



CITY OF MARSHFIELD

MEETING NOTICE

AGENDA
BOARD OF PUBLIC WORKS
CITY OF MARSHFIELD, WISCONSIN
MONDAY, JANUARY 16, 2012 AT 5:30 PM
COUNCIL CHAMBERS, CITY HALL PLAZA

- 1. Call meeting to order – Chairman Feirer
2. Approval of minutes of December 19, 2011 meeting
3. Citizen Comments
4. Discussion on North Peach Avenue corridor – Presented by Dan Knoeck, Director of Public Works
5. Approval of Preliminary Resolutions – Presented by Tom Turchi, City Engineer
a. 2012-01 – Alley Reconstruction – Central Avenue/Maple Avenue & 4th Street/5th Street
b. 2012-02 – Alley Reconstruction – Central Avenue/Chestnut Avenue & 1st Street/2nd Street
c. 2012-03 – Mill in Place Street Improvement Projects:
(1) 10th Street (Vine to Peach)
(2) Ash Avenue (9th to 14th)
(3) 18th Street (Apple to Palmetto)
(4) 19th Street (Apple to Palmetto)
(5) Apple Avenue (17th to 19th)
(6) Blodgett Street (Schmidt to Marathon)
(7) Marathon Street (Ridge to State)
(8) Juno Avenue (Blodgett to Doege)
(9) Cherry Avenue (2nd to 9th)
6. Approval of updated Street Surface Replacement Costs – Presented by Tom Turchi, City Engineer
7. Recommended items for future agendas
8. Adjournment

Posted this 13th day of January, 2012 at 4:00 PM by Daniel G. Knoeck, Director of Public Works

NOTE

It is possible that members of and possibly a quorum of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.

Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, contact Mary Anderson, Public Works Department at 630 South Central Avenue or by calling (715) 387-8424

BOARD OF PUBLIC WORKS BACKGROUND
01/16/12

1. Call meeting to order – Chairman Feirer

2. Approval of minutes of December 19, 2011 meeting

3. Citizen Comments

4. Discussion on North Peach Avenue corridor – Presented by Dan Knoeck, Director of Public Works
See attached memo. **This is a discussion item only.**

5. Approval of Preliminary Resolutions – Presented by Tom Turchi, City Engineer
 - a. 2012-01 – Alley Reconstruction – Central Avenue/Maple Avenue & 4th Street/5th Street
 - b. 2012-02 – Alley Reconstruction – Central Avenue/Chestnut Avenue & 1st Street/2nd Street
 - c. 2012-03 – Mill in Place Street Improvement Projects:
 - (1) 10th Street (Vine to Peach)
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 - (7) Marathon Street (Ridge to State)
 - (8) Juno Avenue (Blodgett to Doege)
 - (9) Cherry Avenue (2nd to 9th)

See attached resolutions. **Recommend approval and refer to Common Council for consideration.**

6. Approval of updated Street Surface Replacement Costs – Presented by Tom Turchi, City Engineer
See attached memo. **Recommend approval.**

7. Recommended items for future agendas

8. Adjournment

BOARD OF PUBLIC WORKS MINUTES
OF DECEMBER 19, 2011

Meeting called to order by Chairman Feirer at 5:00 PM in the Council Chambers of City Hall Plaza.

PRESENT: Mike Feirer, Tom Buttke, Dave LaFontaine, Gary Cummings and Ed Wagner

EXCUSED: None

ALSO PRESENT: Alderman Earl; City Administrator Barg; Director of Public Works Knoeck; City Engineer Turchi; Assistant City Engineer Cassidy; Street Superintendent Panzer; Parks and Recreation Director Englehart; Staff Services Supervisor Krokstrom; the media; and others.

PW11-153 Motion by Cummings, second by LaFontaine to recommend approval of the minutes of the December 5, 2011 Board of Public Works meeting.

All 'Ayes' Motion Carried

Citizen Comments – None.

PW11-154 Motion by Buttke, second by Cummings to recommend approval of the revised parking lot plans for Wildwood Park, pursue development of final plans and specifications and solicit bids for the work to be completed prior to June 1, 2012.

All 'Ayes', Motion Carried

PW11-155 Motion by LaFontaine, second by Wagner to recommend establishing a No Parking zone on the east side of Cedar Avenue from 80 feet south of the south line of 8th Street to 120 feet south of the south line of 8th Street and that the recommended change be made to the Administrative Code of Traffic and Parking Regulations.

All 'Ayes', Motion Carried

PW11-156 Motion by Buttke, second by LaFontaine to recommend establishing a No Parking zone on the west side of Walnut Avenue from the south line of Upham Street to the north line of Leonhard Street and that the recommended change be made to the Administrative Code of Traffic and Parking Regulations.

All 'Ayes', Motion Carried

PW11-157 Motion by Wagner, second by Buttke to recommend that the first Board of Public Works meeting in January, 2012 be held on Tuesday, January 3, 2012 at 5:30 PM or immediately following the Finance, Budget & Personnel Committee meeting, or cancelling the meeting if there are no agenda items.

All 'Ayes', Motion Carried

Recommended items for future agendas – None

Motion by LaFontaine, second by Cummings that the meeting be adjourned at 5:16 PM.

All 'Ayes' Motion Carried

Daniel G. Knoeck, Secretary
BOARD OF PUBLIC WORKS



City of
Marshfield
Memorandum

January 11, 2011

TO: Board of Public Works

FROM: Dan Knoeck, Director of Public Works

SUBJECT: Peach Avenue Corridor Discussion – Arnold Street to Becker Road

BACKGROUND

In fall of 2011, staff was asked to look at this segment of Peach Avenue to identify options to address traffic concerns in this area. Staff met with MSA Professional Services in early December to start developing an approach to addressing the issues. The first step is to gather sufficient data to understand the current conditions. MSA has assembled the attached list of potential tasks that could be considered.

ANALYSIS

The task list ranges from simple traffic counts to origin-destination studies. We'll discuss these in some detail at the January 16 meeting and staff will be looking for some feedback. If there is direction to move forward with some of these tasks, MSA will then prepare a formal proposal for our consideration.

RECOMMENDATION

None at this time.

Proposal to Complete Traffic Study on Peach Avenue from Becker Road to Arnold Street

City of Marshfield, Wisconsin

December 9, 2011

This is a proposal outlining tasks that could be undertaken to complete a traffic study on Peach Avenue from Becker Road to Arnold Street in the City of Marshfield. Peach Avenue is classified as a minor arterial in the study area, and is the only north-south street in the City with a grade-separated crossing of both Veterans Parkway and the rail corridor. The study is requested by the City of Marshfield due to comments and feedback received from city residents. In discussions with City Staff, it was noted that residents have indicated a difficulty in exiting their driveways along Peach Avenue. Residents have also noted a difficulty for pedestrians crossing Peach Avenue. Residents have attributed these concerns to an increase in traffic along Peach Avenue.

Based on conversations with City Staff, the following is a menu of tasks that can be undertaken to (1) Better define the current conditions and issues along Peach Avenue, (2) Obtain more detailed information relating to sources of the potential issues, and (3) identify geometric, traffic control, or other improvements to the corridor that will help resolve any issues or mitigate sources of the issues identified in the data collection tasks. MSA is open to City of Marshfield assistance on any task City Staff feels they have the capacity and availability to complete.

Level 1. Initial Data Collection & Verification

The base level of data collection will be to collect existing information and verify historical data. This data will help justify the big picture concerns raised by residents and identify additional concerns that may also warrant follow-up analysis along the corridor. Data will also be helpful in defining the follow up steps that will identify the specific sources of the issues identified. The following data collection tasks are recommended for consideration based on discussions to date.

Task 1A: AADT and Speed Data Collection

Collect AADT and speed data along Peach Avenue over a period of no less than one week using pneumatic tube counters. Data collected will be utilized to verify existing AADT counts and clarify if travel speed is a concern along the corridor. The data can also be utilized to determine the approximate diversion of traffic to side streets along the corridor. Based on the project study area, MSA preliminarily anticipates up to four (4) set ups as follows: South of Arnold Street, North of Blodgett Street, North of Doege Street, North of Becker Road. All setups should be completed during the same time period for more accurate results.

Task 1B: Turning Movement Count Data Collection

Record video of traffic from 6 AM to 6 PM at 4 intersections on Peach Avenue. The video would be utilized to collect turning movement count information, and could also be utilized to collect gap study information if desired (see task 1C). This data will confirm diversion of traffic to side streets along the corridor. MSA has the ability to collect video at two locations per day.

The locations where video will be recorded are as follows:

- Peach Avenue & Becker Road
- Peach Avenue & Doege Street
- Peach Avenue & Blodgett Street
- Peach Avenue & Arnold Street

Task 1C: Gap Study

Video recorded in Task 1B can also be processed to collect gap data. The information collected would give a record of the number and length of mainline gaps. This information can then be compared to minimum gaps required for turning and crossing movements at the intersection for pedestrians and vehicles. This data would be utilized to confirm if sufficient gaps existing in traffic on Peach Avenue to verify concerns raised by residents.

Task 1D: Crash History Review and Analysis

Complete a review of crashes over the most recent 5 year period. Crash history to be reviewed should include the entire study area, from Becker Road to Arnold Street. It is assumed that crash history reports would be available from either local police or the University of Wisconsin TOPS lab for review at no cost. This information would be utilized to determine if there are any patterns in crash history that can be identified and linked to existing conditions and potential improvements.

Level 2. Traffic Volume Source & Impact Determination

A higher level of data collection will identify sources of the corridor traffic, and the impact of specific land uses near the study area. The school site is of particular interest and options to determine the impact of school traffic are outlined below. Similar processes could be utilized for other land uses in the area if desired. The data collected at this level will also be utilized to help solve any issues identified in the Level 1 work.

Task 2A: Turning Movement Count Data Collection during a non-school day

This task is an exact repeat of Task 1B above including time and location of counts, but collects data on a day when school is not in session. One option for collecting this data that may work with the anticipated summer construction schedule is Spring Break. This year Spring Break is scheduled for the week of April 2 – 6. Data collected in this task would be compared to the data collected in Task 1B to estimate the impact of the schools on traffic patterns in this area.

Task 2B: School Survey and Data Gathering Effort

An alternative to Task 2A is to create a brief survey and coordinate with High School administration to distribute it to school staff, parents, and students as appropriate. Care would be taken to protect privacy issues. No names would be included on the returned survey and only general routing, mode choice, and timing of trips would be included in the survey. MSA would work with the City and School District to create and collect the survey. MSA would then tabulate the results to help determine the impact of school traffic on the study area.

Task 2C: Origin-Destination Study

For a larger scale study that can determine the impacts of multiple developments at one time, an origin-destination study can be completed. The size and scope of origin-destination studies varies widely depending on the type of information requested, desired participation level, and budget available to complete the study. Possible study efforts could include roadside interviews, postcard surveys, video studies, or Bluetooth matching techniques. If during the completion of other Tasks outlined above the City desires to complete an origin-destination study, MSA will work with the City on a collaborative effort to help minimize costs and gather the desired information to an appropriate level of statistical significance for this project.

Level 3. Analysis and Report

Once the appropriate data has been collected, MSA will complete an analysis of the information collected and review potential geometric or other improvement solutions that can be implemented by the City in their upcoming resurfacing project. Additional items not included in this level could include warrant analyses or alternative traffic control options (i.e. roundabout).

Task 3A: Operational Analysis

Complete intersection operational analysis of the intersections counted during Tasks 1B and 2A. This will give an idea of any queuing or operational concerns and the impacts and improvements of any geometric changes at any of the four locations. To complete this Task, counts must be taken as part of Task 1B.

Task 3B: Roadway Improvements

MSA will take a comprehensive look at all data and analysis completed to date and provide recommendations on potential roadway improvements. The discussion of possible improvements will include the issue identified and possible solutions reviewed, including a recommended solution.

Task 3C: Final Report

A final report will be prepared summarizing all tasks completed to date, including data collection, interim studies, operational analyses, and recommended improvements. Two hard copies and one electronic copy of the report will be prepared for the City.

Prepared By:

Kevin J. Ruhland, P.E.

Traffic Engineering Team Leader

MSA Professional Services, Inc.

Phone: (800) 446-0679

E-mail: kruhland@msa-ps.com

-- END --

RESOLUTION NO. 2012-01
SPECIAL ASSESSMENT
PRELIMINARY RESOLUTION

Preliminary Resolution in the matter of **Improvement Project No. 311993 & 316744, – Alley Reconstruction - Central Avenue / Maple Avenue & 4th Street / 5th Street.**

RESOLVED, by the Common Council of the City of Marshfield, Wisconsin:

SECTION 1. The Common Council hereby declares its intention to exercise its police power under Section 66.0703, Wisconsin Statutes, to levy special assessments upon property in the assessment district hereafter described for benefits conferred upon such property by reason of the following public work and improvement:

Alley reconstruction, concrete alley paving, storm sewer and storm sewer laterals.

SECTION 2. The property to be assessed lies within the following described assessment district:

ASSESSMENT DISTRICT

All property fronting or abutting the alley bounded by Central Avenue to the West, Maple Avenue to the East, 4th Street to the North and 5th Street to the South including its intersections with 4th Street and 5th Street.

SECTION 3. Before the improvements are made, the City Engineer shall cause water and sewer pipes to be laid in the street from the mains to the property lines of each vacant or unserved lot fronting on such street, shall keep an accurate account of the expenses incurred in front of each such lot, and shall report these costs to the City Clerk who shall cause the amount charged to each lot to be entered on the tax roll as a special tax against the lot.

SECTION 4. The total amount assessed against the properties in the described assessment district shall not exceed the total cost of the improvements.

SECTION 5. The Common Council determines that the improvements constitute an exercise of the police power for health, safety and general welfare of the City and its inhabitants.

SECTION 6. The City Engineer shall prepare a Report, which shall consist of:

- a. Plans and Specifications for the improvements
- b. An estimate of the entire cost of proposed improvements
- c. A schedule of proposed assessments

SECTION 7. When the Report is completed, the City Engineer shall file a copy of the Report with the City Clerk for public inspection.

SECTION 8. Upon receiving such Report, the City Clerk shall cause notice to be given stating the nature of the proposed improvements, the general boundary lines of the proposed Assessment District, the time and place at which the Report may be inspected, and the time and place of the public hearing on the matters contained in the Preliminary Resolution and the Report. This notice shall be published as a Class 1 notice under Chapter 985 of the Wisconsin Statutes, and a copy shall be mailed, at least 10 days before the hearing, to every interested party whose address is known or can be ascertained with reasonable diligence.

SECTION 9. The hearing shall be held in the Council Chambers of City Hall Plaza, 630 South Central Avenue, Marshfield, Wisconsin at a time set by the Clerk in accordance with Section 66.0703(7), Wisconsin Statutes.

SECTION 10. The assessment against any parcel may be paid in cash or in annual installments in accordance with the Municipal Code of the City of Marshfield and the City of Marshfield Policy and Procedures Manual.

ADOPTED _____

Chris L. Meyer, Mayor

APPROVED _____

Deb M. Hall, City Clerk

RESOLUTION NO. 2012-02
SPECIAL ASSESSMENT
PRELIMINARY RESOLUTION

Preliminary Resolution in the matter of **Improvement Project No. 312073 – Alley Reconstruction - Central Avenue / Chestnut Avenue & 1st Street / 2nd Street.**

RESOLVED, by the Common Council of the City of Marshfield, Wisconsin:

SECTION 1. The Common Council hereby declares its intention to exercise its police power under Section 66.0703, Wisconsin Statutes, to levy special assessments upon property in the assessment district hereafter described for benefits conferred upon such property by reason of the following public work and improvement:

Alley reconstruction, concrete alley paving, storm sewer and storm sewer laterals.

SECTION 2. The property to be assessed lies within the following described assessment district:

ASSESSMENT DISTRICT

All property fronting or abutting the alley bounded by Central Avenue to the East, Chestnut Avenue to the West, 1st Street to the North and 2nd Street to the South including its intersections with 1st Street and 2nd Street.

SECTION 3. Before the improvements are made, the City Engineer shall cause water and sewer pipes to be laid in the street from the mains to the property lines of each vacant or unserved lot fronting on such street, shall keep an accurate account of the expenses incurred in front of each such lot, and shall report these costs to the City Clerk who shall cause the amount charged to each lot to be entered on the tax roll as a special tax against the lot.

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ADOPTED _____

Chris L. Meyer, Mayor

APPROVED _____

Deb M. Hall, City Clerk

RESOLUTION NO. 2012-03
SPECIAL ASSESSMENT
PRELIMINARY RESOLUTION

Preliminary Resolution in the matter of **Improvement Project Mill in Place:**

- 312129 – 10th Street (Vine to Peach).
- 312129 – Ash Ave (9th to 14th).
- 312130 – 18th Street (Apple to Palmetto).
- 312130 – 19th Street (Apple to Palmetto).
- 312130 – Apple Avenue (17th to 19th).
- 312131 – Blodgett Street (Schmidt to Marathon).
- 312131 – Marathon Street (Ridge to State).
- 312132 – Juno Avenue (Blodgett to Doege).
- 312133 – Cherry Avenue (2nd to 9th).

RESOLVED, by the Common Council of the City of Marshfield, Wisconsin:

SECTION 1. The Common Council hereby declares its intention to exercise its police power under Section 66.0703, Wisconsin Statutes, to levy special assessments upon property in the assessment district hereafter described for benefits conferred upon such property by reason of the following public work and improvement:

Asphalt milling, asphalt street paving, ditching and culvert replacement

SECTION 2. The property to be assessed lies within the following described assessment district:

ASSESSMENT DISTRICT

- All property fronting or abutting East 10th Street from and including its intersection with Vine Avenue to and including its intersection with Peach Avenue.
- All property fronting or abutting South Ash Avenue from and including its intersection with 9th Street to and including its intersection with 14th Street.
- All property fronting or abutting East 18th Street from and including its intersection with Apple Avenue to and including its intersection with Palmetto Avenue.
- All property fronting or abutting East 19th Street from and including its intersection with Apple Avenue to and including its intersection with Palmetto Avenue.
- All property fronting or abutting South Apple Avenue from and including its intersection with 17th Street to and including its intersection with 19th Street.
- All property fronting or abutting the West Blodgett Street from and including its intersection with Marathon Street to and including its intersection with Schmidt Avenue.
- All property fronting or abutting the Marathon Street from and including its intersection with State Street to and including its intersection with Ridge Street.
- All property fronting or abutting North Juno Avenue from and including its intersection with Blodgett Street to and including its intersection with Doege Street.
- All property fronting or abutting South Cherry Avenue from and including its intersection with 2nd Street to and including its intersection with 9th Street.

SECTION 3. Before the improvements are made, the City Engineer shall cause water and sewer pipes to be laid in the street from the mains to the property lines of each vacant or unserved lot fronting on such street, shall keep an accurate account of the expenses incurred in front of each such lot, and shall report these costs to the City Clerk who shall cause the amount charged to each lot to be entered on the tax roll as a special tax against the lot.

SECTION 4. The total amount assessed against the properties in the described assessment district shall not exceed the total cost of the improvements.

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SECTION 10. The assessment against any parcel may be paid in cash or in annual installments in accordance with the Municipal Code of the City of Marshfield and the City of Marshfield Policy and Procedures Manual.

ADOPTED _____
Chris L. Meyer, Mayor

APPROVED _____
Deb M. Hall, City Clerk

TO: Board of Public Works
FROM: Thomas R. Turchi, City Engineer
DATE: January 9, 2012 
RE: Street Surface Replacement Costs

City of Marshfield
Memorandum



BACKGROUND

Section 13.33(5) of the Municipal Code states that all street surfacing removed for utility construction purposes shall be replaced by the City upon completion of the work. The cost of such surface replacement shall be borne by the permittee. The Board of Public Works shall establish rates for various types of surface replacement. The following rates are recommended:

Item	2011 Unit Price	Unit	2012 Proposed
Saw Concrete Pavement, Full Depth	\$9.80	L.F.	\$9.90
Saw Asphaltic Pavement	\$3.94	L.F.	\$3.98
Remove Curb and Gutter	\$5.82	L.F.	\$5.88
Remove Concrete Pavement	\$1.70	S.F.	\$1.72
Remove Concrete Sidewalk	\$0.74	S.F.	\$0.75
Remove Asphaltic Surface	\$0.71	S.F.	\$0.72
Crushed Aggregate Base Course – 6"	\$0.90	S.F.	\$0.91
Crushed Aggregate Road Surface – 6"	\$0.82	S.F.	\$0.83
Cold Mix Asphaltic Material Surface	\$1.04	S.F.	\$1.05
Hot Mix Asphaltic Material Surface – 2"	\$2.56	S.F.	\$2.59
Hot Mix Asphaltic Material Surface – 3"	\$3.75	S.F.	\$3.79
<i>Hot Mix Asphalt Material Surface – 4"</i>	<i>\$4.69</i>	<i>S.F.</i>	<i>\$4.74</i>
<i>Hot Mix Asphalt Material Surface – 5"</i>	<i>\$5.62</i>	<i>S.F.</i>	<i>\$5.68</i>
Hot Mix Asphaltic Material Surface – 6"	\$7.55	S.F.	\$7.63
Asphaltic Material Surface with Concrete Base	\$7.87	S.F.	\$7.95
Concrete Curb and Gutter, Type 'A'	\$20.20	L.F.	\$20.40
Concrete Sidewalk – 4"	\$4.28	S.F.	\$4.32
Concrete Sidewalk – 6"	\$5.05	S.F.	\$5.10
Concrete Sidewalk – 8"	\$5.82	S.F.	\$5.88
Pavement Reinforcement	\$0.62	S.F.	\$0.63
Concrete Driveways – 6"	\$4.62	S.F.	\$4.67
Concrete Driveways – 8"	\$5.57	S.F.	\$5.63
Concrete Pavement – 8" (6 bag)	\$5.21	S.F.	\$5.26
Concrete Pavement – 8" (HES)	\$6.30	S.F.	\$6.36
Finished Terraces	\$0.60	S.F.	\$0.61
<i>Crushed Aggregate Base Course – 9"</i>	<i>\$1.34</i>	<i>S.F.</i>	<i>\$1.35</i>
<i>Shouldering - 3'</i>	<i>\$3.12</i>	<i>L.F.</i>	<i>\$3.15</i>
<i>Shouldering - 4'</i>	<i>\$4.16</i>	<i>L.F.</i>	<i>\$4.20</i>
<i>Shouldering - 5'</i>	<i>\$5.20</i>	<i>L.F.</i>	<i>\$5.25</i>
<i>Shouldering - 6'</i>	<i>\$6.24</i>	<i>L.F.</i>	<i>\$6.30</i>
<i>Concrete Base</i>	<i>\$3.00</i>	<i>S.F.</i>	<i>\$3.03</i>
<i>Joint Sealing/Crack Filling</i>	<i>\$0.82</i>	<i>L.F.</i>	<i>\$0.83</i>
<i>Slag/Surface Sealing</i>	<i>\$0.82</i>	<i>S.Y.</i>	<i>\$0.83</i>
<i>Pavement Marking, Latex</i>	<i>\$3.09</i>	<i>L.F.</i>	<i>\$3.12</i>
<i>Pavement Marking, Epoxy</i>	<i>\$10.30</i>	<i>L.F.</i>	<i>\$10.40</i>

<i>Detectable Warning Field (Neenah)</i>	<i>\$19.31</i>	<i>S.F.</i>	<i>\$19.50</i>
<i>Adjust Manhole/Catch Basin Cover</i>	<i>\$154.50</i>	<i>EA.</i>	<i>\$156.05</i>
<i>Street Sweeping</i>	<i>\$88.33</i>	<i>HR</i>	<i>\$89.21</i>
<i>Traffic Control - Signs</i>	<i>\$5.15</i>	<i>Day</i>	<i>\$5.20</i>
<i>Traffic Control – Type III Barricade</i>	<i>\$6.18</i>	<i>Day</i>	<i>\$6.24</i>
<i>Traffic Control – Type II Barricade</i>	<i>\$2.06</i>	<i>Day</i>	<i>\$2.08</i>
<i>Traffic Control – Drums</i>	<i>\$4.12</i>	<i>Day</i>	<i>\$4.16</i>

(These changes represent a 1% increase over 2011. Proposed rate was rounded to the nearest penny.)

RECOMMENDATION

I recommend that the Board of Public Works establish the above rates for street surface replacement, to become effective January 1st, 2012.

Concurrence:



Steve Barg, City Administrator



Daniel G. Knoeck, P.E. Director of Public Works