

**MAG TRAFFIC SIGNAL OPTIMIZATION PROGRAM
PROJECT SCOPE OF WORK**

Agency Name	City of Phoenix	
Project Title	Central Phoenix Traffic Network Model	
Project Goal	To develop a traffic network model of the busy central streets in Phoenix	
Project Description	The objective of the project will be to develop a traffic network model in Synchro to include all arterial-arterial signalized intersections within the study area of Northern Avenue to Mc Dowell Road between 27 th Avenue and 32 nd Street.	
Please answer the following questions:		
a. Is this a multi-jurisdictional project? (YES/NO)		NO
If "Yes", please list participating MAG member agencies.		
a.		c.
b.		d.
b. Please list signalized intersections addressed by the project.		
c. Northern Ave & 27 th Ave d. Northern Ave & 19 th Ave e. Northern Ave & 7 th Ave f. Northern Ave & Central Ave g. Northern Ave & 7 th St h. Northern Ave & 16 th St i. Northern Ave & 24 th St j. Northern Ave & 32 nd St k. Glendale Ave & 27 th Ave l. Glendale Ave & 19 th Ave m. Glendale Ave & 7 th Ave		

- n. Glendale Ave & Central Ave
- o. Glendale Ave & 7th St
- p. Glendale Ave & 16th St
- q. Glendale Ave & 24th St
- r. Glendale Ave & 32nd St
- s. Bethany Home Rd & 27th Ave
- t. Bethany Home Rd & 19th Ave
- u. Bethany Home Rd & 7th Ave
- v. Bethany Home Rd & Central Ave
- w. Bethany Home Rd & 7th St
- x. Bethany Home Rd & 16th St
- y. Bethany Home Rd & 24th St
- z. Bethany Home Rd & 32nd St
- aa. Camelback Rd & 27th Ave
- bb. Camelback Rd & 19th Ave
- cc. Camelback Rd & 7th Ave
- dd. Camelback Rd & Central Ave
- ee. Camelback Rd & 7th St
- ff. Camelback Rd & 16th St
- gg. Camelback Rd & 24th St
- hh. Camelback Rd & 32nd St
- ii. Indian School Rd & 27th Ave
- jj. Indian School Rd & 19th Ave
- kk. Indian School Rd & 7th Ave
- ll. Indian School Rd & Central Ave
- mm. Indian School Rd & 7th St
- nn. Indian School Rd & 16th St
- oo. Indian School & 24th St
- pp. Indian School & 32nd St
- qq. Thomas Rd & 27th Ave
- rr. Thomas Rd & 19th Ave
- ss. Thomas Rd & 7th Ave
- tt. Thomas Rd & Central Ave
- uu. Thomas Rd & 7th St
- vv. Thomas Rd & 16th St
- ww. Thomas Rd & 24th St
- xx. Thomas Rd & 32nd St
- yy. McDowell Rd & 27th Ave
- zz. McDowell Rd & 19th Ave
- aaa. McDowell Rd & 7th Ave
- bbb. McDowell Rd & Central Ave

ccc. McDowell Rd & 7 th St	
ddd. McDowell Rd & 16 th St	
eee. McDowell Rd & 24 th St	
fff. McDowell Rd & 32 nd St	
Road/Corridor	Northern Ave, Glendale Ave, Bethany Home Rd, Camelback Rd, Indian School Rd, Thomas Rd & McDowell Rd
From	27 th Ave
To	32 nd St
Are recent turning movement counts available? (YES/NO)	NO
If “NO”, do you intend to collect the turning movement counts separately ¹ ? (YES/NO)	NO
Existing LOS at the intersections, if available	(Attach information) NA
What signal coordination software do you intend to use?	Synchro
Do you have a licensed copy of this software? (YES/NO)	YES but only version 6
Is this corridor presently coordinated? (YES/NO)	NA
If “YES”, what type of coordination? <ul style="list-style-type: none"> • Time-Based Coordination _____ • Central System Control _____ If “NO”, when was this corridor last retimed?	
Does your agency have in-house staff resources and expertise available for the design of signal timing? (YES/NO)	YES
Estimated cost of project?	\$25, 000
Estimated project duration?	6 months
Project Manager	
Name:	Marshall Riegel P.E.
Title:	Traffic Engineer III
E-mail:	Marshall.Riegel@phoenix.gov
Phone:	602-534-5351
Is the Project Manager responsible for implementing and updating traffic signal timing in the future? (YES/NO)	NO
If answer to Q11 is “NO”, please identify the appropriate individual	
Name:	Mike Cynecki
Title:	Traffic Engineering Supervisor
City:	Phoenix

¹ The project may include the cost of collecting required traffic data. Please note that a limit of \$25,000 per project is in effect. Member agencies are advised to use other funding resources, if available, to gather traffic data.

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Phone:	602-262-4690
<i>If there are any questions, please contact:</i>	
<i>Sarath Joshua, ITS & Safety Program Manager, MAG at (602) 452-5031</i>	