



Chandler · Arizona
Where Values Make The Difference

Civil Engineering Traffic Signal Plan Review Checklist

Log No: _____

C.I.P. No: _____

Project:	
Location:	

Item Number Proofing Marks	
/	Requirement satisfied.
O	Requirement not satisfied.
?	Unable to determine status, more information is required.
X	Not applicable.

Review #	Reviewed By	Date
1		
2		
3		
4		
5		

The requirements referred to on the checklist can be found in the City's *Technical Design Manual 5 – Traffic Signal Design*.

Item	Requirement	Comments
1.	The following current City standard notes must be shown or corrected on the cover sheet: A. General Notes. B. Signing and Striping Notes.	

Item	Requirement	Comments
2.	<p>Provide a legend on the cover or detail sheet identifying the symbols used for the following items:</p> <ul style="list-style-type: none"> A. Conduit run designation - see conductor schedule on sheet _____. B. Cabinet/pole designation - see pole schedule on sheet _____. C. #7 Junction box with extension. D. #7 Junction box. E. #5 Junction box. F. #9 Junction box. <p>(Show symbol for each item. Additional items may be required based upon complexity and clarity of plan data).</p>	
3.	<p>Your traffic signal and/or appurtenances are located outside of public right-of-way as shown.</p> <ul style="list-style-type: none"> A. Relocate signal to inside of public right-of-way, minimum of 5.5 feet from the back of curb. B. Provide public utility easement. See the following item for requirements. 	
4.	<p>An easement or right-of-way dedication is required by separate instrument. Please provide the following exhibits and information along with the easement document prior to obtaining the owner(s) signature:</p> <ul style="list-style-type: none"> A. Project name. B. Type of easement/R.O.W. C. Reason or purpose of the easement/R.O.W. D. Vicinity map showing major cross streets. E. Legal description with R.L.S. certification, labeled "Exhibit A" F. Detail map as an exhibit showing the easement/R.O.W. alignment with dimensions and bearings, true point of beginning, section, township and range, labeled "Exhibit B". G. Standard owners policy preliminary title report no older than 60 days. <p>The City's Real Estate Division will review and record the deeds.</p>	

Item	Requirement	Comments
	<p>5. The following information is required for each existing and/or proposed street within and adjacent to your traffic signal location:</p> <ul style="list-style-type: none"> A. Name. B. Right-of-way width. C. Improved width of street, typically back-of-curb to back-of-curb dimensions. <p>6. The following existing and proposed items must be shown on the plans, with dimensional ties to proposed signal apparatus in areas of potential conflicts:</p> <ul style="list-style-type: none"> A. Fire hydrants. B. Domestic/irrigation/reclaimed water lines, meters and valves. C. Electrical/telephone/CATV/lines/vaults, boxes, transformers. D. Power poles and overhead lines. E. Sanitary sewer lines/manholes/cleanouts. F. Street lights. G. Curb/gutter/sidewalk. H. Sidewalk ramp. I. Traffic signs. J. Public utility easements. K. Bus bay/right turn bays. L. Other items as noted. <p>7. Provide location of each signal pole base \pm by station and offset based off the centerline of one of the intersection streets.</p> <p>8. Coordinate traffic signal plan with the engineer preparing other offsite improvement plans.</p>	

Prior checklists and plans are required for subsequent submittals.

City Use Only	
1. Street Supervisor review?	
2. Traffic Engineer review?	