

# OPTION 1



3110 Woodcreek Drive  
Downers Grove, IL 60502  
O: 630.598.0007

**Project Name:** MacArthur Middle School Paving Improvements  
**Project Location:** Prospect Heights, IL  
**Date Prepared:** 10/28/2019  
**Engineer:** BPH

## CONCEPTUAL ENGINEER'S OPINION OF PROBABLE COST MILL & OVERLAY OF PARKING LOT

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	COST
<b>SCHEDULE I - EXCAVATION AND GRADING IMPROVEMENTS</b>					
1	Mobilization	1	LUMP SUM	\$5,000.00	\$5,000.00
2	Silt Fence	1,250	LF	\$2.50	\$3,125.00
3	Tree Protection Fence	250	LF	\$2.25	\$562.50
4	Inlet Protection	6	EACH	\$300.00	\$1,800.00
5	Construction Entrance	1	LUMP SUM	\$5,000.00	\$5,000.00
<b>TOTAL SCHEDULE I - EXCAVATION AND GRADING IMPROVEMENTS</b>					<b>\$15,487.50</b>
<b>SCHEDULE II - ON-SITE PAVEMENT IMPROVEMENTS</b>					
1	Existing Asphalt Surface Course Mill - 2" depth	9300	SY	\$3.50	\$32,550.00
2	Existing Pavement Haul-off	520	CY	\$30.00	\$15,600.00
3	Asphalt Surface Course Overlay - 2" Depth	9300	SY	\$13.00	\$120,900.00
4	Pavement Markings	1	LS	\$7,500.00	\$7,500.00
<b>TOTAL SCHEDULE II - ON-SITE ROADWAY IMPROVEMENTS</b>					<b>\$176,550.00</b>
<b>SUBTOTAL SCHEDULES I-III</b>					<b>\$192,037.50</b>
<b>CONTINGENCY @ 15%</b>					<b>\$28,805.63</b>
<b>TOTAL</b>					<b>\$220,843.13</b>

Note: The opinion of probable costs shown, and any resulting conclusions on project financial or economic feasibility or funding requirements, have been prepared for guidance in project evaluation and implementation from the information available at the time the opinion was prepared. The final costs of the project and resulting feasibility will depend on actual labor and material costs, competitive market conditions, actual site conditions, final project scope, implementation schedule, continuity of personnel and engineering, and other variable factors. As a result, the project costs will vary from the opinion of the probable costs presented herein.

# OPTION 2



3110 Woodcreek Drive  
Downers Grove, IL 60502  
O: 630.598.0007

**Project Name:** MacArthur Middle School Paving Improvements  
**Project Location:** Prospect Heights, IL  
**Date Prepared:** 11/26/2019  
**Engineer:** BPH

## CONCEPTUAL ENGINEER'S OPINION OF PROBABLE COST MILL & OVERLAY OF PARKING LOT

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	COST
<b>SCHEDULE I - EXCAVATION AND GRADING IMPROVEMENTS</b>					
1	Mobilization	1	LUMP SUM	\$5,000.00	\$5,000.00
2	Silt Fence	1,250	LF	\$2.50	\$3,125.00
3	Tree Protection Fence	250	LF	\$2.25	\$562.50
4	Inlet Protection	6	EACH	\$300.00	\$1,800.00
5	Construction Entrance	1	LUMP SUM	\$5,000.00	\$5,000.00
6	Excavation, Grading, & Undercuts	1	LUMP SUM	\$50,000.00	\$50,000.00
7	Backfill Curb	2,700	LF	\$1.00	\$2,700.00
<b>TOTAL SCHEDULE I - EXCAVATION AND GRADING IMPROVEMENTS</b>					<b>\$68,187.50</b>
<b>SCHEDULE II - ON-SITE PAVEMENT IMPROVEMENTS</b>					
1	Existing Asphalt Surface Course Mill - 2" depth	8885	SY	\$3.50	\$31,097.50
2	Existing Pavement Haul-off	800	CY	\$30.00	\$24,000.00
3	Asphalt Surface Course Overlay - 2" Depth	8885	SY	\$13.00	\$115,505.00
3	Full Depth Pavement Removal	415	SY	\$10.00	\$4,150.00
4	Pavement Markings	1	LS	\$7,500.00	\$7,500.00
5	Concrete Curb (Type M-4.12 or Ribbon Curb)	2700	LF	\$20.00	\$54,000.00
6	Stone Base & Binder Replacement in Undercut Areas	1	LUMP SUM	\$20,000.00	\$20,000.00
7	Heavy Duty Concrete Pavement (8" Concrete, 4" Base)	415	SY	\$75.00	\$31,125.00
8	PCC Sidewalk - 4" with Subbase	1240	SF	\$7.00	\$8,680.00
<b>TOTAL SCHEDULE II - ON-SITE ROADWAY IMPROVEMENTS</b>					<b>\$296,057.50</b>
<b>SUBTOTAL SCHEDULES I-III</b>					<b>\$364,245.00</b>
<b>CONTINGENCY @ 15%</b>					<b>\$54,636.75</b>
<b>TOTAL</b>					<b>\$418,881.75</b>

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# OPTION 3



3110 Woodcreek Drive  
Downers Grove, IL 60502  
O: 630.598.0007

**Project Name:** MacArthur Middle School Paving Improvements  
**Project Location:** Prospect Heights, IL  
**Date Prepared:** 10/23/2019  
**Engineer:** BPH

## CONCEPTUAL ENGINEER'S OPINION OF PROBABLE COST

NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	COST
<b>SCHEDULE I - EXCAVATION AND GRADING IMPROVEMENTS</b>					
1	Mobilization	1	LUMP SUM	\$5,000.00	\$5,000.00
2	Silt Fence	1,250	LF	\$2.50	\$3,125.00
3	Tree Protection Fence	2	LF	\$2.25	\$4.50
4	Inlet Protection	6	EACH	\$300.00	\$1,800.00
5	Concrete Washout	1	EACH	\$500.00	\$500.00
6	Construction Entrance	1	LUMP SUM	\$5,000.00	\$5,000.00
7	Backfill Curb	3,400	LF	\$1.00	\$3,400.00
8	6" Topsoil Respread and Seeding	1,500	SY	\$3.00	\$4,500.00
9	Clearing and Brush Removal	1	LS	\$5,000.00	\$5,000.00
10	Excavation, Grading, & Undercuts	1	LS	\$50,000.00	\$50,000.00
<b>TOTAL SCHEDULE I - EXCAVATION AND GRADING IMPROVEMENTS</b>					<b>\$78,329.50</b>
<b>SCHEDULE II - STORM SEWER IMPROVEMENTS</b>					
1	4" Perforated Pipe Underdrain	1,100	LF	\$22.00	\$24,200.00
2	Trench Backfill	180	LF	\$45.00	\$8,100.00
3	Cleanout	8	EACH	\$300.00	\$2,400.00
4	Connection to Existing Manhole	1	EACH	\$2,000.00	\$2,000.00
<b>TOTAL SCHEDULE II - STORM SEWER IMPROVEMENTS</b>					<b>\$36,700.00</b>
<b>SCHEDULE III - ON-SITE PAVEMENT IMPROVEMENTS</b>					
1	Subgrade Preparation - Fine Grading	5465	SY	\$1.50	\$8,197.50
2	Full Depth Pavement Removal	5000	SY	\$10.00	\$50,000.00
3	Existing Asphalt Surface & Binder Course Mill	4300	SY	\$5.00	\$21,500.00
4	Existing Pavement Haul-off	2300	CY	\$30.00	\$69,000.00
5	Full Depth Heavy Duty Asphalt (1.5" Surface, 3" Binder, 12" Base)	2800	SY	\$46.00	\$128,800.00
6	Full Depth Std. Duty Asphalt (1.5" Surface, 2" Binder, 10" Base)	400	SY	\$40.00	\$16,000.00
7	Asphalt Surface & Binder Course Overlay (2" Surface, 3" Binder)	4300	SY	\$31.00	\$133,300.00
8	Permeable Pavers	20250	SF	\$13.00	\$263,250.00
9	Permeable Pavers Stone Base (12" Average Depth)	2250	SY	\$18.00	\$40,500.00
10	Heavy Duty Concrete Pavement (8" Concrete, 4" Base)	415	SY	\$75.00	\$31,125.00
11	PCC Sidewalk - 4" with Subbase	1240	SF	\$7.00	\$8,680.00
12	Concrete Curb (Type M-4, 12 or Ribbon Curb)	3400	LF	\$20.00	\$68,000.00
13	Sawcut Pavement, Full Depth	100	LF	\$3.50	\$350.00
14	Pavement Markings	1	LS	\$7,500.00	\$7,500.00
15	Concrete Collars	5	EACH	\$1,000.00	\$5,000.00
<b>TOTAL SCHEDULE III - ON-SITE ROADWAY IMPROVEMENTS</b>					<b>\$851,202.50</b>
<b>SUBTOTAL SCHEDULES I-III</b>					<b>\$966,232.00</b>
<b>CONTINGENCY @ 10%</b>					<b>\$96,623.20</b>
<b>TOTAL</b>					<b>\$1,062,855.20</b>

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