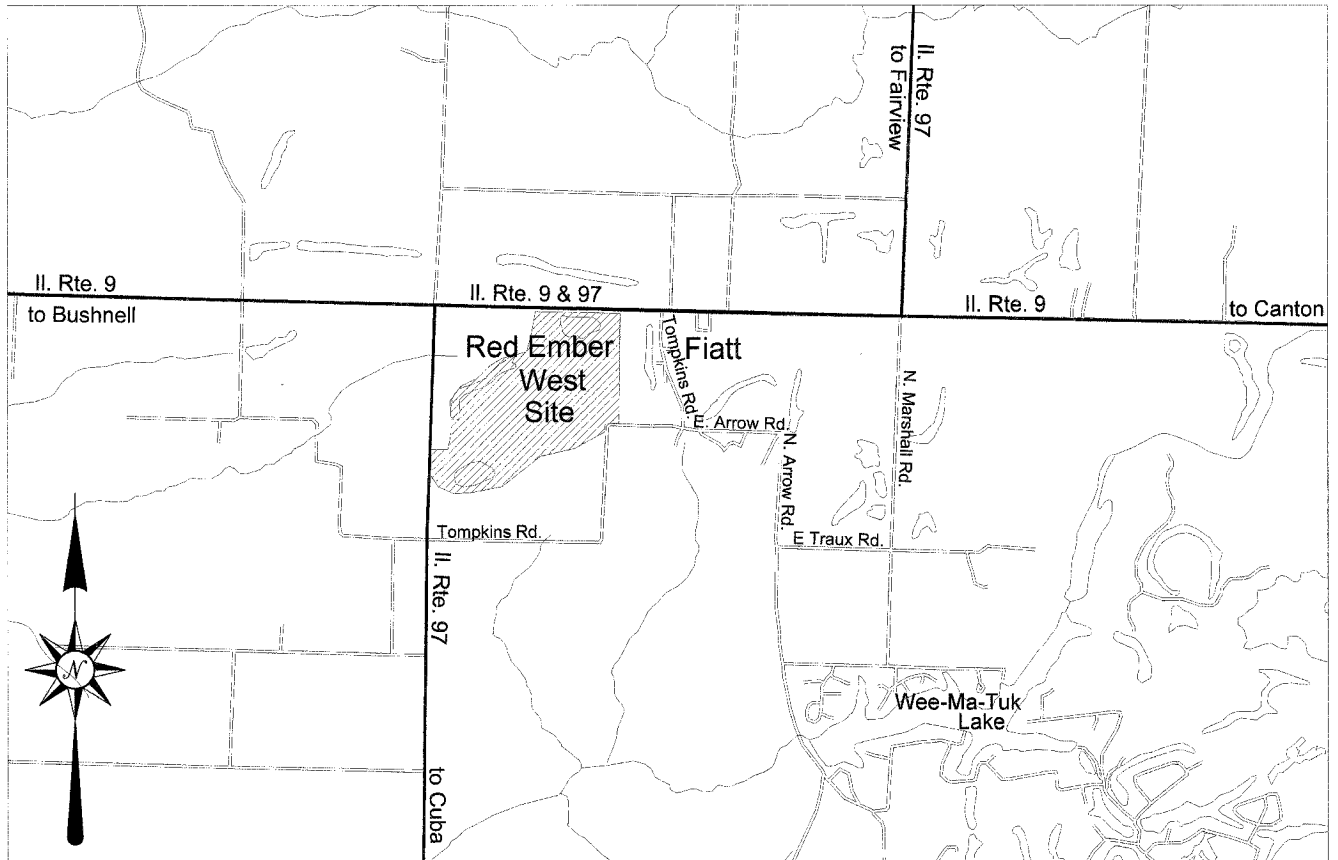


Summary of Quantities

#	Item	Section	Quantity	Unit	Rates/Remarks
1	Special Clearing	201	1	L.S.	
2	Earth Excavation	202	702,313	C.Y.	Compaction Required per SP 205
3	Mine Refuse Excavation	202	299,848	C.Y.	
4	Seeding	250	160	Acre	See Schedule This Sheet
5	Nitrogen Fertilizer Nutrient	250	38,400	Pound	See Schedule This Sheet
6	Phosphorous Fertilizer Nutrient	250	64,000	Pound	See Schedule This Sheet
7	Potassium Fertilizer Nutrient	250	96,000	Pound	See Schedule This Sheet
8	Agricultural Ground Limestone	250	320	Ton	See Schedule This Sheet
9	Mulch, Method 2, Procedure 2	IDOT 251	160	Acre	See Schedule This Sheet
10	Erosion Control Blanket	IDOT 251	9,661	S.Y.	
11	Mine Refuse Treatment - Limestone	255	2,050	Ton	50 Ton/Acre
12	Mowing	258	160	Acre	See Schedule This Sheet
13	Coal Combustion By-Products Placement	259	200,000	Ton	See Special Note This Sheet
14	Perimeter Erosion Barrier	IDOT 280	1,505	Foot	
15	Stone Riprap A-4	IDOT 281	257	S.Y.	
16	Filter Fabric for use w/Riprap	IDOT 282	257	S.Y.	
17	Aggregate Surface Course Type B, CA-1	IDOT 402	395	Ton	
18	Aggregate Surface Course Type B, CA-6	IDOT 402	59	Ton	
19	Pipe Culvert 15" Corrugated Steel Culvert Pipe, Type 1	IDOT 542	80	Foot	
20	Steel End Section 15" Dia.	IDOT 542	4	Each	
21	Pipe Culvert 36" Corrugated Polyethylene(PE) with a Smooth Interior	IDOT 542	50	Foot	
22	Dewatering Impoundment 1	614	1	L.S.	
23	Dewatering Impoundment 2	614	1	L.S.	
24	Dewatering Impoundment 3	614	1	L.S.	
25	Dewatering Impoundment 5	614	1	L.S.	
26	Woven Wire Fence 4' High	IDOT 665	3,536	Foot	IDOT Standard 656001
27	Woven Wire Double Gate 24' Wide	IDOT 665	2	Each	IDOT Standard 656001
28	Mobilization (Max. 6% of Bid)	671	1	L.S.	



Location Map

Special Note:

Coal Combustion By-Products - In accordance with Article 259 of the Special Provisions, Approximately 109,518 tons of CCB's shall be placed as CCB fill to backfill Impoundments and 90,482 tons of CCB's shall be spread in lifts in Mine Refuse/CCB fill areas.

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.

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, 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.

ITEM (unit)	August 1, 2008 - Sept. 1, 2008	April 1, 2009 - May 15, 2009	June 1, 2009 - June 30, 2009	TOTAL QUANTITY
SEEDING (acres)	160			160
AGRICULTURAL GROUND LIMESTONE (tons)	320 Tns 2 Tons/Acre			320 Tons
NITROGEN FERTILIZER NUTRIENT (pounds)	19,200 Pounds 120 Lb./Acre	19,200 Pounds 120 Lb./Acre		38,400 Pounds
PHOSPHOROUS FERTILIZER NUTRIENT (pounds)	32,000 Pounds 200 Lb./Acre	32,000 Pounds 200 Lb./Acre		64,000 Pounds
POTASSIUM FERTILIZER NUTRIENT (pounds)	48,000 Pounds 300 Lb./Acre	48,000 Pounds 300 Lb./Acre		96,000 Pounds
MULCH, METHOD 2 PROCEDURE 2 (tons)	160 Acres 2 Tons/Acre			160 Acres
MOWING (acres)			160 Acres	160 Acres

State of Illinois
Department of Natural Resources

Red Ember - West
Reclamation Project
AML-GFuE-0504
Fulton County

Drawn By: T.M.
Checked By:
Date: Feb. 7, 2007

Summary of Quantities/
General Notes/Location Map
Sheet
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