

AUTOMATED QUEUE WARNING - 2000

AUTOMATED QUEUE WARNING SYSTEM

EQUIPMENT * 1 Intelligent Arrow Board (I-AB)

* 2 Intelligent PCMS (I-PCMS)

SYSTEM * Web-Based Remote Queue Warning Server

Intelligent Arrow Board (I-AB) =
Arrow Board w/Doppler & Modem

SYSTEM LOGIC:

APPROACH SPEEDS AT I-AB & I-PCMS 1

SLOW TRAFFIC: Avg Speeds 20-40 mph

- SLOW TRAFFIC AHEAD - PREPARE TO STOP

STOPPED TRAFFIC: Avg Speeds < 20 mph

- STOPPED TRAFFIC AHEAD-PREPARE TO STOP

APPROACH SPEEDS AT I-PCMS 1

FREE FLOW: Avg Speeds >40 mph

- Display "YOUR SPEED XX MPH" on I-PCMS-2

APPROACH SPEEDS AT I-PCMS 2

SLOW TRAFFIC: Avg Speeds <40 mph

- Send eAlert via SMS or Email to Proj Personnel
- Consider moving PCMS further upstream
- Consider adding more Intelligent PCMS upstream (spaced at 0.5 to 1.0 miles)

NOTES:

- Only use on roads with 3 or fewer lanes per direction. For wider roadways, place I-PCMS's in pairs on inside shoulder at each location.
- Hang MUTCD R2-1 (24x36) from bottom left of I-PCMS 1 corresponding to the posted speeds or WZ speed limit.

1.0 Mile +/-

1.0 Mile +/-

I-PCMS 1

I-PCMS 2 = PCMS
w/Doppler & Modem



VER-MAC

JAMLOGIC DIVISION