

Summary of Quantities

Item No.	#	Item	Section	Quantity	Unit	Rates/Remarks
NRM20110	1	Special Clearing	201	1	L SUM	
NRM20210	2	Earth Excavation	202	28,636	CU YD	Compaction in accordance with Sec. 205
NRM25040	3	Nitrogen Fertilizer Nutrient	250	1,080	POUND	120 pounds/acre-application
NRM25050	4	Phosphorus Fertilizer Nutrient	250	900	POUND	100 pounds/acre-application
NRM25060	5	Potassium Fertilizer Nutrient	250	3,150	POUND	350 pounds/acre-application
NRM25070	6	Agricultural Ground Limestone	250	45	TON	10 tons/acre
25000300	7	Seeding Class 3	IDOT 250	2.2	ACRE	Northern Illinois Slope Mixture - Embankment Area
25000322	8	Seeding Class 5A	IDOT 250	2.3	ACRE	Large Flower Native Forb Mixture - Borrow Area
25100115	9	Mulch Method 2	IDOT 251	2.6	ACRE	2 tons/acre, Procedure 1
NRM25810	10	Mowing	258	2.6	ACRE	
NRM28040	11	Perimeter Erosion Barrier (Rolled Excelsior)	280	1,005	FOOT	Rolled Excelsior, 12" DIA
NRM28045	12	Perimeter Erosion Barrier (Silt Filter Fence)	280	718	FOOT	
28100107	13	Stone RR, Class A4 (for ditches)	IDOT 281	167	SQ YD	
28100801	14	Stone Dumped Riprap, Class A1	IDOT 281	1,321	TON	
28100805	15	Stone Dumped Riprap, Class A3	IDOT 281	16,881	TON	
28200200	16	Filter Fabric	IDOT 282	3,322	SQ YD	
NRM28610	17	Special Excelsior Blanket	286	8,949	SQ YD	No mulch over special excelsior blanket
40200800	18	Aggregate Surface Course, Type B	IDOT 402	415	TON	See special note below.
44201683	19	Class D Patches, Type III, 3 inch	IDOT 442	2,000	SQ YD	Ndesign = 50
542C0215	20	Pipe Culverts, Class C, Type 1, 10"	IDOT 542	25	FOOT	
54261910	21	Aluminum Flared End Sections, 10"	IDOT 542	2	EACH	
NRM56303	22	Adjusting Water Service Lines	563	704	FOOT	
NRM67110	23	Mobilization (Max. 6% of Bid)	671	1	L SUM	

Schedule of Seeding, Fertilizer Nutrients, Mulch and Mowing

ITEM	October 15, 2021 - December 1, 2021	Mowing Date to be set by the Engineer	May 15, 2022 - June 30, 2022	TOTAL QUANTITY
SEEDING	2.2 Acres (Class 3) 2.3 Acres (Class 5A)			4.5 Acres
AGRICULTURAL GROUND LIMESTONE	45 Tons (10 Tons/Acre)			45 Tons
NITROGEN FERTILIZER NUTRIENT	540 Pounds (120 Pounds/Acre)		540 Pounds (120 Pounds/Acre)	1,080 Pounds
PHOSPHORUS FERTILIZER NUTRIENT	450 Pounds (100 Pounds/Acre)		450 Pounds (100 Pounds/Acre)	900 Pounds
POTASSIUM FERTILIZER NUTRIENT	1,575 Pounds (350 Pounds/Acre)		1,575 Pounds (350 Pounds/Acre)	3,150 Pounds
MULCH, METHOD 2 PROCEDURE 1	2.6 Acres (2 Tons/Acre)			2.6 Acres
MOWING		2.6 Acres		2.6 Acres

GENERAL NOTES

Unless otherwise noted on the plans, all disturbed areas within the construction limits will be amended with agricultural ground limestone, fertilizer nutrients, seeded, and mulched at the required rates specified in the plans.

The Contractor is responsible for visiting the site and getting familiar with the existing conditions and the proposed reclamation work prior to submitting a bid.

The Contractor shall provide and pay for all field engineering services to execute the project as specified in the Field Engineering section of the Special Provisions.

The Contractor is responsible for locating and protecting all existing utility lines pertaining to the work.

Unless noted on the plans, all onsite access roads may be used for construction and must be maintained during construction and restored to original or better condition at the completion of work by the Contractor. Access roads to the site as designated in the plans are to be maintained to the satisfaction of the Engineer.

The construction limits shall be staked by the Contractor prior to construction. The Contractor is responsible for the repair and/or restitution at his/her own expense for all damages done to any area outside the construction limits.

Application rates specified in the plans are shown in the Summary of Quantities - Rates/Remarks column.

CONSTRUCTION NOTES

BURIAL/REMOVAL OF MATERIAL - Concrete and masonry debris designated for burial by the Engineer shall be buried at least three feet below the proposed final grade. Onsite organic debris and trash shall be disposed of in an Engineer approved offsite landfill in accordance with Sections 201 and 501 of the Special Provisions.

TREE REMOVAL - Trees removed shall be disposed of onsite per Section 201 of the Special Provisions.

EROSION CONTROL - The Contractor shall schedule his operations and take such precautions that may be necessary to prevent or minimize erosion. Failure to comply with this requirement shall cause the Contractor to be fully responsible for repairing any eroded areas and cleaning up areas or drainage structures that have become silted in or damaged.

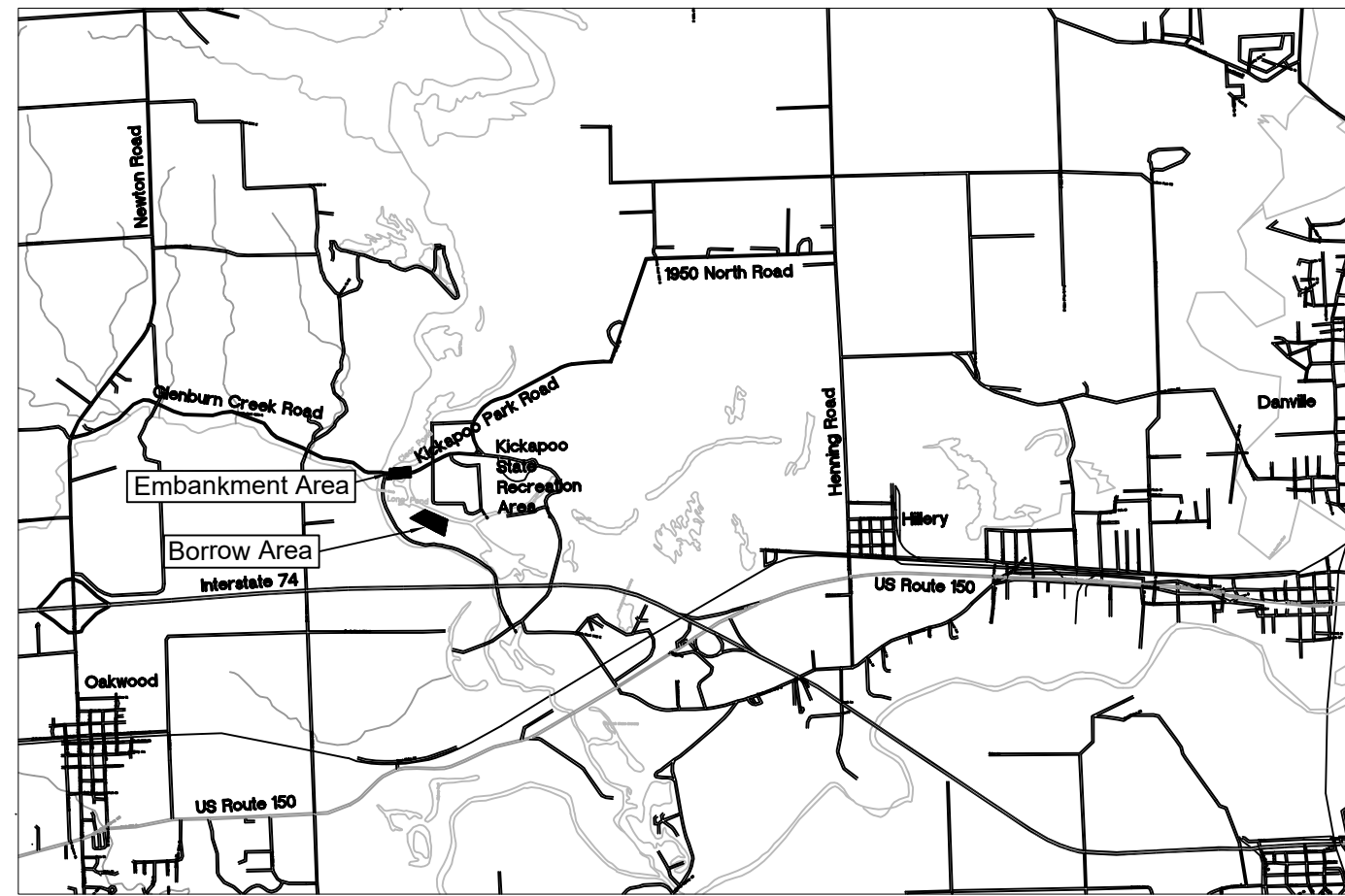
AGRICULTURAL GROUND LIMESTONE - Immediately prior to seed bed preparation, fertilizer nutrients and agricultural ground limestone shall be uniformly spread at the rates specified in the plans.

MULCHING - Within 24 hours from the time seeding has been performed, the seeded area shall be given a covering of mulch at the rates specified in the plans. The mulch is to be anchored into the soil in accordance with the requirements for Method 2, Procedure 1 of Article 251.03 of the Standard Specifications. If Excelsior or Special Excelsior Blanket is to be used, the blanket shall be placed the same day that the areas are seeded.

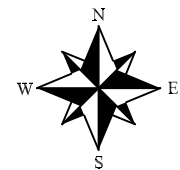
SPECIAL NOTE

Rock quantities to be placed as fill below the water level are based on average end areas of cross sections plus 30% to account for estimated losses.

415 tons of Aggregate Surface Course, Type B are available for any necessary roadway repairs, including the Red Ear Campground roads accessing the borrow area.



Location Map



Revised 02/25/2021

State of Illinois
Department of Natural Resources
Office of Mines and Minerals
Abandoned Mined Lands Reclamation Division

Kicksapoo SRA Embankments
Reclamation Project
AML-GV#E-1904
Vermilion County

Drawn By: M.-L. Flowers
Checked By: T. Fought
Reviewed By: B. Johnson
Date: 04/2019
Date: 04/2020
Date: 02/2021

Summary of Quantities/
General Notes/Location Map
Sheet
2 of 10