

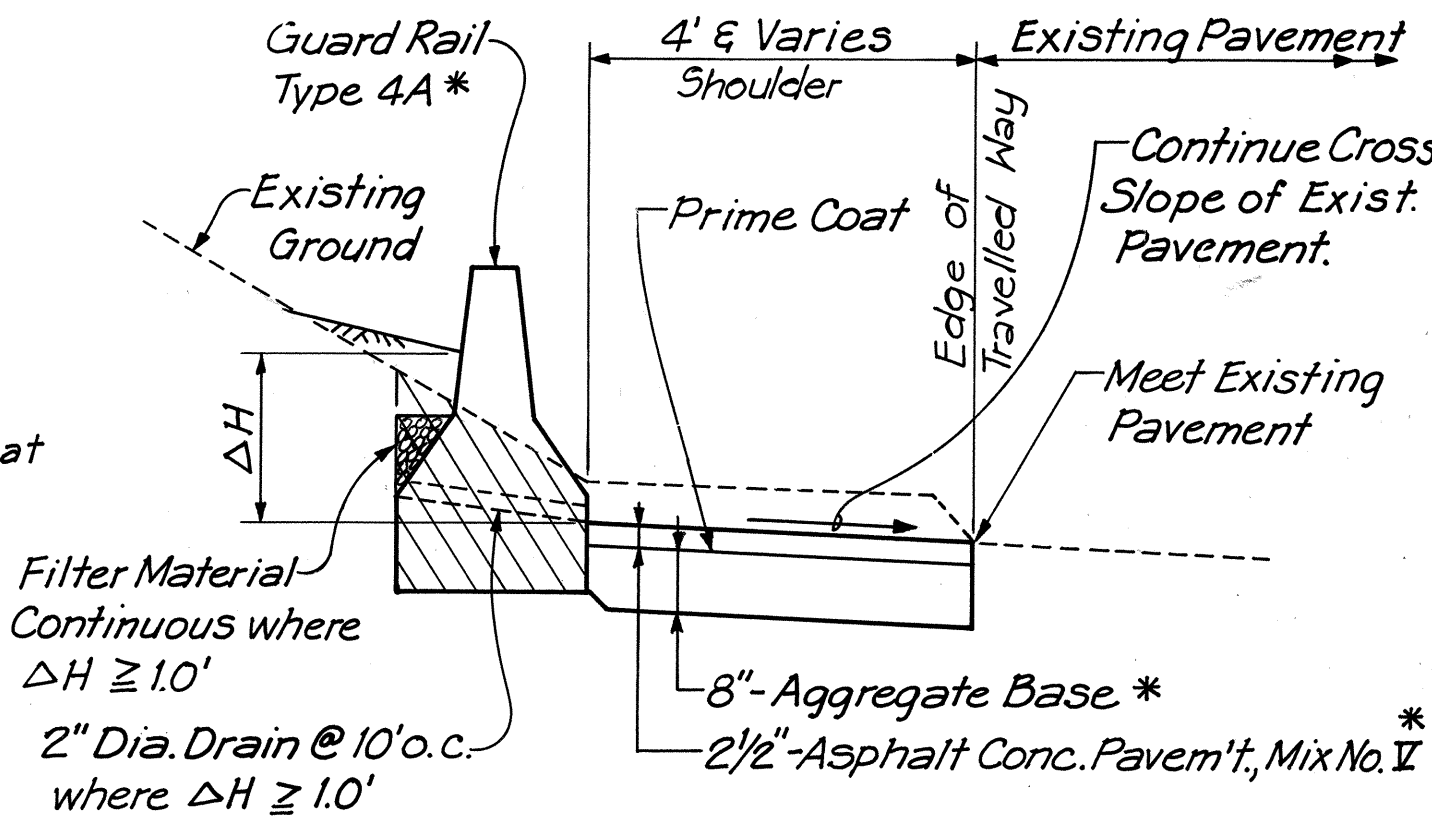
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(131):17	1977	4	394

### GENERAL NOTES

- Shoulder slope at normal sections shall be 5%. On the low side of superelevated sections, when pavement slope towards shoulder exceeds 5%, then the shoulder slope shall be continuous with the pavement slope. On the high side of superelevated sections the shoulder slope shall be continuous with the pavement slope, when the slope equals or exceeds 0%. The transition from normal shoulder slope of 5% to 0% shall coincide with the pavement crown runoff length. Slope transition at structure approaches shall be 1% per 20'. Shoulders of 4' width or less shall have the same cross slope as the roadway.
- For underdrain details, see Sheet No. 102. For locations see Grading and Drainage Plans.
- All Typical Sections are shown in the direction of stationings.

NOTE: Hatched area denotes pay limit of Roadway Excavation for Guard Rail Type 4A

\*See Sht. No. 32 for Transition to meet Tunnel Portal.



### TYPICAL SECTION INTERSTATE ROUTE H-1 (EASTBOUND) STA. 270+90 TO TUNNEL PORTAL

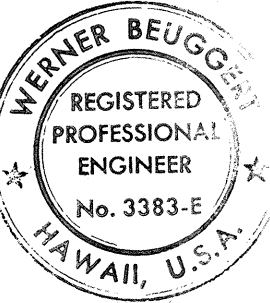
SCALE: 1" = 2'  
7/6/78 Revised grading requirement in Typical Section.

DATE: REVISION: STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

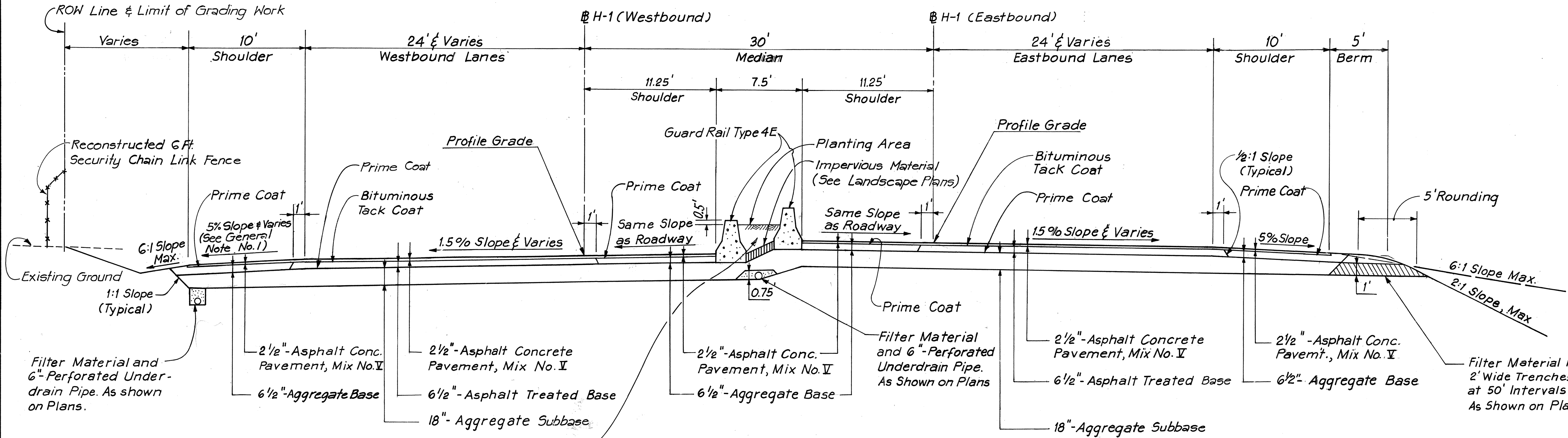
### TYPICAL SECTIONS

INTERSTATE ROUTE H-1  
PROJECT NO. I-HI-1(131):17

SCALE: AS SHOWN DATE: AUG. 31, 1977  
SHEET NO. 1 OF 4 SHEETS



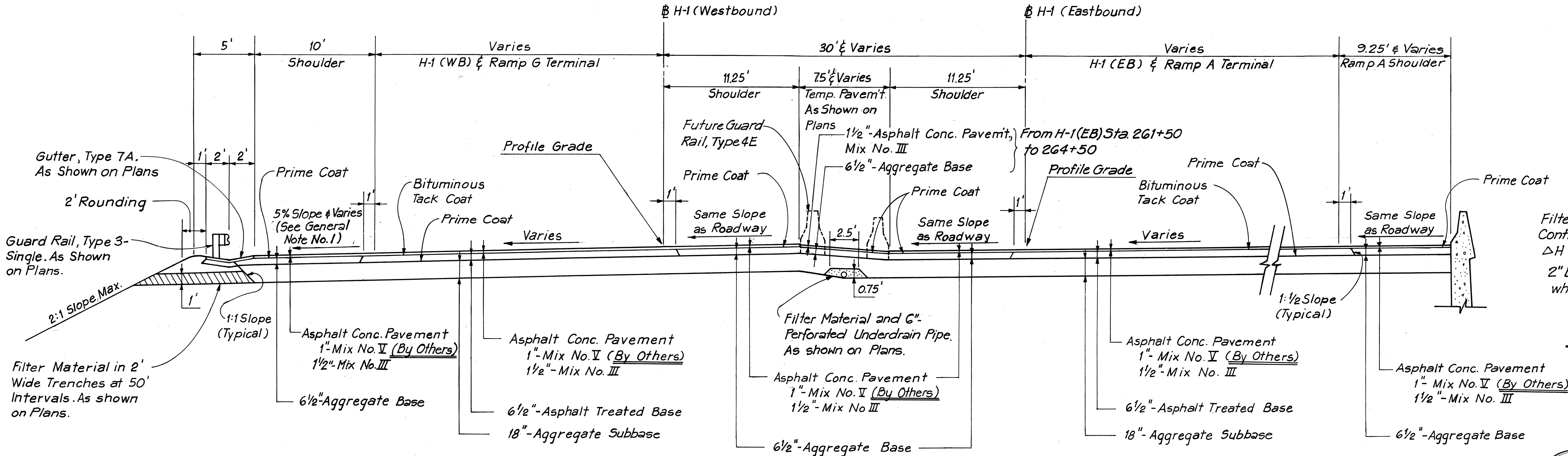
THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.  
Werner Beugg



### TYPICAL SECTION - INTERSTATE ROUTE H-1

SCALE: 1" = 5'

Area within 10' of lighting standard foundations is to be backfilled with structure backfill material and compacted to 95%. See landscape plans for backfill of remaining area.

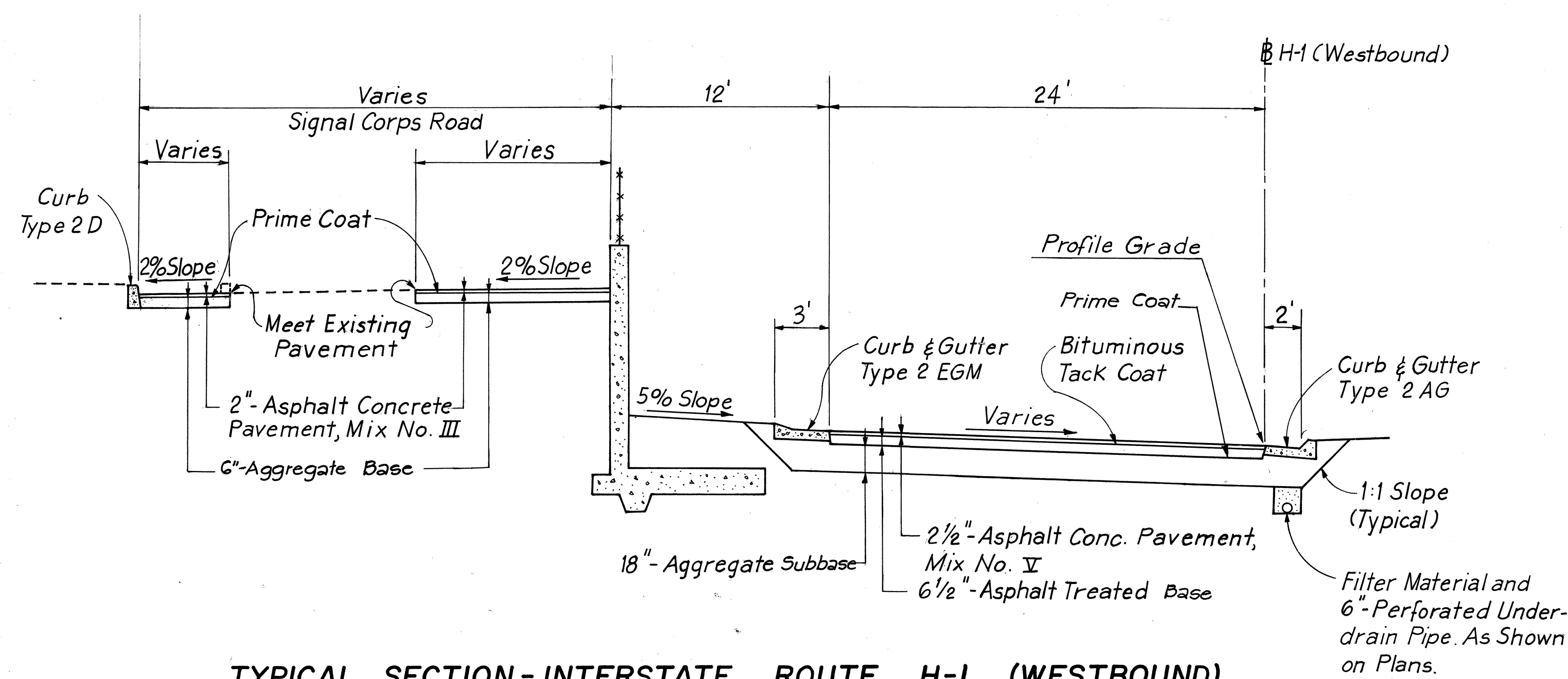


### SUPERELEVATED SECTION - INTERSTATE ROUTE H-1

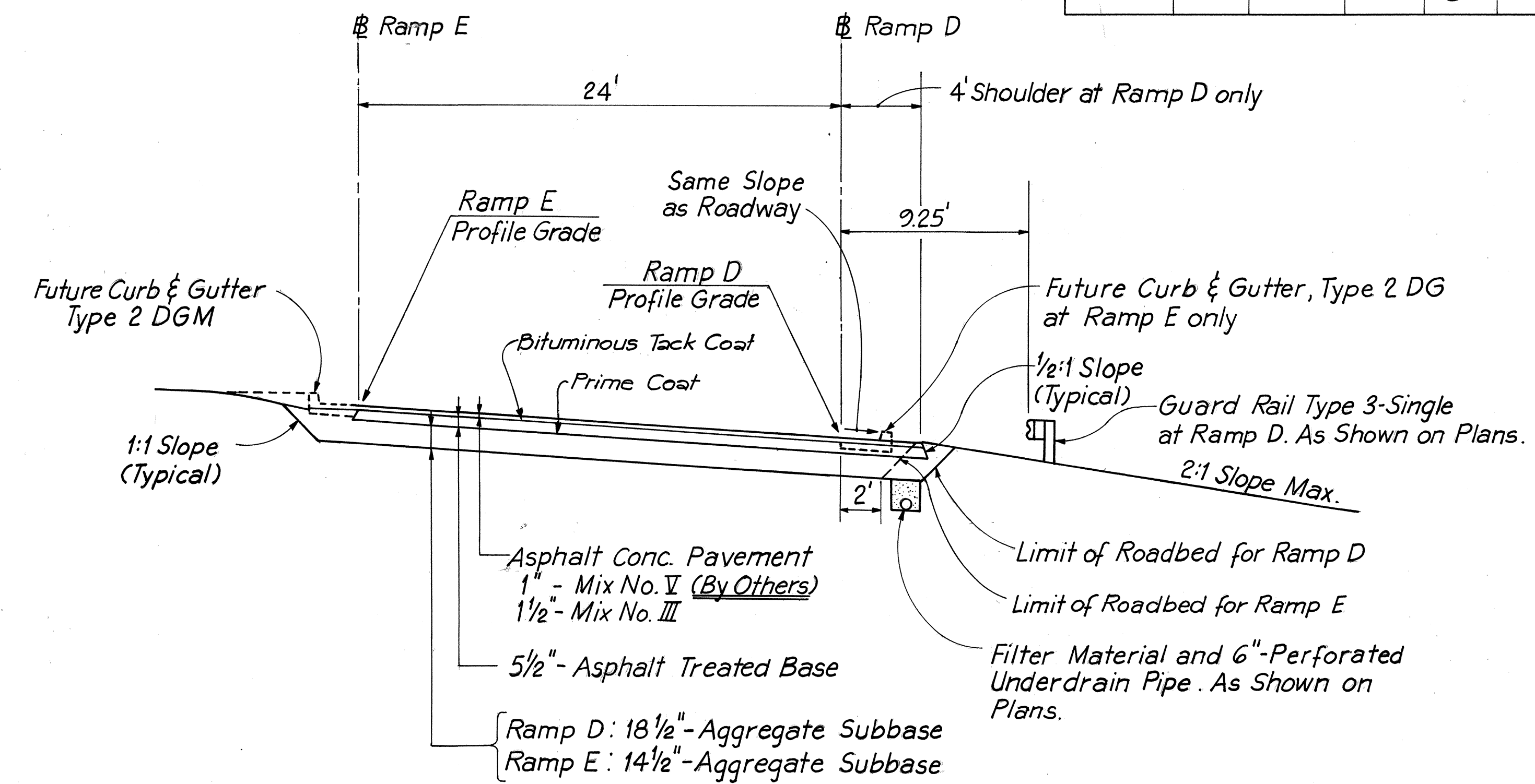
SCALE: 1" = 5'

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

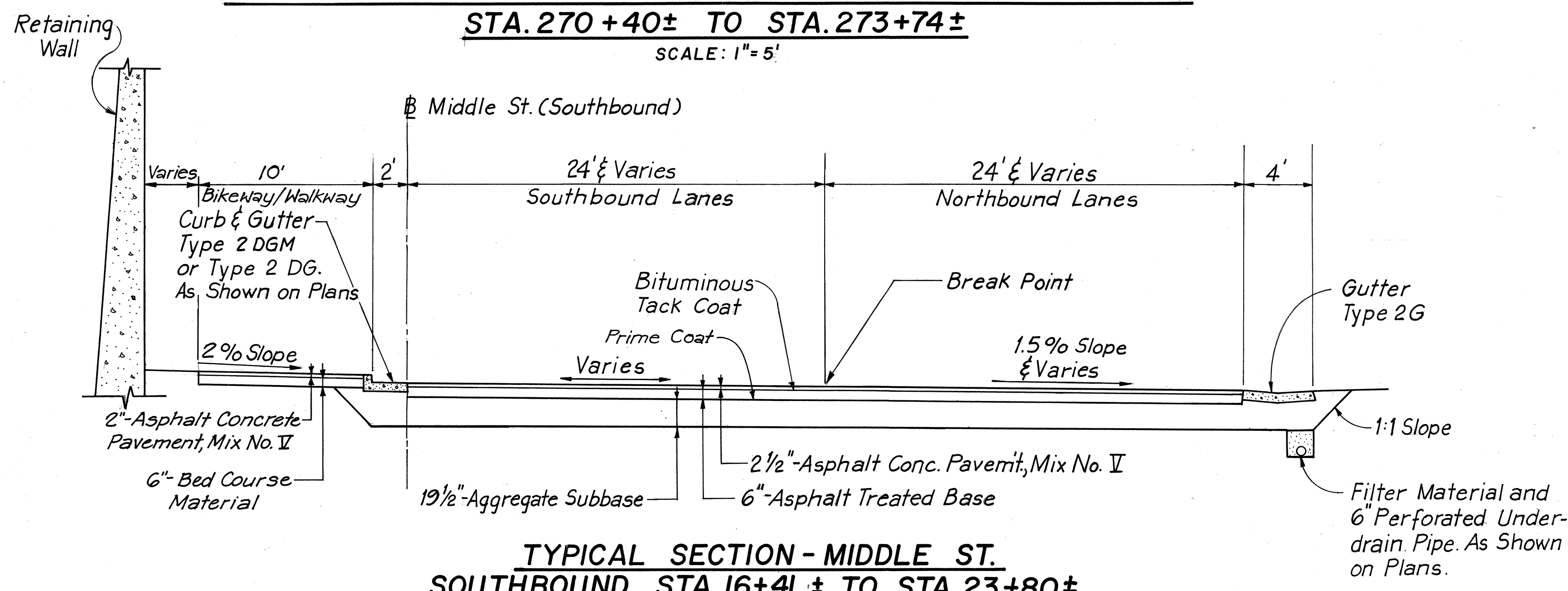
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(131):17	1977	5	394



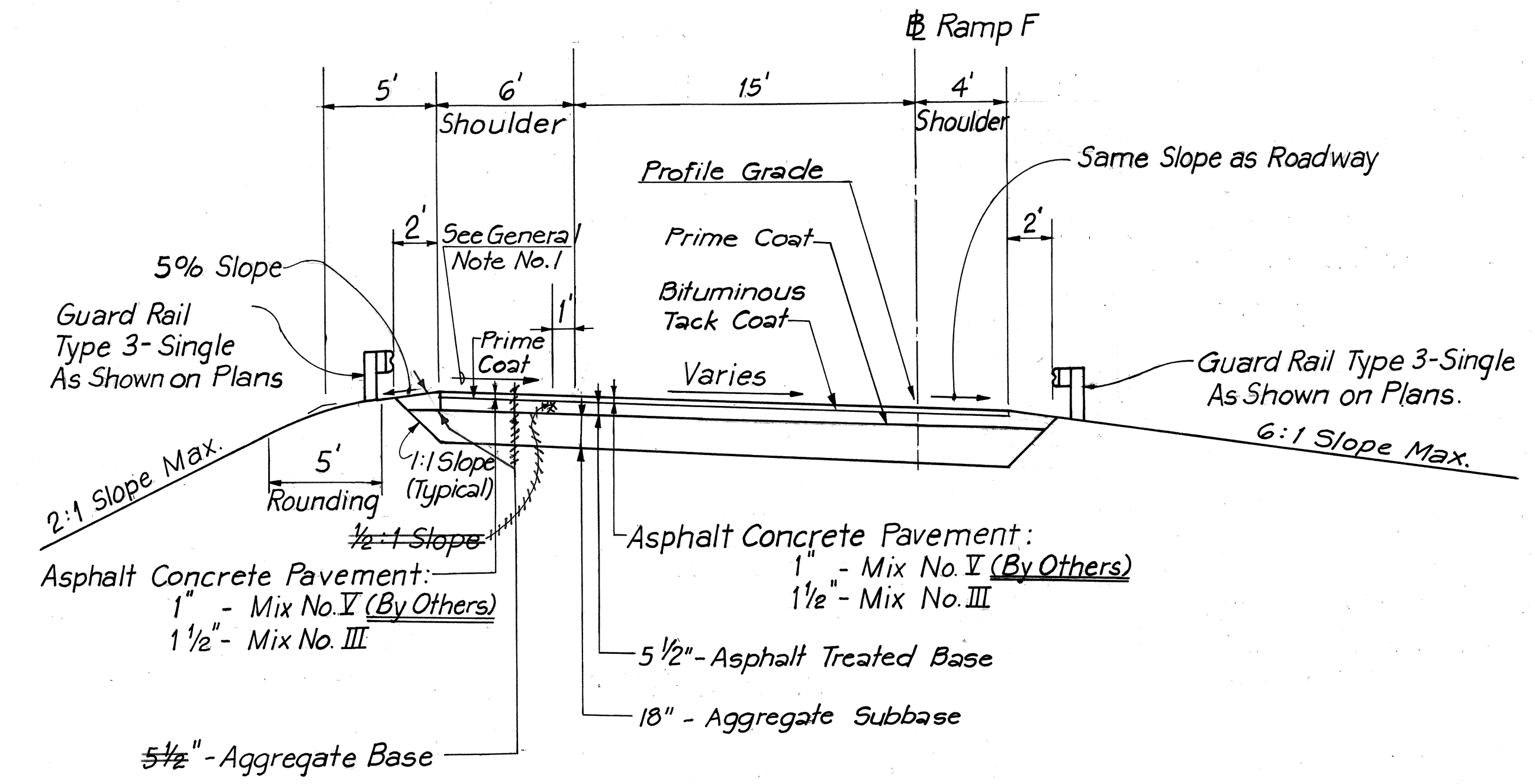
**TYPICAL SECTION - INTERSTATE ROUTE H-1 (WESTBOUND)**  
**STA. 270+40± TO STA. 273+74±**  
 SCALE: 1" = 5'



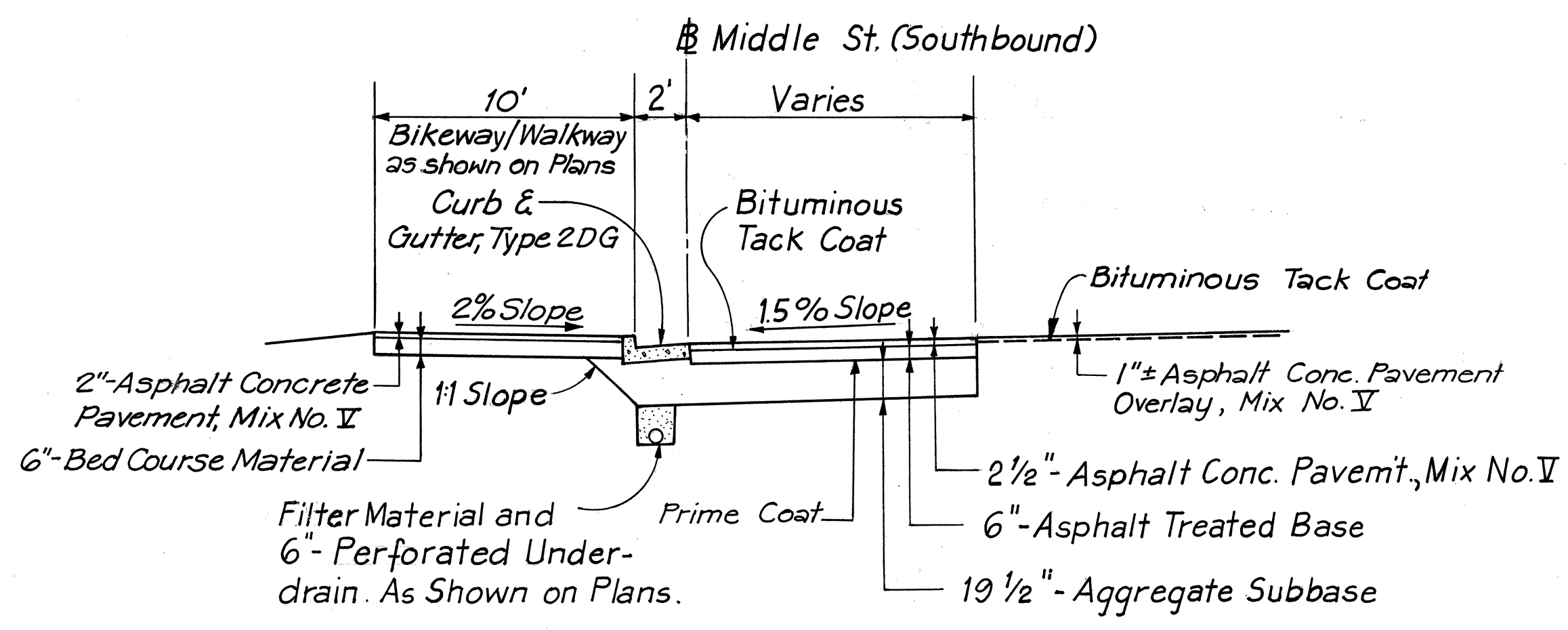
**TYPICAL SECTION - RAMP D & RAMP E**  
 SCALE: 1" = 5'



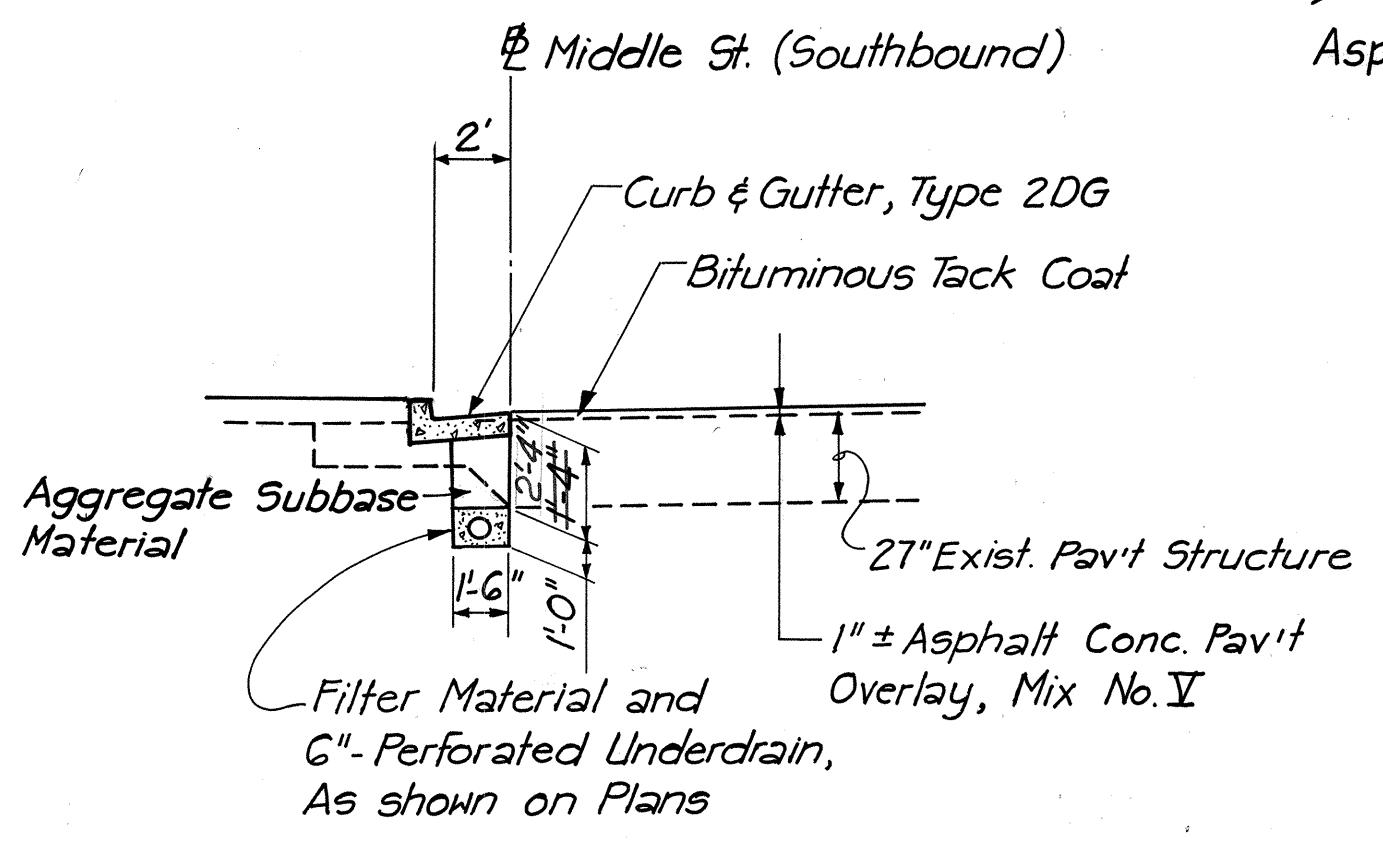
**TYPICAL SECTION - MIDDLE ST. SOUTHBOUND**  
**STA. 16+41± TO STA. 23+80±**  
 SCALE: 1" = 5'



**TYPICAL SECTION - RAMP F**  
 SCALE: 1" = 5'



**TYPICAL SECTION - MIDDLE ST. SOUTHBOUND**  
**STA. 23+80± TO STA. 28+40±**  
 SCALE: 1" = 5'



**TYPICAL SECTION - MIDDLE ST. SOUTHBOUND**  
**STA. 28+40± TO STA. 32+40±**  
 SCALE: 1" = 5'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.  
 Werner Beugnot

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**TYPICAL SECTIONS**

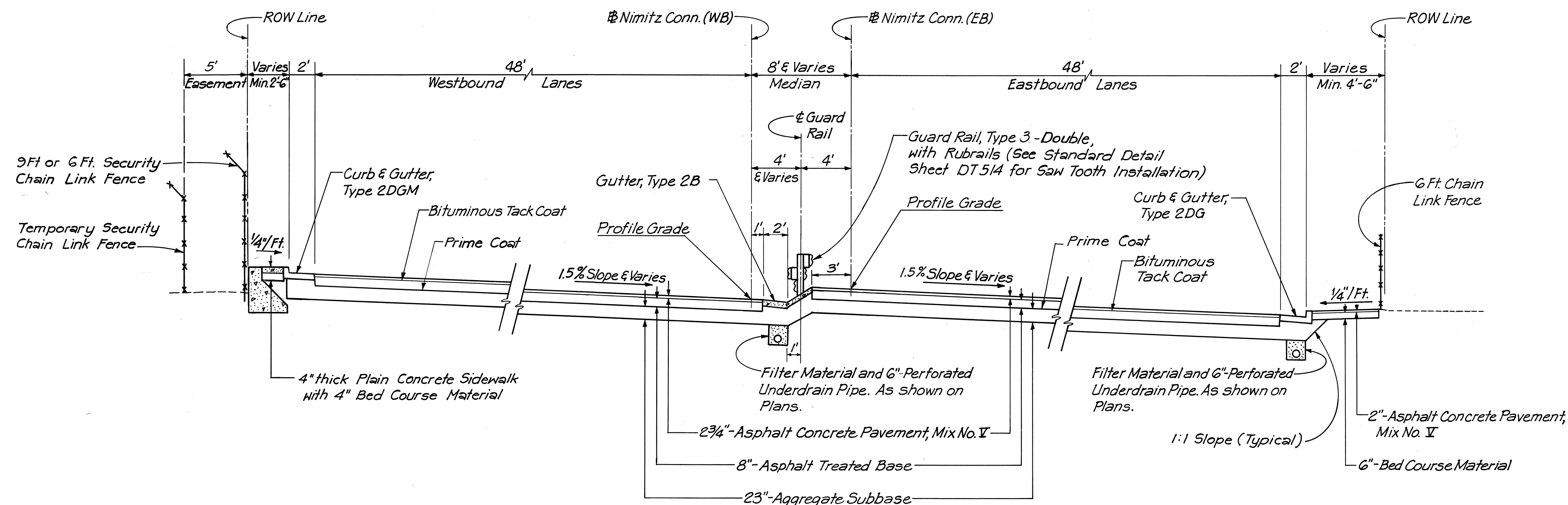
INTERSTATE ROUTE H-1  
 PROJECT NO. I-HI-1(131):17

SCALE: 1" = 5'      DATE: AUG. 31, 1977

SHEET NO. 2 OF 4 SHEETS

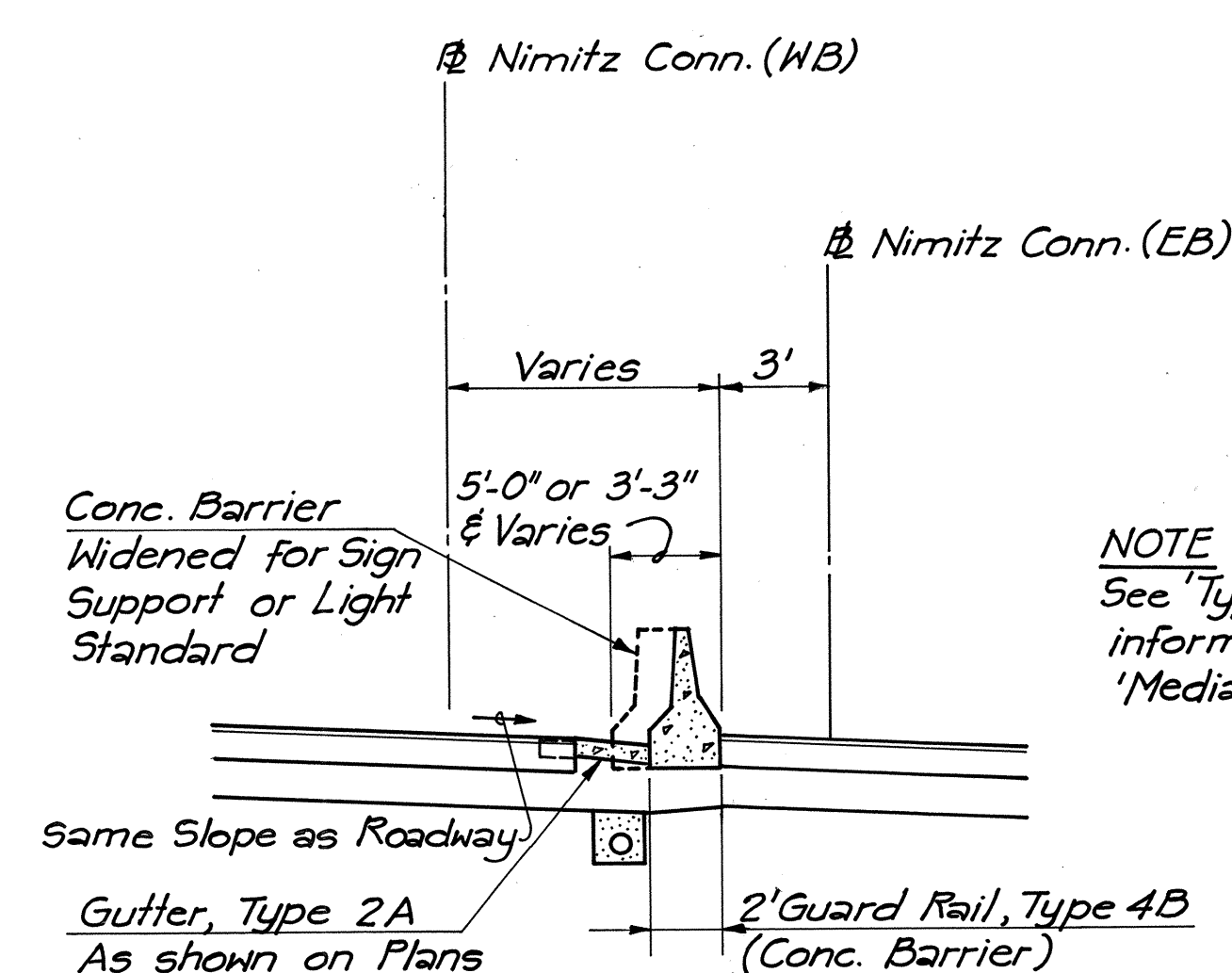


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(131):17	1977	6	394



**TYPICAL SECTION - NIMITZ CONNECTORS**

SCALE: 1" = 5'

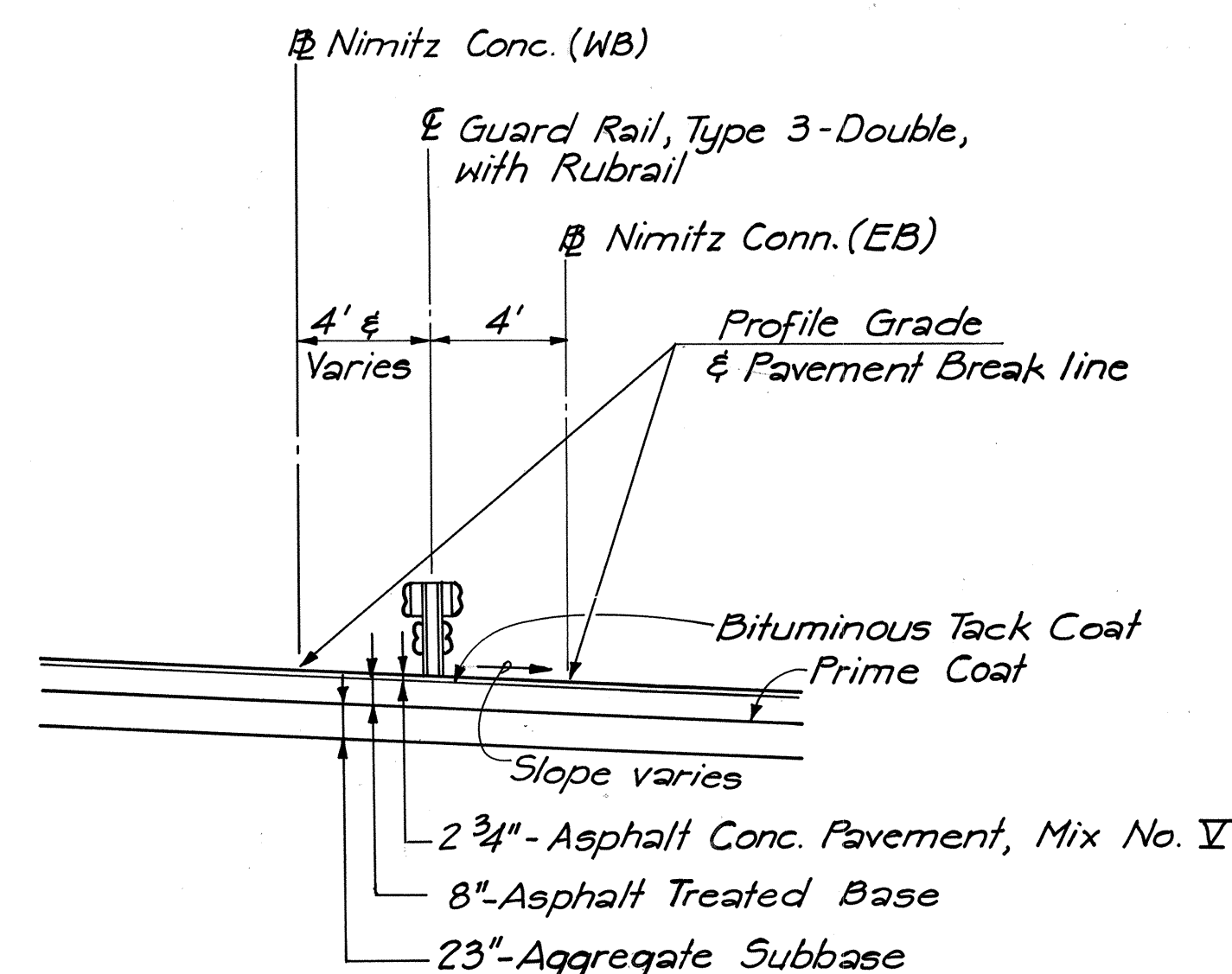


NOTE:  
See 'Typical Section' for  
information not shown in  
'Median Details'.

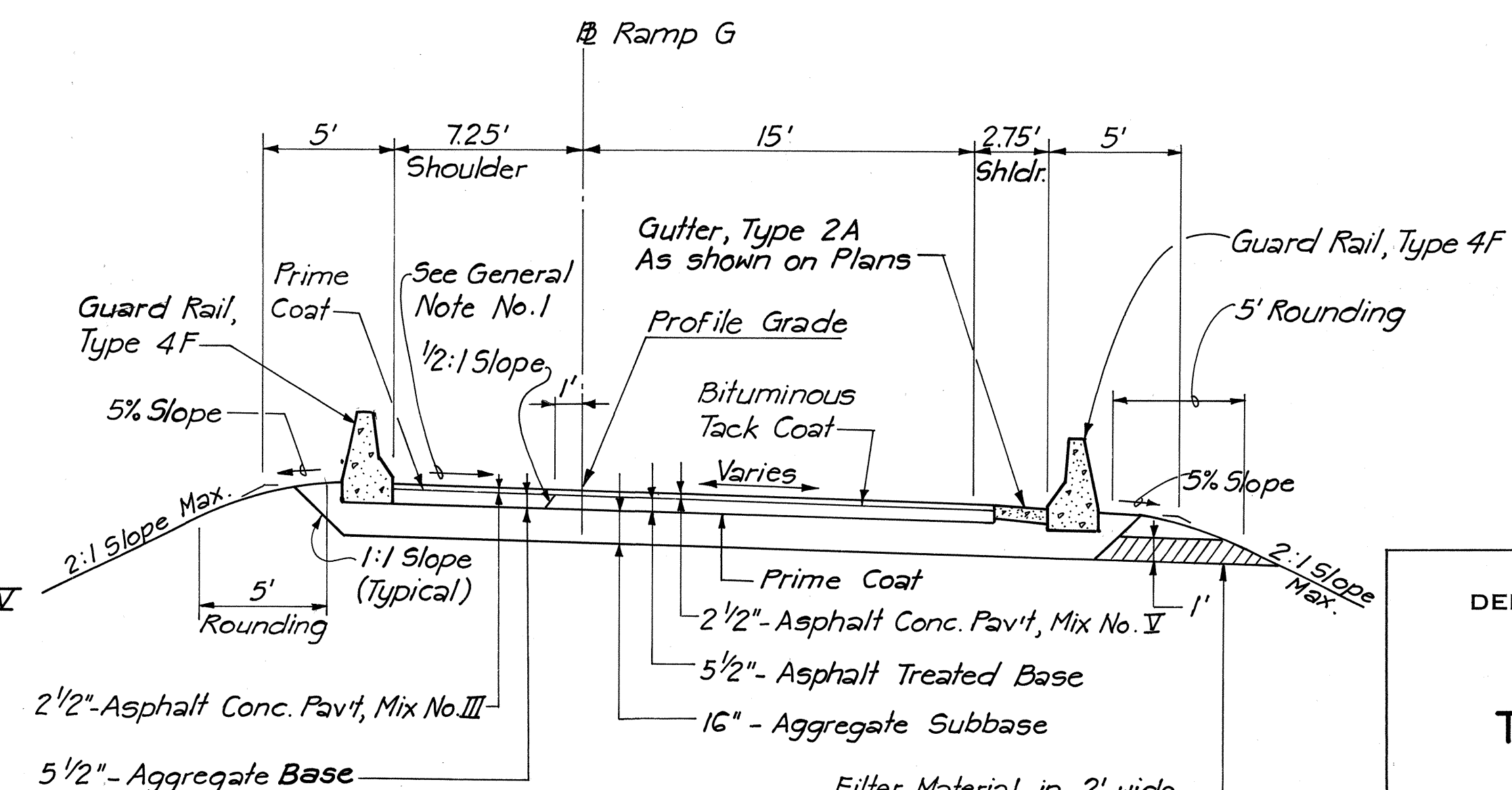
FROM N.C. (WB) STA. 56+55 ± TO N.C. (WB) STA. 58+20 ±

**MEDIAN DETAILS - NIMITZ CONNECTOR**

SCALE: 1" = 5'

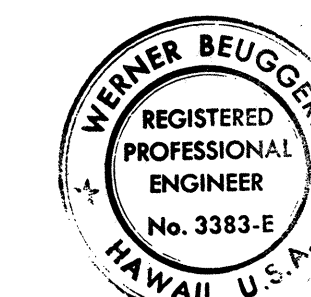


FROM N.C. (WB) STA. 45+24 ± TO N.C. (WB) STA. 46+60 ±



**TYPICAL SECTION - RAMP G**

SCALE: 1" = 5'



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION.

Werner Beugnot

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL SECTIONS**

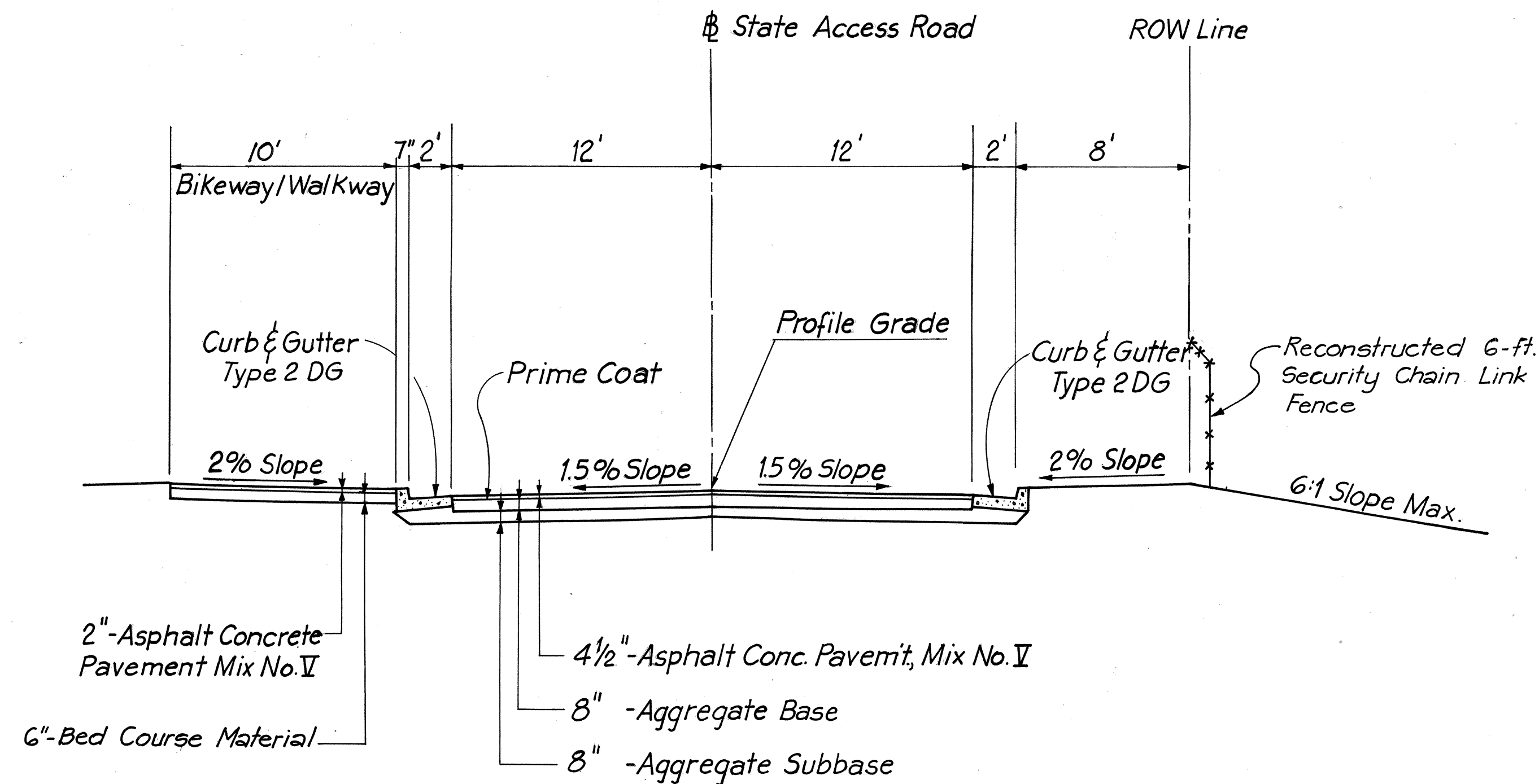
INTERSTATE ROUTE H-1  
PROJECT NO. I-HI-1(131):17

SCALE: 1" = 5'

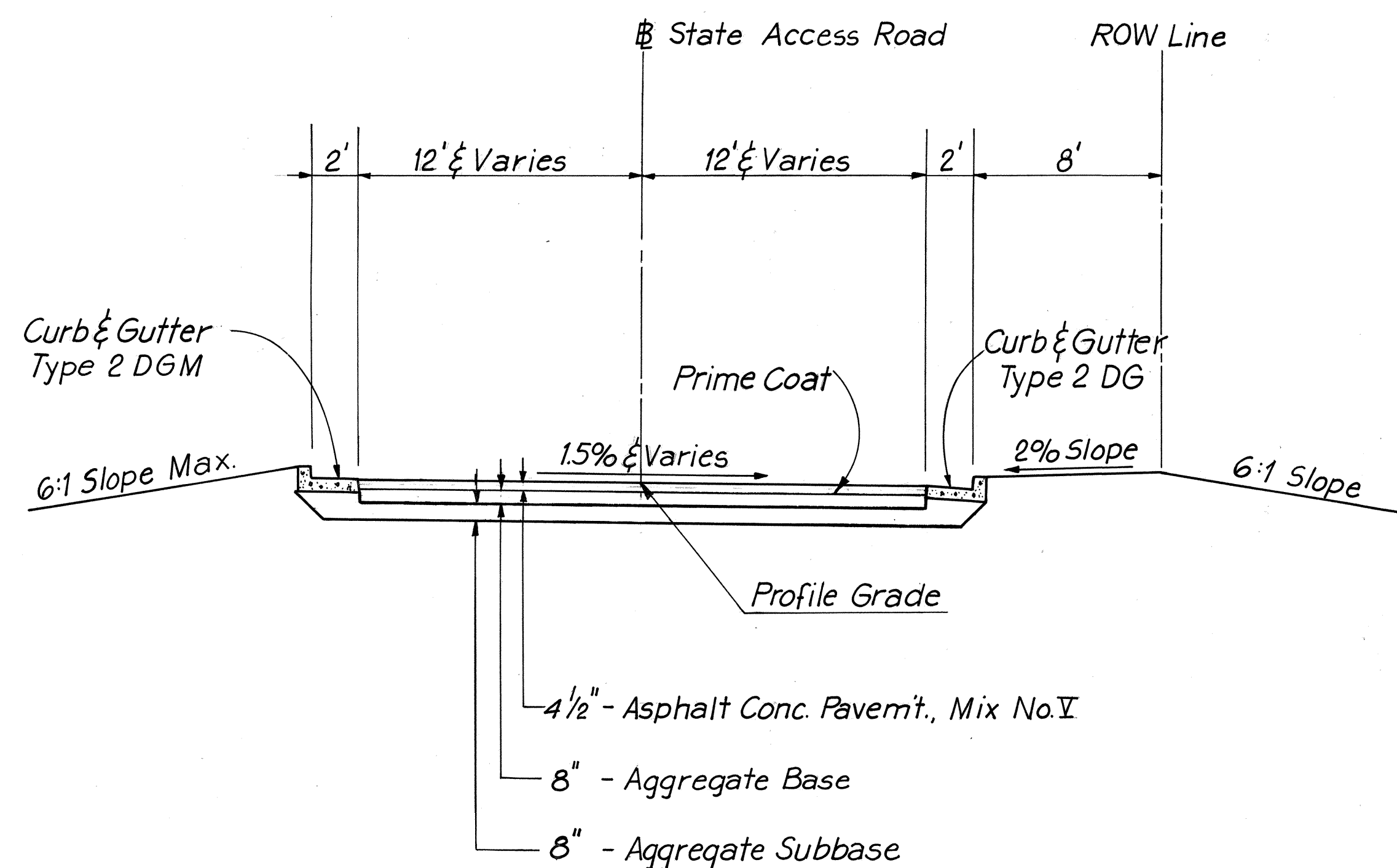
DATE: AUG. 31, 1977

SHEET NO. 3 OF 4 SHEETS

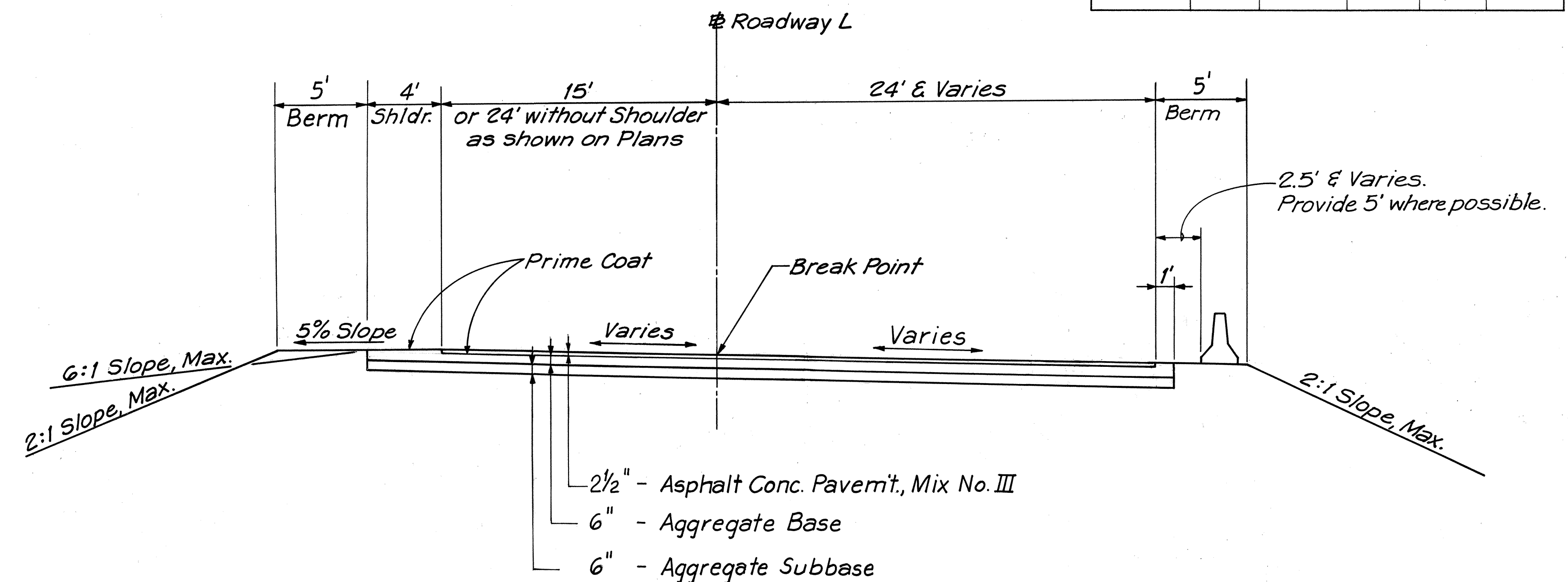
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(131):17	1977	7	394



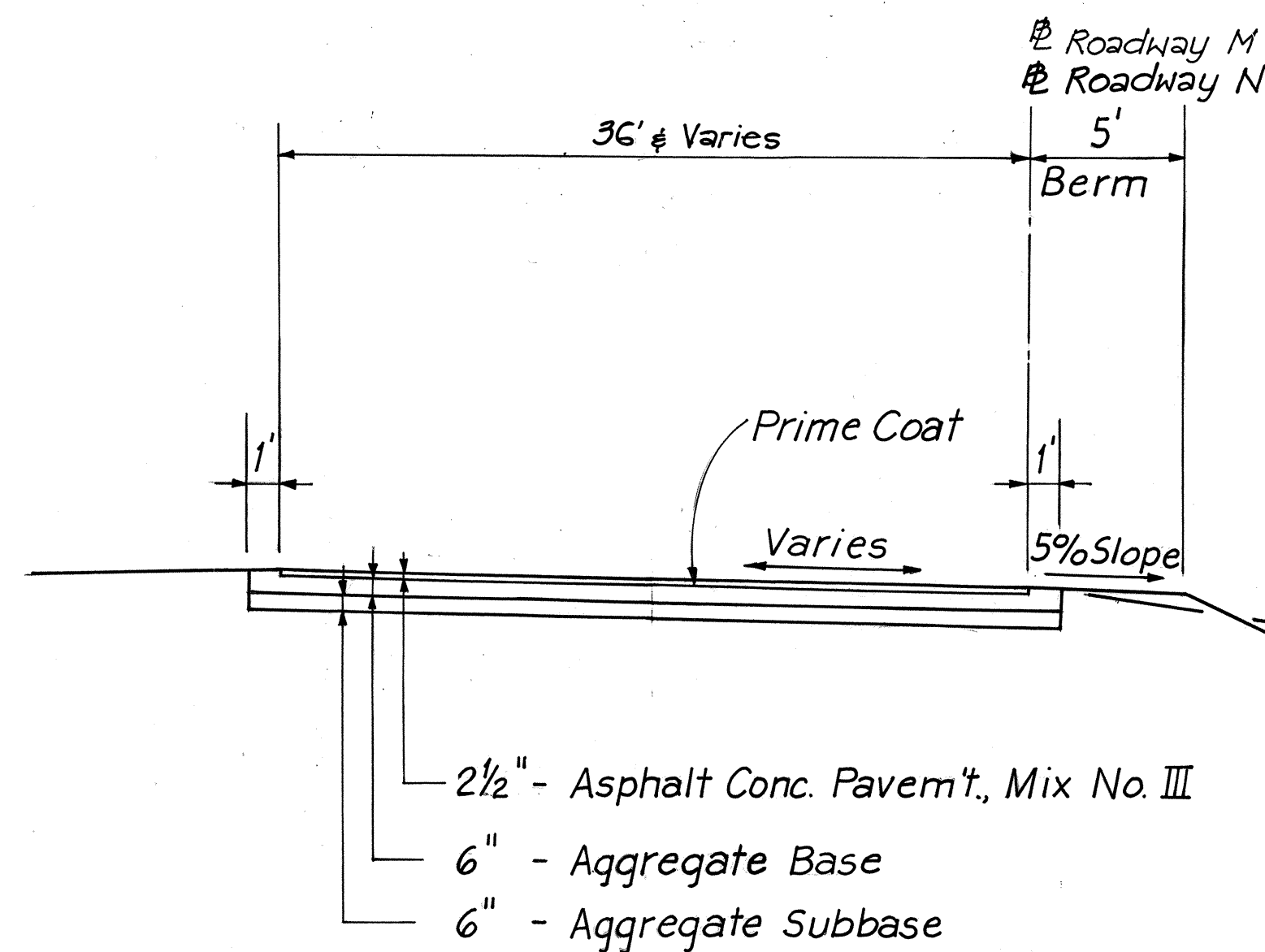
**TYPICAL SECTION - STATE ACCESS ROAD**  
SCALE: 1" = 5'



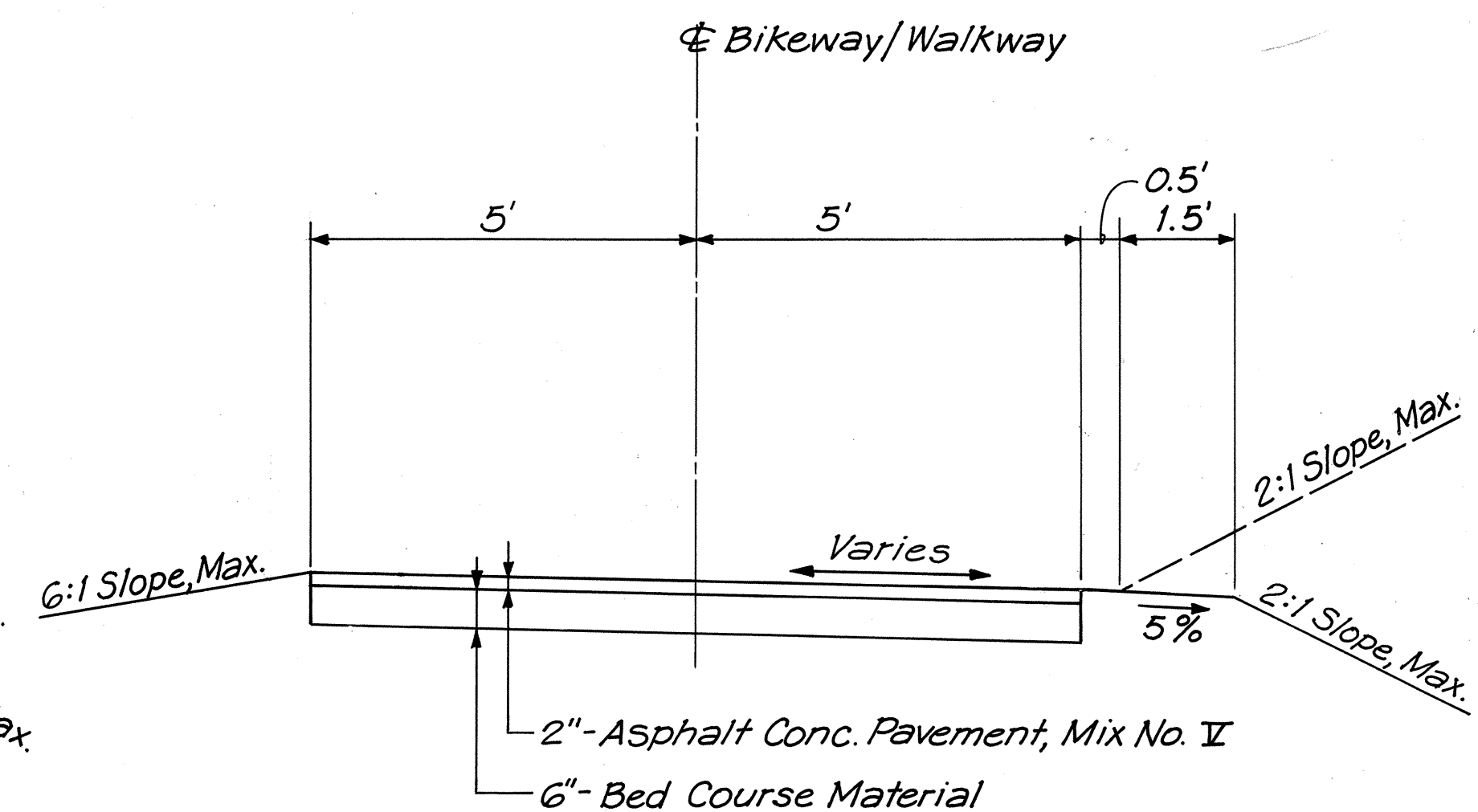
**SUPERELEVATED SECTION - STATE ACCESS ROAD**  
SCALE: 1" = 5'



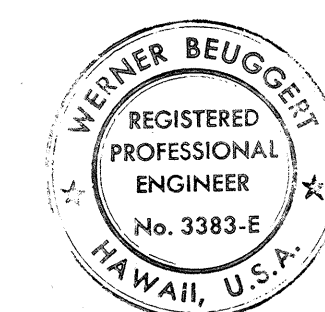
**TYPICAL SECTION - ROADWAY L**  
SCALE: 1" = 5'



**TYPICAL SECTION - ROADWAY M & ROADWAY N**  
SCALE: 1" = 5'



**TYPICAL SECTION - BIKEWAY/WALKWAY**  
SCALE: 1" = 2'



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION  
*Werner Beugger*

9/15/78	Revised Typical Section for Roadways M & N
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<b>TYPICAL SECTIONS</b>	
INTERSTATE ROUTE H-1 PROJECT NO. I-HI-1(131):17	
SCALE: AS SHOWN	DATE: Aug. 31, 1977
SHEET NO. 4 OF 4 SHEETS	