

**RE: Project Scope and Rough Estimate Sheets**

**From** Andy Zimmer <azimmer@msa-ps.com>  
**Date** Fri 2024-10-11 2:21 PM  
**To** Jasen Glasbrenner <jasen.glasbrenner@richlandcenterwi.gov>  
**Cc** Zach Adams <zadams@msa-ps.com>

📎 1 attachments (3 MB)  
City of Richland Center\_2025 Public Works Estimates.pdf;

Jasen,

Attached for your review, please find the itemized estimates with scope descriptions for each of the projects listed in the table below. Each of the estimates are based on recent pricing nuanced with experience. Each of the estimates includes 10% contingencies and 15% engineering. As shown, the total estimated project costs range from \$291,412 for basic construction to \$377,165 with contingencies and engineering. Depending on the number of projects considered in the budget and how they are packaged and bid, contingency and engineering costs will vary based on the total scope of work.


For example, the Ithaca Road Trailhead Driveway project it would be difficult for MSA to design and bid the project for the engineering cost shown but becomes much more feasible when packaged with another project. Also, consider grouping projects of similar construction type together for better economy of scale. For example, the Ithaca Road and Lincoln Street projects both propose a double seal coat surface. The unit price for seal coat as shown in the estimate becomes much more achievable if the seal coating for each project is completed in the same bid package.

Note the Lincoln Street project is estimated with a double sealcoat wear surface. Substituting a single 2.5" mat of asphalt pavement would add approximately \$6000 to \$7000 to the estimate.

Project	Estimated Cost			
	Construction	Contingencies	Engineering	Total
Sunny Lane	\$ 85,724	\$ 8,572	\$ 14,140	\$ 108,436
Hillside Drive	\$ 37,812	\$ 3,781	\$ 6,240	\$ 47,833
Emelia Street	\$ 67,395	\$ 6,740	\$ 11,130	\$ 85,265
Lincoln Street	\$ 74,013	\$ 14,803	\$ 13,330	\$ 102,146
Ithaca Road Trailhead	\$ 26,468	\$ 2,647	\$ 4,370	\$ 33,485
<b>Totals</b>	<b>\$ 291,412</b>	<b>\$ 36,543</b>	<b>\$ 49,210</b>	<b>\$ 377,165</b>

Upon initial review, please contact me with any questions you may have or any additional information may need.

Sincerely,  
Andy



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# BUDGETARY ESTIMATE OF PROBABLE COSTS

## SUNNY LANE ROADWAY IMPROVEMENTS

RICHLAND CENTER, WI

DATE: 10/11/2024

ESTIMATE YEAR: **2024**

MSA PROJECT #: 00013086

CONSTRUCTION YEAR: **2025**

**Project Description:**

Pulverize and repave approximately 780 feet of existing street including terminal loop. Work includes clearing and grubbing of trees impacting curb and pavement, spot repair of existing curb and gutter, add carlson curb along the inside and outside of the loop. Estimate assumes a single 2.5 inch thick mat of pavement.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	Mobilization, Bonds, & Insurance	1	LS	\$15,000.00	\$ 15,000
2	Traffic Control	1	LS	\$1,500.00	\$ 1,500
3	Clearing & Grubbing	5	EA	\$1,000.00	\$ 5,000
4	Erosion Control	1	LS	\$1,500.00	\$ 1,500
5	Turf Restoration	1	LS	\$3,500.00	\$ 3,500
6	Pulverize Existing Pavement & Base	1750	SY	\$3.00	\$ 5,250
7	Excavation Below Subgrade (EBS)	100	CY	\$50.00	\$ 5,000
8	Supplemental Dense Graded Base, 1-1/4-inch	100	TON	\$26.00	\$ 2,600
9	Fine Grading Roadway	1750	SY	\$5.00	\$ 8,750
10	Asphaltic Concrete Pavement, 2-1/2 Inch	260	TON	\$95.00	\$ 24,700
11	Asphaltic Carlson Curb	462	LF	\$2.00	\$ 924
12	24 Inch Concrete Curb & Gutter, Spot Repair	200	LF	\$60.00	\$ 12,000
<i>ESTIMATED CONSTRUCTION SUBTOTAL</i>					\$ 85,724
Contingency 10%					\$ 8,572
<i>ESTIMATED CONSTRUCTION COST ( 2025 )</i>					\$ 94,296
Engineering and Administration					\$ 14,140
<b>TOTAL ESTIMATED PROJECT COST:</b>					<b>\$ 108,436</b>



# BUDGETARY ESTIMATE OF PROBABLE COSTS

## HILLSIDE DRIVE STREET EXTENSION

RICHLAND CENTER, WI

DATE: 10/11/2024

MSA PROJECT #: 00013086

ESTIMATE YEAR: **2024**

CONSTRUCTION YEAR: **2025**

**Project Description:**

Extend existing street approximately 110 feet with hammerhead maintenance turnaround. Work includes retaining wall construction at street termini.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	Mobilization, Bonds, & Insurance	1	LS	\$2,000.00	\$ 2,000
2	Traffic Control	1	LS	\$500.00	\$ 500
3	Erosion Control	1	LS	\$500.00	\$ 500
4	Turf Restoration	1	LS	\$2,500.00	\$ 2,500
5	Unclassified Excavation	1	LS	\$4,000.00	\$ 4,000
6	Excavation Below Subgrade (EBS)	10	CY	\$50.00	\$ 500
7	Dense Graded Base, 1-1/4-inch	130	TON	\$20.00	\$ 2,600
8	Fine Grading Roadway	356	SY	\$2.00	\$ 712
9	Asphaltic Concrete Pavement, 3-1/2 Inch	100	TON	\$95.00	\$ 9,500
10	24 Inch Concrete Curb & Gutter	200	LF	\$20.00	\$ 4,000
11	Retaining Wall	200	SF	\$55.00	\$ 11,000
<i>ESTIMATED CONSTRUCTION SUBTOTAL</i>					\$ 37,812
Contingency 10%					\$ 3,781
<i>ESTIMATED CONSTRUCTION COST ( 2025 )</i>					\$ 41,593
Engineering & Administration					\$ 6,240
<b>TOTAL ESTIMATED PROJECT COST:</b>					<b>\$ 47,833</b>



# BUDGETARY ESTIMATE OF PROBABLE COSTS

## EMELIA STREET ROADWAY IMPROVEMENTS

RICHLAND CENTER, WI

DATE: 10/11/2024

MSA PROJECT #: 00013086

ESTIMATE YEAR: 2024

CONSTRUCTION YEAR: 2025

**Project Description:**

Widen approximately 380 feet of existing 18 foot wide gravel surface to 27 feet and construct a hammerhead turnaround. Remove approximately 80 feet of existing pavement, remove and replace existing concrete waterway at Snyder Drive. Pave existing and widened portion with 3.5" of asphaltic concrete pavement with Carlson Curb tapered to meet existing concrete curb and gutter. Estimate does not include utility service laterals to vacant lots.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	Mobilization, Bonds, & Insurance	1	LS	\$10,000.00	\$ 10,000
2	Traffic Control	1	LS	\$1,500.00	\$ 1,500
3	Clearing & Grubbing	1	LS	\$1,000.00	\$ 1,000
4	Erosion Control	1	LS	\$2,000.00	\$ 2,000
5	Turf Restoration	1	LS	\$2,500.00	\$ 2,500
6	Asphalt Pavement Removal	350	SY	\$4.00	\$ 1,400
7	Unclassified Excavation	1	LS	\$4,500.00	\$ 4,500
8	Dense Graded Base, 1-1/4-inch	435	TON	\$18.00	\$ 7,830
9	Fine Grading Roadway	1500	SY	\$2.00	\$ 3,000
10	Adjust Existing Sanitary Manhole	1	EA	\$500.00	\$ 500
11	Adjust Existing Valve Box	1	EA	\$300.00	\$ 300
12	Asphaltic Concrete Pavement, 3-1/2 Inch	295	TON	\$95.00	\$ 28,025
13	Asphaltic Concrete Curb	720	LF	\$2.00	\$ 1,440
14	8 Inch Concrete Waterway	200	SF	\$17.00	\$ 3,400
<i>ESTIMATED CONSTRUCTION SUBTOTAL</i>					\$ 67,395
Contingency 10%					\$ 6,740
<i>ESTIMATED CONSTRUCTION COST ( 2025 )</i>					\$ 74,135
Engineering & Administration					\$ 11,130
<b>TOTAL ESTIMATED PROJECT COST:</b>					<b>\$ 85,265</b>



# BUDGETARY ESTIMATE OF PROBABLE COSTS

## LINCOLN STREET DRAINAGE AND ROADWAY IMPROVEMENTS

RICHLAND CENTER, WI

DATE: 10/11/2024

MSA PROJECT #: 00013086

ESTIMATE YEAR: 2024

CONSTRUCTION YEAR: 2025

**Project Description:**

Drainage and maintenance improvements within Larson Street right-of-way between S. James Street and S. Sheldon Street. Install storm sewer from Sheldon Street to Pierson driveway. Remove and replace concrete flume at James Street and add concrete gutter on south side of existing gravel surface. Supplement base and shape to provide drainage to new area drain and provide double chip seal driving surface.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	Mobilization, Bonds, & Insurance	1	LS	\$15,000.00	\$ 15,000
2	Traffic Control	1	LS	\$2,000.00	\$ 2,000
3	Clearing & Grubbing	1	LS	\$1,000.00	\$ 1,000
4	Erosion Control	1	LS	\$3,000.00	\$ 3,000
5	Turf Restoration	1	LS	\$4,500.00	\$ 4,500
6	Unclassified Excavation	1	LS	\$3,000.00	\$ 3,000
7	Excavation Below Subgrade (EBS)	20	CY	\$50.00	\$ 1,000
8	Dense Graded Base, 1-1/4-inch	50	TON	\$20.00	\$ 1,000
9	Fine Grading Roadway	525	SY	\$4.00	\$ 2,100
10	Double Chip Seal	525	SY	\$10.00	\$ 5,250
11	Concrete Gutter	180	LF	\$20.00	\$ 3,600
12	8 Inch Concrete Waterway	39	SF	\$17.00	\$ 663
13	4 Inch Concrete Sidewalk	240	SF	\$10.00	\$ 2,400
14	Storm Inlet, 2' x 3'	2	EA	\$4,000.00	\$ 8,000
15	Storm Area Drain Inlet	2	EA	\$4,000.00	\$ 8,000
16	Concrete Headwall and Slope Paving	1	LS	\$3,000.00	\$ 3,000
17	Storm Sewer, 15 Inch HDPE	150	LF	\$70.00	\$ 10,500
<i>ESTIMATED CONSTRUCTION SUBTOTAL</i>					\$ 74,013
Contingency 20%					\$ 14,803
<i>ESTIMATED CONSTRUCTION COST ( 2025 )</i>					\$ 88,816
Engineering & Administration					\$ 13,330
<b>TOTAL ESTIMATED PROJECT COST:</b>					<b>\$ 102,146</b>



# BUDGETARY ESTIMATE OF PROBABLE COSTS

## ITHACA ROAD TRAILHEAD DRIVEWAY AND PARKING AREA IMPROVEMENTS

RICHLAND CENTER, WI

DATE: 10/11/2024

ESTIMATE YEAR: **2024**

MSA PROJECT #: 00013086

CONSTRUCTION YEAR: **2025**

**Project Description:**

Provide drainage and maintenance improvements to Miner Hills Trail access from Ithaca Road. Proposed scope of work includes removal of existing guard rail, install curb and gutter at rail face to contain driveway runoff and prevent erosion. Construct a parking area sized for 3 vehicles. Supplement existing driveway base material, finish grade and apply a double chip seal driving surface. Reinstall existing guard rail upon completion of work.

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	Mobilization, Bonds, & Insurance	1	LS	\$2,000.00	\$ 2,000
2	Traffic Control	1	LS	\$1,000.00	\$ 1,000
3	Remove & Reinstall Existing Guard Rail	165	LF	\$12.00	\$ 1,980
4	Erosion Control	1	LS	\$1,000.00	\$ 1,000
5	Turf Restoration	1	LS	\$2,000.00	\$ 2,000
6	Unclassified Excavation	1	LS	\$5,000.00	\$ 5,000
7	Excavation Below Subgrade (EBS)	10	CY	\$50.00	\$ 500
8	Dense Graded Base, 1-1/4-inch	125	TON	\$20.00	\$ 2,500
9	Fine Grading Roadway	320	SY	\$4.00	\$ 1,280
10	Double Chip Seal	320	SY	\$10.00	\$ 3,200
11	24 Inch Concrete Curb & Gutter	200	LF	\$25.00	\$ 5,000
12	6 Inch Driveway Apron	126	SF	\$8.00	\$ 1,008
<i>ESTIMATED CONSTRUCTION SUBTOTAL</i>					\$ 26,468
Contingency 10%					\$ 2,647
<i>ESTIMATED CONSTRUCTION COST ( 2025 )</i>					\$ 29,115
Engineering & Administration					\$ 4,370
<b>TOTAL ESTIMATED PROJECT COST:</b>					<b>\$ 33,485</b>

