



# Manitoba Highways & Transportation Standard Drawings for Traffic Signal and Pedestrian Corridor Structures



PREPARED BY DILLON CONSULTING LIMITED

## Drawing List

DRAWING NO.	COMPONENT / TYPE NO.	DESCRIPTION	STOCK CODE NO.	DRAWING NO.	COMPONENT / TYPE NO.	DESCRIPTION	STOCK CODE NO.
<b>ANCHOR BOLTS</b>				S10	E-016 W	Type 6 and Type 7 Combination Cantilever 6.8 m Vertical Shaft (For Cantilever Structures)	*17927
AB1	AB1	29 mm (1 1/8") dia. Anchor Bolt	*7558				
AB2	AB2	32 mm (1 1/4") dia. Anchor Bolt	*7559				
AB3	AB3	51 mm (2") dia. Anchor Bolt	*7585				
<b>CONCRETE PILE FOUNDATIONS</b>				S11	E-016 R	Type 6 Combination Luminaire Cantilever Standard 7.5 m, 9.0 m, 10.5 m and 15.0 m Cantilever Extension Arms Advance Warning Sign	*17928 - 7.5 m Adv Signal Arm *17929 - 9.0 m Adv Signal Arm *17930 - 10.5 m Adv Signal Arm *17931 - 15.0 m Adv Signal Arm
F1	F1	560 (22") dia X 2.4 m, 4-29 (1 1/8") dia A/Bolts (AB1), 292 BCD, Struct. Type 1, 8 & 2	-----				
F2	F2	610 (24") dia X 3.0 m, 4-32 (1 1/4") dia A/Bolts (AB2), 292 BCD, Struct. Type 5	-----				
F3	F3	762 (30") dia X 5.0 m, 4-32 (1 1/4") dia A/Bolts (AB2), 380 BCD, Struct. Type 3 & 4	-----				
F4	F4	915 (36") dia X 5.0 m, 4-51 (2") dia A/Bolts (AB3), 410 BCD, Struct. Type 9	-----				
F5	F5	915 (36") dia X 5.0 m, 4-51 (2") dia A/Bolts (AB3), 584 BCD, Struct. Type 6, 7 & 10	-----				
<b>STRUCTURES</b>				S12	E-016 S	Type 7 Combination Luminaire Cantilever Standard 7.5 m, 9.0 m, 10.5 m and 15.0 m Cantilever Extension Arms Traffic Signal	*17923 - 7.5 m Traffic Signal Arm *17924 - 9.0 m Traffic Signal Arm *17925 - 10.5 m Traffic Signal Arm *17926 - 15.0 m Traffic Signal Arm
S1	E-016 C	Type 1 2.9 m Straight Standard	*17896				
S2	E-016 X	Type 8 5.0 m Straight Standard	*17936				
S3	E-016 P	Type 2 Light Series Davit - Stub Light Series Davit (No Arm Extension)	*17918				
S4	E-016 F	Type 2 Light Series Davit - Stub Light Series Davit	*17909				
S5	E-016 G	Type 2 Light Series Davit - 2.5 m Extension Arm	*40373 - 2.5 m Corridor Arm *17910 - 2.5 m Signal Arm				
S6	E-016 Y	Type 5 Intermediate Series Double Davit Davit Stub, Double Davit Extension Arm and Extension Arm	*17905 - Davit Stub *17906 - Y *17907 - Extension Arm				
S7	E-016 H	Type 3 Medium Series Davit Stub - Medium Series Davit	*17922				
S8	E-016 K	Type 4 Medium Series Combination Davit Standard Stub - Medium Series Combination Davit	*17893				
S9	E-016 J	Type 3 and Type 4 Medium Series Davits - Extension Arms 2.5 m, 3.5 m and 5.0 m Signal Arm 3.0 m and 4.5 m Corridor Arm	*40131 - 2.5 m Signal Arm *40132 - 3.5 m Signal Arm *17904 - 5.0 m Signal Arm *17897 - 3.0 m Corridor Arm *17898 - 4.5 m Corridor Arm				
				S13	E-016 M	Type 9 Heavy Series Davit Standard Stub - Heavy Series Davit	*39153
				S14	E-016 Q	Type 9 Heavy Series Davits Extension Arms - 6.7 m, and 8.2 m Long	*40163 - 6.7 m Corridor Arm *40164 - 8.2 m Corridor Arm *17894 - 6.7 m Signal Arm *17895 - 8.2 m Signal Arm
				S15	E-016 N	Type 10 Heavy Series Combination Luminaire Davit Standard Stub - Heavy Series Combination Davit	*39152
				S16	E-016 V	Type 10 Heavy Series Combination Davits Extension Arms - 6.7 m, and 8.2 m Long	*40243 - 6.7 m Corridor Arm *40242 - 8.2 m Corridor Arm *40245 - 6.7 m Signal Arm *40244 - 8.2 m Signal Arm
				S17	E-016 E	Luminaire Davit Arm (Single Luminaire)	*17971
				S18	E-016 L	Luminaire Extension Shafts 5.4 m and 8.4 m	*17900 - 5.4 m *17901 - 8.4 m
				S19	E-016 T	Hydro Luminaire Adaptor	-----
				S20	E-016 A&B	Details Access Panel (AP1) & Handhole (H1)	-----
				S21	E-016 D	Straight Stub Extensions 1.5 m, 3.0 m, 4.5 m and 6.1 m	*17899 - 1.5 m *17919 - 3.0 m *17920 - 4.5 m *17921 - 6.1 m