



TABULATION OF BIDS

CITY OF WARREN
MARMON AVENUE PAVEMENT RECONSTRUCTION
AND 8" WATER MAIN REPLACEMENT
AEW PROJECT NO. 0140-0111

DATE: 6/7/2023
TIME: 1:00 PM

Prepared by Anderson, Eckstein and Westrick, Inc.
51301 Schoenherr Road
Shelby Township, MI 48315

VENDOR RANKING

| RANK | VENDOR NAME | TOTAL BID |
|------|-------------------------------------|-----------------|
| 1 | Zuniga Cement Construction, Inc. | \$ 3,692,074.75 |
| 2 | Mark Anthony Contracting, Inc. | \$ 3,797,108.08 |
| 3 | Superior Excavating, Inc. | \$ 3,886,754.95 |
| 4 | Angelo lafrate Construction Company | \$ 3,886,951.70 |
| 5 | Pamar Enterprises, Inc. | \$ 4,081,243.07 |



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CITY OF WARREN

MARMON AVENUE PAVEMENT RECONSTRUCTION

AND 8" WATER MAIN REPLACEMENT

AEW PROJECT NO. 0140-0111

Zuniga Cement Construction, Inc.

22500 Ryan Road

Warren, MI 48091

Mark Anthony Contracting, Inc.

4844 Old Plank Road

Milford, MI 48381

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|-------------------------------------|---|--------------------|-------|------------|------------|------------|------------|
| GENERAL ITEMS | | | | | | | |
| 1. | _Audio Visual Record of Construction Area | 1 | LS | 1,500.00 | 1,500.00 | 1,101.21 | 1,101.21 |
| 2. | _Reimbursed Permit Fees | 2,500 | Dir | 1.00 | 2,500.00 | 1.00 | 2,500.00 |
| 3. | Mobilization, Max. \$250,000 | 1 | LS | 175,000.00 | 175,000.00 | 159,043.84 | 159,043.84 |
| 4. | _Rubbish Pickup | 1 | LS | 3,000.00 | 3,000.00 | 5,072.69 | 5,072.69 |
| WATER MAIN REPLACEMENT ITEMS | | | | | | | |
| 5. | Exploratory Investigation, Vertical | 50 | Ft | 150.00 | 7,500.00 | 142.71 | 7,135.50 |
| 6. | Maintenance Gravel | 450 | Ton | 25.00 | 11,250.00 | 29.82 | 13,419.00 |
| 7. | Trench Undercut and Backfill | 100 | Cyd | 40.00 | 4,000.00 | 41.75 | 4,175.00 |
| 8. | _Temp Storm Connection, Detail A | 1 | LS | 1,200.00 | 1,200.00 | 234.30 | 234.30 |
| 9. | _Temp Storm Connection, Detail B | 1 | LS | 1,200.00 | 1,200.00 | 2,928.75 | 2,928.75 |
| 10. | _HDPE Structure Adjustment Ring | 40 | Ea | 60.00 | 2,400.00 | 134.19 | 5,367.60 |
| 11. | _External Structure Wrap, 18 inch | 20 | Ea | 350.00 | 7,000.00 | 593.21 | 11,864.20 |
| 12. | _Temp HMA Surface, 2 inch | 250 | Ton | 200.00 | 50,000.00 | 351.45 | 87,862.50 |
| 13. | Gate Valve, 8 inch | 20 | Ea | 3,000.00 | 60,000.00 | 3,301.50 | 66,030.00 |
| 14. | Hydrant, Rem | 2 | Ea | 600.00 | 1,200.00 | 521.85 | 1,043.70 |
| 15. | Water Main, DI, 6 inch, Tr Det G | 182 | Ft | 170.00 | 30,940.00 | 110.76 | 20,158.32 |
| 16. | Water Main, DI, 8 inch, Tr Det G | 3,370 | Ft | 160.00 | 539,200.00 | 138.45 | 466,576.50 |
| 17. | Water Main, DI, 12 inch, Tr Det G | 18 | Ft | 360.00 | 6,480.00 | 179.99 | 3,239.82 |
| 18. | Water Serv | 16 | Ea | 2,100.00 | 33,600.00 | 2,130.00 | 34,080.00 |
| 19. | Water Serv, Long | 3 | Ea | 2,800.00 | 8,400.00 | 3,987.36 | 11,962.08 |
| 20. | Gate Well, 60 inch dia | 20 | Ea | 3,000.00 | 60,000.00 | 2,399.45 | 47,989.00 |
| 21. | _Water Main, 12 inch or Less, Rem | 905 | Ft | 40.00 | 36,200.00 | 39.41 | 35,666.05 |
| 22. | _Water Main, Insulation | 450 | Sft | 10.00 | 4,500.00 | 6.39 | 2,875.50 |



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AEW PROJECT NO. 0140-0111

Zuniga Cement Construction, Inc.

22500 Ryan Road

Warren, MI 48091

Mark Anthony Contracting, Inc.

4844 Old Plank Road

Milford, MI 48381

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|--------------------------------------|---------------------------------------|--------------------|-------|------------|------------|------------|------------|
| 23. | _Mismarked Water Services | 20 | Hr | 300.00 | 6,000.00 | 372.75 | 7,455.00 |
| 24. | _Gate Valve and Well, Rem | 20 | Ea | 500.00 | 10,000.00 | 585.75 | 11,715.00 |
| 25. | _Gate Well Cover, Warren | 20 | Ea | 400.00 | 8,000.00 | 545.28 | 10,905.60 |
| 26. | _Water Main Connection, 6 inch | 4 | Ea | 5,500.00 | 22,000.00 | 6,081.15 | 24,324.60 |
| 27. | _Water Main Connection, 12 inch | 3 | Ea | 12,500.00 | 37,500.00 | 6,581.70 | 19,745.10 |
| 28. | _Water Main Connection, 8 inch | 7 | Ea | 6,000.00 | 42,000.00 | 6,177.00 | 43,239.00 |
| 29. | _Gate Valve and Box, Rem | 1 | Ea | 500.00 | 500.00 | 439.85 | 439.85 |
| 30. | _Fire Hydrant Assembly | 8 | Ea | 6,300.00 | 50,400.00 | 7,257.98 | 58,063.84 |
| 31. | _Water Main, Crossing, Bridge | 3 | Ea | 1,000.00 | 3,000.00 | 1,863.75 | 5,591.25 |
| 32. | _Water Main, Abandon | 1 | LS | 18,000.00 | 18,000.00 | 12,247.50 | 12,247.50 |
| 33. | _Sanitary Lead Repr, 6 inch, Tr Det B | 100 | FT | 180.00 | 18,000.00 | 87.44 | 8,744.00 |
| PAVEMENT RECONSTRUCTION ITEMS | | | | | | | |
| 34. | Tree, Rem, 19 inch to 36 inch | 1 | Ea | 2,600.00 | 2,600.00 | 3,514.50 | 3,514.50 |
| 35. | Tree, Rem, 37 inch or Larger | 1 | Ea | 3,000.00 | 3,000.00 | 4,686.00 | 4,686.00 |
| 36. | Tree, Rem, 6 inch to 18 inch | 2 | Ea | 950.00 | 1,900.00 | 527.18 | 1,054.36 |
| 37. | Dr Structure, Rem | 52 | Ea | 400.00 | 20,800.00 | 281.65 | 14,645.80 |
| 38. | Sewer, Rem, Less than 24 inch | 1,824 | Ft | 40.00 | 72,960.00 | 16.55 | 30,187.20 |
| 39. | Pavt, Rem | 13,987 | Syd | 9.00 | 125,883.00 | 12.83 | 179,453.21 |
| 40. | Sidewalk, Rem | 1,054 | Syd | 6.00 | 6,324.00 | 10.61 | 11,182.94 |
| 41. | Exploratory Investigation, Vertical | 90 | Ft | 120.00 | 10,800.00 | 211.36 | 19,022.40 |
| 42. | Subgrade Undercutting, Type IV | 250 | Cyd | 40.00 | 10,000.00 | 73.31 | 18,327.50 |
| 43. | _Station Grading | 27 | Sta | 4,500.00 | 121,500.00 | 6,356.41 | 171,623.07 |
| 44. | _Erosion Control, Inlet Filter | 38 | Ea | 80.00 | 3,040.00 | 77.94 | 2,961.72 |
| 45. | Project Cleanup | 1 | LS | 3,000.00 | 3,000.00 | 13,741.79 | 13,741.79 |



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Zuniga Cement Construction, Inc.

22500 Ryan Road

Warren, MI 48091

Mark Anthony Contracting, Inc.

4844 Old Plank Road

Milford, MI 48381

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|----------|--------------------------------------|--------------------|-------|------------|------------|------------|------------|
| 46. | _Aggregate Base, 8 inch, Modified | 13,694 | Syd | 11.50 | 157,481.00 | 13.82 | 189,251.08 |
| 47. | _Aggregate Base, 6 inch, Modified | 483 | Syd | 9.00 | 4,347.00 | 13.78 | 6,655.74 |
| 48. | _Aggregate Base, 10 inch, Modified | 491 | Syd | 13.00 | 6,383.00 | 21.27 | 10,443.57 |
| 49. | Maintenance Gravel | 450 | Ton | 40.00 | 18,000.00 | 33.75 | 15,187.50 |
| 50. | Geotextile, Stabilization | 13,694 | Syd | 3.85 | 52,721.90 | 1.62 | 22,184.28 |
| 51. | Sewer, CI IV, 12 inch, Tr Det B | 1,820 | Ft | 110.00 | 200,200.00 | 86.83 | 158,030.60 |
| 52. | Trench Undercut and Backfill | 100 | Cyd | 40.00 | 4,000.00 | 61.11 | 6,111.00 |
| 53. | _Sewer Repr, 12 inch, Tr Det B | 50 | Ft | 275.00 | 13,750.00 | 201.62 | 10,081.00 |
| 54. | _Sewer Repr, 15 inch, Tr Det B | 50 | Ft | 275.00 | 13,750.00 | 213.21 | 10,660.50 |
| 55. | _Sewer, PVC Sch 40, 6 inch, Tr Det B | 100 | Ft | 75.00 | 7,500.00 | 31.07 | 3,107.00 |
| 56. | _Sewer Bulkhead, 12 inch | 1 | Ea | 200.00 | 200.00 | 608.99 | 608.99 |
| 57. | Dr Structure Cover, Adj, Case 1 | 14 | Ea | 550.00 | 7,700.00 | 304.49 | 4,262.86 |
| 58. | Dr Structure Cover, Adj, Case 2 | 6 | Ea | 550.00 | 3,300.00 | 366.58 | 2,199.48 |
| 59. | Dr Structure, 24 inch dia | 5 | Ea | 2,400.00 | 12,000.00 | 2,597.66 | 12,988.30 |
| 60. | Dr Structure, 48 inch dia | 31 | Ea | 3,200.00 | 99,200.00 | 4,054.47 | 125,688.57 |
| 61. | Dr Structure, Adj, Add Depth | 45 | Ft | 200.00 | 9,000.00 | 273.45 | 12,305.25 |
| 62. | Dr Structure, Tap, 6 inch | 3 | Ea | 300.00 | 900.00 | 211.36 | 634.08 |
| 63. | Dr Structure, Tap, 12 inch | 1 | Ea | 475.00 | 475.00 | 422.72 | 422.72 |
| 64. | _Catch Basin Cover, Warren | 34 | Ea | 400.00 | 13,600.00 | 554.73 | 18,860.82 |
| 65. | _Storm Manhole Cover, Warren | 19 | Ea | 400.00 | 7,600.00 | 617.85 | 11,739.15 |
| 66. | _Sanitary Manhole Cover, Warren | 18 | Ea | 400.00 | 7,200.00 | 617.85 | 11,121.30 |
| 67. | _Dr Structure, 36 inch dia | 16 | Ea | 2,500.00 | 40,000.00 | 3,106.10 | 49,697.60 |
| 68. | _HDPE Structure Adjustment Ring | 154 | Ea | 50.00 | 7,700.00 | 180.06 | 27,729.24 |
| 69. | _External Structure Wrap, 18 inch | 77 | Ea | 350.00 | 26,950.00 | 809.05 | 62,296.85 |



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Zuniga Cement Construction, Inc.

22500 Ryan Road

Warren, MI 48091

Mark Anthony Contracting, Inc.

4844 Old Plank Road

Milford, MI 48381

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|----------|--|--------------------|-------|------------|------------|------------|------------|
| 70. | Underdrain, Subgrade, Open-Graded, 6 inch | 5,073 | Ft | 15.00 | 76,095.00 | 14.39 | 73,000.47 |
| 71. | _Temp HMA Surface, 2 inch | 100 | Ton | 250.00 | 25,000.00 | 322.16 | 32,216.00 |
| 72. | Conc Pavt, Misc, Nonreinf, 9 inch | 466 | Syd | 68.00 | 31,688.00 | 80.02 | 37,289.32 |
| 73. | Conc Pavt with Integral Curb, Nonreinf, 8 inch | 13,030 | Syd | 67.00 | 873,010.00 | 68.20 | 888,646.00 |
| 74. | Joint, Expansion, E3 | 394 | Ft | 18.00 | 7,092.00 | 8.00 | 3,152.00 |
| 75. | Lane Tie, Epoxy Anchored | 246 | Ea | 12.00 | 2,952.00 | 10.29 | 2,531.34 |
| 76. | Non-Chloride Accelerator | 150 | Gal | 30.00 | 4,500.00 | 0.01 | 1.50 |
| 77. | Conc, Low Temperature Protection | 1,250 | Cyd | 30.00 | 37,500.00 | 8.31 | 10,387.50 |
| 78. | Driveway, Nonreinf Conc, 6 inch | 304 | Syd | 66.00 | 20,064.00 | 68.76 | 20,903.04 |
| 79. | Driveway, Nonreinf Conc, 8 inch | 147 | Syd | 70.00 | 10,290.00 | 75.08 | 11,036.76 |
| 80. | _Driveway, Nonreinf Conc, 4 inch | 28 | Syd | 90.00 | 2,520.00 | 77.98 | 2,183.44 |
| 81. | Detectable Warning Surface | 187 | Ft | 50.00 | 9,350.00 | 44.73 | 8,364.51 |
| 82. | Curb Ramp Opening, Conc | 269 | Ft | 15.00 | 4,035.00 | 25.56 | 6,875.64 |
| 83. | Sidewalk, Conc, 4 inch | 4,015 | Sft | 8.50 | 34,127.50 | 7.46 | 29,951.90 |
| 84. | Sidewalk, Conc, 6 inch | 205 | Sft | 9.75 | 1,998.75 | 11.50 | 2,357.50 |
| 85. | Curb Ramp, Conc, 4 inch | 3,935 | Sft | 8.00 | 31,480.00 | 6.75 | 26,561.25 |
| 86. | Curb Ramp, Conc, 6 inch | 205 | Sft | 10.00 | 2,050.00 | 11.50 | 2,357.50 |
| 87. | _Curb Ramp, Conc, 8 inch | 1,451 | Sft | 12.00 | 17,412.00 | 12.98 | 18,833.98 |
| 88. | Fence, Moving | 54 | Ft | 120.00 | 6,480.00 | 58.58 | 3,163.32 |
| 89. | Post, Steel, 3 pound | 480 | Ft | 12.00 | 5,760.00 | 14.06 | 6,748.80 |
| 90. | Sign, Type III, Erect, Salv | 47 | Ea | 100.00 | 4,700.00 | 117.15 | 5,506.05 |
| 91. | Sign, Type III, Rem | 108 | Ea | 10.00 | 1,080.00 | 11.72 | 1,265.76 |
| 92. | Sign, Type IIIA | 258 | Sft | 25.00 | 6,450.00 | 29.29 | 7,556.82 |
| 93. | Sign, Type IIIB | 69 | Sft | 25.00 | 1,725.00 | 29.29 | 2,021.01 |



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22500 Ryan Road

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Mark Anthony Contracting, Inc.

4844 Old Plank Road

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| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|--------------------------------|--|--------------------|-------|------------|---------------------|------------|---------------------|
| 94. | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 1,609 | Ft | 4.00 | 6,436.00 | 4.69 | 7,546.21 |
| 95. | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk | 225 | Ft | 8.00 | 1,800.00 | 9.37 | 2,108.25 |
| 96. | Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar | 322 | Ft | 12.00 | 3,864.00 | 14.06 | 4,527.32 |
| 97. | Pavt Mrkg, Sprayable Thermopl, 4 inch, White | 45 | Ft | 1.50 | 67.50 | 1.76 | 79.20 |
| 98. | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow | 1,820 | Ft | 1.50 | 2,730.00 | 1.76 | 3,203.20 |
| 99. | Rem Curing Compound, for Longit Mrkg, 4 inch | 150 | Ft | 0.95 | 142.50 | 1.12 | 168.00 |
| 100. | Rem Curing Compound, for Spec Mrkg | 1,288 | Sft | 2.95 | 3,799.60 | 3.46 | 4,456.48 |
| 101. | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 1,500 | Ft | 0.95 | 1,425.00 | 1.12 | 1,680.00 |
| 102. | Sign, Type B, Temp, Prismatic, Furn | 100 | Sft | 8.00 | 800.00 | 9.37 | 937.00 |
| 103. | Sign, Type B, Temp, Prismatic, Oper | 100 | Sft | 0.01 | 1.00 | 0.01 | 1.00 |
| 104. | _Traffic Control and Maintenance | 1 | LS | 17,000.00 | 17,000.00 | 65,199.64 | 65,199.64 |
| 105. | Sodding | 200 | Syd | 25.00 | 5,000.00 | 12.01 | 2,402.00 |
| 106. | Topsoil Surface, Furn, 3 inch | 3,035 | Syd | 7.00 | 21,245.00 | 8.85 | 26,859.75 |
| 107. | Water, Sodding/Seeding | 275 | Unit | 65.00 | 17,875.00 | 58.58 | 16,109.50 |
| 108. | _Surface Restoration, Hydroseeding | 3,035 | Syd | 7.00 | 21,245.00 | 4.75 | 14,416.25 |
| 109. | TS Head, Temp | 1 | Ea | 2,000.00 | 2,000.00 | 87.86 | 87.86 |
| 110. | TS Face, Bag | 7 | Ea | 600.00 | 4,200.00 | 87.86 | 615.02 |
| 111. | TS Face, Bag, Rem | 7 | Ea | 300.00 | 2,100.00 | 87.86 | 615.02 |
| 112. | _Irrigation Pipe | 350 | Ft | 3.00 | 1,050.00 | 9.37 | 3,279.50 |
| 113. | _Sprinkler Head | 25 | Ea | 40.00 | 1,000.00 | 103.09 | 2,577.25 |
| 114. | _Monitoring Well Cover, Adj, Case 1 | 1 | Ea | 700.00 | 700.00 | 397.63 | 397.63 |
| 115. | _Gate Well Cover, Adj, Case 1 | 4 | Ea | 500.00 | 2,000.00 | 366.58 | 1,466.32 |
| TOTAL CONSTRUCTION COST | | | | \$ | 3,692,074.75 | \$ | 3,797,108.08 |



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Zuniga Cement Construction, Inc.

22500 Ryan Road

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Mark Anthony Contracting, Inc.

4844 Old Plank Road

Milford, MI 48381

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount |
|----------------------------|-----------------------------------|--------------------|-------|------------|------------|------------|------------|
| ALTERNATE BID ITEMS | | | | | | | |
| A1 | _Aggregate Base, 8 inch, Special | 13,694 | Syd | 10.00 | 136,940.00 | 13.00 | 178,022.00 |
| A2 | _Aggregate Base, 6 inch, Special | 483 | Syd | 8.00 | 3,864.00 | 13.00 | 6,279.00 |
| A3 | _Aggregate Base, 10 inch, Special | 491 | Syd | 11.50 | 5,646.50 | 20.00 | 9,820.00 |



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AND 8" WATER MAIN REPLACEMENT
AEW PROJECT NO. 0140-0111

Superior Excavating, Inc.
2420 Auburn Road
Auburn Hills, MI 48326

Angelo Iafrate Construction Company
26300 Sherwood
Warren, MI 48091

Pamar Enterprises, Inc.
31604 Pamar Court
New Haven, MI 48048

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
|-------------------------------------|---|--------------------|-------|------------|------------|------------|------------|------------|------------|
| GENERAL ITEMS | | | | | | | | | |
| 1. | _Audio Visual Record of Construction Area | 1 | LS | 2,500.00 | 2,500.00 | 1,000.00 | 1,000.00 | 1,500.00 | 1,500.00 |
| 2. | _Reimbursed Permit Fees | 2,500 | Dir | 1.00 | 2,500.00 | 1.00 | 2,500.00 | 1.00 | 2,500.00 |
| 3. | Mobilization, Max. \$250,000 | 1 | LS | 173,100.00 | 173,100.00 | 250,000.00 | 250,000.00 | 250,000.00 | 250,000.00 |
| 4. | _Rubbish Pickup | 1 | LS | 5,000.00 | 5,000.00 | 20,600.00 | 20,600.00 | 500.00 | 500.00 |
| WATER MAIN REPLACEMENT ITEMS | | | | | | | | | |
| 5. | Exploratory Investigation, Vertical | 50 | Ft | 164.00 | 8,200.00 | 77.20 | 3,860.00 | 50.00 | 2,500.00 |
| 6. | Maintenance Gravel | 450 | Ton | 30.00 | 13,500.00 | 30.40 | 13,680.00 | 15.00 | 6,750.00 |
| 7. | Trench Undercut and Backfill | 100 | Cyd | 86.00 | 8,600.00 | 66.60 | 6,660.00 | 0.01 | 1.00 |
| 8. | _Temp Storm Connection, Detail A | 1 | LS | 4,800.00 | 4,800.00 | 3,523.00 | 3,523.00 | 0.01 | 0.01 |
| 9. | _Temp Storm Connection, Detail B | 1 | LS | 480.00 | 480.00 | 3,523.00 | 3,523.00 | 0.01 | 0.01 |
| 10. | _HDPE Structure Adjustment Ring | 40 | Ea | 118.00 | 4,720.00 | 169.00 | 6,760.00 | 20.00 | 800.00 |
| 11. | _External Structure Wrap, 18 inch | 20 | Ea | 700.00 | 14,000.00 | 595.00 | 11,900.00 | 450.00 | 9,000.00 |
| 12. | _Temp HMA Surface, 2 inch | 250 | Ton | 220.00 | 55,000.00 | 200.00 | 50,000.00 | 55.00 | 13,750.00 |
| 13. | Gate Valve, 8 inch | 20 | Ea | 3,950.00 | 79,000.00 | 2,146.00 | 42,920.00 | 2,000.00 | 40,000.00 |
| 14. | Hydrant, Rem | 2 | Ea | 600.00 | 1,200.00 | 947.00 | 1,894.00 | 350.00 | 700.00 |
| 15. | Water Main, DI, 6 inch, Tr Det G | 182 | Ft | 186.00 | 33,852.00 | 137.00 | 24,934.00 | 195.00 | 35,490.00 |
| 16. | Water Main, DI, 8 inch, Tr Det G | 3,370 | Ft | 152.25 | 513,082.50 | 163.00 | 549,310.00 | 226.00 | 761,620.00 |
| 17. | Water Main, DI, 12 inch, Tr Det G | 18 | Ft | 222.00 | 3,996.00 | 308.00 | 5,544.00 | 365.00 | 6,570.00 |
| 18. | Water Serv | 16 | Ea | 1,400.00 | 22,400.00 | 2,647.00 | 42,352.00 | 1,400.00 | 22,400.00 |
| 19. | Water Serv, Long | 3 | Ea | 3,400.00 | 10,200.00 | 3,295.00 | 9,885.00 | 2,700.00 | 8,100.00 |
| 20. | Gate Well, 60 inch dia | 20 | Ea | 4,850.00 | 97,000.00 | 2,596.00 | 51,920.00 | 2,500.00 | 50,000.00 |
| 21. | _Water Main, 12 inch or Less, Rem | 905 | Ft | 40.00 | 36,200.00 | 42.90 | 38,824.50 | 24.00 | 21,720.00 |
| 22. | _Water Main, Insulation | 450 | Sft | 6.00 | 2,700.00 | 19.30 | 8,685.00 | 2.00 | 900.00 |



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Superior Excavating, Inc.
2420 Auburn Road
Auburn Hills, MI 48326

Angelo Iafrate Construction Company
26300 Sherwood
Warren, MI 48091

Pamar Enterprises, Inc.
31604 Pamar Court
New Haven, MI 48048

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
|--------------------------------------|---------------------------------------|--------------------|-------|------------|------------|------------|------------|------------|------------|
| 23. | _Mismarked Water Services | 20 | Hr | 200.00 | 4,000.00 | 715.00 | 14,300.00 | 0.01 | 0.20 |
| 24. | _Gate Valve and Well, Rem | 20 | Ea | 800.00 | 16,000.00 | 839.00 | 16,780.00 | 350.00 | 7,000.00 |
| 25. | _Gate Well Cover, Warren | 20 | Ea | 600.00 | 12,000.00 | 641.00 | 12,820.00 | 500.00 | 10,000.00 |
| 26. | _Water Main Connection, 6 inch | 4 | Ea | 7,300.00 | 29,200.00 | 3,527.00 | 14,108.00 | 1,000.00 | 4,000.00 |
| 27. | _Water Main Connection, 12 inch | 3 | Ea | 9,400.00 | 28,200.00 | 5,048.00 | 15,144.00 | 2,250.00 | 6,750.00 |
| 28. | _Water Main Connection, 8 inch | 7 | Ea | 8,700.00 | 60,900.00 | 4,062.00 | 28,434.00 | 1,550.00 | 10,850.00 |
| 29. | _Gate Valve and Box, Rem | 1 | Ea | 500.00 | 500.00 | 966.00 | 966.00 | 200.00 | 200.00 |
| 30. | _Fire Hydrant Assembly | 8 | Ea | 9,920.00 | 79,360.00 | 5,218.00 | 41,744.00 | 8,500.00 | 68,000.00 |
| 31. | _Water Main, Crossing, Bridge | 3 | Ea | 6,000.00 | 18,000.00 | 7,079.00 | 21,237.00 | 100.00 | 300.00 |
| 32. | _Water Main, Abandon | 1 | LS | 25,000.00 | 25,000.00 | 17,450.00 | 17,450.00 | 4,500.00 | 4,500.00 |
| 33. | _Sanitary Lead Repr, 6 inch, Tr Det B | 100 | FT | 44.00 | 4,400.00 | 161.00 | 16,100.00 | 90.00 | 9,000.00 |
| PAVEMENT RECONSTRUCTION ITEMS | | | | | | | | | |
| 34. | Tree, Rem, 19 inch to 36 inch | 1 | Ea | 6,500.00 | 6,500.00 | 3,000.00 | 3,000.00 | 3,000.00 | 3,000.00 |
| 35. | Tree, Rem, 37 inch or Larger | 1 | Ea | 10,000.00 | 10,000.00 | 4,000.00 | 4,000.00 | 4,000.00 | 4,000.00 |
| 36. | Tree, Rem, 6 inch to 18 inch | 2 | Ea | 1,800.00 | 3,600.00 | 450.00 | 900.00 | 450.00 | 900.00 |
| 37. | Dr Structure, Rem | 52 | Ea | 300.00 | 15,600.00 | 418.00 | 21,736.00 | 350.00 | 18,200.00 |
| 38. | Sewer, Rem, Less than 24 inch | 1,824 | Ft | 27.00 | 49,248.00 | 37.70 | 68,764.80 | 16.00 | 29,184.00 |
| 39. | Pavt, Rem | 13,987 | Syd | 9.65 | 134,974.55 | 9.80 | 137,072.60 | 6.00 | 83,922.00 |
| 40. | Sidewalk, Rem | 1,054 | Syd | 17.00 | 17,918.00 | 7.20 | 7,588.80 | 5.00 | 5,270.00 |
| 41. | Exploratory Investigation, Vertical | 90 | Ft | 165.00 | 14,850.00 | 75.10 | 6,759.00 | 50.00 | 4,500.00 |
| 42. | Subgrade Undercutting, Type IV | 250 | Cyd | 73.00 | 18,250.00 | 74.60 | 18,650.00 | 55.00 | 13,750.00 |
| 43. | _Station Grading | 27 | Sta | 4,300.00 | 116,100.00 | 7,420.00 | 200,340.00 | 8,900.00 | 240,300.00 |
| 44. | _Erosion Control, Inlet Filter | 38 | Ea | 100.00 | 3,800.00 | 110.00 | 4,180.00 | 75.00 | 2,850.00 |
| 45. | Project Cleanup | 1 | LS | 7,000.00 | 7,000.00 | 6,693.00 | 6,693.00 | 1,500.00 | 1,500.00 |



TABULATION OF BIDS

CITY OF WARREN

MARMON AVENUE PAVEMENT RECONSTRUCTION

AND 8" WATER MAIN REPLACEMENT

AEW PROJECT NO. 0140-0111

Superior Excavating, Inc.
2420 Auburn Road
Auburn Hills, MI 48326

Angelo Iafrate Construction Company
26300 Sherwood
Warren, MI 48091

Pamar Enterprises, Inc.
31604 Pamar Court
New Haven, MI 48048

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
|----------|--------------------------------------|--------------------|-------|------------|------------|------------|------------|------------|------------|
| 46. | _Aggregate Base, 8 inch, Modified | 13,694 | Syd | 15.00 | 205,410.00 | 14.30 | 195,824.20 | 23.00 | 314,962.00 |
| 47. | _Aggregate Base, 6 inch, Modified | 483 | Syd | 13.00 | 6,279.00 | 15.30 | 7,389.90 | 17.00 | 8,211.00 |
| 48. | _Aggregate Base, 10 inch, Modified | 491 | Syd | 22.00 | 10,802.00 | 19.90 | 9,770.90 | 26.00 | 12,766.00 |
| 49. | Maintenance Gravel | 450 | Ton | 30.00 | 13,500.00 | 28.00 | 12,600.00 | 15.00 | 6,750.00 |
| 50. | Geotextile, Stabilization | 13,694 | Syd | 0.85 | 11,639.90 | 1.75 | 23,964.50 | 2.00 | 27,388.00 |
| 51. | Sewer, CI IV, 12 inch, Tr Det B | 1,820 | Ft | 68.00 | 123,760.00 | 91.20 | 165,984.00 | 100.00 | 182,000.00 |
| 52. | Trench Undercut and Backfill | 100 | Cyd | 85.00 | 8,500.00 | 74.50 | 7,450.00 | 0.01 | 1.00 |
| 53. | _Sewer Repr, 12 inch, Tr Det B | 50 | Ft | 87.00 | 4,350.00 | 233.00 | 11,650.00 | 500.00 | 25,000.00 |
| 54. | _Sewer Repr, 15 inch, Tr Det B | 50 | Ft | 120.00 | 6,000.00 | 267.00 | 13,350.00 | 550.00 | 27,500.00 |
| 55. | _Sewer, PVC Sch 40, 6 inch, Tr Det B | 100 | Ft | 40.00 | 4,000.00 | 197.00 | 19,700.00 | 90.00 | 9,000.00 |
| 56. | _Sewer Bulkhead, 12 inch | 1 | Ea | 600.00 | 600.00 | 320.00 | 320.00 | 250.00 | 250.00 |
| 57. | Dr Structure Cover, Adj, Case 1 | 14 | Ea | 500.00 | 7,000.00 | 481.00 | 6,734.00 | 675.00 | 9,450.00 |
| 58. | Dr Structure Cover, Adj, Case 2 | 6 | Ea | 600.00 | 3,600.00 | 383.00 | 2,298.00 | 575.00 | 3,450.00 |
| 59. | Dr Structure, 24 inch dia | 5 | Ea | 1,600.00 | 8,000.00 | 1,533.00 | 7,665.00 | 3,500.00 | 17,500.00 |
| 60. | Dr Structure, 48 inch dia | 31 | Ea | 3,230.00 | 100,130.00 | 2,279.00 | 70,649.00 | 4,500.00 | 139,500.00 |
| 61. | Dr Structure, Adj, Add Depth | 45 | Ft | 124.00 | 5,580.00 | 186.00 | 8,370.00 | 300.00 | 13,500.00 |
| 62. | Dr Structure, Tap, 6 inch | 3 | Ea | 1,300.00 | 3,900.00 | 196.00 | 588.00 | 800.00 | 2,400.00 |
| 63. | Dr Structure, Tap, 12 inch | 1 | Ea | 2,130.00 | 2,130.00 | 571.00 | 571.00 | 2,500.00 | 2,500.00 |
| 64. | _Catch Basin Cover, Warren | 34 | Ea | 600.00 | 20,400.00 | 586.00 | 19,924.00 | 500.00 | 17,000.00 |
| 65. | _Storm Manhole Cover, Warren | 19 | Ea | 600.00 | 11,400.00 | 646.00 | 12,274.00 | 500.00 | 9,500.00 |
| 66. | _Sanitary Manhole Cover, Warren | 18 | Ea | 760.00 | 13,680.00 | 734.00 | 13,212.00 | 650.00 | 11,700.00 |
| 67. | _Dr Structure, 36 inch dia | 16 | Ea | 2,400.00 | 38,400.00 | 1,929.00 | 30,864.00 | 4,000.00 | 64,000.00 |
| 68. | _HDPE Structure Adjustment Ring | 154 | Ea | 118.00 | 18,172.00 | 150.00 | 23,100.00 | 20.00 | 3,080.00 |
| 69. | _External Structure Wrap, 18 inch | 77 | Ea | 700.00 | 53,900.00 | 759.00 | 58,443.00 | 450.00 | 34,650.00 |



TABULATION OF BIDS

CITY OF WARREN

MARMON AVENUE PAVEMENT RECONSTRUCTION

AND 8" WATER MAIN REPLACEMENT

AEW PROJECT NO. 0140-0111

Superior Excavating, Inc.
2420 Auburn Road
Auburn Hills, MI 48326

Angelo Iafrate Construction Company
26300 Sherwood
Warren, MI 48091

Pamar Enterprises, Inc.
31604 Pamar Court
New Haven, MI 48048

| Item No. | Description | Estimated Quantity | Units | Superior Excavating, Inc. | | Angelo Iafrate Construction Company | | Pamar Enterprises, Inc. | |
|----------|--|--------------------|-------|---------------------------|------------|-------------------------------------|------------|-------------------------|------------|
| | | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| 70. | Underdrain, Subgrade, Open-Graded, 6 inch | 5,073 | Ft | 20.00 | 101,460.00 | 17.50 | 88,777.50 | 14.00 | 71,022.00 |
| 71. | _Temp HMA Surface, 2 inch | 100 | Ton | 220.00 | 22,000.00 | 200.00 | 20,000.00 | 55.00 | 5,500.00 |
| 72. | Conc Pavt, Misc, Nonreinf, 9 inch | 466 | Syd | 85.00 | 39,610.00 | 69.70 | 32,480.20 | 85.00 | 39,610.00 |
| 73. | Conc Pavt with Integral Curb, Nonreinf, 8 inch | 13,030 | Syd | 72.60 | 945,978.00 | 62.50 | 814,375.00 | 73.00 | 951,190.00 |
| 74. | Joint, Expansion, E3 | 394 | Ft | 9.00 | 3,546.00 | 9.30 | 3,664.20 | 8.00 | 3,152.00 |
| 75. | Lane Tie, Epoxy Anchored | 246 | Ea | 11.00 | 2,706.00 | 10.30 | 2,533.80 | 10.00 | 2,460.00 |
| 76. | Non-Chloride Accelerator | 150 | Gal | 0.01 | 1.50 | 5.70 | 855.00 | 0.01 | 1.50 |
| 77. | Conc, Low Temperature Protection | 1,250 | Cyd | 9.00 | 11,250.00 | 2.00 | 2,500.00 | 8.00 | 10,000.00 |
| 78. | Driveway, Nonreinf Conc, 6 inch | 304 | Syd | 73.00 | 22,192.00 | 60.00 | 18,240.00 | 66.00 | 20,064.00 |
| 79. | Driveway, Nonreinf Conc, 8 inch | 147 | Syd | 80.00 | 11,760.00 | 70.60 | 10,378.20 | 72.00 | 10,584.00 |
| 80. | _Driveway, Nonreinf Conc, 4 inch | 28 | Syd | 81.00 | 2,268.00 | 68.90 | 1,929.20 | 74.00 | 2,072.00 |
| 81. | Detectable Warning Surface | 187 | Ft | 49.00 | 9,163.00 | 50.20 | 9,387.40 | 45.00 | 8,415.00 |
| 82. | Curb Ramp Opening, Conc | 269 | Ft | 28.00 | 7,532.00 | 22.20 | 5,971.80 | 25.00 | 6,725.00 |
| 83. | Sidewalk, Conc, 4 inch | 4,015 | Sft | 8.00 | 32,120.00 | 4.50 | 18,067.50 | 7.00 | 28,105.00 |
| 84. | Sidewalk, Conc, 6 inch | 205 | Sft | 11.00 | 2,255.00 | 6.15 | 1,260.75 | 10.00 | 2,050.00 |
| 85. | Curb Ramp, Conc, 4 inch | 3,935 | Sft | 7.00 | 27,545.00 | 6.35 | 24,987.25 | 6.50 | 25,577.50 |
| 86. | Curb Ramp, Conc, 6 inch | 205 | Sft | 11.00 | 2,255.00 | 8.65 | 1,773.25 | 10.00 | 2,050.00 |
| 87. | _Curb Ramp, Conc, 8 inch | 1,451 | Sft | 14.00 | 20,314.00 | 9.10 | 13,204.10 | 13.00 | 18,863.00 |
| 88. | Fence, Moving | 54 | Ft | 55.00 | 2,970.00 | 80.00 | 4,320.00 | 65.00 | 3,510.00 |
| 89. | Post, Steel, 3 pound | 480 | Ft | 13.00 | 6,240.00 | 12.00 | 5,760.00 | 12.00 | 5,760.00 |
| 90. | Sign, Type III, Erect, Salv | 47 | Ea | 110.00 | 5,170.00 | 100.00 | 4,700.00 | 100.00 | 4,700.00 |
| 91. | Sign, Type III, Rem | 108 | Ea | 11.00 | 1,188.00 | 10.00 | 1,080.00 | 10.00 | 1,080.00 |
| 92. | Sign, Type IIIA | 258 | Sft | 28.00 | 7,224.00 | 25.00 | 6,450.00 | 25.00 | 6,450.00 |
| 93. | Sign, Type IIIB | 69 | Sft | 28.00 | 1,932.00 | 25.00 | 1,725.00 | 25.00 | 1,725.00 |



TABULATION OF BIDS

CITY OF WARREN

MARMON AVENUE PAVEMENT RECONSTRUCTION
AND 8" WATER MAIN REPLACEMENT
AEW PROJECT NO. 0140-0111

Superior Excavating, Inc.
2420 Auburn Road
Auburn Hills, MI 48326

Angelo Iafrate Construction Company
26300 Sherwood
Warren, MI 48091

Pamar Enterprises, Inc.
31604 Pamar Court
New Haven, MI 48048

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
|--------------------------------|--|--------------------|-------|------------|---------------------|------------|---------------------|------------|---------------------|
| 94. | Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk | 1,609 | Ft | 5.00 | 8,045.00 | 4.00 | 6,436.00 | 4.00 | 6,436.00 |
| 95. | Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk | 225 | Ft | 9.00 | 2,025.00 | 8.00 | 1,800.00 | 8.00 | 1,800.00 |
| 96. | Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar | 322 | Ft | 13.00 | 4,186.00 | 12.00 | 3,864.00 | 12.00 | 3,864.00 |
| 97. | Pavt Mrkg, Sprayable Thermopl, 4 inch, White | 45 | Ft | 1.70 | 76.50 | 1.50 | 67.50 | 2.50 | 112.50 |
| 98. | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow | 1,820 | Ft | 1.70 | 3,094.00 | 1.50 | 2,730.00 | 1.50 | 2,730.00 |
| 99. | Rem Curing Compound, for Longit Mrkg, 4 inch | 150 | Ft | 1.00 | 150.00 | 0.95 | 142.50 | 0.95 | 142.50 |
| 100. | Rem Curing Compound, for Spec Mrkg | 1,288 | Sft | 3.00 | 3,864.00 | 2.95 | 3,799.60 | 2.95 | 3,799.60 |
| 101. | Pavt Mrkg, Longit, 6 inch or Less Width, Rem | 1,500 | Ft | 1.00 | 1,500.00 | 0.95 | 1,425.00 | 0.95 | 1,425.00 |
| 102. | Sign, Type B, Temp, Prismatic, Furn | 100 | Sft | 9.00 | 900.00 | 8.00 | 800.00 | 8.00 | 800.00 |
| 103. | Sign, Type B, Temp, Prismatic, Oper | 100 | Sft | 0.01 | 1.00 | 1.00 | 100.00 | 0.01 | 1.00 |
| 104. | _Traffic Control and Maintenance | 1 | LS | 24,200.00 | 24,200.00 | 165,300.00 | 165,300.00 | 85,000.00 | 85,000.00 |
| 105. | Sodding | 200 | Syd | 15.00 | 3,000.00 | 10.00 | 2,000.00 | 12.00 | 2,400.00 |
| 106. | Topsoil Surface, Furn, 3 inch | 3,035 | Syd | 10.00 | 30,350.00 | 4.80 | 14,568.00 | 5.00 | 15,175.00 |
| 107. | Water, Sodding/Seeding | 275 | Unit | 110.00 | 30,250.00 | 85.00 | 23,375.00 | 0.01 | 2.75 |
| 108. | _Surface Restoration, Hydroseeding | 3,035 | Syd | 7.00 | 21,245.00 | 1.45 | 4,400.75 | 5.00 | 15,175.00 |
| 109. | TS Head, Temp | 1 | Ea | 2,800.00 | 2,800.00 | 900.00 | 900.00 | 2,500.00 | 2,500.00 |
| 110. | TS Face, Bag | 7 | Ea | 500.00 | 3,500.00 | 150.00 | 1,050.00 | 100.00 | 700.00 |
| 111. | TS Face, Bag, Rem | 7 | Ea | 350.00 | 2,450.00 | 150.00 | 1,050.00 | 100.00 | 700.00 |
| 112. | _Irrigation Pipe | 350 | Ft | 13.00 | 4,550.00 | 8.00 | 2,800.00 | 0.01 | 3.50 |
| 113. | _Sprinkler Head | 25 | Ea | 33.00 | 825.00 | 75.00 | 1,875.00 | 1.00 | 25.00 |
| 114. | _Monitoring Well Cover, Adj, Case 1 | 1 | Ea | 500.00 | 500.00 | 299.00 | 299.00 | 250.00 | 250.00 |
| 115. | _Gate Well Cover, Adj, Case 1 | 4 | Ea | 500.00 | 2,000.00 | 503.00 | 2,012.00 | 675.00 | 2,700.00 |
| TOTAL CONSTRUCTION COST | | | | \$ | 3,886,754.95 | \$ | 3,886,951.70 | \$ | 4,081,243.07 |



TABULATION OF BIDS

CITY OF WARREN

MARMON AVENUE PAVEMENT RECONSTRUCTION
 AND 8" WATER MAIN REPLACEMENT
 AEW PROJECT NO. 0140-0111

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 2420 Auburn Road
 Auburn Hills, MI 48326

Angelo Iafrate Construction Company
 26300 Sherwood
 Warren, MI 48091

Pamar Enterprises, Inc.
 31604 Pamar Court
 New Haven, MI 48048

| Item No. | Description | Estimated Quantity | Units | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
|----------------------------|-----------------------------------|--------------------|-------|------------|------------|------------|------------|------------|------------|
| ALTERNATE BID ITEMS | | | | | | | | | |
| A1 | _Aggregate Base, 8 inch, Special | 13,694 | Syd | 10.20 | 139,678.80 | 13.30 | 182,130.20 | 22.00 | 301,268.00 |
| A2 | _Aggregate Base, 6 inch, Special | 483 | Syd | 9.73 | 4,699.59 | 14.30 | 6,906.90 | 16.00 | 7,728.00 |
| A3 | _Aggregate Base, 10 inch, Special | 491 | Syd | 16.00 | 7,856.00 | 18.90 | 9,279.90 | 25.00 | 12,275.00 |