

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE:	Authorize the City Manager to Execute a Discretionary Work Request with King County for the 2007 Road Overlay Program
DEPARTMENT:	Public Works
PRESENTED BY:	Mark Relph, Public Works Director Jesús Sanchez, Operations Manager

PROBLEM/ISSUE STATEMENT:

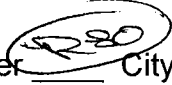
The purpose of this report is to request Council to authorize the City Manager to execute a Discretionary Work Request with King County for the 2007 Road Overlay Program.

FINANCIAL IMPACT:

Council has authorized \$788,000 in the 2007 CIP Budget and a 2006 carryover amount of \$116,532 for the Annual Road Surface Maintenance Program bringing the total budget for 2007 to \$904,532. The amount for the Road Overlay Program is \$750,000. The remainder of \$154,532 will be used for the slurry seal and paving road maintenance.

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute a Discretionary Work Request with King County for the 2007 Road Overlay Program not to exceed the amount of \$ 750,000.

Approved By: City Manager  City Attorney ____

INTRODUCTION

King County has paved City of Shoreline streets with asphalt overlay since the City's incorporation in 1995. To meet the County's schedule of beginning the overlay project in early summer, a King County Discretionary Work Request must be signed. The purpose of this report is to request Council to authorize the City Manager to execute a Discretionary Work Request with King County for the 2007 Road Overlay Program.

BACKGROUND

The roads identified in this year's overlay recommendation have eroded to a degree where alternate methods of maintenance (other than overlays) would not result in the successful rehabilitation of the pavement conditions in these areas. In addition, completing these areas would reduce the number of customer requests received and the amount of reactive maintenance costs. Our primary objective is to effectively maintain or enhance the integrity of the City's roadway system in the most cost efficient manner.

DISCUSSION

Council has authorized \$788,000 in the 2007 CIP Budget and a 2006 carryover amount of \$116,532 for the Annual Road Surface Maintenance Program bringing the total budget for 2007 to \$904,532 for this program.

The proposed overlay program includes those roads with pavement conditions with ratings of poor to failing that cannot be effectively repaired using other treatment options. These pavement ratings are derived from a Pavement Management Index prepared by consultants every three years. Ratings are based on the type, severity and extent of each distress by individuals walking and visually inspecting the full width of the roadway. The ratings are then given a numeric value based on the final Overall Condition Index (OCI) from poor 40-50 to excellent 90 to 100. With this information, the overlay project is programmed into a certain sectors of the City as a cost efficiency. As in past years, we attempt to concentrate the overlay projects in specific neighborhoods to encourage better bid pricing and reduce the number of areas inconvenienced by the work. King County's schedule for beginning the overlay project is early summer, and slurry seal will be scheduled for early June.

Staff is requesting to contract with King County's Department of Transportation, Road Services Division to complete the City's 2007 Road Overlay Program. King County uses a formal bid process to choose a contractor. The funding for the Roads Overlay Program is budgeted at \$750,000 to overlay approximately 3.82 centerline miles of streets with King County (Attachment B). The City of Shoreline pays the appropriate amount based upon the tons of asphalt used for our streets. By using the County's contractor, the City is able to take advantage of lower bids.

The remainder of \$154,532 will be used for the slurry seal (5.25 lane miles) and paving road maintenance.

RECOMMENDATION

Staff recommends that Council authorize the City Manager to execute a Discretionary Work Request with King County for the 2007 Road Overlay Program in an amount not to exceed \$750,000.

ATTACHMENTS

- A: 2007 Road Overlay Program List
- B: 2007 Proposed Street Overlay Map
- C. 2007 Slurry Seal Program List
- D. 2007 Proposed Street Slurry Map

**CITY OF SHORELINE
2007 OVERLAY STREET LOCATIONS**

Item	Street Name	From Description	To Description	Length	Width	Rating
1	5th Ave NE	NE 160th ST	NE 161st ST	138	42	70
2	5th Ave NE	NE 161st ST	NE 162nd ST	330	42	86
3	5th Ave NE	NE 162nd ST	NE 163rd ST	470	42	58
4	5th Ave NE	NE 163rd ST	NE 165th ST	470	42	57
5	Dayton Ave N	N 179 PL	N 180th ST	215	34	50
6	Dayton Ave N	N 180th ST	N 181st ST	235	22	55
7	Dayton Ave N	N 181st ST	N 181st CT	80	22	44
8	Dayton Ave N	N 181st CT	N 182nd CT	97	22	83
9	Dayton Ave N	N 182nd CT	N 183rd ST	253	22	66
10	Dayton Ave N	N 183rd ST	N 183rd ST	155	32	49
11	Dayton Ave N	N 183rd ST	N 185th ST	553	32	46
12	Dayton Ave N	N 185th ST	N. Richmond Beach RD	362	28	27
13	N 179th PL	Dayton Ave N	CDSE	282	26	23
14	N 181st ST	Dayton Ave N	EORE	252	18	49
15	Palatine Ave N	N 172nd ST	N 175th ST	694	26	51
16	Palatine Ave N	End Route	N 177th ST	103	20	78
17	Palatine Ave N	N 177th ST	N 178th ST	307	28	36
18	Palatine Ave N	N 178th ST	End Route	155	28	75
19	N. 177th ST	1st Ave NW	Palentine Ave N	526	20	46
20	N 178th ST	1st Ave NW	Palentine Ave N	573	29	44
21	1st Ave NW	N 168th ST	N 171st ST	480	32	70
22	1st Ave NW	NW 173 ST	NW 174th ST	28	283	59
23	1st Ave NW	NW 174th ST	NW 175th ST	261	22	80
24	1st Ave NW	NW 175th ST	NW 176th PL	136	26	18
25	1st Ave NW	NW 176th PL	N 177th ST	404	26	22
26	1st Ave NW	N 177th ST	N 178th ST	179	22	95
27	2nd Ave NW	NW 173rd ST	NW 175th ST	592	25	27
28	NW 173rd ST	1st Ave NW	2nd Ave NW	524	30	44
29	N 160th ST	Aurora Ave N	Linden Ave N.	665	42	0
30	N 160th ST	Greenwood Ave N	Dayton Ave N	560	38	1
31	N 160th ST	Palentine Ave N	Greenwood Ave N	510	34	85
32	N 160th ST	1st Ave NW	Palentine Ave N	309	32	87
33	N 155th ST	1st Ave NW	Palentine LN N	326	19	71
34	N 155th ST	Palentine LN N	Greenwood Ave N	467	19	56
35	N Park N	N 163rd ST	CDSN	460	22	0
36	N 165th ST	Linden Ave N	Aurora Ave N	665	20	42
37	N 165th ST	Linden Ave N	N Park N	330	20	36
38	N 165th ST	N Park N	Freemont Ave N	342	20	41
39	Carlyle Hall Rd NW/N	Greenwood Ave N	Dayton Ave N	571	22	38
40	Carlyle Hall Rd NW/N	Greenwood Ave N	NW 171st	1153	22	40
41	Carlyle Hall Rd NW	2nd Ave NW	3rd Ave NW	382	30	95

**CITY OF SHORELINE
2007 OVERLAY STREET LOCATIONS**

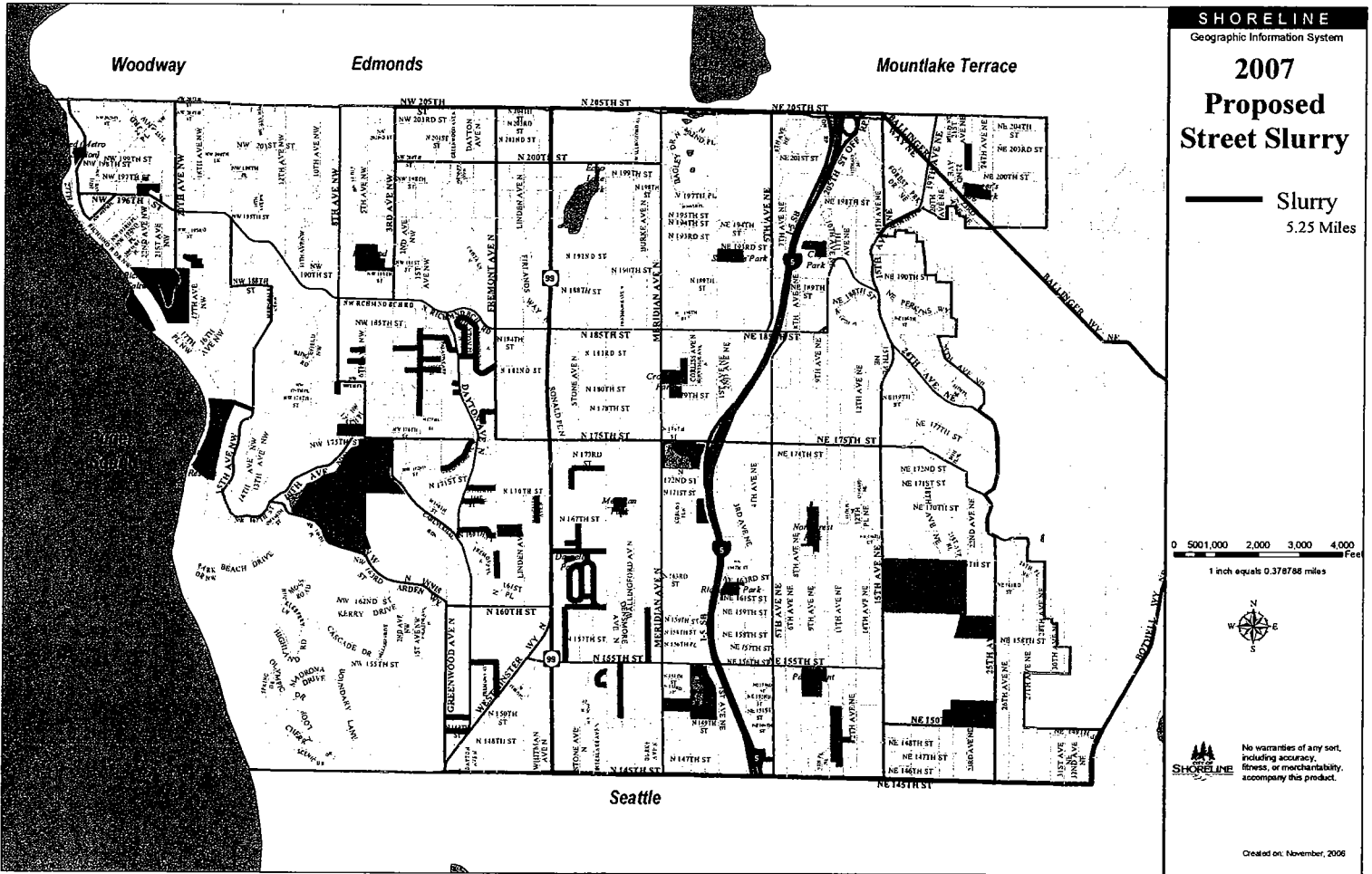
Item	Street Name	From Description	To Description	Length	Width	Rating
42	3rd Ave NW	NW Carlyle Hall Rd NW	NW 175th ST.	386	21	23
43	NW 177th St	EndRoute	3rd Ave NW	297	24	0
44	NW 182nd ST	6th Ave NW	3rd Ave NW	661	20	55
45	Evanston Av N	N 160th ST	N 161st st	155	30	38
46	Evanston Av N	N 161st ST	CDSNW	375	30	6
47	N 161st ST	Evanston Av N	CDSE	204	30	8
48	NW 178th ST	3rd Ave NW	End Route	350	22	13
49	NW 177th St	End Route	3rd Ave NW	788	24	0
50	NW 182nd ST	3rd Ave NW	6th Ave NW	661	20	55
51	N 172nd ST	NW 172nd ST	Palentine Ave N	312	21	75
52	2Ave NW	N 172nd ST	Carlyle Hall RD	398	21	32
TOTAL				20,181		

**CITY OF SHORELINE
2007 SLURRY SEAL LOCATIONS**

ITEM	STREET	FROM	TO	LENGTH	WIDTH	SQUARE YARDS	RATING
1	N. 179th PL	CDSW	Dayton Ave N	198	26	572	93
2	N. 180th ST	CDSW	Dayton Ave N	179	26	517	98
3	N. 183rd ST	Dayton Ave N	Evanston Ave N	259	20	576	67
4	N. 185th PL	Dayton PL. N.	Evanston Ave N	568	20	1,262	33
5	Dayton PL N	N. 183rd ST.	N. 185th PL.	981	20	2,180	77
6	Evanston Ave N	N. 183rd ST.	N. 185th PL.	668	20	1,484	70
7	Evanston Ave N	N. 182nd ST.	N. 183rd ST.	311	23	795	95
8	N. 182nd ST.	Evanstone Ave N	Freemont Ave N	311	23	795	95
9	N. 181st ST.	1st Ave NW	Palentine Ave N	512	24	1,365	71
10	N. 182nd ST.	1st Ave NW	Palentine Ave N	450	24	1,200	91
11	NW 183rd ST.	1st Ave NW	3rd Ave NW	664	22	1,623	81
12	NW 182nd ST.	1st Ave NW	End of Road	405	26	1,170	95
13	1st Ave NW	N 177th ST.	NW 177th LN	110	26	318	53
14	1st Ave NW	N 178th ST.	NW 180th ST.	355	22	868	85
15	1st Ave NW	N 182nd ST.	NW 182nd ST.	56	22	137	93
16	1st Ave NW	N 184th ST.	NW 185th ST.	210	22	513	94
17	1st Ave NW	NW 180th ST.	NW 181st ST.	456	22	1,115	84
18	1st Ave NW	NW 181st ST.	N 182nd ST.	272	22	665	95
19	1st Ave NW	NW 183rd ST.	N 184th ST.	262	22	640	96
20	NW 183rd ST.	6th Ave NW	End of Road	339	26	979	96
21	NW 182nd ST.	6th Ave NW	End of Road	426	28	1,325	84
22	N 178th ST.	Freemont Ave N	Evanston Ave N	278	18	556	98
23	Evanston Ave N	End of Road	N. 178th ST	312	22	763	98
24	N. 170th PL	Dayton Ave N	Freemont Ave N	706	21	1,647	84
25	N. 169th ST.	Dayton Ave N	CDSS	543	26	1,569	86
26	N. 166th ST.	Dayton Ave N	Freemont Ave N	1,013	21	2,364	53
27	Freemont Ave N	N 163rd ST	N 165th ST	329	28	1,024	77
28	N 155th ST.	Dayton Ave N	Freemont Ave N	606	21	1,414	98
29	Freemont Ave N	Westminister WY N	N. 155th ST.	833	36	3,332	96
30	N. 150th ST.	Greenwood Ave N	Dayton Ave N	578	22	1,413	87
31	N. 149th ST.	Greenwood Ave N	Westminister WY N	560	36	2,240	96
32	N 173rd ST	Midvale Ave N	Stone CT N.	351	28	1,092	49
33	N 173rd ST	Stone CT N	Ashworth Av N	473	22	1,156	94
34	Midvale Ave N	N 171st ST	N 172nd ST	278	28	865	54
35	Midvale Ave N	N 172nd ST	N 173rd ST	278	28	865	62
36	Stone Ave N	N 165th ST	N 166th ST	164	22	401	94

**CITY OF SHORELINE
2007 SLURRY SEAL LOCATIONS**

ITEM	STREET	FROM	TO	LENGTH	WIDTH	SQUARE YARDS	RATING
37	Stone Ave N	N 166th ST	N 166th CT	307	21	716	80
38	Stone Ave N	N 166th CT	N 167th ST	196	22	479	98
39	N 166th ST	End of Road	Stone Ave N	332	29	1,070	79
40	N 165th ST	Aurora	Stone Ave N	710	20	1,578	82
41	N 165th ST	Stone Ave N	Stone Ave N	215	30	717	87
42	N 165th ST	Stone Ave N	Ashworth Av N	410	30	1,367	93
43	N 160th ST	Midvale Ave N	Stone Ave N	334	30	1,113	90
44	N 160th ST	Stone Ave N	Interlake Ave N	331	35	1,287	98
45	N 160th ST	Interlake Ave N	Interlake Ave N	212	30	707	96
46	N 160th ST	Interlake Ave N	Ashworth Av N	121	30	403	92
47	Midvale Ave N	N 155th ST	N 157th ST	660	23	1,687	55
48	Midvale Ave N	N 157th ST	N 160th ST	332	28	1,033	61
49	Densmore Ave N	N 150th ST	N 155th ST	1,320	32	4,693	89
50	Burke Ave N	N 155th ST	N 157th ST	670	23	1,712	98
51	Burke Ave N	N 157th ST	N 160th ST	670	22	1,638	95
52	Ashworth PL N	N 153rd ST	Ashworth Av N	452	30	1,507	93
53	N 153rd ST	Ashworth PL N	Ashworth Av N	164	30	547	94
54	Greenwood PI N	N 172nd PL	Palentine Ave N	590	22	1,442	98
55	Greenwood PI N	N 175th ST	N 172nd PL	508	22	1,242	91
56	Interlake Ave N	N 160th ST	N 161st ST	365	30	1,217	91
57	Interlake Ave N	N 161st ST	Stone Ave N	915	30	3,050	91
58	Stone Ave N	N 161st ST	Midvale Ave N	743	30	2,477	91
59	Midvale Ave N	N 161st ST	Stone Ave N	930	30	3,100	90
60	Stone Ave N	Midvale Ave N	Interlake Ave N	220	30	733	90
61	Interlake Ave N	Midvale Ave N	Stone Ave N	393	30	1,310	74
62	8th Ave NW	End of Road	NW 180th ST.	318	34	1,201	62
TOTALS				27,712		78,825	



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