

# Public Works Street Paving History

## Paving Background / History

~ 187 miles of streets in the City. This is ~400 lane miles.

Pavement usually needs to be treated (overlay or reconstruction) at least every 10-15 years

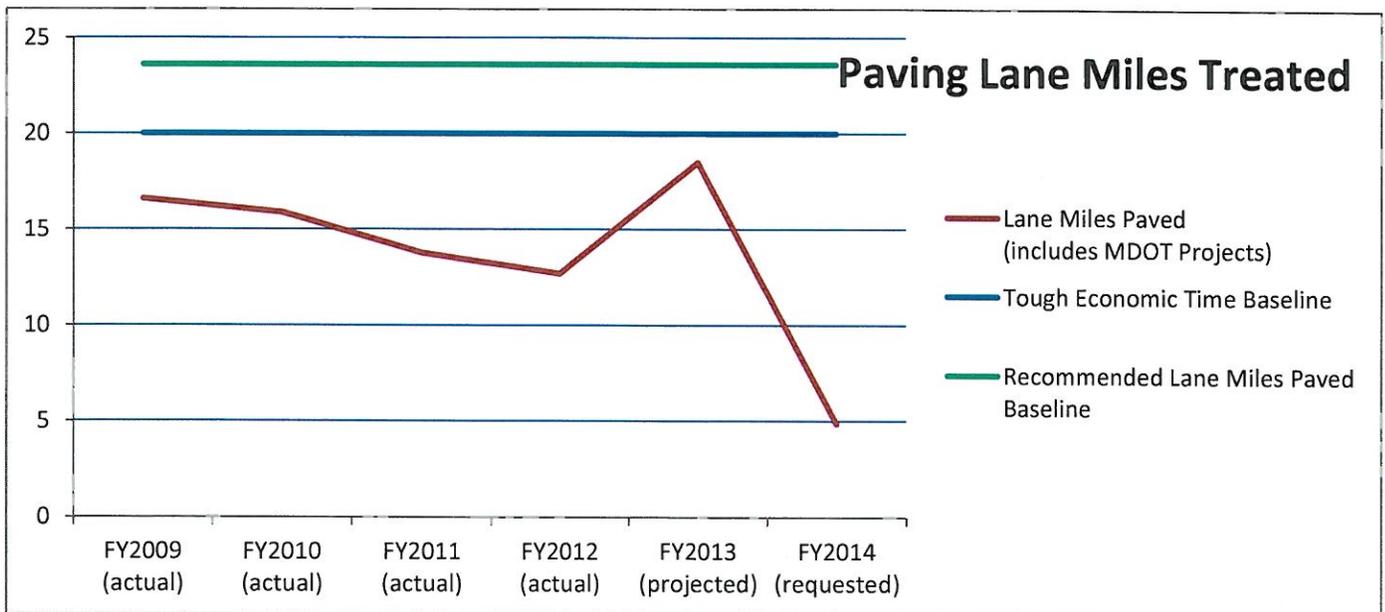
| Lewiston Streets                | Lane Miles   | Recommended Treatment every "X" years | multiply      |
|---------------------------------|--------------|---------------------------------------|---------------|
| Major Collectors & Compact Area | 90.4         | 10                                    | 904           |
| Collector Streets               | 46.9         | 15                                    | 703.5         |
| Local / Residential Streets     | 263.2        | 20                                    | 5264          |
| <b>Total</b>                    | <b>400.5</b> |                                       | <b>6871.5</b> |

Weighted Average years between paving =  $6871.5 / 400.5 = 17.2$

Assuming every 17 years, we would need to be paving ~23.6 lane miles every year

During tough economic times we might want to extend this to every 20 years, which would be ~20 lane miles per year.

| FY                 | Lane Miles Paved (includes MDOT Projects) | Actual Paving Frequency (years it would take to pave all streets) | Recommended Baseline | Tough Economic Time Baseline |
|--------------------|---|---|----------------------|------------------------------|
| FY2009 (actual)    | 16.6                                      | 24.1  | 17.2                 | 20                           |
| FY2010 (actual)    | 15.9                                      | 25.2  | 17.2                 | 20                           |
| FY2011 (actual)    | 13.8                                      | 29.0  | 17.2                 | 20                           |
| FY2012 (actual)    | 12.7                                      | 31.5  | 17.2                 | 20                           |
| FY2013 (projected) | 18.5                                      | 21.6  | 17.2                 | 20                           |
| FY2014 (requested) | 4.9                                       | 82.0  | 17.2                 | 20                           |



Note: The FY2013 increase is due (almost entirely) to nearly 12 lane miles being paved by MeDOT