Summary of Quantities					
#	Item	Section	Quantity	Unit	Rates/Remarks
1	Special Clearing	201	1	L.S.	
2	Earth Excavation	202	8,744	C.Y.	COMPACTION SHALL BE IN ACCORDANCE WITH SECTION 205 OF THE SPECIAL PROVISIONS
3	Mine Refuse Excavation	202	22,059	C.Y.	
4	Special Excavation	214	178	C.Y.	
5	Riprap Fill, C-4	216	199.9	TON	
6	CA Fill, CA-2	216	26.6	TON	
7	Filter Fabric for use with Riprap	216	54	S.Y.	
8	Seeding	250	12.0	ACRE	
9	Nitrogen Fertilizer Nutrient	250	2,400	POUND	100 LB / ACRE - TWICE
10	Phosphorus Fertilizer Nutrient	250	1,800	POUND	150 LB / ACRE
11	Potassium Fertilizer Nutrient	250	4,200	POUND	350 LB / ACRE
12	Agricultural Ground Limestone	250	120.0	TON	10 TON / ACRE
13	Mulch, Method 2, Procedure 2	IDOT 251	12.0	ACRE	2 TON / ACRE
14	Mine Refuse Treatment - Limestone	255	20.0	TON	40 TON / ACRE AT EXPOSED SLURRY
15	Mowing	258	12.0	ACRE	
16	Special Excelsior Blanket	286	671	S.Y.	8' WIDTH
17	Removal of Existing Structures	501	1	L.S.	
18	Fine Aggregate Fill Material	501	2,200.0	TON	
19	Dewatering Impoundments	614	1	L.S.	
20	Mine Opening Marker	666	2	EACH	
21	Mobilization (Max. 6% of Bid)	671	1	L.S.	

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. Access roads to the site as designated on 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 foot 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.

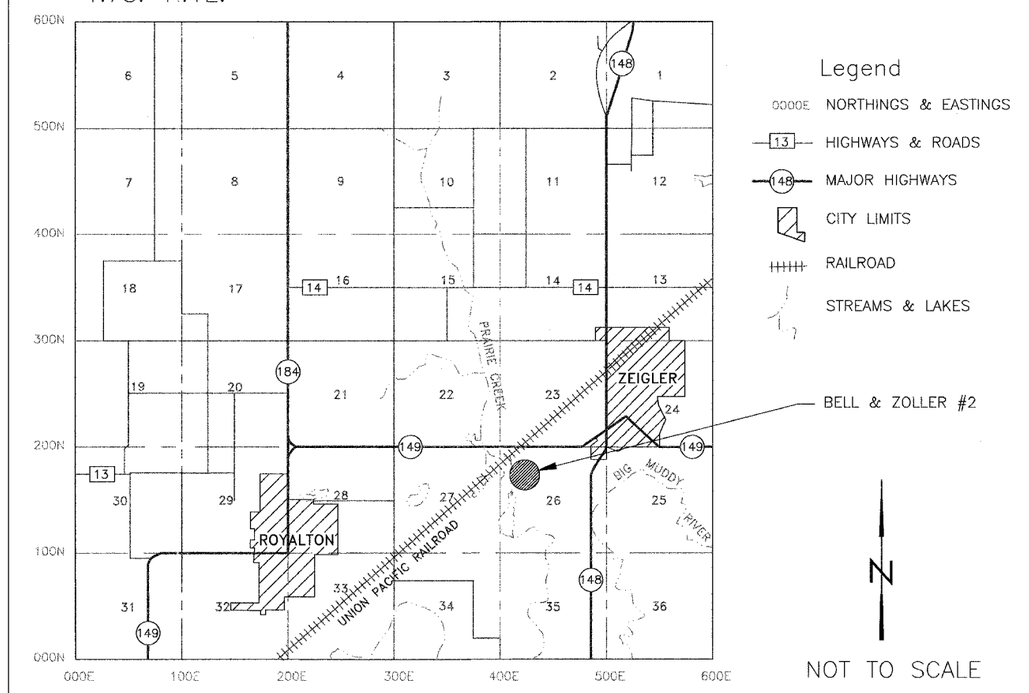
ACID WATER TREATMENT-Acid mine drainage treatment shall be in accordance with Section 614 of the Special Provisions.

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 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 (on areas shown on plans)-Agricultural ground limestone shall be uniformly spread over the exposed slurry area at a rate specified in the plans. A 3 inch layer of mine refuse 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. The treated area shall then be covered with additional mine refuse and soil as directed in the plans.



Location Map

Schedule of Seeding, Fertilizer Nutrients and Mulch				
ITEM (unit)	INITIAL APPLICATION FALL 2006 AUG 20 - SEPT 30	SECOND APPLICATION SPRING 2007 JAN 1 - MARCH 15	MOWING SUMMER 2007	TOTAL QUANTITY
SEEDING (acres)	12.0		(EXACT DATE TO BE SET BY ENGINEER)	12.0
NITROGEN FERTILIZER NUTRIENT (pounds)	1,200	1,200		2,400
PHOSPHOROUS FERTILIZER NUTRIENT (pounds)	1,800			1,800
POTASSIUM FERTILIZER NUTRIENT (pounds)	4,200			4,200
AGRICULTURAL GROUND LIMESTONE (tons)	120.0			120.0
MULCH, METHOD 2 PROCEDURE 2 (acres)	12.0			12.0
MOWING (acres)			12.0	12.0

State of Illinois
Department of Natural Resources

Bell & Zoller #2 Mine
Reclamation Project
AML-GFrE-0413
Franklin County

Drawn By: JLU Date: 10/11/05
Checked By:

Summary of Quantities/
General Notes/Location Map

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