SECTION 37-1B-1 INCLUDES:
TWO (2) PARALLEL PRECAST, PRESTRESSED I-BEAM STRUCTURES (CARRYING F.A.I. 80 OVER THE GREEN RIVER) ON R.C. PIERS AND R.C. OPEN ABUTMENTS, SPANS 69'-6" —69'-6"—69'-6" AT STATION 416+78.30. IN ADDITION IT INCLUDES A 54" PIPE CULVERT AT STATION 408+85 AND A 48" PIPE CULVERT AT STATION 410+37.

STATE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	37-1B-1	HENRY	37	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO 4
SHEETS

B.M. 2.R. SPIKE, IN TRUNK OF 12" BIRCH 130' LT. OF STA. 399+70 ELEV. 589.48

INSTALL PIPE CULVERT 54" X 328' TYPE 2A (RCP III) 13° SKEW (RHF) LT. & RT. STA. 408+85

INSTALL PIPE CULVERT 48" X 234' TYPE 2A (RCP III) 11°-30' SKEW(RHF) LT. & RT. STA. 410 + 37
EST. 2600 CU. YDS. FOR BERM INCLUDED BELOW

B.M. P.K. NAIL IN 30" ELM 150' RT. OF STA. 410+00 S. BANK OF ILLINOIS & MISSISSIPPI CANAL ELEV. 578.45

OPEN 5' WIDE CHANNEL TO PIPE EST. 25 CU. YDS. (INCLUDED IN TOTAL BELOW)

B.M. P.K. NAIL IN TRUNK OF BENCHED 24" ELM 166' RT. OF STA. 421+00 ELEV. 575+37

U.S.G.S. DATUM
5th G.A. 1929

PROJECT IG-80-1(52)7
BEGIN STA. 415+72.38

PROJECT IG-80-1(52)7
ENDS STA. 417+84.21

DONALD E & MILDRED OBERLAENDER

LOUIS S & AGNES ROKIS

PAUL LIND, JR

LEWIS AND VICTORIA SCHUH

VERL & YOLANDA CARTER

COLONA CEMENT BLOCK & TILE CO

ILLINOIS MISSISSIPPI

HENRY VAN HERZEELE

OSCAR W. ELLIS

GREEN RIVER

FILL WITH CHANNEL EXCAVATION

FLOW

℄ CHANNEL CHANGE

℄ F.A.I. 80

STA. 416+76.56 - F.A.I. 80 = STA. 50+00 CHANNEL CHANGE

std. 2153-2

R.O.W.

12' BERM

HEAVY BRUSH

HEAVY WOODED

LIGHT WOODED BRUSH

SWAMP

SWAMP MEDIUM WOODED

MEDIUM WOODED

C.R.I. & P. R.R.

P.O.T. STA. 403+14.67

P.O.T. STA. 411+85.08

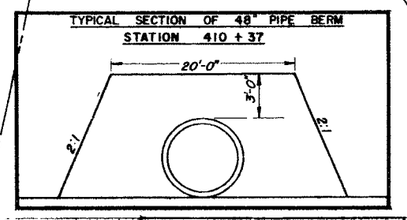
STA. 411+75

TEMPORARY EASEMENT LINE

36" PIPE REMOVAL BY CONTRACTOR TO BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE PER CU. YD. OF CHANNEL EXCAVATION.

DIKE TO BE REMOVED EST. CHANNEL EXC. 580 CU. YDS. (INCLUDED BELOW)

TYPICAL SECTION OF 48" PIPE BERM
STATION 410 + 37



REMOVAL OF WET MATERIAL FROM EXISTING CANAL AND OLD GREEN RIVER CHANNEL IS ESTIMATED AT 3,000 CU. YDS. AND IS INCLUDED IN CHANNEL EXC. BELOW. THE QUANTITY OF WET MATERIAL TO BE REMOVED SHALL BE AS DIRECTED BY THE ENGINEER.

TREE REMOVAL OVER 15" DIA.		
LT. STA.	407 35	32"
LT. STA.	407+35	36"
LT. STA.	407+35	30"
LT. STA.	407+35	16"
RT. STA.	407+35	36"
RT. STA.	407+35	32"
RT. STA.	407+35	36"
LT. STA.	407+50	24"
RT. STA.	407+50	32"
RT. STA.	407+60	16"
RT. STA.	407+60	30"
LT. STA.	407+65	30"
	TOTAL	350"

TREE REMOVAL 6"-15" DIA.		
LT. STA.	407+35	8"
LT. STA.	407+35	10"
RT. STA.	407+35	12"
RT. STA.	407+65	8"
RT. STA.	407+65	10"
LT. STA.	407+65	8"
	TOTAL	56"

TREE REMOVAL ACRES			
STA.	TO	STA.	
409+31	410+38	LT. & RT.	0.9
410+38	416+76.56	LT. & RT.	9.4
416+76.56	421+00		7.6
			17.9

P. I. STA. 414+75
EL. 578.33
V.C. = 1175'
CORR. = +8.254

P.I. STA. 430+90
EL. 620.64
V.C. = 1820'
CORR. = -8.620

EARTH EXCAVATION = 1,106 CU. YD.
EMBANKMENT = 29,272 CU. YD.
BORROW = 5,891 CU. YD.
CHANNEL EXC. 3,605 CU. YD
HAUL 34,052 CU. YD. FROM RELOCATED GREEN RIVER CHANNEL.
HAUL 580 CU. YD. FROM EXISTING ILLINOIS MISSISSIPPI CANAL DIKE.
HAUL 25 CU. YD. FROM LT. STA. 410+37

EARTH EXCAVATION = NONE
EMBANKMENT = 7,859 CU. YD.
BORROW = NONE
CHANNEL EXC. = NONE
HAUL 10,217 CU. YD. FROM RELOCATED GREEN RIVER CHANNEL.

LIMIT OF WORK
STA. 406+35

LIMIT OF WORK
STA. 421+00

P.C. STA. 408+15.0

P.C. STA. 421+90

P.T. STA. 420+62.6

-3.05

+2.52%

EXISTING GROUND LINE

CROWN OF PROPOSED IMPROVEMENT (FINAL ROADWAY BY OTHERS)

+12.6

℄ CHANNEL CHANGE

+40.5

+2.0

HAUL ROAD PROFILE

LT. FL. 570.0
RT. FL. 570.0

LT. FL. 570.9
RT. FL. 570.1

BOTTOM OF RELOCATED CHANNEL
EL. 568.00

630
620
610
600
590
580
570
560

402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427

SITE PLAN
F.A.I. 80 SECTION 37-1B-1
F.A.I. 80 OVER GREEN RIVER
HENRY COUNTY
STATION 416+76.56