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**Public Works**

**City Transit**  
263-8152

MEMORANDUM

**Equipment Maintenance**  
**Roadway Maintenance**  
**Collection & Drainage**  
**Building & Grounds**  
**Engineering**

To: Mayor and City Council Members

CC: Gregg Mandsager, City Administrator

FROM: Brian Stineman, Director of Public Works

DATE: May 9, 2019

RE: Request to Hold Public Hearing for the 2019 Asphalt Alley Program

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**INTRODUCTION:**

The City of Muscatine Public Works Department has compiled a list of alleys to be asphalt overlaid during 2019. Prior to awarding bids a public hearing is required.

**BACKGROUND:**

The City of Muscatine Roadway Maintenance Division has compiled a list of alleys that qualify for asphalt overlay using a matrix previously developed. The list and the project specifications will be made available at the public hearing.

**RECOMMENDATION/RATIONALE:**

I recommend City Council hold a Public Hearing for the 2019 Asphalt Alley Project. The requested date for this Public Hearing is June 6, 2019 at 7:00PM in Council Chambers.

**BACKUP INFORMATION:**

N/A

**RESOLUTION NO. \_\_\_\_\_**

**SET TIME AND PLACE FOR PUBLIC HEARING ON THE  
2019 ASPHALT ALLEY PROGRAM**

WHEREAS, the City Council of the City of Muscatine, Iowa has heretofore granted preliminary approval of the plans, specifications, form of contract, and cost estimates for the proposed 2019 Asphalt Alley Program; and

WHEREAS, the proposed project is to be paid for out of funds legally available for that purpose;

NOW, THEREFORE, be it resolved by this Council that:

SECTION I: On June 6, 2019 at 7:00 p.m. in the City Council Chambers at City Hall, Muscatine, Iowa, this Council shall hold a public hearing of the plans, specifications, form of contract, and cost estimates for this proposed project.

SECTION II: The City Clerk shall give notice of such public hearing by publication of a notice in the Muscatine Journal not less than four (4) nor more than twenty (20) days prior to the date set for the hearing. The notice shall be in the following form:

(NOTICE OF PUBLIC HEARING ATTACHED)

PASSED, APPROVED, AND ADOPTED THIS 16<sup>TH</sup> DAY OF MAY, 2019.

CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA

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Diana Broderson, Mayor

ATTEST:

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Nancy Lueck, Acting City Clerk

***PUBLIC NOTICE***

**NOTICE OF TIME AND PLACE OF PUBLIC HEARING  
ON THE 2019 ASPHALT ALLEY PROGRAM**

Public Notice is hereby given that the City Council of the City of Muscatine, Iowa will hold a Public Hearing to hear objections to the plans, specifications, form of contract, and cost estimate for the proposed 2019 Asphalt Alley Program. Said hearing will be held in the City Council Chambers, City Hall, Muscatine, Iowa on June 6, 2019 at 7:00 p.m. All interested persons are invited to attend and will be given an opportunity to be heard relative to this matter.

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Gregg Mandsager, City Administrator



CITY OF MUSCATINE  
215 SYCAMORE STREET  
MUSCATINE, IA 52761  
PH. (563) 264-1550 • FAX (563) 264-0750

PROPOSED 2019-2020 FULL DEPTH PATCH STREETS	
STREET NAME	LOCATION
Fulliam Avenue	Kindler to Devitt
Fulliam Avenue	Houser to Green Acres
Houser Street	Musser to Grandview
Houser Street	Hershey to Lucas
Lake Park	2nd Avenue to Park Avenue
University Drive	Highway 61 to Highway 22

PROPOSED 2019-2020 ALLEYS FOR ASPHALT OVERLAY	
ALLEY NAME	LOCATION
Bush Street south of Lucas	Behind 400 block of Bush
Grover and Charles	New Hampshire to Hershey
Salvation Army: Oregon and Illinois	Earl to Baker
Between Bond and Bleaker	Grandview to Liberty
Iowa and Sycamore	East 9th to East 10th
Iowa and Sycamore	East 10th to East 11th
Taylor and Clinton	New Hampshire to Hershey
Hawthorne and Washington	Orchard to Park
Hagerman and Lorenz	Terrace Heights to Roscoe
Alley off 4th Street Park	Locust between 3rd and 4th
Pine and Linn	3rd to 4th

# Alley Rating Factors

## Points Definitions

### Future Utility Work Planned

Work Scheduled current year	0	This factor is used when utility work is planned on the street section. Work will wait until after the utility work has been completed.
Work Scheduled following year	2	
No Work Scheduled	10	

### Pavement Type

Alley is hard surfaced	10	Alleys that are currently hard surfaced and in need of repairs will be given more points than rock alleys which are easier to maintain.
Alley is non-hard surfaced	0	

### Number of Driveways Serviced

More than 50 driveways	10	The number of driveways serviced by an alley is an indicator of the amount of use it receives. Alleys with more driveway connections can be assumed to receive greater use than those with less and should be given more points.
49 to 25 driveways	9	
11 to 24 driveways	8	
6 to 10 driveways	7	
5 or less driveways	6	

### Workforce Type

In-house Roadhog Work	10	Projects that can be completed by city staff and with city-owned equipment can be done at lower costs than those contracted. More points should be given to those that can be done in-house.
Road Hog base and contract overlay	5	
Contracted	1	

### Remaining Life of Pavement

Less than 2 years	10	An estimate on the remaining life of the pavement assuming no improvements are made. The shorter the projected lifespan the higher the number of points given.
3 to 5 years	5 to 9	
6 or more years	0 to 4	

### Cost of Construction

Project costs less than \$5K	9 to 10	Cost of construction is an important factor when considering the city's limited resources. A lot of small projects can be completed for every large one built. More points are to be given to the smaller projects.
Project cost between \$5K to \$10K	7 to 8	
Project cost between \$10K to \$15K	5 to 6	
Project cost between \$15K to \$20K	3 to 4	
Project cost more than \$20K	0 to 2	

### Zoning Area

General Industrial (M-2)	10	Alleys that are in commercial or industrial zoning can be expected to receive more use and damage from heavy vehicles and therefore will be given more points than institutional or residential.
Light Industrial (M-1)	9	
Commercial (C )	8	
Institutional (S)	7	
Residential (R )	6	

### Alley Drainage

Major drainage issue	7 to 10	Alley drainage can be a serious issue. Alleys that are entirely flat can hold water, alleys that are very steep can become eroded. This rating gives more points to alleys with known drainage issues that can be addressed by repairing the existing pavement
Moderate drainage issue	3 to 6	
Minor drainage issue	1 to 2	
No drainage issues	0	



Alley off of Busch south of Lucas



Alley off of Charles & Grover,  
between Hershey & New Hampshire



Alley south of Earl,  
between Oregon & Illinois



Alley off of E 9th St. & E 10th St.,  
between Iowa & Sycamore



Alley off of E 10th St. & E 11th St.,  
between Iowa & Sycamore



Alley off of Bleeker & Bond,  
between Grandview & Liberty



Alley off of Hershey & New Hampshire,  
between Taylor & Clinton



Alley south of Hawthorne,  
between Park Ave & Orchard



Alley off of Terrace Heights & Roscoe,  
between Lorenz & Hagerman



Alley off of Locust & Broadway,  
between W 3rd & W 4th St



Alley off of Pine & Linn,  
between W 3rd & W 4th St

— Proposed Alley for Overlay