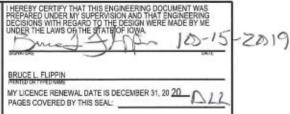
## IOWA DEPARTMENT OF NATURAL RESOURCES

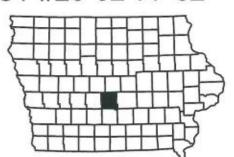
# CONSTRUCTION DOCUMENTS FOR **BIG CREEK STATE PARK** WEST ROAD MAINTENANCE

POLK COUNTY, IOWA

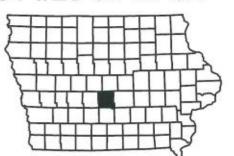
DOT PROJECT #SP-677-0(12)--7C-77 DNR PROJECT #20-02-77-02







	DIRE	CTORY	
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 L. FLIPPIN	CONTACT	DON LABATE
TELEPHONE	515-689-8009	TELEPHONE	515-250-3714
FAX	515-281-8685	FAX -	
EMAIL.	bruce:flippin@drr.iowa.gov	EMAIL.	don.labate@dnr.iowa.gov



This projects consists of a 3-inch, High Traffic, HMA overlay, with an 1-inch intertayer. I painfed symbols are also included.	Pavement scarficatio		

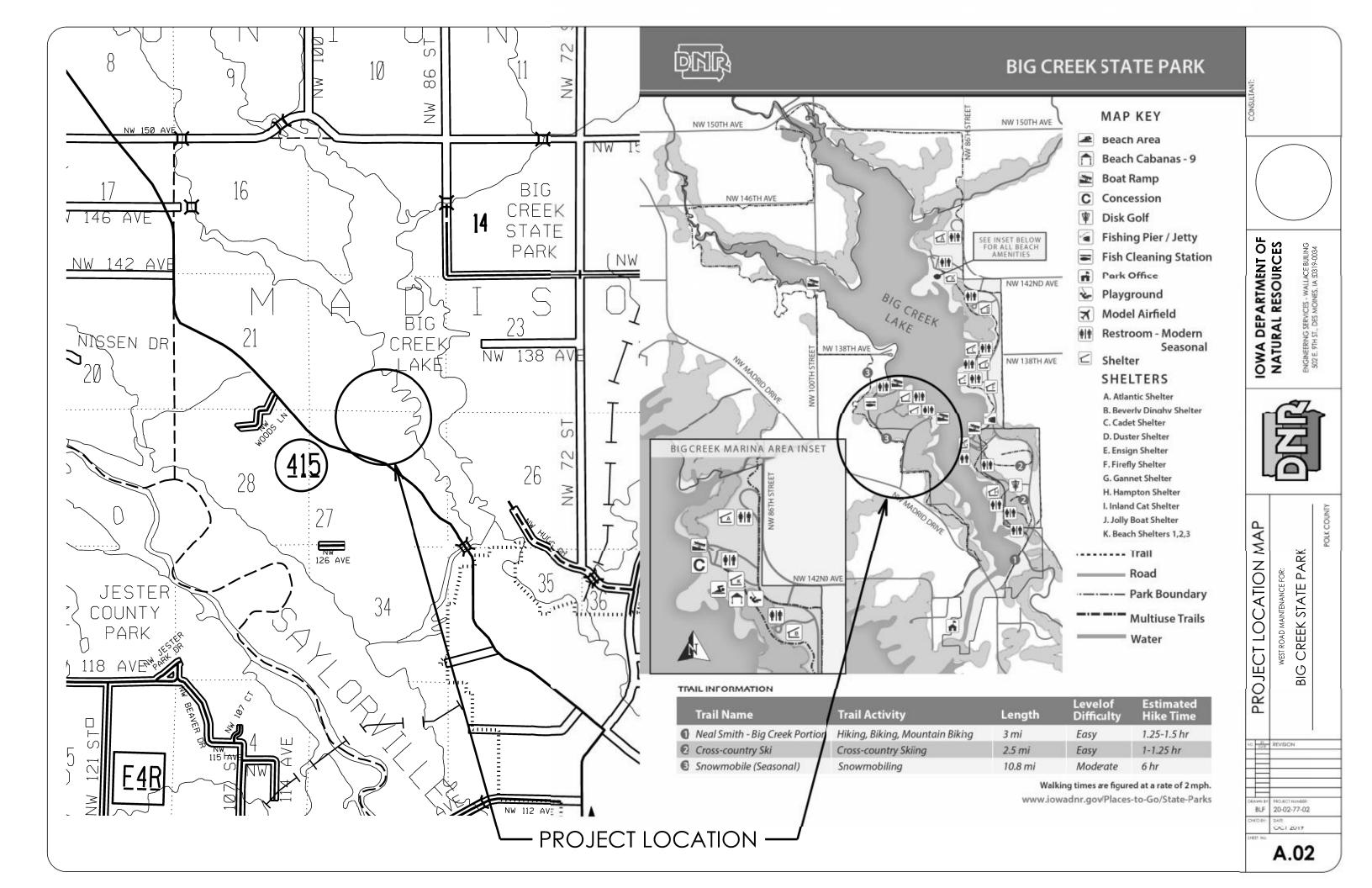
PROJECT DESCRIPTION

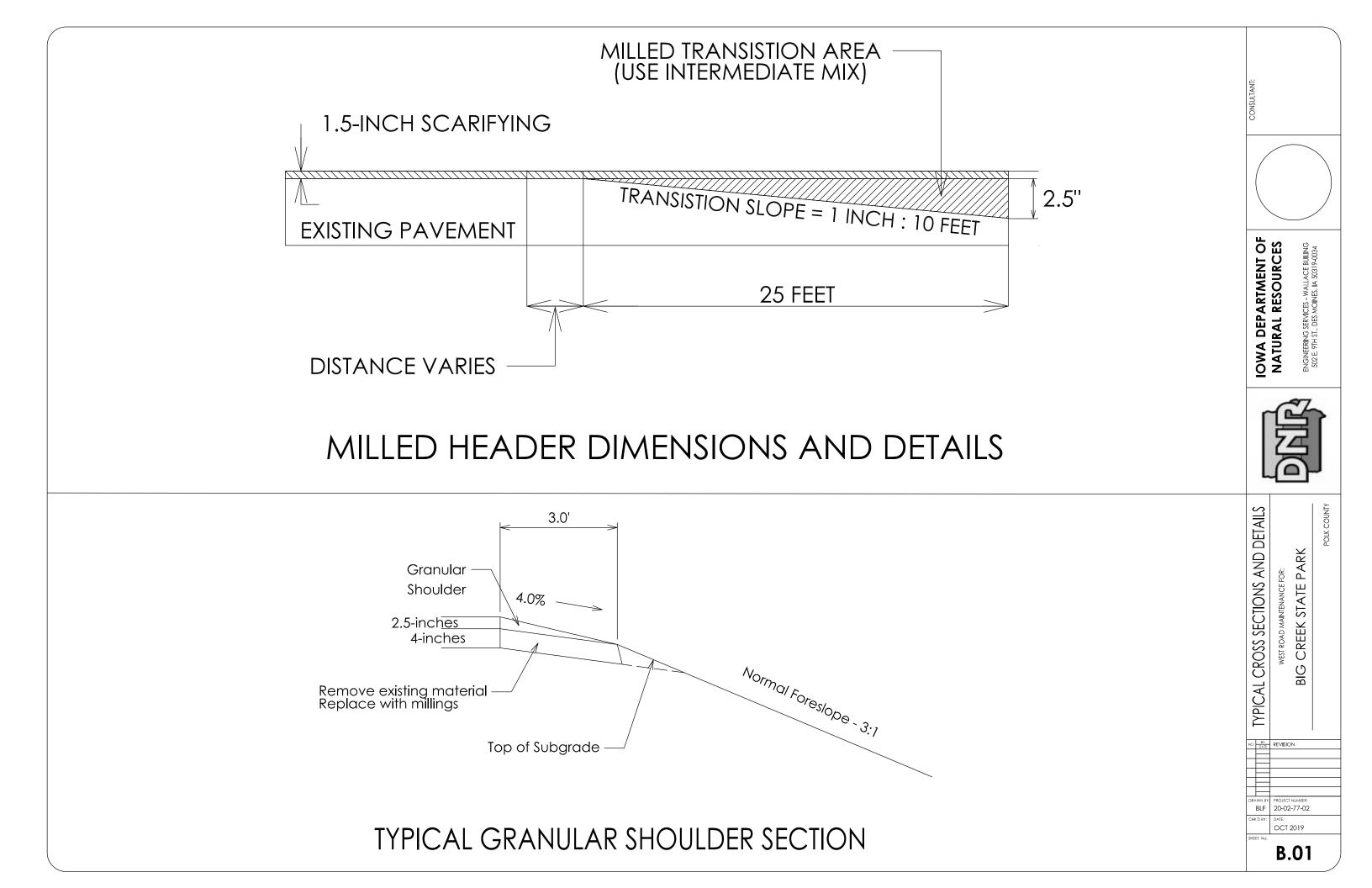


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AUTHORIZATIO	N - PARKSTWILDLIFE   FISHERIES   LAW	ENFORMENTI FORESTRY DATE
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ENGINEERING BU	REAU CHIEF	DATE

	SHEET INDEX			
A.01	COVER SHEET			
A.02	LOCATION MAP			
B.01	TYPICAL CROSS SECTIONS AND DETAILS	É		
C.01	QUANTITIES AND GENERAL INFORMATION SITE PLAN	CONSULTANT:		
D.01	SITE PLAN	120		
D.03	SITE PLAN	18		
D.04	SITE PLAN			
D.05	SITE PLAN			_
D.06	SITE PLAN	1 /		
D.07	SITE PLAN	1/		
D.08	SITE PLAN	1/		
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SHEET INDEX





### **ESTIMATED PROJECT QUANTITIES**

ITEM NO.	ITEM	UNIT	TOTAL
1	2214 - PAVEMENT SCARIFICATION	SY	37752
2	2214 - BLADING AND SHAPING SHOULDER MATERIAL	STA	187
3	2303 - HOT MIX ASPHALT MIXTURE INTERLAYER BASE COURSE, 3/8 IN. MIX	TON	1979
4	2303 - HOT MIX ASPHALT HIGH TRAFFIC, INTERMEDIATE COURSE, 1/2 IN. MIX	TON	2968
5	2303 - HOT MIX ASPHALT HIGH TRAFFIC, SURFACE COURSE, 1/2 IN. MIX, NO SPECIAL FRICTION REQUIREMENT	TON	2968
6	2303 - ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC	TON	407
7	2303 - ASPHALT BINDER, PG 58-34E, EXTREMELY HIGH TRAFFIC	TON	115
8	2518 - SAFETY CLOSURE	EACH	4
9	2527 - PAINTED SYMBOLS AND LEGENDS, HIGH-BUILD WATERBORNE	EACH	4
10	2528 - TRAFFIC CONTROL	LS	1
11	2533 - MOBILIZATION	LS	1

#### **ESTIMATE REFERENCE INFORMATION**

ITEM NO.	DESCRIPTION
1	A. Nominal 1.5 - inch scarification.
	B. Milled headers to be an additional 2.5 - inches. Taper headers 1 - inch per 10 - feet.
	C. Includes 591 SY for gore/return areas.  D. Screen millings down to a nominal 1.5 - inch size, and use as shoulder material.
	E. Remove any excess millings from project site.
	La traine to drift of control project site.
2	A. Remove existing shoulder vegetation/material - 4.0-inches deep, 3.0-feet wide.
	B. Remove spoil from project site.
	C. A shouldering machine must be used to place millings.  D. Includes both shoulders.
	D. Includes both shoulders.
3	A. 1 - inch lift. All roadways.
4	A. 1.5 - inch lift all roadways.
·	B. Use in transistion wedge areas.
5	A. 1.5 - inch lift all roadways.
6	A. For Intermediate and surfaces courses.
7	A. For Interlayer course only.
8	A. Follow current lowa DOT Standard Specifications section 2518 for safety closure requirements.
9	A. Stop bar. Use MUTCD standards for dimensions and placement.

#### **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.

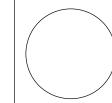
The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of 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.

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.

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



IOWA DEPARTMENT OF NATURAL RESOURCES



CREEK STATE PARK

**QUANTITIES AND GENERAL INFORMATION** BIG

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