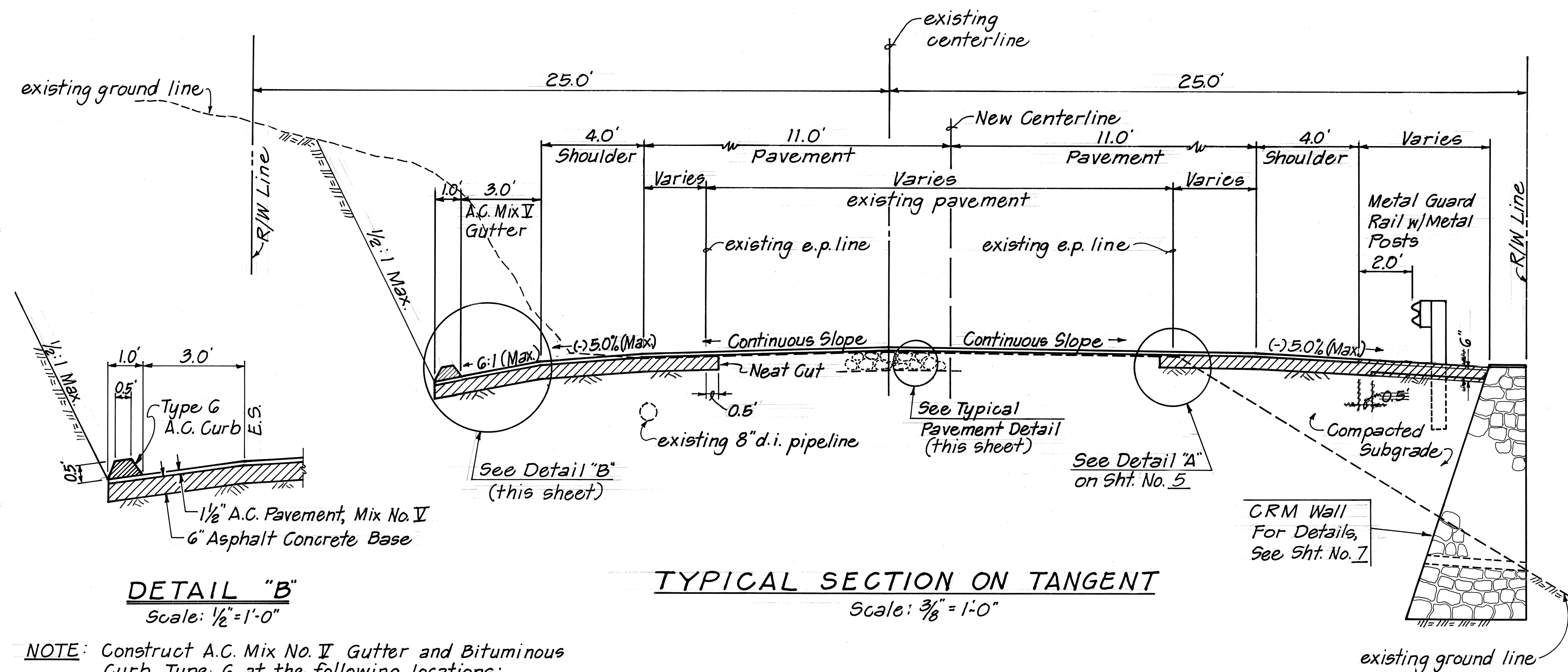


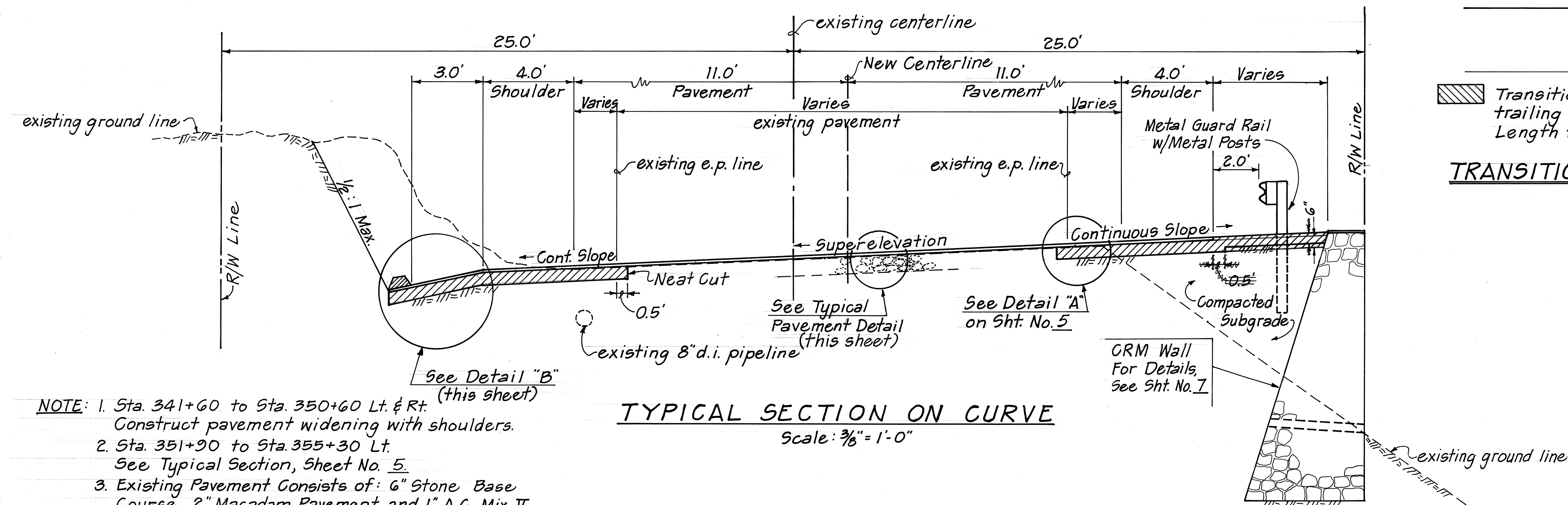
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	11B-02-89	1989	4	15



DETAIL "B"
Scale: $\frac{1}{2}" = 1'-0"$

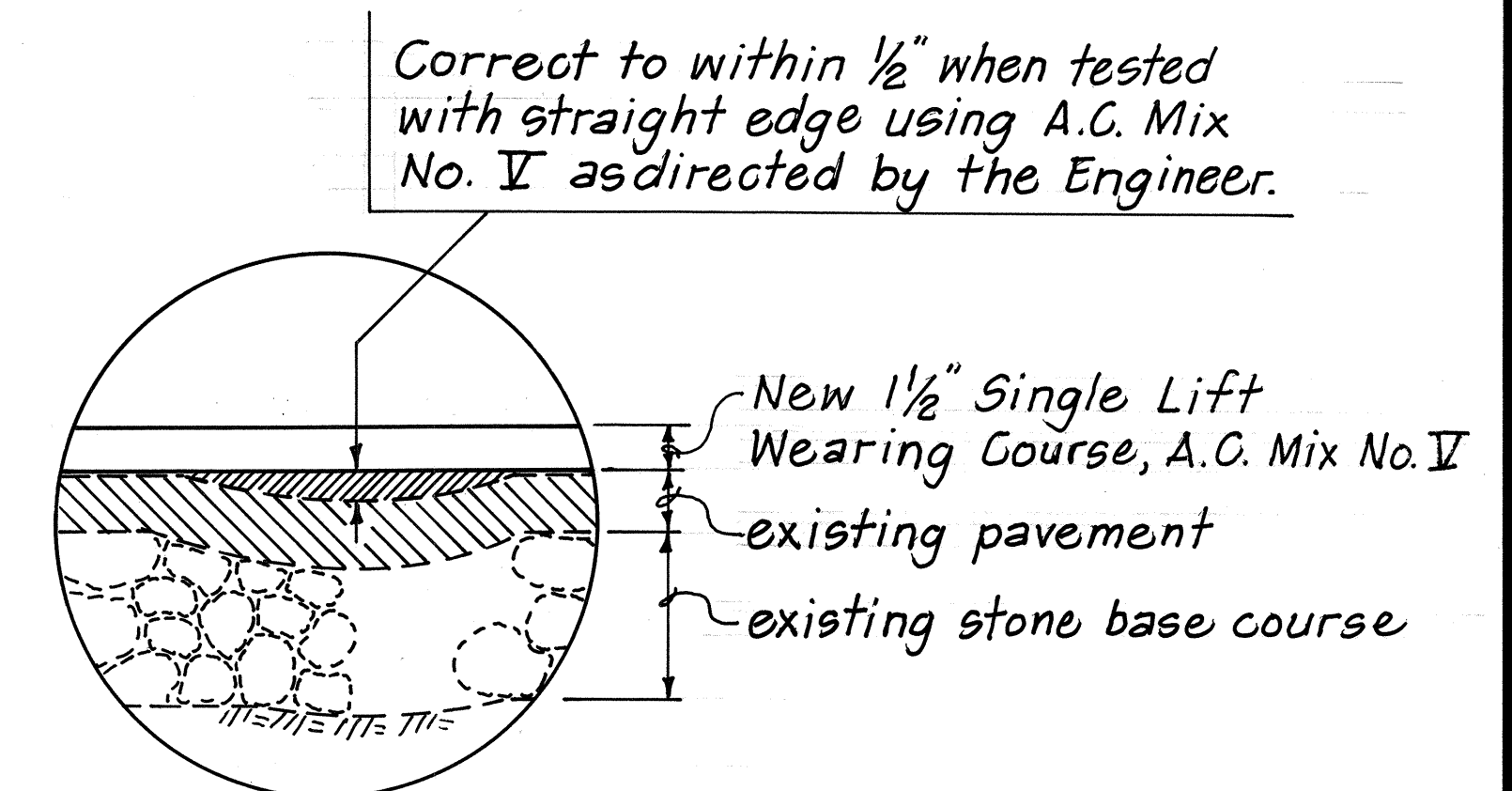
NOTE: Construct A.C. Mix No. II Gutter and Bituminous Curb, Type 6 at the following locations:

Sta. 341+60 ± Lt. to Sta. 345+25 ± Lt.
 Sta. 347+25 ± Lt. to Sta. 349+75 ± Lt.
 Sta. 348+75 ± Rt. to Sta. 350+75 ± Rt.

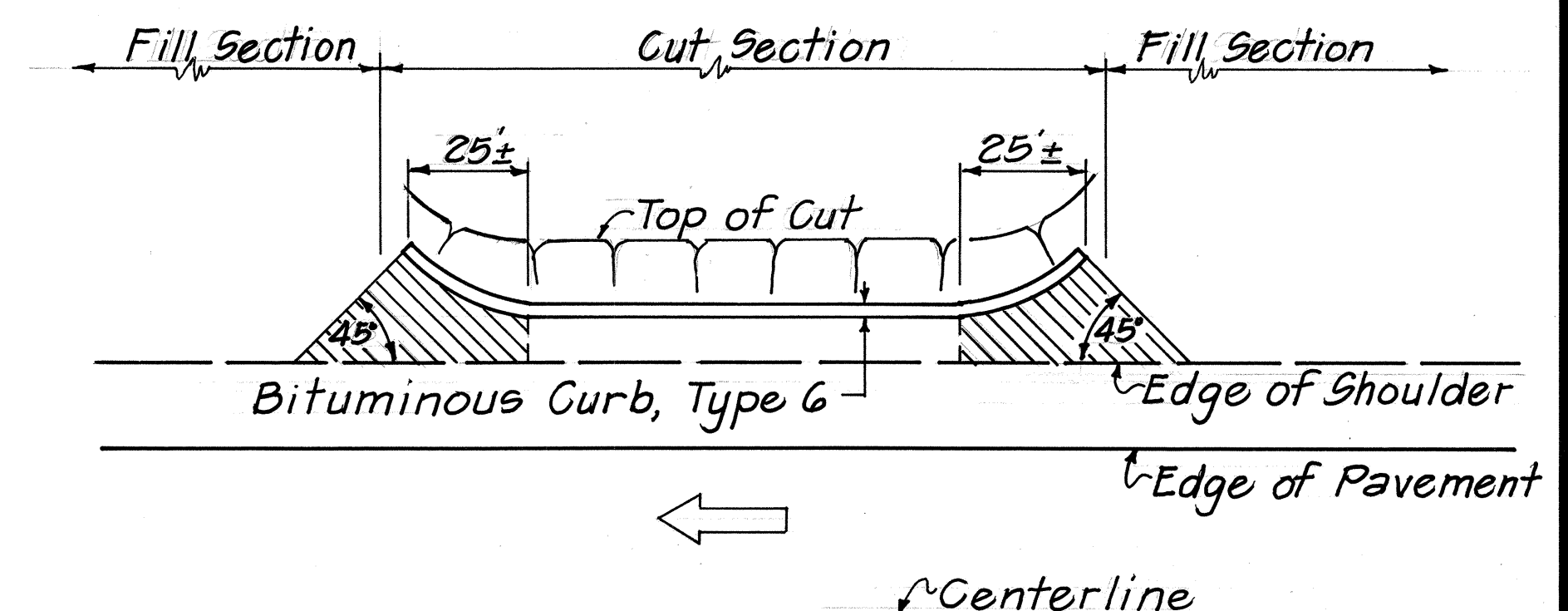


TYPICAL SECTION ON CURVE
Scale: $\frac{3}{8}" = 1'-0"$

NOTE: 1. Sta. 341+60 to Sta. 350+60 Lt. & Rt. (this sheet, Construct pavement widening with shoulders.
2. Sta. 351+90 to Sta. 355+30 Lt.
See Typical Section, Sheet No. 5.
3. Existing Pavement Consists of: 6" Stone Base Course, 2" Macadam Pavement and 1" A.C. Mix II.



TYPICAL PAVEMENT DETAIL
Not To Scale



 Transition and/or flare-out the approach and trailing ends of the Bituminous Curb, Type 6. Length to be determined on the field by the Engineer.

TRANSITION OF BITUMINOUS CURB, TYPE 6
Not To Scale

APPROVED :

H. William Sewah 2/21/89
MANAGER, DEPT. OF WATER SUPPLY (M.P.) DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

HAWAII BELT ROAD

SAFETY IMPROVEMENTS

VICINITY OF CITY OF REFUGE ROAD

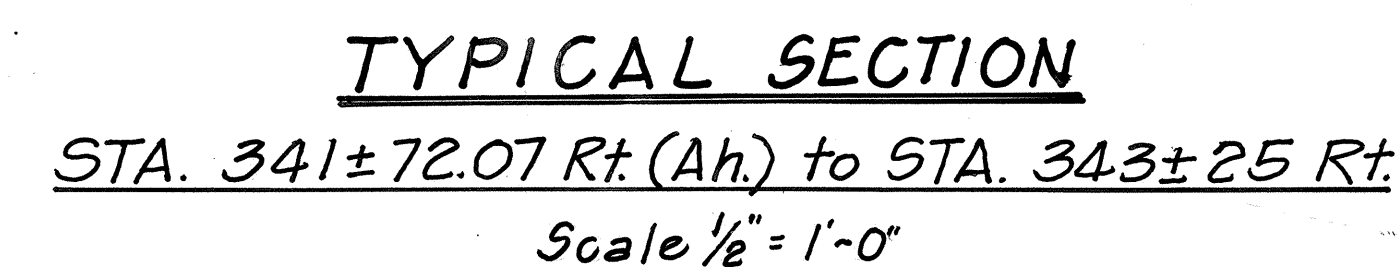
PROJECT NO. 11B-02-89

Scale: As Shown Date: Apr. 1989

SHEET No. 1 OF 2 SHEETS

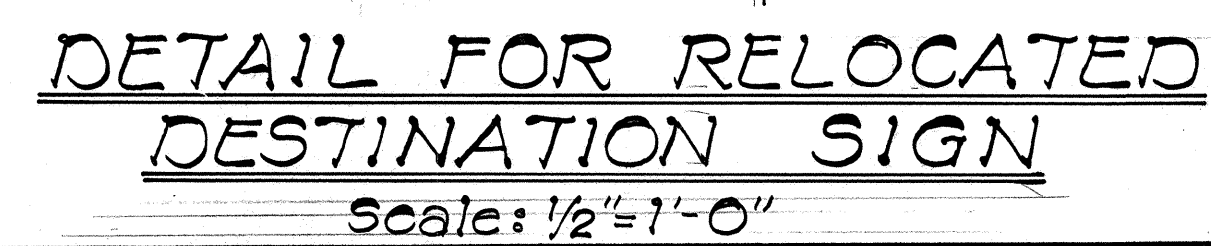
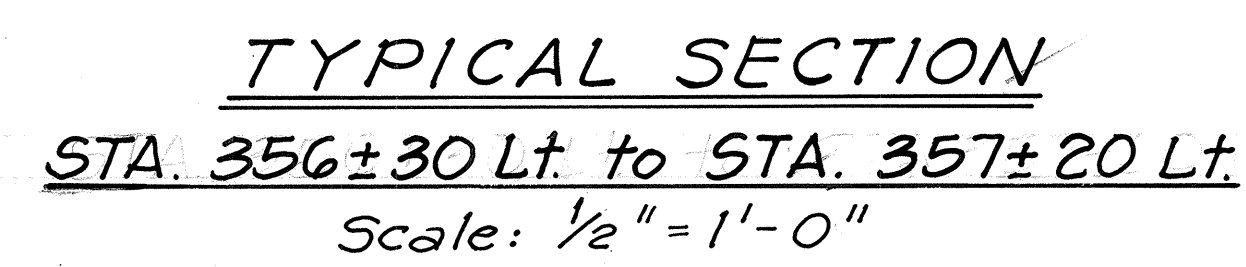
Plan view of proposed road widening. The diagram shows the existing road layout and the proposed expansion. Key features include:

- Existing Road:** 25.0' wide, centered on the **Existing Centerline**. It consists of 11.0' of **Pavement** and 4.0' of **Shoulder**.
- Proposed Widening:** A total of 25.0' is added to the left side of the existing road. This includes a 2.0' **Shld'r** and 11.0' of **Pavement**.
- Pavement Details:**
 - New Pav't. Width:** Varies across the 11.0' pavement section.
 - Existing Pavement:** Varies across the 11.0' pavement section.
 - Existing Pavement:** 1 1/2" A.C. Pavement, Mix No. II.
 - Existing Pavement:** 6" Asphalt Concrete Base.
- Ground Line:** The **Existing Ground Line** is shown on the left. The **Existing Centerline** is shown on the right. The **Existing Ground Line** on the right is shown with a 1 1/2:1 Max. slope.
- Other Features:**
 - Neat Cut:** Indicated at the edge of the existing pavement.
 - Existing 8" D.I. Pipeline:** Located near the bottom center.
 - See Detail "B" on Sht. No. 4:** A callout pointing to the left side of the diagram.
 - See Typical Pavement Detail on Sht. No. 4:** A callout pointing to the center of the diagram.



STA. 351 ± 90 Lt. to STA. 355 ± 30 Lt.
Scale: 1/2" = 1' - 0"

DETAIL "A"
Scale: 1" = 1'-0"



1. Mount existing Sign Panel with 5/16" ϕ Galvanized Bolts, Nuts and Neoprene Washers.
2. If existing Sign Panel requires post clip connections, Contractor shall submit shop drawings, for approval, of connection details.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS

HAWAII BELT ROAD
SAFETY IMPROVEMENTS
VICINITY OF CITY OF REFUGE ROAD

PROJECT No. 11B-02-82

Scale: As Shown Date: Apr. 1982

SHEET No. 2. OF 2 SHEETS