IOWA DEPARTMENT OF NATURAL RESOURCES

CONSTRUCTION DOCUMENTS FOR INDIAN BLUFFS WMA ROAD MAINTENANCE

JONES COUNTY, IOWA

DOT PROJECT #SP-461-0(1)--7C-53 DNR PROJECT #18-06-53-01



	DIREC	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	MIKE DUFOE		
TELEPHONE	515-689-8009	TELEPHONE	515-985-9196		
FAX	515-281-8685	FAX			
EMAIL	bruce.flippin@dnr.iowa.gov	EMAIL	michael.dufoe@dnr.iowa.gov		



PROJECT DESCRIPTION

This project consists of granular roadway maintenance - clearing/grubbing, reshaping/cleaning ditches, roadway realignment, ditch check construction, culvert cleaning, blading/shaping and spreading new rock.



1-800-292-8989

www.iowaonecall.com

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BACKSLOPE VARIES 2:1 MIN.

CONSULTANT:			
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IOWA DEPARTMENT C	NATURAL RESOURCE	ENGINEERING SERVICES - WALLACE BUILIN	502 E. YIH SI., DES MOINES, IA 503 I 7-003
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TYPICAL CROSS SECTIONS AND DETAILS	ROAD MAINTENANCE FOR:	INDIAN BLUFFS WMA	JONES COUNTY
NO. BY DATE	RE√ISIC	DN .	





ESTIMATED PROJECT QUANTITIES

ITEM NO). ITEM	UNIT	TOTAL
1	2101 - CLEARING/GRUBBING	LS	1
2	2102 - EXCAVATION, CL 10, RDWY+BORROW	СҮ	35
3	2102 - EXCAVATION, CL 12, BOULDER/ROCK ERAGMENT	CY	72
4	2125 - RESHAPING/CLEANING DITCHES	STA	35.7
5	2127 - RECONSTRUCTION OF ROADRED - RIADING/SHADING		29.5
			23.5
7			1202
/	2312 - GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE		1363
8	2312 - GRANULAR SURFACING ON ROAD, MACADAM STONE	TON	210
9	2507 - EROSION STONE - DITCH CHECKS	TON	119
10	2507 - EROSION STONE - OUTLETS	TON	30
11	2518 - SAFETY CLOSURE	EACH	2
12	2533 - MOBILIZATION	LS	1
13	2601 - STABILIZE CROP - SEED+FERTILIZE	ACRE	2.4
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M	ESTIMATE REFERENCE INFORMATION		
).	DESCRIPTION		
2, 3	B. Dispose of offsite. A. Locations will be determined by the DNR Field Engineer. B. For roadway core-out and/or rock removal.		
4	 C. Clean inlet and outlet of ALL existing roadway culverts. Line outlets with erosion stone. A. Clean ditches to typical detail. 		
·	B Includes both sides of roadway		
	B. Includes both sides of housing wat is tracting wat is tracting to a side of the side		
	B. Place and level spoll on road heading west, just south of BOP.		
	C. STA 0+00 - 25+80; 32+00 - 35+70.		
5	 Repair potholes by scarifying surrounding area to depth of pothole and recompacting. Re-establish roadway crown - 4% positive drainage each way from centerline; 4% across the v Remove any high shoulder areas, before spreading new rock. 	vidth in banked	sections.
,			
5	A. verity location, direction and dimensions with DNR Field Engineer before beginning construction	on.	
	B. Roadway must be moved a minimum of 10 feet east from existing location.		
	C. Incudes ditch construction, both sides of roadway.		
	D. Use spoil from west ditch contruction between STA 25+80 - 32+00 for fill in east ditch.		
	E. Place and level any excess spoil on road heading west, just south of BOP.		
7	A. A final leveling of the aggregate after being dumped, is reauired.		
	B From DOT approved source		
	C Approvingte 2.5 inch denth		
	с. друголните до-пон иертн.		
3	A. Place at the direction of the DNR Field Engineer. DOT approved source.		
>	A. Verify locations with DNR Field Engineer. Approximately 1.75 ton per ditch check.		
10	A. Verify limits of placement with DNR Field Engineer.		
11	A. Follow current lowa DOT Standard Specifications section 2518 for closure requirements.		
	B. Safety Closure - BOP.		
	C. Road Closure "Local Traffic Only" - intersection near 88th Ave & Butterfield Road.		
3			

48 - HOUR MINIMUM NOTICE TO DNR FIELD ENGINEER BEFORE BEGINNING ANY NEW WORK.

GENERAL NOTES

Verify actual locations and elevations with DNR Engineer.

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

The contractor shall visit the site and inspect the project area and t themselves with the actual job conditions prior to bidding and the visit the project site shall not relieve the contractor from performin to the plans, specification, special provisions and contract.

The contractor shall verify, at the site, all dimensions and condition shall notify the DNR Engineer of any discrepancies, omissions, and, proceeding with the work.

It shall be the contractor's responsibility to provide waste areas or material (excavated material or broken concrete) which is not desi into the work involved on this project. No payment for overhaul w hauled to these sites. No material shall be placed within the rightstated in the plans or approved by the DNR Engineer.

The contractor shall not disturb desirable grass areas and desirable construction limits. The contractor will not be permitted to park o equipment or use these areas for storage of materials. Storage, pawill be subject to the approval of the DNR Engineer.

Where utilities and fixtures are shown as Existing on the plans or er construction area, it shall be the responsibility of the contractor to of those utilities prior to the beginning of any construction. The co access to these facilities for necessary modification of services. Un structures and utilities have been plotted from available surveys an their locations must be considered approximate only. It is possible existence of which is presently not known or shown. It is the contra determine their existence and exact location and to avoid damage additional compensation will be allowed to the contractor for any i caused by such work.

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

The contractor is expected to have materials, equipment, and labo to install and maintain erosion control features on the project. This fence, rock ditch checks, silt basins or silt dikes.

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ROAD CLOSURE "LOCAL TRAFFIC ONLY" 88th Ave & Butterfield Road

INDIAN BLUFFS WMA

SAFETY CLOSURE







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