

Option #2

Engineer's Estimate

Whippoorwill Road Cul-de-sac Bulb, Design Option #2
 Town of Springfield
 Dane County, Wisconsin

2/1/2021

Prepared by: MSA Professional Services, Inc.

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE
GENERAL					
1.	Mobilization, Bonds & Insurance	1	LS	\$ 5,000.00	\$ 5,000.00
2.	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
3.	Clearing & Grubbing	1	LS	\$ 1,000.00	\$ 1,000.00
ROADWAY CONSTRUCTION					
4.	Unclassified Excavation, Place on-site	1,250	CY	\$ 6.50	\$ 8,125.00
5.	Excavation Below Subgrade (EBS)	25	CY	\$ 18.00	\$ 450.00
6.	Breaker Run for EBS	50	TON	\$ 14.00	\$ 700.00
7.	Crushed Aggregate Base Course	850	TON	\$ 15.00	\$ 12,750.00
8.	Gravel Shoulder, 2-Foot Width	20	TON	\$ 26.00	\$ 520.00
9.	Recycled Crushed Asphalt, 3.5-Inch Thick	230	TON	\$ 50.00	\$ 11,500.00
10.	Ditch Grading	440	LF	\$ 10.00	\$ 4,400.00
EROSION CONTROL & RESTORATION					
11.	Topsoil, Seed, Fertilize & Erosion Mat	850	SY	\$ 4.50	\$ 3,825.00
12.	Furnish, Install & Remove Silt Fence	410	LF	\$ 3.00	\$ 1,230.00
SUBTOTAL: ITEMS #1-12					\$ 51,500.00
13.	Contingency, Engineering & Administration (approx. 35%)				\$ 18,025.00
SUBTOTAL: ITEMS #1-13					\$ 69,525.00
Meinholz's Contribution Estimate:					
ALTERNATE COSTS					
14.	Unclassified Excavation, Haul off-site	1,250	CY	\$ 15.00	\$ 18,750.00
15.	Land Purchase	1	LS	\$ 13,400.00	\$ 13,400.00
	>> 21,830 SF + Est. Consulting Fees for Purchase				
SUBTOTAL: ITEMS #14-15					\$ 32,150.00

Option #3

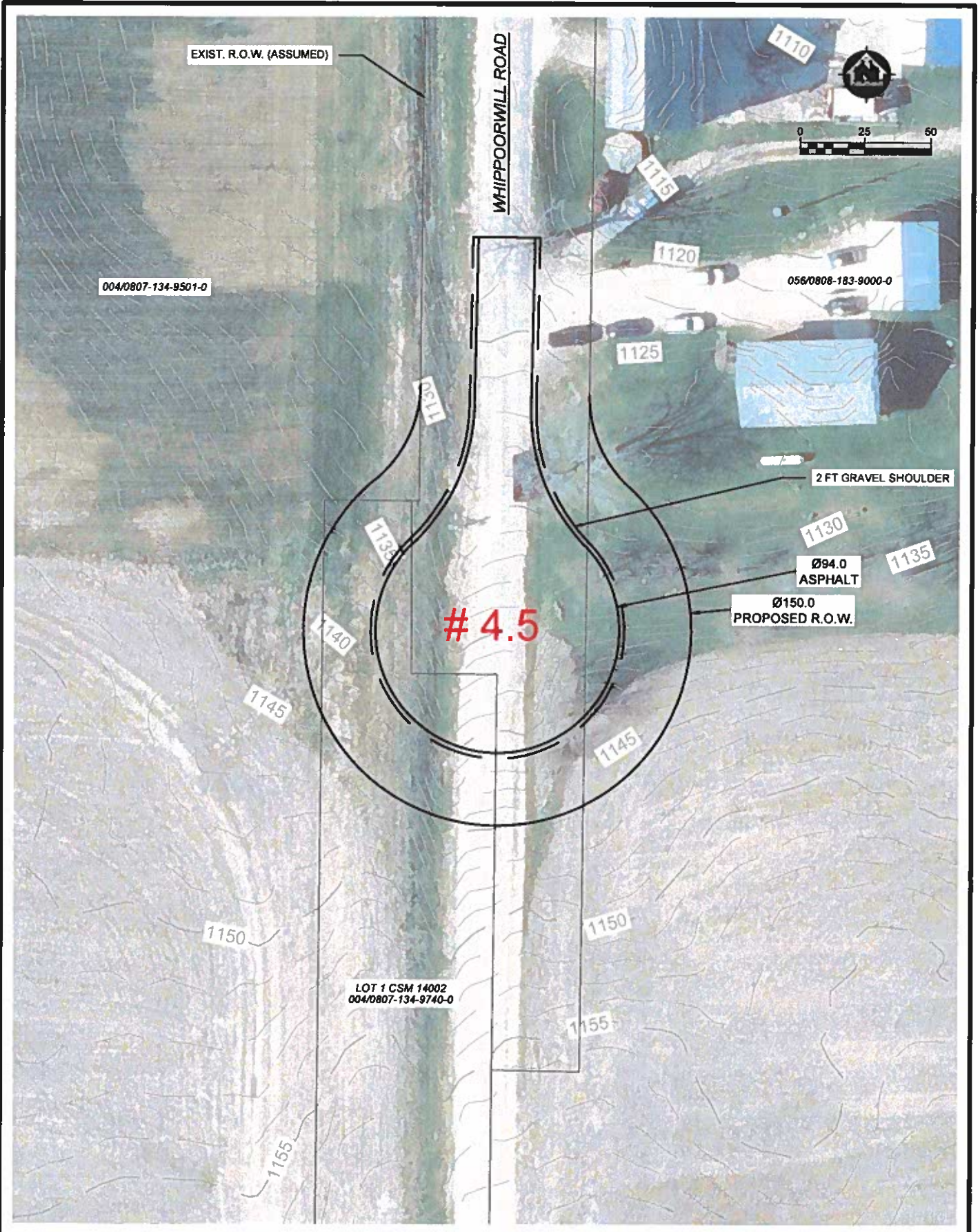
Engineer's Estimate

Whippoorwill Road Cul-de-sac Bulb, Design Option #3
 Town of Springfield
 Dane County, Wisconsin

2/1/2021

Prepared by: MSA Professional Services, Inc.

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE
GENERAL					
1.	Mobilization, Bonds & Insurance	1	LS	\$ 5,000.00	\$ 5,000.00
2.	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
3.	Clearing & Grubbing	1	LS	\$ 1,000.00	\$ 1,000.00
ROADWAY CONSTRUCTION					
4.	Unclassified Excavation, Place on-site	3,900	CY	\$ 6.50	\$ 25,350.00
5.	Excavation Below Subgrade (EBS)	16	CY	\$ 18.00	\$ 288.00
6.	Breaker Run for EBS	32	TON	\$ 14.00	\$ 448.00
7.	Crushed Aggregate Base Course	660	TON	\$ 15.00	\$ 9,900.00
8.	Gravel Shoulder, 2-Foot Width	15	TON	\$ 26.00	\$ 390.00
9.	Recycled Crushed Asphalt, 3.5-Inch Thick	180	TON	\$ 50.00	\$ 9,000.00
10.	Ditch Grading	365	LF	\$ 10.00	\$ 3,650.00
EROSION CONTROL & RESTORATION					
11.	Topsoil, Seed, Fertilize & Erosion Mat	1,440	SY	\$ 4.50	\$ 6,480.00
12.	Furnish, Install & Remove Silt Fence	320	LF	\$ 3.00	\$ 960.00
SUBTOTAL: ITEMS #1-12					\$ 64,466.00
13.	Contingency, Engineering & Administration (approx. 35%)				\$ 22,564.00
SUBTOTAL: ITEMS #1-13					\$ 87,030.00
Meinholz's Contribution Estimate:					
ALTERNATE COSTS					
14.	Unclassified Excavation, Haul off-site	3,900	CY	\$ 15.00	\$ 58,500.00
15.	Land Purchase	1	LS	\$ 10,900.00	\$ 10,900.00
	>> 16,170 SF + Est. Consulting Fees for Purchase				
SUBTOTAL: ITEMS #14-15					\$ 69,400.00



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WHIPPOORWILL RD
 TOWN OF SPRINGFIELD
 DANE COUNTY, WISCONSIN

CUL DE SAC - OPTION 6

FILE NO.
 00388050
 SHEET
 1

Option 4.5

Option 4.5

Engineer's Estimate

Whippoorwill Road Cul-de-sac Bulb, Design Option #6
 Town of Springfield
 Dane County, Wisconsin

3/9/2021

Prepared by: MSA Professional Services, Inc.

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE
GENERAL					
1.	Mobilization, Bonds & Insurance	1	LS	\$ 5,000.00	\$ 5,000.00
2.	Traffic Control	1	LS	\$ 2,000.00	\$ 2,000.00
3.	Clearing & Grubbing	1	LS	\$ 1,000.00	\$ 1,000.00
ROADWAY CONSTRUCTION					
4.	Unclassified Excavation, Place on-site	2,700	CY	\$ 6.50	\$ 17,550.00
5.	Excavation Below Subgrade (EBS)	20	CY	\$ 18.00	\$ 360.00
6.	Breaker Run for EBS	40	TON	\$ 14.00	\$ 560.00
7.	Crushed Aggregate Base Course	785	TON	\$ 15.00	\$ 11,775.00
8.	Gravel Shoulder, 2-Foot Width	20	TON	\$ 26.00	\$ 520.00
9.	Recycled Crushed Asphalt, 3.5-Inch Thick	210	TON	\$ 50.00	\$ 10,500.00
10.	Ditch Grading	460	LF	\$ 10.00	\$ 4,600.00
EROSION CONTROL & RESTORATION					
11.	Topsoil, Seed, Fertilize & Erosion Mat	2,140	SY	\$ 4.50	\$ 9,630.00
12.	Furnish, Install & Remove Silt Fence	400	LF	\$ 3.00	\$ 1,200.00
SUBTOTAL: ITEMS #1-12					\$ 64,695.00
13.	Contingency, Engineering & Administration (approx. 35%)				\$ 22,644.00
SUBTOTAL: ITEMS #1-13					\$ 87,339.00
ALTERNATE COSTS					
14.	Asphalt Pavement, 3.5-Inch Thick	245	TON	\$ 115.00	\$ 28,175.00
15.	Unclassified Excavation, Haul off-site	2,700	CY	\$ 15.00	\$ 40,500.00
16.	Land Purchase	1	LS	\$ 12,400.00	\$ 12,400.00
	>> 9,952 SF + Est. Consulting Fees for Purchase from 2 Parcels				
SUBTOTAL: ITEMS #14-16					\$ 81,075.00