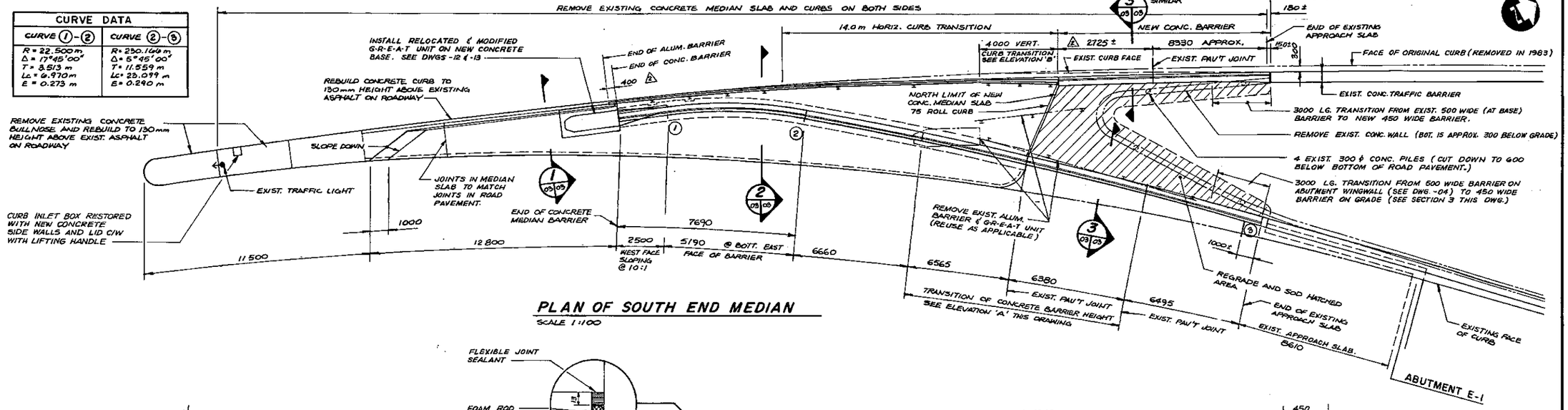
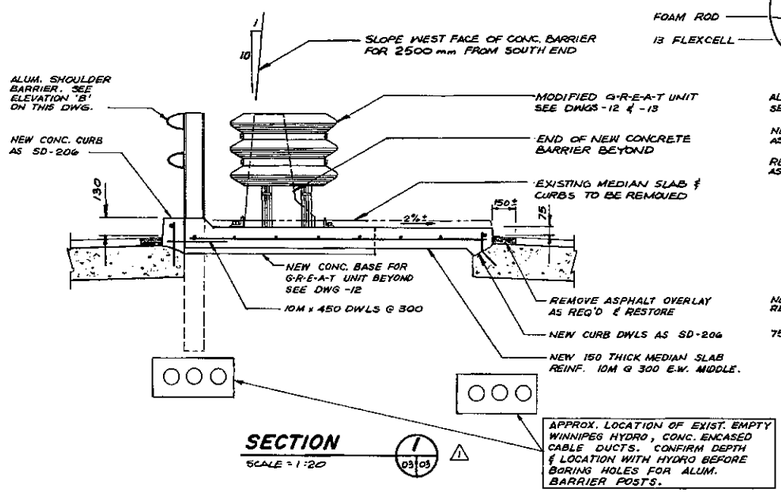
CURVE DATA	
CURVE ①-②	CURVE ②-③
R = 22.500 m	R = 250.166 m
Δ = 17°45'00"	Δ = 5°45'00"
T = 3.513 m	T = 11.559 m
Lc = 6.970 m	Lc = 25.099 m
E = 0.273 m	E = 0.290 m

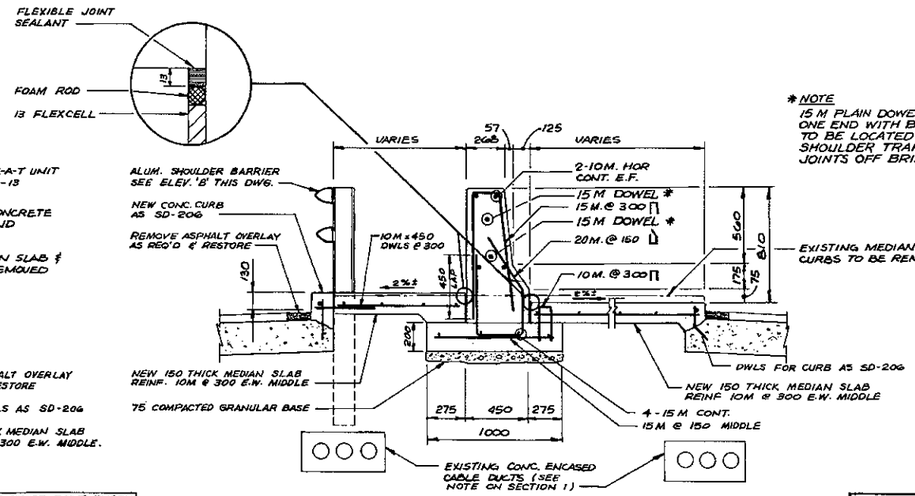


PLAN OF SOUTH END MEDIAN

SCALE 1:100

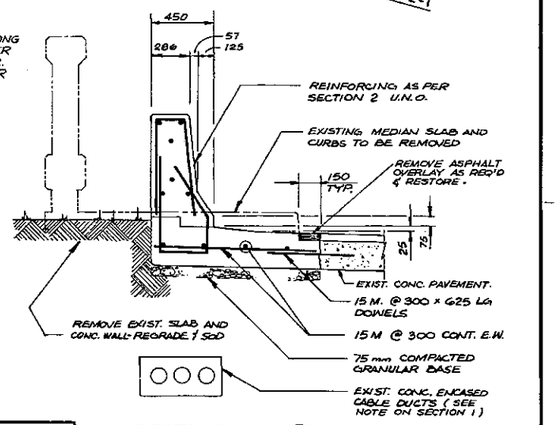


SECTION ① 03|05 — SCALE = 1:20

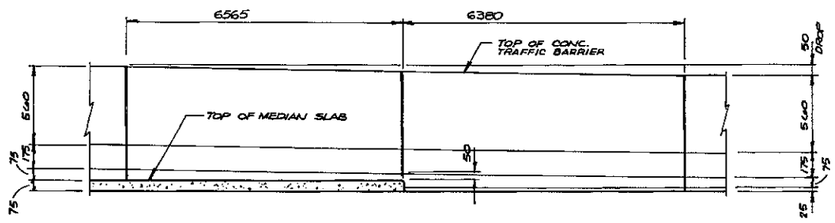


SECTION ② 03|05 — SCALE = 1:20

* NOTE
15 M PLAIN DOWEL 600mm LONG ONE END WITH BOND BREAKER TO BE LOCATED AT ALL CONC. SHOULDER TRAFFIC BARRIER JOINTS OFF BRIDGE

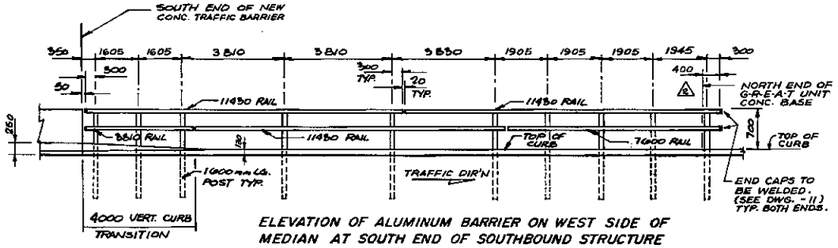


SECTION ③ 03|03 — SCALE = 1:20



TRANSITION OF BARRIER HEIGHT ON WEST SIDE OF NORTHBOUND LANES SOUTH OF NORTHBOUND STRUCTURE

ELEVATION Ⓐ 03|05 — SCALE = N.T.S.



ELEVATION OF ALUMINUM BARRIER ON WEST SIDE OF MEDIAN AT SOUTH END OF SOUTHBOUND STRUCTURE

ELEVATION Ⓑ 03|05 — SCALE = H 1:100, V 1:50

RECORD DRAWING
APPROVED BY ____ DATE MARCH 14/89

BILL OF MATERIALS — ALUMINUM BALANCED SHOULDER BARRIER			
ITEM	TOTAL REQUIRED	SALVAGED FROM EXIST.	NEW
11430 RAIL	2	2	0
7600 RAIL	1	0	1
3810 RAIL	1	0	1
1600 POST	10	8	2
RAIL END CAPS	4	0	4
457.2 SPLICE BAR	3	0	3
181 RAIL CLAMP BAR	40	32	8
CAP SCREWS	92	64	28
WASHERS	92	64	28

AUTHORIZED BY: ____ STREETS & BRIDGES ENGINEER DATE 1988-05-19
ACCEPTED BY: ____ BRIDGE ENGINEER DATE 88-05-19

LOCATION APPROVED
UNDERGROUND STRUCTURES
SUBV. UG STRUCTURES COMMITTEE ____ DATE 88/05/19

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION

NO	REVISIONS	DATE	BY
	S.M. ELEV		
Δ	ALUM. BARRIER SHIFTED NORTH	15-6-88	P.S.
Δ	GEN. REV. TO SECT 1 & 2	21-5-88	P.S.

DILLON
Consulting Engineers · Planners
Environmental Scientists

DESIGNED BY	R.A.W.	CHECKED BY	R.A.W.
DRAWN BY	K.P.C.	APPROVED BY	
HOR SCALE / VERTICAL	AS SHOWN		
DATE	MAR. 88		

ENGINEER'S SEAL — PROVINCE OF MANITOBA — 88-05-02 — R.A. WIEBE — REGISTERED ENGINEER
CONSULTANT DRAWING NO.

THE CITY OF WINNIPEG
WORKS AND OPERATIONS DIVISION

MARYLAND BRIDGE
REPLACEMENT OF WEST (MEDIAN) BRIDGE RAIL OF NORTHBOUND STRUCTURE

CITY DRAWING NUMBER: BI08-88-03
SHEET OF

SOUTH END MEDIAN PLAN & DETAILS — B-5790-3

1754-02