Summary of Quantities

Item No.	#	Item	Section	Quantity: C, W, & V No.1	Quantity: Moon Creek	Quantity: Old Sowerby	Quantity: Total	Unit	Rates/Remarks
NRM20110	1	Special Clearing	201	0.25	0.25	0.50	1	L SUM	
NRM20210	2	Earth Excavation	202	–	–	17,303	17,303	CU YD	Compact per Section 205
NRM20230	3	Mine Refuse Excavation	202	–	–	11,747	11,747	CU YD	Compact per Section 205
NRM21510	4	Special Excavation	215	256	210	77	543	CU YD	
NRM21621	5	CA Fill – CA1	216	63	96	–	159	TON	
NRM21626	6	CA Fill – CA6	216	666	420	66	1,152	TON	
NRM21643	7	Rockfill – RR 3	216	25	71	28	124	TON	
NRM25040	8	Nitrogen Fertilizer Nutrient	250	60	60	1,320	1,440	POUND	120 lbs./acre/application
NRM25050	9	Phosphorous Fertilizer Nutrient	250	50	50	1,100	1,200	POUND	100 lbs./acre/application
NRM25060	10	Potassium Fertilizer Nutrient	250	175	175	3,850	4,200	POUND	350 lbs./acre/application
NRM25070	11	Agricultural Ground Limestone	250	5	5	55	65	TON	10 tons/acre
NRM25090	12	Seeding	250	0.5	0.5	5.5	6.5	ACRE	
25100115	13	Mulch – Method 2 – Procedure 1	IDOT 251	0.5	0.5	5.5	6.5	ACRE	2 tons/acre
NRM25510	14	Mine Refuse Treatment – Limestone	255	–	–	78	78	TON	30 tons/acre
NRM25810	15	Mowing	258	–	–	5.5	5.5	ACRE	
NRM28040	16	Perimeter Erosion Barrier	280	–	–	600	600	FOOT	silt filter fence
28100107	17	Riprap – Stone Class A4	IDOT 281	–	–	560	560	SQ YD	
28200200	18	Filter Fabric	IDOT 282	–	–	560	560	SQ YD	
66500105	19	Woven Wire Fence – 4' High	IDOT 665	–	–	374	374	FOOT	
NRM66610	20	Mine Opening Marker	666	–	1	1	2	EACH	
NRM67110	21	Mobilization	671	0.25	0.25	0.50	1	L SUM	

Schedule of Seeding, Fertilizer Nutrients and Mulch

ITEM (unit)	March 1, 2020 thru April 20, 2020	August 1, 2020 thru September 1, 2020	TOTAL QUANTITY
SEEDING (acres)	6.5		6.5
AGRICULTURAL GROUND LIMESTONE (tons)	65 10 tons/acre		65
NITROGEN FERTILIZER NUTRIENT (pounds)	780 120 lbs./acre	660 120 lbs./acre Old Sowerby Mine Only	1,440
PHOSPHOROUS FERTILIZER NUTRIENT (pounds)	650 100 lbs./acre	550 100 lbs./acre Old Sowerby Mine Only	1,200
POTASSIUM FERTILIZER NUTRIENT (pounds)	2,275 350 lbs./acre	1,925 350 lbs./acre Old Sowerby Mine Only	4,200
MULCH, METHOD 2 PROCEDURE 1 (acres)	6.5 2 tons/acre		6.5
MOWING (acres)		5.5 Old Sowerby Mine Only	5.5

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 familiarizing himself 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 will be staked by the contractor prior to construction. The contractor is responsible for the repair and or restitution at his 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 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.

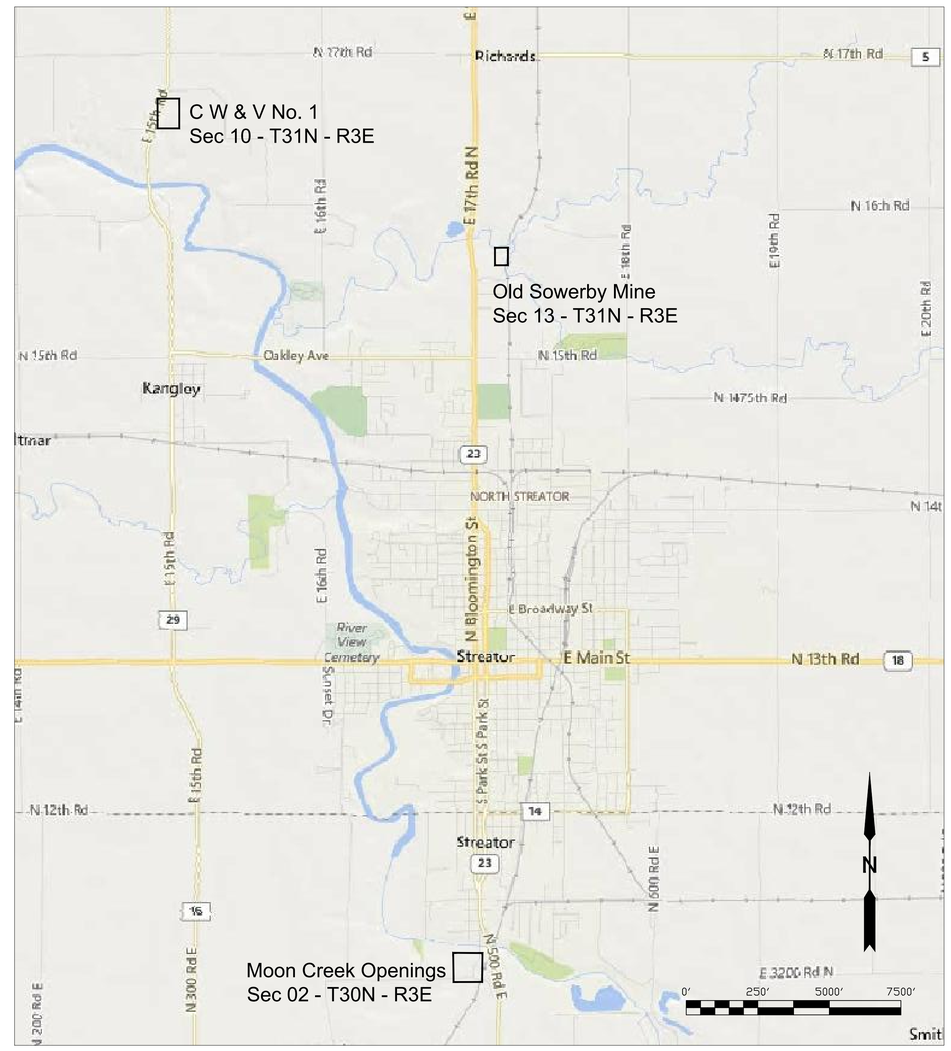
TREE REMOVAL – Trees removed shall be disposed of onsite per Section 201 of the Special Provisions. Tree removal must be completed between October 15, 2019 and March 31, 2020.

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.

MINE REFUSE TREATMENT –After mine refuse has been graded to the subgrade shown in the plans, agricultural ground limestone shall be uniformly spread at the rate specified in the plans. A three–inch layer of soil shall then be spread over the mine refuse treatment area and blended to a depth of six inches with an industrial offset disk approved by the Engineer. Treated areas shall then be covered with soil as specified.



LOCATION MAP

State of Illinois
Department of Natural Resources

Old Sowerby Mine Group
Reclamation Project
AML-GLsE-1804
LaSalle & Livingston Counties

Drawn By: V. Patel Date: 11/2018
Checked By: T. Faught 5/2019

Summary of Quantities/
General Notes
Sheet
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