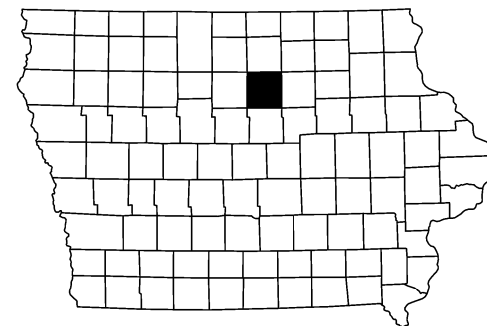
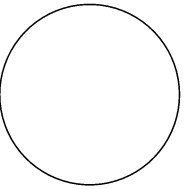


CONSTRUCTION DOCUMENTS  
FOR  
BEEDS LAKE STATE PARK  
PAVEMENT MAINTENANCE  
  
FRANKLIN COUNTY, IOWA

DOT PROJECT # SP-604-0(7)--7C-35  
DNR PROJECT #17-02-35-01

[illegible]

CONSULTANT:

IOWA DEPARTMENT OF  
NATURAL RESOURCES

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



# COVER SHEET


PAVEMENT MAINTENANCE FOR:

BEEDS LAKE STATE PARK

FRANKLIN COUNTY

NO.	BY DATE	REVISION
DRAWN BY: BLF		PROJECT NUMBER: 17-02-35-01
CHK'D BY:		DATE: 10/01/2017
SHEET 300		

## A.01

	I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED UNDER MY SUPERVISION AND THAT ENGINEERING DECISIONS WITH REGARD TO THE DESIGN WERE MADE BY ME UNDER THE LAWS OF THE STATE OF IOWA.
	SIGNATURE _____ DATE _____
	BRUCE L. FLIPPIN _____ PRINTED OR TYPED NAME
	MY LICENCE RENEWAL DATE IS DECEMBER 31, 20 <u>18</u> PAGES COVERED BY THIS SEAL: _____

DIRECTORY			
PROJECT MANAGER		CONSTRUCTION INSPECTOR	
COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES
ADDRESS	502 EAST 9TH STREET	ADDRESS	
CITY,STATE,ZIP	DES MOINES, IA, 50319	CITY,STATE,ZIP	
CONTACT	BRJCE FLIPPIN	CONTACT	DON LABATE
TELEPHONE	515-689-8009	TELEPHONE	515-250-3714
FAX	515-281-8685	FAX	
EMAIL	bruce.flippin@dnr.iowa.gov	EMAIL	don.labate@dnr.iowa.gov

## PROJECT DESCRIPTION

This project consists of approximately 79 ton of HMA transverse joint repairs (67 joints), 42, 5-inch deep, HMA patches, totaling 460 SY. 2.7 miles of cleaning and filling cracks, HMA pavement maintenance. A 27,700 SY bituminous seal coat with sand seal. 353 ton of Class A road rock -  $\frac{3}{4}$ " and 30 ton of erosion stone.

<h2>AUTHORIZATION TO BID</h2>	
<p><b>DATE:</b> _____</p>  <p><b>TO:</b> _____</p>  <p><b>FROM:</b> _____</p>  <p><b>SUBJECT:</b> _____</p>	<p><b>APPROVED BY:</b> _____</p>  <p><b>DATE:</b> _____</p>



## ESTIMATED PROJECT QUANTITIES

[illegible]

## ESTIMATE REFERENCE INFORMATION

ITEM NO.	DESCRIPTION
1	A. Apply at a rate of 0.15 GAL/SY. Notify DNR Field Engineer a minimum of 7 days in advance of application.
2	A. Apply at a rate of 15 LBS/SY.
3	A. Quantities based upon 3-inch thickness.
4	A. Any minor site grading/prep is incidental to this item.
5	A. Includes ALL traffic control needed to complete project.
6	A. Areas will be marked out by DNR Field Engineer. 5-inch depth.
10	A. Joints will be identified by DNR Field Engineer. 5-inch depth.

## GENERAL NOTES

Verify actual locations and elevations with DNR Engineer.

All work shall conform to and be performed in accordance with all applicable codes and ordinances.

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.

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.

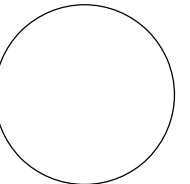
It shall be the contractor's responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the DNR Engineer.

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.

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.

No work will be allowed on Fridays at 12 noon, until the following Monday morning.

CONSULTANT:



**IOWA DEPARTMENT OF  
NATURAL RESOURCES**

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



## QUANTITIES AND GENERAL INFORMATION

BEEDS LAKE STATE PARK

FRANKLIN COUNTY

NO.	BY DATE	REVISION
DRAWN BY: BLF	PROJECT NUMBER: 17-02-35-01	
CHK'D BY:	DATE: 10/31/2017	
SHEET NO:		

## C.01

BEEDS LAKE PAVEMENT REPAIRS PROJECT OVERVIEW

SHEET D.04

SHEET D.04

SHEET D.04

SHEET D.05

SHEET D.02

SHEET D.03

This aerial map provides an overview of the Beeds Lake Pavement Repairs project. The lake is the central feature, surrounded by residential areas, fields, and wooded land. Four specific project areas are highlighted with white circles and labeled: SHEET D.04 is located in three separate areas along the northern and eastern shores; SHEET D.05 is on the western shore; SHEET D.02 is on the southern shore near a road intersection; and SHEET D.03 is on the eastern shore near a parking lot. White arrows point from the 'SHEET D.05' label to its corresponding area on the lake's western edge.

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



## PAVEMENT MAINTENANCE FOR:

FRANKLIN COUNTY

NO.	BY DATE	REVISION
DRAWN BY:		PROJECT NUMBER:
BLF		17-02-35-01
CHKD BY:		DATE:
		10/01/2017
SHEET No:		

## D.01







SAFETY CLOSURE WHEN NEEDED

434' X 14' HMA  
0.08 miles  
681 SY  
NO TJ REPAIRS  
NO PATCHES

SAFETY CLOSURE WHEN NEEDED

420' X 18' HMA  
0.08 miles  
840 SY  
NO TJ REPAIRS  
NO PATCHES

657' X 14' HMA  
0.12 miles  
1022 SY  
NO TJ REPAIRS  
NO PATCHES

SAFETY CLOSURE WHEN NEEDED

434' X 14' HMA  
0.08 miles  
681 SY  
NO TJ REPAIRS  
NO PATCHES

SAFETY CLOSURE WHEN NEEDED

420' X 18' HMA  
0.08 miles  
840 SY  
NO TJ REPAIRS  
NO PATCHES

657' X 14' HMA  
0.12 miles  
1022 SY  
NO TJ REPAIRS  
NO PATCHES

SAFETY CLOSURE WHEN NEEDED

434' X 14' HMA  
0.08 miles  
681 SY  
NO TJ REPAIRS  
NO PATCHES

SAFETY CLOSURE WHEN NEEDED

420' X 18' HMA  
0.08 miles  
840 SY  
NO TJ REPAIRS  
NO PATCHES

657' X 14' HMA  
0.12 miles  
1022 SY  
NO TJ REPAIRS  
NO PATCHES

SAFETY CLOSURE WHEN NEEDED

434' X 14' HMA  
0.08 miles  
681 SY  
NO TJ REPAIRS  
NO PATCHES

SAFETY CLOSURE WHEN NEEDED

420' X 18' HMA  
0.08 miles  
840 SY  
NO TJ REPAIRS  
NO PATCHES

657' X 14' HMA  
0.12 miles  
1022 SY  
NO TJ REPAIRS  
NO PATCHES


SAFETY CLOSURE WHEN NEEDED

434' X 14' HMA  
0.08 miles  
681 SY  
NO TJ REPAIRS  
NO PATCHES

SAFETY CLOSURE WHEN NEEDED

420' X 18' HMA  
0.08 miles  
840 SY  
NO TJ REPAIRS  
NO PATCHES

657' X 14' HMA  
0.12 miles  
1022 SY  
NO TJ REPAIRS  
NO PATCHES



ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST. DES MOINES, IA 53119-0034



## PAVEMENT MAINTENANCE FOR:

BRANKIN COUNTY

<b>NO.</b>	<b>BY</b>	<b>REVISION</b>
	<b>DATE</b>	
<b>DRAWN BY:</b>		<b>PROJECT NUMBER:</b>
<b>BLF</b>		<b>17-02-35-01</b>
<b>CHECK'D BY:</b>		<b>DATE:</b>
		<b>10/01/2017</b>
<b>SHEET No. _____ OF _____</b>		

SWEET &



1284' X 12' HMA  
0.24 miles  
1712 SY  
20 TJ REPAIRS - 12 TON  
3 PATCHES - 21 SY

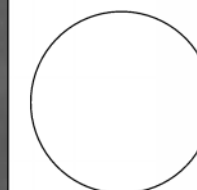
3' x 150'  
3' x 75' —

EROSION STONE  
15 TON AT INLET  
15 TON AT OUTLET

5' X 22'

2740' X 22' HMA  
0.52 miles  
6698 SY  
8 TJ REPAIRS - 5.7 Tons - \*  
3 PATCHES - 74 SY

1000000

IOWA DEPARTMENT OF  
NATURAL RESOURCES

**ENGINEERING SERVICES - WALLACE BUILDING**



## SITE PLAN

PAVEMENT MAINTENANCE FOR:

PAVEMENT MAINTENANCE FOR:  
BEEDS LAKE STATE PARK

FRANKLIN COUNTY

NO.	DATE	REVISION
DRAWN BY:	PROJECT NUMBER:	
BLF	17-02-35-01	
CHKD BY:	DATE:	
	10/01/2017	

## D.05