

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 2005 Road Overlay Program and the overlay associated with the 3 rd Ave NW Drainage Project |
| DEPARTMENT: | Public Works |
| PRESENTED BY: | Paul S. Haines, 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 2005 Road Overlay Program and the overlay associated with the 3rd Ave NW Drainage Project.

FINANCIAL IMPACT:

Council has authorized \$827,000 in the 2005 CIP Budget for the Annual Road Surface Maintenance Program which includes a carryover in the amount of \$109,000 from 2004. Of the \$827,000, the amount for the overlay is \$700,000 and \$127,000 is for the slurry sealing. The slurry sealing will be contracted out separately.

Additionally, staff is requesting Council to authorize \$109,000, of which funds are available in the Surface Water Public Works Trust Fund for the overlay associated with the 3rd Ave NW Drainage Project.

RECOMMENDATION

Staff recommends the Council authorize the City Manager to execute a Discretionary Work Request with King County for the 2005 Road Overlay Program and the overlay associated with the 3rd Ave NW Drainage Project in an amount not to exceed \$809,000.

Approved By: City Manager  City Attorney 

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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 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 2005 Road Overlay Program and, in conjunction with this program, include the overlay associated with the 3rd Ave NW Drainage Project.

BACKGROUND

At the March 17, 2003 Council workshop meeting, Paul S. Haines, Public Works Director, reported to the Council on the City of Shoreline's 2002 pavement condition ratings. He reported that the City's streets rated an overall score of approximately 76, or fair to good condition. Since adoption of the City's 2000 Budget, \$700,000 has been allocated for the Annual Road Surface Maintenance Program, which has allowed the City to maintain the streets in fair to good condition.

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. 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.

DISCUSSION

Council has authorized \$827,000 in the 2005 CIP Budget for the Annual Road Surface Maintenance Program which includes a carryover in the amount of \$109,000 from the delay of the NW 8th project in 2004. The Annual Road Surface Maintenance Program consists of asphalt overlay (\$700,000) and slurry seal (\$127,000). The slurry seal method is being used again this year, after successful implementation in 2003.

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. Additionally, in conjunction with this year's program, we will include the overlay associated with 3rd Ave NW Drainage Project.

King County's schedule for beginning the overlay project is early summer, and slurry sealing 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 2005 Road Overlay Program. King County uses a formal bid process to choose a contractor. 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 slurry sealing will be contracted out separately.

Using the 2005 CIP Budget of \$827,000 in the Roads Capital Fund, Public Works would budget \$700,000 to overlay approximately 7.3 centerline miles of streets with King County, as listed on Attachment A. We will use the balance of \$127,000 to slurry seal approximately 6.8 lane miles of streets, as listed on Attachment B. This would be done separately through a private contract. Additionally, Surface Water Public Works Trust Fund monies of \$109,000, already approved for the 3rd Ave NW Drainage Project, will be used to contract with King County to overlay 3rd Ave NW.

RECOMMENDATION

Staff recommends the Council authorize the City Manager to execute a Discretionary Work Request with King County for the 2005 Road Overlay Program in an amount not to exceed \$ 809,000.

ATTACHMENTS

- A: 2005 Overlay Program List
- B: 2005 Slurry Sealing Program List

**CITY OF SHORELINE
2005-A OVERLAY STREETS**

| Street Name | From Description | To Description | Length | Width | Rating |
|-------------|-----------------------|-------------------|--------|-------|--------|
| NW 195th St | 3rd Ave NW | 5th Ave NW | 674 | 22 | 35 |
| NW 195th St | 5th Ave NW | 8th Ave NW | 670 | 22 | 80 |
| 5th Ave NW | NW 195th St | NW 196th Pl | 325 | 35 | 91 |
| NW 196th St | End Route | 3rd Ave NW | 366 | 24 | 83 |
| NW 196th Pl | 4th Ave NW | 5th Ave NW | 425 | 26 | 5 |
| NW 196th Pl | 5th Ave NW | End Route W | 305 | 26 | 77 |
| 8th Ave NW | NW Richmond Beach Rd. | NW 1890th Ln | 530 | 39 | 58 |
| 8th Ave NW | NW 189th Ln | NW 190th St | 128 | 22 | 72 |
| 8th Ave NW | NW 190th St | NW 190th Ln | 118 | 22 | 55 |
| 8th Ave NW | NW 190th Ln | NW 190th Pl | 335 | 22 | 52 |
| 8th Ave NW | NW 190th Pl | NW 191st Ln | 68 | 22 | 33 |
| 8th Ave NW | NW 191st Ln | NW 193rd St | 330 | 34 | 50 |
| 8th Ave NW | NW 193rd St | NW 195th St | 475 | 28 | 65 |
| 8th Ave NW | NW 195th St | NW 195th Pl | 106 | 22 | 72 |
| 8th Ave NW | NW 195th Pl | NW 197th St | 380 | 22 | 58 |
| 8th Ave NW | NW 197th St | NW 200th St | 829 | 23 | 31 |
| 8th Ave NW | NW 200th St | NW 205th St | 1287 | 23 | 8 |
| NW 197th St | 8th Ave NW | Cul-D-Sac West | 234 | 28 | 30 |
| NW 193rd St | 8th Ave NW | Cul-D-Sac West | 520 | 29 | 55 |
| NW 198th St | 1st Ave NW | 2nd Ave NW | 296 | 22 | 85 |
| NW 198th St | 2nd Ave NW | 3rd Ave NW | 499 | 22 | 67 |
| 1st Ave NW | NW 195th St | NW 198th St | 827 | 22 | 71 |
| 2nd Ave NW | NW 195th St | NW 195th St | 850 | 21 | 63 |
| N 183rd St | Stone Ave N | Ashworth Ave N | 673 | 24 | 55 |
| N 183rd St | Ashworth Ave N | Wallingford Ave N | 670 | 21 | 55 |
| N 183rd St | Wallingford Ave N | Burke Ave N | 325 | 21 | 67 |
| N 183rd St | Burke Ave N | Meridian Ave N | 340 | 21 | 46 |
| Burke Ave N | Cul-D-Sac South | N 183rd St | 360 | 24 | 18 |
| N 180th St | Ashworth Ave N | Wallingford Ave N | 670 | 22 | 41 |
| N 180th St | Wallingford Ave N | Burke Ave N | 236 | 26 | 46 |
| N 180th St | Burke Pl N | Wayne Ave N | 246 | 26 | 41 |
| Burke Pl N | Cul-D-Sac South | N 180th St | 249 | 26 | 80 |
| Wayne Ave N | Cul-D-Sac South | N 180th St | 175 | 26 | 55 |
| N 180th St | Wayne Ave N | Meridian Ave N | 175 | 26 | 46 |
| Stone Ave N | End Route | N 178th St | 332 | 22 | 41 |

**CITY OF SHORELINE
2005-A OVERLAY STREETS**

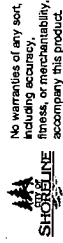
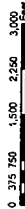
| Street Name | From Description | To Description | Length | Width | Rating |
|-----------------|-------------------|-------------------|--------|-------|--------|
| Stone Ave N | N 178th St | N 180th St | 684 | 26 | 46 |
| Stone Ave N | N 180th St | N 183rd St | 665 | 23 | 24 |
| Stone Ave N | N 183rd St | N 185th St | 665 | 23 | 30 |
| Densmore Ave N | N 175st St | Cul-D-Sac North | 225 | 20 | 0 |
| N 177th St | Meridian Ave N | Cul-D-Sac West | 391 | 28 | 0 |
| N 172nd St | Meridian Ave N | Corliss Ave N | 470 | 26 | 63 |
| N 172nd St | Corliss Ave N | End Route East | 350 | 22 | 55 |
| Coriss Ave N | N171st St | N 172nd St | 300 | 20 | |
| N 170th St | Wallingford Ave N | Burke Ave N | 340 | 20 | 49 |
| N 170th St | Burke Ave N | Meridian Ave N | 336 | 28 | 37 |
| Burke Ave N | N 168th St | N 170th St | 234 | 22 | 41 |
| Coriss PL N | End Route North | N 167th St | 530 | 30 | 63 |
| N 167th St | Aurora Ave N | Stone Ave N | 667 | 25 | 83 |
| N167th St | Stone Ave N | Stone Ct N | 89 | 22 | 55 |
| N 167th St | Stone Ct. N | Ashworth Ave N | 575 | 20 | 63 |
| N 167th St | Ashworth Ave N | Wallingford Ave N | 660 | 20 | 18 |
| N 167th St | Wallingford Ave N | Meridian Ave N | 660 | 20 | 50 |
| N 167th St | Meridian Ave N | Corliss PI N | 415 | 22 | 18 |
| N 167th St | Corliss PI N | Corliss Ave N | 259 | 22 | 55 |
| N 167th St | Corliss Ave N | End Route | 450 | 22 | 41 |
| N 165th St | Wallingford Ave N | Burke Ave N | 240 | 22 | 18 |
| N 165th St | Burke Ave N | Meridian Ave N | 423 | 22 | 50 |
| N 165th St | Meridian Ave N | End Route | 327 | 22 | 55 |
| N 163rd St | Densmore Ave N | Wallingford Ave N | 242 | 20 | 30 |
| N 163rd St | Wallingford Ave N | Burke Ave N | 289 | 22 | 18 |
| N 163rd St | Burke Ave N | Meridian Ave N | 376 | 22 | 35 |
| Densmore Ave N | N 161st St | N 163rd St | 497 | 20 | 30 |
| N 161st St | Densmore Ave N | Ashworth Ave N | 157 | 22 | 18 |
| Densmore Ave N | N 160th St | N 161st St | 356 | 20 | 58 |
| Densmore Ave N | N 163rd St | N. 165th St | 257 | 22 | 74 |
| N 157th St | Densmore Ave N | Wallingford Ave N | 340 | 22 | 18 |
| N 157th St | Wallingford Ave N | Burke Ave N | 326 | 22 | 46 |
| N 157th St | Burke Ave N | Meridian Ave N | 340 | 22 | 83 |
| N 153rd PI | End Route | Meridian Ave N | 210 | 26 | 50 |
| Sunnyside Ave N | N 145th St | End Route | 206 | 27 | 12 |

**CITY OF SHORELINE
2005-A OVERLAY STREETS**

| Street Name | From Description | To Description | Length | Width | Rating |
|-----------------|------------------|-----------------|--------|-------|--------|
| NW 180th St | 6th Ave NW | 8th Ave NW | 661 | 20 | 48 |
| Whitman Ave N | N 204th St | End Route | 137 | 24 | 0 |
| Whitman Ave N | N 204th St | N 203rd St | 299 | 24 | 30 |
| Whitman Ave N | N 203rd St | N 202nd St | 231 | 24 | 0 |
| Whitman Ave N | N 202nd St | N 201st St | 339 | 22 | 71 |
| NW 195th St | 1st Ave NW | 2nd Ave NW | 151 | 20 | 24 |
| NW 195th St | 2nd Ave NW | 3rd Ave NW | 334 | 26 | 24 |
| N 195th St | 1st Ave NW | 1st Ave NW | 146 | 26 | 24 |
| N 195th St | 1st Ave N | Palentine Ave N | 205 | 30 | 24 |
| N 195th St | Palentine Ave N | Greenwood Ave N | 335 | 20 | 59 |
| N 195th St | Greenwood Ave N | Dayton Ave N | 552 | 30 | 41 |
| N 195th St | Dayton Ave N | Evanston Ave N | 273 | 30 | 55 |
| N 195th St | Evanston Ave N | Fremont Ave N | 274 | 30 | 62 |
| Linden Av N | N 195th St | N. 196th Ct. | 280 | 22 | 88 |
| Linden Av N | N 196th Ct. | N. 198th St | 384 | 20 | 30 |
| Linden Av N | N 198th St | N 199th St | 332 | 20 | 41 |
| Linden Av N | N 199th St | N 200th St | 332 | 20 | 50 |
| Greenwood Ave N | N 193rd St | N 195th St | 661 | 20 | 35 |
| N 170th St | Freemont Av N | N Park Av N | 348 | 22 | 77 |
| N 170th St | N Park Ave N | Linden Ave N | 330 | 22 | 41 |
| N 170th St | Linden Ave N | Whitman Ave N | 330 | 22 | 50 |
| N 170th St | Whitman Ave N | Aurora Ave N | 334 | 24 | 71 |
| Linden Ave N | N 167th St | N 170th St | 665 | 20 | 24 |
| NW 155th St | City Limits | Palentine Ave N | 326 | 19 | 41 |
| N 155th St | Palentine Ave N | Greenwood Ave N | 467 | 19 | 5 |
| N 155th St | Greenwood Ave N | Dayton Ave N | 592 | 19 | 41 |

Proposed Overlay 2005

Overlay (7.3 Miles)
Other Overlay (0.9 miles)



No warranties of any sort, including accuracy, fitness, or merchantability, accompany this product.

Mountlake Terrace

Edmonds

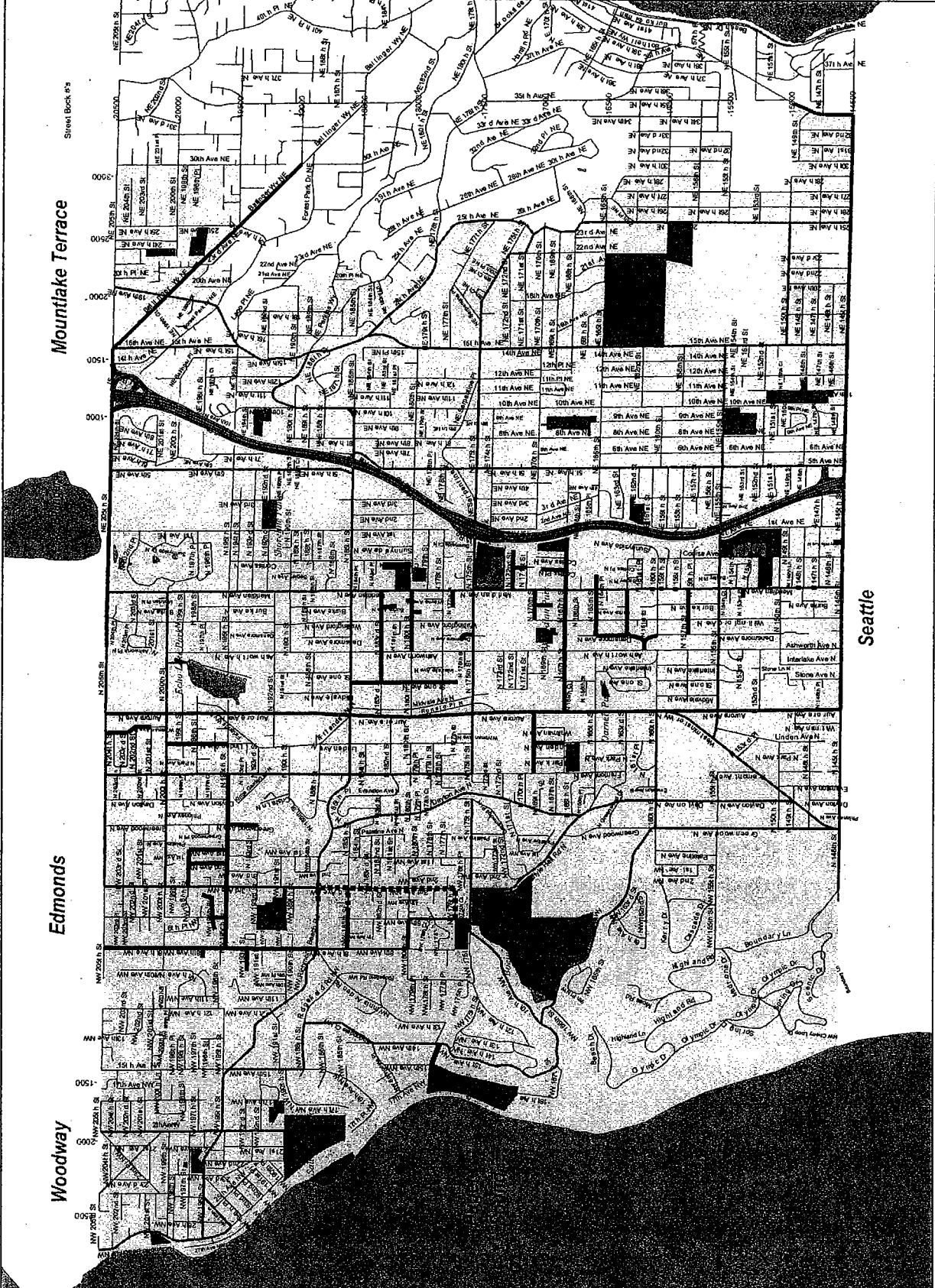
Woodway

Seattle

Street Block #'s

3000
2000
1500
1000

500
0



**CITY OF SHORELINE
2005 Slurry Sealing Project**

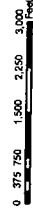
| STREET | FROM | TO | LENGTH | WIDTH | SQUARE YARDS |
|---------------------------------------|--------------------|--------------------|--------------|-------|---------------|
| SLURRY SEAL, TYPE I: | | | | | |
| 9 Ave NW | NW Innis Arden Way | NW 165 PL | 178 | 36 | 712 |
| N 165 PI | N 165 Street | End Route (W) | 426 | 22 | 1,041 |
| 6 Av NW | NW 162 ST | NW 163 ST | 752 | 26 | 2,172 |
| 6 Av NW | NW 163 ST | NW Innis Ardin Way | 250 | 36 | 1,000 |
| NW 163 ST | 6 Av NW | CDSW | 472 | 26 | 1,364 |
| NW 163 ST | NW 162 ST | 6 Av NW | 705 | 26 | 2,037 |
| NW 162 ST | 5 CT NW | 6 Av NW | 370 | 26 | 1,069 |
| NW 162 ST | 6 Av NW | CDSW | 330 | 26 | 953 |
| NW 162 ST | NW 163 ST | 5 CT NW | 797 | 26 | 2,302 |
| 5 CT NW | NW 162 ST | CDSN | 149 | 26 | 430 |
| Sub-Total: Slurry Seal, Type I | | | 4,429 | | 13,081 |
| SLURRY SEAL, TYPE II: | | | | | |
| 1 Ave NW | NW 160 Street | NW 155 Street | 1293 | 22 | 3,161 |
| 10 Ave NE | NE 190 Street | NE 195 Street | 1368 | 23 | 3,496 |
| 14 Ave NE | Forest Park Dr | End Route (N) | 501 | 22 | 1,225 |
| 14 Ave NE | NE Ballinger PI | 15 Ave NE | 1252 | 22 | 3,060 |
| 16 Ave NE | NE 195 Street | NE Perkins Way | 1877 | 23 | 4,797 |
| 18 Ave NE | Lago PI NE | Perkins PI NE | 2017 | 22 | 4,930 |
| 8 Ave NE | NE 185 Street | NE 190 Street | 1,280 | 28 | 3,982 |
| Dayton PI N | N 188 Street | End Route (S) | 192 | 20 | 427 |
| Fremont PI N | N 165 Street | N 163 Street | 528 | 24 | 1,408 |
| Dayton Ave N | N 145 Street | N 148 Street | 607 | 20 | 1,349 |
| Linden Ave N | N 148 Street | N 155 Street | 2040 | 22 | 4,987 |
| N 148 Street | Greenwood Ave N | Linden Ave N | 1569 | 22 | 3,835 |
| Evanston Ave N | N 145 Street | N 150 Street | 1277 | 22 | 3,122 |
| N 159 Street | Meridian Ave N | Corliss Ave N | 648 | 26 | 1,872 |
| N 180 Street | Fremont Ave N | End Route (W) | 275 | 23 | 703 |

**CITY OF SHORELINE
2005 Slurry Sealing Project**

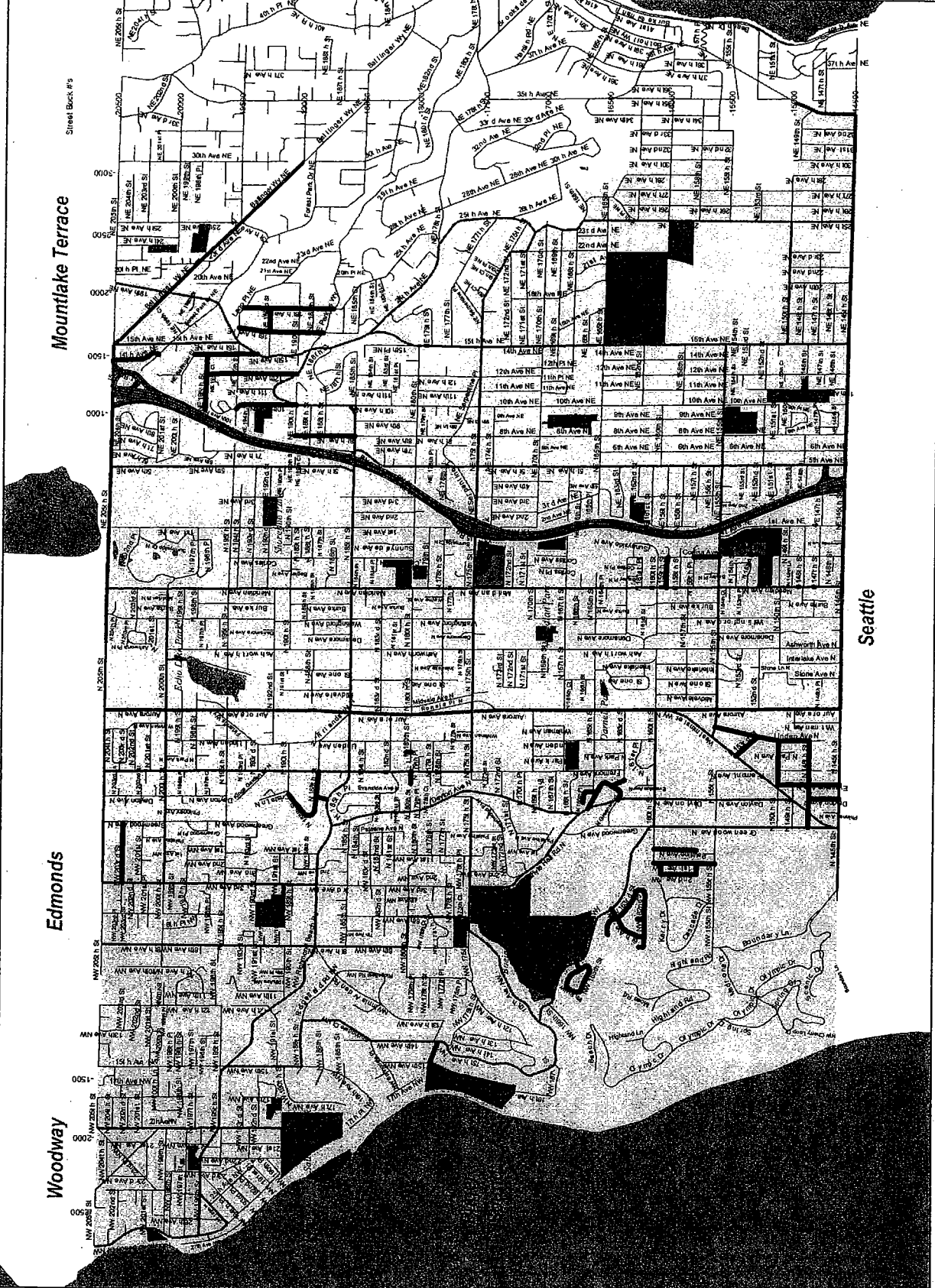
| STREET | FROM | TO | LENGTH | WIDTH | SQUARE YARDS |
|--|--------------------|-----------------|---------------|--------------|---------------------|
| NE 192 Street | 16 Ave NE | 18 Ave NE | 525 | 24 | 1,400 |
| NE 198 Street | 14 Ave NE | End Route (W) | 1012 | 22 | 2,474 |
| Palantine Ave N | N 160 Street | End Route (S) | 975 | 24 | 2,600 |
| Perkins PL NE | NE 186 Street | NE 185 Street | 578 | 20 | 1,284 |
| Corliss Av N | N 156 PL | N 155 Street | 535 | 30 | 1,783 |
| NW 203 ST | Greenwood Ave N | 3 AV NW | 1321 | 20 | 2,936 |
| N 188 ST | End Route | Dayton PL N | 824 | 20 | 1,831 |
| N 188 ST | Dayton PL N | Fremont Av N | 560 | 20 | 1,244 |
| Fremont PI N | Greenwood Ave N | N 165 ST | 591 | 24 | 1,576 |
| N 153 PI | Westminister Way N | Linden Ave N | 598 | 22 | 1,462 |
| N 150 ST | Westminister Way N | Evanston Av N | 82 | 24 | 219 |
| N 150 ST | Evanston Av N | Fremont Av N | 309 | 22 | 755 |
| N 150 ST | Fremont Ave N | North Park N | 410 | 22 | 1,002 |
| N 150 ST | North Park N | Linden Ave N | 238 | 22 | 582 |
| 12 Av NE | NE Perkins Way | NE 195 Street | 1280 | 22 | 3,129 |
| 12 Av NE | NE 195 Street | NE 195 CT | 139 | 22 | 340 |
| 12 Av NE | NE 195 CT | NE 197 CT | 343 | 22 | 838 |
| 12 Av NE | NE 195 CT | NE 198 ST | 189 | 22 | 462 |
| NW 159 ST | 1 Av NW | 2 Av NW | 220 | 22 | 538 |
| NW 156 ST | 1 Av NW | 2 Av NW | 220 | 22 | 538 |
| 2 Av NW | NW 156 ST | NW 159 ST | 767 | 22 | 1,875 |
| Sub-Total: Slurry Seal, Type II | | | 28,440 | | 71,221 |
| | | | | | |
| TOTALS | | | 32,869 | | 84,302 |

Proposed Slurry 2005

— Slurry (6.8 miles)



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including accuracy,
fitness, or merchantability,
accompany this product.



Street Block #s

Woodway

Edmonds

Seattle

Mountlake Terrace

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