

A.A.D.T. - 2021 = 13,244
A.A.D.T. - 2031 = 13,921
D.H.V. = 10%
T = 7%
V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION-MINOR ARTERIAL

BUILDINGS AND STRUCTURES
GUARD RAIL
GUARD CABLE
CONCRETE RIGHT-OF-WAY MARKER
STEEL RIGHT-OF-WAY MARKER
LOCATION SURVEY MARKER
UTILITIES
FIBER OPTICS
OVERHEAD CABLE TV
UNDERGROUND CABLE TV
OVERHEAD TELEPHONE
UNDERGROUND TELEPHONE
OVERHEAD POWER
UNDERGROUND POWER
SANITARY SEWER
STORM SEWER
GAS
WATER

MANHOLE	
FIRE HYDRANT	
WATER VALVE	
WATER METER	
DROP INLET	
DITCH BLOCK	
GROUND MOUNTED SIGN	
LIGHT POLE	
H-FRAME POWER POLE	
TELEPHONE PEDESTAL	
FENCE	
CHAIN LINK	
WOVEN WIRE	
GATE POST	

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

CLEAR TREES FROM R/W LINE TO R/W LINE
LOG MILE 5.53 TO LOG MILE 6.33
(STA 458+00.00 TO STA 501+00.48 EXIST RTE 221)
(STA 0+00.00 TO STA 42+00.00 NEW RTE 221)

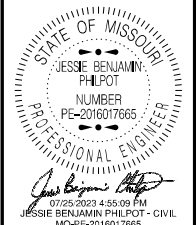
THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

DESCRIPTION

TITLE SHEET -----	1
QUANTITIES (QU) (02 SHEETS)-----	3
PLAN-PROFILE (PP)-----	4-5
TRAFFIC CONTROL SHEETS (TC)-----	6

BEGINNING OF PROJECT	STA	0+00.00	
END OF PROJECT	STA	42+00.00	
APPARENT LENGTH		4200.00	FEET
EQUATIONS AND EXCEPTIONS:			

TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	4200.00	FEET
STATE LENGTH	0.795	MILES
FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	9	ACRES



DATE PREPARED
7/20/2023

ROUTE 221	STATE MO
DISTRICT SE	SHEET NO. 1

COUNTY
ST FRANCOIS

JOB NO.
J9S3610B
CONTRACT ID.

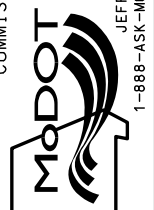
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

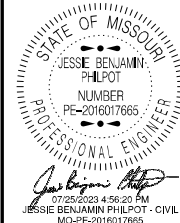
EROSION CONTROL						
SHEET	STA	STA	ROCK DITCH CHECK FT	SILT FENCE FT	SEDIMENT REMOVAL CY	REMARKS
4	0+00	24+00	500	2200	85	USE AS DIRECTED BY ENGINEER
5	24+00	45+00	500	1800	81	USE AS DIRECTED BY ENGINEER
		TOTAL	1000	4000	166	
		USE	1000	4000	166	

SEED AND MULCH					
SHEET	STA	STA	COOL SEED AC	MULCH AC	REMARKS
4	0+00	6+00	0.5	0.5	
4	6+00	20+00	5.0	5.0	
5	20+00	42+00	3.5	3.5	
		TOTAL	9.0	9.0	
		USE	9.0	9.0	

CLEARING AND GRUBBING					
SHEET	STA	STA	UNITS	ACRES	REMARKS
4	0+00	6+00	21	0.2	IN AREAS OF TREES ONLY
4	6+00	20+00	347	4.0	IN AREAS OF TREES ONLY
4-5	20+00	42+00	204	2.3	IN AREAS OF TREES ONLY
			TOTAL	6.5	
			USE	7	

ADDITIONAL MOB FOR SEEDING
2 EA

MOBILIZATION
LUMP SUM 1



DATE PREPARED 7/20/2023	
ROUTE 221	STATE MO
DISTRICT SE	SHEET NO. 3
COUNTY ST FRANCOIS	
JOB NO. J9S3610B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

DATE PREPARED	
7/20/2023	
ROUTE	STATE
221	MO
DISTRICT	SHEET NO.
SE	3
COUNTY	
ST FRANCOIS	
JOB NO.	
J9S3610B	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

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NO. 1

[illegible]

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[illegible]

STATION	CAPITOL
	D 65102
	5-6636)

05 WEST C
CITY, MO
1-888-278

AND TR
MISSION



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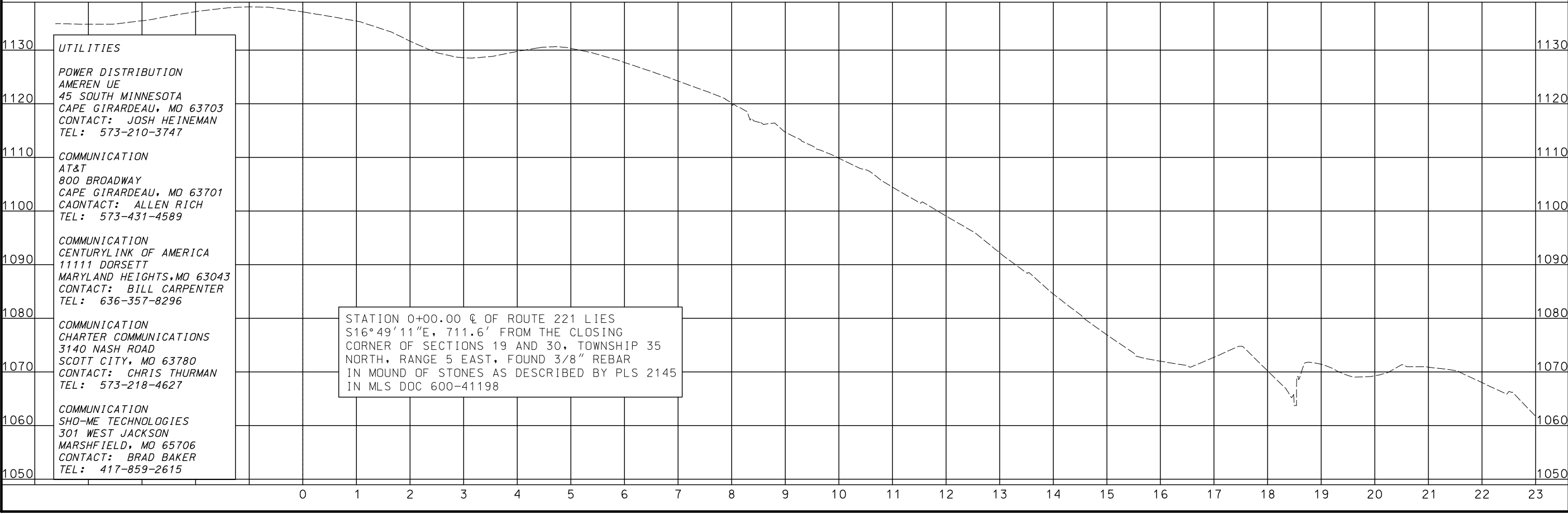
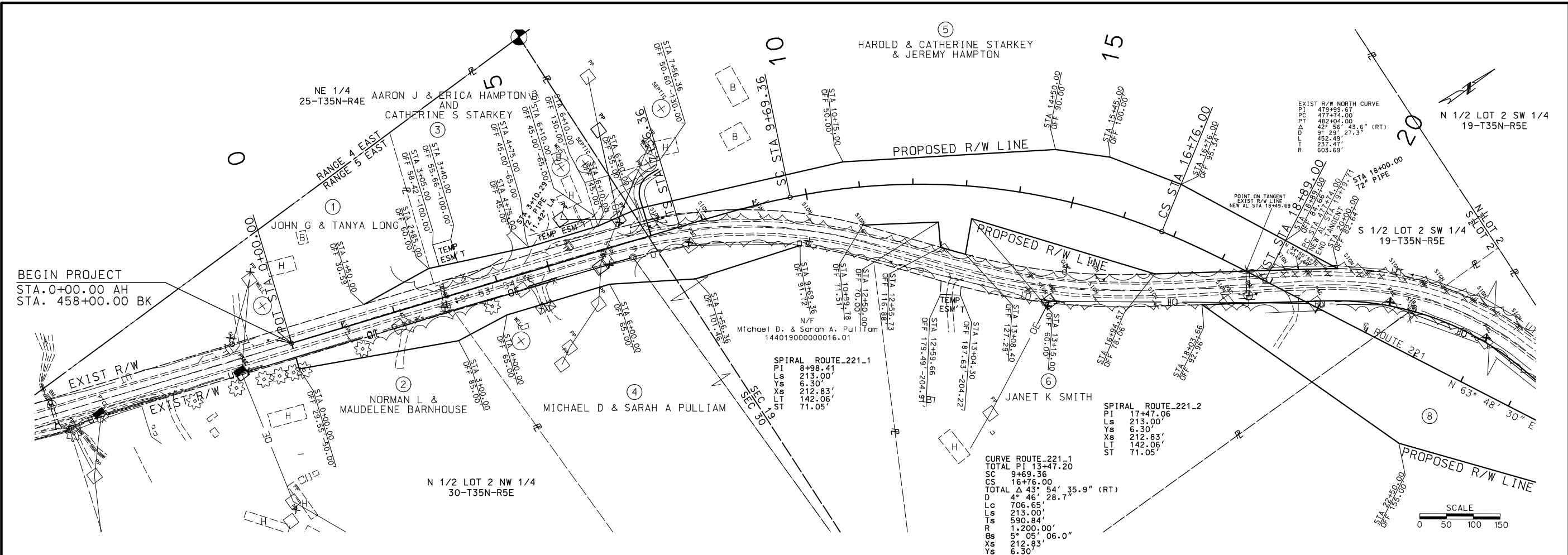
1

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STATE OF MISSOURI
JESSE BENJAMIN PHILPOT
NUMBER
PE-2016017665
PROFESSIONAL ENGINEER
Jesse Benjamin Philpot
07/25/2023 4:57:00 PM
JESSE BENJAMIN PHILPOT - CIVIL
MO-PE-2016017665

DATE PREPARED
7/20/2023

ROUTE
221

DISTRICT
SE

COUNTY
ST FRANCOIS

JOB NO.
J9S3610B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

STATE
MO

SHEET NO.
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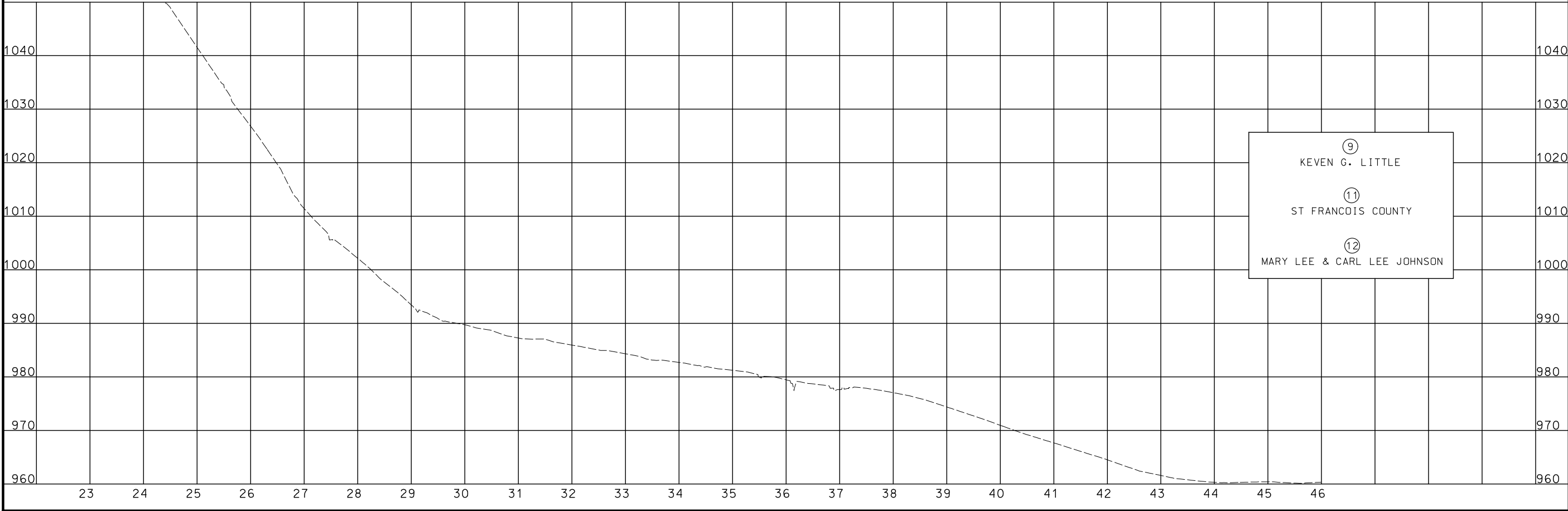
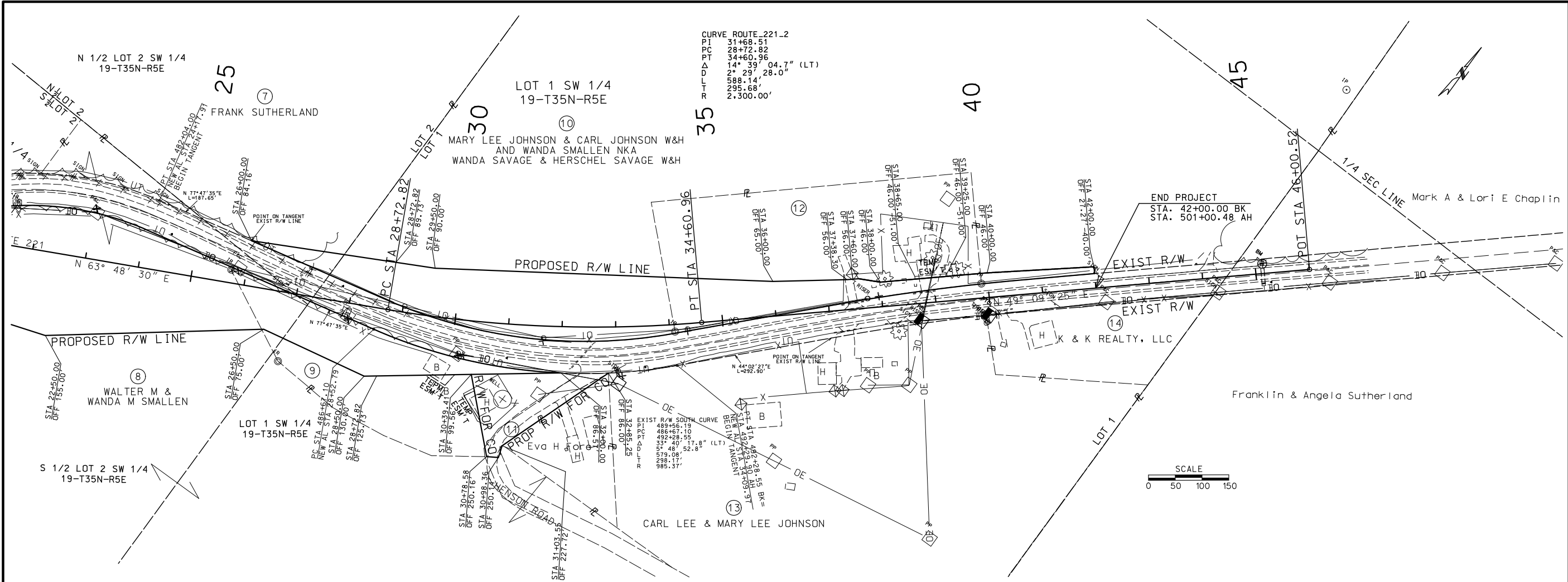
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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



⑨
KEVEN G. LITTLE

⑪
ST FRANCOIS COUNTY

⑫
MARY LEE & CARL LEE JOHNSON

STATE OF MISSOURI
JESSE BENJAMIN
PHILPOT
NUMBER
PE-2016017665
PROFESSIONAL ENGINEER
Jesse Benjamin Philpot
07/25/2023 4:57:35 PM
JESSE BENJAMIN PHILPOT - CIVIL
MO-PE-2016017665

DATE PREPARED
7/20/2023

ROUTE
221

DISTRICT
SE

COUNTY
ST FRANCOIS

JOB NO.
J9S3610B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

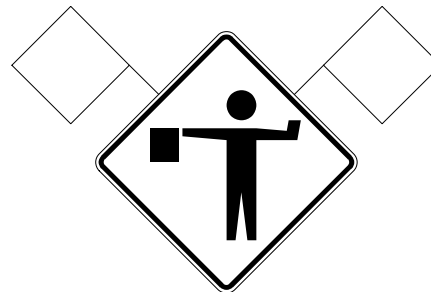
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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BRIDGE
OR
RAMP

W020-1
(2)



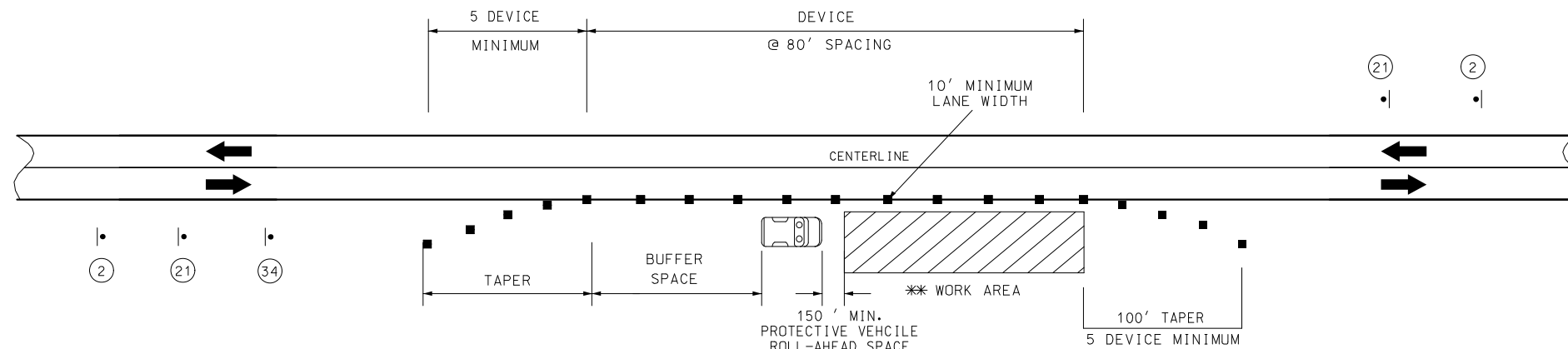
W020-7a
(8)



W021-5
(21)



W05-5
(34)



TRAFFIC CONTROL LEGEND

- FLAGGER
- CHANNELIZER
- SIGN

WORK ZONE FOR SHOULDER WORK WITH MINOR ENCROACHMENT ON DIVIDED AND UNDIVIDED HIGHWAYS

SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)	TAPER LENGTH SHOULDER (FT)	CHANNELIZER SPACING (FT)	
			TAPERS	BUFFER/ WORK AREAS
0 - 35	280	70	35	40
40 - 45	400	150	40	80
50 - 55	560	185	50	80
60 - 70	840	235	60	120

NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

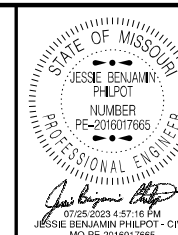
NOTES:

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

TRAFFIC CONTROL
SHEET 1 OF 1



DATE PREPARED
7/24/2023

ROUTE 221
DISTRICT SE
STATE MO
SHEET NO. 6

COUNTY
ST. FRANCOIS

JOB NO.
J9S3610B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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