

BACKBONE STATE PARK  
PAVEMENT PRESERVATION  
DELAWARE COUNTY, IOWA  
PROJECT NUMBER: 21-03-28-01

October 9, 2020

This Addendum is issued to modify, explain or correct the original Drawings and Specifications, and is hereby made a part of the Contract Documents. Please attach this Addendum to the Project Manual in your possession. Insert the number and issue date of this Addendum in the blank space provided on the Proposal Form.

**Plans:**

1. Sheet B.01 – HMA WIDENING DETAIL – TYPICAL, has been added.  
Use the attached B.01 sheet.

Sheet B.02 – SHOULDER DETAIL – TYPICAL, has been added.  
Use the attached B.02 sheet.

2. Sheet C.01 – ESTIMATED PROJECT QUANTITIES

Change ITEM NO. 2, 2102 – EXCAVATION, CLASS 10, ROADWAY AND BORROW, to 2102 - EXCAVATION, CLASS 13, ROADWAY AND BORROW.

Change ITEM NO. 6, 2301 – STD/S-F PCC PAV'T CL C CL 3, 6". 33.3 S.Y. to 2303 – Milled Header (HMA), 150 L.F.

Change ITEM NO. 7, 2303 – HOT MIX ASPHALT MIXTURE, COMMERCIAL MIX (INCLUDES ASPHALT BINDER), WIDENING, AS PER PLAN, from 114 TONS, to 136 TONS.

Change ITEM 18, PATCH, FULL-DEPTH FINISH, BY AREA, PCC from 33.3 S.Y. to 68.3 S.Y.

Change ITEM NO. 19, 2529 – PATCH, FULL-DEPTH FINISH, BY COUNT, PCC from quantity 10 to quantity 2.

Change ITEM NO. 25, 2544 - CRACK AND JOINT CLEANING AND SEALING (PAVEMENT MAINTENANCE), to 2541 - CRACK & JOINT CLEAN & SEAL (HMA SURF).

Change ITEM NO. 27, 2544 - SEALER MATERIAL (PAVEMENT MAINTENANCE), to 2541 - SEALER MATERIAL (HMA SURF).

Add ITEM NO. 29, HMA SAW CUT, 1346 L.F.

3. Sheet C.01 – ESTIMATE REFERENCE SECTION, DESCRIPTION

ITEM NO. 1

Change Item No. 1 from "A. 6" of rock at HMA and PCC patches." to "A. Place and compact 6" of Special Backfill under HMA/PCC patches and HMA widening."

ITEM NO. 2

Add B. Excavate 12" in HMA widening areas.

ITEM NO. 4

Change "Blade existing shoulder material down to drain water away from road." To "Grade existing shoulder material down to drain water away from road."

Add B. Shoulder area may be up to 15' wide.

Add C. Includes BOTH shoulders.

ITEM NO. 5

Change from "Mill 2-inches off existing surface. Place milling in Park at DNR Field Engineers direction." To "Profile mill a nominal 2-inches off existing surface. Remove millings from project site."

ITEMS NO. 6,7

Delete.

ITEM NO. 6

Add – Mill 2-inch header at bridge approaches and intersection with 132<sup>nd</sup> St.

ITEM NO. 7

Add – A. Areas/locations will be marked.

B. DOT approved source.

ITEM NO. 10

Add – B. A light application of sand, enough to prevent vehicle tracking, in campground areas is required, and will be incidental to this item.

ITEMS 17,19

Change to 18, 19

Add B. Areas/locations will be marked.

ITEM 29

Add – A. Saw and remove 6" of existing pavement at areas of HMA widening.

B. Remove from project site.

4. GENERAL NOTES SECTION

Delete – "NO WORK FROM 12 NOON FRIDAYS, UNTIL THE FOLLOWING MONDAY."

Add – Legal load limits are allowed on bridges and culverts, unless otherwise posted."

Sheet C.01 has been superseded by the attached sheet C.01.

5. Sheet C.02

HMA WIDENING quantities have been updated for 6 inches.

PATCH, PCC, 6" – 700+00, 35 S.Y. has been added

PATCH COUNT, PCC, 6' has been changed from 1 EACH to 2 EACH.

Sheet C.02 has been superseded by the attached sheet C.02.

Specifications:

1. PROPOSAL

Change ITEM NO. 2, 2102 – EXCAVATION, CLASS 10, ROADWAY AND BORROW, to 2102 - EXCAVATION, CLASS 13, ROADWAY AND BORROW.

Change ITEM NO. 6, 2301 – STD/S-F PCC PAV'T CL C CL 3, 6". 33.3 S.Y. to 2303 – MILLED HEADER (HMA), 150 L.F.

Change ITEM NO. 7, 2303 – HOT MIX ASPHALT MIXTURE, COMMERCIAL MIX (INCLUDES ASPHALT BINDER), WIDENING, AS PER PLAN, from 114 TONS, to 136 TONS.

Change ITEM 18, PATCH, FULL-DEPTH FINISH, BY AREA, PCC from 33.3 S.Y. to 68.3 S.Y.

Change ITEM NO. 19, 2529 – PATCH, FULL-DEPTH FINISH, BY COUNT, PCC from quantity 10 to quantity 2.

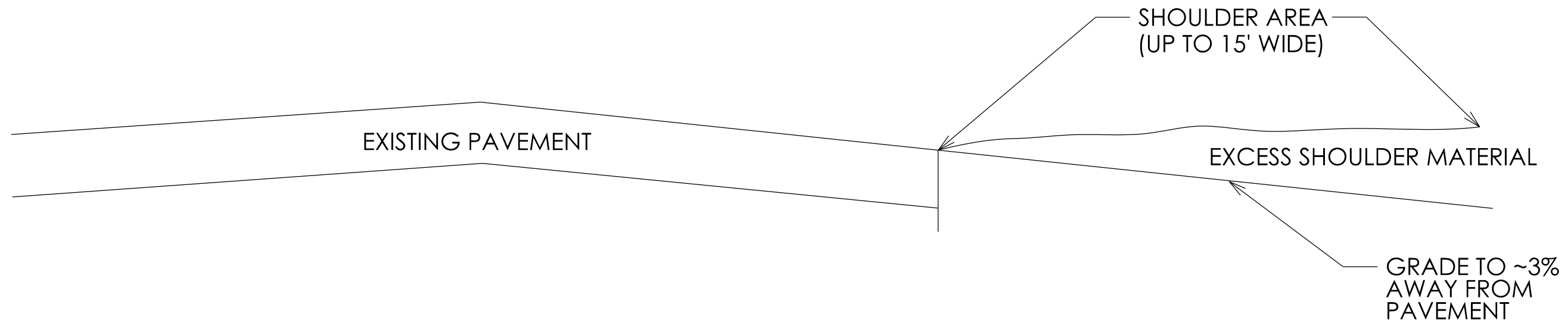
Change ITEM NO. 25, 2544 - CRACK AND JOINT CLEANING AND SEALING (PAVEMENT MAINTENANCE), to 2541 - CRACK & JOINT CLEAN & SEAL (HMA SURF).

Change ITEM NO. 27, 2544 - SEALER MATERIAL (PAVEMENT MAINTENANCE), to 2541 - SEALER MATERIAL (HMA SURF).

Add ITEM NO. 29, HMA SAW CUT, 1346 L.F.

Proposal 00300 (3 pages) has been superseded by the attached Proposal 00300 (3 pages).

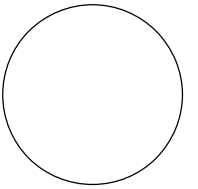




# SHOULDER DETAIL - TYPICAL

PAYMENT WILL BE FOR EACH STATION AND INCLUDES BOTH SHOULDERS

CONSULTANT:



**IOWA DEPARTMENT OF  
NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034

TYPICAL CROSS SECTIONS AND DETAILS

PAVEMENT PRESERVATION FOR:

**BACKBONE STATE PARK**

DELAWARE COUNTY

NO.	DATE	REVISION

DRAWN BY: BLF PROJECT NUMBER: 21-03-28-01

CHK'D BY: DATE: SEPT 2020

SHEET No:

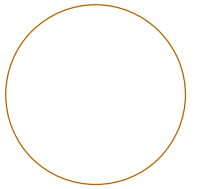
**B.02**

ESTIMATED PROJECT QUANTITIES			
ITEM NO.	ITEM	UNIT	TOTAL
1	2102 - SPECIAL BACKFILL	TONS	129
2	2102 - EXCAVATION, CLASS 10, ROADWAY AND BORROW	C.Y.	135
3	2121 - GRANULAR SHLD	TONS	45
4	2123 - SHOULDER FINISHING, EARTH	STA	52
5	2214 - PAVEMENT SCARIFICATION	S.Y.	3080
6	2303 - MILLED HEADER	L.F.	150
7	2303 - HOT MIX ASPHALT MIXTURE, COMMERCIAL MIX (INCLUDES ASPHALT BINDER), WIDENING, AS PER PLAN	TONS	136
8	2303 - HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT.	TONS	319
9	2303 - ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC.	TONS	17
10	2306 - BITUMINOUS FOG SEAL (HMA PAVEMENT)	GAL	3231
11	2416 - CULV, CONC RDWY PIPE, 18"	L.F.	30
12	2506 - FLOWABLE MORTAR	C.Y.	8
13	2507 - REVETMENT, CLASS E	TONS	40
14	2508 - REVETMENT, CLASS E, DITCH CHECK	TONS	90
15	2507 - EROSION STONE	TONS	15
16	2507 - MACADAM STONE	TONS	10
17	2528 - TRAFFIC CONTROL	L.S.	1
18	2529 - PATCH, FULL-DEPTH FINISH, BY AREA, PCC	S.Y.	68.3
19	2529 - PATCH, FULL-DEPTH FINISH, BY COUNT, PCC	EACH	2
20	2529 - PATCH, FULL-DEPTH FINISH, BY AREA, HMA	S.Y.	502
21	2529 - PATCH, FULL-DEPTH FINISH, BY COUNT, HMA	EACH	10
22	2533 - MOBILIZATION	L.S.	1
23	2540 - LONGITUDINAL JOINT REPAIR	L.F.	100
24	2543 - TRANSVERSE JOINT REPAIR	TONS	14
25	2541 - CRACK & JOINT CLEAN & SEAL (HMA SURF)	MILE	5.9
26	2544 - HOT MIX ASPHALT FOR CRACK FILLING	TONS	1
27	2541 - SEALER MATERIAL (HMA SURF)	LBS	2950
28	2601 - SEED+FERTILIZE (RURAL)	ACRE	2
29	HMA SAW CUT	L.F.	1346

ESTIMATE REFERENCE INFORMATION	
ITEM NO.	DESCRIPTION
1	A. Place and compact 6" of Special Backfill under HMA/PCC patches and HMA widening.
2	A. Overexcavate 6" of existing base under HMA and PCC repairs. B. Excavate 12" in HMA widening areas.
3	A. DOT approved source.
4	A. Grade existing shoulder material down to drain water away from road. B. Shoulder area may be up to 15' wide. C. Includes BOTH shoulders.
5	A. Profile mill 2-inches off existing surface. Remove millings from project site.
6	A. Mill 2-inch header at bridge approaches and intersection with 132nd St.
7	A. Areas/locations will be marked. B. DOT approved source.
8	A. Submit Job mix to Engineer for approval.
9	A. DOT approved source.
10	A. Dilute with water - 2 parts water: 1 part emulsion. Apply at 0.15 GAL/SY. B. A light application of sand, enough to prevent vehicle tracking, in campground areas is required, and will be incidental to this item.
11	A. DOT approved source. Remove old culvert from project.
12	A. Use to plug existing culverts.
13-16	A. DOT approved source.
18,19	A. DOT approved source. Dispose of removal off site. B. Areas/locations will be marked.
23	A. 2-foot wide, 3 - inches deep.
25	A. Seed and fertilize all disturbed areas. DOT approved source.
29	A. Saw and remove 6" of existing pavement at areas of HMA widening. B. Remove from project site.

GENERAL NOTES	
<p>Verify actual locations and elevations with DNR Engineer.</p> <p>All work shall conform to and be performed in accordance with all applicable codes and ordinances.</p> <p>The contractor shall visit the site and inspect the project area and thoroughly familiarize themselves with the actual job conditions prior to bidding and the start of work. Failure to visit the project site shall not relieve the contractor from performing the work in accordance to the plans, specification, special provisions and contract.</p> <p>The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the DNR Engineer of any discrepancies, omissions, and/or conflicts prior to proceeding with the work.</p> <p>It shall be the contractor's responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the DNR Engineer.</p> <p>The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of the DNR Engineer.</p> <p>Where utilities and fixtures are shown as Existing on the plans or encountered within the construction area, it shall be the responsibility of the contractor to notify the DNR Engineer of those utilities prior to the beginning of any construction. The contractor shall be afforded access to these facilities for necessary modification of services. Underground facilities, structures and utilities have been plotted from available surveys and records and therefore their locations must be considered approximate only. It is possible there may be others, the existence of which is presently not known or shown. It is the contractor's responsibility to determine their existence and exact location and to avoid damage thereto. No claims for additional compensation will be allowed to the contractor for any interference or delay caused by such work.</p> <p>The contractor shall shape graded area to maintain surface drainage. All elevations are to finish grade.</p> <p>The contractor is expected to have materials, equipment, and labor available on a daily basis to install and maintain erosion control features on the project. This may involve seeding, silt fence, rock ditch checks, silt basins or silt dikes.</p> <p>Legal load limits are allowed on bridges and culverts, unless otherwise posted.</p>	

CONSULTANT:



**IOWA DEPARTMENT OF NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034

QUANTITIES AND GENERAL INFORMATION

PAVEMENT PRESERVATION FOR:

BACKBONE STATE PARK

DELAWARE COUNTY

NO.	BY DATE	REVISION

DRAWN BY:	PROJECT NUMBER:
BLF	21-03-28-01

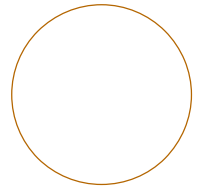
CHK'D BY:	DATE:
	SEPT 2020

SHEET NO:

**C.01**

SPECIAL BACKFILL	EXCAVATION, CLASS 10	SHOULDER FINISHING	WIDENING, HMA	FLOWABLE MORTAR	PATCH, HMA, 5"
7+25	7+25	1015+00 - 1067+00	7+25	10+00	2+50
9 TON	7.1 CY	52 STA	7.0 TON	2 C.Y.	5 X 75'
16+00	16+00		16+00	12+50	41.7 S.Y.
4.7 TON	5 CY	PAVEMENT SCARIFICATION	4.9 TON	2 C.Y.	3+00
100+00	100+00		100+00	13+75	16' X 60'
5.1 TON	4.7 CY	900+00 - 902+40	5.3 TON	2 C.Y.	106.7 S.Y.
105+16	105+16	640 SY	105+16	14+75	11+00
4.7 TON	5 CY	903+71 - 912+86	4.9 TON	2 C.Y.	15' X 60'
200+00	200+00	2440 SY	200+00	REVETMENT, CLASS E	100 S.Y.
7.9 TON	8.3 CY		8.2 TON	7+00	12+75
204+64	204+64	HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX,	204+64	40 TON	15' X 100'
5.3 TON	6.7 CY		300+00R	1232+50	166.7 S.Y.
300+00R	300+00R		900+00 - 902+40	15 TON	17+50
7.7 TON	5 CY	900+00 - 902+40	4.9 TON	1235+00	6' X 6'
300+00L	300+00L	640 SY	300+00L	15 TON	4.0 S.Y.
6.2 TON	5.7 CY	903+71 - 912+86	6.5 TON	1237+50	18+00
306+31	306+31	2440 SY	306+31	15 TON	8' X 8'
5.7 TON	6 CY		5.9 TON	1240+00	7.1 S.Y.
400+00R	400+00R	ASPHALT BINDER, PG 58 28H, HIGH TRAFFIC	400+00R	15 TON	18+50
1.6 TON	1.7 CY		900+00 - 902+40	1.6 TON	1245+00
400+00L	400+00L	900+00 - 902+40	400+00L	15 TON	1.8 S.Y.
1.6 TON	1.7 CY	3.5 TON	1.6 TON		20+00
405+68	405+68	903+71 - 912+86	405+68	EROSION STONE	3' X 9'
6.3 TON	6.7 CY	13.3 TON	6.5 TON	7+00	30 S.Y.
500+00R	500+00R		500+00R	15 TON	20+50
2.5 TON	2.2 CY	FOG SEAL	2.2 TON	MACADAM STONE	15' X 20'
500+00L	500+00L	0+00 36+12	500+00L	605+00	33.3 S.Y.
5.8 TON	6.1 CY	100+00 105+16	6.0 TON	10 TON	25+10
504+75	504+75	200+00 204+64	504+75	PATCH, PCC, 6"	3' X 30'
7.9 TON	8.3 CY	300+00 306+31	8.2 TON	700+00	10.0 S.Y.
700+00	700+00	400+00 405+68	700+00	35 S.Y.	
11 TON	11.7 CY	500+00 504+75	0	800+75	PATCH COUNT, HMA, 5"
702+50	702+50	600+00 608+56	702+50	33.3 S.Y.	
6.3 TON	6.7 CY	700+00 716+94	6.5 TON		10 EACH
704+75	704+75	800+00 802+06	704+75	PATCH COUNT, PCC, 6"	
6.3 TON	6.7 CY	1000+00 1067+64	6.5 TON	700+00	TRANSVERSE JOINT REPAIR
706+00	706+00	1100+00 1123+16	706+00	800+75	
9.9 TON	10.5 CY	1200+00 1352+85	10.3 TON	2 EACH	714+00
710+75	710+75	3231 GAL	710+75	TRANSVERSE JOINT REPAIR	715+00
18.4 TON	19.4 CY		19.0 TON		4 TON
800+00R	800+00R	18" CMP	800+00R	703+00	
2.1 TON	2.2 CY	21+00	2.6 TON	709+00	GRANULAR SHLD
800+00L	800+00L	30 L.F.	800+00L	709+50	608+00 - 608+56
8.8 TON	9.3 CY		10.9 TON	10 TON	45 TON

CONSULTANT:



**IOWA DEPARTMENT OF  
NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



QUANTITIES AND GENERAL INFORMATION

PAVEMENT PRESERVATION FOR:

BACKBONE STATE PARK

DELAWARE COUNTY

NO. BY DATE REVISION

DRAWN BY: PROJECT NUMBER:  
BLF 21-03-28-01

CHK'D BY: DATE:  
SEPT 2020

SHEET No:

**C.02**

Time and Date of Letting **11:00 AM, October 15, 2020**

**PROPOSAL**

Project Description and Location

Project No. **21-03-28-01**

**PAVEMENT PRESERVATION  
BACKBONE STATE PARK  
DELAWARE COUNTY, Iowa**

Proposal of: \_\_\_\_\_  
(Name of Bidder)

Located at: \_\_\_\_\_  
(Address) (Telephone include area code)

Amount of Proposal Guarantee	Specified completion date or Number of Working Days	Approx. or Specified Starting Date or Number of Working Days	Liquidated Damages Per Day
\$25,000.00	August 31, 2021	N/A	\$300.00

The undersigned hereby agrees, if awarded the contract, to execute the proposed contract and to furnish an approved performance bond in a amount not less than 100 percent of the contract award within 30 days after the date of approval of award of the contract, and to provide all labor, materials, and equipment required to complete the project designated above, for the price hereinafter set forth, in strict compliance with the contract documents prepared by the Iowa Department of Natural Resources.

The undersigned agrees, if awarded the contract, to commence the work within a reasonable time after the preconstruction conference or by the specific starting date, if so specified, and to complete the work within the contract period, or to pay liquidated damages in the amount stipulated herein for each calendar day the work remains uncompleted after the expiration of the contract period or any authorized reduction thereof.

A proposal guarantee in the amount stipulated herein is included with this proposal, to be forfeited to the Iowa Department of Natural Resources if the undersigned fails to execute the contract and furnish an approved performance bond, if awarded the contract.

By virtue of statutory authority, preference will be given to products and provisions grown and coal produced within the state of Iowa, and also, a resident bidder shall be allowed a preference against a nonresident bidder from a state or foreign country which gives or requires a preference to bidders from that state or foreign country on projects in which there are no federal funds involved.

BY

\_\_\_\_\_  
(Iowa Contractor Registration No.)

\_\_\_\_\_  
(Signed)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Phone Number)

\_\_\_\_\_  
(Fax Number)

\_\_\_\_\_  
(Email Address)

By signing and submitting the proposal, the bidder:

1. Gives an unsworn declaration on behalf of each person, firm, association, partnership, or corporation has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, and is not under debarment currently by the Federal government for a criminal violation which is reasonably related to bidding and contracting procedures; and



2. Affirms to have examined the plans, specifications, and job site to become acquainted with the adjacent areas, means of approach to the site, conditions of the actual job site, and the facilities for delivering, storing, placing, and handling of materials and equipment.

**SCHEDULE OF PRICES**

Project Description and Location

**PAVEMENT PRESERVATION, BACKBONE STATE PARK, DELAWARE COUNTY**

Name of Bidder

**THE "UNIT PRICE" AND "AMOUNT" COLUMNS MUST BE FILLED IN FOR THIS PROPOSAL TO BE CONSIDERED COMPLETE. IF THERE IS A DISCREPANCY BETWEEN UNIT BID PRICES, EXTENSIONS, OR TOTAL AMOUNTS OF BID, THE UNIT PRICES SHALL GOVERN.**

Item No.	Description	Estimated Quantity		Unit Price	Amount
1	2102 - SPECIAL BACKFILL	129	TONS		
2	2102 - EXCAVATION, CLASS 13, ROADWAY AND BORROW	135	C.Y.		
3	2121 - GRANULAR SHLD	45	TONS		
4	2123 - SHOULDER FINISHING, EARTH	52	STA		
5	2214 - PAVEMENT SCARIFICATION	3080	S.Y.		
6	2301 - MILLED HEADER	150	L.F.		
7	2303 - HOT MIX ASPHALT MIXTURE, COMMERCIAL MIX (INCLUDES ASPHALT BINDER), WIDENING, AS PER PLAN	136	TONS		
8	2303 - HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT.	319	TONS		
9	2303 - ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC.	17	TONS		
10	2306 - BITUMINOUS FOG SEAL (HMA PAVEMENT)	3231	GAL		
11	2416 - CULV, CONC RDWY PIPE, 18"	30	L.F.		
12	2506 - FLOWABLE MORTAR	8	C.Y.		
13	2507 - REVETMENT, CLASS E	40	TONS		
14	2508 - REVETMENT, CLASS E, DITCH CHECK	90	TONS		
15	2507 - EROSION STONE	15	TONS		
16	2507 - MACADAM STONE	10	TONS		
17	2528 - TRAFFIC CONTROL	1	L.S.		

18	2529 - PATCH, FULL-DEPTH FINISH, BY AREA. PCC	68.3	S.Y.		
19	2529 - PATCH, FULL-DEPTH FINISH, BY COUNT, PCC	2	EACH		
20	2529 - PATCH, FULL-DEPTH FINISH, BY AREA. HMA	502	S.Y.		
21	2529 - PATCH, FULL-DEPTH FINISH, BY COUNT, HMA	10	EACH		
22	2533 - MOBILIZATION	1	L.S.		
23	2540 - LONGITUDINAL JOINT REPAIR	100	L.F.		
24	2543 - TRANSVERSE JOINT REPAIR	14	TONS		
25	2541 - CRACK AND JOINT CLEANING AND SEALING (PAVEMENT MAINTENANCE)	5.9	MILE		
26	2544 - HOT MIX ASPHALT FOR CRACK FILLING	1	TONS		
27	2541 - SEALER MATERIAL (PAVEMENT MAINTENANCE)	2950	LBS		
28	2601 - SEED+FERTILIZE (RURAL)	2	ACRE		
29	HMA SAW CUT	1346	L.F.		
<b>Total</b>					

Bidder Acknowledges Receipt of Any Issued Addenda Below <div style="text-align: right;">(Number and Date)</div>	List of Subcontractors (Attach additional pages, if necessary)
ADDENDUM NO. 1	
OCTOBER 9, 2020	