



 **Signalized Intersection**

 **Traffic Volume Count Location**

- 9** Light on D St. tends to back up right turning cars from westbound Massachusetts to northbound 3rd , into the middle of the intersection of Mass Ave.
- 10** Pedestrian observed crossing parallel to Mass on north side of street, where no crosswalk exist. Unsafe condition for pedestrians.
- 11** Crosswalk for pedestrian on 3rd Street crossing Mass is not ADA compliant on west side of 3rd Street. The existing median lacks ramps.
- 12** No stop bar for southbound 3rd Street traffic turning right onto D St. Unclear where traffic should stop before crossing Mass or turning right onto Massachusetts.
- 13** Conflict between northbound 3rd Street traffic turning left and southbound 3rd Street traffic turning right (via D St). And, D St on west side of Massachussets is very narrow with two-way traffic and parking on both sides and creates conflicts when westbound traffic is not able to enter street.
- 14** No stop bar on westbound Massachusetts at D Street, traffic observed running light or stopping in the middle of the intersection.

Figure 7-3

**Potential Transportation Problems
3rd Street / D Street /
Massachusetts Ave NE**



0 60 120 Feet

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9 Signalized Intersection

22 Traffic Volume Count Location

9 No "Right Turn on Red" regulation could be added for westbound Mass Ave. movements accompanied with a "permitted" green right turn phase, requiring proper synchronizing of signal phases.

10 1) Add signage directing pedestrians to cross at designated crosswalks. 2) Install ladder-style crosswalk as appropriate to all locations, in particular parallel to the south side of D St. to the new curb extension and extend pedestrian cycle length to allow safe crossing. Add ADA ramps where appropriate.

11 Install ADA ramp at median island.

12 Paint a single, distinct stop bar to at the far side of 3rd St. and D St., signifying the safe intersection stopping location.

13a Adjust signal timing to eliminate conflict..

13b 1) Extend curb and sidewalk at north side of Mass and 3rd Street to effectively close D street to through traffic. 2) Reconfigure WB Mass Ave. to avoid conflicts with traffic turning left to D Street. 3) Remove parking for approximately 50 feet along D Street west of Massachusetts and 3rd Street south of Massachusetts. Restripe/ repaint lane markings.

14 Paint a single, distinct stop bar to signify the safe intersection stopping location. Apply where necessary throughout this intersection.

Priority Short Term Improvements (Green)

Short Term Improvements (Yellow)

Medium Term Improvements (Orange)

Long Term Improvements (Red)

Time frame to be determined (White)

Figure 7-4

Recommended Improvements

3rd Street / D Street / Massachusetts Ave NE




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