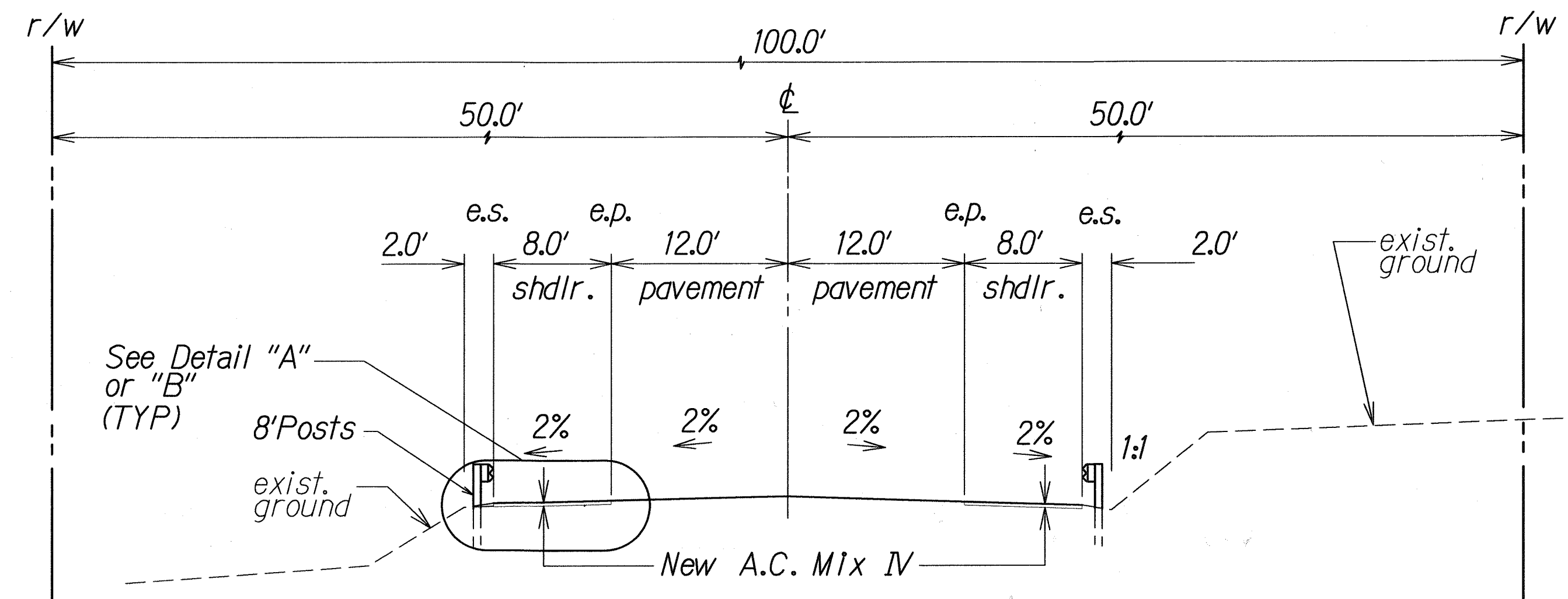
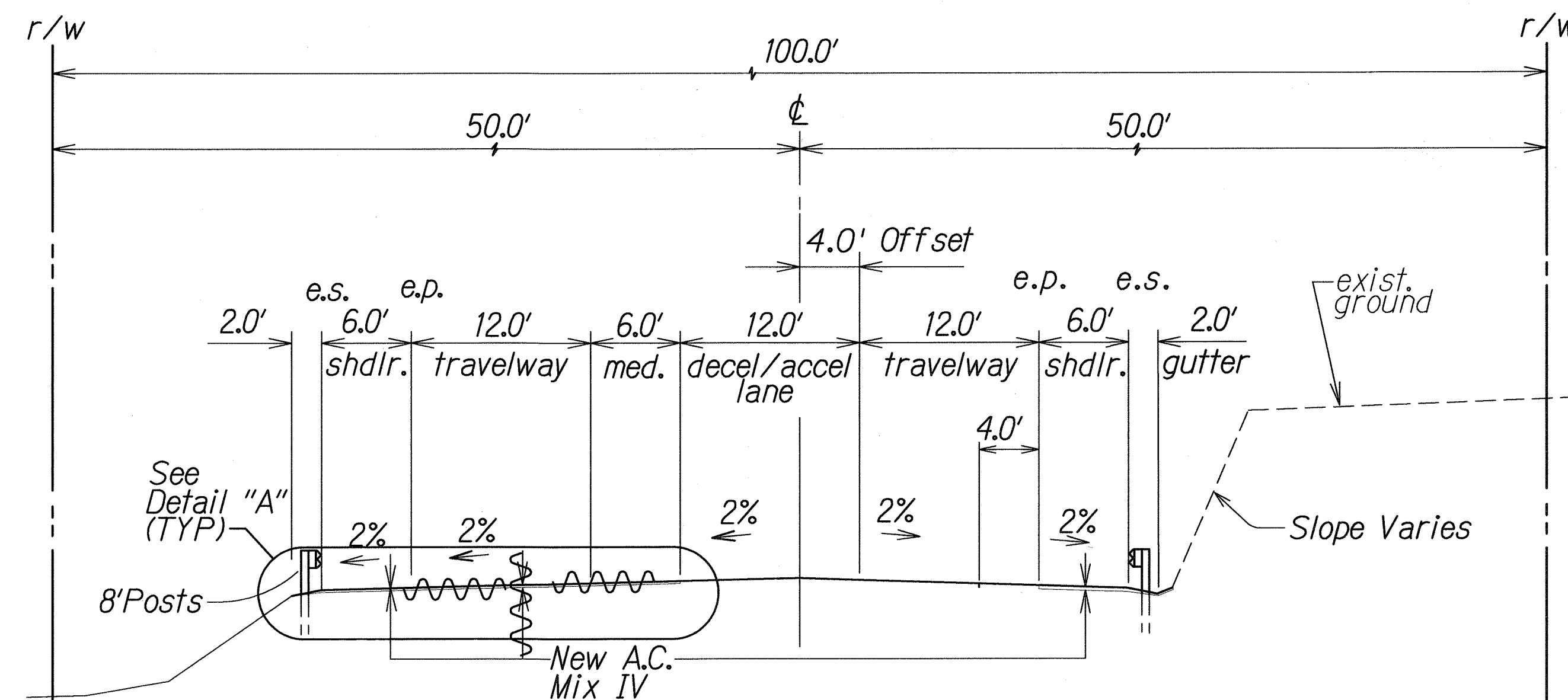


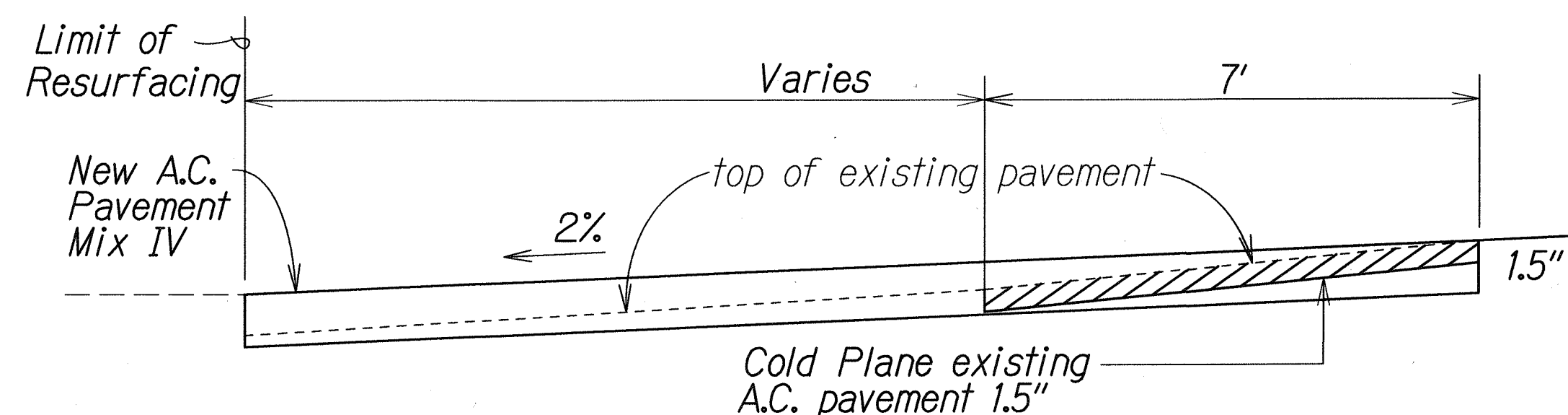
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(36)	2009	ADD.14	27



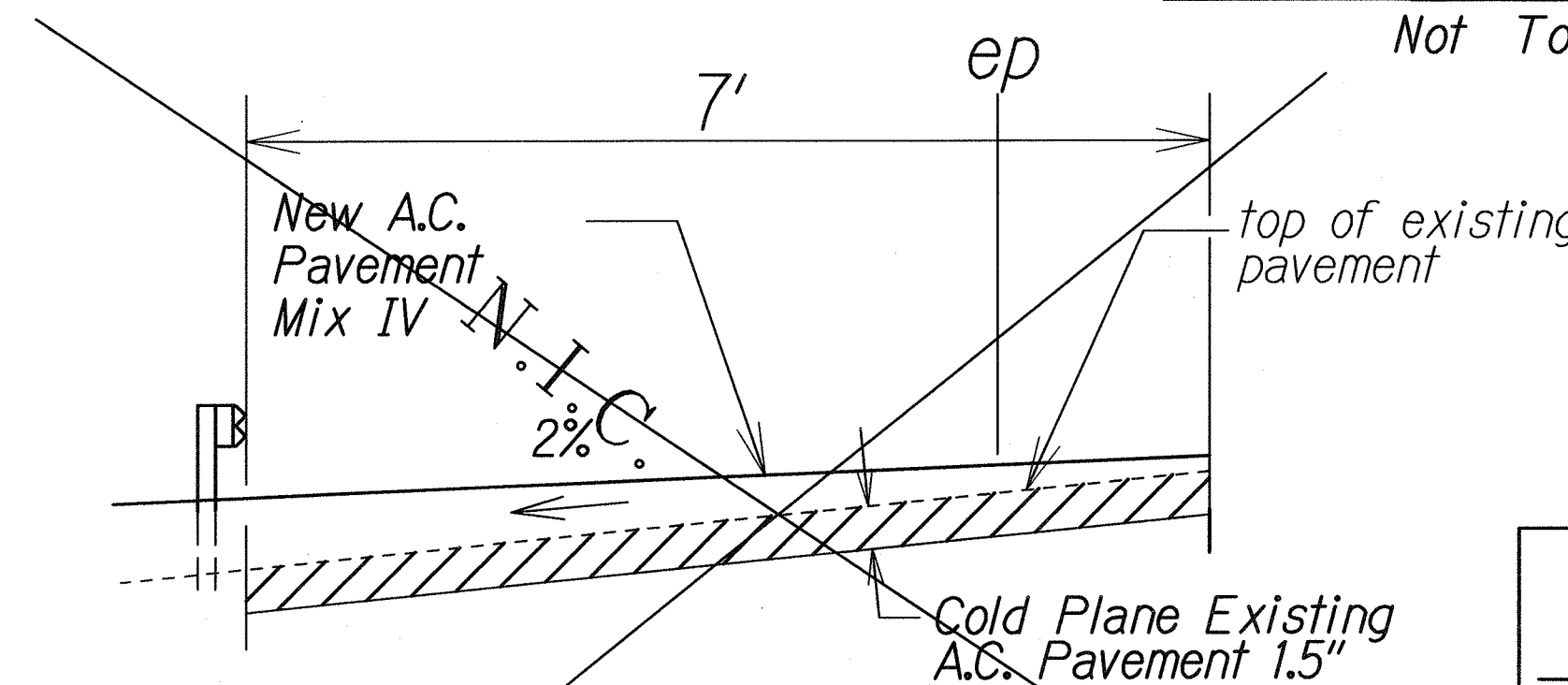
△ TYPICAL SECTION
STA. 00+00 to STA. 40+00 and STA. 61+55 to STA. 73+00
 Not To Scale



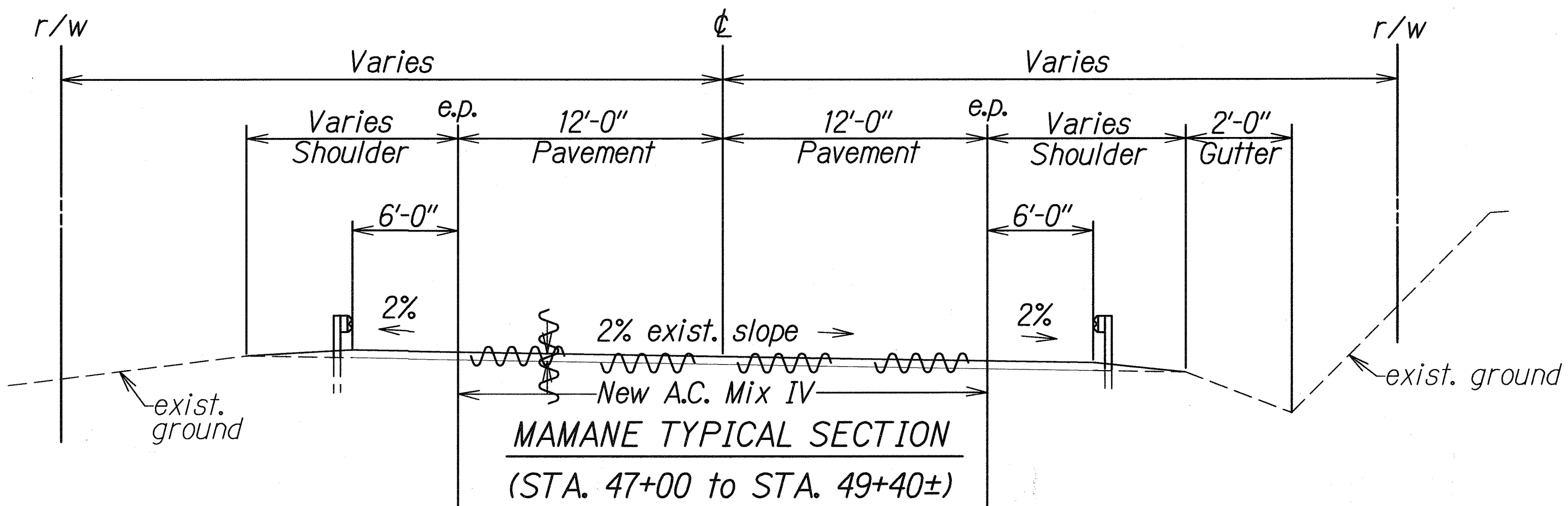
△ TYPICAL SECTION AT CHANNELIZATION AREA
STA. 40+00 to STA. 61+55
 Not To Scale



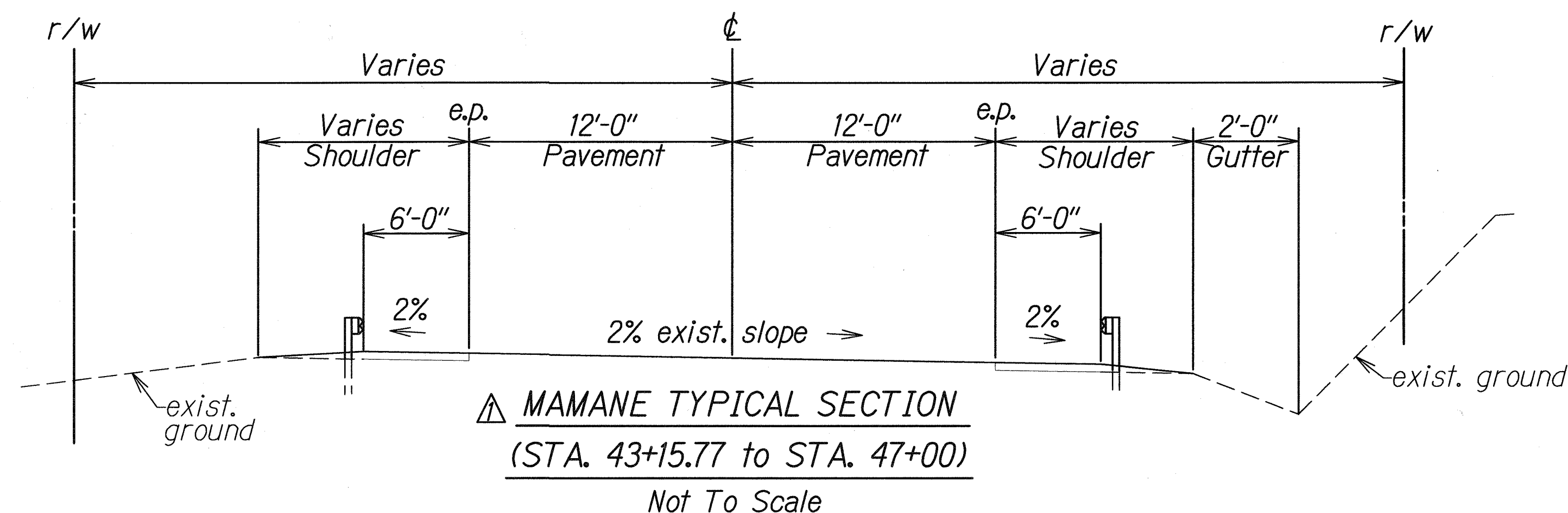
△△ COLD PLANED TRANSITION
TO EXISTING A.C. PAVEMENT DETAIL "A"
FOR SHOULDER MORE THAN 8.0'
 Not To Scale



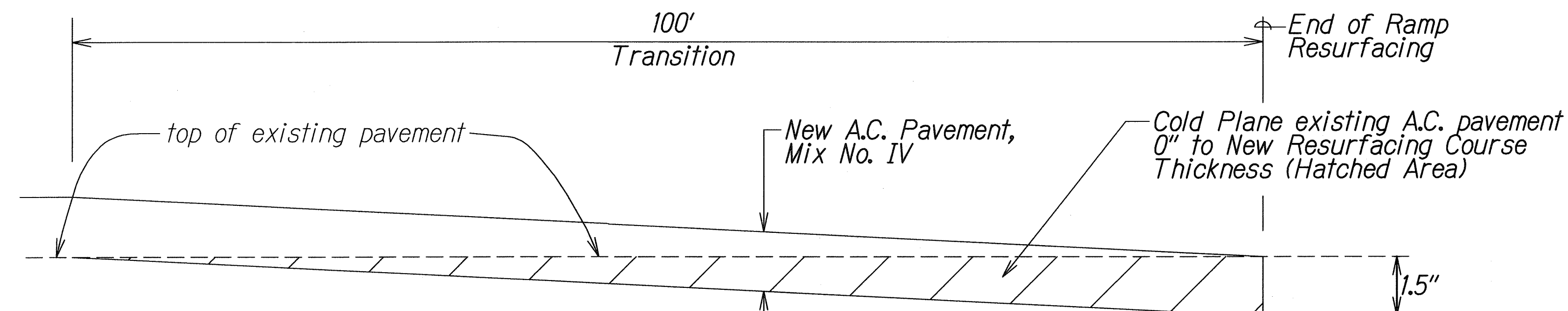
△ COLD PLANED TRANSITION
TO EXISTING A.C. PAVEMENT DETAIL "B"
FOR SHOULDER 8.0' OR LESS
 Not To Scale



MAMANE TYPICAL SECTION
(STA. 47+00 to STA. 49+40±)
 Not To Scale



△ MAMANE TYPICAL SECTION
(STA. 43+15.77 to STA. 47+00)
 Not To Scale



COLD PLANED TRANSITION
TO EXISTING A.C. PAVEMENT
 Not To Scale

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

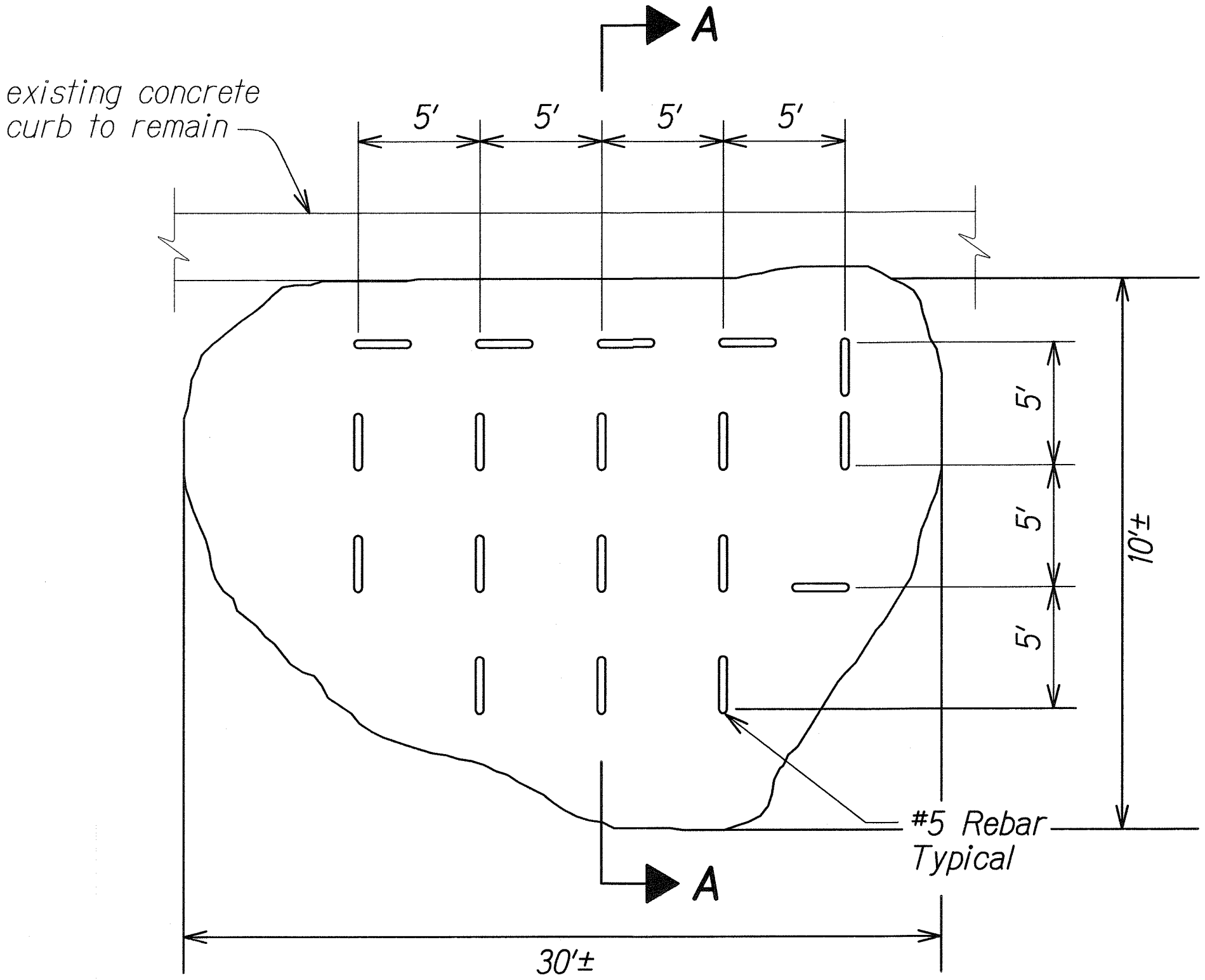
DATE	REVISION
7/15/09	Deleted Mamane Typical Section (Sta. 0+00 to Sta. 43+15.77) and Added Detail B & Revised Typical Sections.
6/18/09	Revised Typical Section, and Detail A
6/17/09	Added Mamane Typical Section

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYPICAL SECTION	
HAWAII BELT ROAD GUARDRAIL AND SHOULDER IMPROVEMENTS	
Paauhau Road to Pakalana Street	
Federal-Aid Project No. NH-019-1(36)	
Scale: Not to Scale	Date: Feb, 2009
SHEET No. 1 OF 1 SHEETS	

"AS-BUILT"

ADD.14

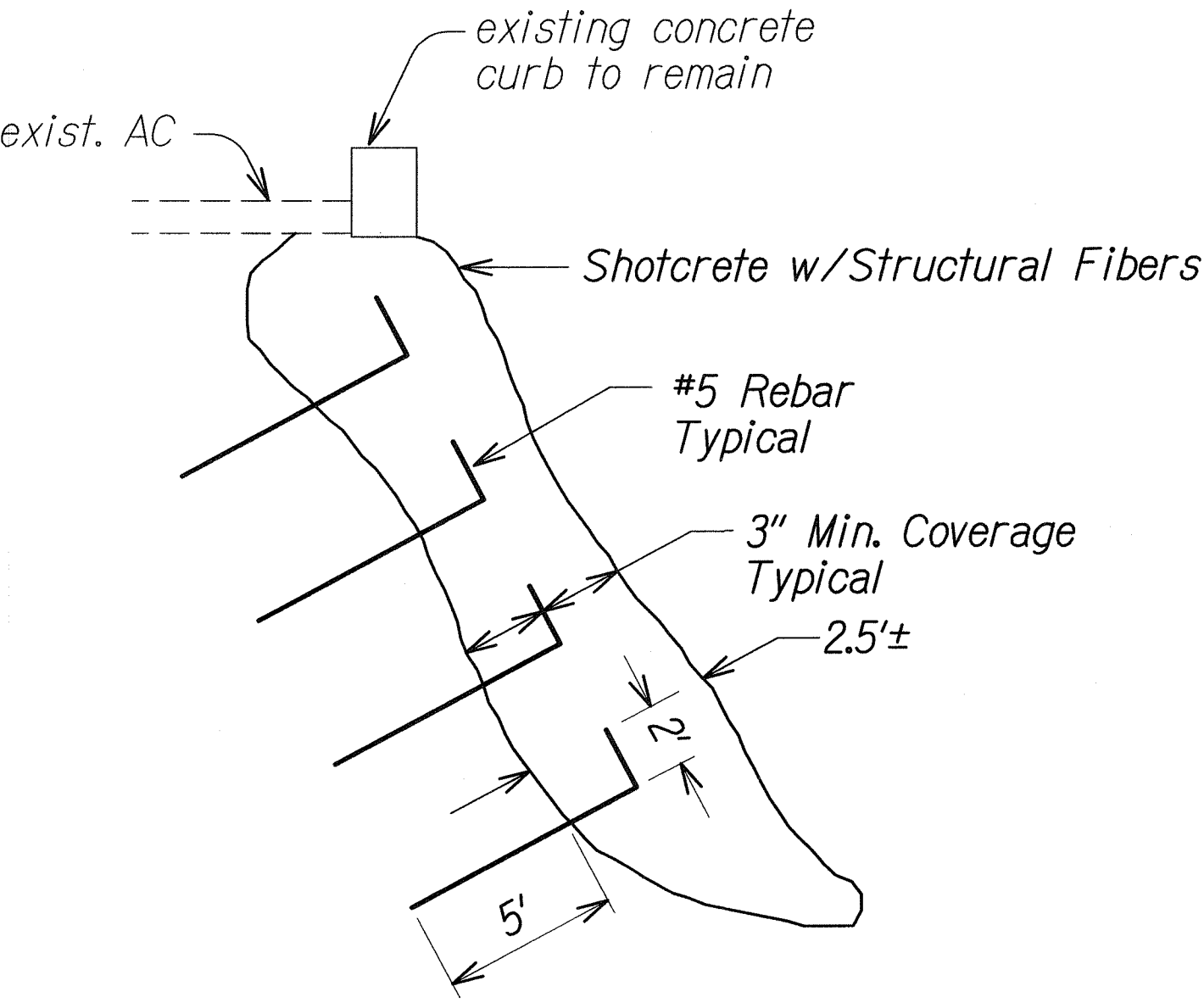
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(36)	2009	ADD.15	27



**SHOTCRETE SLOPE DETAIL
PLAN VIEW**

Notes:

1. Shotcrete shall be mixed uniformly with structural fibers.
2. Anchors shall be #5 rebars jackhammered to depth of 5 ft. with surrounded min. coverage of 3 inches.



SECTION A-A

7/21/09	2 Revised Detail
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ROADWAY DETAILS HAWAII BELT ROAD GUARDRAIL AND SHOULDER IMPROVEMENTS Paauhau Road to Pakalana Street Federal-Aid Project No. NH-019-1(36) Scale: Not to Scale Date: Feb, 2009	

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
IN CHARGE	
DATE	