

2017 TIF PROJECTS
MADEIRA, OHIO



17006

Revised April 10, 2017

<u>Project</u>	<u>Cost</u>
<u>Camargo Road Watermain Replacements</u>	
Part A- Shawnee Run Road to Miami Ave Watermain Installation	\$ 575,000
Part B- Miami Avenue to Blome Watermain Installation	\$ 1,380,000
<u>Laurel Avenue Box Culvert</u>	\$ 925,000
<u>Camargo Road (Miami To Shawnee Run Road)- Part A</u>	\$ 710,000
<u>Camargo Road (Miami To Blome)- Part B</u>	\$ 1,785,000
<u>Miami Avenue Traffic Calming Improvements (Camargo to Euclid)</u>	\$ 660,000
<u>McDonald Commons Turf Improvements</u>	\$ 3,485,000



OPINION OF PROBABLE CONSTRUCTION COST
 CAMARGO ROAD WATERMAIN REPLACEMENTS
 MADERA, OHIO
 17006



10-Apr-17

Scope:

- 12" Watermain (Ductile Iron)
- Cost includes restoration

DESCRIPTION	QUANTITY	UNIT	COST	TOTAL
Part A- Shawnee Run Road to Miami Ave Watermain Installation	2,700	LF	\$ 175.00	\$ 472,500
			Sub-Total	\$ 472,500
			Contingency @ 10%	47,250
			Owner's Cost @ 10%	51,975
			Total Project Cost	\$ 571,725
			Round Off	\$ 575,000
Part B- Miami Avenue to Blome Watermain Installation	6,500	LF	175.00	\$ 1,137,500
			Sub-Total	\$ 1,137,500
			Contingency @ 10%	113,750
			Owner's Cost @ 10%	125,125
			Total Project Cost	\$ 1,376,375
			Round Off	\$ 1,380,000

OPINION OF PROBABLE CONSTRUCTION COST
LAUREL AVENUE BOX CULVERT
MADIERA, OHIO
17006



10-Apr-17

DESCRIPTION	QUANTITY	UNIT	COST	TOTAL
Clearing and Grubbing (Including Tree Removal)	1	LS	\$10,000	\$ 10,000
Guardrail Removed for Reuse or Storage	50	LF	10	500
Walk Removed	250	SF	5	1,250
Excavation	150	CY	10	1,500
Embankment	300	CY	15	4,500
Rock Channel Protection	100	CY	75	7,500
Concrete Walk	500	SF	10	5,000
Maintaining Traffic	1	LS	5,000	5,000
Mobilization	1	LS	15,000	15,000
Seeding and Mulching with Netting	1,000	SY	3	3,000
Slope Stability (i.e. retaining wall, etc.)	1	LS	40,000	40,000
Cast-In-Place Concrete Culvert	300	LF	1,800	540,000
Remove Existing Headwall, Concrete Channel etc.	1	LS	30,000	30,000
Waterproofing, Restoration and Misc.	1	LS	30,000	30,000
			Sub-Total	\$ 693,250
			Contingency @ 20%	\$ 138,650
			Topo/Design/Inspection	\$ 83,190
			Geotechnical	\$ 6,000
			Right-of-Way/ Boundary Survey	\$ 5,000
			Total Project Cost	\$ 926,090
			Round Off	\$ 925,000

OPINION OF PROBABLE CONSTRUCTION COST
 CAMARGO ROAD (MIAMI TO SHAWNEE RUN ROAD)-
 MADERA, OHIO
 17006

DRAFT



BRANDSTETTER
 CARROLL INC

10-Apr-17

Scope:

- Sidewalk on south side of Camargo Road.
- Total length is approximately 2,700 LF.
- Pavers, Morrison to First Financial.
- Does not include relocation of existing utility poles.

DESCRIPTION	QUANTITY	UNIT	COST	TOTAL
Clearing and Grubbing	1	LS	\$ 20,000	\$ 20,000
Concrete Walk 5" Thick	9,000	SF	8.50	76,500
Fire Hydrant Relocation	5	EA	3,000	15,000
Handicap Ramp	9	EA	500	4,500
Remove and Replace Guardrail	400	LF	40	16,000
Seeding and Mulching	3,500	SY	2	7,000
Pavement Planing	9,000	SY	3	27,000
Asphalt Overlay (3")	800	CY	180	144,000
Catch Basin	10	EA	3,000	30,000
Storm Conduit	500	LF	100	50,000
Headwalls/Rip Rap	4	EA	2,500	10,000
Remove Existing Sidewalk	9,000	SF	3	27,000
Brick Band (3ft Wide)	1,600	SF	15	24,000
Driveway Aprons	3,000	SF	12	36,000
Type 6 Curb	2,700	LF	20	54,000
Miscellaneous	1	LS	10,000	10,000
Curb Ramps	4	EA	500	10,000
			Sub-Total	\$ 561,000
			Contingency @ 15%	84,150
			Owner's Cost @ 10%	64,515
			Total Project Cost	\$ 709,665
			Round Off	\$ 710,000

**OPINION OF PROBABLE CONSTRUCTION COST
CAMARGO ROAD (MIAMI TO BLOME)- PART B
MADIERA, OHIO
17006**

DRAFT



**BRANDSTETTER
CARROLL INC**

10-Apr-17

Scope:

- Sidewalk on north side of Camargo Road.
- Total length is approximately 6,300 LF.
- Three foot wide brick band from Miami to Euclid.
- Does not include relocation of existing utility poles.
- Storm Conduit includes replace 1,500 LF of existing.

DESCRIPTION	QUANTITY	UNIT	COST	TOTAL
Clearing and Grubbing	1	LS	\$ 10,000	\$ 10,000
Concrete Walk 5" Thick, 5ft wide	30,000	SF	8.50	255,000
Fire Hydrant Relocation	8	EA	3,000	24,000
Handicap Ramp	22	EA	1,000	22,000
Remove and Replace Guardrail	150	LF	40	6,000
Seeding and Mulching	7,000	SY	2	14,000
Pavement Planing	17,500	SY	3	52,500
Asphalt Overlay (3")	1,500	CY	180	270,000
Catch Basin	20	EA	3,000	60,000
Storm Conduit	3,000	LF	100	300,000
Remove Existing Sidewalk	3,000	SF	3	9,000
Brick Band (3ft Wide)	9,000	SF	15	135,000
Driveway Aprons	6,000	SF	12	72,000
Culvert Extension	1	LS	25,000	25,000
Type 6 Curb (North Side)	6,500	LF	20	130,000
Curb Ramps	16	EA	500	8,000
Driveway Adjustments Allowance	1	EA	10,000	10,000
Miscellaneous	1	EA	10,000	10,000
			Sub-Total	\$ 1,412,500
			Contingency @ 15%	211,875
			Owner's Cost @ 10%	162,438
			Total Project Cost	\$ 1,786,813
			Round Off	\$ 1,785,000

OPINION OF PROBABLE CONSTRUCTION COST
 MIAMI AVENUE TRAFFIC CALMING IMPROVEMENTS
 CAMARGO ROAD TO EUCLID ROAD
 MADEIRA, OHIO
 17006



DRAFT

10-Apr-17

Scope:

- New curb.
- Total length is approximately 1,800 LF.
- New sidewalks.
- Does not include relocation of existing utility poles.
- Turn lane additions at signalized intersections.

DESCRIPTION	QUANTITY	UNIT	COST	TOTAL
Concrete Walk at Bump Outs	1,000	SF	\$ 10	\$ 10,000
Pavers at Bump Outs	400	SF	20	8,000
Pavement Planing	10,000	SY	3	30,000
Asphalt Overlay (3")	1,000	CY	185	185,000
Catch Basin Reconstruction	8	EA	2,000	16,000
Remove Existing Curb	150	LF	5	750
Type 6 Curb at Bump Outs	400	LF	25	10,000
New Catch Basins	6	EA	3,000	18,000
Storm Pipe	400	LF	110	44,000
Intersection Turn Lane and Signal Improvements	4	EA	50,000	200,000
			Sub-Total	\$ 521,750
			Contingency @ 15%	78,263
			Owner's Cost @ 10%	60,001
			Total Project Cost	\$ 660,014
			Round Off	\$ 660,000

**DRAFT OPINION OF PROBABLE CONSTRUCTION COST
MCDONALD COMMONS TURF IMPROVEMENTS
MADEIRA, OHIO
17006**

DRAFT



**BRANDSTETTER
CARROLL INC**

28-Mar-17

Scope:

- Remove existing grass soccer and baseball fields
- Install artificial turf fields with underdrain, gravel base, carpet and infill (rubber and/or sand)

DESCRIPTION	QUANTITY	UNIT	COST	TOTAL
Turf Field	306,000	SF	\$ 9	\$ 2,754,000
			Sub-Total	\$ 2,754,000
			Contingency @ 15%	413,100
			Owner's Cost @ 10%	316,710
			Total Project Cost	\$ 3,483,810
			Round Off	\$ 3,485,000