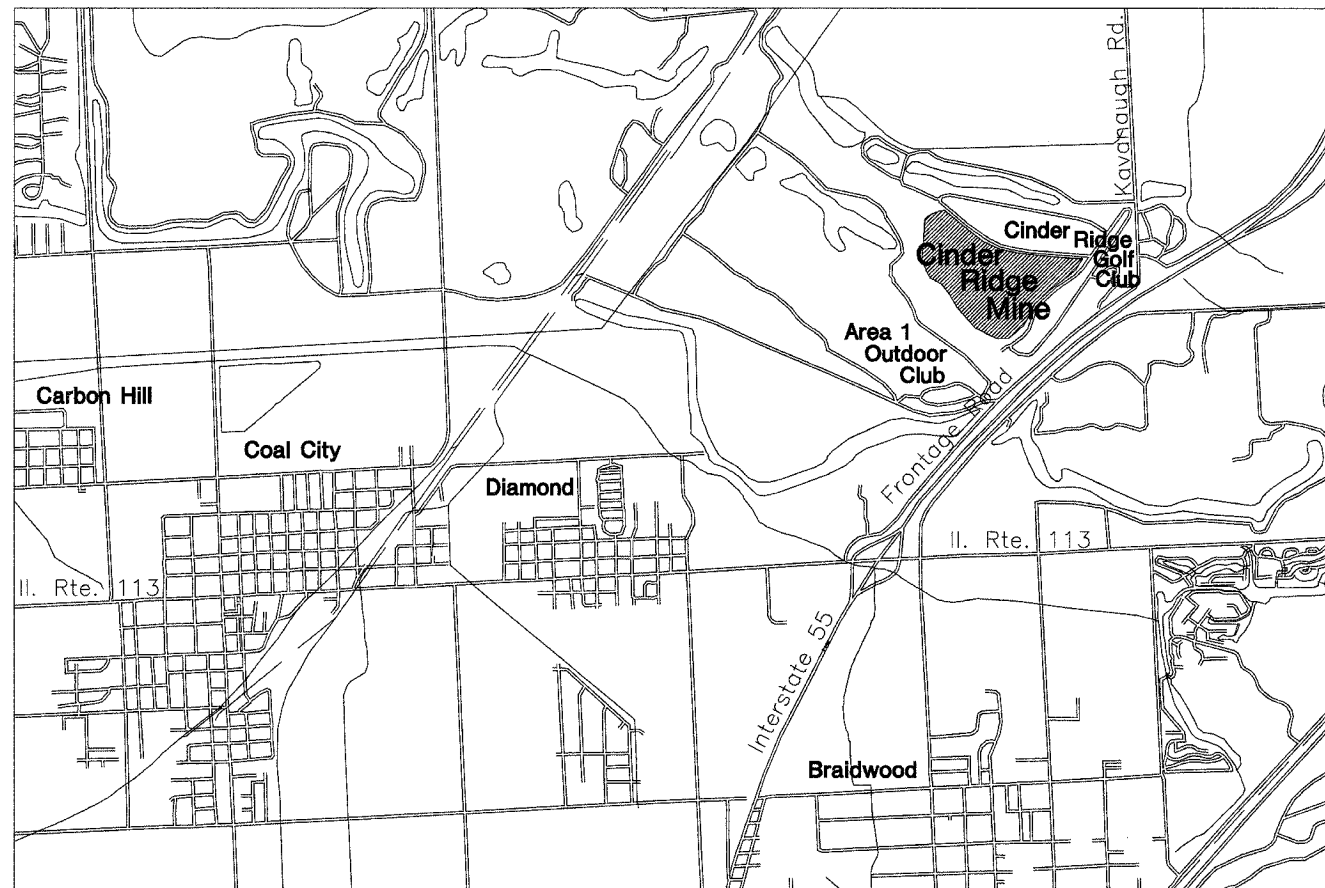


Summary of Quantities					
#	Item	Section	Quantity	Unit	Rates/Remarks
1	Special Clearing	201	1	L.S.	
2	Earth Excavation	202	524,448	C.Y.	Compaction Required per Section 205
3	Mine Refuse Excavation	202	285,887	C.Y.	
4	Seeding	250	137	Acre	
5	Nitrogen Fertilizer Nutrient	250	20,880	Pound	120 Lbs./Acre
6	Phosphorous Fertilizer Nutrient	250	24,360	Pound	140 Lbs./Acre
7	Potassium Fertilizer Nutrient	250	17,400	Pound	100 Lbs./Acre
8	Agricultural Ground Limestone	250	274	Ton	2 Tons/Acre
9	Mulch, Method 2, Procedure 2	IDOT 251	137	Acre	2 Tons/Acre
10	Erosion Control Blanket	IDOT 251	8,733	S.Y.	
11	Mine Refuse Treatment - Water Plant Lime	255	13,225	C.Y.	115 C.Y./Acre in 2 Lifts
12	Mowing	258	137	Acre	
13	Biosolids Placement	260	100	Acre	See Special Provision for Incorporation Method
14	Perimeter Erosion Barrier	IDOT 280	4,380	Foot	
15	Stone Riprap A-4	IDOT 281	1,000	S.Y.	
16	Filter Fabric for use w/Riprap	IDOT 282	1,000	S.Y.	
17	Aggregate Surface Course, Type B, CA-1	IDOT 402	174	Ton	
18	Aggregate Surface Course, Type B, CA-6	IDOT 402	973	Ton	
19	Pipe Culvert 36" Dia. Corrugated PE Pipe with Smooth Interior, Type I	IDOT 542	140	Foot	See Sheet 11
20	Mobilization (Max. 6% of Bid)	671	1	L.S.	



Location Map



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.

DEWATERING-In accordance with Article 202.08, the contractor shall perform dewatering of existing impoundments and of areas of excavation and fill as necessary to perform the specified work. Dewatering shall be incidental to the Contract price for Earth Excavation.

ACID WATER TREATMENT-If acid mine drainage treatment is determined necessary by the engineer, and not otherwise specified in the plans, any water treatment will be paid for in accordance with Article 109.04 of the Standard Specifications.

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 2 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, water plant lime shall be uniformly spread at the rate specified in the plans. A 3 inch layer of soil shall then be spread over the mine refuse treatment area and blended to a depth of 6 inches with an industrial offset disk approved by the engineer. Treated areas shall then be covered with 27 to 33 inches of soil and approximately 6 inches of biosolid material as specified and as shown on the plans and cross-sections.

NOTE: Area of Biosolid placement will not require March 1 - April 20, 2005 fertilizer application.

Schedule of Seeding, Fertilizer Nutrients, Mulch and Mowing				
ITEM (unit)	March 1- April 20, 2005	June 15 - July 15, 2005	Sept. 1 - Sept. 20, 2005	TOTAL QUANTITY
SEEDING (acres)	137 Acres			137 Acres
AGRICULTURAL GROUND LIMESTONE (tons)	274 Tons 2 Tons/Acre			274 Tons
NITROGEN FERTILIZER NUTRIENT (pounds)	4,440 Lbs. 120 Lbs./Acre		16,440 Lbs. 120 Lbs./Acre	20,880 Lbs.
PHOSPHOROUS FERTILIZER NUTRIENT (pounds)	5,180 Lbs. 140 Lbs./Acre		19,180 Lbs. 140 Lbs./Acre	24,360 Lbs.
POTASSIUM FERTILIZER NUTRIENT (pounds)	3,700 Lbs. 100 Lbs./Acre		13,700 Lbs. 100 Lbs./Acre	17,400 Lbs.
MULCH, METHOD 2 PROCEDURE 2 (acres)	137 Acres 2 Tons/Acre			137 Acres
MOWING (acres)		137 Acres		137 Acres

Drawn By: R.T.M.
Checked By: [Signature]
Date: 03/08/04