

City Council In-depth Meeting

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# 25<sup>TH</sup> STREET AND 47<sup>TH</sup> AVENUE DISCUSSION

# History

- Predominately farm-to-market roads
- 7 houses front onto 47<sup>th</sup> Avenue West
- 3 houses front onto 25<sup>th</sup> Street
- Historic road surface was rock
- Changed to seal coat in 1997

# Currently

- Predominately farm-to-market roads
- Low traffic volume
- Mostly heavy farm equipment, especially on 25<sup>th</sup> Street
- Road surface has deteriorated
- Costs to maintain are absorbed in Roadway Maintenance Budget





# Issues

- Sealcoat has deteriorated
- Wash boarding of road surface
- Potholes in sealcoat
- Dust complaints





# Option 1

- ⦿ CONTINUE TO MAINTAIN AS-IS
- ⦿ Repair potholes with hot and cold-mix asphalt
- ⦿ Grade road when necessary to alleviate potholes and wash boarding
- ⦿ Can be done with in-house labor
- ⦿ Relatively inexpensive material costs
- ⦿ Cost can be absorbed in Roadway Maintenance Budget

# Option 2

- RETURN ROAD TO ROCK SURFACE
- Allow us to maintain and remove potholes and washboard areas quicker and easier
- May have dust issues, but there are treatments for dust
- Can be done with in-house labor
- Relatively inexpensive material costs
- Cost can be absorbed in Roadway Maintenance Budget

# Option 3

- SEALCOAT SURFACE
- Issue 1: Companies do not make and install sealcoat like they used to.
- Recent sealcoating (2014) has not lasted more than 1 or 2 years
- Issue 2: Subbase of road will need to be repaired. This could be done in-house but is time consuming (months) and not budgeted
- Sealcoat estimate over city-repaired base on 25<sup>th</sup> Street \$27,000
- 47<sup>th</sup> Ave: \$53,000
- Total: \$80,000
- Unbudgeted and no program to put it into

# Option 4

- ASPHALT SURFACE
- Subbase of road will need to be repaired. This could be done in-house but is time consuming and not budgeted
- Asphalt estimate over city-repaired base on 25<sup>th</sup> Street: 2,667 S.Y. = \$42,000
- 47<sup>th</sup> Ave: 7,361 S.Y. = \$113,000
- Total: \$155,000
- Would need to be matrixed into HMA program (36 points)

# Option 5

- CONCRETE SURFACE
- Subbase of road will need to be repaired. This could be done in-house but is time consuming and not budgeted
- Concrete estimate over city-repaired base on 25<sup>th</sup> Street = \$300,000
- 47<sup>th</sup> Ave: = \$750,000
- Total: \$1,050,000
- Would need to be matrixed in to PCC Reconstruction Program (36 points)

# Staff Recommendation

- Option 2
- Feel this is most equitable and best use of public funds based on low traffic volume and small number of properties directly affected

# Discussion