



**US Army Corps
of Engineers®**
Nashville District

Public Notice

Public Notice No. 04-52

Date: August 5, 2004

Application No. 200401401

Please address all comments to:
Regulatory Branch, 3701 Bell Road, Nashville, TN 37214-2660

**JOINT PUBLIC NOTICE
US ARMY CORPS OF ENGINEERS
AND
COMMONWEALTH OF KENTUCKY**

SUBJECT: Proposed Realignment of KY-92 West of Williamsburg, From Jellico Creek to I-75, in Whitley County, Kentucky

TO ALL CONCERNED: The application described below has been submitted for a Department of the Army (DA) Permit pursuant to **Section 404 of the Clean Water Act (33 U.S.C. 1344)**. Before a permit can be issued, certification must be provided by the Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet, pursuant to Section 401(a)(1) of the CWA, that applicable water quality standards will not be violated. By copy of this notice, the applicant hereby applies for the required certification.

APPLICANT: Kentucky Transportation Cabinet (KYTC)
Division of Highways
State Office Building 10th Floor
Frankfort, Kentucky 40622

LOCATION: The proposed project begins approximately 6.37 miles west of Williamsburg near Corn Bread Branch, ties back into existing KY 92 as it enters into Williamsburg, and ends at I-75. Construction activities would impact Corn Bread Branch, Jellico Creek and tributaries, Brier Creek and tributaries, and a tributary to Paint Creek. The proposed work is located on the Williamsburg, Kentucky USGS Quadrangle Map (Exhibit A).

DESCRIPTION: The proposed work consists of the relocation of approximately 6.37 miles of KY-92 in Whitley County, which is a segment of a larger improvement project for KY-92. The existing roadway has horizontal and vertical deficiencies as well as narrow pavement, a lack of paved shoulders, and heavy truck traffic. KYTC's stated primary need is to address these safety concerns. KYTC adds that the proposed work would provide greater capacity to accommodate increasing traffic and satisfy the need for better accessibility for police and fire protection in the vicinity while reducing the associated travel times. KYTC considered several alternatives, and public meetings were held for input/comment. The alternative selected was based on a review of historic properties, impacts to farming and commercial operations, and the social and economic impacts to the general area (residential displacement, local facilities and services, etc.).

The KY-92 relocation will require embankments to realign and regrade the roadway and approximately 48 new culverts resulting in stream impacts at 31 locations. Of the 31 culvert impact locations, nine will be to perennial streams, four to intermittent streams, and 18 to ephemeral streams. Culvert, channel change, and roadway embankment impacts would total 15,398'. An excess fill area would be necessary resulting in impacts to 10 streams and an additional 4,355' of channel.

A DA permit would be necessary for impacts at the locations described below. Please refer to the location map for specific impact site locations. As listed, these sites generally run west to east along the project.

a. Culvert Impacts. The culverts identified below are located across and along the proposed KY-92 align-

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ment or within approximately 200' of the proposed roadway on intersection roads.

- Sta. 351+27 – Construct a 30” culvert pipe 45’ in length for private entrance with 75’ of inlet and 240’ of outlet ditching. Remove existing 45’ of 18” culvert pipe (entrance) and another 60’ of 18” culvert pipe (cross drain). The impact to existing waters is 220’ (0.010 acres) to an ephemeral stream (unnamed tributary of Corn Bread Branch). Affected drainage area = 4 acres.
- Sta. 352+83 – At Corn Bread Branch, construct a 7’ x 5’ box culvert 157’ in length with 28’ inlet and 25’ of outlet channelization and remove 50’ of existing double 6’ x 2.5’ stone box culvert. The impact to existing waters is 245’ (0.067 acres) to a perennial stream. Drainage area at this site = 417 acres. (See Exhibit B)
- Sta. 365+72 - Construct an 18” culvert pipe 151’ in length with 15’ of outlet channelization. Remove 30’ of existing 18” culvert pipe. The impact to existing waters is 90’ (0.010 acres) to an ephemeral stream (unnamed tributary of Jellico Creek). Affected drainage area = 5 acres.
- Left Sta. 371+10 (KY-92 Connector @ Sta. 48+72) – Construct 24” culvert pipe 45’ in length with 255’ of inlet and 20’ of outlet channelization. Remove 40’ of existing 18” culvert pipe. The impact to existing waters is 220’ (0.025 acres) to an ephemeral stream (unnamed tributary of Jellico Creek). Affected drainage area = 6 acres.
- Sta. 374+85 – At Jellico Creek, construct a 7’ x 6’ box culvert 389’ in length with 35’ inlet channelization and 245’ of outlet channelization. The new channel will be lined with quarried rock. The impact to existing waters is 930’ (0.299 acres) to a perennial stream. Drainage area at this site = 540 acres. (See Exhibit C)
- Sta. 391+92 – Construct a 42” culvert pipe 100’ in length with 68’ of outlet channelization. Remove 25’ of existing 12” culvert pipe. The impact to existing waters is 167’ (0.019 acres) to an ephemeral stream (unnamed tributary of Jellico Creek) and 0.035 acres of open water (pond). Affected drainage area = 26 acres.
- Sta. 458+22 – At upper end of Brier Creek, construct a 54” culvert pipe 458’ in length with 15’ of inlet and 10’ of outlet channel improvements. The impact to existing waters is 333’ (0.048 acres) to a perennial stream (Brier Creek). Affected drainage area = 140 acres. (See Exhibit D)
- Sta. 467+72 - Construct 36” culvert pipe 239’ in length with 12’ of inlet and 24’ of outlet ditches. The total impact to existing waters is 610’ (0.028 acres) to three ephemeral streams (unnamed tributaries of Brier Creek). The tributaries flow into Brier Creek (covered in channel change section) in this vicinity. Affected drainage area = 34 acres.
- Left Sta. 479+89 (Brier Creek Road @ Sta. 47+34) – At Brier Creek and connector to Brier Creek Road, construct an 8’ x 4” box culvert 209’ in length. The impact to existing waters is 305’ (0.070 acres) to a perennial (blue-line) stream. Affected drainage area = 376 acres. (See Exhibit E)
- Sta. 480+96 - Construct a 30” culvert pipe 204’ in length with 55’ of inlet and 160’ of outlet ditches. The impact to existing waters is 520’ (0.012 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 17 acres.
- Sta. 500+65 - Construct a 24” culvert pipe 144’ in length with 40’ of inlet and 30’ of outlet ditches. The impact to existing waters is 215’ (0.005 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 5 acres.
- Sta. 506+22 – At Deadening Hollow, construct a 9’ x 5’ box culvert 138’ in length with 22’ of inlet and 17’ of outlet channelization. The impact to existing waters is 245’ (0.056 acres) to a perennial stream. The drainage area at this site = 540 acres.
- Sta. 514+03 - Construct 24” culvert pipe 168’ in length with 28’ of inlet and 30’ of outlet ditches. The impact to existing waters is 292’ (0.018 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 11 acres.

- Sta. 518+42 – Construct a 30” culvert pipe 135’ with 55’ of inlet and 40’ of outlet ditches. Remove 50 ‘ of 12-inch culvert. The impact to existing waters is 245’ (0.024 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 16 acres.
- Sta. 526+43 – Construct a 42” culvert pipe 156’ in length with 44’ of inlet and 50’ of outlet ditches. The impact to existing waters is 280’ (0.013 acres) to an intermittent stream (unnamed tributary of Brier Creek). Affected drainage area = 37 acres.
- Sta. 530+46 – Construct a 30” culvert pipe 155’ in length with 65’ of inlet and 37’ of outlet ditches. The impact to existing waters is 275’ (0.013 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 18 acres.
- Sta. 537+18 – Construct a 54” culvert pipe 131’ in length with 30’ of inlet and 65’ of outlet ditches. Remove existing 15” culvert pipes. The impact to existing waters is 222’ (0.025 acres) to an intermittent stream (unnamed tributary of Brier Creek). Affected drainage area = 81 acres.
- Sta. 544+10 – At Brier Creek, construct a double 8’ x 7’ box culvert 59’ in length with 20’ of inlet and 40’ outlet channelization. The new channel will be lined with quarried rock. The impact to existing waters is 160’ (0.055 acres) to a perennial stream. Affected drainage area = 1,452 acres. (See Exhibit F)
- Sta. 551+70 – Construct a 36” culvert pipe 108’ in length with 55’ of inlet and 55’ of outlet ditches. The impact to existing waters is 165’ (0.015 acres) to an intermittent stream (unnamed tributary of Brier Creek) and 0.28 acres of open waters (pond). Affected drainage area = 21 acres.
- Sta. 558+33 – Construct a 30” culvert pipe 97’ in length with 2’ of inlet and 30’ of outlet ditches. Remove 85 ‘ of existing 24” culvert pipes. The impact to existing waters is 135’ (0.009 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 12 acres.
- Sta. 564+89 – Construct a 24” culvert pipe 114’ in length with 40’ inlet and 30’ of outlet ditches. The impact to existing waters is 188’ (0.009 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 15 acres.
- Sta. 577+42 – At Stanford Hollow, construct a 10’ x 5’ box culvert 137’ in length with 24’ of inlet and 40’ of outlet channelization. The new channel will be lined with quarried rock. The impact to existing waters is 248’ (0.034 acres) to a perennial stream. Affected drainage area = 551 acres.
- Sta. 591+45 – Construct a 42” culvert pipe 142’ in length with 7’ of inlet and 43’ of outlet ditches. The impact to existing waters is 205’ (0.028 acres) to an intermittent stream (unnamed tributary of Brier Creek). Affected drainage area = 52 acres.
- Sta. 595+42 – Construct a 48” culvert pipe 130’ in length with 14’ of inlet and 30’ of outlet channelization. Remove existing cross drain. The new channel will be lined with quarried rock. The impact to existing waters is 180’ (0.017 acres) to an intermittent stream (unnamed tributary of Brier Creek). The drainage area at this site is 54 acres.
- Sta. 599+70 - Construct a 24” culvert pipe 119’ in length with 8’ of inlet and 30’ of outlet ditches. The impact to existing waters is 117’ (0.011 acres) to an ephemeral stream (unnamed tributary of Brier Creek) and 0.09 acre of open waters (pond). Affected drainage area = 10 acres.
- Sta. 610+61 – At Mt. Morgan Hollow, construct a 6’ x 6’ box culvert 103’ in length with 22’ of inlet and 30’ of outlet channelization. The new channel will be lined with quarried rock. The impact to existing waters is 193’ (0.026 acres) to a perennial stream. The drainage area at this site is 441 acres.
- Sta. 620+87 – At Brier Creek, Construct a double 12’ x 8’ box culvert 176’ with 80’ of inlet and 40’ of outlet channelization. The new channel will be lined with quarried rock. The impact to existing waters is 320’

(0.147 acres) to a perennial stream. The drainage area at this site is 4.7 square miles. (See Exhibit G)

- Sta. 639+53 – Construct an 18” culvert pipe 108’ in length with 12’ of outlet channelization. Remove 50 ‘ of existing 24” culvert pipe. The impact to existing waters is 123’ (0.008 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 23 acres.

- Sta. 646+30 – Construct a 36” culvert pipe 116’ in length with 18’ of outlet channelization. Remove 50 ‘ of existing 18” culvert pipe. The impact to existing waters is 55’ (0.003 acres) to an intermittent stream (unnamed tributary of Brier Creek). Affected drainage area = 50 acres.

- Sta. 649+25 – Construct an 18” culvert pipe 88’ in length. Remove 60 ‘ of existing 24” culvert pipe. The impact to existing waters is 27’ (0.001 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 14 acres.

- Sta. 656+25 – At Hurricane Hollow, construct an 8’ x 8’ box culvert extension 30’ in length with 26’ of outlet channelization. The new channel will be lined with quarried rock. The impact to existing waters is 89’ (0.026 acres) to a perennial stream. The drainage area at this site is 769 acres.

b. Channel Change Impacts

- Left Sta. 379+19 to Sta. 380+80 – Along Jellico Creek, construct a 3’ surface ditch 145’ in length. The new ditch will be lined with quarried rock. The impact to existing waters is 163’ (0.045 acres) to a perennial stream (Jellico Creek). Affected drainage area = 529 acres.

- Left Sta. 400+01 to Sta. 429+73 – Construct 2,925 ‘ of restored stream channel based on natural channel design techniques. The impact to existing waters is 2,470’ (0.90 acres) to a perennial stream (Jellico Creek) and 1.22 acres of open water/wetland. Affected drainage area = 364 acres.

- Sta. 460+00 to Sta. 474+00 – Brier Creek flows into the impact area at several locations within this reach. Construct 1,353 ‘ of restored stream channel based on natural channel design techniques. The impact to existing waters is 965’ (0.089) to a perennial stream. The drainage area is 345 acres.

- Sta. 467+30 to 468+15 – This impact was incorporated into the natural channel design identified in the previous item. The total impact to existing waters is 150’ (0.049 acres) to an ephemeral stream (unnamed tributaries of Brier Creek). Affected drainage area = 10 acres.

- Left Sta. 493+93 to Sta. 494+68 – Along Brier Creek, construct 6’ surface ditch 80’ in length and roadway embankment fill. The impact to existing waters is 120’ (0.033 acres) to a perennial stream. Affected drainage area = 480 acres. (See Exhibits H-L)

c. Roadway Embankment Impacts

- Sta. 372+55 to Sta. 380+92 – Construct roadway embankment fill. Remove existing 24” culvert pipe. The impact to existing waters is 1,217’ (0.33 acres) to an intermittent stream (unnamed tributary of Paint Creek). Affected drainage area = 50 acres. (See Exhibit M)

- Right Sta. 375+75 to 376+17 – Construct roadway embankment fill and ditching. Remove existing 24” culvert pipe. The impact to existing waters is 127’ (0.012 acres) to an ephemeral stream (unnamed tributary of Jellico Creek). Affected drainage area = 25 acres.

- Right Sta. 404+68 to 406+94 - Construct roadway embankment fill. The impact to existing waters is 370’ (0.043 acres) to an intermittent unnamed Jellico Creek tributary. Affected drainage area = 55 acres.

- Sta. 409+58 to 411+73 – Construct roadway embankment fill. The impact to existing waters is 470’ (0.043 acres) to an intermittent stream (unnamed tributary of Jellico Creek). Affected drainage area = 47 acres.

- Right Sta. 418+50 to Sta. 420+45 – Construct roadway embankment fill and 3’ surface ditch. The impact

to existing waters is 95' (0.007 acres) to an ephemeral stream (unnamed tributary of Jellico Creek). Affected drainage area = 30 acres.

- Left Sta. 474+93 to 475+02 – Construct roadway embankment fill. The impact to existing waters is 49' (0.002 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 4 acres.

- Sta. 490+57 to 491+94 – Construct roadway embankment fill. The impact to existing waters is 285' (0.006 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 6 acres.

- Sta. 492+71 to 492+80 – Construct roadway embankment fill. The impact to existing waters is 305' (0.007 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 9 acres.

- Sta. 586+93 to 591+00 – Construct roadway embankment fill and reroute drainage to a 42-inch culvert. Construct a 24" culvert 47' in length with 480' of 2' surface ditching and 30' of channelization. Remove 2-entrance pipes. The impact to existing waters is 530' (0.049 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 44 acres.

- Sta. 618+10 to 619+23 – Construct roadway embankment fill and 142' of 2' and 255' of 3' ditches. The impact to existing waters is 213' (0.010 acres) to an intermittent stream (unnamed tributary of Brier Creek). Affected drainage area = 46 acres.

- Right Sta. 660+15 to 662+51 – Construct roadway embankment fill. The impact to existing waters is 250' (0.011 acres) to an ephemeral stream (unnamed tributary of Brier Creek). Affected drainage area = 1 acre.

d. Excess Fill Area Impacts

- Sta. 442+00 to Sta. 457+00 – Construct excess fill area approximately 25 acres. Fill intermittent streams and ephemeral tributaries, construct 3' special ditch, and 4' and 6' surface ditches. The impact to existing waters is 2,883' of intermittent stream and 1,472' of ephemeral tributaries (headwaters of Brier Creek) (0.43 acres). Affected drainage area = 139 acres. (See Exhibits N-O)

Note: The above impact lengths assume that the entire excess fill area is utilized during construction. Depending on construction issues and property owner coordination, actual impacts may be less than indicated. Effort will be made to restore streams in excess fill areas following construction.

e. Wetland Impacts. A wetland located between stations 415+10 to 420+00 would be impacted by construction activities. The total impact would be 1.56 acres.

f. Impact Mitigation. Mitigation for stream impacts will include the on-site restoration of East Jellico Creek (1,541'), West Fork Jellico Creek (2,925'), and Brier Creek (1,353') using natural channel design techniques. In addition, a riparian zone will be established at each of the natural channel design sites as well as five other locations along the proposed roadway alignment (see table below and Exhibits P-S). Mitigation for 1.56 acres of wetland impacts will be deducted from the existing Wayne County wetland bank at a 2:1 ratio = 3.12 acres.

Beginning Baseline Stationing	Ending Baseline Stationing	Offset	Channel Type	Length of Riparian Zone (ft)
349+90	353+15	Lt	2' & 4' F.B.-Rock Lined	325
372+00	384+80	Rt	2',4',6' F.B.-Rock Lined	1280

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490+50	492+90	Rt	3' F.B.-Rock Lined	245
492+90	494+70	Rt	2' F.B.-Rock Lined	250
618+10	621+80	Lt	2' F.B.-Rock Lined	400
Total				2500

Other stream mitigation measures determined necessary would be accomplished through an “in-lieu-fee” payment to the Kentucky Department of Fish and Wildlife Resources for the estimated sum of \$1,799,298. Costs were determined using the In-Lieu Fee Compensatory Mitigation Calculator spreadsheet, which determines costs based on in-lieu fee ratios, ecological integrity index, and stream length. Below is a summary of in-lieu-fee costs due to direct roadway and excess fill area impacts to ephemeral, intermittent, and perennial streams. The table also includes requested cost reductions related to on-site mitigation.

Direct Roadway Impacts and Mitigation (Excluding Excess Fill Areas)				
Stream Type	Impact (ft)	Credit (ft)	In-Lieu (\$)	Streams
Ephemeral	5,235		\$ 513,594	23
Intermittent	3,377		667,158	10
Perennial	6,786		1,824,702	14
Ephemeral - Mitigation		2,500	-285,000	5
Intermittent - Mitigation		4,466	-1,018,248	2
Perennial - Mitigation		1,353	-454,608	1
Sub-Total	15,398	8,319	\$1,247,598	55

Excess Fill Area Impacts				
Stream Type	Impact (ft)	Credit (ft)	In-Lieu (\$)	Streams
Ephemeral	1,472	0	\$153,846	6
Intermittent	2,883	0	397,854	4
Perennial	0	0	0	0
Sub-Total	4,355	0	\$551,700	10

Representative plans of the proposal are attached to this notice (Exhibits B-S). To arrange viewing a complete set of permit drawings/sketches, please contact J. Ruben Hernandez, Corps of Engineers, at (615) 369-7519. In addition, a complete set of permit drawings/sketches is available for review at KYTC's Somerset District office located at 1660 South Highway 27, Somerset, Kentucky. To arrange viewing the documents at KYTC's Somerset office, please call Ms. Cathi Blair at (606) 677-4014.

The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. In addition, the evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the CWA (40 CFR Part 230). A permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers (Corps) is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement pursuant to the National Environ-

mental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. KYTC and the Federal Highway Administration have prepared a Findings of No Significant Impact (FONSI) and an EA for the entire 20.1-mile KY-92 corridor from US-27 to I-75, in McCreary and Whitley counties. The Corps will prepare an EA for the 6.37-mile segment of KY-92 before a final decision concerning issuance or denial of the requested DA Permit.

By letter dated March 24, 1998, the Kentucky Heritage Council (KHC) indicated that Project 8-261.01 (entire 20.1-mile segment from US-27 to I-75) would have no effect upon any National Register of Historic Places (NRHP) listed or eligible historic property. In addition, on November 24, 1998, KHC concurred that archaeological site 15Wh170 would not be NRHP eligible. This review constitutes the full extent of cultural resources investigations unless comment to this notice is received documenting that significant sites or properties exist which may be affected by this work, or that adequately documents that a potential exists for the location of significant sites or properties within the permit area. Copies of this notice are being sent to the office of the State Historic Preservation Officer.

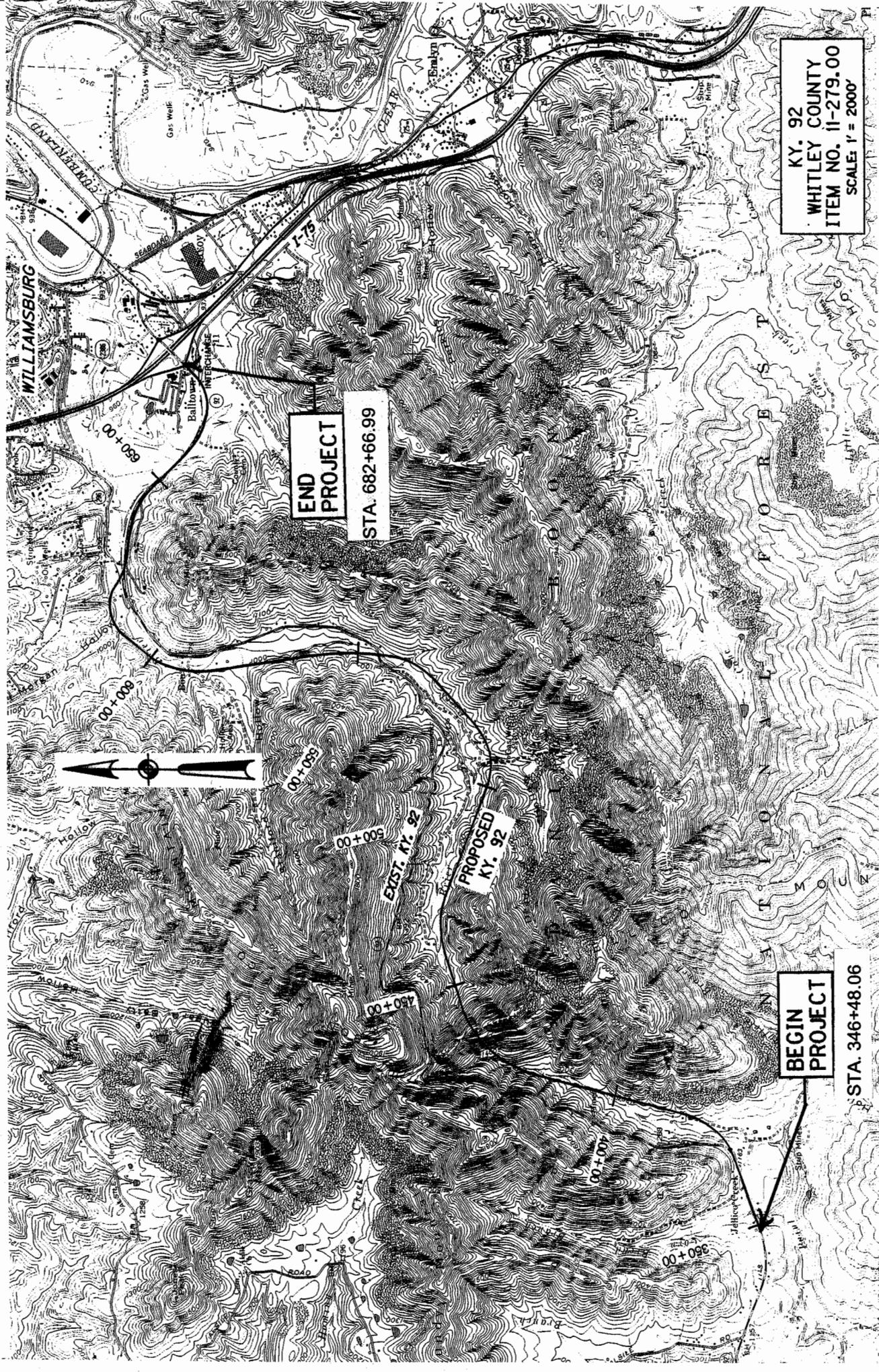
The U.S. Fish and Wildlife Service's (USFWS), Cookeville Tennessee Field Office (CFO) has reviewed a biological assessment (BA) prepared by KYTC for the Indiana bat, eastern cougar, blackside dace, Cumberland elktoe, American chaffseed, and Cumberland sandwort. In a letter dated October 4, 2002, CFO indicated that they concur with the BA's conclusion that the proposal would not likely adversely affect the mentioned species. The Corps agrees with the BA conclusion, but will continue informal consultation with the USFWS to determine if new information exists that could affect our finding.

Other federal, state, and/or local approvals required for the proposed work are as follows:

- Water quality certification from the Commonwealth of Kentucky in accordance with Section 401(a)(1) of the Clean Water Act.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

Written statements received in this office on or before September 4, 2004, will become a part of the record and will be considered in the determination. Any response to this notice should be directed to the Regulatory Branch, Attention: J. Ruben Hernandez, at the above address, telephone (615) 369-7519. Please send your comments relative to the §401 Water Quality Certification to Mr. John Dovak, Division of Water, Water Quality Branch, 14 Reilly Road, Frankfort, KY 40601, telephone (502) 564-3410.



KY. 92
WHITLEY COUNTY
ITEM NO. 11-279.00
SCALE: 1" = 2000'

END
PROJECT

STA. 682+66.99

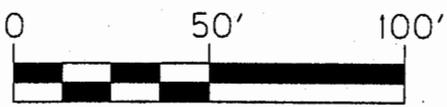


PROPOSED
KY. 92

BEGIN
PROJECT

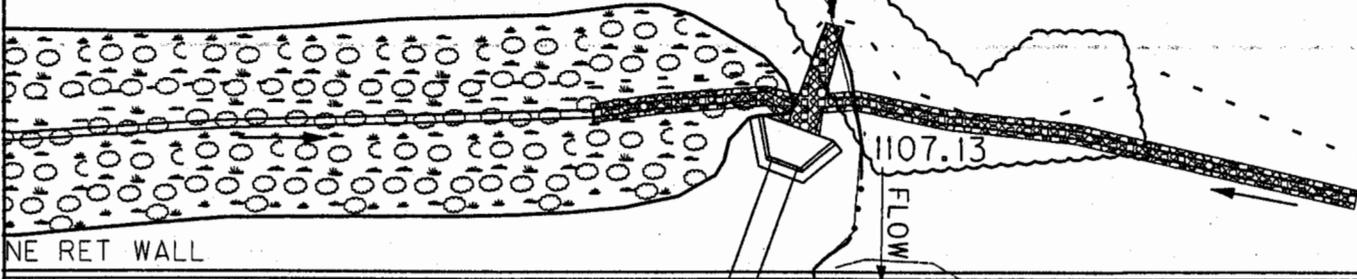
STA. 346+48.06

EXHIBIT A
FILE NO. 200401401
P.N. NO. 04-52



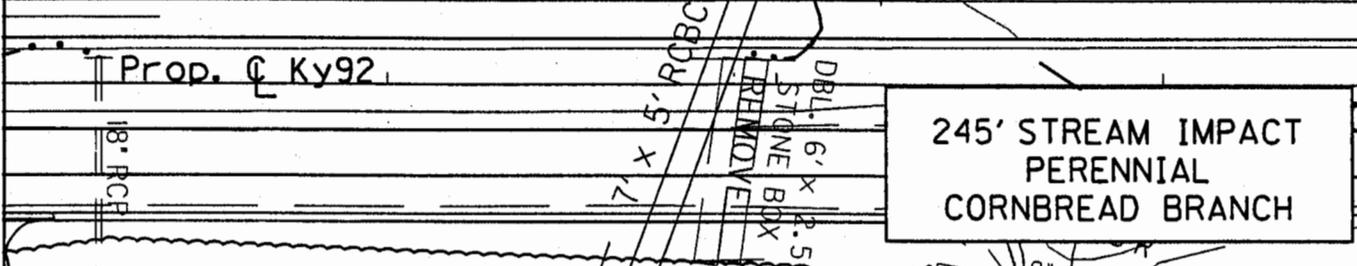
CORN BREAD BRANCH

BEGINNING OF STREAM IMPACT



Prop. C Ky92

245' STREAM IMPACT PERENNIAL CORNBREAD BRANCH

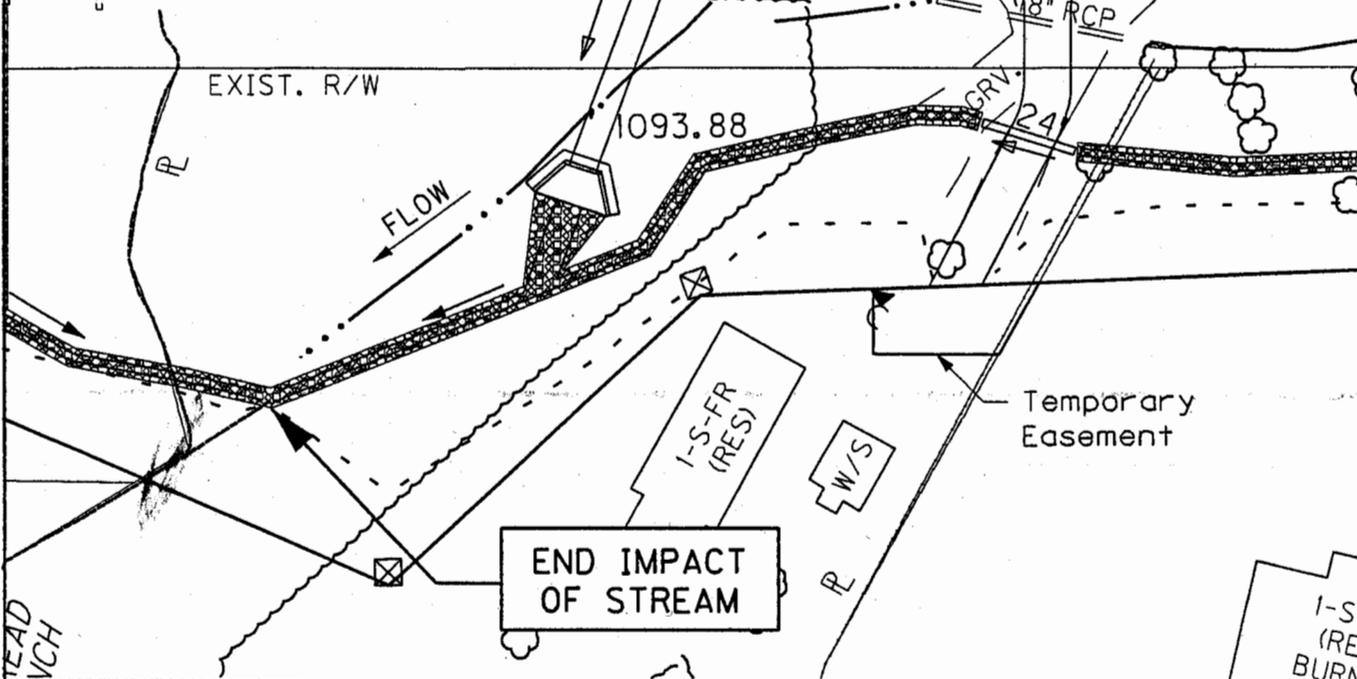


EXIST. R/W

1093.88

Temporary Easement

END IMPACT OF STREAM



~NOTES~

EXHIBIT B
FILE NO. 200401401
P.N. NO. 04-52

APPLICATION BY

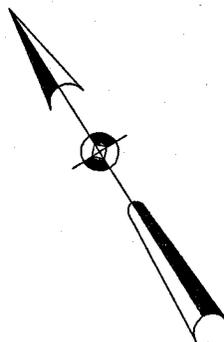
KENTUCKY
TRANSPORTATION CABINET

DEPARTMENT OF HIGHWAYS

Sta. 352+83 - 7'x5' RCBC		
PROPOSED ACTIVITIES:		
CORN BREAD BR	WILLIAMSBURG	
STREAM NAME:	AT OR NEAR:	
WHITLEY	KENTUCKY	
COUNTY OF:	STATE OF:	
-	11-279.20	2 of 60
MILE POINT:	ITEM NO.:	SHEET NO.:

DATE: 07/03

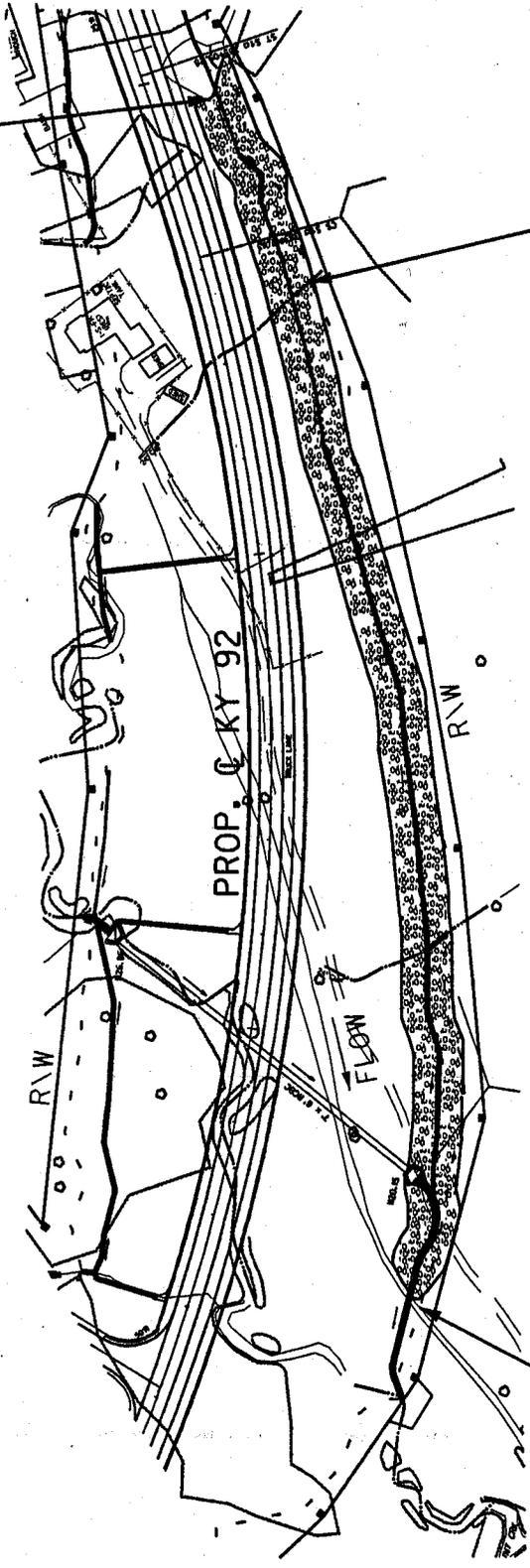
02-03
Call Library
Cell Name:



375+00

1217' OF IMPACT
EPHEMERAL
UNNAMED TRIBUTARY
PAINT CREEK

END OF
REVEGETATION
ZONE



END OF
IMPACT

REVEGETATION
ZONE - TYPE II
1280', RIGHT

BEGINNING
OF IMPACT AND
REVEGETATION
ZONE

~NOTES~

EXHIBIT M
FILE NO. 200401401
P.N. NO. 04-52

APPLICATION BY

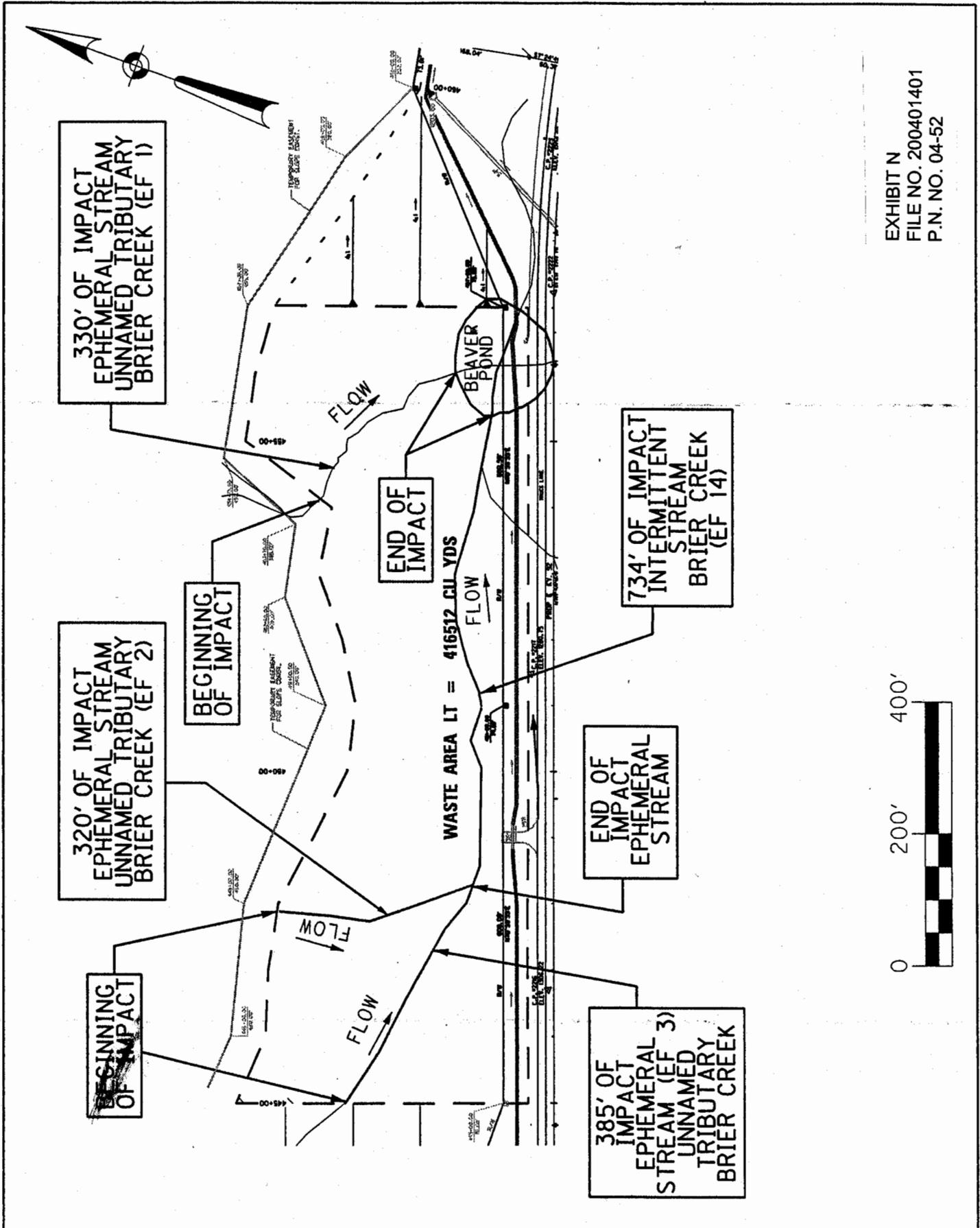
KENTUCKY
TRANSPORTATION CABINET

DEPARTMENT OF HIGHWAYS

Sta. 372+55 - Sta. 380+92

PROPOSED ACTIVITIES:	
UT PAINT CREEK	WILLIAMSBURG
STREAM NAME:	AT OR NEAR:
WHITLEY	KENTUCKY
COUNTY OF:	STATE OF:
-	11-279.20
MILE POINT:	ITEM NO.:
	SHEET NO.: 1 of 11

02-03
Cell Library
Cell Name:



~NOTES~

STATIONS
 442+00 TO 457+00

APPLICATION BY
 KENTUCKY
 TRANSPORTATION CABINET
 DEPARTMENT OF HIGHWAYS

EXCESS FILL AREA, LEFT

PROPOSED ACTIVITIES:	
UT BRIER CREEK	WILLIAMSBURG
STREAM NAME:	AT OR NEAR:
WHITLEY	KENTUCKY
COUNTY OF:	STATE OF:
-	11-279.20
MILE POINT:	ITEM NO.:
	SHEET NO.:

1 of 2

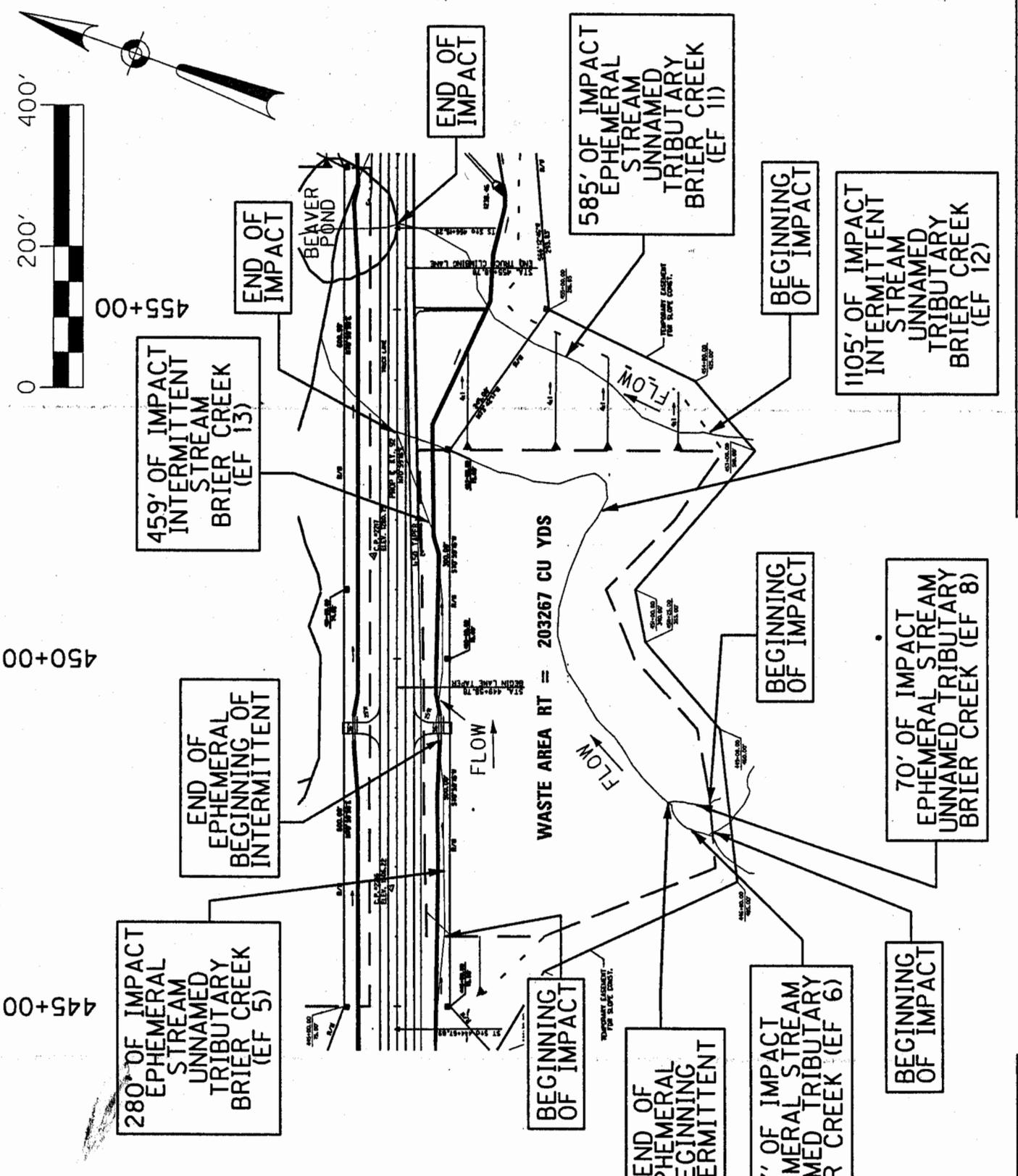


EXHIBIT O
 FILE NO. 200401401
 P.N. NO. 04-52

~NOTES~

 STATIONS
 442+00 TO 457+00

APPLICATION BY

 KENTUCKY
 TRANSPORTATION CABINET

 DEPARTMENT OF HIGHWAYS

EXCESS FILL AREA, RIGHT		
PROPOSED ACTIVITIES:		
UT BRIER CREEK	WILLIAMSBURG	
STREAM NAME:	AT OR NEAR:	
WHITLEY	KENTUCKY	
COUNTY OF:	STATE OF:	
-	11-279.20	2 of 2
MILE POINT:	ITEM NO.:	SHEET NO.:

02-03
 Civil Library
 Call Number: