

MEMORANDUM

DEPARTMENT OF TRANSPORTATION

Maintenance and Operations Branch
15285 South Golden Road, Bldg 45
Golden, Colorado 80401
(303) 512-5500
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DATE: May 12, 2009
TO: Pam Hutton, Chief Engineer
FROM: David C. Wieder, Maintenance & Operations Branch Manager
SUBJECT: Projects by Maintenance Forces Requiring Transportation Commission Approval

The listing below represents the projects to be performed by maintenance forces for Fiscal Year 2010 that will cost over \$50,000. According to state law, these projects must be approved by the Transportation Commission before the work can be undertaken. I request this list be presented for approval at the May Transportation Commission meeting so the work can commence by July 1, 2009 and be completed by June 30, 2010.

Thank you for your consideration.

David C. Wieder

Region 1

| Highway | Begin MP | End MP | Type | Estimated Cost |
|---------|----------|--------|------------------|-----------------|
| 74 | 15.2 | 16.2 | Machine Patch | \$ 61,952.00 |
| 9 | 71 | 72.6 | Machine Patch | \$ 80,538.00 |
| 119 | 22 | 23 | Machine Patch | \$ 67,760.00 |
| 119 | 18 | 19 | Machine Patch | \$ 73,568.00 |
| 285 | 199.95 | 201.05 | Machine Patch | \$ 63,888.00 |
| 285 | 194.2 | 195.55 | Machine Patch | \$ 78,408.00 |
| 6 | 229 | 230 | Machine Patch | \$ 79,860.00 |
| 70EB | 202.5 | 203.5 | Machine Patch | \$ 119,790.00 |
| 70WB | 191.54 | 193.5 | Machine Patch | \$ 127,776.00 |
| 70EB | 192.5 | 193.5 | Machine Patch | \$ 63,888.00 |
| 9D | 108 | 109 | Machine Patch | \$ 106,480.00 |
| 9D | 114.8 | 116 | Machine Patch | \$ 83,054.00 |
| 9C | 83.7 | 85 | Machine Patch | \$ 83,054.00 |
| 9C | 85 | 86 | Machine Patch | \$ 63,888.00 |
| 67 | 120.5 | 121.5 | Machine Patch | \$ 65,050.00 |
| 40 | 344.41 | 345.41 | Machine Patch | \$ 65,050.00 |
| 40F | 364.6 | 365.6 | Machine Patch | \$ 65,050.00 |
| 36 | 92.1 | 93.1 | Machine Patch | \$ 135,520.00 |
| 70 | 306.85 | 307.15 | Machine Patch | \$ 59,358.00 |
| 24 | 354.7 | 355.7 | Machine Patch | \$ 65,437.00 |
| 71 | 74.1 | 75.1 | Machine Patch | \$ 65,437.00 |
| 71 | 57.5 | 58.5 | Machine Patch | \$ 65,437.00 |
| 40 | 447 | 455 | Chip Seal | \$ 144,555.00 |
| 385 | 151 | 158.5 | Chip Seal | \$ 135,520.00 |
| 71 | 67.8 | 75.9 | Chip Seal | \$ 146,362.00 |
| 71 | 78.6 | 83.6 | Chip Seal | \$ 90,347.00 |
| | | | Sub-total | \$ 2,257,027.00 |

Region 2

| Highway | Begin MP | End MP | Type | Estimated Cost |
|---------|----------|--------|------|----------------|
|---------|----------|--------|------|----------------|

| | | | | |
|------------------|--------|--------|-----------------|-----------------------|
| 21B | 144 | 144.9 | Asphalt Overlay | \$97,297.00 |
| 24A | 259 | 259.9 | Asphalt Overlay | \$83,595.00 |
| 67D | 92.5 | 96.5 | Chip Seal | \$102,677.00 |
| 83A | 26.2 | 30 | Chip Seal | \$98,069.00 |
| 24G | 342.2 | 346 | Chip Seal | \$98,069.00 |
| 115A | 0 | 1 | Asphalt Overlay | \$123,902.68 |
| 115A | 22 | 24 | Asphalt Overlay | \$146,252.52 |
| 50B | 336 | 343.65 | Chip Seal | \$149,802.91 |
| 9A | 21 | 27 | Chip Seal | \$147,133.00 |
| 10A | 35.5 | 37 | Asphalt Overlay | \$133,622.54 |
| 350A | 27.85 | 29.5 | Asphalt Overlay | \$146,984.80 |
| 12A | 11 | 16.5 | Chip Seal | \$146,813.00 |
| 12A | 5.7 | 11 | Chip Seal | \$141,475.00 |
| 350A | 63.7 | 64.65 | Asphalt Overlay | \$149,526.00 |
| 109A | 29.2 | 30.22 | Asphalt Overlay | \$149,841.75 |
| 96B | 92.31 | 99.07 | Chip Seal | \$149,910.00 |
| 109A | 37.42 | 43.94 | Chip Seal | \$149,943.00 |
| 96D | 191 | 192.2 | Asphalt Overlay | \$149,970.00 |
| 160C | 492 | 497 | Chip Seal | \$149,962.00 |
| 50B | 462.58 | 467.58 | Chip Seal | \$149,500.00 |
| Sub-total | | | | \$2,664,346.20 |

Region 3 Section 2

| Highway | Begin MP | End MP | Type | Estimated Cost |
|------------------|----------|--------|--------------------------|--------------------|
| 6 | 92.7 | 96.1 | Chip Seal | \$111,998 |
| 82 | 45 | 52 | Chip Seal | \$112,640 |
| 92 | 50.5 | 55 | Chip Seal | \$108,500 |
| 141 | 102.1 | 107.1 | Chip Seal | \$136,400 |
| 330 | 5 | 10 | Chip Seal | \$140,600 |
| 347 | 1 | 5 | Chip Seal | \$88,350 |
| 348 | 5 | 12 | Chip Seal existing chips | \$54,250 |
| 6M | 60 | 86 | Machine Patch | \$120,000 |
| 6L | 89.3 | 90 | Machine Patch | \$134,874 |
| 50 | 32.9 | 68 | Machine Patch | \$149,200 |
| 50 | 119.8 | 121.2 | Machine Patch | \$114,530 |
| 82 | 59.6 | 61 | Machine Patch | \$72,193 |
| 133 | 54.7 | 65.15 | Machine Patch | \$110,850 |
| Sub-total | | | | \$1,454,385 |

Region 3 Section 6

| Highway | Begin MP | End MP | Type | Estimated Cost |
|------------------|----------|--------|-----------------|----------------------|
| 14 | 26.4 | 28 | Asphalt Overlay | \$ 135,000.00 |
| 40 | 177.3 | 178 | Asphalt Overlay | \$ 132,500.00 |
| 40 | 130.9 | 131.9 | Asphalt Overlay | \$ 149,000.00 |
| 125 | 54 | 58 | Chip Seal | \$ 149,000.00 |
| Sub-total | | | | \$ 565,500.00 |

Region 4

| Highway | Begin MP | End MP | Type | Estimated Cost |
|------------------|----------|--------|-----------|------------------------|
| 71E | 184.63 | 191.63 | Chip Seal | 148,000.00 |
| 59B | 59.5 | 65.6 | Chip Seal | 145,000.00 |
| 76A | 108 | 115 | Chip Seal | 102,000.00 |
| 76A | 149 | 165.5 | Chip Seal | 140,000.00 |
| 23A | 16 | 16.6 | Overlay | 92,000.00 |
| 52B | 109.7 | 110.9 | Overlay | 149,500.00 |
| 52A | 42 | 47 | Chip Seal | 147,500.00 |
| 52A | 52 | 57 | Chip Seal | 147,500.00 |
| 60B | 13.25 | 14.76 | Chip Seal | 100,000.00 |
| 60B | 10.44 | 11.7 | Chip Seal | 135,000.00 |
| 257A | 5.7 | 7.61 | Chip Seal | 132,000.00 |
| 66B | 245.8 | 250.8 | Chip Seal | 147,000.00 |
| 25A E Frontage | 232.1 | 235.1 | Chip Seal | 143,000.00 |
| 36B | 30.8 | 33.9 | Chip Seal | 145,000.00 |
| 42A | 2.95 | 4.84 | Chip Seal | 90,000.00 |
| 119A | 32.32 | 40.75 | Chip Seal | 120,000.00 |
| 60 | 1.25 | 2.45 | Overlay | 143,496.00 |
| I-25 FR | 250 | 252.26 | Chip Seal | 62,365.00 |
| 60 | 0 | 1.25 | Overlay | 143,496.00 |
| 56B | 4.5 | 5.23 | Overlay | 122,211.00 |
| 59 | 79.2 | 84 | Chip Seal | 147,600.00 |
| 59 | 89 | 94 | Chip Seal | 148,850.00 |
| 36 | 181 | 186 | Chip Seal | 149,214.00 |
| 36 | 195 | 203 | Chip Seal | 149,800.00 |
| Sub-total | | | | \$ 3,150,532.00 |

Region 5 Section 7

| Highway | Begin MP | End MP | Type | Estimated Cost |
|-------------------|----------|--------|---------------|-----------------------|
| 15A | 5.40 | 7.40 | Machine Patch | \$149,522.00 |
| 17A | 30.00 | 34.00 | Machine Patch | \$100,000.00 |
| 17B | 75.00 | 82.00 | Chip Seal | \$149,000.00 |
| 17B | 90.00 | 92.00 | Machine Patch | \$147,655.00 |
| 24A | 209.70 | 210.50 | Machine Patch | \$147,455.00 |
| 50A | 165.60 | 171.60 | Chip Seal | \$147,347.00 |
| 50A | 194.40 | 199.13 | Chip Seal | \$147,626.00 |
| 50A | 217.10 | 219.85 | Chip Seal | \$147,445.00 |
| 50A | 233.25 | 241.25 | Chip Seal | \$144,735.00 |
| 114A | 19.00 | 26.00 | Chip Seal | \$135,750.00 |
| 136A | 0.00 | 4.50 | Chip Seal | \$90,000.00 |
| 159A | 17.90 | 18.40 | Machine Patch | \$96,000.00 |
| 160A | 156.00 | 156.80 | Machine Patch | \$148,280.00 |
| 160A | 168.00 | 173.60 | Chip Seal | \$142,450.00 |
| 160A | 253.50 | 253.65 | Mill/Fill | \$85,000.00 |
| 160A | 271.00 | 271.70 | Machine Patch | \$143,000.00 |
| 285A | 7.05 | 9.75 | Chip Seal | \$100,000.00 |
| 285B | 58.80 | 60.20 | Machine Patch | \$145,500.00 |
| 285B | 70.00 | 77.50 | Chip Seal | \$140,000.00 |
| 285B | 109.60 | 113.85 | Chip Seal | \$149,600.00 |
| 285D | 161.79 | 166.80 | Chip Seal | \$147,840.00 |
| 371A | 4.00 | 6.00 | Machine Patch | \$140,000.00 |
| Various Locations | | | Crack Pouring | \$149,000.00 |
| Sub-total | | | | \$3,093,205.00 |

Region 5 Section 7 Continued

Oil for Chip Seal projects may not be available. Below are alternative projects for Chip Seal projects listed above.

| | | | | |
|------|--------|--------|---------------|----------------|
| 009A | 36.13 | 37.43 | Machine Patch | \$143,160.76 |
| 17A | 7.50 | 8.00 | Machine Patch | \$140,000.00 |
| 24A | 226.40 | 226.85 | Machine Patch | \$120,839.36 |
| 50A | 165.50 | 166.10 | Machine Patch | \$149,744.53 |
| 50A | 216.70 | 217.05 | Machine Patch | \$144,379.41 |
| 50A | 228.40 | 229.40 | Machine Patch | \$146,844.22 |
| 50A | 240.40 | 241.35 | Machine Patch | \$148,226.29 |
| 114A | 45.00 | 46.00 | Machine Patch | \$140,000.00 |
| 142A | 17.40 | 18.50 | Machine Patch | \$90,000.00 |
| 142A | 30.50 | 31.50 | Machine Patch | \$85,000.00 |
| 149A | 19.00 | 26.27 | Machine Patch | \$135,750.00 |
| 160A | 177.00 | 178.20 | Machine Patch | \$142,450.00 |
| | | | Sub-Total | \$1,586,394.57 |

Region 5 Section 3

| Highway | Begin MP | End MP | Type | Estimated Cost |
|---------|----------|--------|---------------|----------------|
| 151 | 31.00 | 32.50 | Machine Patch | \$110,400.00 |
| 145 | 51.00 | 51.50 | Machine Patch | \$92,000.00 |
| 491 | 66.40 | 69.50 | Chip Seal | \$119,096.94 |
| 491 | 32.00 | 35.30 | Chip Seal | \$149,848.00 |
| 491 | 0.00 | 4.10 | Chip Seal | \$145,859.00 |
| 184 | 11.00 | 15.70 | Chip Seal | \$125,167.38 |
| 145 | 16.00 | 21.50 | Chip Seal | \$141,286.32 |
| 160 | 30.00 | 34.20 | Chip Seal | \$139,507.37 |
| 84 | 23.20 | 27.90 | Chip Seal | \$116,010.00 |
| 151 | 12.00 | 17.00 | Chip Seal | \$109,687.00 |
| 151 | 23.80 | 29.00 | Chip Seal | \$115,066.00 |
| 550 | 53.50 | 57.50 | Chip Seal | \$112,570.07 |
| 550 | 94.30 | 96.30 | Chip Seal | \$54,689.55 |
| 141 | 60.60 | 64.60 | Chip Seal | \$99,876.00 |
| 145 | 84.30 | 88.30 | Chip Seal | \$99,876.00 |
| | | | Sub-total | \$1,730,939.63 |

Region 6

| Highway | Begin MP | End MP | Type | Estimated Cost |
|---------|----------|--------|--|----------------|
| 121a | 6.54 | 7.54 | 1 inch Overlay | \$98,634.36 |
| 83A | 73.21 | 73.81 | 1 inch Overlay | \$116,567.88 |
| 391A | 4.24 | 5.24 | Mill and overlay | \$147,294.00 |
| 8A | 8 | 8.68 | Mill and overlay | \$73,622.17 |
| 30A | 5.79 | 6.4 | 1 inch Overlay | \$108,118.50 |
| 121A | 4.9 | 5.43 | 1 inch Overlay | \$105,111.36 |
| I-25 | 193 | 193.56 | Overlay | \$131,385.04 |
| C-470 | 17 | 17.47 | Overlay | \$123,960.33 |
| 470A | 3.6 | 4.1 | Asphalt Overlay | \$138,807.32 |
| 85C | 235.1 | 236.03 | Asphalt Overlay | \$125,168.78 |
| | | | Asphalt Mill & Overlay Str.# (E-17- 00) | \$72,685.05 |
| 224A | 0.47 | 0.76 | | |
| | | | Sub-total | \$1,241,354.79 |

| | |
|------------------------------|------------------------|
| Total for all Regions | \$16,157,289.62 |
|------------------------------|------------------------|