LAND RECLAMATION COMMISSION

STATE OF MISSOURI
P.O. BOX 176
JEFFERSON CITY, MISSOURI 65102
573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO
DELTA ASPHALT, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements In the application, a permit is hereby granted to engage in surface mining of sand & gravel in the state of Missouri. The extent of the Proposed mining operation(s) will be on 58 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Stoddard	03, 10	25N	10E	45	0	45	Dexter Gravel	0374
New Madrid	06, 07	25N	13E	5	0	5	*Morehouse	0372
Stoddard	02	27N	11E	5	0	5	*Bell City Pit #1	0373
Stoddard	02	27N	11E	3	0	3	*Bell City Pit #2	0375
							*Sites permitted for reclamation only	

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 30th day of August 2004

DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0312
Effective Date 09/25/2004
Expiration Date 09/24/2005

MO 780-1122 (6-95)

RECEIVED

AUG 16 2004

MISSOURI LAND RECLAMATION COMMISSION

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL			DATE
Delta Asphalt Inc			8/9/2004
ADDRESS	CITY	STATE	ZIP CODE
P.O. Box 880	Cape Girardeau	MO	63702
CONTACT PERSON			TELEPHONE NUMBER
Carol Hudak, Environmental Coordinator			573 334-5261

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	**Mark each month that the site will be operated during the permit year**	For sites operated less than six months per permit year pay **$150** For sites operated six months or more per permit year pay **$300**
1. All on Permit 0312:	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$
3. Bell City Pit #1, Site 373	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$ 0
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$
5. Bell City Pit #2, Site 375	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$ 0
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$
7. Morehouse Pit, Site 372	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$ 0
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$
9. Dexter Pit, Site 374	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$ 0
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	$
TOTAL SITE FEE →		$

2. Acreage Fee $5 X _____ number of acres bonded ..... $

3. Annual Permit Fee ..... $ 500

4. Total Fee (Add totals from 1, 2 and 3) ..... $

NOTE: If Total Fee exceeds $2,500.00 then pay only ..... $ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee ..... $ 300

SIGNATURE OF APPLICANT	TITLE	DATE
Carol A. Hudak	Environmental Coord.	8/9/2003

Appeared before me this 09 day of August, 2004, _____ to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSER SEAL	STATE OF	COUNTY (OR CITY OF ST. LOUIS)
	Missouri	Cape Girardeau
	SUBSCRIBED AND SWORN BEFORE ME, THIS 9th DAY OF August YEAR 2004	USE RUBBER STAMP IN CLEAR AREA BELOW.
	NOTARY PUBLIC SIGNATURE: Sharon A. Johnson	MY COMMISSION EXPIRES: 2-22-08
	NOTARY PUBLIC NAME (TYPED OR PRINTED): Sharon A. Johnson	SHARON A. JOHNSON Notary Public - Notary Seal STATE OF MISSOURI CAPE GIRARDEAU COUNTY MY COMMISSION EXP. FEB. 22, 2008

FOR DEPARTMENT USE ONLY: APPROVED BY	DATE APPROVED	PERMIT NUMBER	EXPIRATION DATE
Michael J. Mueller	8/20/04	0312	9/24/05

MO 780-1780 (12-02)

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

SITE INFORMATION FORM

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MISSOURI LAND
RECLAMATION COMMISSION

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER	PERMIT NUMBER
Delta Asphalt Inc. Dexter Gravel Pit	#312

COMPANY NAME: Delta Asphalt Inc.

COUNTY	1/4 SECTION	SECTION
Stoddard		3 and 10
TOWNSHIP	**RANGE**	**ACRES**
25N	10E	59

RIVER OR STREAM NAME (FOR IN-STREAM ACRES): N/A

MINERAL COMMODITY	ESTIMATED TONS/YEAR (FOR GRAVEL SITES)
Gravel	50,000 Average

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE): Delta Asphalt Inc.

ADDRESS: P.O. Box 880

CITY	STATE	ZIP CODE
Cape Girardeau	Mo.	63702

SOURCE OF RIGHT TO MINE (CHECK ONE):

- [ ] MINERAL DEED
- [x] WARRANTY DEED
- [ ] LEASE
- [ ] VERBAL AGREEMENT
- [ ] OTHER (DESCRIBE): _____

DATE OF AGREEMENT:

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE): Delta Asphalt Inc.

ADDRESS: P.O. Box880

CITY	STATE	ZIP CODE
Cape Girardeau	Mo.	63702

SOURCE OF RIGHT TO MINE (CHECK ONE):

- [ ] MINERAL DEED
- [x] WARRANTY DEED
- [ ] LEASE
- [ ] VERBAL AGREEMENT
- [ ] OTHER (DESCRIBE): _____

DATE OF AGREEMENT:

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.

MISSOURI DEPARTMENT NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

RECEIVED OCT 23 1992

RECEIVED

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):
☐ SHORT TERM, FOR ONE PERMIT YEAR
☒ LONG TERM, FOR PERIOD THROUGH DATE: September 24, 1997

MISSOURI LAND RECLAMATION COMMISSION

SEP 23 1992

MISSOURI LAND RECLAMATION COMMISSION

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

This site was previously used as a row crop farm prior to being purchased by the mine operator. Some of the property contained significant erosion channels resulting from poor erosion control while being farmed. The topography consists of somewhat steep rolling hills. After row cropping had ceased, much of the native grasses took over prior to mining. There is also some wooded areas with thick underbrush. The soil is very clay like, sandy and rocky.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING: 10-13-92 12 bm INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE? ☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

There is not much top soil in this area. The dirt is scraped off the top of the ground with dozer's and scrapers. 10-13-92 bm As this area had been farmed prior to mining, the depth of top soil and fill dirt varies in different sections of the property. We will replace all stripped areas with a minimum of 12 inches of dirt that is required in order to sustain revegation of the seed.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

The limited top soil and fill dirt is spread into stock piles and other areas of the site. It is deposited and used to create proper back slopes as part of the reclamation that is currently taking place. 10-13-92 bm Stock piles of dirt will be seeded where necessary in order to control erosion.

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

Spoil is disposed of by placing it into the pit and using it under a dirt cover to help back slope mined out faces. All spoil will be covered and properly sloped as part of the reclamation process.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

The pit is located along Stoddrd County road 405 between County road 341 and State highway 60. The pit is on Crowley's ridge. In this area of Crowley's ridge, the gravel deposits are extremely irregular and are scattered in pockets throughout the pit. The permitted acreage is split into two separate tracts on the site. One site is approx. 10 acres and the second site is approx. 38 acres. Dimensions are listed on attached map. Due to the irregular gravel formations of Crowley's ridge, It is anticipated that we may request a varience at a later date in this permit year to mine within 50' of County road 405.

YES	NO	
☒	☐	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
☐	☒	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
☒	☐	Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

Dexter

A. RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

REVEGETATION (Attach additonal sheets, if needed)

REVEGETATION MIX #1	PURPOSE OR LAND USE	SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

All information on this page remains the same as the mine plan revision dated 1996, except for the addition of sericea lespedeza as a seeded species.
C. Hudak 10/6/2003

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS / ACRE	TREE OR SHRUB SPECIES	STEMS / ACRE
Sericea lespedeza			

REVEGETATION MIX #2	PUPOSE OR LAND USE	SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

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RECLAMATION COMMISSION

Lime and fertilizer will be applied according to recommendations based upon soil test analyses from a qualified soils lab. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS / ACRE	TREE OR SHRUB SPECIES	STEMS / ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITONAL SEED MIXES.

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
#1	Wildlife	Fescue-Oct. Lespedeza March

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

As final grading of the back slopes are completed, the dirt will be disc and harrowed. The seed is then broad cast over the graded areas. The seed will be planted in March following the final grading. 10-13-97 DM

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Legumes-Lespedeza (Korean) 10-13-97 DM	25/Acre	Short leaf pine	100/Acre
Wheat	50		
Orchard Grass 9-1-96	8	9-1-96 DM	
Ladino Clover DM.	2		
Red Clover	6		
Korean Lespedeza	10		

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

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SEP 13 1996
MISSOURI LAND
RECLAMATION COMMISSION

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

Dexter

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SEP 2 2 2003

MISSOURI LAND RECLAMATION COMMISSION

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

All information on this page remains the same as the mine plan revision dated 1996, except for Section (D) Use of Land When Reclaimed. See revised use below.

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

REPLACEMENT

REVEGETATION

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

D. USE OF LAND WHEN RECLAIMED Estimate acreage of each land use below, after reclamation	**ESTIMATED ACRES:**
Wildlife (forest or other habitat with livestock excluded)	45.0
Agriculture (pasture, cropland, and horticultural)	
Development (residential, industrial and recreational)	12.4
Water impoundments (for wildlife, agricultre, or development)	1.6

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

All spoil will be graded and covered with dirt capable of being traveled by farm equipment. Several small traps (ponds) will be consrtructed when the final grading has been completed as a measure to control erosion from runoff. Vertical faces will be backsloped and graded to a topography that is capable of allowing the the vegetation to establish that is described in section "(A)". All slopes will be graded to a 3:1 Angle and traversable as required. 10-13-92 DM

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Since our needs for gravel are determined specifically by the awarding of jobs for our construction company on competitive bids, it is not possible to state exactly when grading will begin. Reclamation is constatntly on going in several parts of the mine site where we have completed mining as theneed for gravel dictates. Final grading will be conducted within 12 months after the expiration of the permit in all areas where we have completed mining. 10-13-92 We will relpace the required 12 inches minimum of material in all areas capanle of sustaining revegetation.

REPLACEMENT OF TOPSOIL

REVEGETATION

First growing season following the completion of the final grade. 10-13-92 For the Korean Lespedeza it will be in March following the completiion of the final Gradeing. Vegetation will be completed within 24 months ~~of the expiration of permit~~ in all areas where we have completed mining.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES) 2-6 (capabel of sustaining vegetation) 12" total fill

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES
Wildlife (forest or other habitat with livestock excluded)	59 9-11-96 DM. ~~47~~ ~~54~~ 10-13-94
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	
Water impoundments (for wildlife, agricultural, or development)	

RECEIVED SEP 13 1996 MISSOURI LAND ~~RECLAMATION COMMISSION~~

Dexter

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.

2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.

3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.

4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT	TITLE	DATE
[signature]	Safety/Compliance Coordinator	09/16/92

NOTARY PUBLIC EMBOSSER SEAL	STATE	COUNTY (OR CITY OF ST. LOUIS)
	Missouri	Cape Girardeau County
	SUBSCRIBED AND SWORN BEFORE ME, THIS 22nd DAY OF September 19 92	USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE: [signature] — MY COMMISSION EXPIRES: 5/27/92	
	NOTARY PUBLIC NAME (TYPED OR PRINTED): Kathleen Akers	

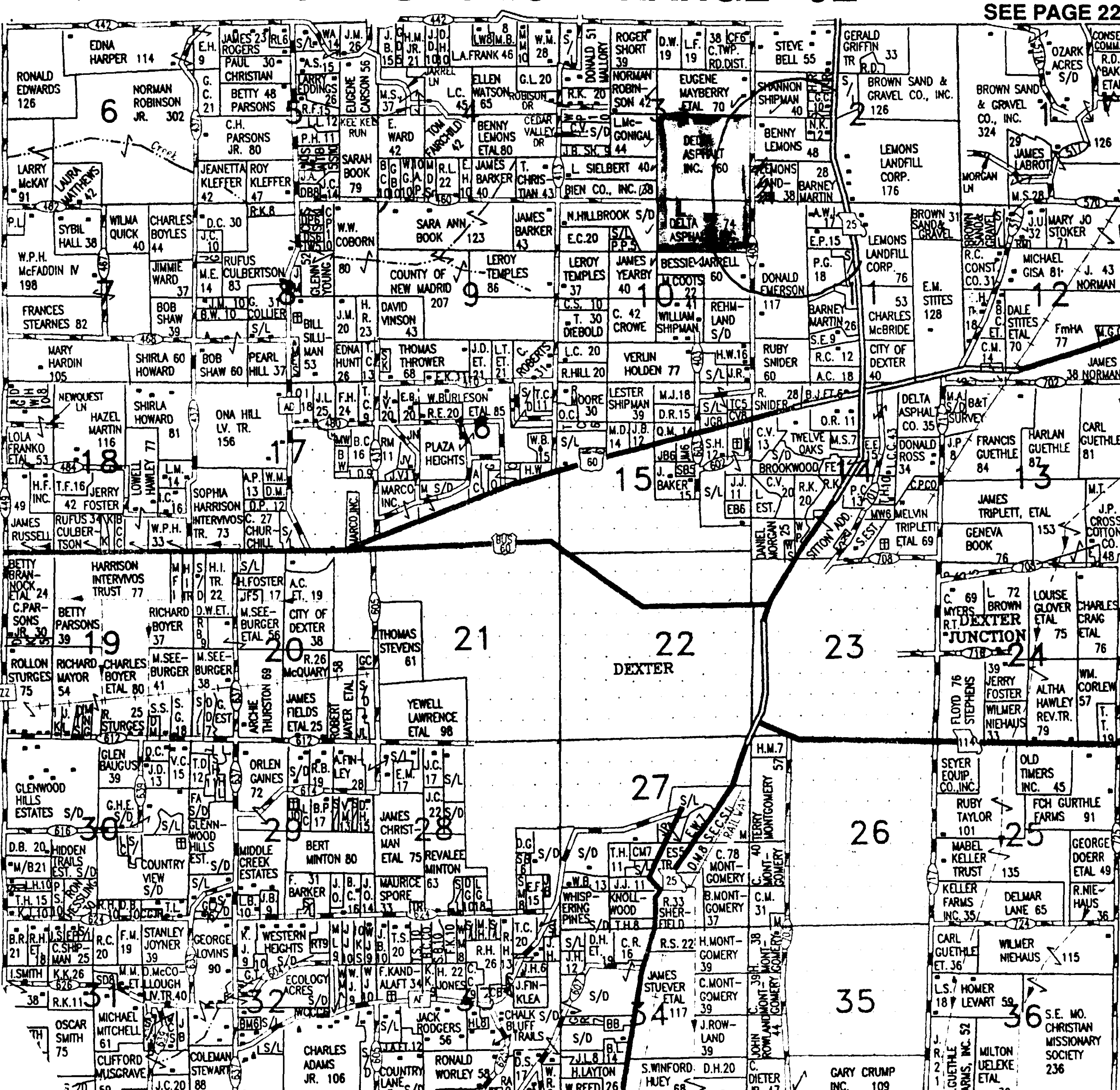
APPROVED BY (DIRECTOR'S REPRESENTATIVE)	DATE APPROVED	PERMIT NUMBER
Karen F. Worthy LRS II	11/24/92	312

Dexter

TOWNSHIP 25N • RANGE 10E

SEE PAGE 22

SEE PAGE 26



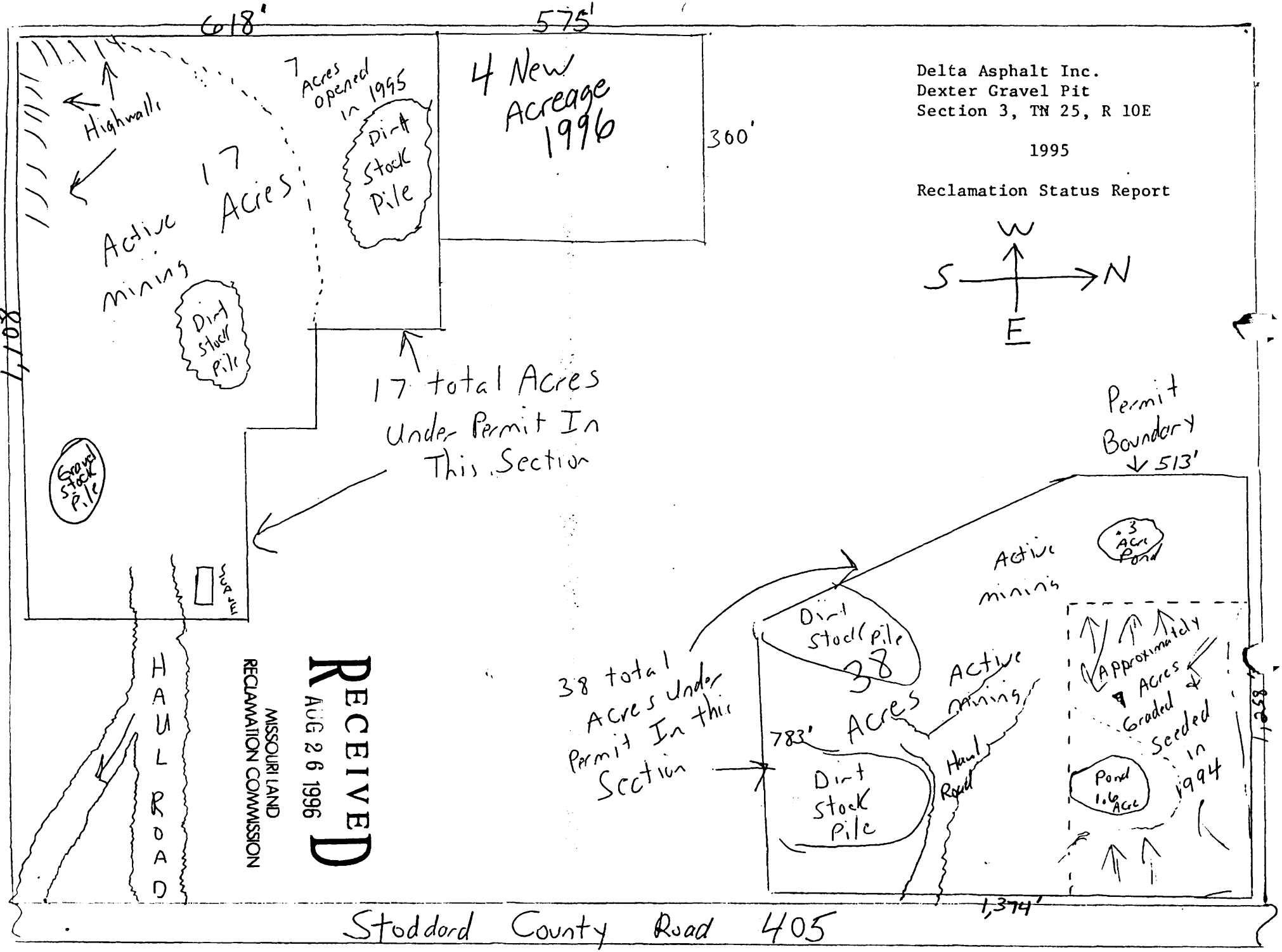
SEE PAGE 28

SEE PAGE 32

Delta Asphalt Inc.
Dexter Gravel Pit
Section 3, TN 25, R 10E

1995

Reclamation Status Report



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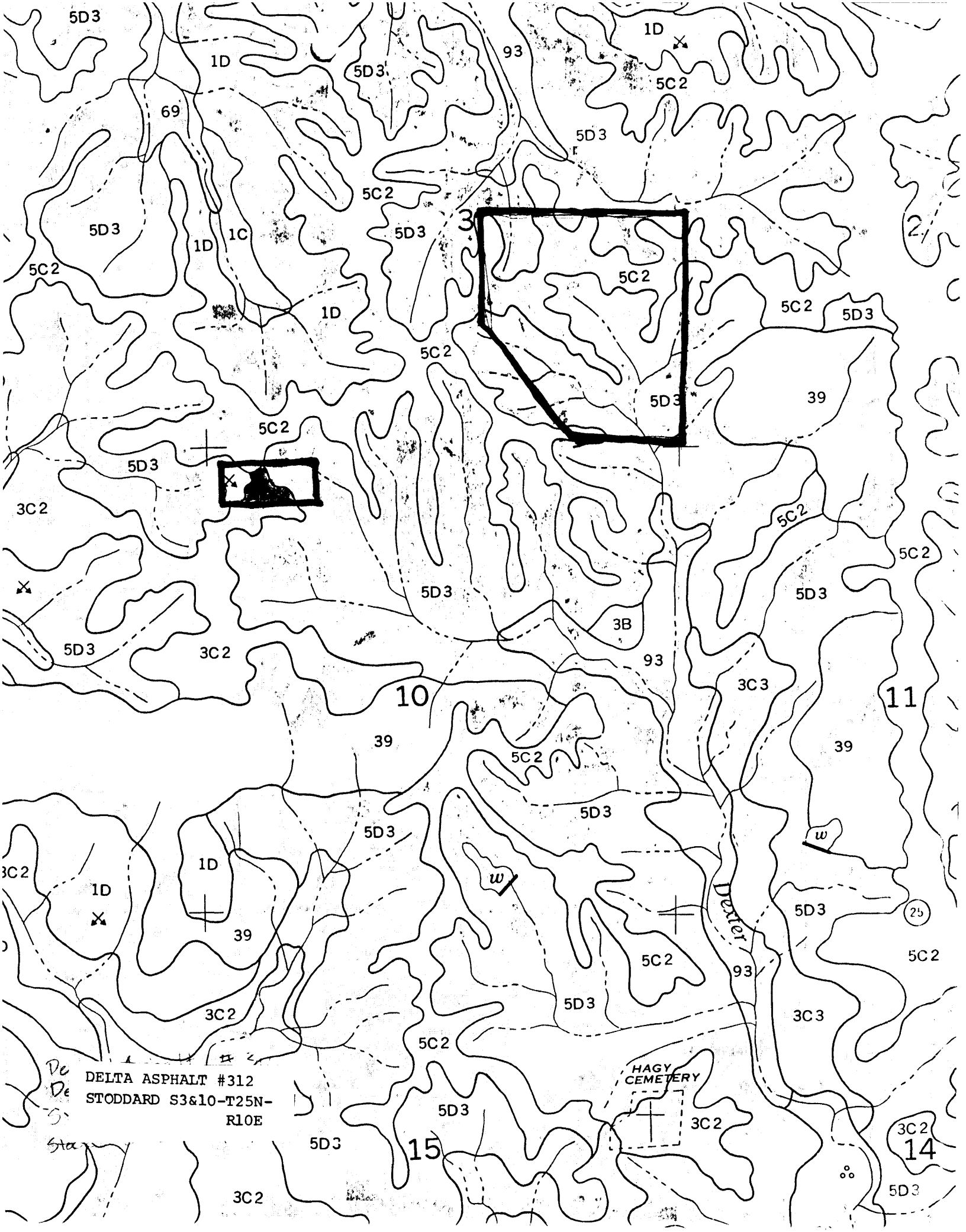

DELTA ASPHALT #312
STODDARD S3&10-T25N-R10E

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

SITE INFORMATION FORM

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER	PERMIT NUMBER
Morehouse Sand Pit	#312

COMPANY NAME: Delta Asphalt Inc.

COUNTY	1/4 SECTION	SECTION
New Madrid	SE,NE	6 & 7
TOWNSHIP	**RANGE**	**ACRES**
25N	13-E	5

RIVER OR STREAM NAME (FOR IN-STREAM ACRES):

MINERAL COMMODITY	ESTIMATED TONS/YEAR (FOR GRAVEL SITES)
Sand	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE): J.V. Conran Trust Estate

ADDRESS: P.O. Box 218

CITY	STATE	ZIP CODE
Portageville	Mo.	63873

SOURCE OF RIGHT TO MINE (CHECK ONE):

- [ ] MINERAL DEED
- [ ] WARRANTY DEED
- [ ] OTHER (DESCRIBE):
- [X] LEASE
- [ ] VERBAL AGREEMENT

DATE OF AGREEMENT: 01-11-79

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE): Delta Asphalt Inc.

ADDRESS: P.O. Box 880

CITY	STATE	ZIP CODE
Cape Girardeau	Mo.	63702

SOURCE OF RIGHT TO MINE (CHECK ONE):

- [ ] MINERAL DEED
- [ ] WARRANTY DEED
- [ ] OTHER (DESCRIBE):
- [ ] LEASE
- [X] VERBAL AGREEMENT

DATE OF AGREEMENT: 01-11-79

RECEIVED
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MISSOURI LAND RECLAMATION COMMISSION

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.

MO 780-1036 (12-91)

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

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P.O. BOX 176
JEFFERSON CITY, MO 65102
OCT 20 1992

SEP 23 1992
MISSOURI LAND RECLAMATION COMMISSION

TYPE OF PLAN (CHECK ONE):
☐ SHORT TERM, FOR ONE PERMIT YEAR
☒ LONG TERM, FOR PERIOD THROUGH DATE: September 24, 1997

MISSOURI LAND RECLAMATION COMMISSION

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

Prior to mining, this site was used as row crop farm land. The topography is very flat with no hills or ridges. Vegetation in the areas that are not farmed consists mainly of native grasses. The soil is sandy in the area and the water table is very high.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING	IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?
12 INCHES 10-13-92 DM.	☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The top soil is scraped from the layer of sand with a dozer and put into stock piles. The top layers of soil consisting mostly of clay will be stripped and stock piled. Once the sand is removed forming the water reservoir, at least 12 inches of dirt will be replaced around the edges of the water. Excess dirt will be discarded into the pit.

10-13-92 DM.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

Stock piled and seeded to prevent erosion. The topography is extremely flat in this area, consequently erosion is generally not a problem. Stock piles are seeded where necessary to control erosion

10-13-92 DM.

OCT 23 1992
REVISED

Morehouse

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

There is very little spoil from this operation. The spoil consists mainly of fill dirt and gravel. The fill dirt is stocked piled and will be graded around the pond as part of the reclamation. The gravel is used to maintain the road into the site. Any excess amounts of spoil (gravel) that is not needed will be pushed back into the water.

C. ACID MATERIALS

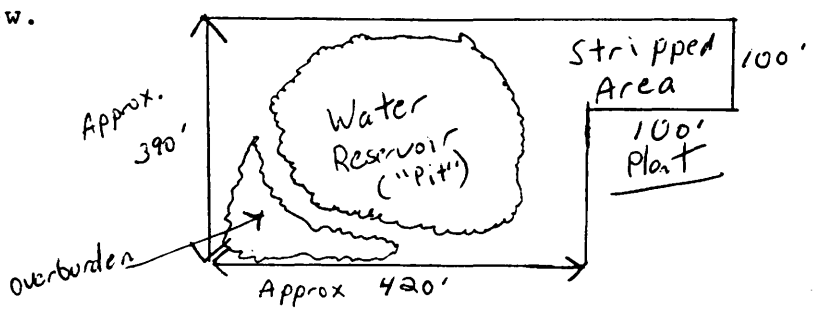
DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

The permitted area is somewhat "L" shaped. The pit itself consists of a water reservoir circular in shape. The Dimensions are included on the drawing below.



YES	NO	
☐	☒	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
☐	☒	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
☐	☒	Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

Morehouse

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME 10-13-92 DM.
#1	Water Res. Irrigation pond	Fescue-Oct. Lespedeza March

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

After the grading is completed around the water reservoir, the seed will be broadcast in the fall of the first growing season. Fescue will be planted in October, Korean Lsepedeza will be planted in March.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Tall Fescue 10-13-92 DM.	20/Acre		
Korean Lespedeze	20/Acre		

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

The overburden and dirt will be graded to a gradual slope around the edge of the water reservoir in a manner to eliminate all verticle drop-offs into the water as a result of the mining operation. The water reservoir will be capable of being used as a source of irrigation for the surrounding farmland and for recreation (fishing). All slopes around the pond will be graded to a 3:1 traversable angle 10-13-92 DM.

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

Grading will be completed within 12 monthe following the expiration of the permit when we have completed mining. 10-13-92 DM.

REPLACEMENT OF TOPSOIL

Top soil will be replaced around the edge of the pond to at least a 12 inch depth. This will be done within 12 months following expiration of permit.

REVEGETATION

- within 24 months after expiration of permit when we have completed minin

Fescue October
lespedeze March

10-13-92 DM.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

10-13-92 DM 12 Inches (Around the water Reservoir)

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	
Water impoundments (for wildlife, agricultural, or development)	

RECEIVED SEP 13 1996 MISSOURI LAND RECLAMATION COMMISSION

OCT 23 1992 REVISED

5 9-11-96

Morehouse

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.

2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.

3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.

4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

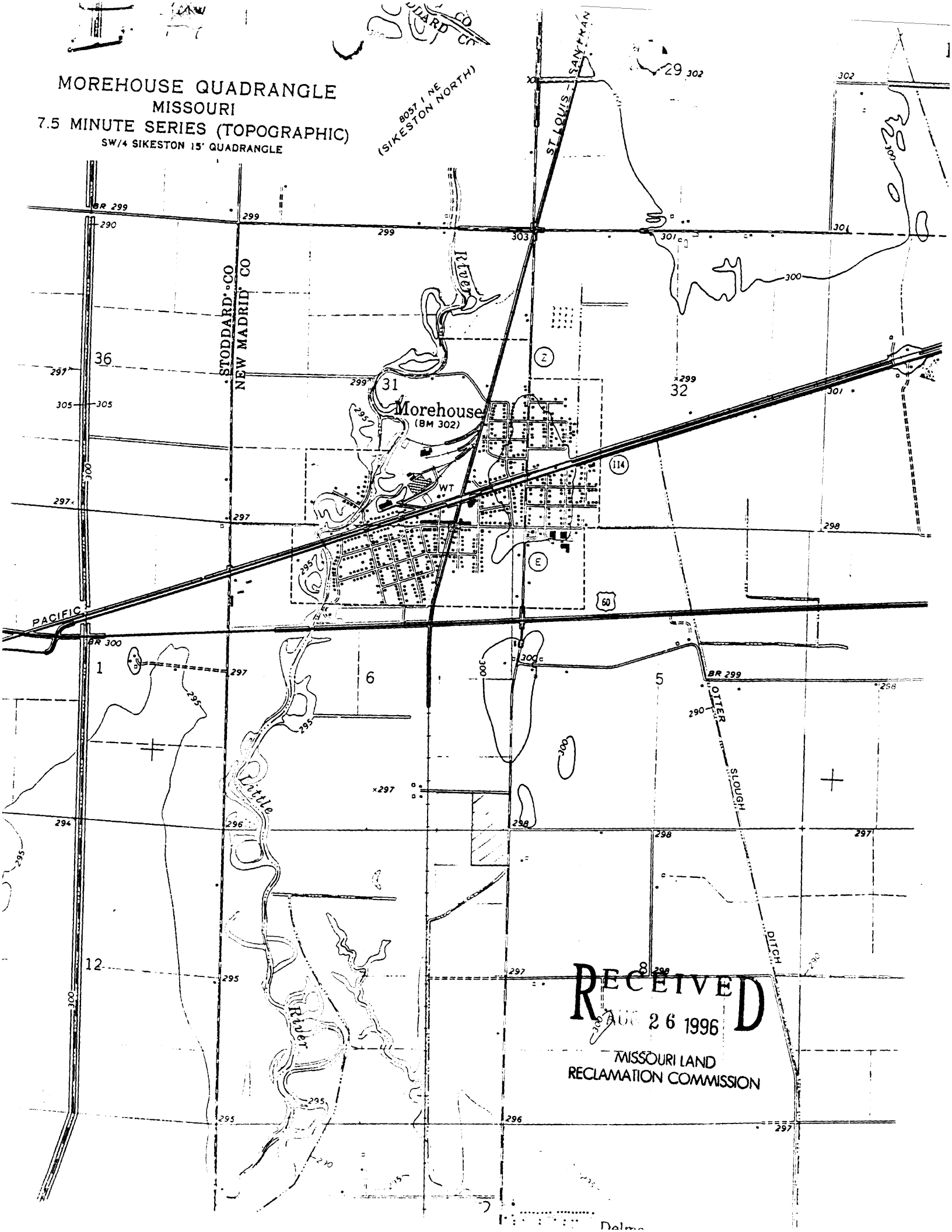
SIGNATURE OF APPLICANT	TITLE	DATE
[signature]	Safety/Compliance Coordinator	September 16, 1992

NOTARY PUBLIC EMBOSSER SEAL	STATE	COUNTY (OR CITY OF ST. LOUIS)
	Missouri	Cape Girardeau County
	SUBSCRIBED AND SWORN BEFORE ME, THIS 22nd DAY OF September 19 92	USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE [signature] / MY COMMISSION EXPIRES 5/27/94	
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Kathleen Akers	

APPROVED BY (DIRECTOR'S REPRESENTATIVE)	DATE APPROVED	PERMIT NUMBER
Karen F. Worthy LRS II	11/24/92	312

MO 780-1327 (12-91)

Morehouse


MOREHOUSE QUADRANGLE
MISSOURI
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 SIKESTON 15' QUADRANGLE
8057 I NE
(SIKESTON NORTH)
ST LOUIS - SAN FRAN
STODDARD CO
NEW MADRID CO
River
Morehouse
(BM 302)
WT
PACIFIC
Little
River
OTTER
SLOUGH
DITCH
36
31
32
1
6
5
12
8
29
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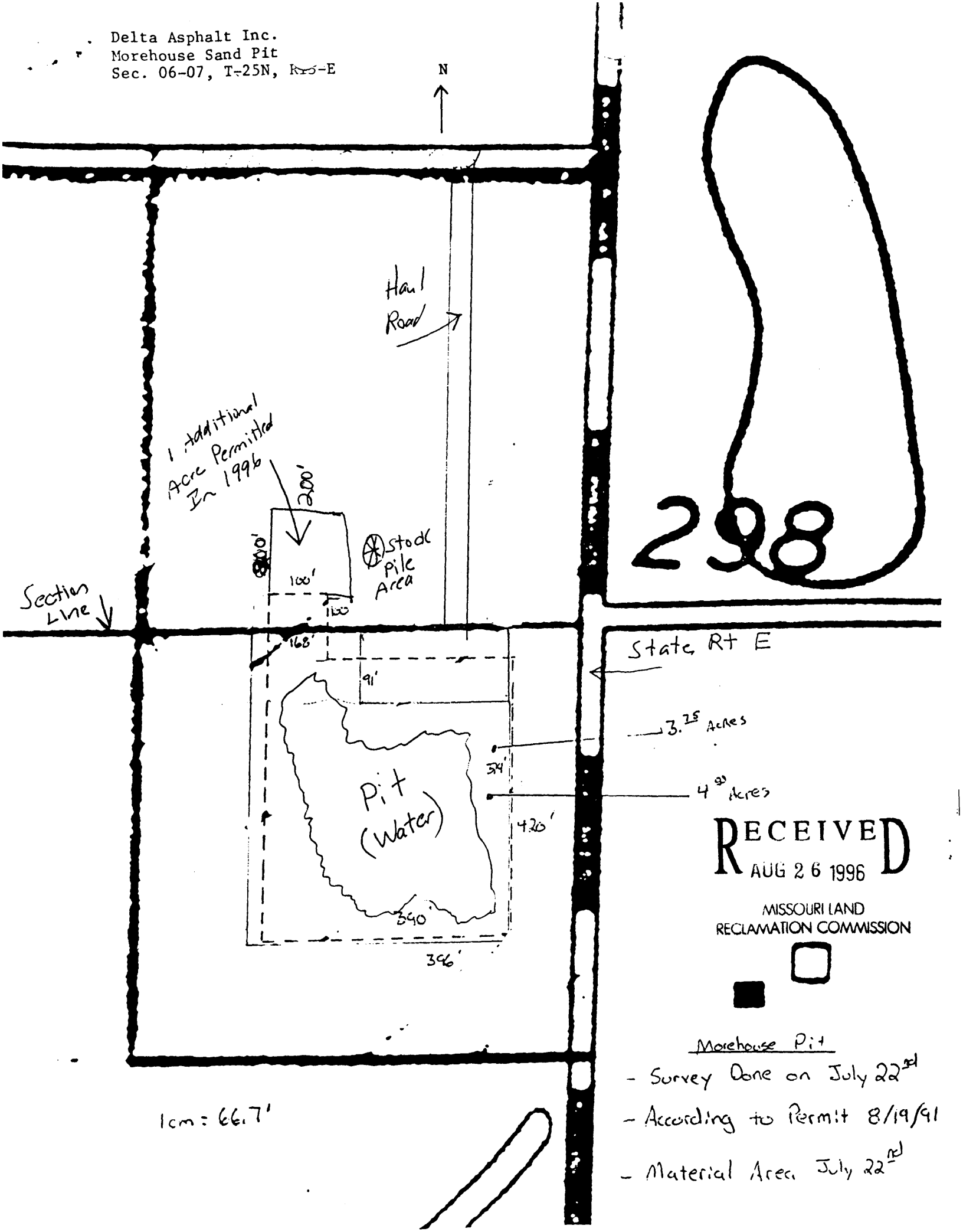
MISSOURI LAND
RECLAMATION COMMISSION

Delta Asphalt Inc.
Morehouse Sand Pit
Sec. 06-07, T-25N, R-5-E



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MISSOURI LAND RECLAMATION COMMISSION

Morehouse Pit

- Survey Done on July 22nd
- According to Permit 8/19/91
- Material Area July 22nd

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

SITE INFORMATION FORM

RECEIVED
AUG 26 1996
MISSOURI LAND RECLAMATION COMMISSION

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER	PERMIT NUMBER
Bell City Sand Pit #1	#312

COMPANY NAME: Delta Asphalt Inc.

COUNTY	1/4 SECTION	SECTION
Stoddard	NE	2

TOWNSHIP	RANGE	ACRES
27N	11E	5

RIVER OR STREAM NAME (FOR IN-STREAM ACRES): N/A

MINERAL COMMODITY	ESTIMATED TONS/YEAR (FOR GRAVEL SITES)
Sand	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE): Dwight Jennings

ADDRESS: P.O. Box 32

CITY	STATE	ZIP CODE
Bell City	Mo.	63735

SOURCE OF RIGHT TO MINE (CHECK ONE):

- [ ] MINERAL DEED
- [ ] WARRANTY DEED
- [ ] OTHER (DESCRIBE):
- [x] LEASE
- [ ] VERBAL AGREEMENT

DATE OF AGREEMENT: 01-23-96

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE): Delta Asphalt Inc.

ADDRESS: P.O.Box880 Cape Girardeau, Mo. 63702

CITY	STATE	ZIP CODE
Cape Girardeau	Mo.	63702

SOURCE OF RIGHT TO MINE (CHECK ONE):

- [ ] MINERAL DEED
- [ ] WARRANTY DEED
- [ ] OTHER (DESCRIBE):
- [x] LEASE
- [ ] VERBAL AGREEMENT

DATE OF AGREEMENT: 01-23-96

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.

MO 780-1036 (12-91)

MISSOURI DEPARTMENT NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

RECEIVED
SEP 23 1992
RECLAMATION COMMISSION

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):
☐ SHORT TERM, FOR ONE PERMIT YEAR
☒ LONG TERM, FOR PERIOD THROUGH DATE: 09/24/97

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

The Site is located along the Eustis-Memphis complex as defined by the Soil Conservation Service of the U.S.D.A. The actual pit is situated along the extreme eastern edge of Crowley's Ridge and overlooks the lowlands. The topography is very steep to extremely sloped with some of the natural hills near vertical to the lowlands just to the southeast. Vegetation in the area is mostly wooded with some natural grasses and underbrush covering the ground beneath the trees. The soil in the area is very sandy, rocky and clay like with almost no top soil over the sand and rock.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING: 0-2 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE? ☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The trees are first cut by the mine operator and are given to the property owner as is stipulated in the lease agreement. As mentioned, the mine is located on a steep slope and there is virtually no top soil in this area. The clay dirt that is on the top of the ground is scraped with a Dozer and front-end loader and pushed to the north side of the site. The dirt is spread out on a more level bench that has been created as a result of stripping.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

The dirt is spread out on a more level bench in the stripped area which assists in controlling erosion. Natural vegetation and weeds are allowed to grow around and on the dirt which also helps to hold is in place until it will be used for reclamation. Stock piles will be seeded where necessary to control erosion.

10-13-92
DM

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OCT 23 1992
MISSOURI LAND
RECLAMATION COMMISSION

REVISED

Bell City #1

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

There is very little spoil from this pit as the sand deposit is very close to the top of the ground. What spoil is produced will be left in the pit, spread out and covered with dirt.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

The pit is located between Stoddard County road 341 and the St. Louis/Southwestern Railroad right of way. A road leads from County Rd. 341 down the natural slope to the pit. The pit and stripped area measure approximately 350' X 215'. The pit is along the very steep slope of the east edge of Crowley's Ridge.

YES	NO	
☐	☒	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
☐	☒	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
☐	☒	Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

Bell City #1

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SEP 1 3 1996
MISSOURI LAND RECLAMATION COMMISSION

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
Mix #1	Woodland Wildlife	Fescue Oct Lespedeza March

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

After the dirt has been graded and spread, it will be harrowed and the seed will be broadcast. Straw will be used where needed since the natural terrain is steeply sloped to assist in control of erosion until the seed germinates. Fescue will be planted in October. Lespedeza will be planted in March.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Tall Fescue	20	Short leaf pine	100
Lespedeza (Korean)	20		
Seed Mixture #1	10-13-92 D.M.		
wheat	50		
Orchard Grass	8		
Ladino Clover 9-11-96 D.M.	2	9-11-96 D.M.	
Red Clover	6		
Korean Lespedeza	10		

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

As mentioned the natural topography is very steep in this area. All spoil will be graded and spread into the pit area. The original slope was not not traversable due to it's steepness and the naturally occurring rock outcroppings along the hillside. We will grade the pit to a slope that is the same as the original slope prior to mining 10-13-92 DM

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

As a construction company, material is only taken out of the pit as specific job bids are awarded. Final grading will be completed within 12 months after the expiration of the permit when we have finished minig 10-13-92 DM.

REPLACEMENT OF TOPSOIL

There is little to no natural top soil in this area. Dirt will be graded that is capable of supporting the vegetation described as mentioned above. ~~This will be done within 12 months following completion of mining.~~

REVEGETATION

First Growing season following the final grading. Revegetation will be completed within 24 months of the expiration of the permit when we have finished mining. 10-13-92 DM

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

12 inches (see page 1)

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	~~2~~ 5 DM 9-11-96
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	
Water impoundments (for wildlife, agricultural, or development)	

RECEIVED SEP 13 1996 MISSOURI LAND RECLAMATION COMMISSION

OCT 23 1992 REVISED

Bell City #4

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.

2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.

3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.

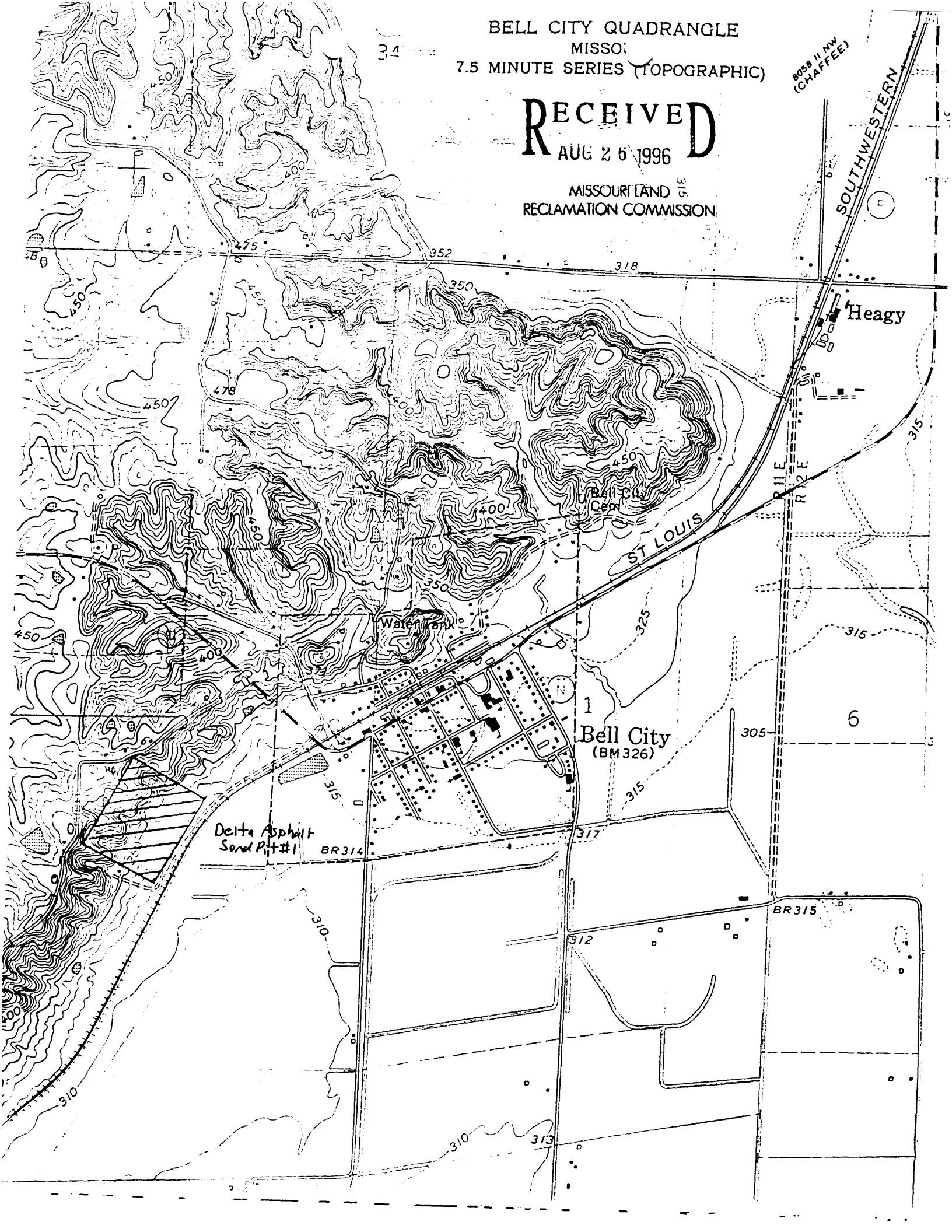
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT	TITLE	DATE
[signature]	Safety/Compliance Coordinator	September 16,1992

NOTARY PUBLIC EMBOSSED SEAL	STATE	COUNTY (OR CITY OF ST. LOUIS)
	Missouri	Cape Girardeau County
	SUBSCRIBED AND SWORN BEFORE ME, THIS 22nd DAY OF September 19 92	USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE: [signature] — MY COMMISSION EXPIRES: 5/27/94	
	NOTARY PUBLIC NAME (TYPED OR PRINTED): Kathleen Akers	

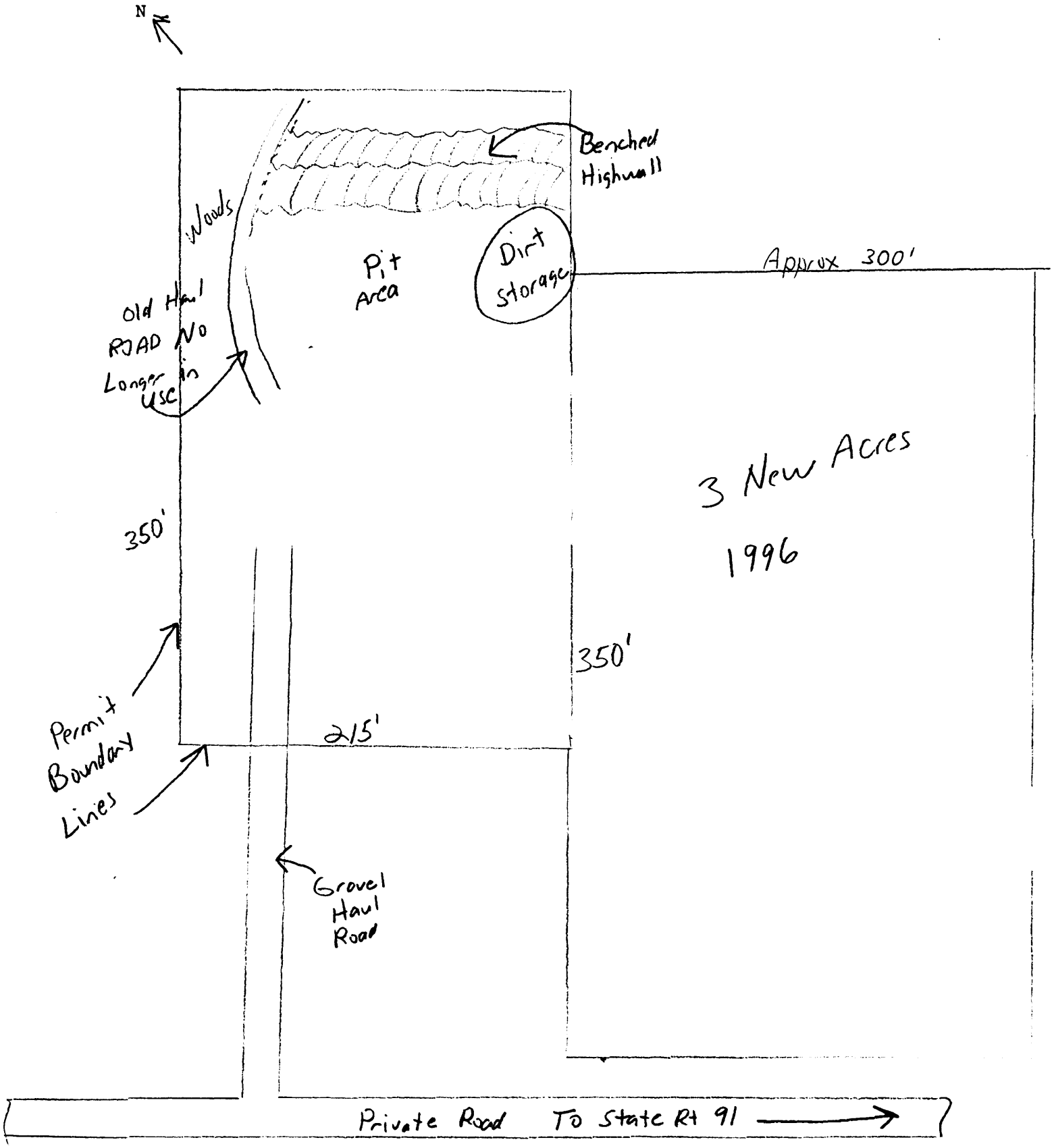
APPROVED BY (DIRECTOR'S REPRESENTATIVE)	DATE APPROVED	PERMIT NUMBER
Karen F. Northup LRS II	11/24/92	312

Bell City #1


BELL CITY QUADRANGLE
MISSO
7.5 MINUTE SERIES (TOPOGRAPHIC)
RECEIVED
AUG 26 1996
MISSOURI LAND
RECLAMATION COMMISSION
8058 II NW
(CHAFFEE)
SOUTHWESTERN
Heagy
ST LOUIS
Bell City
Cem
Water Tank
Bell City
(BM 326)
Delta Asphalt
Sand Pit #1
BR 314
BR 315
R 11 E
R 12 E
1
6
34
352
318
350
400
450
475
478
325
315
305
317
312
313
310

Delta Asphalt Inc.
Bell City Sand Pit #1
Sec. 2, T-27, R-11 E
(Dwight Jennings Property)

RECEIVED
AUG 26 1996
MISSOURI LAND
RECLAMATION COMMISSION



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

SITE INFORMATION FORM

RECEIVED
SEP 28 1992
MISSOURI LAND RECLAMATION COMMISSION

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER	PERMIT NUMBER
Bell City Sand Pit #2	# 312

COMPANY NAME: Delta Asphalt Asphalt Inc.

COUNTY	1/4 SECTION	SECTION
Stoddard	NE	2
TOWNSHIP	**RANGE**	**ACRES**
27N	11E	3

RIVER OR STREAM NAME (FOR IN-STREAM ACRES): N/A

MINERAL COMMODITY	ESTIMATED TONS/YEAR (FOR GRAVEL SITES)
Sand	N/A

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE): Mrs. Lucy Holifield

ADDRESS: Rt. 1

CITY	STATE	ZIP CODE
Bell City	Missouri	64735

SOURCE OF RIGHT TO MINE (CHECK ONE):

- [ ] MINERAL DEED
- [ ] WARRANTY DEED
- [ ] OTHER (DESCRIBE):
- [X] LEASE
- [ ] VERBAL AGREEMENT

DATE OF AGREEMENT: 09-01-92

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE): Delta Aspahlt Inc.

ADDRESS: 114 Silver Springs Rd.

CITY	STATE	ZIP CODE
Cape Girardeau	Missouri	63701

SOURCE OF RIGHT TO MINE (CHECK ONE):

- [ ] MINERAL DEED
- [ ] WARRANTY DEED
- [ ] OTHER (DESCRIBE):
- [X] LEASE
- [ ] VERBAL AGREEMENT

DATE OF AGREEMENT: 09-01-92

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.

MO 780-1036 (12-91)

MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

RECEIVED
P.O. BOX 176
JEFFERSON CITY, MO 65102

SEP 23 1992
RECLAMATION COMMISSION

TYPE OF PLAN (CHECK ONE):
☐ SHORT TERM, FOR ONE PERMIT YEAR
☒ LONG TERM, FOR PERIOD THROUGH DATE: September 24, 1997

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

The site is located along the Eustis-Memphis complex as defined by the Soil and Conservation Service of the U.S.D.A. The actual pit is situated along the extreme eastern edge of Crowley's Ridge and overlooks the lowlands. The topography is very steep to extremely sloped with some of the natural hills near vertical to the lowlands just to the souhteast. Vegetation consists mostly of woods although there is an area of the site which has been cleared and consists of grasslands. It appears that a small amount of mining sand has already been done on the site by other unknown persons. Soil is sandy and rocky.

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING: 0-2 INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE? ☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The topsoil will be scraped from the top of the ground, placed into a stock pile for storage and will be seeded to assist in preventing any erosion. If it is found to be required once mining starts, additional erosion control will be constructed with sheeting and straw bails.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

See Above

Bell City #2

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

It is anticipated that there will be very little spoilfrom this operation as the sand deposit lays close to the top of the ground. What spoil is produced will be placed back into the pit, properly graded and covered with dirt once mining has been completed. Storage of spoil during the mining process will consist of placing in stock piles and seeding to control erosion until it can be placed into the pit.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

The pit will be cut into the hillside and shall be somewhat square approx. 400' X 400'.

YES	NO	
☐	☒	Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?
☐	☒	Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)
☐	☒	Will any excavation start at or within fifty feet (50') of any property line? (NOTE: If the answer is "yes", a safety barrier may be needed.)

Bell City #2

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
#1	Woodland Wildlife	October and March 10-13-97 DM

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

After the dirt has been graded and spread, it will be harrowed and the seed will be broadcast. Straw will be used where needed since the natural terrain is steeply sloped to assist in controlling erosion until the seed germinates. The fescue will be planted in Oct. the Lespedeza will be planted in March. 10-13-97 DM

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Tall Fescue	10	Short leaf pine	400
Lespedeza (Korean)	10		
10-13-97 DM wheat orchard Grass Ladino clover Red clover Korean Lespedeza 09-11-96 DM.	50 8 2 6 10	DM 9-11-96	

REVEGETATION MIX #2	PURPOSE OR LAND USE	B. SEEDING OR PLANTING TIME
#2	Stock Pile	October

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Broadcast over the piles

10-13-97 DM.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Fescue	20/Acre		

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ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

OCT 23 1992

REVISED

Bell City #2

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

As mentioned the natural topography is very steep in this area. All spoil will be graded and spread into the pit area. The pit walls will be sloped to the original contour prior to mining.

10-13-92 DM

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

As a construction company, material is only taken out of the pit as specific job bids are awarded. Final grading will be completed within 12 months of the permit expiration when we have completed mining.

10-13-92 DM

REPLACEMENT OF TOPSOIL

There is little to no natural top soil in this area. Dirt will be graded that is capable of supporting the vegetation described as mentioned above. ~~This will be done within 12 months of the permit expiration when we~~ have finished mining.

REVEGETATION

First Growing season following the final grading. Vegetation will be complete within 24 months of the permit expiration when we have finished mining.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

4 inch 10-13-92 DM

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	3
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	
Water impoundments (for wildlife, agricultural, or development)	

Bell City #2

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.

2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.

3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.

4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT	TITLE	DATE
[signature]	Safety/Compliance Coordinator	September 16,1992

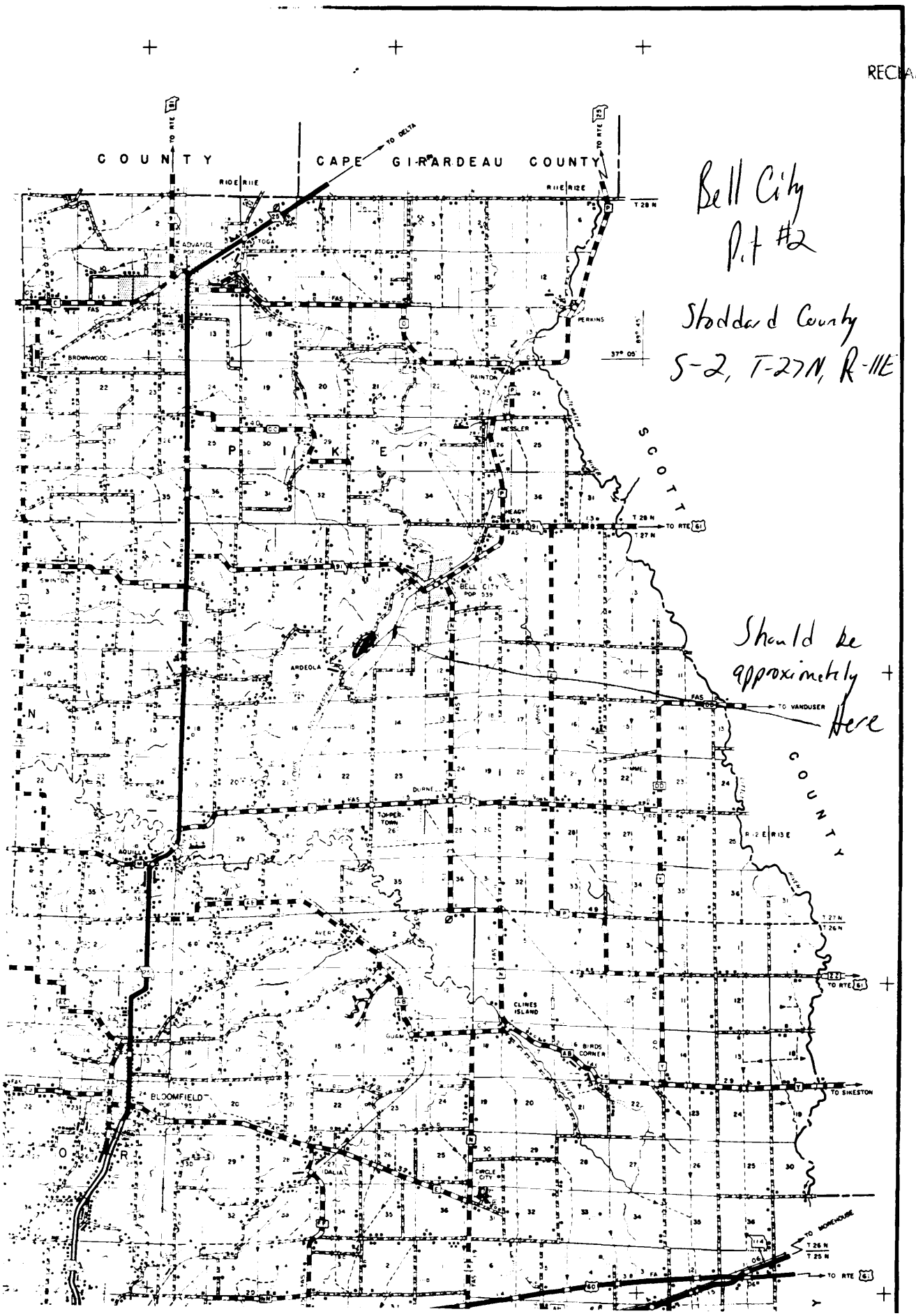
NOTARY PUBLIC EMBOSSER SEAL	STATE	COUNTY (OR CITY OF ST. LOUIS)
	Missouri	Cape Girardeau County
	SUBSCRIBED AND SWORN BEFORE ME, THIS 22nd DAY OF September 19 92	USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE: [signature] — MY COMMISSION EXPIRES: 5/27/94	
	NOTARY PUBLIC NAME (TYPED OR PRINTED): Kathleen Akers	

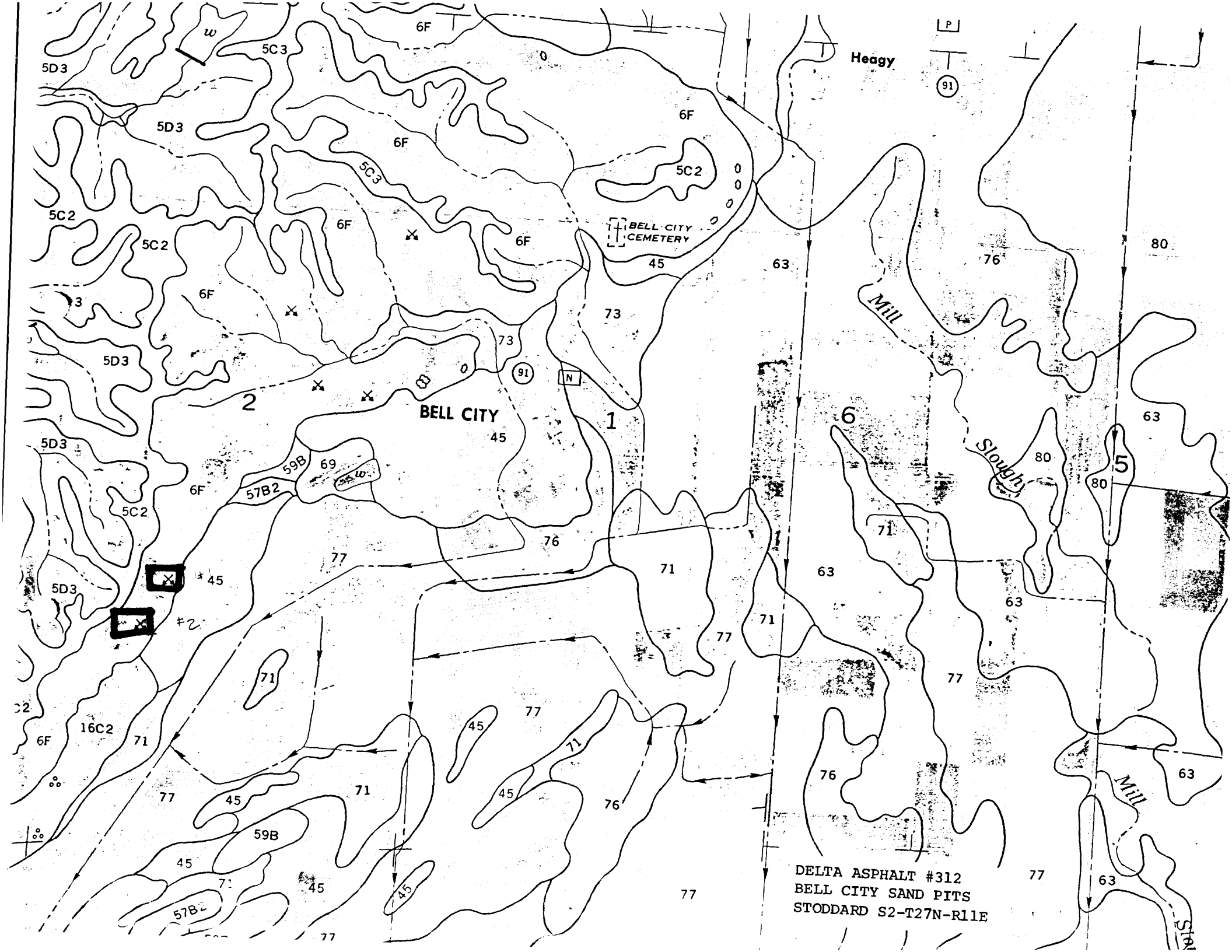
APPROVED BY (DIRECTOR'S REPRESENTATIVE)	DATE APPROVED	PERMIT NUMBER
Karen F. Northup LPSII	11/24/92	312

Bell City #2

Delta Asphalt Inc.
Bell City Sand Pit #2

RECEIVED
SEP 23 1992
MISSOURI LAND
RECLAMATION COMMISSION




Heagy
BELL CITY
BELL CITY CEMETERY
Mill
Slough
Mill
DELTA ASPHALT #312
BELL CITY SAND PITS
STODDARD S2-T27N-R11E