203-3
10-18-11

PLANS
(ADJACENT SECTIONS)

During reconstruction, no more than two adjacent sections may be closed at the same time. A section may not be closed until the CPM schedule indicates it is necessary to close that section to allow the controlling activity on the critical path to progress. Minimize the time an individual section is closed, as shown on the CPM schedule, to complete construction activities within that section.

212-1
10-18-11

SOILS DESIGN

Sounding and test boring data shown on plans were accumulated for designing and estimating purposes. Their appearance on the plan does not constitute a guarantee that conditions other than those indicated will not be encountered.

213-2
10-18-11

BORROW
(REMOVAL AND REPLACEMENT)

Regarding removal and replacement of topsoil in borrow areas:

Quantities estimated for topsoil are calculated on the basis of a uniform removal of topsoil to a depth of 12 inches. Upon completion of excavation work, uniformly spread the removed topsoil over the borrow area to a minimum depth of 8 inches.

213-3
10-18-11

SUBSOIL TILLAGE

All borrow areas, stockpile areas, haul roads, and areas used for equipment on this project require subsoil tillage to an average depth of 16 to 20 inches prior to placement of topsoil and/or stabilizing crop seeding. Complete this tillage at 3 foot maximum centers and at right angles to the finished slope.

Use tillage equipment equipped with an arrowhead type shoe that will provide lateral displacement and limit the movement of the subsoil to the surface. Obtain the Engineer's approval for the equipment. This work is incidental to other work on the project.

Following the subsoil tillage, the area is to remain in a "loosened" condition. Additional compaction or the operation of heavy equipment, other than required for topsoil placement and shaping, will not be allowed on areas which have received subsoil tillage.

232-3A
04-17-12

EROSION CONTROL
(RURAL SEEDING)

Following the completion of work, place seed, fertilizer, and mulch on the portion of the area lying 8 feet adjacent to shoulder as follows:

SEEDING:
3 lbs. of Fescue or Fawn per 1000 sq. ft.

FERTILIZER:
17 lbs. of 13-13-13 (or equivalent) commercial fertilizer per 1000 sq. ft.

MULCH:
70 lbs. of dry cereal straw per 1000 sq. ft. Consolidate all mulch into the soil using a mulch stabilizer.

Preparing the seedbed and furnishing and applying seed, fertilizer, and mulch is incidental to mobilization. No extra compensation will be allowed.

232-4
10-18-11

EROSION CONTROL
(SELECTIVE CLEARING)

Selective clearing will be required on this project.

Do not remove any trees outside of the construction limits without the Engineer's approval. This includes areas in divided medians and inside interchanges.

Clearing along the right-of-way line will be necessary to permit installation of fence. This clearing should be done as soon as possible with trees cut off at the ground line.

Do not disturb native grass areas outside the construction limits.

232-8
10-18-11

EROSION CONTROL
(DISTURBED AREAS)

Ensure the top 6 inches of the disturbed areas are free of rock and debris and are suitable for the establishment of vegetation, subject to the Engineer's approval.

232-10
10-28-97

EROSION CONTROL
(EQUIPMENT FOR MAINTENANCE)

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.

262-5
10-18-05

UTILITIES
(POINT 25 PROJECT)

This is a POINT 25 project and is subject to the provisions of IAC 761-115.25.

281-1
10-18-11

SECTION 404 PERMIT AND CONDITIONS

Construct this project according to the requirements of U.S. Army Corps of Engineers _____, Permit No. _____. A copy of this permit is available from the Iowa DOT Office of Contracts upon request. The U.S. Army Corps of Engineers reserves the right to visit the site without prior notice.

110-9
10-18-11

CULVERT ABANDONMENT

Refer to Details 4315 and 4316

* Not a bid item

Location Station	Description	Fill Material: Flowable Mortar (CY)	Fill Material: Granular Backfill* (TON)	4" Perforated Subdrain* (LF)	Remarks
1314+01.12	24" RCP	18.8	0.2	10.0	
7877+03.44	18" RCP	3.8	0.2	8.0	
Total		22.6	0.5	18.0	

100-17
04-20-10

TABULATION OF SILT FENCES

Refer to EC-201

Location: Begin Station	Location: End Station	Location: Side	Length (LF)	Remarks
31329+00.00	31344+00.00	LT	1660.0	
31329+00.00	31346+01.00	RT	1881.0	
7875+11.56		LT	20.0	Intake
7875+25.00		MED	20.0	Intake
7875+80.93		MED	20.0	Intake
7901+37.35	7906+50.00	RT	572.7	
Total			4173.7	

100-18
04-20-10

TABULATION OF SILT FENCES
FOR DITCH CHECKS

Refer to EC-201

Location Station	Side	Length (LF)	Remarks
1310+00+00	MED	20.0	
1310+05.00	LT	20.0	Adjacent to ramp
1312+00.00	LT	20.0	Adjacent to ramp
1313+00.00	MED	20.0	
1316+51.00	MED	20.0	Pipe apron
1320+00.00	MED	20.0	
1322+05.00	MED	20.0	
1323+85.00	MED	20.0	Pipe apron
1323+95.00	MED	20.0	Pipe apron
1327+15.00	MED	20.0	Pipe apron
7872+50.00	LT	20.0	Pipe apron
Total		220.0	

110-7A
04-17-12

REMOVAL OF STEEL BEAM GUARDRAIL

* Not a bid item
(1) Lane(s) to which the installation is adjacent.

Location: No.	Location: (1) Direction of Traffic	Location: Station to Station		Location: Side	Guardrail and End Terminal/Anchor* (LF)
1	WB	1315+13.97	1321+93.97	MED	650
2	WB	1317+83.25	1329+20.75	MED	1137.5
3	WB	1327+20.88	1329+33.38	OUT	212.5
Total					2000