



Public Works Department

31a

515 Clark Avenue, Ames, Iowa 50010
Phone 515-239-5160 ♦ Fax 515-239-5261

July 8, 2008

Honorable Mayor and Council Members
City of Ames
Ames, Iowa 50010

Ladies and Gentlemen:

I hereby certify that the **2000/2001 Arterial Street Rehabilitation Program, Dayton Avenue** has been completed in an acceptable manner by **Peterson Contractors, Inc.** and has been inspected by the Engineering Division of the Public Works Department of the City of Ames, Iowa.

I further certify that the total cost of the completed project was **\$4,140,564.07**. A list of the completed quantities is attached.

Sincerely,

John C. Joiner, P.E.
Public Works Director

JCJ/jma

Attachment

cc: Finance, Contractor, PW Administrative Assistant, Construction Supervisor, PW Senior Clerk, Project File

| Item Description | Unit | Price | Quantity | Total |
|---|------|-----------|------------|------------|
| 10 Clearing & Grubbing | UNIT | 10.00 | 447.00 | 4,470.00 |
| 30 Embankment-In-Place | CY | 5.00 | 104,710.00 | 523,550.00 |
| 40 Topsoil, Strip, Salvage & Spread | CY | 5.00 | 6,603.00 | 33,015.00 |
| 50 Compact. W/Moisture & Density Control | CY | 0.50 | 68,981.00 | 34,490.50 |
| 60 Granular Shoulders, Type A | TON | 20.00 | 107.10 | 2,142.00 |
| 70 Shoulder Finishing, Earth | STA | 200.00 | 123.45 | 24,690.00 |
| 80 Relocation Of Mail Boxes | EACH | 160.00 | 3.00 | 480.00 |
| 90 Bridge Approach Section | SY | 77.00 | 0.00 | 0.00 |
| 100 Stand./Slip Form Pcc Pvmnt, Cl C, Cl 2 Dura., 8 " | SY | 37.00 | 4,210.96 | 155,805.52 |
| 110 Stand./Slip Form Pcc Pvmnt, Cl C, Cl 2 Dura., 9 " | SY | 36.00 | 23,676.49 | 852,353.64 |
| 120 Pcc Pavement Samples | LS | 2,500.00 | 1.00 | 2,500.00 |
| 140 Adjustment Of Fixtures | EACH | 600.00 | 12.00 | 7,200.00 |
| 150 Hot Mix Asphalt, Driveway | SY | 25.50 | 4,090.14 | 104,298.57 |
| 160 Surfacing, Driveway, Cl A Crushed Stone | TON | 20.00 | 264.43 | 5,288.60 |
| 170 Removal Of Existing Structures | LS | 15,000.00 | 0.67 | 10,110.00 |
| 180 Granular Backfill | TON | 8.40 | 23,378.71 | 196,381.16 |
| 190 Aprons, Concrete, 15 " Dia. | EACH | 1,135.00 | 1.00 | 1,135.00 |
| 200 Aprons, Concrete, 18 " Dia. | EACH | 1,155.00 | 1.00 | 1,155.00 |
| 210 Aprons, Concrete, 24 " Dia. | EACH | 1,170.00 | 1.00 | 1,170.00 |
| 220 Aprons, Concrete, 48 " Dia. | EACH | 1,965.00 | 2.00 | 3,930.00 |
| 250 Guard, Pipe Apron, (Rf-26) 18 " | EACH | 435.00 | 1.00 | 435.00 |
| 270 Aprons, Metal, 24 " Dia. | EACH | 250.00 | 2.00 | 500.00 |
| 280 Culvert, Uncl. Entrance Pipe, 24 " Dia. | LF | 30.00 | 46.00 | 1,380.00 |
| 290 Subdrain, Longitudinal, 4 " Dia. | LF | 4.70 | 7,242.00 | 34,037.40 |
| 310 Intake, Modification | EACH | 500.00 | 2.00 | 1,000.00 |
| 320 Intake, Spec., Single, As Per Plan (M-A) | EACH | 1,685.00 | 4.00 | 6,740.00 |
| 340 Intake, Top Only, As Per Plan | EACH | 870.00 | 2.00 | 1,740.00 |
| 360 Intake, Type M-A | EACH | 1,685.00 | 13.00 | 21,905.00 |
| 370 Intake, Type M-C | EACH | 2,540.00 | 2.00 | 5,080.00 |
| 380 Intake, Type M-D | EACH | 3,550.00 | 8.00 | 28,400.00 |
| 400 Utility Access, Ra-49 | EACH | 2,870.00 | 2.00 | 5,740.00 |
| 410 Sewer Pipe, 2000D Storm, 15 " Dia. | LF | 35.90 | 1,332.00 | 47,818.80 |
| 420 Sewer Pipe, 2000D Storm, 18 " Dia. | LF | 37.50 | 400.00 | 15,000.00 |
| 430 Sewer Pipe, 2000D Storm, 24 " Dia. | LF | 45.00 | 426.00 | 19,170.00 |
| 440 Sewer Pipe, 2000D Storm, 48 " Dia. | LF | 129.00 | 96.00 | 12,384.00 |
| 460 Sewer Pipe, 3750D Storm, 15 " Dia. | LF | 35.90 | 365.00 | 13,103.50 |
| 470 Sewer Pipe, 3750D Storm, 18 " Dia. | LF | 40.50 | 365.00 | 14,782.50 |
| 480 Utility Access, Special (M-B Manhole) | EACH | 2,590.00 | 1.00 | 2,590.00 |
| 500 Erosion Stone | TON | 30.00 | 26.52 | 795.60 |
| 510 Removal Of Pavement | SY | 5.45 | 13,369.52 | 72,863.88 |
| 520 Sidewalk, P.C. Concrete, 5 " | SY | 22.00 | 0.00 | 0.00 |
| 530 Driveway, P.C. Concrete, 8 " | SY | 33.50 | 2,547.08 | 85,327.21 |
| 540 Removal Of Paved Driveway | SY | 4.00 | 5,127.00 | 20,508.00 |
| 550 Road Closure (Urban), Permt, Re-3B | EACH | 850.00 | 1.00 | 850.00 |
| 560 Safety Closure | EACH | 795.00 | 6.00 | 4,770.00 |
| 570 Fence, Chain Link, Vinyl Coated | STA | 1,500.00 | 2.33 | 3,495.00 |
| 580 Fence, Chain Link, 72 " Height, On Wall | STA | 3,000.00 | 9.23 | 27,690.00 |
| 590 Fence, Remove & Reinstall Chain Link | STA | 700.00 | 7.41 | 5,187.00 |
| 620 Lighting Poles | EACH | 2,000.00 | 51.00 | 102,000.00 |
| 630 Electrical Circuits | LF | 4.00 | 5,821.00 | 23,284.00 |
| 640 H&Holes & Junction Boxes | EACH | 350.00 | 44.00 | 15,400.00 |
| 650 Control Cabinet | EACH | 3,500.00 | 1.00 | 3,500.00 |

| Item Description | Unit | Price | Quantity | Total |
|---|------|------------|-----------|------------|
| 660 Remove & Reinstall Sign | EACH | 100.00 | 6.00 | 600.00 |
| 670 Traffic Signalization | LS | 19,850.00 | 1.00 | 19,850.00 |
| 680 Construction Survey | LS | 35,000.00 | 1.00 | 35,000.00 |
| 690 Painted Pvmnt Mrks., Waterborne | STA | 11.55 | 176.25 | 2,035.69 |
| 700 Painted Symb & Lgnd., Waterborne | EACH | 55.00 | 61.00 | 3,355.00 |
| 710 Pavement Markings Removed | STA | 17.70 | 16.23 | 287.27 |
| 720 Traffic Control | LS | 20,000.00 | 1.00 | 20,000.00 |
| 730 Flaggers | DAY | 215.00 | 5.00 | 1,075.00 |
| 740 Mobilization | LS | 235,000.00 | 1.00 | 235,000.00 |
| 750 Mech.Stabil.Earth Retaining Wall | SF | 21.30 | 18,538.53 | 394,870.69 |
| 770 Adjust Fire Hydrant | EACH | 1,289.00 | 5.00 | 6,445.00 |
| 780 Relocate Fire Hydrant | EACH | 1,000.00 | 3.00 | 3,000.00 |
| 790 Removal Of Fire Hydrant | EACH | 300.00 | 3.00 | 900.00 |
| 800 Valve Box, 8 " | EACH | 100.00 | 6.00 | 600.00 |
| 810 Water Main, Pvc, 8 " Dia. | LF | 32.50 | 276.00 | 8,970.00 |
| 820 Water Main Encasement | LF | 34.00 | 175.00 | 5,950.00 |
| 830 Water Main Fittings | LB | 2.36 | 7,070.00 | 16,685.20 |
| 870 Sanitary Sewer Chimney Seal | EACH | 450.00 | 6.00 | 2,700.00 |
| 880 Sanitary Sewer Util.Access Major Adj | EACH | 2,180.00 | 8.00 | 17,440.00 |
| 890 Sanitary Sewer Util.Access Minor Adj | EACH | 800.00 | 2.00 | 1,600.00 |
| 950 Water Main, Pvc, 14" | LF | 47.10 | 1,396.00 | 65,751.60 |
| 960 Rem. & Repl. Steel Fence & Gates | STA | 1,000.00 | 8.69 | 8,690.00 |
| 970 Mulching | ACRE | 290.00 | 12.85 | 3,725.92 |
| 980 Seeding & Fertilizing (Urban) | ACRE | 650.00 | 8.85 | 5,751.20 |
| 990 Silt Ditches | LF | 1.75 | 0.00 | 0.00 |
| 1000 Silt Fence | LF | 1.60 | 2,308.00 | 3,692.80 |
| 1010 Silt Fence For Ditch Checks | LF | 1.60 | 0.00 | 0.00 |
| 1020 Removal Of Silt Fence | LF | 0.35 | 2,308.00 | 807.80 |
| 1060 Subdrain Outlet (Rf-19C) | EACH | 210.00 | 40.00 | 8,400.00 |
| 1080 Oversize Traffic Control Signs | LS | 204.00 | 1.00 | 204.00 |
| 1090 Core Out/Replace , 301+00 To 302+00 | LS | 1,229.48 | 1.00 | 1,229.48 |
| 1100 Temp. Rock Road On Dayton North End | LS | 4,508.50 | 1.00 | 4,508.50 |
| 1110 Subdrain,Corrugated,Polyethylene,8" | LF | 8.00 | 165.00 | 1,320.00 |
| 1120 Coreout & Stabil.Added Lane,301+00 - 304+00 Rt | LS | 2,984.34 | 1.00 | 2,984.34 |
| 1130 Coreout For Retaining Wall,139+00 - 142+00 Lt | LS | 251.00 | 1.00 | 251.00 |
| 1140 Temp. Lane Wide. For Safety,109+75 Lt | LS | 171.00 | 1.00 | 171.00 |
| 1150 Temp. Lane Wide. For Safety,134+00 - 144+00 Lt | LS | 762.50 | 1.00 | 762.50 |
| 1160 Temp. Lane Wide. For Safety,144+00 - 152+00 Rt | LS | 281.00 | 1.00 | 281.00 |
| 1170 Coreout & Stabilize,142+00 - 143+00 Lt | LS | 2,831.62 | 1.00 | 2,831.62 |
| 1180 Coreout By San. Manholes, 139+00 - 152+00 | LS | 289.60 | 1.00 | 289.60 |
| 1190 R & R 50 Lf Of 15" Storm Sewer, 144+00 Lt | LS | 1,080.22 | 1.00 | 1,080.22 |
| 1200 Repair & Modify San. Sew. Service,144+00 Lt | LS | 615.19 | 1.00 | 615.19 |
| 1210 Coreout & Stabilize 139+00 - 142+50 Lt | LS | 3,233.92 | 1.00 | 3,233.92 |
| 1220 Add Certified Plant Insect. Pcc Pvt.Sec 2521 | SY | 1.21 | 31,215.34 | 37,770.56 |
| 1230 Add Pvt Smoothness Chart B, Sec 2316 | SY | 0.11 | 23,612.67 | 2,597.39 |
| 1250 Concrete Collar | EA | 183.38 | 6.00 | 1,100.28 |
| 1260 Utility Access @ 132+97,36'Lt, 135+23,36'Lt,145+33,28 Lt | LS | 4,449.35 | 1.00 | 4,449.35 |
| 1270 Special Backfill | CY | 31.00 | 4,871.00 | 151,001.00 |
| 1280 Extra Survey Through 7/17/02 | LS | 1,386.00 | 1.00 | 1,386.00 |
| 1290 Repair Service Stop Box, 144+50 Lt. | LS | 314.00 | 1.00 | 314.00 |
| 1300 Install Hydrant, Tee, And Hydrant Run, 131+50 | LS | 3,158.80 | 1.00 | 3,158.80 |

| Item Description | Unit | Price | Quantity | Total |
|---|------|-----------|-----------|-----------|
| 1310 Install 232 Lf 12" Water Service & Apprtn. To 3M | LS | 18,396.98 | 1.00 | 18,396.98 |
| 1320 Install 14" X 14" Tee, Valve, & Apprtn., 124+21 Lt & 133+62 Rt | LS | 13,467.83 | 1.00 | 13,467.83 |
| 1330 Remove Mh, Replace With Dip, 129+86 Lt | LS | 3,888.46 | 1.00 | 3,888.46 |
| 1340 Raise Fire Hydrant With Appurtenances 143+91 Rt | LS | 2,001.40 | 1.00 | 2,001.40 |
| 1350 Remove And Replace Intake Walls, 300+94, Lt & Rt | LS | 2,307.50 | 1.00 | 2,307.50 |
| 1360 Install City Furnished 14" Valve, 119+88 Lt | LS | 2,900.00 | 1.00 | 2,900.00 |
| 1370 Convert Beehive To Manhole, 304+18 Rt | LS | 2,429.00 | 1.00 | 2,429.00 |
| 1380 Coreout And Stabilize, 135+91 Lt | LS | 500.00 | 1.00 | 500.00 |
| 1390 Coreout And Stabilize, 530+50 - 531+50 Lt & Rt | LS | 2,333.00 | 1.00 | 2,333.00 |
| 1400 Coreout/Replace 136+50 - 138+50 Lt | LS | 1,555.55 | 1.00 | 1,555.55 |
| 1410 Exploratory Digging 141+00 - 150+00 | LS | 3,293.55 | 1.00 | 3,293.55 |
| 1420 Limestone Block Retaining Wall | SF | 23.95 | 2,747.41 | 65,800.47 |
| 1430 Lighting Pole Upgrade | EACH | 105.00 | 44.00 | 4,620.00 |
| 1440 Lighting Pole Luminaire Upgrade | EACH | 36.30 | 51.00 | 1,851.30 |
| 1450 24" Cmp In Mse Wall | LF | 47.50 | 340.00 | 16,150.00 |
| 1460 Extra Survey To 8/30/02 | LS | 2,881.50 | 1.00 | 2,881.50 |
| 1470 Sewer Repair @ 128+20 Lt | LS | 352.10 | 1.00 | 352.10 |
| 1480 Trash Load To Landfill | EA | 115.00 | 1.00 | 115.00 |
| 1490 Bore Pit Stabilization | LS | 966.41 | 1.00 | 966.41 |
| 1500 Wall "C" Class 'A' Stabilization | TON | 20.00 | 1,784.24 | 35,684.80 |
| 1510 Concrete Collars @48"Tie In,Hach, Universal | LS | 500.00 | 1.00 | 500.00 |
| 1520 Restocking Fee For Rcp Changes So. Of Rr | LS | 475.00 | 1.00 | 475.00 |
| 1530 Relocate 8" H2O Line & Hydr. @ Amx Drive | LS | 7,370.00 | 1.00 | 7,370.00 |
| 1540 Install 12" Rcp @Amx Drive, Hach, Universal | LS | 15,500.00 | 1.00 | 15,500.00 |
| 1550 Repair 6" Hach Water Discharge Line | LS | 950.00 | 1.00 | 950.00 |
| 1560 Relocate Traffic Hanhole | EA | 2,860.00 | 2.00 | 5,720.00 |
| 1570 Dowelled Curb | LF | 16.50 | 75.00 | 1,237.50 |
| 1580 Restocking Fee For Mse Wall Supplies | LS | 206.50 | 1.00 | 206.50 |
| 1590 Extra Traffic Signing In Nov. | LS | 400.00 | 1.00 | 400.00 |
| 1600 R&R Pcc In Watervalue Search | LS | 2,970.00 | 1.00 | 2,970.00 |
| 1610 Pcc Cold Weather Covering | SY | 0.30 | 12,205.00 | 3,661.50 |
| 1620 Intake Changes @ N.E. Cor. Lincoln Way & Dayton | LS | 1,853.50 | 1.00 | 1,853.50 |
| 1630 Pcc Curb Stacked On | LF | 7.70 | 1,591.50 | 12,254.55 |
| 1640 30" Pcc Curb & Gutter, Dowelled On | LF | 27.50 | 233.50 | 6,421.25 |
| 1650 9" Pcc Adjustment W/M4 | SY | 9.90 | 87.50 | 866.25 |
| 1660 9" Pcc Drive W/Cd Baskets | SY | 36.00 | 0.00 | 0.00 |
| 1670 Handform Gutter Through Drive | LF | 4.40 | 680.60 | 2,994.64 |
| 1680 Reinforcing 8" Pcc Driveways | SY | 1.10 | 2,057.80 | 2,263.58 |
| 1690 Sidewalk, Pcc 5" Adjusted | SY | 33.45 | 974.18 | 32,586.32 |
| 1700 Extra Traffic Signing At Bridge | LS | 2,805.00 | 1.00 | 2,805.00 |
| 1710 24" Cmp Relocation | LS | 1,415.00 | 1.00 | 1,415.00 |
| 1720 River Rock @ Dialysis Center | LS | 296.00 | 1.00 | 296.00 |
| 1730 Coreout & Stabilize @115+50 To 116+30 Lt | LS | 355.55 | 1.00 | 355.55 |
| 1740 Place Riprap @ 48" Outlet | LS | 220.00 | 1.00 | 220.00 |
| 1750 Special Shaping For 3M Wall | LS | 3,920.00 | 1.00 | 3,920.00 |
| 1760 8" Draintile @ 132+75 Rt | LS | 348.00 | 1.00 | 348.00 |
| 1770 Spread Black Dirt Outside R.O.W. @ 115+00 Lt | HR | 110.00 | 2.00 | 220.00 |
| 1780 Horizontal Curb Sawing @ 122 + 40 Lt | LF | 15.40 | 66.50 | 1,024.10 |
| 1790 Special Shaping @ 134+25 Lt | LS | 240.00 | 1.00 | 240.00 |
| 1800 Mse Wall "C" Modifications | LS | 2,370.00 | 1.00 | 2,370.00 |
| 1810 Hma Bike Trail | TON | 45.00 | 935.29 | 42,088.05 |

| Item Description | Unit | Price | Quantity | Total |
|--|------|------------|----------|-----------------------|
| 1820 Ford St. Pvt. Grade Correction | LS | 4,632.32 | 1.00 | 4,632.32 |
| 1830 9" Pcc Drive W/Cd Baskets | SY | 39.60 | 467.26 | 18,503.50 |
| 1840 Acc Mill And Patch @ 3M | LS | 1,890.90 | 1.00 | 1,890.90 |
| 1850 Extra 12" Fes & Valve Stem Extensions | LS | 2,227.50 | 1.00 | 2,227.50 |
| 1860 Millings For Temp Drive Access | TON | 4.11 | 492.00 | 2,022.12 |
| 1870 Locate Utilities For Vertical Cmp'S | LS | 2,033.00 | 1.00 | 2,033.00 |
| 1880 Extra Survey Through 10/30/02 | LS | 3,196.00 | 1.00 | 3,196.00 |
| 1890 Extra Pavement Sawing | LF | 3.17 | 723.00 | 2,291.91 |
| 1900 Storm Sewer Manhole Casting | EA | 215.71 | 3.00 | 647.13 |
| 1910 Tie-In 8" Watermain | LS | 2,102.03 | 1.00 | 2,102.03 |
| 1920 Hydrant Relocation @ Gas Line | LS | 664.41 | 1.00 | 664.41 |
| 1930 Exploratory Digging @ Sub-Station | LS | 353.42 | 1.00 | 353.42 |
| 1940 Stabilize @ Borepit For Watermain | LS | 2,536.25 | 1.00 | 2,536.25 |
| 1950 Remove 15" Rcp @ 118+00 Lt | LS | 2,034.22 | 1.00 | 2,034.22 |
| 1960 Tie Storm Pipes @ 128+50 Rt | LS | 713.47 | 1.00 | 713.47 |
| 1970 Install Curb @ Becker Frontage Rd. | LF | 17.92 | 306.00 | 5,483.52 |
| 1980 2.5"X2.5"X12' Posts | EA | 52.00 | 68.00 | 3,536.00 |
| 1990 Stand Pcc Pvmnt, Cl. C, 2 Dura. 8" @ Watt | SY | 49.50 | 145.62 | 7,208.19 |
| 2000 Removal Of Pavement @ Watt | SY | 13.20 | 133.95 | 1,768.14 |
| 2010 Sidewalk, Pcc, 8 In. @ Watt | SY | 49.50 | 11.35 | 561.83 |
| 2020 Dome, Truncated, Plastic @ Watt | SF | 38.50 | 8.00 | 308.00 |
| 2030 Backfill And Traffic Control @ Watt | LS | 1,100.00 | 1.00 | 1,100.00 |
| 2050 Provide Rebar Cage In Vac. Fence Post Hole | ea | 511.50 | 40.00 | 20,460.00 |
| 2070 Extra 72" Cl. Fence Material | LS | 778.15 | 1.00 | 778.15 |
| 2080 Hach Property Area Drain | LS | 2,480.30 | 1.00 | 2,480.30 |
| 2090 Move Traffic Signal Handhole | LS | 6,844.75 | 1.00 | 6,844.75 |
| 2110 Remove & Extend 15" Fes @ St-17 | LS | 880.00 | 1.00 | 880.00 |
| 2120 Tunneling For 14" Waterline | LS | 1,980.00 | 1.00 | 1,980.00 |
| 2130 Install City Provided Hydrant | LS | 440.00 | 1.00 | 440.00 |
| 2140 Install City Provided Valve | LS | 275.00 | 1.00 | 275.00 |
| 2150 Reroute 14" Waterline Around Electric Ducting | LS | 6,858.50 | 1.00 | 6,858.50 |
| 2160 Tie 14" Waterline To 18" Waterline | LS | 2,750.00 | 1.00 | 2,750.00 |
| 2170 Special Bridge Slope Seeding,Fert, Mulch | ACRE | 3,520.00 | 0.50 | 1,760.00 |
| 2180 Sono Tube Placement | LF | 9.63 | 144.00 | 1,386.72 |
| 2190 Post Hole Overexcavation | EACH | 71.50 | 0.00 | 0.00 |
| 2200 Retaining Wall Repair 140+00 To 142+00 Lt | LS | 1,857.15 | 1.00 | 1,857.15 |
| 2210 Luminare Arm Installation By Others | EA | (50.00) | 7.00 | (350.00) |
| 2220 Install 18" Valve & Hydrant Run @ 126+70 Lt | LS | 7,119.17 | 1.00 | 7,119.17 |
| 2230 Imported Topsoil | CY | 5.00 | 937.00 | 4,685.00 |
| 2240 Price Adjustment On Traffic Signalization | LS | (2,348.16) | 1.00 | (2,348.16) |
| 2250 Pavement Thickness Incentive | LS | 25,501.68 | 1.00 | 25,501.68 |
| Project Total | | | | \$4,140,564.07 |