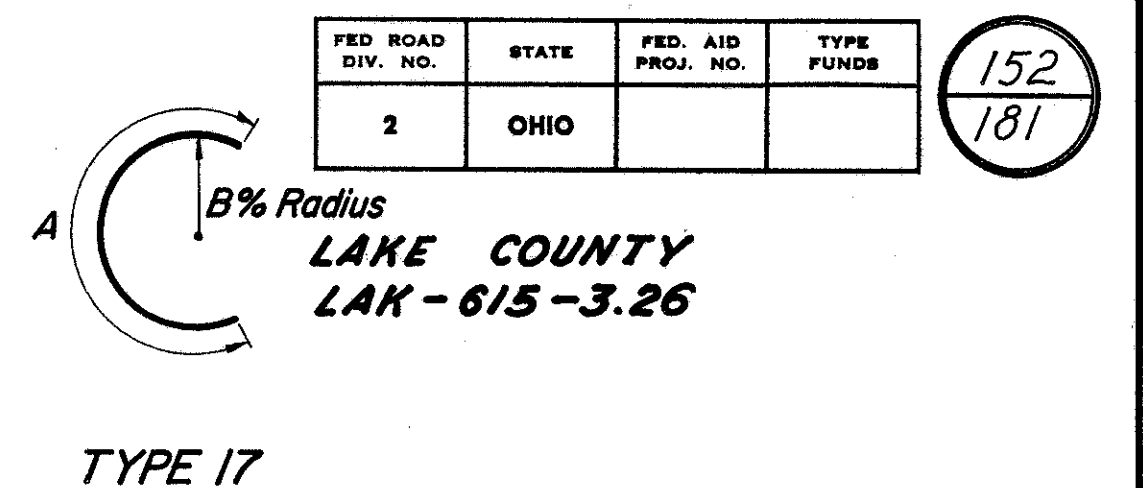
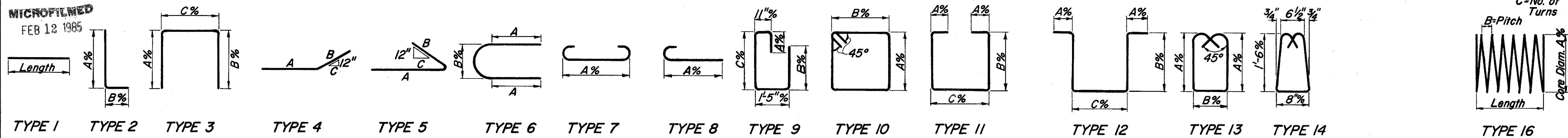


MICROFILMED  
FEB 12 1985



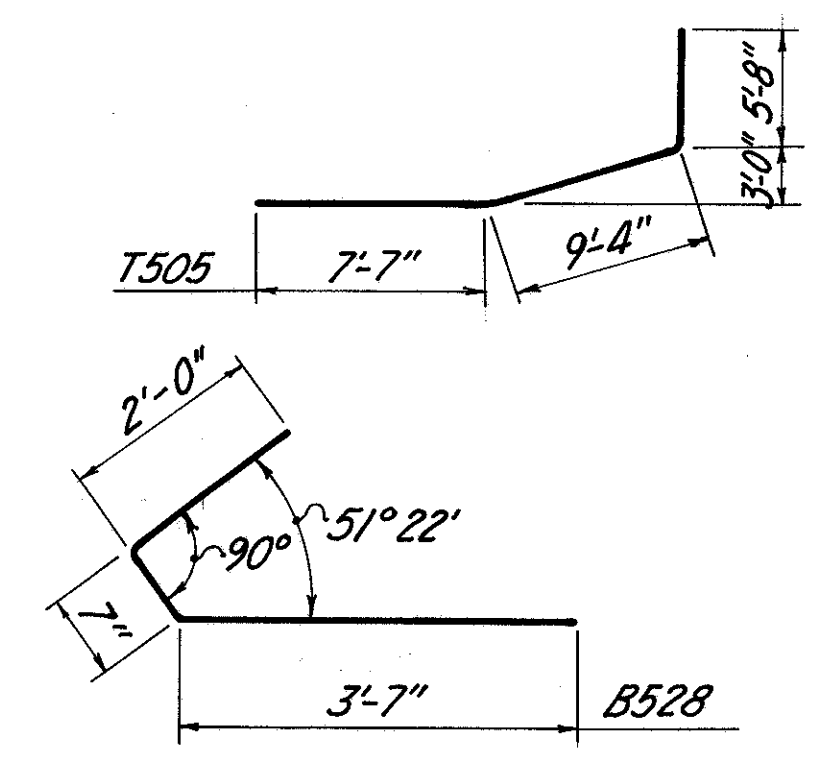
FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	TYPE FUNDS
2	OHIO		

152  
181

LAKE COUNTY  
LAK-615-3.26

MARK	NUMBER	LENGTH	TYPE	A	B	C	WEIGHT	MARK	NUMBER	LENGTH	TYPE	A	B	C	WEIGHT	MARK	NUMBER	LENGTH	TYPE	A	B	C	WEIGHT
<b>FORWARD ABUTMENT</b>																							
B801	21	30'-0"	1				1,682	C912	24	32'-8"	1				2,666								
B802	6	21'-0"	1				336	C913	12	31'-4"	1				1,278								
B803	3	20'-4"	1				163	C914	12	31'-1"	1				1,268								
B804	3	18'-6"	1				148	SP501	1	25'-3"	16	32"	3"	104	1,020								
								SP502	1	32'-3"	16	32"	3"	132	1,295								
								SP503	6	32'-9"	16	32"	3"	134	7,887								
								SP504	4	31'-9"	16	32"	3"	130	5,101								
								SP505	1	25'-6"	16	32"	3"	105	1,030								
								SP506	3	32'-6"	16	32"	3"	133	3,914								
								SP507	4	26'-0"	16	32"	3"	107	4,195								
B601	21	14'-2"	3	6'-6"	2'-7"	5'-5"	447	SP508	2	33'-0"	16	32"	3"	135	2,649								
B602	31	15'-2"	3	7'-6"	2'-7"	5'-5"	706	SP509	1	31'-3"	16	32"	3"	128	1,255								
B603	6-4	20'-0"	9	7'-10"	7'-0"	8'-6"	1,923	SP510	1	31'-0"	16	32"	3"	127	1,246								
B604	11	17'-9"	3	8'-4"	8'-4"	1'-5"	293																
B605	12	23'-8"	3	11'-5"	11'-5"	1'-2"	427	C701	112	26'-8"	8	25'-10"			6,105								
B606	11	27'-4"	3	13'-3"	13'-3"	1'-2"	452	C702	56	30'-0"	1				3,434								
<b>PIER 5 &amp; 6</b>																							
								T1101	28	33'-6"	3	1'-5 1/2"	1'-5 1/2"	31'-2"	4,984								
B501	52	6'-5"	3	7 1/2"	7 1/2"	5'-5"	348	T901	72	6'-8"	2	5'-8"	1'-3"	1'-3"	1,632								
B502	21	7'-0"	2	6'-6"	7 1/2"		153	T902	88	8'-4"	2	7'-4"	1'-3"	1'-3"	2,493								
B503	31	8'-0"	2	7'-6"	7 1/2"		259	T903	72	19'-6"	1				4,774								
B504	52	6'-4"	3	1'-5"	1'-5"	3'-9"	343	T904	28	31'-2"	1				2,967								
B505	3-4	31'-10"	1				1129																
B506	17	8'-6"	1				151																
B507	17	8'-9"	1				155																
B508	3	9'-9"	2	7'-3"	2'-7 1/2"		31																
B509	31	14'-11"	10	2'-7"	4'-8"		482																
B510	46	4'-0"	1				192	T801	124	11'-10"	7	9'-8"			3,918								
B511	6	7'-11"	3	3'-6"	3'-6"	1'-2"	50	T802	56	19'-10"	7	17'-8"			2,965								
B512	6	21'-5"	1				134	T803	22	27'-6"	1				1,615								
B513	Not Used							T804	22	24'-4"	1				1,429								
B514	Not Used							T805	22	26'-4"	1				1,547								
B515	Not Used							T806	22	23'-0"	1				1,351								
B516	12	19'-8"	1				246																
B517	2	17'-6"	1				37																
B518	6	18'-4"	1				115																
B519	2	15'-4"	1				32	T501	94	6'-0"	3	1'-10 1/2"	1'-10 1/2"	2'-6"	588								
B520	27	5'-7"	13	2'-2"	8"		157	T502	94	12'-6"	1				1,226								
B521	Not Used							T503	32	31'-2"	1				1,040								
B522	Not Used							T504	8	22'-6"	1				188								
B523	Not Used							T505	16	22'-5"	Spec.				374								
B524	Not Used							T506	160	6'-9"	3	2'-2"	2'-2"	2'-8"	1,126								
B525	Not Used							T507	8 sets 10 bars	13'-0"	16'-0"	3	5'-3 1/2"	6'-9 1/2"	5'-3 1/2"	6'-3 1/2"	2'-8"	1,210					
B526	Not Used																						
B527	14	7'-0"	4	5'-0"	2'-0"	9'-9"	102	T508	8 sets 5 bars	16'-9"	18'-9"	3	2" Incr.	2" Incr.									
B528	10	6'-0"	Spec.				63																
B529	6	5'-0"	1				31																
<b>PIER 1-4</b>																							
C901	308	12'-8"	7	10'-2"			13,265	T401	60	3'-6"	3	6 1/2"	6 1/2"	2'-8"	140								
C902	288	6'-6"	2	5'-6"	1'-3"		6,365																
C903	12	25'-3"	1				1,030																
C904	12	32'-2"	1				1,312																
C905	72	32'-9"	1				8,017																
C906	48	31'-8"	1				5,168																
C907	12	25'-7"	1				1,044																
C908	12	32'-5"	1				1,323																
C909	24	26'-0"	1				2,122																
C910	24	33'-0"	1				2,693																
C911	24	26'-1"	1				2,128																

**SPECIAL BENDS**



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, indicates the bar size number. For example, B601 is a No.6 size bar and T1101 is a No.11 size bar.

SPIRAL REINFORCING BARS: The "Length" shown in the steel list for the spiral bars is the length of the spiral along the axis of the spiral. The "No. of Turns" shown is the length divided by the pitch plus 3 turns (total number of closed coils).

1/2 Closed coils shall be provided at the ends of each spiral unit. Four steel angle spacers, weighing approximately 1.0 lb. per lin. ft. of spacer, shall be provided for each spiral unit. They shall be equally spaced along the periphery of the coil. The number of pounds of these spacers, based on 1.0 lbs. per lin. ft. will be paid for as reinforcing steel and is included in the tabulated quantities of spiral bars.

**BURGESS & NIPLE LIMITED — CONSULTING ENGINEERS**  
COLUMBUS, OHIO

REINFORCING STEEL LIST  
BRIDGE NO. LAK-615-0402  
OVER  
N&W RAILWAY & P-C RAILROAD

STA. 47+28.12  
54+16.22

DESIGNED: [Signature] DRAWN: [Signature] TRACED: [Signature] CHECKED: [Signature] REVISION DATE: [Signature] REVISED: [Signature]