MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
RIGHT OF WAY PLANS FOR PROPOSED
STATE HIGHWAY
JOHNSON COUNTY

ROUTE	STATE	DISTRICT
13	MO	4

JOB NO J4P1138B&C

CONTRACT ID

PROJECT NO

COUNTY JOHNSON

DESIGN DESIGNATION

PRINCIPAL ARTERIAL

CONST. A.D.T. - 2010 = 5570 SOUTH OF RTE. 50

DESIGN A.D.T. - 2030 = 10,000 S. OF RTE. 50

D.H.V. = 15%
T = 18%
V = 60 M.P.H. (70 M.P.H. CREST V.C.)

FULLY CONTROLLED ACCESS HIGHWAY

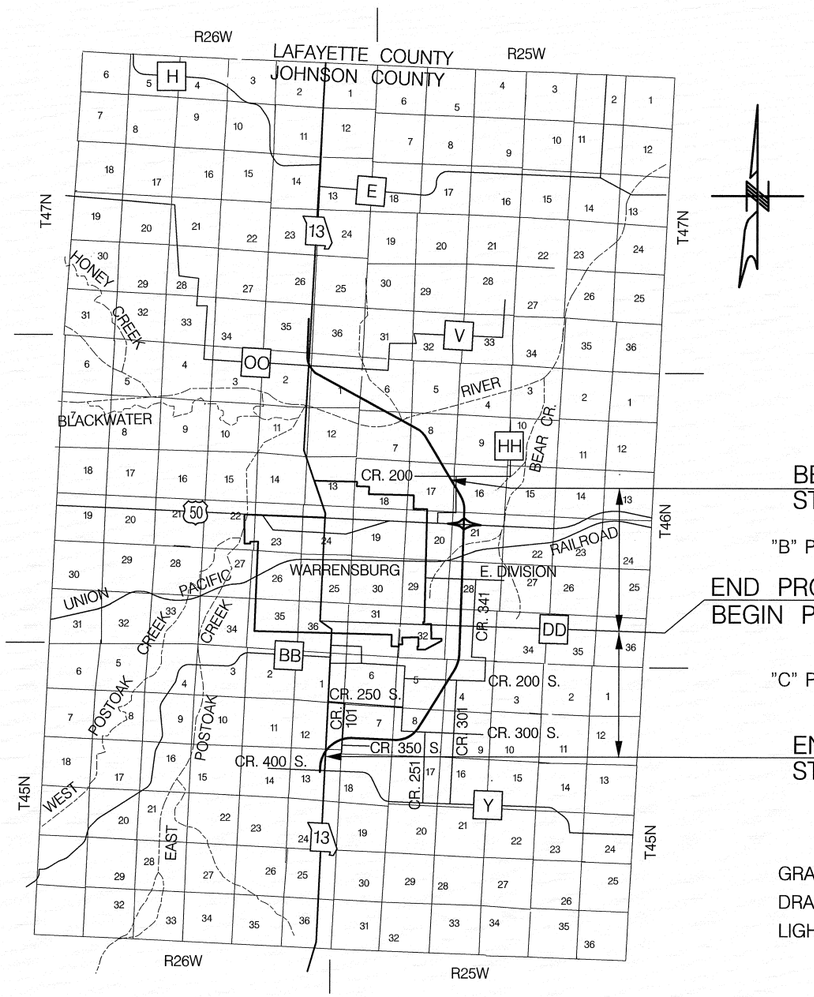
THIS SHALL BE A FULLY CONTROLLED ACCESS HIGHWAY BETWEEN STA. 622+39.88 AND STA. 986+15.85. NO ABUTTING OWNER SHALL HAVE THE RIGHT OF DIRECT ACCESS TO SAID HIGHWAY OR ITS RIGHT-OF-WAY EXCEPT THAT ACCESS WILL BE PERMITTED TO ANY ADJACENT OUTER ROADWAY OR SERVICE ROAD TO WHICH ACCESS IS NOT SPECIFICALLY PROHIBITED BY THE SPECIAL SYMBOL DENOTING "NO RIGHT OF ACCESS" AS SHOWN ON THE PLANS. NO ACCESS WILL BE PERMITTED FROM OUTER ROADWAYS AND SERVICE ROADS TO THROUGHWAYS EXCEPT ALONG ROUTES CONSTRUCTED FOR THAT PURPOSE. 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.
- TEMPORARY ACCESS THROUGH FUTURE NO RIGHT OF ACCESS

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—	—●—
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	SI	
DITCH BLOCK		
INTERCEPTION DITCH		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	V	
WOVEN WIRE	X	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



BEGIN PROJECT "B"
STA. 605+53.06 R/W LIMITS

"B" PROJECT LENGTH = 2.966 MILES

END PROJECT " B" 762+15.50
BEGIN PROJECT " C" 762+15.50

"C" PROJECT LENGTH = 4.45 MILES

END PROJECT "C"
STA. 997+10.82

GRADING, PAVING, BRIDGES, DRAINAGE, R /W, SIGNING AND LIGHTING

1 ½ 0 1 2 3 4
SCALE IN MILES

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (4 SHEETS)	2
SUMMARY (_ SHEET)	-
SUMMARY (_ SHEET)	-
PLAN-PROFILE "B'	3-24
PLAN-PROFILE "C"	25-47
CULVERT SECTIONS	48-58
REFERENCE POINTS	-
COORDINATE POINTS	-
SPECIAL SHEETS	-
TRAFFIC CONTROL SHEETS	-
EROSION CONTROL	-
LIGHTING	-
SIGNALS	-
SIGNING	-
PAVEMENT MARKING	-
BRIDGE DRAWINGS	-
CROSS SECTIONS	-
COMPUTER DATA	-

LENGTH OF PROJECT

J4P1138B
BEGINNING OF PROJECT STA. 619+91.00
END OF PROJECT STA. 762+15.50
APPARENT LENGTH 14,224.50 FEET

J4P1138C
BEGINNING OF PROJECT STA. 762+15.50
END OF PROJECT STA. 997+10.82
APPARENT LENGTH 23,494.32 FEET

EQUATIONS AND EXCEPTIONS 0.00 FEET

TOTAL CORRECTIONS 0.00 FEET
NET LENGTH OF PROJECT 37,718.82 FEET

STATE LENGTH 7.14 MILES

FEDERAL LENGTH 7.14 MILES

STATE OF MISSOURI
ELIZABETH A. WILLIAMS
NUMBER
E-21321
REGISTERED PROFESSIONAL ENGINEER

8-5-08

DATE _____

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	2

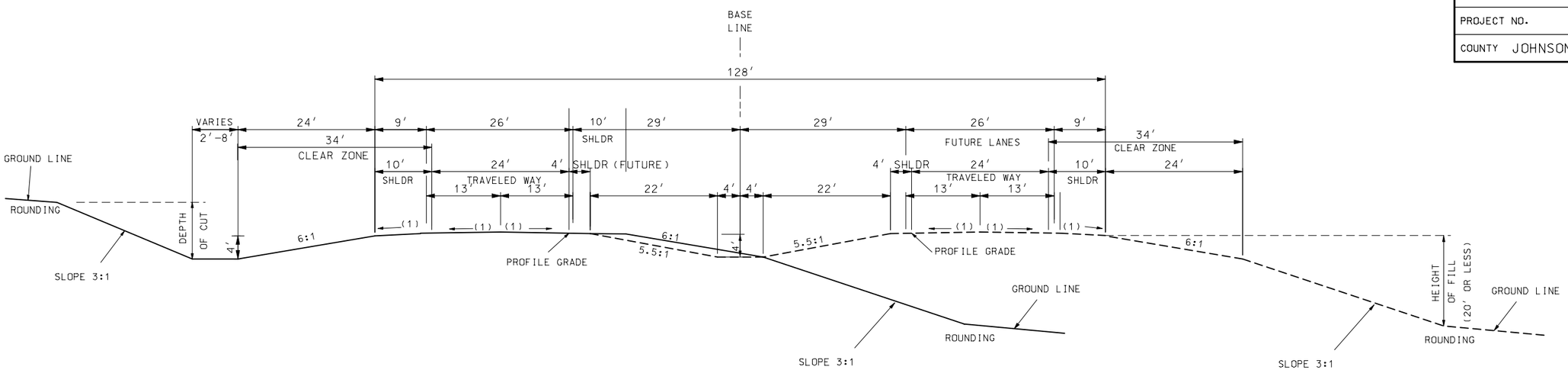
JOB NO. J4P1138B J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



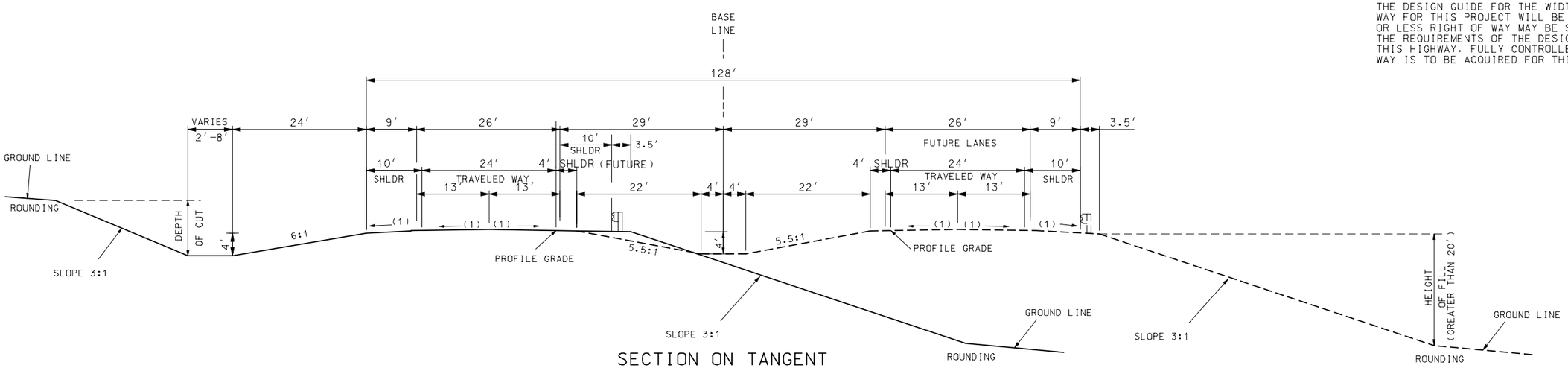
SECTION ON TANGENT

TYPICAL SECTION - MEDIUM DUTY PAVEMENT
ROUTE 13
(HEIGHT OF FILL LESS THAN 20 FT.)
STA. 620+00.00 TO STA. 642+00.00
STA. 680+00.00 TO STA. 986+15.85

CROSS SLOPE

(1) 2.0%

THE DESIGN GUIDE FOR THE WIDTH OF RIGHT OF WAY FOR THIS PROJECT WILL BE 250 FEET. MORE OR LESS RIGHT OF WAY MAY BE SECURED TO SATISFY THE REQUIREMENTS OF THE DESIGN FEATURES OF THIS HIGHWAY. FULLY CONTROLLED ACCESS RIGHT OF WAY IS TO BE ACQUIRED FOR THIS PROJECT.



SECTION ON TANGENT

TYPICAL SECTION - MEDIUM DUTY PAVEMENT
ROUTE 13
(HEIGHT OF FILL GREATER THAN 20 FT.)
STA. 620+00.00 TO STA. 642+00.00
STA. 680+00.00 TO STA. 986+15.85

ROUTE 13
TYPICAL SECTIONS
SHEEET 1 OF 9

REV.

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

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	2

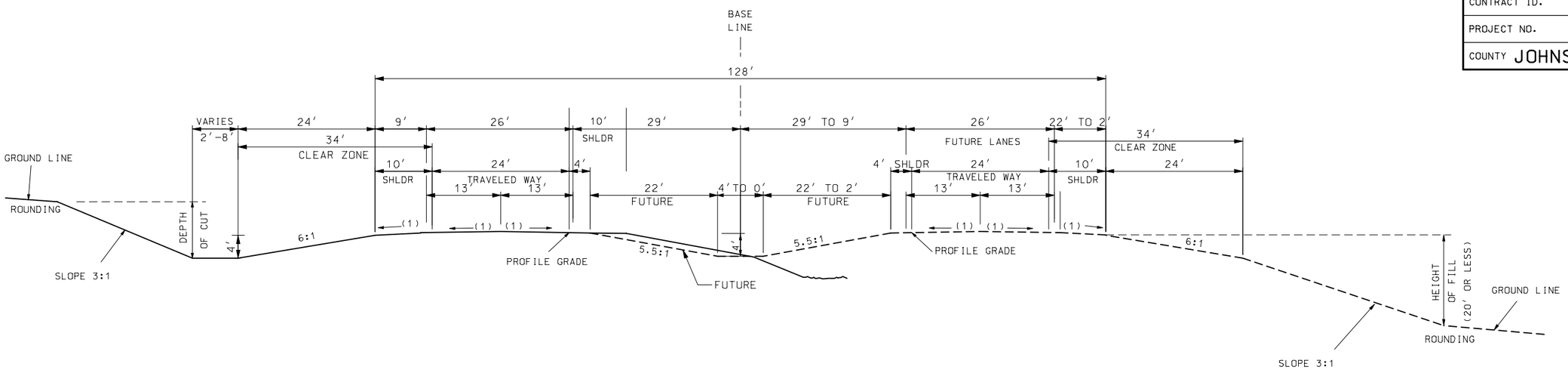
JOB NO. J4P1138B J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



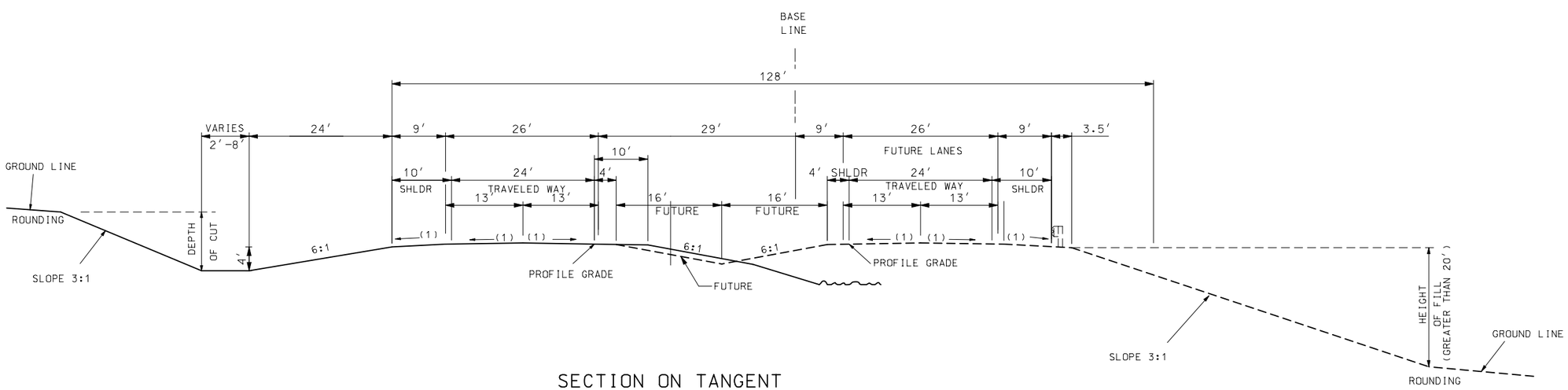
SECTION ON TANGENT

TYPICAL SECTION - MEDIUM DUTY PAVEMENT
ROUTE 13
STA. 642+00.00 TO STA. 651+00.00
STA. 660+00.00 TO STA. 680+00.00

CROSS SLOPE

(1) 2.0%

THE DESIGN GUIDE FOR THE WIDTH OF RIGHT OF WAY FOR THIS PROJECT WILL BE 250 FEET. MORE OR LESS RIGHT OF WAY MAY BE SECURED TO SATISFY THE REQUIREMENTS OF THE DESIGN FEATURES OF THIS HIGHWAY. FULLY CONTROLLED ACCESS RIGHT OF WAY IS TO BE ACQUIRED FOR THIS PROJECT.



SECTION ON TANGENT

TYPICAL SECTION - MEDIUM DUTY PAVEMENT
ROUTE 13 UNDER ROUTE 50
STA. 651+00.00 TO STA. 680+00.00

ROUTE 13
TYPICAL SECTIONS
SHEET 2 OF 9

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

REV.

002typ02_i10_j4p1138.dgn 09:05:08 AM 08/12/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	2

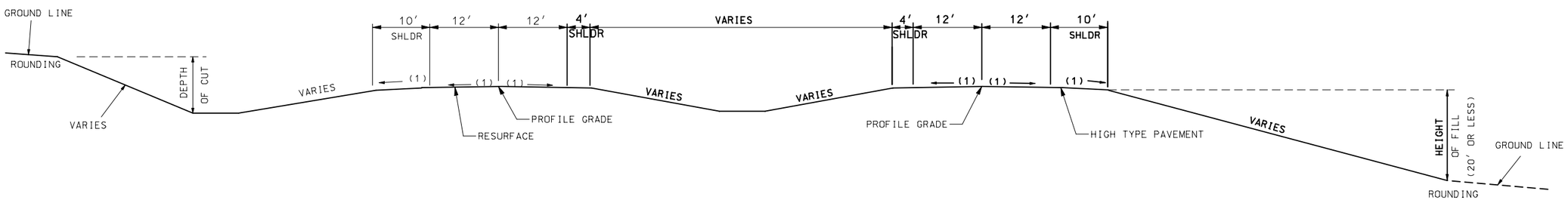
JOB NO. J4P1138B J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



SECTION ON TANGENT

TYPICAL SECTION - MEDIUM DUTY PAVEMENT
ROUTE 50
STA. 192+00 TO STA. 247+80

CROSS SLOPE

(1) 2.0%

THE DESIGN GUIDE FOR THE WIDTH OF RIGHT OF WAY FOR THIS PROJECT WILL BE 250 FEET. MORE OR LESS RIGHT OF WAY MAY BE SECURED TO SATISFY THE REQUIREMENTS OF THE DESIGN FEATURES OF THIS HIGHWAY. FULLY CONTROLLED ACCESS RIGHT OF WAY IS TO BE ACQUIRED FOR THIS PROJECT.

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

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	2

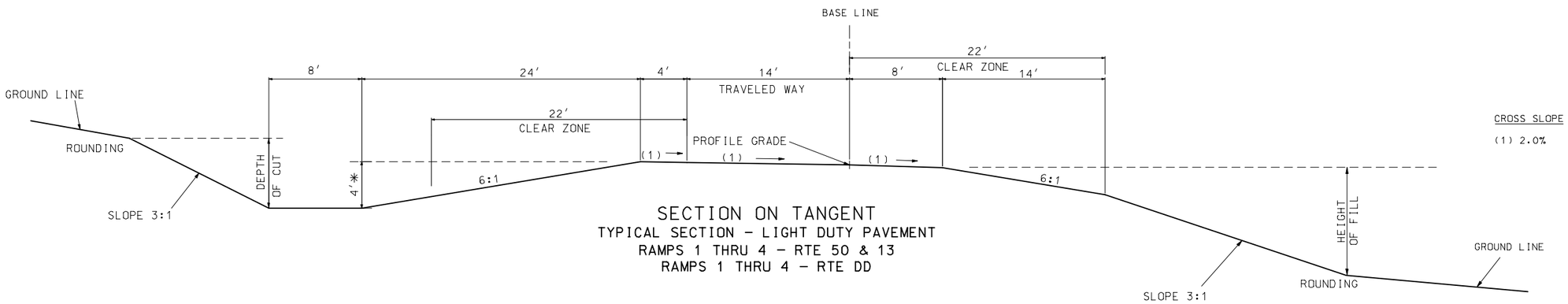
JOB NO. J4P1138B J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



CROSS SLOPE

(1) 2.0%

(1) 2.0%

SECTION ON TANGENT

TYPICAL SECTION - LIGHT DUTY PAVEMENT
RAMPS 1 THRU 4 - RTE 50 & 13
RAMPS 1 THRU 4 - RTE DD

✳ 4′ DITCH DEPTH PREFERRED IF ALTERNATE 18″ ROCK BASE IS USED. SIDESLOPE WIDTH SHALL BE 24′ FOR 4′ DITCH DEPTH.

RAMP
TYPICAL SECTIONS
SHEET 4 OF 9

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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	2

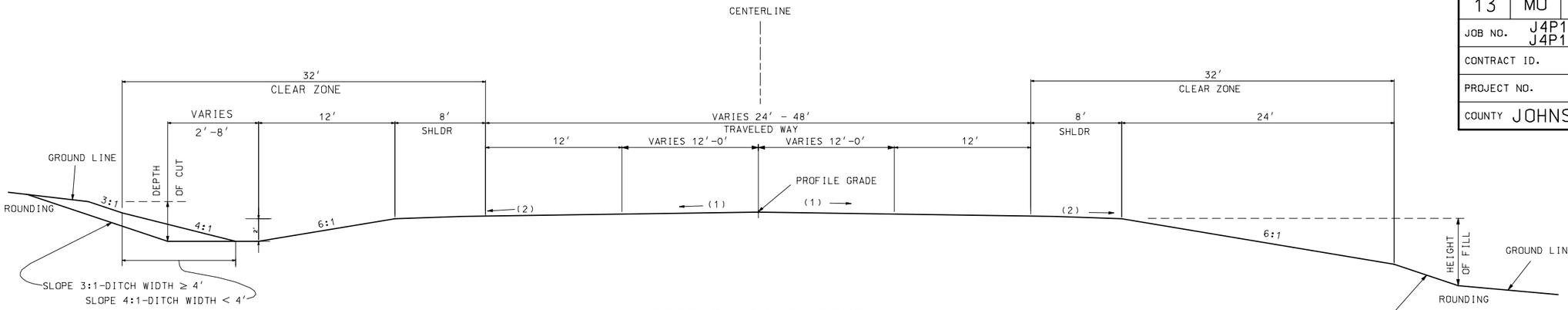
JOB NO. J4P1138B J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

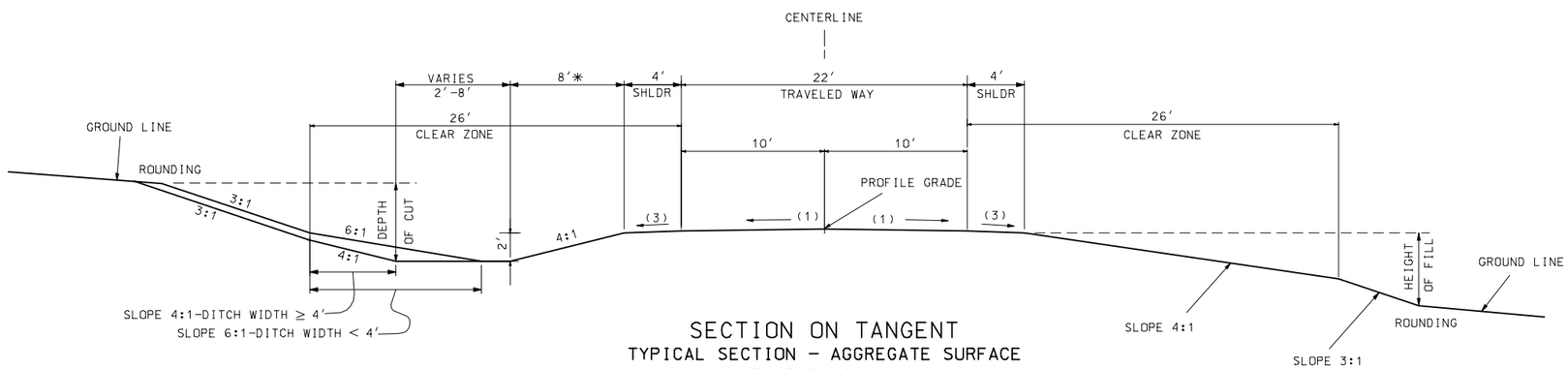
DATE



SECTION ON TANGENT
TYPICAL SECTION - MEDIUM DUTY PAVEMENT
SOUTH BUS. 13
STA. 0+00 TO STA. 36+29.96

CROSS SLOPE

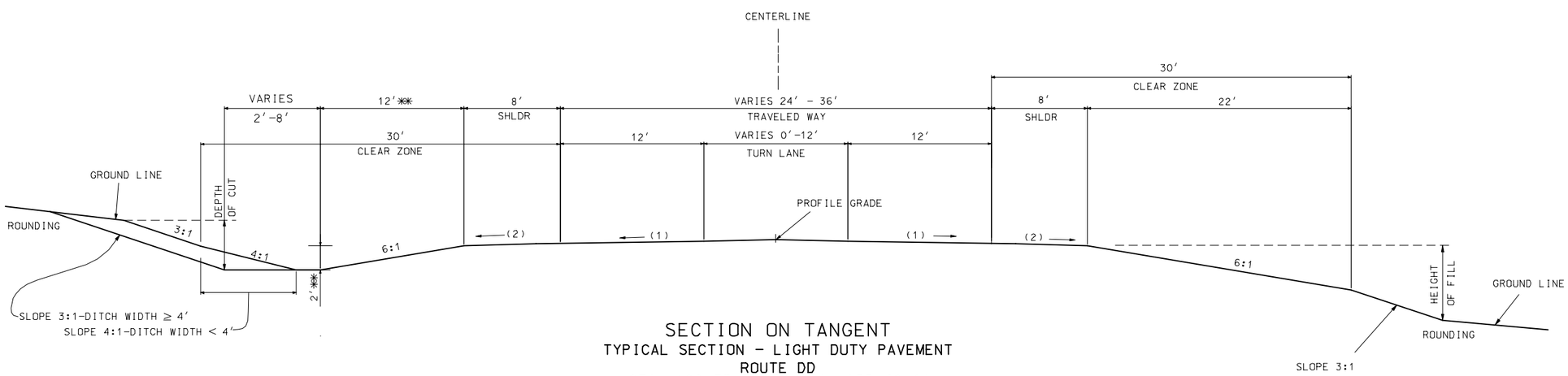
(1) 2.0%
(2) 2.0% FOR PAVED SHOULDERS
4.0% FOR AGGREGATE SHOULDERS
(3) 4.0%



* 4′ DITCH DEPTH PREFERRED IF ALTERNATE 18″ ROCK BASE IS USED. SIDESLOPE WIDTH SHALL BE 16′ FOR 4′ DITCH DEPTH.

** 4′ DITCH DEPTH PREFERRED IF ALTERNATE 18″ ROCK BASE IS USED. SIDESLOPE WIDTH SHALL BE 24′ FOR 4′ DITCH DEPTH.

SECTION ON TANGENT
TYPICAL SECTION - AGGREGATE SURFACE
EAST DIVISION
STA. 4+50 TO STA. 28+50



SECTION ON TANGENT
TYPICAL SECTION - LIGHT DUTY PAVEMENT
ROUTE DD
STA. 122+75.55 TO STA. 155+40.11
ROUTE DD (PHASE I)
STA. 0+15.09 TO STA. 28+66.00

TYPICAL SECTIONS
SHEET 5 OF 9

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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	2

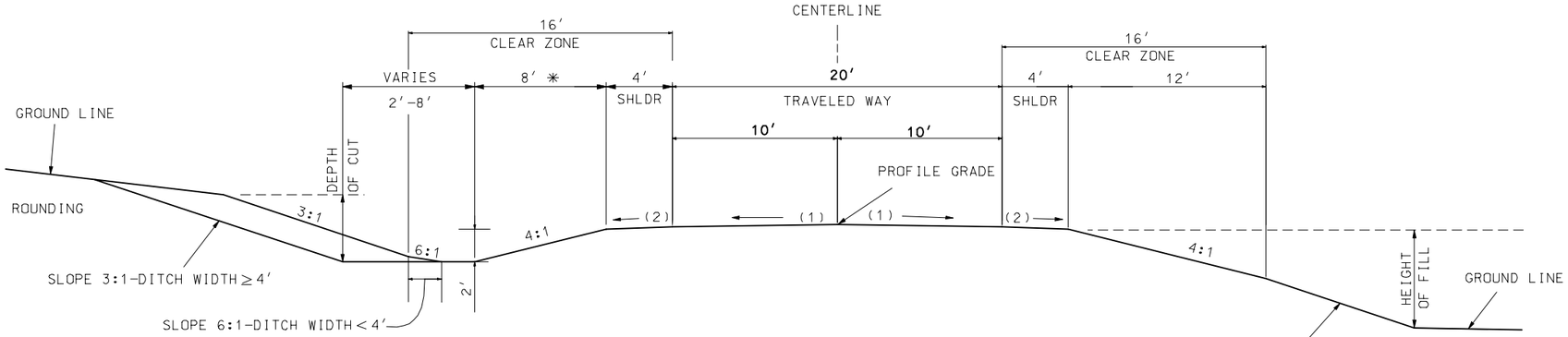
JOB NO. J4P1138B J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

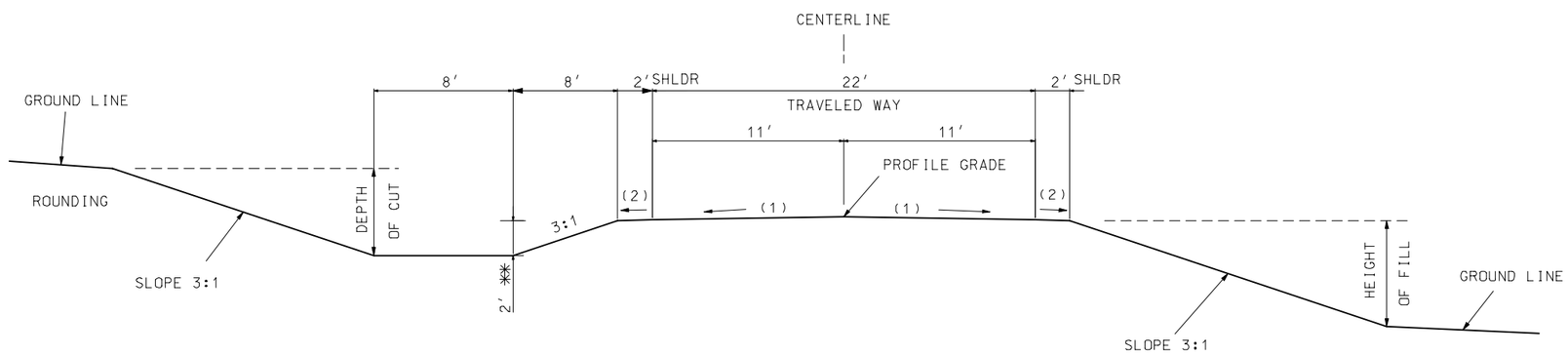


SECTION ON TANGENT

ROUTE HH
LIGHT DUTY PAVEMENT
STA 404+50 TO STA 425+01.12

✳ 4′ DITCH DEPTH PREFERRED IF ALTERNATE 18″ ROCK BASE IS USED. SIDESLOPE WIDTH SHALL BE 16′ FOR 4′ DITCH DEPTH.

✳✳ 4′ DITCH DEPTH PREFERRED IF ALTERNATE 18″ ROCK BASE IS USED. SIDESLOPE WIDTH SHALL BE 12′ FOR 4′ DITCH DEPTH.



CROSS SLOPE

(1) 2.0%
(2) 4.0%

SECTION ON TANGENT

TYPICAL SECTION - AGGREGATE SURFACE
COUNTY ROAD 200 SOUTH
COUNTY ROAD 300 SOUTH
COUNTY ROAD 301
COUNTY ROAD 341
COUNTY ROAD 251
COUNTY ROAD 350

TYPICAL SECTIONS
SHEET 6 OF 9

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

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	2

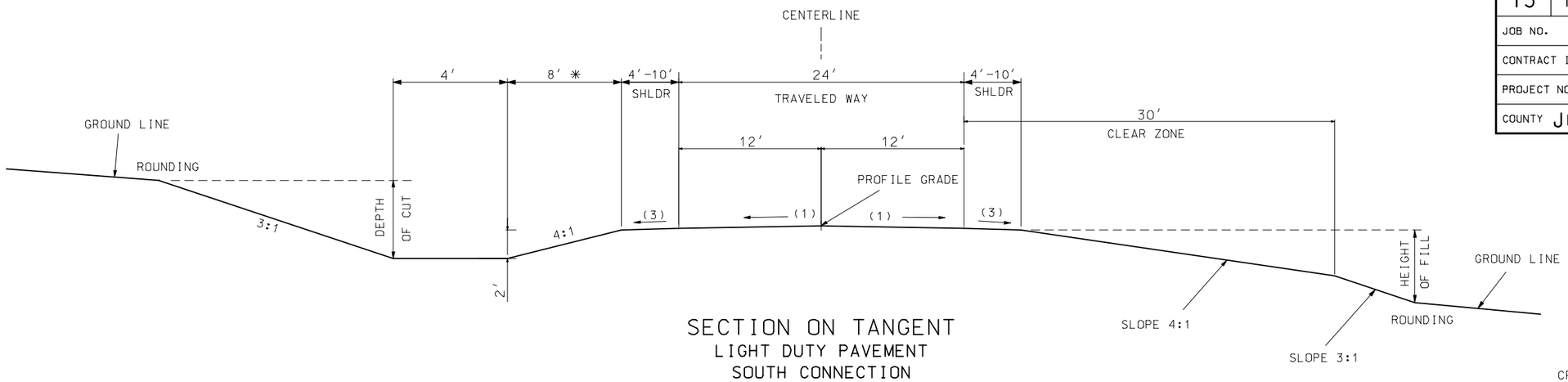
JOB NO. J4P1138B J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

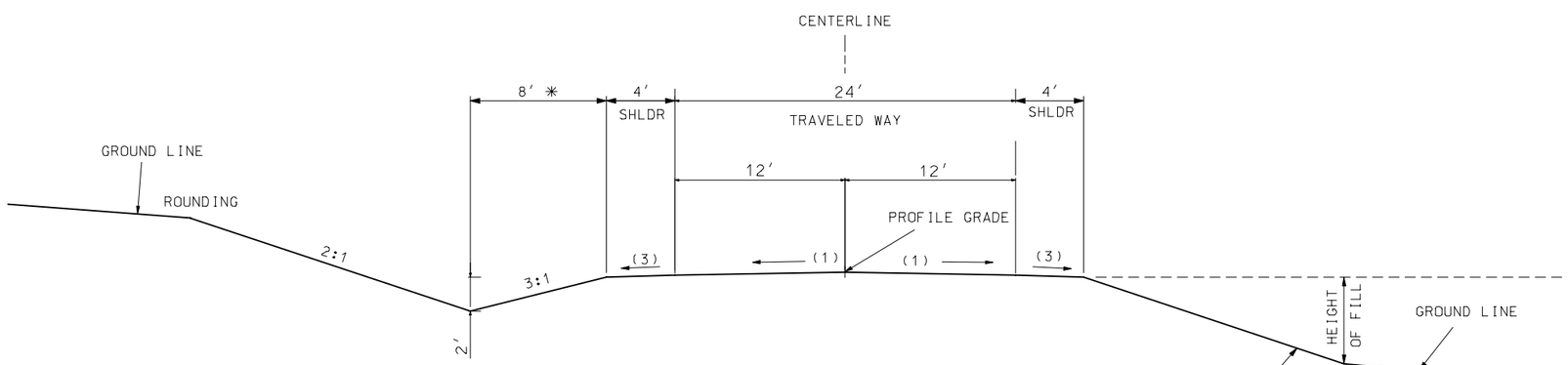
DATE



SECTION ON TANGENT
LIGHT DUTY PAVEMENT
SOUTH CONNECTION
STA. 0+00 TO STA. 40+91.82
(EQ. - STA. 950+55.23 (42' LT.) ROUTE 14 = STA. 0+00 SOUTH CONNECTION)

CROSS SLOPE

(1) 2.0%
(2) 2.0% FOR PAVED SHOULDERS
4.0% FOR AGGREGATE SHOULDERS
(3) 4.0%



SECTION ON TANGENT
LIGHT DUTY PAVEMENT
TEMPORARY SOUTH BYPASS
STA. 0+00 TO STA. 20+05.61

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

TYPICAL SECTIONS
SHEET 7 OF 9

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	2

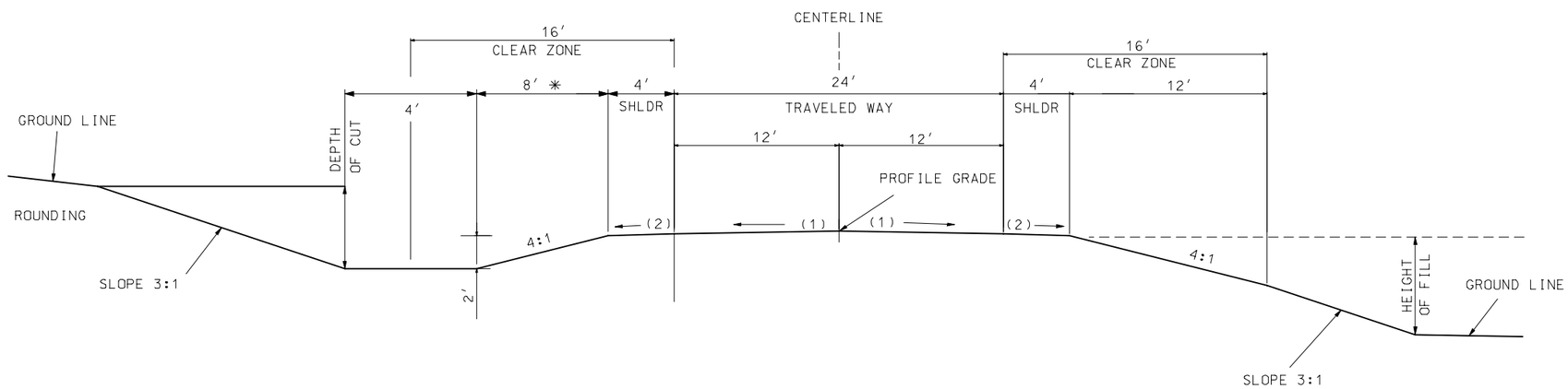
JOB NO. J4P1138B J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



SECTION ON TANGENT
LIGHT DUTY PAVEMENT
CONNECTION FROM BUS. ROUTE 13 TO EXIST. ROUTE 13
WEST SIDE OF PROPOSED SOUTH INTERCHANGE
STA. 20+00 - 24.85.45

TYPICAL SECTIONS
SHEET 8 OF 9

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

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	

JOB NO. J4P1138B

CONTRACT ID.

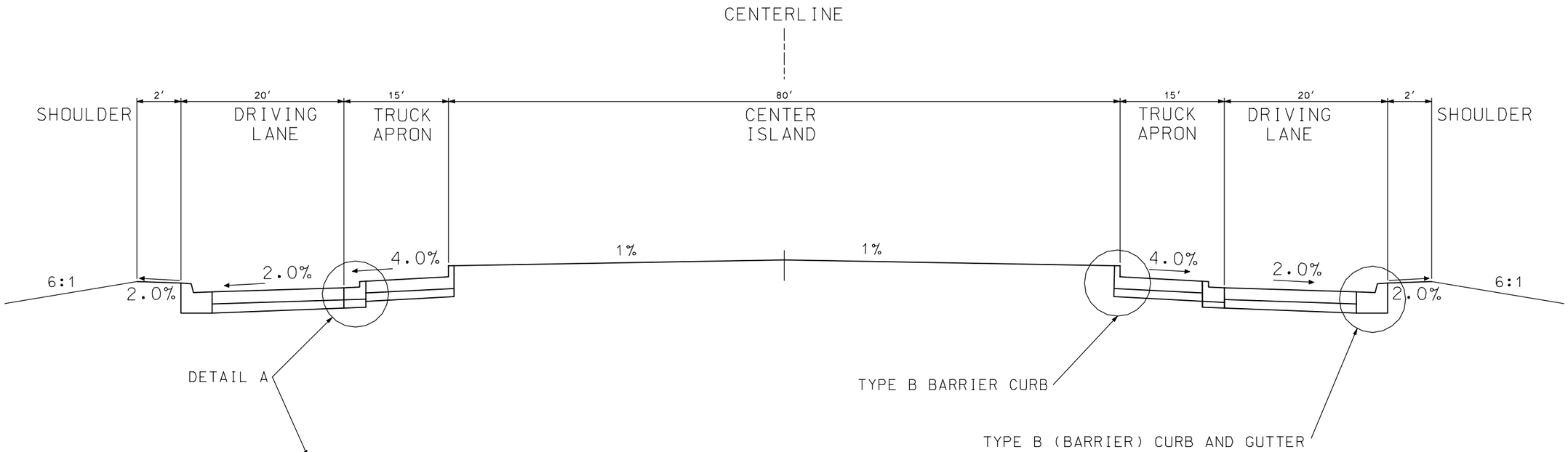
PROJECT NO.

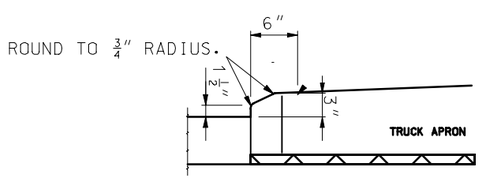
COUNTY JOHNSON

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

TYPICAL SECTION





TYPE E
(INTEGRAL)

LOW PROFILE CURB

ROUNDABOUTS		STATIONING
N ROUNDABOUT AT US 50		651+00.07
S ROUNDABOUT AT US 50		660+00.00
ROUNDABOUT AT DD		764+60.84
ROUNDABOUT AT SOUTHERN CONNECTION		18+57.30

PROPOSED
SECTION ON TANGENT
TYPICAL SECTION FOR CENTER OF ROUNDABOUT

NOT TO SCALE

TYPICAL SECTIONS
SHEET 9 OF 9

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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	3A

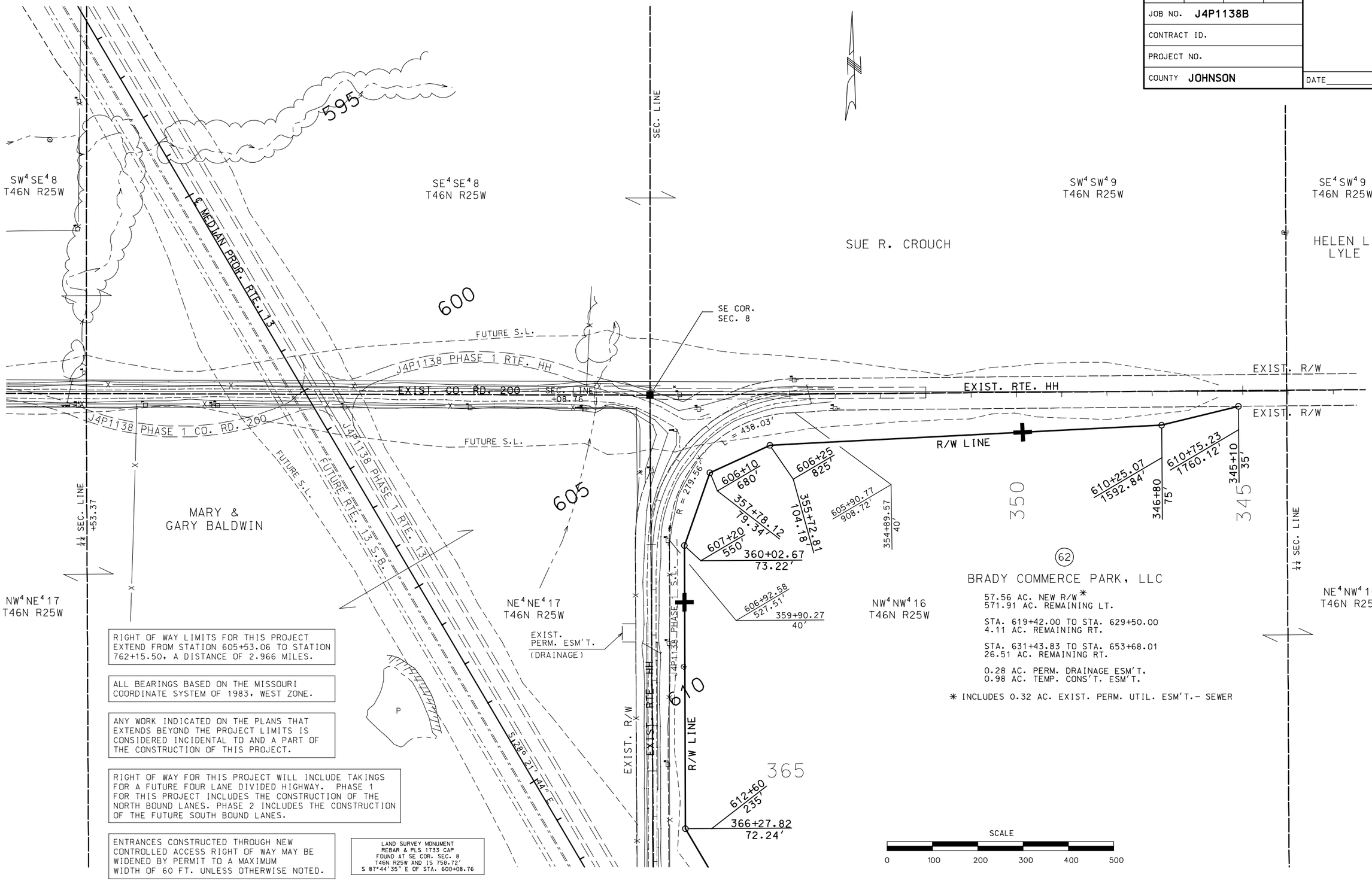
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STATION 605+53.06 TO STATION 762+15.50, A DISTANCE OF 2.966 MILES.

ALL BEARINGS BASED ON THE MISSOURI COORDINATE SYSTEM OF 1983, WEST ZONE.

ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

RIGHT OF WAY FOR THIS PROJECT WILL INCLUDE TAKINGS FOR A FUTURE FOUR LANE DIVIDED HIGHWAY. PHASE 1 FOR THIS PROJECT INCLUDES THE CONSTRUCTION OF THE NORTH BOUND LANES. PHASE 2 INCLUDES THE CONSTRUCTION OF THE FUTURE SOUTH BOUND LANES.

ENTRANCES CONSTRUCTED THROUGH NEW CONTROLLED ACCESS RIGHT OF WAY MAY BE WIDENED BY PERMIT TO A MAXIMUM WIDTH OF 60 FT. UNLESS OTHERWISE NOTED.

LAND SURVEY MONUMENT
REBAR & PLS 1733 CAP
FOUND AT SE COR. SEC. 8
T46N R25W AND IS 758.72'
S 87°44'35" E OF STA. 600+08.76

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

REV.

Veterans_Road_Rte13_Extension_3A.dgn 01:05:41 PM 08/13/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	3B

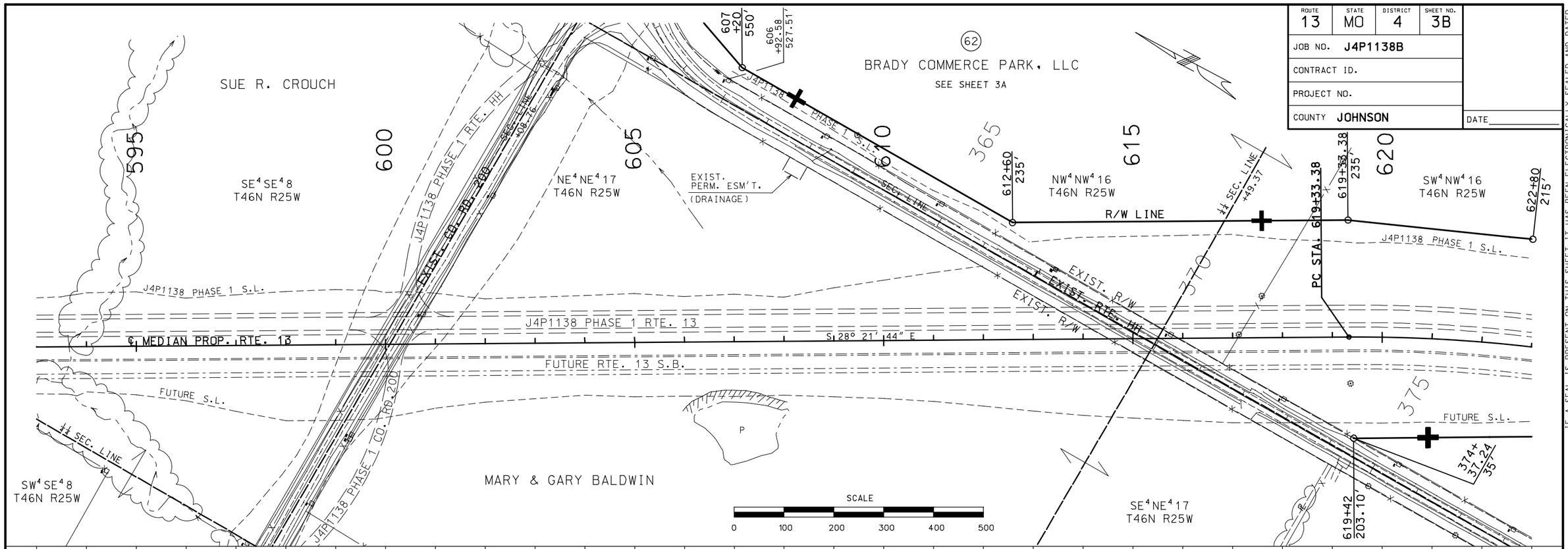
JOB NO. J4P1138B

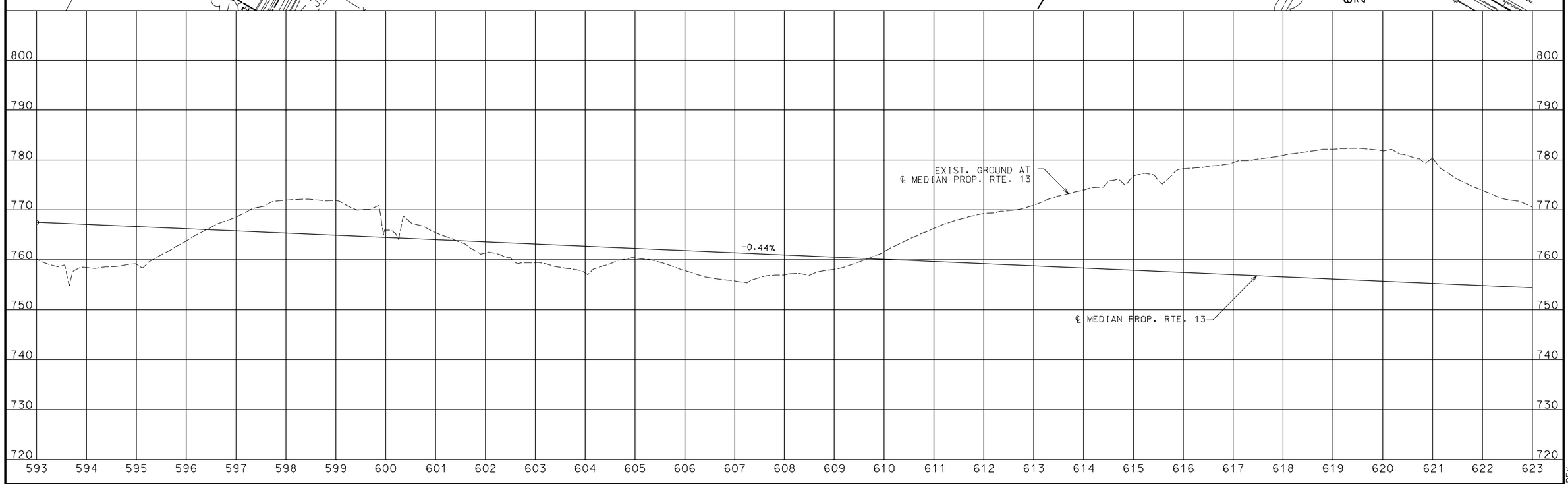
CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE





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

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	3C

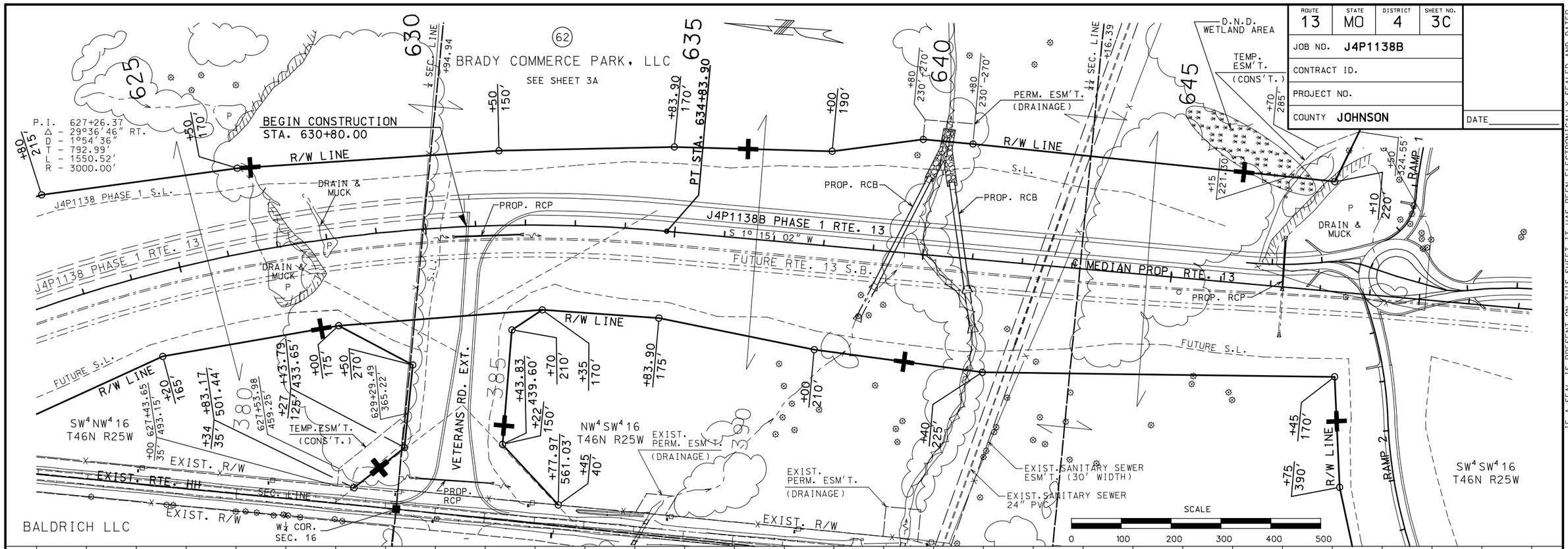
JOB NO. J4P1138B

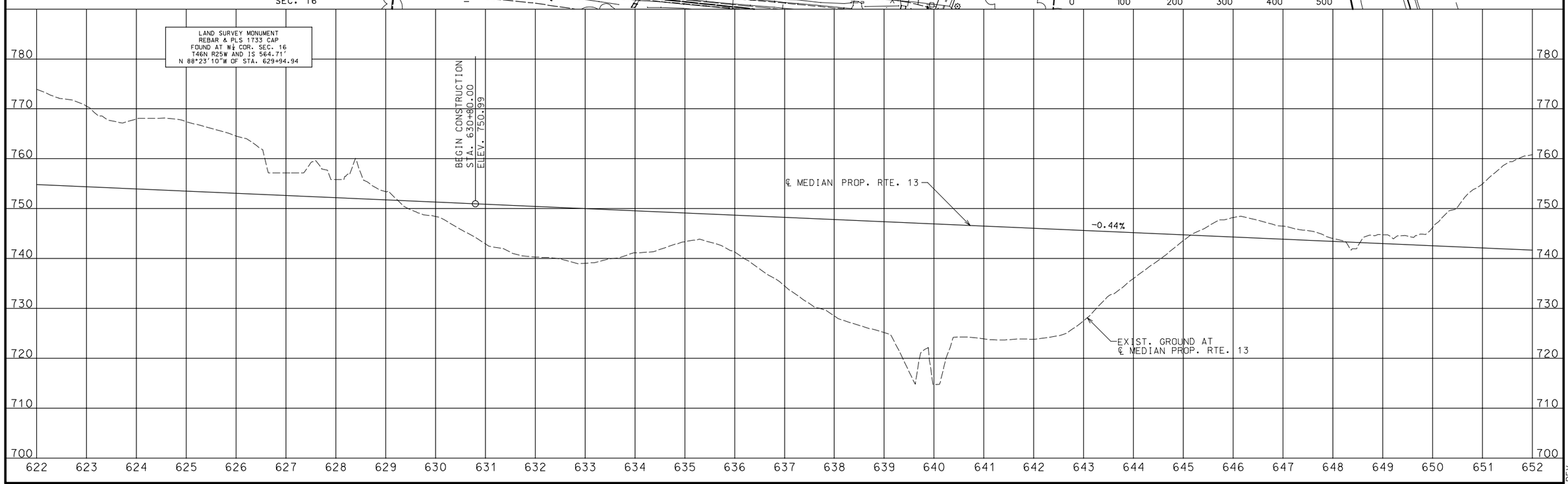
CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE





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

REV.

Veterans_Road_Rte13_Extension_3C.dgn 01:08:16 PM 08/13/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	4

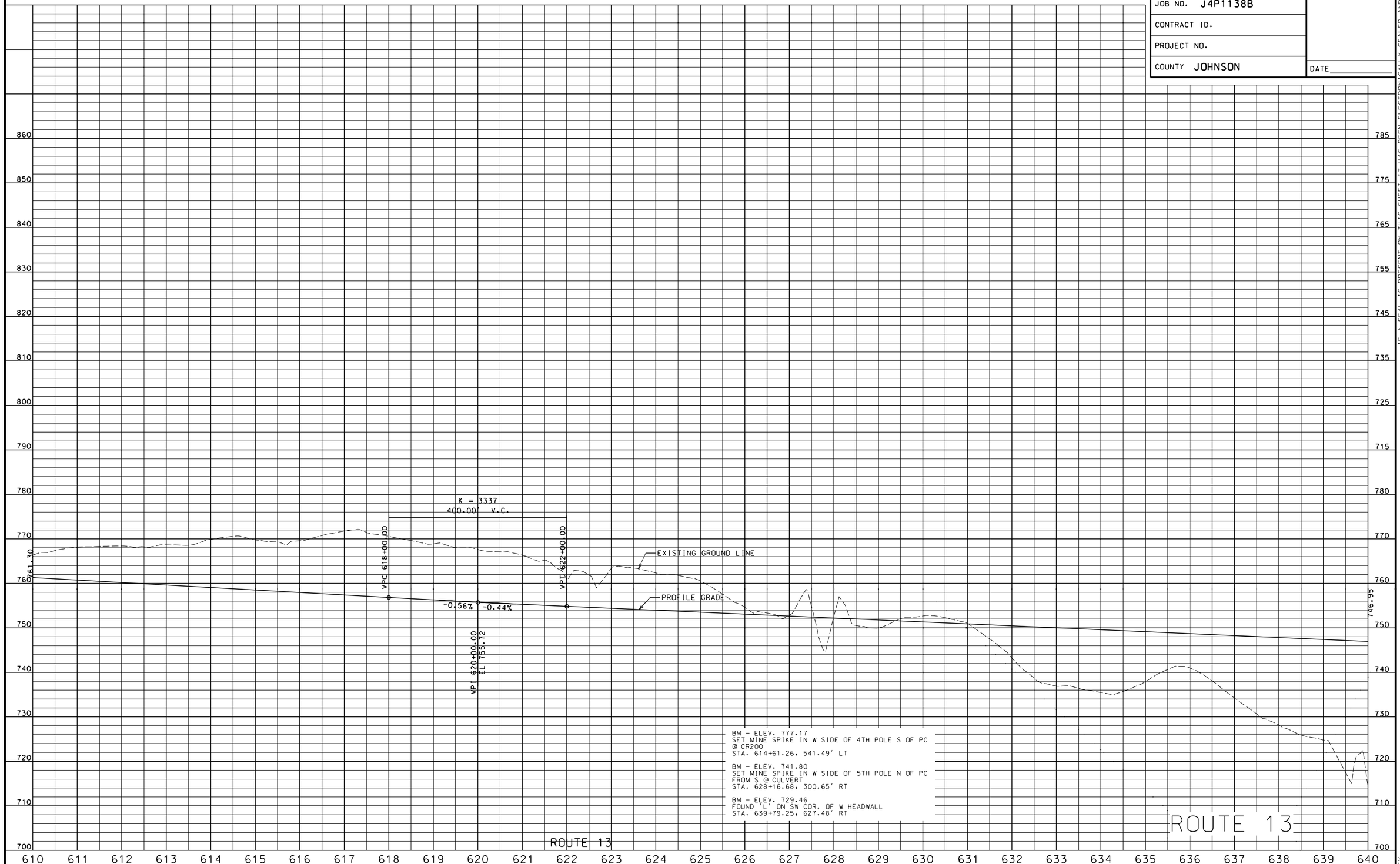
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	5

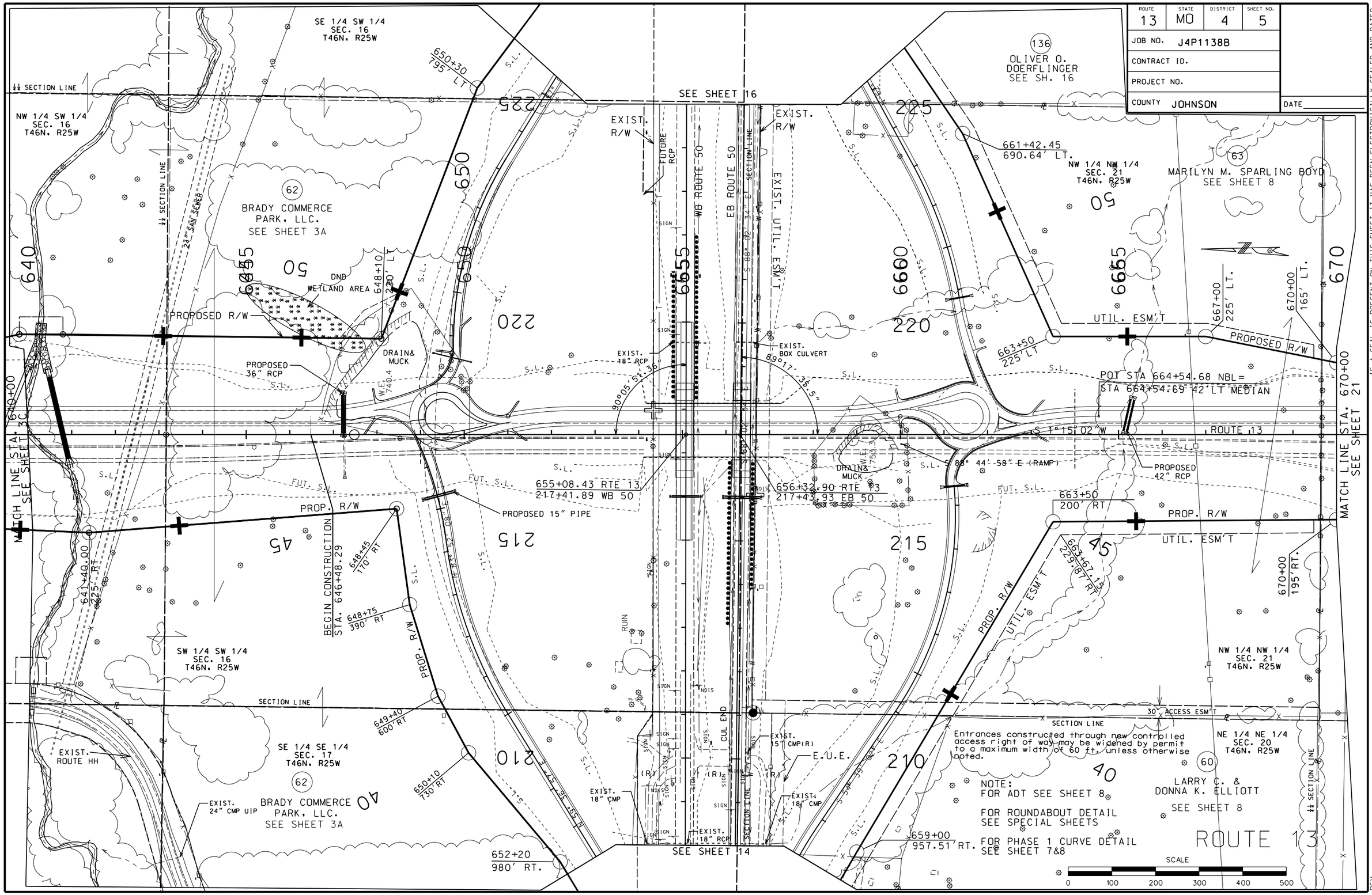
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	6

JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

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

BM - ELEV. 783.58
SET MINE SPIKE IN N SIDE OF PP 1' ABOVE GROUND
STA. 654+32.93, 1306.34' RT

BM - ELEV. 746.50
SET MINE SPIKE IN E SIDE PP #F140 1.5' ABOVE GROUND
STA. 644+85.68, 1295.31' RT

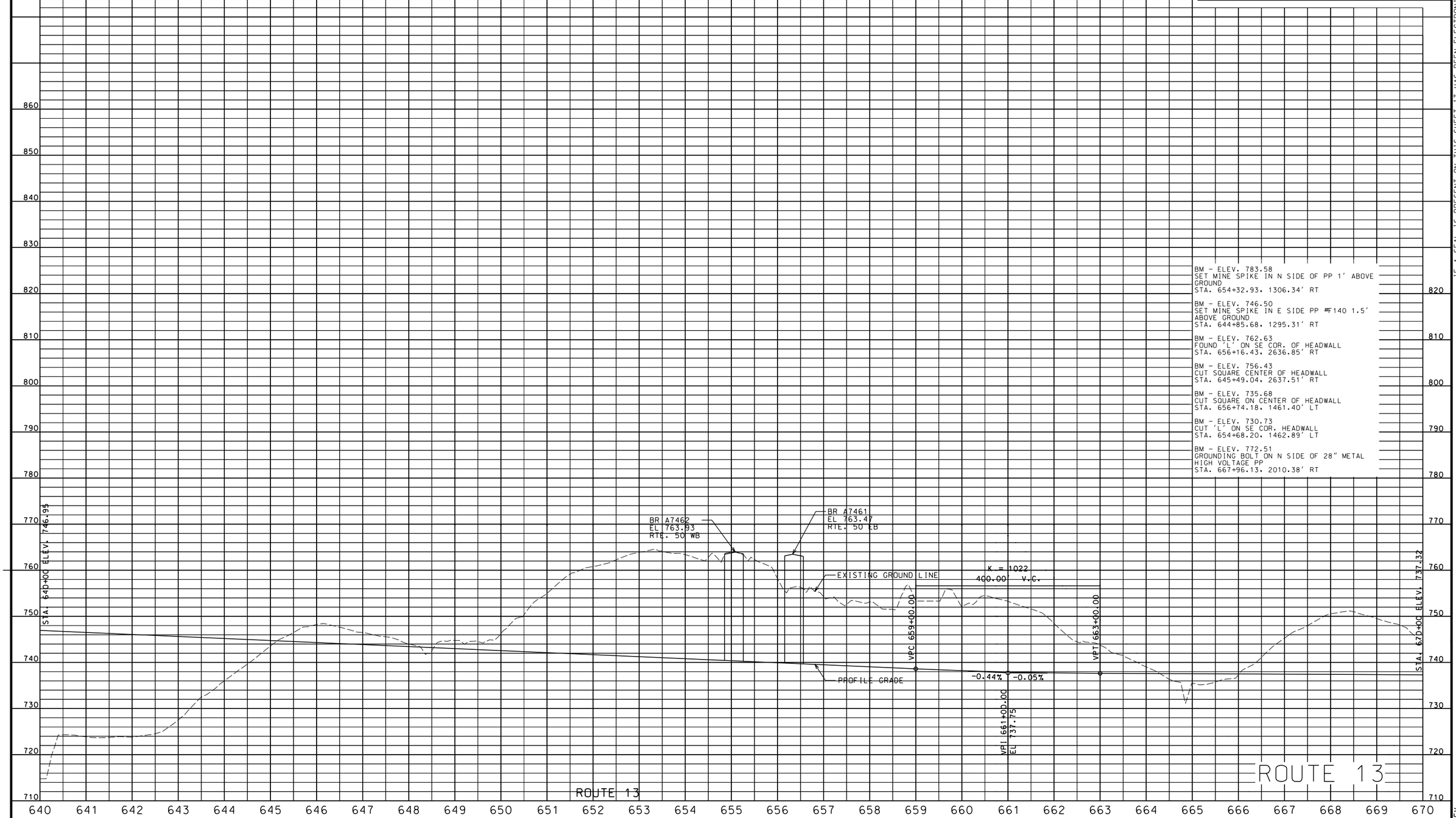
BM - ELEV. 762.63
FOUND 'L' ON SE COR. OF HEADWALL
STA. 656+16.43, 2636.85' RT

BM - ELEV. 756.43
CUT SQUARE CENTER OF HEADWALL
STA. 645+49.04, 2637.51' RT

BM - ELEV. 735.68
CUT SQUARE ON CENTER OF HEADWALL
STA. 656+74.18, 1461.40' LT

BM - ELEV. 730.73
CUT 'L' ON SE COR. HEADWALL
STA. 654+68.20, 1462.89' LT

BM - ELEV. 772.51
GROUNDING BOLT ON N SIDE OF 28" METAL HIGH VOLTAGE PP
STA. 667+96.13, 2010.38' RT



REV.

$FILE$ $TIME$ 9/2/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	7

JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

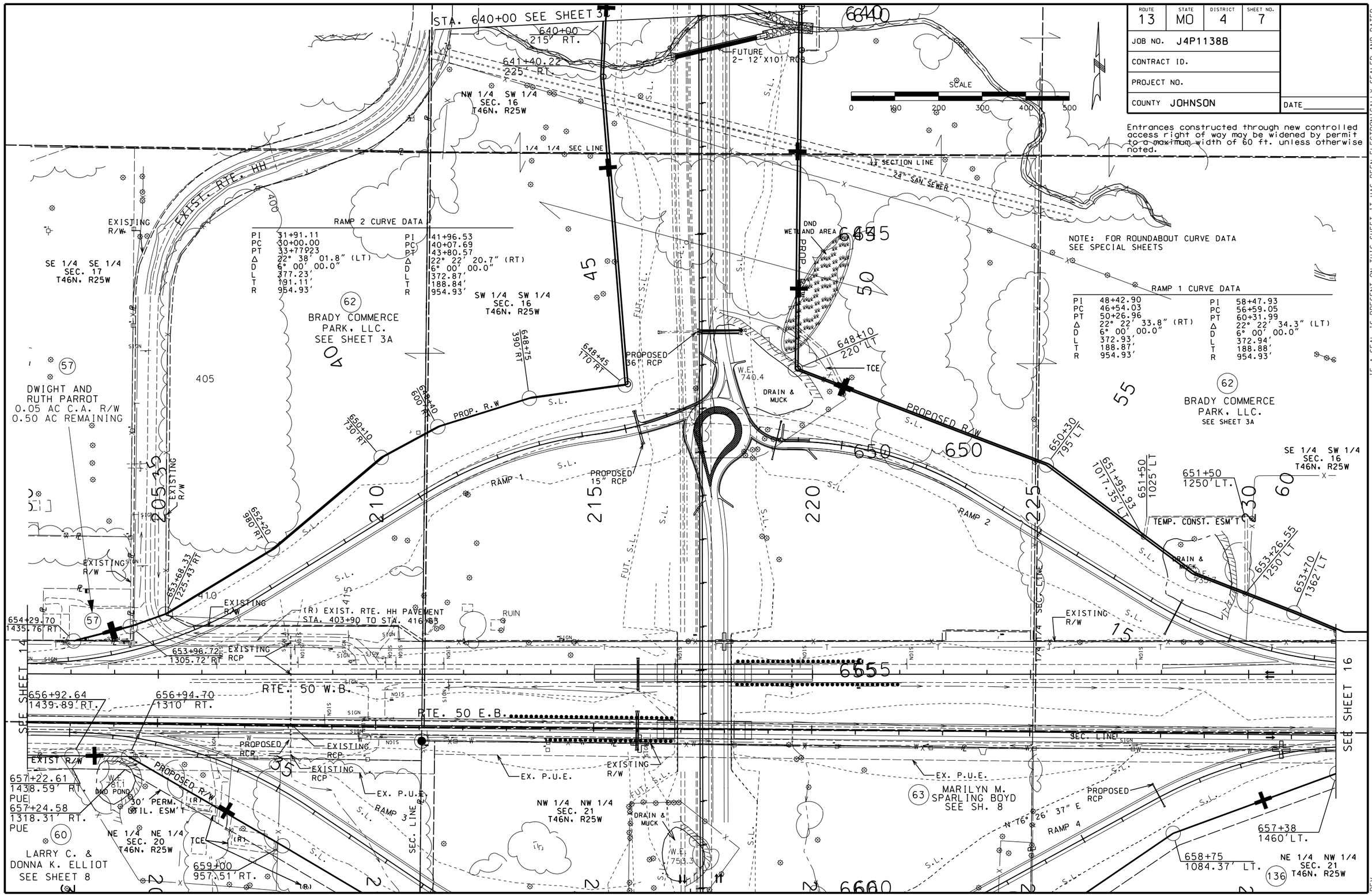
NOTE: FOR ROUNDABOUT CURVE DATA SEE SPECIAL SHEETS

RAMP 2 CURVE DATA

PI	31+91.11	PI	41+96.53
PC	30+00.00	PC	40+07.69
PT	33+77.23	PT	43+80.57
Δ	22° 38' 01.8" (LT)	Δ	22° 22' 20.7" (RT)
D	6° 00' 00.0"	D	6° 00' 00.0"
L	377.23'	L	372.87'
T	191.11'	T	188.84'
R	954.93'	R	954.93'

RAMP 1 CURVE DATA

PI	48+42.90	PI	58+47.93
PC	46+54.03	PC	56+59.05
PT	50+26.96	PT	60+31.99
Δ	22° 22' 33.8" (RT)	Δ	22° 22' 34.3" (LT)
D	6° 00' 00.0"	D	6° 00' 00.0"
L	372.93'	L	372.94'
T	188.87'	T	188.88'
R	954.93'	R	954.93'



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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	8

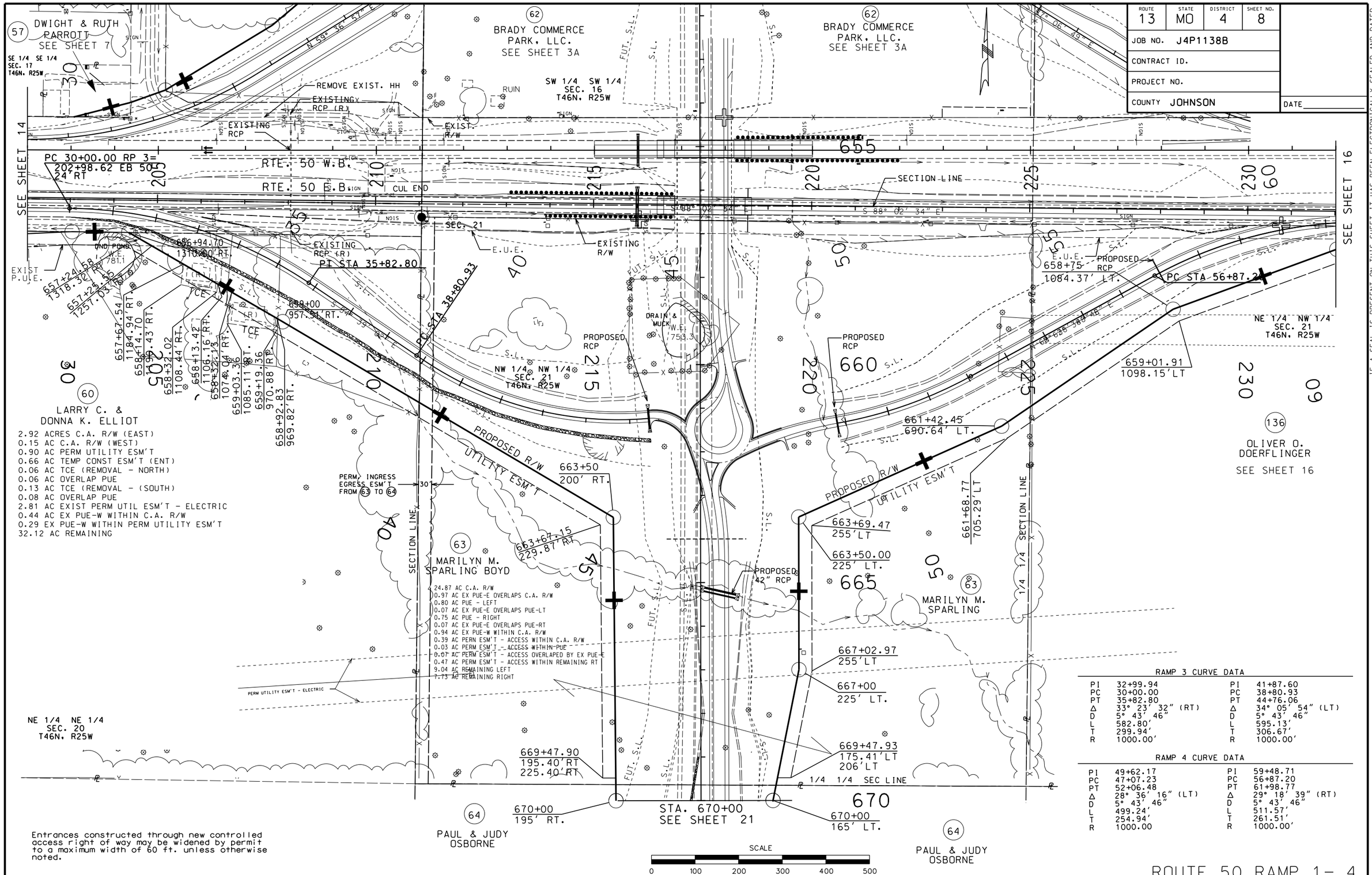
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

RAMP 3 CURVE DATA

PI	32+99.94	PI	41+87.60
PC	30+00.00	PC	38+80.93
PT	35+82.80	PT	44+76.06
Δ	33° 23' 32" (RT)	Δ	34° 05' 54" (LT)
D	5° 43' 46"	D	5° 43' 46"
L	582.80'	L	595.13'
T	299.94'	T	306.67'
R	1000.00'	R	1000.00'

RAMP 4 CURVE DATA

PI	49+62.17	PI	59+48.71
PC	47+07.23	PC	56+87.20
PT	52+06.48	PT	61+98.77
Δ	28° 36' 16" (LT)	Δ	29° 18' 39" (RT)
D	5° 43' 46"	D	5° 43' 46"
L	499.24'	L	511.57'
T	254.94'	T	261.51'
R	1000.00	R	1000.00'

ROUTE 50 RAMP 1- 4

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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	9

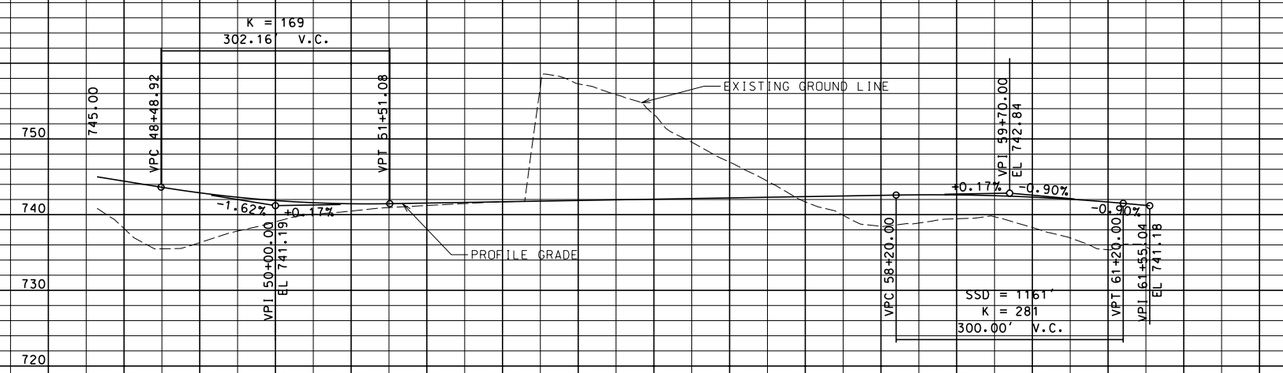
JOB NO. J4P1138B

CONTRACT ID.

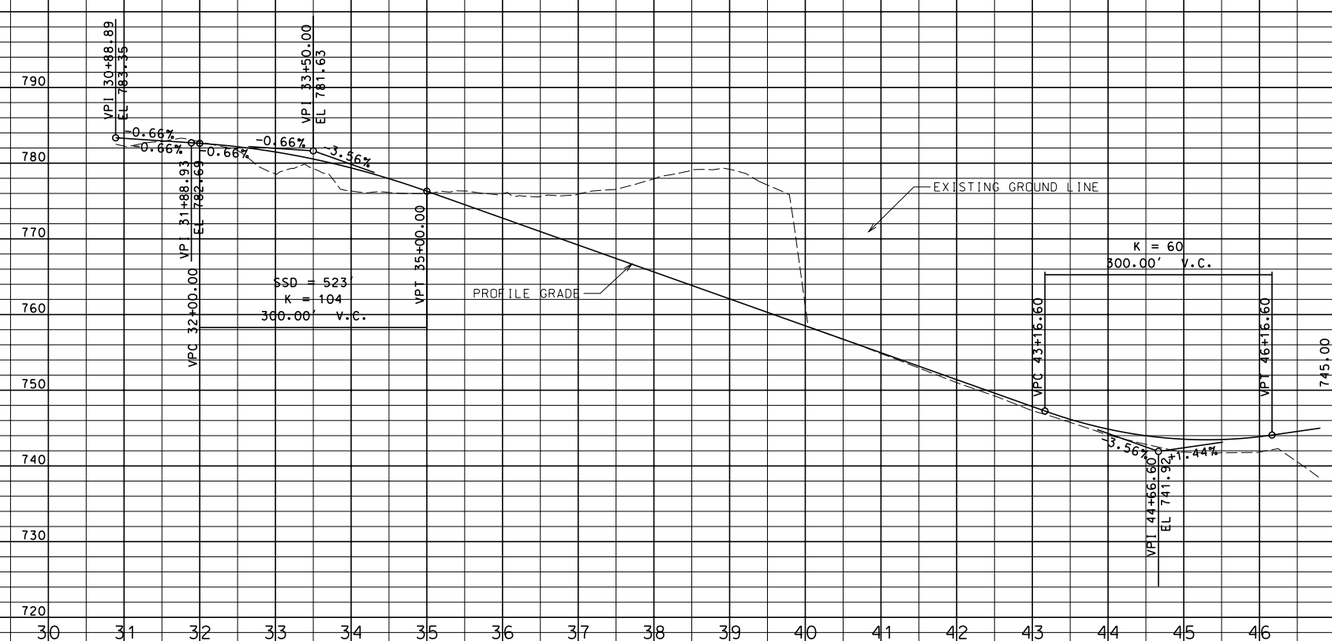
PROJECT NO.

COUNTY JOHNSON

DATE



ROUTE 50 RAMP 2



ROUTE 50 RAMP 1

ROUTE 50 RAMP 1
ROUTE 50 RAMP 2

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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	10

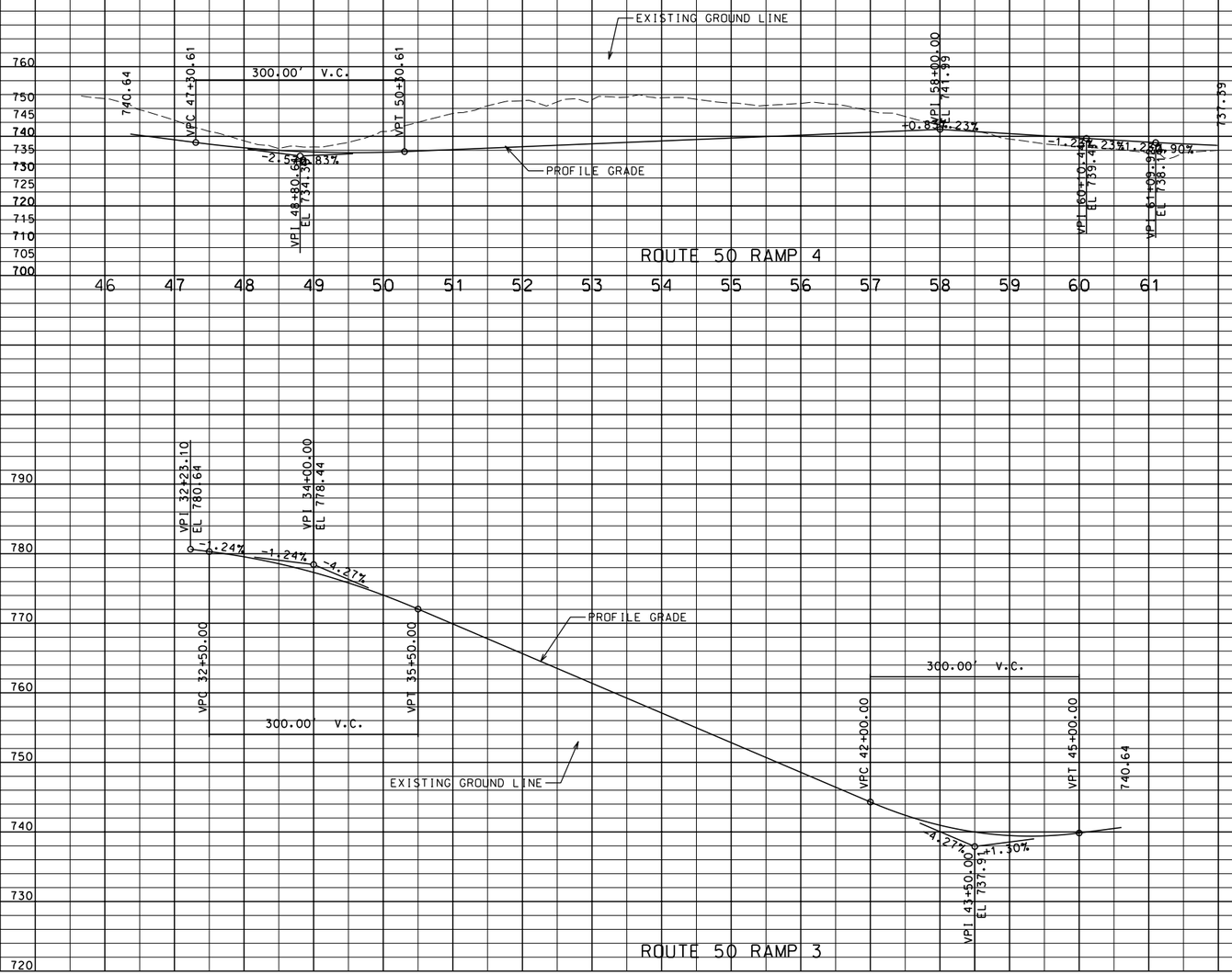
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



ROUTE 50 RAMP 3
ROUTE 50 RAMP 4

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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	11

JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

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

THIS SHEET INTENTIONALLY LEFT BLANK

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	12

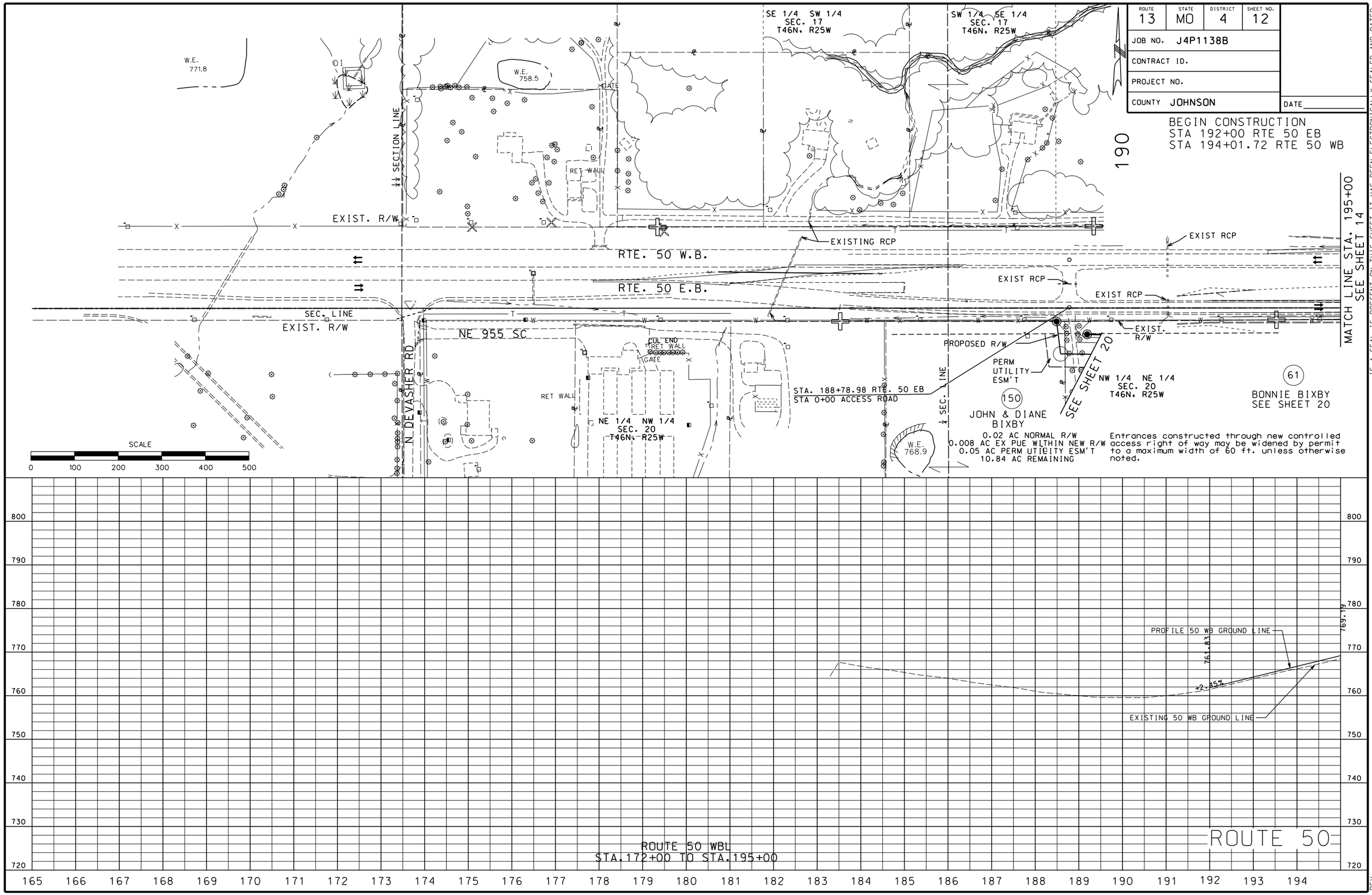
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	13

JOB NO. J4P1138B

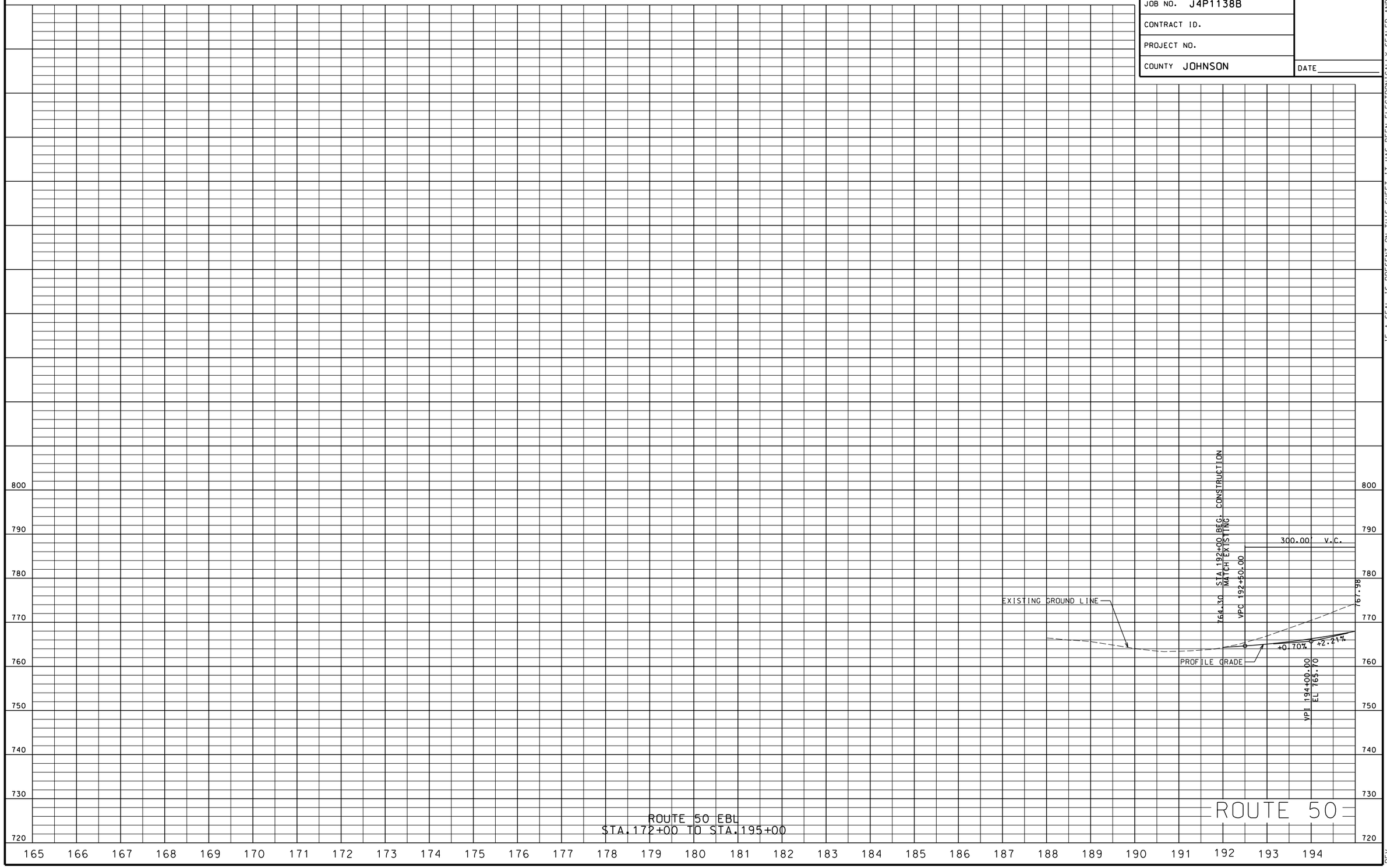
CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

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



REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	14

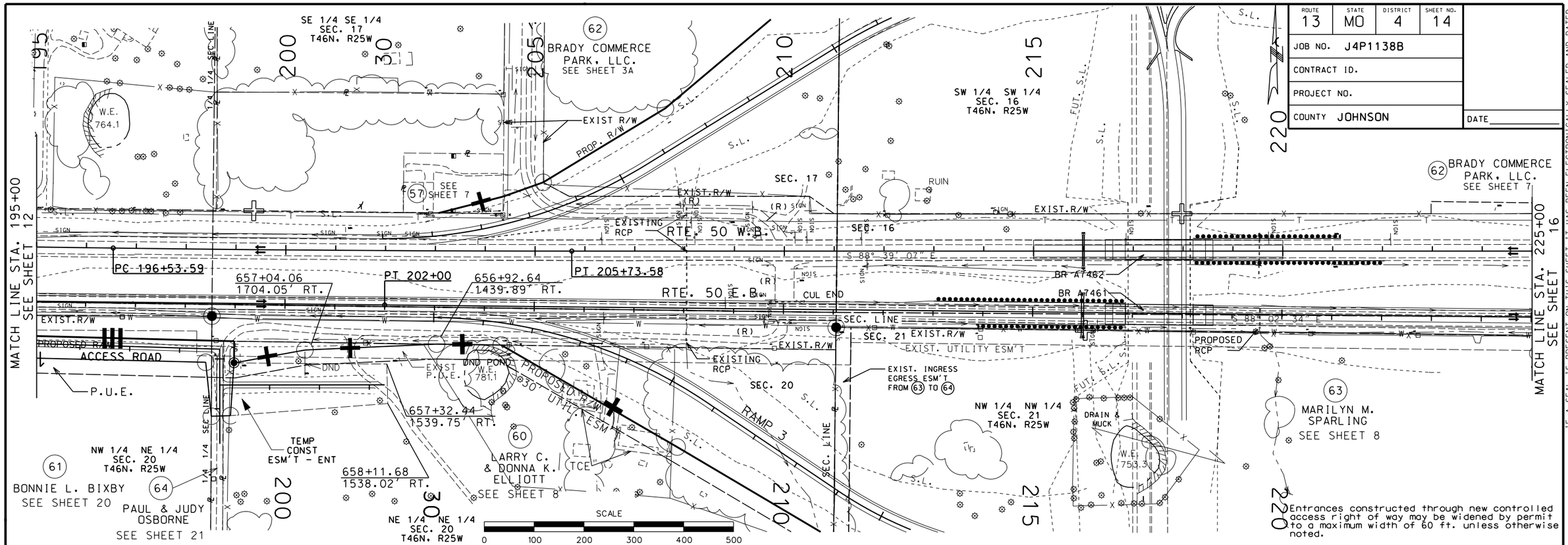
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

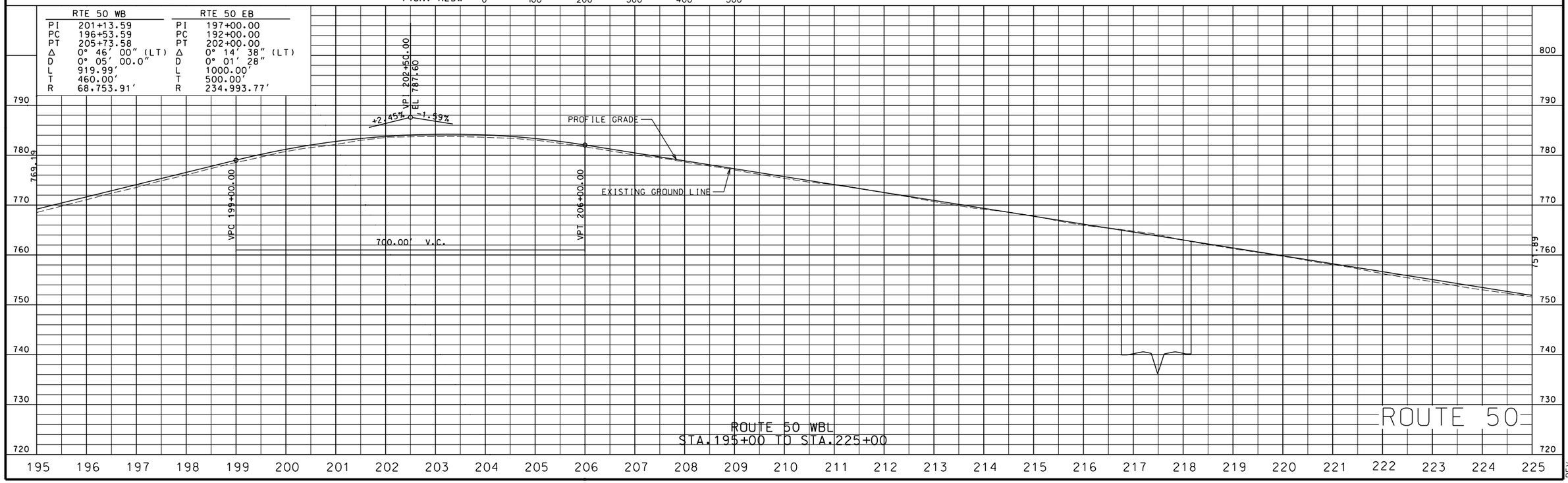
DATE



Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

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

RTE 50 WB		RTE 50 EB	
PI	201+13.59	PI	197+00.00
PC	196+53.59	PC	192+00.00
PT	205+73.58	PT	202+00.00
Δ	0° 46′ 00″ (LT)	Δ	0° 14′ 38″ (LT)
D	0° 05′ 00.0″	D	0° 01′ 28″
L	919.99′	L	1000.00′
T	460.00′	T	500.00′
R	68,753.91′	R	234,993.77′



REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	15

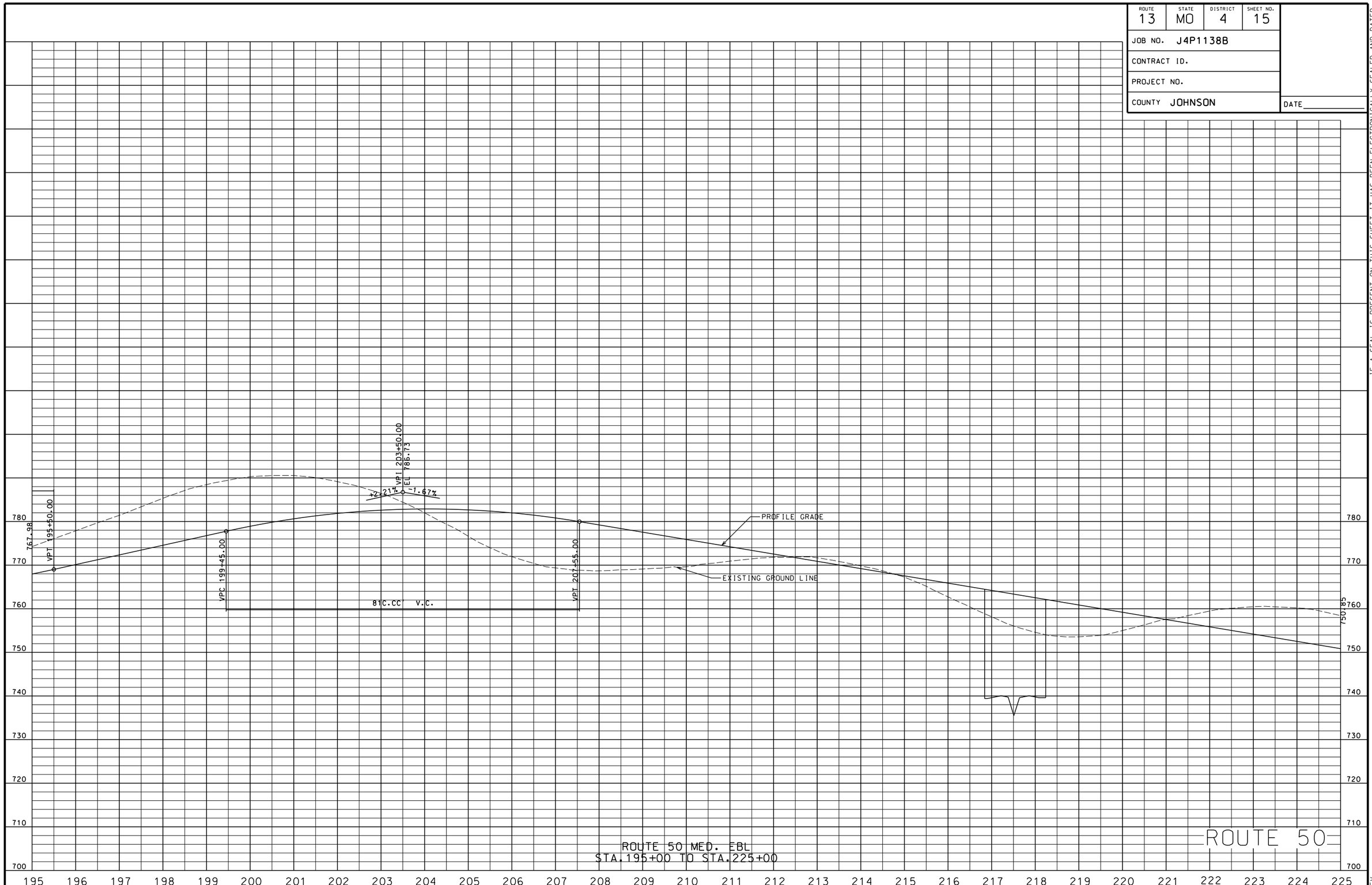
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



ROUTE 50 MED. EBL
STA.195+00 TO STA.225+00

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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	16

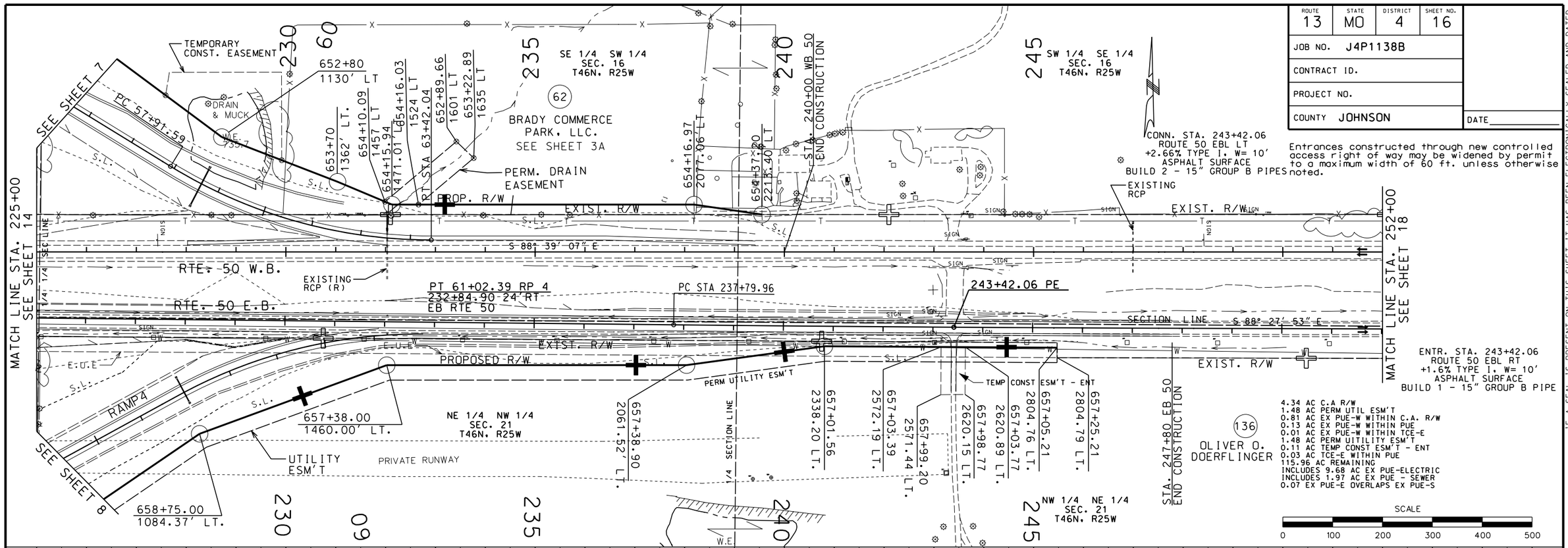
JOB NO. J4P1138B

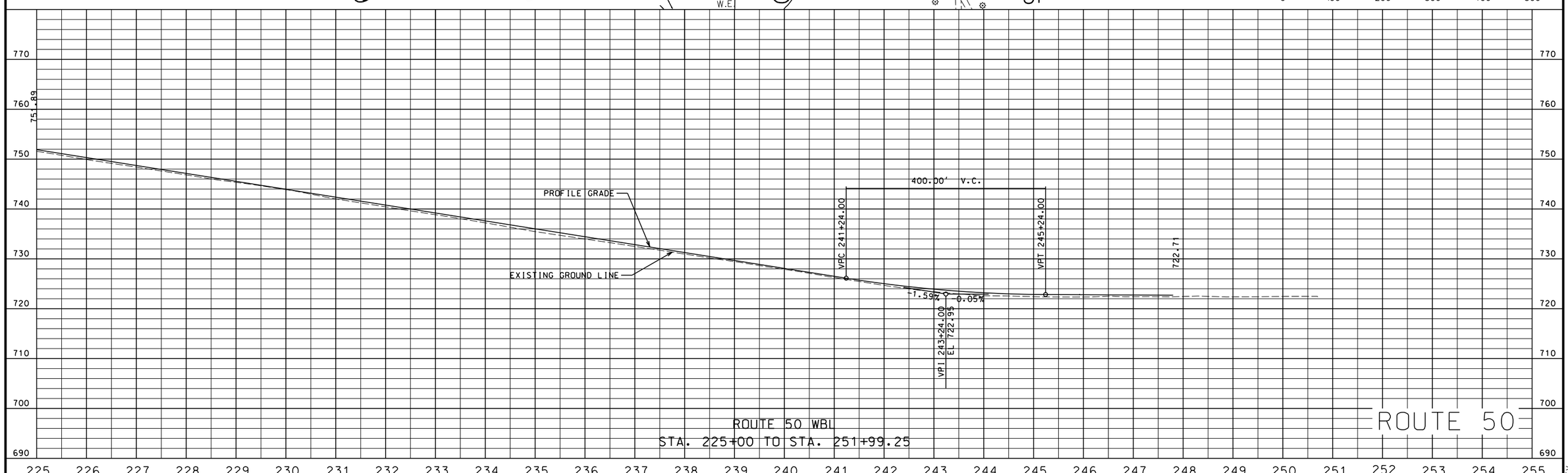
CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE





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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	17

JOB NO. J4P1138B

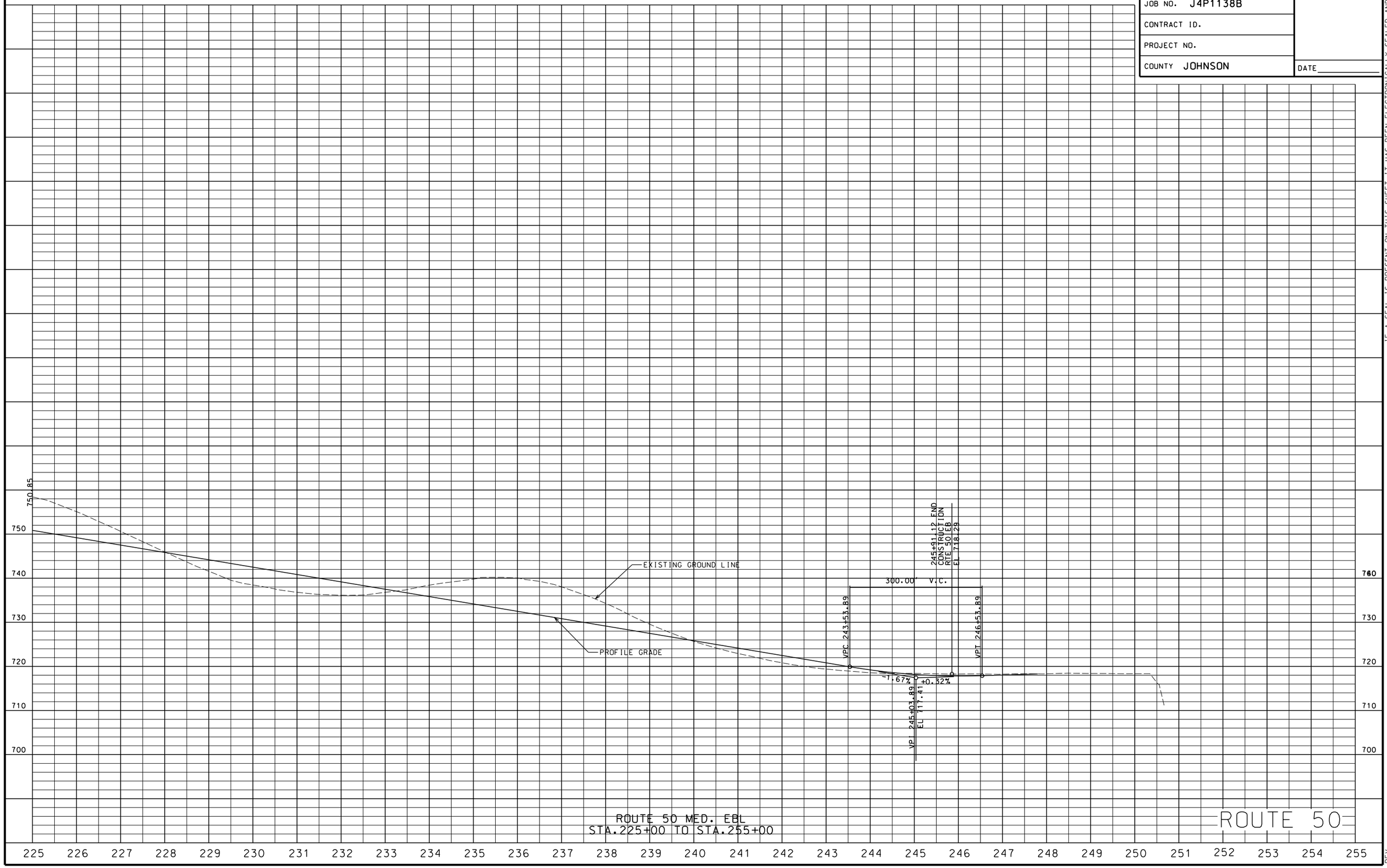
CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

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



ROUTE 50 MED. EBL
STA.225+00 TO STA.255+00

ROUTE 50

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	18

JOB NO. J4P1138B

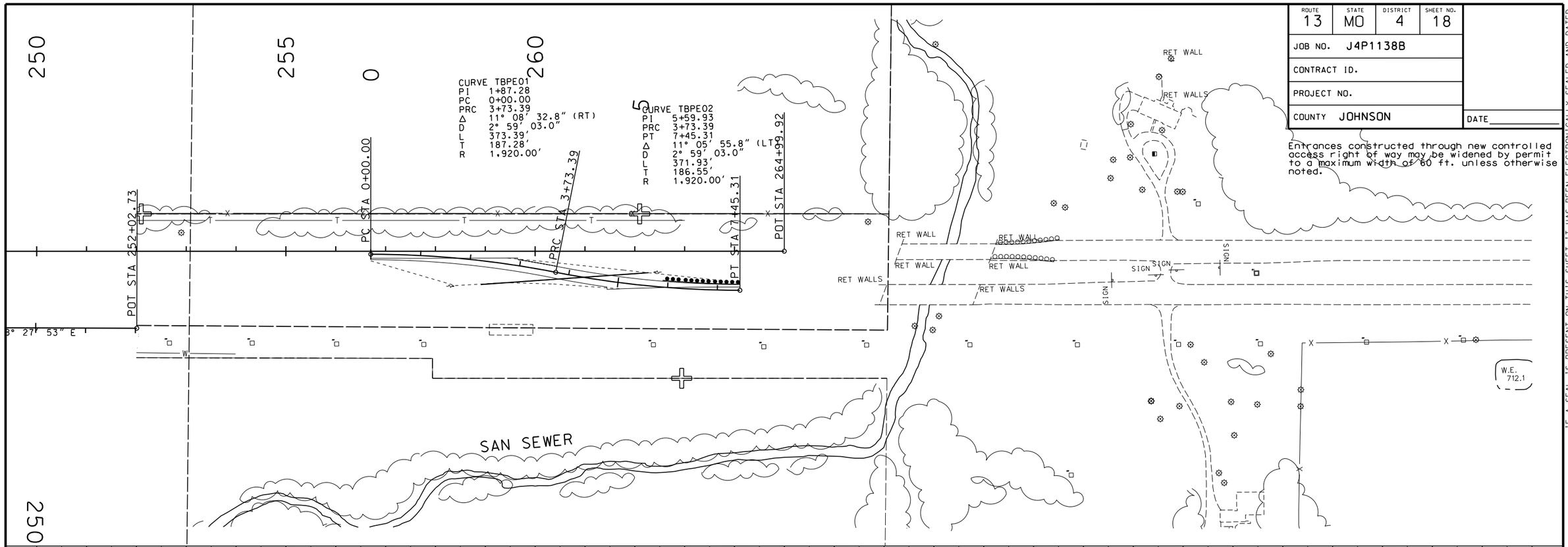
CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.



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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	19

JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

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

THIS SHEET INTENTIONALLY LEFT BLANK

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	20

JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

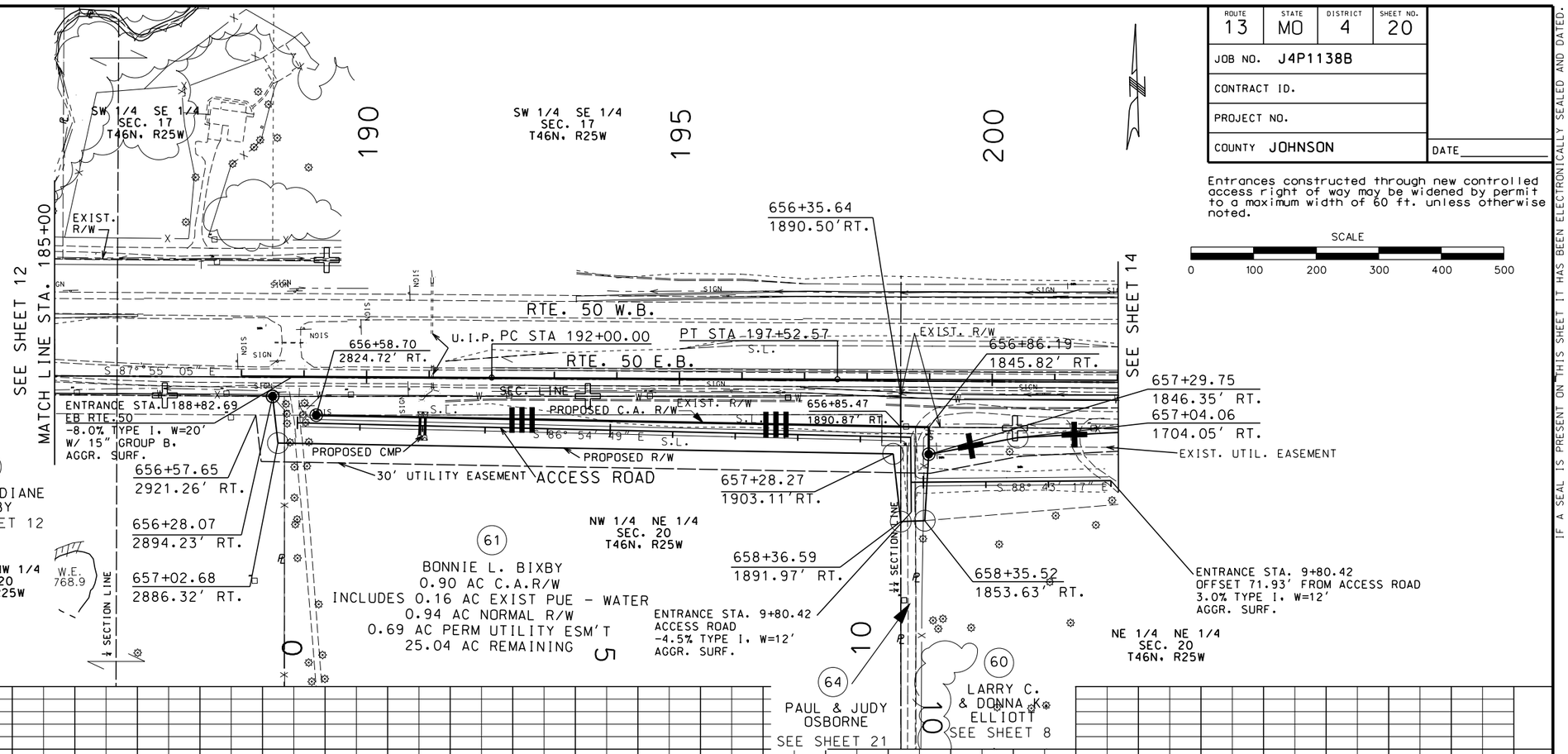
COUNTY JOHNSON

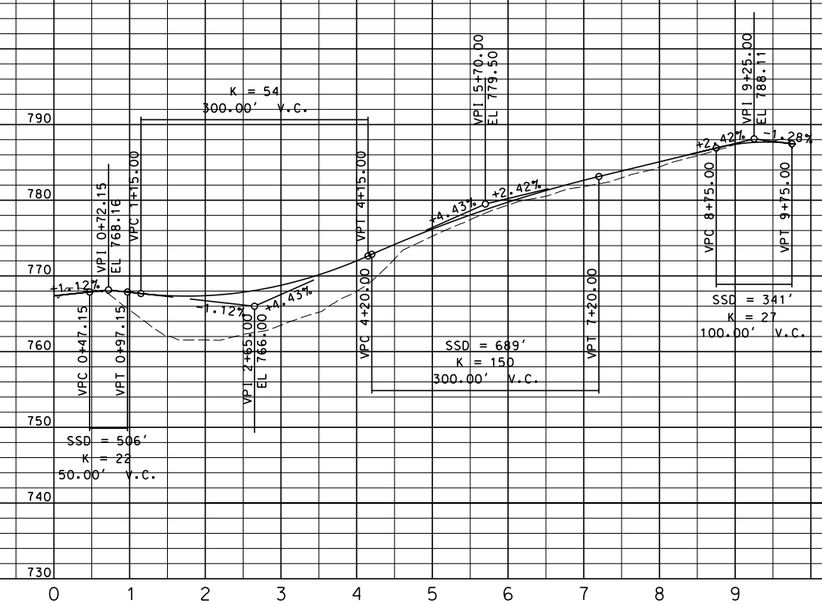
DATE

Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

SCALE

0 100 200 300 400 500





SOUTH ACCESS ROAD

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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	21

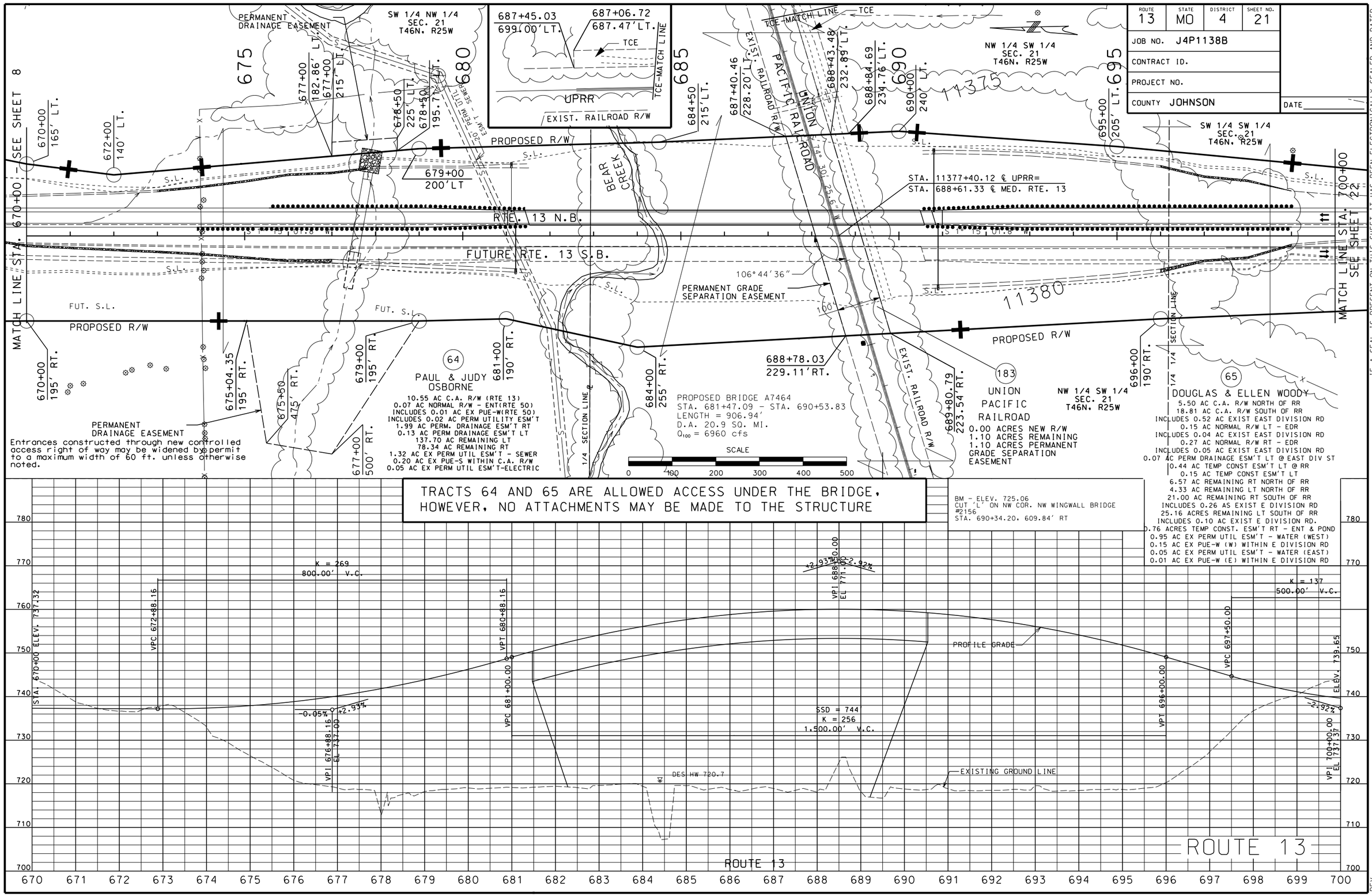
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	22

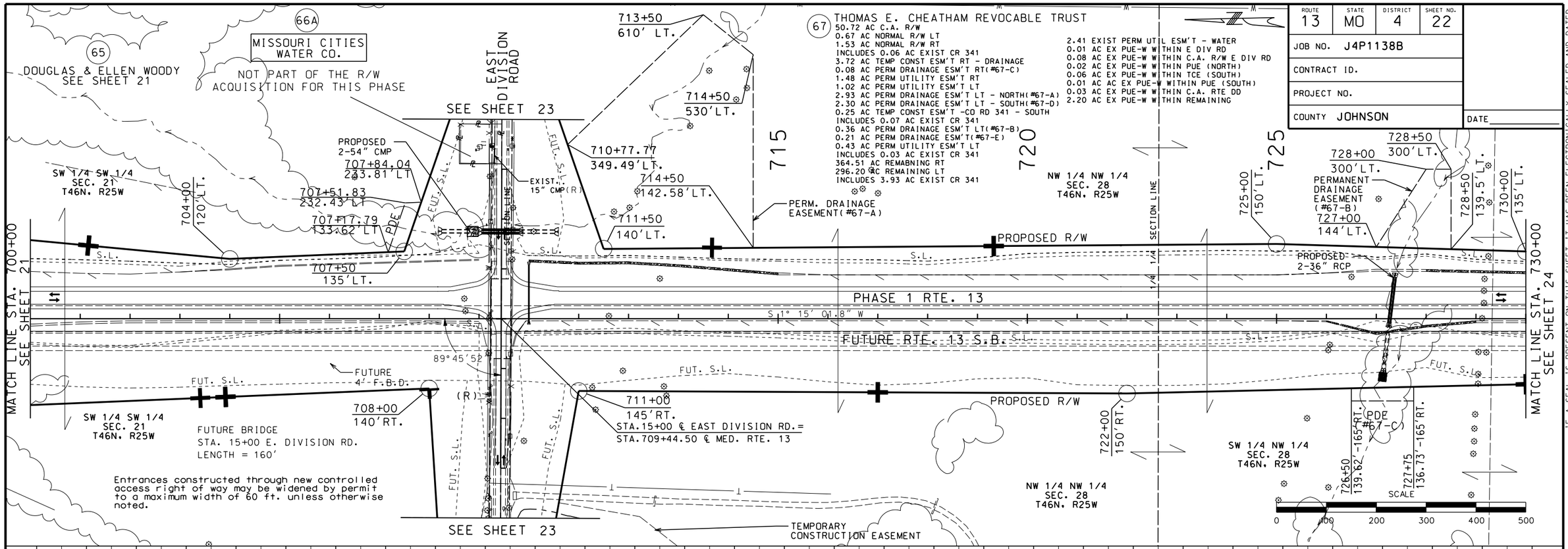
JOB NO. J4P1138B

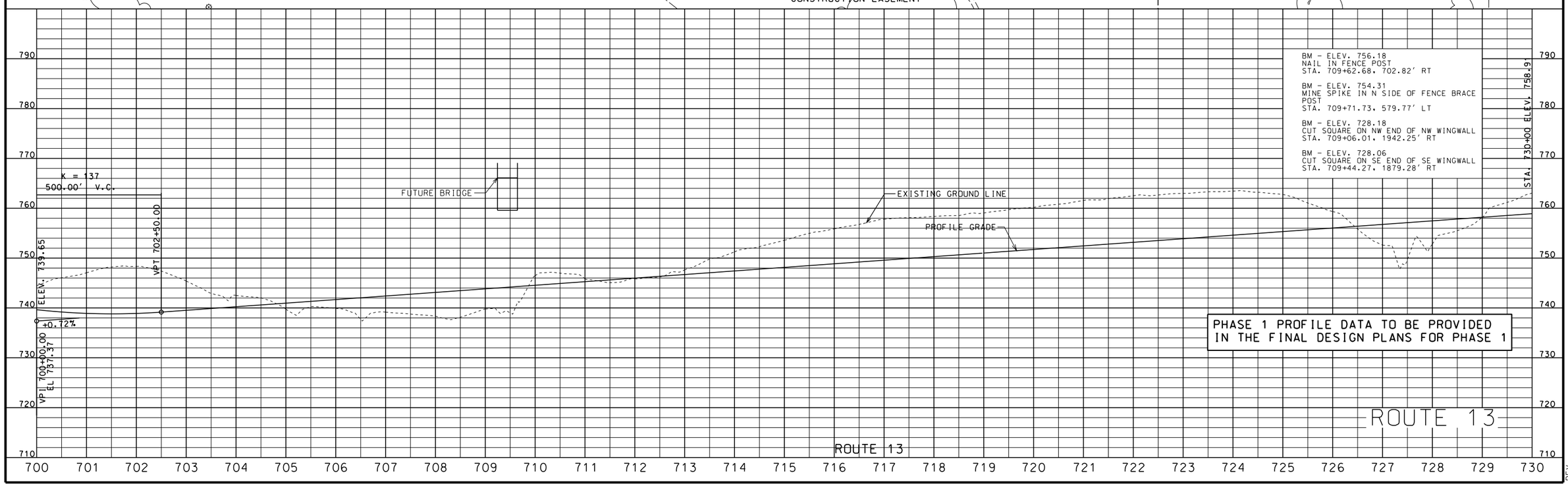
CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE





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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	23

JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

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

67 THOMAS E. CHEATHAM III TRUST SEE SHEET 22

NE 1/4 NW 1/4 SEC. 28 T46N. R25W

714+50 530'LT.
713+50 610'LT.

THOMAS E. CHEATHAM III TRUST SEE SHEET 22 715

714+50 142.58'LT.

40' EXIST. R/W CR341

PERM. DRAIN. ESM'T. (#67-A)

CO. RD. 341

PHASE 1 RTE. 13

FUTURE RTE. 13 S.B.

710+77.77 349.49'LT.

711+50 140'LT.

30' UTIL. ESM'T

710+33.71 860.02'LT.

709+79.49 1099.85'LT. 710+10.41 1099.69'LT. 710+34 1003.31'LT. 710+03.99 999.72'LT.

710+03.71 859.05'LT.

710+49.45 602.27'LT. 710+19.51 600.44'LT. 710+25.61 500.46'LT.

PROPOSED R/W

FUT. S.L.

P.U.E.

PROP. R/W

PROPOSED 2-54" CMP

EAST DIVISION RD.

N 88° 27' 45" W

SECTION LINE

711+00 145'RT.

STA.15+00 ℄ EAST DIVISION RD.= STA.709+44.50 ℄ MED. RTE. 13

710+60.15 369.33'RT.

END CONST. STA. 18+00

18+55 UIP ENT 712+22.36 397.11'RT.

NW 1/4 NW 1/4 SEC. 28 T46N. R25W

714+04.83 539.64'RT.

TEMP. CONST. ESM'T

713+90.29 798.03'RT.

NE 1/4 NE 1/4 SEC. 29 T46N. R25W

67 THOMAS E. CHEATHAM III TRUST SEE SHEET 22

DRAIN & MUCK

W.E. 735.1

710+19.51 598.17'RT.

710+13.68 920.78'RT.

710+02.35 1300.15'RT.

709+51.83 1399.96'RT.

W.E. 723.9

N 87° 43' 47" W

N 88°

EAST DIVISION RD.

ENT. STA. +54.55 -16.95% TYPE I W=20', RAD=10' NO PIPE AGGR. SURF.

709+18.33 1100.15'LT.

708+88.99 1000.30'LT.

708+54.71 684.43'LT.

708+60.55 684.69'LT.

ENT. STA. +28.22 -4.42% TYPE I W=20', RAD=10' NO PIPE AGGR. SURF.

TCE

708+58.57 610.96'LT. 708+78.28 599.67'LT.

BEGIN CONSTR STA. 9+75

708+75.61 499.66'LT.

66A MISSOURI CITIES WATER CO.
0.15 AC C.A. R/W
0.00 AC REMAINING
NOT PART OF THE R/W ACQUISITION FOR THIS PHASE

P.D.E.

707+50 135'LT.

708+00 140'RT.

708+16.19 399.44'RT.

706+67.86 398.83'RT.

707+70.06 141.87'RT

707+98.60 589.37'RT.

W.E. 729.9

DRAIN & MUCK

TEMP. CONST. ESM'T

708+35.38 707.09'RT

66B MISSOURI CITIES WATER CO.
0.18 AC NORMAL R/W
0.00 AC REMAINING
NOT PART OF THE R/W ACQUISITION FOR THIS PHASE

708+28.67 599.49'RT.

708+15.31 706.62'RT.

706+67 598.83'RT. 708+08.62 599.41'RT.

708+72.35 1299.66'RT.

SE 1/4 SE 1/4 SEC. 20 T46N. R25W

709+11.82 1399.81'RT.

SE 1/4 SW 1/4 SEC. 21 T46N. R25W

175 ANDREW J. GELBACH

0.54 AC NORMAL R/W
INCLUDES 0.28 AC EXIST E. DIVISION RD
167.76 AC REMAINING
INCLUDES 1.32 AC EXIST E. DIVISION RD
1.37 AC EX PERM UTIL ESM'T - WATER
0.17 AC EX PUE-W WITHIN R/W
1.06 AC EX PUE-W WITHIN REMAINING

CURVE E_DIV_1
PI 6+00.00
PC 5+58.69
PT 6+41.30
Δ 0° 35' 29.7" (LT)
D 0° 42' 58.3"
L 82.60'
T 41.30'
R 8,000.00'

CURVE E_DIV_2
PI 11+00.02
PC 10+62.32
PT 11+37.72
Δ 0° 32' 24.0" (RT)
D 0° 42' 58.3"
L 75.40'
T 37.70'
R 8,000.00'

65 DOUGLAS & ELLEN WOODY SEE SHEET 21

CURVE E_DIV_3
PI 22+00.01
PC 21+45.26
PT 22+54.76
Δ 0° 47' 03.2" (RT)
D 0° 42' 58.3"
L 109.50'
T 54.75'
R 8,000.00'

SW 1/4 SW 1/4 SEC. 21 T46N. R25W

65 DOUGLAS & ELLEN WOODY SEE SHEET 21

CURVE E_DIV_4
PI 26+99.82
PC 26+43.68
PT 27+55.95
Δ 0° 48' 14.7"(LT)
D 0° 42' 58.3"
L 112.27'
T 56.14'
R 8,000.00'

CURVE E_CHEC1
PI 20+84.61
PC 20+31.76
PT 21+15.96
Δ 87° 43' 02.4"(LT)
D 104° 10' 26.9"
L 84.20'
T 52.85'
R 55.00'

SCALE 0 100 200 300 400 500

142 CHARLES THOMAS & MARIE L. HUNZINGER

0.98 ACRES NORMAL R/W
INCLUDES 0.28 AC EXIST E. DIVISION
214.40 AC REMAINING
INCLUDES 1.12 AC EXIST E. DIVISION
1.12 AC EX PERM UTIL ESM'T - WATER
1.12 AC EX PUE-W WITHINE DIVISION RD

LEGAL LAND TIE
NOT TO SCALE

¼ CORNER SEC. 21 & 28, T46N, R25W JOHNSON COUNTY

FOUND TYPE C MONUMENT AT ¼ CORNER OF SEC. 21 & 28, T46N, R25W BY THOMAS A. KING R.L.S. 921, SEE MO D.N.R. DOCUMENT 600-47073.

2095.46'

700 705 710 715 720

POT STA. 709+44.57

℄ ROUTE 13 S1°15'01.8"W

S88°34'33"E 708.30'

COMMON CORNER SEC. 20., 21, 28 & 29, T46N, R25W JOHNSON COUNTY

FOUND TYPE C MONUMENT AT COMMON CORNER OF SEC. 20, 21, 28 & 29, T46N, R25W BY THOMAS A. KING R.L.S. 921, SEE MO D.N.R. DOCUMENT 600-42973.

350.00' V.C.

VPC 9+75.00

VPT 13+25.00

VPI 14+58.00 EL 744.39

VPI 16+50.00 EL 743.95

739.54

PHASE 1 GRADE

+2.00% -0.00% +0.00% +0.00% -2.94% -6.10% +2.00%

VPI 11+50.00 EL 738.24

VPI 14+80.00

VPC 15+00.00 +0.00%

VPT 18+00.00

EXISTING GROUND LINE

300.00' V.C.

EAST DIVISION RD.

760 750 740 730 720 710

770 760 750 740 730 720

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	24

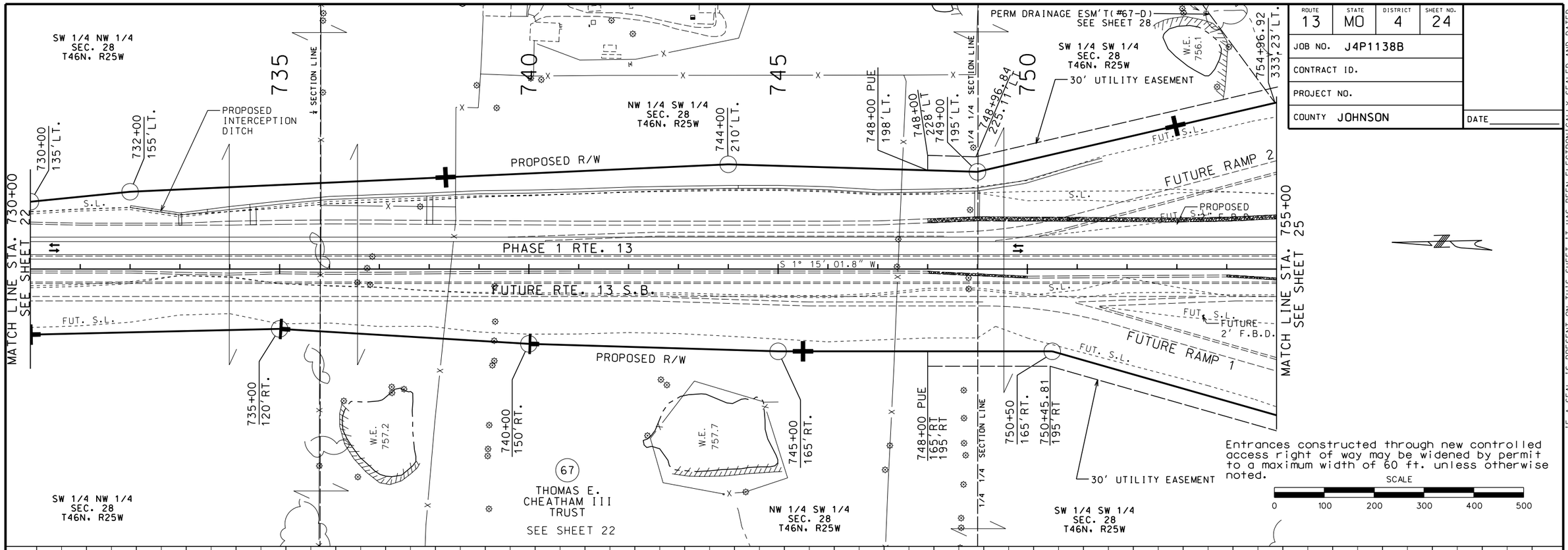
JOB NO. J4P1138B

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

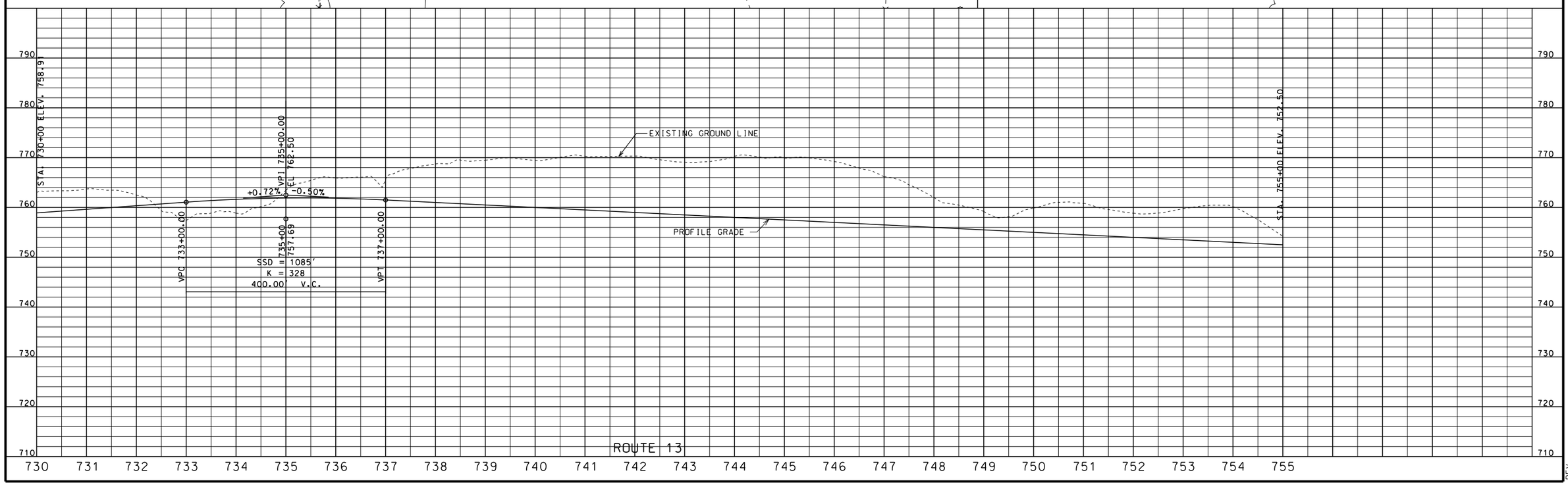
DATE



Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

SCALE

0 100 200 300 400 500



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

REV.

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	25

JOB NO. J4P1138C

CONTRACT ID.

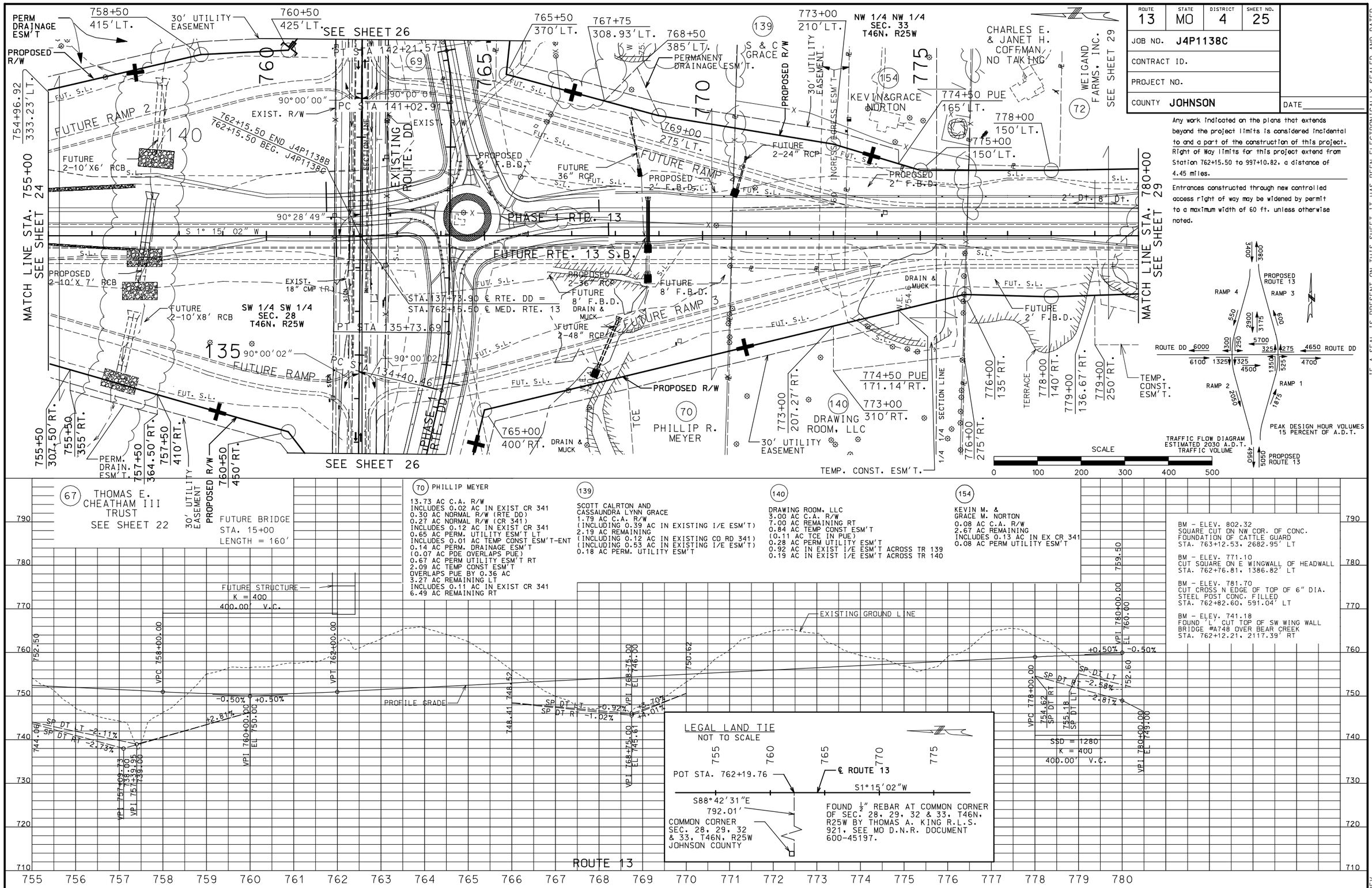
PROJECT NO.

COUNTY JOHNSON

DATE

Any work indicated on the plans that extends beyond the project limits is considered incidental to and a part of the construction of this project. Right of Way limits for this project extend from Station 762+15.50 to 997+10.82, a distance of 4.45 miles.

Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.



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

REV.

025pp_i100_j4p1138.dgn 08:04:54 AM 08/12/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	26

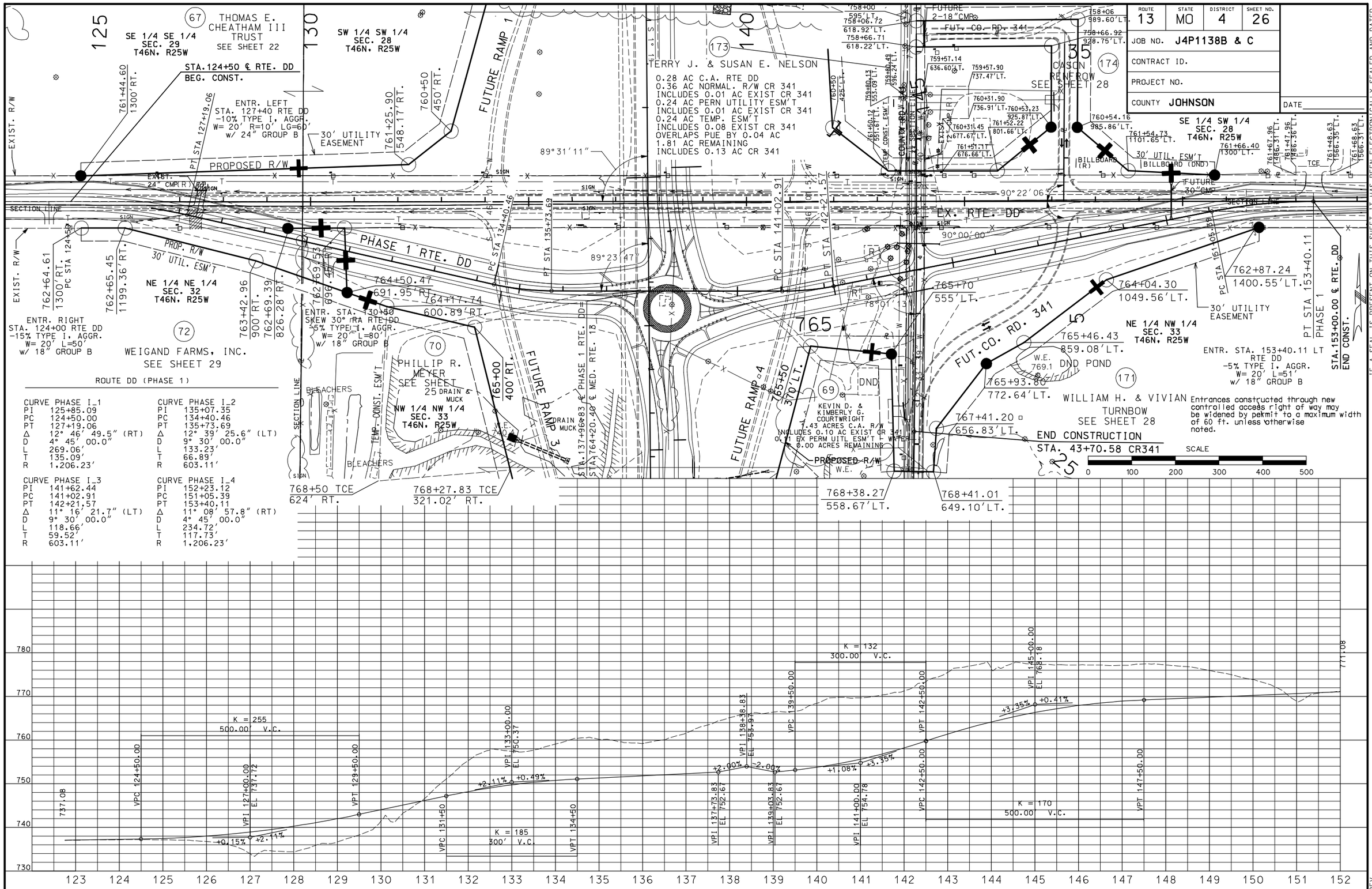
JOB NO. J4P1138B & C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



ROUTE DD (PHASE 1)

CURVE PHASE I_1		CURVE PHASE I_2	
PI	125+85.09	PI	135+07.35
PC	124+50.00	PC	134+40.46
PT	127+19.06	PT	135+73.69
Δ	12° 46' 49.5" (RT)	Δ	12° 39' 25.6" (LT)
D	4° 45' 00.0"	D	9° 30' 00.0"
L	269.06'	L	133.23'
T	135.09'	T	66.89'
R	1,206.23'	R	603.11'

CURVE PHASE I_3		CURVE PHASE I_4	
PI	141+62.44	PI	152+23.12
PC	141+02.91	PC	151+05.39
PT	142+21.57	PT	153+40.11
Δ	11° 16' 21.7" (LT)	Δ	11° 08' 57.8" (RT)
D	9° 30' 00.0"	D	4° 45' 00.0"
L	118.66'	L	234.72'
T	59.52'	T	117.73'
R	603.11'	R	1,206.23'

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

REV.

026pp_i100_j4p1138.dgn 10:50:28 AM 07/28/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	27

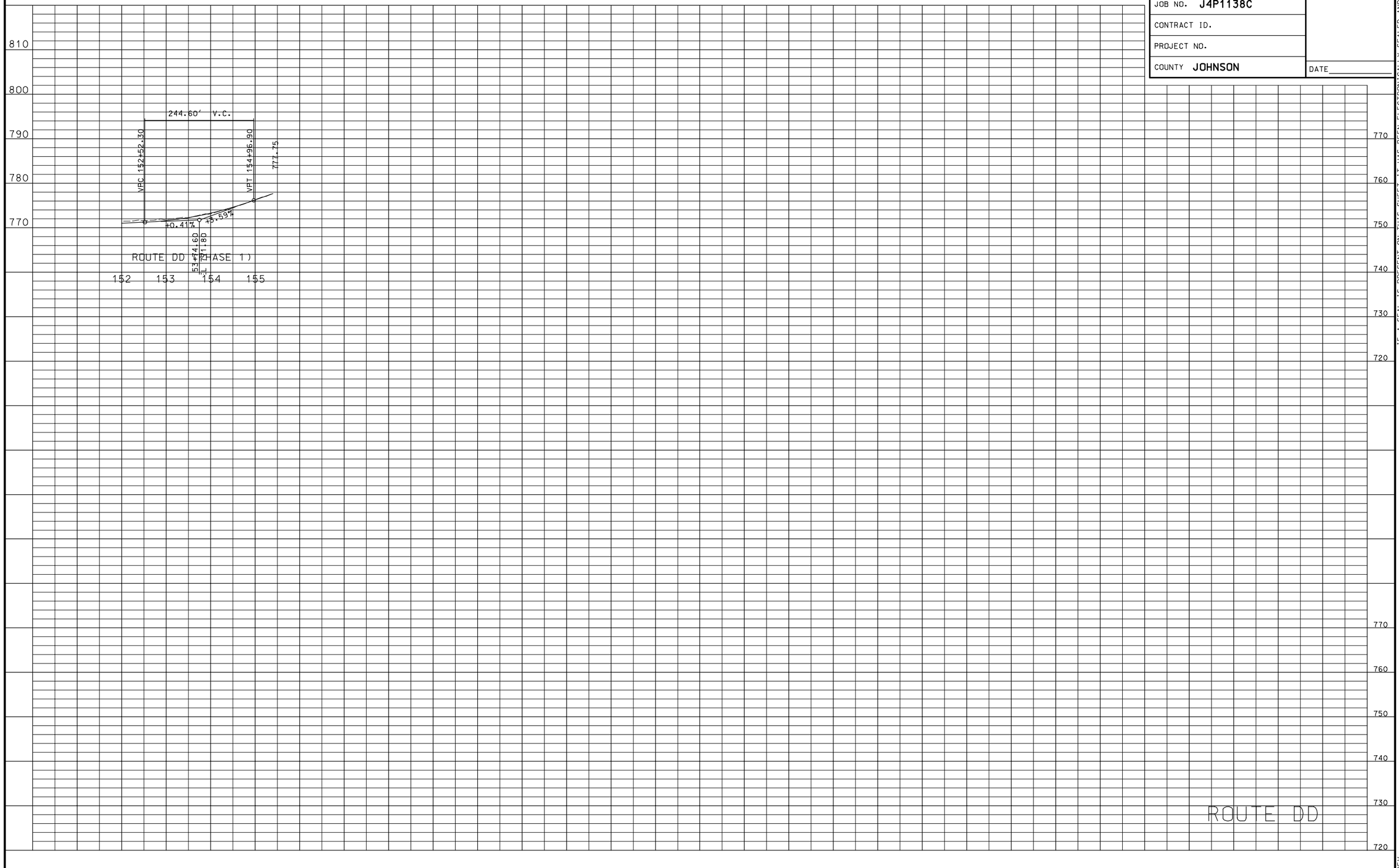
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

027pr_i100_j4p1138.dgn 02:39:17 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	28

JOB NO. J4P1138B & C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

SCALE

0 100 200 300 400 500

FUTURE CO. ROAD 341

PI	16+24.32
PC	15+98.95
PT	16+38.59
Δ	90° 50' 48.2" (RT)
D	229° 10' 59.2"
L	39.64'
T	25.37'
R	25.00'

Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

SEE SHEET 26 FOR STA./OFFSET & BEAR. / DIST FOR TRACT 173 & 174

CASON R. & JENNIFER G. RENFROW (174)
0.26 AC C.A. R/W RTE DD
0.15 AC NORMAL R/W CR 341
0.37 AC PERM UTILITY ESM'T
0.04 AC TEMP CONST ESM'T
2.82 AC REMAINING
0.16 AC EXIST ACCESS ESM'T
0.02 AC EX ACC ESM'T WITHIN RTE DD
0.001 AC EX ACC ESM'T WITHIN

FUTURE 30" RCP

STA. 147+27.18
℄ RTE. DD =
STA. 19+99.82
℄ CO. RD. 341

BILLBOARD (R)

30' UTILITY EASEMENT

MARK & DONNA OTTER (168)
0.26 ACRES NORMAL R/W
INCL 0.01 AC EX CR 341
12.12 ACRES REMAINING
INCL 0.15 AC EX CR 341
0.30 ACRES PERM UTILITY ESM'T
INCL 0.01 AC EX CR 341

SE 1/4 SW 1/4
SEC. 28
T46N, R25W

EXIST. CMP (LIP)

PERM. DRAIN. ESM'T

TERRY J. & SUSAN E. NELSON (173) SEE SHEET 26

TO BE CONSTRUCTED BY OTHERS
STA. 36+16.62
L=47.57', TYPE I, W= 34 R=20'
w/ 15" GROUP B, AGGR. SURF.

30' UE

FUTURE S.L.

89°09'29"

90°00'00"

90°22'06"

SECTION LINE

COUNTY RD. 341

753+00
600'LT.

PERMANENT DRAINAGE EASEMENT

THOMAS E. CHEATHAM III TRUST (67) SEE SHEET 22

SW 1/4 SW 1/4
SEC. 28
T46N, R25W

30' UTILITY EASEMENT

749+00
195'LT.

1/4 1/4 SEC LINE

758+00
595'LT.
STA 12+83.78 (FUTURE)=
STA 34+59.32 CR341

TEMP. CONST. ESM'T.

PERM. DRAIN. ESM'T

EXIST. 12" CMP (R)

760+50
425'LT.

PROPOSED R/W

754+96.92
333.23'LT.

FUTURE RAMP 2

FUTURE S.L.

EXIST. R/W

SEC. LINE

PROPOSED R/W 150

764+04.30
1049.56'LT.

765+46.43
859.08'LT.
765+93.80
772.64'LT.

FUTURE CO. ROAD 341

PI 21+86.56	PI 25+46.68
PC 20+40.00	PC 24+03.68
PT 23+05.11	PT 26+62.47
Δ 60° 45' 35.1" (RT)	Δ 59° 32' 16.9" (LT)
D 22° 55' 05.9"	D 22° 55' 05.9"
L 265.11'	L 259.78'
T 146.56'	T 143.00'
R 250.00'	R 250.00'

FUT. CO. RD. 341

PHASE 1 RTE. DD

DND POND

30' UTILITY EASEMENT

767+41.20
656.83'LT.

768+41.01
649.10'LT.

END CONSTRUCTION
STA. 43+70.58
PHASE 1 CR341

768+38.27
558.67'LT.

NE 1/4 NW 1/4
SEC. 33
T46N, R25W

WILLIAM H. & VIVIAN TURNBOW (171)
3.04 AC C.A. R/W (RTE DD)
INCLUDES 0.14 AC IN EXIST CR 341
0.54 AC NORMAL R/W (CR 341)
INCLUDES 0.12 AC IN EXIST CR 341
0.67 AC PERM. UTILITY ESM'T
79.70 AC REMAINING
INCLUDEDS 1.57 AC IN EXIST CR 341
0.94 AC EXIST PERM UTIL ESM'T - WATER
0.01 AC EX PUE-W WITHIN CR 341
0.008 AC EX PUE-W WITHIN NORMAL R/W
0.92 WITHIN REMAINING

1/4 1/4 SEC LINE

COUNTY RD. 341

765+00
555'LT.

KEVIN D. & KIMBERLY G. COURTWRIGHT (69) SEE SHEET 26

DND

TCE

767+28.15
551.16'LT.

PHILLIP R. MEYER (70) SEE SHEET 25

768+50
385'LT.

PERMANENT DRAINAGE ESM'T.

ENT. STA. 43+25 (CR 341)
+6.00 TYPE I, W= 24'
w/ 18" GROUP B, AGGR. SURF.

NW 1/4 NW 1/4
SEC. 33
T46N, R25W

30' UTILITY EASEMENT

S & C GRACE (139) SEE SHEET 25

K & G NORTON (154) SEE SHEET 25

765+50
370'LT.

767+75
808.93'LT.

FUTURE RAMP 4

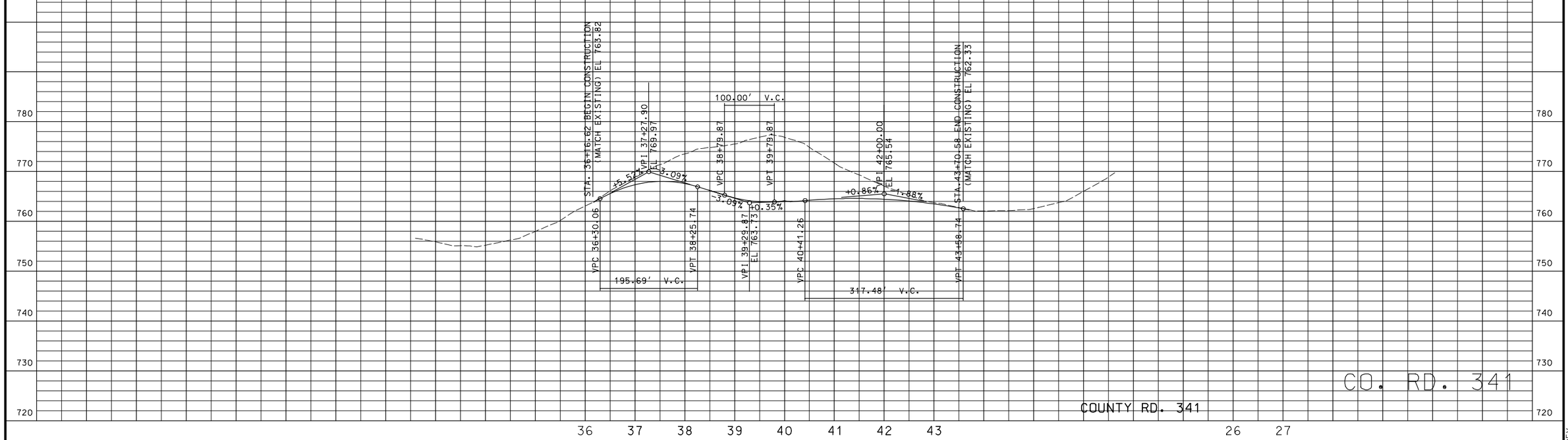
FUTURE S.L.

769+00
275'LT.

PROPOSED R/W

FUTURE S.L.

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



REV.

028pp_i100_j4p1138.dgn 08:17:24 AM 08/12/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	29

JOB NO. J4P1138C

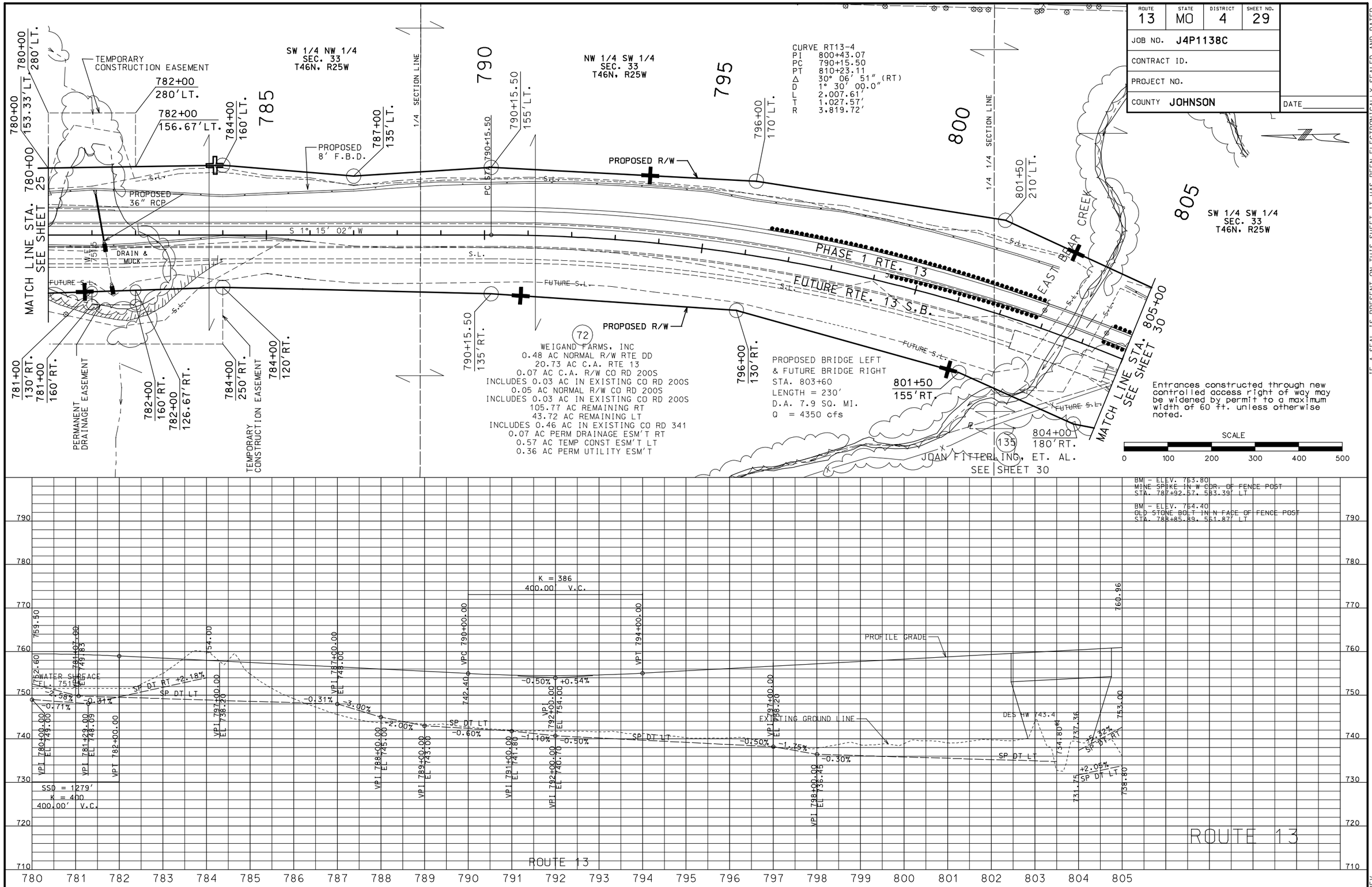
CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

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



REV.

029pp_i100_j4p1138.dgn 02:49:33 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	30

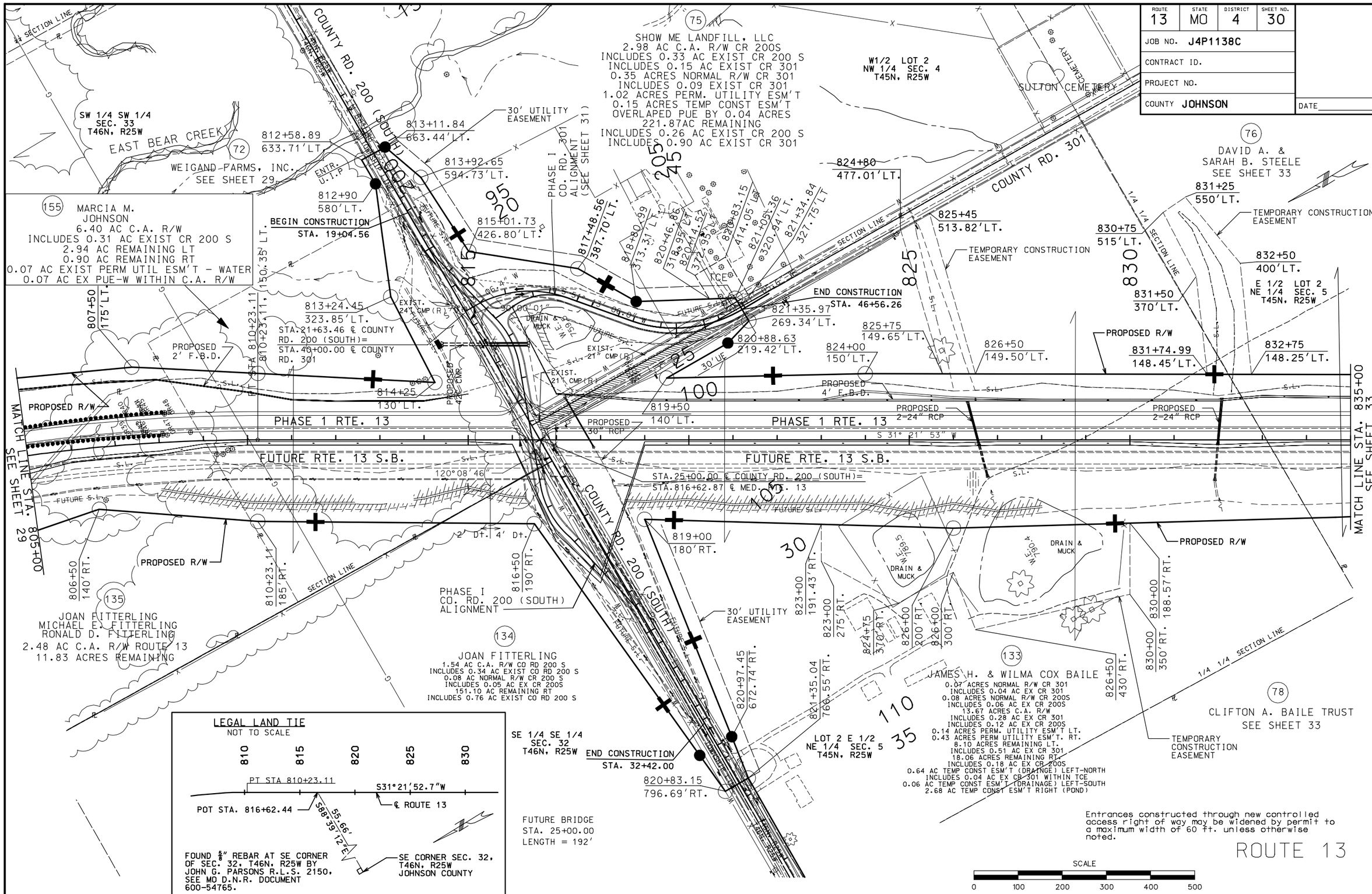
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



ROUTE 13

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

REV.

d:\pwise_local\NASHA\dms59460\030pp_i100_j4p1138.dgn 07:18:47 AM 06/06/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	31

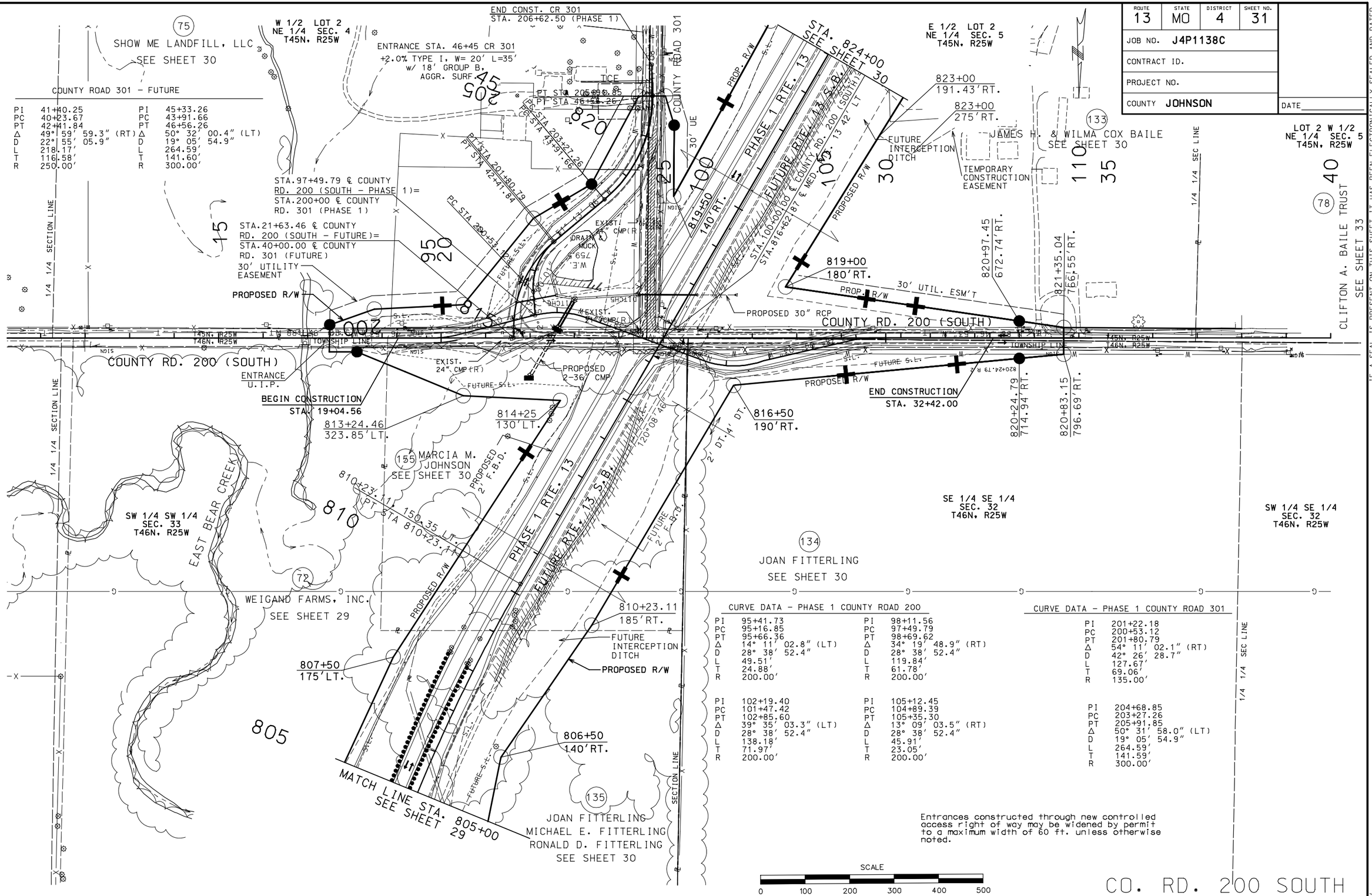
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



CURVE DATA - PHASE 1 COUNTY ROAD 200

PI	95+41.73	PI	98+11.56
PC	95+16.85	PC	97+49.79
PT	95+66.36	PT	98+69.62
Δ	14° 11' 02.8" (LT)	Δ	34° 19' 48.9" (RT)
D	28° 38' 52.4"	D	28° 38' 52.4"
L	49.51'	L	119.84'
T	24.88'	T	61.78'
R	200.00'	R	200.00'

PI	102+19.40	PI	105+12.45
PC	101+47.42	PC	104+89.39
PT	102+85.60	PT	105+35.30
Δ	39° 35' 03.3" (LT)	Δ	13° 09' 03.5" (RT)
D	28° 38' 52.4"	D	28° 38' 52.4"
L	138.18'	L	45.91'
T	71.97'	T	23.05'
R	200.00'	R	200.00'

CURVE DATA - PHASE 1 COUNTY ROAD 301

PI	201+22.18
PC	200+53.12
PT	201+80.79
Δ	54° 11' 02.1" (RT)
D	42° 26' 28.7"
L	127.67'
T	69.06'
R	135.00'

PI	204+68.85
PC	203+27.26
PT	205+91.85
Δ	50° 31' 58.0" (LT)
D	19° 05' 54.9"
L	264.59'
T	141.59'
R	300.00'

Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

CO. RD. 200 SOUTH

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

REV.

031pl_i100_j4p1138.dgn 02:49:56 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	32

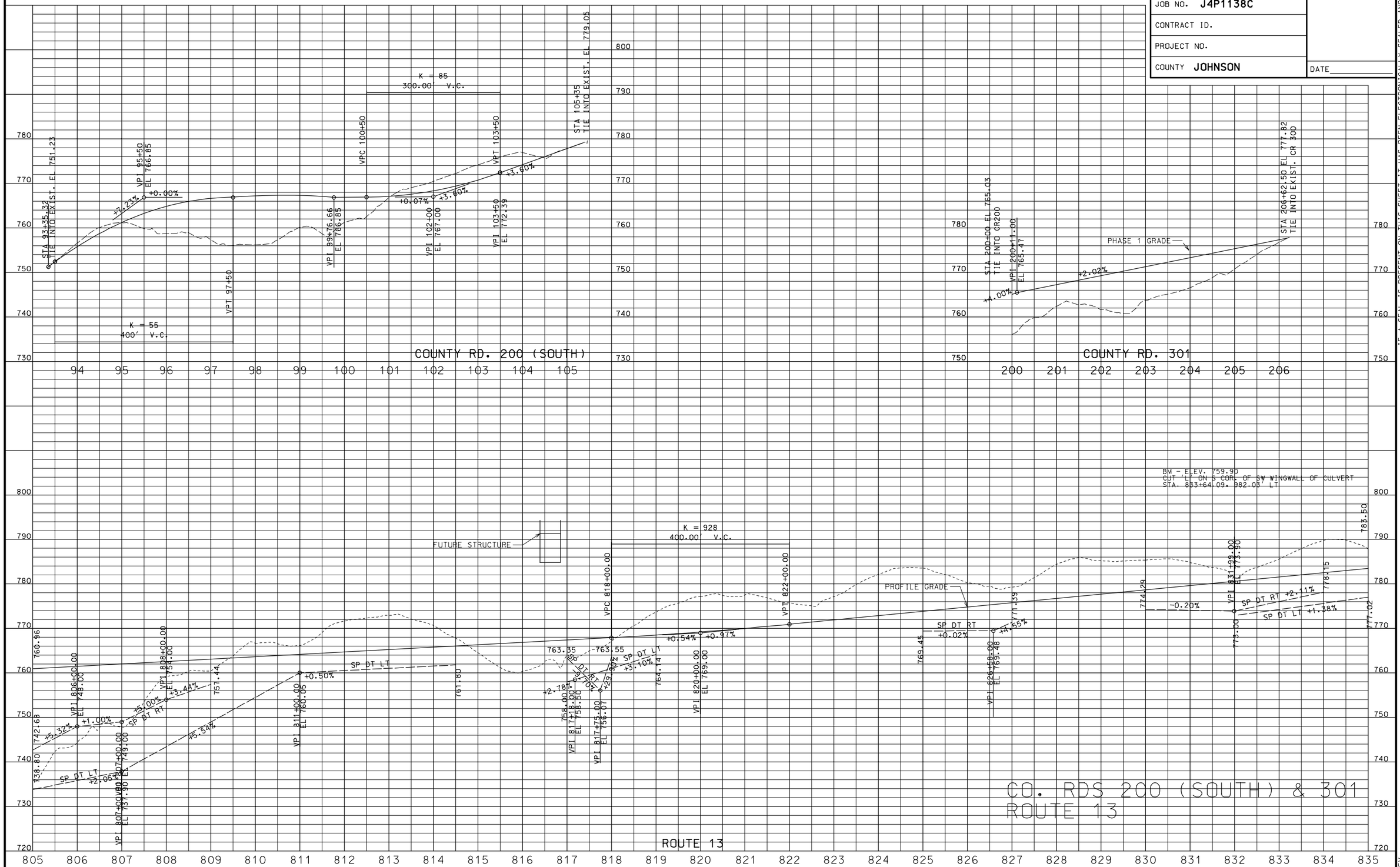
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	33

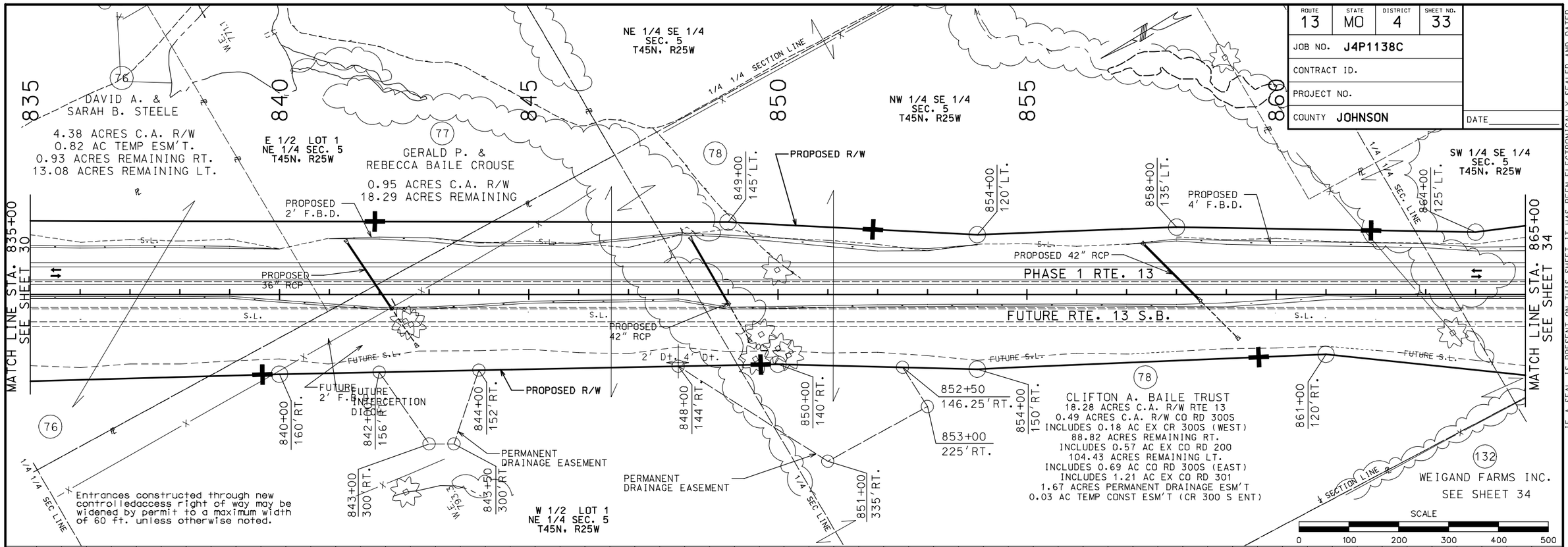
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	34

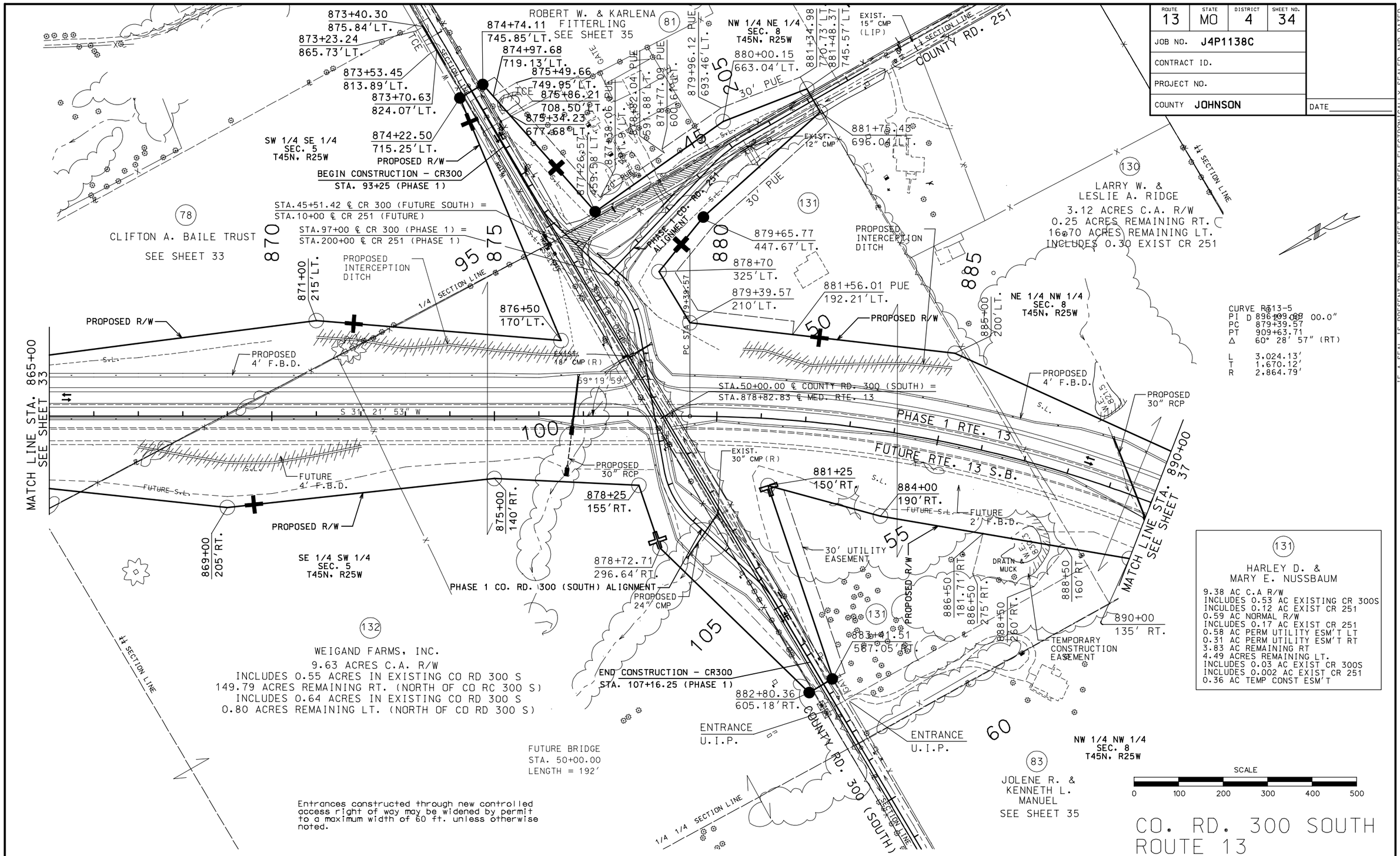
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

CO. RD. 300 SOUTH
ROUTE 13

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

REV.

034pp_i100_j4p1138.dgn 02:52:17 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	35

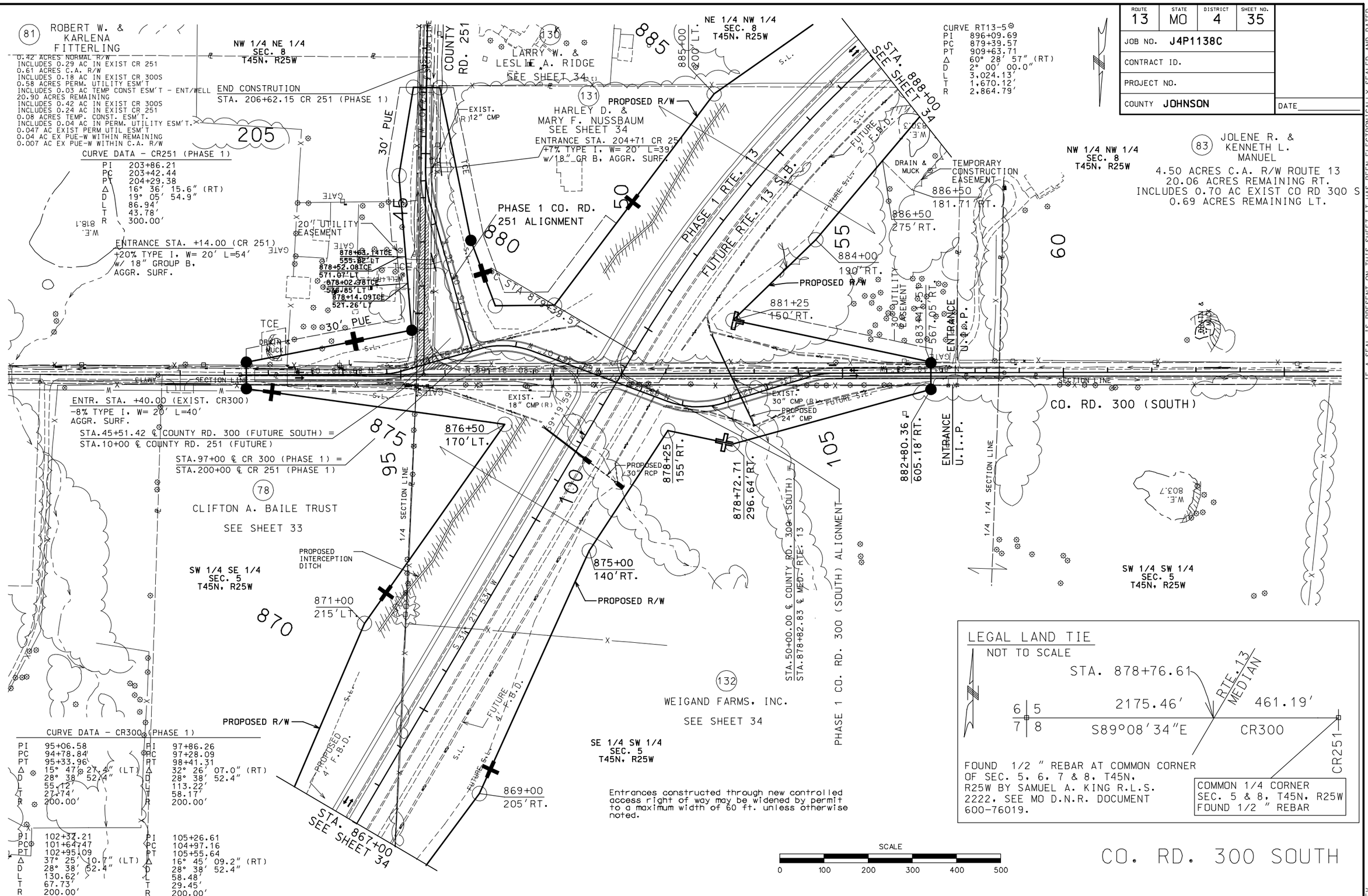
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	36

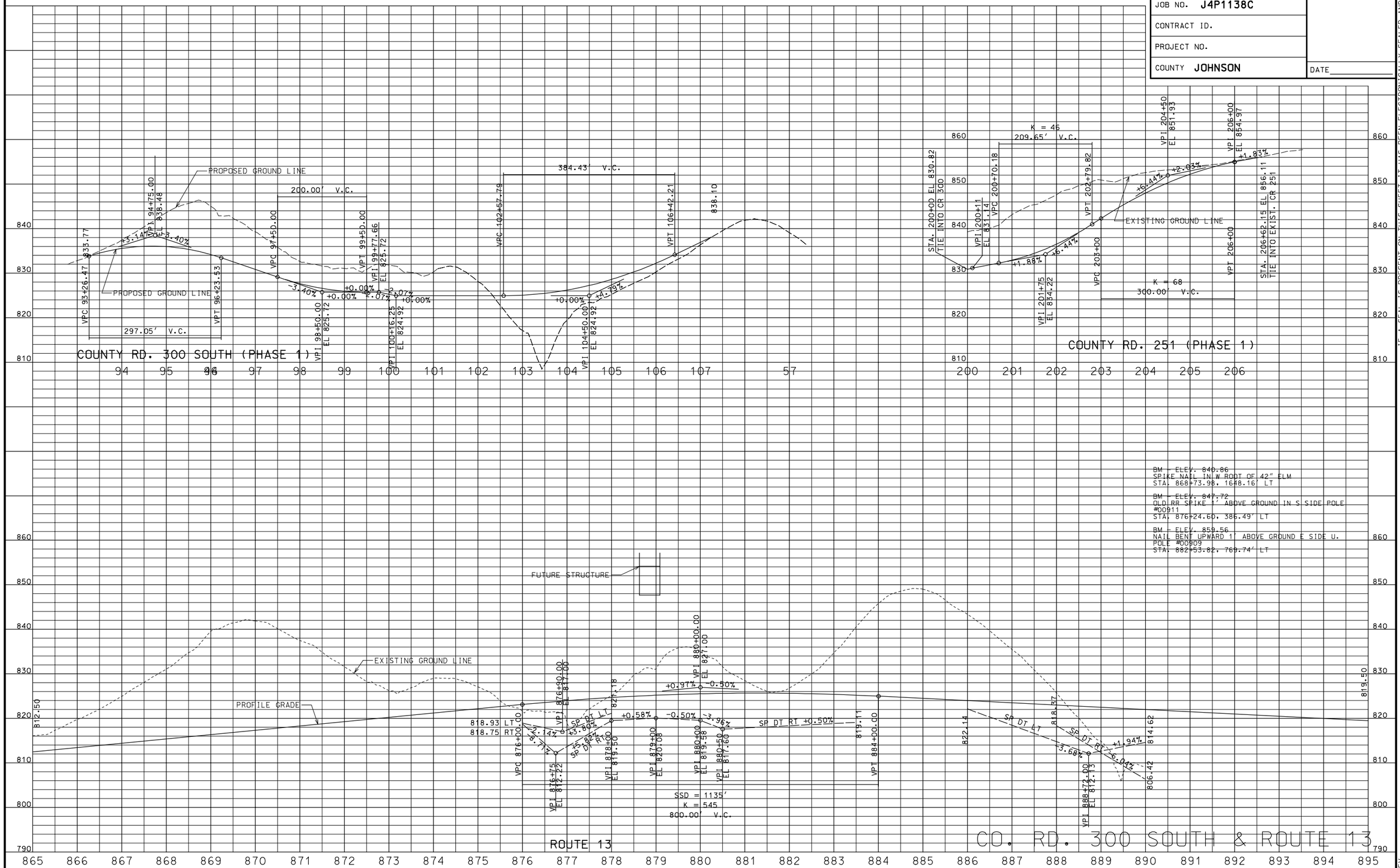
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	37

JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

CURVE RT13-5
PI 896+09.69
PC 879+39.57
PT 909+63.71
Δ 60° 28' 57.7" (RT)
D 2° 00' 00.0"
L 3,024.13'
T 1,670.12'
R 2,864.79'

(130) LARRY W. & LESLIE A. RIDGE
SEE SHEET 34

NE 1/4 NW 1/4 SEC. 8 T45N, R25W

(85) SARAH ROSE BAILEY, FRANKLIN BAILEY, & MICHAEL BAILEY
2.95 ACRES C.A. R/W ROUTE 13
64.70 ACRES REMAINING
INCLUDES 0.49 AC EXIST CR 350
AND
INCLUDES 0.75 AC EXIST CR 251

PROPOSED R/W

SW 1/4 NW 1/4 SEC. 8 T45N, R25W

(84) STEVEN A. & JULIE L. ALLEY
2.47 ACRES C.A. R/W
9.98 ACRES REMAINING

WEST BEAR CREEK

(93) BRUCE L. & NORMA J. WHITING
2.42 ACRES C.A. R/W
0.10 ACRES REMAINING RT.
7.66 ACRES REMAINING LT.
INCLUDES 0.15 AC EXIST CR 350

(95) KRISTY LEE MOORE
SEE SHEET 38

PHASE 1 RTE. 13

FUTURE RTE. 13 S.B.

PROPOSED 2' F.B.D.

PROPOSED BRIDGE
STA. 902+02.73 TO 905+22.58
SKEW=0°
D.A. 2.65 SQ. MI.
Q = 2388 cfs

SE 1/4 NE 1/4 SEC. 7 T45N, R25W

PT STA 909+63.71

MATCH LINE STA. 34 SEE SHEET 34

MATCH LINE STA. 910+00 SEE SHEET 38

(83) JOLENE R. & KENNETH L. MANUEL
SEE SHEET 35

NW 1/4 NW 1/4 SEC. 8 T45N, R25W

(82) WEIGAND FARMS, INC.
1.93 AC C.A. R/W
12.47 AC REMAINING RT.
INCLUDES 0.22 AC EXIST CR 300 S

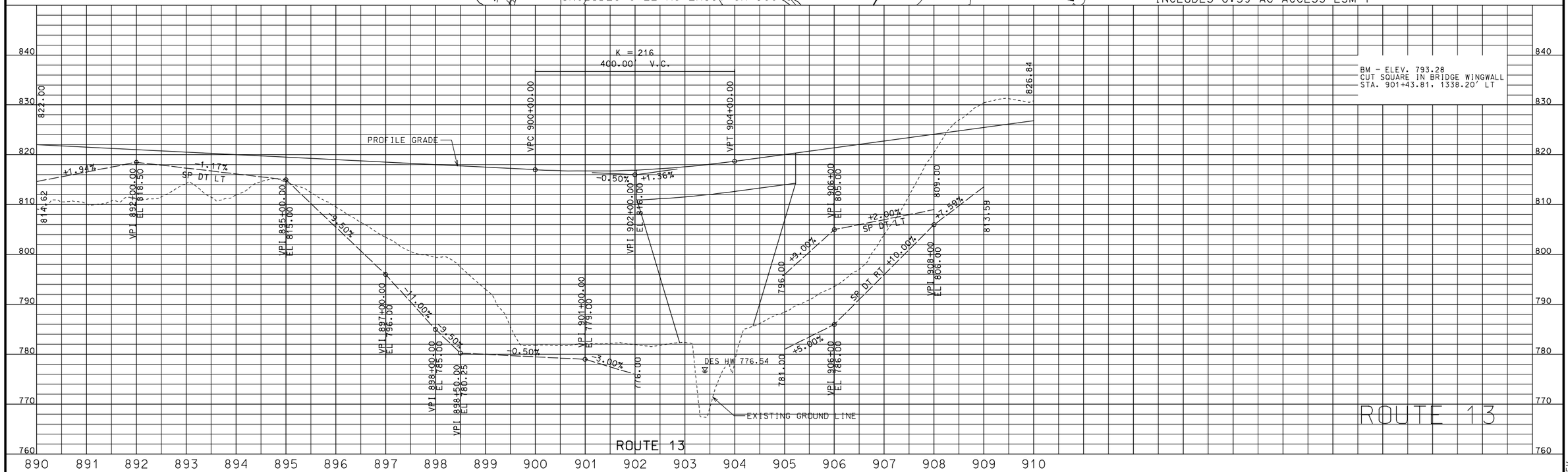
NE 1/4 NE 1/4 SEC. 7 T45N, R25W

(141) ROBERT W. & SHARON R. MUIR
0.10 ACRES C.A. R/W
13.03 ACRES REMAINING
INCLUDES 0.59 AC ACCESS ESM'T

Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

SCALE 0 100 200 300 400 500

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



037pp_i100_j4p1138.dgn 02:52:42 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	38

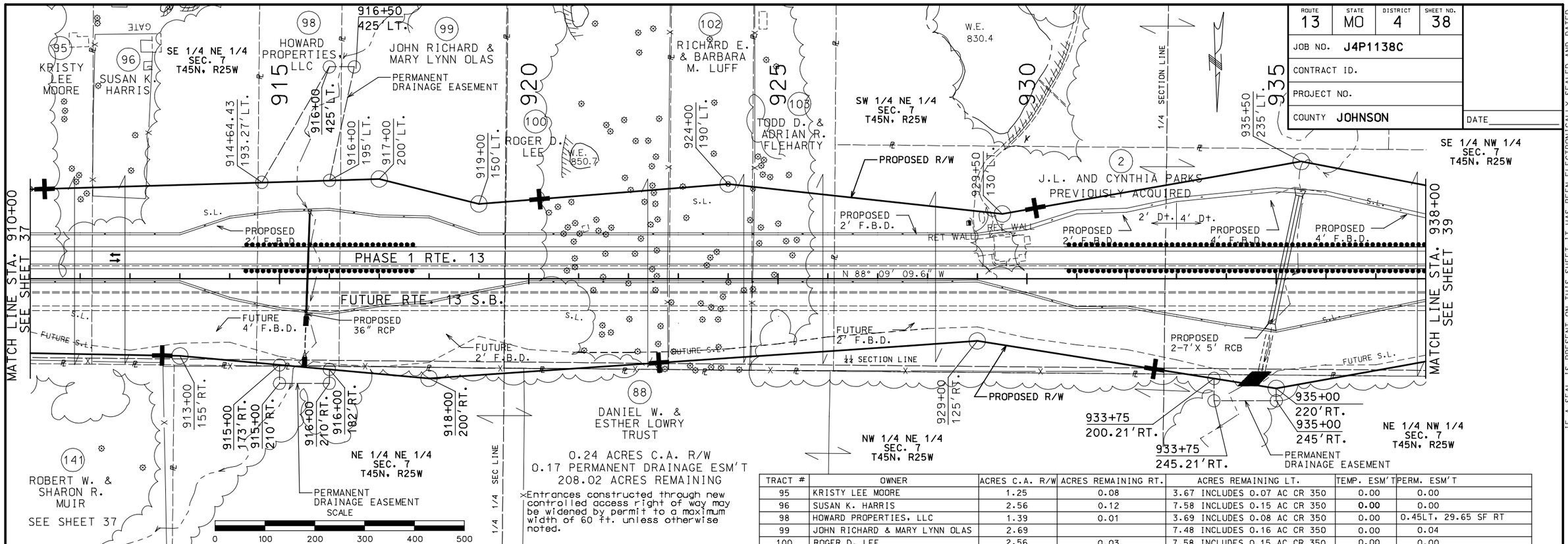
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

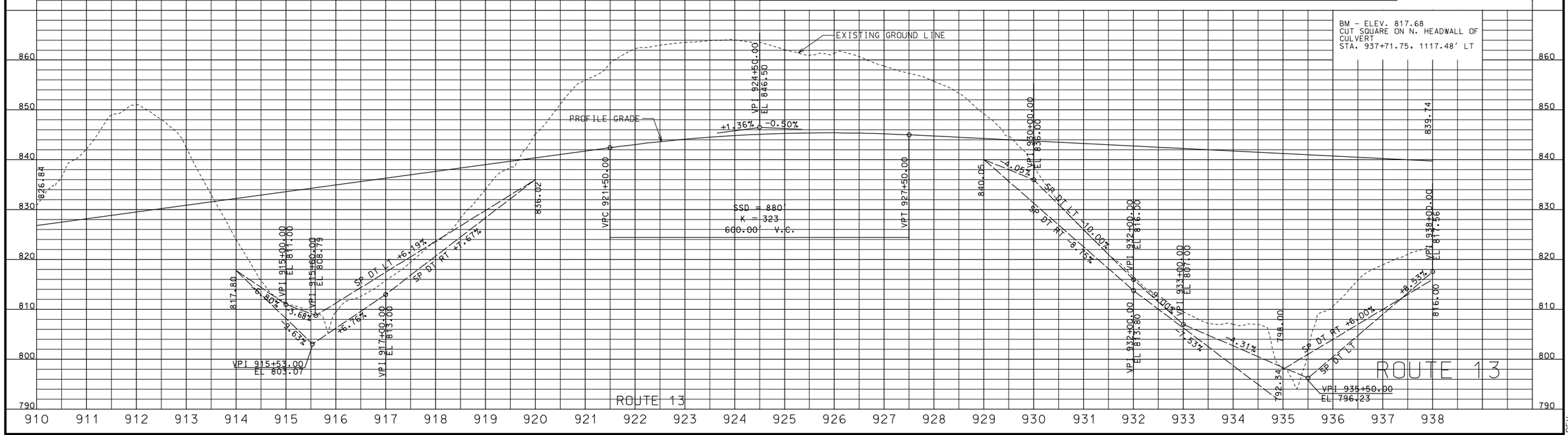
COUNTY JOHNSON

DATE



Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

TRACT #	OWNER	ACRES C.A. R/W	ACRES REMAINING RT.	ACRES REMAINING LT.	TEMP. ESM'T	PERM. ESM'T
95	KRISTY LEE MOORE	1.25	0.08	3.67 INCLUDES 0.07 AC CR 350	0.00	0.00
96	SUSAN K. HARRIS	2.56	0.12	7.58 INCLUDES 0.15 AC CR 350	0.00	0.00
98	HOWARD PROPERTIES, LLC	1.39	0.01	3.69 INCLUDES 0.08 AC CR 350	0.00	0.45LT, 29.65 SF RT
99	JOHN RICHARD & MARY LYNN OLAS	2.69		7.48 INCLUDES 0.16 AC CR 350	0.00	0.04
100	ROGER D. LEE	2.56	0.03	7.58 INCLUDES 0.15 AC CR 350	0.00	0.00
102	RICHARD E. & BARBARA M. LUFF	1.32	0.08	3.68 INCLUDES 0.08 AC CR 350	0.00	0.00
103	TODD D. & ADRIAN R. FLEHARTY	1.24	0.08	3.72 INCLUDES 0.08 AC CR 350	0.00	0.00
2	MHTC from J.L. & CYNTHIA PARKS	10.44	0.84	2.59	0.00	0.00



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

REV.

038pp_i100_j4p1138.dgn 02:53:15 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	39

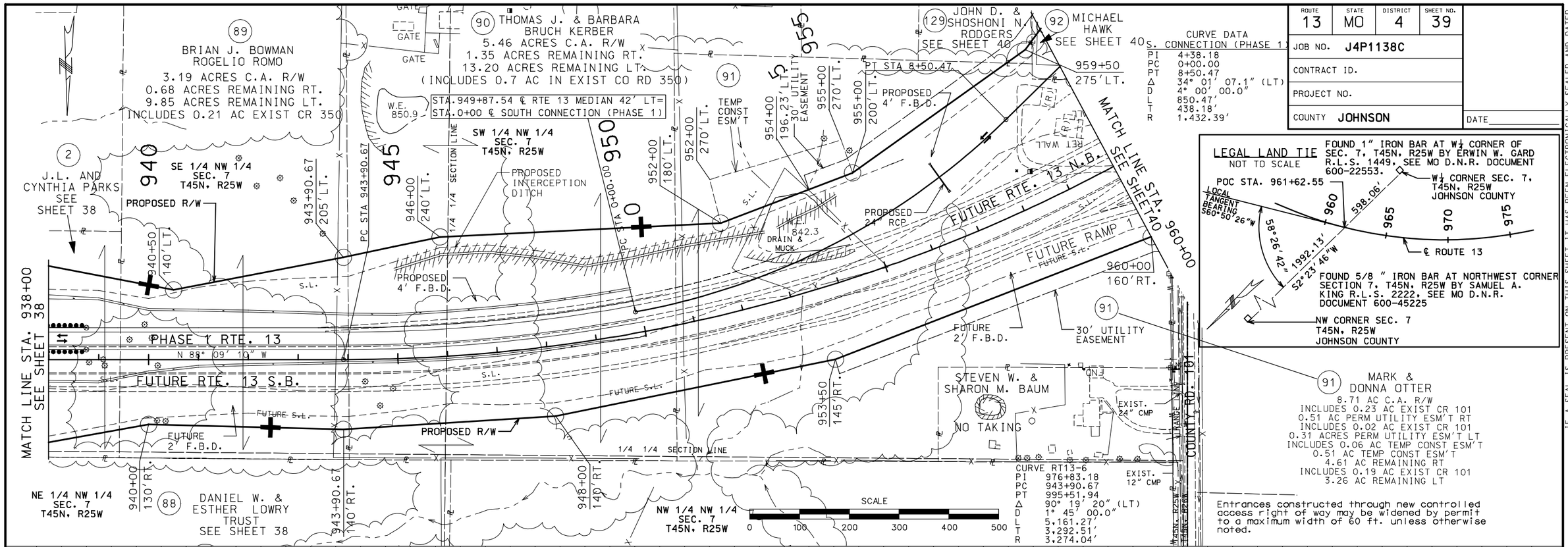
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



CURVE DATA
S. CONNECTION (PHASE 1)

PI	4+38.18
PC	0+00.00
PT	8+50.47
Δ	34° 01' 07.1" (LT)
D	4° 00' 00.0"
L	850.47'
T	438.18'
R	1,432.39'

CURVE RT13-6

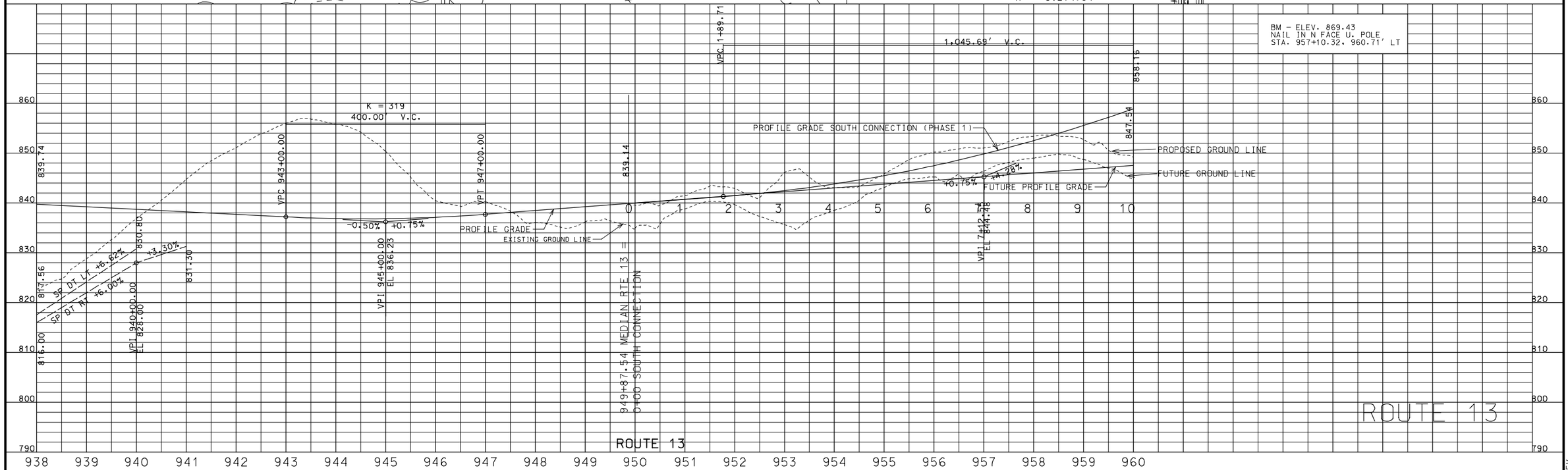
PI	976+83.18
PC	943+90.67
PT	995+51.94
Δ	90° 19' 20" (LT)
D	1° 45' 00.0"
L	5,161.27'
T	3,292.51'
R	3,274.04'

LEGAL LAND TIE
NOT TO SCALE

91
MARK & DONNA OTTER
8.71 AC C.A. R/W
INCLUDES 0.23 AC EXIST CR 101
0.51 AC PERM UTILITY ESM'T RT
INCLUDES 0.02 AC EXIST CR 101
0.31 ACRES PERM UTILITY ESM'T LT
INCLUDES 0.06 AC TEMP CONST ESM'T
0.51 AC TEMP CONST ESM'T
4.61 AC REMAINING RT
INCLUDES 0.19 AC EXIST CR 101
3.26 AC REMAINING LT

Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

BM - ELEV. 869.43
NAIL IN N FACE U. POLE
STA. 957+10.32, 960.71' LT



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

REV.

039pp_i100_j4p1138.dgn 02:54:23 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	40

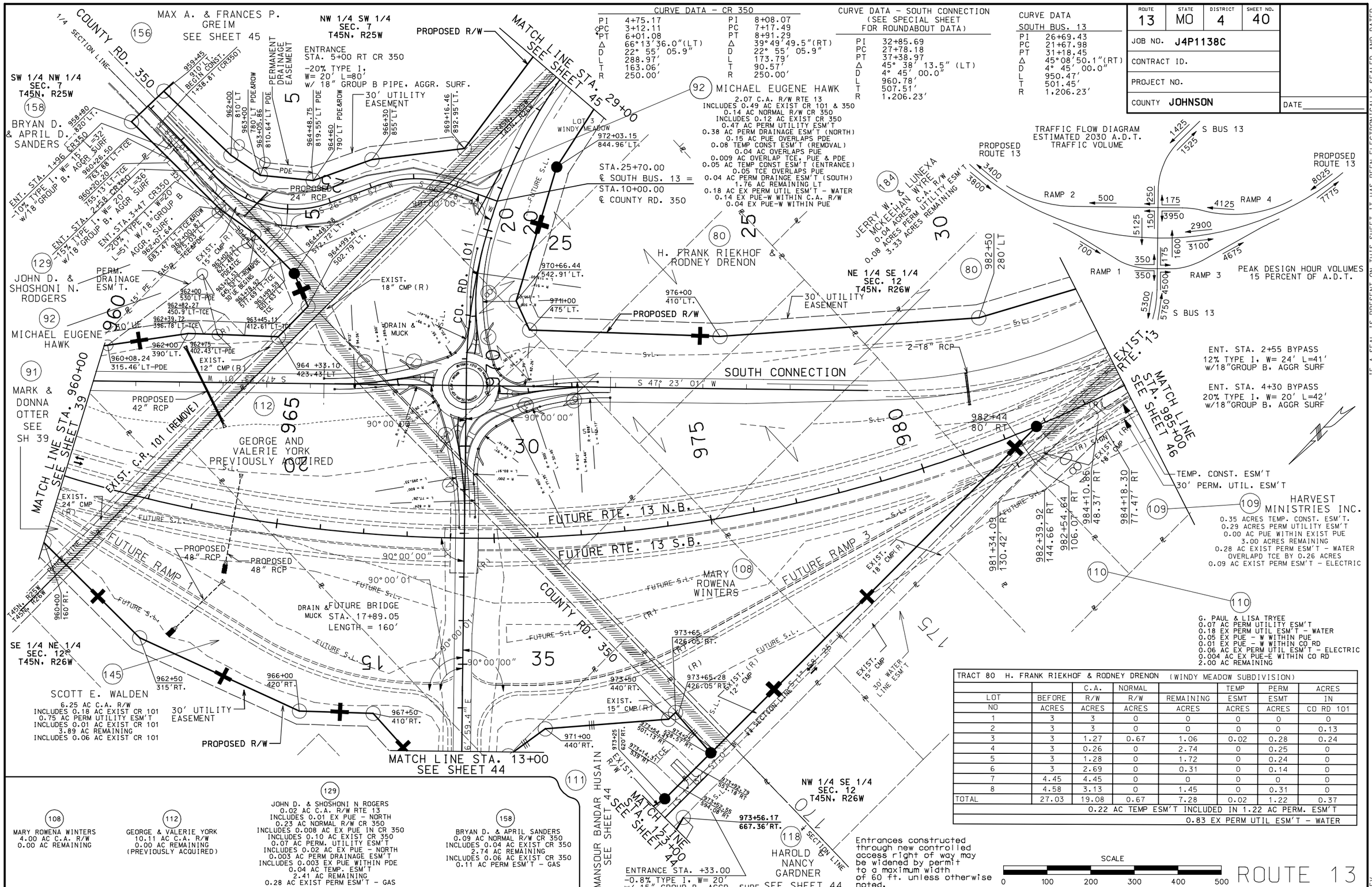
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



TRACT 80 H. FRANK RIEKHOF & RODNEY DRENON (WINDY MEADOW SUBDIVISION)							
LOT NO	BEFORE ACRES	C.A. R/W ACRES	NORMAL R/W ACRES	REMAINING ACRES	TEMP ESMT ACRES	PERM ESMT ACRES	ACRES IN CO RD 101
1	3	3	0	0	0	0	0
2	3	3	0	0	0	0	0.13
3	3	1.27	0.67	1.06	0.02	0.28	0.24
4	3	0.26	0	2.74	0	0.25	0
5	3	1.28	0	1.72	0	0.24	0
6	3	2.69	0	0.31	0	0.14	0
7	4.45	4.45	0	0	0	0	0
8	4.58	3.13	0	1.45	0	0.31	0
TOTAL	27.03	19.08	0.67	7.28	0.02	1.22	0.37
0.22 AC TEMP ESM'T INCLUDED IN 1.22 AC PERM. ESM'T							
0.83 EX PERM UTIL ESM'T - WATER							

(108) MARY ROWENA WINTERS
4.00 AC C.A. R/W
0.00 AC REMAINING

(112) GEORGE & VALERIE YORK
10.11 AC C.A. R/W
0.00 AC REMAINING
(PREVIOUSLY ACQUIRED)

(129) JOHN D. & SHOSHONI N ROGERS
0.02 AC C.A. R/W RTE 13
INCLUDES 0.01 EX PUE - NORTH
0.23 AC NORMAL R/W CR 350
INCLUDES 0.008 AC EX PUE IN CR 350
INCLUDES 0.10 AC EXIST CR 350
0.07 AC PERM. UTILITY ESM'T
INCLUDES 0.02 AC EX PUE - NORTH
0.003 AC PERM DRAINAGE ESM'T
INCLUDES 0.003 EX PUE WITHIN PDE
0.04 AC TEMP. ESM'T
2.41 AC REMAINING
0.28 AC EXIST PERM ESM'T - GAS

(158) BRYAN D. & APRIL SANDERS
0.09 AC NORMAL R/W CR 350
INCLUDES 0.04 AC EXIST CR 350
2.74 AC REMAINING
INCLUDES 0.06 AC EXIST CR 350
0.11 AC PERM ESM'T - GAS

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

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	41

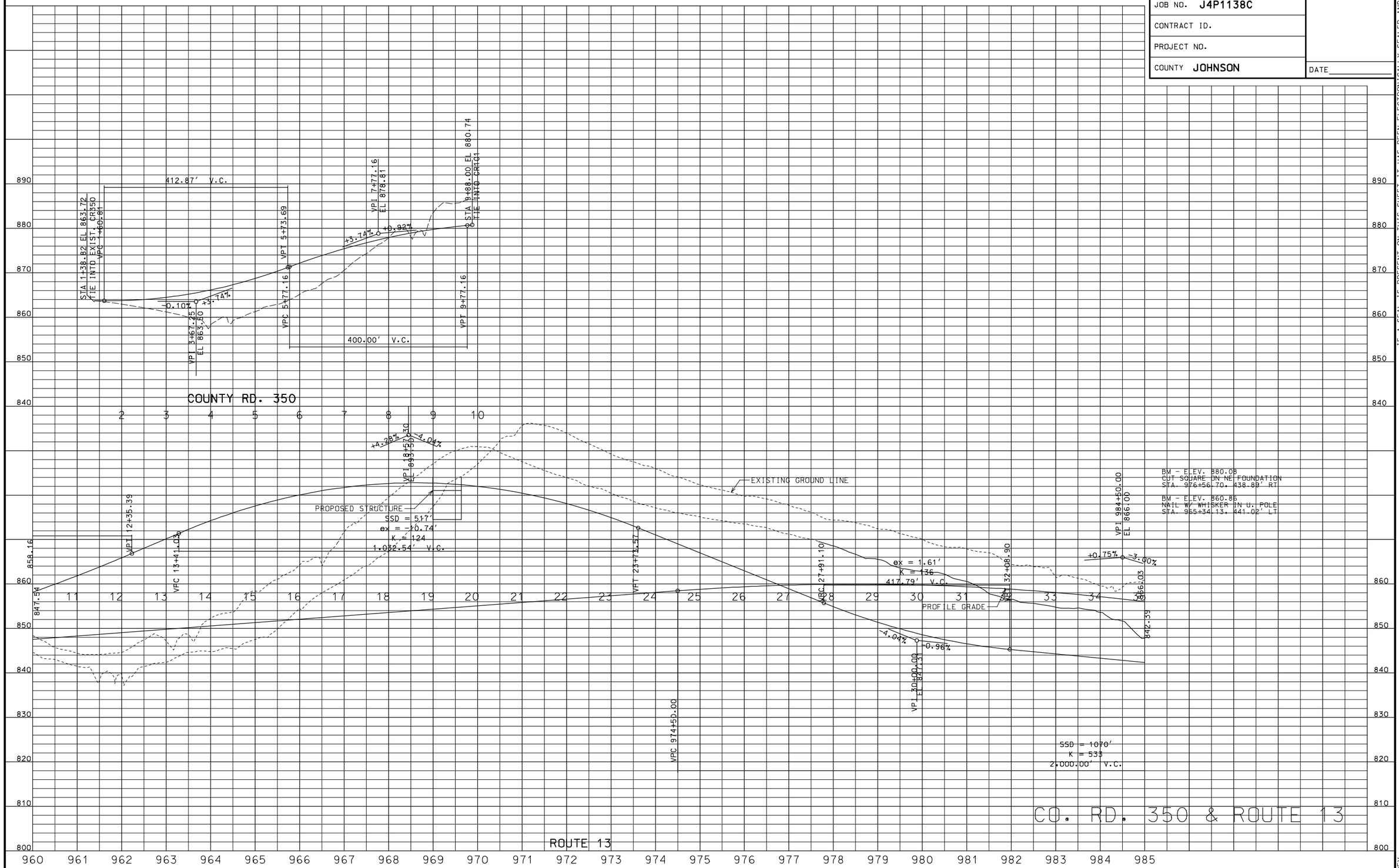
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

041pr_i100_j4p1138.dgn 02:41:23 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	42

JOB NO. J4P1138C

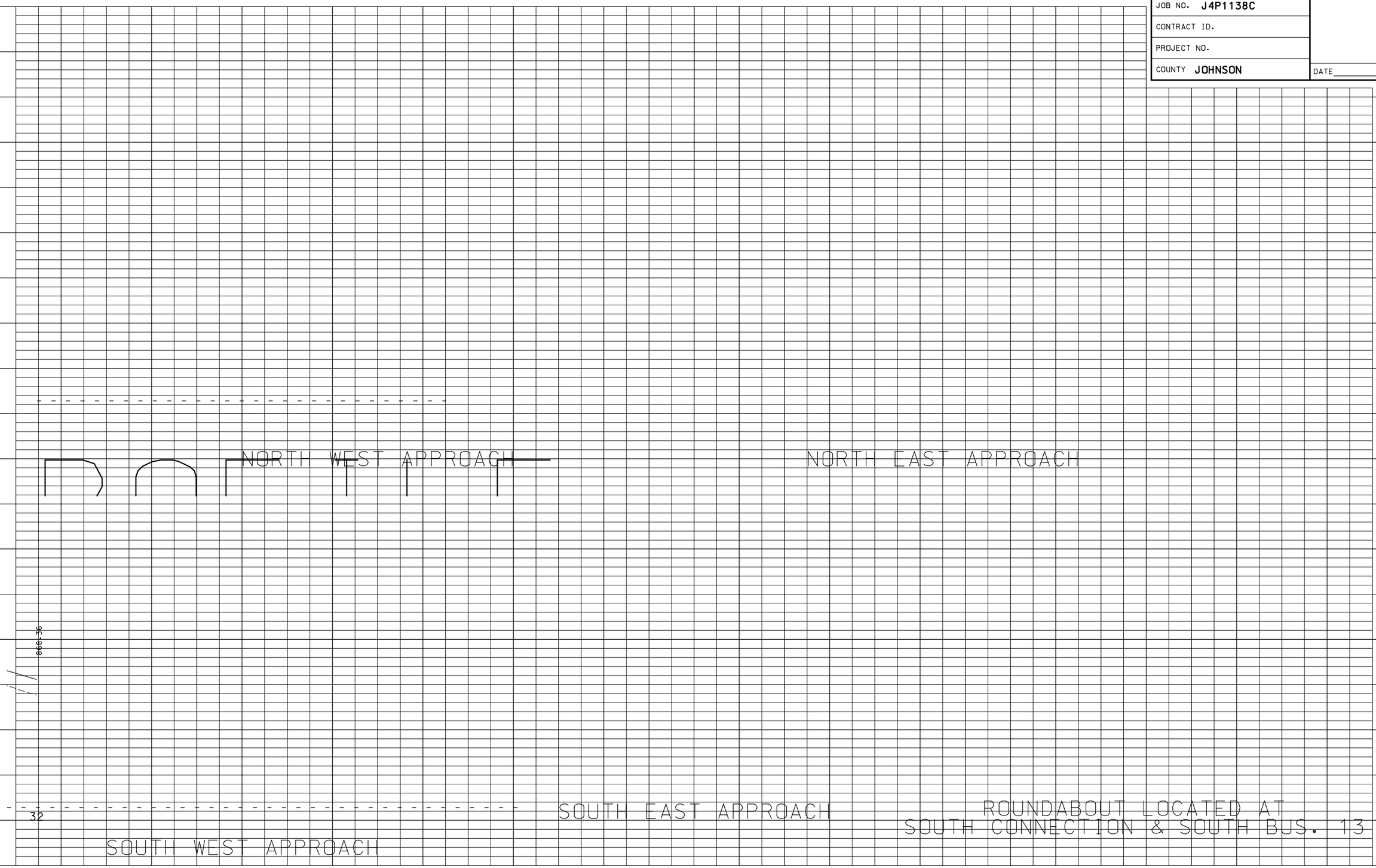
CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

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



REV.

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ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	43

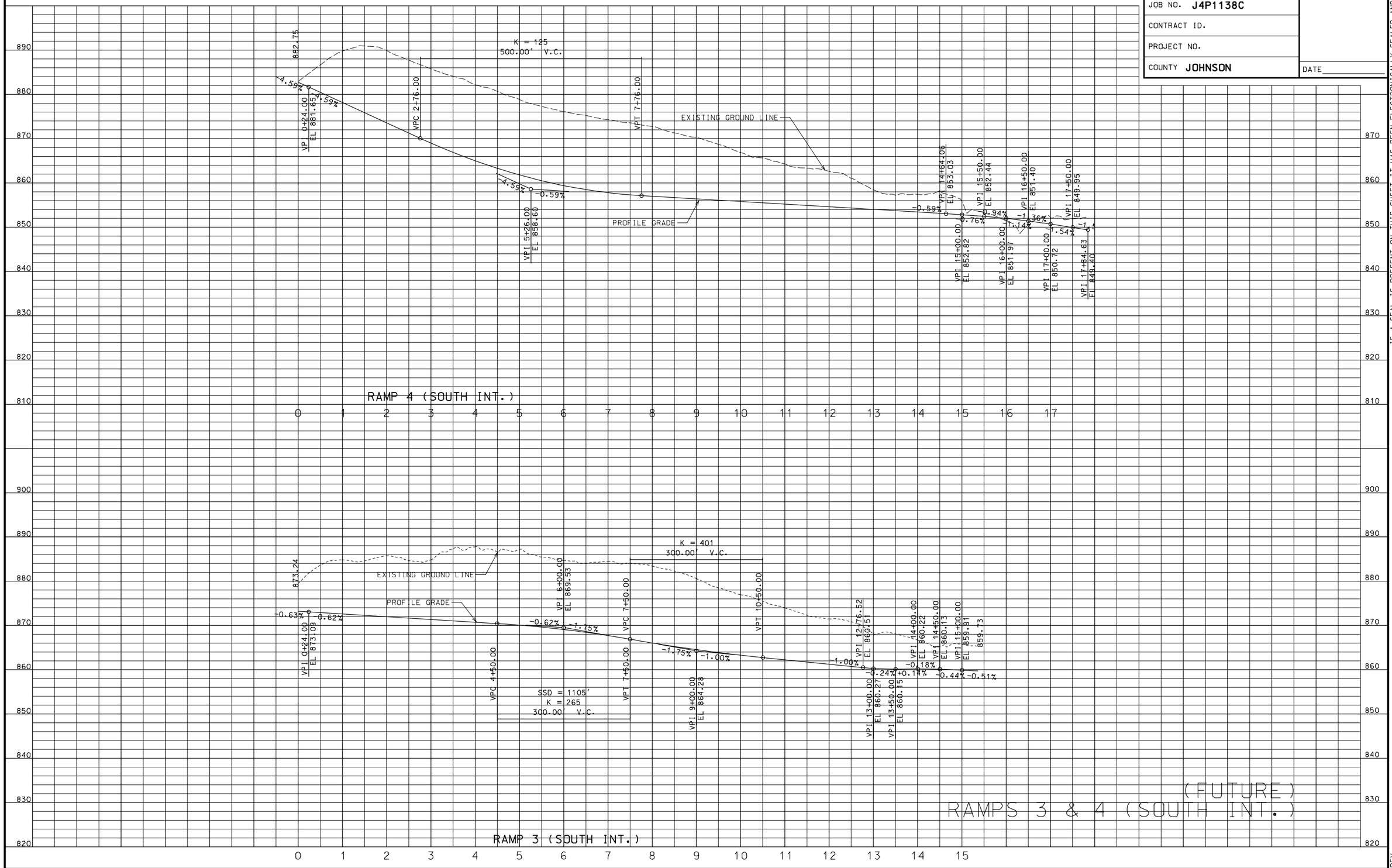
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

043pr_i100_j4p1138.dgn 02:41:34 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	44

JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE

(111) MANSOUR BANDAR HUSAIN
0.99 AC C.A. R/W BUS 13 CONN
3.27 AC C.A. R/W S BUS 13
0.56 AC NORMAL R/W S BUS 13
0.08 AC TEMP CONST ESM'T (NORTH)
0.45 AC PERM UTILTY ESM'T
OVERLAPS TCE (N) BY 0.02 AC
0.10 AC TEMP CONST ESM'T (SOUTH)
7.84 AC REMAINING (NORTH)
2.56 AC REMAINING (SOUTH)

(120) GARY L. HALL
0.09 AC NORMAL R/W
INCLUDES 0.01 AC EXISTING CR 325
0.11 EXIST PERM UTILITY ESM'T
0.08 AC EX PUE WITHIN NORMAL R/W
0.01 AC EX PUE WITHIN NORMAL R/W AND CR 325
0.58 AC REMAINING
INCLUDES 0.07 AC EXISTING CR 325

(118) HAROLD & NANCY GARDNER
0.06 AC C.A. R/W
0.03 AC EX PUE WITHIN C.A. R/W
0.29 AC NORMAL R/W
0.23 AC EX PUE WITHIN NORMAL R/W
0.45 AC PERM UTILITY ESM'T
0.14 AC EX PUE WITHIN PUE - NORTH
0.04 AC EX PUE WITHIN PUE - SOUTH
0.57 AC EX PERM UTILITY ESM'T - WATER
35.85 AC REMAINING
0.37 AC EXIST CR 325

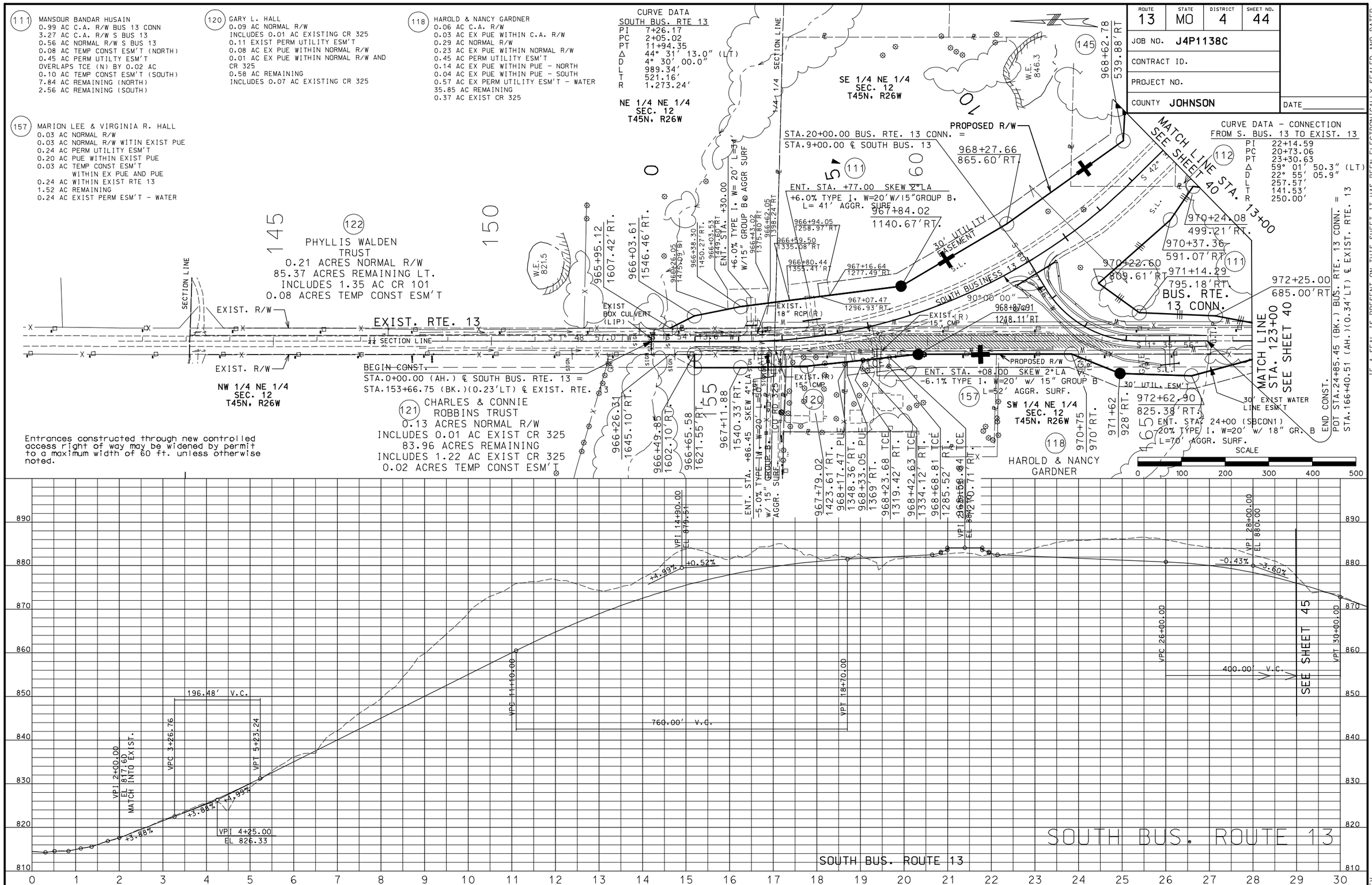
(157) MARION LEE & VIRGINIA R. HALL
0.03 AC NORMAL R/W
0.03 AC NORMAL R/W WITIN EXIST PUE
0.24 AC PERM UTILITY ESM'T
0.20 AC PUE WITHIN EXIST PUE
0.03 AC TEMP CONST ESM'T WITHIN EX PUE AND PUE
0.24 AC WITHIN EXIST RTE 13
1.52 AC REMAINING
0.24 AC EXIST PERM ESM'T - WATER

CURVE DATA
SOUTH BUS. RTE 13

PI	7+26.17
PC	2+05.02
PT	11+94.35
Δ	44° 31' 13.0" (LT)
D	4° 30' 00.0"
L	989.34'
T	521.16'
R	1,273.24'

CURVE DATA - CONNECTION FROM S. BUS. 13 TO EXIST. 13

PI	22+14.59
PC	20+73.06
PT	23+30.63
Δ	59° 01' 50.3" (LT)
D	22° 55' 05.9"
L	257.57'
T	141.53'
R	250.00'



Entrances constructed through new controlled access right of way may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

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

REV.

044pp_i100_j4p1138.dgn 02:55:13 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	45

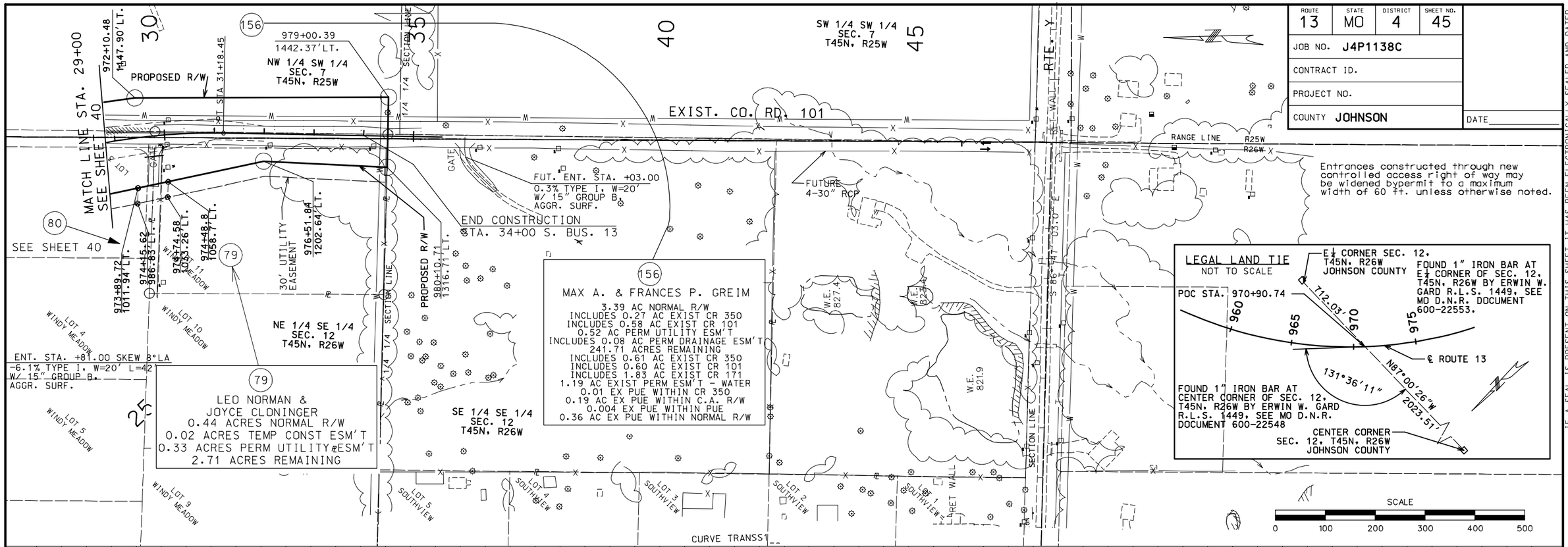
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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REV.

045pp_i100_j4p1138.dgn 02:55:33 PM 08/11/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	46

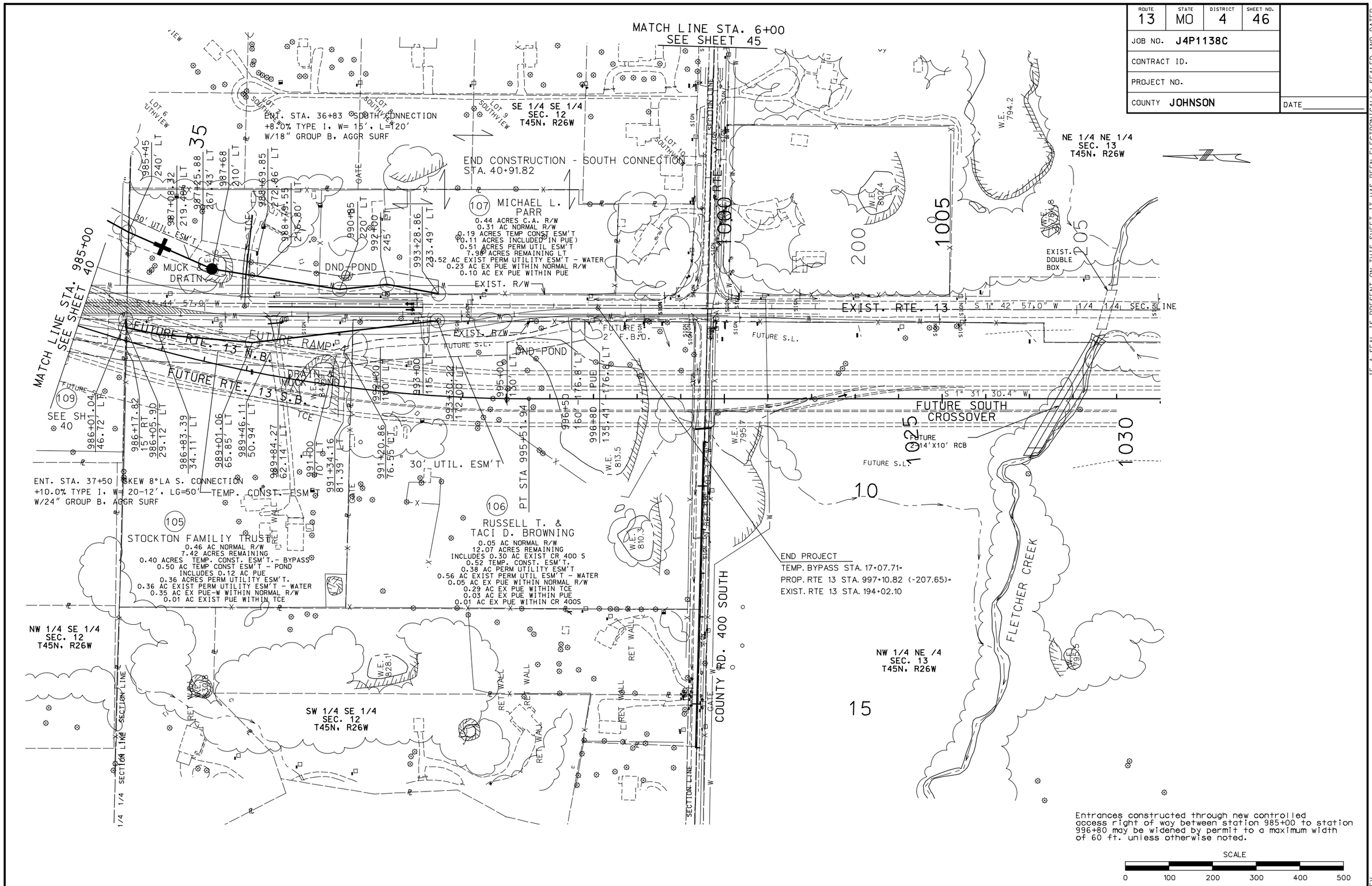
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



Entrances constructed through new controlled access right of way between station 985+00 to station 996+80 may be widened by permit to a maximum width of 60 ft. unless otherwise noted.

SCALE

0 100 200 300 400 500

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

REV.

046pl_i100_j4p1138.dgn 09:18:21 AM 08/12/2008

ROUTE	STATE	DISTRICT	SHEET NO.
13	MO	4	47

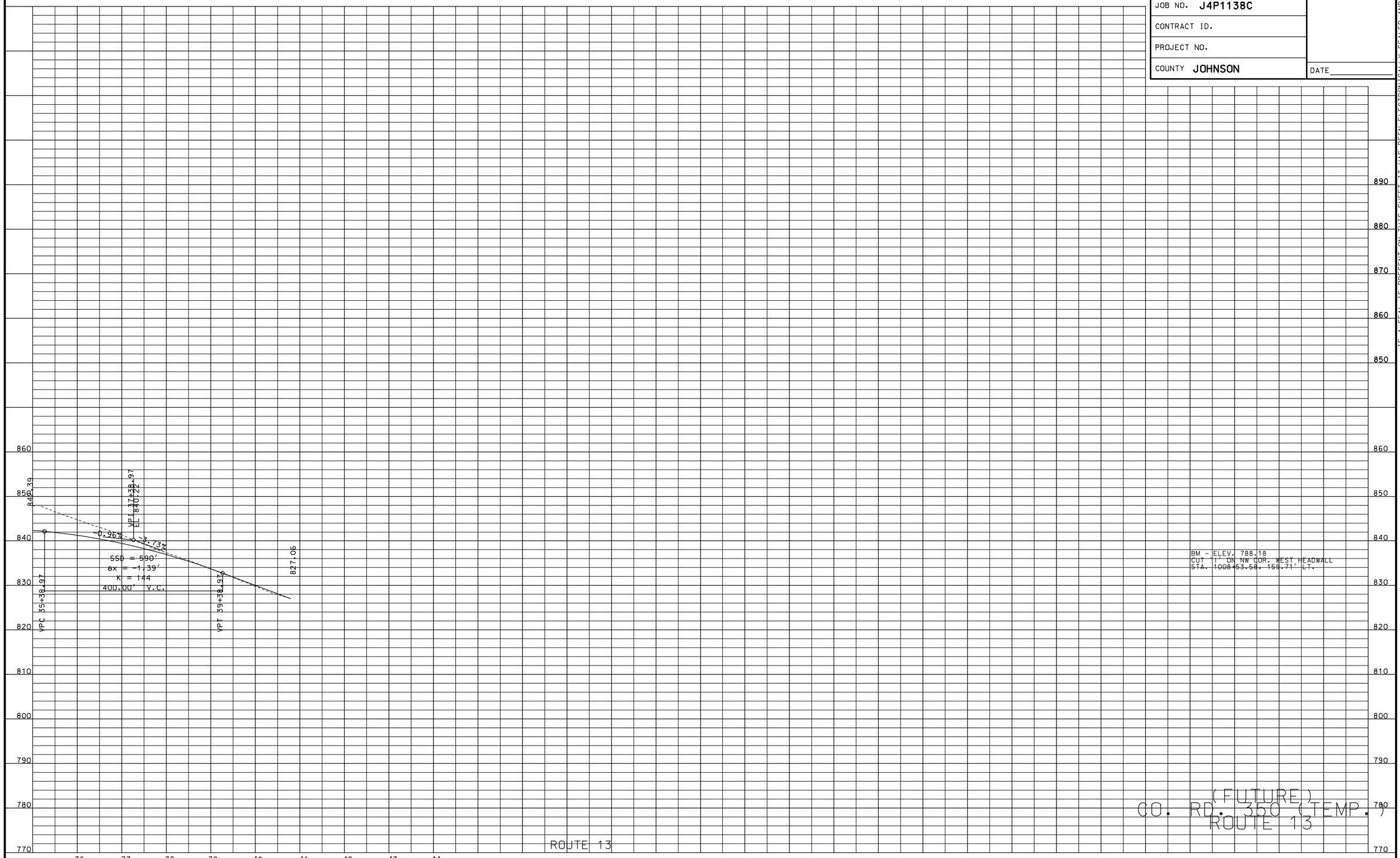
JOB NO. J4P1138C

CONTRACT ID.

PROJECT NO.

COUNTY JOHNSON

DATE



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

REV.

047pr_i100_j4p1138.dgn 02:41:51 PM 08/11/2008