

**APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY  
RECONSTRUCTION PHASING**

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## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-1  
Impervious Surface Reduction – Proposed Alley Reconstruction  
Year 1 (Calendar Year 2013)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Lincoln Ave and Providence St	605 Lincoln Ave	Windsor Ave	2,640
E 22 <sup>nd</sup> St and Regent St	Prince St	Queen St	4,480
Prince St and Queen St	2240 Prince St	Regent St	4,480
Prince St and Queen St	Regent St	E 24 <sup>th</sup> St	4,320
Queen St and Windsor Ave	Regent St	E 24 <sup>th</sup> St	3,200
Windsor Ave and Stafford St	Merz St	Ries St	8,240
Burden St and Balke St	Link St	Strauss St	5,280
Burden St and Balke St	Strauss St	Lawther St	4,400
Burden St and Balke St	Lawther St	Goethe St	4,400
Burden St and Balke St	Goethe St	Groveland Pl	7,040
Merz St and Ries St	Pleasant St	Windsor Ave	3,200
Edison St and Merz St	Stafford St	Windsor Ave	2,560
Maple St and Cedar St	E 14 <sup>th</sup> St	E 15 <sup>th</sup> St	4,560
Central Ave and White St	E 24 <sup>th</sup> St	E 25 <sup>th</sup> St	6,960
White St and Jackson St	E 24 <sup>th</sup> St	E 25 <sup>th</sup> St	3,200
W Locust St and Almond St	Ellis St	Foye St	15,120
Rhomberg Ave and Lincoln Ave	Johnson St	Windsor Ave	6,080
Rhomberg Ave and Lincoln Ave	Windsor Ave	Stafford St	6,240
Rhomberg Ave and Lincoln Ave	Stafford St	Humboldt St	6,320
Rhomberg Ave and Lincoln Ave	Humboldt St	Schiller St	6,000
Rhomberg Ave and Lincoln Ave	Schiller St	Farley St	5,520
Rhomberg Ave and Lincoln Ave	Farley St	Fengler St	4,800
Rhomberg Ave and Lincoln Ave	Fengler St	Ann St	6,640
Rhomberg Ave and Lincoln Ave	Ann St	Dock St	5,840
Rhomberg Ave and Lincoln Ave	Dock St	Marshall St	5,920
Garfield Ave and Rhomberg Ave	Marshall St	Decatur St	5,920
Garfield Ave and Rhomberg Ave	Decatur St	Hamilton St	7,040
<b>Total (SF):</b>			150,400
Note:			
1. Information on proposed alley projects was obtained from the February 12, 2013, letter from the City of Dubuque to the Iowa Department of Natural Resources, responding to comments with regard to the proposed pervious pavement reconstruction.			

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-2  
Impervious Surface Reduction – Proposed Alley Reconstruction  
Year 2 (Calendar Year 2014)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Francis St and Valeria St	Kaufmann Ave	W 23 <sup>rd</sup> St	7,920
Kaufmann Ave and W 23 <sup>rd</sup> St	Francis St	Valeria St	2,640
Lowell St and Clarke Dr	Paul St	Foye St	8,080
Lowell St and Clarke Dr	Foye St	Schroeder St	4,160
Schroeder St and Harold St	Clarke Dr	Lowell St	6,480
W 17 <sup>th</sup> St and Angella St	Cox St	Catherine St	11,680
W 11 <sup>th</sup> St and Chestnut St	Prairie St	Walnut St	3,600
Mt. Pleasant St and Wood St	Loras Blvd	Park St	15,200
Adair St and N Grandview Ave	Loras Blvd	Fillmore St	4,400
Adair St and N Grandview Ave	Fillmore St	Decorah St	4,320
Adair St and N Grandview Ave	Decorah St	Delaware St	6,320
N Grandview Ave and Atlantic St	Custer St	Loras Blvd	6,960
N Grandview Ave and Atlantic St	Loras Blvd	Fillmore St	4,400
N Grandview Ave and Atlantic St	Fillmore St	Decorah St	4,320
N Grandview Ave and Atlantic St	Decorah St	Delaware St	4,320
Green St and N Grandview Ave	Avoca St	N Algona St	4,960
University Ave and Delhi St	University Ave	N Grandview Ave	6,400
Ventura Dr and Broadway St	Pleasant View Dr	Putnam St	10,880
Fulton St and Kane St	King St	Monroe St	8,000
Ashton Pl and Avoca St	Decorah St	Delaware St	4,320
Asbury Rd and Finley St	Poplar St	Bunker Hill Rd	7,120
Jackson St and Washington St	E 25 <sup>th</sup> St	E 26 <sup>th</sup> St	13,920
<b>Total (SF):</b>			<b>150,400</b>

Note:

- Information on proposed alley projects was obtained from the February 12, 2013, letter from the City of Dubuque to the Iowa Department of Natural Resources, responding to comments with regard to the proposed pervious pavement reconstruction.

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-3**  
**Impervious Surface Reduction – Proposed Alley Reconstruction**  
**Year 3 (Calendar Year 2015)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Green St and Rosedale Ave	Avoca St	Asbury Rd	10,160
Rhomberg Ave and Lincoln Ave	Kniest St	Johnson St	7,200
Garfield Ave and Rhomberg Ave	Kniest St	Johnson St	7,200
Dorgan Pl	W 17 <sup>th</sup> St	Ellis St	13,000
White St and Jackson St	E 16 <sup>th</sup> St	E 17 <sup>th</sup> St	4,480
White St and Jackson St	E 18 <sup>th</sup> St	E 19 <sup>th</sup> St	4,480
White St and Jackson St	E 19 <sup>th</sup> St	E 20 <sup>th</sup> St	3,600
White St and Jackson St	E 20 <sup>th</sup> St	E 21 <sup>st</sup> St	6,080
White St and Jackson St	E 21 <sup>st</sup> St	E 22 <sup>nd</sup> St	7,360
Washington St and Elm St	E 27 <sup>th</sup> St	E 28 <sup>th</sup> St	9,920
Iowa St and Central Ave	W 10 <sup>th</sup> St	W 11 <sup>th</sup> St	4,320
Iowa St and Central Ave	W 11 <sup>th</sup> St	W 12 <sup>th</sup> St	4,480
Washington St and Elm St	E 22 <sup>nd</sup> St	E 24 <sup>th</sup> St	12,960
Washington St and Elm St	E 24 <sup>th</sup> St	E 25 <sup>th</sup> St	9,600
Central Ave and White St	E 9 <sup>th</sup> St	E 10 <sup>th</sup> St	4,240
Central Ave and White St	E 10 <sup>th</sup> St	E 11 <sup>th</sup> St	4,240
White St and Jackson St	E 10 <sup>th</sup> St	E 11 <sup>th</sup> St	4,240
White St and Jackson St	E 13 <sup>th</sup> St	E 14 <sup>th</sup> St	4,480
White St and Jackson St	E 14 <sup>th</sup> St	E 15 <sup>th</sup> St	4,480
Jackson St and Washington St	E 12 <sup>th</sup> St	E 13 <sup>th</sup> St	4,560
Jackson St and Washington St	E 13 <sup>th</sup> St	E 14 <sup>th</sup> St	4,480
Jackson St and Washington St	E 14 <sup>th</sup> St	E 15 <sup>th</sup> St	4,480
Jackson St and Washington St	E 15 <sup>th</sup> St	E 16 <sup>th</sup> St	4,560
Washington St and Elm St	E 11 <sup>th</sup> St	E 12 <sup>th</sup> St	4,560
<b>Total (SF):</b>			<b>149,160</b>
Note: 1. Information on proposed alley projects was obtained from the February 12, 2013, letter from the City of Dubuque to the Iowa Department of Natural Resources, responding to comments with regard to the proposed pervious pavement reconstruction.			

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-4  
Impervious Surface Reduction - Proposed Alley Reconstruction  
Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Adair St and Wood St	Fillmore St	Loras Blvd	6,400
Alta Pl and N Algona St	Fillmore St	Loras Blvd	4,400
Alta Pl and N Algona St	Decorah St	Fillmore St	4,320
Alta Pl and N Algona St	Delaware St	Decorah St	4,320
Alta Pl and N Algona St	Green St	Delaware St	5,440
Alta Vista St and Belmont St	Loras Blvd	Rose St	7,840
Alta Vista St and Center Pl	Rose St	University Ave	11,520
Asbury Rd and St Ambrose St	Rosedale Ave	Asbury Rd	3,040
Ashton Pl and Alta Pl	Delaware St	Decorah St	4,400
Atlantic St and N Grandview Ave	Dexster St	Delaware St	4,320
Auburn St and Atlantic St	Fillmore St	Loras Blvd	4,400
Auburn St and Atlantic St	Decorah St	Fillmore St	4,400
Auburn St and Atlantic St	Delaware St	Decorah St	4,400
Auburn St and Atlantic St	Dexster St	Delaware St	4,320
Auburn St and Atlantic St	N Grandview Ave	Dexter St	2,400
Belmont St and Cummins St	Loras Blvd	Rose St	8,320
Bluff St and Locust St	W 10th St	W 9th St	4,240
Bluff St and Locust St	W 10th St	North	2,080
Broadway St and Traut Terr	Diagonal St	Broadway St	6,160
Brunswick St and Balke St	Strauss St	Link St	3,600
Brunswick St and Balke St	Lawther St	South	2,960
Burden St and Argyle St	Goethe St	Lawther St	4,320
Burden St and Argyle St	Groveland Pl	Goethe St	3,760
Burden St and Hedley Ct	Lawther St	Strauss St	4,320
Caledonia Pl and Hill St	Hill St	north	4,000
<b>Total (SF):</b>			119,680
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-4**  
**Impervious Surface Reduction - Proposed Alley Reconstruction**  
**Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Center Pl and Race St	Rose St	W 11th St	4,960
Center Pl and Race St	Rose St	W 11th St	5,440
Center Pl and Wilson St	W 11th St	University Ave	5,760
Central Ave and White St	E 8th St	E 7th St	4,480
Central Ave and White St	E 15th St	E 14th St	4,480
Central Ave and White St	E 16th St	E 15th St	4,480
Central Ave and White St	E 16th St	E 17th St	4,480
Central Ave and White St	E 18th St	E 17th St	4,480
Clarke Dr and Rosedale Ave	St Ambrose St	N Grandview Ave	10,000
Cottage Pl and Lowell St	Woodworth St	East	5,280
Cottage Pl and Lowell St	Abbott St	Woodworth St	5,760
Cox St and Walnut St	Cox St	Chestnut St	6,080
Custer St and University Ave	Auburn St	Atlantic St	6,720
Custer St and University Ave	N Algona St	Auburn St	3,360
Davenport St and Lemon St	Stoltz St	South	2,080
Davenport St and Lemon St	Saunders St	Stoltz St	3,200
Davenport St and Lemon St	Saunders St	South	3,040
Davis St and Euclid St	Sheridan Rd	East	7,840
Diamond St and Milwaukee St	Central Ave	Jackson St	6,320
Edina St and Vernon St	Glen Oak St	Alta Vista St	4,000
Edith St and O'Neill St	Burden St	Sheridan St	8,960
Elm St and Pine St	E 12th St	E 13th St	4,560
Elm St and Pine St	E 13th St	E 14th St	4,480
Elm St and Pine St	E 18th St	E 17th St	4,320
Euclid St and Harlan St	Sheridan Rd	EAST	7,840
<b>Total (SF):</b>			<b>132,400</b>
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-4  
Impervious Surface Reduction - Proposed Alley Reconstruction  
Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Francis St and Central Ave	W 23rd St	Kaufmann Ave	8,320
Glen Oak St and Alta Vista St	Edina St	Vernon St	5,200
Glen Oak St and Alta Vista St	Edina St	north	7,840
Goethe St and Lawther St	Sheridan Rd	east	7,520
Green St and Cherry St	Asbury Rd	Avoca St	7,040
Harlan St and Goethe St	Sheridan Rd	east	7,600
Hill St and W 3rd St	Hill St	W 3rd St	10,080
Iowa St and Central Ave	W 15th St	Loras Blvd	4,480
Iowa St and Central Ave	W 16th St	W 15th St	4,480
Iowa St and Central Ave	W 16th St	W 17th St	4,480
Jackson St and Washington St	E 20th St	E 19th St	3,600
Jackson St and Washington St	E 21ST St	E 20th St	6,560
Jackson St and Washington St	E 22nd St	E 21ST St	7,200
Jackson St and Washington St	E 24th St	E 22nd St	15,680
Jackson St and Washington St	E 27th St	E 26th St	9,920
Jackson St and Washington St	E 28th St	E 27th St	10,000
Jackson St and Washington St	E 29th St	E 28th St	9,920
Jackson St and Washington St	E 30th St	E 29th St	9,920
Jackson St and Washington St	E 16th St	E 17th St	4,480
Jackson St and Washington St	E 19th St	E 18th St	5,200
Jackson St and Washington St	E 18th St	E 17th St	4,480
Kane St and Kaufmann Ave	Kaufmann Ave	Kaufmann Ave	8,640
Kane St and Muscatine St	Putnam St	Muscatine St	7,360
Lemon St and Central Ave	W 32nd St	W 30th St	14,400
Lincoln Ave and Rhomberg Ave	Hamilton St	Decatur St	6,880
<b>Total (SF):</b>			191,280
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			



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**Table D-4  
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Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Lincoln Ave and Rhomberg Ave	Decatur St	Marshall St	5,840
Locust St and Main St	W 9th St	W 8th St	4,240
Locust St and Main St	W 10th St	W 9th St	4,480
Locust St and Main St	W 11th St	W 10th St	4,480
Locust St and Main St	W 12th St	W 11th St	4,400
Locust St and Main St	W 13th St	W 12th St	4,480
Locust St and Main St	Loras Blvd	W 13th St	4,480
Locust St and Main St	W 15th St	Loras Blvd	4,480
Locust St and Main St	E 16th St	E 15th St	4,480
Loras Blvd and Arlington St	Prairie St	Dell St	10,400
Main St and Iowa St	W 9th St	W 8th St	3,520
Main St and Iowa St	W 10th St	W 9th St	4,480
Main St and Iowa St	W 11th St	W 10th St	4,480
Main St and Iowa St	W 12th St	W 11th St	4,480
Main St and Iowa St	W 13th St	W 12th St	4,480
Main St and Iowa St	Loras Blvd	W 13th St	4,480
Main St and Iowa St	W 15th St	Loras Blvd	4,480
Merz St and Edison St	Merz St	south	10,880
Milwaukee St and E 32nd St	Central Ave	Jackson St	6,320
Mt Pleasant St and Glen Oak St	Loras Blvd	south	3,840
Muscatine St and Davenport St	Sabula St	W 28th St	4,320
Muscatine St and Davenport St	Primrose St	Sabula St	5,280
Muscatine St and Davenport St	National St	Primrose St	5,120
Muscatine St and Davenport St	Stoltz St	National St	4,160
Muscatine St and Broadway St	Putnam St	Gay St	6,800
<b>Total (SF):</b>			<b>132,400</b>
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-4  
Impervious Surface Reduction - Proposed Alley Reconstruction  
Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
N Algona St and Auburn St	Fillmore St	Loras Blvd	4,400
N Algona St and Auburn St	Decorah St	Fillmore St	4,320
N Algona St and Auburn St	Delaware St	Decorah St	4,320
N Algona St and Auburn St	Dexster St	Delaware St	4,320
N Algona St and Auburn St	N Grandview Ave	Dexter St	3,760
N Booth St and Alta Vista St	Loras Blvd	Martha St	5,920
Nevada St and Alpine St	University Ave	South	9,920
O'Neill St and Groveland Pl	Burden St	Sheridan St	9,040
O'Neill St and Groveland Pl	Brunswick St	Burden St	11,840
Park St and VERNON St	Glen Oak St	Vernon St	5,760
Pine St and Maple St	E 15th St	E 14th St	4,560
Pine St and Maple St	E 16th St	E 15th St	4,480
Pleasant St and Merz St	Viola St	Merz St	8,240
Providence St and Lincoln Ave	Stafford St	Windsor Ave	6,160
Putnam St and Muscatine St	Primrose St	Sabula St	5,280
Putnam St and Muscatine St	National St	Primrose St	5,120
Putnam St and Muscatine St	Stoltz St	National St	4,000
Queen St and Windsor Ave	Edward St	E 24th St	8,960
Queen St and Windsor Ave	Henry St	Edward St	4,000
Queen St and Windsor Ave	Pfotzer St	Henry St	4,400
Queen St and Windsor Ave	Sutter St	Pfotzer St	4,400
Queen St and Windsor Ave	Clinton St	Sutter St	8,480
Queen St and Windsor Ave	Queen St	Clinton St	4,480
Race St and Walnut St	Rose St	W 11th St	4,880
Regent St and E 22nd St	Stafford St	Windsor Ave	5,440
<b>Total (SF):</b>			146,480
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-4  
Impervious Surface Reduction - Proposed Alley Reconstruction  
Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Rhomberg Ave and Garfield Ave	Windsor Ave	Johnson St	6,160
Rhomberg Ave and Garfield Ave	Stafford St	Windsor Ave	6,400
Rhomberg Ave and Garfield Ave	Humboldt St	Stafford St	6,400
Rhomberg Ave and Garfield Ave	Schiller St	Humboldt St	6,160
Rhomberg Ave and Garfield Ave	Farley St	Schiller St	5,600
Rhomberg Ave and Garfield Ave	Dock St	Ann St	6,080
Rhomberg Ave and Garfield Ave	Ann St	Fengler St	6,880
Rhomberg Ave and Garfield Ave	Fengler St	Farley St	4,960
Rose St and W 11th St	Center Pl	Race St	2,640
Ruby St and Diamond St	Central Ave	Jackson St	6,240
St Ambrose St and Avoca St	Rosedale Ave	south	5,280
Sheridan Rd and Windsor Ave	Goethe St	south	2,080
Sheridan Rd and Windsor Ave	Harlan St	Goethe St	4,000
Sheridan Rd and Windsor Ave	Euclid St	Harlan St	4,000
Sheridan Rd and Windsor Ave	Davis St	Euclid St	4,000
Stafford St and Althausen St	Merz St	Edison St	5,760
Strauss St and Burden St	Burden St	Windsor Ave	8,320
University Ave and Oxford St	Alta Vista St	Yale Ct	7,840
University Ave and W 5th St	Nevada St	Alpine St	4,320
University Ave and W 8th St	Wilson St	east	3,920
Vernon St and Loras Blvd	Vernon St	Glen Oak St	5,760
W 11th St and Jefferson St	Spruce St	Olive St	5,760
W 11th St and Jefferson St	Walnut St	Spruce St	5,760
W 16th St and W 15th St	Cornell St	east	2,480
W 5th St and W 3RD St	Melrose Terr	Winona St	4,720
<b>Total (SF):</b>			131,520
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-4  
Impervious Surface Reduction - Proposed Alley Reconstruction  
Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
W 5th St and W 3rd St	Winona St	Hill St	3,520
W 5th St and W 3rd St	Winona St	Hill St	6,400
W 5th St and W 4th St	Burch St	Summit St	5,120
W 8th St and Hill St	Caledonia St	west	4,800
W Locust St and Main St	E 16th St	E 17th St	4,560
Washington St and Elm St	E 12th St	E 13th St	4,480
Washington St and Elm St	E 13th St	E 14th St	4,480
Washington St and Elm St	E 15th St	E 14th St	4,560
Washington St and Elm St	E 16th St	E 17th St	4,480
Washington St and Elm St	E 29th St	E 28th St	9,920
Washington St and Elm St	E 30th St	E 29th St	9,920
Washington St and Elm St	E 19th St	E 18th St	5,200
Washington St and Elm St	E 26th St	E 25th St	15,040
Washington St and Elm St	E 16th St	E 15th St	4,560
White St and Jackson St	E 16th St	E 15th St	4,640
White St and Jackson St	E 18th St	E 17th St	4,480
White St and Jackson St	E 12th St	E 11th St	4,480
White St and Jackson St	E 12th St	E 13th St	4,560
White St and Jackson St	E 10th St	E 9th St	4,400
Wilson St and Caledonia Pl	W 8th St	Wilson St	12,400
Wilson St and Walnut St	University Ave	north	1,920
Windsor Ave and Stafford St	E 24th St	E 22nd St	7,040
Winona St and Hill St	W 5th St	W 3rd St	5,920
Providence St and Lincoln Ave	Windsor Ave	south	2,640
E 24th St and E 22ND St	Queen St	Prince St	4,480
<b>Total (SF):</b>			<b>144,000</b>
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-4**  
**Impervious Surface Reduction - Proposed Alley Reconstruction**  
**Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Prince St and Queen St	Regent St	south	4,480
Prince St and Queen St	E 24th St	Regent St	4,320
Queen St and Windsor Ave	E 24th St	Regent St	3,200
Windsor Ave and Stafford St	Ries St	Merz St	8,240
Balke St and Burden St	Strauss St	Link St	5,280
Balke St and Burden St	Lawther St	Strauss St	4,400
Balke St and Burden St	Goethe St	Lather St	4,400
Balke St and Burden St	Groveland Pl	Goethe St	7,040
Ries St and Merz St	Stafford St	west	3,200
Windsor Ave and Stafford St	Merz St	south	2,560
Maple St and Cedar St	E 15th St	E 14th St	4,560
Central Ave and White St	E 25th St	White St	6,960
White St and Jackson St	E 25th St	White St	3,200
Almond St and W Locust St	Foye St	Ellis St	15,120
Lincoln Ave and Rhomberg Ave	Windsor Ave	Johnson St	6,080
Lincoln Ave and Rhomberg Ave	Stafford St	Windsor Ave	6,240
Lincoln Ave and Rhomberg Ave	Humboldt St	Stafford St	6,320
Lincoln Ave and Rhomberg Ave	Schiller St	Humboldt St	6,000
Lincoln Ave and Rhomberg Ave	Farley St	Schiller St	5,520
Lincoln Ave and Rhomberg Ave	Fengler St	Farley St	4,800
Lincoln Ave and Rhomberg Ave	Ann St	Fengler St	6,640
Lincoln Ave and Rhomberg Ave	Dock St	Ann St	5,840
Lincoln Ave and Rhomberg Ave	Marshall St	Dock St	5,920
Rhomberg Ave and Garfield Ave	Decatur St	Marshall St	5,920
Rhomberg Ave and Garfield Ave	Hamilton St	Decatur St	7,040
<b>Total (SF):</b>			<b>143,280</b>
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			

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**Table D-4  
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Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
Valeria St and Francis St	W 23rd St	Kaufmann Ave	7,920
W 23rd St and Kaufmann Ave	Valeria St	east	2,640
Lowell St and Clarke Dr	Foye St	Paul St	8,080
Lowell St and Clarke Dr	Schroeder St	Foye St	4,160
Harold St and Schroeder St	Lowell St	Clarke Dr	6,480
Angella St and W 17th St	Cox St	east	11,680
Chestnut St and W 11th St	Walnut St	Prairie St	3,600
Wood St and Mt Pleasant St	Wood St	Loras Blvd	15,200
N Grandview Ave and Adair St	Fillmore St	Loras Blvd	4,400
N Grandview Ave and Adair St	Decorah St	Fillmore St	4,320
N Grandview Ave and Adair St	Delaware St	Decorah St	6,320
Atlantic St and N Grandview Ave	Loras Blvd	Custer St	6,960
Atlantic St and N Grandview Ave	Fillmore St	Loras Blvd	4,400
Atlantic St and N Grandview Ave	Decorah St	Fillmore St	4,320
Atlantic St and N Grandview Ave	Delaware St	Decorah St	4,320
N Grandview Ave and Green St	Avoca St	east	4,960
University Ave and Delhi St	University Ave	N Grandview Ave	6,400
Broadway St and Pleasant View Dr	Broadway St	Ventura Dr	10,880
Kane St and Fulton St	Monroe St	south	8,000
Avoca St and Ashton Pl	Delaware St	Decorah St	4,320
Jackson St and Washington St	E 26th St	E 25th St	13,920
Rosedale Ave and Green St	Asbury Rd	Avoca St	10,160
Lincoln Ave and Rhomberg Ave	Johnson St	south	7,200
Rhomberg Ave and Garfield Ave	Johnson St	south	7,200
Ellis St and Madison St	Ellis St	W 17th St	10,400
<b>Total (SF):</b>			178,240
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			

## APPENDIX D: IMPERVIOUS SURFACE REDUCTION ALLEY RECONSTRUCTION PHASING

**Table D-4**  
**Impervious Surface Reduction - Proposed Alley Reconstruction**  
**Year 4 and Beyond (Calendar Year 2016 and Beyond)**

Parallel Bounding Streets	Beginning Point of Alley Reconstruction	End Point of Alley Reconstruction	Approximate Pervious Pavement Square Footage (SF)
White St and Jackson St	E 16th St	E 17th St	4,480
White St and Jackson St	E 19th St	E 18th St	4,480
White St and Jackson St	E 20th St	E 19th St	3,600
White St and Jackson St	E 21ST St	E 20th St	6,080
White St and Jackson St	E 22ND St	E 21ST St	7,360
Washington St and Elm St	E 28th St	E 27th St	9,920
Iowa St and Central Ave	W 11th St	W 10th St	4,320
Iowa St and Central Ave	W 12th St	W 11th St	4,480
Washington St and Elm St	Washington St	Washington St	12,960
Washington St and Elm St	E 25th St	Washington St	9,600
Central Ave and White St	E 10th St	E 9th St	4,240
Central Ave and White St	E 10th St	E 11th St	4,240
White St and Jackson St	E 10th St	E 11th St	4,240
White St and Jackson St	E 13th St	E 14th St	4,480
White St and Jackson St	E 15th St	E 14th St	4,480
Jackson St and Washington St	E 12th St	E 13th St	4,560
Jackson St and Washington St	E 13th St	E 14th St	4,480
Jackson St and Washington St	E 15th St	E 14th St	4,480
Jackson St and Washington St	E 16th St	E 15th St	4,560
Washington St and Elm St	E 12th St	E 11th St	4,560
<b>Total (SF):</b>			111,600
Note:			
1. Information obtained from Dubuque Area Geographical Information System (DAGIS).			

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