

VILLAGE OF HOMER TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

M-60 TRAIL EASTSIDE: PROJECT PRIORITY #1: (from Grist Mill Park to Water St. Park / Sophia Street)

| | | |
|----------------------------------|-----------|------------------|
| PARTICIPATING COST TOTAL= | \$ | 61,135.83 |
| NON PARTICIPATING COSTS = | \$ | 4,890.87 |
| TOTAL PROJECT COSTS = | \$ | 66,026.70 |

VILLAGE OF HOMER TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| <i>M-60 TRAIL EASTSIDE: PROJECT PRIORITY #1: (from Grist Mill Park to Water St. Park / Sophia Street)</i> | | | | | |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------|-------------|------------------|---------------------|
| <i>ITEM #</i> | <i>ITEM DESCRIPTION</i> | <i>ITEM TOTAL</i> | <i>UNIT</i> | <i>UNIT COST</i> | <i>TOTAL PRICE</i> |
| GENERAL SITE REQUIREMENTS | | | | | |
| S-1 | Mobilization | 1 | LS | \$ 3,000.00 | \$ 3,000.00 |
| S-2 | Project Sign (MDOT) | 1 | LS | \$ 500.00 | \$ 500.00 |
| SUBTOTAL | | | | | \$ 3,500.00 |
| NEW PEDESTRIAN TRAIL PAVING | | | | | |
| SP-1 | Bituminous Pavement 10' wide bike path (4" depth) (884 LF) | 211 | TONS | \$ 60.00 | \$ 12,660.00 |
| SP-2 | Gravel Subbase (6" depth) | 240 | TONS | \$ 12.00 | \$ 2,880.00 |
| SP-3 | Tactile Warning Colored Concrete Pads@ Crossings (4 locations)(100 sf each) | 400 | SF | \$ 12.00 | \$ 4,800.00 |
| SP-4 | Grading (Allowance) | 1 | LS | \$ 8,000.00 | \$ 8,000.00 |
| SP-5 | Bollards (2 at each road crossing- Webster St. and Clay St.) | 4 | Each | \$ 700.00 | \$ 2,800.00 |
| SUBTOTAL | | | | | \$ 31,140.00 |
| PAVEMENT STRIPING / MARKINGS | | | | | |
| R-1 | Pavement Marking, 4 inch white | 884 | LF | \$ 1.30 | \$ 1,149.20 |
| SUBTOTAL | | | | | \$ 1,149.20 |
| LANDSCAPE | | | | | |
| L-1 | Perennials (1 gal.)(20 @ each crossing)(2 crossings) | 40 | EA | \$ 12.00 | \$ 480.00 |
| L-2 | Mulch (3 inch thick, bark, with Filter Fabric) | 10 | CYD | \$ 30.00 | \$ 300.00 |
| L-3 | Topsoil , Seed and Mulch (include disturbed edges of replaced walks)(2' each side) | 600 | SYD | \$ 3.00 | \$ 1,800.00 |
| L-4 | New Trees (2-2.5" cal) | 10 | EA | \$ 350.00 | \$ 3,500.00 |
| L-5 | Trail Landscaping Allowance | 1 | EA | \$ 5,000.00 | \$ 5,000.00 |
| L-6 | Site Preparation (re: Section 815)(35% cost of plants) | 1 | LS | \$ 3,143.00 | \$ 3,143.00 |
| L-7 | Watering and Cultivation (first season)(17%) | 1 | LS | \$ 1,526.60 | \$ 1,526.60 |
| L-8 | Watering and Cultivation (second season)(21%) | 1 | LS | \$ 1,885.80 | \$ 1,885.80 |
| SUBTOTAL | | | | | \$ 17,635.40 |
| SITE AMENITIES / FURNITURE | | | | | |
| SF-1 | Signage (Crossings, "Non-Motorized", Bikeway/Trail ID, Ped/Bike Divider Sign) | 1 | LS | \$ 1,800.00 | \$ 1,800.00 |
| SUBTOTAL | | | | | \$ 1,800.00 |
| MISCELLANEOUS ITEMS | | | | | |
| M-1 | Erosion Control (Allowance) | 1 | LS | \$ 1,500.00 | \$ 1,500.00 |
| M-2 | Project Clean Up (Allowance) | 1 | LS | \$ 1,500.00 | \$ 1,500.00 |
| SUBTOTAL | | | | | \$ 3,000.00 |
| SUBTOTAL CONSTRUCTION ESTIMATE | | | | | \$ 58,224.60 |
| CONTINGENCY (5%) | | | | | \$ 2,911.23 |
| PARTICIPATING COSTS TOTAL = | | | | | \$ 61,135.83 |
| NON PARTICIPATING PROJECT COSTS | | | | | |
| NE-1 | Landscape Arch & Engineering Fees (8%) | 1 | LS | \$ 4,890.87 | \$ 4,890.87 |
| NON PARTICIPATING COSTS TOTAL | | | | | \$ 4,890.87 |

VILLAGE OF HOMER TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

CLAY STREET TRAIL - PROJECT PRIORITY #2: from Depot St. to Grist Mill Park

| | |
|----------------------------------|----------------------|
| PARTICIPATING COST TOTAL= | \$ 140,745.99 |
| NON PARTICIPATING COSTS = | \$ 35,459.68 |
| TOTAL PROJECT COSTS = | \$ 176,205.67 |

VILLAGE OF HOMER TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| <i>CLAY STREET TRAIL - PRIORITY #2: from Depot St. to Grist Mill Park</i> | | | | | |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------|-------------|------------------|---------------------|
| <i>ITEM #</i> | <i>ITEM DESCRIPTION</i> | <i>ITEM TOTAL</i> | <i>UNIT</i> | <i>UNIT COST</i> | <i>TOTAL PRICE</i> |
| GENERAL SITE REQUIREMENTS | | | | | |
| S-1 | Mobilization | 1 | LS | \$ 7,000.00 | \$ 7,000.00 |
| S-2 | Project Sign (MDOT) | 2 | EA | \$ 500.00 | \$ 1,000.00 |
| S-3 | Traffic Controls and Staging | 1 | LS | \$ 3,500.00 | \$ 3,500.00 |
| SUBTOTAL | | | | | \$ 11,500.00 |
| DEMOLITION | | | | | |
| D-1 | Removal of Existing Vegetation (Allowance) | 1 | LS | \$ 5,000.00 | \$ 5,000.00 |
| D-2 | Remove Concrete Paving (0 sf) | 0 | SYD | \$ 9.00 | \$ - |
| SUBTOTAL | | | | | \$ 5,000.00 |
| NEW PEDESTRIAN TRAIL PAVING | | | | | |
| SP-1 | Bituminous Pavement 10' wide bike path (3" depth) (2850 LF) | 380 | TONS | \$ 60.00 | \$ 22,800.00 |
| SP-2 | Gravel Subbase (6" depth) | 749 | TONS | \$ 12.00 | \$ 8,988.00 |
| SP-3 | ADA Ramps Tactile Warning Strips @ Crossings (18 locations)(80 sf each) | 1440 | SF | \$ 6.00 | \$ 8,640.00 |
| SP-4 | Grading (Allowance) | 1 | LS | \$ 12,000.00 | \$ 12,000.00 |
| SP-5 | Bollards (2 at each road crossing- Webster St. and Clay St.) | 18 | Each | \$ 700.00 | \$ 12,600.00 |
| SUBTOTAL | | | | | \$ 65,028.00 |
| PAVEMENT STRIPING / MARKINGS | | | | | |
| R-1 | Pavement Crossing Striping, white (9 Crossings @ 400 ea.) | 1 | LS | \$ 3,600.00 | \$ 3,600.00 |
| SUBTOTAL | | | | | \$ 3,600.00 |
| LANDSCAPE | | | | | |
| L-1 | Perennials (1 gal.)(20 @ each major crossing)(4 crossings) | 80 | EA | \$ 12.00 | \$ 960.00 |
| L-2 | Mulch Bed (3 inch thick, bark, with Filter Fabric) | 8 | CYD | \$ 30.00 | \$ 240.00 |
| L-3 | Topsoil , Seed and Mulch (include disturbed edges of replaced walks)(2' each side)(21,200 sf) | 2400 | SYD | \$ 3.00 | \$ 7,200.00 |
| L-4 | New Trees (2-2.5" cal) | 30 | EA | \$ 350.00 | \$ 10,500.00 |
| L-5 | Trail Landscaping Allowance | 1 | EA | \$ 5,000.00 | \$ 5,000.00 |
| L-6 | Site Preparation (re: Section 815)(35% cost of plants) | 1 | LS | \$ 5,761.00 | \$ 5,761.00 |
| L-7 | Watering and Cultivation (first season)(17%) | 1 | LS | \$ 2,798.20 | \$ 2,798.20 |
| L-8 | Watering and Cultivation (second season)(21%) | 1 | LS | \$ 3,456.60 | \$ 3,456.60 |
| SUBTOTAL | | | | | \$ 35,915.80 |
| SITE AMENITIES / FURNITURE | | | | | |
| SF-1 | Signage (Crossings, "Non-Motorized", Bikeway/Trail ID, Ped/Bike Divider Sign) (2850 lf of Trail) | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |

VILLAGE OF HOMER TRAILWAYS PLAN
 - ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| | | | | | | |
|----------------------------------------|-------------------------------------------------------------|---|----|--------------|-----------|-------------------|
| SUBTOTAL | | | | | \$ | 10,000.00 |
| MISCELLANEOUS ITEMS | | | | | | |
| M-1 | Erosion Control (Allowance) | 1 | LS | \$ 5,000.00 | \$ | 5,000.00 |
| M-2 | Project Clean Up (Allowance) | 1 | LS | \$ 3,000.00 | \$ | 3,000.00 |
| SUBTOTAL | | | | | \$ | 8,000.00 |
| SUBTOTAL CONSTRUCTION ESTIMATE | | | | | \$ | 134,043.80 |
| CONTINGENCY (5%) | | | | | \$ | 6,702.19 |
| PARTICIPATING COSTS TOTAL = | | | | | \$ | 140,745.99 |
| NON PARTICIPATING PROJECT COSTS | | | | | | |
| NE-1 | Landscape Arch & Engineering Fees (8%) | 1 | LS | \$ 11,259.68 | \$ | 11,259.68 |
| NE-2 | Construction Administration and Inspection Fees (Part Time) | 1 | LS | \$ 16,700.00 | \$ | 16,700.00 |
| NE-3 | Survey Fee | 1 | LS | \$ 7,500.00 | \$ | 7,500.00 |
| NON PARTICIPATING COSTS TOTAL | | | | | \$ | 35,459.68 |

VILLAGE OF HOMER TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

LAKE PARK TRAIL - PROJECT PRIORITY #3: (from Lake Park to M-60. West Main St.)

| | |
|----------------------------------|----------------------|
| PARTICIPATING COST TOTAL= | \$ 130,501.31 |
| NON PARTICIPATING COSTS = | \$ 30,440.10 |
| TOTAL PROJECT COSTS = | \$ 160,941.41 |

VILLAGE OF HOMER TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| <i>LAKE PARK TRAIL - PROJECT PRIORITY #3: (from Lake Park to M-60. West Main St.)</i> | | | | | |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|-------------|------------------|---------------------|
| <i>ITEM #</i> | <i>ITEM DESCRIPTION</i> | <i>ITEM TOTAL</i> | <i>UNIT</i> | <i>UNIT COST</i> | <i>TOTAL PRICE</i> |
| GENERAL SITE REQUIREMENTS | | | | | |
| S-1 | Mobilization | 1 | LS | \$ 5,000.00 | \$ 5,000.00 |
| S-2 | Project Sign (MDOT) | 2 | EA | \$ 500.00 | \$ 1,000.00 |
| S-3 | Traffic Controls and Staging | 1 | LS | \$ 3,000.00 | \$ 3,000.00 |
| SUBTOTAL | | | | | \$ 9,000.00 |
| DEMOLITION | | | | | |
| D-1 | Removal of Existing Vegetation (Allowance) | 1 | LS | \$ 5,000.00 | \$ 5,000.00 |
| D-2 | Excavation for new trail (Allowance) | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| SUBTOTAL | | | | | \$ 15,000.00 |
| NEW PEDESTRIAN TRAIL PAVING | | | | | |
| SP-1 | Bituminous Pavement 10' wide bike path (3" depth)(2900 lf) | 410 | TONS | \$ 60.00 | \$ 24,600.00 |
| SP-2 | Gravel Subbase (6" depth)(2900 lf) | 1060 | TONS | \$ 12.00 | \$ 12,720.00 |
| SP-3 | ADA Ramps Tactile Warning Strips @ Crossings (color concrete) (4 locations)(80 sf each) | 320 | SF | \$ 12.00 | \$ 3,840.00 |
| SP-4 | Grading (Allowance) | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| SP-5 | Fill Pipe (allowance) | 1 | LS | \$ 6,500.00 | \$ 6,500.00 |
| SP-6 | Bollards (2 at each road crossing-) | 4 | Each | \$ 700.00 | \$ 2,800.00 |
| SUBTOTAL | | | | | \$ 60,460.00 |
| PAVEMENT STRIPING / MARKINGS | | | | | |
| R-1 | Pavement Crossing Striping, white (2 Crossings @ 400 ea.and 4" striping) | 1 | LS | \$ 1,200.00 | \$ 1,200.00 |
| SUBTOTAL | | | | | \$ 1,200.00 |
| LANDSCAPE | | | | | |
| L-1 | Perennials (1 gal.)(20 @ each major crossing)(2 crossings) | 80 | EA | \$ 12.00 | \$ 960.00 |
| L-2 | Mulch Bed (3 inch thick, bark, with Filter Fabric) | 8 | CYD | \$ 30.00 | \$ 240.00 |
| L-3 | Topsoil , Seed and Mulch (include disturbed edges of replaced walks)(2' each side)(8800 sf) | 1400 | SYD | \$ 3.00 | \$ 4,200.00 |
| L-4 | New Trees (2-2.5" cal) | 40 | EA | \$ 250.00 | \$ 10,000.00 |
| L-5 | Trail Landscaping Allowance | 1 | EA | \$ 5,000.00 | \$ 5,000.00 |
| L-6 | Site Preparation (re: Section 815)(35% cost of plants) | 1 | LS | \$ 197.40 | \$ 197.40 |
| L-7 | Watering and Cultivation (first season)(17%) | 1 | LS | \$ 241.40 | \$ 241.40 |
| L-8 | Watering and Cultivation (second season)(21%) | 1 | LS | \$ 335.16 | \$ 335.16 |
| SUBTOTAL | | | | | \$ 21,173.96 |
| SITE AMENITIES / FURNITURE | | | | | |
| SF-1 | Benches (6') with Concrete Pad (5 x7') | 2 | EA. | \$ 2,000.00 | \$ 4,000.00 |
| SF-2 | Interpretive Station (Pedestal) Allowance | 1 | EA. | \$ 3,500.00 | \$ 3,500.00 |
| SF-3 | Signage (Crossings, "Non-Motorized", Bikeway/Trail ID, Ped/Bike Divider Sign) | 1 | LS | \$ 3,900.00 | \$ 3,900.00 |
| SUBTOTAL | | | | | \$ 11,400.00 |
| MISCELLANEOUS ITEMS | | | | | |
| M-1 | Erosion Control (Allowance) | 1 | LS | \$ 3,500.00 | \$ 3,500.00 |
| M-2 | Project Clean Up | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |

VILLAGE OF HOMER TRAILWAYS PLAN
 - ENGINEERS ESTIMATE OF PROBABLE PROJECT COST -

| | | | | | |
|-----------------------------------------------|-------------------------------------------------------------|---|----|--------------|----------------------|
| SUBTOTAL | | | | | \$ 6,000.00 |
| SUBTOTAL CONSTRUCTION ESTIMATE | | | | | \$ 124,286.96 |
| CONTINGENCY (5%) | | | | | \$ 6,214.35 |
| PARTICIPATING COSTS TOTAL = | | | | | \$ 130,501.31 |
| <i>NON PARTICIPATING PROJECT COSTS</i> | | | | | |
| NE-1 | Landscape Arch & Engineering Fees (8%) | 1 | LS | \$ 10,440.10 | \$ 10,440.10 |
| NE-2 | Construction Administration and Inspection Fees (Part Time) | 1 | LS | \$ 12,500.00 | \$ 12,500.00 |
| NE-3 | Survey Fee | 1 | LS | \$ 7,500.00 | \$ 7,500.00 |
| NON PARTICIPATING COSTS TOTAL | | | | | \$ 30,440.10 |

VILLAGE OF HOMER LANDSCAPE TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

WEBSTER PARK TRAIL - PROJECT PRIORITY #4: (from Grist Mill Park to Webster Park)

| | |
|----------------------------------|----------------------|
| PARTICIPATING COST TOTAL= | \$ 104,080.56 |
| NON PARTICIPATING COSTS = | \$ 28,326.44 |
| TOTAL PROJECT COSTS = | \$ 132,407.00 |

VILLAGE OF HOMER LANDSCAPE TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| WEBSTER PARK TRAIL - PROJECT PRIORITY #4: (from Grist Mill Park to Webster Park) | | | | | |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------|-------------|------------------|---------------------|
| ITEM # | ITEM DESCRIPTION | ITEM TOTAL | UNIT | UNIT COST | TOTAL PRICE |
| GENERAL SITE REQUIREMENTS | | | | | |
| S-1 | Mobilization | 1 | LS | \$ 5,000.00 | \$ 5,000.00 |
| S-2 | Project Sign (MDOT) | 2 | EA | \$ 500.00 | \$ 1,000.00 |
| S-3 | Traffic Controls and Staging | 1 | LS | \$ 3,000.00 | \$ 3,000.00 |
| SUBTOTAL | | | | | \$ 9,000.00 |
| DEMOLITION | | | | | |
| D-1 | Removal of Existing Vegetation (Allowance) | 1 | LS | \$ 5,000.00 | \$ 5,000.00 |
| D-2 | Excavation for new trail (Allowance) | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| SUBTOTAL | | | | | \$ 15,000.00 |
| NEW PEDESTRIAN TRAIL PAVING | | | | | |
| SP-1 | Bituminous Pavement 8' wide bike path (3" depth)(1082 lf) | 140 | TONS | \$ 60.00 | \$ 8,400.00 |
| SP-2 | Concrete Path (4' wide to join exist 4')(460 lf) | 1840 | SF | \$ 4.00 | \$ 7,360.00 |
| SP-2 | Gravel Subbase (6" depth) | 260 | TONS | \$ 12.00 | \$ 3,120.00 |
| SP-3 | ADA Ramps Tactile Warning Strips @ Crossings (color concrete) (4 locations)(80 sf each) | 320 | SF | \$ 12.00 | \$ 3,840.00 |
| SP-4 | Grading (Allowance) | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| SP-6 | Bollards (2 at each road crossing-) | 4 | Each | \$ 700.00 | \$ 2,800.00 |
| SUBTOTAL | | | | | \$ 35,520.00 |
| PAVEMENT STRIPING / MARKINGS | | | | | |
| R-1 | Pavement Crossing Striping, white (2 Crossings @ 400 ea.and 4" striping) | 1 | LS | \$ 800.00 | \$ 800.00 |
| SUBTOTAL | | | | | \$ 800.00 |
| LANDSCAPE | | | | | |
| L-1 | Perennials (1 gal.)(20 @ each major crossing)(2 crossings) | 80 | EA | \$ 12.00 | \$ 960.00 |
| L-2 | Mulch Bed (3 inch thick, bark, with Filter Fabric) | 8 | CYD | \$ 30.00 | \$ 240.00 |
| L-3 | Topsoil , Seed and Mulch (include disturbed edges of replaced walks)(2' each side)(8800 sf) | 988 | SYD | \$ 3.00 | \$ 2,964.00 |
| L-4 | New Trees (2-2.5" cal) | 20 | EA | \$ 350.00 | \$ 7,000.00 |
| L-5 | Trail Landscaping Allowance | 1 | EA | \$ 5,000.00 | \$ 5,000.00 |
| L-6 | Site Preparation (re: Section 815)(35% cost of plants) | 1 | LS | \$ 140.14 | \$ 140.14 |
| L-7 | Watering and Cultivation (first season)(17%) | 1 | LS | \$ 169.39 | \$ 169.39 |
| L-8 | Watering and Cultivation (second season)(21%) | 1 | LS | \$ 272.16 | \$ 272.16 |
| SUBTOTAL | | | | | \$ 16,745.69 |
| SITE AMENITIES / FURNITURE | | | | | |
| SF-1 | Benches (6') with Concrete Pad (5 x7') | 2 | EA. | \$ 2,000.00 | \$ 4,000.00 |
| SF-2 | Interpretive Station (Pedestal) Allowance | 1 | EA. | \$ 3,500.00 | \$ 3,500.00 |
| SF-3 | Signage (Crossings, "Non-Motorized", Bikeway/Trail ID, Ped/Bike Divider Sign) | 1 | LS | \$ 4,000.00 | \$ 4,000.00 |
| SUBTOTAL | | | | | \$ 11,500.00 |
| MISCELLANEOUS ITEMS | | | | | |
| M-1 | Erosion Control (Allowance) | 1 | LS | \$ 3,500.00 | \$ 3,500.00 |
| M-2 | Project Clean Up | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |
| SUBTOTAL | | | | | \$ 6,000.00 |

VILLAGE OF HOMER LANDSCAPE TRAILWAYS PLAN
 - ENGINEERS ESTIMATE OF PROBABLE PROJECT COST -

| | | | | | |
|-----------------------------------------------|-------------------------------------------------------------|---|----|--------------|----------------------|
| SUBTOTAL CONSTRUCTION ESTIMATE | | | | | \$ 94,618.69 |
| CONTINGENCY (10%) | | | | | \$ 9,461.87 |
| PARTICIPATING COSTS TOTAL = | | | | | \$ 104,080.56 |
| <i>NON PARTICIPATING PROJECT COSTS</i> | | | | | |
| NE-1 | Landscape Arch & Engineering Fees (8%) | 1 | LS | \$ 8,326.44 | \$ 8,326.44 |
| NE-2 | Construction Administration and Inspection Fees (Part Time) | 1 | LS | \$ 12,500.00 | \$ 12,500.00 |
| NE-3 | Survey Fee | 1 | LS | \$ 7,500.00 | \$ 7,500.00 |
| NON PARTICIPATING COSTS TOTAL | | | | | \$ 28,326.44 |

**VILLAGE OF HOMER LANDSCAPE BEAUTIFICATION PROJECT
IMPROVEMENTS**

- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

M-60 TRAIL WESTSIDE - PROJECT PRIORITY #7: (From West Main to Water Tower Park / Sophia)

| | |
|----------------------------------|----------------------|
| PARTICIPATING COST TOTAL= | \$ 140,364.00 |
| NON PARTICIPATING COSTS = | \$ 32,229.12 |
| TOTAL PROJECT COSTS = | \$ 172,593.12 |

**VILLAGE OF HOMER LANDSCAPE BEAUTIFICATION PROJECT
IMPROVEMENTS**

- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| <i>M-60 TRAIL WESTSIDE - PROJECT PRIORITY #7: (From West Main to Water Tower Park / Sophia)</i> | | | | | |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------|-------------|------------------|---------------------|
| <i>(605LF)</i> | | | | | |
| <i>ITEM #</i> | <i>ITEM DESCRIPTION</i> | <i>ITEM TOTAL</i> | <i>UNIT</i> | <i>UNIT COST</i> | <i>TOTAL PRICE</i> |
| GENERAL SITE REQUIREMENTS | | | | | |
| S-1 | Mobilization | 1 | LS | \$ 5,000.00 | \$ 5,000.00 |
| S-2 | Project Sign (MDOT) | 2 | LS | \$ 500.00 | \$ 1,000.00 |
| S-3 | Traffic Controls and Staging (per 100 lf of roadway) | 1 | LS | \$ 3,500.00 | \$ 3,500.00 |
| SUBTOTAL | | | | | \$ 9,500.00 |
| DEMOLITION | | | | | |
| D-1 | Removals Sidewalk (Allowance) | 3120 | LF | \$ 2.00 | \$ 6,240.00 |
| SUBTOTAL | | | | | \$ 6,240.00 |
| NEW PEDESTRIAN TRAIL PAVING | | | | | |
| SP-1 | Bituminous Pavement 10' wide bike path (3" depth) (1525 lf) | 220 | TONS | \$ 60.00 | \$ 13,200.00 |
| SP-2 | Gravel Subbase (6" depth) | 400 | TONS | \$ 12.00 | \$ 4,800.00 |
| SP-3 | Grading (Allowance) | 1 | LS | \$ 10,000.00 | \$ 10,000.00 |
| SP-3 | ADA Ramps Tactile Warning Strips @ Crossings (color concrete) (4 locations)(80 sf each) | 320 | SF | \$ 12.00 | \$ 3,840.00 |
| SP-6 | Bollards (2 at each road crossing-) (4 crossings) | 8 | Each | \$ 700.00 | \$ 5,600.00 |
| SUBTOTAL | | | | | \$ 37,440.00 |
| PAVEMENT STRIPING / MARKINGS | | | | | |
| R-1 | Pavement Marking, 4 inch white (1900 lf -twice for each bike lane) | 3800 | LF | \$ 0.80 | \$ 3,040.00 |
| SUBTOTAL | | | | | \$ 3,040.00 |
| LANDSCAPE | | | | | |
| L-1 | Perennials (1 gal.)(20 @ each crossing)(2 crossings) | 60 | EA | \$ 13.00 | \$ 780.00 |
| L-2 | Mulch (3 inch thick) (Bark)(with Filter Fabric under) | 36 | CYD | \$ 30.00 | \$ 1,080.00 |
| L-3 | Topsoil , Seed and Mulch (include disturbed edges of replaced walks)(2' each side) | 8400 | SYD | \$ 3.00 | \$ 25,200.00 |
| L-4 | New Trees (2.5" cal) | 30 | EA | \$ 250.00 | \$ 7,500.00 |
| L-5 | Landscaping Allowance (Triangle Park and M-99 ROW and Sophia St.Entry) | 1 | EA | \$ 8,000.00 | \$ 8,000.00 |
| SUBTOTAL | | | | | \$ 42,560.00 |
| SITE AMENITIES / FURNITURE | | | | | |
| SF-1 | Benches (6') with Concrete Pad (5 x7') - at Triangle Park | 2 | EA. | \$ 2,000.00 | \$ 4,000.00 |

**VILLAGE OF HOMER LANDSCAPE BEAUTIFICATION PROJECT
IMPROVEMENTS**

- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| | | | | | |
|------|-----------------------------------|---|-----|-------------|-------------|
| SF-2 | Trash Receptacle at Triangle Park | 1 | EA. | \$ 1,500.00 | \$ 1,500.00 |
|------|-----------------------------------|---|-----|-------------|-------------|

| | | | | | |
|-----------------|--|--|--|--|--------------------|
| SUBTOTAL | | | | | \$ 5,500.00 |
|-----------------|--|--|--|--|--------------------|

MISCELLANEOUS ITEMS

| | | | | | |
|-----|----------------------------------------------------|-----|----|-------------|--------------|
| M-1 | Site Ornamental Pole Lighting (3 at Triangle Park) | 7 | EA | \$ 3,200.00 | \$ 22,400.00 |
| M-2 | Electrical Conduit PVC (Gray) | 250 | LF | \$ 4.00 | \$ 1,000.00 |
| M-3 | Erosion Control (Allowance) | 1 | LS | \$ 3,500.00 | \$ 3,500.00 |
| M-4 | Project Clean Up | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |

| | | | | | |
|-----------------|--|--|--|--|---------------------|
| SUBTOTAL | | | | | \$ 29,400.00 |
|-----------------|--|--|--|--|---------------------|

| | | | | | |
|---------------------------------------|--|--|--|--|----------------------|
| SUBTOTAL CONSTRUCTION ESTIMATE | | | | | \$ 133,680.00 |
|---------------------------------------|--|--|--|--|----------------------|

| | | | | | |
|-------------------------|--|--|--|--|--------------------|
| CONTINGENCY (5%) | | | | | \$ 6,684.00 |
|-------------------------|--|--|--|--|--------------------|

| | | | | | |
|------------------------------------|--|--|--|--|----------------------|
| PARTICIPATING COSTS TOTAL = | | | | | \$ 140,364.00 |
|------------------------------------|--|--|--|--|----------------------|

NON PARTICIPATING PROJECT COSTS

| | | | | | |
|------|-------------------------------------------------------------|---|----|--------------|--------------|
| NE-1 | Landscape Arch & Engineering Fees (8%) | 1 | LS | \$ 11,229.12 | \$ 11,229.12 |
| NE-2 | Construction Administration and Inspection Fees (Part Time) | 1 | LS | \$ 13,500.00 | \$ 13,500.00 |
| NE-3 | Survey Fee | 1 | LS | \$ 7,500.00 | \$ 7,500.00 |

| | | | | | |
|--------------------------------------|--|--|--|--|---------------------|
| NON PARTICIPATING COSTS TOTAL | | | | | \$ 32,229.12 |
|--------------------------------------|--|--|--|--|---------------------|

VILLAGE OF HOMER LANDSCAPE TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

HILLSDALE ST. TRAIL - PROJECT PRIORITY #6: (from downtown to the Athletic Complex and Depot St. Trail)

| | |
|----------------------------------|----------------------|
| PARTICIPATING COST TOTAL= | \$ 141,860.25 |
| NON PARTICIPATING COSTS = | \$ 33,848.82 |
| TOTAL PROJECT COSTS = | \$ 175,709.07 |

VILLAGE OF HOMER LANDSCAPE TRAILWAYS PLAN
 - ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| HILLSDALE ST. TRAIL - PROJECT PRIORITY #6: (from downtown to the Athletic Complex and Depot St. Trail) | | | | | |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------|-------------|------------------|---------------------|
| (3000LF) | | | | | |
| ITEM # | ITEM DESCRIPTION | ITEM TOTAL | UNIT | UNIT COST | TOTAL PRICE |
| GENERAL SITE REQUIREMENTS | | | | | |
| S-1 | Mobilization | 1 | LS | \$ 7,000.00 | \$ 7,000.00 |
| S-2 | Project Sign (MDOT) | 2 | LS | \$ 1,000.00 | \$ 2,000.00 |
| S-3 | Traffic Controls and Staging (per 100 lf of roadway) | 1 | LS | \$ 3,500.00 | \$ 3,500.00 |
| SUBTOTAL | | | | | \$ 12,500.00 |
| DEMOLITION | | | | | |
| D-1 | Removals Sidewalk (Allowance) | 2510 | LF | \$ 2.00 | \$ 5,020.00 |
| SUBTOTAL | | | | | \$ 5,020.00 |
| NEW PEDESTRIAN TRAIL PAVING | | | | | |
| SP-1 | Bituminous Pavement 10' wide bike path (2340 lf)(4" depth) | 350 | TONS | \$ 60.00 | \$ 21,000.00 |
| SP-2 | Gravel Subbase (6" depth) | 650 | TONS | \$ 12.00 | \$ 7,800.00 |
| SP-4 | Grading (Allowance) | 1 | LS | \$ 15,000.00 | \$ 15,000.00 |
| SP-5 | Colored Concrete Tactile warning pads (16 locations) | 1600 | SF | \$ 12.00 | \$ 19,200.00 |
| SP-6 | Bollards (2 at each road crossing-) | 18 | Each | \$ 700.00 | \$ 12,600.00 |
| SUBTOTAL | | | | | \$ 75,600.00 |
| PAVEMENT STRIPING / MARKINGS | | | | | |
| R-1 | Pavement Crossing Striping, white (9 Crossings @ 400 ea.and 4" striping) | 1 | LS | \$ 3,600.00 | \$ 3,600.00 |
| SUBTOTAL | | | | | \$ 3,600.00 |
| LANDSCAPE | | | | | |
| L-1 | Perennials (1 gal.)(20 @ each crossing)(8crossings) | 160 | EA | \$ 13.00 | \$ 2,080.00 |
| L-2 | Mulch (3 inch thick) (Bark)(with Filter Fabric under) 4 cy per crossing | 32 | CYD | \$ 30.00 | \$ 960.00 |
| L-3 | Topsoil , Seed and Mulch (include disturbed edges of replaced walks)(2' each side) | 1115 | SYD | \$ 3.00 | \$ 3,345.00 |
| L-4 | New Trees (2.5" cal) every 50' -70' o.c. | 40 | EA | \$ 350.00 | \$ 14,000.00 |
| L-5 | Landscaping Repair Allowance | 1 | EA | \$ 3,000.00 | \$ 3,000.00 |
| SUBTOTAL | | | | | \$ 23,385.00 |
| SITE AMENITIES / FURNITURE | | | | | |
| SF-1 | Park Benches (6') with Concrete Pad (5 x7') - at Depot Trail Head and Library | 2 | EA. | \$ 2,000.00 | \$ 4,000.00 |
| SF-2 | Trash Receptacle at library | 1 | EA. | \$ 1,000.00 | \$ 1,000.00 |
| SF-3 | Signage (Crossings, "Non-Motorized", Bikeway/Trail ID, Ped/Bike Divider Sign) | 1 | LS | \$ 4,000.00 | \$ 4,000.00 |

VILLAGE OF HOMER LANDSCAPE TRAILWAYS PLAN
 - ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| | | | | | |
|----------------------------------------|-------------------------------------------------------------|---|----|--------------|----------------------|
| SUBTOTAL | | | | | \$ 9,000.00 |
| MISCELLANEOUS ITEMS | | | | | |
| M-1 | Erosion Control (Allowance) | 1 | LS | \$ 3,500.00 | \$ 3,500.00 |
| M-2 | Project Clean Up | 1 | LS | \$ 2,500.00 | \$ 2,500.00 |
| SUBTOTAL | | | | | \$ 6,000.00 |
| SUBTOTAL CONSTRUCTION ESTIMATE | | | | | \$ 135,105.00 |
| CONTINGENCY (5%) | | | | | \$ 6,755.25 |
| PARTICIPATING COSTS TOTAL = | | | | | \$ 141,860.25 |
| NON PARTICIPATING PROJECT COSTS | | | | | |
| NE-1 | Landscape Arch & Engineering Fees (8%) | 1 | LS | \$ 11,348.82 | \$ 11,348.82 |
| NE-2 | Construction Administration and Inspection Fees (Part Time) | 1 | LS | \$ 13,500.00 | \$ 13,500.00 |
| NE-3 | Survey Fee | 1 | LS | \$ 7,500.00 | \$ 9,000.00 |
| NON PARTICIPATING COSTS TOTAL | | | | | \$ 33,848.82 |

VILLAGE OF HOMER TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

WEST MAIN STREET TRAIL - 24.5 MILE RD EXPANSION PROJECT PRIORITY # 7: (Includes new curb & gutter and resurfacing)

| | |
|----------------------------------|----------------------|
| PARTICIPATING COST TOTAL= | \$ 153,170.60 |
| NON PARTICIPATING COSTS = | \$ 31,253.65 |
| TOTAL PROJECT COSTS = | \$ 184,424.25 |

VILLAGE OF HOMER TRAILWAYS PLAN
- ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| WEST MAIN STREET TRAIL - 24.5 MILE RD EXPANSION PROJECT PRIORITY # 7: (Includes new curb & gutter and resurfacing) | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------|-------------|------------------|----------------------|
| ITEM # | ITEM DESCRIPTION | ITEM TOTAL | UNIT | UNIT COST | TOTAL PRICE |
| GENERAL SITE REQUIREMENTS | | | | | |
| S-1 | Mobilization | 1 | LS | \$ 3,000.00 | \$ 3,000.00 |
| S-2 | Project Sign (Calhoun Co. Road Commission) | 1 | LS | \$ 500.00 | \$ 500.00 |
| S-3 | Traffic Controls and Staging | 1 | LS | \$ 1,000.00 | \$ 1,000.00 |
| SUBTOTAL | | | | | \$ 4,500.00 |
| DEMOLITION | | | | | |
| D-1 | Extent Existing Fire Hydrant (10') (work by Village) | 1 | LS | | |
| D-2 | Remove Abandoned Telephone Poles (3) (work by Village) | 1 | LS | | |
| D-3 | Relocate Existing Concrete Headwall - extend existing pipe 10' (work by Village) | 1 | LS | | |
| D-4 | Relocate Existing Mailboxes (Allowance) | 1 | LS | \$ 2,000.00 | \$ 2,000.00 |
| D-5 | Remove / Rotomil Bituminous Pavement (1 1/2"- 2" M-60 to 24.5 mile rd.) (1235 LF X 20' wide) | 2750 | SYD | \$ 2.50 | \$ 6,875.00 |
| D-6 | Remove Concrete Curb and Gutter (north side- adjacent to M-60 radius) | 60 | LF | \$ 16.00 | \$ 960.00 |
| SUBTOTAL | | | | | \$ 9,835.00 |
| NEW TRAIL AND ROAD PAVING | | | | | |
| SP-1 | Bituminous Trail Pavement 10' wide bike path (1240 lf) (3.5" depth) | 275 | TONS | \$ 60.00 | \$ 16,500.00 |
| SP-2 | Road Bituminous Pavement (MDOT Bituminous Mix & seal) (1.5-2") | 302 | TONS | \$ 60.00 | \$ 18,120.00 |
| SP-3 | Aggregate Base Course (21AA) (Trail) (8" depth) | 540 | TONS | \$ 12.00 | \$ 6,480.00 |
| SP-4 | Grading (Allowance) | 1 | LS | \$ 15,000.00 | \$ 15,000.00 |
| SP-5 | Fill Allowance for south side of trail (Maintain 2% cross slope away from road) | 300 | CYD | \$ 15.00 | \$ 4,500.00 |
| SP-6 | Backfill Allowance for new conc. C& Gutter (6" x 3') | 150 | CYD | \$ 15.00 | \$ 2,250.00 |
| SP-7 | Conc. Curb and Gutter (Aggregate Base - 6" x 30" w)(2311 lf) | 180 | TONS | \$ 12.00 | \$ 2,160.00 |
| SP-8 | New Conc. Curb and Gutter north road edge of West Main St. | 1076 | LF | \$ 21.00 | \$ 22,596.00 |
| SP-9 | New Conc. Curb and Gutter south road edge of West Main St. | 1235 | LF | \$ 21.00 | \$ 25,935.00 |
| SUBTOTAL | | | | | \$ 113,541.00 |
| PAVEMENT STRIPING / MARKINGS | | | | | |
| R-1 | Pavement Marking, 4 inch white (1240 lf -for bike lane) | 1240 | LF | \$ 1.00 | \$ 1,240.00 |

VILLAGE OF HOMER TRAILWAYS PLAN
 - ENGINEERS ESTIMATE OF PROBABLE PROJECT COST-

| | | | | | |
|----------------------------------------|----------------------------------------------------------------------------------------------------|-----|-----|--------------|----------------------|
| R-2 | Pavement Marked Crossings | 2 | EA | \$ 300.00 | \$ 600.00 |
| SUBTOTAL | | | | | \$ 1,840.00 |
| LANDSCAPE | | | | | |
| L-1 | Perennials (1 gal.)(20 @ each crossing)(2crossings) (work by Village) | 40 | EA | \$ 13.00 | \$ 520.00 |
| L-2 | Mulch (3 inch thick) (Bark)(with Filter Fabric under) 4 cy per crossing (work by Village) | 8 | CYD | \$ 30.00 | \$ 240.00 |
| L-3 | Topsoil , Seed and Mulch (include disturbed edges of replaced walks)(2' each side) | 690 | SYD | \$ 3.00 | \$ 2,070.00 |
| L-4 | New Flowering Trees (2.5" cal) every -100' o.c. | 12 | EA | \$ 350.00 | \$ 4,200.00 |
| SUBTOTAL | | | | | \$ 7,030.00 |
| SITE AMENITIES / FURNITURE | | | | | |
| SF-1 | Signage - " Bikeway Route" (Match ones on 24.5 Mile Rd) | 2 | EA. | \$ 500.00 | \$ 1,000.00 |
| SUBTOTAL | | | | | \$ 1,000.00 |
| MISCELLANEOUS ITEMS | | | | | |
| M-1 | Erosion Control (Allowance) | 1 | LS | \$ 1,500.00 | \$ 1,500.00 |
| M-2 | Project Clean Up | 1 | LS | \$ 1,000.00 | \$ 1,000.00 |
| SUBTOTAL | | | | | \$ 1,500.00 |
| SUBTOTAL CONSTRUCTION ESTIMATE | | | | | \$ 139,246.00 |
| CONTINGENCY (5%) | | | | | \$ 13,924.60 |
| PARTICIPATING COSTS TOTAL = | | | | | \$ 153,170.60 |
| NON PARTICIPATING PROJECT COSTS | | | | | |
| NE-1 | Landscape Arch & Engineering Fees (8%) | 1 | LS | \$ 12,253.65 | \$ 12,253.65 |
| NE-2 | Construction Administration and Inspection Fees (Part Time) | 1 | LS | \$ 11,500.00 | \$ 11,500.00 |
| NE-3 | Survey Fee | 1 | LS | \$ 8,500.00 | \$ 7,500.00 |
| NON PARTICIPATING COSTS TOTAL | | | | | \$ 31,253.65 |