



**US Army Corps
of Engineers**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	CPM-MVK-2011-1237
EVALUATOR:	Ms. Charlene P. Mosley
PHONE NO.:	(601) 631-5264
FAX NO.:	(601) 631-5459
E-MAIL:	Charlene.P.Mosley@usace.army.mil
DATE:	January 15, 2015
EXPIRATION DATE:	February 5, 2015

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District is considering an application for a Department of the Army permit for the work described herein. Comments should be forwarded to the Vicksburg District, Attention: CEMVK-OD-F, 4155 Clay Street, Vicksburg, MS 39183-3435.

Application also has been made to the Louisiana Department of Environmental Quality, Office of Environmental Services for a Water Quality Certification in accordance with La. R.S. 30.2074(A)(93), and Section 401 of the Clean Water Act (P.L. 95-217). Additional information is on file with the above office, and may be inspected at any time between 8:00 a.m. and 4:30 p.m. weekdays. Copies may be obtained upon payment of cost of copying. Comments concerning the application can be filed with the Office of Environmental Services within 20 days of this notice to the following address: Office of Environmental Services, P. O. Box 4313, Baton Rouge, LA 70821-4313.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged or fill material into waters of the United States.

Name of Applicant:

Gordon L. Shaw
Dolet Hills Lignite Company
377 Highway 522
Mansfield, Louisiana 71052

Name of Agent:

Edward F. Janak, Jr., CPSS
200 North 13th Street, Suite 113
Corsicana, Texas 75110

Location of Work: Sections 2-5, 7-11, 15-18, and 20-22, T11N-R10W; Sections 11 and 12, T11N-R11W; latitude 31.946389N, longitude -93.400556W, within the Bayou Pierre drainage basin, DeSoto, Natchitoches, and Red River Parishes, Louisiana.

Description of Work: (See enclosed map and drawings.)

The following descriptions of the proposed project and associated impacts are based upon information provided by the applicant. The applicant is applying for a Department of the Army permit to discharge dredged and/or fill material in Desoto, Natchitoches and Red River Parishes, Louisiana. The purpose of the work is to continue supplying lignite to the CLECO power plant for electric power generation.

The proposed mining site covers approximately 15,427 acres, which consists of 13,750 acres of non-wetlands, 1,393.4 acres of forested wetlands, 125.1 acres of emergent wetlands, 154.4 acres of open water, and 41,242 linear feet (lf) of streams. As indicated on the attached maps, the project would proceed in three time phases: Phase I – 2016 to 2020, Phase II – 2021 to 2025, and Phase III – 2026 and beyond. During the life of the project (all three phases), approximately 405 acres of jurisdictional wetlands and 11,362 linear feet of streams (150 lf of perennial stream, 4,843 lf of intermittent stream and 6,369 lf of ephemeral stream) would be impacted. Of these totals, approximately 168 acres of jurisdictional wetlands (52 acres of emergent wetlands and 116 acres of forested wetlands) and 150 lf of perennial stream would be impacted during Phase I (2016 to 2020).

The proposed site would be a continuation of ongoing surface coal mining operations. Mining operations in the project area would consist of infrastructure construction to support mining operations, overburden removal, lignite removal and reclamation of impacted areas, including restoration of waters of the United States following completion of mining. Infrastructure construction would include a dragline walkway, a utility corridor, slurry walls, diversions, roads, and sedimentation ponds. Approximately 1,200 cubic yards of fill would be used for the construction of the dragline walkway and utility corridor, and approximately 1,000 cubic yards would be discharged into waters of the United States by mining and related activities. The fill material would be obtained from the upland portions of the project area, and a clean off-site source.

Wetland vegetation within the project area consists of overcup oak and willow oak, black willow, water locust, and persimmon. The herbaceous layer of the vegetation in these areas consists of swamp smartweed, rough cocklebur, annual marsh holder, shallow and Cherokee sedge, Bermuda and Johnson grass, lizard's tail, and longleaf wood oats, with Alabama supplejack dominating the woody vine layer. Soils consist of: Buxin clay, Yorktown clay, Latanier clay, Moreland clay, and Perry clay, occasionally flooded.

The placement of dredged and/or fill material in wetlands and other waters of the United States associated with mechanized land clearing and the overall mining operation requires a Department of the Army Permit.

The applicant proposes to mitigate for jurisdictional losses by a combination of 1) on-site permittee responsible mitigation and 2) off-site permittee responsible mitigation and/or purchase of mitigation credits from an approved mitigation bank within the same watershed.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: The Regulatory Archaeologist has reviewed the latest published version of the National Register of Historic Places, state lists of properties determined eligible, and other sources of information. The following is current knowledge of the presence or absence of historic properties and the effects of the proposed undertaking upon these properties: A cultural resources survey has been conducted. This office is currently coordinating with the Louisiana Department of Archives and History and Federally-recognized Tribes. Copies of the public notice have also been sent to other interested parties for comment on potential effects to historic properties that could result from the proposed activity.

Endangered Species: Our initial finding is that the proposed work would not likely adversely affect any endangered species or their critical habitat. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

Flood Plain: In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements.

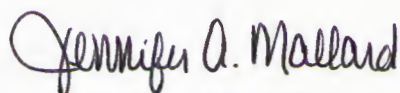
Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these

are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

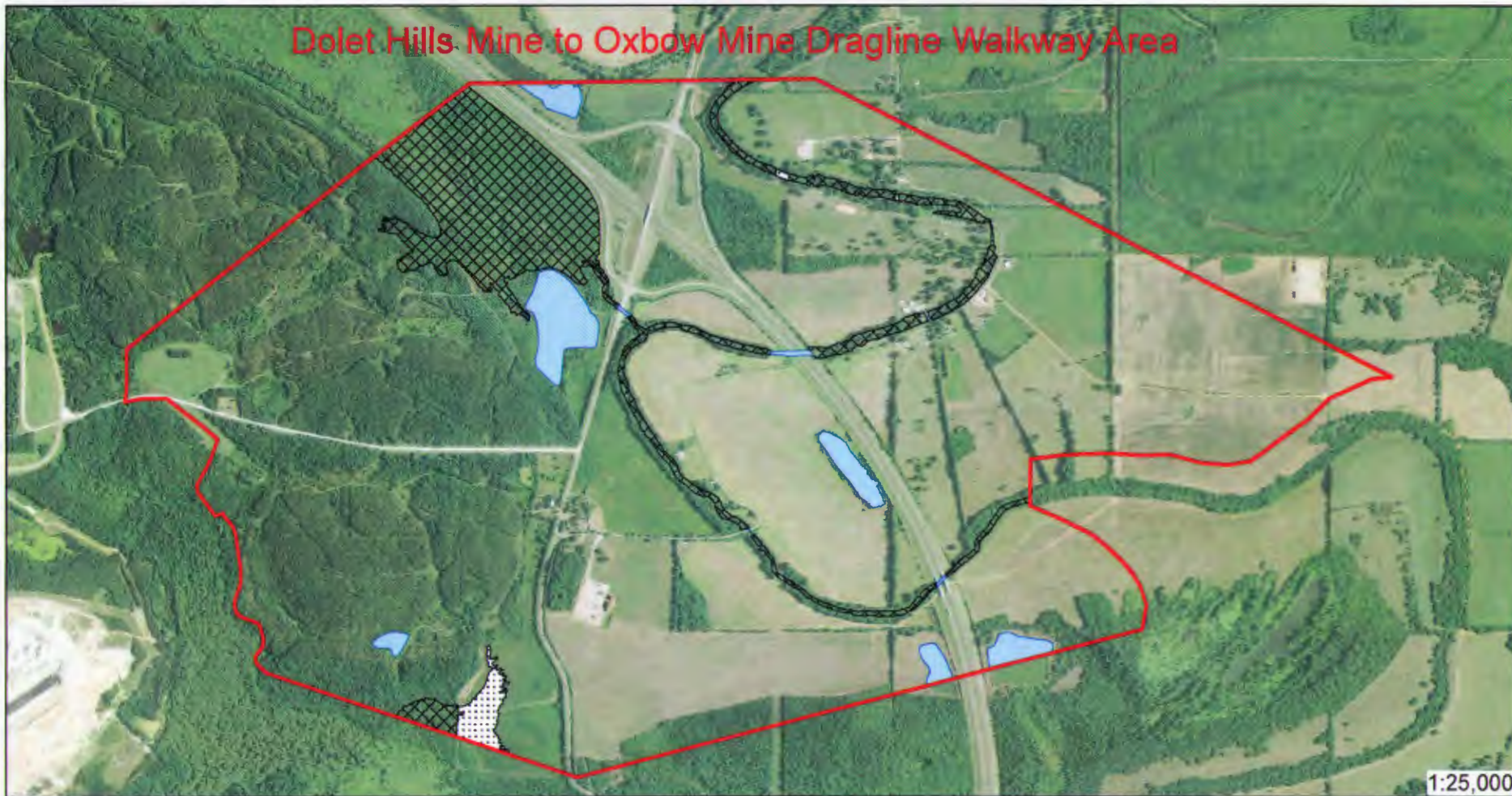
Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/Missions/Regulatory.aspx>, and click on ORM Permit Decisions under Program Links.



Jennifer A. Mallard
Chief, Regulatory Branch



Legend

-  Walkway Project Area (Approximately 2200 Acres)
-  Other Waters of the US (Approximately 43.58 Acres)
-  Emergent Wetlands (Approximately 10.22 Acres)
-  Forested Wetlands Walkway (Approximately 152.3 Acres)

23 January 2012

MVK-2011-1237

Applicant:
Dolet Hills Lignite Company

Proposed Work:
Oxbow Mine Expansion

Location:
DeSoto Parish, Louisiana
Natchitoches Parish, Louisiana
Red River Parish, Louisiana

Map Background:
NAIP Aerial Imagery (2010)

**Preliminary
Jurisdictional Determination**

Prepared by:
Jim Cole



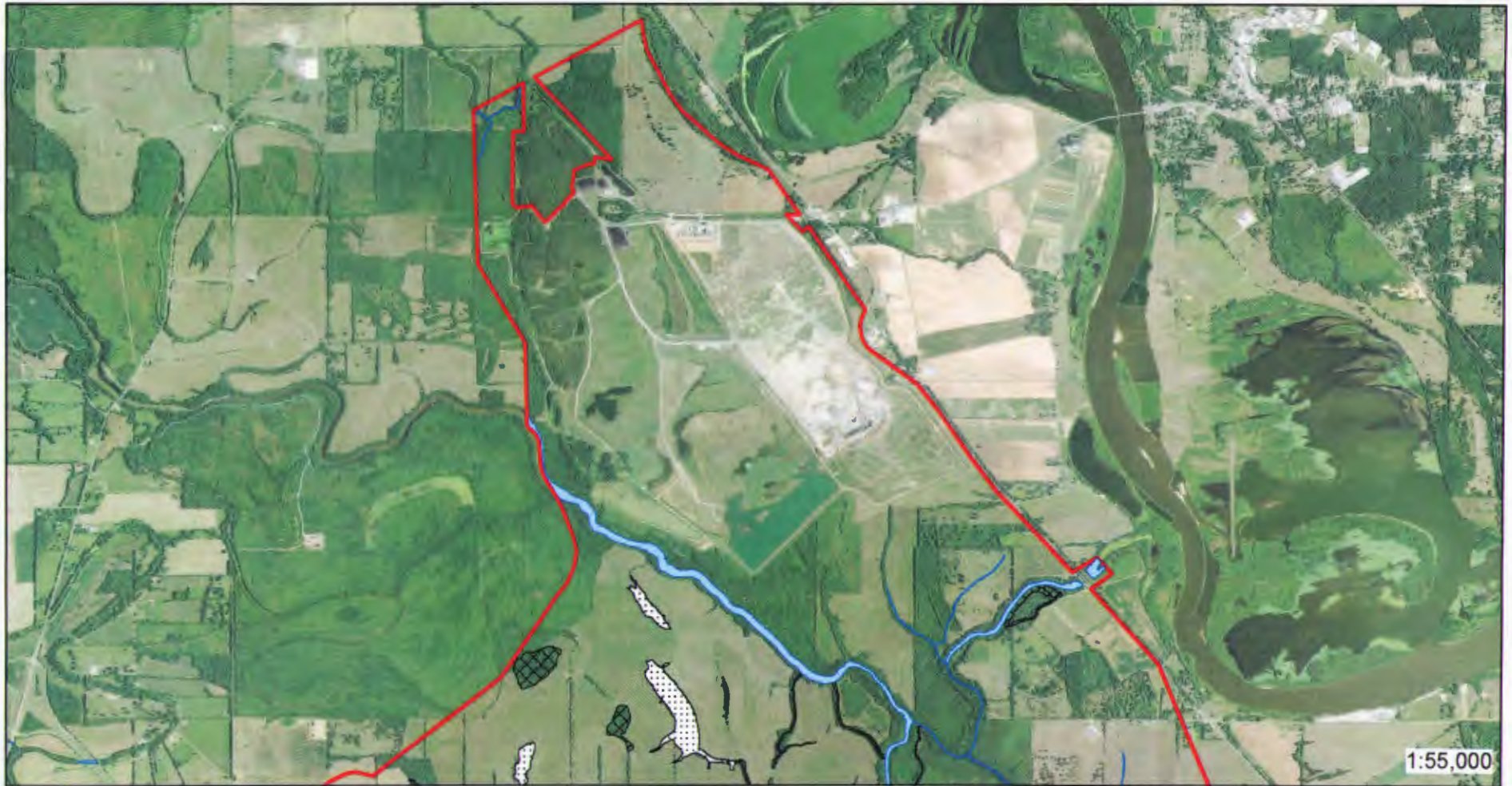
**US Army Corps
of Engineers.**



Regulatory Branch

Enforcement Section

0 1,250 2,500
Feet



Legend

-  Oxbow Permit Boundary (Approximately 15,427 Acres)
-  Jurisdictional Other Waters of the U.S. (154.4 Acres)
-  Forested Wetlands (Approximately 1393.4 Acres)
-  Emergent Wetlands (125.1 Acres)
-  Jurisdictional Streams (Approximately 41,242.1')

23 January 2012

MVK-2011-1237

Applicant:
Dolet Hills Lignite Company

Proposed Work:
Oxbow Mine Expansion

Location:
Section 3, T11N-R10W
Hanna LA Quadrangle
Section 35, T12N-R10W
Evelyn, LA Quadrangle
Red River Parish, Louisiana

Map Background:
NAIP Aerial Imagery (2010)

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of Engineers.**



Regulatory Branch

Enforcement Section





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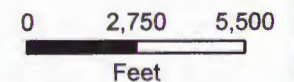


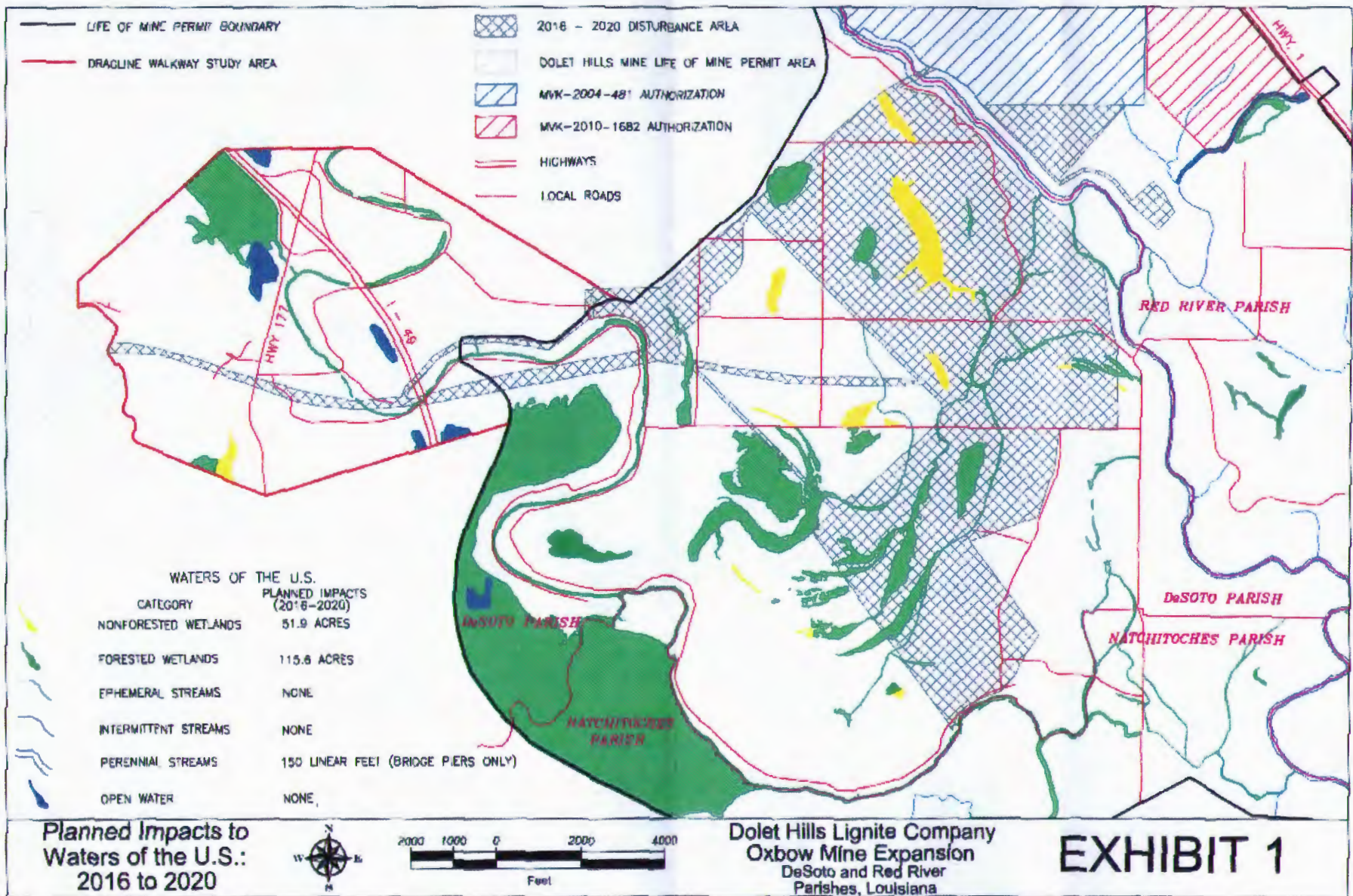
**US Army Corps
of Engineers.**



Regulatory Branch

Enforcement Section

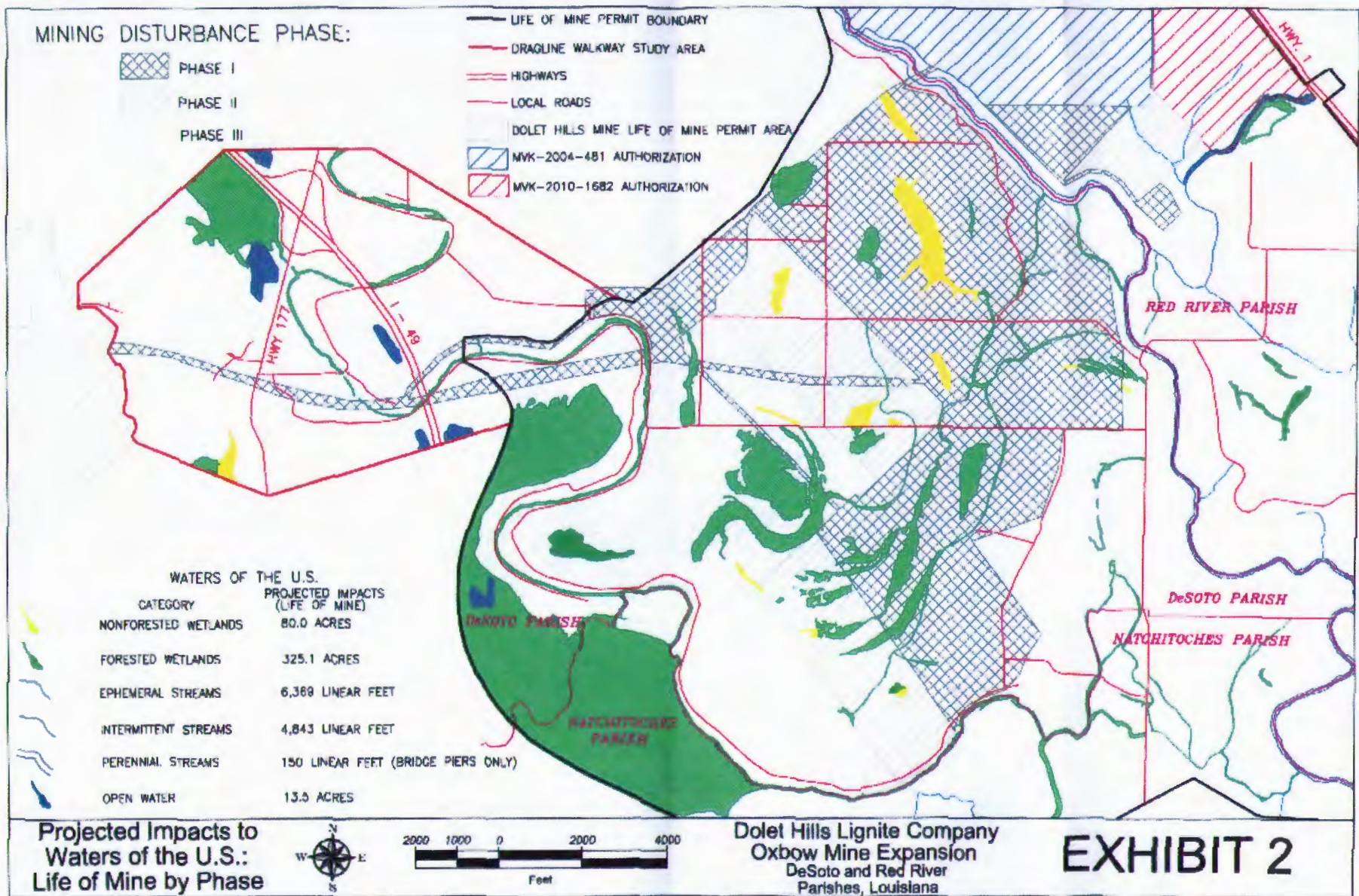




CEMVK-OD-FE RHW-MVK-2011-1237

MR. GORDON L. SHAW

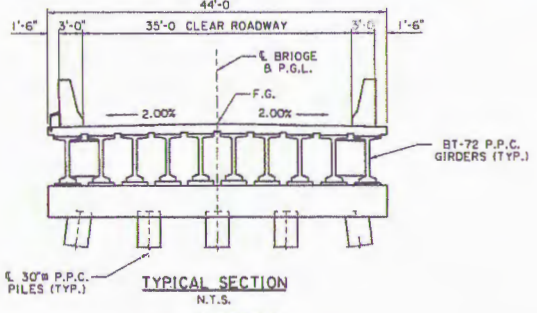
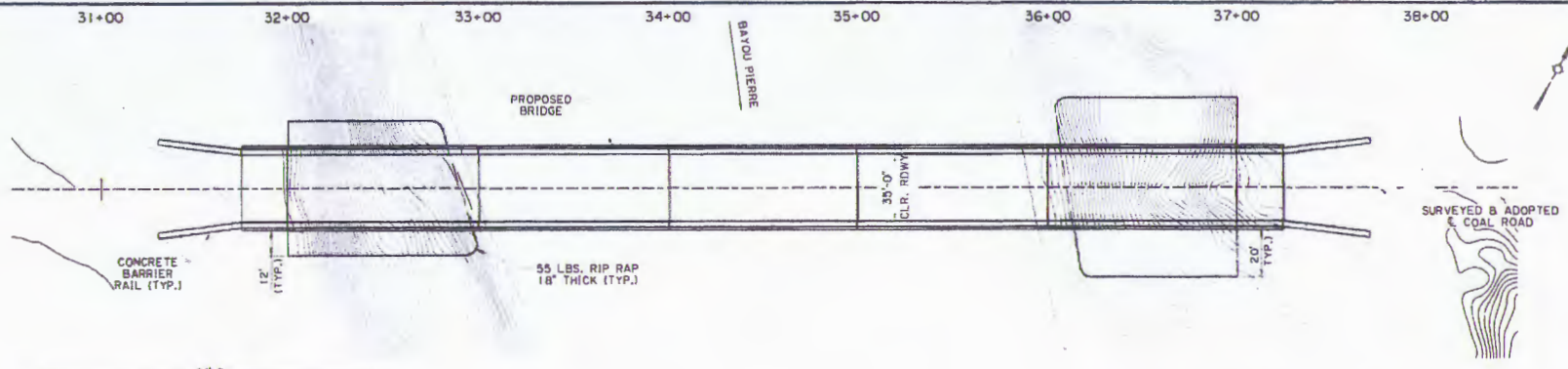
DOLET HILLS LIGNITE COMPANY



CEMVK-OD-FE RHW-MVK-2011-1237

MR. GORDON L. SHAW
DOLET HILLS LIGNITE COMPANY

4/1/2014 10:46:50 AM
 X:\HUVAL Projects\5795 - Coal Rd Bridge Over Bayou Pierre\Working Drawings\Border to Print\03-General Bridge Plan.dgn
 30% FINAL PLANS



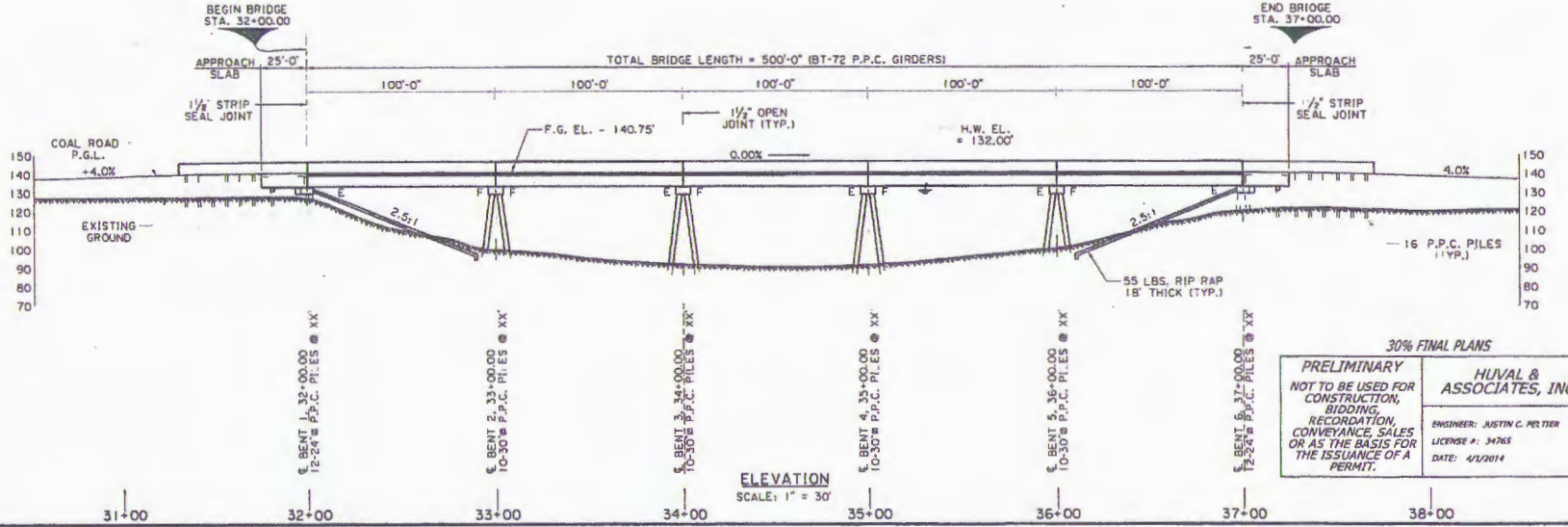
PLAN
SCALE: 1" = 30'

30% FINAL PLANS

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.

HUVAL & ASSOCIATES, INC.
ENGINEER: JUSTIN C. PELTIER
LICENSE #: 34765
DATE: 4/1/2014

BRIDGE HYDRAULICS				PREDICTED SCOUR	
DRAINAGE AREA = XXX MI ²				FLOOD FREQUENCY (YEARS)	X
FLOOD FREQUENCY (YEARS)	DESIGN 25	DESIGN 100	DISCHARGE (CU. FT./SEC)		X
DISCHARGE (CU. FT./SEC)	X	X	CONTRACTION SCOUR DEPTH (FT)		X
DESIGN WATER SURFACE ELEVATION (DSWE) (FT. - NAVD83)	X	X	MAX. LOCAL (PIER) SCOUR DEPTH (FT)		X
AVERAGE VELOCITY (FT./SEC)	X	X	ABUTMENT SCOUR DEPTH (FT)		X
AREA OF OPENING (SQ. FT.)	X	X	BRIDGE SCOUR ELEVATION (FT./NAVD83)		X
BACKWATER (FT.)	X	X			



ELEVATION
SCALE: 1" = 30'

30% FINAL PLANS

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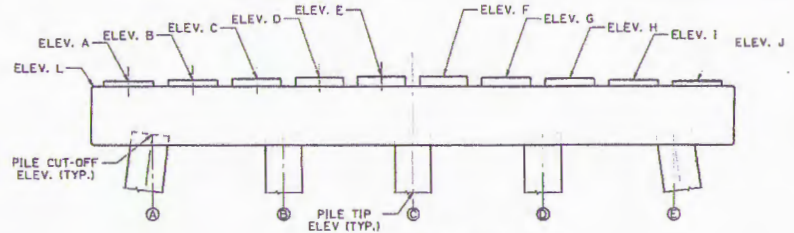
SHEET NO.	5795	DATE	
NO. OF SHEETS	103	SCALE	
PROJECT NO.		PROJECT DESCRIPTION	
DATE		NO.	
DESIGNED BY	JCP	CHECKED BY	JCP
DRAWN BY	JCP	APPROVED BY	JCP
CHECKED BY	JCP	DATE	
GENERAL BRIDGE PLAN			
COAL ROAD BRIDGE OVER BAYOU PIERRE			
<small>DOLET HILLS LIGNITE COMPANY</small>			
HUVAL & ASSOCIATES, INC. <small>333 West Palm Baton Rouge, LA 70801 Phone: 337-333-3338</small>			

CEMVK-OD-FE RHW-MVK-2011-1237

MR. GORDON L. SHAW
DOLET HILLS LIGNITE COMPANY

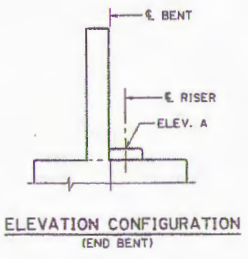
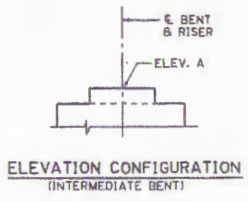
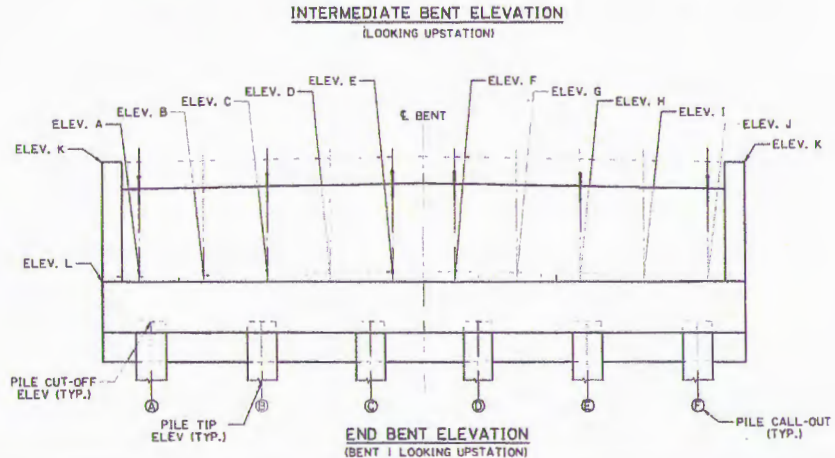
PRODUCTION PILE DATA TABLE

BENT NO.	STATION	NO. OF PILES PER BENT	PILE TYPE & SIZE	MONITOR PILE RECD (Y OR N)	LOAD (TONS)				SOIL RESISTANCE FACTOR (φ)				RECD PILE RESISTANCE (TONS)		MAX. CUT-OFF EL. (FT.)	PLAN LENGTH (FT.)	PLAN TIP EL. (FT.)	ORDER LENGTH (FT.)	AS BUILT TIP EL. (FT.)				
					SERVICE		STRENGTH		EXTREME		SERVICE		STRENGTH						WITHOUT PREBORING	PREBORING TO SCOUR DEPTH	MAX.	MIN.	AVG.
					PERMANENT LOAD	TRANSIENT LOAD	COMPRESSION	TENSION	COMPRESSION	TENSION	COMPRESSION	TENSION	EXTREME	COMPRESSION									
WING WALLS	XX+XX.XX	X	16" SQ. SOLID P.P.C.	N	X	-	X	-	-	-	X	X	X	-	-	X	X	X					
1	32+00.00	12	24" SQ. VOIDED P.P.C.	N	71	55	162	-	-	-	X	X	X	-	-	X	X	X					
2	33+00.00	10	30" SQ. VOIDED P.P.C.	N	102	74	227	-	-	-	X	X	X	-	-	X	X	X					
3	34+00.00	10	30" SQ. VOIDED P.P.C.	N	102	74	227	-	-	-	X	X	X	-	-	X	X	X					
4	35+00.00	10	30" SQ. VOIDED P.P.C.	N	102	74	227	-	-	-	X	X	X	-	-	X	X	X					
5	36+00.00	10	30" SQ. VOIDED P.P.C.	N	102	74	227	-	-	-	X	X	X	-	-	X	X	X					
6	37+00.00	12	24" SQ. VOIDED P.P.C.	N	71	55	162	-	-	-	X	X	X	-	-	X	X	X					
WING WALLS	XX+XX.XX	X	16" SQ. SOLID P.P.C.	N	X	-	X	-	-	-	X	X	X	-	-	X	X	X					



BENT NO.	A	B	C	D	E	F	G	H	I	J	K*	L
1 - 6	X	X	X	X	X	X	X	X	X	X	X	X

* APPLIES TO BENTS 1 AND 6



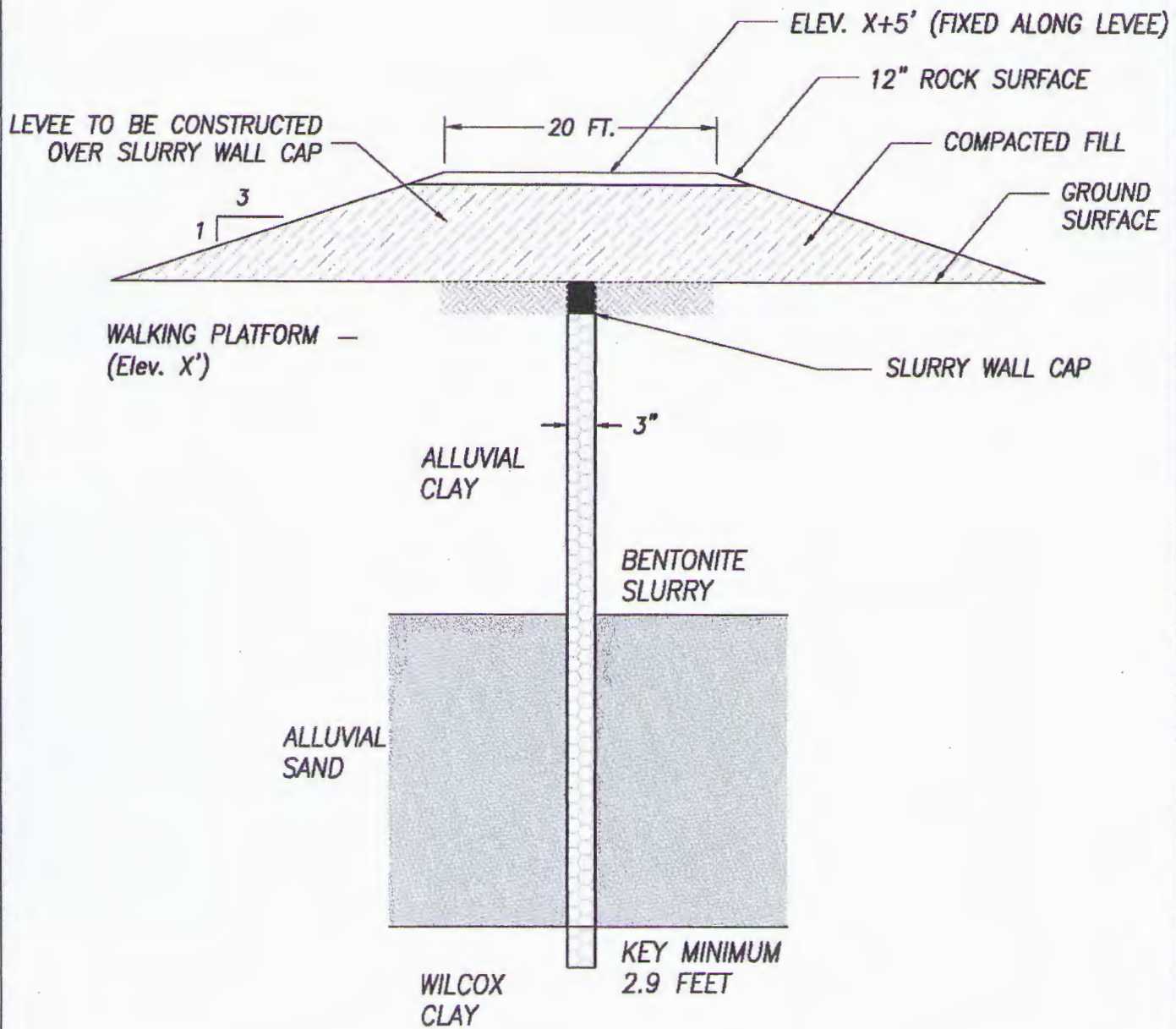
30% FINAL PLANS
 PRELIMINARY
 NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.
 HUVAL & ASSOCIATES, INC.
 ENGINEER: JUSTIN C. FELTZER
 LICENSE #: 34068
 DATE: 3/26/2014

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 3/26/2014 7:40:41 AM
 30% FINAL PLANS

COAL ROAD BRIDGE OVER BAYOU PIERRE
 PILE DATA AND ELEVATION
 HUVAL & ASSOCIATES, INC.
 5795
 105

CEMVK-OD-FE RHW-MVK-2011-1237

MR. GORDON L. SHAW
 DOLET HILLS LIGNITE COMPANY

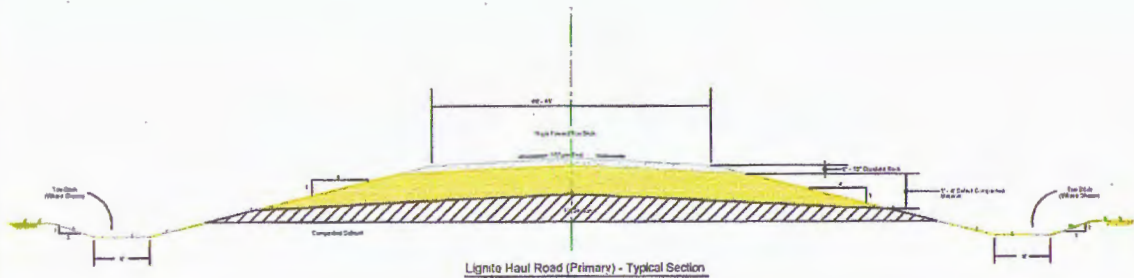


**TYPICAL SECTION
SLURRY WALL AND LEVEE**

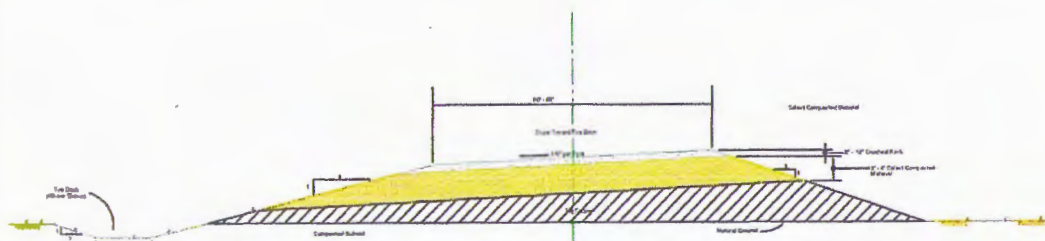
(NOT TO SCALE)

CEMVK-OD-FE RHW-MVK-2011-1237

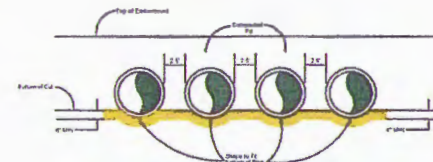
MR. GORDON L. SHAW
DOLET HILLS LIGNITE COMPANY



Lignite Haul Road (Primary) - Typical Section
Not to Scale



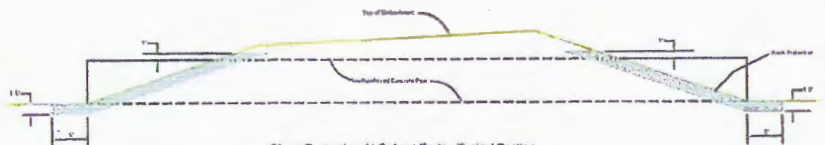
Lignite Haul Road (Primary) - Typical Section
Not to Scale



Multiple Culvert Bedding Detail
Not to Scale



Ramp - Typical Section
Not to Scale



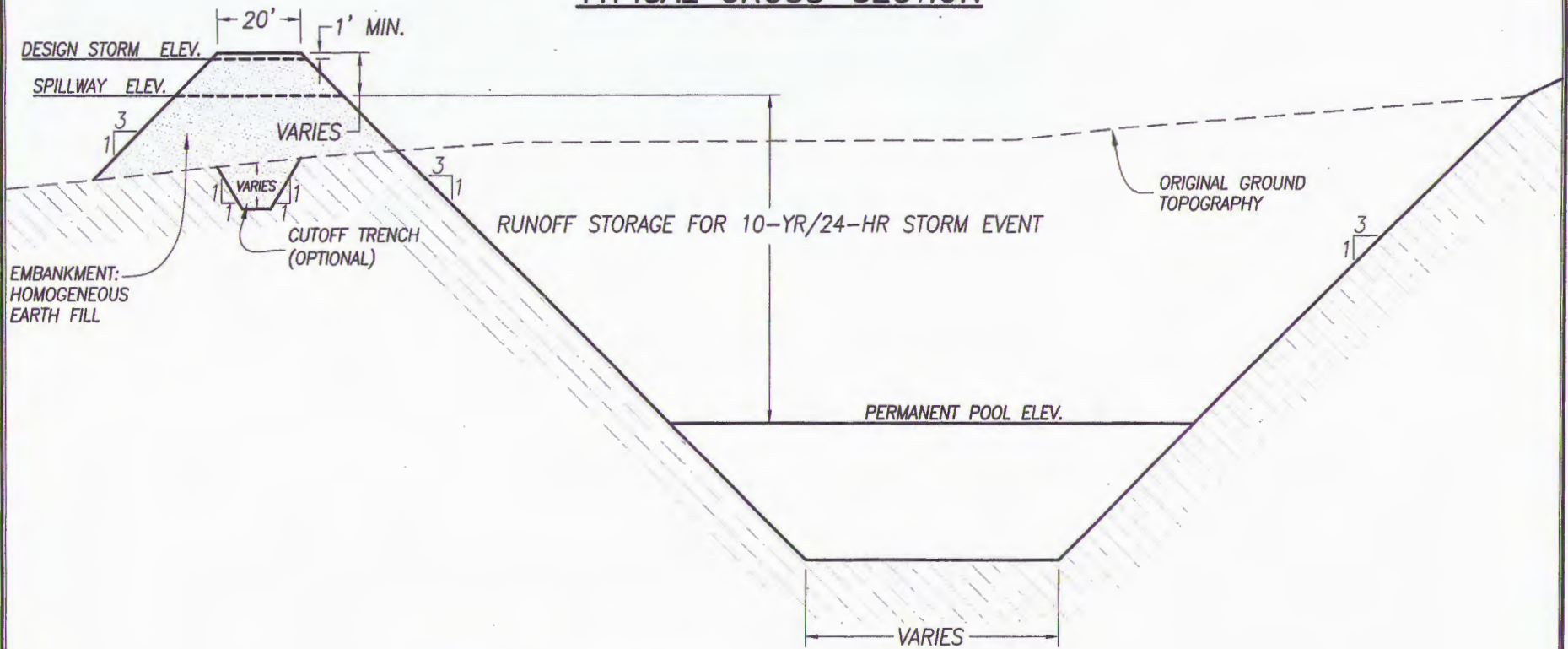
Slope Protection At Culvert Ends - Typical Section
Not to Scale

- NOTES
1. Culvert shall slope 1% per gutter width if required by surface water or other construction. Subsoil shall be as defined in paragraph 2 to a maximum depth of 12". Proper drainage shall be free of obstructions, holes, etc., and shall be available through gutter for completion.
 2. Embankment shall be constructed of loose soil as specified in 17.04 and compacted 95% maximum Standard Proctor density. All 18" or more shall be a certified class 3.75 of uniform value.
 3. Existing existing and proposed road structures of drainage ditches, including drainage systems and slope protection, shall be kept in place or replaced as per Table 2.
 4. Excavated and fill areas including embankments and slopes shall be compacted 95% as specified in 17.04 and shall be equipped with a 12" or greater depth of subsoil as specified in 17.04. Existing or other existing road structures shall be replaced as necessary during the construction of embankment areas.
 5. Care shall be taken to prevent erosion of the existing surface by drainage and to provide adequate drainage. Temporary slope protection shall be provided including parking equipment shall be provided for maintenance and operation of culverts and shall be in place for the duration of the project and shall be removed after the project is completed. The existing surface shall be restored to the original condition and the area shall be restored to the original condition and the area shall be restored to the original condition.
 6. Contractor shall be responsible for the design and construction of existing culverts, ditches and structures, if any, and shall be responsible for the design and construction of all new culverts and structures within 4 feet of the existing road boundary.
 7. Minimum depth of fill shall be a minimum of 18" or 12" inches, with a maximum diameter of 2 inches. Bedding materials may be used only if they meet the minimum depth and size specifications. Bedding shall be compacted in place through the full depth of embankment.
 8. Reinforced concrete pipe shall be in place in 18" or 24" diameter. Class III construction. Pipe shall be installed in accordance with manufacturer's specifications and guidelines.
 9. Street crossing shall be as detailed on the drawings, shall be in place prior to the start of the project. Street crossing shall be in place prior to the start of the project. Street crossing shall be in place prior to the start of the project. Street crossing shall be in place prior to the start of the project.
 10. Prior to the start of construction, Contractor shall ensure that the slope is in the proper condition and shall be in place prior to the start of the project. Contractor shall ensure that the slope is in the proper condition and shall be in place prior to the start of the project.

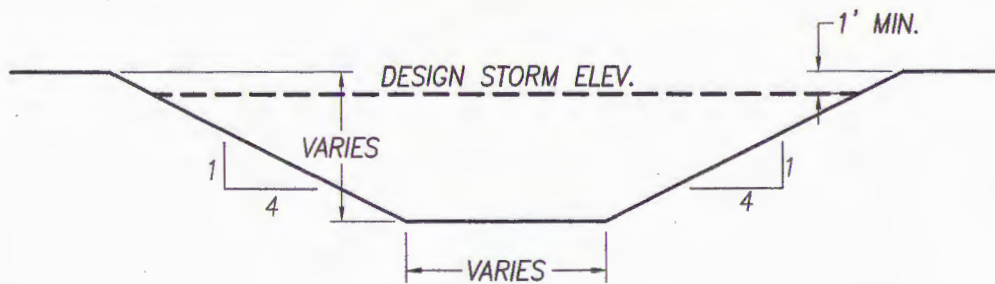
CEMVK-OD-FE RHW-MVK-2011-1237

MR. GORDON L. SHAW
DOLET HILLS LIGNITE COMPANY

SEDIMENTATION POND TYPICAL CROSS-SECTION



SPILLWAY TYPICAL CROSS-SECTION



**EMBANKMENT/INCISED
SEDIMENTATION POND**

CEMVK-OD-FE RHW-MVK-2011-1237

**MR. GORDON L. SHAW
DOLET HILLS LIGNITE COMPANY**