

PHASE 2 – FEASIBILITY ANALYSIS CONANT STREET

Conant Street has a number of challenges that must be addressed to successfully rehabilitate roadway including;

- The entire length of the roadway has alligator cracking (see photos).
- Pothole repair patches are numerous.
- Gas trench runs from top of street down to number seventy Conant (photos)
- Eliminate water build-up at intersection of Sullivan Street
- Address handicap accessibility issues at both 54 and 60 Conant Street (photos)*
- Roadway shoulders are in poor condition
- There is not any formal curbing or sidewalks on the street.

The following corrective actions are suggested;

1. Mill and pave roadway
2. Replace bituminous shoulders with new bituminous shoulders
3. Have D.P.W. flush out the drain line to eliminate blockages
4. Install a new catch basin if necessary

As is the case for Kingman Avenue, Conant Street is a narrow roadway and many of the homes have in-law apartments. Tenants park their vehicles up on the shoulders. If we installed curbing it would create a parking problem.

- The shoulders at both 54 and 60 Conant Street are extremely high and creates a severe side slope towards the roadway. The Americans Disability Act (ADA) mandates that a shoulder or a sidewalk has a four foot right of travel passage for wheelchair accessibility and 2% max. cross slope. To conform to this mandate, major reconstruction of both shoulders would be necessary . It is possible that the retaining walls at both 54 and 60 would have to be rebuilt and additional steps up to the walkways would be required.

Conant Street
(Between Fenley and Malden)

Roadway showing alligator cracking. Condition of gas trench and adjacent roadway typically in worse condition than remainder of roadway.

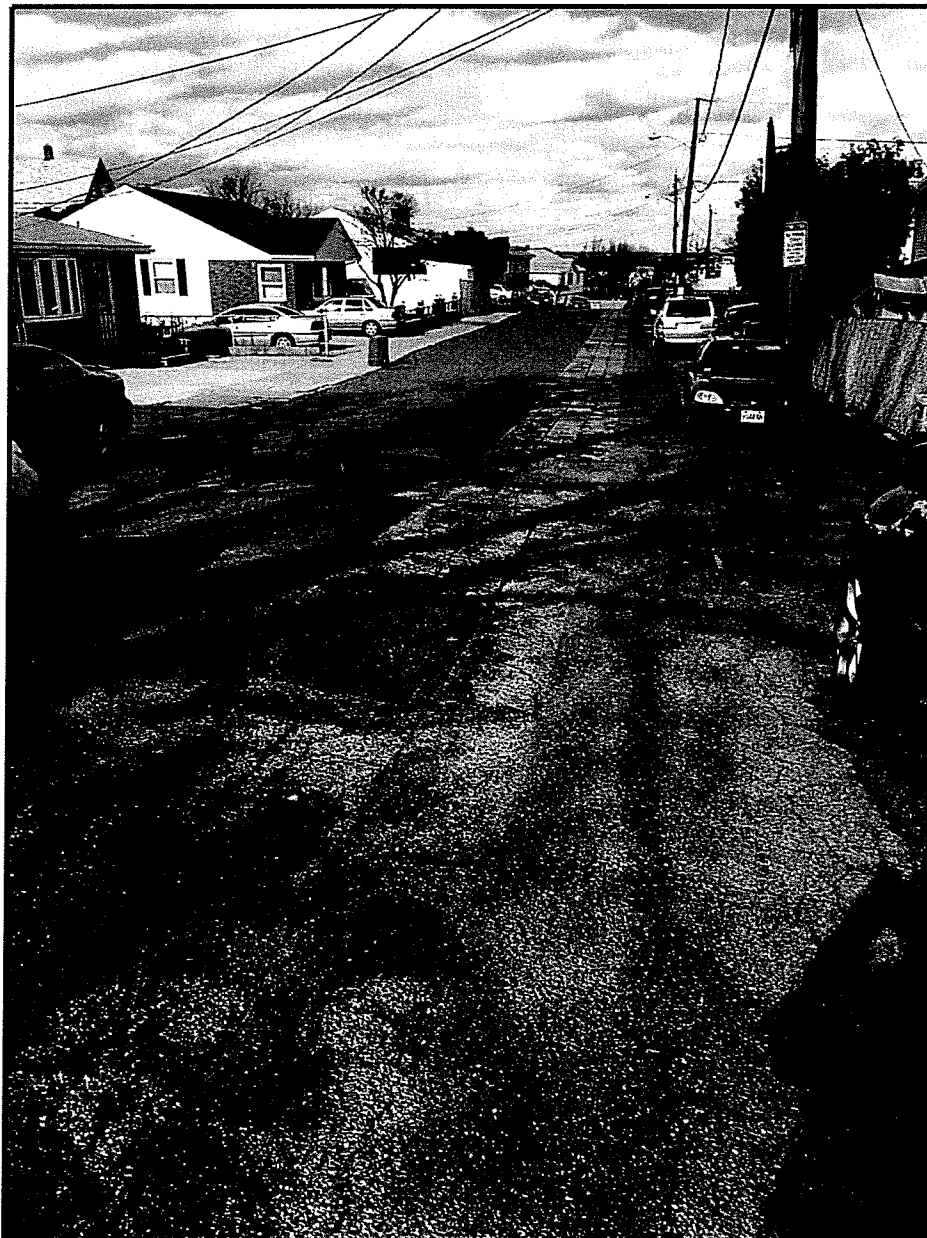
Overall roadway and sidewalks in poor condition. Sidewalks do not meet handicap code in many locations.



Conant Street
(Between Fenley and Malden)

Trench in very poor condition, roadway in poor condition.

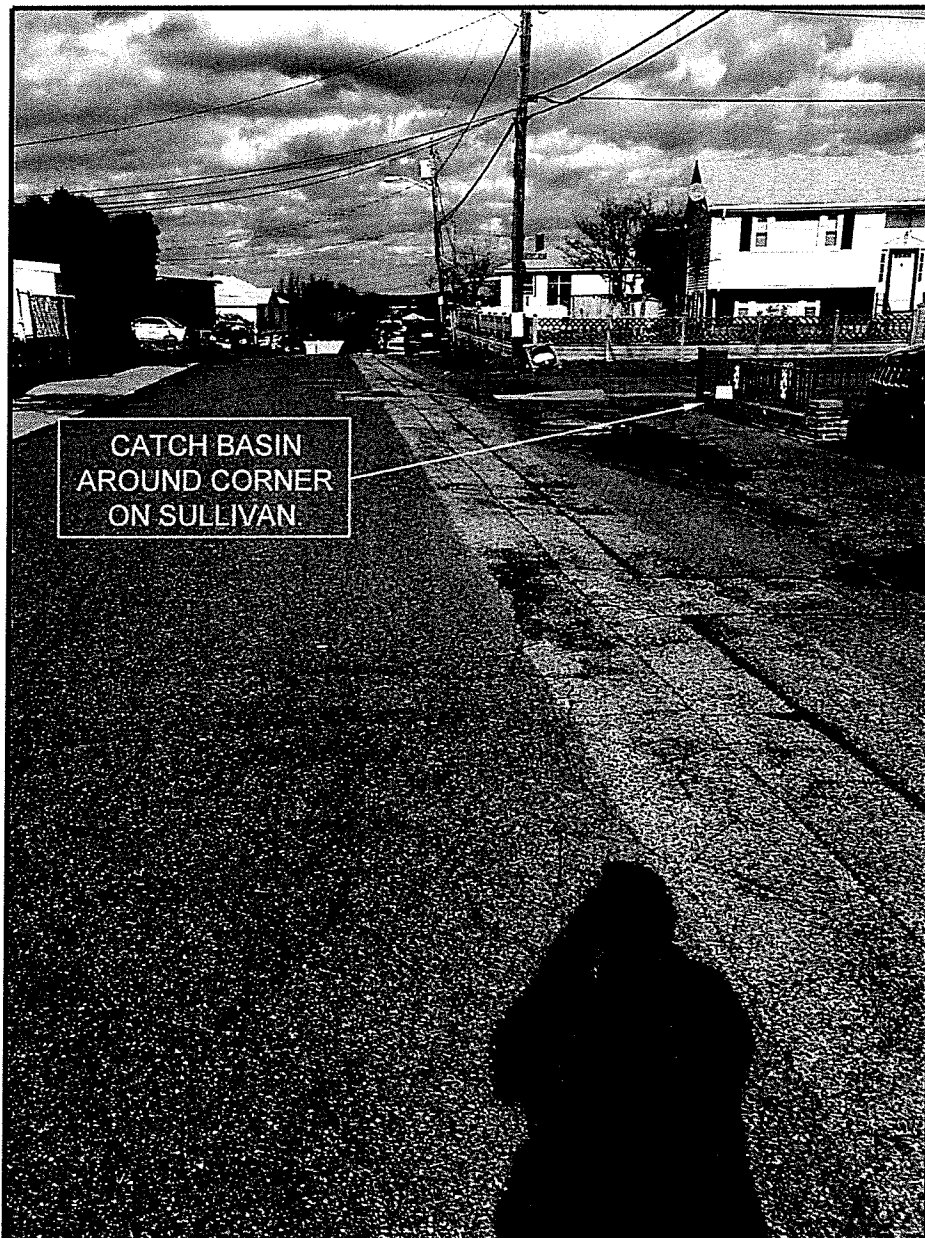
No curbing exists for majority of roadway.
Cars park on asphalt shoulders / sidewalks
along the majority of the street.



Conant Street
(Between Fenley and Malden)

Photo highlighting alligator cracking of the roadway and the very poor condition of the gas trench. Standing water shown just south of Sullivan Street.

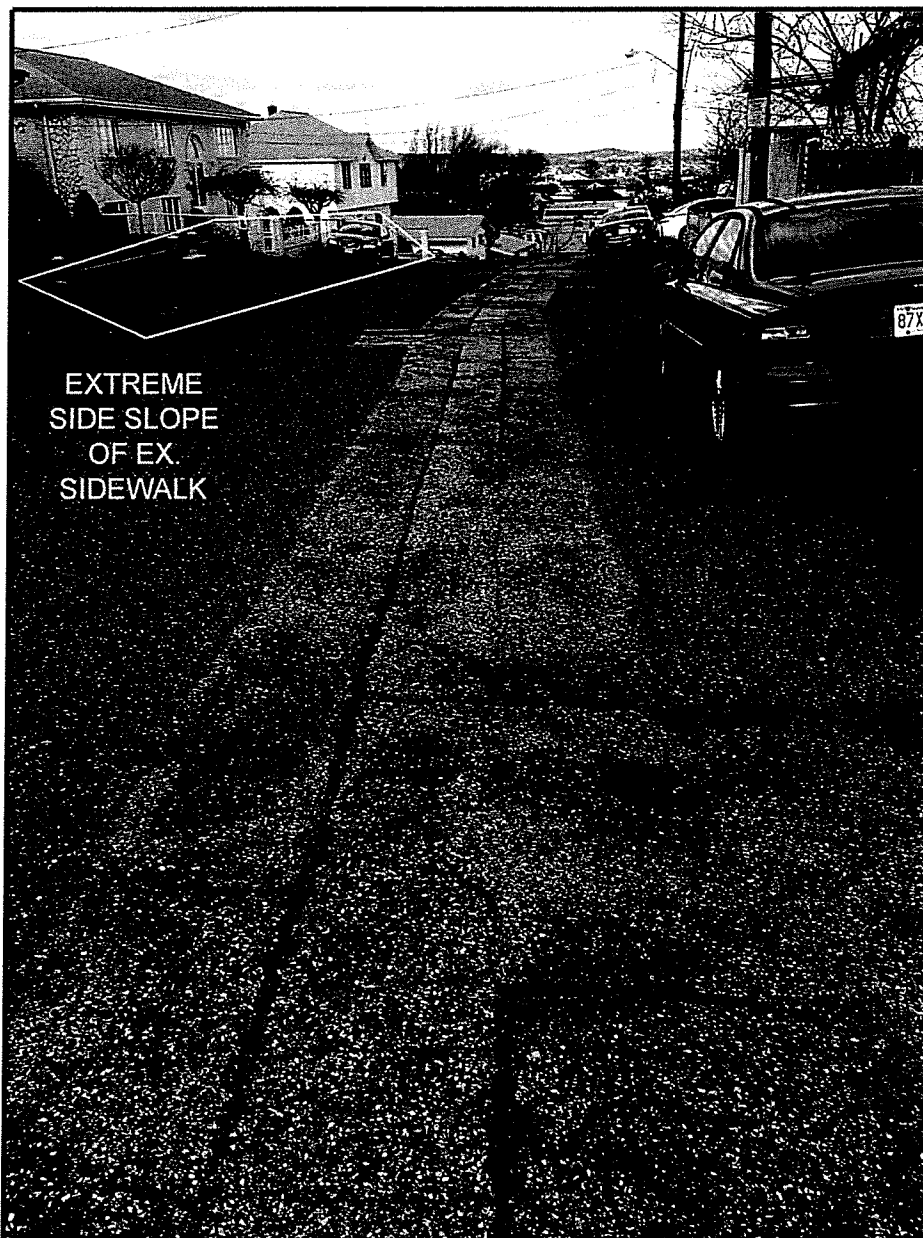
It may be possible to regrade road to get water to the catchbasin on Sullivan. Grades should be investigated.



Conant Street
(Between Fenley and Malden)

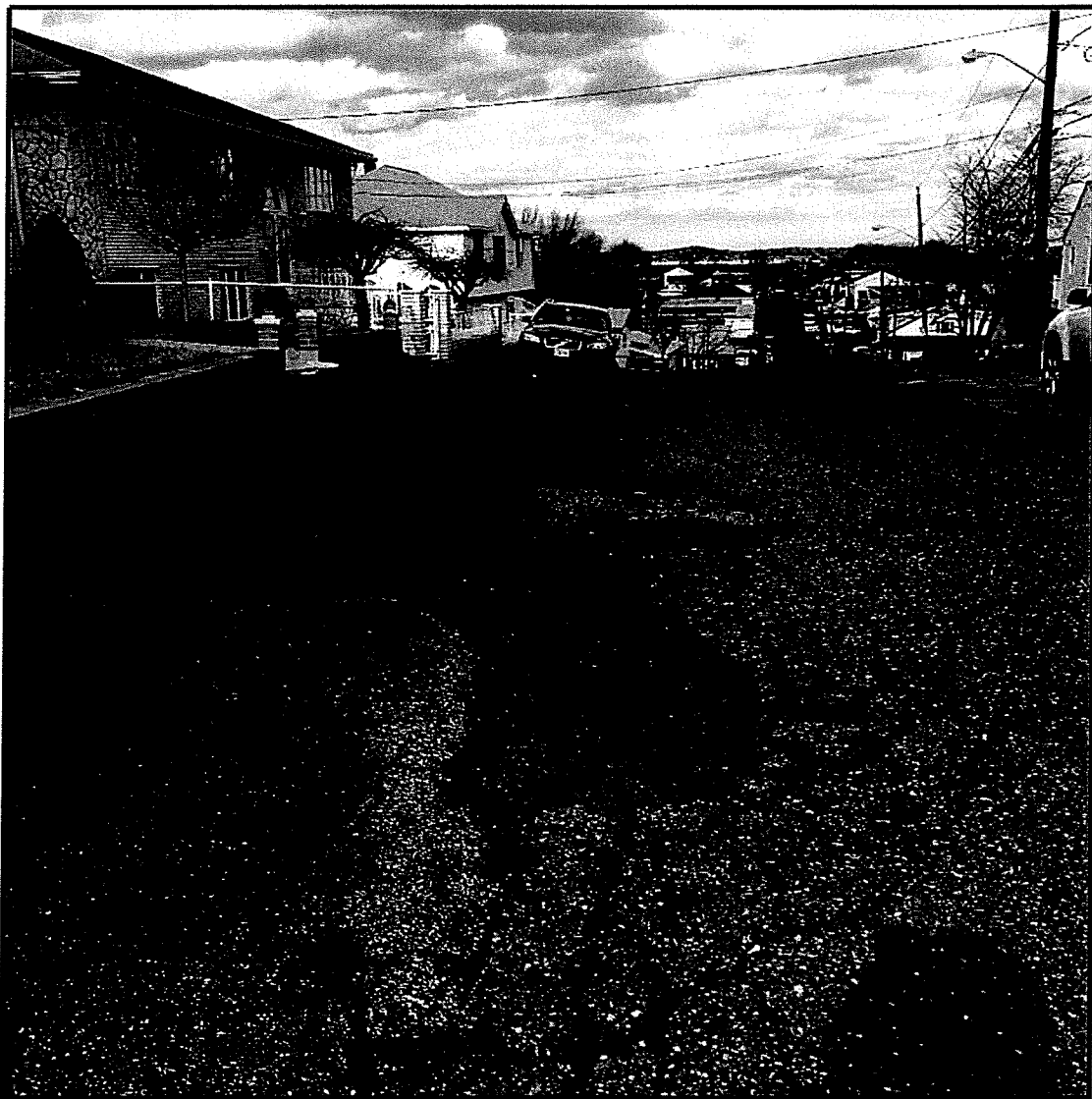
Typical condition of the roadway continues.

Note the extreme side slope of the asphalt shoulders / sidewalks. Lowering the back of sidewalk at the wall shown will create issues related to exposing the portion wall which is now below grade. Could possibly expose the footing thus requiring reconstruction of the wall itself.



Conant Street
(Between Fenley and Malden)

Photo highlighting the extreme side slope of the shoulder / sidewalk. Extensive alligator cracking shown near the gutter.



Conant Street
(Between Fenley and Malden)

Google street view image from 2007.
Gas trench installed prior to 2007.

