



TOTAL LENGTH OF RECONSTRUCTIVE IMPROVEMENTS: 2.640
AVERAGE WIDTH OF IMPROVEMENTS: 54
COST PER LINEAL FOOT OF ROAD: \$971.73
COST PER SQUARE YARD OF ROAD: \$287.22

Project: YEYR(117)
Route: FAU 1076 (LOCAL ROAD)
Section: 12-00155-00-FV
County: Village of Wilmette
Local Agency:

Locust Road Reconstruction (FAU 1076)
FAU 1292 (Lake Avenue) to FAU 1298 (Wilmette Avenue)

Total Project Net Length: 2.640 L.F. 0.50 MILES

(Construction) Estimate of Cost

| SPECIAL PROVISION | SPECIALTY ITEM | CODE NO. | ITEM | UNIT | UNIT PRICE | CONSTRUCTION CODE 0004 | | | CONSTRUCTION CODE 0043 | | | CONSTRUCTION CODE 0021 | | | PROJECT TOTAL | | |
|-------------------|----------------|----------|---|-------|---------------|------------------------------------|---------------|-----------|-----------------------------------|---------------|-----------|---------------------------------|------------|-----------|----------------|---------------|--------------|
| | | | | | | (ROADWAY RECONSTRUCTION - FEDERAL) | | | (WATER MAIN IMPROVEMENTS - LOCAL) | | | (LIGHTING IMPROVEMENTS - LOCAL) | | | TOTAL | | |
| | | | | | | TOTAL QUANTITY | TOTAL COST | % OF 0004 | TOTAL QUANTITY | TOTAL COST | % OF 0043 | TOTAL QUANTITY | TOTAL COST | % OF 0021 | TOTAL QUANTITY | TOTAL COST | % OF PROJECT |
| | | | 20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER) | UNIT | \$ 40.00 | 50 | \$ 2,000.00 | 0.08% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 50 | \$ 2,000.00 | 0.05% |
| | | | 20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER) | UNIT | \$ 100.00 | 75 | \$ 7,500.00 | 0.15% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 75 | \$ 7,500.00 | 0.10% |
| | | | 20101100 TREE TRUNK PROTECTION | EACH | \$ 50.00 | 81 | \$ 4,050.00 | 0.32% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 81 | \$ 4,050.00 | 0.21% |
| | | | 20101250 TREE ROOT PRUNING | EACH | \$ 120.00 | 20 | \$ 2,400.00 | 0.09% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 20 | \$ 2,400.00 | 0.06% |
| | | | 20101300 TREE PRUNING (1 TO 10 INCH DIAMETER) | EACH | \$ 115.00 | 20 | \$ 2,300.00 | 0.09% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 20 | \$ 2,300.00 | 0.06% |
| | | | 20101350 TREE PRUNING (OVER 10 INCH DIAMETER) | EACH | \$ 200.00 | 20 | \$ 4,000.00 | 0.16% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 20 | \$ 4,000.00 | 0.10% |
| | | | 20101700 SUPPLEMENTAL WATERING | UNIT | \$ 50.00 | 100 | \$ 5,000.00 | 0.19% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 100 | \$ 5,000.00 | 0.13% |
| | | | 20200100 EARTH EXCAVATION | CY YD | \$ 30.00 | 4,000 | \$ 120,000.00 | 4.68% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 4,000 | \$ 120,000.00 | 3.96% |
| | | | 20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | \$ 45.00 | 2,000 | \$ 90,000.00 | 3.51% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 2,000 | \$ 90,000.00 | 2.30% |
| | | | 20800150 TRENCH BACKFILL, SPECIAL | CU YD | \$ 40.00 | 1,100 | \$ 44,000.00 | 1.72% | 4,000 | \$ 160,000.00 | 13.51% | 0 | \$ - | 0.00% | 5,100 | \$ 204,000.00 | 5.21% |
| | | | 21001000 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SG YD | \$ 2.50 | 6,000 | \$ 15,000.00 | 0.00% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 6,000 | \$ 15,000.00 | 0.38% |
| | | | 21101625 TOPSOIL FURNISH AND PLACE 6" | SG YD | \$ 3.00 | 7,500 | \$ 22,500.00 | 0.88% | 500 | \$ 1,500.00 | 0.13% | 0 | \$ - | 0.00% | 8,000 | \$ 24,000.00 | 0.61% |
| | | | 25200110 SODDING, SALT TOLERANT | SG YD | \$ 7.50 | 7,500 | \$ 56,250.00 | 2.19% | 500 | \$ 3,750.00 | 0.32% | 0 | \$ - | 0.00% | 8,000 | \$ 60,000.00 | 1.53% |
| | | | 28000510 INLET FILTERS | EACH | \$ 100.00 | 45 | \$ 4,500.00 | 0.18% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 45 | \$ 4,500.00 | 0.11% |
| | | | 30300001 AGGREGATE SUBGRADE IMPROVEMENT | CU YD | \$ 35.00 | 2,000 | \$ 70,000.00 | 2.73% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 2,000 | \$ 70,000.00 | 1.79% |
| | | | 35102400 AGGREGATE BASE COURSE, TYPE B 12" | SG YD | \$ 12.00 | 11,000 | \$ 132,000.00 | 5.15% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 11,000 | \$ 132,000.00 | 3.37% |
| | | | 40600290 BITUMINOUS MATERIALS (TACK COAT) | POUND | \$ 1.00 | 10,000 | \$ 10,000.00 | 0.39% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 10,000 | \$ 10,000.00 | 0.26% |
| | | | 40600625 LEVELING BINDER (MACHINE METHOD, N50) | TON | \$ 125.00 | 30 | \$ 3,750.00 | 0.15% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 30 | \$ 3,750.00 | 0.10% |
| | | | 40600635 LEVELING BINDER (MACHINE METHOD, N70) | TON | \$ 125.00 | 30 | \$ 3,750.00 | 0.15% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 30 | \$ 3,750.00 | 0.10% |
| | | | 40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SG YD | \$ 20.00 | 90 | \$ 1,800.00 | 0.07% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 90 | \$ 1,800.00 | 0.46% |
| | | | 40603080 HOT-MIX ASPHALT BINDER COURSE - IL-19.0, N50 | TON | \$ 75.00 | 4,500 | \$ 337,500.00 | 13.16% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 4,500 | \$ 337,500.00 | 8.62% |
| | | | 40603335 HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50 | TON | \$ 85.00 | 1,350 | \$ 114,750.00 | 4.47% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 1,350 | \$ 114,750.00 | 2.93% |
| | | | 40603340 HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70 | TON | \$ 85.00 | 30 | \$ 2,550.00 | 0.10% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 30 | \$ 2,550.00 | 0.06% |
| | | | 42300200 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH | SG YD | \$ 50.00 | 600 | \$ 30,000.00 | 1.17% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 600 | \$ 30,000.00 | 0.77% |
| | | | 42400200 PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH | SG FT | \$ 5.00 | 32,000 | \$ 160,000.00 | 6.24% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 32,000 | \$ 160,000.00 | 4.09% |
| | | | 42400300 PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH | SG FT | \$ 6.00 | 3,000 | \$ 18,000.00 | 0.73% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 3,000 | \$ 18,000.00 | 0.46% |
| | | | 42400800 DETECTABLE WARNINGS | SG FT | \$ 35.00 | 450 | \$ 15,750.00 | 0.61% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 450 | \$ 15,750.00 | 0.40% |
| | | | 44000100 PAVEMENT REMOVAL (17") | SG YD | \$ 15.00 | 11,300 | \$ 169,500.00 | 6.61% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 11,300 | \$ 169,500.00 | 4.33% |
| | | | 44001050 HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4" | SG YD | \$ 4.00 | 1,300 | \$ 5,200.00 | 0.20% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 1,300 | \$ 5,200.00 | 0.13% |
| | | | 44002000 DRIVEWAY PAVEMENT REMOVAL | SG YD | \$ 10.00 | 2,250 | \$ 22,500.00 | 0.89% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 2,250 | \$ 22,500.00 | 0.58% |
| | | | 44005000 COMBINATION CONCRETE CURB AND GUTTER REMOVAL | FOOT | \$ 5.00 | 6,250 | \$ 31,250.00 | 1.22% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 6,250 | \$ 31,250.00 | 0.80% |
| | | | 44006000 SIDEWALK REMOVAL | SG FT | \$ 2.00 | 22,500 | \$ 45,000.00 | 1.75% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 22,500 | \$ 45,000.00 | 1.15% |
| | | | 44200200 CLASS B PATCHES, TYPE I, 7 INCH | SG YD | \$ 60.00 | 200 | \$ 12,000.00 | 0.47% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 200 | \$ 12,000.00 | 0.31% |
| | | | 44201733 CLASS D PATCHES, TYPE III, 7 INCH | SG YD | \$ 60.00 | 200 | \$ 12,000.00 | 0.47% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 200 | \$ 12,000.00 | 0.31% |
| | | | 44201735 CLASS D PATCHES, TYPE IV, 7 INCH | SG YD | \$ 60.00 | 200 | \$ 12,000.00 | 0.47% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 200 | \$ 12,000.00 | 0.31% |
| | | | 55000050 STORM SEWERS, CLASS A, TYPE 1, 12" | FOOT | \$ 70.00 | 375 | \$ 26,250.00 | 1.02% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 375 | \$ 26,250.00 | 0.67% |
| | | | 55000070 STORM SEWERS, CLASS A, TYPE 2, 42" | FOOT | \$ 125.00 | 325 | \$ 40,625.00 | 1.56% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 325 | \$ 40,625.00 | 1.04% |
| | | | 55100300 STORM SEWER REMOVAL 8" | FOOT | \$ 10.00 | 175 | \$ 1,750.00 | 0.07% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 175 | \$ 1,750.00 | 0.04% |
| | | | 55100400 STORM SEWER REMOVAL 10" | FOOT | \$ 10.00 | 100 | \$ 1,000.00 | 0.04% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 100 | \$ 1,000.00 | 0.03% |
| | | | 55100500 STORM SEWER REMOVAL 12" | FOOT | \$ 10.00 | 75 | \$ 750.00 | 0.03% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 75 | \$ 750.00 | 0.02% |
| | | | 55101400 STORM SEWER REMOVAL 30" | FOOT | \$ 12.50 | 340 | \$ 4,250.00 | 0.17% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 340 | \$ 4,250.00 | 0.11% |
| | | | 56102900 WATER MAIN IN TRENCH, DUCTILE IRON, 4" | FOOT | \$ 85.00 | 0 | \$ - | 0.00% | 50 | \$ 4,250.00 | 0.36% | 0 | \$ - | 0.00% | 50 | \$ 4,250.00 | 0.11% |
| | | | 56103000 WATER MAIN IN TRENCH, DUCTILE IRON, 6" | FOOT | \$ 90.00 | 0 | \$ - | 0.00% | 475 | \$ 42,750.00 | 3.61% | 0 | \$ - | 0.00% | 475 | \$ 42,750.00 | 1.09% |
| | | | 56103100 WATER MAIN IN TRENCH, DUCTILE IRON, 8" | FOOT | \$ 100.00 | 0 | \$ - | 0.00% | 2,950 | \$ 295,000.00 | 24.90% | 0 | \$ - | 0.00% | 2,950 | \$ 295,000.00 | 7.55% |
| | | | 56103300 WATER MAIN IN TRENCH, DUCTILE IRON, 12" | FOOT | \$ 125.00 | 0 | \$ - | 0.00% | 20 | \$ 2,500.00 | 0.21% | 0 | \$ - | 0.00% | 20 | \$ 2,500.00 | 0.06% |
| | | | 56104800 GATE VALVE, 4" | EACH | \$ 2,000.00 | 0 | \$ - | 0.00% | 2 | \$ 4,000.00 | 0.34% | 0 | \$ - | 0.00% | 2 | \$ 4,000.00 | 0.10% |
| | | | 56104900 GATE VALVE, 6" | EACH | \$ 2,250.00 | 0 | \$ - | 0.00% | 4 | \$ 9,000.00 | 0.78% | 0 | \$ - | 0.00% | 4 | \$ 9,000.00 | 0.23% |
| | | | 56105000 GATE VALVE, 8" | EACH | \$ 2,500.00 | 0 | \$ - | 0.00% | 13 | \$ 32,500.00 | 2.74% | 0 | \$ - | 0.00% | 13 | \$ 32,500.00 | 0.84% |
| | | | 56400500 FIRE HYDRANTS TO BE REMOVED | EACH | \$ 750.00 | 0 | \$ - | 0.00% | 6 | \$ 4,500.00 | 0.38% | 0 | \$ - | 0.00% | 6 | \$ 4,500.00 | 0.11% |
| | | | 56400820 FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX | EACH | \$ 6,500.00 | 0 | \$ - | 0.00% | 7 | \$ 45,500.00 | 3.84% | 0 | \$ - | 0.00% | 7 | \$ 45,500.00 | 1.16% |
| | | | 56400830 TEMPORARY FIRE HYDRANT | EACH | \$ 7,500.00 | 0 | \$ - | 0.00% | 9 | \$ 67,500.00 | 5.70% | 0 | \$ - | 0.00% | 9 | \$ 67,500.00 | 1.72% |
| | | | 60108100 PIPE UNDERDRAINS, TYPE 1, 6" (PVC SDR-26) | FOOT | \$ 25.00 | 800 | \$ 20,000.00 | 0.78% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 800 | \$ 20,000.00 | 0.51% |
| | | | 60224446 MANHOLES, TYPE A, 7-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | \$ 10,000.00 | 4 | \$ 40,000.00 | 1.56% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 4 | \$ 40,000.00 | 1.02% |
| | | | 60224448 MANHOLES, TYPE A, 7-DIAMETER, TYPE 1 FRAME, CLOSED LID (5'-10" DEPTH) | EACH | \$ 8,500.00 | 1 | \$ 8,500.00 | 0.33% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 1 | \$ 8,500.00 | 0.22% |
| | | | 60224449 MANHOLES, TYPE A, 7-DIAMETER, TYPE 1 FRAME, CLOSED LID (7'-0" DEPTH) | EACH | \$ 10,000.00 | 1 | \$ 10,000.00 | 0.39% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 1 | \$ 10,000.00 | 0.26% |
| | | | 60224459 MANHOLES, TYPE A, 8-DIAMETER, TYPE 1 FRAME, CLOSED LID (5'-10" DEPTH) | EACH | \$ 10,000.00 | 1 | \$ 10,000.00 | 0.39% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 1 | \$ 10,000.00 | 0.26% |
| | | | 60224459 MANHOLES, TYPE A, 8-DIAMETER, TYPE 1 FRAME, CLOSED LID (10'-15" DEPTH) | EACH | \$ 12,500.00 | 1 | \$ 12,500.00 | 0.49% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 1 | \$ 12,500.00 | 0.32% |
| | | | 60224469 MANHOLES, TYPE A, 9-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | \$ 15,000.00 | 1 | \$ 15,000.00 | 0.58% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 1 | \$ 15,000.00 | 0.38% |
| | | | 60224469 MANHOLES, TYPE A, 9-DIAMETER, TYPE 1 FRAME, CLOSED LID (5'-10" DEPTH) | EACH | \$ 15,000.00 | 1 | \$ 15,000.00 | 0.58% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 1 | \$ 15,000.00 | 0.38% |
| | | | 60224469 MANHOLES, TYPE A, 9-DIAMETER, TYPE 1 FRAME, CLOSED LID (10'-15" DEPTH) | EACH | \$ 17,500.00 | 1 | \$ 17,500.00 | 0.68% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 1 | \$ 17,500.00 | 0.45% |
| | | | 60200105 CATCH BASINS, TYPE A, 4-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | \$ 3,000.00 | 27 | \$ 81,000.00 | 3.16% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 27 | \$ 81,000.00 | 2.07% |
| | | | 60202400 INLETS, TYPE A, TYPE 1 FRAME, OPEN LID | EACH | \$ 1,750.00 | 16 | \$ 28,000.00 | 1.09% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 16 | \$ 28,000.00 | 0.71% |
| | | | 60249000 VALVE VAULTS, TYPE A, 5-DIAMETER, TYPE 1 FRAME, CLOSED LID, SPECIAL | EACH | \$ 4,000.00 | 0 | \$ - | 0.00% | 9 | \$ 36,000.00 | 3.00% | 0 | \$ - | 0.00% | 9 | \$ 36,000.00 | 0.94% |
| | | | 60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4, 12" | FOOT | \$ 12.50 | 6,500 | \$ 81,250.00 | 3.17% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 6,500 | \$ 81,250.00 | 2.07% |
| | | | 67100100 MOBILIZATION | L SUM | \$ 120,000.00 | 0.5 | \$ 60,000.00 | 2.34% | 0.5 | \$ 60,000.00 | 5.07% | 0 | \$ - | 0.00% | 1 | \$ 120,000.00 | 3.06% |
| | | | 70102600 TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | \$ 50,000.00 | 0.5 | \$ 25,000.00 | 1.00% | 0.5 | \$ 25,000.00 | 2.11% | 0 | \$ - | 0.00% | 1 | \$ 50,000.00 | 1.28% |
| | | | 70102640 TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | L SUM | \$ 50,000.00 | 0.5 | \$ 25,000.00 | 0.97% | 0.5 | \$ 25,000.00 | 2.11% | 0 | \$ - | 0.00% | 1 | \$ 50,000.00 | 1.28% |
| | | | 70300210 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | SG FT | \$ 1.50 | 2,000 | \$ 3,000.00 | 0.06% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 2,000 | \$ 3,000.00 | 0.04% |
| | | | 70300220 TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | \$ 1.00 | 2,000 | \$ 2,000.00 | 0.08% | 0 | \$ - | 0.00% | 0 | \$ - | 0.00% | 2,000 | \$ 2,000.00 | 0.05% |
| | | | 70300240 TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | \$ 2 | | | | | | | | | | | | |