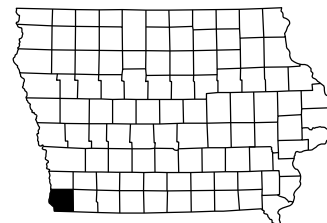
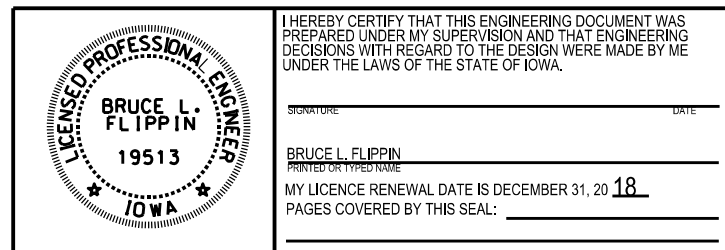


IOWA DEPARTMENT OF NATURAL RESOURCES

CONSTRUCTION DOCUMENTS  
FOR  
WAUBONSIE STATE PARK  
PAVEMENT MAINTENANCE  
FREMONT COUNTY, IOWA

DOT PROJECT #SP-661-0(6)--7C-36  
DNR PROJECT #17-04-36-01



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	BRUCE FLIPPIN	CONTACT	MARK JOHNSON
TELEPHONE	515-689-8009	TELEPHONE	515-250-3713
FAX	515-281-8686	FAX	
EMAIL	bruce.flippin@dnr.iowa.gov	EMAIL	mark.johnson@dnr.iowa.gov

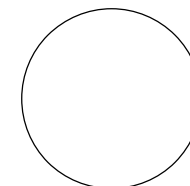
## PROJECT DESCRIPTION

This project consists of 888 gallons of RS-1 grade emulsion for 29,600 SY of fog seal, 3 miles of cleaning and filling cracks & surface preparation for strip slurry treatment, 204 SY patching (7 patches), 275 ton of transverse joint repair and approximately 38 ton of granular surfacing (14-inch).

<h2 style="margin: 0;">AUTHORIZATION TO BID</h2>	
<p style="margin: 0;">AUTHORIZATION - PARKS   WILDLIFE   FISHERIES   LAW ENFORCEMENT   FORESTRY   DATE</p>	<p style="margin: 0;">ENGINEERING BUREAU CHIEF</p>

[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:

PAVEMENT MAINTENANCE FOR:  
WAUBONSIE STATE PARK

VERMONT COUNTY

NO.	BY	REVISION
	DATE	
DRAWN BY:		PROJECT NUMBER: 17-04-36-01
CHK'D BY:		DATE:
SHEET NO.:		

## A.01

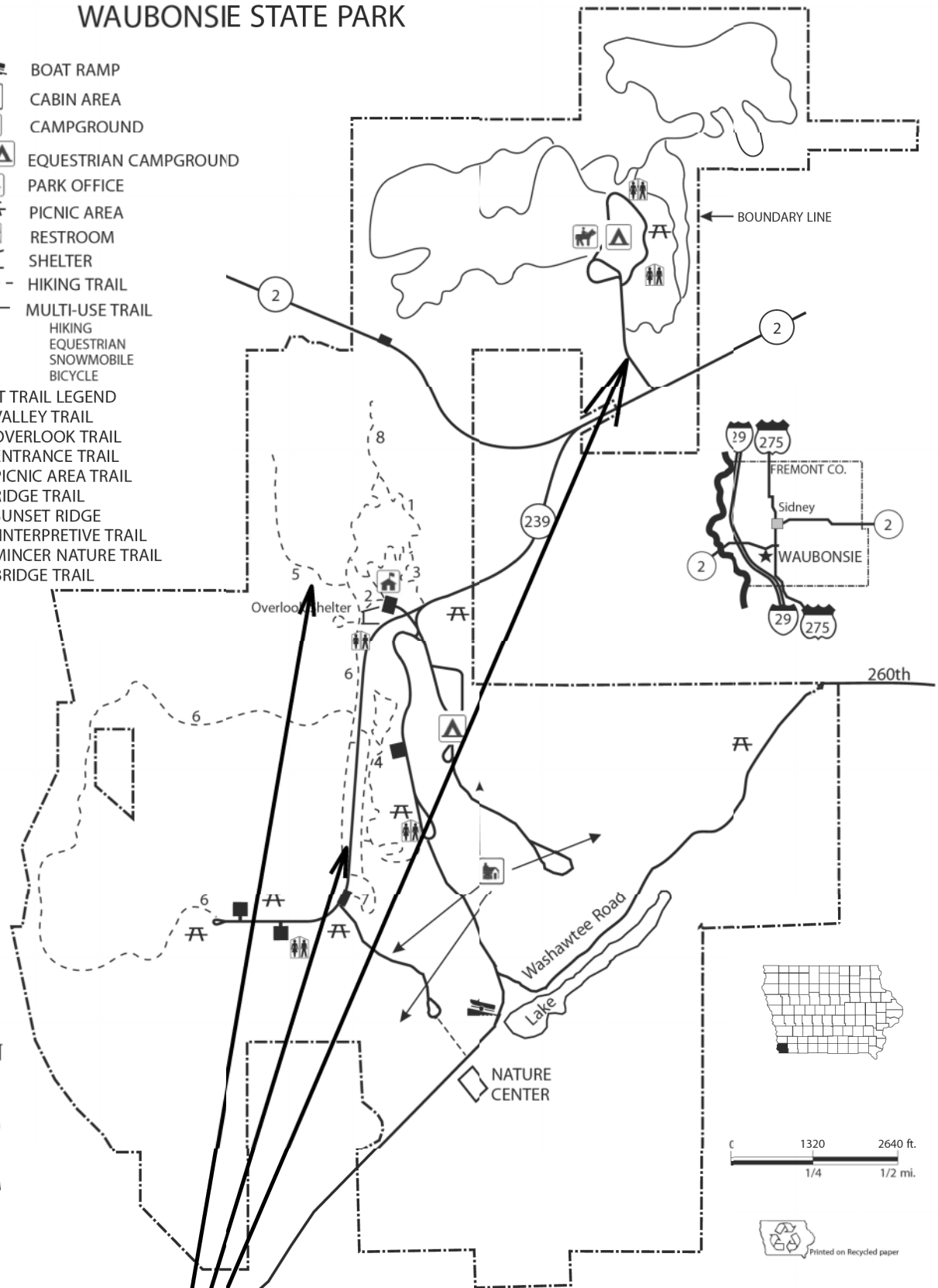


PROJECT LOCATIONS

## WAUBONSIE STATE PARK

- BOAT RAMP
- CABIN AREA
- CAMPGROUND
- EQUESTRIAN CAMPGROUND
- PARK OFFICE
- PICNIC AREA
- RESTROOM
- SHELTER
- HIKING TRAIL
- MULTI-USE TRAIL
  - HIKING
  - EQUESTRIAN
  - SNOWMOBILE
  - BICYCLE

- FOOT TRAIL LEGEND
- 1 VALLEY TRAIL
  - 2 OVERLOOK TRAIL
  - 3 ENTRANCE TRAIL
  - 4 PICNIC AREA TRAIL
  - 5 RIDGE TRAIL
  - 6 SUNSET RIDGE INTERPRETIVE TRAIL
  - 7 MINCER NATURE TRAIL
  - 8 BRIDGE TRAIL



CONSULTANT:

IOWA DEPARTMENT OF  
NATURAL RESOURCES

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

PROJECT LOCATION MAP

PAVEMENT MAINTENANCE FOR:

WAUBONSIE STATE PARK

FREMONT COUNTY

NO. BY REVISION

DRAWN BY: PROJECT NUMBER:

17-04-36-01

CHK'D BY: DATE:

SHEET NO.:

A.02

[illegible]

ESTIMATE REFERENCE INFORMATION	
ITEM NO.	DESCRIPTION
1	A. Emulsion to be mixed with 4 parts water. Apply at a rate of 0.15 gal/sy.
2	A. Spread granular surfacing 2-inches deep.
3	A. Areas will be identified by the DNR Field Engineer.
6	A. Use SS-1H emulsified asphalt.
8.	A. This item includes ALL pilot cars and/or flaggers needed to complete work under traffic.
13	A. Nominal size of transverse joint repairs will be 1.5 feet wide and 5-inches deep. Milling to be removed from park, or as directed by DNR Field Engineer.

## GENERAL NOTES

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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.

The contractor shall shape graded area to maintain surface drainage. All elevations are to finish grade.

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.

Iowa DOT specification sections are listed before each bid item.

No work will be allowed from 12 noon on Friday until the following Monday. No work on holidays.



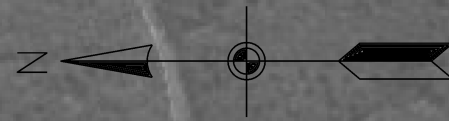
ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034

PAVEMENT MAINTENANCE FOR:

FREMONT COUNTY

NO.	BY	REVISION
	DATE	
DRAWN BY:		PROJECT NUMBER: 17-04-36-01
CHK'D BY:		DATE:
SHEET No:		

## C.01



SHEET D.02  
EQUESTRIAN AREA

# SHEET D.04

## OFFICE ROAD

# SHEET D.03

## CAMPGROUND

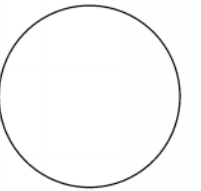
### AREA

SHEET D.05  
MIDDLE LOOP

# SHEET D.06

## WEST LOOP

CONSULTANT:

IOWA DEPARTMENT OF  
NATURAL RESOURCES

502 E. 9TH ST., DES MOINES, IA 50319-0034



# SITE PLAN

PAVEMENT MAINTENANCE FOR:

WAUBONSIE STATE PARK

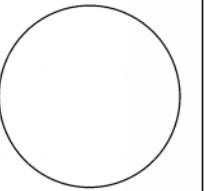
FR:MUNI COUNT

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER: 17-04-36-01	
CHECK BY:	DATE:	
SHEET NO.		

## D.01



## CONSULTANT:

IOWA DEPARTMENT OF  
NATURAL RESOURCES

502 E. 9TH ST., DES MOINES, IA 50319-0034



## SITE PLAN

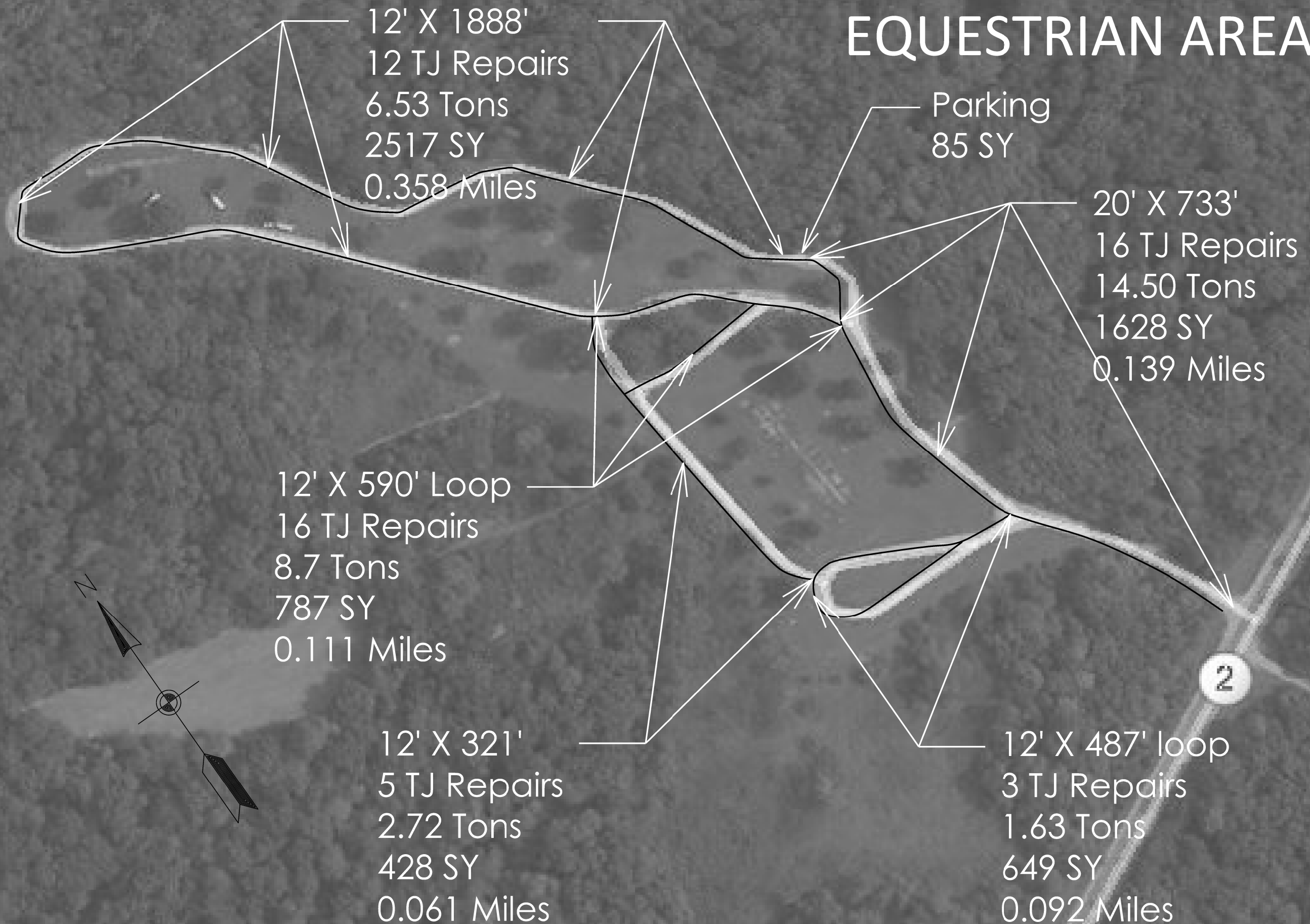
PAVEMENT MAINTENANCE FOR: ONCIE STATE

WAUBONSIE STATE PARK

UNION COUNTY

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER: <b>17-04-36-01</b>	
CHKD BY:	DATE:	
SHEET 2300		

## D.02

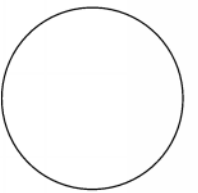


239

- 12' X 1744'
- 38 TJ Repairs
- 20.66 Tons
- 2325 SY
- 0.330 Miles

# CAMPGROUND AREA

CONSULTANT:

IOWA DEPARTMENT OF  
NATURAL RESOURCES

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



# SITE PLAN

PAVEMENT MAINTENANCE FOR:

WAUBONSIE STATE PARK

FR:MONTI COUNTY

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER: 17-04-36-01	
CHECKED BY:	DATE:	
SHEET No:		

### D.03

0.097 Miles

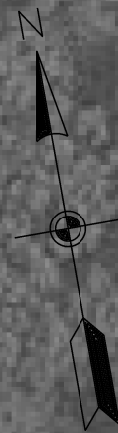
0.155 Miles

10' X 18' Each

# LOOKOUT ROAD

# WEST LOOP

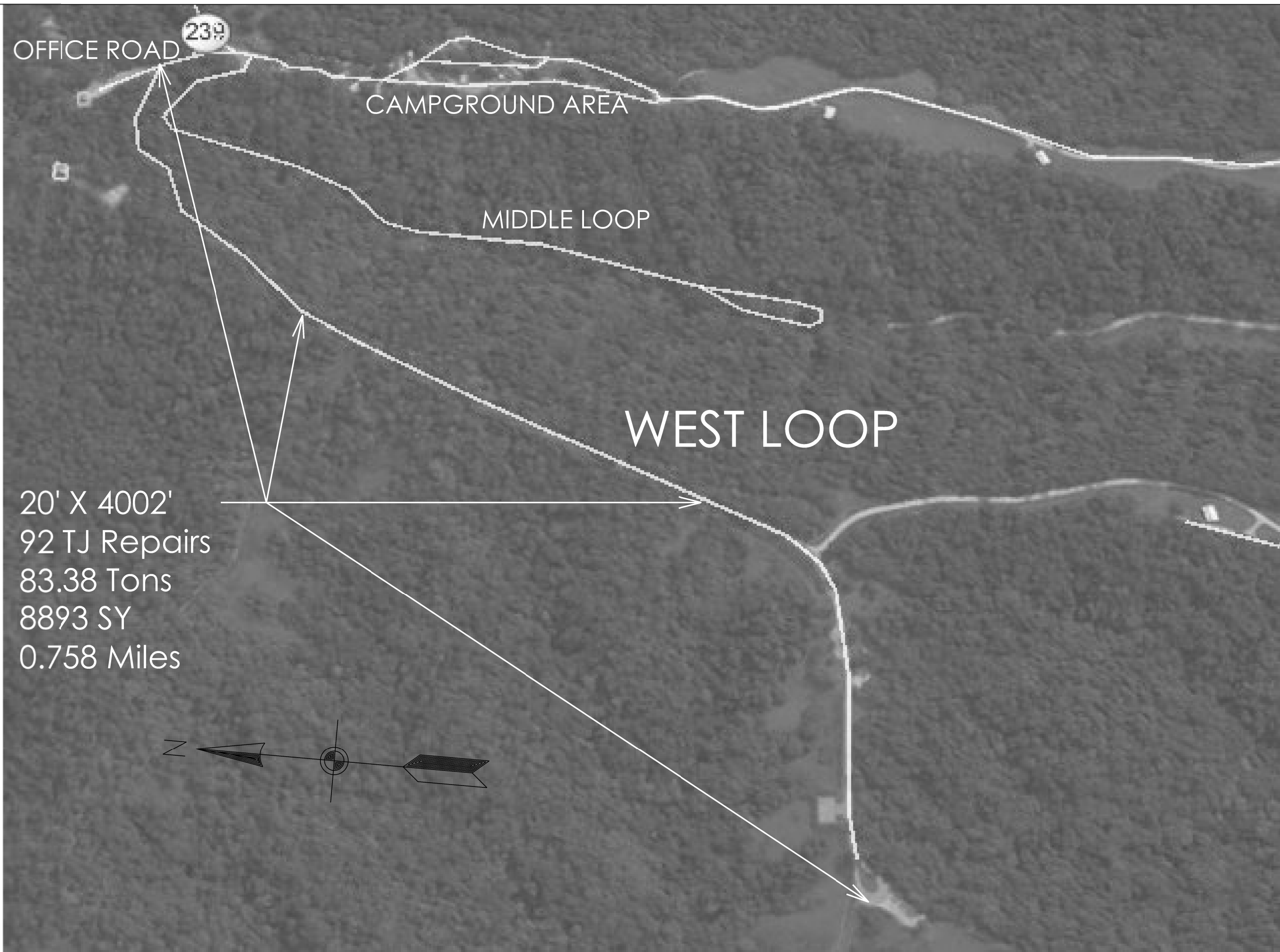
## MIDDLE LOOP



## D.04

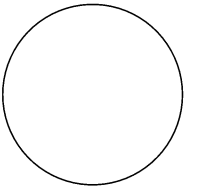






20' X 4002'  
92 TJ Repairs  
83.38 Tons  
8893 SY  
0.758 Miles

CONSULTANT:



IOWA DEPARTMENT OF  
NATURAL RESOURCES

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



SITE PLAN

PAVEMENT MAINTENANCE FOR:

WAUBONSIE STATE PARK

FREMONT COUNTY

NO. BY DATE REVISION


DRAWN BY: PROJECT NUMBER:

17-04-36-01

CHK'D BY: DATE:

SHEET NO:

D.06

