		\$7	אס מעמות ה	CNAL AD	1101DS				DEELECTIONS											
		Signal Signals Sign					n		Estimated											
	Signal Pole	Arm	41	2	5 * S	52	* Horz.	- DS Max.	"defl"						<u>ERTICAL POST L</u>	OADS	4	4100		147 : 1 :
	Type	Length	Qty.	Qty.	Qty. Q	y. Qty	Blank	101 32	End of Arm				Description	Centerline	Height Widt	h Depth	Front	Side E	Area	weight 0" lce
	CMCI	COL CEL	7	2	1	,	E 01 0"	21/ 1"	21.0"					Elevation	(Each) (Each	h) (Each)	(sq. ft) (:	sq. ft (	sq. ft)	(lbs)
	SMBL	00,05	/	2	/ 7	/	58-0	21-1	2-9				2-Ped. Push Buttons	3'-6"	7¾" 5"	3 <sup>3</sup> /8"	0.27	0.18	0.12	3.0
	SM 7/	70' 75'	7	2	1 4	7	68'-0"	21'_1"	2'_0"				Controller Cabinet	5'-9"	46" 24'	' 22"	7.67	7.03	3.67	300
	31VI7 L	70,75	/	2	, ,		00-0	27-7	5-9				2-Pedestrian Signals	8'-3 <sup>1</sup> / <sub>2</sub> "	1 <i>8<sup>3</sup>/</i> 4" 19'	' 19"	2.47	2.47	2.51	25.0
													Terminal Cabinet	10'-9"	18 <sup>1</sup> / <sub>8</sub> " 6 <sup>3</sup> / <sub>4</sub> "	' <i>8<sup>3</sup>/8</i> "	0.85	1.05	0.39	25.0
	* - Load locatio	n is the clo	cest sign or	signal	that type								Guide Sign (S3)	15'-0"	72" 120	" <i>8<sup>3</sup>/8</i> "	60.0	1.00	1.67	395
	to the vertica	al post.	scst sign of	signaro	that type								Photoelectric Cell	38'-4"	$2^{1/_4}$ " $3^{1/_4}$	' 31/4"	0.05	0.05	0.07	5.0
		•											1. Physical fit of the load	ing must be ve	erified.					
	1. Camera mo	unted on 6	ft arm place	ed at anv									,	5						
	location on	signal arm	,	,																
7	2. Fire Pre-Em	ption may	be placed at	any loca	tion															
2	along the m	nast arm.																		
<u> </u>	3. Modification	ns to the lo	ading showr	n require																
2	analysis to v	verity the s	tructural ade	equacy									_							
0	4 Physical fit	of the load	na must he	verified																
2	5 60' and 70'	mast arm l	enaths use f	the same								(			+				Т	
	design as th	he longer 6	5' and 75' le	ngths								<u>9</u> W2		Q		+	-		т	
	with the end	d 5' remove	d.	5						L Lumi	naire arm	6 1								
										lenat	h "LA"	Ris		Q	51	5	2			
										(20'-0"	maximun)	rm 'se,			uminated	Alun	- ninum		53	
												A	4L 2 4	5 (3 ft	t x 2.5 ft)	(Street N	ame Sian)	(6	ft x 10	ft)
										1'	0" Min Install removah	-0,				,				
Ę										Centroid of	steel or aluminu									
5										Design Luminaire	Luminaire arm   raintight pole ca	ap.	S	IGNAL P	OLE APP	URTEN	IANCE	TYPE	S	
n n											<u> </u>								-	
ŝ										Camera mounted on _										
÷.										1'-6" max. arm		<u>†</u>								
							Cianal Arm I	anath (Can P	roiact Planc)											
							Signal Ann L	engin (see r.	ojeci rialis)	06	See Luminai	ire Arm Details								
										- DS max	on TM629.	Details								
		6" —	8'-0" mi	in. (Typ.)						l uminaire Arm	Extension -									
			3'-0" min				Г	Slip Joint			See Masta	arm		ΔΡ	PURTENANCE L	2405				
			Typ.					See Dwg TM	657		drawing T	TM657			Area Area	Area	Weiaht			
				– Camera	- 2 1/2' x	3' Permanent				4 Bolt Pole Conne	ction -	S		Type	Front Side	Bottom	0" Ice			
					/ Horizon	al Sign Blank				See TM657	See Handh	hole o			(sq. ft) (sq. ft,	(sq. ft)	(lbs)			
	Undeflected Arm Elev.		-  _ _ _	/	end of a	rm					/ Details on			4L	12.4 6.61	3.64	145			
		fell		, 7a						4° for 60' through	0 75' —    / / UTAWING T	W#WS		2	8.67 6.67	1.95	85.0			
	Final Deflected	<u>'</u> tj		<u> </u>		R				arm lenths	$\langle \langle     \rangle \rangle$				12.2 10.36	1.95	1/2			
	Arm Elev.		₩,	]++		— Hefe		INH I						51	750 238	1.35	71.0			
				Ľ	<del>ار</del> ال	le l	7	ų L				—   <u> </u>		57	21.0 0.00	1.67	105			
,	nstall romovable —									Type S2 or S1		6"   0"		lorz Blank	172 238	7.50	45.0			
" 5	steel or aluminum	kim	\ / 7	Гуре 2_∫	Tvne '		- murminateu Tvne S1		$\backslash$		и.		Sic	anal Camera	1.64 2.55	0	60			
r	aintight cap at the	na) e		 minatod	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. /	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		└─ Illuminated		Wii	19'. (4)		ım. Camera	0.65 1.42	0	25			
е	end of mast arm	0" I		ninaleu pe S1	Type	2		Tre	Type ST			=								
		9'- ear	Type 4	L, 4, or 2	Type	L		= iyp	e 5, 4L, 4K, 1. S2	Түре S3, (3)–S	2, `` ``_	<u>ce</u>								
		10						_, _	.,	or (4)–51		Hei								
		nun tica										nt i								
		nin ver								Recessed Tern	vinal	me								
		<u>m</u>								Cabinet, see T	VI054	ach to L								
		0-			/	— Roadwa	y surface			See Handhole details o	$\gamma \longrightarrow \left  \bigcup_{i=1}^{n} -Grounding \right $	Att	Accompanied by dwgs.	M654, TM656.	. TM657. TM65	8. TM628				
		-				(2% use	d for Std. De	sign estimate	?)	drawing TM658 (Orient	ation terminal	Bá			1	All material	s shall he in	accordan	o with	
		18								specified by signal des		<u> </u>				the current C	s shan be ill		~ mun	
		18			/								I The sector stress and second				regon Stand	ard Specif	cations	
		18			/					a /			I ne selection and use	of this	C	REGON S	TANDAR	ard Specif	ications.	S
		18			/					See dwg. TM657 f nata dataile	or base See p	roject plans for	Standard Drawing. wh	of this ile		REGON S	TANDAR	ard Specif D DRA )' THF	WINGS	s GH 7
		18								See dwg. TM657 f plate details.	or base See p top o	roject plans for f footing elevation.	Standard Drawing, wh	of this ile ce with	TRAFF	REGON S	TANDAR	ard Specif D DRA )' THI	WINGS ROUC	s GH 7
		/ <u>8</u>								See dwg. TM657 f plate details.	or base See p top o	roject plans for f footing elevation.	Standard Drawing, wh designed in accordance	of this ile ce with	TRAFF	REGON S IC SIGI MAST A	TANDAR NAL 60 ARM S	D DRA D DRA I THI UPPC	ROU ROU RTS	s GH 7
		18								See dwg. TM657 f plate details.	or base See p top o. Install footi	roject plans for f footing elevation. ing according to TM628. nforcement steel shaft	Standard Drawing, wh designed in accordance generally accepted en	of this ile ce with gineering	TRAFF	REGON S IC SIGI MAST A GENEI	TANDAR NAL 60 ARM 5 RAL DE	D DRA D DRA D' THI UPPC TAIL	ications WINGS ROU( PRTS S & I A	s GH 7
		18								See dwg. TM657 f plate details.	or base See p top of Install footi Use the rein diameter, a	roject plans for f footing elevation. ing according to TM628. nforcement steel, shaft nd number of CSL	Standard Drawing, wh designed in accordance generally accepted en principles and practice	of this ile ce with gineering es, is the	TRAFF	REGON S IC SIGI MAST A GENEI DESI	ARM S ARM S ARM S ARM DE ARL DE	ard Specif D DRA )' THI UPPC TAIL RITER	WINGS ROUC ORTS S & IA	s GH 7
		18							TYPICAL	See dwg. TM657 f plate details.	or base See p top of Install footi Use the rein diameter, a tubes accor	roject plans for f footing elevation. ing according to TM628. nforcement steel, shaft nd number of CSL rding to the monotube	Standard Drawing, wh designed in accordance generally accepted eng principles and practice sole responsibility of t	of this ile ce with gineering es, is the the user		REGON S IC SIGI MAST A GENEI DESI	TANDAR TANDAR NAL 60 ARM S RAL DE GN CR 2021	ard Specif D DRA D' THI UPPC TAIL RITER	WINGS ROUC PRTS S & IA	s GH 7
		18							TYPICAL	See dwg. TM657 f plate details. DLE ELEVATION Io Scale	or base See p top of Install footi Use the rein diameter, a tubes accor cantilever o the rest	roject plans for f footing elevation. ing according to TM628. nforcement steel, shaft nd number of CSL rding to the monotube design number 6. Use	Standard Drawing, wh designed in accordance generally accepted eng principles and practice sole responsibility of t	of this ile ce with gineering es, is the the user	DATE 07-2020 REPLA	REGON S IC SIGI MAST A GENEI DESI	TANDAR TANDAR NAL 60 ARM S RAL DE GN CR 2021 ISION DESCRI ECESSED TERMIN	AIT OF SPECIF D DRA D' THE UPPC TAIL RITER PTION VIAL CABINET.	ICATIONS. WINGS ROU( DRTS S & IA	S GH 7
		8/							TYPICAL	See dwg. TM657 f plate details. DLE ELEVATION lo Scale	or base See p top of Install footi Use the rein diameter, a tubes accon cantilever o the reaction Project Plan	roject plans for f footing elevation. ing according to TM628. nforcement steel, shaft nd number of CSL rding to the monotube fesign number 6. Use ns shown on TM656 and ns footing lenath.	Standard Drawing, wh designed in accordance generally accepted eng principles and practice sole responsibility of t and should not be use	of this ile ce with gineering es, is the the user ed without	DATE 07-2020 REPLA BY DF	REGON S IC SIGI MAST A GENEI DESI RECED HUB WITH R AWING TM654, A	TANDAR TANDAR NAL 60 ARM S RAL DE GN CR 2021 VISION DESCRI ECESSED TERMIN ND CHANGED SI	Ard Specific D DRA D' THI UPPC TAIL RITER	ADDED AC	SGH 7
		8/							<u>TYPICAL</u>	See dwg. TM657 f plate details. DLE ELEVATION To Scale	or base See p top of Install footi Use the rein diameter, a tubes accon cantilever o the reaction Project Plan	roject plans for f footing elevation. ing according to TM628. nforcement steel, shaft nd number of CSL rding to the monotube lesign number 6. Use ns shown on TM656 and ns footing length.	Standard Drawing, wh designed in accordance generally accepted eng principles and practice sole responsibility of t and should not be use first consulting a Regi	of this ile ce with gineering es, is the es, is the the user ed without stered	DATE   07-2020 REPL/A   07-2022 ADD D   07-2022 ADD D	REGON S IC SIGI MAST A GENEI DESI REV CED HUB WITH R AWING TM654, A D DRAWING TM654	regon Stand TANDAR NAL 60 ARM S RAL DE GN CR 2021 VISION DESCRI ECESSED TERMIN ND CHANGED SI 56 BASE REACTION TERMINOR CONTRACT	And Specific D DRA D'THI UPPC TAIL TAIL TER	ADDED AC (CE TO 6' RIFIED	SGH 7







Effective Date: June 1, 2023 - November 30, 2023