

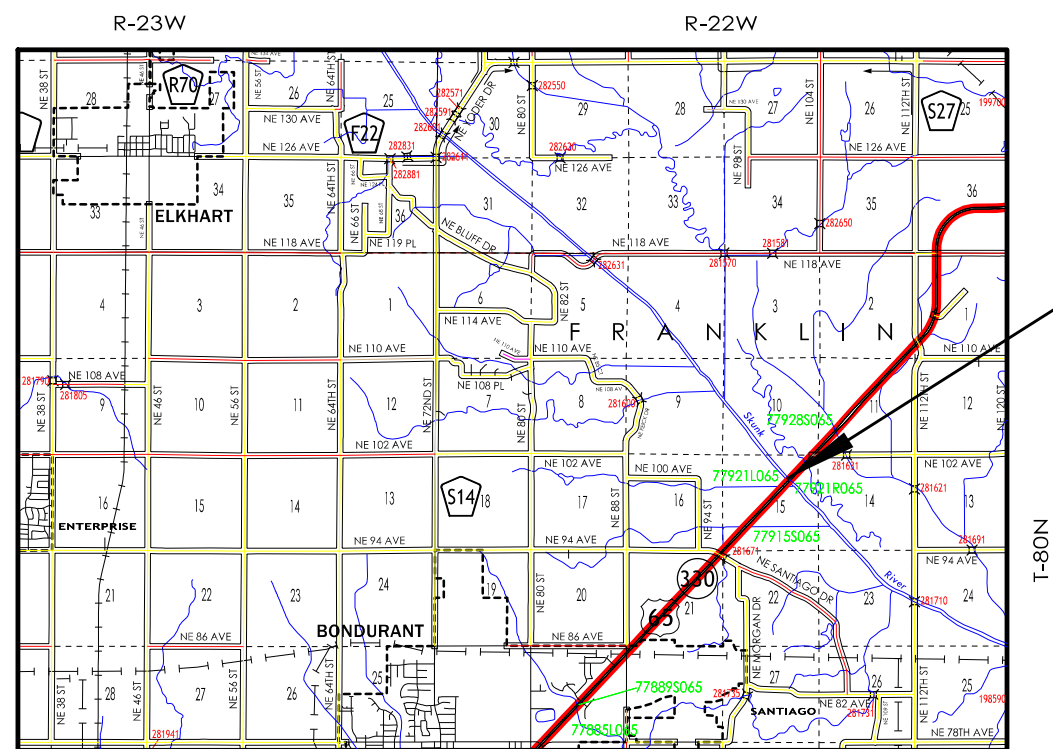


PLANS OF PROPOSED IMPROVEMENT ON THE
PRIMARY ROAD SYSTEM
POLK COUNTY
3525-Debris Removal
S Skunk River 7.6 mi N of I-80 (SB)

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



- Bridge# 7792.1L065
on IA 330 SB over South Skunk River
7.6 mi N of I-80 (SB)
FHWA #606530
MP 92.1

DESIGN DATA RURAL

2024	AADT	<u>11,800</u>	V.P.D.
20 -	AADT	<u>--</u>	V.P.D.
20 -	DHV	<u>--</u>	V.P.H.
TRUCKS		<u>14.24%</u>	%
Total			
Design ESALs		<u>--</u>	

ROADWAY DESIGN

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Signature
Devendra Tamrakar
Printed or Typed Name

04-04-2026
Date

My license renewal date is December 31, 2027

Pages or sheets covered by this seal: A.1, C.1-C.3, J.1, U.1

ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Roadway Items : Roadway Items

Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
1	2101-1001005	REMOVAL OF FLOOD DEBRIS	TON	40	Refer to DS-23021. Refer to sheet U.1 for flood debris photo. If the contractor wants to construct a temporary causeway within the South Skunk River, they will be responsible for acquiring all permits prior to the construction of the causeway. The contractor will need to coordinate with the Rock Island District U.S. Army Corps of Engineers for a Section 404 Permit and the Iowa Department of Natural Resources for a Sovereign Lands Construction Permit. The contractor should be aware that obtaining a 404 permit has been taking us up to two months and a Sovereign Lands permit could take several months. Debris is to be cleared by equipment from the riverbank, they are not to put equipment in the river.
2	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to Tab. 108-23A.
3	2533-4980005	MOBILIZATION	LS	1	--

<div><div>232-3A 10-19-21</div><div>EROSION CONTROL (RURAL SEEDING)</div><div>Area to be seeded is estimated to be less than 1 acre. If the contractor determines the area exceeds 2 acres, notify the Engineer. Approved quantity in excess of 2 acres will be paid for as extra work according to Article 1109.03,B of the Standard Specifications. Following the completion of work in a disturbed area and according to the seeding dates in Section 2601 of the Standard Specifications, place seed, fertilizer, and mulch on the disturbed area lying 8 feet adjacent to shoulder and median as follows: Place seed and fertilize according to the requirements of Article 2601.03,C,3 and Section 4169 of the Standard Specifications. Place mulch according to the requirements of Articles 2601.03,E,2,a and 4169.07,A of the Standard Specifications. Preparing the seedbed, furnishing and applying seed, fertilizer, and mulch are all incidental to mobilization and will not be paid for separately.</div></div>			<div><div>232-3C 10-19-21</div><div>EROSION CONTROL (NATIVE GRASS SEEDING)</div><div>Area to be seeded is estimated to be less than 1 acre. If the Contractor determines the area exceeds 2 acres, notify the Engineer. Approved quantity in excess of 2 acres will be paid for as extra work according to Article 1109.03,B of the Standard Specifications. Following the completion of work in a disturbed area and according to the seeding dates in Section 2601 of the Standard Specifications, place seed and mulch on the disturbed area lying 8 feet or more beyond the shoulder as follows: SEED MIX: Big bluestem (Andropogon geradii) 6 lbs. PLS/Acre (7.0 kg/ha) Indiangrass (Sorghastrum nutans) 6 lbs. PLS/Acre (7.0 kg/ha) Little bluestem (Schizachyrium scoparium) 6 lbs. PLS/Acre (7.0 kg/ha) Partridge Pea (Chamaecrista fasciculata) 4 lbs. PLS/Acre (4.5 kg/ha) Sideoats grama (Bouteloua curtipendula) 4 lbs. PLS/Acre (4.5 kg/ha) Canada wildrye (Elymus canadensis) 2 lbs. PLS/Acre (2.2 kg/ha) Switchgrass (Panicum virgatum) 1 lbs. PLS/Acre (1.1 kg/ha) Oats (Avena sativa) 32 lbs./Acre (36.0 kg/ha) Furnish Big bluestem, Indiangrass, Canada wildrye and Little bluestem that is debarred or equal to facilitate the application of seed. Furnish seed certified as Source Identified Class (Yellow Tag) Source G0-Iowa. Oats are excluded from this requirement. Place seed according to the requirements of Article 4169.02 of the Standard Specifications. Place mulch according to the requirements of Articles 2601.03,E,2,a and 4169.07,A of the Standard Specifications. Preparing the seedbed, furnishing and applying seed and mulch are incidental to mobilization and will not be paid for separately.</div></div>			<div><div>232-11 10-19-21</div><div>EROSION CONTROL (STABILIZING CROP SEEDING)</div><div>Area to be seeded is estimated to be less than 1 acre. If the contractor determines the area exceeds 2 acres, notify the Engineer. Approved quantity in excess of 2 acres will be paid for as extra work according to Article 1109.03,B of the Standard Specifications. If outside of permanent seeding dates in Section 2601 of the Standard Specifications, or if required by a storm water permit, place stabilizing crop, fertilizer, and mulch on the disturbed area as follows: Place seed and fertilize according to the requirements of Article 2601.03,C,1 and Section 4169 of the Standard Specifications. Place mulch according to the requirements of Articles 2601.03,E,2,a and 4169.07,A of the Standard Specifications. Preparing the seedbed, furnishing and applying seed, fertilizer, and mulch are incidental to mobilization and will will not be paid for separately.</div></div>		
<div><div>262-6 10-18-05</div><div>UTILITIES (NOT A POINT 25 PROJECT)</div><div>This is NOT a POINT 25 project and is not subject to the provisions of IAC 761-115.25.</div></div>			<div><div>281-1 10-18-16</div><div>SECTION 404 PERMIT AND CONDITIONS</div><div>Construct this project according to the requirements of U.S. Army Corps of Engineers Nationwide, Permit No. 3. A copy of this permit is available from the Iowa DOT website (http://www.envpermits.iowadot.gov/). The U.S. Army Corps of Engineers reserves the right to visit the site without prior notice.</div></div>					
FILE NO.	ENGLISH	DESIGN TEAM	VORTHERMS\ADEY\TAMRAKAR	POLK COUNTY	PROJECT NUMBER	MB-065-1(511)92--77-77	SHEET NUMBER	C.3

108-23A
08-01-08

TRAFFIC CONTROL PLAN

1. Through traffic will be maintained on the project at all times.

2. Traffic control on this project shall be in accordance with the Standard Road Plans listed in Tab. 105-4.

108-25
10-21-14

511 TRAVEL RESTRICTIONS

Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No., Structure ID, or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
IA 330	SB	Polk	S Skunk River 7.6 mi N of I-80 (SB)	South Skunk River	Bridge	7792.1L065	Horizontal					FHWA #606530

FILE NO.

ENGLISH

DESIGN TEAM VORTHERMS\ADEY\TAMRAKAR

POLK COUNTY

PROJECT NUMBER MB-065-1(511)92--77-77

SHEET NUMBER J.1

3/18/2026

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PHOTO OF FLOOD DEBRIS