CITY OF COLUMBUS

FIVE YEAR STREET PLAN

2013 UPDATE

COLUMBIA COUNTY, WISCONSIN

OCTOBER 2013

RUEKERT/MIELKE
258 Corporate Drive, Suite 200
Madison, WI 53714

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10/31/2013

City of Columbus
Five Year Street Plan Update

Introduction

The City of Columbus Five Year Street Plan was originally completed by Ruekert and Mielke for the City of Columbus in September 2010 and updated in August 2011. The purpose of this update is to update all City street ratings on a bi-annual basis to meet the Wisconsin Department of Transportation (WisDOT) requirement for local roadway funding. After ratings are updated an update to the five year street plan is performed. In addition to the roadway ratings Ruekert/Mielke also updated roadway characteristics; construction cost tables, and proposed capital improvement projects during the 2013 review. All updates occurred within the WisDOT sponsored WISLR system (Wisconsin Information System for Local Roads). This system provides communities the necessary tools to monitor, evaluate, and record existing road conditions while also recommending potential capital improvement and maintenance projects based on the PASER (Pavement Surface Evaluation and Rating) rating scale for local roadways but not connecting state highways.

Pavement Rating Results

Over the past two years the pavement ratings within the City of Columbus have held consistent. The high quality roads (PASER ratings 7-10) have not varied over the past two years. In 2011 59% of the streets were rated between a 7-10, now in 2013 59% of the streets are still rated between a 7-10 on the PASER rating scale. This shows the new improvements and maintenance being performed as a part of the 2010 CIP, and 2011 update has helped keep the high quality streets in good condition.

The average quality roads (PASER ratings 5-6) have increased the most of any category over the past four years. In 2009 9% of city streets were rated between a 5-6 and in 2013 13% of city streets are rated between a 5-6 on the PASER ratings scale. This increase in average quality roads may be due to deteriorating high quality streets or improvements to poor quality streets through the past capital improvement and maintenance efforts of the 4% increase 3% has occurred in the last two years.

Lastly the below average to poor quality roads (PASER ratings 1-4) continued to see a net positive change. Streets rated between the 3-4 PASER rating group and the 1-2 PASER rating group both saw the percentage of roadways within each category decrease. From 2011 to 2013 the percentage of streets rated between a 3-4 on the PASER rating scale decreased from 18% to 17%, while the percentage of streets rated between a 1-2 on the PASER rating scale decreased from 13% to 11%. This decrease in low quality roads is a positive impact on the City street ratings as more poor quality roads are being improved through the current CIP. While the current CIP is improving poor quality roadways, deterioration of the high quality roadways (PASER ratings 7-10) is being delayed and/or eliminated through the annual maintenance activities. With the CIP and maintenance activities in place for several years now, the City has seen a net positive impact in all PASER rating groups. This pattern reflects the overall improvement of the City streets through the Five Year Street Plan and its updates.

City Streets Updates

As a part of the 2011 update and continued within this 2013 update, several minor discrepancies were found and corrected in the existing Wisconsin Information System for Local Roads (WISLR) program. These discrepancies include street widths, lengths, pavement types, offset distances, curb types, and changes in street names. In addition, newly annexed or platted roadways have been added. With all pavement and street information correct within the WISLR system, the City can use this data to accurately forecast street improvements. In addition to the pavement updates, all cost tables used for cost estimating within the WISLR program were updated as well. These cost tables represent unit prices that support all maintenance or capital improvement costs associated with each type of roadway within the City.

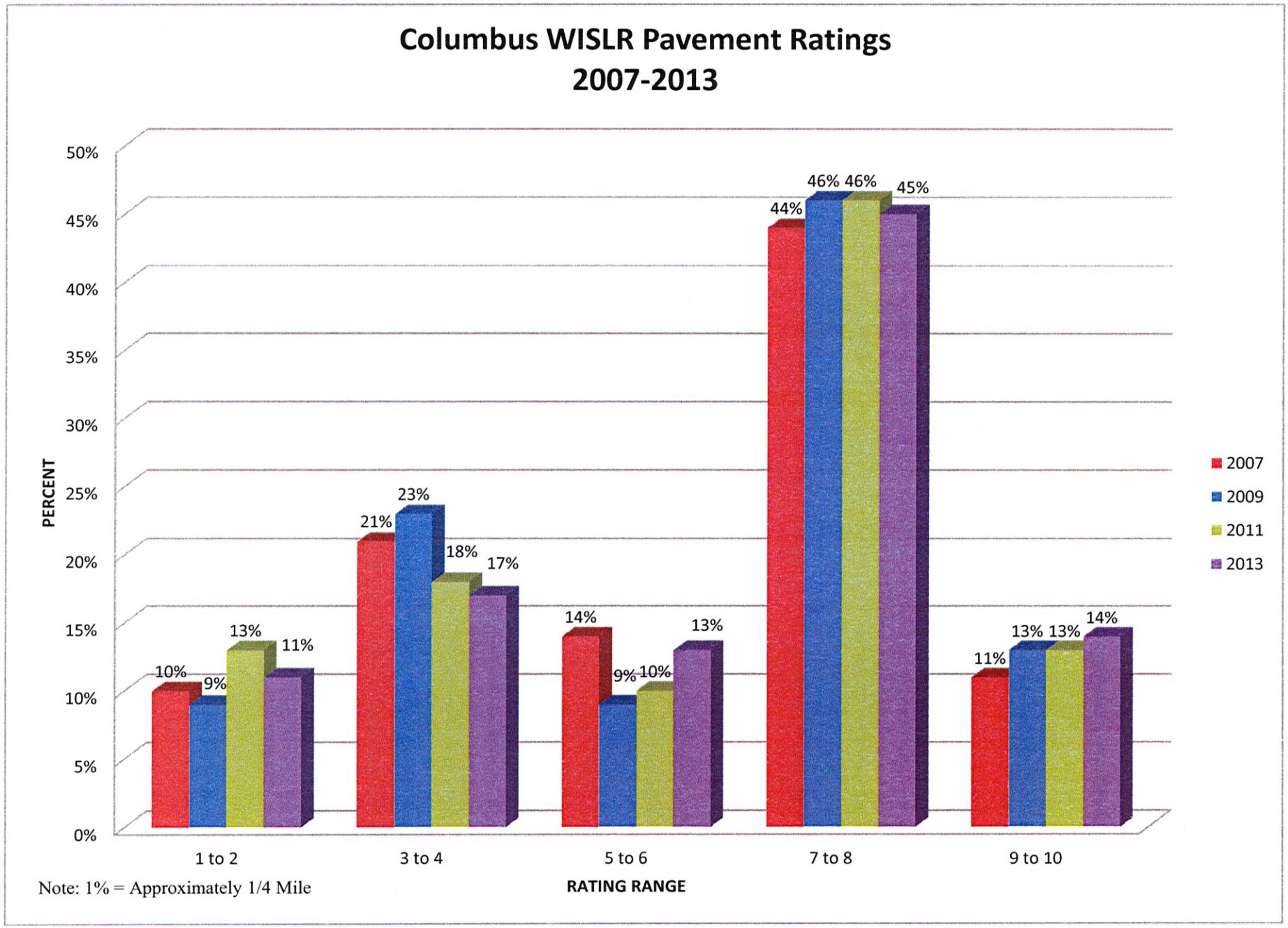
Comparison of 2013 Updates to 2010, and 2011 Update

After comparing the new updated 2013 information with the 2010 and 2011 update, no major changes were observed. All plans show that the current capital improvement and maintenance plans will continue to increase the amount of high quality streets (PASER ratings 7-10) and decrease the lower quality streets (PASER ratings 1-4). This increase in high quality streets will be achieved through capital improvement of deteriorated streets and maintenance of high quality streets over the 5 year duration.

Recommendation

With the 2013 update showing no major changes to the 2010, or 2011 CIP update it is recommended the City of Columbus continue on their current path. This path includes a five year average annual budget of $500,000 for street maintenance and capital improvement projects to increase street quality throughout the City. This budgeting would allow the City to obtain over 87% of its roadways rated above a 7 on the PASER rating scale, and less than 11% of the roadways rated less than a 4 on the PASER rating scale at the end of the 5 year cycle. Below are five key points that should be considered when budgeting and planning for capital improvement and maintenance projects going forward.

- With no reconstruction project in 2013 the plan showed an increase in pavement condition due to new development and street construction.
- Patching although necessary does NOT improve the overall street ratings.
- Even if the full amount of money ($500,000) for capital improvements is not available, the City should still spend as much as they are able to afford to ensure some capital improvements get completed.
- Doing NO capital improvements will make graph and charts go in the opposite direction then the way they are currently trending. (Would become a negative impact on roadway conditions within City.)
- City should continue to seek grants and aid such as Columbia County Aid Program, and Local Roadway Improvement Plan (LRIP) from WisDOT on an annual basis to supplement funding.


Columbus WISLR Pavement Ratings
2007-2013
50%
45%
40%
35%
30%
25%
20%
15%
10%
5%
0%
PERCENT
10%
9%
13%
11%
21%
23%
18%
17%
14%
9%
10%
13%
44%
46%
46%
45%
11%
13%
13%
14%
1 to 2
3 to 4
5 to 6
7 to 8
9 to 10
RATING RANGE
2007
2009
2011
2013
Note: 1% = Approximately 1/4 Mile

Five Year Pavement Forecast

COLUMBUS (C)

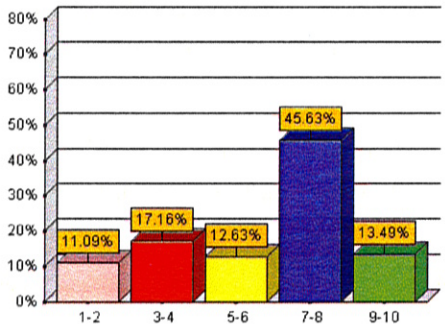
October 29, 2013

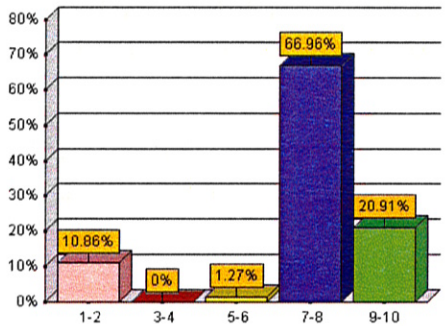
Plan Year	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Annual Budget Constraint	500000	500000	500000	500000	500000	2500000
Actual Dollars Expended	290996	1046701	487167	540618	184690	2550173
Backlog of Needs Not Addressed in 5-Yr Plan						5915193

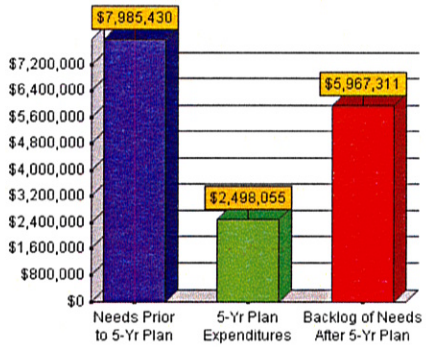
Surface Type | **Condition before plan** | **Condition after Plan** | **Pavement Need & Expenditure Graphic**

Paved

(27.33 Miles)

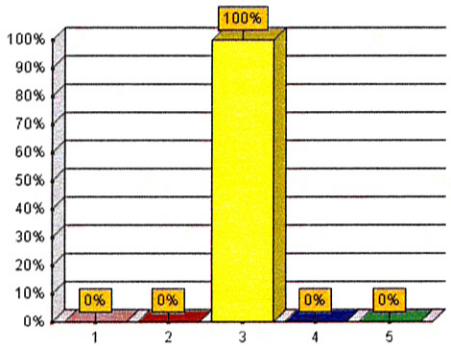


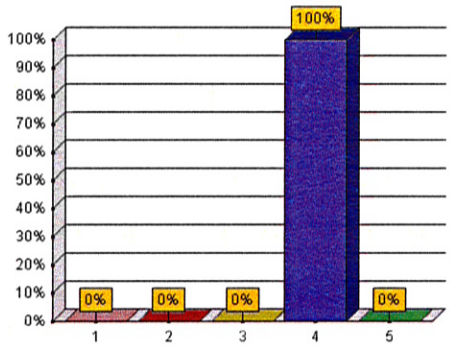




Unpaved

(0.04 Miles)





***The information shown is based on actual data. Pavement sections without actual rating data were not included in this analysis.*

There were 27.37 miles of rated roadways and 0.0 miles of unrated roadways.

2013 Update-Year 1

Muni:	COLUMBUS (C)	October 29, 2013					
Year:	1	2	3	4	5	Backlog	
Budget:	500000	500000	500000	500000	500000	5915193	
Expenditures:	290996	1046701	487167	540618	184690		

On Route	At Route	At Offset	Toward Route	To Offset	Length	Width	Surface Type	Pvmt Rtg (Year 1)	Pvmt Rtg (Year 5)	Action	Cost	Cap/Maint
Access Rd	Farnham St, STH 89	200	Termini	422	222	22	70	6	7	Single Sealcoat	1273	M
Ann St	Meadow Ln	0	Hamilton St	264	264	32	70	7	7	Crack Sealing	375	M
Ann St	Meadow Ln	1003	Anna Cir	1161	158	32	70	7	7	Crack Sealing	224	M
Ann St	Anna Cir	0	Meadow Ln	158	158	32	65	7	7	Crack Sealing	224	M
Anna Cir	Ann St	0	Termini	264	264	32	65	7	7	Crack Sealing	375	M
Avalon Rd	Wildwood Dr	0	Sunset Cir	264	264	36	65	7	7	Crack Sealing	422	M
Avalon Rd	Parkview Dr	0	W Avalon Rd, B151, Park Ave, STH 73	264	264	34	70	7	7	Crack Sealing	398	M
Badger Ct	Cardinal Dr	0	Termini	274	274	32	70	7	7	Crack Sealing	389	M
Birdsey St	Mill St	317	Newcomb St	739	422	28	70	7	7	Crack Sealing	524	M
Birdsey St	Prairie St	0	Harrison St	200	200	28	70	7	7	Crack Sealing	248	M
Brevity Ln	Dix St	211	Termini	686	475	31	70	7	7	Crack Sealing	654	M
Brevity Ln	Dix St	0	Warner St	211	211	31	70	7	7	Crack Sealing	290	M
Brevity Ln	Hibbard St	0	Dix St	317	317	20	70	1	1	Reconstruct	84029.44	
Brookside Ln	Fairway Dr	1320	Avalon Rd	1954	634	32	70	7	7	Crack Sealing	901	M
Campbell St	STH 16, STH 60, Campbell St	260	Chisholm Rd	422	162	20	65	7	7	Crack Sealing	144	M
Campbell St	Chisholm Rd	0	Termini	422	422	20	65	6	7	Single Sealcoat	2201	M
Cardinal Dr	Waterloo St	0	Termini	581	581	32	70	7	7	Crack Sealing	826	M
Center St	CTH K, Fuller St	0	Hamilton St	370	370	32	70	7	7	Crack Sealing	526	M
Chapin St	Dix St	0	Turner St	739	739	32	65	7	7	Crack Sealing	1050	M
Chapin St	Termini	0	Dix St	475	475	31	70	7	7	Crack Sealing	654	M
Chapin St	Warner St	264	Dix St	475	211	31	70	7	7	Crack Sealing	290	M
Chapin St	Turner St	0	Hibbard St	264	264	20	65	7	7	Crack Sealing	234	M
Charles St	Richmond St	0	Narrow St	1004	1004	26	70	7	7	Crack Sealing	1160	M
Columbus-Fall River	STH 16, Columbus-Fall River Rd	1103	Rabl Rd, Columbus-Fall River Rd	1449	346	24	65	7	7	Crack Sealing	368	M
Dawn Ct	Williams St	686	Termini	1267	581	34	65	7	7	Crack Sealing	877	M
Dickason Blvd	CTH K, Fuller St	0	James St, STH 16, STH 60	2006	2006	48	65	7	7	Crack Sealing	4279	M
Dickason Blvd	James St, STH 16, STH 60	0	Mill St	422	422	60	65	6	7	Single Sealcoat	6610	M
Dickason Blvd	Mill St	0	Termini	633	633	60	65	6	7	Single Sealcoat	9917	M
Fairway Dr	B151, Park Ave, STH 73	0	Parkview Cir, Parkview Dr	211	211	32	70	7	7	Crack Sealing	300	M
Faith Dr	B151, Park Ave, STH 73	0	Tower Dr	897	897	28	70	6	7	Single Sealcoat	6556	M
Franklin St	Birdsey St	0	Lewis St	422	422	24	70	6	7	Single Sealcoat	2643	M
Frisch Dr	Industrial Dr	0	Termini	264	264	32	70	7	7	Crack Sealing	375	M
Hall Rd	STH 16, Hall Rd	203	Freck Rd, Hall Rd	1586	1383	22	65	7	7	Crack Sealing	1352	M
Hall Rd	STH 16, Hall Rd	1864	Freck Rd, Hall Rd	1969	105	22	65	7	7	Crack Sealing	102	M
Hamilton St	CTH K, Dix St	0	Termini	1215	1215	28	65	7	7	Crack Sealing	1512	M
Harrison St	Dickason Blvd	0	STH 73	370	370	24	70	6	7	Single Sealcoat	2317	M
Harrison St	STH 73	0	Water St	370	370	24	65	6	7	Single Sealcoat	2317	M
Hillside Ln	Faith Dr	0	Termini	370	370	32	65	6	7	Single Sealcoat	3090	M
Industrial Dr	Frisch Dr	53	Termini	1056	1003	35	65	7	7	Crack Sealing	1560	M
Industrial Dr	Dix St, James St, STH 16, STH 60	0	Termini	581	581	35	65	7	7	Crack Sealing	903	M
Ingalsbe Rd	B151, Park Ave, STH 73	0	Termini	739	739	28	65	7	7	Crack Sealing	919	M
Ingalsbe Rd	B151, Park Ave, STH 73	739	Termini	1003	264	28	65	6	7	Single Sealcoat	1929	M
Main St	Oak St	0	Termini	317	317	24	65	7	7	Crack Sealing	338	M
Manning St	Waterloo St	0	James St, STH 16, STH 60	792	792	26	70	7	7	Crack Sealing	915	M
Maple Rd	Hibbard St	0	Dix St	1636	1636	44	75	6	7	Patching and Crack/Joint Sealing	45028	M
Meadow Ln	Tower Dr	0	Martha Rd	792	792	32	65	7	7	Crack Sealing	1126	M
Meadow Ln	Martha Rd	0	Ann St	422	422	32	70	7	7	Crack Sealing	600	M
Meister Dr	Maple Ave, Maple Rd	0	James St, STH 16, STH 60	845	845	24	70	6	7	Single Sealcoat	5294	M
Mill St	STH 73	0	Water St	370	370	25	65	7	7	Crack Sealing	410	M
Mill St	Spring St	0	Dickason Blvd	370	370	28	60	3	9	Mill and Overlay	27704	C
Mill St	Dickason Blvd	0	STH 73	370	370	25	65	3	9	Mill and Overlay	24719	C
Newcomb St	Lewis St	0	Birdsey St	370	370	29	70	7	7	Crack Sealing	476	M
Newcomb St	Birdsey St	0	Termini	106	106	18	70	7	7	Crack Sealing	84	M
Poet St	Farnham St, STH 89	0	Waterloo St	950	950	28	70	7	7	Crack Sealing	1182	M
Ridgeline Dr	Highview Ln	0	Fieldstone Trl	433	433	28	70	7	7	Crack Sealing	538	M
River Rd	STH 16, STH 60, River Rd, Tri County Rd	0	Johnson Rd, Tri County Rd, River Rd	2271	2271	30	70	7	7	Crack Sealing	3028	M

2013 Update-Year 1

Muni:	COLUMBUS (C)	October 29, 2013				
Year:	1	2	3	4	5	Backlog
Budget:	500000	500000	500000	500000	500000	5915193
Expenditures:	290996	1046701	487167	540618	184690	

On Route	At Route	At Offset	Toward Route	To Offset	Length	Width	Surface Type	Pvmt Rtg (Year 1)	Pvmt Rtg (Year 5)	Action	Cost	Cap/Maint
River Rd	STH 16, STH 60, River Rd, Tri County Rd	3960	Johnson Rd, Tri County Rd, River Rd	4277	317	24	65	7	7	Crack Sealing	338	M
River Rd	STH 16, STH 60, River Rd, Tri County Rd	4277	Johnson Rd, Tri County Rd, River Rd	4502	225	24	65	7	7	Crack Sealing	240	M
River Rd	STH 16, STH 60, River Rd, Tri County Rd	3696	Johnson Rd, Tri County Rd, River Rd	3828	132	24	65	7	7	Crack Sealing	140	M
School St	B151, Ludington St, STH 73	0	Waterloo St	1162	1162	25	65	7	7	Crack Sealing	1290	M
Selden St	Hibbard St	100	Charles St	370	270	34	70	7	7	Crack Sealing	408	M
Selden St	Birdsey St	150	Main St	422	272	24	75	6	7	Patching and Crack/Joint Sealing	4081	M
Stuart St	Termini	0	B151, Park Ave, STH 73, Tower Dr	475	475	28	65	7	7	Crack Sealing	590	M
Sturges St	Unknown	0	Dix St	475	475	32	70	7	7	Crack Sealing	675	M
Sturges St	Warner St	264	Dix St	475	211	32	70	7	7	Crack Sealing	300	M
Sunset Cir	Termini	0	Avalon Rd	950	950	32	65	7	7	Crack Sealing	1350	M
Sunset Rd	Termini	0	Dix St	475	475	28	70	7	7	Crack Sealing	590	M
Sunset Rd	Turner St	0	Hibbard St	686	686	18	70	7	7	Crack Sealing	548	M
Sunset Rd	Dix St	0	Turner St	686	686	28	65	6	7	Single Sealcoat	5014	M
Sunset Rd	Warner St	264	Dix St	475	211	28	70	6	7	Single Sealcoat	1541	M
Tower Dr	B151, Park Ave, STH 73, Stuart St	0	CTH K, Hamilton St	2007	2007	36	65	7	7	Crack Sealing	3211	M
Transit Dr	Commerce Dr	0	STH 60	792	792	24	70	6	7	Single Sealcoat	4963	M
Udey St	James St, STH 16, STH 60	0	Termini	264	264	20	70	7	7	Crack Sealing	234	M
W Avalon Rd	Termini	0	Avalon Rd, B151, Park Ave, STH 73	322	322	36	70	7	7	Crack Sealing	515	M
Warner St	Fuller St	528	Sunset Rd	2324	1796	28	70	7	7	Crack Sealing	2234	M
Waterloo St	Farnham St, STH 89	0	Poet St	2112	2112	28	65	7	7	Crack Sealing	3072	M
Waterloo St	Farnham St, STH 89	2112	Poet St	2482	370	27	65	7	7			
Waterloo St	Poet St	0	Williams St	1056	1056	27	65	7	7	Crack Sealing	1267	M
Wildwood Dr	Avalon Rd	0	Sunset Cir	1109	1109	32	65	7	7	Crack Sealing	1577	M
										TOTAL YEAR COST	**$290,996**	

2013 Update-Year 2

Muni:	COLUMBUS (C)	October 29, 2013				
Year:	1	2	3	4	5	Backlog
Budget:	500000	500000	500000	500000	500000	5915193
Expenditures:	290996	1046701	487167	540618	184690	

On Route	At Route	At Offset	Toward Route	To Offset	Length	Width	Surface Type	Pvmt Rtg (Year 1)	Pvmt Rtg (Year 5)	Action	Cost	Cap/Maint
Access Rd	Farnham St, STH 89	0	Termini	200	200	22	70	5	6	Sealcoat with Patching	1381	M
Avalon Rd	Sunset Cir	0	Brookside Ln	317	317	36	65	5	7	Sealcoat with Patching	3588	M
Birdsey St	Mill St	0	Newcomb St	317	317	28	65	5	7	Sealcoat with Patching	2790	M
Blackhawk Dr	Termini	211	James St, Maple Rd, STH 16, STH 60	686	475	32	65	5	7	Sealcoat with Patching	4777	M
Commercial Dr	Dix St	0	Maple Ave, Maple Rd	2270	2270	24	70	4	9	Resurfacing	56292	C
Continental Dr	James St, STH 16, STH 60	150	Termini	1637	1487	24	65	5	7	Sealcoat with Patching	11220	M
Folsom St	Farnham St, STH 89	0	Waterloo St	845	845	32	70	1	1	Reconstruct	358557	
Fountain St	Main St	0	Termini	158	158	24	65	5	0	NULL	1191	M
Maple Rd	Blackhawk Dr, James St, STH 16, STH 60	0	Maple St	158	158	44	75	5	6	Patching and Joint Repair	5797	M
Maple Rd	Maple St	0	Hibbard St	106	106	44	70	5	6	Sealcoat with Patching	1465	M
Maple Rd	Dix St	200	Transit Dr	3485	3285	22	70	4	9	Resurfacing	74679	C
Mill St	Lewis St	0	Main St	792	792	24	75	2	0	NULL	346938	C
Mill St	Main St	0	Spring St	370	370	25	65	1	10	Reconstruct	135081	C
Oak St	Main St	0	Spring St	370	370	27	65	5	7	Sealcoat with Patching	3141	M
Oak St	Spring St	0	Dickason Blvd	422	422	20	65	5	7	Sealcoat with Patching	2651	M
Transit Dr	Maple Ave, Maple Rd	0	Commerce Dr	1056	1056	24	70	5	6	Sealcoat with Patching	7969	M
Warner St	Fuller St	0	Brevity Ln	370	370	28	65	5	6	Sealcoat with Patching	3257	M
Warner St	Fuller St	370	Brevity Ln	528	158	27	70	5	7	Sealcoat with Patching	1341	M
Water St	School St	0	James St, STH 16, STH 60	1110	1110	28	65	5	7	Sealcoat with Patching	9771	M
Waterloo St	School St	0	Manning St	528	528	27	60	5	7	Sealcoat with Patching	4482	M
Waterloo St	Manning St	0	James St, STH 16, STH 60	475	475	27	65	5	7	Sealcoat with Patching	4032	M
Waterloo St	Williams St	0	School St	158	158	27	65	5	7	Sealcoat with Patching	1341	M
Whitney St	Water St	0	Termini	370	370	22	65	5	7	Sealcoat with Patching	2558	M
Wisconsin St	Birdsey St	0	Lewis St	317	317	24	70	5	7	Sealcoat with Patching	2391	M
										TOTAL YEAR COST	**$1,046,701**	

2013 Update-Year 3

Muni:	COLUMBUS (C)	October 29, 2013					
Year:	1	2	3	4	5	Backlog	
Budget:	500000	500000	500000	500000	500000	5915193	
Expenditures:	290996	1046701	487167	540618	184690		

On Route	At Route	At Offset	Toward Route	To Offset	Length	Width	Surface Type	Pvmt Rtg (Year 1)	Pvmt Rtg (Year 5)	Action	Cost	Cap/Maint
Birdsey St	Harrison St	0	James St, STH 16, STH 60	200	200	24	60	4	9	Resurfacing	4956	C
Fountain St	Charles St	0	Lewis St	370	370	24	70	4	9	Resurfacing	9169	C
Fountain St	Hibbard St, Sturges St	0	Charles St	370	370	20	65	4	9	Resurfacing	7644	C
Hurrelle St	Maple Ave, Maple Rd	0	James St, STH 16, STH 60	634	634	32	65	3	9	Mill and Overlay	47266	C
John St	Hamilton St	0	CTH K, Fuller St	370	370	22	65	4	9	Resurfacing	8407	C
Lewis St	Wisconsin St	1531	Metzger Ct, Old 73	2850	1319	22	65	3	9	Mill and Overlay	67607	C
Lewis St	CTH K, Fuller St	0	Franklin St	370	370	24	70	7	7	Crack Sealing	394	M
Lewis St	James St, STH 16, STH 60	211	Mill St	317	106	24	70	7	7	Crack Sealing	112	M
Lewis St	Mill St	0	Chapel St	528	528	24	75	7	7	Joint Sealing	746	M
Lewis St	Chapel St	0	Newcomb St	211	211	25	70	7	7	Crack Sealing	234	M
Lewis St	Newcomb St	0	Thayer St	158	158	24	70	7	7	Crack Sealing	168	M
Main St	School St	0	Mill St	1480	1480	24	70	7	7	Crack Sealing	1578	M
Maple Rd	Dix St	0	Commercial Dr	200	200	22	75	4	9	Overlay w/ patching or Full Depth Repair	9686	C
Middleton St	STH 73, B151	0	Dickason Blvd	370	370	32	70	7	7	Crack Sealing	526	M
Parkview Cir	Fairway Dr, Parkview Dr	0	Termini	686	686	32	70	3	9	Mill and Overlay	51145	C
Prairie St	STH 73	0	Water St	370	370	24	75	4	9	Overlay w/ patching or Full Depth Repair	19572	C
Prairie St	Hibbard St	0	Charles St	370	370	21	70	4	9	Resurfacing	8025	C
Prairie St	Main St	0	Dickason Blvd	740	740	24	75	3	9	Crack, Seat and Overlay or Full Depth Repair and Slab Replacement	68699	C
Richmond St	Lewis St	0	Main St	740	740	24	70	7	7	Crack Sealing	789	M
Ridgeview Ln	Avalon Rd	0	Termini	1267	1267	36	70	7	7	Crack Sealing	2027	M
Robbins Rd	Commercial Dr	0	Termini	634	634	24	70	4	9	Resurfacing	15717	C
School St	Birdsey St	0	Main St	370	370	24	75	4	0	NULL	19572	C
School St	Main St	0	Spring St	422	422	24	60	4	9	Resurfacing	10462	C
School St	Charles St	0	Birdsey St	740	740	24	75	3	9	Crack, Seat and Overlay or Full Depth Repair and Slab Replacement	68699	C
Selden St	Main St	0	CTH K, Fuller St	150	150	24	60	4	9	Resurfacing	3720	C
Summit Ct	Avalon Rd	0	Termini	634	634	32	70	7	7	Crack Sealing	901	M
Spring St	James St, STH 16, STH 60	0	Termini	898	898	24	60	4	9	Resurfacing	22264	C
Turner St	Maple Ave, Maple Rd	0	Hibbard St	1057	1057	20	70	4	9	Resurfacing	21836	C
Vista Cir (1)	Ridgeview Ln	0	Vista Cir (2)	605	605	32	70	7	7	Crack Sealing	860	M
Washington St	CTH K, Fuller St, Main St	0	Birdsey St	422	422	24	65	4	9	Resurfacing	10462	C
Wisconsin St	Termini	0	Birdsey St	158	158	24	70	4	9	Resurfacing	3915	C
										TOTAL YEAR COST	**$487,167.00**	

2013 Update-Year 4

Muni:	COLUMBUS (C)	October 29, 2013				
Year:	1	2	3	4	5	Backlog
Budget:	500000	500000	500000	500000	500000	5915193
Expenditures:	290996	1046701	487167	540618	184690	

On Route	At Route	At Offset	Toward Route	To Offset	Length	Width	Surface Type	Pvmt Rtg (Year 1)	Pvmt Rtg (Year 5)	Action	Cost	Cap/Maint
Avalon Rd	Brookside Ln	0	Parkview Dr	1056	1056	36	70	7	7	Crack Sealing	1689	M
Charles St	Narrow St	0	James St, Legion Ct, STH 16, STH 60	475	475	26	65	3	9	Mill and Overlay	28770	C
Church St	Spring St	0	Dickason Blvd	370	370	28	65	3	9	Mill and Overlay	24136	C
Folsom St	Termini	0	Farnham St, STH 89	317	317	30	70	8	7	Crack Sealing	422	M
Fountain St	Birdsey St	0	Main St	422	422	24	75	3	0	NULL	39172	C
Fuller St	Warner St	0	CTH K, Dix St	422	422	32	65	3	9	Mill and Overlay	31455	C
Harrison St	Lewis St	0	Birdsey St	370	370	28	75	3	9	Crack, Seat and Overlay or Full Depth Repair and Slab Replacement	40077	C
Harrison St	Spring St	0	Dickason Blvd	370	370	25	75	3	9	Crack, Seat and Overlay or Full Depth Repair and Slab Replacement	35760	C
Harrison St	Main St	0	Spring St	370	370	24	60	3	9	Mill and Overlay	20676	C
Hibbard St	Selden St	0	Dix St	633	633	20	65	3	9	Mill and Overlay	29483	C
Highland Ct	Ridgeview Ln	0	Termini	106	106	32	70	7	7	Crack Sealing	150	M
Hillcrest Ct	Ridgeview Ln	0	Termini	211	211	32	70	7	7	Crack Sealing	300	M
Main St	CTH K, Fuller St, Washington St	0	Fountain St	740	740	24	60	3	9	Mill and Overlay	41373	C
Richmond St	Charles St	0	Lewis St	370	370	24	65	3	9	Mill and Overlay	20676	C
School St	Spring St	0	Dickason Blvd	370	370	24	75	3	9	Crack, Seat and Overlay or Full Depth Repair and Slab Replacement	34332	C
School St	Dickason Blvd	0	B151, Ludington St, STH 73	370	370	24	65	3	9	Mill and Overlay	20676	C
Selden St	Lewis St	0	Birdsey St	370	370	24	75	3	0	NULL	34332	C
Spring St	Termini	0	Termini	1057	1057	18	70	3	9	Mill and Overlay	44330	C
Spring St	School St	0	Prairie St	370	370	24	75	3	9	Crack, Seat and Overlay or Full Depth Repair and Slab Replacement	34332	C
Spring St	Harrison St	0	James St, STH 16, STH 60	370	370	24	75	3	9	Crack, Seat and Overlay or Full Depth Repair and Slab Replacement	34332	C
Warner St	CTH K, Hamilton St, Western Ave	0	Fuller St	370	370	28	65	3	9	Mill and Overlay	24136	C
										TOTAL YEAR COST	**$540,618.00**	

2013 Update-Year 5

Muni:	COLUMBUS (C)	October 29, 2013					
Year:	1	2	3	4	5	Backlog	
Budget:	500000	500000	500000	500000	500000	5915193	
Expenditures:	290996	1046701	487167	540618	184690		

On Route	At Route	At Offset	Toward Route	To Offset	Length	Width	Surface Type	Pvmt Rtg (Year 1)	Pvmt Rtg (Year 5)	Action	Cost	Cap/Maint
Avalon Rd	STH 89	0	Wildwood Dr	2271	2271	36	70	8	7	Crack Sealing	3633	M
Birdsey St	Newcomb St	0	Wisconsin St	370	370	20	70	3	9	Mill and Overlay	17237	C
Birdsey St	Harrison St	200	James St, STH 16, STH 60	370	170	28	60	3	9	Mill and Overlay	11072	C
Birdsey St	Prairie St	200	Harrison St	370	170	24	70	3	10	Reconstruct	54070	C
Church St	Termini	0	Spring St	211	211	18	35	3	4	Add Stone+Regrade	479	M
Columbus-Fall River Rd	STH 16, Columbus-Fall River Rd	365	Rabl Rd, Columbus-Fall River Rd	1103	738	24	65	8	7	Crack Sealing	787	M
Dix St	Hibbard St	0	Maple Ave, Maple Rd	1797	1797	36	70	7	7	Crack Sealing	2875	M
Dix St	Commercial Dr	0	Industrial Dr, James St, STH 16, S	634	634	40	65	7	7	Crack Sealing	1126	M
Dix St	Charles St	0	Hibbard St	528	528	36	70	7	7	Crack Sealing	844	M
Fairway Dr	Parkview Cir, Parkview Dr	0	Brookside Ln	1320	1320	32	70	8	7	Crack Sealing	1877	M
Fieldstone Trl	Ridgeline Dr	0	Termini	212	212	28	70	8	7	Crack Sealing	263	M
Fuller St	Termini	0	Warner St	264	264	32	70	3	9	Mill and Overlay	19669	C
Grandview Ct	Vista Cir (1), Vista Cir (2)	0	Termini	319	319	32	70	7	7	Crack Sealing	453	M
Harrison St	Birdsey St	0	Main St	422	422	25	70	8	7	Crack Sealing	468	M
Hibbard St	Maple Ave, Maple Rd	0	Prairie St	370	370	20	65	3	9	Mill and Overlay	17237	C
Highview Ln	Woodridge Ln	0	Termini	738	738	28	70	8	7	Crack Sealing	918	M
Lewis St	Franklin St	0	Harrison St	2589	2589	24	70	8	7	Crack Sealing	2761	M
Lewis St	Harrison St	0	James St, STH 16, STH 60	370	370	24	70	8	7	Crack Sealing	394	M
Main St	Mill St	0	Termini	158	158	20	70	8	7	Crack Sealing	140	M
Main St	Middleton St	0	Oak St	370	370	24	65	8	7	Crack Sealing	394	M
Maple St	Termini	0	Maple Rd	211	211	31	70	3	9	Mill and Overlay	15224	C
Middleton St	Dickason Blvd	0	Termini	422	422	30	70	8	7	Crack Sealing	1088	M
Middleton St	Dickason Blvd	422	Termini	845	423	28	70	8	7			
Poet St	Termini	0	Farnham St, STH 89	317	317	20	70	3	9	Mill and Overlay	14762	C
Ridgeline Dr	Fieldstone Trl	0	Termini	760	760	28	70	8	7	Crack Sealing	945	M
Selden St	Main St	150	CTH K, Fuller St	370	220	24	70	3	9	Mill and Overlay	12288	C
Vista Cir (1)	Vista Cir (2)	0	Grandview Ct, Vista Cir (2)	327	327	32	70	8	7	Crack Sealing	464	M
Vista Cir (2)	Vista Cir (1)	0	Grandview Ct, Vista Cir (1)	1946	1946	32	70	8	7	Crack Sealing	2767	M
Washington St	Lewis St	0	Charles St	370	370	27	70	8	7	Crack Sealing	444	M
										TOTAL YEAR COST	**$184,690.00**	

2013 Update-Backlog

Muni:	COLUMBUS (C)					
Year:	1	2	3	4	5	Backlog
Budget:	500000	500000	500000	500000	500000	5915193
Expenditures:	290996	1046701	487167	540618	184690	

On Route	At Route	At Offset	Toward Route	To Offset	Length	Width	Surface Type	Pvmt Rtg (Year 1)	Pvmt Rtg (Year 5)	Action	Cost	Cap/Maint
APC Way	Termini	0	James St, STH 16, STH 60	716	716	40	70	9	8	No Action	0.00	
APC Way	Termini	716	James St, STH 16, STH 60	1003	287	40	70	9	8	No Action	0.00	
Ann St	Hamilton St	0	CTH K, Fuller St	370	370	20	65	3	2	Reconstruct	98,113.92	
Ann St	Meadow Ln	0	Anna Cir	1003	1003	32	70	9	8	No Action	0.00	
Avalon Rd	Ridgeview Ln	317	Wildwood Dr	475	158	36	70	8	8	No Action	0.00	
Birdsey St	James St, STH 16, STH 60	0	Mill St	370	370	28	75	2	1	Reconstruct	181,190.42	
Birdsey St	CTH K, Fuller St	0	Washington St	423	423	24	70	2	2	Reconstruct	134,638.08	
Birdsey St	School St	0	Prairie St	370	370	24	60	2	2	Reconstruct	126,691.15	
Birdsey St	Richmond St	0	School St	370	370	24	60	1	1	Reconstruct	126,691.15	
Birdsey St	Washington St	0	Richmond St	1057	1057	24	70	9	8	No Action	0.00	
Brookside Ln	Avalon Rd	0	Termini	417	417	32	70	2	2	Reconstruct	176,891.52	
Brookside Ln	Parkview Dr	100	Termini	317	217	32	70	10	9	No Action	0.00	
Chapel St	Termini	53	Lewis St	423	370	20	65	1	1	Reconstruct	98,113.92	
Charles St	Dix St	0	Selden St	1057	1057	26	70	2	1	Reconstruct	364,406.09	
Charles St	Selden St	0	Richmond St	740	740	24	70	2	2	Reconstruct	235,497.28	
Church St	STH 73	0	Water St	422	422	28	60	1	1	Reconstruct	168,578.89	
Church St	Dickason Blvd	0	STH 73	370	370	28	60	1	1	Reconstruct	147,892.00	
Commerce Dr	Transit Dr	0	Unknown	1373	1373	36	70	10	9	No Action	0.00	
Commerce Dr	Unknown	0	STH 60	928	928	36	70	9	8	No Action	0.00	
Continental Dr	James St, STH 16, STH 60	0	Termini	150	150	24	65	3	2	Reconstruct	47,744.00	
Dickason Blvd	Middleton St	0	Temkin Rd (1), Temkin Rd (2)	423	423	31	70	1	1	Reconstruct	173,907.52	
Dix St	CTH K, Fuller St	0	Charles St	317	317	36	70	9	8	No Action	0.00	
Dix St	Maple Ave, Maple Rd	0	Commercial Dr	475	475	36	70	9	8	No Action	0.00	
Fountain St	Lewis St	0	Birdsey St	317	317	24	70	9	8	No Action	0.00	
Franklin St	Lewis St	0	Charles St	370	370	24	70	9	8	No Action	0.00	
Gateway Ct	Heritage Way	0	Termini	743	743	32	70	10	9	No Action	0.00	
Greenview Dr	Brookside Ln	0	Parkview Dr	1109	1109	36	70	2	2	Reconstruct	529,480.94	
Heritage Way	B151, STH 73	0	Termini	533	533	46	70	10	9	No Action	0.00	
Hibbard St	Prairie St	0	Selden St	1479	1479	20	65	1	1	Reconstruct	392,216.97	
Legion Ct	Charles St, James St, STH 16, STH 60	0	Termini	317	317	30	65	2	2	Reconstruct	126,044.16	
Lewis St	James St, STH 16, STH 60	0	Mill St	211	211	24	70	10	9	No Action	0.00	
Lewis St	Thayer St	0	Wisconsin St	158	158	23	70	9	8	No Action	0.00	
Lewis St	Wisconsin St	0	Metzger Ct, Old 73	1531	1531	23	70	9	8	No Action	0.00	
Main St	Fountain St	0	School St	740	740	24	60	2	2	Reconstruct	253,510.78	
Maple Rd	Transit Dr	0	Termini	1373	1373	22	70	9	8	No Action	0.00	
Meadow Ln	Martha Rd	422	Termini	1455	1033	32	70	9	8	No Action	0.00	
Narrow St	Lewis St	0	Charles St	370	370	15	70	1	1	Reconstruct	73,525.76	
Narrow St	Charles St	0	Hibbard St	370	370	12	70	1	1	Reconstruct	58,844.48	
Nina Dr	Sturges St	0	Termini	633	633	32	70	10	9	No Action	0.00	
Oak St	Termini	0	Main St	53	53	27	65	3	2	Reconstruct	18,978.24	
Parkview Dr	Avalon Rd	0	Fairway Dr, Parkview Cir	897	897	32	70	2	2	Reconstruct	380,639.03	
Parkview Dr	Brookside Ln	0	Avalon Rd	1373	1373	32	70	1	1	Reconstruct	582,596.19	
Prairie St	Dickason Blvd	0	STH 73	370	370	24	60	1	1	Reconstruct	126,691.15	
Prairie St	Lewis St	0	Main St	792	792	24	75	4	9	Overlay w/ patching or Full D	41923	C
Prairie St	Charles St	0	Lewis St	370	370	36	75	4	9	Overlay w/ patching or Full D	29378	C
Red Bud Trl	W Avalon Rd	0	CTH K, Western Ave	766	766	24	70	9	8	No Action	0.00	
Richmond St	Hibbard St	0	Charles St	370	370	24	65	10	9	No Action	0.00	
Richmond St	Main St	0	Dickason Blvd	370	370	24	65	2	10	Reconstruct	319168	C
Richmond St	Main St	370	Dickason Blvd	792	422	36	65	2	10			
School St	Hibbard St	0	Charles St	370	370	22	70	3	2	Reconstruct	107,901.44	

2013 Update-Backlog

Muni:	COLUMBUS (C)					
Year:	1	2	3	4	5	Backlog
Budget:	500000	500000	500000	500000	500000	5915193
Expenditures:	290996	1046701	487167	540618	184690	

On Route	At Route	At Offset	Toward Route	To Offset	Length	Width	Surface Type	Pvmt Rtg (Year 1)	Pvmt Rtg (Year 5)	Action	Cost	Cap/Maint
Selden St	Charles St	0	Lewis St	370	370	24	70	1	1	Reconstruct	117,688.96	
Selden St	Hibbard St	0	Charles St	100	100	34	70	1	1	Reconstruct	44,998.72	
Selden St	Birdsey St	0	Main St	150	150	24	70	9	8	No Action	0.00	
Siesta Ct	Sturges St	0	Termini	159	159	32	70	10	9	No Action	0.00	
Spring St	Prairie St	0	Harrison St	317	317	24	60	3	2	Reconstruct	108,574.05	
Sturges St	Dix St	0	Fountain St, Hibbard St	686	686	31	65	2	1	Reconstruct	281,928.31	
Sturges St	Termini	0	Unknown	982	982	32	70	10	9	No Action	0.00	
Thayer St	Lewis St	0	Termini	422	422	22	65	3	2	Reconstruct	123,060.16	
W Avalon Rd	Termini	0	CTH K, Western Ave	664	664	40	70	9	8	No Action	0.00	
Washington St	Birdsey St	0	Lewis St	370	370	24	70	2	2	Reconstruct	117,688.96	
Water St	James St, STH 16, STH 60	0	Termini	740	740	32	70	9	8	No Action	0.00	
Water St	James St, STH 16, STH 60	740	Termini	1057	317	29	70	9	8			
Williams St	Waterloo St	0	Dawn Ct, Termini	686	686	20	70	9	8	No Action	0.00	
Woodridge Ln	Highview Ln	0	Termini	173	173	36	70	9	8	No Action	0.00	
										TOTAL BACKLOG COST	**$5,915,193**	