



Highway Crossing Signals Cantilever Type

Highway Crossing Signals

CANTILEVER TYPE

Unless otherwise specified, signals will be furnished as follows:

- (a) Combined Junction Box and Cross Arm
- (b) Pipe Post
 - (1) 6" Extra strong pipe with base for main post of 6'-8' spans
 - (2) 8" Pipe with base for main post of 10'-12' spans
 - (3) 4" Pipe for post mounted on cantilever
- (c) Pinnacles as shown
- (d) Lamp Units equipped with 30° horizontal spreadlite cover glass, 15° downward deflection
- (e) 10 Volt, 18 Watt Lamps
- (f) Foundation Bolts
 - (1) 1" for 6'-8' spans
 - (2) 1½" for 10'-12' spans
- (g) Dimensions as shown
- (h) 90° reflector button type Railroad Crossing Sign. Black letters on white background, lettering on one side only.
- (j) Reflector button type Tracks Sign. White numerals and letters on black background (Orders should specify numeral desired)
- (k) Stop Sign
 - (1) Illuminated type with red letters
 - (2) Reflector button type with white letters on black background.

If any of the following material is desired, orders should so state:

- (a) Crossing Bell per View "Y"
 - (1) Style "15A" D.C. Crossing Bell, Plate K-80
 - (2) Style "AH-10" A.C. Crossing Bell, Plate K-91
- (b) 1¼" Pipe Cross Arm, Plate K-196
- (c) Cast Iron Railroad Crossing Sign, Plate K-168
- (d) Reflex-Reflecting type Railroad Crossing Sign, Plates K-180 and K-185
- (e) Cast Iron Tracks Sign, Plate K-168
- (f) Reflex-Reflecting type Tracks Sign, Plates K-180 and K-185
- (g) Reflex-Reflecting type Stop Sign, Plates K-180 and K-185
- (h) Phankill Unit, Plate K-159
- (j) Cover Glass other than 30° horizontal spreadlite, 15° downward deflection, Plate K-159 (Refs. 38a to 38d inclusive)
- (k) Lens Guard, Plate K-220
- (m) Junction Box with Pilot Lights, Plate K-137

If a signal arranged per diagram "W-W" of Plate K-010 is desired, orders should so state giving angle of convergence.

Order by Plate, Piece, Reference and Abbreviated
Description Given in Heavy Face Type Only

Piece	Ref.	Description	Drawing Reference
	A	6'-0" or 8'-0" Span Cantilever Type Highway Crossing Signal Complete as shown for indication in two directions. Equipped as specified in plate heading (Orders should specify span dimension and numeral desired on Tracks Sign).....	B-8912-

Highway Crossing Signals

CANTILEVER TYPE

(Continued)

Order by Plate, Piece, Reference and Abbreviated Description Given in Heavy Face Type Only

Piece	Ref.	Description	Drawing Reference
	Aa	6'-0" or 8'-0" Span Cantilever Type Highway Crossing Signal Complete as shown except with reflector button type "STOP ON RED SIGNAL" Sign, for indication in two directions. Equipped as specified in plate heading (Orders should specify span dimension and numeral desired on Tracks Sign)...	B-8912-
	B	10'-0" or 12'-0" Span Cantilever Type Highway Crossing Signal Complete as shown for indication in two directions. Equipped as specified in plate heading (Orders should specify span dimension and numeral desired on Tracks Sign).....	B-8912-
	Ba	10'-0" or 12'-0" Span Cantilever Type Highway Crossing Signal Complete as shown except with reflector button type "STOP ON RED SIGNAL" Sign, for indication in two directions. Equipped as specified in plate heading (Orders should specify span dimension and numeral desired on Tracks Sign).....	B-8912-
	2	Four Style "HC-81" Lamp Units and Combined Junction Box and Cross Arm Complete. For details refer to Plate K-151.....	B-8912-
192180	3	90° Reflector Button Type Railroad Crossing Sign Complete. For details refer to Plate K-175.....	C-9451-4
192138	4	Reflector Button Type Tracks Sign Complete. Orders should specify numeral desired. (For details refer to Plate K-175).....	C-9451-3
148922	5	Style "HC-42" Illuminated Stop Sign Complete. For details refer to Plate K-130.....	C-9208-1
192119	6	Reflector Button Type "Stop on Red Signal" Sign Complete. For details refer to Plate K-175.....	C-9451-1
217612	7	Terminal Box Complete.....	C-6676-43
	8	Ladder Complete (Orders should specify "X" dimension and size of pipe).....	B-10313-
	9	6" Extra Strong Pipe Post with Base. For 6' and 8' spans. (Orders should specify length, drilling and type of Cross Arm to be used).....	B-9893-

Highway Crossing Signal

CANTILEVER TYPE

(Continued)

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Piece	Ref.	Description	Drawing Reference
	10	8" Pipe Post with Base. For 10' and 12' spans. (Orders should specify length, drilling and type of Cross Arm to be used)	B-9893-
	11	4" Pipe Post with Tee. (Orders should specify length and drilling desired and type of Cross Arm to be used)	B-9893-
145739	12	Pinnacle for 4" Pipe Post	B-8121-10
168877	13	Pinnacle for 6" Extra Strong Pipe Post	B-8121-18
215093	14	Pinnacle for 8" Pipe Post	B-8121-19
209980	15	Gusset Plate	9999-1384
	16	R.H. Brace (Orders should specify span of signal) . .	C-4107-
	17	L.H. Brace (Orders should specify span of signal) . .	C-4107-
	18	R.H. Cross Tie (Orders should specify span of signal)	C-4107-
	19	L.H. Cross Tie (Orders should specify span of signal)	C-4107-
	20	Platform Complete (Orders should specify span of signal and size of pipe)	B-7501-
	21	2" Pipe, threaded both ends (Orders should specify length desired)	B-10919-
	22	2" Galv. Condulet (C.N. 69510)	
	23	Condulet Cover (C.N. 69826)	
	24	2" M.I. Galv. Male and Female Union (C.N. 33511)	
	25	Bolt, $\frac{5}{8}$ "x1 $\frac{1}{2}$ " Sq. Hd. (C.N. 46695) (Cad. Pl.) with $\frac{5}{8}$ " Hex. Nut (C.N. 48020) (Cad. Pl.)	
	26	R.H. Structure Support Complete (Orders should specify span of signal)	C-4107-
	27	L.H. Structure Support Complete (Orders should specify span of signal)	C-4107-
	28	Channel Support (Orders should specify span of signal)	C-4107-

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Order by Plate, Piece, Reference and Abbreviated
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Piece	Ref.	Description	Drawing Reference
	29	Bolt, $\frac{3}{4}$ "x2" Sq. Hd. S. (C.N. 46725) with $\frac{3}{4}$ " Hex. Nut (C.N. 48026) (Cad. Pl.), $\frac{3}{4}$ " Plain S. Lock Washer (C.N. 47772) (Cad. Pl.) and Washer Ref. 29a	
107911	29a	Cast Washer	8065-180
	30	Bolt, $\frac{3}{4}$ "x2 $\frac{1}{2}$ " Sq. Hd. S. (C.N. 46727) with $\frac{3}{4}$ " Hex. Nut (C.N. 48026) (Cad. Pl.), $\frac{3}{4}$ " Plain S. Lock Washer (C.N. 47772) (Cad. Pl.) and Washer Ref. 29a	
	31	Bolt, $\frac{3}{4}$ "x1 $\frac{1}{2}$ " Sq. Hd. (C.N. 46723) with $\frac{3}{4}$ " Hex. Nut (C.N. 48026) (Cad. Pl.) and $\frac{3}{4}$ " Plain S. Lock Washer (C.N. 47772) (Cad. Pl.) for attaching channel support to platform (Not shown)	
	32	Crossing Bell Complete (When ordering refer to Plate K-80 or K-91)	
215366	33	Adapter for 6" Pipe	C-6041-21
215108	33a	Adapter for 8" Pipe	C-6041-21
	34	U-Bolt Ref. 34b with $\frac{5}{8}$ " Hex. Nut (C.N. 48020) (Cad. Pl.) for attaching terminal box to 6" Pipe	
	34a	U-Bolt Ref. 34c with $\frac{5}{8}$ " Hex. Nut (C.N. 48020) (Cad. Pl.) for attaching terminal box to 8" Pipe	
109746	34b	U-Bolt Only, for 6" Pipe	8782-37
215117	34c	U-Bolt Only, for 8" Pipe	8782-220
15587	35	Clamp (Half) for 4" Pipe	C-4107-3
	36	Bolt, $\frac{1}{2}$ "x7 $\frac{1}{2}$ " Sq. Hd. S. (C.N. 46683) with $\frac{1}{2}$ " Hex. Nut (C.N. 48013) (Cad. Pl.) and $\frac{1}{2}$ " Plain S. Lock Washer (C.N. 47769) (Cad. Pl.)	
	37	Tee, 2"x2"x4" C.I. (C.N. 33239)	
	38	Pipe Plug, 2" C.I. (C.N. 32915)	
34757	39	Clamp (Half) for 6" Pipe	C-4107-7
	40	Bolt, $\frac{5}{8}$ "x10" Sq. Hd. S. (C.N. 46854) with $\frac{5}{8}$ " Hex. Nut (C.N. 48020) (Cad. Pl.) and $\frac{5}{8}$ " Plain S. Lock Washer (C.N. 47771) (Cad. Pl.)	

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Order by Plate, Piece, Reference and Abbreviated
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Piece	Ref.	Description	Drawing Reference
	41	Tap Bolt, $\frac{1}{2}$ "x $1\frac{1}{4}$ " Hex. Hd. S. (C.N. 46447)	
215104	42	Clamp (Half) for 8" Pipe.....	C-4107-23
	43	Bolt Ref. 43a with $\frac{3}{4}$ " Hex. Nut (C.N. 48026) (Cad. Pl.) and $\frac{3}{4}$ " Plain S. Lock Washer (C.N. 47772) (Cad. Pl.)	
288965	43a	Bolt Only.....	8132-208
	44	Tap Bolt, $\frac{3}{4}$ "x $1\frac{1}{4}$ " Hex. Hd. (C.N. 46476)	
	45	Foundation Bolt Ref. 45b with 1" Hex. Nut (C.N. 48034) and 1" Plate Washer (C.N. 47509) for 6'-8' spans	
	45a	Foundation Bolt Ref. 45c with $1\frac{1}{4}$ " Hex. Nut (C.N. 48043) and $1\frac{1}{4}$ " Plate Washer (C.N. 47510) for 10'-12' spans	
122296	45b	Foundation Bolt Only, 1"x3'-0".....	7913-54
232960	45c	Foundation Bolt Only, $1\frac{1}{4}$ "x3'-6".....	7913-215