

**Backbone State Park**  
Cabin Road HMA Shoulder Construction

Name	Longitude	Latitude	Ellipsoidal height	Grid Reference
Start 1	-91.53616317	42.60460592	283.979	15TXH2007817946
Stop 1	-91.53703737	42.60577616	292.071	15TXH2000418075
Start 2	-91.53827392	42.60706119	290.592	15TXH1990018216
Stop 2	-91.53876589	42.60758571	295.692	15TXH1985918274
Start 3	-91.53877771	42.60914066	296.098	15TXH1985518446
Stop 3	-91.53910518	42.60974659	302.001	15TXH1982718513

**Legend**

- 1
- 2
- 3



Iowa Department of Natural Resources  
Backbone State Park, Clayton County  
25-03-28-02 Backbone State Park - Cabin Road Repairs  
HMA Paved Shoulders

**Project Description:**

Work consists of constructing HMA paved shoulders on Cabin Road, approximately 1/2 of a mile north of the 129<sup>th</sup> Street intersection. North bound lane only, 3 sections at 489 feet x 2 feet, 237 feet x 2 feet and 242 feet x 2 feet. Core out existing granular shoulders and prepare subbase. DNR Engineer will mark out locations prior to work starting.

**GENERAL NOTES:**

Verify actual locations and elevations with DNR Engineer.

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

Road to remain open while work is being performed.

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 start of work. Failure to visit the project site shall not relieve contractor from performing the work in accordance to the plans, specifications, special provisions and contract.

The contractor shall verify, at the site, all dimension 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 asphalt/concrete) which is not desirable to be incorporated into the work involved on this project. 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 or desirable trees outside the construction limits. The contractor shall 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 encountered within the construction area, it shall be the responsibility of the contractor to notify DNR Engineer of those utilities prior to the beginning of any construction. No claims for additional compensation will be allowed to the contractor for any interference or delay.

Estimated Project Quantities			
ITEM NO.	ITEM	UNIT	TOTAL
1	Mobilization	L.S.	1
2	Traffic Control	L.S.	1
3	Core Out Excavation	C.Y.	62.5
4	Hot Mix Asphalt High Traffic Base Course 1/2 Inch Mix	Tons	88.3
5	Hot Mix Asphalt High Traffic Surface Course 1/2 Inch Mix	Tons	88.3
6	Asphalt Binder PG 58-28S	Tons	5.71
7	Subbase	C.Y.	37.5

Estimate Reference Information	
ITEM No.	DESCRIPTION
2	This item includes traffic control signage. Flaggers will be added via change order if necessary.
4	2-inch lift
5	2-Inch Lift No special friction requirement
6	For base and surface course