



WIER & ASSOCIATES, INC.

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

DATE: January 6, 2025

CLIENT: City of Mansfield

PROJECT: Dick Price Road

W&A JOB NO: 24089

ITEM NO.	DESCRIPTION OF ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	COST
I	PAVING				
101	Unclassified Roadway Excavation	4,100	CY	\$25.00	\$102,500.00
102	Right-of-way Preparation	17.5	STA	\$7,000.00	\$122,500.00
103	Remove Exist. 15" to 18" CMP	30	LF	\$30.00	\$900.00
104	Remove Exist. Wire/Wood/Chain Link Fence	770	LF	\$8.00	\$6,160.00
105	Remove Building Structures & Foundations	1	LS	\$75,000.00	\$75,000.00
106	10" Flexible Base	1,076	SY	\$55.00	\$59,180.00
107	12" Lime Stabilized Subgrade (54 lbs/SY)	7,096	SY	\$10.00	\$70,960.00
108	Hydrated Lime	191.6	TON	\$385.00	\$73,766.00
109	7" Reinforced Concrete Street Pavement	2,520	SY	\$90.00	\$226,800.00
110	9" Reinforced Concrete Street Pavement	4,145	SY	\$100.00	\$414,500.00
111	4" Type B HMAC Transition Pavement per City Std. Detail	1,026	SY	\$45.00	\$46,170.00
112	2" Type D HMAC Transition Pavement per City Std. Detail	1,026	SY	\$20.00	\$20,520.00
113	5' Wide 4" Thick Reinforced Concrete Sidewalk	730	SY	\$75.00	\$54,750.00
114	Barrier Free Ramps	8	EA	\$2,500.00	\$20,000.00
115	Pavestone Median Cap	100	SY	\$220.00	\$22,000.00
116	Pavement Header	125	LF	\$50.00	\$6,250.00
117	Place 4" Topsoil on Medians, Parkways & Slopes	6,870	SY	\$7.00	\$48,090.00
118	Sod	960	SY	\$8.00	\$7,680.00
119	Hydromulch Seed Parkways, Medians & Slopes	5,910	SY	\$3.00	\$17,730.00
120	4" Sch. 40 PVC Grey Electrical Conduit	1,137	LF	\$15.00	\$17,055.00
121	Street Light Foundation	7	EA	\$2,500.00	\$17,500.00
122	Type C Pullbox (Street Light)	4	EA	\$1,800.00	\$7,200.00
123	6" SDR Type "A" Perforated Pipe Sub-drain	1,073	LF	\$50.00	\$53,650.00
124	Sub-Drain Clean-out	4	EA	\$225.00	\$900.00
125	4" 2-Way White Amber RPM (RS2A)	102	EA	\$9.00	\$918.00
126	4" Yellow Type AY Non-Reflective RPM	482	EA	\$5.00	\$2,410.00
127	4" 2-Way White RPM (RSWR)	82	EA	\$9.00	\$738.00
128	4" White Type A Non-Reflective RPM	210	EA	\$5.00	\$1,050.00
129	24" Type I Thermoplastic Stop Bar	162	LF	\$6.00	\$972.00
130	Type I Thermoplastic Intersection Crosswalk (24"x8')	12	EA	\$100.00	\$1,200.00
131	Type I Thermoplastic Right or Left Turn Arrow	6	EA	\$250.00	\$1,500.00
132	Type I Thermoplastic Word	5	EA	\$200.00	\$1,000.00
133	6" Type II Thermoplastic White Edge Line	1,550	LF	\$2.00	\$3,100.00
134	8" Type II Thermoplastic White Line	150	LF	\$3.00	\$450.00
135	6" Type II Thermoplastic Yellow Line	1,950	LF	\$2.00	\$3,900.00
136	Main Street Traffic Signal	1	LS	\$450,000.00	\$450,000.00
137	Erosion Control Measures	1	LS	\$20,000.00	\$20,000.00
138	Traffic Control Measures	1	LS	\$15,000.00	\$15,000.00
	SUBTOTAL				\$1,993,999.00
II	DRAINAGE				
201	18" R.C.P. Storm Drain Pipe Class III	120	LF	\$130.00	\$15,600.00
202	21" R.C.P. Storm Drain Pipe Class III	160	LF	\$140.00	\$22,400.00
203	30" R.C.P. Storm Drain Pipe Class III	10	LF	\$220.00	\$2,200.00
204	36" R.C.P. Storm Drain Pipe Class III	85	LF	\$250.00	\$21,250.00
205	42" R.C.P. Storm Drain Pipe Class III	40	LF	\$320.00	\$12,800.00
206	6'x4' Box Culvert	185	LF	\$850.00	\$157,250.00
207	10' Std. Curb Inlet	4	EA	\$8,000.00	\$32,000.00
208	15' Rec. Curb Inlet	2	EA	\$11,500.00	\$23,000.00
209	4'x4' Drop Inlet	1	EA	\$8,000.00	\$8,000.00

ITEM NO.	DESCRIPTION OF ITEM	TOTAL QUANTITY	UNIT	UNIT PRICE	COST
210	6'x6' Drop Inlet	1	EA	\$17,000.00	\$17,000.00
211	21" SETP-CD Headwall	1	EA	\$3,000.00	\$3,000.00
212	6'x4' SW-0 Headwall	1	EA	\$9,500.00	\$9,500.00
213	12" Grouted Rock Riprap	70	SY	\$80.00	\$5,600.00
214	Trench Safety	600	LF	\$2.00	\$1,200.00
SUBTOTAL					\$330,800.00
TOTAL CONSTRUCTION					\$2,324,799.00
10% CONTINGENCY					\$232,479.90
TOTAL PROJECT COST					\$2,557,278.90
DESIGN FEE RATE PER CURVE A					7.05%
ENGINEERING DESIGN FEE					\$180,000.00

Since the design professional has no control over the cost of labor, materials, or equipment, or over the contractor's method of determining prices, or over the competitive bidding or market conditions, his opinions of probable cost provided for herein are to be made on the basis of his experience and qualifications. These opinions represent his best judgment as a design professional familiar with the construction industry. However, the design professional can not and does not guarantee that proposals, bids, or construction cost will not vary from the opinions of probable cost he has prepared. If the owner wishes greater assurance as to the construction cost, he shall employ an independent cost estimator.

Prepared by _____ PLG _____

Checked by: _____