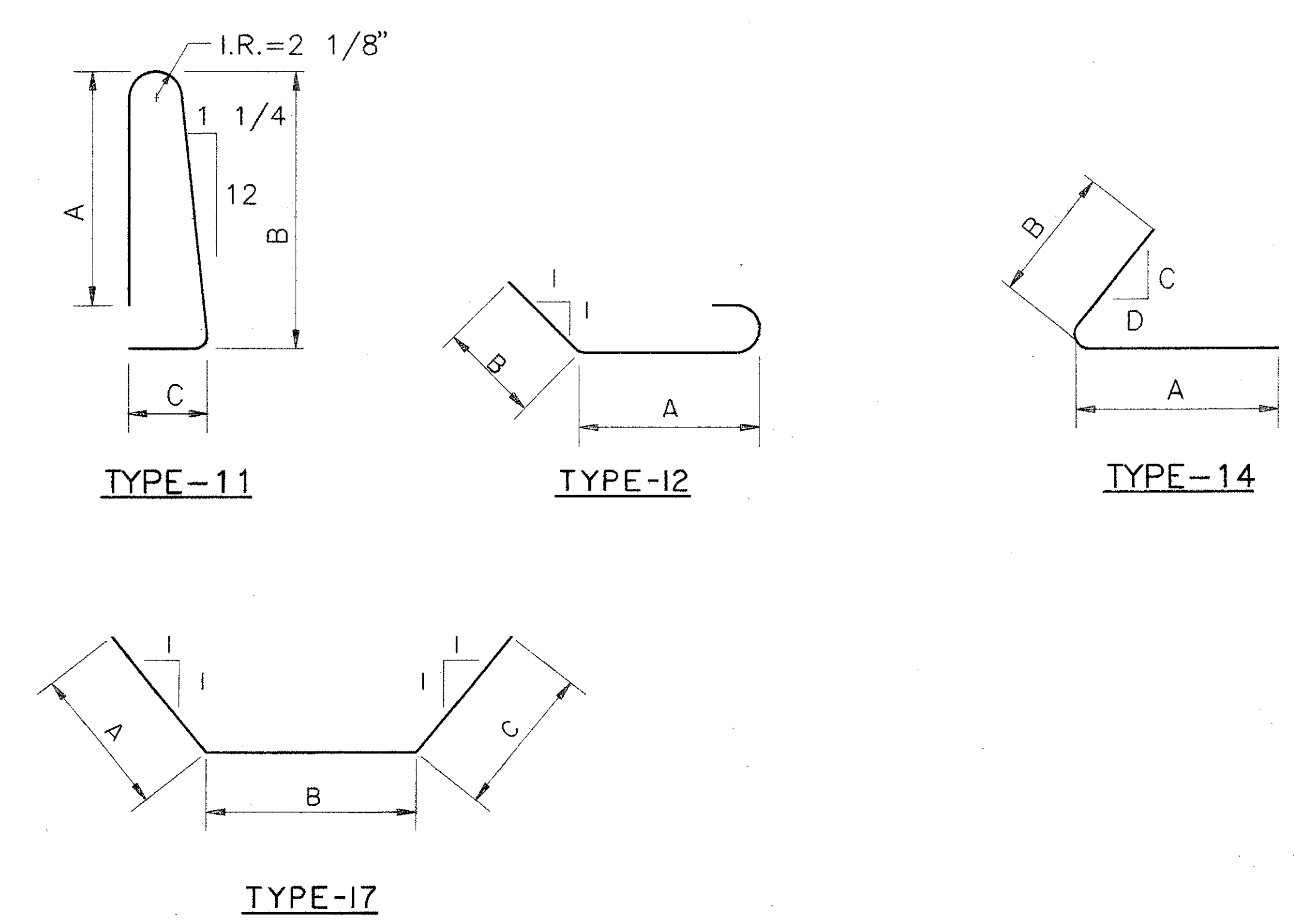
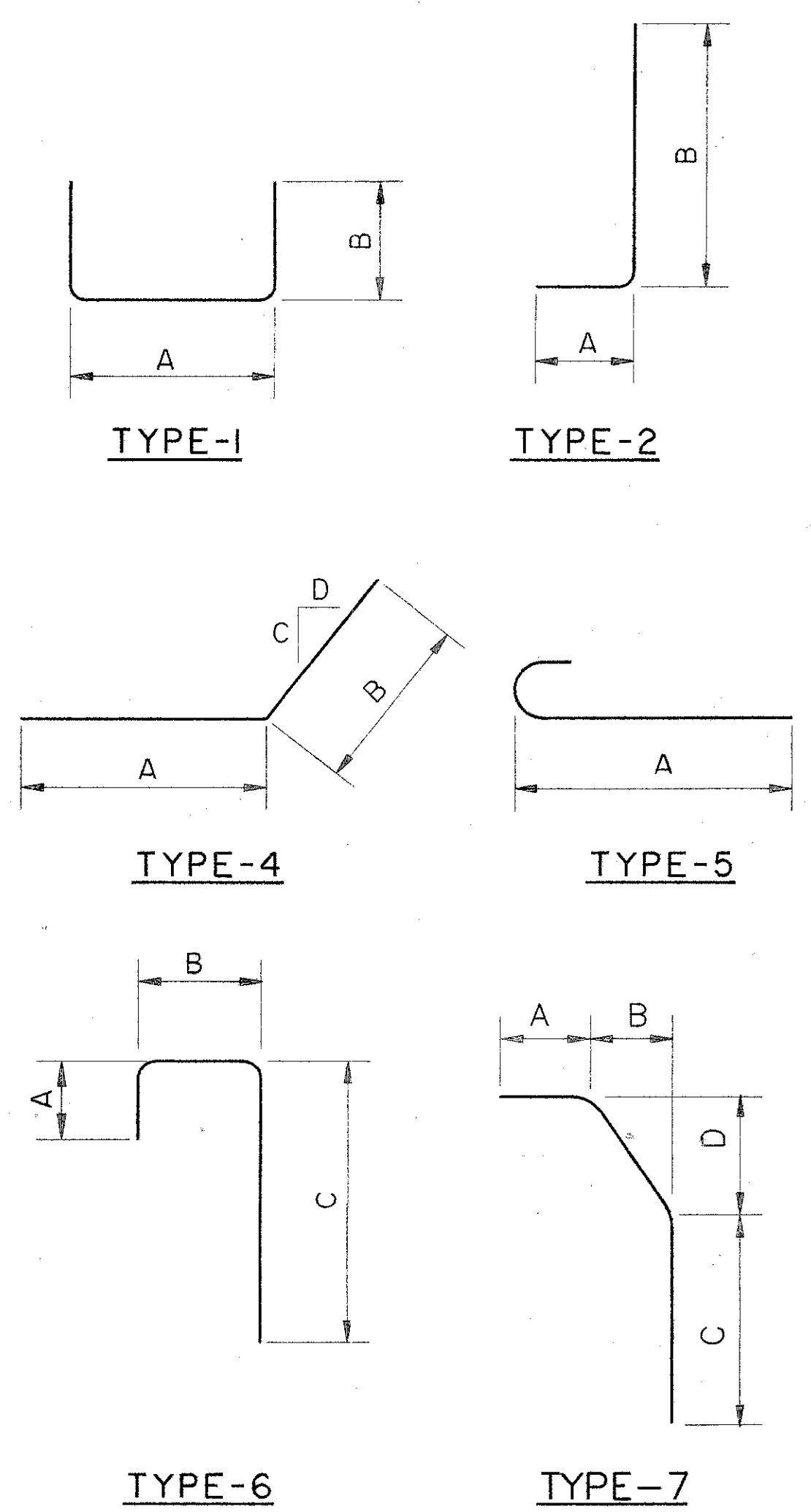


MARK	NO.	LENGTH	TYPE	SERIES INCR.	WEIGHT	A	B	C	D
REAR ABUTMENT									
RA501	10	30'-0"	STR		33				
RA502	6	2'-6"	STR		16				
RA503	6	3'-0"	STR		19				
RA504	12	10'-0"	STR		125				
RA505	8	5'-10"	STR		49				
RA506	4	14'-7"	STR		61				
RA507	4	14'-1"	STR		59				
FORWARD ABUTMENT									
FA501	10	30'-0"	STR		33				
FA502	6	2'-6"	STR		16				
FA503	6	3'-0"	STR		19				
FA504	12	10'-0"	STR		125				
FA505	8	5'-10"	STR		49				
FA506	4	14'-7"	STR		61				
FA507	4	14'-1"	STR		59				

MARK	NO.	LENGTH	TYPE	SERIES INCR.	WEIGHT	A	B	C	D
REAR ABUTMENT									
FA601	79	4'-0"	STR		475				
FA602	31	7'-10"	6		365	2'-9"	11"	4'-5"	
FA603	31	3'-5"	STR		159				
FA604	31	4'-2"	1		94	1'-5"	1'-6"		
FA605	4	8'-6"	17		51	1'-6"	5'-6"	1'-6"	
FA606	1	3'-6"	STR		5				
FA607	4	4'-0"	14		24	2'-0"	2'-0"	12"	2 3/8"
FA608	8	14'-7"	STR		175				
FA609	4	4'-0"	4		24	2'-0"	2'-0"	12"	2 3/8"
FA610	14	14'-1"	STR		296				
FA611	5	4'-4"	STR		33				
FA612	5	6'-2"	2		46	1'-9"	4'-6"		
FA613	6	9'-4"	1		84	1'-2"	4'-3"		
FA614	6	9'-2"	1		83	1'-2"	4'-2"		
FA615	5	4'-4"	STR		35				
FA616	5	6'-2"	2		46	1'-9"	4'-7"		
FA617	6	14'-7"	STR		151				
FA618	21	2'-10"	7		89	1'-2"	10"	10"	8 1/2"
FA619	3	3'-3"	2		15	1'-9"	1'-8"		
FA620	3	7'-0"	11		32	3'-0"	3'-3"	8 1/2"	
FA621	2 SERIES OF 9	5'-7" TO 4'-10"	2	1 1/8"	141	1'-9"	4'-0" TO 3'-3"		
FA622	2 SERIES OF 9	4'-8" TO 3'-11"	5	1 1/8"	116	4'-0" TO 3'-3"			
FA623	6	4'-10"	2		44	1'-9"	3'-3"		
FA624	6	5'-0"	STR		45				
FA625	12	5'-1"	2		92	1'-9"	3'-6"		
FORWARD ABUTMENT									
D801	19	4'-11"	12		249	2'-7"	1'-5"		
TOTAL WEIGHT FOR REAR ABUTMENT					3693				

CALC. BY: DATE: OHIO 91
 CHK'D BY: DATE: F.H.W.A. REGION 5 92
 DATE: DATE:

LAKE COUNTY
 LAK-90-17.42/25.15/27.76



- NOTES:**
- ALL BARS SHALL BE EPOXY COATED.
 - ALL BAR DIMENSIONS ARE GIVEN OUT-TO-OUT.
 - ALL BARS OF A GIVEN SERIES VARY BY A CONSTANT AMOUNT.
 - BAR SIZE IS INDICATED IN THE BAR MARK. THE FIRST DIGIT WHERE THREE DIGITS ARE USED, AND THE FIRST TWO DIGITS WHERE FOUR ARE USED, INDICATE THE BAR SIZE NUMBER. FOR EXAMPLE, A700 IS A NO. 7 AND A1014 IS A NO. 10 SIZE.
 - FA = FORWARD ABUTMENT
 RA = REAR ABUTMENT
 S = SUPERSTRUCTURE

THE OSBORN ENGINEERING COMPANY 51/52
 CONSULTING ENGINEERS
 CLEVELAND, OHIO 44114

**REINFORCING SCHEDULE
 REAR AND FORWARD ABUTMENT**

BRIDGE NO. LAK-90-2776
 BATES ROAD OVER I-90

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISION
LYH	BFG		JRS	GA	2/94	

LAKE COUNTY OHIO

File Name: C:\WORK\0007\0185\STRUCT\01855758
 Plot Scale: 1"=1'-0"
 Drawn By/Date: BFG / 04-29-94 (1421)

BATES ROAD