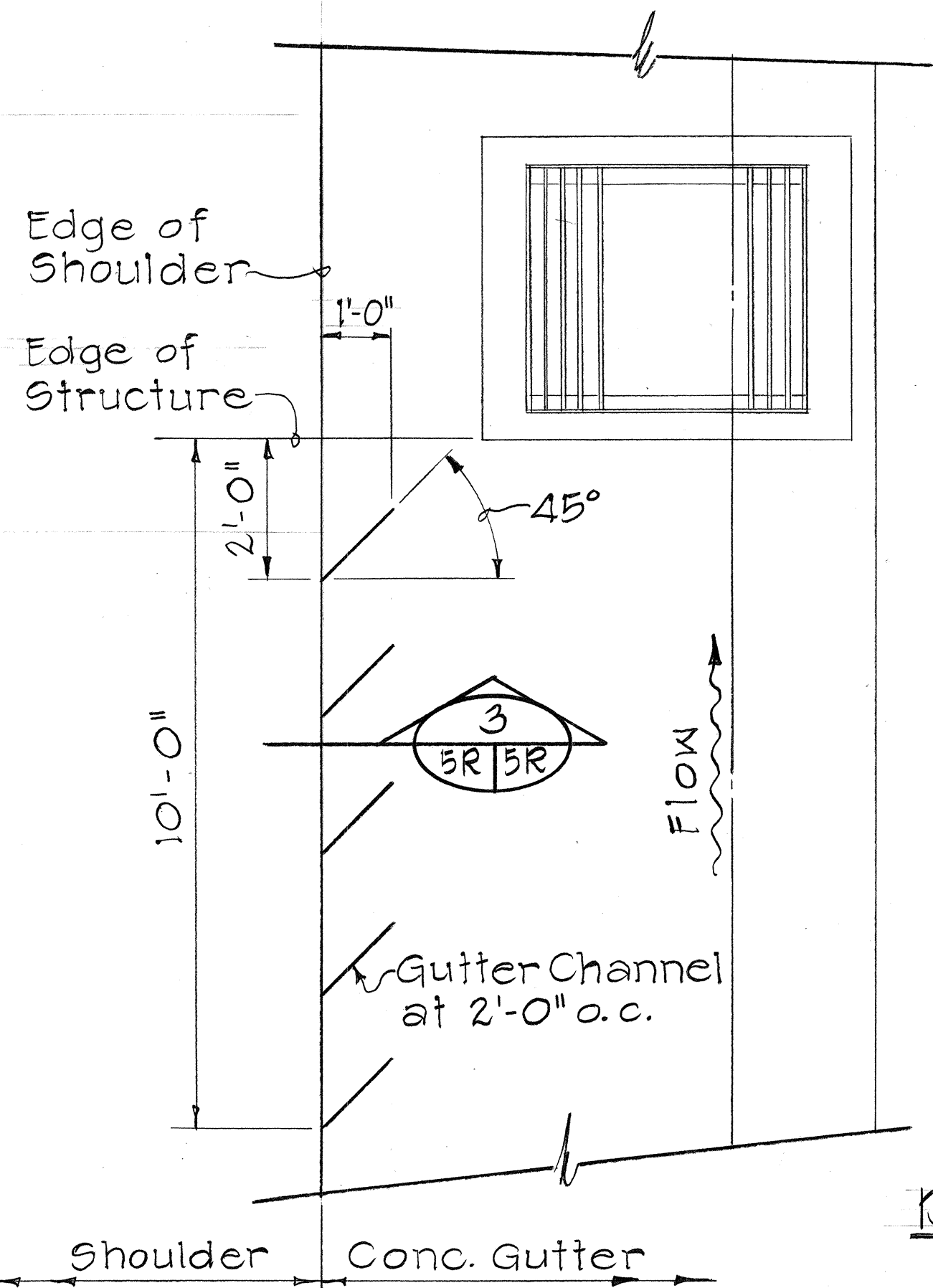
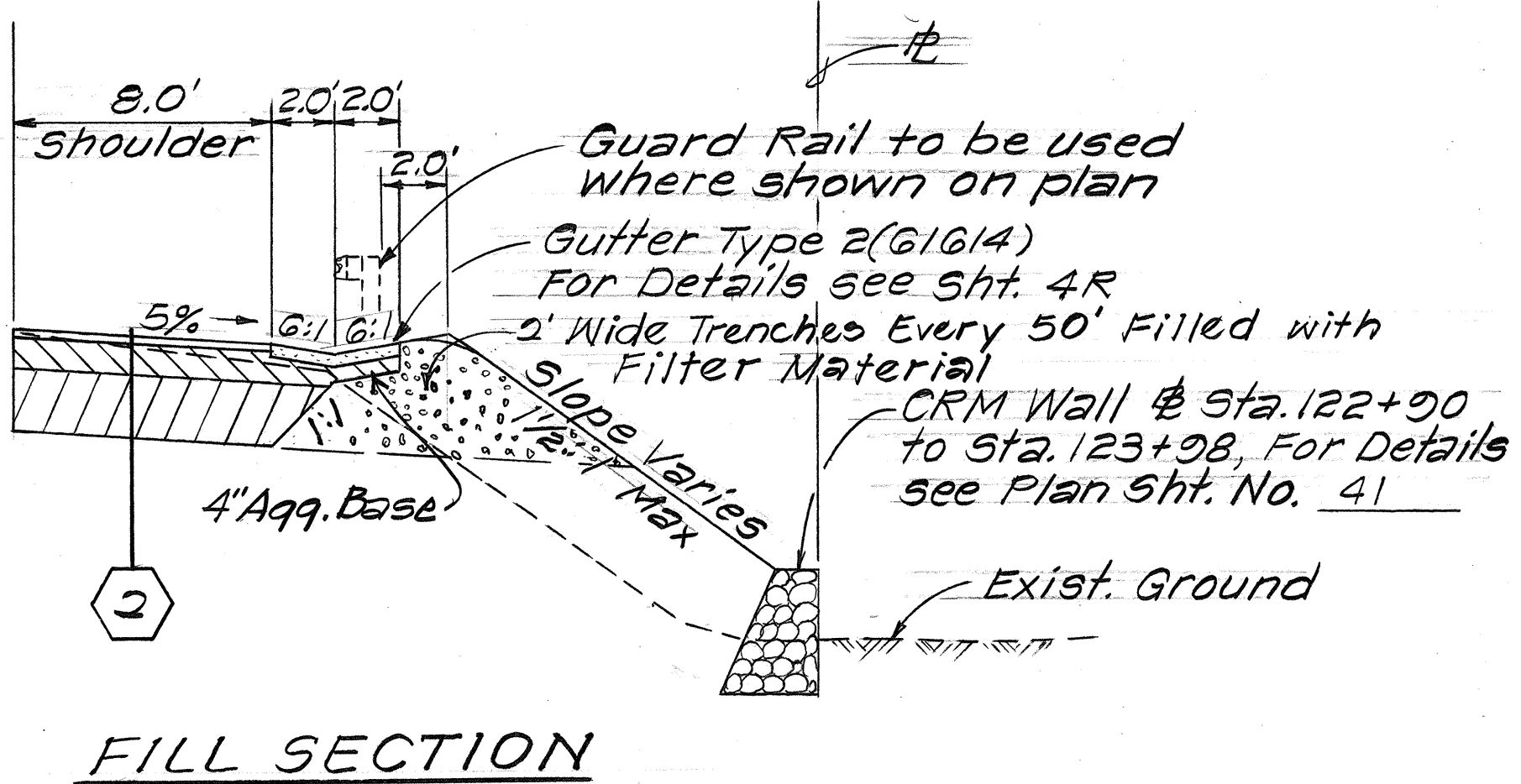
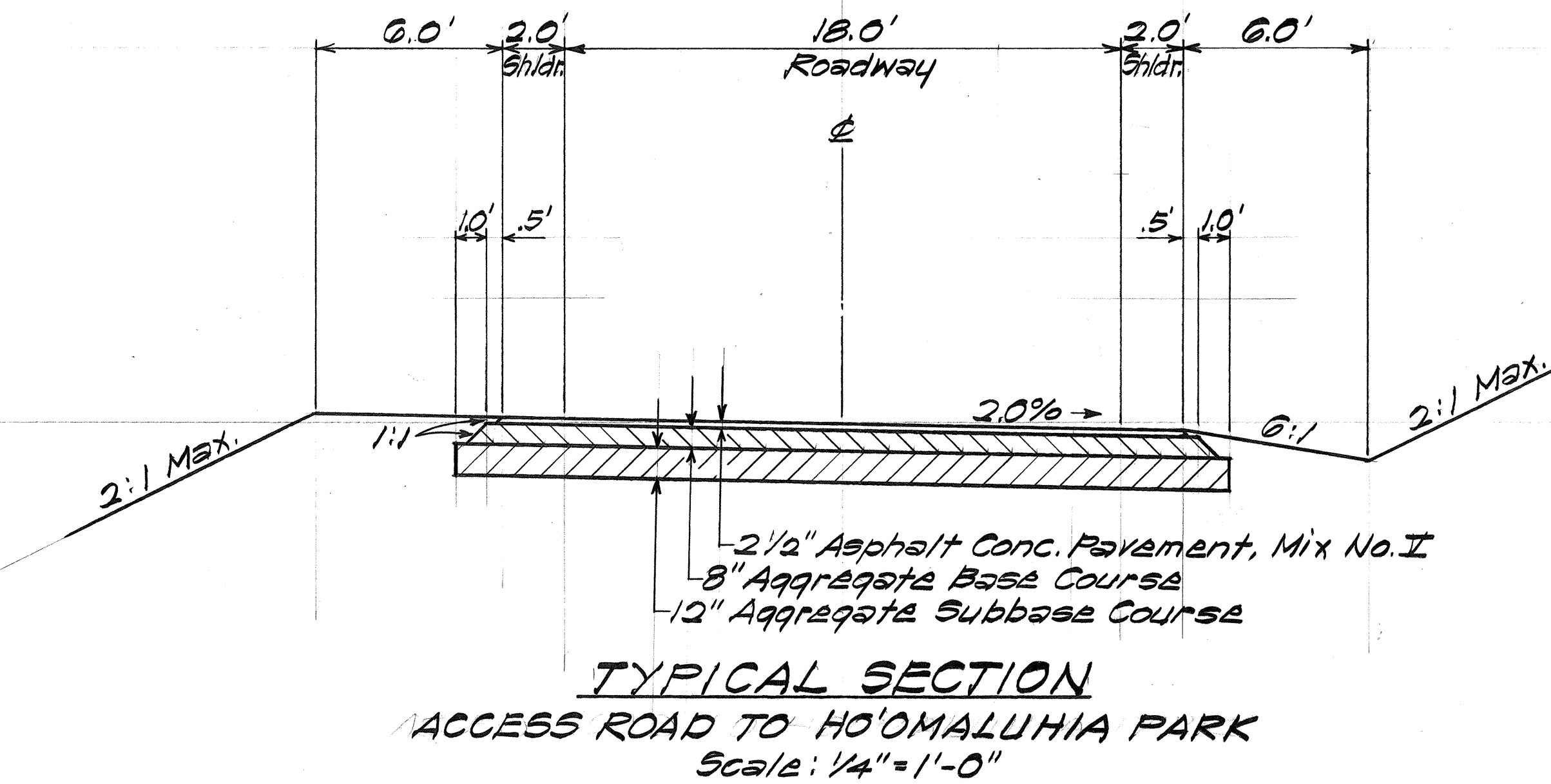
|                                                                      |
|----------------------------------------------------------------------|
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |
| TYPICAL ROADWAY SECTIONS                                             |
| HALEKOU INTERCHANGE                                                  |
| F.A.I. Proj. No. I-H3-1(24):11                                       |
| Scale: 1"=5'-0" Date: June 1975                                      |
| SHEET No. 38 OF 5 SHEETS                                             |



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-H3-1(24):11      | 1983        | C.O.6     | 328          |



KAMEHAMEHA HIGHWAY (STA. 116+25.31 TO STA. 127+00)  
Scale: 1"=5'-0"



DETAILS OF GUTTER CHANNEL

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
LAND TRANSPORTATION FACILITIES DIVISION

TYPICAL ROADWAY SECTIONS  
HALEKOU INTERCHANGE  
F.A.I. Proj. No. I-H3-1(24):11  
Scale: 1"=5'-0" Date: Sept. 1982

DATE  
1/27/84

REVISION  
Tracing revised to show Detail of Gutter Channel.

SHEET NO. 5R OF 5 SHEETS

|                   |      |
|-------------------|------|
| ORIGINAL PLAN     | DATE |
| SURVEY PLOTTED BY |      |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |

The diagram illustrates a cross-section of a road shoulder and ramp E. The top horizontal dimension line shows segments of 3.0', 2.0', 2.0', 4.0' (labeled 'Shoulder'), 16.0' (labeled 'Ramp E'), and 6.0' (labeled 'Shoulder'). On the left side, there is a 4' Rounding and 2' wide Trenches every 50' filled with Filter Material. A Gutter, Type 2 (6/6/4) is indicated, with a note to see details on another sheet. The slope on the left is 6:1. The main ramp has a 1:1 slope. A Grade Control Point is marked on the ramp surface. The pavement structure consists of three layers: 1 1/2" Asphalt Concrete Pavement Mix No. I, 4 1/2" Asphalt Concrete Pavement Mix No. III, and 7" Aggregate Base Course. Below these is a 24" Aggregate Subbase Course. The right side of the diagram shows a 4:1 slope.

The diagram illustrates a cross-section of a road pavement structure. The total width of the pavement is 22.0 feet, divided into three sections: a 4.0-foot shoulder on the left, a central ramp section that varies between 15.0 and 16.0 feet, and a 6.0-foot shoulder on the right. The ramp section is labeled "Varies ~15.0'-16.0'" and "Ramps". The shoulders are labeled "Shoulder". The pavement structure consists of a 1 1/2-inch thick asphalt concrete layer, labeled "1 1/2\" Asphalt Concrete Pavement Mix No. II". The subgrade is shown as a dashed line. The road surface is shown with a 3/4-inch taper on the left shoulder and a 9/16-inch taper on the right shoulder. The road surface is labeled "Road Surface".

Shoulder 2.0'

2.0'

2.0'

Min.

Min. Slope 5%

6:1

6:1

4" Class B Concrete w/ 6x6x10 Wire Mesh (wire mesh incidental to Gutter, Type 2 (G1614))

Fill with Asphalt Concrete (incidental to Gutter, Type 2 (G1614))

Contractor to provide neat edge for gutter

Slope Varies 1 1/2:1 Max.

Provide 10"x10" opening in gutter for Guard Rail Post locations

GUTTER, TYPE 2 (G1614)

Scale: 1/2" = 1'-0"

C.O. 6 S-1