PREREQUISITES FOR ABOVEGROUND INSPECTION

CHECKLIST TO BE COMPLETED AND SUBMITTED PRIOR TO REQUESTING SIGNAL INSPECTION

INTERSECTION	CONTRACTOR REPRESENTATIVE		
PROJECT ID	CITY REPRESENTATIVE		
CONTR		CITY	
CONTR		CITY	CORARAENIT
YES NO	CENEDAL	YES NO	COMMENT
	GENERAL		
	Are the materials stored appropriately at the job site? LED modules facing down?	<u> </u>	
	Are all pipe and bolt threads coated with a heavy coating of an approved anti - sieze?		
	Are bushings used in all rigid metallic conduit and end bells on non-metallic conduit?		
	Have the sonotubes been removed from the base foundation?		
	POLES AND STANDARDS		
	Are the signal pedestal/breakaway bases level on the concrete base?		
	Are pole caps installed to keep water and snow out of the poles and standards?	- - - - - - - - - - 	
	Is the pole, which holds the arm, of a proper length and type?	- - - - - - - - - - 	
	Is the arm of a proper length?	 	
	Are the standard poles tightly screwed to the pedestal bases?	-	
	Are any poles/standards installed too close to overhead high voltage wires?	-	
	Have form DT2321 and DT2322 for each structure been submitted to City project personnel?	-	
	Are tightening of anchor bolt nuts and connection hardware performed per recommended procedure?	 	
	Have the monotube structures been inspected?	- -	
	Thave the monotube structures been inspected:		
	CABLE & WIRING		
	Is the specified underground multi-conductor cable used?		
	Is the traffic signal cable routed and identified on each end per plan?		
	Is the field wiring done in accordance with the plans?		
	Are the necessary metallic pull boxes grounded?		
	Is there 10' extra traffic signal cable in each pull box? (Measured 3' above the top of the pull box.)		
	Is the EVP cable identified with the associated plan designation at both ends?		
	Are spare conductors secured?		
	Are spliced conductors fully insulated?		
	Is 18" of signal cable left in the base to connect the feeder conductors to the signal head connectors?		

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CONTR		CITY	
YES NO		YES NO	COMMENT
	SIGNAL HEADS/LUMINAIRES		
\vdash	Are the signal head lens configurations in accordance with the signal plan and MUTCD?		
	Are the signal heads mounted on the arm tight enough so it doesn't tilt after it is mounted?		
	Are the signal heads aimed for the best visibility?		
	Are signal heads mounted in a plumb or level manner as required?		
	Are signal and pedestrian heads mounted with proper clearance above ground level?		
	Are overhead signal heads mounted at the proper height?		
	Are all signal head mounted brackets tight and plumb?		
	Are the signal head lenses mounted in their face bodies in accordance with manufacture's specs?		
	Is the LED module orientation arrow in the proper direction?		
	Are pedestrian push buttons mounted in the proper location and accessible from sidewalk?		
	Are the luminaires arms in accordance with the plan?		
	Are the luminaires level?		
	Are the street light fuse holders at proper polarity?		
	Are excess cable loops secured with tie wraps? (Tape is not allowed.)		
	Is the luminaire cable looped onto a hook?		
	EVP AND NON-INTRUSIVE DETECTION (VIDEO)		
	Is the location of the units in accordance with the plans?		
	Are any variances in plan approved by Engineer?		
	Has the location for EVP heads been approved by the City?		
	Is the proper cable used as stated in the specifications?		
	Is the appropriate mounting brackets used as stated in the plans and specification?		
	Are the units aimed properly?		
	Is the drip loop provided where needed? And secured with UV resistant tie wraps?		
	Are camera splices joining using a soldering iron? (Torches are not allowed.)		
	Was the heat shrink insulation heated with a heat gun? (Torches are not allowed.)		
	Are the camera lenses clean?		
	Are the cables properly labled in the cabinet and pole?		