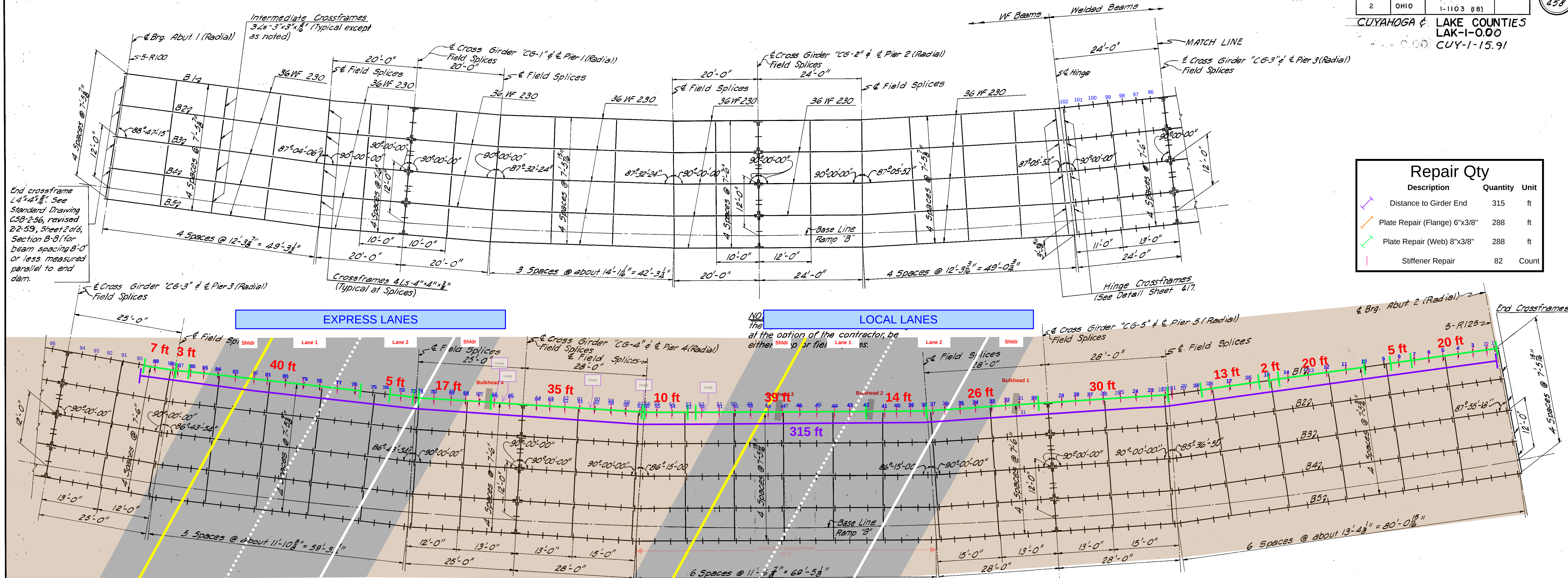


MICROFILMED
SEP 6 1965

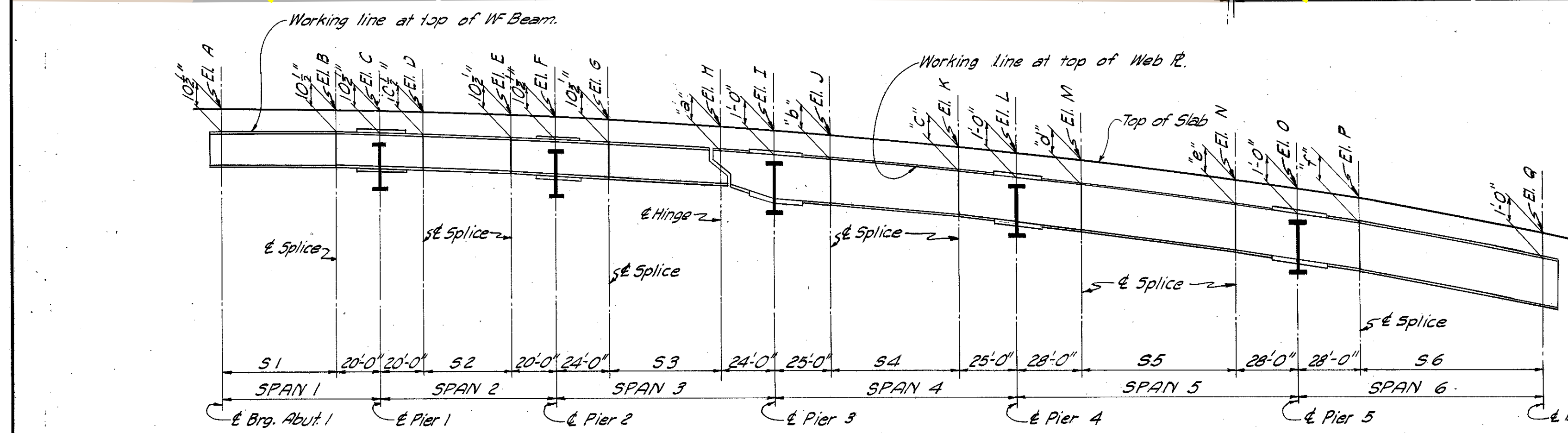
FED. RD. DIVISION	STATE	PROJECT	TYPE FUNDS
2	OHIO	1-1103 (18)	

414
458

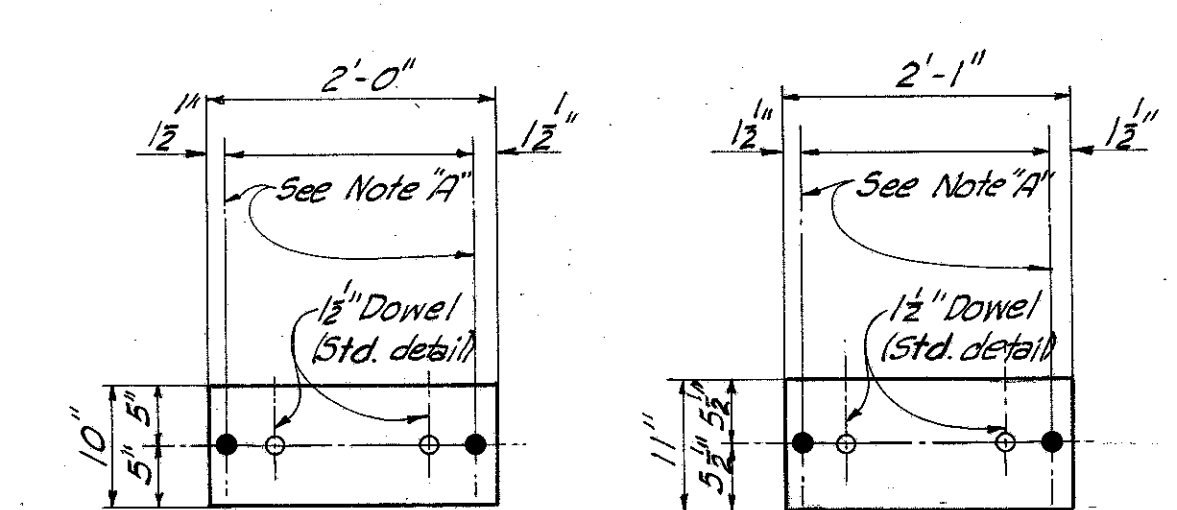
CUYAHOGA & LAKE COUNTIES
LAK-1-000
CUY-1-15.91



Repair Qty		
Description	Quantity	Unit
Distance to Girder End	315	ft
Plate Repair (Flange) 6"x3/8"	288	ft
Plate Repair (Web) 8"x3/8"	288	ft
Stiffener Repair	82	Count



Note: Falsework bents will be required at each field splice for erection purposes. Block beams at falsework bents to elevations indicated plus Dead Load Deflections before welding.



PAINTING: After erection and after the shop coat has been cleaned and, where necessary, repainted in accordance with Sec. 5-8.04, an additional coat of the same paint as used in the shop shall be applied over the outside face of the outside steel beams and girders and all sides of bottom flange.

NOTES

- For detail of end dam at both abutments refer to Standard Drawing C58-2-56 Sheet 2 of 6.
- Refer to Standard Drawing R8-1-55 for details of Rockers and Bolsters at abutments.
- For Dead Load Deflections refer to Sheet 4/8.

TABLE OF DIMENSIONS

BEAM	S1	S2	S3	S4	S5	S6	"a"	"b"	"c"	"d"	"e"	"f"
B1	47'-1 1/2"	39'-8 3/8"	46'-0 3/8"	55'-10 1/8"	65'-6"	76'-8 3/8"	1'-0"	1'-0"	1'-0 1/8"	1'-0 1/8"	1'-0"	1'-0"
B2	47'-7 1/8"	40'-4 3/8"	46'-9 3/8"	56'-8 1/8"	66'-5 1/8"	77'-6 1/8"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
B3	48'-2 1/8"	40'-11 1/8"	47'-6 1/8"	57'-7 1/8"	67'-5 1/8"	78'-4 1/8"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
B4	48'-9"	41'-7 1/8"	48'-3 3/8"	58'-5 1/8"	68'-5 1/8"	79'-2 1/8"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
B5	49'-3 3/8"	42'-3 3/8"	49'-0 3/8"	59'-3 3/8"	69'-5 1/8"	80'-0 1/8"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"

Note: Vertical dimensions given at hinge and at field splices do not include D.L. Deflection.

TABLE OF ELEVATIONS

BEAM	EL. A	EL. B	EL. C	EL. D	EL. E	EL. F	EL. G	EL. H	EL. I	EL. J	EL. K	EL. L	EL. M	EL. N	EL. O	EL. P	EL. Q
B1	841.99	842.03	841.96	841.90	841.64	841.44	841.20	840.35	840.12	839.67	838.41	837.73	836.98	834.87	833.82	832.77	829.43
B2	842.61	842.65	842.59	842.52	842.26	842.06	841.82	841.17	840.74	840.30	839.03	838.36	837.61	835.48	834.44	833.40	830.05
B3	843.23	843.27	843.21	843.15	842.88	842.68	842.45	841.79	841.36	840.92	839.65	838.98	838.23	836.10	835.06	834.03	830.68
B4	843.85	843.89	843.83	843.77	843.50	843.30	843.07	842.41	841.99	841.55	840.28	839.60	838.86	836.71	835.68	834.66	831.30
B5	844.48	844.52	844.45	844.39	844.12	843.93	843.70	843.03	842.61	842.18	840.88	840.22	839.49	837.32	836.31	835.30	831.92

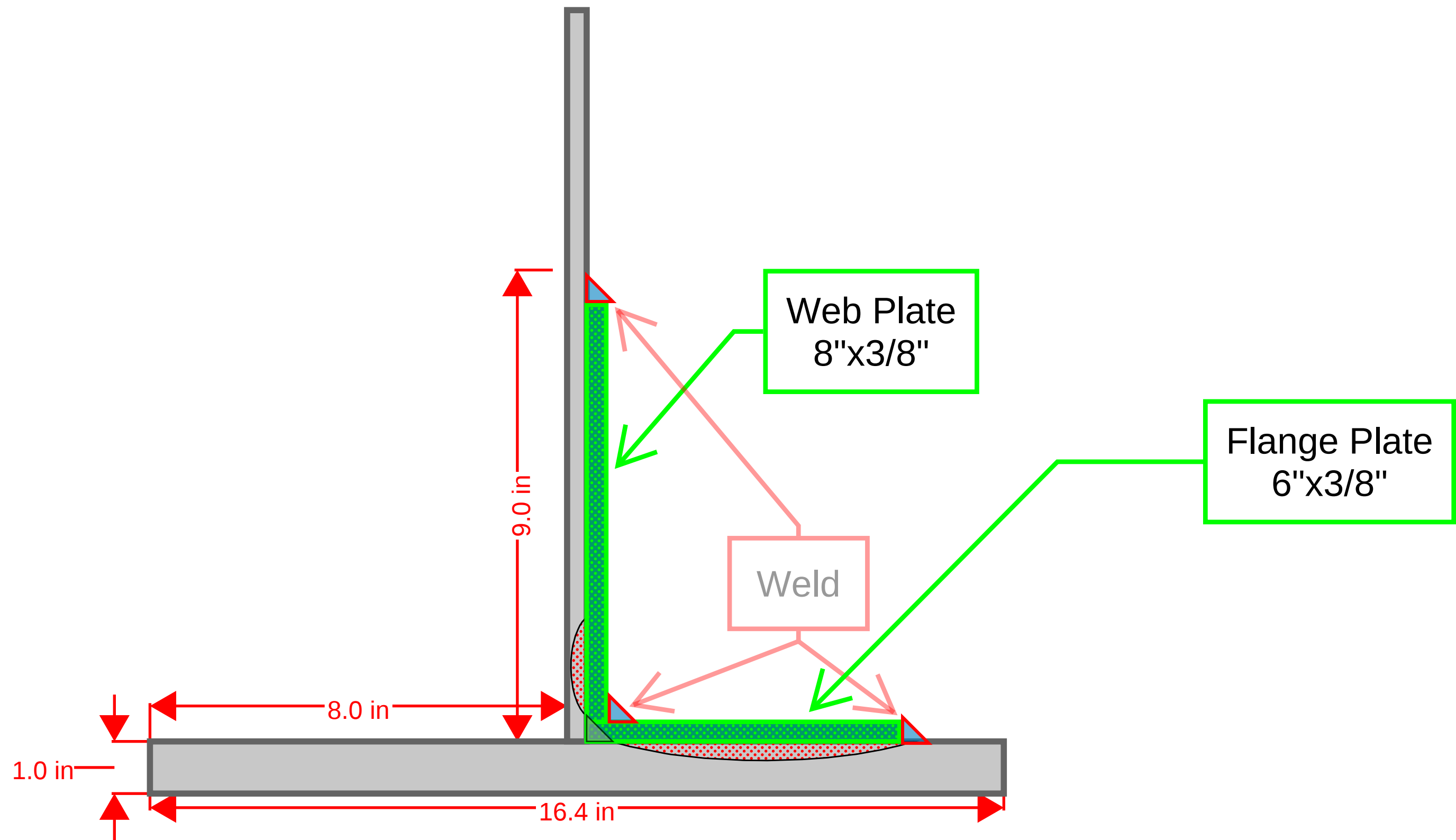
FOR ROCKER R100 FOR ROCKER R125

Note "A": 1 1/2" hole for 1 1/2"x1/8" swedge anchor bolt with sq nut & washer. Set 1-3" into concrete.

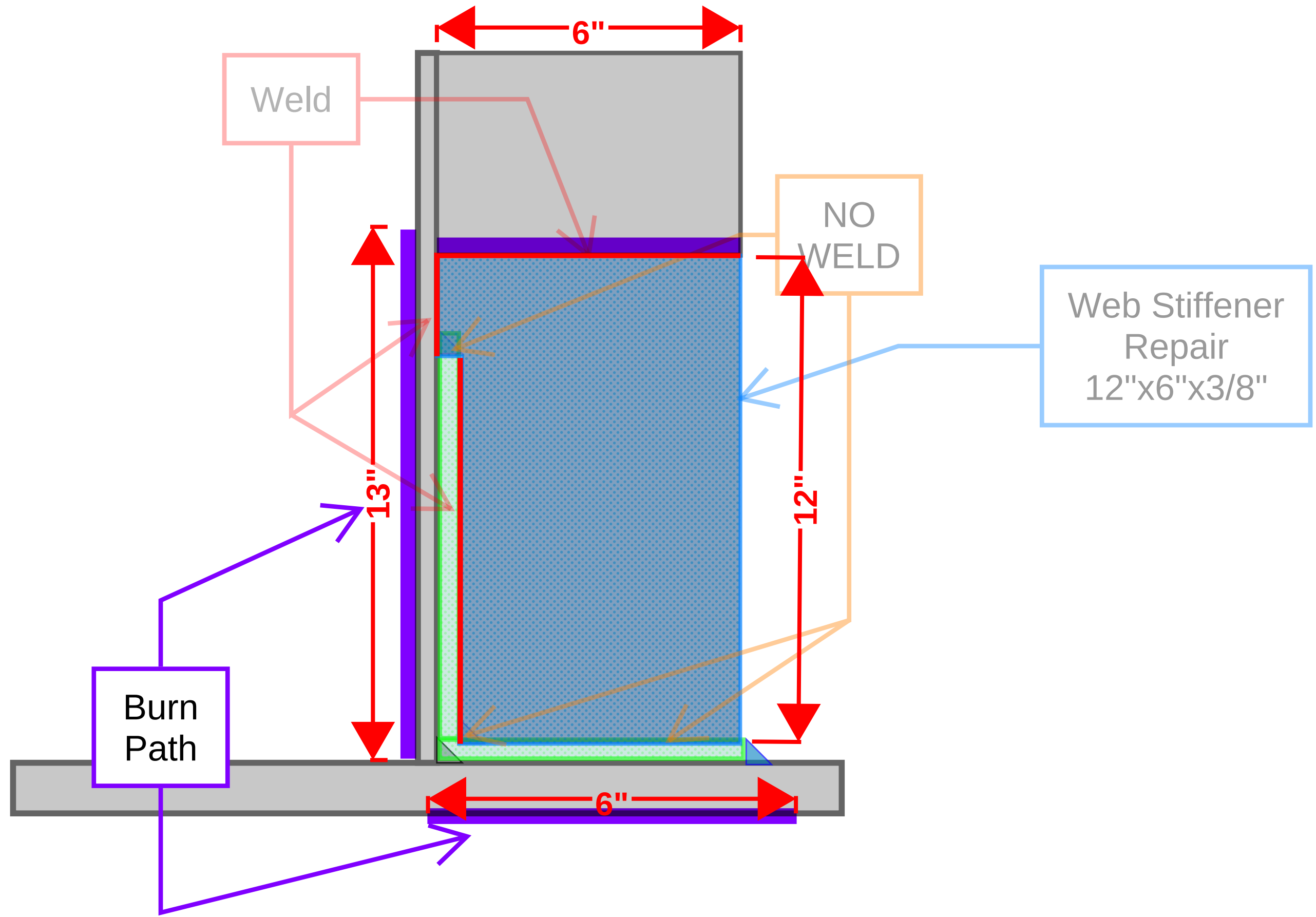
BASE PLATES FOR ROCKERS @ ABUTTS.

All details of Rockers to be in accordance with Standard R8-1-55 except detail of base plate as shown.

MICHAEL BAKER JR., CONSULTING ENGINEERS ROCHESTER, PENNSYLVANIA					
FRAMING PLAN					
BRIDGE NO. LAK-1-0150 UNDER EUCLID SPUR (RAMP "B")					
LAKE COUNTY			STA. 77+79.00		
Designed	Drawn	Traced	Checked	Reviewed-Date	Revised
E.E.W.	W.R.B.	M.S.	Y.G.	H.G.H. 12-30-58	4-19-60
G.M.W.					
W.R.B.					



Web and Flange Repair

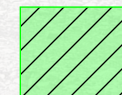


Web Stiffener Repair

LAK-1-0150 REPAIR PLAN



Legend



Web and Flange Repair (288 Ft)



Stiffener Repair (82 Ea)



Stiffener Number





ATSALIS BROS
MAINTENANCE

13" High Both sides			
Girder	Paint Height	13	inches
	Both sides	2	
	Height tot.	26	
	Length	315	Ft
	Girder Area	683	SF
Stiffeners	Outside Stiff Ct	90	Ea
	Inside Stiff Ct	90	Ea
	Number of Stiffeners	180	Ea
	Paint Height	13	inches
	Both sides	2	
	Height tot.	26	inches
	Width	6	inches
	Stiff. Area	195	SF
Flange	Bottom	16.4	Inches
	Top	16	Inches
	Sides	2	Inches
	X-section	34.4	Inches
	Length	315	Ft
	Flange Area	903	SF
Total	Girder	683	SF
	Stiffeners	195	SF
	Flange	903	SF
	Total	1781	SF

13" Backside, 36" Complete Face			
Girder	Paint Height	49	inches
	Both sides	4	
	Height tot.	49	
	Length	315	Ft
	Girder Area	1286	SF
Stiffeners	Outside Stiff Ct	90	Ea
	Inside Stiff Ct	90	Ea
	Number of Stiffeners	180	Ea
	Paint Height	49	inches
	Both sides of Stiff	2	
	Height tot.	98	inches
	Width	6	inches
	Stiff. Area	368	SF
Flange	Bottom	16.4	Inches
	Top	16	Inches
	Sides	2	Inches
	X-section	34.4	Inches
	Length	315	Ft
	Flange Area	903	SF
Total	Girder	1286	SF
	Stiffeners	368	SF
	Flange	903	SF
	Total	2557	SF

Full Web, bottom flange			
Girder	Paint Height	36	inches
	Both sides	2	
	Height tot.	72	
	Length	315	Ft
	Girder Area	1890	SF
Stiffeners	Outside Stiff Ct	90	Ea
	Inside Stiff Ct	90	Ea
	Number of Stiffeners	180	Ea
	Paint Height	72	inches
	Both sides	2	
	Height tot.	144	inches
	Width	6	inches
	Stiff. Area	540	SF
Flange	Bottom	16.4	Inches
	Top	16	Inches
	Sides	2	Inches
	X-section	34.4	Inches
	Length	315	Ft
	Flange Area	903	SF
Total	Girder	1890	SF
	Stiffeners	540	SF
	Flange	903	SF
	Total	3333	SF