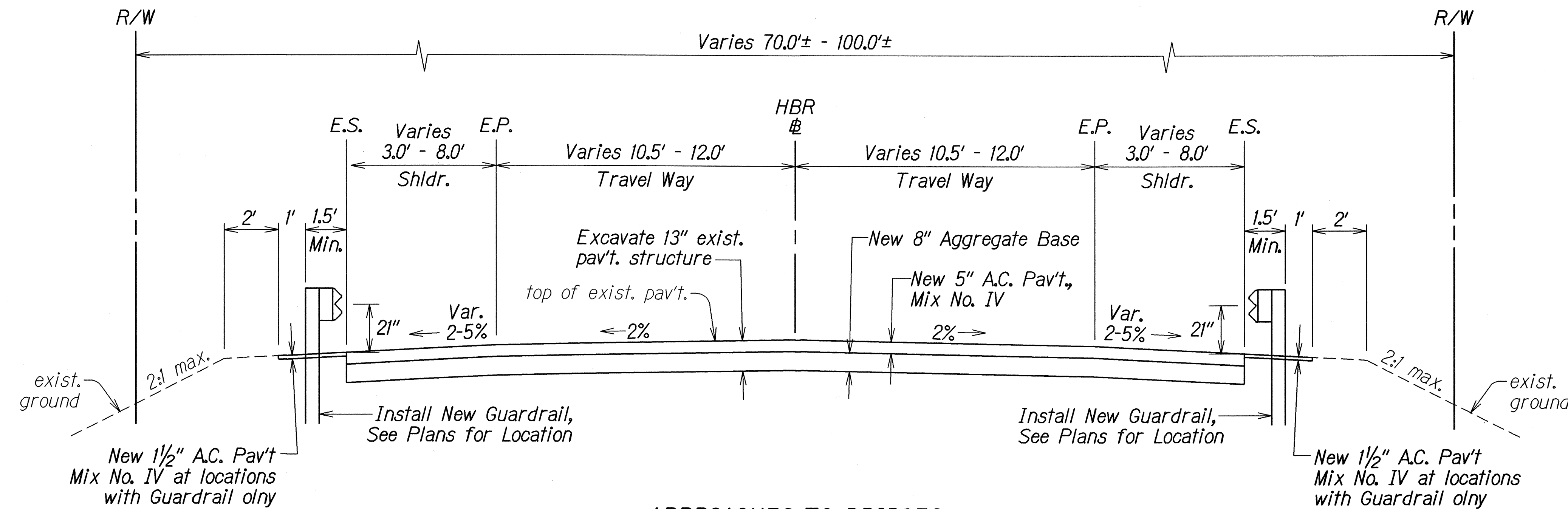


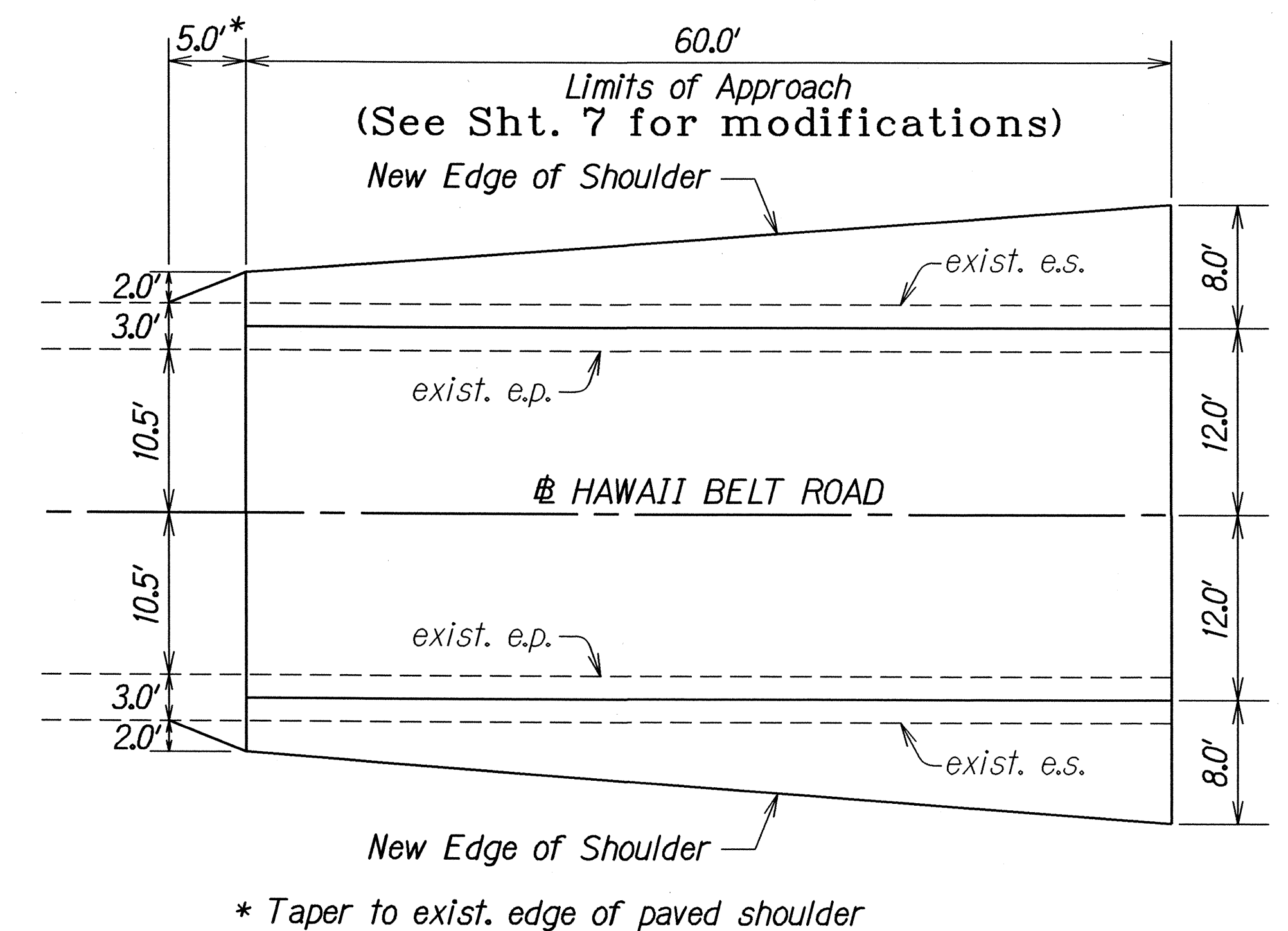
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-0190(13)	1999	4	75



APPROACHES TO BRIDGES TYPICAL SECTION - RECONSTRUCTION

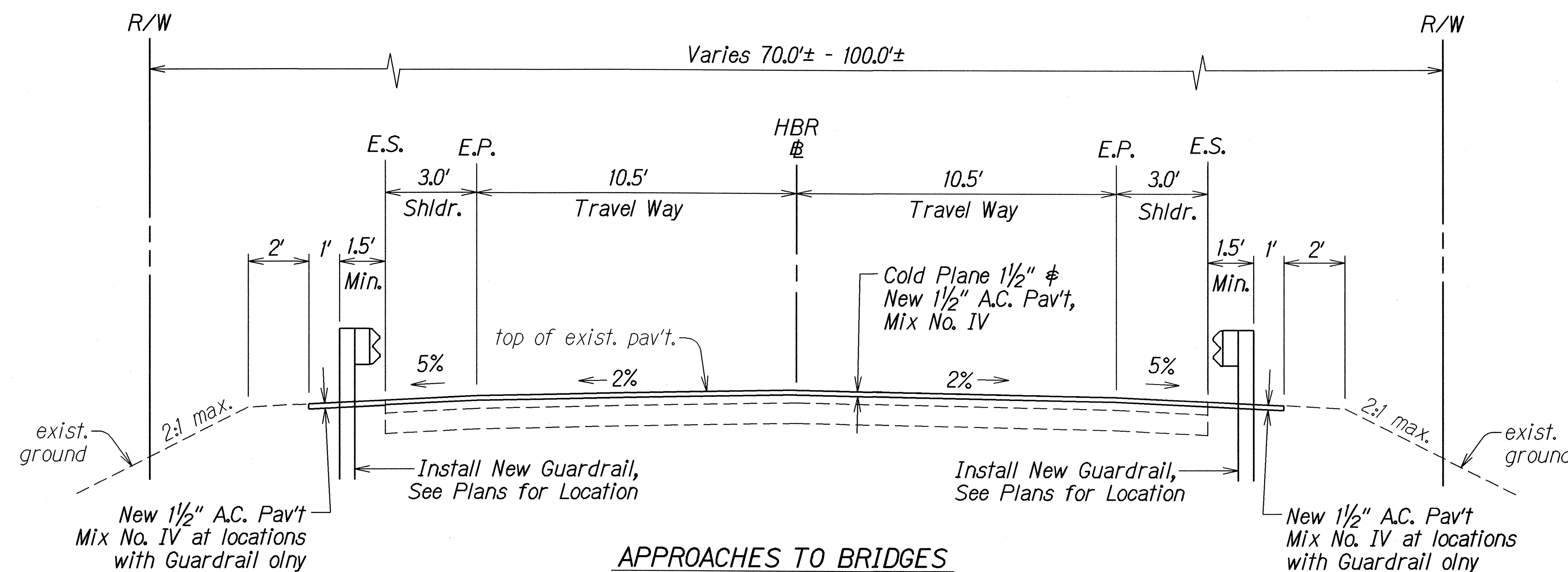
Sta. 91+93± to Sta. 92+53± & Sta. 94+17± to Sta. 94+77±
Sta. 127+60± to Sta. 128+20± & Sta. 130+32± to Sta. 130+92±

Scale: 3/8"=1'-0"



APPROACH TRANSITION DETAIL

Scale: 1/8"=1'-0"



APPROACHES TO BRIDGES TYPICAL SECTION - RESURFACING

Sta. 87+74± to Sta. 91+93± & Sta. 94+77± to Sta. 99+06±
Sta. 123+00± to Sta. 127+60± & Sta. 130+92± to Sta. 134+65±

Scale: 3/8"=1'-0"

LEGEND FOR AS-BUILT POSTINGS

	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS

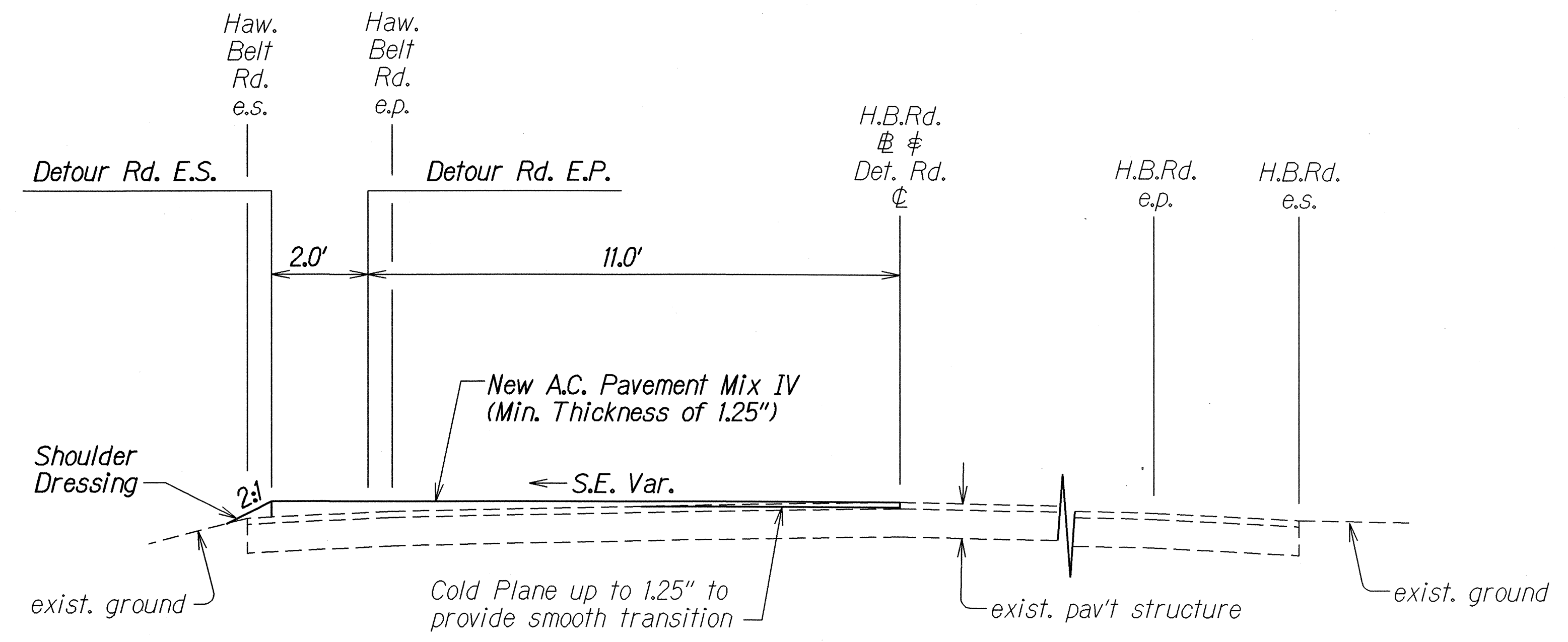
HAWAII BELT ROAD
Replacement of Auwāikeakua and Popoia Bridges
Federal Aid Proj. No. BR-0190(13)

Scale: As Shown Date: Sept. 1996

SHEET No. 1 OF 3 SHEETS

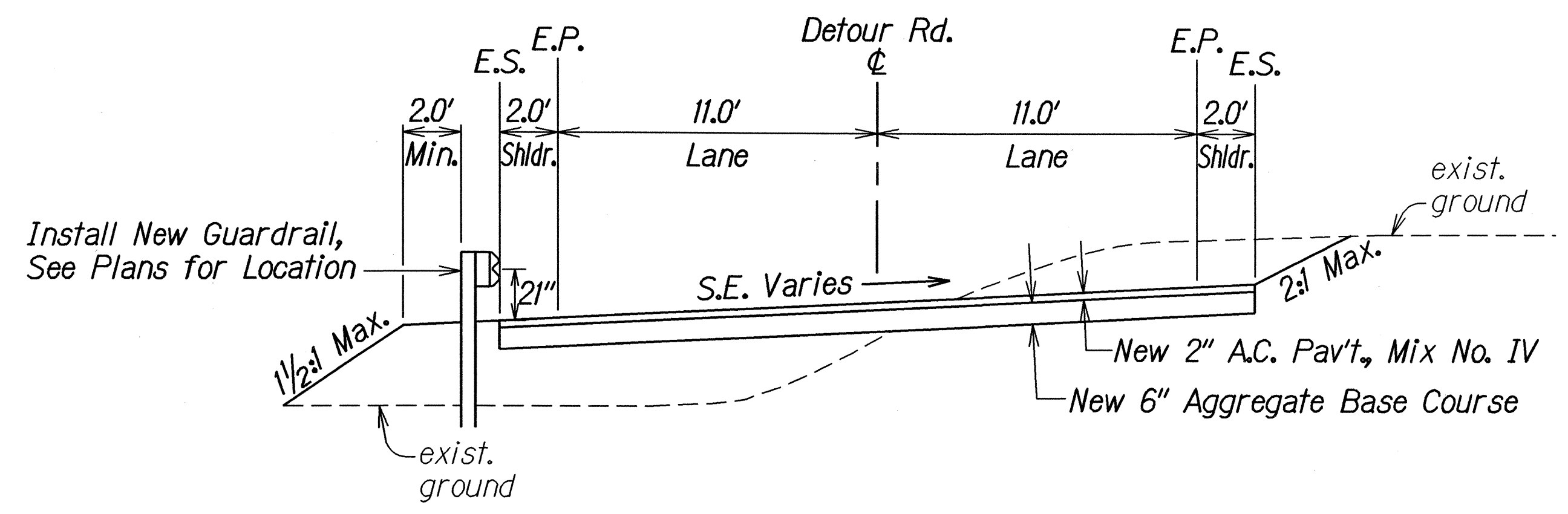
"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-0190(13)	1999	5	75

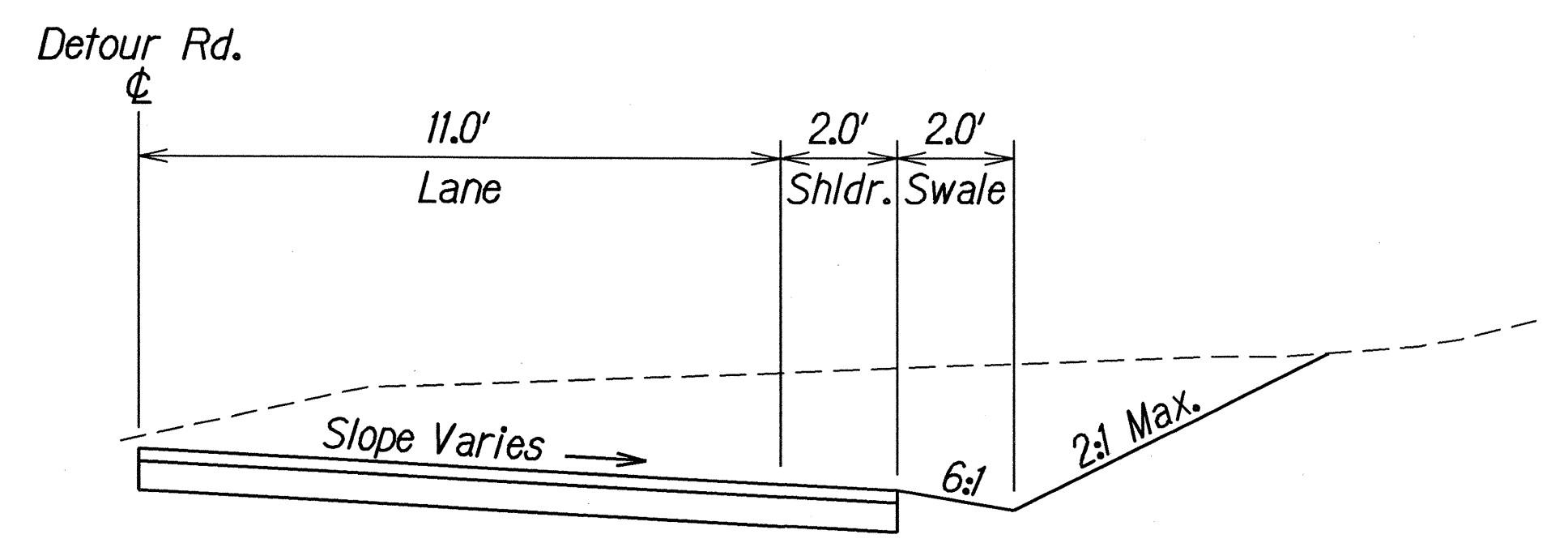


DETOUR ROAD TRANSITION

Popoo Bridge Detour Road 0+00±-1+00± ± 10+51±-11+51±
Auwaiakeakua Bridge Detour Road 0+00±-1+00± ± 10+97±-11+97±
Scale: 1/2"=1'-0"



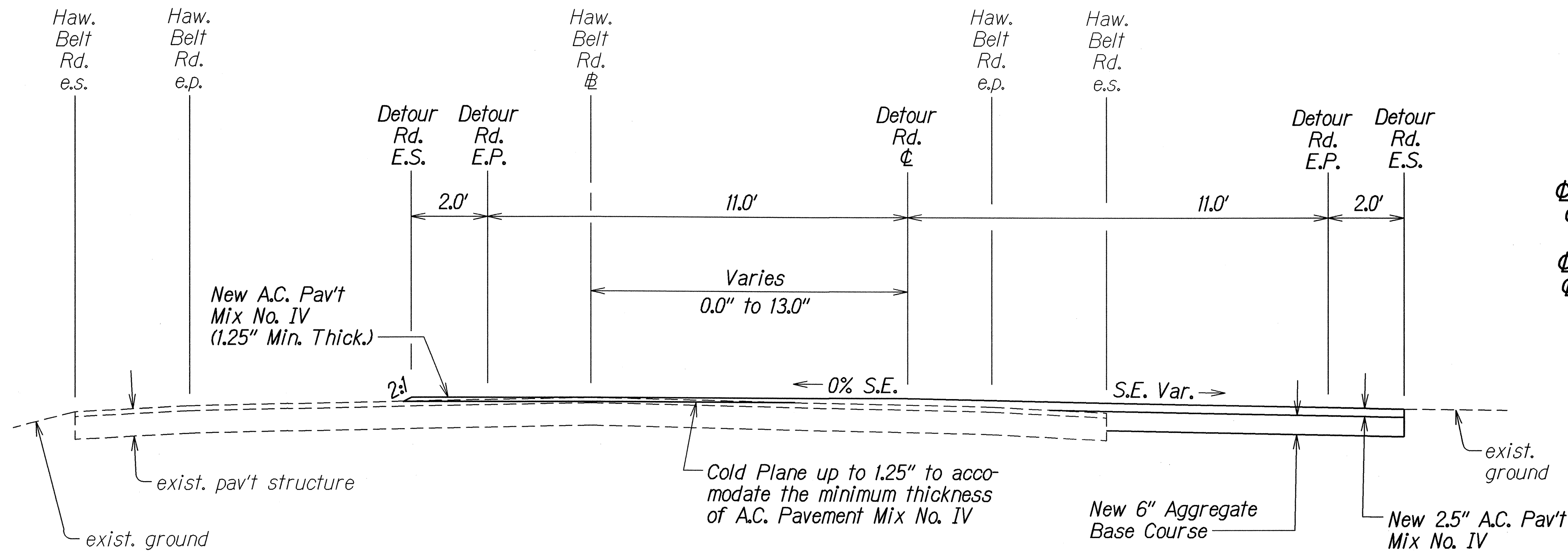
TYPICAL SECTION - DETOUR ROADS
Not To Scale



TYPICAL EARTH SWALE DETAIL

Auwaiakeakua Detour Road
± Sta. 0+75± to ± Sta. 2+50± Rt., ± Sta. 7+50± to ± Sta. 8+50± Rt.,
± Sta. 1+50± to ± Sta. 2+50± Lt., ± Sta. 7+50± to ± Sta. 8+00± Lt.
Popoo Detour Road
± Sta. 0+50± to ± Sta. 3+25± Rt., ± Sta. 6+00± to ± Sta. 8+75± Rt.,
± Sta. 2+00± to ± Sta. 3+50± Lt., ± Sta. 5+50± to ± Sta. 8+00± Lt.

Not To Scale



DETOUR ROAD TRANSITION

Popoo Bridge Detour Road 1+00±-2+24± ± 9+26±-10+51±
Auwaiakeakua Bridge Detour Road 1+00±-2+24± ± 9+79±-10+97±
Scale: 1/2"=1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

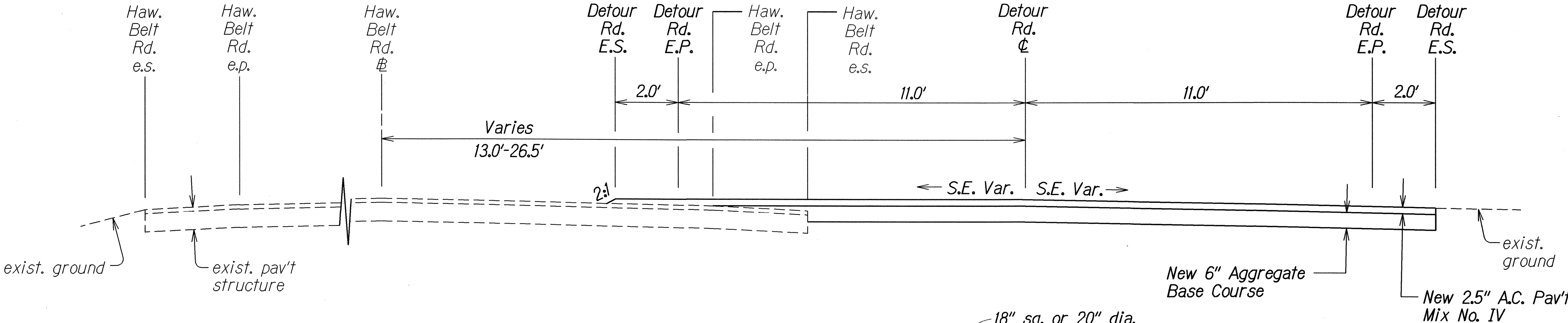
TYPICAL SECTIONS & DETAILS

HAWAII BELT ROAD
Replacement of Auwaiakeakua
and Popoo Bridges
Federal Aid Proj. No. BR-0190(13)

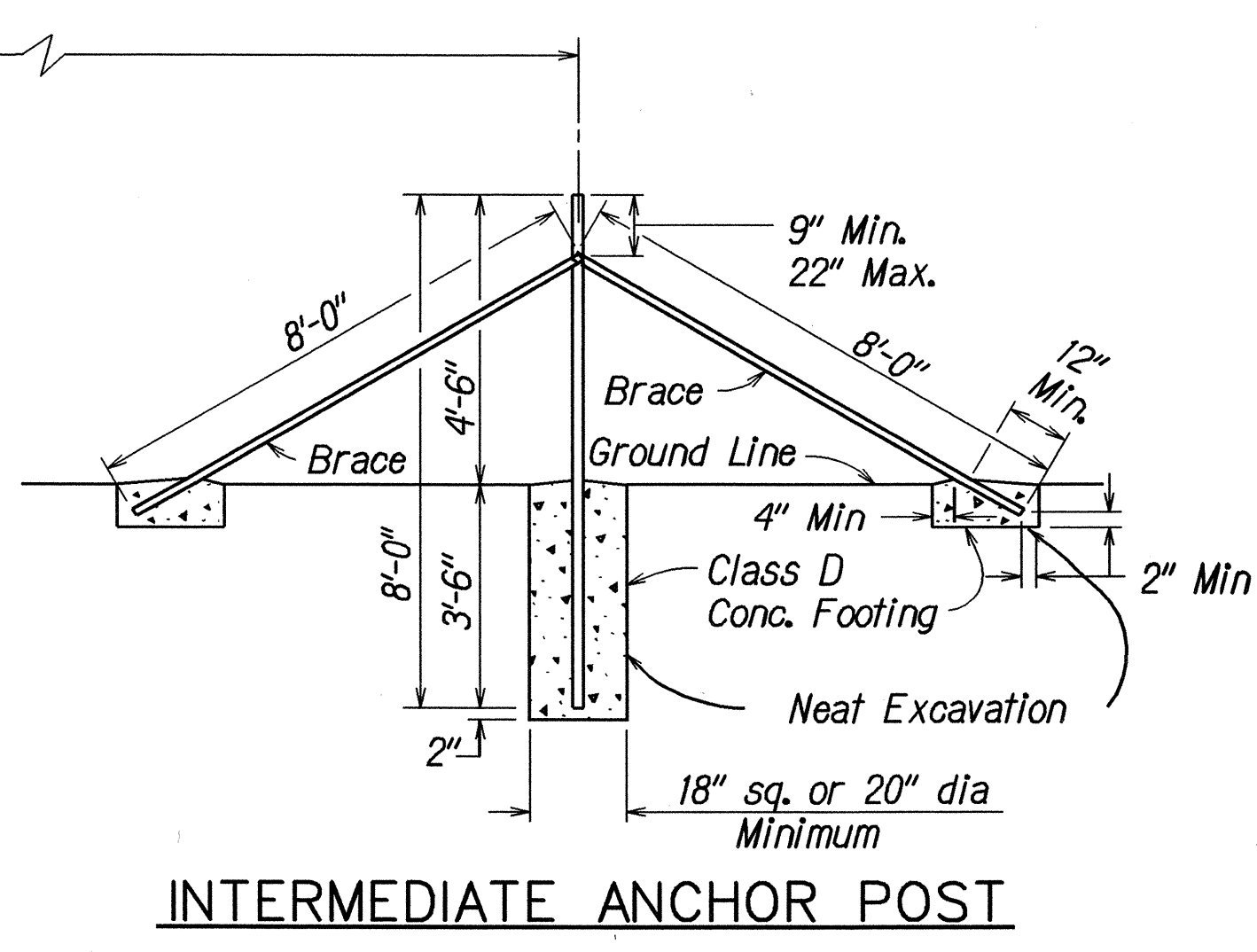
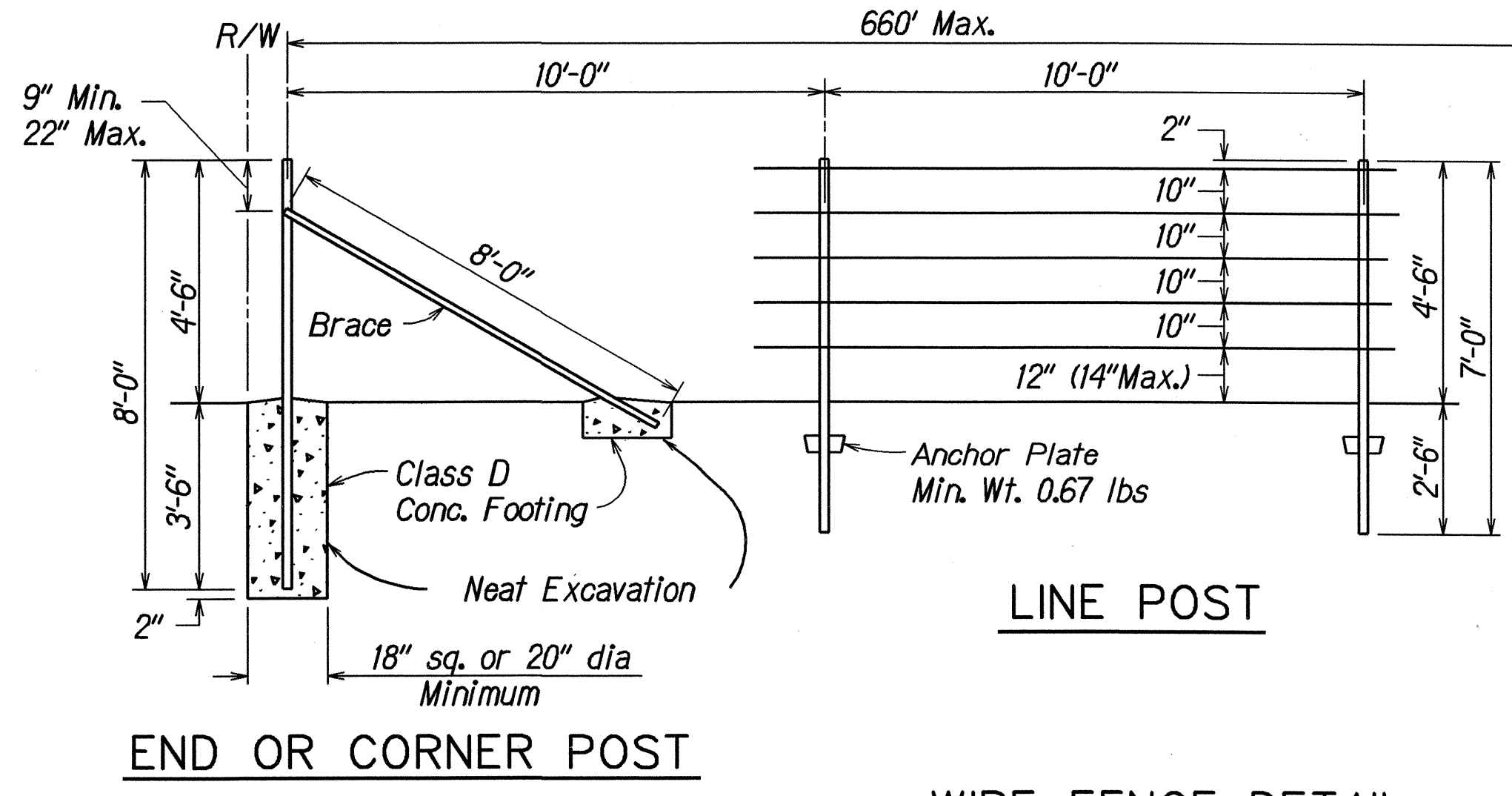
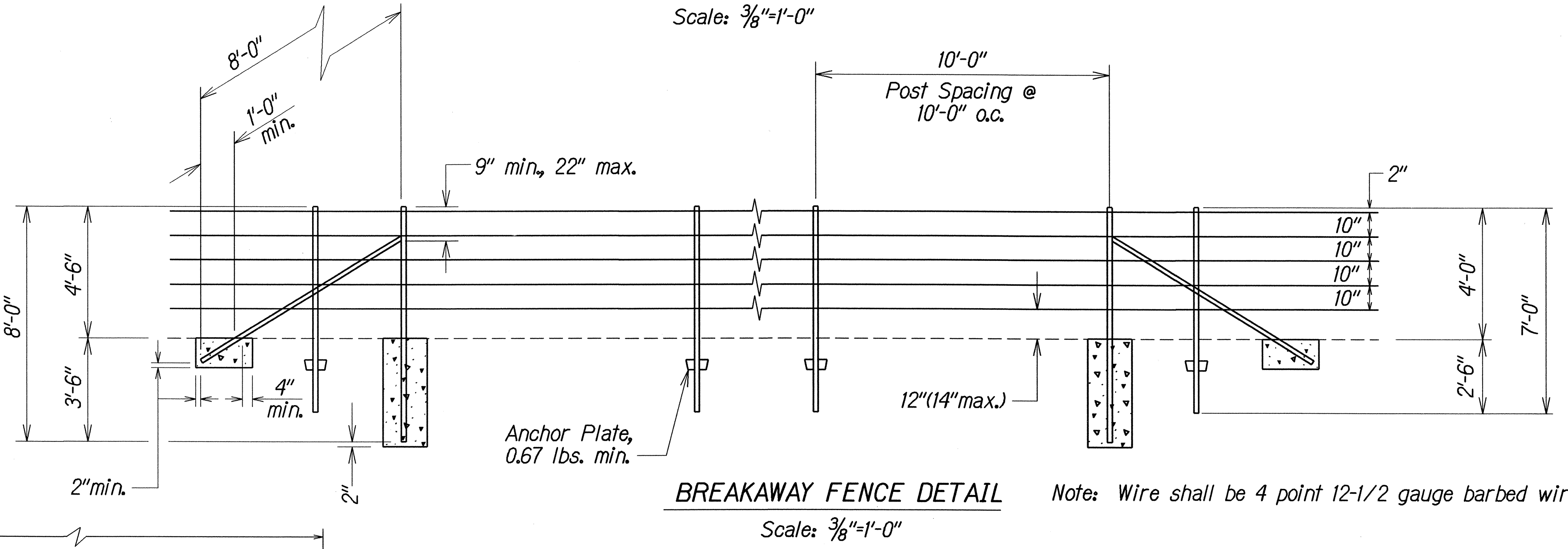
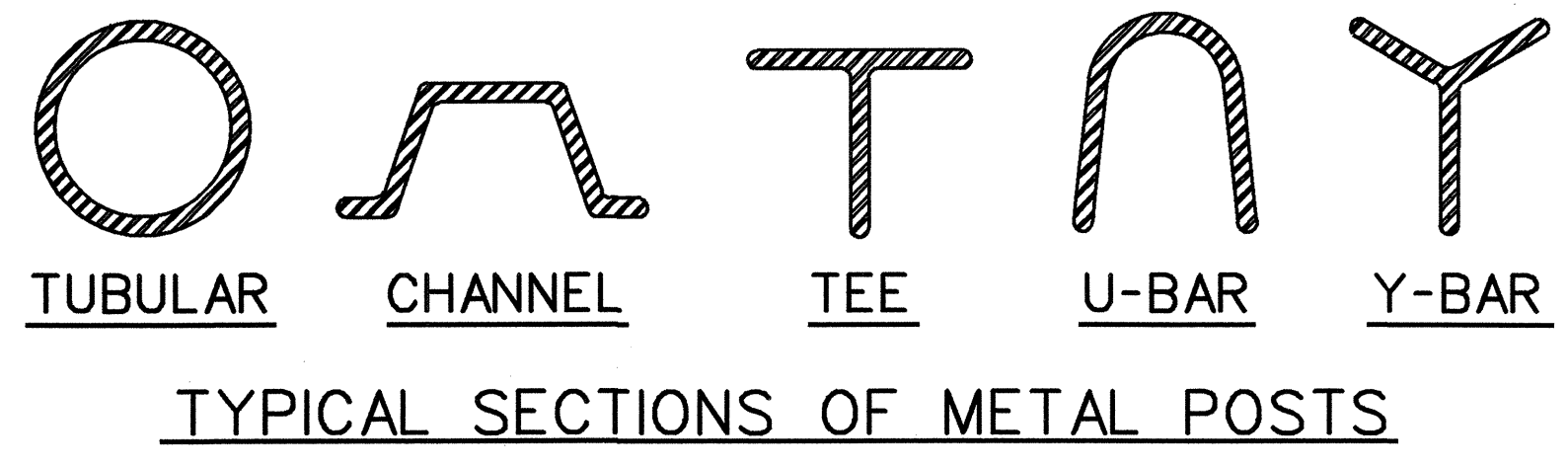
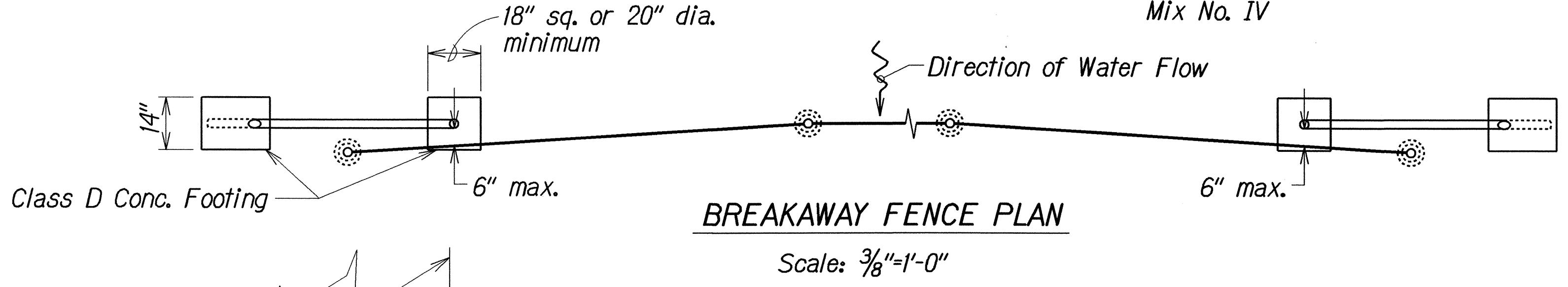
Scale: As Shown Date: July 1998

SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-0190(13)	1999	ADD.6	75



DETOUR ROAD TRANSITION
 Popoo Bridge Detour Road 2+24±-2+76± ± 8+83±-9+15±
 Auwaiakeakua Bridge Detour Road 2+24±-2+78± ± 8+99±-9+79±
 Scale: 1/2"=1'-0"



- NOTE**
- All widths of concrete footings for braces shall be 14 inches.
 - Wire shall be 4 point 12-1/2 gauge barbed wire

6-17-99	Added Wire Fence Detail and Typical Sections of Metal Posts.
DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TYPICAL SECTIONS & DETAILS

HAWAII BELT ROAD
Replacement of Auwaiakeakua and Popoo Bridges
Federal Aid Proj. No. BR-0190(13)

Scale: As Shown Date: July 1998

SHEET No. 3 OF 3 SHEETS