

RECAPITULATION OF ROAD & PROJECT QUANTITIES

| LUMP SUM BID ITEMS - PAVING | | |
|---|--------|------|
| Field Office & Laboratory (Type A) | 1 | Ea |
| Mobilization | 1 | LS |
| Site Clearing | 1 | LS |
| Site Restoration | 1 | LS |
| Removal of Existing Structure | 1 | LS |
| Excavation | 5,917 | CY |
| Fill, Compacted (95% Density) | 362 | CY |
| Retaining Wall | 1 | LS |
| MEASURED QUANTITY BID ITEMS - PAVING | | |
| Pavement &/or Curb & Gutter Removed | 21,587 | SY |
| Sidewalk Drive, &/or Flag Lot Removed | 6,138 | SY |
| AC Pavement 7" (5" Bit. Base) | 13,313 | SY |
| Concrete Pavement 8" (Reinforced) (Parking) | 339 | SY |
| Concrete Pavement 8" (Reinforced) (VG) | 2,490 | SY |
| Concrete Pavement 9" (Reinforced) | 717 | SY |
| Concrete Pavement 9" (NRDJ) | 2,684 | SY |
| Crushed Rock Base 6", Reinforced | 4,169 | SY |
| Crushed Rock Base 7", Reinforced | 2,367 | SY |
| Crushed Rock Base 8", Reinforced | 16,398 | SY |
| Concrete C & G, Comb. Type 1 (6" & 1-1/2") | 7,909 | LF |
| Concrete Curb, Mono Edge (6" & 1-1/2") | 1,410 | LF |
| Brick Pavers (Crosswalks) | 340 | SY |
| Wheelchair Ramp w/ Detectable Warnings (5' Wide) | 33 | Ea |
| Wheelchair Ramp w/ Detectable Warnings (10' Wide) | 14 | Ea |
| Inlet Hookups | 22 | Ea |
| Concrete Driveway 8" (Reinforced) | 34,946 | SF |
| Concrete Sidewalk, 4" | 22,041 | SF |
| Concrete Sidewalk, 5" | 33,709 | SF |
| Concrete Pavement 6" (Drive Hookup) | 456 | SF |
| AC Pavement Temporary | 500 | SY |
| Tree Removed (Large) | 26 | Ea |
| Tree Removed (Small) | 5 | Ea |
| Reclaimed Brick Pavers (in Plaza Areas) | 306 | SY |
| Remove and Reset Bus Stop Shelter & Bike Rack | 1 | Ea |
| Remove and Reset Bench & Bike Rack | 2 | Ea |
| MEASURED QUANTITY BID ITEMS - DRAINAGE | | |
| Inlet, Curb (Type 1) (L=10' W=3') | 16 | Ea |
| Inlet, Curb (Type 1) (L=5' W=3') | 6 | Ea |
| Inlet, Drop (Double) | 1 | Ea |
| MH, Standard SWS (4') | 4 | Ea |
| MH, Standard SWS (5') | 5 | Ea |
| MH, Standard SWS (6') | 2 | Ea |
| MH, Shallow SWS (5') | 2 | Ea |
| MH, Shallow SWS (6') | 3 | Ea |
| MH, Shallow SWS (7') | 2 | Ea |
| Headwall RC 48" (Outfall) | 1 | Ea |
| Pipe, SWS 48" | 1,335 | LF |
| Pipe, SWS 36" | 1,319 | LF |
| Pipe, SWS 30" | 407 | LF |
| Pipe, SWS 24" | 1,015 | LF |
| Pipe, SWS 18" | 266 | LF |
| Pipe, SWS 15" | 603 | LF |
| Inlet Reconstructed | 4 | Ea |
| Inlet Removed | 2 | Ea |
| Pipe Removed | 86 | LF |
| Pipe Abandoned In Place | 32 | LF |
| MH Adjusted w/ New Ring & Cover | 2 | Ea |
| Fill, Sand (Flushed & Vibrated) | 4,945 | LF |
| Pipe, SWS PVC Perforated (Underdrain) | 200 | LF |
| MEASURED QUANTITY BID ITEMS - SANITARY | | |
| MH, Standard SS (4') | 5 | Ea |
| Pipe, SS 8" | 386 | LF |
| Fill, Sand (Flushed & Vibrated) | 386 | LF |
| Service Reconnection, Sewer | 1 | Ea |
| MH Removed | 6 | Ea |
| Pipe Abandoned In Place | 422 | LF |
| Pipe Removed | 325 | LF |
| MEASURED QUANTITY BID ITEMS - WATER | | |
| Pipe, WL 8" | 5,250 | LF |
| Pipe, WL DICL 8" | 259 | LF |
| Valve Assembly, Anchored 8" | 13 | Ea |
| Service Outlet Assembly, 2" | 1 | Ea |
| Valve Assembly, Anchored 8", Special | 1 | Ea |
| Valve Assembly, Air Release (2") | 1 | Ea |
| Fire Hydrant Assembly | 11 | Ea |
| Fire Hydrant Removed | 8 | Ea |
| Service Line, Long 1" (Includes New Meter Box, Meter Setter & Meter) | 29 | Ea |
| Service Line, Short 1" (Includes New Meter Box, Meter Setter & Meter) | 35 | Ea |
| Service Line, Short 2" (Includes New Meter Box, Meter Setter & Meter) | 2 | Ea |
| Fill, Sand (Flushed & Vibrated) | 5,509 | LF |
| LUMP SUM BID ITEMS - TRAFFIC | | |
| Pavement Marking | 1 | LS |
| Signage | 1 | LS |
| Traffic Control | 1 | LS |
| Traffic Signalization | 1 | LS |
| MEASURED QUANTITY BID ITEMS - TRAFFIC | | |
| Signage, Elec. Portable Message (each per day) | 14 | days |
| MEASURED QUANTITY BID ITEMS - EROSION CONTROL | | |
| Sodding | 1 | LS |
| BMP, Construction Entrance | 2 | Ea |
| BMP, Curb Inlet Protection | 31 | Ea |
| BMP, Drop Inlet Protection | 1 | Ea |
| BMP, Back of Curb Protection | 8,210 | LF |
| BMP, Silt Fence | 150 | LF |

| ENCROACHMENT LIST | | | |
|-------------------|------------|--------|-----------------|
| STATION | ROADWAY | OFFSET | ITEM |
| 20+94.11 | 9th Street | Right | Chainlink Fence |
| 25+04.45 | 9th Street | Right | Chainlink Fence |
| 25+00-29+00 | 9th Street | Left | Chainlink Fence |
| 32+01.28 | 9th Street | Right | Chainlink Fence |
| 33+02.92 | 9th Street | Right | Chainlink Fence |
| 40+22-41+27 | 9th Street | Right | Wooden Fence |

| AC PAVEMENT 7" (5" BIT. BASE) | | | | | |
|-------------------------------|----------|---------|------|------------------|-----------|
| STA. TO STA. | ROADWAY | OFFSET | TYPE | AREA (Sq. Yds.) | |
| 3+11.08 | 17+96.58 | 9th St. | — | Roadway | 5,918.49 |
| 22+03.53 | 44+81.96 | 9th St. | — | Roadway | 7,541.77 |
| | | | | Brick Crosswalks | -146.86 |
| | | | | TOTAL | 13,313.40 |

| CONCRETE PAVEMENT 8" (REINF.) (PARKING) | | | | | |
|---|----------|---------|------|-----------------|--------|
| STA. TO STA. | ROADWAY | OFFSET | TYPE | AREA (Sq. Yds.) | |
| 13+92.00 | 16+12.00 | 9th St. | — | Parking | 150.66 |
| 30+61.13 | 32+59.13 | 9th St. | — | Parking | 125.32 |
| 33+83.34 | 34+93.34 | 9th St. | — | Parking | 62.67 |
| | | | | TOTAL | 338.65 |

| CONCRETE PAVEMENT 8" (REINF.) (VG) | | | | | |
|------------------------------------|---------|---------|---------------|-----------------|----------|
| STATION | ROADWAY | OFFSET | TYPE | AREA (Sq. Yds.) | |
| 3+57.41 | 9th St. | 22' Lt. | Valley Gutter | 125.13 | |
| 3+65.16 | 9th St. | 22' Rt. | Valley Gutter | 140.09 | |
| 6+79.82 | 9th St. | 17' Rt. | Valley Gutter | 171.51 | |
| 6+88.56 | 9th St. | 19' Lt. | Valley Gutter | 145.64 | |
| 10+12.67 | 9th St. | 17' Lt. | Valley Gutter | 171.53 | |
| 13+39.62 | 9th St. | 17' Rt. | Valley Gutter | 171.51 | |
| 13+42.08 | 9th St. | 17' Lt. | Valley Gutter | 171.53 | |
| 16+71.69 | 9th St. | 17' Lt. | Valley Gutter | 171.54 | |
| 23+35.57 | 9th St. | 17' Lt. | Valley Gutter | 171.53 | |
| 26+59.37 | 9th St. | 17' Rt. | Valley Gutter | 171.53 | |
| 26+65.69 | 9th St. | 17' Lt. | Valley Gutter | 171.57 | |
| 29+95.50 | 9th St. | 17' Lt. | Valley Gutter | 171.57 | |
| 33+27.72 | 9th St. | 17' Lt. | Valley Gutter | 171.54 | |
| 33+33.05 | 9th St. | 17' Rt. | Valley Gutter | 171.51 | |
| 39+92.52 | 9th St. | 11' Rt. | Valley Gutter | 192.22 | |
| | | | | TOTAL | 2,489.95 |

| CONCRETE PAVEMENT 9" (REINF.) | | | | | |
|-------------------------------|---------|--------|--------------|-----------------|--------|
| STATION | ROADWAY | OFFSET | TYPE | AREA (Sq. Yds.) | |
| 20+00.00 | 9th St. | — | Intersection | 716.82 | |
| | | | | TOTAL | 716.82 |

| CONCRETE PAVEMENT 9" (NRDJ) | | | | | |
|-----------------------------|----------|---------|------|-----------------|----------|
| STA. TO STA. | ROADWAY | OFFSET | TYPE | AREA (Sq. Yds.) | |
| 17+96.58 | 19+50.58 | 9th St. | — | NRDJ | 581.77 |
| 20+49.53 | 22+03.53 | 9th St. | — | NRDJ | 581.77 |
| 8+06.58 | 9+50.58 | Grove | — | NRDJ | 497.32 |
| 10+49.53 | 12+89.53 | Grove | — | NRDJ | 600.70 |
| 44+81.96 | 45+73.96 | 9th St. | — | NRDJ | 422.17 |
| | | | | TOTAL | 2,683.73 |

| REMOVAL OF EXISTING STRUCTURES | | | | |
|--------------------------------|------------|----------|---------------------|--|
| STATION | ROADWAY | OFFSET | ITEM | |
| 7+21.90 | 9th Street | 25.5' Lt | Inlet | |
| 7+34.10 | 9th Street | 25.5' Lt | Inlet | |
| 6+46-7+22 | 9th Street | 23.0' Lt | 18" SWS Pipe | |
| 19+69.44 | 9th Street | 34.2' Lt | Traffic Signal Pole | |
| 19+79.12 | 9th Street | 44.4' Lt | Traffic Manhole | |
| 20+23.95 | 9th Street | 35.0' Lt | Traffic Manhole | |
| 20+24.88 | 9th Street | 40.0' Lt | Traffic Signal Pole | |
| 19+64.92 | 9th Street | 38.2' Rt | Traffic Manhole | |
| 19+75.33 | 9th Street | 41.2' Rt | Traffic Signal Pole | |
| 20+23.79 | 9th Street | 44.0' Rt | Traffic Manhole | |
| 20+30.32 | 9th Street | 34.0' Rt | Traffic Signal Pole | |
| 20+31.16 | 9th Street | 40.7' Rt | Traffic Controller | |

| CRUSHED ROCK BASE 6", REINFORCED | | | | | |
|----------------------------------|----------|---------|--------------|-----------------|----------|
| STA. TO STA. | ROADWAY | OFFSET | TYPE | AREA (Sq. Yds.) | |
| 17+96.58 | 19+50.58 | 9th St. | — | NRDJ | 701.52 |
| 20+49.53 | 22+03.53 | 9th St. | — | NRDJ | 701.52 |
| 8+06.58 | 9+50.58 | Grove | — | NRDJ | 609.36 |
| 10+49.53 | 12+89.53 | Grove | — | NRDJ | 740.80 |
| 44+81.96 | 45+73.96 | 9th St. | — | NRDJ | 504.20 |
| 20+00.00 | 9th St. | — | Intersection | 792.25 | |
| 19+65.00 | 9th St. | 30' Lt. | Brick Apron | 33.96 | |
| 19+65.00 | 9th St. | 30' Rt. | Brick Apron | 26.50 | |
| 20+35.00 | 9th St. | 30' Lt. | Brick Apron | 30.67 | |
| 20+35.00 | 9th St. | 30' Rt. | Brick Apron | 28.40 | |
| | | | | TOTAL | 4,169.18 |

| CRUSHED ROCK BASE 7", REINFORCED | | | | | |
|----------------------------------|----------|---------|---------------|-----------------|----------|
| STA. TO STA. | ROADWAY | OFFSET | TYPE | AREA (Sq. Yds.) | |
| 3+57.41 | 9th St. | 22' Lt. | Valley Gutter | 98.65 | |
| 3+65.16 | 9th St. | 22' Rt. | Valley Gutter | 110.41 | |
| 6+79.82 | 9th St. | 17' Rt. | Valley Gutter | 137.64 | |
| 6+88.56 | 9th St. | 19' Lt. | Valley Gutter | 115.67 | |
| 10+12.67 | 9th St. | 17' Lt. | Valley Gutter | 137.66 | |
| 13+39.62 | 9th St. | 17' Rt. | Valley Gutter | 137.65 | |
| 13+42.08 | 9th St. | 17' Lt. | Valley Gutter | 137.65 | |
| 16+71.69 | 9th St. | 17' Lt. | Valley Gutter | 137.65 | |
| 23+35.57 | 9th St. | 17' Lt. | Valley Gutter | 137.65 | |
| 26+59.37 | 9th St. | 17' Rt. | Valley Gutter | 137.63 | |
| 26+65.69 | 9th St. | 17' Lt. | Valley Gutter | 137.68 | |
| 29+95.50 | 9th St. | 17' Lt. | Valley Gutter | 137.68 | |
| 33+27.72 | 9th St. | 17' Lt. | Valley Gutter | 137.63 | |
| 33+33.05 | 9th St. | 17' Rt. | Valley Gutter | 137.63 | |
| 39+92.52 | 9th St. | 11' Rt. | Valley Gutter | 158.36 | |
| 13+92.00 | 16+12.00 | 9th St. | — | Parking | 152.60 |
| 30+61.13 | 32+59.13 | 9th St. | — | Parking | 138.05 |
| 33+83.34 | 34+93.34 | 9th St. | — | Parking | 79.29 |
| | | | | TOTAL | 2,367.29 |

| CRUSHED ROCK BASE 8", REINFORCED | | | | | |
|----------------------------------|----------|---------|------|-----------------|-----------|
| STA. TO STA. | ROADWAY | OFFSET | TYPE | AREA (Sq. Yds.) | |
| 3+11.08 | 17+96.58 | 9th St. | — | AC Pavement | 7,084.07 |
| 22+03.53 | 44+81.96 | 9th St. | — | AC Pavement | 9,313.99 |
| | | | | TOTAL | 16,398.06 |

| CONCRETE CURB, MONO EDGE | | | | | |
|--------------------------|---------|------|---------------|--------------|----------|
| STATION | ROADWAY | SIDE | TYPE | LENGTH (Ft.) | |
| 3+57.41 | 9th St. | Lt. | Valley Gutter | 74.54 | |
| 3+65.16 | 9th St. | Rt. | Valley Gutter | 81.94 | |
| 6+79.82 | 9th St. | Rt. | Valley Gutter | 96.26 | |
| 6+88.56 | 9th St. | Lt. | Valley Gutter | 85.57 | |
| 10+12.67 | 9th St. | Lt. | Valley Gutter | 96.26 | |
| 13+39.62 | 9th St. | Rt. | Valley Gutter | 96.26 | |
| 13+42.08 | 9th St. | Lt. | Valley Gutter | 96.26 | |
| 16+71.69 | 9th St. | Lt. | Valley Gutter | 96.26 | |
| 23+35.57 | 9th St. | Lt. | Valley Gutter | 96.26 | |
| 26+59.37 | 9th St. | Rt. | Valley Gutter | 96.26 | |
| 26+65.69 | 9th St. | Lt. | Valley Gutter | 96.26 | |
| 29+95.50 | 9th St. | Lt. | Valley Gutter | 96.26 | |
| 33+27.72 | 9th St. | Lt. | Valley Gutter | 96.26 | |
| 33+33.05 | 9th St. | Rt. | Valley Gutter | 96.26 | |
| 39+92.52 | 9th St. | Rt. | Valley Gutter | 108.25 | |
| | | | | TOTAL | 1,409.16 |

| CONCRETE DRIVEWAY PAVEMENT 8" (REINF) | | | | | | | | | | | |
|---------------------------------------|---------|------|-----------------|----------|---------|------|-----------------|----------|---------|------|-----------------|
| STATION | ROADWAY | SIDE | AREA (Sq. Yds.) | STATION | ROADWAY | SIDE | AREA (Sq. Yds.) | STATION | ROADWAY | SIDE | AREA (Sq. Yds.) |
| 8+01.62 | 9th St. | Rt. | 706.57 | 25+91.57 | 9th St. | Rt. | 419.70 | 33+77.35 | 9th St. | Rt. | 450.00 |
| 8+37.83 | 9th St. | Lt. | 462.42 | 28+43.16 | 9th St. | Rt. | 417.40 | 12+13.34 | 9th St. | Rt. | 645.56 |
| 8+80.38 | 9th St. | Lt. | 554.07 | 28+50.00 | 9th St. | Lt. | 402.57 | 16+09.59 | 9th St. | Lt. | 645.55 |
| 9+13.96 | 9th St. | Rt. | 706.53 | 28+64.90 | 9th St. | Rt. | 567.40 | 16+88.80 | 9th St. | Rt. | 420.39 |
| 9+74.55 | 9th St. | Rt. | 706.50 | 29+63.70 | 9th St. | Rt. | 462.57 | 17+12.47 | 9th St. | Lt. | 737.04 |
| 10+16.90 | 9th St. | Rt. | 462.17 | 30+08.16 | 9th St. | Rt. | 462.57 | 17+37.39 | 9th St. | Rt. | 630.59 |
| 10+86.47 | 9th St. | Lt. | 462.57 | 30+50.55 | 9th St. | Rt. | 462.57 | 17+69.67 | 9th St. | Lt. | 499.44 |
| 11+33.96 | 9th St. | Rt. | 462.57 | 31+64.30 | 9th St. | Rt. | 462.57 | 18+20.72 | 9th St. | Lt. | 539.82 |
| 11+44.50 | 9th St. | Lt. | 462.57 | 32+47.64 | 9th St. | Rt. | 462.57 | 18+84.25 | 9th St. | Lt. | 534.46 |
| 11+95.43 | 9th St. | Rt. | 706.57 | 33+77.35 | 9th St. | Rt. | 450.00 | 20+75.23 | 9th St. | Rt. | 534.57 |
| 12+13.34 | 9th St. | Lt. | 859.07 | 34+36.55 | 9th St. | Rt. | 645.56 | 20+98.71 | 9th St. | Lt. | 753.59 |
| 16+09.59 | 9th St. | Lt. | 523.57 | 34+99.55 | 9th St. | Rt. | 645.55 | 21+39.11 | 9th St. | Lt. | 607.24 |
| 16+88.80 | 9th St. | Rt. | 1,009.44 | 35+56.73 | 9th St. | Rt. | 420.39 | 21+42.33 | 9th St. | Rt. | 825.78 |
| 17+12.47 | 9th St. | Lt. | 527.10 | 35+45.27 | 9th St. | Lt. | 737.04 | 22+39.54 | 9th St. | Rt. | 825.43 |
| 17+37.39 | 9th St. | Rt. | 1,009.44 | 35+76.05 | 9th St. | Rt. | 630.59 | 23+38.78 | 9th St. | Rt. | 784.54 |
| 17+69.67 | 9th St. | Lt. | 462.57 | 36+23.63 | 9th St. | Rt. | 499.44 | 23+72.80 | 9th St. | Lt. | 470.06 |
| 18+20.72 | 9th St. | Lt. | 462.57 | 36+73.96 | 9th St. | Rt. | 539.82 | 23+84.57 | 9th St. | Rt. | 499.12 |
| 18+84.25 | 9th St. | Lt. | 1,011.57 | 37+23.06 | 9th St. | Rt. | 534.46 | 24+22.67 | 9th St. | Lt. | 419.12 |
| 20+75.23 | 9th St. | Rt. | 706.51 | 37+74.90 | 9th St. | Rt. | 534.57 | 24+35.62 | 9th St. | Rt. | 393.96 |
| 20+98.71 | 9th St. | Lt. | 726.29 | 38+28.52 | 9th St. | Rt. | 753.59 | 24+88.82 | 9th St. | Rt. | 276.74 |
| 21+39.11 | 9th St. | Lt. | 484.19 | 41+55.05 | 9th St. | Rt. | 607.24 | 25+50.20 | 9th St. | Lt. | 447.65 |
| 21+42.33 | 9th St. | Rt. | 584.54 | 42+52.16 | 9th St. | | | | | | |