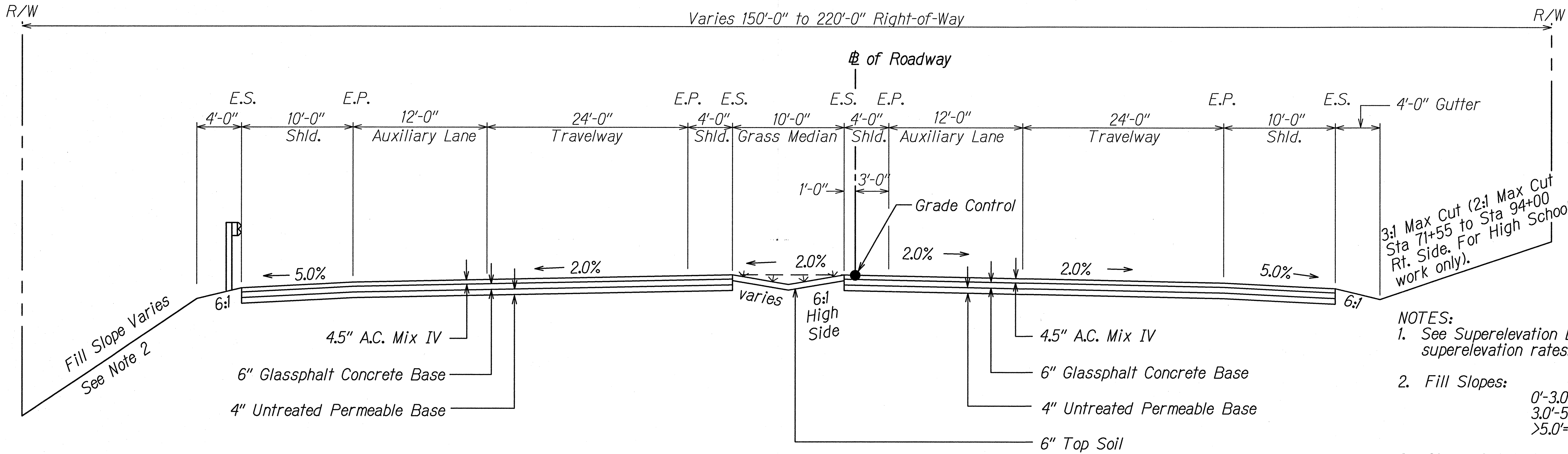


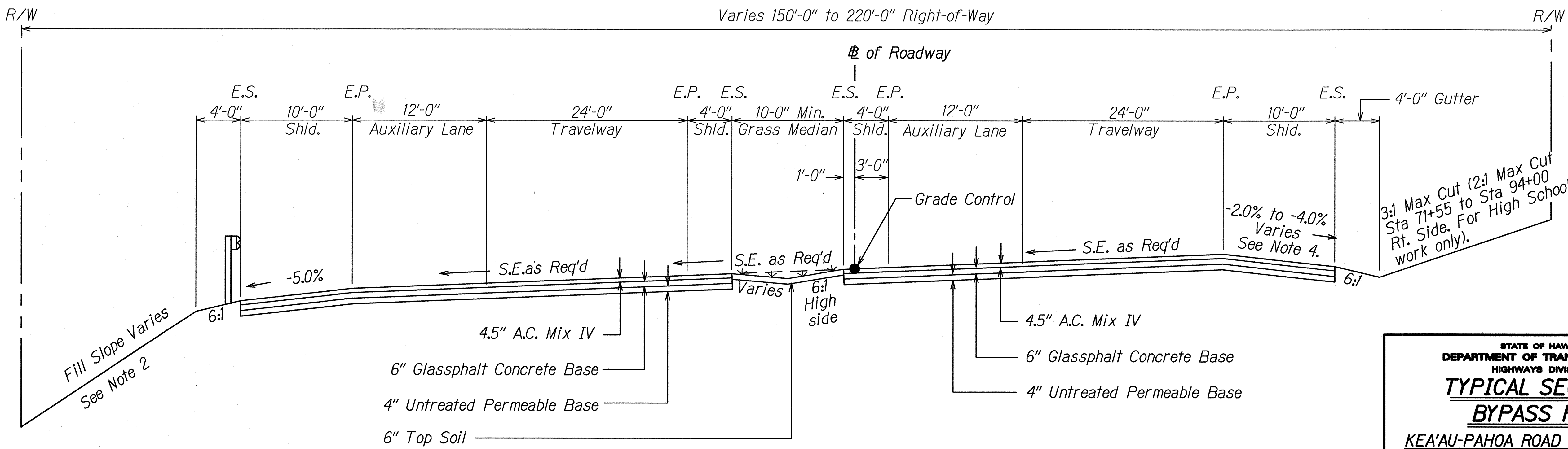
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-92	1997	7	115



TYPICAL TANGENT SECTION WITH AUXILIARY LANES BYPASS ROAD

Not To Scale

- NOTES:
- See Superelevation Diagram for superelevation rates.
 - Fill Slopes:
0'-3.0'=6:1
3.0'-5.0'=5:1
>5.0'=1.5:1
 - Slope of 4.0' shoulder matches slope of adjacent travelway.
 - Shoulder slopes on the high side of superelevated sections, vary from -2.0% to -4.0%, see Superelevation Diagrams.
 - Bypass Road profile represents Grade Control shown on typical sections.



TYPICAL SUPERELEVATION SECTION WITH AUXILIARY LANES BYPASS ROAD

Not To Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
BYPASS ROAD

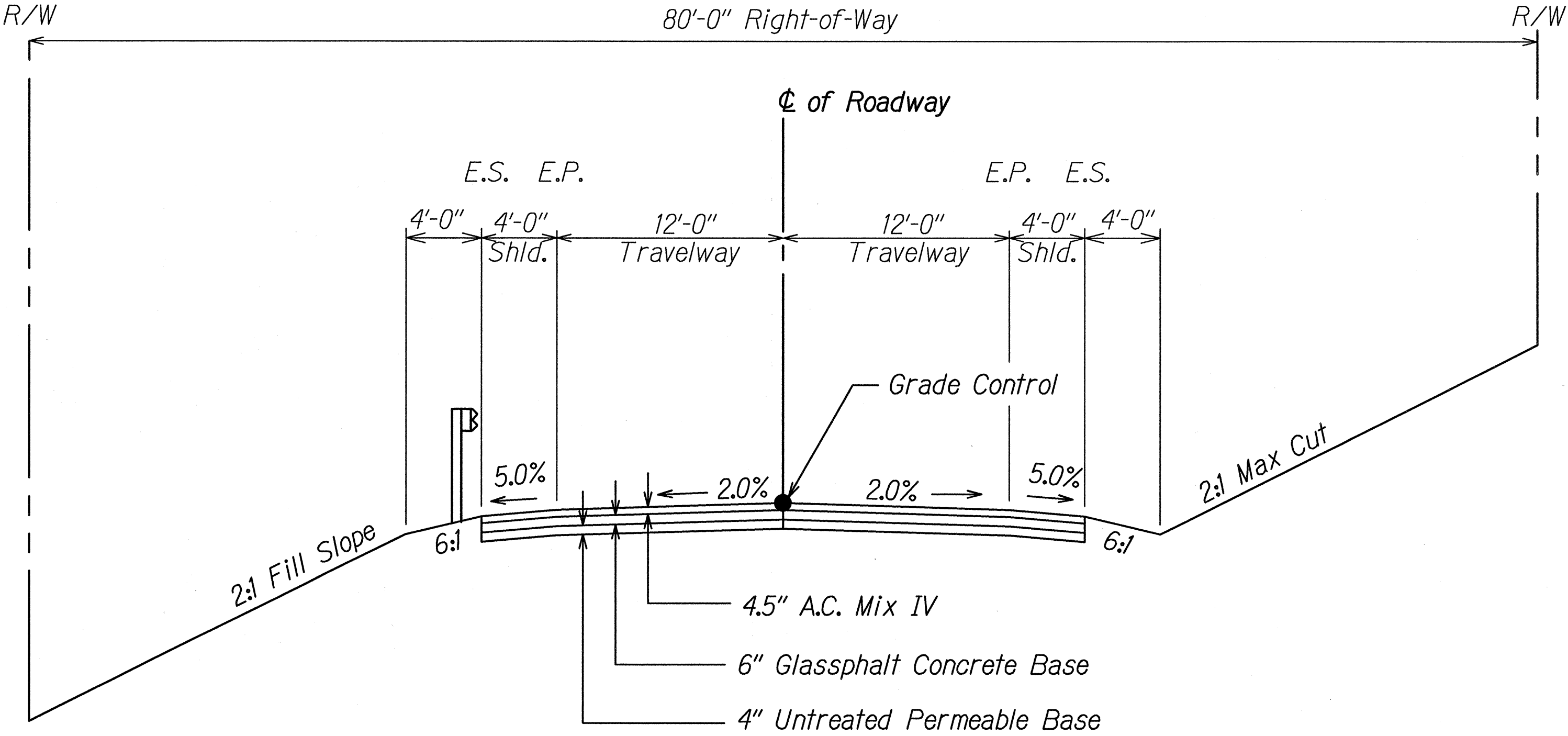
KEA'AU-PAHOA ROAD VICINITY OF
KEA'AU TOWN (KEA'AU BYPASS ROAD)
PROJECT NO. 130B-01-92, PHASE 1
Scale: NTS Date: May, 1997

ORIGINAL PLAN	DATE
DRAWN BY	...
DESIGNED BY	...
CHECKED BY	...
NO. 5000000000	...

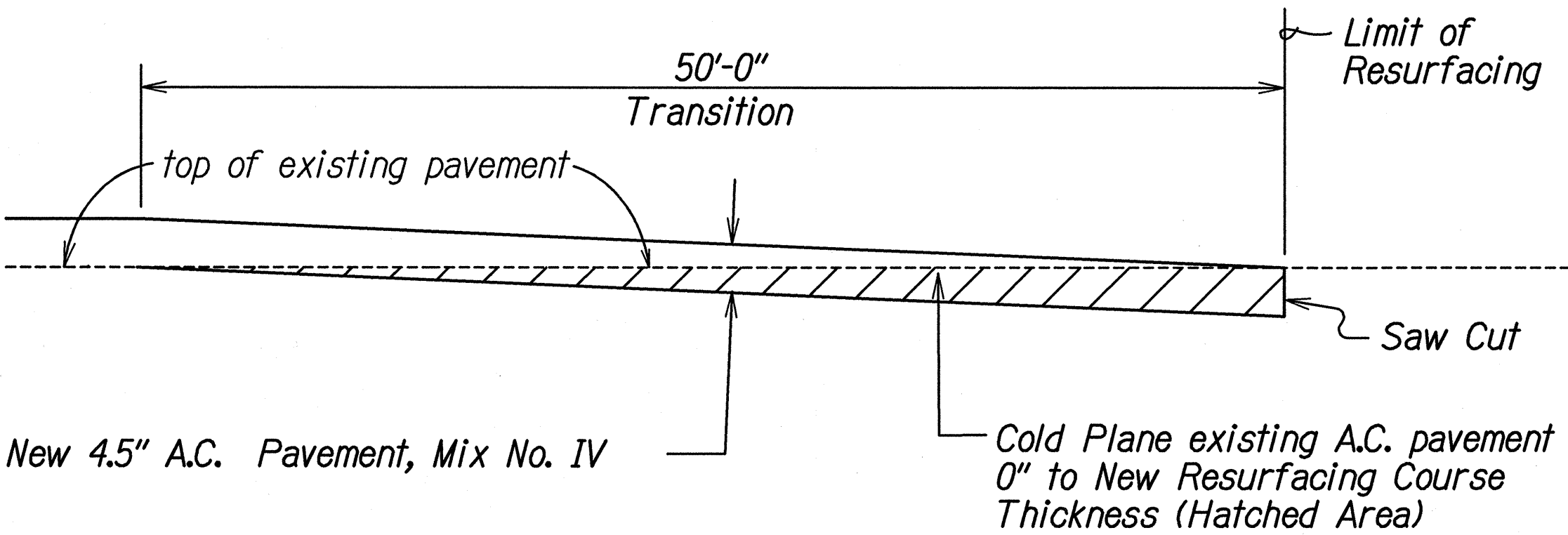
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Nancy E. Burns
DATE: 5/22/97

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-92	1997	8	115



TYPICAL SECTION ROAD "A"
Not To Scale



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TYPICAL SECTION
ROAD "A" & DETAILS**
KEA'AU-PAHOA ROAD VICINITY OF
KEA'AU TOWN (KEA'AU BYPASS ROAD)
PROJECT NO. 130B-01-92, PHASE 1
Scale: NTS Date: May, 1997

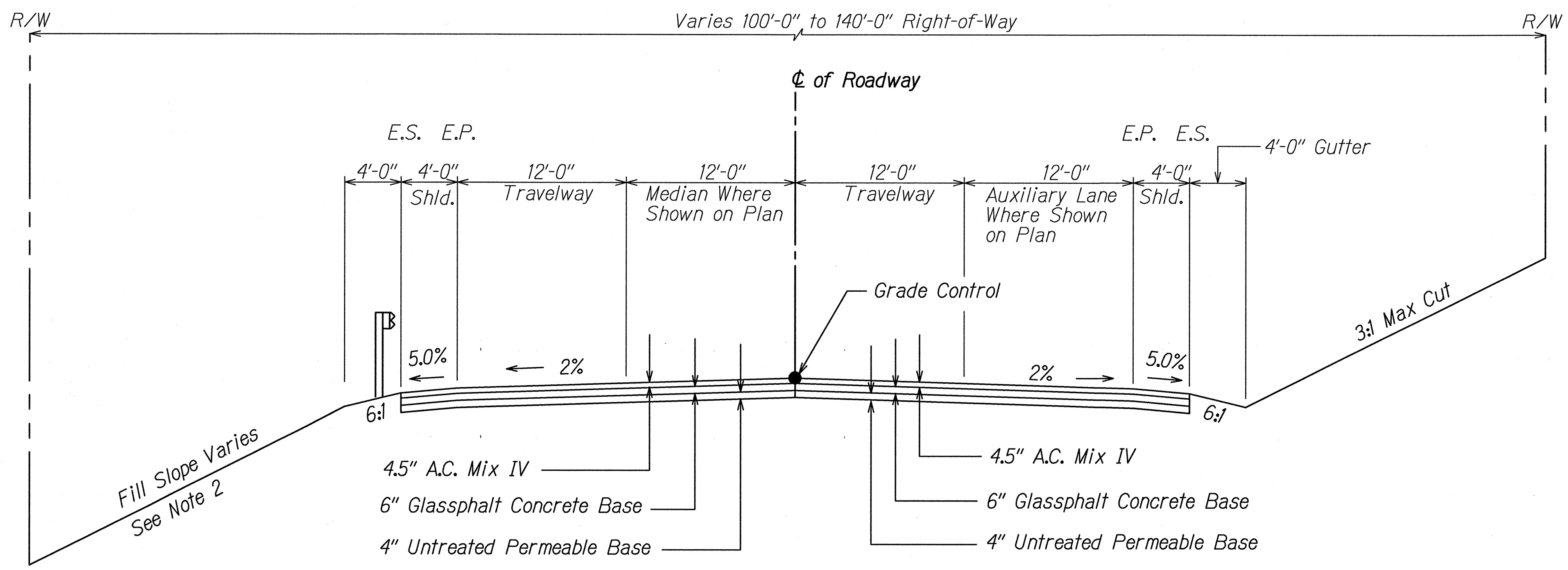
SHEET No. 3 OF 5 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	



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OR UNDER MY SUPERVISION.
Nancy E. Burns
DATE: 5/22/97

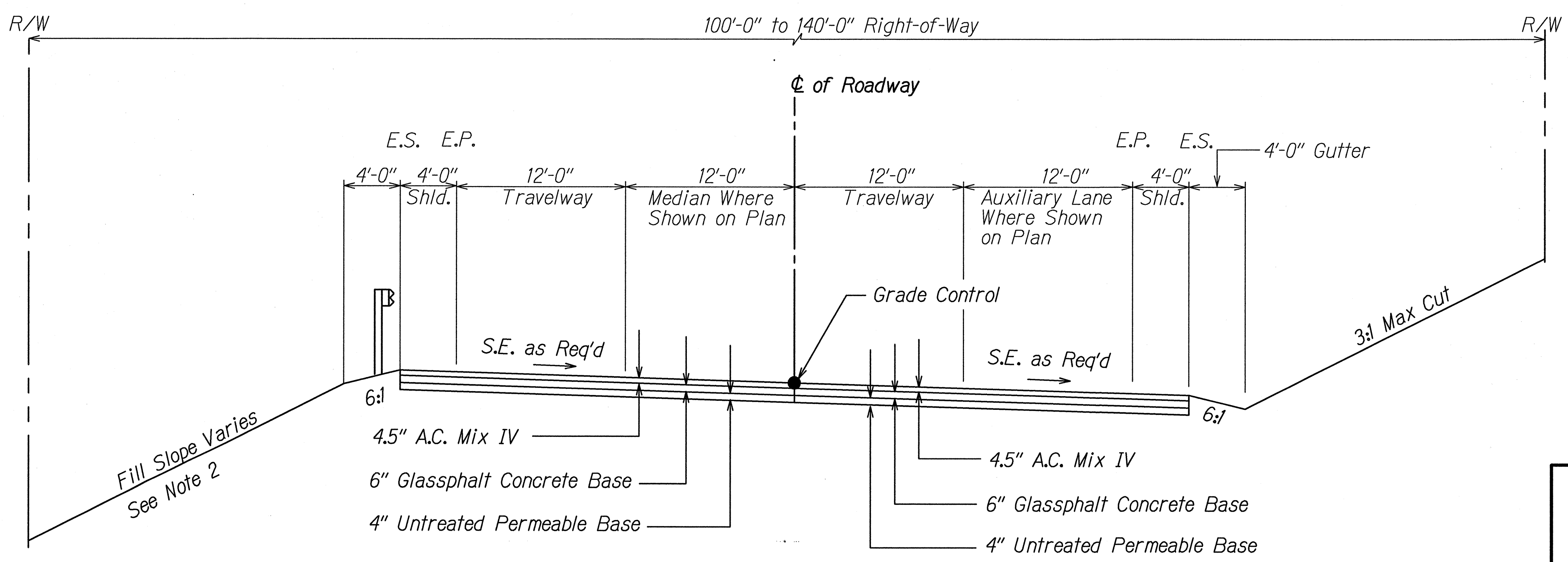
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-92	1997	9	115



- NOTES:
- See Superelevation Diagram for superelevation rates.
 - Fill Slopes:
0'-3.0'=6:1
3.0'-5.0'=5:1
>5.0'=1.5:1

TYPICAL TANGENT SECTION ROAD "B"

Not To Scale



TYPICAL SUPERELEVATION SECTION ROAD "B"

Not To Scale

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
DATE	



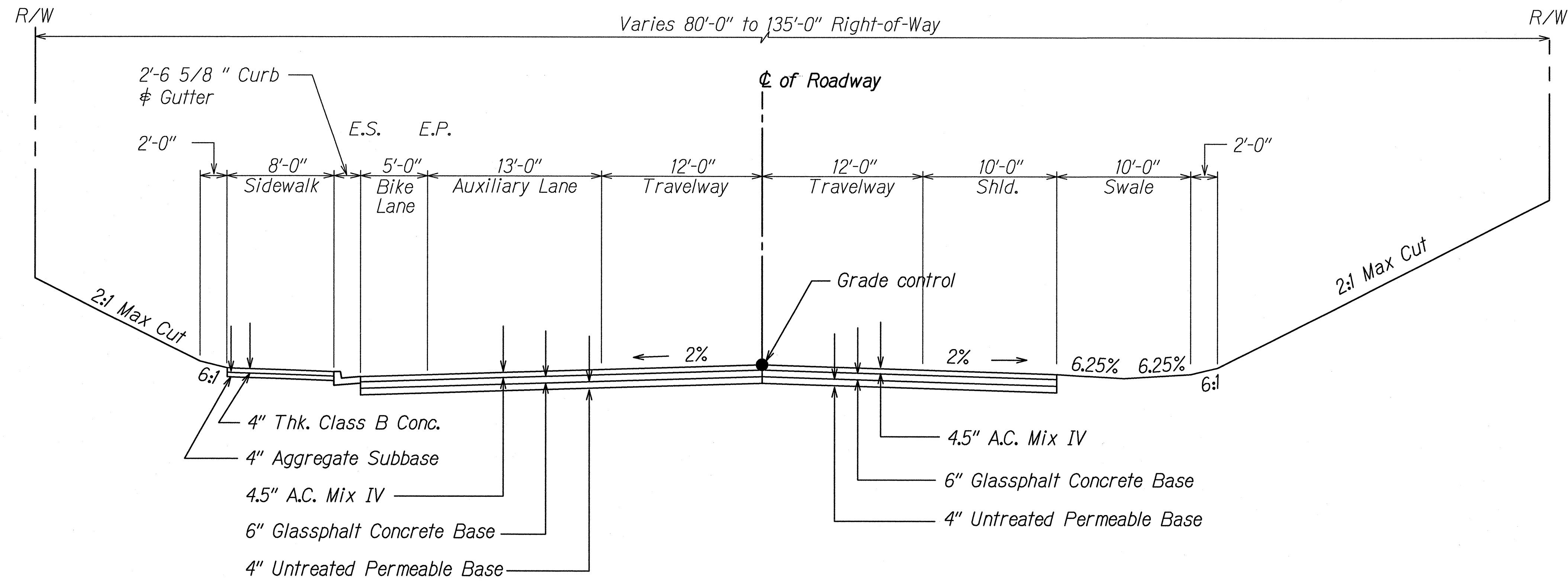
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Nancy E. Burns
DATE: 5/22/97

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTION
ROAD "B"
KEA'AU-PAHOA ROAD VICINITY OF
KEA'AU TOWN (KEA'AU BYPASS ROAD)
PROJECT NO. 130B-01-92, PHASE 1
Scale: NTS Date: May, 1997

SHEET No. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	130B-01-92	1997	10	115



TYPICAL SECTION HIGH SCHOOL CONNECTOR ROAD

Not To Scale

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	
	NO. 860526/020	



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OR UNDER MY SUPERVISION.
Nancy E. Burns
DATE: 5/22/97

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTION
H.S. CONNECTOR ROAD
KEA'AU-PAHOA ROAD VICINITY OF
KEA'AU TOWN (KEA'AU BYPASS ROAD)
PROJECT NO. 130B-01-92, PHASE 1
Scale: NTS Date: May, 1997