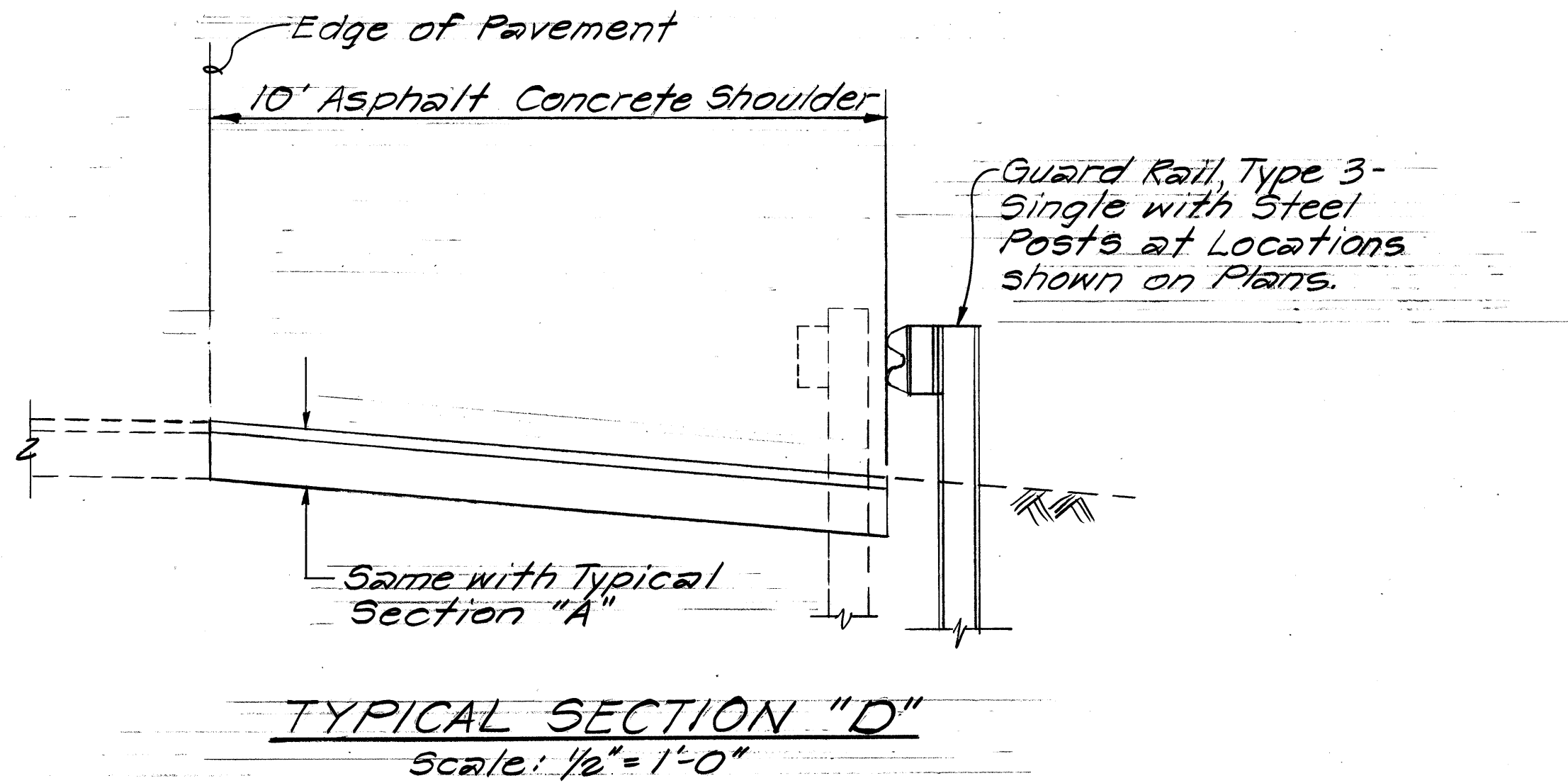
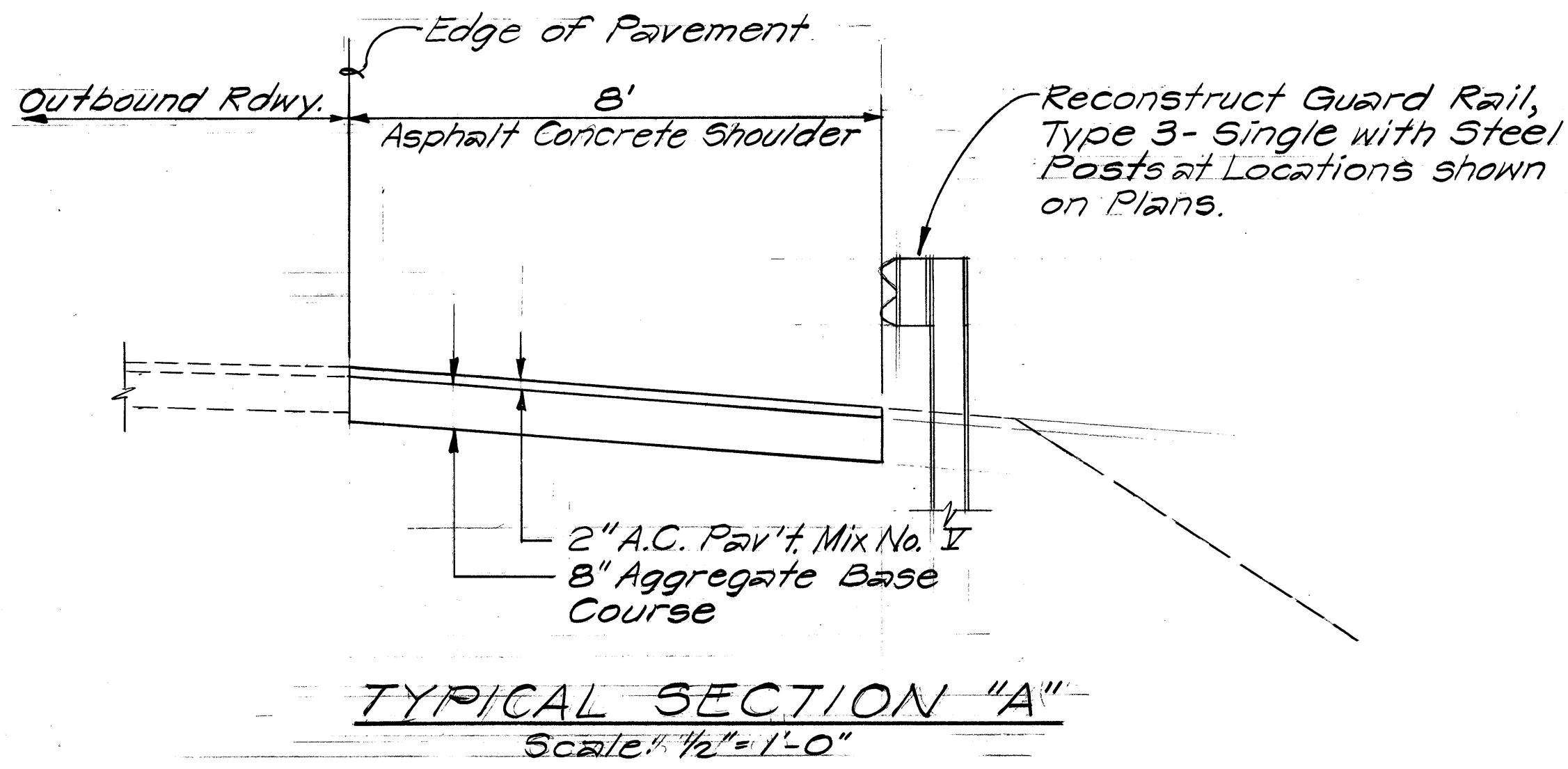
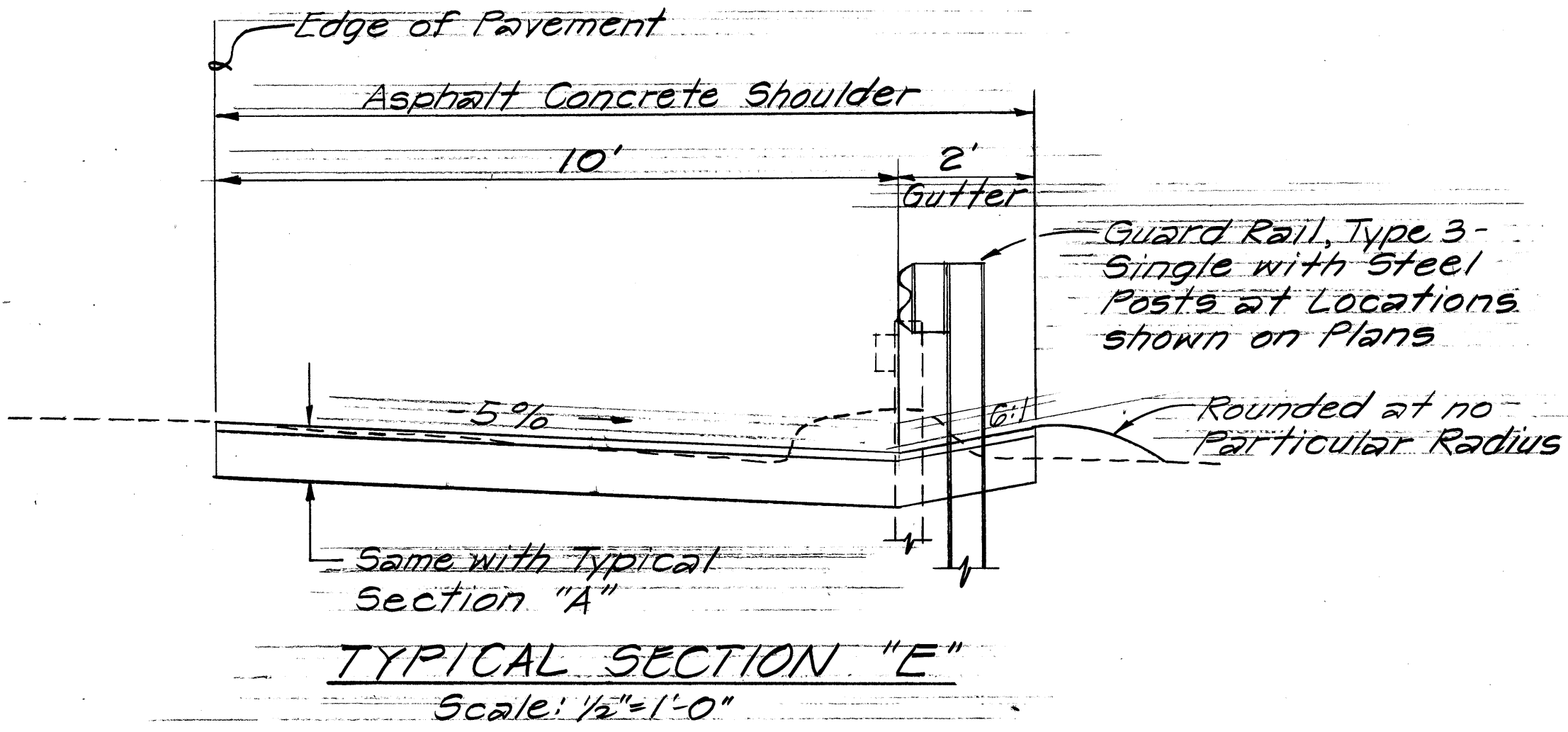
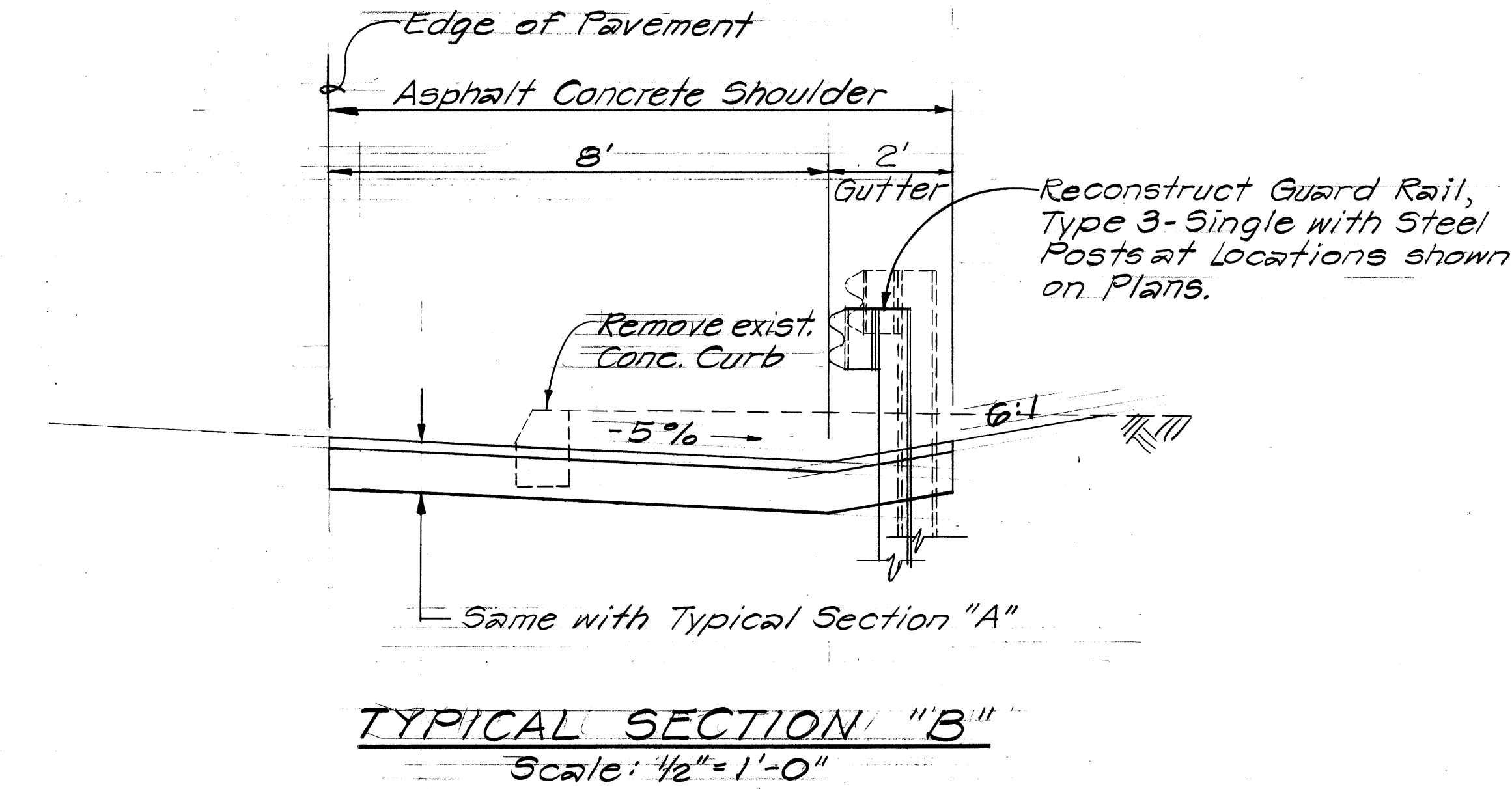


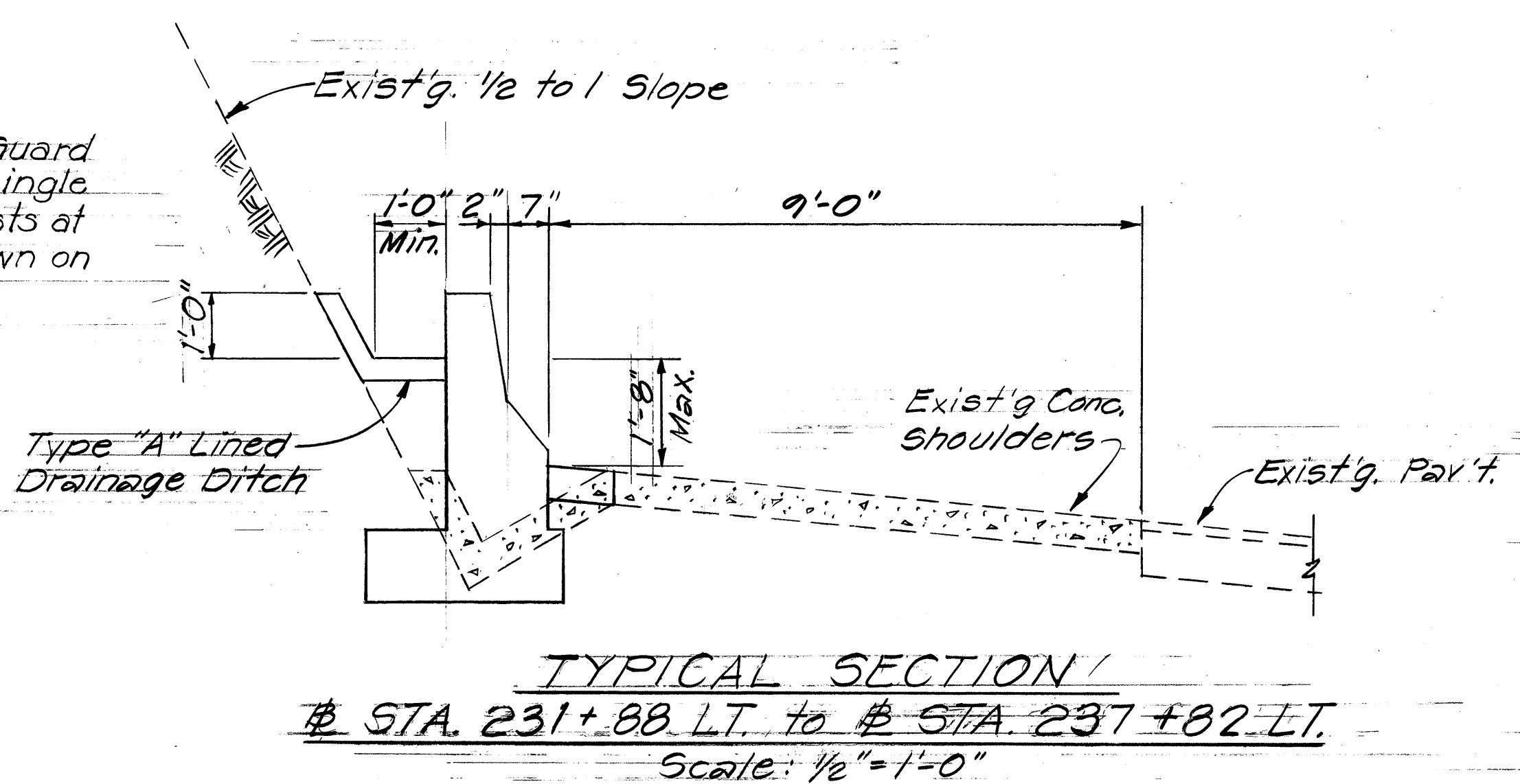
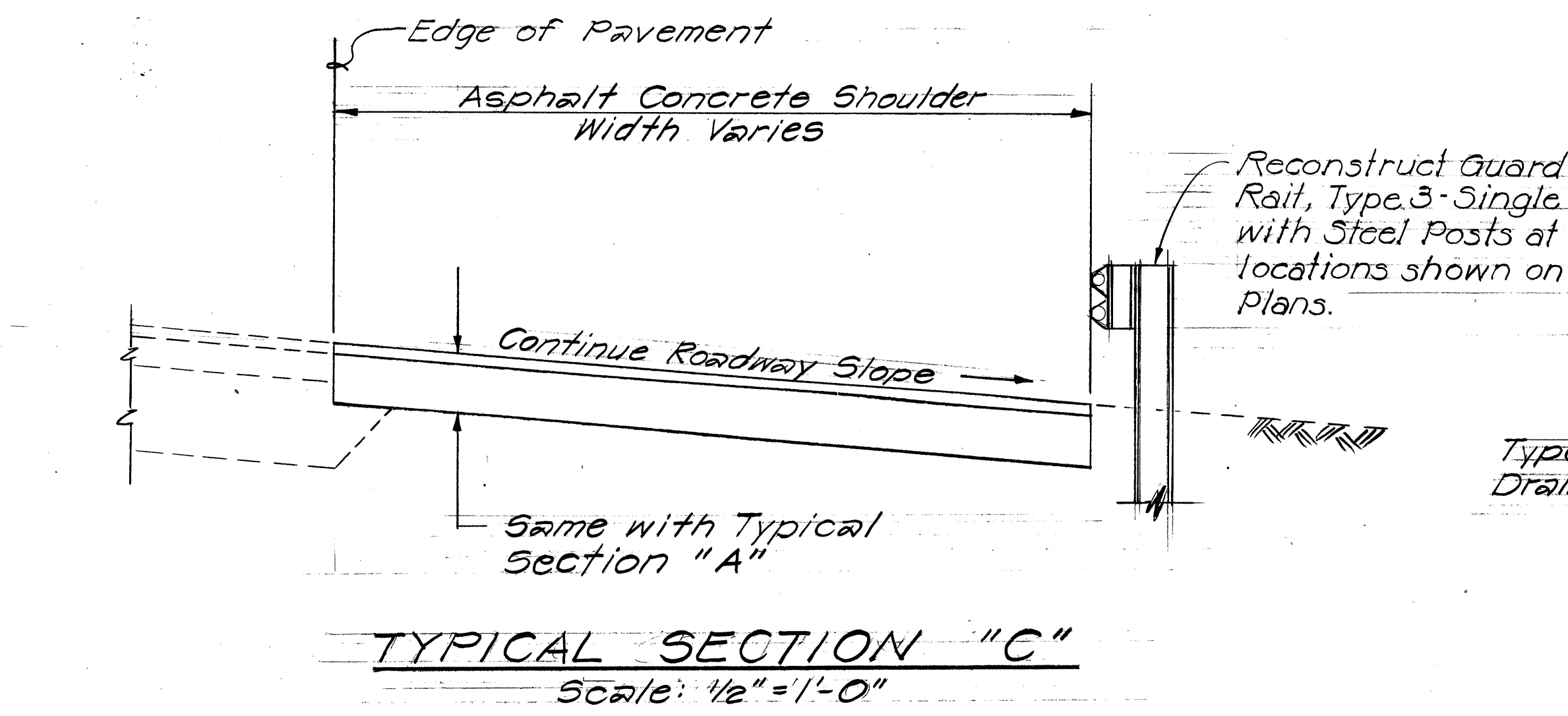
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-ROS-061-1(22)	1982	2	51



SCHEDULE-ASPHALT CONC. SHOULDERS		
OUTBOUND LANES		
STATION TO STATION	TYPICAL SECTION	A.C. SHOULDER WIDTH
210+50 to 223+26	*A & B	*8' & 10'
223+26 to 231+44	B	10'
250+00 to 252+17	A	8'
256+65 to 264+30	A	8'
265+25 to 267+99	C	6'-12"
269+03 to 276+00	C	6'-12"
277+40 to 286+02	C	6'-12"
287+24 to 297+80	D	10'
INBOUND LANES		
STATION TO STATION	TYPICAL SECTION	A.C. SHOULDER WIDTH
224+00 to 232+00	D	10'
250+78 to 252+12	E	12'
256+49 to 259+81	E	12'
269+03 to 274+20	C	6'-12"
277+25 to 280+20	D	10'
280+50 to 286+02	C	6'-12"
287+24 to 294+50	E	12'
301+20 to 304+50	D	10'



- Notes:
- Shoulder slopes shall be -5% except as follows:
 - On low side of curved roadway sections, continue roadway superelevation or slope at -5% whichever is greater.
 - On high side of curved roadway sections, continue roadway superelevation.
 - * Typical Section and Shoulder Width shall be as determined by the Engineer and as dictated by field conditions.



2/23/80	A.C. Pavement Mix No. III revised to Mix No. II for Asphalt Concrete Shoulders.
2/23/82	Asphalt Concrete Shoulders from Sta. 265+25 to Sta. 267+99 deleted from Schedule and revised section shown on sheet no. 3.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

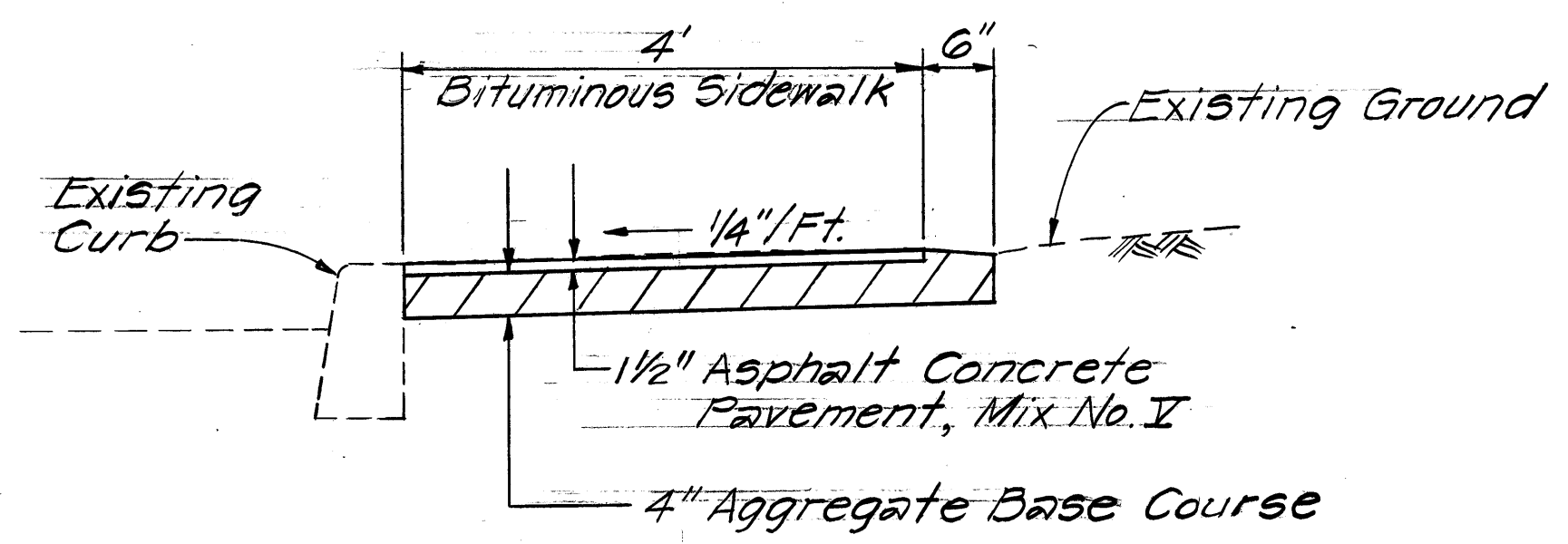
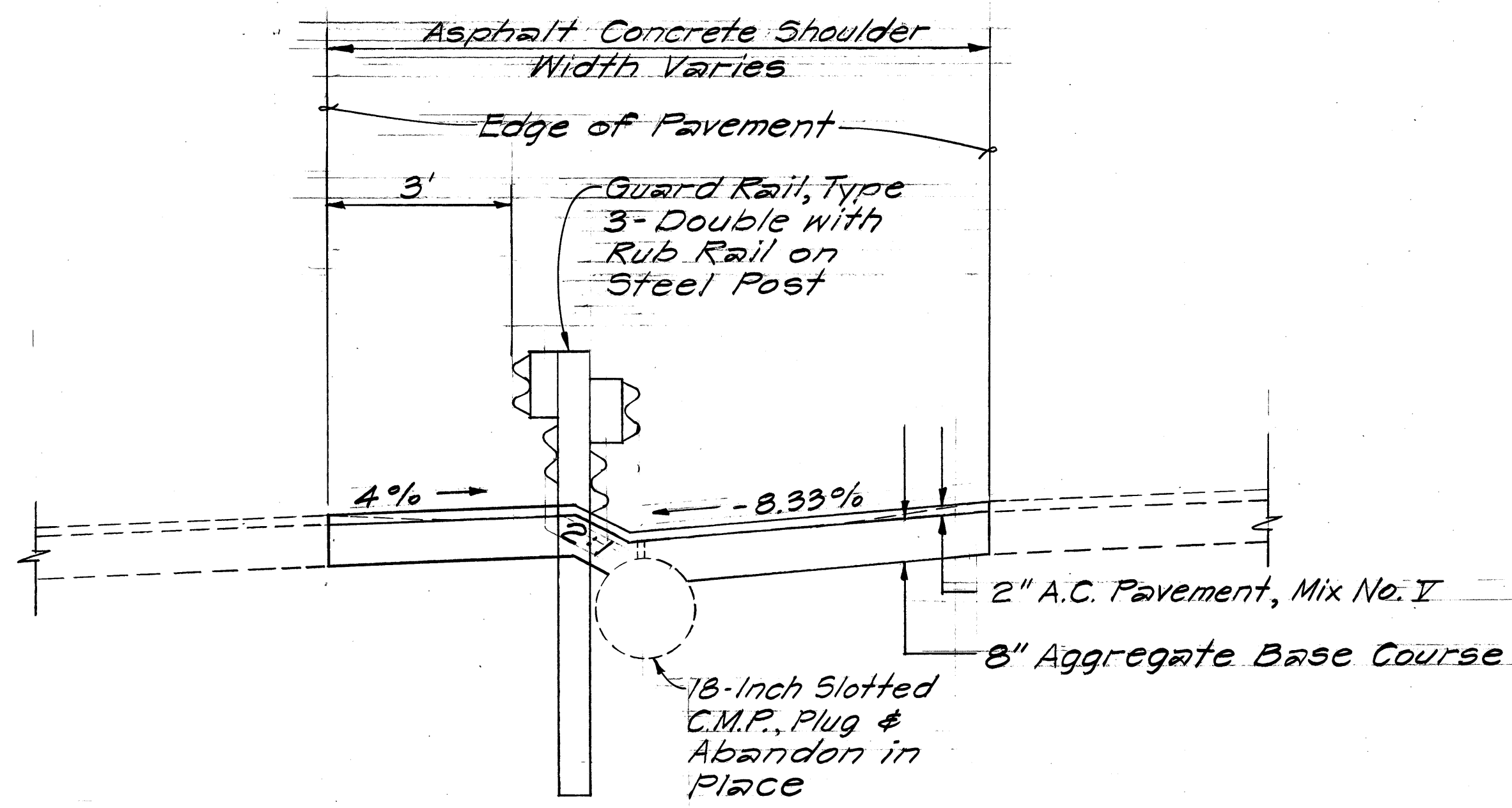
TYPICAL SECTIONS
KALANIANA'OLE HIGHWAY
SAFETY IMPROVEMENTS
KAMEHAMEHA HWY. TO KAILUA RD.
F.A. Proj. No. HES-ROS-061-1(22)

Scale: As noted

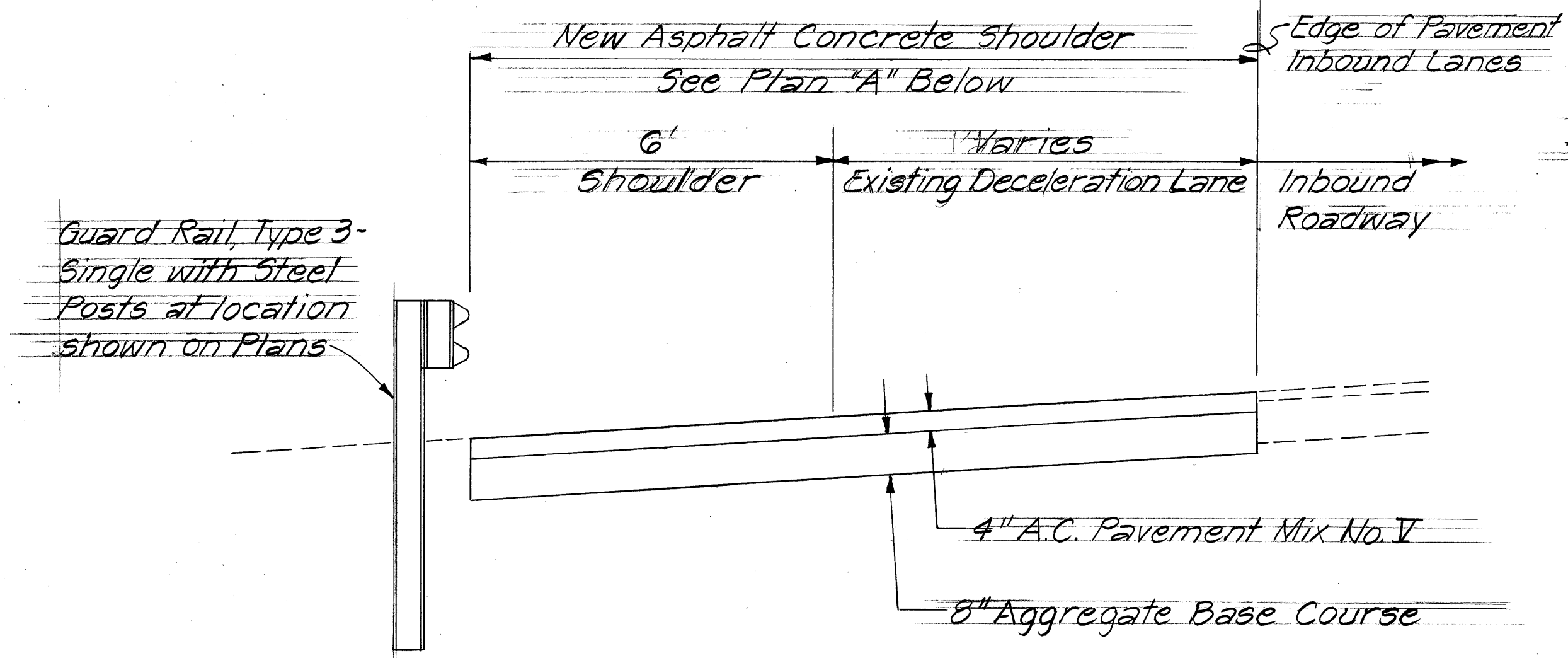
SHEET No. 1 OF 2 SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

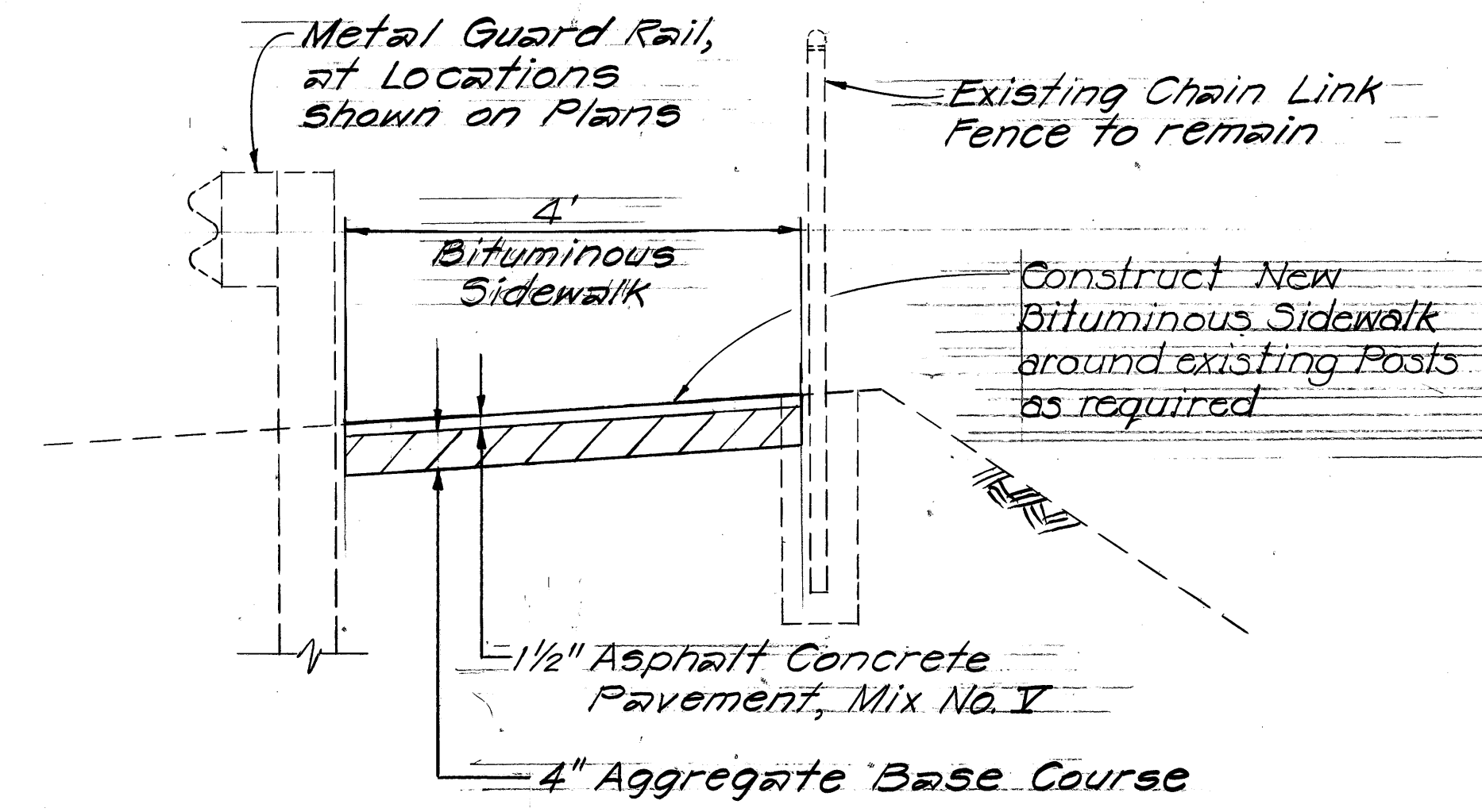
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-ROS-06-I(22)	1982	3	51



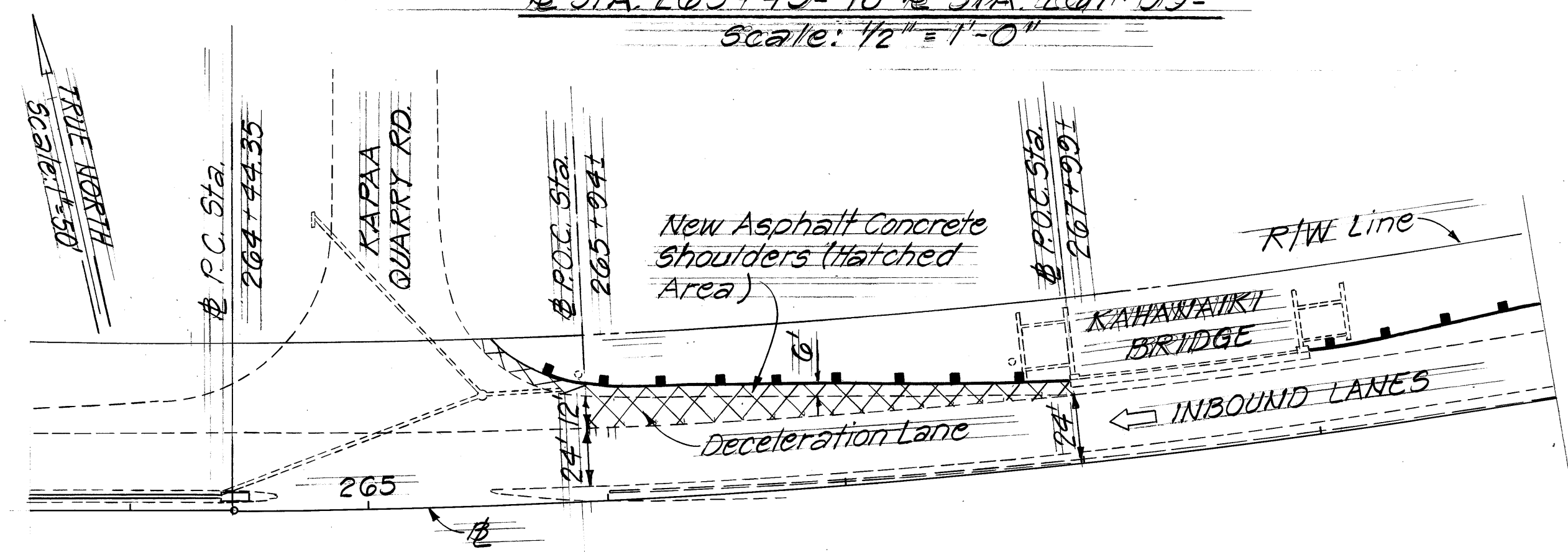
**TYPICAL SECTION
BITUMINOUS SIDEWALK IN
BACK OF EXISTING CURBING**
Scale: 3/4" = 1'-0"



**MEDIAN SHOULDER SECTION
STA. 269+03 to # STA. 271+00**
Scale: 1/2" = 1'-0"



**TYPICAL SECTION
BITUMINOUS SIDEWALK IN
BACK OF METAL GUARD RAIL**
Scale: 3/4" = 1'-0"



PLAN "A"

DATE	REVISION
2/24/82	Revised Typical Section for Asphalt Concrete Shoulders from # Sta. 265+25 to # Sta. 267+00 shown on this sheet.
2/24/82	Plan 'A' for Typical Section noted above added.
2/24/82	A.C. Mix No. I for Bituminous sidewalk revised from 1" to 1 1/2".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL SECTIONS
KALANIANA'OLE HIGHWAY
SAFETY IMPROVEMENTS
KAMEHAMEHA HWY. TO KAILUA RD.
F.A. Proj. No. HES-ROS-06-I(22)

Scale: As noted

SHEET NO. 2 OF 2 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	