COUNTY	CONTRACT	P. R. A. REG. NO.	STATE	FED. AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
		2	DEL.			

STANDARD SHEET M-2

PORTLAND CEMENT CONCRETE STEPS

PREL. TRACING H.R.C. DESIGN J.E.R. CHKD. E.L.W.

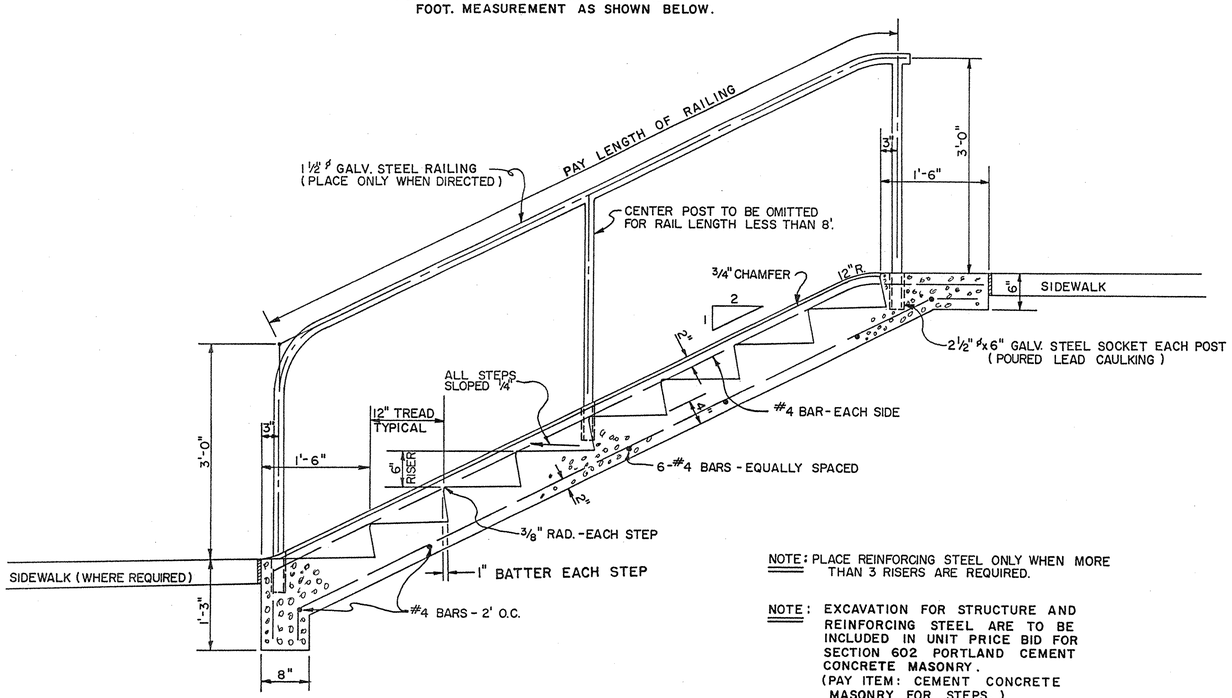
REVISIONS

CHANGED GALV. IRON RAILING TO GALV. STEEL RAILING. 1-16-73 J.T.B.

APPROVED DIRECTOR OF OPERATIONS 6-22-70 DATE

DEPUTY DIRECTOR-CHIEF ENGINEER 6/22/70 DATE

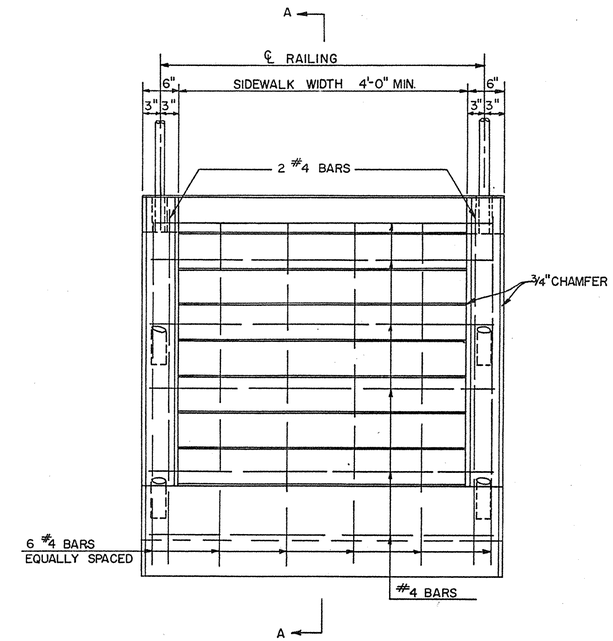
NOTE:
GALVANIZED STEEL RAILING TO BE PAID FOR AT UNIT PRICE BID PER LINEAR FOOT. MEASUREMENT AS SHOWN BELOW.



SECTION A-A

NOTE: PLACE REINFORCING STEEL ONLY WHEN MORE THAN 3 RISERS ARE REQUIRED.

NOTE: EXCAVATION FOR STRUCTURE AND REINFORCING STEEL ARE TO BE INCLUDED IN UNIT PRICE BID FOR SECTION 602 PORTLAND CEMENT CONCRETE MASONRY. (PAY ITEM: CEMENT CONCRETE MASONRY FOR STEPS.)



ELEVATION

PORT. CEM. CONC. STEPS

1 0 1 2 3

ESTIMATED QUANTITIES — PORT. CEM. CONC. STEPS

No. OF RISERS	RAILING LENGTH	SIDEWALK WIDTH 4'			SIDEWALK WIDTH 5'			SIDEWALK WIDTH 6'		
		P.C.C. MASONRY	REINF. STEEL (#4 BARS)		P.C.C. MASONRY	REINF. STEEL (#4 BARS)		P.C.C. MASONRY	REINF. STEEL (#4 BARS)	
	L.F.	(C.Y.)	LENGTH	WEIGHT (#)	(C.Y.)	LENGTH	WEIGHT (#)	(C.Y.)	LENGTH	WEIGHT (#)
2	—	.6	—	—	.7	—	—	.8	—	—
3	—	.7	—	—	.8	—	—	1.0	—	—
4	10'-0"	.8	63'-0"	42.0	1.0	73'-2"	48.9	1.2	83'-4"	55.7
5	12'-4"	1.0	76'-7"	51.2	1.1	89'-0"	59.5	1.3	101'-5"	67.7
6	14'-6"	1.1	84'-4"	56.3	1.3	97'-10"	65.4	1.5	111'-4"	74.4
7	16'-8"	1.2	97'-0"	65.0	1.4	112'-8"	75.3	1.7	128'-4"	85.7
8	19'-0"	1.4	104'-2"	69.6	1.6	120'-10"	80.7	1.9	137'-6"	91.9
9	21'-2"	1.5	118'-4"	79.0	1.7	137'-4"	91.7	2.0	156'-4"	104.4
10	23'-4"	1.6	131'-0"	87.5	1.9	152'-2"	101.6	2.2	173'-4"	115.8
11	25'-8"	1.8	138'-4"	92.4	2.1	160'-6"	107.2	2.4	182'-8"	122.0
12	27'-10"	1.9	150'-7"	100.6	2.2	174'-10"	116.8	2.6	199'-1"	133.0
13	30'-2"	2.0	160'-4"	107.1	2.4	186'-0"	124.2	2.8	211'-8"	141.4
14	32'-4"	2.1	172'-9"	115.4	2.5	200'-6"	133.9	3.0	228'-3"	152.5
15	34'-6"	2.3	179'-11"	120.2	2.7	208'-8"	139.4	3.1	237'-5"	158.6
16	36'-10"	2.4	192'-4"	128.4	2.8	223'-2"	149.1	3.3	254'-0"	169.7