MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

FINAL PLANS

PLANS FOR STATE HIGHWAY

WAYNE/BUTLER COUNTY

ROUTE	STATE	DISTRICT	SHEET NO.
67	MO	10	1

JOB NO. J0P0930

CONTRACT ID 071130-X02

PROJECT NO. FAF 67-2 (30)

COUNTY WAYNE/BUTLER

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED

DESIGN DESIGNATION

SECTION B	SECTION A
A.D.T. - 2007 = 5710	A.D.T. - 2006 = 6780
A.D.T. - 2027 = 7510	A.D.T. - 2026 = 9210
D.H.V. = 7.0%	D.H.V. = 7.48%
T = 22.0%	T = 21.8%
V = 65 M.P.H.	V = 70 M.P.H.

FUNCTIONAL CLASSIFICATION = PRINCIPAL ARTERIAL

CONTROLLED ACCESS HIGHWAY

THIS SHALL BE A CONTROLLED ACCESS HIGHWAY, BETWEEN STA. 686+00.00 AND STA. 14+60.00 EXCEPT AT LOCATIONS AND AS OTHERWISE SPECIFICALLY SHOWN ON THESE PLANS, NO ABUTTER'S RIGHTS IN OR OF DIRECT ACCESS TO, FROM, OR ACROSS THE HIGHWAY OR ITS RIGHT-OF-WAY SHALL ATTACH OR BELONG TO ANY PROPERTY ABUTTING ON SAID SECTION OF HIGHWAY, OR TO ANY PERSON MERELY BECAUSE OF OWNERSHIP OF SUCH ABUTTING PROPERTY. THERE SHALL BE THE USUAL RIGHT OF ACCESS OVER ANY LOCATION SHOWN ON THESE PLANS EITHER AS (1) AN ENTRANCE OR (2) A PRIVATE UNDERPASS. WHEREVER AN ADJACENT OUTER ROADWAY OR SERVICE ROAD IS SHOWN, THERE SHALL BE THE USUAL RIGHT OF DIRECT ACCESS BETWEEN THE ABUTTING PROPERTY AND SUCH OUTER ROADWAY OR SERVICE ROAD (EXCEPT WHERE ACCESS IS SPECIFICALLY PROHIBITED BY THE SPECIAL SYMBOL DENOTING NO RIGHT OF ACCESS) AND ALONG IT TO AND FROM THE NEAREST LANE OF THE THROUGHWAY OF A PUBLIC HIGHWAY. OUTER ROADWAYS AND SERVICE ROADS, AS THE CASE MAY BE, ARE SO DESIGNATED ON THE PLANS.

- BEGINNING AND ENDING OF CONTROLLED ACCESS
- CONTROLLED ACCESS
- NO RIGHT OF ACCESS OR CROSSING OF LINES BEARING THIS SYMBOL WILL BE PERMITTED UNDER ANY CIRCUMSTANCES.

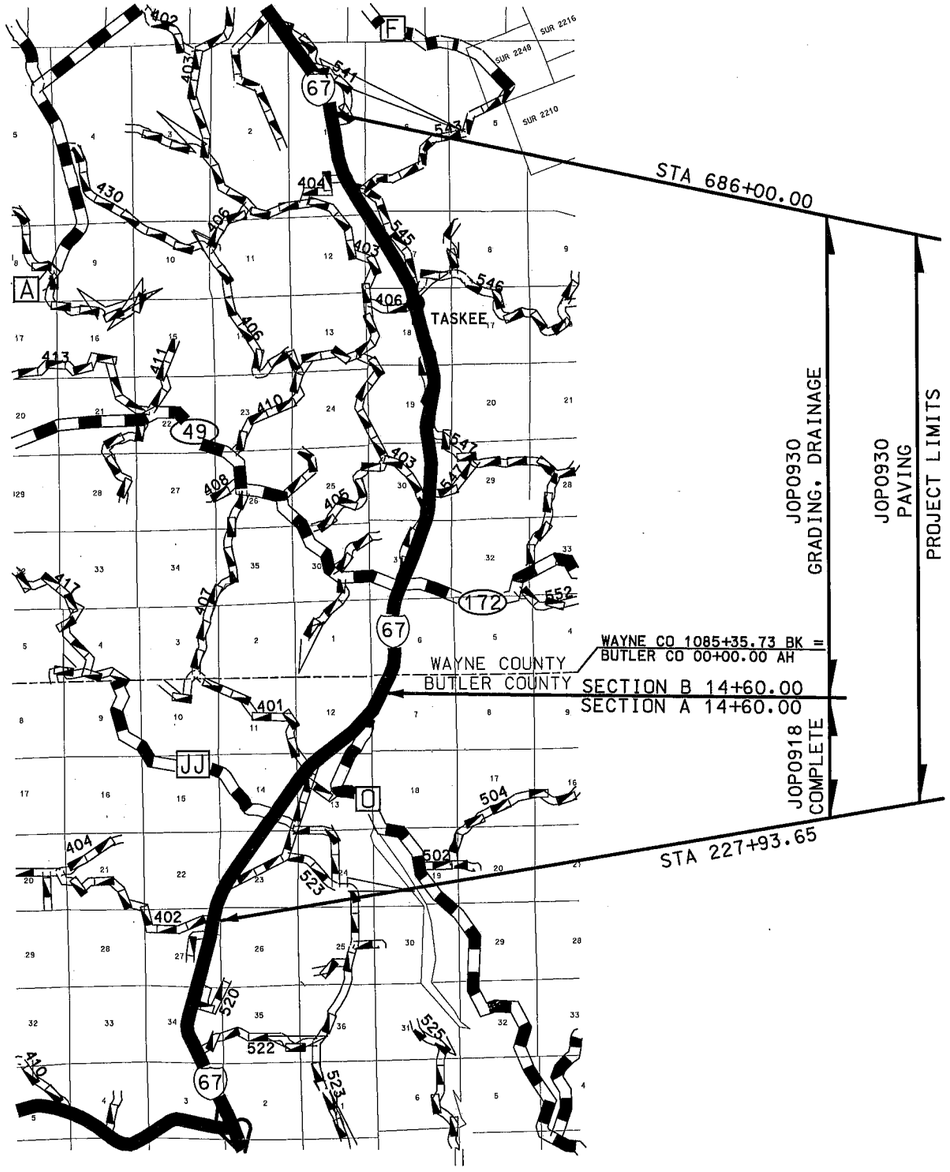
EXISTING CONTROLLED ACCESS HIGHWAY

CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD TELEPHONE	-O-	-O-
UNDERGROUND TELEPHONE	-T-	-T-
OVERHEAD POWER	-□-	-■-
UNDERGROUND POWER	-P-	-P-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	V	
WOVEN WIRE	X	
GATE POST		
BENCHMARK	BM	
[illegible]		R
THERS		(R)

HED OR OPEN SYMBOLS INDICATE
STING FEATURES



NOTE:

COORDINATE SYSTEM CHANGES AT STA 14+60.00.

THE PROJECTION FACTORS DIFFER BETWEEN SECTION A AND SECTION B.

USE THE APPROPRIATE COORDINATE SYSTEM FOR EACH SECTION.

INTERCHANGING COORDINATE SYSTEMS BETWEEN SECTIONS WILL CAUSE DISTORTION IN THE OVERALL ALIGNMENT FOR THE PROJECT.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (10 SHEETS)	2
QUANTITIES (QU) (14 SHEETS)	3
PLAN-PROFILE (PP)	4-26
RIGHT OF WAY (RW)	-
REFERENCE POINTS (RP)	27-28
COORDINATE POINTS (CP)	29
SPECIAL SHEETS (SS)	30-63
TRAFFIC CONTROL SHEETS (TC)	-
EROSION CONTROL SHEETS (EC)	-
LIGHTING (LT)	-
SIGNALS (SG)	-
SIGNING (SN)	95-123
PAVEMENT MARKING (PM)	-
CULVERT SECTIONS (CS)	124-146
BRIDGE DRAWINGS (B)	
A#####	-
A#####	-
A#####	-
A#####	-
CROSS SECTIONS (XS)	1-215

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA.	686+00.00
END OF WAYNE COUNTY	STA.	1085+35.73
BEGIN OF BUTLER COUNTY	STA.	00+00.00
END OF JOP0930/BEGIN OF JOP0918	STA.	14+60.00
END OF PROJECT	STA.	227+93.65
APPARENT LENGTH	62729.38	FEET
EQUATIONS AND EXCEPTIONS		
1085+35.73 BK = 00+00.00 AH		
18+01.90 BK = 19+02.51 AH	-100.61	
200+76.52 BK = 209+52.16 AH	-875.64	
TOTAL CORRECTIONS	-976.25	FEET
NET LENGTH OF PROJECT	61753.13	FEET
STATE LENGTH	11.696	MILES

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
67	MO	10	5

JOB NO. JOP0930

CONTRACT ID. 071130-X02

PROJECT NO. FAF 67-2 (30)

COUNTY WAYNE/BUTLER

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DATE

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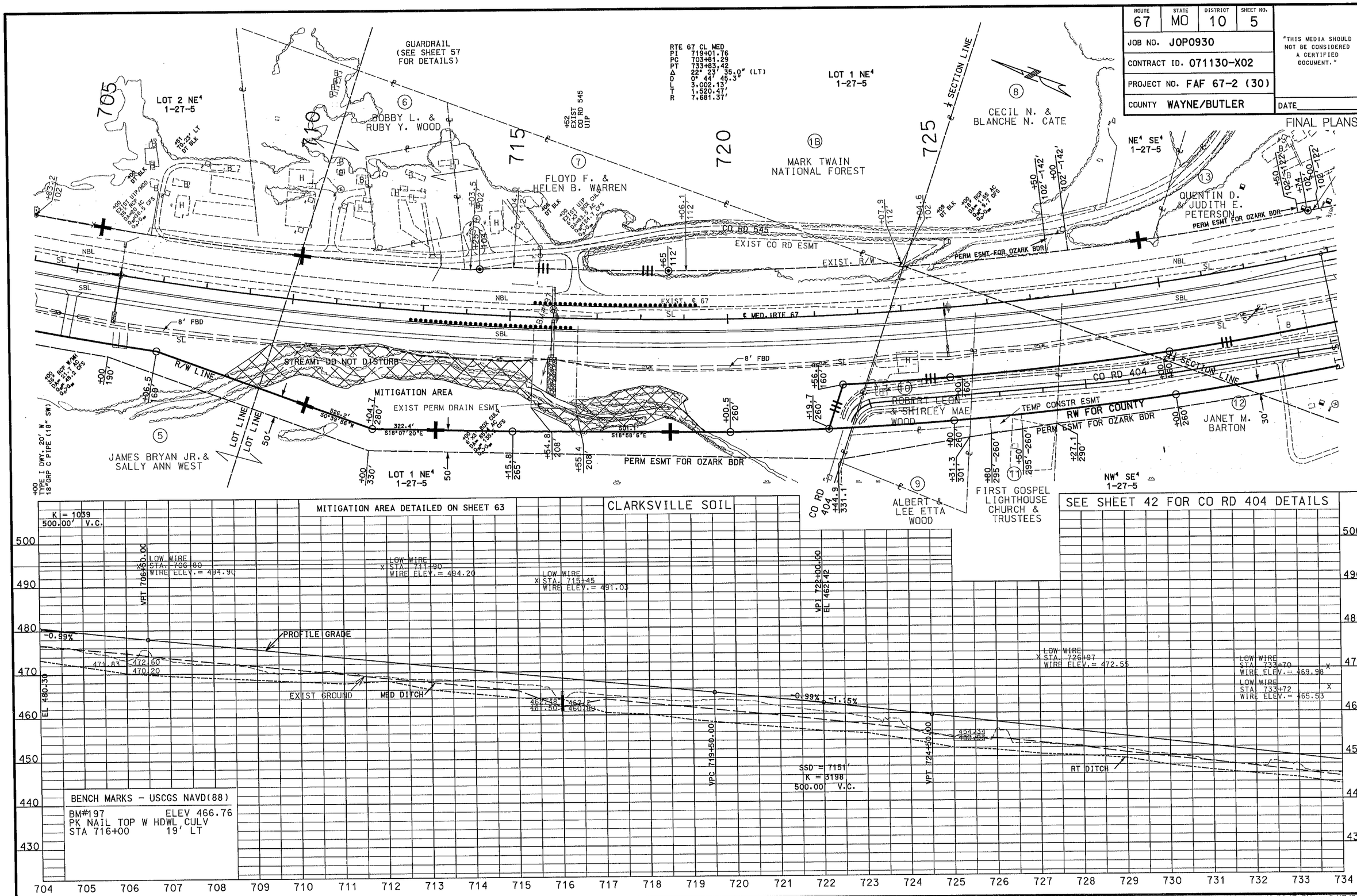

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REV.

ROUTE	STATE	DISTRICT	SHEET NO.
67	MO	10	6
JOB NO. J0P0930			
CONTRACT ID. 071130-X02			
PROJECT NO. FAF 67-2 (30)			
COUNTY WAYNE/BUTLER			

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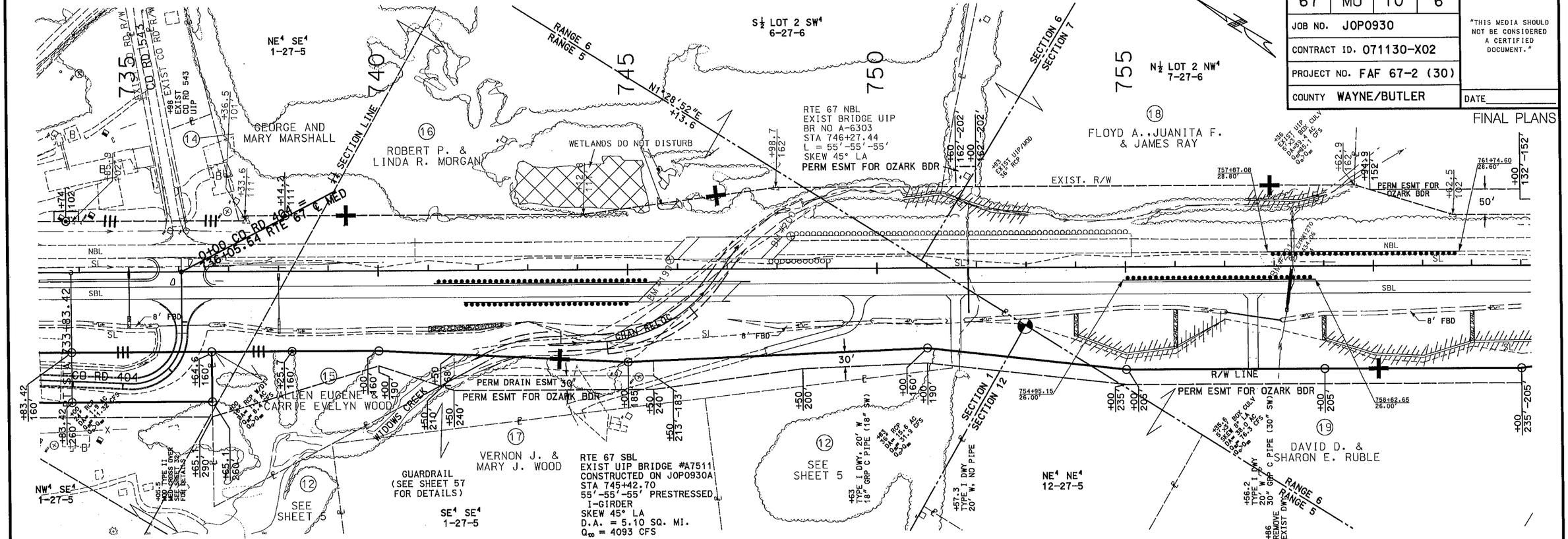

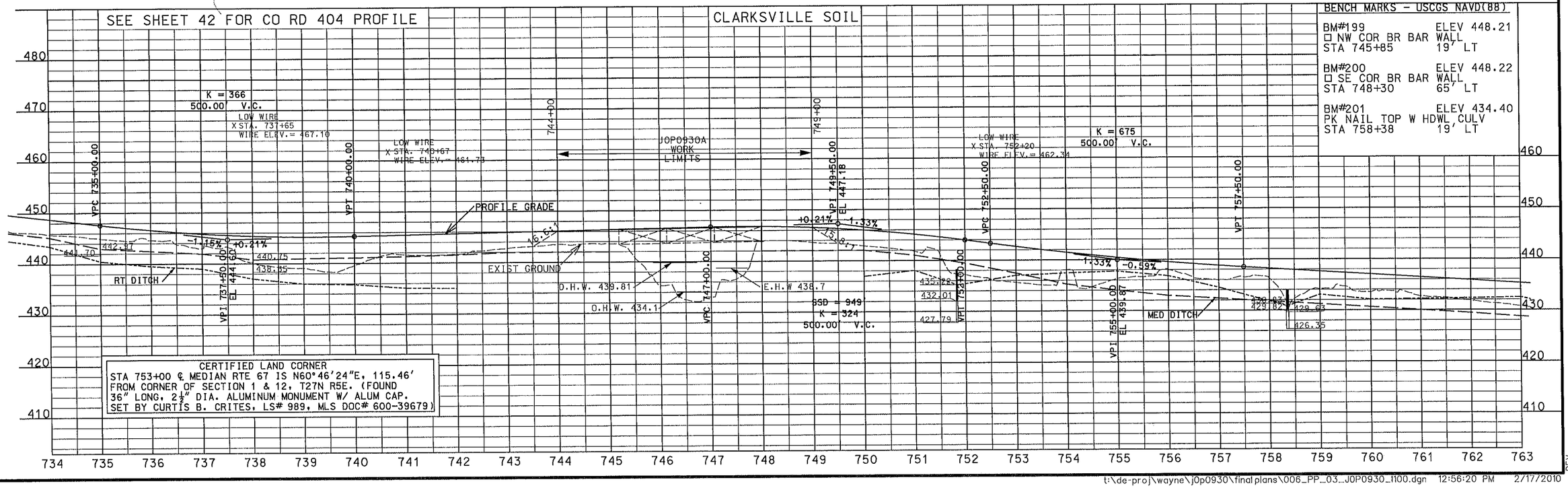

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ROUTE	STATE	DISTRICT	SHEET NO.
67	MO	10	7

JOB NO. J0P0930

CONTRACT ID. 071130-X02

PROJECT NO. FAF 67-2 (30)

COUNTY WAYNE/BUTLER

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N½ LOT 2 NW¼ 7-27-6

(20) STEVE MARLER

(22) ROBERT C. & DIANNE K. BAILEY

S½ LOT 2 NW¼ 7-27-6

(23) TERRY & RONDA GROVES

LOT 1 SW¼ 7-27-6

(19) SEE SHEET 6

(21) SOLID ROCK BAPTIST CHURCH

(25) DANNY L. & DOROTHY J. HENSLEY

N½ LOT 2 SW¼ 7-27-6

(24) DOYLE WHITEHEAD

765 770 775 780 785

LOT LINE

EXIST PERM ESMT

PERM ESMT FOR OZARK BDR

EXIST. R/W

U.I.P. 30'

EXIST. ℄ 67

℄ MED. RTE 67

NBL SBL SL

S 30° 34' 13" E

8' FBD

R/W LINE

TEMP CONSTR ESMT

REMOVE EXIST DWY

TYPE I DWY, 20' W., 18" GRP C PIPE (18" SW)

TYPE I DWY 60' W 18" GRP C PIPE (18" SW) REMOVE EXIST DWY

℄ SECTION LINE

TEMP CONSTR ESMT

TYPE I DWY 40' W., NO P

REMOVE EXIST DWYS

CLARKSVILLE SOIL

PROFILE GRADE

EXIST GROUND

RT DITCH

MED DITCH

VPC 776+00.00

VPI 780+00.00 EL 425.15

VPT 784+00.00

-0.59% -0.74%

SSD = 733.0'
K = 51.38
800.00' V.C.

BENCH MARKS – USCGS NAVD(88)

BM#202 ELEV 427.01
PK NAIL W TOP HDWL, CULV
STA 770+12 16' LT

BM#203 ELEV 422.07
PK NAIL W TOP HDWL, CULV
STA 778+79 20' LT

460 450 440 430 420 410 400 390

763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792

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ROUTE	STATE	DISTRICT	SHEET NO.
67	MO	10	8

JOB NO. J0P0930

CONTRACT ID. 071130-X02

PROJECT NO. FAF 67-2 (30)

COUNTY WAYNE/BUTLER

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DATE_____

FINAL PLANS

LOT 1 SW¼ 7-27-6

(23) SEE SHEET 7

795 800 805 810 815 820

(28) WAPPAPELLO WILDLIFE MANAGEMENT AREA

SW¼ SE¼ 7-27-6

NW¼ NE¼ 18-27-6

SECTION 7 / SECTION 18

℄ SECTION LINE

PERM ESMT FOR OZARK BDR

EXIST. R/W

EXIST. ℄ 67 NBL

℄ MED. RTE 67

SBL

NBL

SL

BM#205

8' FBD

PERM ESMT (R/W LINE)

PERM ESMT FOR OZARK BDR

EXIST CO RD ESMT

EXIST CO RD 546

+50.2 TYPE II MED CROSS OVER SEE SHEET 33 FOR DETAILS

+85.6 142' EXIST CO RD 546

+00 CO RD 406 / 815+50.2 RTE 67 ℄ MED

CO RD 406

PT STA 816+94.30

TEMP CONSTR ESMT

(27) BRENT CAMERON & KIMBERLY JO HUGHEY

(28A) WAPPAPELLO WILDLIFE MANAGEMENT AREA

LOT 1 SW¼ 7-27-6

(29) GEORGE C. JUPP JR. & JUDY PFEIFFER

(30) SEE SHEET 9

LOT 1 NW¼ 18-27-6

R/W LINE

RTE 67 CL MED
PI 805+09.90
PC 793+05.63
PT 816+94.30
Δ 18° 00' 50.0" (RT)
D 0° 45' 14.9"
L 2,388.67'
T 1,204.27'
R 7,597.51'

CLARKSVILLE SOIL

SEE SHEET 43 FOR CO RD 406 PROFILE

K = 1322
500.00' V.C.

K = 1366
500.00' V.C.

VPC 797+50.00
VPT 802+50.00
VPC 810+50.00
VPT 815+50.00
VPI 800+00.00 EL 410.26
VPI 813+00.00 EL 405.60

PROFILE GRADE

0.74% -0.37% -0.37% +0.00%

405.93 403.49 401.12 400.55 396.07 395.54 395.39 394.46

RT DITCH

EXIST GROUND

MED DITCH

440 430 420 410 400 390 380 370

792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821

CERTIFIED LAND CORNER
STA 797+00 ℄ MEDIAN RTE 67 IS N62°30'23"E, 2814.84' FROM THE CLOSING CORNER OF SECTION 7 & 18, T27N R6E.
(FOUND 3¼" U.S. ARMY CORPS OF ENGINEER MONUMENT.
SET BY DENNIS R. BARFIELD, LS# 1802, MLS DOC# 600-39679)

BENCH MARKS - USCGS NAVD(88)

BM#205 ELEV 406.81
#5 REBAR W/CAP
STA 802+00 19' LT

BM#206 ELEV 400.52
PK NAIL TOP W HDWL CULV
STA 812+45 12' LT

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
67	MO	10	9

JOB NO. JOP0930

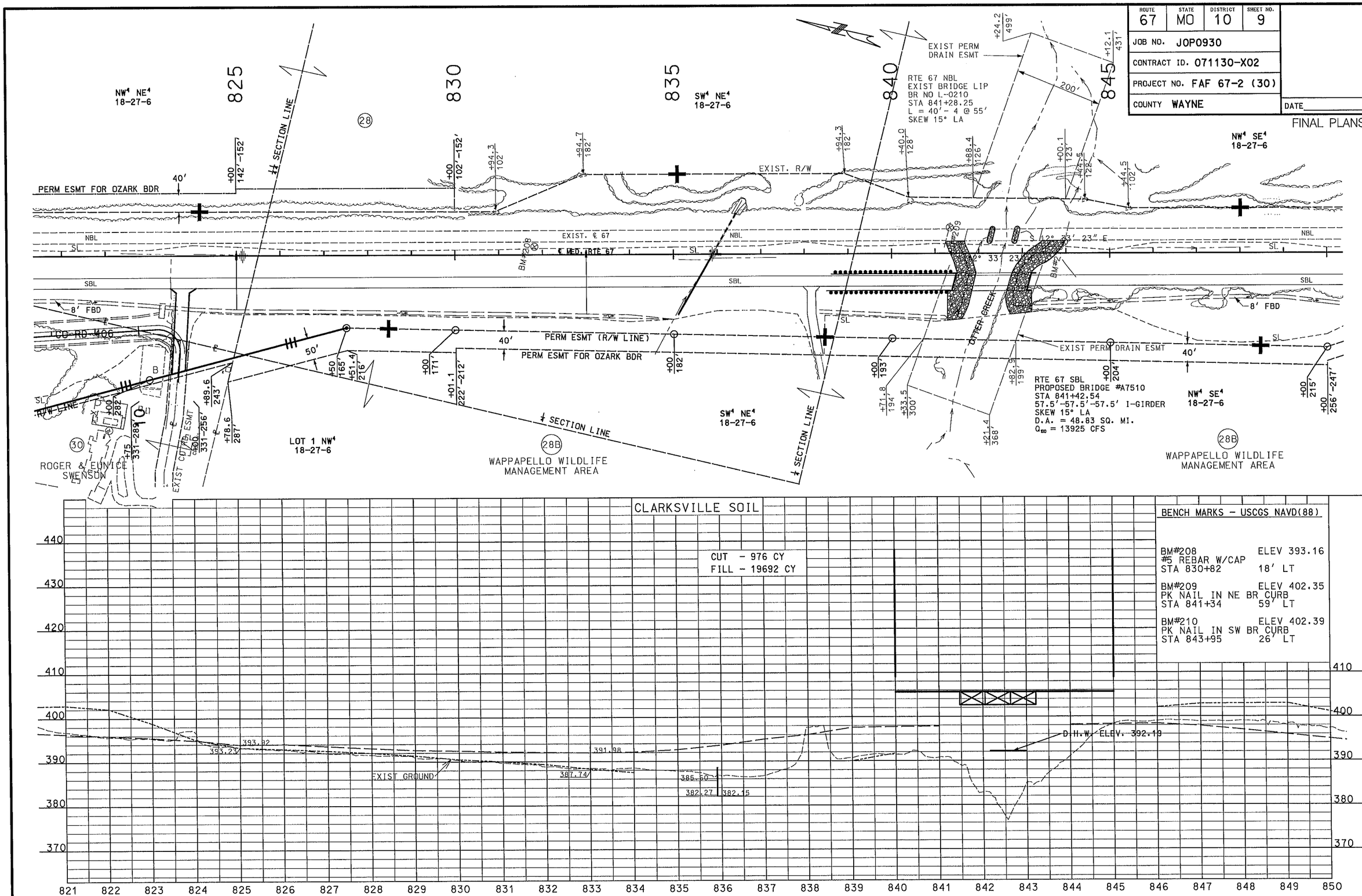
CONTRACT ID. 071130-X02

PROJECT NO. FAF 67-2 (30)

COUNTY WAYNE

DATE

FINAL PLANS



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REV.

ROUTE	STATE	DISTRICT	SHEET NO.
67	MO	10	10

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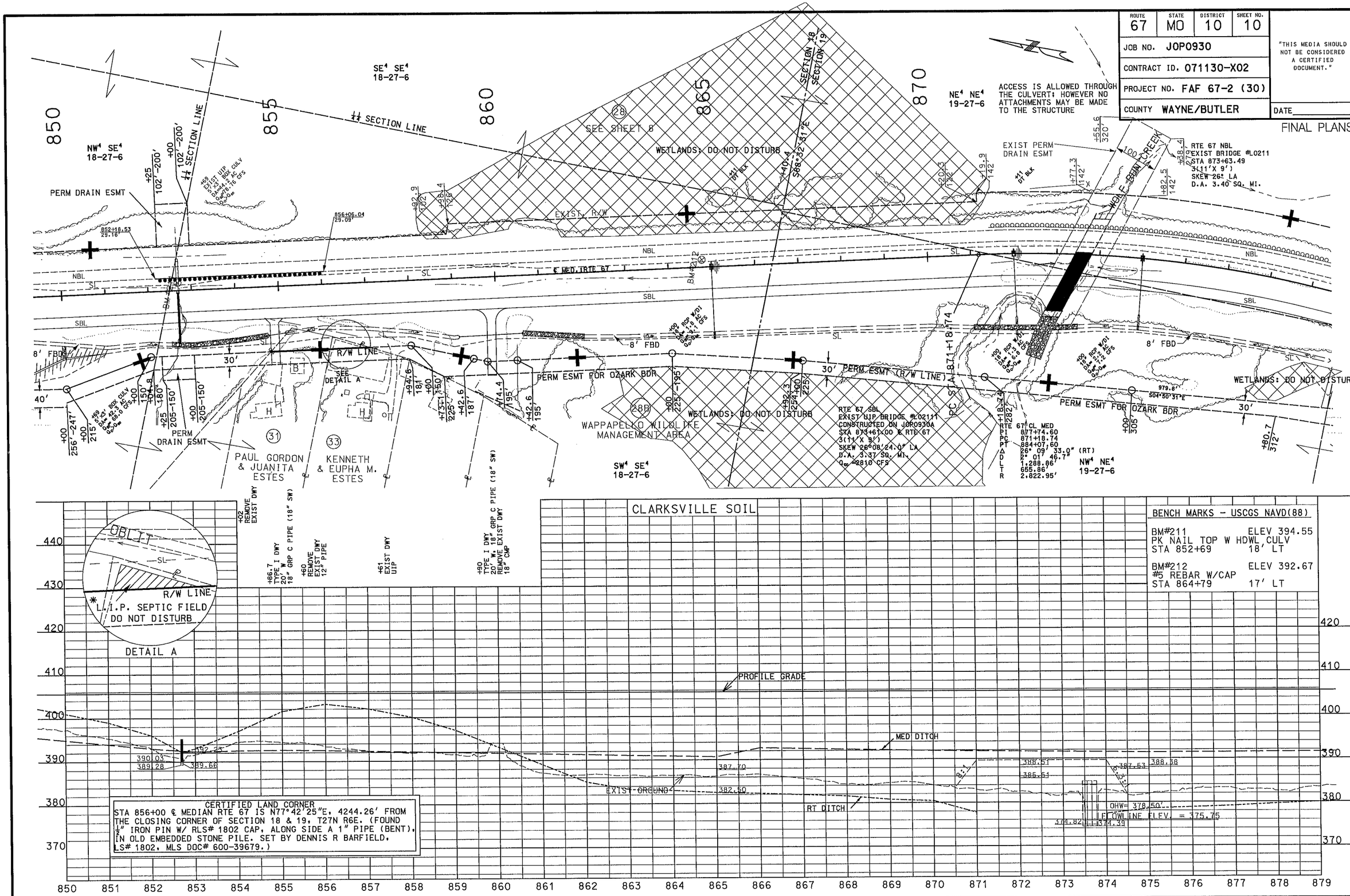

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ROUTE	STATE	DISTRICT	SHEET NO.
67	MO	10	11

JOB NO. J0P0930

CONTRACT ID.

PROJECT NO.

COUNTY WAYNE/BUTLER

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ARCHAEOLOGICAL SITES
SEE SPECIAL PROVISIONS

SE¼ NE¼ 19-27-6

NE¼ NE¼ 19-27-6

NW¼ NE¼ 19-27-6

SW¼ NE¼ 19-27-6

NW¼ SE¼ 19-27-6

SW¼ SE¼ 19-27-6

¼ SECTION LINE

PERM DRAIN ESMT

+74 EXIST DWY 16' W. U/P

+14 DT BLK

+00 142'-200'

+00 122'-200'

+25 EXIST U/P AND RCP 30"ø 44.2 CFS 0.0"ø AC

+72.0 143'

+74.9 122'

+72.4 162'

+72.5 162'

+09 DT BLK

+72.3 122'

WETLANDS: DO NOT DISTURB

EXIST. ℄ 67

℄ MED. RTE 67

EXIST. R/W

S 13° 36' 10" W

NBL

SBL

SL

U/P

8' FBD

RTE 67 NBL
EXIST BRIDGE #L0469
STA 891+65.47
2(6'X 4')
SKEW 45° RA
D.A. 0.44 SQ. MI.

28
SEE SHEET 8

CR547
PI 2+30.95
PC 0+98.64
PT 3+15.48
Δ 82° 49' 43.3" (RT)
D 38° 11' 49.9"
L 216.85'
T 132.31'
R 150.00'

+00 TYPE I DWY 15' W 24" GRP C PIPE (36" SW)

PT STA 3+15.48

+38.7 218.2

+50 122-162'

POT STA 4+65.48

+65.48 30' LT 30' RT

EXIST CO RD ESMT

ESMT FOR COUNTY TEMP CONSTR ESMT

CO RD 547 = RTE 67 ℄ MED

+00 122-162

+80.4 122

+18.0 30'

EXIST. R/W

PC STA 0+98.64

+27.7 30'

0+00 0+20 122

900+00

PERM ESMT FOR OZARK BDR

POT STA 0+00.00

PC STA 905+63.86

+11.1 182'

PERM ESMT (R/W LINE)

PERM ESMT FOR OZARK BDR

PT STA 884+07.60

+08.9 38'

+07.60 261' 315'

+00 275' 225'

+00 195'

+03.6 235'

+00 225' 275'

+80.7 312'

192.9' S22° 13' 47" W

+25 EXIST U/P 30" RCP W/D1 D0"ø 42.8 AC D0"ø 26.2 CFS 0.0"ø AC

+00 TYPE I DWY 15' W 24" GRP C PIPE (24" SW)

WETLANDS: DO NOT DISTURB

+00 EXIST U/P 150.5' RT 4'x4' BOX CULV

RTE 67 SBL
EXIST U/P BRIDGE #L04691
CONSTRUCTED ON J0P0930A
STA 892+33.60 ℄ RTE 67
2(6'X 4')
SKEW 45° RA
D.A. 0.50 SQ. MI.
Q_{50} = 526 CFS

PERM DRAINAGE ESMT

+00 270' 235'-195'

+50

DUCK CREEK HOLLOW CREEK

+23 REMOVE EXIST DWY

+00 TYPE I DWY 15' W 36" GRP C PIPE

+00 MOD TYPE II 18" RCP CROSS OVER SEE SHEET 34 FOR DETAILS

+79 9.22' RT DT BLK

+00 225' RCP 15"ø 4.6 CFS 0.0"ø AC

+01.3 225'

+00 195'

PC STA 906+33.86

+10.93 185'

+21.8 38'

125.9' S08° 36' 42" W

28B
SEE SHEET 9

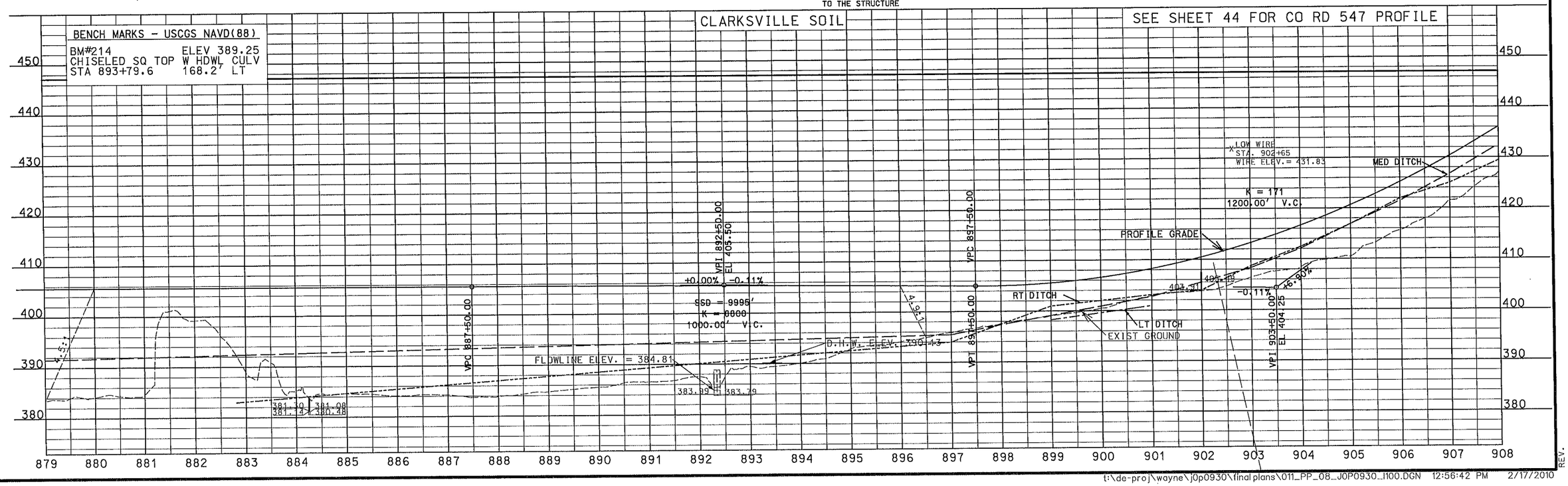
ACCESS IS ALLOWED THROUGH THE CULVERT; HOWEVER NO ATTACHMENTS MAY BE MADE TO THE STRUCTURE

BENCH MARKS - USCGS NAVD(88)

BM#214 ELEV 389.25
CHISELED SQ TOP W HDWL CULV
STA 893+79.6 168.2' LT

CLARKSVILLE SOIL

SEE SHEET 44 FOR CO RD 547 PROFILE



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REV.

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67	MO	10	13

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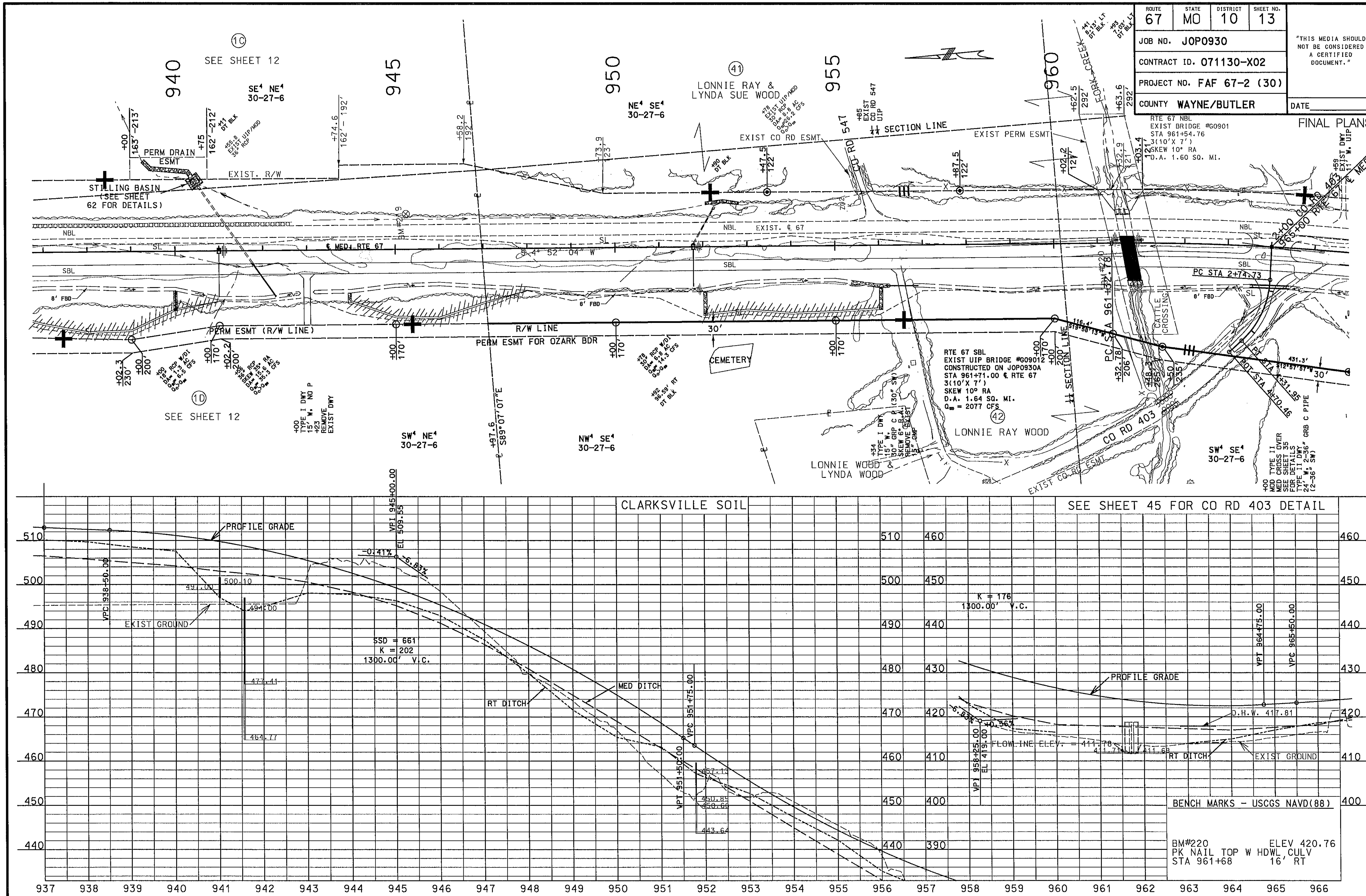

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