

## **PHASE 2- FEASIBILITY ANALYSIS TAPLEY AVENUE**

The condition of Tapley Avenue is reflective of most of the streets in this survey. Tapley Avenue is in need of rehabilitation.

At the top section of the roadway numerous repair trenches and patches are visible . The number of trenches and patches decrease further down the roadway (see attached photos). Extensive alligator cracking runs the length of the roadway. The roadway base appears to be in fairly good condition.

The street has concrete curbing running from the top of the roadway and terminates at the house at number 78, which is approximately at the corner of Putnam Street (refer to photos). The concrete curbing is in very poor condition and must be replaced with granite curbing. The asphalt sidewalks are also in very poor conditions and should be replaced with concrete sidewalks. It should be noted that just beyond #78 The Rumney Marsh Academy athletic fields begin and the sidewalks are in fair condition on both sides of the roadway. Removal of the curbing which still exists adjacent to the athletic fields may be warranted to increase parking access on the street.

We suggest the following corrective actions;

1. Mill roadway and apply new top course.
2. Remove concrete curb and replace with granite curbing.
3. Remove existing asphalt sidewalks.
4. Install new concrete sidewalks.
5. Install new fire hydrant (closest hydrant to Broadway)

From Putnam Street to end of roadway;

- Remove existing asphalt sidewalks on both sides of roadway and
- Replace with new asphalt sidewalks. No granite curb required.

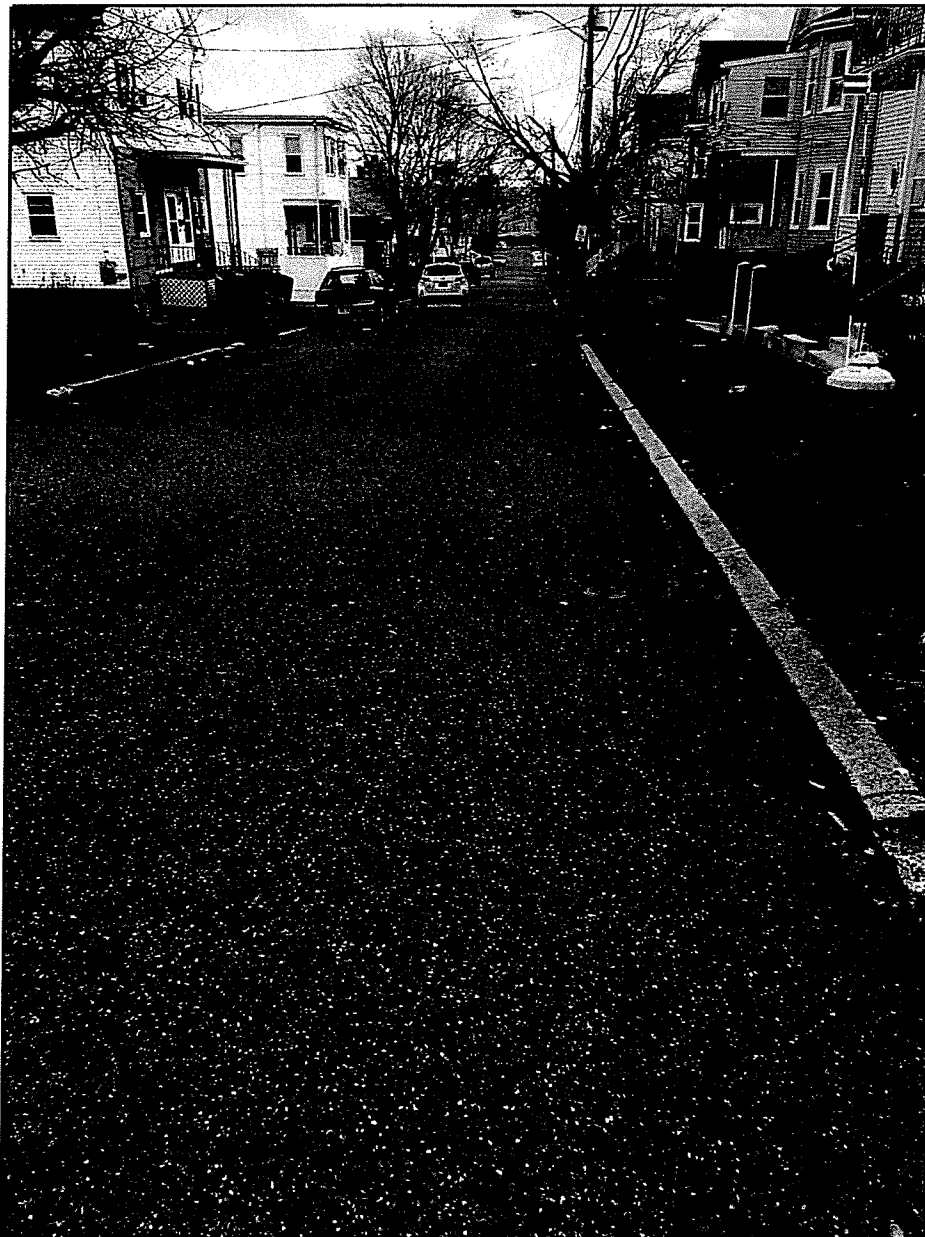
## Tapley Ave.

Near Broadway looking east.

Fire Hydrant needs to be replaced ahead of paving.

Concrete curb should be replaced with granite curb.  
Recommend reconstructing sidewalks in Concrete.

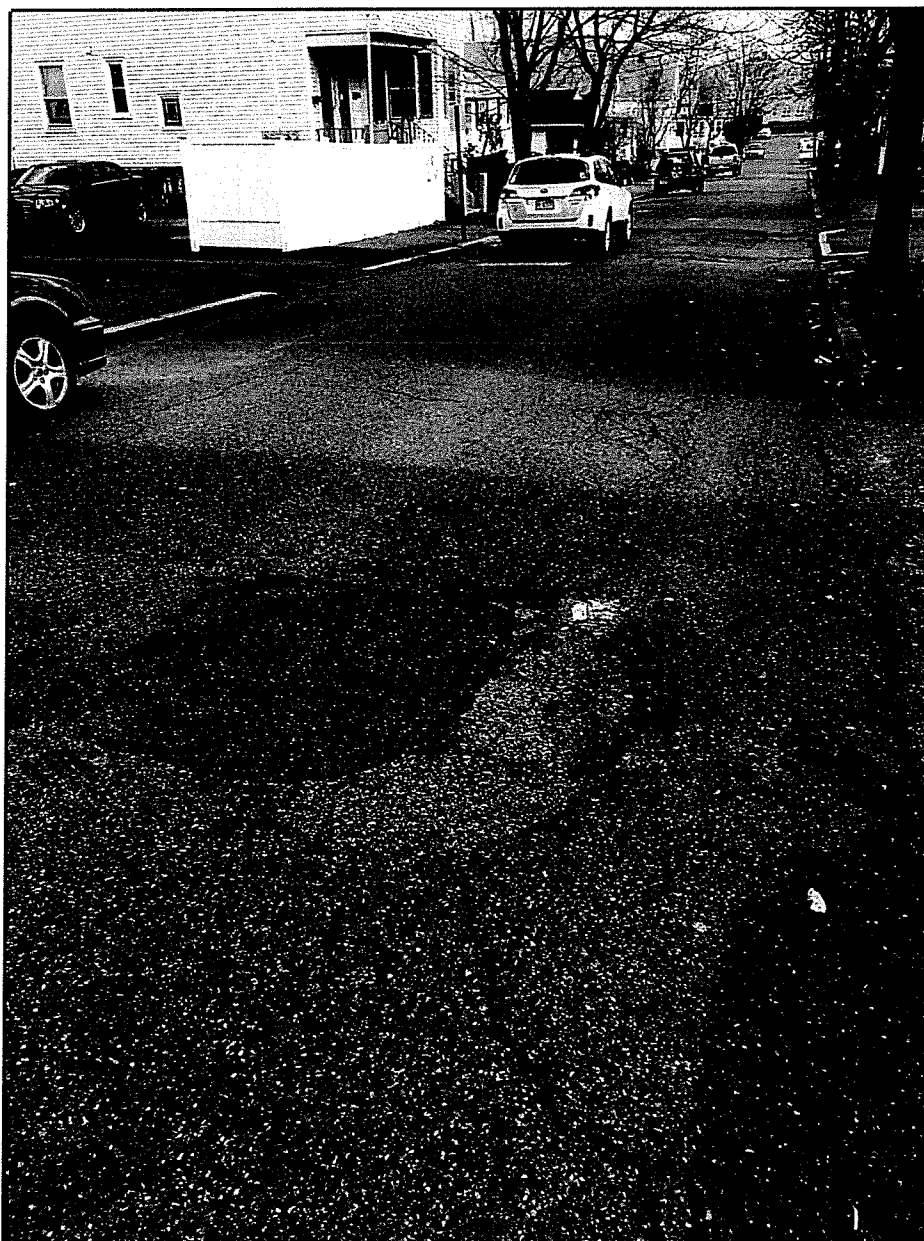
Roadway cracking is becoming extensive, worse on the  
Broadway end of the street.



## Tapley Ave.

Failed utility trench shown.  
2006 to 2014 water main break map shown on breaks  
on  
Tapley, reason for trench is unclear.

Alligator cracking at edges seen, edges will begin to  
break apart in the coming years.



## Tapley Ave.

Multiple utility trenches shown.  
Mismatched curbing materials exist on the street.  
Concrete curb is beginning to deteriorate in  
several locations.

Condition of the roadway improves ahead.



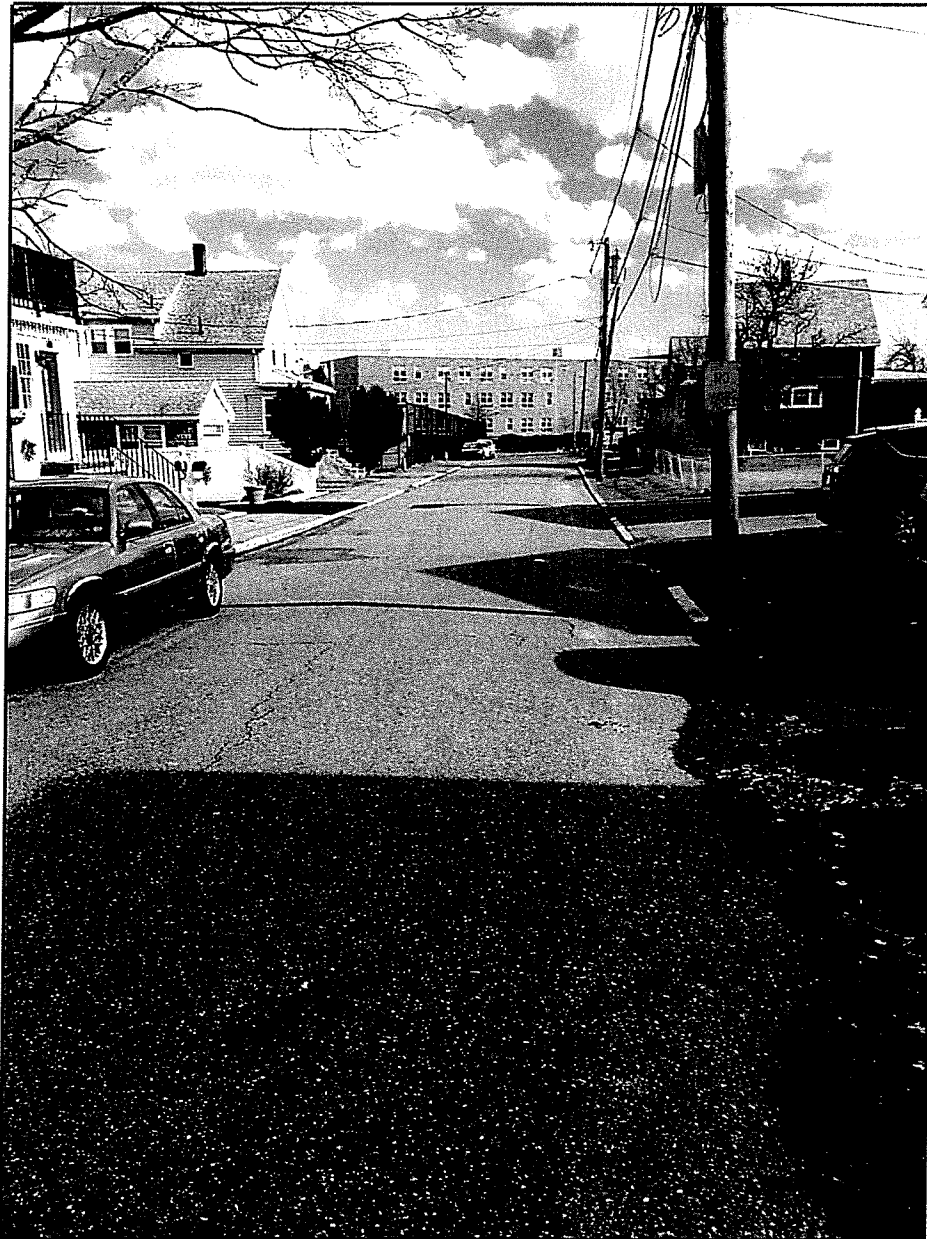
## Tapley Ave.

Continuing towards School.

Roadway condition improves as you approach the School.

Roadway beginning to crack, but alligator cracking is not seen yet.

Recommend removing remaining curb adjacent to black fence ahead to increase parking access



## Tapley Ave.

Dead end in good condition except for utility trenches. Unclear why trenches exists, possible water main breaks.

Recommend leaving this section with out curbing for ease of parking and turn around.

