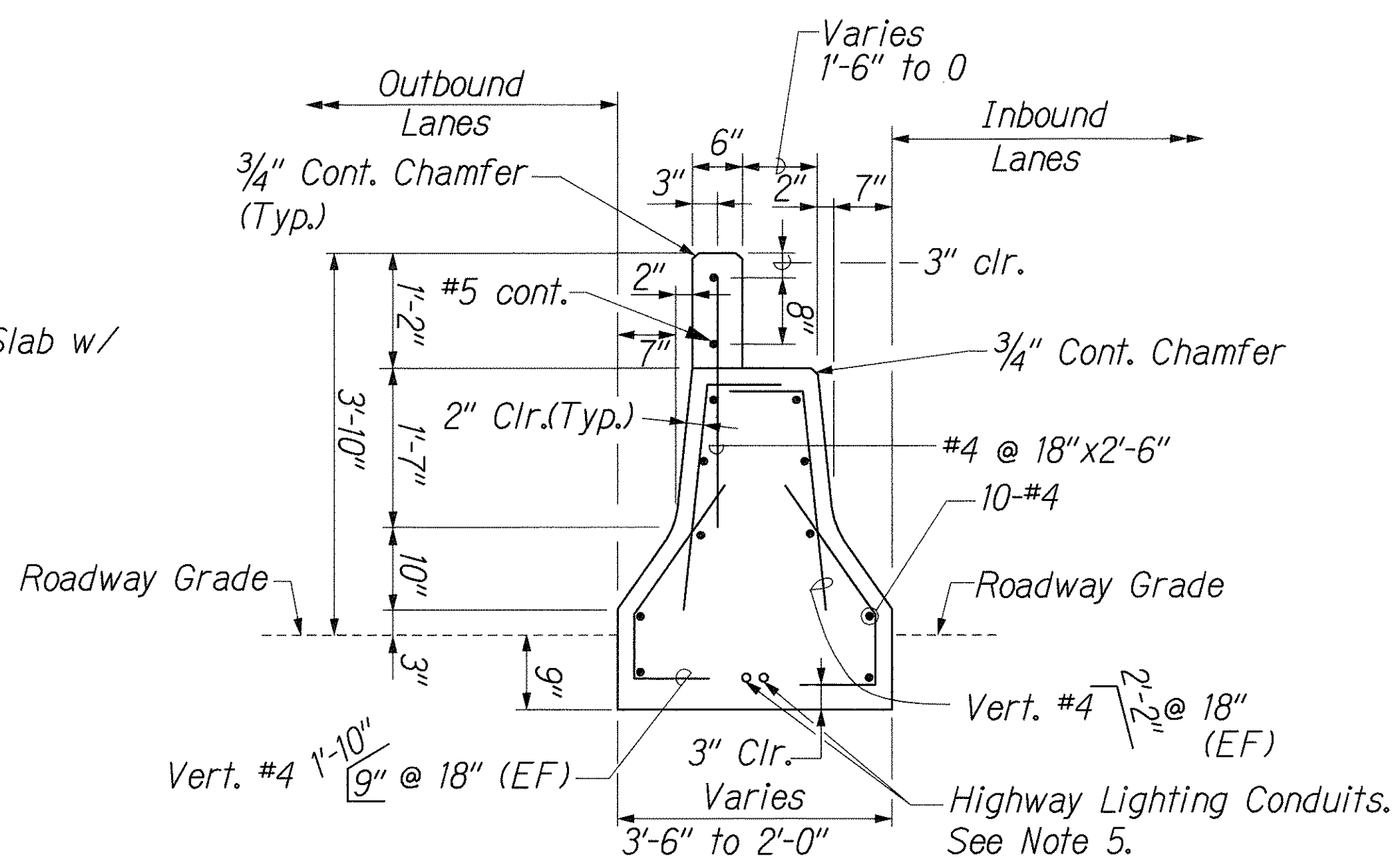
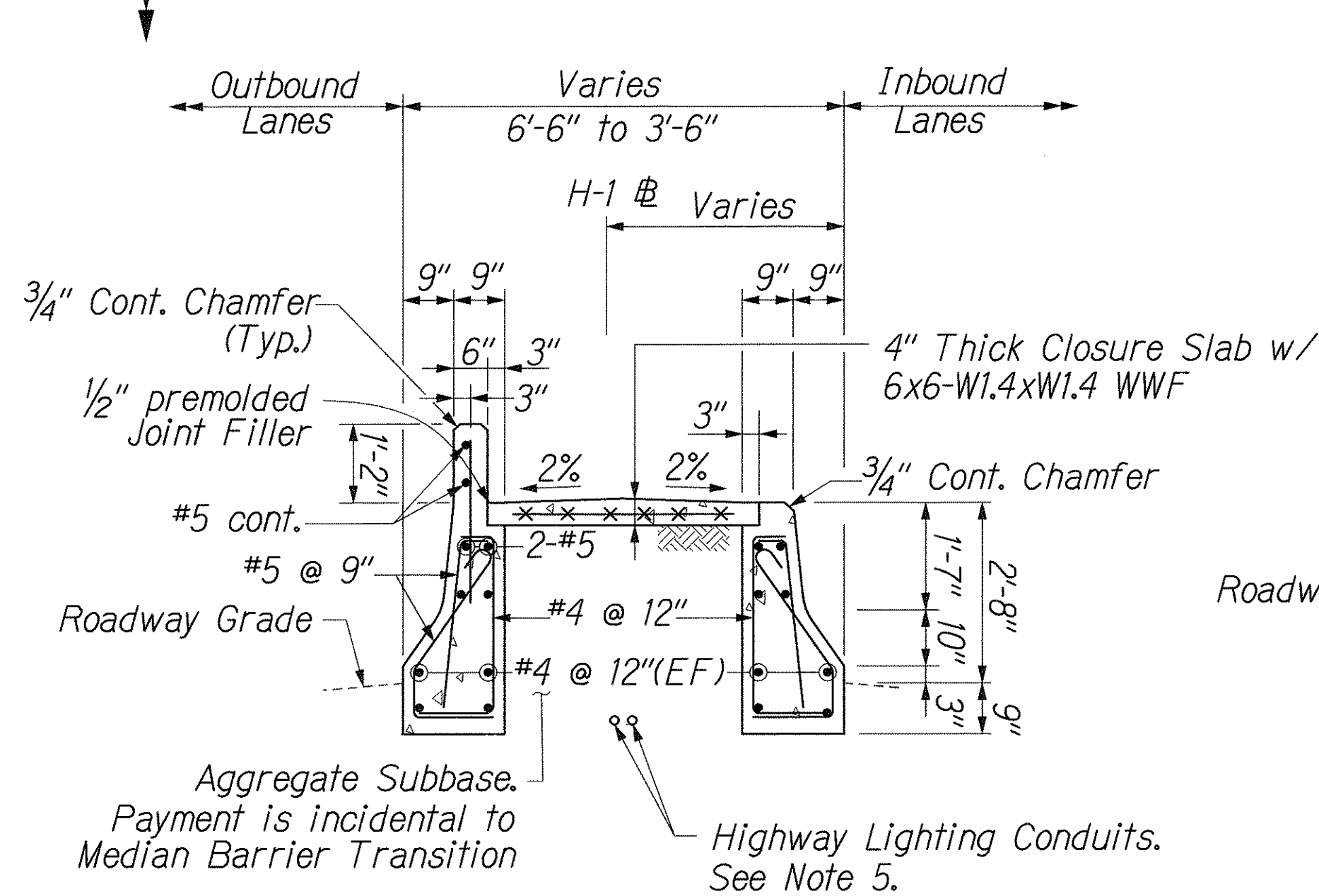
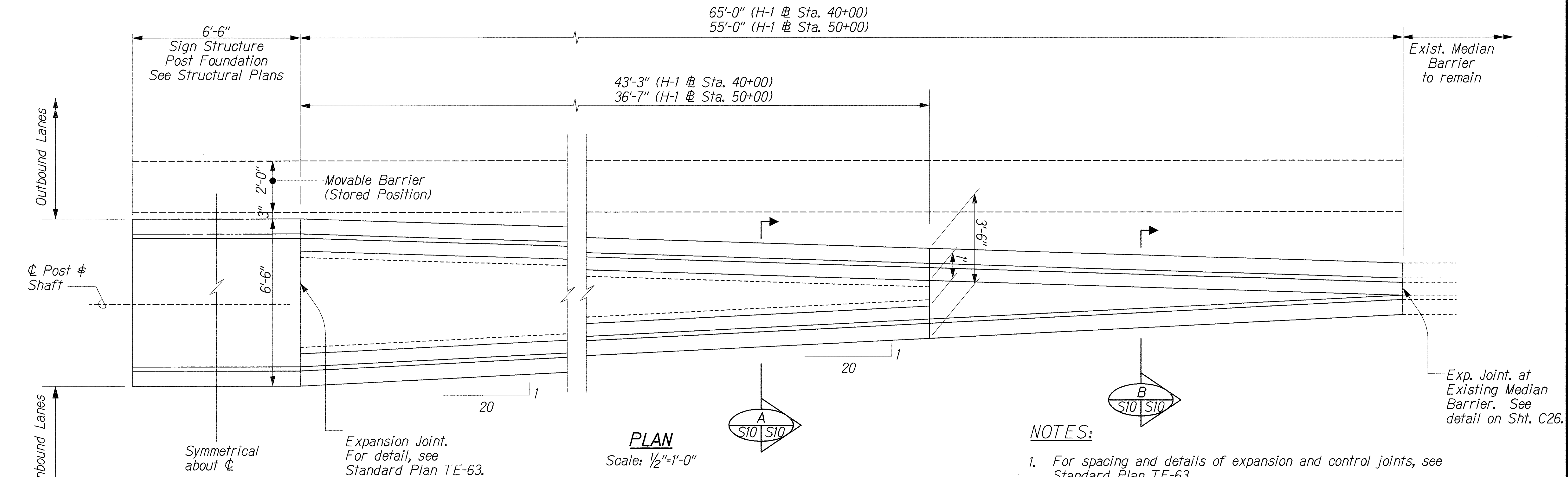


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(246)	2004	82	105

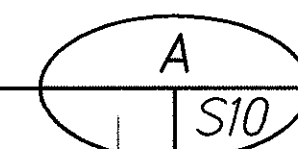


NOTES:

- For spacing and details of expansion and control joints, see Standard Plan TE-63.
- The holes for dowels shall be drilled perpendicular to the existing concrete surfaces. When the drill contacts any existing rebar, the hole shall be filled with epoxy grout and a replacement shall be drilled so that the spacing of dowels will be maintained. Contractor shall avoid cutting existing rebar.
- Control joints shall be placed between expansion joints at thirty feet (30 ft.) maximum.
- Contractor shall maintain highway lighting during construction. Payment shall be considered incidental to the Median Barrier Transition.
- Highway Lighting Conduits and Cables shall be replaced within the Median Barrier Transition. Conduits shall be 2"0 Galv. Steel to match exist. conduits.
- Payment for Expansion Joints, Highway Lighting Conduits and Lighting Cables shall be considered incidental to the Median Barrier Transition.

SECTION

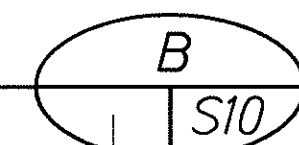
Scale: 1/2" = 1'-0"



S10, S11, S12

SECTION

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



S10, S11, S12

MEDIAN BARRIER TRANSITION FOR SIGN STRUCTURES AT H-1 @ STA. 40+00 AND 50+00

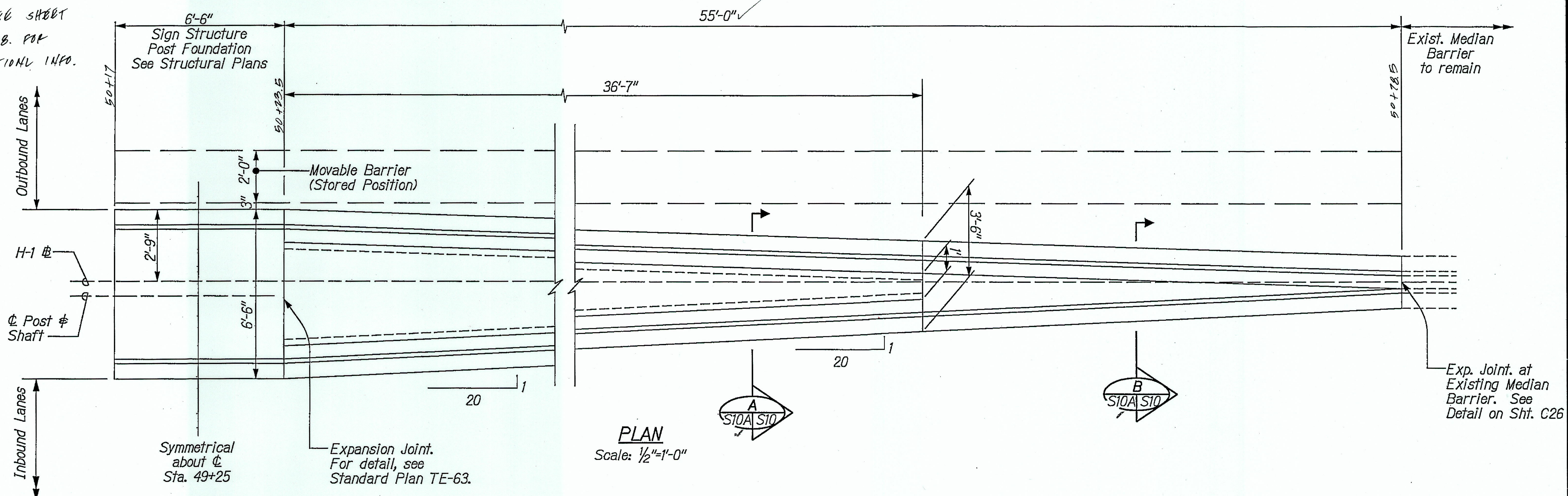
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. <i>Perry M. Small</i>	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION MEDIAN BARRIER TRANSITION DETAILS INTERSTATE ROUTE H-1 ZIPPER LANE EXTENSION RADFORD DRIVE OVERPASS TO KEEHI INTERCHANGE FEDERAL AID PROJECT NO. NH-HI-1(246) Scale: As Shown Date: Mar. 2, 2004
	SHEET No. S10 OF 13 SHEETS
	82

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	

1/2 ZIPPER EXTENSION/STRUCT/BAR-DET.dgn

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1(246)	2004	C.O. 82S-1	105

X 506 SHEET
C.O. 82. FOR
ADDITIONAL INFO.



**MEDIAN BARRIER TRANSITION FOR SIGN STRUCTURE
AT H-1 @ STA. 49+25**

NOTES:

1. For spacing and details of expansion and control joints, see Standard Plan TE-63.
2. The holes for dowels shall be drilled perpendicular to the existing concrete surfaces. When the drill contacts any existing rebar, the hole shall be filled with epoxy grout and a replacement shall be drilled so that the spacing of dowels will be maintained. Contractor shall avoid cutting existing rebar.
3. Control joints shall be placed between expansion joints at thirty feet (30 ft.) maximum.
4. Contractor shall maintain highway lighting during construction. Payment shall be considered incidental to the Median Barrier Transition.
5. Highway Lighting Conduits and Cables shall be replaced within the Median Barrier Transition. Conduits shall be 2"0 Galv. Steel to match exist. conduits.
6. Payment for Expansion Joints, Highway Lighting Conduits and Lighting Cables shall be considered incidental to the Median Barrier Transition.

1/10/05	Added Sheet
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**MEDIAN BARRIER
TRANSITION DETAILS**

INTERSTATE ROUTE H-1 ZIPPER LANE EXTENSION
RADFORD DRIVE OVERPASS TO KEEHI INTERCHANGE
FEDERAL AID PROJECT NO. NH-HI-1(246)

Scale: As Shown Date: Mar. 2, 2004

SHEET No. S10A OF 13 SHEETS

PERRY M. SMALL
LICENSED PROFESSIONAL ENGINEER
No. 8627-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

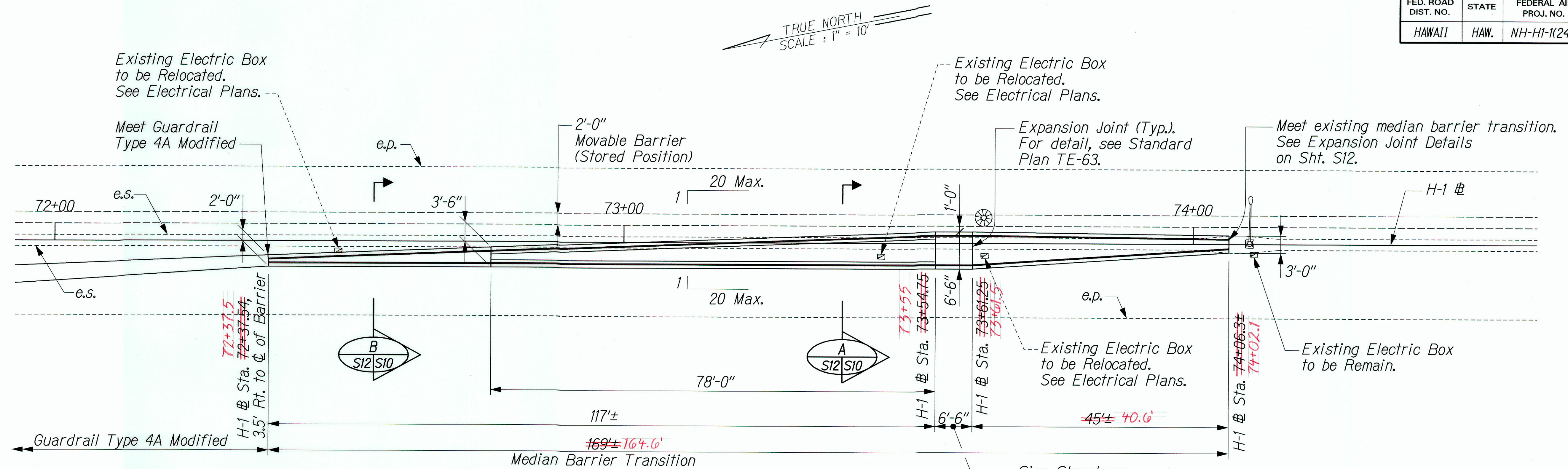
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTE BOOK	
NO.	

1/2 ZIPPER EXTENSION/CHANGE ORDER/01005 BARRIER/BAR-DET10.dgn

"AS-BUILT"

C O 82 S-1

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H1-1(246)	2004	84	105

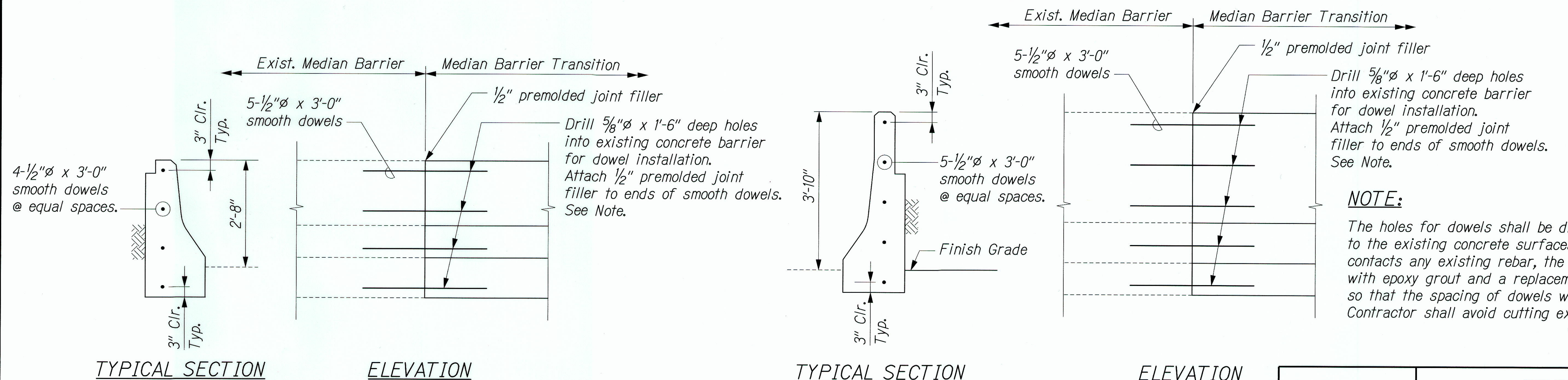


MEDIAN BARRIER TRANSITION FOR SIGN STRUCTURE

AT H-1 @ STA. 73+58

Scale: 1" = 10'

*See Sheet 59 for As-Built Location.



TYPICAL SECTION

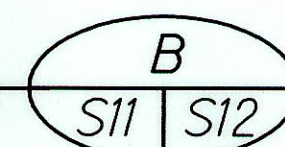
ELEVATION

TYPICAL SECTION

ELEVATION

DETAIL

Scale: 3/4" = 1'-0"



DETAIL

Scale: 3/4" = 1'-0"



EXPANSION JOINT DETAILS

ORIGINAL PLAN
DATE: _____
DRAWN BY: _____
DESIGNED BY: _____
CHECKED BY: _____
NO. _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**MEDIAN BARRIER
TRANSITION DETAILS**

INTERSTATE ROUTE H-1 ZIPPER LANE EXTENSION
RADFORD DRIVE OVERPASS TO KEEHI INTERCHANGE
FEDERAL AID PROJECT NO. NH-H1-1(246)

Scale: As Shown Date: Mar. 2, 2004

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Perry M. Small

PERRY M. SMALL
LICENSED PROFESSIONAL ENGINEER
No. 8627-C
HAWAII, U.S.A.

SHEET No. S12 OF 13 SHEETS

"AS-BUILT"