TO: Mayor and City Council
FROM: James B. Giottonini, Director
Public Works Department
SUBJECT: AMEND THE “STOP CONTROLLED INTERSECTION SCHEDULE” TO INCLUDE FOUR-WAY STOP CONTROL AT MOKELOMNE CIRCLE AND SCOTT CREEK DRIVE (WEST)

RECOMMENDATION

It is recommended that the City Council adopt a resolution amending the "Stop Controlled Intersection Schedule," pursuant to the Stockton Municipal Code sections 10-011.2 and 10-011.3, to include Mokelumne Circle and Scott Creek Drive (West) as a four-way stop controlled intersection.

Summary

Public Works Department staff is recommending the installation of stop sign control on the northbound and southbound approaches of Mokelumne Circle at the existing stop control at Scott Creek Drive (West) to create a four-way stop controlled intersection. Based on the prevailing traffic operating conditions involving traffic and pedestrian volume, this intersection meets warrants for the installation of four-way stop controls.

DISCUSSION

Background

The City installs stop controls to assign right-of-way and help promote orderly traffic flow. To install stop signs at an intersection in Stockton, the intersection must be included either in the “Stop Controlled Intersection Schedule” or the “Through Street Schedule.” The Public Works Department maintains both of these schedules.

Staff uses an evaluation system adopted by the State of California, Department of Transportation (Caltrans), to determine the need for traffic control devices. This system establishes warrants, which are simply measures of need for each type of traffic control device.

Present Situation

There have been concerns raised by citizens related to vehicle safety at the subject intersection. Staff conducted a study of the existing traffic conditions at this location. This study included the evaluation of warrants for the installation of stop signs in the northbound and southbound directions of traffic at this intersection to supplement the existing stop control in the westbound and eastbound directions. The attached map (Exhibit A) depicts the location of the subject intersection.

Mokelumne Circle is a north/south street at its westerly intersection with Scott Creek Drive.
AMEND THE "STOP CONTROLLED INTERSECTION SCHEDULE" TO INCLUDE
FOUR-WAY STOP CONTROL AT MOKELEUMNE CIRCLE AND SCOTT CREEK DRIVE
(WEST)

and provides access to residential subdivisions between Eight Mile Road and its easterly
intersection with Scott Creek Drive. The existing speed limit on Mokelumne Circle is radar
enforceable 35 mph and has a 52-foot curb to curb width south of Scott Creek Drive.

Scott Creek Drive is an east/west street which connects Regatta Lane on the west with
Trinity Parkway on the east. The existing speed limit on Scott Creek Drive is a radar
enforceable 35 mph.

The Mokelumne Circle / Scott Creek Drive (West) intersection is on a school-aged
pedestrian route to the Manilo Silva Elementary School located west of Mokelumne Circle
at Regatta Lane and Scott Creek Drive. The installation of a traffic signal at the subject
intersection is required as part of the Spanos Park West and West Lake developments.
The City will move forward in requesting the improvements for traffic signals be installed as
required in the subdivision agreements.

Staff recommends the installation of stop signs in the northbound and southbound
directions on Mokelumne Circle at Scott Creek Drive (West) to create a four-way stop
controlled intersection until traffic signals are installed. The prevailing traffic operating
conditions at this intersection meet established warrants to consider the installation of
four-way stop controls. The appropriate action would be to adopt the resolution amending
the Stockton Municipal Code's "Stop Controlled Intersection Schedule" as follows:

INTERSECTION

Add to Section M:

MOKELEUMNE CIRCLE / SCOTT CREEK DRIVE (WEST)

FINANCIAL SUMMARY

There is no financial impact to the City's General Fund.

PREPARED BY:  Robin Suess, Engineering Technician

Respectfully submitted,

JAMES B. GIOTTONINI
PUBLIC WORKS DIRECTOR
GT/RS:nla

APPROVED BY

J. GORDON PALMER, JR.
CITY MANAGER
AMEND "STOP CONTROLLED INTERSECTION SCHEDULE" TO ADD MOKELOMNE CIRCLE / SCOTT CREEK DRIVE (WEST) – 4-WAY STOP
Resolution No. ____________

STOCKTON CITY COUNCIL

RESOLUTION AMENDING THE STOCKTON MUNICIPAL CODE'S "STOP CONTROLLED INTERSECTION SCHEDULE" TO INCLUDE FOUR-WAY STOP CONTROLS AT MOKELOMNE CIRCLE AND SCOTT CREEK DRIVE (WEST)

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF STOCKTON, AS FOLLOWS:

1. The certain "STOP CONTROLLED INTERSECTION SCHEDULE" adopted by this City Council by Resolution No. 85-0065 on January 28, 1985, pursuant to Stockton Municipal Code sections 10-011.2 and 10-011.3 and California Vehicle Code section 21354 is hereby amended as follows:

(a) The following named intersection is hereby designated a "STOP CONTROLLED INTERSECTION" and stop signs shall control the approaches of the underlined streets:

SECTION M:

Add: MOKELOMNE CIRCLE/SCOTT CREEK DRIVE (WEST) 4-Way stop

2. Said amendment is set forth in Exhibit "A" attached hereto and made a part hereof.

PASSED, APPROVED, and ADOPTED ____________________________

ATTEST: EDWARD J. CHAVEZ
Mayor of the City of Stockton

KATHERINE GONG MEISSNER
City Clerk of the City of Stockton

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City Atty: Review ____________________________ Date October 21, 2008

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STOP CONTROLLED INTERSECTION SCHEDULE

MISSION ROAD/TELEGRAPH AVENUE (City/County) 3-Way
MOKELOMNE CIRCLE/SCOTT CREEK DRIVE 4-Way
MONROE STREET/Mosswood Avenue 2-Way
MONROE STREET/Poplar Street 2-Way
MONROE STREET/Rose Street 2-Way
MONROE STREET/Seventh Street 2-Way
Monroe Street/VINE STREET 2-Way
MONROE STREET/Willow Street 2-Way
Monroe Street/WORTH STREET 2-Way
Monterey Avenue/SAN JOAQUIN STREET 2-Way
MONTAUBAN AVENUE/BARBADOS CIRCLE-LORRAINE AVENUE 4-Way
MONTEREY AVENUE/Sutter Street 2-Way
MONTICELLO DRIVE/Yarmouth Drive 1-Way
MORADA LANE/MORADA COURT C 3-Way
Mosswood Avenue/VAN BUREN STREET 1-Way
MOTOR MOVIE ACCESS ROAD/West Lane Frontage Road 1-Way