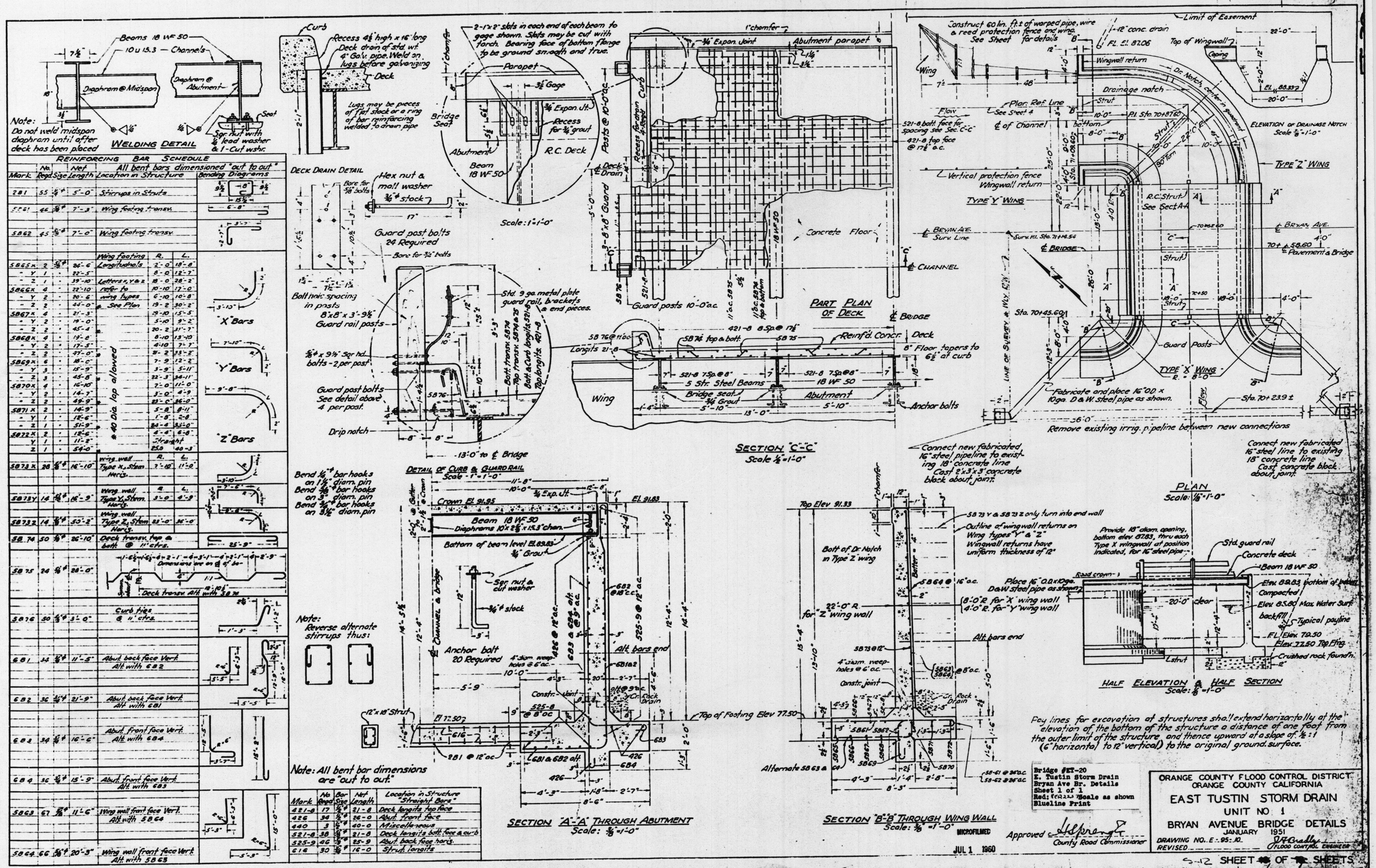

REINFORCING BAR SCHEDULE

Mark	No. Reqd.	Size	Net Length	All bent bars dimensioned "out to out" Location in Structure	Bending Diagrams
281	55	¼"	5'-0"	Stirrups in Struts	
5861	46	⅝"	7'-3"	Wing footing transv.	
5862	45	⅝"	7'-0"	Wing footing transv.	
				Wing footing	R. / L.
5865 X	2	⅝"	26'-6"	Longitudnals	2'-0" / 18'-8"
- Y	1	"	22'-5"		8'-0" / 12'-7"
- Z	1	"	39'-10"	Letters x, y & z	18'-0" / 28'-2"
5866 X	4	"	22'-10"	refer to	10'-10" / 17'-0"
- Y	2	"	20'-6"	wing types	6'-10" / 10'-8"
- Z	2	"	44'-0"	See Plan	19'-2" / 30'-2"
5867 X	4	"	21'-3"		19'-10" / 15'-5"
- Y	2	"	19'-0"		5'-10" / 9'-2"
- Z	2	"	45'-4"		20'-2" / 31'-7"
5868 X	4	"	19'-8"		8'-10" / 13'-10"
- Y	2	"	17'-5"		4'-10" / 7'-7"
- Z	2	"	47'-0"		21'-2" / 33'-2"
5869 X	6	"	18'-0"		7'-9" / 12'-2"
- Y	3	"	15'-9"		3'-9" / 5'-11"
- Z	3	"	45'-8"		22'-3" / 34'-11"
5870 X	4	"	16'-10"		7'-0" / 11'-0"
- Y	2	"	14'-7"		3'-0" / 4'-9"
- Z	2	"	49'-9"		23'-0" / 36'-0"
5871 X	2	"	14'-9"		5'-8" / 8'-11"
- Y	1	"	12'-6"		1'-8" / 2'-8"
- Z	1	"	51'-9"		24'-4" / 33'-0"
5872 X	2	"	12'-6"		4'-4" / 6'-8"
Y	1	"	11'-2"		Straight
Z	1	"	54'-0"		25'-0" / 40'-3"
5873 X	28	⅝"	16'-10"	Wing wall Type X, Stran Herrs.	R. 7'-12" / L. 11'-0"
5873 Y	14	⅝"	16'-9"	Wing wall Type Y, Stran. Herrs.	R. 3'-0" / L. 4'-9"
5873 Z	14	⅝"	50'-2"	Wing wall Type Z, Stran Herrs.	23'-0" / 36'-0"
58 74	50	⅝"	26'-10"	Deck transv. top & bott @ 11" ctrs.	
58 75	24	⅝"	28'-0"	Deck transv. Alt with 58 74	
5876	50	⅝"	3'-0"	Curb ties @ 11" ctrs.	
681	35	⅝"	11'-5"	Abut. back face Vert. Alt with 682	
682	36	½"	21'-9"	Abut. back face Vert. Alt with 681	
684	34	⅝"	16'-6"	Abut. front face Vert. Alt with 683	
683	36	⅝"	15'-9"	Abut. front face Vert. Alt with 684	
5863	67	⅝"	11'-6"	Wing wall front face Vert. Alt with 5864	
5864	66	⅝"	20'-3"	Wing wall front face Vert. Alt with 5863	

40 Dia. lap allowed

Mark	No. Reqd.	Bar Size	Net Length	Location in Structure "Straight Bars"
421-8	17	½"	21'-8	Deck lengths top face
426	34	½"	26'-0	Abut. front face
440	3	½"	40'-0	Miscellaneous
521-8	38	½"	21'-8	Deck lengths bott. face & curb
525-9	46	½"	25'-9	Abut. back face horiz.
616	30	½"	16'-0	Strut lengths

1951

#14519

BRYAN AVE. BRIDGE

OVER ELMODENA IRVINE CHANNEL

ET-20

55C-0536

Thomas : 830-E5