SIGNAL STANDARD NOTES:

- VARIABLE/DYNAMIC MESSAGE SIGNS MAY NOT BE INSTALLED ON THESE 1. POLES. BLANK OUT SIGNS MAY BE INSTALLED ON MAST ARM OR VERTICAL POLE.
- 2. POLE ORIENTATION ANGLE IS MEASURED BETWEEN THE STATION OFFSET LINE AND THE CENTER OF THE BASEPLATE FRONT. THE POLE HAND HOLE IS ALWAYS AT THE BACK OF THE BASEPLATE (180° ON THE BASEPLATE).
- 3. B# POSITIONS HAVE TENONS INSTALLED AT POSITIONS SHOWN IN CHART UNLESS TYPE N MOUNT REQUIRED.
- 4. B# POSITIONS REQUIRING TYPE N MOUNTS AND ALL OTHER MAST ARM WIRED DEVICES SHALL HAVE MAST ARM FIELD DRILLED AND PLASTIC SPLIT BUSHING INSTALLED FOR CABLE ENTRANCE.
- 5. S#, SN, AND SP POSITIONS SHALL HAVE SIGNS FIELD INSTALLED. SIGN SIZES SHALL NOT EXCEED THE MAXIMUM VALUES LISTED FOR EACH POSITION.
- 6. SIGN SN SHALL BE 1'-0" MIN. TO 2'-6" MAX. FROM POLE CENTERLINE TO SIGN EDGE.
- SIGN SP SHALL BE A MINIMUM OF 2'-0" FROM THE EDGE OF THE SIGN 7. TO THE FACE OF CURB OR EDGE OF SHOULDER.
- 8. FACE OF POLE SHALL BE A MINIMUM OF THE REQUIRED DEFLECTION DISTANCE SHOWN IN DESIGN MANUAL EXHIBIT 1610-3 FROM THE APPLICABLE BARRIER - OR 2'- 0" FROM FACE OF CURB, EDGE OF SHOULDER, OR BACK OF BARRIER - WHICHEVER IS LONGER.
- 9. PEDESTRIAN PUSHBUTTONS SHALL BE INSTALLED AT 3'-6" FROM SURFACE OF SIDEWALK TO CENTER OF CIRCULAR PUSHBUTTON (NOT THE HOUSING)
- 10. WHERE TYPE E PEDESTRAIN SIGNAL DISPLAY MOUNTS ARE REQUIRED, AND AN 8-SIDED POLE IS PROVIDED, TYPE A OR B MOUNTS SHALL BE USED INSTEAD.
- 11. SEE STANDARD PLAN J-20.01 FOR REQUIRED POLE ID TAGS.

		STANDARD PLAN REFERENCES										
ST		POLE	FOUNDAT	ELECTRICAL								
			CURB									
DDD	FIXED	J-20.10	J-20.10		J-20.10							
РРВ	BREAKAWAY	J-20.15	J-20.15	0.1	J-20.15							
	PS	J-20.16	J-21.10	-7	J-20.20							
		J-21.15	J-21.10		J-21.20							
II,	, III, SD	N/A	J-26.10, J-26.15	N/A	N/A							



LOC.

STANDARD STANDARD

	B1	I	32			В	3	B4
MAST ARM EQUIPMENT	S1	-	S2		-	-	S3	S4
B# VEHICLE DISPLAY	X1		-	X2			X3	
S# MAST ARM SIGN								
SN MAST ARM STREET NAME SIGN								
X# PRE-EMPT, VIDEO, OR RADAR DETECTOR								
				_				
F E	31 = S1 = B2	S2 -) `	X2				
NON-WINDLOAD DEVICES					B3	S3	B	
							X3	
X1 IK VID. DET. 00.0 X2 EVP DET. 00.0								N(
X3 RADAR DET. 00.0	MAXIMUM SIGN SIZES	_						
	SIGN HEIGHT WIDTH AREA S# 3.0 FT N/A 7.5 SQ. FT. SN 3.0 FT N/A 36.0 SQ. FT.	-						E MAST ARM Z (ft ³)
	SP N/A 3.0 FT 15.0 SQ. FT.						LENGTH (L	"XYZ (ft ³)
3							6'	19.8
			NANCL	MA	X.		8'	26.4
	HORIZONTAL DISTANCE	ALL	40'	45'	50'	53' - 180'	10	39.6
	3 SECTION 12"	16.5'	17.5'	19.2'	20.9'	22.0'	14'	46.2
	5 SECTION CLUSTER 12"						16'	52.8
	4 SECTION 12"	16.5'	17.0'	18.0'	19.7'	20.8'		
6	5 SECTION 12"	16.5'	17.0'	17.5'	18.5'	19.6'		
	MEASURED FROM BOTTOM OF S	SIGNAL H	IEAD H	OUSING	TO R	OADWAY	ELE TOP OF	EVATION IS TO _ F FOUNDATION
				ROADWA	AY .	С	URB OR EDGE	OF SHOULDER -

LIMITS OF VERTICAL CLEARANCE

TYPE II, III, AND SD SIGNAL STANDARD

(DOUBLE ARM POLES WITH ARMS AT 90° ARE CONSIDERED TYPE II OR TYPE III. DOUBLE ARM POLES WITH ARMS AT OTHER THAN 90° ARE CONSIDERED TYPE SD.)

																						SIG	NAL	- 51		JARI	ט כ			HARI								
STD.		SR								MOU	INTING		SIGNAL MAST ARM DATA										CALCULATED	ULATED POLE ATT			IENT F	OINT		, N								
No.	SR #	MILE		FIELD	LUCAI					HEIG	HT (FT)	0	FFSETS	S (FT)	(Z) (PO	LE မြ T	TTA C	ACHME	NT PO	NT)			WIND	DLOAD	AREA	\S (FT	²) (X)(Y)			(FT)	XYZ (FT ³)	Φ	ANGL	ES (D	EGRE	ES)	DESIGN	 F
<u>(</u> #)		F031	STATION	OFFSE	T LT.	RT.E		P.O.A	-	A1	A2	B1	S1	B2	S2	B3	S 3	B4	S4	SN	B1	S1	B2	S2	B3	S3	B4	S4	SN	С	**	D	E1	E2	F	G	X12 (F1)	_
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IF	NO	ELEVATI	ON SHOW	VN, ELE	EVAT	ION	N SH	ALL	MATCI	н тс	DP O	F SI	DEW	ALK	OR I	ROAD) SH	OULE	DER	AS A	\PPL	ICABI	_E.													THE	SIGNA	١L
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