



Date: February 13, 2013

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Marvin G. Williams, Director of Public Works

Subject: Agenda Item – PAC 1 Citizen’s Concern – Unpaved Streets

There are currently 187 streets or street segments, totaling 20.14 miles in the City that are unpaved. Of this total, there are 35 streets or street segments, totaling 4.35 miles of unpaved streets in PAC 1.

The most recent gravel street improved in PAC 1 was Harvard Avenue, completed in 2011. There are currently nine (9) street paving projects in queue (via the petition process) that have been ordered by City Council. Two of these streets (Winburn Avenue and Amber Place) are located in PAC 1. Improvements on this ordered list are currently waiting for funding for construction.

The average 2010 construction cost estimates for the improvement of an existing gravel street to a curb, gutter, and paved street was \$350.00 per linear foot and for the ribbon paving of a gravel street was \$275.00 per linear foot. These construction costs would be subject to change through inflation and material cost increases, and do not include design costs, rights of way acquisition, and storm water mitigation costs.

A portion of the expended construction costs are recouped through the assessment process. The current assessment rates are \$45.00 per front foot (assessed on each side) for curb, gutter, and paving improvements, and \$ 32.00 per front foot (again, assessed on each side) for ribbon paved streets. Winburn Avenue has been ordered improved as a curb, gutter, and paved street (the ribbon paving option was not available at the time of that petition and ordering), and Amber Place has also been ordered as a curb, gutter, and paved improvement due to narrow rights of way issues.

Based on the average 2010 per foot construction costs (depending on whether improvements are ribbon paved or curb, gutter and paved), the estimated construction cost to improve the existing gravel streets (20.14 miles) would range between approximately \$29,243,280.00 and \$37,187,720.00. The estimated construction cost to improve the existing gravel roads in PAC 1 (4.35 miles) would range between \$6,316,200.00 and \$8,038,800.00.

There are currently ten (10) petitioned sidewalks in queue that have been ordered by Council. None of these are in PAC 1. The last PAC 1 sidewalk built was on Harvard Avenue. As that sidewalk was ordered built by Council without a petition, it was not assessed.

MGW/nlm