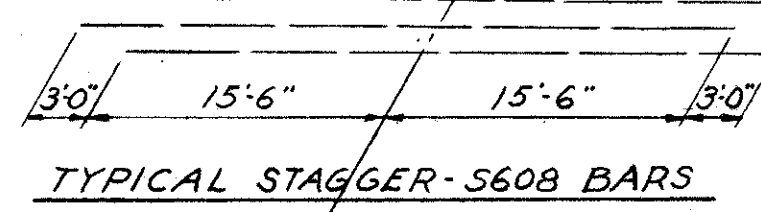
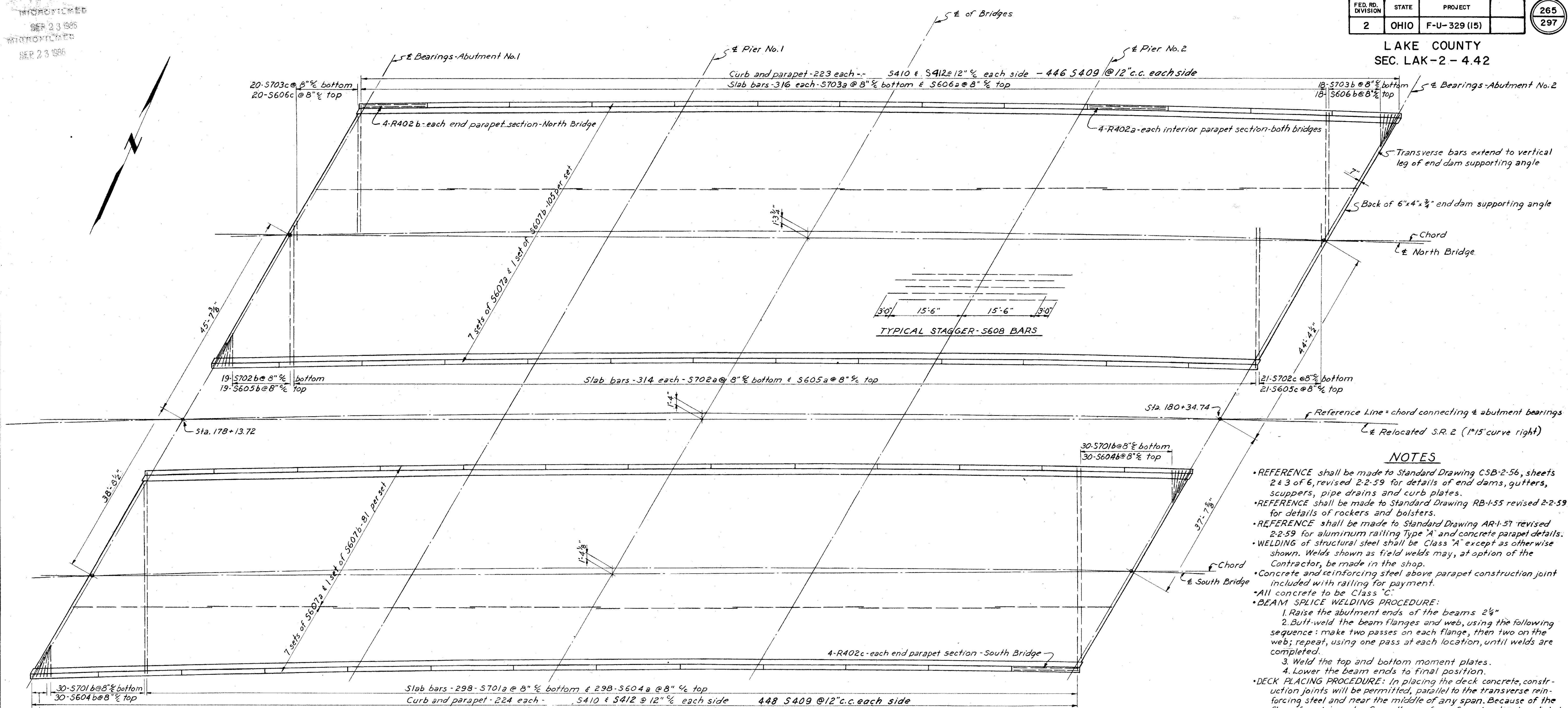


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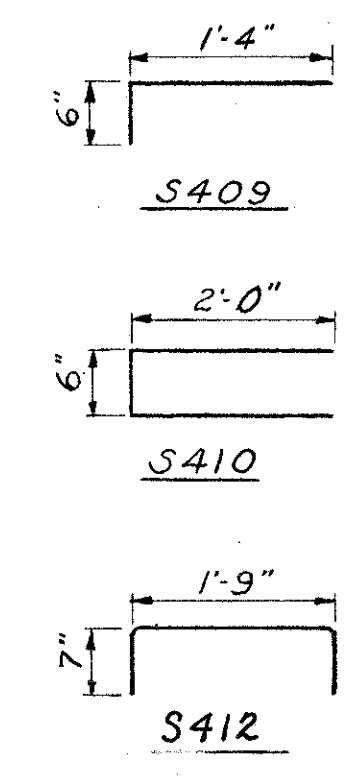


NOTES

- REFERENCE shall be made to Standard Drawing CSB-2-56, sheets 2 & 3 of 6, revised 2-2-59 for details of end dams, gutters, scuppers, pipe drains and curb plates.
- REFERENCE shall be made to Standard Drawing RB-1-55 revised 2-2-59 for details of rockers and bolsters.
- REFERENCE shall be made to Standard Drawing AR-1-57 revised 2-2-59 for aluminum railing Type "A" and concrete parapet details.
- WELDING of structural steel shall be Class "A" except as otherwise shown. Welds shown as field welds may, at option of the Contractor, be made in the shop.
- Concrete and reinforcing steel above parapet construction joint included with railing for payment.
- All concrete to be Class "C".
- BEAM SPLICE WELDING PROCEDURE:
 1. Raise the abutment ends of the beams 2 1/4"
 2. Butt-weld the beam flanges and web, using the following sequence: make two passes on each flange, then two on the web; repeat, using one pass at each location, until welds are completed.
 3. Weld the top and bottom moment plates.
 4. Lower the beam ends to final position.
- DECK PLACING PROCEDURE: In placing the deck concrete, construction joints will be permitted, parallel to the transverse reinforcing steel and near the middle of any span. Because of the flow of curing water from the surface of previously placed deck concrete, the sequence of pours shall be upgrade, starting at Abutment No. 1.
- One joint in backwall angle shall fall over each abutment contraction joint.

DECK REINFORCEMENT PLAN

MARK		NUMBER REQ'D		SIZE	LENGTH	TYPE	REMARKS	WEIGHT		NUMBER REQ'D		SIZE	LENGTH	TYPE	REMARKS	WEIGHT		
NORTH BRIDGE	SOUTH BRIDGE	NORTH BRIDGE	SOUTH BRIDGE					NORTH BRIDGE	SOUTH BRIDGE	NORTH BRIDGE	SOUTH BRIDGE					NORTH BRIDGE	SOUTH BRIDGE	
S701a	-	298	298	7	43'-8"	Str.		-	26,598	S607a	735	567	1,302	6	30'-0"	Str.	33,119	25,549
S701b	-	60	60	7	7'-6" to 41'-4"	Str.	2 each, vary by 1'-2"	-	1,523	S607b	105	81	186	6	28'-0"	Str.	4,416	3,407
S702a	312	-	312	7	30'-0"	Str.		19,132	-	S608	88	66	154	6	34'-0"	Str.	4,494	3,370
S702b	19	-	19	7	7'-10" to 28'-10"	Str.	1 each, vary by 1'-2"	711	-	S409	892	896	1,788	4	1'-9"	Bent	1,044	1,048
S702c	21	-	21	7	4'-4" to 27'-8"	Str.	1 each, vary by 1'-2"	687	-	S410	446	448	894	4	4'-4"	Bent	1,290	1,296
S703a	314	-	314	7	28'-0"	Str.		17,971	-	S611	20	20	40	6	6'-0"	Str.	180	180
S703b	18	-	18	7	7'-0" to 26'-10"	Str.	1 each, vary by 1'-2"	622	-									
S703c	20	-	20	7	3'-6" to 25'-8"	Str.	1 each, vary by 1'-2"	596	-									
S604a	-	298	298	6	43'-8"	Str.		-	19,545	S412	446	448	894	4	2'-9"	Bent	894	898
S604b	-	60	60	6	7'-6" to 41'-4"	Str.	2 each, vary by 1'-2"	-	1,119									
S605a	312	-	312	6	30'-0"	Str.		14,058	-									
S605b	19	-	19	6	7'-10" to 28'-10"	Str.	1 each, vary by 1'-2"	524	-	R402a	88	88	176	4	17'-4"	Str.		
S605c	21	-	21	6	4'-4" to 27'-8"	Str.	1 each, vary by 1'-2"	505	-	R402b	16	-	16	4	13'-6"	Str.		
S606a	314	-	314	6	28'-0"	Str.		13,205	-	R402c	-	16	16	4	14'-0"	Str.		
S606b	18	-	18	6	7'-0" to 26'-10"	Str.	1 each, vary by 1'-2"	457	-									
S606c	20	-	20	6	3'-6" to 25'-8"	Str.	1 each, vary by 1'-2"	438	-									
TOTAL WEIGHT																114,343	84,533	



- DECK SLAB DEPTH: The distance shown from top of deck slab to top of steel beam is the nominal dimension. The quantity of deck concrete to be paid for shall be based on this dimension, even though deviation from it may be necessary because the top flange of the beam may not have the exact camber of conformation required to place it parallel to the finished grade.
- PAINTING: After erection and after the shop coat has been cleaned and, where necessary, repainted in accordance with Sec. 8.04, an additional coat of the same paint used in the shop shall be applied over the outside face of the outside steel beams, and all sides of bottom flange.

PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR
STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

DECK DETAILS
BRIDGE NO. LAK-2-0527
RELOC. S.R. 2 OVER CHAGRIN RIVER
LAKE COUNTY
STA. 179+25.00

DESIGNED	DRAWN	TRACED	CHECKED	REVISED DATE	REVISED
jm	jm				