



**RESOLUTION NO. 2020-005**

**A RESOLUTION  
AUTHORIZING THE VILLAGE'S SHARE OF DESIGN AND CONSTRUCTION  
COSTS FOR THE BASELINE ROAD LAFO AND THE CONCORD DRIVE LAFO  
PROJECTS**

Village of Montgomery

Location: Baseline Road (FAU 1680)  
Concord Drive (FAU 3789)

**WHEREAS**, the Village of Montgomery endeavors to improve a section of Baseline Road from US Route 30 to IL Route 31 that is approximately 0.86 miles in length and the Village of Montgomery endeavors to improve a section of Concord Drive from Gordon Road to Galena Road that is approximately 1.36 miles in length.

**WHEREAS**, the said projects will each include the design, construction, and construction engineering for the project as described.

**WHEREAS**, the Village has applied for Federal Funding through the Surface Transportation Program (STP) for Phase III Construction and Engineering.

**WHEREAS**, the federal fund source requires a match of local funds.

**WHEREAS**, the Village intends to provide local funds as needed for the entire cost of the Phase I and II Engineering and Right-of-Way for these projects.

**WHEREAS**, the Village intends to provide local funds as needed for the 25% match for the Phase III Construction and Engineering for these projects

**NOW, THEREFORE, BE IT RESOLVED** that the Village of Montgomery agrees to commit the funds required in the Kane/Kendall Council of Mayors' Surface Transportation Program (STP) Project Priority Methodology for its local share of the cost of the above-mentioned project, including all funds required for Phase I and Phase II Engineering and Right-of-Way.

**PASSED AND APPROVED** by the President and Board of Trustees of the Village of Montgomery, Kane and Kendall Counties, Illinois, this 13<sup>th</sup> day of April, 2020.

*M.T. Boy*

\_\_\_\_\_  
President of the Board of Trustees of the Village of Montgomery, Kane and Kendall Counties, Illinois

AYES: 6

NAYS: 0

ABSENT: 0



ATTEST: *Penny J. Peters*  
Clerk, Village of Montgomery

**PRELIMINARY COST ESTIMATE  
LAFO IMPROVEMENTS  
CONCORD DRIVE (FAU 3789)  
FROM GORDON ROAD TO GALENA ROAD  
7186 LF, 36' E-E ON AVERAGE  
VILLAGE OF MONTGOMERY, KANE & KENDALL COUNTIES, IL**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,200.0	\$ 10.00	\$ 12,000.00
2	SODDING, SALT TOLERANT	SQ YD	1,200.0	\$ 12.00	\$ 14,400.00
3	SUPPLEMENTAL WATERING	UNIT	10.0	\$ 50.00	\$ 500.00
4	BITUMINOUS MATERIALS (TACK COAT)	POUND	22,520.0	\$ 0.01	\$ 225.20
5	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	4,320.0	\$ 70.00	\$ 302,400.00
6	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	330.0	\$ 12.00	\$ 3,960.00
7	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	2,880.0	\$ 72.00	\$ 207,360.00
8	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11,975.0	\$ 7.00	\$ 83,825.00
9	DETECTABLE WARNINGS	SQ FT	990.0	\$ 25.00	\$ 24,750.00
10	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	33,360.0	\$ 3.00	\$ 100,080.00
11	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1,925.0	\$ 2.00	\$ 3,850.00
12	SIDEWALK REMOVAL	SQ FT	8,675.0	\$ 1.50	\$ 13,012.50
13	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	340.0	\$ 42.00	\$ 14,280.00
14	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	340.0	\$ 40.00	\$ 13,600.00
15	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	1,010.0	\$ 38.00	\$ 38,380.00
16	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,925.0	\$ 34.00	\$ 65,450.00
17	MOBILIZATION	L SUM	1.0	\$ 56,900.00	\$ 56,900.00
18	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	\$ 10,000.00	\$ 10,000.00
19	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1.0	\$ 5,000.00	\$ 5,000.00
20	CHANGEABLE MESSAGE SIGN	CAL DAY	120.0	\$ 40.00	\$ 4,800.00
21	PAVEMENT STRIPING	L SUM	1.0	\$ 5,000.00	\$ 5,000.00
22	BIKE PATH REMOVAL	SQ FT	3,300.0	\$ 2.00	\$ 6,600.00
23	BIKE PATH REMOVAL & REPLACEMENT	SQ YD	490.0	\$ 30.00	\$ 14,700.00
24	INLETS TO BE ADJUSTED	EACH	16.0	\$ 300.00	\$ 4,800.00
					\$ -
					\$ -
					<b>TOTAL CONSTRUCTION COSTS (A) \$ 1,005,872.70</b>

Cost estimates assumes 2.25" binder, 1.5" surface & 5% patching

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	<b>TOTAL CONSTRUCTION COSTS (A) - SEE FIRST SHEET</b>	<b>\$ 1,005,872.70</b>
	<b>CONTINGENCY (5%) (B=A*0.05)</b>	<b>\$ 50,300.00</b>
	<b>TOTAL CONSTRUCTION COST WITH CONTINGENCY AND 2% INFLATION UNTIL 2023 (C=A*1.02^8+B)</b>	<b>\$ 1,117,750.00</b>
	<b>PHASE II ENGINEERING (7%) (E = 0.07*C)</b>	<b>\$ 78,250.00</b>
	<b>RIGHT OF WAY (F)</b>	<b>\$ -</b>
	<b>PHASE III ENGINEERING AND MATERIAL TESTING (11%) (G=0.11*C)</b>	<b>\$ 122,960.00</b>
	<b>ESTIMATED PROJECT TOTAL (H = C+D+E+F+G)</b>	<b>\$ 1,318,960.00</b>

**PRELIMINARY COST ESTIMATE  
LAFO IMPROVEMENTS  
CONCORD DRIVE (FAU 3789)  
FROM GORDON ROAD TO GALENA ROAD  
7186 LF, 36' E-E ON AVERAGE  
VILLAGE OF MONTGOMERY, KANE & KENDALL COUNTIES, IL**

	Local Funding Percentage	STP Funding Percentage
Engineering - Phase I:	100%	0%
Engineering - Phase II:	100%	0%
ROW:	100%	0%
Engineering - Phase III:	25%	75%
Construction:	25%	75%

	Estimated Cost (enter most recent cost)	Funding Request	Projected Fiscal Year
Engineering - Phase I:	\$ -	\$ -	
Engineering - Phase II:	\$ 78,250.00	\$ -	FY 23
ROW:	\$ -	\$ -	
Engineering - Phase III:	\$ 122,960.00	\$ -	FY 24
Construction:	\$ 1,117,750.00	\$ 500,000.00	FY 24
Total:	\$ 1,318,960.00	\$ 500,000.00	

	Local Funding
Engineering - Phase I:	\$ -
Engineering - Phase II:	\$ 78,250.00
ROW:	\$ -
Engineering - Phase III:	\$ 122,960.00
Construction:	\$ 617,750.00
Total:	\$ 818,960.00

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**PRELIMINARY COST ESTIMATE  
LAFO IMPROVEMENTS  
BASELINE ROAD (FAU 1679)  
FROM IL ROUTE 31 TO US ROUTE 30  
4520 LF, 24' E-E ON AVERAGE  
VILLAGE OF MONTGOMERY, KANE & KENDALL COUNTIES, IL**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	BITUMINOUS MATERIALS (TACK COAT)	POUND	10,240.0	\$ 0.10	\$ 1,024.00
2	HOT-MIX ASPHALT BINDER COURSE, IL-19,0, N50	TON	1,970.0	\$ 70.00	\$ 137,900.00
3	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	330.0	\$ 15.00	\$ 4,950.00
4	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,310.0	\$ 72.00	\$ 94,320.00
5	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	15,170.0	\$ 3.00	\$ 45,510.00
6	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	252.0	\$ 200.00	\$ 50,400.00
7	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	160.0	\$ 42.00	\$ 6,720.00
8	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	460.0	\$ 40.00	\$ 18,400.00
9	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	920.0	\$ 38.00	\$ 34,960.00
10	AGGREGATE WEDGE SHOULDER, TYPE B	TON	310.0	\$ 50.00	\$ 15,500.00
11	MANHOLES TO BE ADJUSTED	EACH	8.0	\$ 1,000.00	\$ 8,000.00
12	MOBILIZATION	L SUM	1.0	\$ 25,900.00	\$ 25,900.00
13	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	\$ 10,000.00	\$ 10,000.00
14	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1.0	\$ 5,000.00	\$ 5,000.00
15	SHORT TERM PAVEMENT MARKING	FOOT	904.0	\$ 2.00	\$ 1,808.00
16	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	302.0	\$ 5.00	\$ 1,510.00
17	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	36.4	\$ 4.50	\$ 163.80
18	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12,352.0	\$ 0.60	\$ 7,411.20
19	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	82.0	\$ 1.50	\$ 123.00
20	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	114.0	\$ 5.00	\$ 570.00
21	RAISED REFLECTIVE PAVEMENT MARKER	EACH	154.0	\$ 40.00	\$ 6,160.00
22	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	154.0	\$ 15.00	\$ 2,310.00
23	CHANGEABLE MESSAGE SIGN	CAL DAY	60.0	\$ 40.00	\$ 2,400.00
					\$ -
					<b>TOTAL CONSTRUCTION COSTS (A) \$ 481,040.00</b>

Cost estimates assumes 2.25" binder, 1.5" surface & 10% patching

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	<b>TOTAL CONSTRUCTION COSTS (A) - SEE FIRST SHEET</b>	<b>\$ 481,040.00</b>
	<b>CONTINGENCY (7.5%) (B=A*0.075)</b>	<b>\$ 36,100.00</b>
	<b>TOTAL CONSTRUCTION COST WITH CONTINGENCY AND 2% INFLATION UNTIL 2024 (C=A*1.02^9+B)</b>	<b>\$ 556,800.00</b>
	<b>PHASE II ENGINEERING (7%) (E = 0.07*C)</b>	<b>\$ 39,000.00</b>
	<b>RIGHT OF WAY (F)</b>	<b>\$ -</b>
	<b>PHASE III ENGINEERING AND MATERIAL TESTING (11%) (G=0.11*C)</b>	<b>\$ 61,300.00</b>
	<b>ESTIMATED PROJECT TOTAL (H = C+D+E+F+G)</b>	<b>\$ 657,100.00</b>

**PRELIMINARY COST ESTIMATE  
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BASELINE ROAD (FAU 1679)  
FROM IL ROUTE 31 TO US ROUTE 30  
4520 LF, 24' E-E ON AVERAGE  
VILLAGE OF MONTGOMERY, KANE & KENDALL COUNTIES, IL**

	Local Funding Percentage	STP Funding Percentage
Engineering - Phase I:	100%	0%
Engineering - Phase II:	100%	0%
ROW:	100%	0%
Engineering - Phase III:	25%	75%
Construction:	25%	75%

	Estimated Cost (enter most recent cost)	Funding Request	Projected Fiscal Year
Engineering - Phase I:	\$ -	\$ -	
Engineering - Phase II:	\$ 39,000.00	\$ -	FY 19
ROW:	\$ -	\$ -	
Engineering - Phase III:	\$ 61,300.00	\$ 45,975.00	FY 20
Construction:	\$ 556,800.00	\$ 417,600.00	FY 20
Total:	\$ 657,100.00	\$ 463,575.00	

	Local Funding
Engineering - Phase I:	\$ -
Engineering - Phase II:	\$ 39,000.00
ROW:	\$ -
Engineering - Phase III:	\$ 15,325.00
Construction:	\$ 139,200.00
Total:	\$ 193,525.00

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