

DEPARTMENT OF THE ARMY
Omaha District, Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge : Solicitation No. DACW45 02 B 0012
:all amendments may cause rejec- :
:tion of the bid. See FAR : Date of Issue: 25 Apr 2002
:52.214-3 of Section 00100 : Date of Opening: 29 May 2002

Amendment No. 0001
20 May 2002

SUBJECT: Amendment No. 0001 to Specifications and Drawings for Construction of
Louisville Bend Oxbow Lake, Phase II, Fish and Wildlife Mitigation
Project, Missouri River, Near Blencoe, IA.
Solicitation No. DACW45 02 B 0012.

TO: Prospective Bidders and Others Concerned

1. The specifications and drawings for subject project are hereby modified as follows (revise all specification indices, attachment lists, and drawing indices accordingly).

a. Specifications. (Descriptive Changes.)

- (1) Section 02300a Page 7, paragraph 2.3,
 - i) Line 2, after "Pumping Station Intake Structure" add the following "including Pumping Station Intake Structure Access Road Embankment, ".
 - ii) Delete the last sentence "The Contractor shall also maintain groundwater within the footprint of the Middle Embankment at least 24 inches below grade after from clearing, grubbing and stripping topsoil, prior to placing embankment fill."

(2) Section 02300a Page 7, paragraph 2.2, top line, delete "3.10" and substitute "2.10".

(3) Section 02300a Pages 7 & 8, paragraph 2.6, delete "3.7", "3.7", "3.8", and "3.9" and substitute "2.7", "2.7", "2.8", and "2.9".

(4) Section 02300a Page 8, paragraph 2.8.1, after "dimension." in first sentence add "Where water has inundated the footprint of the Middle Embankment, embankment fill material shall be placed from the centerline of the Middle Embankment toward the upstream and downstream toe of the embankment to a depth of 1-foot above the water surface, after stripping according to paragraph 2.1. If excess unsuitable material accumulates in front of the compacted embankment that inhibits placing additional materials, as determined by the Contracting Officer's Representative, the Contractor shall remove all unsuitable materials and dispose of in disposal berms described in paragraph 1.7.1. The Contractor shall place embankment materials for the Middle Embankment in inundated areas during times when the water surface elevation is at its lowest level, see plans. The Contractor shall place the material in as level a manner as possible. The underwater fill shall be compacted when possible. After completion of the underwater

fill, the Contractor shall compact the new subgrade prior to placing additional layers as specified in paragraph 2.7.1. "

(5) Section 02300a Page 9, paragraph 2.8.1, delete "3.9" and substitute "2.9".

(6) Section 02300a Page 11, paragraph 2.12.6, delete "3.9" and substitute "2.9".

b. Specifications (New and/or Revised and Reissued). Delete and substitute or add specification pages as noted below. The substituted pages are revised and reissued with this amendment.

<u>Pages Deleted</u>	<u>Pages Substituted or Added</u>
General Wage Decision No IA020031 Dated 03/01/2002	General Wage Decision No. IA020031 Dated 05/03/2002
-----	Attachments to Section 01355 404 Permit & Flood Plain Permit

2. This amendment is a part of the bidding papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the specifications remain unchanged. If the bids have been mailed prior to receiving this amendment, you will notify the office where bids are opened, in the specified manner, immediately of its receipt and of any changes in your bid occasioned thereby.

a. Hand-Carried Bids shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Bids shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

3. Bids will be received until 2:00 p.m., local time at place of bid opening, 29 May 2002.

Attachments:

General Wage Decision No. IA020031 dated 5/03/2002
Attachments to Section 01355

U.S. Army Engineer District, Omaha
Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

20 May 2002
MFS/4411

General Decision Number IA020031

Superseded General Decision No. IA010031

State: Iowa

Construction Type:
RIVER WORK

County(ies):
STATEWIDE

SCOTT COUNTY: POWER EQUIPMENT OPERATORS ONLY

HEAVY CONSTRUCTION PROJECTS FOR WORK ON OR PERTAINING
TO THE MISSISSIPPI AND MISSOURI RIVERS.

Modification Number	Publication Date
0	03/01/2002
1	05/03/2002

COUNTY(ies):
STATEWIDE

ENGI0150I 01/01/2002

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
GROUP 1:	22.80	10.65
GROUP 2:	22.80	10.65
GROUP 3:	20.15	10.65
GROUP 4:	20.15	10.65
GROUP 5:	19.10	10.65

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Cranes; Shovel; Clamshell; Dragline; Backhoe; Derrick; Tower Crane; Cable Way; Concrete Spreaders (servicing 2 pavers); Asphalt Spreaders; Asphalt Mixer; Plant Engineers; Dipper Dredge Operator; Dipper Dredge Cranemen; Dual Purpose Trucks (Boom or Winch); Leverman or Engineman (Hydraulic Dredge); Mechanics; Paving Mixer with tower attached (two operators required); Piledriver; Boom Tractor, Stationary, Portable or Floating Mixing Plant; Trenching Machine (over 40 HP), Building Hoist (2 drums), Hot Paint Wrapping Machine; Cleaning & Priming Machine, Backfiller (throw bucket), Locomotive Engineer; qualified Welder; Tow or Push Boat; Concrete Paver; Seaman trav-L-plant or similar Machine; CMI Autograder or similar machine; Slip Form Paver; Caisson Augering Machine, Mucking Machine, Asphalt Heat Planer Unit; Hydraulic Cranes; Mine Hoists.

Group 2: Athey; Barber-Green; Euclid or Haiss loader; Asphalt Pug Mill; Fireman & Drier; Concrete Pump; Concrete Spreader (servicing 1 paver); Bulldozer; Endloader; Log Chippers or similar machines; Elevating Grader; Group Equipment Greaser, LeTourneapul & similar machines; DW-10; Hyster Winch & similar machines; Motor

Patrol; Power Blade; Push Cat; Tractor pulling elevating grader or power blade; Tractor operating scoop or scraper, Tractor with power Attachments; Roller on Asphalt or Blacktop; single drum hoist; Jaeger mix & Plant Machine; Pipe bending Machine; Flexaplane or similar Machine, Automatic Curbing Machine; Automatic Cement & Gravel batch plants (1 stop set-up); Seaman pulvi-mixer or similar Machine, Blastholer; Self-propelled Rotary Drill or similar Machines; Work Boat; Combination concrete finishing & float; Self-propelled sheep foot roller or compactor (used in conjunction with a grading spread); Asphalt Spreader Screed Operator; Slusher; Apsco Spreader or similar Machine; Forklift (over 6000 lbs. capacity or working at heights above 28 ft.); Concrete Conveyors, Chip Spreader; Underground Boring Machine; Straddle Carrier; Hydro-Hammer; Hydraulic Pumps or power

Units driven by any power source (except manually); used to hoist or lift machinery or material; Off Road Haul Units.

GROUP 3: Asphalt Boosters; Firemen and Pump Operators at Asphalt Plants; Mud Jack; Concrete Finishing Machine, Form Grader with Roller on Earth; Mixers (3 Bag to 16-E); Power Operated Bull Float; Tractors without Power Attachments; Dope Pots (Agitating Motor); Dope Chop Machines; Distributors (back end); Portable Machine Fireman; Power winch on paving work; self-propelled roller or compactor (other than provided for above); Pump Operator (more than one well-point pump); Portable Crusher Operator, Trench Machine (under 40 hp); Power Subgrader (on forms) or similar machines, Forklift (6000 lb. or less cap.); Gypsum Pump; Conveyor over 20 hp.; Fuller Kenyon Cement Pump or similar machines.

GROUP 4: Light Plant; Mixers (1 or 2 bag); Power Batching Machine (Cement Auger or Conveyor); Boiler (Engineer or Fireman); Mechanical Broom; Automatic Cement and Gravel Batch Plants (two or three stop set-up); Small rubber-tired Tractors (nor including backhoe or endloaders); Self-propelled Curing Machine; Driver on Truck crane or similar machines.

GROUP 5: Oilers; Mechanical Heater (other than Steam Boiler), Belt Machine, Small Outboard Motor Boats Safety Boat & Lift Boat), Engine Driven Welding Machine & Small tractors (used to unroll wire mesh), Water Pumps, Air Compressors, Permanent Automatic Elevators.

 * ENGI0234G 12/01/2001

	Rates	Fringes
REMAINING COUNTIES (with the exception of CLINTON COUNTY South to the State of MISSOURI on the Mississippi River)		

POWER EQUIPMENT OPERATORS:

GROUP 1	22.15	8.55
GROUP 2	21.50	8.55
GROUP 3	19.20	8.55

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Power shovel, crane, backhoe (1.5 yd and over), dragline, hoisting engineer (steel erection), motor patrol (finish), piledriver, master mechanic, sideboom tractor, horizontal boring machine, finish dozer, central mix plant, paver or self propelled spreader, tow safety, or push boat, CMI paver, subgrader or equivalent, asphalt plant, pushcat, mechanics - welders, churn or rotary drill, trenching machine (Cleveland 80 or similar capacity), asphalt laydown, asphalt screed, asphalt heater planer, concrete pump, self-propelled curb machine (with seat), loader operator (2 cu yd and over), scraper, dozer (rough), group greaser, asphalt roller, backhoes of any size when digging building footings.

GROUP 2: Motor patrol (rough), concrete curb breaking

machine, loader (under 2 yd), backhoe under 1/2 yd, concrete widening machine, paver breaker, Barber Green, Haiss loader or similar machines, crawler tractor (pulling disc, sheepsfoot, ripper, or flat roller), self-propelled sheepsfoot roller, self-propelled roller, distributor, screening and washing plant, self-propelled vibrating compactor, trenching machine, steel placing machine, conveyor, finishing machine (on concrete), flex plane, bullfloat, form grader, self-propelled elevator grader, water wagon on compaction

GROUP 3: Boiler, mechanical boom, oiler, welding machine, Pump (other than dredge), boom and winch trucks, compressor, tank car heater (combination boiler and booster), pumps on well points and deep wells for dewatering, truck crane combination driver-oiler, concrete curbing machine, batch plant (dry), spreader attachments, utility tractor with attachments, light plant mechanical heater, pumps over 3", farm type tractor (pulling disc, harrow or roller).

 * SUIA5016A 12/01/2001

	Rates	Fringes
Carpenters	20.50	4.95
Cement Masons	19.82	4.35

Laborers:

Class 1	20.93	4.40
Class 2	19.93	4.40
Class 3	16.25	4.40

IRONWORKERS: (setting of all structural steel
 and reinforcing steel installation:

Woodbury & Monona Counties	17.76	5.92
Harrison, Pottawattamie, Mills & Fremont Counties	20.40	6.82

Dubuque, Clayton &

Allamakee Counties	19.96	9.03
Jackson, Clinton, Louisa & Muscatine Counties	21.58	12.02
Des Moines and Lee Counties	19.85	9.06
TRUCK DRIVERS	18.25	5.50

WELDERS - Receive rate prescribed for craft performing operation
to which welding is incidental.
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Unlisted classifications needed for work not included within
the scope of the classifications listed may be added after
award only as provided in the labor standards contract clauses
(29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates
listed under that identifier do not reflect collectively
bargained wage and fringe benefit rates. Other designations
indicate unions whose rates have been determined to be
prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can
be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a
position on a wage determination matter
- * a conformance (additional classification and rate)
ruling

On survey related matters, initial contact, including requests
for summaries of surveys, should be with the Wage and Hour
Regional Office for the area in which the survey was conducted
because those Regional Offices have responsibility for the
Davis-Bacon survey program. If the response from this initial
contact is not satisfactory, then the process described in 2.)
and 3.) should be followed.

With regard to any other matter not yet ripe for the formal
process described here, initial contact should be with the Branch
of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an

interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

IA020031-5



STATE OF IOWA

THOMAS J. VILSACK, GOVERNOR
SALLY J. PEDERSON, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
JEFFREY R. VONK, DIRECTOR

April 19, 2002

Mr. Michael Barnes, P.E.
Corps of Engineers, Omaha District CENWO-PM-AE
Planning, Programs, and Project Management Division
106 South 15th Street
Omaha, NE 68102

Dear Mr. Barnes:

After reviewing your request for State 401 Water Quality Certification, the Department has issued the enclosed Certification. Please read the attached conditions carefully before beginning work on the project.

A copy of this Certification has been forwarded to the office of the Army Corps of Engineers – Kearney Office as indicated below. You are advised to contact that office upon receipt of this certification.

If you have any questions or comments about the certification or any conditions contained therein, please contact me at the address shown below or call (515) 281-6615.

Sincerely,

Christine M. Schwake

Christine M. Schwake
Environmental Specialist

cc: Mrs. Barb Friskopp, Department of the Army Corps of Engineers, Kearney Regulatory Office,
1430 Central Avenue, Kearney, NE 68847

IOWA DEPARTMENT OF NATURAL RESOURCES

SECTION 401 WATER QUALITY CERTIFICATION

Certification issued to:

Effective: April 19, 2002

Mr. Michael Barnes, P.E.
Corps of Engineers, Omaha District CENWO-PM-AE
Planning, Programs, and Project Management Division
106 South 15th Street
Omaha, NE 68102

Project certified: US Army Corps of Engineers, Joint Public Notice No. CENWO - NE 02-10176
State 401 Water Quality Certification, Application Log No.: 02-W-133-03-04-S

Proposal to complete a project which was originally started in 1995. The existing intake structure for the pump will be moved 320' from its current location to the bank of the Missouri River (Louisville Bend, River Miles 682.5 to 685.5), Monona County, Iowa. A pipe will run underground from the new intake to the existing pumping station. Approximately 5000 cubic yards (cy) of material will be excavated from the river bank to construct the intake structure. Rock will be placed around the new intake as erosion protection. A 20' wide, 120' long access road will be built to the new intake structure to provide vehicle access so that the gates can be operated and maintenance can be performed. The intake provides water to an existing cut-off oxbow. A 1,065' long embankment will be constructed across the middle of the oxbow to increase water level management capabilities. Approximately 31,500 cy of material will be excavated from the immediate oxbow area and used to construct the embankment. A 36" culvert/stop log structure will be installed in the embankment to manipulate water levels.

Water quality use designation:

This reach of the Missouri River is designated as a Class A Primary Contact Recreation and Class B Significant Resource Warm Water stream. Such waters are to be protected for primary contact recreation, for the maintenance of a wide variety of warm water species, including sensitive species, and for wildlife, aquatic, and semiaquatic uses.

This State 401 Water Quality Certification has been issued by the Iowa Department of Natural Resources (Department) pursuant to Section 401 of the Clean Water Act. State Certification is required by the Army Corps of Engineers before a Section 404 permit can be issued. Section 401 Certification represents the Department's concurrence that the project certified is consistent with the Water Quality Standards of the state of Iowa as set forth in Chapter 61, Iowa Administrative Code.

Subject to the attached conditions, incorporated by reference herein, the Department has determined that there is reasonable assurance the proposed activities will be conducted in a manner that will not violate water quality standards of the state of Iowa.

By: Christine M. Schwake

Date Executed: April 19, 2002

GENERAL CONDITIONS

1. Permittee is responsible for securing and for compliance with such other permits or approvals as may be required by this Department, federal, or local governmental agencies for the project activities described.
2. Clearing of vegetation, including trees located in or immediately adjacent to waters of the state, shall be limited to that which is absolutely necessary for construction of the project. All vegetative clearing material shall be removed to an upland, non-wetland disposal site.
3. All construction debris shall be disposed of on land in such a manner that it cannot enter a waterway or wetland.
4. Construction equipment, activities, and materials shall be kept out of the water to the maximum extent possible.
5. Equipment for handling and conveying materials during construction shall be operated to prevent dumping or spilling the material into waterbodies, streams or wetlands except as approved herein.
6. Care shall be taken to prevent any petroleum products, chemicals, or other deleterious materials from entering waterbodies, streams or wetlands.
7. Construction activities shall be conducted during low to normal flows and the applicant shall employ controls to reduce the erosiveness of land adjacent to surface waters and wetlands, including establishment and maintenance of the erosion controls during and after construction and revegetation of all disturbed areas upon project completion.
8. All disturbed areas not covered by riprap shall be seeded with native grasses consistent with those included in the NRCS Critical Areas Seeding Mixture, excluding Reeds Canary Grass, during an optimal seeding period. If excavation and construction are completed outside an optimal seeding period, temporary erosion control protection shall be implemented immediately upon completion of excavation and construction and shall be maintained until such time as seeding can be completed during an optimal period. The applicant shall monitor revegetated areas continuously to assure success of revegetation.
9. If rye is initially planted to stabilize the soil then native warm season grasses shall be planted during the following growing season.
10. Riprap shall consist of native fieldstone, quarry run rock or clean broken concrete. If broken concrete is used all reinforcement material shall be completely removed from it; if removal is not possible, said reinforcement material shall be cut flush with the flat surface of the concrete. It shall be the applicant's responsibility to maintain the riprap such that any reinforcement material that becomes exposed in the future is removed. The concrete pieces shall be appropriately graded and no piece shall be larger than 3 feet across the longest flat surface. No asphalt or petroleum based material shall be used as or included in riprap material.



*Copy to Mike Barnes
Received 4-25-02*

STATE OF IOWA

THOMAS J. VILSACK, GOVERNOR
SALLY J. PEDERSON, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
JEFFREY R. VONK, DIRECTOR

April 18, 2002

Mr. Michael Barnes, P. E.
Project Manager
Department of the Army
Corps of Engineers, Omaha District
Planning, Programs, and Project Management Division
106 South 15th Street
Omaha, NE 68102

RE: Proposed Louisville Bend Phase II Fish and Wildlife Habitat Project (Missouri River)
Sections 30,31-T82N-R45W; Sections 25,36-T82N-R46W; Section 1-T81N-R46W;
Monona County, Iowa

Dear Mr. Barnes:

Your application for the above project has been approved. Enclosed is Flood Plain Development Permit Number FP 2002-127 and an approved copy of the plan sheet. The permit is issued subject to various conditions, which you should review carefully. Please pay particular attention to Permit Condition 8, which outlines spoil disposal requirements.

If you don't agree with any of these conditions, you have 30 days from the date of mailing of the permit to appeal. If you wish to appeal, it is suggested that you contact our Legal Services Section within 15 days to determine the correct procedure and format. Also, you should be aware of the fact that any person can appeal the issuance of this permit within the same 30-day period.

Also enclosed is a DNR Form 37, Notification of Completion of Construction. The Form 37 should be completed and returned within 30 days of the completion of construction.

Michelle Wilson (515-281-8675) of the Department is handling your application for the Sovereign Land Construction Permit.

Thank you for your cooperation. If you have any questions, please contact Wayne Wiksell, P.E. of our office at 515-281-4310.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kelly M. Stone".

Kelly M. Stone, P.E.
Supervisor
Water Resources Section

Enclosures

Copies: -IDNR FO #4
 -Christine Schwake, Section 401 Certification, Water Quality Section, IDNR
 -Michelle Wilson, Sovereign Lands Construction Permits, IDNR

**IOWA DEPARTMENT OF NATURAL RESOURCES
FLOOD PLAIN DEVELOPMENT PERMIT**

PERMIT NUMBER: FP 2002-127

PERMIT ISSUED TO: Department of the Army
Corps of Engineers, Omaha District
106 South 15th Street
Omaha, NE 68102-4978

PERMIT ISSUED BY:  **DATE:** 4/18/02
Kelly M. Stone, P.E.
Supervisor, Water Resources Section

PROJECT LOCATION: Sections 30,31-T82N-R45W; Sections 25,36-T82N-R46W;
Section 1-T81N-R46W; Monona County, Iowa
Louisville Bend Phase II Fish and Wildlife Mitigation Project

PERMITTED ACTIVITY: In accordance with the approved plan sheet and subject to the following permit conditions, permittee is authorized to excavate the stream bank and place intake structure revetment on the flood plain of the Missouri River as shown on the approved plans. Additional items of work as shown on the approved plans do not require specific approval from the department.

BASIS FOR ISSUANCE: The decision to issue this permit was based on a staff review of the project with respect to relevant approval criteria contained in Chapter 72 of the Department's administrative rules (Agency 567, Iowa Administrative Code) and applicable provisions of Iowa Code Sections 455B.262, .264, .275 and .277.

PERMIT CONDITIONS:

1. **Disclaimer.** No legal or financial responsibility arising from the construction, operation or maintenance of the approved works shall attach to the state of Iowa or the Department due to issuance of this permit.
2. **Maintenance.** The permittee and any successor in real estate on which the permitted activity is located shall be responsible for proper maintenance.
3. **Other Permits, Licenses and Regulations.** The permittee shall be responsible for complying with all other local, state and federal statutes, ordinances, rules and permit requirements applicable to the construction, operation and maintenance of the approved works.
4. **Revocation.** This permit may be revoked by the Department if construction is not begun within 5 years of the date of issue.
5. **Change in Plans.** This permit only authorizes construction in accordance with the approved plan sheet. No changes shall be made without prior authorization from the Department.

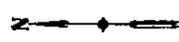
6. **Lands, Easements and Rights-of-Way.** The permittee shall be responsible for obtaining all lands, easements or rights-of-way necessary for the construction and maintenance of the approved works.
7. **Revetment Requirement.** Acceptable revetment material includes: riprap, field stone, quarry rock and broken Portland Cement Concrete (PCC). When using broken PCC, all exposed reinforcing steel rod or mesh must be cut flush with the surface of the concrete prior to placement. Any concrete pieces larger than three feet in average diameter must be broken into smaller pieces prior to placement. The revetment shall consist of a uniform mixture of sizes of material laid to form a compact surface capable of resisting erosion. The use of asphaltic cement concrete or other solid waste is prohibited. The horizontal thickness of the revetment shall not exceed four feet. The finished slope on the revetment shall be no steeper than two feet horizontal to one foot vertical (2H:1V).
8. **Spoil Disposal.** Spoil material excavated from the streambank may be placed as cover for the water supply pipe as shown on the approved plans.

CERTIFICATION OF MAILING

I hereby certify that I have this 18 day of April, 2002 mailed Flood Plain Development Permit No. FP 2002-127 to the permittees.

By Phyllis M. Nepton

DNR APPROVED PLANS
FENO, 2002-127



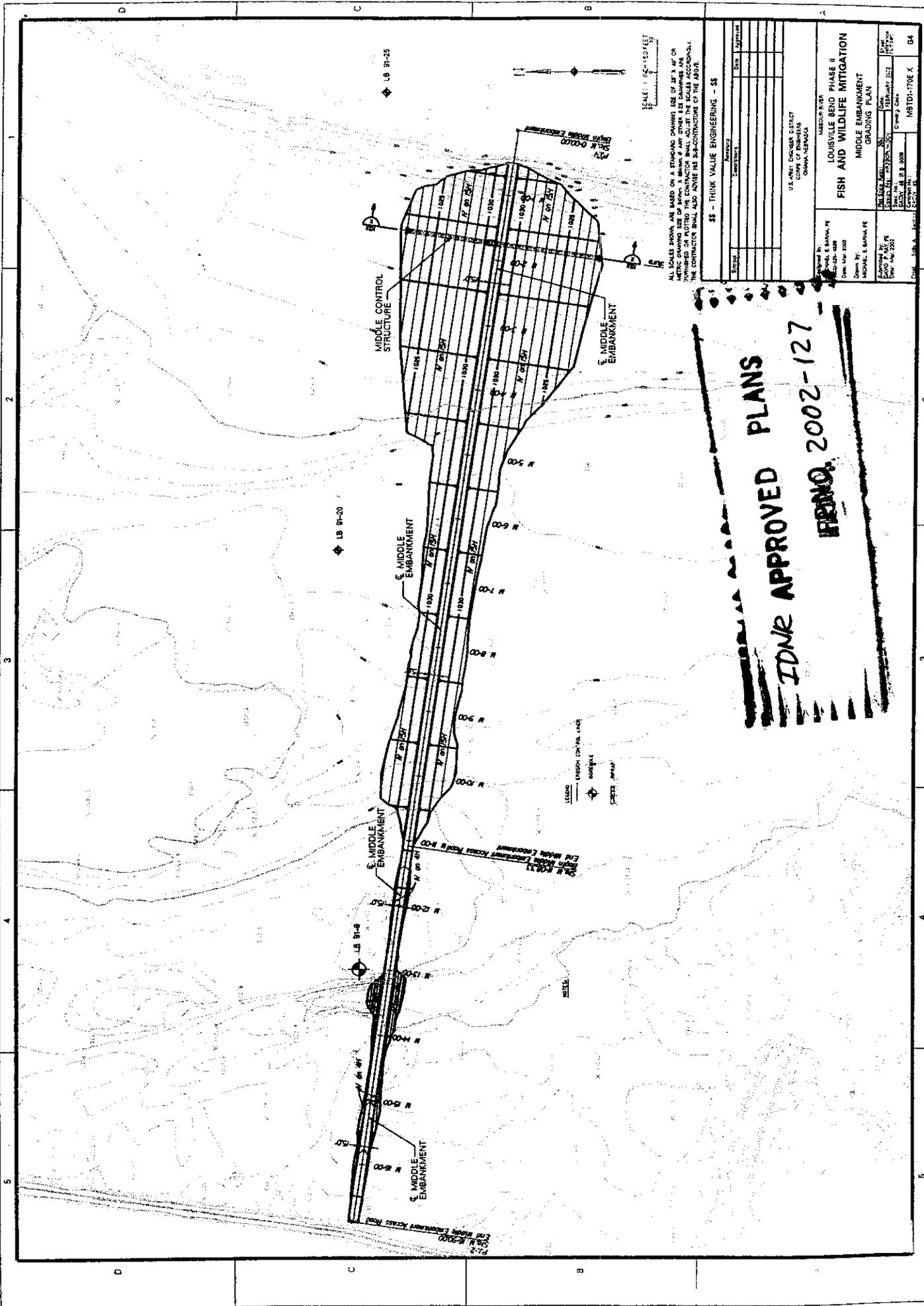
SCALE: 1"=100 FEET

- LEGEND**
- THIMBLER ACCESS ROAD
 - BORROW AREA

ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SET OF 11" X 17" OR METRIC DRAWING SIZE OF 300mm X 420mm. IF ANY OTHER SIZE DRAWING IS FURNISHED OR REQUESTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO ADVISE HIS SUB-CONTRACTORS OF THIS INFO.

PROJECT NO. _____ SHEET NO. _____ OF _____ DATE: _____	
U.S. ARMY CORP. OF ENGINEERS MISSOURI RIVER LOUISVILLE BEND PHASE II FISH AND WILDLIFE MITIGATION PROJECT LOCATION MAP AND INDEX	
Prepared By: MICHAEL E. BARNETT, PE PROJECT NO. 1001 Drawn By: MICHAEL E. BARNETT, PE	Checked By: MICHAEL E. BARNETT, PE Date: 08/08/2002 Scale: 1"=100 FEET Drawing Code: MBT01-170E X Project No: MBT01-170E X G1





SCALE: 1" = 150 FEET

ALL SCALES SHOWN ARE BASED ON A STANDARD DRAWING SIZE OF 24" X 36" OR METRIC DRAWING SIZE OF 300MM X 450MM. IF ANY OTHER SIZE DRAWINGS ARE FURNISHED OR NOTED THE CONTRACTOR SHALL ADJUST THE SCALES ACCORDINGLY. THE CONTRACTOR SHALL ALSO NOTIFY HIS SUB-CONTRACTORS OF THE ABOVE.

\$\$\$ - THINK VALUE ENGINEERING - \$\$\$

Revised	By	Date	Reason

DESIGNED BY: MICHAEL E. BARNALL PE DRAWN BY: MICHAEL E. BARNALL PE CHECKED BY: MICHAEL E. BARNALL PE DATE: 04/11/2002	PROJECT NO.: 02-127 SHEET NO.: 04 DATE: 04/11/2002
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U.S. ARMY CORPUS OF ENGINEERS DISTRICT OFFICE DANVERS, NEBRASKA	LOUISVILLE BEND PHASE II FISH AND WILDLIFE MITIGATION MIDDLE EMBANKMENT GRADING PLAN
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APPROVED PLANS
IDNR 2002-127

- NOTES:
- 1. EMBANKMENT CENTER LINE
 - 2. COMPLETE
 - 3. CENTER POINT

