

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

Funded by the
United States Department of Interior
Federal Office of Surface Mining

Banner Mine Remedial
Reclamation Project
AML-GPoE-0502
Peoria County
2LR

Banner Mine Remedial
Peoria County



Pre-Bid Meeting:

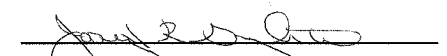
A pre-bid meeting is scheduled for this project at 9:00 A.M.
Friday, June 9, 2006 at the Banner Marsh Fish and Wildlife Area
main entrance.

SCHEDULE OF DRAWINGS:

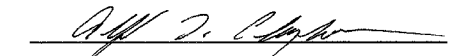
1. Cover Sheet
2. Summary of Quantities/General Notes/Location Map
3. Existing and Proposed Conditions

Prepared By IDNR Staff

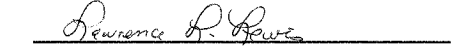
Approved for Bidding:


Joseph R. Angleton, Director
Office of Mines and Minerals

Approved By:


Alfred L. Clayborne, Manager
AML Division

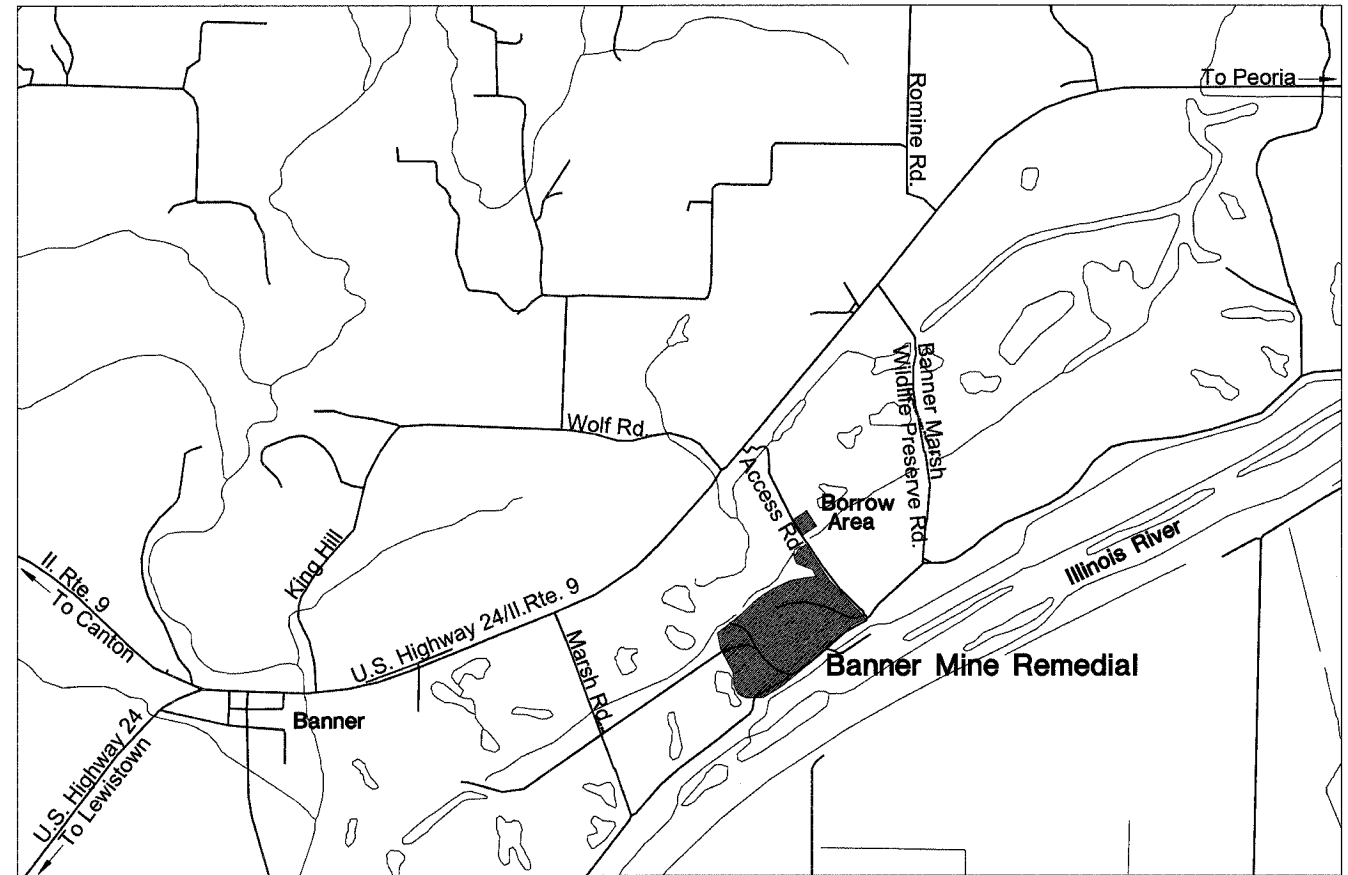
Approved By:


Lawrence L. Lewis, P.E.
IL Licensed Professional Engineer
No. 0062-038880



Summary of Quantities					
#	Item	Section	Quantity	Unit	Rates/Remarks
1	Special Clearing	201	1	L.S.	
2	Borrow Excavation	204	12,253	C.Y.	* See note below
3	Seeding - Class 1	250	5	Acre	
4	Nitrogen Fertilizer Nutrient	250	600	Pound	120 pounds/Acre
5	Phosphorous Fertilizer Nutrient	250	750	Pound	150 pounds/Acre
6	Potassium Fertilizer Nutrient	250	1,250	Pound	250 pounds/Acre
7	Agricultural Ground Limestone	250	276	Ton	4 tons/Acre
8	Mulch, Method 2, Procedure 2	IDOT 251	5	Acre	2 tons/Acre
9	Mine Refuse Treatment - Limestone	255	200	Ton	50 tons/Acre
10	Mobilization (Max. 6% of Bid)	671	1	L.S.	

* Borrow Excavation to be placed at 2 foot depth over areas indicated on the plans (see "Mine Refuse Treatment" note below)



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.

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, agricultural ground limestone 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 21 inches of soil in two separate lifts.

Areas to be Treated with Borrow Excavation Note:

All "Areas to be treated with Borrow Excavation" are to be graded smooth in order to provide a uniform base, (4 Acres of site grading required, incidental to Borrow Excavation) "Areas to be treated with Borrow Excavation" are then to receive Mine Refuse Treatment - Limestone at a rate of 50 tons per acre (200 tons required) and covered with 24 inches of Borrow Excavation. (see "Mine Refuse Treatment" Construction note - this sheet) All disturbed areas are to be limed, fertilized, seeded and mulched as specified. Approximate location of areas to be treated are shown on sheet 3. The actual locations shall be determined in the field by the project engineer. All remaining areas within the construction limits are to be limed, (broadcast at 4 tons/acre).

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Drawn By: T.M.
Checked By: S/17/SK
Date: May 17, 2006

Summary of Quantities/
General Notes/Location Map
Sheet
2 of 3

Note: Proposed Borrow Area is to be excavated down to an Elevation of 433 Ft. Excavated Slopes shall be no steeper than 4H:1V.



Drawn By: T.M. Date: 5/12/06
Checked By: J.A.S. 5/17/06