

PHASE 1 - FEASIBILITY ANALYSIS

Florence Ave.

(Entire Road)

Florence Ave. had substantial sidewalk reconstruction appx. 5 years ago +/- and new water main installed on the entire length of the Street in 2014. Sidewalk work was completed without resetting the curb at that time. Due to the typical pavement failures on the street combined with the impact to the street caused by the water main installation, the street is in poor to very poor condition. The dead end section of the road south of James Street has mismatched sidewalk materials. Curb reveal on the entire street varies and is almost non-existent in some places. Substantial thickness of existing asphalt was observed during the water main installation and is evident due to the lack of curb reveal, thus the road could support milling and paving without disturbing the roadway base.

Ideally, the street should be reclaimed and all the curbing removed and reset. The decision is going to ultimately dependent on available budget and priority of other streets.

At a minimum, we believe the curbing should be removed and reset and the driveway aprons reconstructed. The remainder of the sidewalk is in good condition and does not need to be reconstructed. The curb work can be completed without disturbing the sidewalks due to the grass strip.

At a minimum, the road should be milled and paved and soft sections of the roadway base be reconstructed by excavation.

Florence Ave.

At dead end looking south

Sidewalks of various materials, curbing reveal minimal. Road showing settlement, transverse and longitudinal cracking and various utility trenches.

Condition Poor

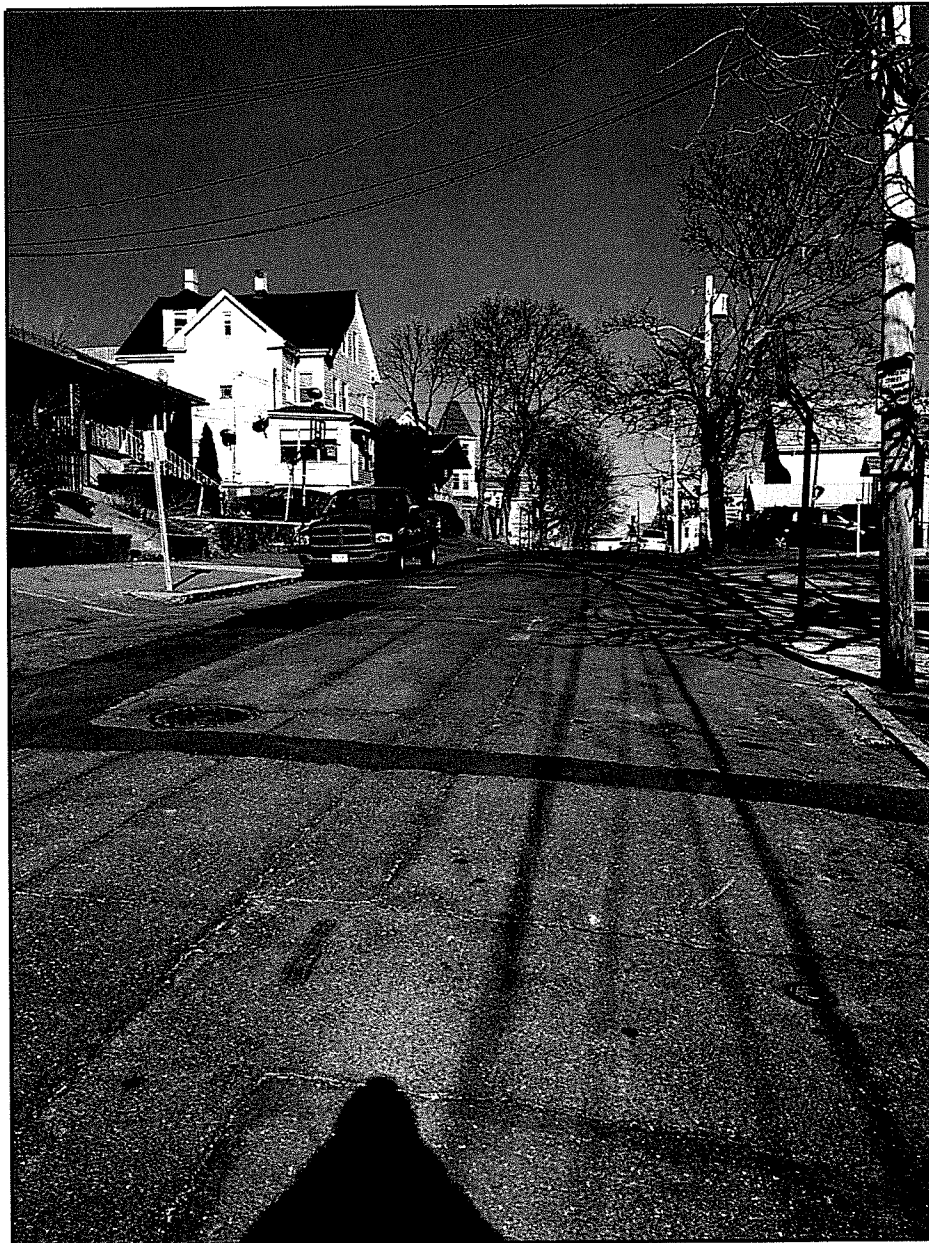


Florence Ave.

Heading north, away from dead end

Note minimal curb reveal on right side and varying sidewalk materials.

Road has multiple utility trenches (water and gas). Cracking not extensive in this photo. Rideability poor.



Florence Ave.

Dead End

Photo shows adequate drainage at the end of the road including catch basins and granite curb.

Other dead ends in this area lack the curbing which directs the water into the drain system.

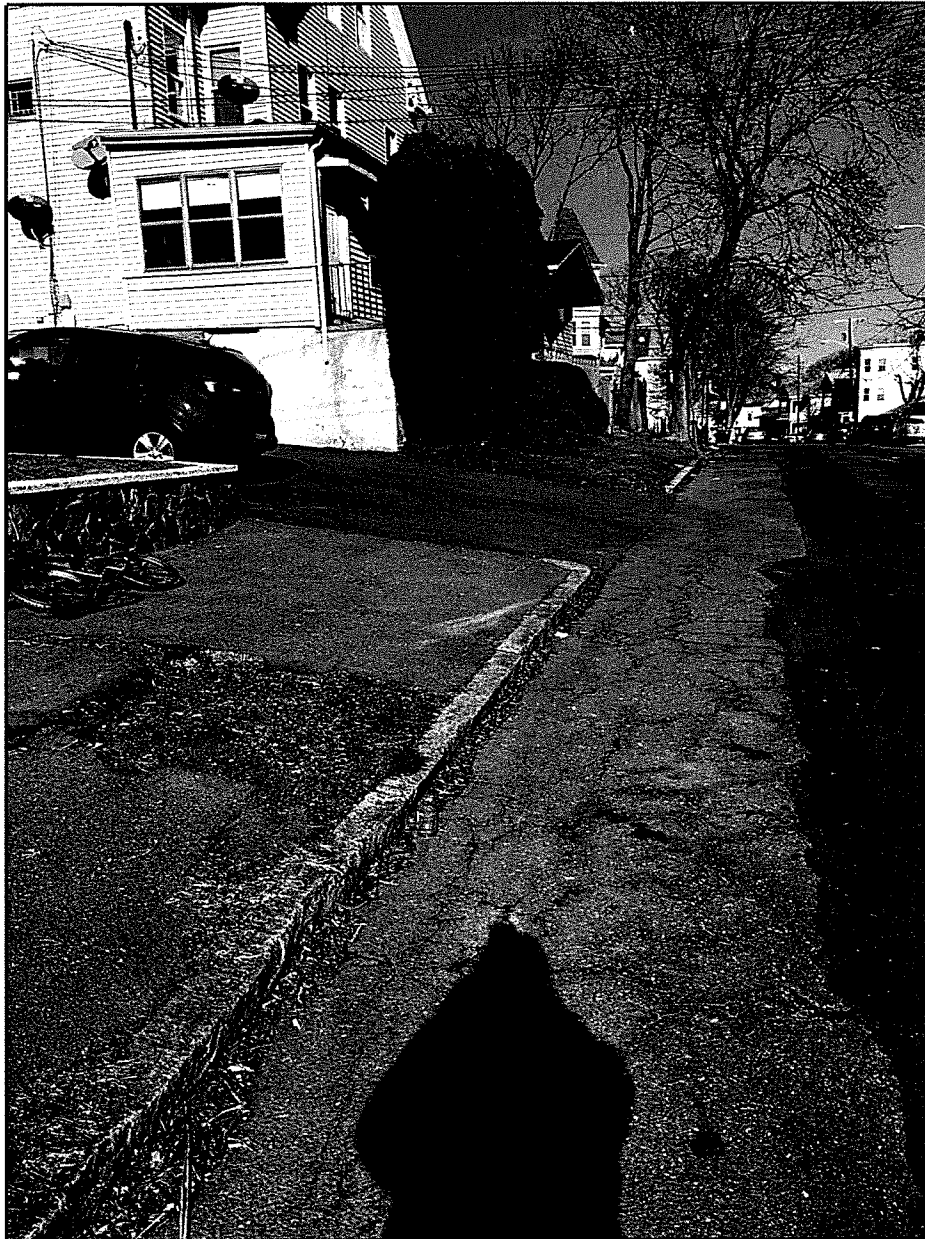


Florence Ave.

Continuing north, towards James St.

Sidewalk shown in poor condition. Old tree pit, roots have heaved sidewalk, cross slope does not meet ADA standards. Note sidewalk does not continue ahead.

Alligator cracking developing as well as edge settlement of the roadway.



Florence Ave.

Heading north towards James, opposite side of the street as the last photo.

Minimal curb reveal and old stump shown.
Sidewalks in good condition, but lack curb reveal.
Inconsistent sidewalk materials.

Roadway has various utility trenches, gas trench shown showing settlement.

Rideability poor, condition somewhat stable.



Florence Ave.

At James Street looking north

Water main replacement patch shown. Patch in good condition. Longitudinal and transverse cracks opening up. Alligator cracking becoming more pronounced.

Condition Poor

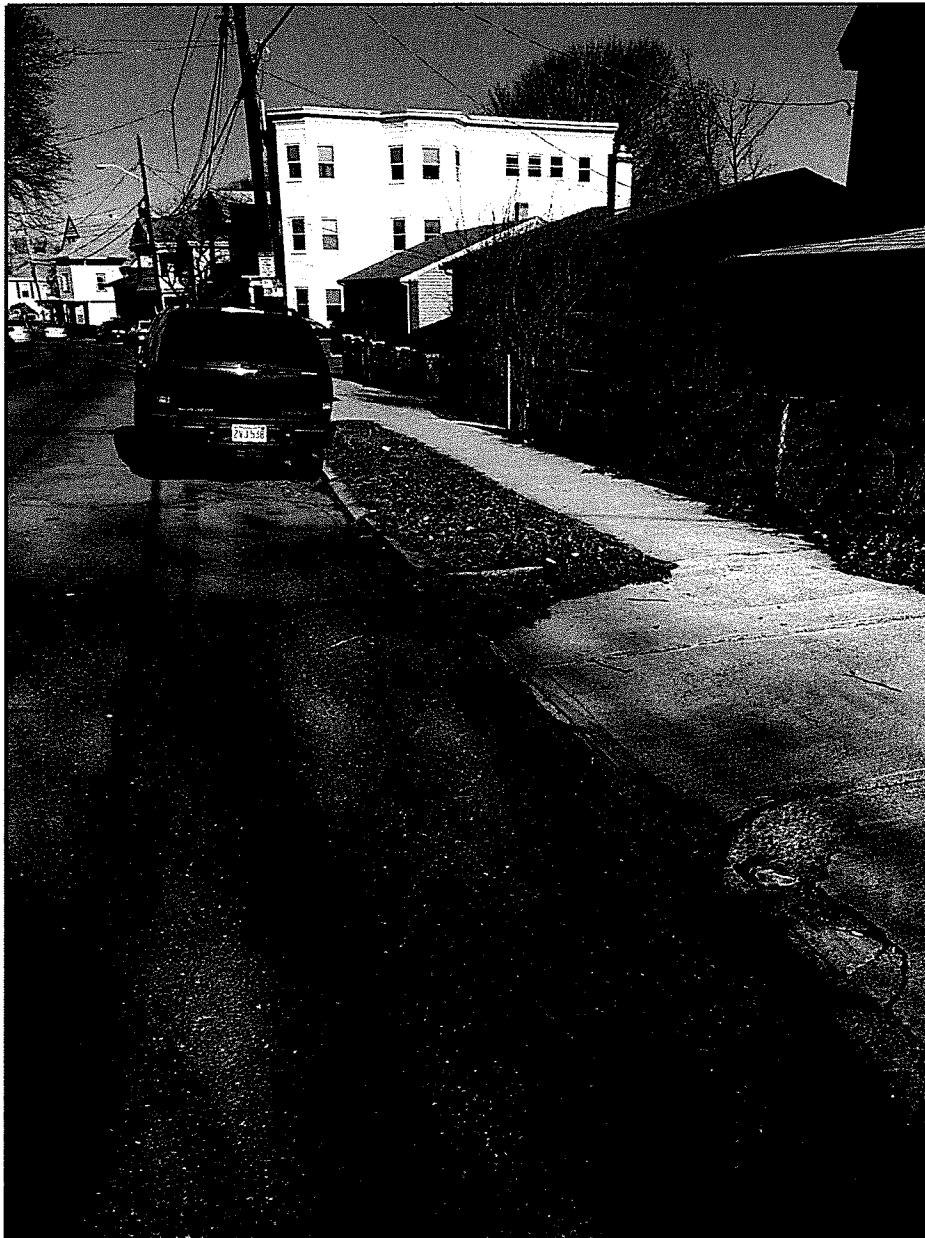


Florence Ave.

Continuing North, towards Centennial Ave.

Note settlement of curbing and low curb reveal.
Concrete sidewalks in relatively good condition.
Sidewalk material consistent as we progress
north, and condition is good.

Condition of roadway improves through this small
section but deteriorates quickly as we approach
Centennial Ave.

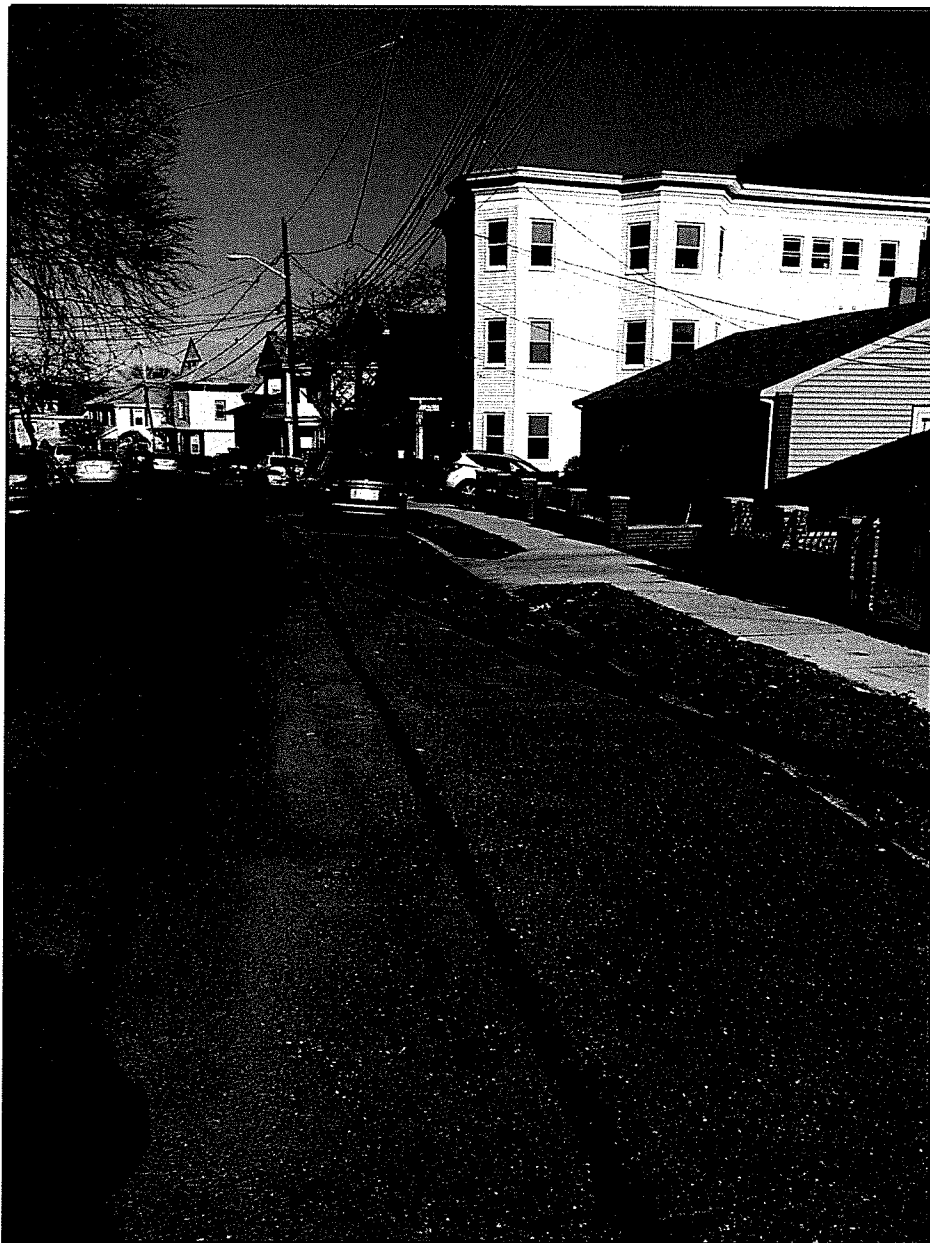


Florence Ave.

Heading north towards Centennial.

Roadway in decent condition. Cracks developing, but have not begun to open.

Sidewalk in good condition but curb lacks reveal.
Control of storm water poor due to lack of adequate curb reveal.

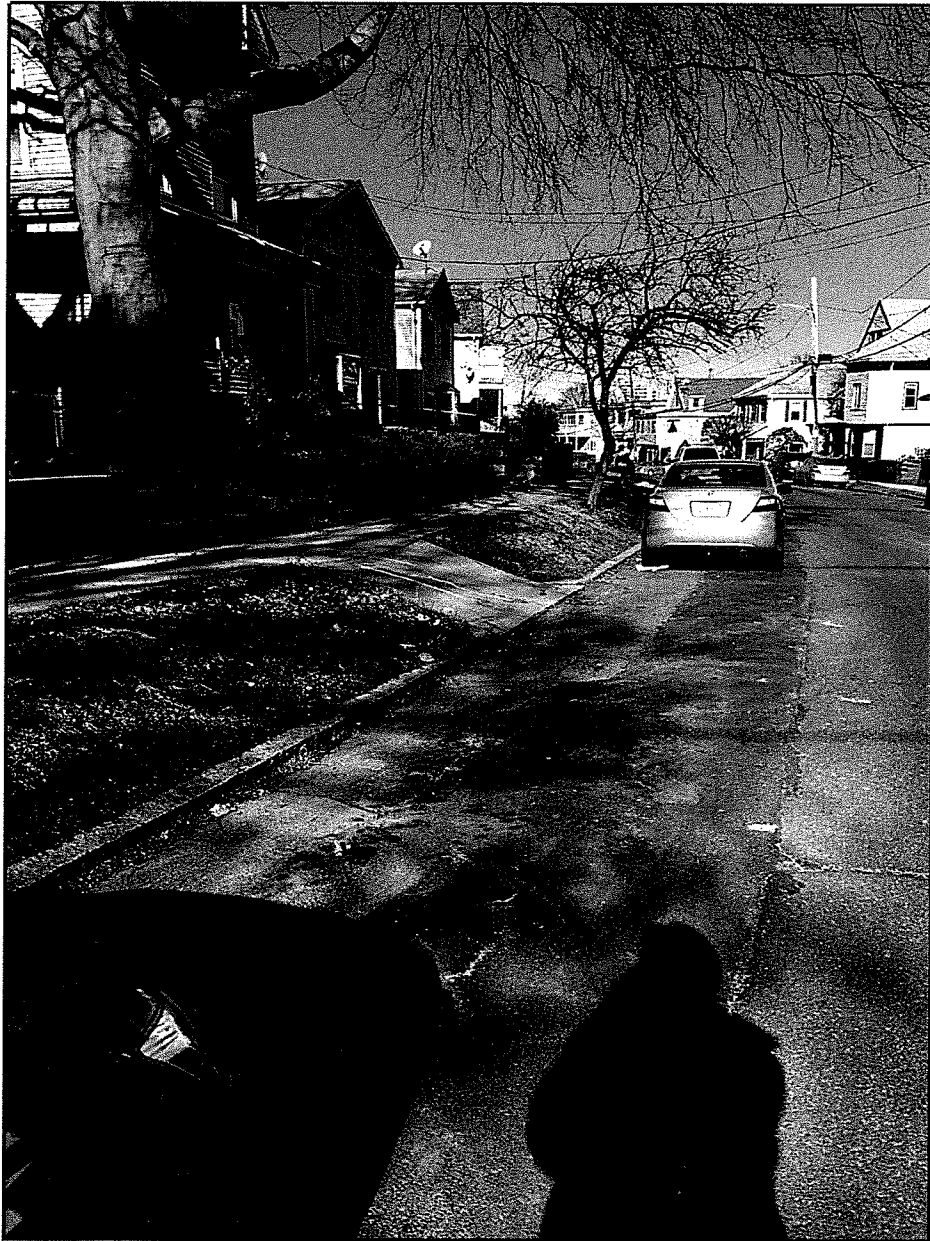


Florence Ave.

Heading north

West side of road in worse condition. Water main trench shown. Trench in good condition, but settlement and cracking seen at the edges and transverse crack shown.

Note extreme slope of driveway and evidence of vehicles bottoming out.



Florence Ave.

Continuing north towards Centennial

Pavement condition worsens, longitudinal and transverse cracks developing. Transverse trench failing, edge settlement seen. Alligator cracking developing. Rideability very poor from this point north.

Sidewalk condition good, curbing lacks reveal.

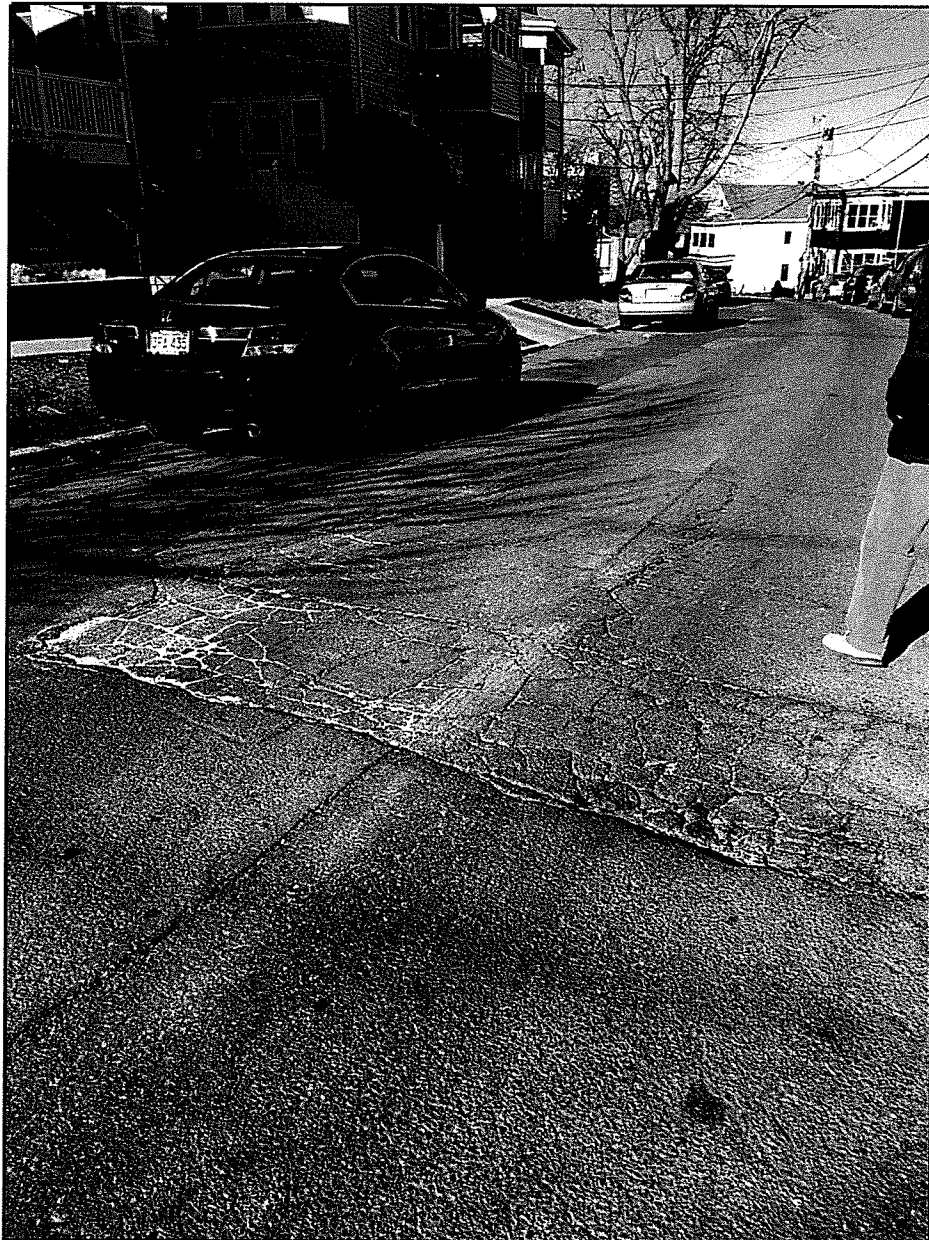


Florence Ave.

Continuing north towards Centennial.

Failed transverse trench shown. Longitudinal cracks opening up, failures spreading.

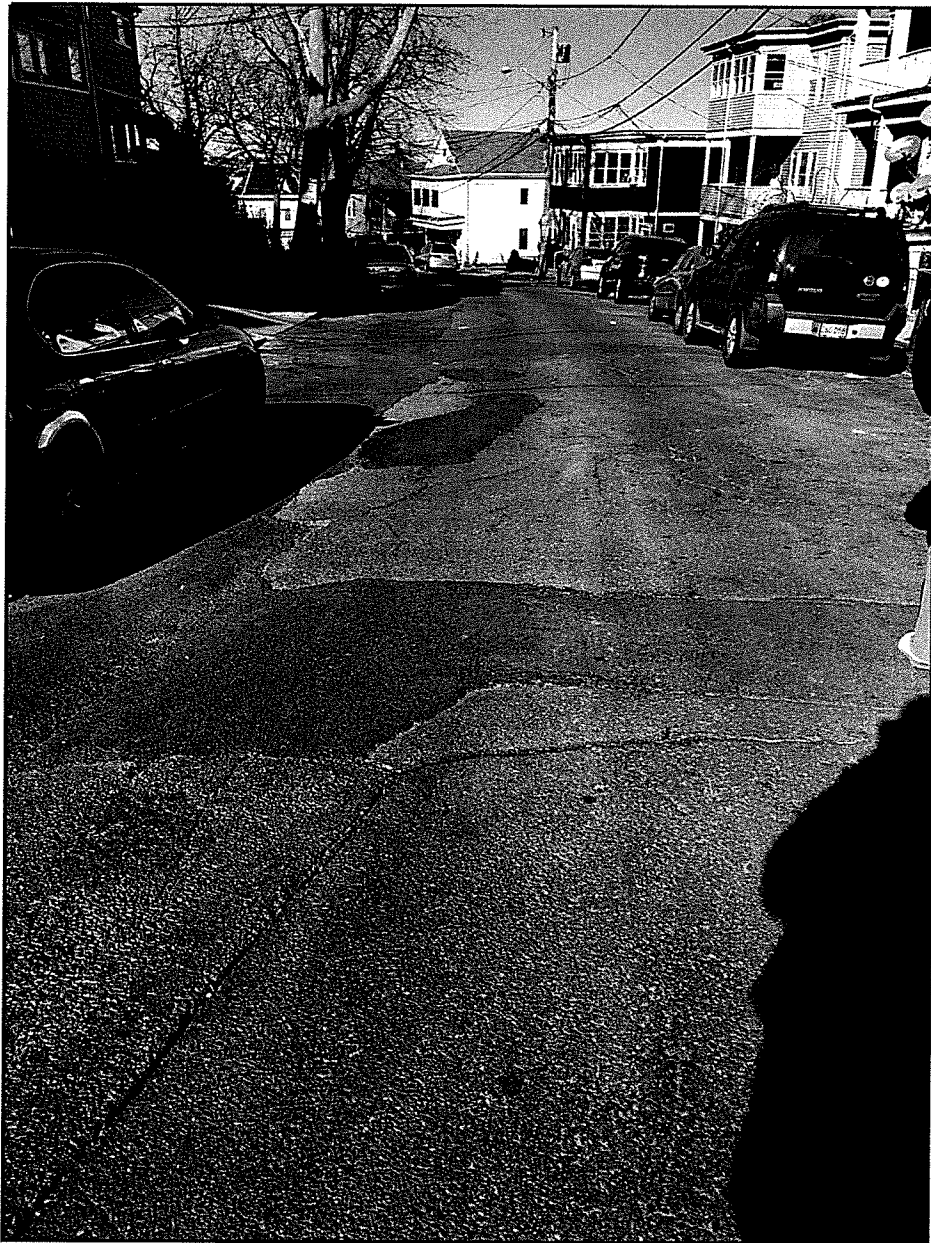
Road in poor / very poor condition



Florence Ave.

Continuing north towards Centennial

Pavement failures mentioned earlier continue and intensify



2/1/2016

Florence Ave.

Continuing north towards Centennial

Pavement failures mentioned earlier continue and intensify.

Alligator cracking and settlement becoming more pronounced.

Road very poor. Curbing very poor.



Florence Ave.

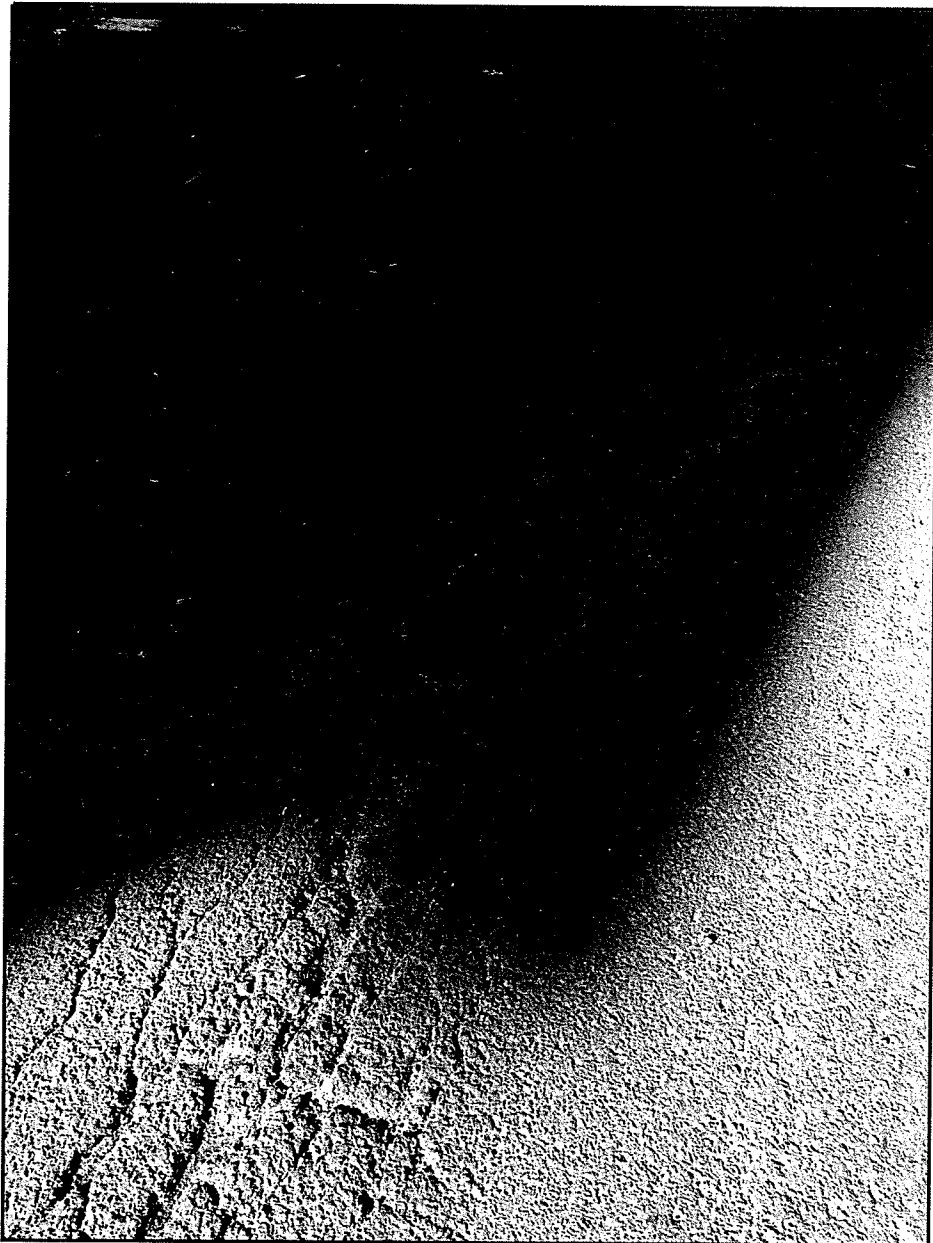
Photo highlighting typical driveway condition on the low (east) side of the road. Curb could be removed and reset mostly without damaging sidewalks. Driveway aprons will need to be reconstructed if curbing is reset.

Sidewalks in good condition.



Florence Ave.

Photo showing typical roadway failure.
Road very poor / failed condition



2/1/2016

Florence Ave.

Continuing north towards Centennial.

Failure of roadway shown. Cracks opening up,
potholes beginning to form.

Driveability very poor, roadway has failed.



Florence Ave.

Continuing north

Very poor condition of the roadway continues..



2/1/2016

Florence Ave.

Approaching Centennial Ave.

Very poor condition of the road continues. Road unraveling. Note pothole. Solid asphalt seen below top course.

Because we do not seem exposed macadam under top course of pavement, this road may support milling and paving with other repairs as necessary.



Florence Ave.

Approaching Centennial Ave.

Expansive longitudinal and transverse cracking, cracks are expanding. Unfortunately this road is beyond pavement management and has failed to a point where a new road surface is necessary.

Note continued good condition of sidewalks but poor condition of the curbing. Curbing should be removed and reset.



Florence Ave.

Photo highlighting good conditon of sidewalk, view from near Centennial looking south.



2/1/2016

Florence Ave.

Photo highlighting good condition of sidewalks



2/1/2016

Florence Ave.

Photo highlighting typical condition of driveway apron on the high (west) side of the street. Steep slopes create challenges when it comes to repairing the road as a whole.

