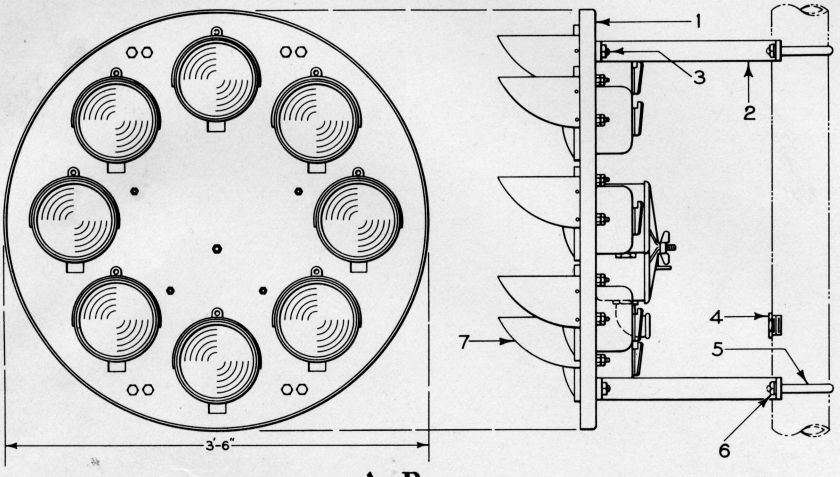


A-B

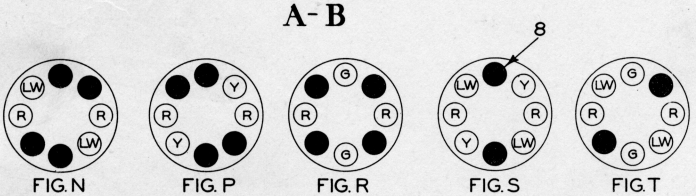


FIG. N FIG. P FIG. R FIG. S FIG. T

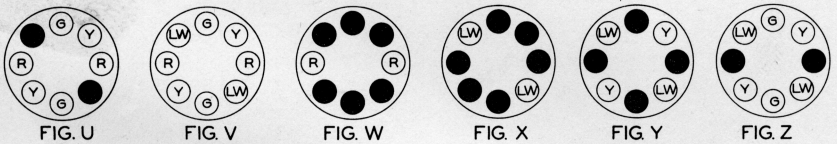
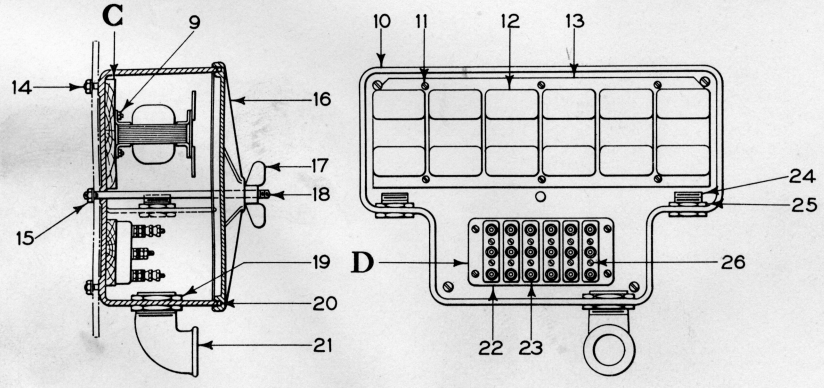


FIG. U FIG. V FIG. W FIG. X FIG. Y FIG. Z



ENLARGED VIEWS OF JUNCTION BOX

TYPE "U" COLOR-POSITION-LIGHT SIGNAL HEADS

Zachary Gillihan
Digitally signed by Zachary Gillihan
DN: cn=Zachary Gillihan, o=ZCG Utility Scrap, ou, email=zachary.gillihan@gmail.com, c=US
Date: 2018.10.15 11:45:21 -05'00'

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TYPE "U" COLOR-POSITION-LIGHT SIGNAL HEADS

NOTE: Figs. N to Z shown on opposite page correspond to B & O Standard Assemblies as follows:

Fig. N - Figs. 1-9-16-24
Fig. P - Figs. 2-10-17-25
Fig. R - Figs. 3-11-18-26
Fig. S - Figs. 4-12-19-27
Fig. T - Figs. 5-13-20-28-31 34-37-40-43
Fig. U - Figs. 6-14-21-29-32 35-38-41-44
Fig. V - Figs. 7-15-22-30-33 36-39-42-45
Fig. W - Figs. 8-23-49-50
Fig. X - Fig. 46
Fig. Y - Fig. 47
Fig. Z - Fig. 48

Light Units will be equipped with 13.5 volt, 17 watt lamps unless otherwise specified.

Drawing references are shown for convenience in checking shipping lists and invoices

Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
A	Type "U" Size 8, Color-Position-Light Signal Head Complete. Light units are equipped with hot-spot lenses. See small sketches in center of opposite page and specify indications required.	54350
B	Type "U" Size 8, Color-Position-Light Signal Head Complete. Light units are equipped with spredlite lenses. See small sketches in center of opposite page and specify indications required.	54350
C	Board Complete, as shown, with six transformers.	54352 Gr 6
C1	as above, except with five transformers.	54352 Gr 5
C2	same as Fig. C, except with four transformers.	54352 Gr 4
C3	same as Fig. C, except with three transformers.	54352 Gr 3
C4	same as Fig. C, except with two transformers	54352 Gr 2
C5	same as Fig. C, except with one transformer.	54352 Gr 1

PLATE H3515

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TYPE "U" COLOR-POSITION-LIGHT SIGNAL HEADS

Drawing references are shown for convenience in checking shipping lists and invoices

Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
D	Terminal Board Complete, as shown, with six terminal blocks.	52292-30 Gr 6
D1	as above, except with five terminal blocks.	52292-30 Gr 5
D2	same as Fig. D, except with four terminal blocks.	52292-30 Gr 4
D3	same as Fig. D, except with three terminal blocks.	52292-30 Gr 3
D4	same as Fig. D, except with two terminal blocks.	52292-30 Gr 2
D5	same as Fig. D, except with one terminal block.	52292-30 Gr 1
1	Background Complete, includes locking clips welded to background.	54351 Gr 1
2	Bracket, for mounting signal to 5" pipe.	40539-15
3	Tap Bolt, 1/2"-13 x 1 1/4" hex. hd., with hex. nut, for fastening bracket Fig. 2 to background.	0641-1 26747
4	Chase Nipple, 1 1/2", for wire entrance in pipe.	39998
5	"U" Bolt, 5/8"-11, for bracket Fig. 2.	16194-7
6	Nut, 5/8"-11 x 5/8" hex., with lock washer, for "U" bolt, Fig. 5.	41993 0113
7	Hood, for light units.	49127-40
8	Disc, for blanking vacant lamp spaces in background, includes screw, nut and washers.	39719-16 13006 6471 4344-1 0622
9	Screw, No. 8-32 x 3/4" fl. hd., with hex. nut, for fastening transformers to board.	29558 3891

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TYPE "U" COLOR-POSITION-LIGHT SIGNAL HEADS

Drawing references are shown for convenience in checking shipping lists and invoices

Fig. No.	Name	Drawing Reference
	Order by plate, figure number and name	
10	Junction Box, only, cast iron, for signal unit, does not include door.	54575-3
10a	as above, except for use when transformers are not used.	54575-4
11	Screw, No. 10-32 x 3/4" rd. hd., for fastening board Fig. C in junction box.	4423-1
12	Transformer, Type S1, for junction box.	53715-1 Gr 1
13	Board, only, for board Fig. C.	39964-281
14	Screw, 1/4"-20 x 7/8" rd. hd., with hex. nut and washer, for fastening junction box to background.	15287-13 424-2 53029-8
15	Nut, 3/8"-24 x 1/4" hex., with lock washer, for stud Fig. 18.	52822-6 53029-10
16	Door, only, for junction box.	36727-32
17	Wing Nut, 1/2"-13 for stud Fig. 18.	10118-3
18	Stud, 3/8-24, for junction box.	441-246
19	Lock Nut, T & B, 1 1/2", for elbow.	0827
20	Gasket, for door.	13014-53
21	Elbow, 1 1/2", 90 degree, wire inlet, for junction box.	35132-14
22	Board, only, for terminal board Fig. D.	54220-84
23	Terminal Block only, for terminal board.	46048-8 Gr 5
24	Chase Nipple 1", wire inlet for junction box.	12249
25	Lock Nut, T & B, 1" for nipple Fig. 24.	0359
26	Wood Screw, No. 10 x 7/8" rd. hd., for mounting terminal blocks to terminal board.	0631-7