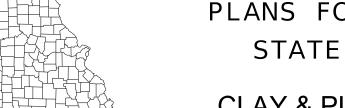
DESIGN DESIGNATION

SEE FOLLOWING TITLE LOCATION SHEETS

PARTIAL CONTROLLED ACCESS HIGHWAY

THIS SHALL BE A PARTIAL CONTROLLED ACCESS HIGHWAY. EXCEPT AT LOCATIONS AND AS OTHERWISE SPECIFICALLYSHOWN 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 WHERE THE SYMBOL SHOWN BELOW IS SHOWN ON THE RIGHT OF WAY LINE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

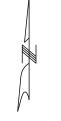


KEY MAP LOCATION OF CLAY & PLATTE COUNTIES

PLANS FOR PROPOSED STATE HIGHWAY

CLAY & PLATTE COUNTY

ADA IMPROVEMENTS SIDEWALKS, CURB RAMPS, PAVED APPROACHES AND AUDIBLE PEDESTRIAN SIGNALS AT VARIOUS APPROACHES



NOT TO SCALE

TITLE SHEET

1 OF 7

NO RIGHT-OF-WAY AQUISITION

LOCATION 16 - JJ/MAIN LOCATION 1 - 1/152 LOCATION 2 - 152/I-35 LOCATION 3 - 152/SHOAL LOCATION 4 - 152/SHIGHTON LOCATION 5 - 152/MAPLEWOODS LOCATION 6 - 152/N. OAK LOCATION 6 - 169/68TH LOCATION 9 - 69/JACKSON LOCATION 9 - 69/JACKSON LOCATION 19 - 92/169 LOCATION 20 -LOCATION 21 -152/GREEN HILLS 152/NW AMBASSADOR * LOCATION 22 LOCATION 23 152/N CONGRESS I-29/NW BARRY LOCATION 24 - 45/WB KLAMM RD LOCATION 24 - 45/WB KLAMM RD. LOCATION 25 - 45/EB KLAMM RD. LOCATION 26 - 45/N COSBY AVE. LOCATION 27 - 45/WB ROUTE 9 LOCATION 28 - 45/EB ROUTE 9 LOCATION 10 - 92/JEFFERSON LOCATION 11 - 92/I-35 LOCATION 12 - 291/RUTH EWING LOCATION 13 - 291/BROWN LOCATION 14 - 291/ORCHARD LOCATION 15 - 291/96TH LOCATION 29 - 9/E 12TH LOCATION 30 - I-625/HORIZONS

CONVENTIONAL SYMBOLS

(USED IN PLANS		LJ
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES	0000	0
FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	- FO - -OTV- -UTV- - OT - - UT - - OE - - UE - - S - - SS - - G - - W	-FO
MANHOLE	SAN)
FIRE HYDRANT WATER VALVE WATER METER DROP INLET DITCH BLOCK GROUND MOUNTED SIGN LIGHT POLE	WV WV SIGN	} } <u>=</u> -
H-FRAME POWER POLE	PED	
TELEPHONE PEDESTAL	, , , , , , , , , , , , , , , , , , ,	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

,	•	
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER	0000	
UTILITIES FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	- FO - OTV - UTV - OT - UT - OT - OE - UE - SS - G - U - SAN USAN U	-FO -OTV -UTV -OT -OE -VE -S -SS -G -W
MANHOLE	D INAC)
FIRE HYDRANT	C	3
WATER VALVE	w _v C)
WATER METER	₽ ^{ww})
DROP INLET	°[_	
DITCH BLOCK	=	⊨
GROUND MOUNTED SIGN	SIGN	-
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE	PED	7
CHAIN LINK WOVEN WIRE GATE POST	—— v —— x E	((
BENCHMARK	BM (S	

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.

LOCATION

1 - CLAY CO, KANSAS CITY, RTE 1, RTE 152 TO 80TH ST.	16 - CLAY CO, MISSOURI CITY, RTE JJ, MAIN ST.
2 - CLAY CO, KANSAS CITY, RTE 152, I-35 TO W/O FLINTLOCK RD.	17 - CLAY CO, N. KANSAS CITY, RTE 210, OZARK ST. TO TANEY ST.
3 - CLAY CO, KANSAS CITY, RTE 152, AT SHOAL CREEK PKWY.	18 - CLAY CO, N. KANSAS CITY, RTE 1, S/O TANEY ST. TO 32ND ST.
4 - CLAY CO, KANSAS CITY, RTE 152, AT BRIGHTON AVE.	19 - CLAY CO, SMITHVILLE, RTE 92, RTE 169 TO COMMERCIAL AVE.
5 - CLAY CO, KANSAS CITY, RTE 152, AT MAPLEWOODS PKWY	20 - PLATTE CO, KANSAS CITY, RTE 152, AT GREEN HILLS RD.
6 - CLAY CO, KANSAS CITY, RTE 152, AT N. OAK TRFY.	21 - PLATTE CO, KANSAS CITY, RTE 152, AT NW AMBASSADOR DR
7 - CLAY CO, KANSAS CITY, RTE 169, AT 68TH ST.	★ 22 - PLATTE CO, KANSAS CITY, RTE 152, AT N CONGRESS AVE.
8 - CLAY CO, KANSAS CITY, RTE 169, AT BRIARCLIFF PKWY.	23 - PLATTE CO, KANSAS CITY, I-29, AT NW BARRY RD.
9 - CLAY CO, KANSAS CITY, RTE 69, AT JACKSON AVE	24 - PLATTE CO, KANSAS CITY, RTE 45, WB KLAMM RD. TO N COSBY AVE.
10 - CLAY CO, KEARNEY, RTE 92, JEFFERSON ST.	25 - PLATTE CO, KANSAS CITY, RTE 45, EB KLAMM RD. TO N LUCERNE AVE.
11 - CLAY CO, KEARNEY, RTE 92, W/O I-35	26 - PLATTE CO, KANSAS CITY, RTE 45, N COSBY AVE. TO N CHATHAM AVE.
12 - CLAY CO, LIBERTY, RTE 291, RUTH EWING RD.	27 - PLATTE CO, PARKVILLE, RTE 45, WB ROUTE 9 TO NW KLAMM DR.
13 - CLAY CO, LIBERTY, RTE 291, S/O BROWN ST. TO REED ST.	28 - PLATTE CO, PARKVILLE, RTE 45, EB ROUTE 9 TO NW KLAMM DR. EB
14 - CLAY CO, LIBERTY, RTE 291, S/O ORCHARD AVE. TO S/O KANSAS ST.	
15 - CLAY CO, LIBERTY, RTE 291, 96TH ST. TO FLINTLOCK RD.	30 - PLATTE CO, RIVERSIDE, I-625, HORIZONS PKWY

* NO WORK TO BE DONE

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET (7 SHEETS)	1
TYPICAL SECTIONS (TS) (7 SHEETS)	2
QUANTITIES (QU) (11 SHEETS)	3
PLAN (PL) (CLAY COUNTY)	4 - 45
SIGNAL (SG) (CLAY COUNTY)	46-51
PLAN (PL) (PLATTE COUNTY)	52-68
SIGNAL (SG) (PLATTE COUNTY)	69-76
TRAFFIC CONTROL (TC)	77-79

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DESCRIPTION								SEAL
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MICHAEL F. STEFFENSMEIER

NUMBER PE-2021025215 OFFISIONAL "

LENGTH OF PROJECT

BEGINNING OF PROJECT

LOCATION 1 LENGTH LOCATION 2 LENGTH	6,880 6,580	FEE FEE
LOCATION 3 LENGTH	INTERSECTION ONLY	
LOCATION 4 LENGTH	1,780	FEE
LOCATION 5 LENGTH	2,200	FEE
LOCATION 6 LENGTH	2,280	FEE
LOCATION 7 LENGTH	1,160	FEE
LOCATION 8 LENGTH	1,640	FEE
LOCATION 9 LENGTH		
LOCATION 10 LENGTH	4460	FEE
LOCATION 11 LENGTH	600	FEE
LOCATION 12 LENGTH	6750	FEE
LOCATION 13 LENGTH	540	FEE
LOCATION 14 LENGTH	1,250	FEE
LOCATION 15 LENGTH	5,760	FEE
LOCATION 16 LENGTH	20	FEE
LOCATION 17 LENGTH	3,860	FEE
LOCATION 18 LENGTH LOCATION 19 LENGTH	4,640 890	FEE FEE
LOCATION 19 LENGTH LOCATION 20 LENGTH	1.900	FEE
LOCATION 20 LENGTH	1,900	FEE
*LOCATION 21 LENGTH	2.500	FEE
LOCATION 23 LENGTH	1.200	FEE
LOCATION 23 LENGTH	3.340	FEE
LOCATION 25 LENGTH	1,820	FEE
LOCATION 26 LENGTH	1.340	FEE
LOCATION 27 LENGTH	430	FEE
LOCATION 28 LENGTH	430	FEE
LOCATION 29 LENGTH	1970	FEE
LOCATION 30 LENGTH	280	FEE

END OF PROJECT

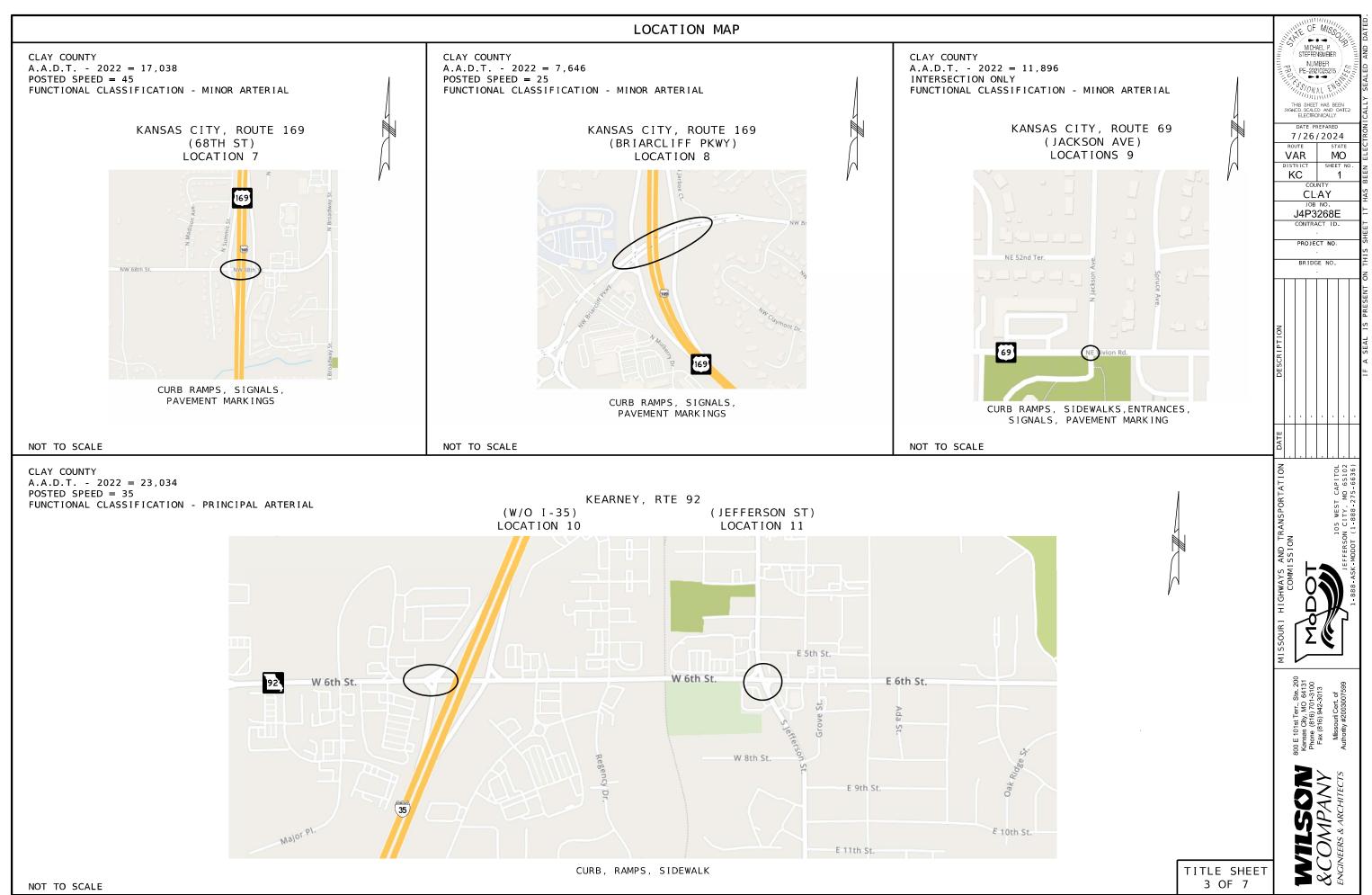
800 E 101st Terr., Ste. 200 Kansas City, MO 64131 Phone (816) 701-3100 Fax (816) 942-3013

NET LENGTH OF PROJECT 67660.00 FEET STATE LENGTH 12.814 MILES

FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES

16 ACRES

LOCATION MAP MICHAEL P. STEFFENSMEIER CLAY COUNTY CLAY COUNTY CLAY COUNTY NUMBER A.A.D.T. - 2022 = 17,940A.A.D.T. - 2022 = 45,522A.A.D.T. - 2022 = 45,522POSTED SPEED = 45POSTED SPEED = 45INTERSECTION ONLY FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL KANSAS CITY, ROUTE 1 KANSAS CITY, ROUTE 152 7/26/2024 (ROUTE 152 TO 80TH ST.) KANSAS CITY, ROUTE 152 (SHOAL CREEK PKWY) VAR MO LOCATION 1 (I-35 TO W/O FLINTLOCK RD.) LOCATION 3 ΚC LOCATION 2 NE 85th Ter CLAY J4P3268E NE Barry Rd. PROJECT NO. NE Barry Rd. BRIDGE NO. CURB RAMPS, SIGNALS, CURB RAMPS, SIGNALS, CURB RAMPS, SIGNALS, PAVEMENT MARKINGS, MULTI-USE PATH PAVEMENT MARKINGS PAVEMENT MARKINGS NOT TO SCALE NOT TO SCALE NOT TO SCALE CLAY COUNTY CLAY COUNTY CLAY COUNTY A.A.D.T. - 2022 = 4,446A.A.D.T. - 2022 = 4,068A.A.D.T. - 2022 = 17,473POSTED SPEED = 35 POSTED SPEED = 40 POSTED SPEED = 40FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL KANSAS CITY, ROUTE 152 KANSAS CITY, ROUTE 152 KANSAS CITY, ROUTE 152 (BRIGHTON AVE) (MAPLEWOODS PKWY) (N OAK TRFY) LOCATION 4 LOCATION 5 LOCATION 6 152 CURB RAMPS, SIGNALS, CURB RAMPS, SIGNALS, CURB RAMPS, SIGNALS, PAVEMENT MARKINGS PAVEMENT MARKINGS PAVEMENT MARKINGS TITLE SHEET 2 OF 7 NOT TO SCALE NOT TO SCALE NOT TO SCALE 001_TI_01-07_J4P3268E_I1_002.dgn 2:19:53 PM 7/26/2024



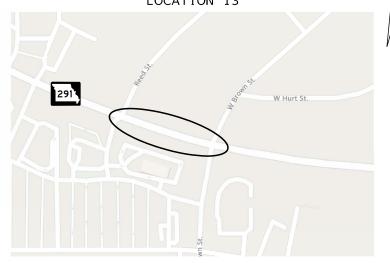
LOCATION MAP



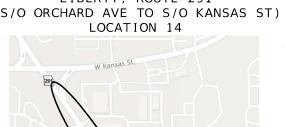
CLAY COUNTY A.A.D.T. - 2022 = 26,832 POSTED SPEED = 40 FUNCTIONAL CLASSIFICATION - EXPRESSWAY

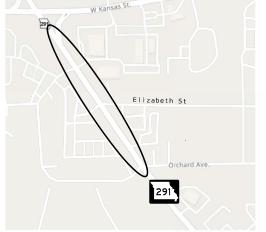
NOT TO SCALE

LIBERTY, ROUTE 291 (S/O BROWN ST TO REED ST) LOCATION 13



CURB RAMPS, SIDEWALKS, SIGNALS, PAVEMENT MARKINGS CLAY COUNTY A.A.D.T. - 2022 = 26,832 POSTED SPEED = 40 FUNCTIONAL CLASSIFICATION - EXPRESSWAY LIBERTY, ROUTE 291 (S/O ORCHARD AVE TO S/O KANSAS ST)





CURB RAMPS, SIDEWALKS, PAVEMENT MARKINGS

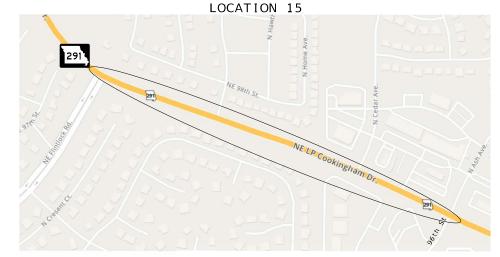
NOT TO SCALE

NOT TO SCALE

CLAY COUNTY A.A.D.T. - 2022 = 29,430POSTED SPEED = 45

FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

LIBERTY, ROUTE 291 (FLINTLOCK RD. TO 96TH ST.)



CURB RAMPS, SIDEWALKS, SIGNALS, PAVEMENT MARKINGS CLAY COUNTY A.A.D.T. - 2022 = 1,104POSTED SPEED = 45

FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

MISSOURI CITY, ROUTE JJ (MAIN ST) LOCATION 16



CURB RAMPS

TITLE SHEET 4 OF 7

7/26/2024 VAR MO KC CLAY J4P3268E PROJECT NO. BRIDGE NO.

LOCATION MAP

CLAY COUNTY A.A.D.T. - 2022 = 35,528 POSTED SPEED = 35 FUNCTIONAL CLASSIFICATION - EXPRESSWAY

> N. KANSAS CITY, ROUTE 210 (OZARK ST TO TANEY ST) LOCATION 17



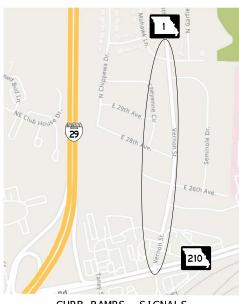
SIDEWALK

CLAY COUNTY A.A.D.T. - 2022 = 5,540 POSTED SPEED = 35

NOT TO SCALE

FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

N. KANSAS CITY, ROUTE 210 (S/O TANEY ST. TO 32ND ST) LOCATION 18



CURB RAMPS, SIGNALS, SIDEWALK

NUMBER

3/1/2025 VAR МО ΚC

CL·AY JOB NO. J4P3268E

PROJECT NO.

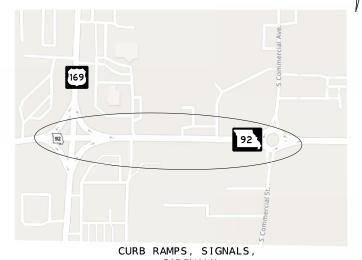
BRIDGE NO.

NOT TO SCALE

NOT TO SCALE

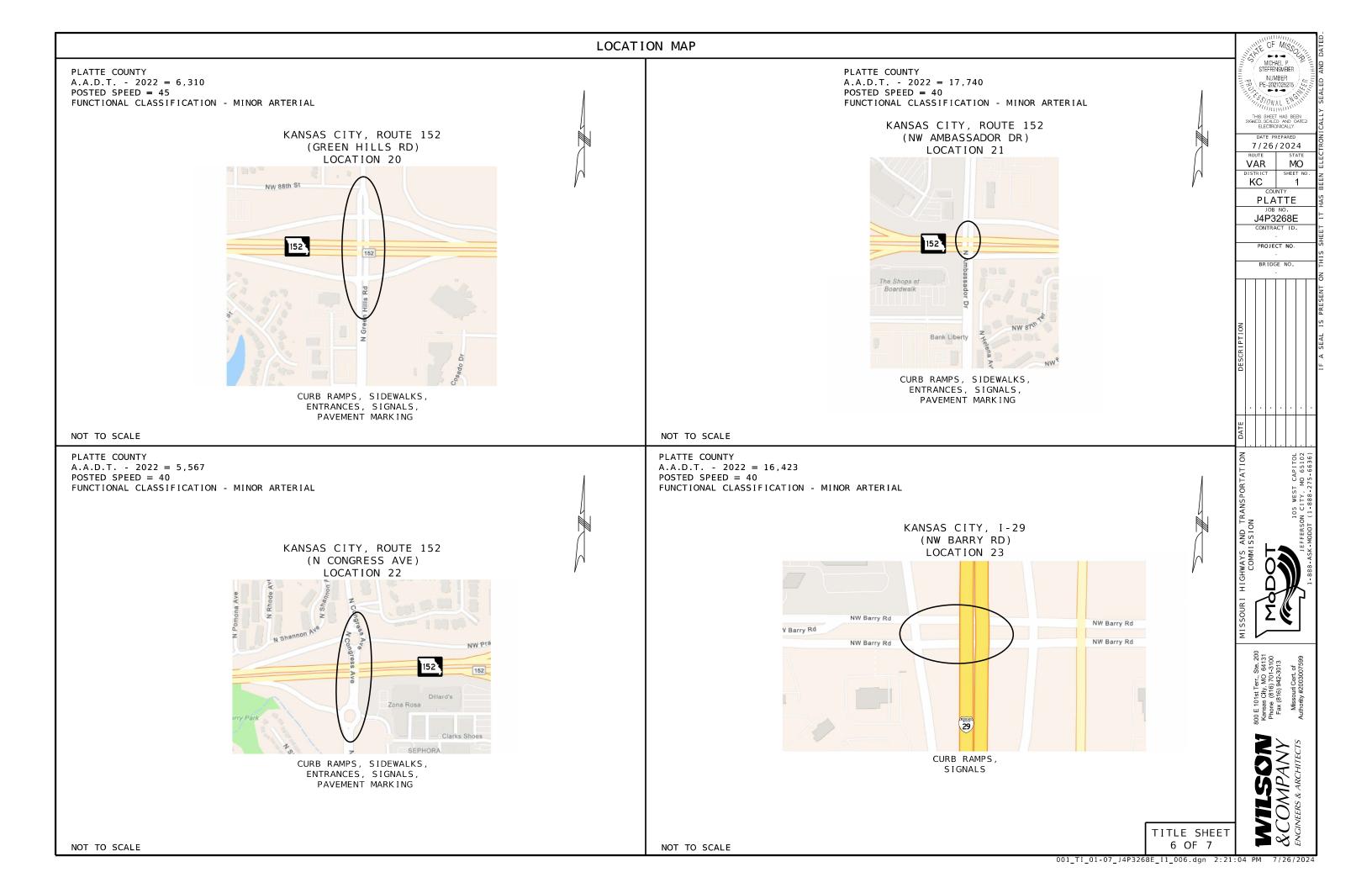
CLAY COUNTY A.A.D.T. - 2022 = 5,540POSTED SPEED = 35FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

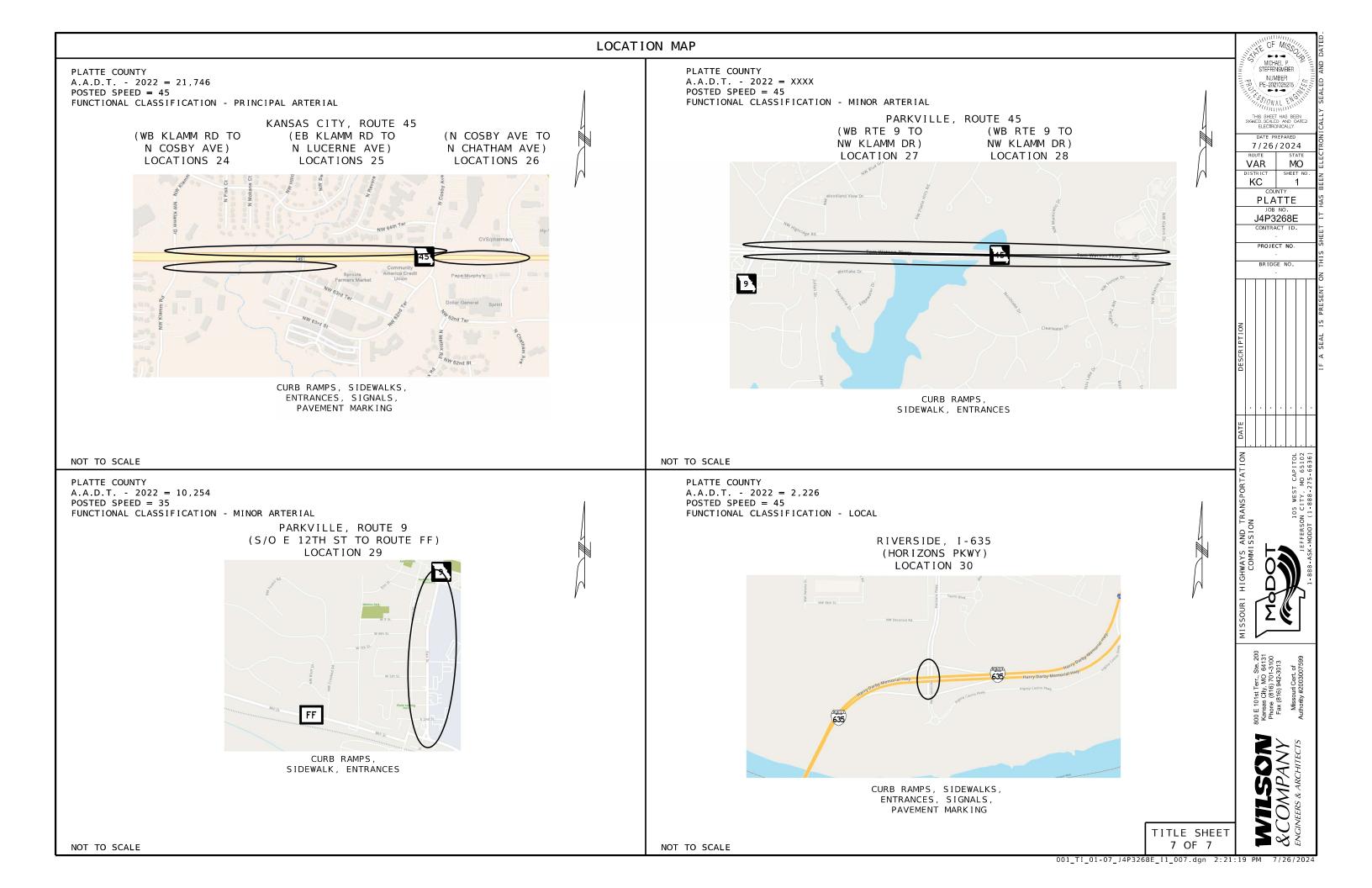
> SMITHVILLE, ROUTE 92 (ROUTE 169 TO COMMERCIAL AVE) LOCATION 19

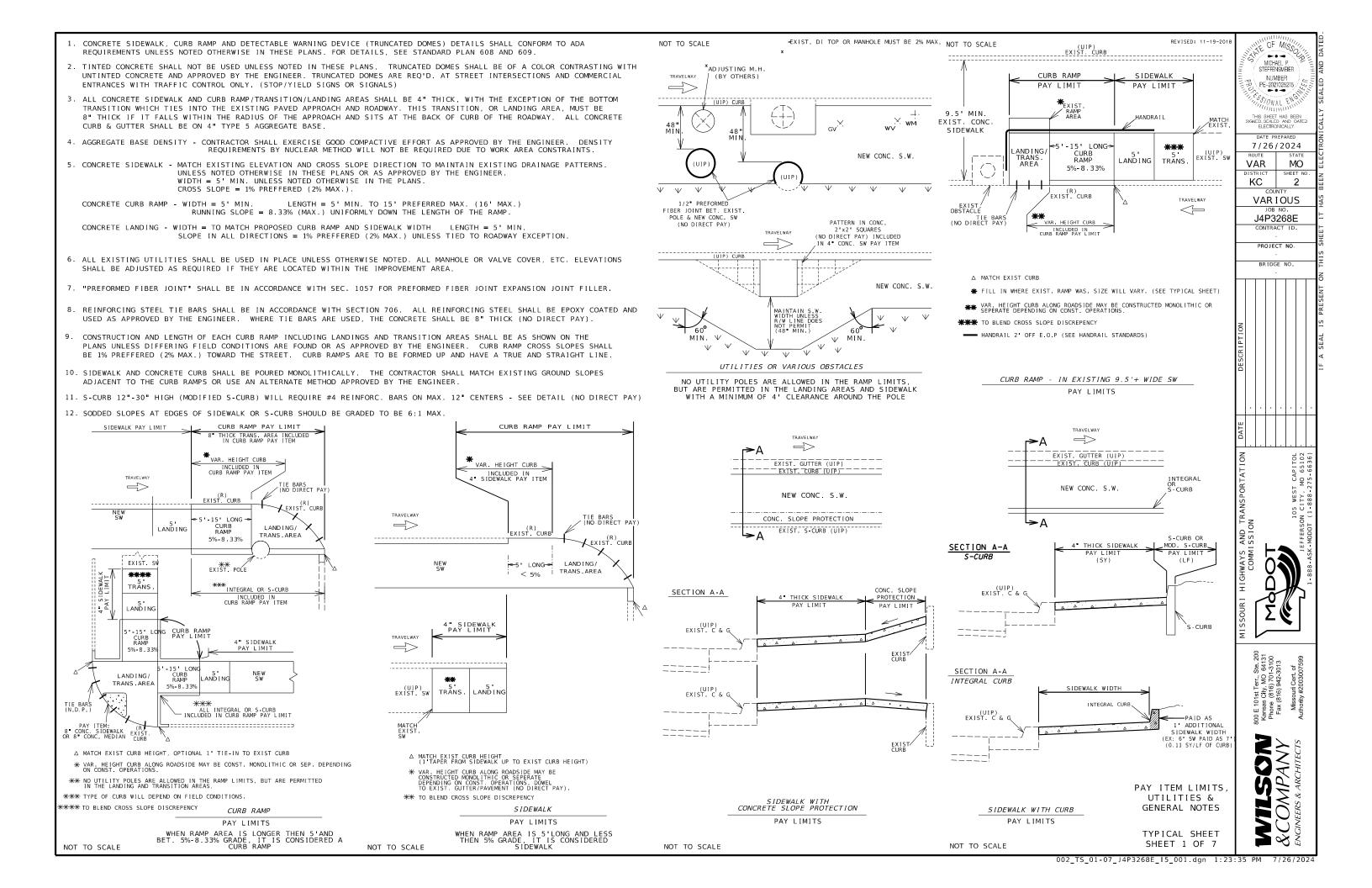


SIDEWALK

TITLE SHEET 5 OF 7

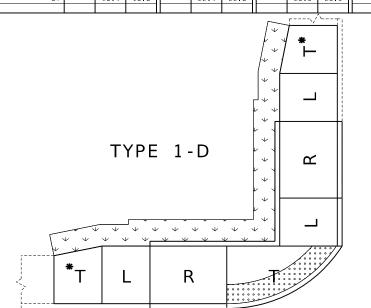


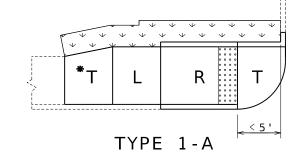


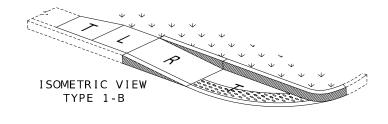


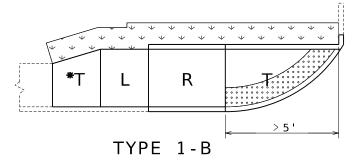
TYPE 1-E										
LENGTH (LF)		8			12			16		REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	18.0	24.0	-	18.0	24.0	-	18.0	24.0	
CURB RAMP SY	-	14.8	19.0	-	20.1	25.2	-	25.5	31.4	
CONC. SIDEWALK SY	-	11.2	12.8	-	11.2	12.8	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	43.0	46.0	-	52.0	55.0	-	59.0	62.0	
SODDING SY	-	13.3	13.6	-	16.0	16.9	-	18.6	19.3	

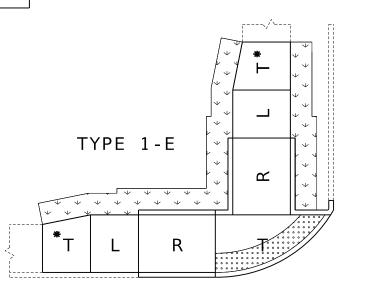
TYPE 1-F										
LENGTH (LF)		8			12			16		REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	14.0	16.0	-	14.0	16.0	-	14.0	16.0	
CURB RAMP SY	-	15.5	19.0	-	20.8	25.2	-	26.2	31.4	
CONC. SIDEWALK SY	-	11.2	12.8	-	11.2	12.8	-	9.8	11.4	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	43.0	46.0	-	52.0	55.0	-	59.0	62.0	
SODDING SY	_	18 4	18 8	_	22 4	22 8	_	25 6	25 9	

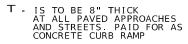


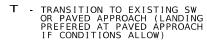












- T IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK (IT WILL BLEND THE EXIST XSLOPE INTO THE NEW LANDING XSLOPE) TRANSITION SHOULD BE DONE OVER 5

REVISED: 07-16-2019

L - LANDING

R - RAMP

- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

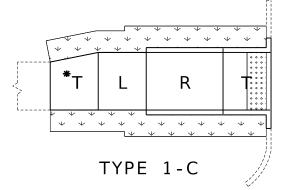
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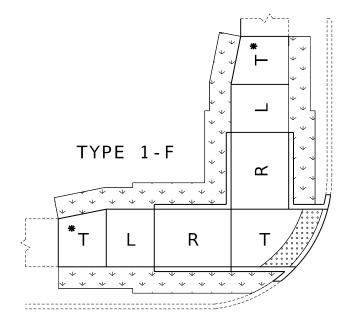
- TRUNCATED DOME LOCATION IF DIST. IS < 5' OR >5'

TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

NOTE:

QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS. TYPICALS AND DETAILS PROVIDED ARE FOR USE IN THE FIELD, SHOULD ADJUSTMENTS NEED TO BE MADE.





NOT TO SCALE

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 2 OF 7 MICHAEL P.

DATE PREPARED
7 / 26 / 2024
ROUTE STATE
VAR MO
DISTRICT SHEET NO.
KC 2

COUNTY
VAR I OUS

JOB NO.

J4P3268E

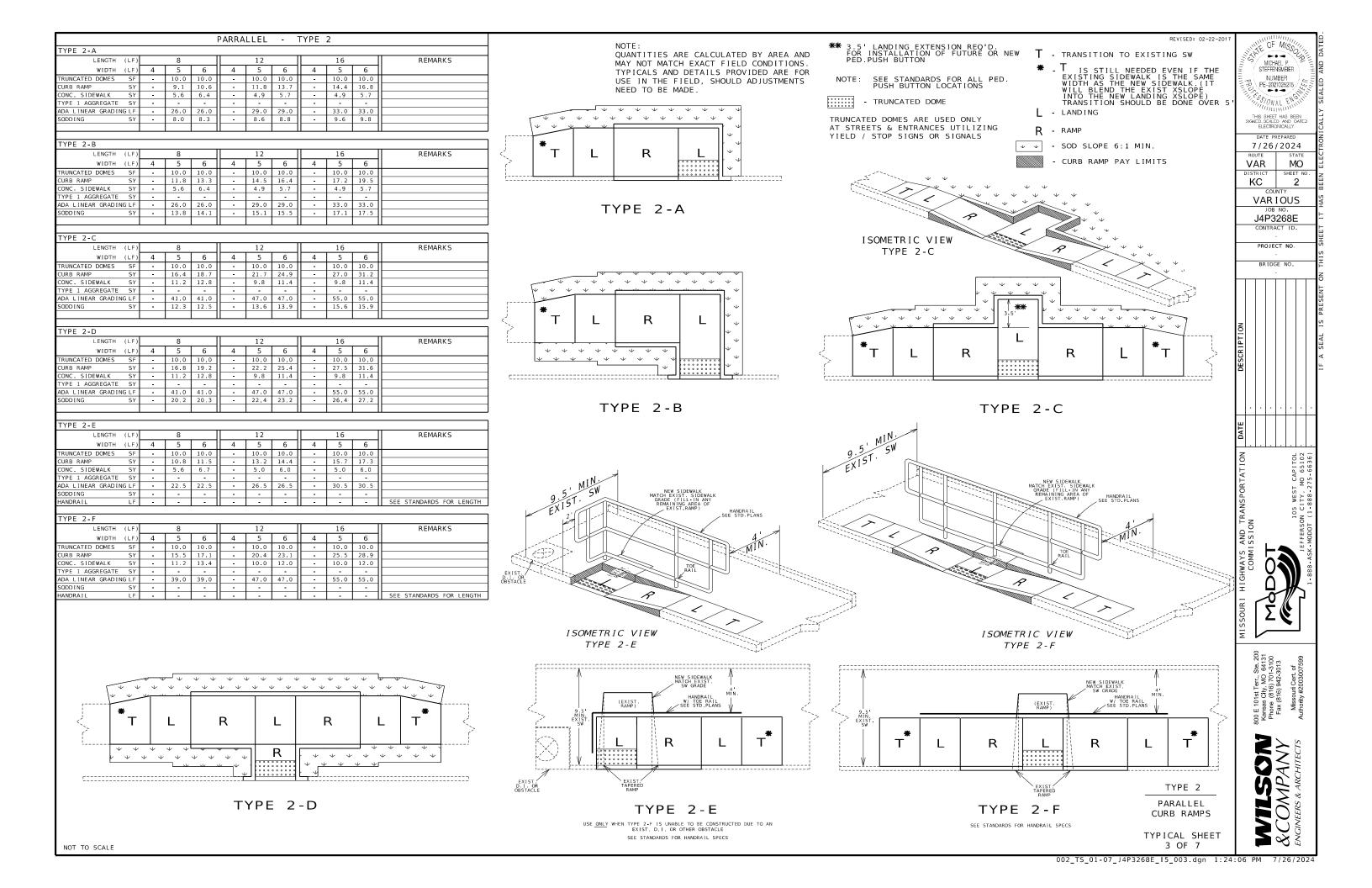
PROJECT NO

DESCRIPTION DESCRIPTION

HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102

800 E 101st Terr., Ste. 200 Kansas City, MO 64131 Phone (816) 701-3100 Fax (816) 942-3013 Missouri Cert. of

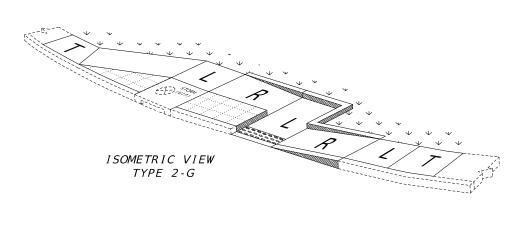
> KILSSY &COMPANY ENGINEERS & ARCHITECTS

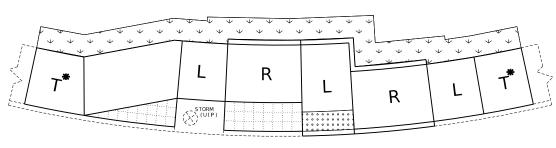


PARRALLEL - TYPE 2 (cont'd.)										
TYPE 2-G										
LENGTH (LF)		8			12			16		REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	12.0	12.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	15.7	18.0	-	20.8	23.7	-	25.8	30.2	
CONC. SIDEWALK SY	-	21.4	25.0	-	17.6	20.3	-	15.2	17.5	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	52.0	52.0	-	54.0	54.0	-	58.0	58.0	
SODD ING SY	-	13.6	13.6	-	13.7	13.5	-	14.5	14.9	

TYPE 2-H										
LENGTH (LF)	8				12			16		REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	12.0	12.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	15.7	18.0	-	21.0	24.5	-	26.9	31.4	
CONC. SIDEWALK SY	-	13.2	16.0	-	12.0	14.2	-	12.0	14.4	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	42.0	42.0	-	49.0	49.0	-	55.0	55.0	
SODDING SY	-	11.1	11.2	-	12.5	12.5	-	14.5	14.9	

PATTERN IN CONC. SW 2'x2' SQUARES (NO DIRECT PAY)





TYPE 2-G

T - IS STILL NEEDED EVEN IF THE
EXISTING SIDEWALK IS THE SAME
WIDTH AS THE NEW SIDEWALK (IT
WILL BLEND THE EXIST XSLOPE
INTO THE NEW LANDING XSLOPE)
TRANSITION SHOULD BE DONE OVER 5

 T - TRANSITION TO EXISTING SW

L - LANDING

R - RAMP

- SOD SLOPE 6:1 MIN.

- TRUNCATED DOME LOCATION IF DIST. IS <5' OR > 5'

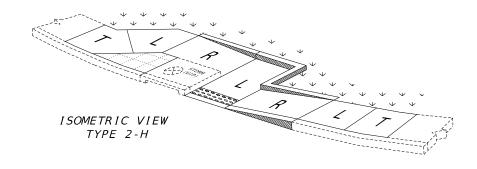
TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS

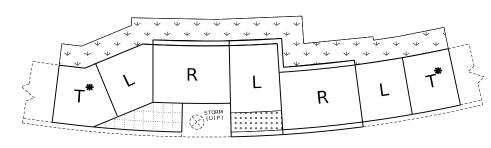
- CURB RAMP PAY LIMITS

- INCLUDED IN 4" CONC. SIDEWALK
PAY LIMIT

NOTE:

QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS. TYPICALS AND DETAILS PROVIDED ARE FOR USE IN THE FIELD, SHOULD ADJUSTMENTS NEED TO BE MADE.





PATTERN IN CONC. SW 2'x2' SQUARES (NO DIRECT PAY)

TYPE 2-H

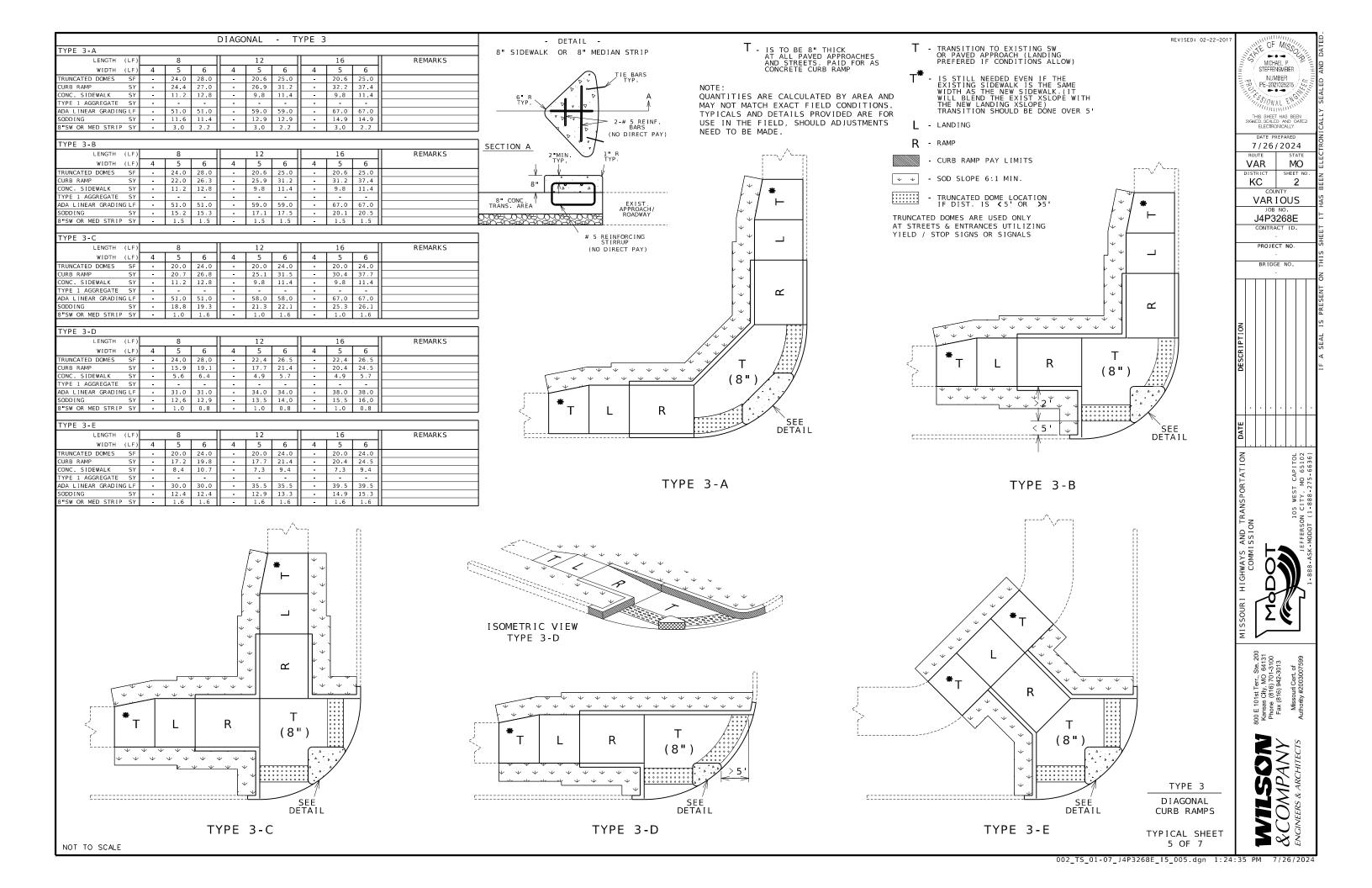
TYPE 2

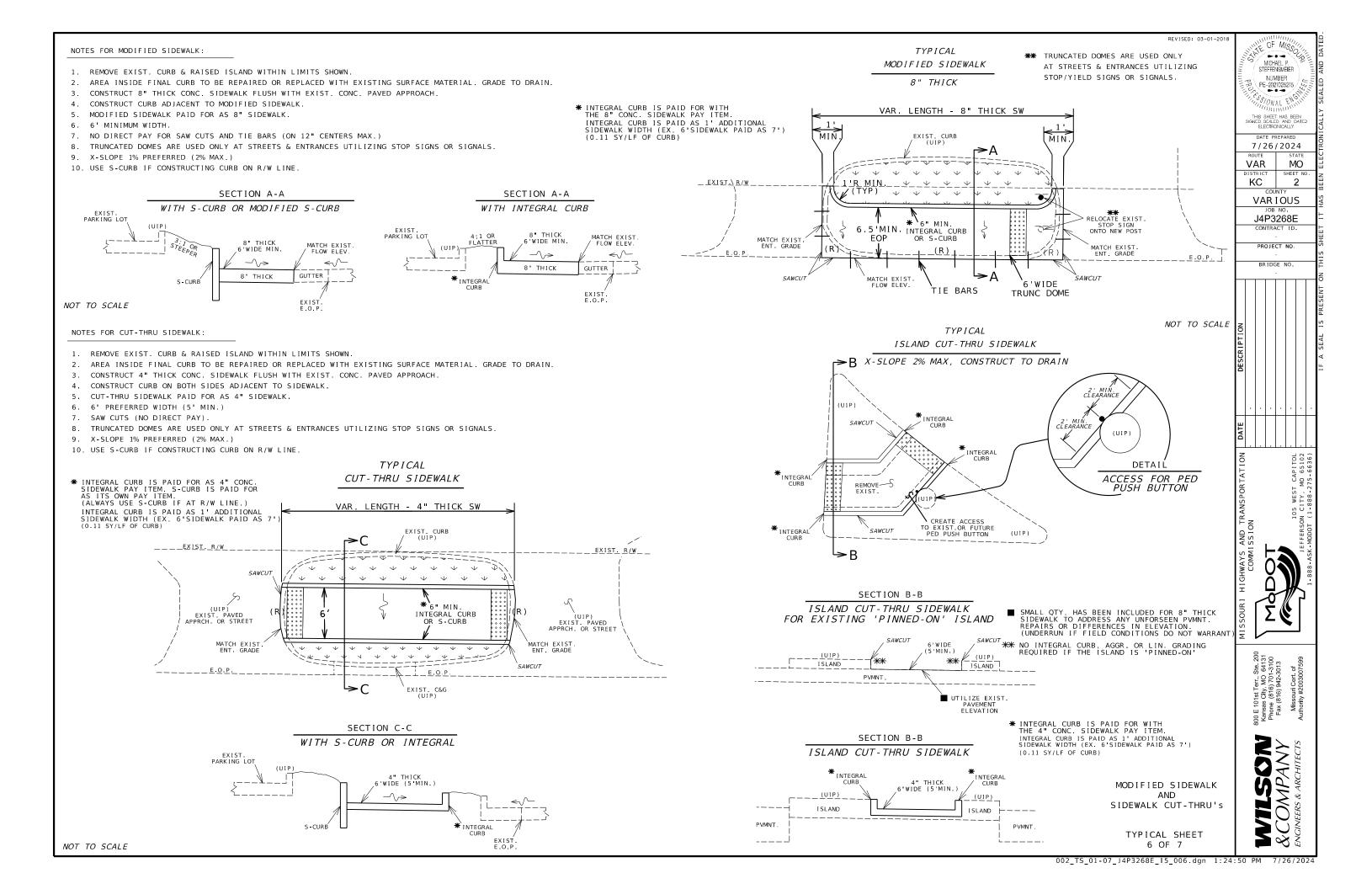
PARALLEL
CURB RAMPS

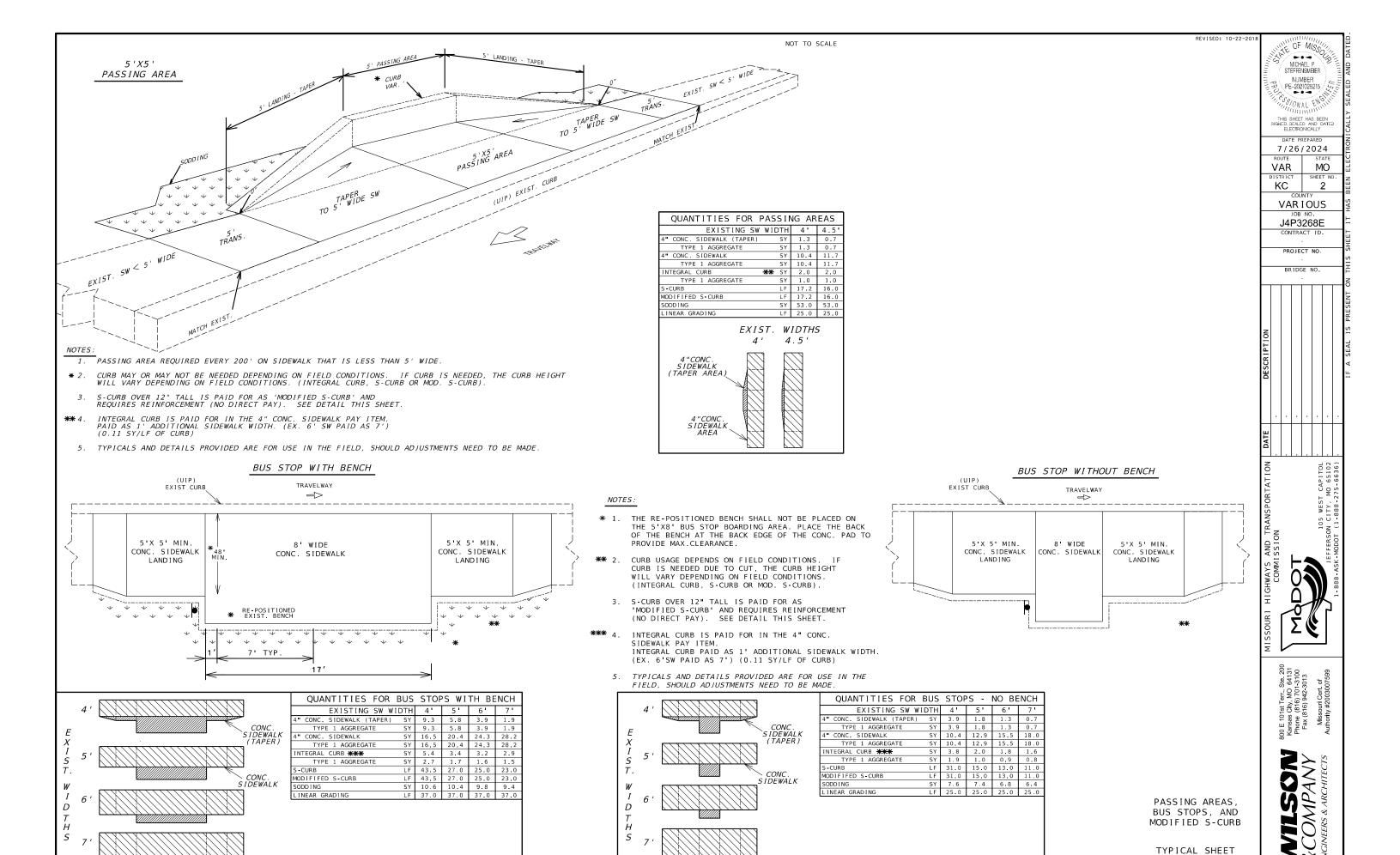
TYPICAL SHEET 4 OF 7

REVISED: 02-22-201 MICHAEL P. STEFFENSMEIER NUMBER NUMBER PE-2021025215 PE-2021025215 7/26/2024 VAR МО SHEET NO KC 2 **VARIOUS** JOB NO. J4P3268E PROJECT NO. BRIDGE NO. 800 E 101st Terr., Ste. 200 Kansas City, MO 64131 Phone (816) 701-3100 Fax (816) 942-3013

NOT TO SCALE







NOT TO SCALE

7 OF 7

			NTY REMOVAL OF IMPROVEME	
SHEET		LOCATION	DESCRIPTION	REMARKS
4 - 5	RTE 1	RTE 152 TO 80TH ST	APPROX 31 SY SIDEWALK	
4-3	NIL 1	KIE 132 10 00111 31	APPROX 23 LF CURB AND GUTTER	
			APPROX 812 SY SIDEWALK	
6 - 10	RTE 152	I-35 TO W/O FLINTLOCK	APPROX 17 LF CURB AND GUTTER	
			APPROX 1 SY MEDIAN STRIP	
			APPROX 66 SY SIDEWALK	
11	RTE 152	AT SHOAL CREEK PKWY	APPROX 14 LF CURB AND GUTTER	
			APPROX 3 SY MEDIAN STRIP	
12-13	RTE 152	AT BRIGHTON AVE	APPROX 120 SY SIDEWALK	
12-13	KIL 132	AT BRIGHTON AVE	APPROX 70 LF CURB AND GUTTER	
14-15	RTE 152	AT MAPLEWOODS PKWY	APPROX 1426 SY SIDEWALK	
14-13	KIL 132	AT MAPLEWOODS PRWT	APPROX 51 LF CURB AND GUTTER	
			APPROX 111 SY SIDEWALK	
16-17			APPROX 30 LF CURB AND GUTTER	
	RTE 152	AT N OAK TRFWY	APPROX 1 SY MEDIAN STRIP	
			APPROX 4 LF CONCRETE BARRIER	
18-19	RTE 169	AT 68TH ST	APPROX 188 SY SIDEWALK	
10-13	103	A1 00111 31	APPROX 48 LF CURB AND GUTTER	
			APPROX 1067 SY SIDEWALK	
20-21	RTE 169	AT BRIARCLIFF PKWY	APPROX 89 LF CURB AND GUTTER	
			APPROX 24 SY MEDIAN STRIP	
22	RTE 69	AT JACKSON AVE	APPROX 14 SY SIDEWALK	
~ ~ ~	KIE 05	AT JACKSON AVE	APPROX 18 LF CURB AND GUTTER	
26	RTE 291	SO BROWN ST TO REED ST	APPROX 16 SY SIDEWALK	
20	KIL 231	30 BROWN 31 TO REED 31	APPROX 16 LF CURB AND GUTTER	
			APPROX 193 SY SIDEWALK	
27-29	RTE 291	SO ORCHARD ST TO SO KANSAS ST	APPROX 16 LF CURB AND GUTTER	
			APPROX 170 LF HANDRAIL	
30-35	RTE 291	96TH TO FLINTLOCK	APPROX 950 SY SIDEWALK	
30-33	KIL 231	JOHN TO TETNIEGER	APPROX 245 LF CURB AND GUTTER	
37-39	RTE 210	OZARK TO TANEY ST	APPROX 198 SY SIDEWALK	
37-33	1.16 210	OZAM TO TAMET ST	APPROX 25 LF CURB AND GUTTER	
			APPROX 1571 SY SIDEWALK	
40-44	RTE 1	S/O TANEY TO 32ND	APPROX 148 LF CURB AND GUTTER	
			APPROX 346 SY PAVED APPROACH	
				ALL VERTICAL SAW CUTS SHALL AND TRUNCAT
		TOTAL	LUMP SUM 1	DOMES TO BE INCIDENTIAL TO REMOVALS

		PLATTE COI	UNTY REMOVAL OF IMPROVEM	1ENTS
SHEET		LOCATION	DESCRIPTION	REMARKS
56-57	RTE 152	AT GREEN HILLS RD	APPROX 248 SY SIDEWALK	
58-59	RTE 152	AT NW AMBASSADOR DR	APPROX 503 SY SIDEWALK	
36-39	KIE 132	AT INW AMBASSADOR DR	APPROX 14 LF CURB AND GUTTER	
60-61	I-29	AT BARRY RD	APPROX 696 SY SIDEWALK	
00-01	1-29	AT BARRI RD	APPROX 114 LF CURB AND GUTTER	
62-68	RTE 45	WB KLAMM RD TO COSBY AVE	APPROX 46 SY SIDEWALK	
			APPROX 2194 SY ASPHALT	
			APPROX 50 SY SIDEWALK	
62-65	RTE 45	5 EB KLAMM RD TO LUCERNE AVE	APPROX 66 LF CURB AND GUTTER	
			APPROX 1083 SY ASPHALT	
68	RTE 45	COSBY AVE TO CHATHAM AVE	APPROX 70 SY SIDEWALK	
	1012 43	COSDI AVE TO CHATHAM AVE	APPROX 31 LF CURB AND GUTTER	
				ALL VERTICAL SAW CUTS SHALL AND TRUNCATED
		TOTAL	LUMP SUM 1	DOMES TO BE INCIDENTIAL TO REMOVALS

SEEDING AN	D MULCHING
SEEDING COOL - SEASON GRASSES (ACRES)	MULCHING (ACRES)
16	16

MOBILIZATION - 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING -1 LUMP SUM

CLEARING AND GRUBBING AT NO DIRECT PAY

ADDITIONAL MOBILIZATION FOR SEEDING = 1 EACH

RELOCATE EXISTING SIGN = 1 EACH

With Hills	PRO CALLERY SIGN	PE	NUM -202	IBEF 1025	215 215 ENC	11.WEF.D	Thinnana .
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	V	AR ric	T	S		Ю).
-	K		COU		,	3	
-			JOB	NO		<u>S</u> -	
H			P3			-	
		PR	OJE	CT	NO .		
		BR	IDO	E M	۷0.		
DESCRIPTION				•			
DATE							
ISSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION				105 WEST CAPITOL	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)

800 E 101st Terr., Sit Kansas City, MO 6-Phone (816) 701-3 Fax (816) 942-30'

WILSON &COMPANY ENGINEERS & ARCHITECTS

CLAY AND PLATTE COUNTY SUMMARY OF QUANTITIES SHEET 1 OF 11

					CONCR	ETE SIDEW	/ALK					
			SOUTH/NORTH	TDUNCATED	CURB	4"	7"	8"	ADA		CONCRETE CURB TYPE S	
DOLLTE	LOCATION	CHEET	SOUTH/NORTH	l I		1			LINEAR	SODDING	LESS/EQ 6"	DEMARKS
ROUTE	LOCATION	SHEET	NAMEST /FAST	DOMES	RAMP	SIDEWALK	SIDEWALK	SIDEWALK	GRADING		(1"-6")	REMARKS
			WEST/EAST	SF	SY	SY	SY	SY	LF	SY	LF	
Rte 1	Rte 152 to 80th St	5	WEST	20.0	13.9	18.9			120.0	26.7		KANSAS CITY
			NORTH	20.0	28.2	6.8			98.0	21.8		KANSAS CITY
		6	SOUTH	32.0	20.7	63.6			224.0	49.8		KANSAS CITY
	L 25 to W/() Flintlock	7	SOUTH			277.5			832.0	184.9		KANSAS CITY
	I-35 to W/O Hintlock	8	SOUTH	28.0	27.6	272.2			864.0	192.0		KANSAS CITY
		9	SOUTH	17.0	11.5	81.4			270.0	60.0		KANSAS CITY
		10	SOUTH			22.3			40.0	8.9		KANSAS CITY
	at Shoal Creek Pkwy	11	EAST	66.0	9.7	7.2			28.0	6.2		KANSAS CITY
	at Shoar Creek Pkwy	11	WEST	69.0	16.3	32.7			46.0	10.2		KANSAS CITY
			EAST	13.0	6.0	11.3			60.0	13.3		KANSAS CITY
Rte 152	at Brighton Ave	12	WEST	48.0	42.6	25.5			110.0	24.4		KANSAS CITY
NIE 13Z	at Brighton Ave		SOUTH	20.0				3.7				KANSAS CITY
		13	WEST	26.0	14.7	12.9			42.0	9.3		KANSAS CITY
	_	14	EAST	44.0	13.4	530.2			690.0	153.3		KANSAS CITY
	at Maple Woods Pkwy	17	WEST	38.0	25.0	249.1			864.0	192.0		KANSAS CITY
	at Maple Woods I kwy	15	EAST	108.0	65.2	268.5			401.3	89.2		KANSAS CITY
		1.5	WEST	42.0	34.5	121.9			354.0	78.7		KANSAS CITY
		16	EAST	22.0	12.3	13.3		6.7	74.0	16.4		KANSAS CITY
	at N Oak Trfy	10	WEST	42.0	17.2	36.3		6.7	70.0	15.6		KANSAS CITY
	de it out iny	17	EAST	11.0	12.4	3.5			22.0	4.9		KANSAS CITY
			WEST	12.0	6.7	6.7						KANSAS CITY
		18	NORTH	20.0	26.4	4.0			40.0	8.9	13.0	KANSAS CITY
	at 68th		SOUTH	22.0	34.7	4.3					48.0	KANSAS CITY
	di sotti	19	NORTH	48.0	47.2	18.4			138.0	30.7	10.0	KANSAS CITY
Rte 169		1.5	SOUTH	33.0	35.4	2.8			42.0	9.3	42.0	KANSAS CITY
1110 105		20	NORTH	25.0	16.7	311.1			710.0	157.8		KANSAS CITY
	at Briarcliff Pkwy		SOUTH	42.0	23.6	252.4		8.5	268.0	59.6		KANSAS CITY
	at Sitai sitti i kitiy	21	NORTH	50.0	28.0	208.9			784.0	174.2		KANSAS CITY
			SOUTH	27.0	20.5	181.2			688.5	153.0		KANSAS CITY
Rte 69	at Jackson Ave	22	NORTH	22.0	14.0				22.0	4.9		KANSAS CITY
	S/O Brown St to Reed St	26	SOUTH	20.0	5.2	12.0			60.0	13.3		LIBERTY
		27	NORTH	10.0	10.0	92.3			306.3	68.1		LIBERTY
	S/O of Orchard St to S/O Kansas St	28	NORTH			15.3			55.0	12.2		LIBERTY
		29	NORTH			75.4			271.5	60.3	30.0	LIBERTY
		30	NORTH			25.0			90.0	20.0		LIBERTY
		31	NORTH	20.0	12.3	162.3			608.0	135.1		LIBERTY
Rte 291		32	NORTH			50.0			180.0	40.0		LIBERTY
	061 . 51 .1 .	33	NORTH	12.0	23.2	70.6			320.0	71.1		LIBERTY
	96th to Flintlock		SOUTH			130.1			464.0	103.1		LIBERTY
		34	NORTH	20.0	14.3	24.5			128.0	28.4		LIBERTY
			SOUTH	F2.0	05.5	310.2			1030.0	228.9	20.0	LIBERTY
		35	NORTH	52.0	95.5	89.3			428.0	95.1	30.0	LIBERTY
			SOUTH	52.0	47.7	36.2			44.0	9.8	45.0	LIBERTY
		37	NORTH	10.0	7.1	5.6			80.0	17.8	10.0	NORTH KANSAS CITY
Rte 210	Ozark to Taney St	38	NORTH SOUTH	21.0 48.0	14.5	5.6			100.0	44.0	19.0 5.0	NORTH KANSAS CITY
		39	_		42.5 27.1	33.4			198.0	44.0	6.0	NORTH KANSAS CITY
			NORTH	27.0		66.1		0.0	374.0	83.1	0.0	NORTH KANSAS CITY
		40	WEST	15.0	11.5	28.8		8.9	60.0	13.3		NORTH KANSAS CITY NORTH KANSAS CITY
		41	WEST	108.0	96.7	130.8		72.9	394.0	87.6		
			EAST	13.0	26.4	10.9	27.4		40.0	8.9		NORTH KANSAS CITY
Rte 1	S/O Taney to 32nd	42	WEST	30.0	22.5	181.6	37.4		845.0	187.8		NORTH KANSAS CITY
		42	EAST	29.0	36.4	263.7	33.7		910.9	202.4		NORTH KANSAS CITY
		43	EAST	12.0	0.0	227.3	87.3		1138.9	253.1		NORTH KANSAS CITY
		44	WEST	12.0	8.6	21.6	25.0		100.8	22.4		NORTH KANSAS CITY
			EAST	32.0	28.7	189.1	35.6	107.2	886.3	196.9	240.0	NORTH KANSAS CITY
			TOTALS	1498.0	1154.4	5302.4	193.9	107.3	16914.5	3758.8	248.0	

DISTRICT SHEET NO.

COUNTY

CO COUNTY
CL·AY

JOB NO.
J4P3268E

CONTRACT ID. PROJECT NO.

CLAY COUNTY
SUMMARY OF QUANTITIES
SHEET 2 OF 11

			CONCRET	E CURB & GUT	TER			
			COLUMN NORTH	CONCRETE	CONCRETE	DRAINAGE	4" TYPE 5	
BOLITE	LOCATION	CHEET	SOUTH/NORTH	CURB &	GUTTER	COVER	AGGR.	DE1.44.BVG
ROUTE	LOCATION	SHEET	\\\F6T /F \ 6T	GUTTER	TYPE A	PLATE	FOR BASE	REMARKS
			WEST/EAST	LF	LF	EA	SY	1
Rte 1	Rte 152 to 80th St	5	WEST	22.5			6.3	KANSAS CITY
	I-35 to W/O Flintlock	6	SOUTH	17.0			4.7	KANSAS CITY
	at Shoal Creek Pkwy	11	NORTH	14.0			3.9	KANSAS CITY
		43	EAST	45.0			12.5	KANSAS CITY
	at Brighton Ave	12	WEST	12.0			3.3	KANSAS CITY
		13	WEST	13.0			3.6	KANSAS CITY
Rte 152		14	EAST	12.0	6.0		5.0	KANSAS CITY
	at Maple Woods Pkwy	15	EAST	11.0			3.1	KANSAS CITY
		15	WEST	22.0			6.1	KANSAS CITY
		1.0	EAST	10.0			2.8	KANSAS CITY
	at N Oak Trfy	16	WEST	10.0			2.8	KANSAS CITY
		17	EAST	10.0			2.8	KANSAS CITY
	at 68th	19	NORTH	48.0			13.3	KANSAS CITY
		20	NORTH	24.0			6.7	KANSAS CITY
Rte 169	at Briarcliff Pkwy	20	SOUTH	21.0			5.8	KANSAS CITY
	at Briarciitt Pkwy	24	NORTH	19.0			5.3	KANSAS CITY
		21	SOUTH	25.0			6.9	KANSAS CITY
Rte 69	at Jackson Ave	22	WEST	18.0			5.0	KANSAS CITY
	S/O Brown St to Reed St	26	SOUTH	16.0			4.4	LIBERTY
	SO Outland State SO Kanasa St	27	NORTH	16.0			4.4	LIBERTY
	SO Orchard St to SO Kansas St	29	NORTH			1.0		LIBERTY
Rte 291		31	NORTH	32.0			8.9	LIBERTY
Kte 291		33	NORTH	12.0			3.5	LIBERTY
	96th to Flintlock	34	NORTH	28.0			7.8	LIBERTY
		35	NORTH	79.0			21.9	LIBERTY
		35	SOUTH	94.0			26.1	LIBERTY
D+= 210	One slote Terror St	38	NORTH	12.0			3.3	NORTH KANSAS CI
Rte 210	Ozark to Taney St	38	SOUTH	13.0			3.6	NORTH KANSAS CI
		41	WEST	63.0			17.5	NORTH KANSAS CI
		42	WEST	36.0			10.)	NORTH KANSAS CI
Rte 1	S/O Taney to 32nd	42	EAST	26.0			7.2	NORTH KANSAS CI
			WEST	11.0			3.1	NORTH KANSAS CI
		44	EAST	12.0			3.3	NORTH KANSAS CI
			TOTALS	803.5	6.0	1.0	224.9	

			PAVED APP	ROACH			
ROUTE	LOCATION	SHEET	SOUTH/NORTH	7" PAVED APPROACH	8" PAVED APPROACH	4" TYPE 5 AGGR. FOR BASE	REMARKS
			WEST/EAST	SY	SY	SY	-
		40	WEST		20.4	20.4	NORTH KANSAS CITY
		41	WEST		126.4	126.4	NORTH KANSAS CITY
Dt - 1	S/O T 122-d	42	WEST	45.7		45.7	NORTH KANSAS CITY
Rte 1	S/O Taney to 32nd	42	EAST	33.6		33.6	NORTH KANSAS CITY
		43	EAST	84.2		84.2	NORTH KANSAS CITY
		44	EAST	35.6		35.6	NORTH KANSAS CITY
			TOTALS	199.1	146.8	345.9	

	1AH	NDRAILIN	G WITHOUT BA	ALUSTERS		
			SOUTH/NORTH	HANDRAILING	HANDRAILING	
ROUTE	LOCATION	SHEET	300111/1101111	WITHOUT	WITH	REMARKS
ROUTE	LOCATION		WEST/EAST	BALUSTERS	BALUSTERS	REIVIANNS
			WEST/EAST	LF	LF	
Rte 291	S/O of Orchard St to S/O Kansas St	27	NORTH	140.0		LIBERTY
Mte 231	3/O Of Orchard St to 3/O Kansas St	29	NORTH		30.0	LIBERTY
			TOTALS	140.0	30.0	

			MISC. CON	ICRETE			
ROUTE	LOCATION	SHEET	SOUTH/NORTH	6" CONCRETE MEDIAN STRIP	8" CONCRETE MEDIAN STRIP	4" TYPE 5 AGGR. FOR BASE	REMARKS
			WEST/EAST	SY	SY	SY	
	N Flintlock Rd	G	NORTH		0.9	0.0	KANSAS CITY
	at N Church Rd	8	NORTH	1.1		1.1	KANSAS CITY
Dto 153	at Shoal Creek Pkwy	11	SOUTH	2.5		2.5	KANSAS CITY
Rte 152	at Brighton Ave	12	WEST		0.9	0.9	KANSAS CITY
	at N Oak Trfy	16	EAST WEST		0.4	0.4	KANSAS CITY KANSAS CITY
		18	NORTH		1.7	1.7	KANSAS CITY
	at 68th St	10	SOUTH		14.5	14.5	KANSAS CITY
Rte 169	at both st	19	NORTH		1.1	1.1	KANSAS CITY
		19	SOUTH		2.6	2.6	KANSAS CITY
	at Briarcliff Pkwy	21	NORTH	23.6		23.6	KANSAS CITY
Rte 291	N Ash Ave	35	WEST		2.0	2.0	LIBERTY
			TOTALS	27.2	24.5	51.7	

		EROS	ION CONTROL			
ROUTE	LOCATION	SHEET	SOUTH/NORTH	CURB	SEDIMENT REMOVAL	REMARKS
			WEST/EAST	CHECK EA	CY	
		6	NORTH	1.0	1.0	KANSAS CITY
	L 25 to W/O Flight of	ь	SOUTH	1.0	1.0	KANSAS CITY
	I-35 to W/O Flintlock	7	SOUTH	1.0	1.0	KANSAS CITY
		8	SOUTH	2.0	2.0	KANSAS CITY
	at Shoal Creek Pkwy	11	NORTH	1.0	1.0	KANSAS CITY
Rte 152		12	EAST	2.0	2.0	KANSAS CITY
Kte 152	at Brighton Ave	12	WEST	2.0	2.0	KANSAS CITY
		13	WEST	1.0	1.0	KANSAS CITY
		14	EAST	3.0	3.0	KANSAS CITY
	at Maple Woods Pkwy	14	WEST	3.0	3.0	KANSAS CITY
	at Maple Woods Pkwy	15	EAST	1.0	1.0	KANSAS CITY
		15	WEST	1.0	1.0	KANSAS CITY
	at 68th	19	NORTH	1.0	1.0	KANSAS CITY
		20	NORTH	2.0	2.0	KANSAS CITY
Rte 169	at Briarcliff Pkwy	20	SOUTH	2.0	2.0	KANSAS CITY
	at Briarciiri FRWy	21	NORTH	1.0	1.0	KANSAS CITY
		21	SOUTH	2.0	2.0	KANSAS CITY
	S/O of Orchard St to S/O Kansas St	29	NORTH	1.0	1.0	LIBERTY
		34	NORTH	1.0	1.0	LIBERTY
Rte 291	96th to Flintlock	34	SOUTH	1.0	1.0	LIBERTY
	Jour to Fillitiock	35	NORTH	1.0	1.0	LIBERTY
			SOUTH	1.0	1.0	LIBERTY
Rte 210	Ozark to Taney St	37	NORTH	2.0	2.0	NORTH KANSAS CITY
WIE ZIO	Ozaik to railey 5t	39	NORTH	2.0	2.0	NORTH KANSAS CITY
Rte 1	S/O Taney to 32nd	42	WEST	2.0	2.0	NORTH KANSAS CITY
			TOTALS	38.0	38.0	

CLAY COUNTY
SUMMARY OF QUANTITIES
SHEET 3 OF 11

ORTATION DATE DESCRIPTION CONTACT CONT	ROI VA DIST	DAT AR CON	OF NUM -202	MBEF HI028	SS SE S	HO T NK 33	
GHWAYS AND TRANSPORTATION DA	COMMISSION		<u> </u>		105 WEST CAPITOL	JEFFERSON CITY, MO 65102	-888-ASK-MODOT (1-888-275-6636)

			FAVEIVI	ENT MARKING	PREFORMED	PREFORMED		PAVEMEN
				SOUTH/NORTH	THERMOPLASTIC	THERMOPLASTIC	PAVEMENT	MARKING
ROUTE	LOCATION	SHEET	INTERSECTING	,	PAVEMENT MARKING	PAVEMENT MARKING	MARKING	SYMBOL
			SIDEROAD	14.5CT /5 A CT	30" WHITE MIDBLOCK	24' WHITE STOP BAR	REMOVAL	REMOVAL
				WEST/EAST	EA	LF	LF	EA
				NORTH	14	36	201	
Rte 1	Rte 152 to 80th St	4	MAPLEWOODS PKWY	EAST		48	48	
	Ntc 152 to ooti15t	-	WAI EEWOODS I KW I	SOUTH	18	36	248	
				WEST	14	36	201	
				NORTH	19	62	286	
		6	FLINTLOCK RD	EAST	20	60	295	
				SOUTH	21	69	316	
				WEST	21	63 56	310 303	
	I-35 to W/O Flintlock			NORTH EAST	21	60	303	
	1 33 to W/O Timelock	8	CHURCH RD	SOUTH	15	47	224	
				WEST	23	63	334	
		9	EVANSTON AVE	SOUTH	25	12	12	
			NB I-35 EXIT RAMP	SOUTH	14	65	65	14
		10	NB I-35 ENTRANCE RAMP	NORTH	8	·		8
				WEST	17	46	246	
	at Shoal Creek Pkwy	11	NE SHOAL	EAST	18	53	265	
te 152	at Shoar Creek FRWy	11	CREEK PKWY	NORTH		44	44	
ļ				SOUTH	18	53	265	
		12	EB MO ROUTE 152 EXIT RAMP	SOUTH	10	36	154	
	at Brighton Ave			WEST	8	44	138	
-		13	WB MO ROUTE 152 ENTRANCE RAMP	WEST	7		83	_
		14	EB MO ROUTE 152 EXIT RAMP	NORTH	9	10	140	9
	at Maple Woods Pkwy			WEST	9	18	148 106	
	at Maple Woods Pkwy	15	WB MO ROUTE 152 ENTRANCE RAMP	SOUTH	15		100	15
		15	WB MO ROUTE 152 EXIT RAMP	EAST	6	8	79	13
			EB MO ROUTE 152 ENTRANCE RAMP	EAST	9		106	
		16	EB MO ROUTE 152 EXIT RAMP	WEST	10	24	142	
	at N Oak Trfy	47	WB MO ROUTE 152 ENTRANCE RAMP	WEST	10		118	
		17	WB MO ROUTE 152 EXIT RAMP	EAST	9	24	130	
			SB US HWY 169 EXIT RAMP	NORTH	9	42	148	
		18	SB US HWY 169 EXIT RAIMP	WEST	15	33	210	
			SB US HWY 169 ENTRANCE RAMP	SOUTH	8		94	
	at 68th		NB US HWY 169 ENTRANCE RAMP	NORTH	10		118	
		19		EAST	14	33	198	
Rte 169			NB US HWY 169 EXIT RAMP	SOUTH	13	51	204	
-			EB RTE 169	WEST	10	22	22	
		20	SB US HWY 169 EXIT RAMP	NORTH SOUTH	10	48	166 118	
	at Briarcliff Pkwy		SB US HWY 169 ENTRANCE RAMP NB US HWY 169 ENTRANCE RAMP	NORTH	6		71	
		21	NB US HWY 169 EXIT RAMP	SOUTH	14	69	234	
_				NORTH	7	24	107	
Rtc 69	at Jackson Ave	22	N JACKSON AVE	WEST	10	33	151	
				EAST	10	24	24	10
	Ruth Ewing Rd to S/O	25	DITH ENAME DO	SOUTH	23	51	51	23
	Kansas St	25	RUTH EWING RD	WEST	11	16	16	11
				NORTH	23	43	43	23
	SO Brown St to Reed St	26	BROWN ST	EAST	12	30	30	
te 291		30	NORTH FLINTLOCK RD	SOUTH	12	33	33	12
2.71		31	N OVERTON ST	NORTH	7	17	17	7
		33	N CEDAR AVE	NORTH	17	33	33	17
	96th to Flintlock			NORTH	15	35	35	15
		35	N ASH AVE/ NE 96TH ST	SOUTH	11	33	33	11
			·	EAST	14	55	55	14
			CD I 20 ENTRANCE SAME	WEST	14	34	34	14
		37	SB I-29 ENTRANCE RAMP SB I-29 EXIT RAMP	SOUTH NORTH	5 8	39	59 133	
		-	SB I-29 EXIT RAMP	NORTH	4	23	47	
		38	NB I-29 ENTRANCE RAMP	SOUTH	3		36	
te 210	Ozark to Taney St	30		SOUTH	9	36	142	
	NB I-29 EXIT RAMP		NOT 25 EAT MAIN	NORTH	5	14	73	
		39	NB I-29 ENTRANCE RAMP	WEST	19	55	279	
				SOUTH	14	46	211	
			CLAY FOUNDS	WEST	3	12	48	
		41	CLAY EDWARDS DR	NORTH	6	22	93	
Rte 1	S/O Taney to 32nd	42	E SCELLANG	EAST	6	14	85	
	•	42	E 26TH AVE	WEST		14	14	
		44	NE 32ND ST	EAST	6		71	
				TOTALS	778	2074	8710	203

	"Management of the second of t	зюн 7	PE SS///// HIS S ED. S ELE DAT	ON CORD	MBEF 1025 A L 1111 F HAI D AI ONICA	S BE NO D RED	4	TOWN THE	GETAG GNA GELAS VILACUINCATOR IS BEEN IS BEEN STUDIED OF TABLE OF TABLE OF TABLE
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-	MISSOURI HIGHWAYS AND TRANSPORTATION					105 WEST CAPITOL	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)	
		000 -10 -1- F 1- F 000	Kansas Citv. MO 64131	Phone (816) 701-3100	Fax (816) 942-3013	Missouri Cert. of	Authority #2003007599		
			として		8/VVAVV		NCINEERS & ARCHITECTS		

CLAY COUNTY SUMMARY OF QUANTITIES SHEET 4 OF 11

				CONCR	ETE SIDE	WALK				
DOUTE	LOCATION	CUEET	SOUTH/NORTH	l I	CURB	4"	8"	ADA LINEAR	SODDING	CONCRETE CURB TYPE S LESS/EQ 6"
ROUTE	LOCATION	SHEET	WEST/EAST	DOMES	RAMP	SIDEWALK	SIDEWALK	GRADING		(1"-6")
				SF	SY	SY	SY	LF	SY	LF
		52	WEST	19.0	14.8	51.0		188.0	41.8	
			EAST	13.0	11.7	10.1		26.0	5.8	
	at Green Hills Rd		WEST	77.0	10.9	49.2		24.0	5.3	
Rte 152		53	EAST	74.0	19.6	41.0	30.1	142.0	31.6	
			NORTH				19.3			
		54	WEST			241.6		300.0	66.7	
	at NW Ambassador Dr	55	WEST	10.0	33.3	118.3		250.0	55.6	22.0
			EAST	20.0	19.1	10.0		40.0	8.9	16.0
		56	NORTH	53.0	29.1	153.1		140.0	31.1	
I-29	at Barry Rd		SOUTH	30.0	18.3	133.7		160.0	35.€	
1 23	at burry na	57	NORTH	38.0	19.4	155.1		142.0	31.€	
		3,	SOUTH	48.0	34.8	152.5		142.0	31.€	
		58	NORTH	46.0	31.2					
		58	SOUTH	52.0	29.3					6.0
		59	NORTH							
		59	SOUTH							
		60	NORTH							
	Klamm to Cosby	60	SOUTH							
Rte 45		61	NORTH							
		61	SOUTH	12.0	20.8					
		62	NORTH							
		63	NORTH							
		64	NORTH	25.0	15.0					16.0
	Cosby to N. Chatham	64	NORTH	20.0	11.0			16.0	3.6	5.0
	Cosby to N. Chatham	04	SOUTH	58.0	58.7			98.0	21.8	22.0
			TOTALS	595.0	376.9	1115.6	49.4	1668.0	370.7	87.0

	MISC. CONCRETE											
			SOUTH/NORTH		4" TYPE 5 AGGR.							
ROUTE	LOCATION	SHEET	WEST/EAST	MEDIAN STRIP	FOR BASE	REMARKS						
			WEST/EAST	SY	SY							
Rte 152	WB MO Rte 152 Exit Ramp	55	WEST	0.9	0.9	KANSAS CITY						
	At Klamm Dr	58	SOUTH	0.2	0.2	KANSAS CITY						
Rte 45	N. Caabaa Aasa	64	NORTH	3.4	3.4	KANSAS CITY						
	N Cosby Ave	64	SOUTH	1.8	1.8	KANSAS CITY						
			TOTALS	6.3	6.3							

			PAVEMENT M	ARKING				
ROUTE	LOCATION	SHEET	INTERSECTING SIDEROAD	SOUTH/NORTH	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC FAVEMENT MARKING	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING SYMBOL
			SOUTH/NORTH	REMOVAL				
		SHEET SIDEROAD	ED MO DOLITE 153 EVIT DAMAD	VA/ECT		=:		EA
		52						
					10			
	at Croon Hills Rd				10			
Rte 152	at Green Hills Rd		WB MO ROUTE 152 EXIT RAMP	EAST	10	24	142	
		53	WB MO ROUTE 152 ENTRANCE RAMP	WEST	10	24	142	
			GREEN HILLS RD	NORTH	12	35	176	
			GREEN HILLS RD	SOUTH		48	48	
	at NW Ambassador Dr	55	WB MO ROUTE 152 EXIT RAMP	NORTH	15	46	223	
		56	SB I-29 EXIT RAMP	NORTH	13	24	177	
I-29	at Parry Pd	50	SB I-29 ENTRANCE FAMP	SOUTH	9		106	
1-23	at barry Nu	57	NB I-29 EXIT RAMP	NORTH	8		94	
		5/	NB I-29 ENTRANCE RAMP	SOUTH	14	24	189	
	WB Klamm to Cosby			NORTH	13	31	31	13
	WB Riailill to Cosby		VI A MANA P.D.	WEST	14	45	210	17
	EB Klamm to Lucerne	36	KLAIVIIVIKD	SOUTH	9	27	27	12
Rte 45	LB Klailiii to Luceffle			EAST	15	45	222	18
KIE 45				NORTH	15	34	211	17
	Cosby to N. Chatham	64	COSBABD	EAST	15	54	54	16
	cosby to N. Chatham	64	COSBY RD	SOUTH	17	55	255	16
				WEST	17	47	47	18
	·			TOTALS	245	680	2930	127

			BP-1 PG 64-2	2 ASPHALT F	PAVEMENT			
ROUTE	LOCATION	SHEET	SOUTH/NORTH WEST/EAST	ASPHALT PAVEMENT*	4 INCH BP-1 PG 64-22	ADA LINEAR GRADING	SODDING	REMARKS
			WEST/EAST	SY	SNCT	LF	SY	
		58	NORTH	181.8	4.4	462.0	102.7	KANSAS CITY
		59	NORTH	373.3	9.0	560.0	124.4	KANSAS CITY
	WB Klamm to Cosby	60	NORTH	373.3	9.0	560.0	124.4	KANSAS CITY
		61	NORTH	388.0	9.4	560.0	124.4	KANSAS CITY
		62	NORTH	373.3	9.0	770.0	171.1	KANSAS CITY
Rte 45		63	NORTH	387.0	9.4	1054.0	234.2	KANSAS CITY
		64	NORTH	117.2	2.8	400.0	88.9	KANSAS CITY
		58	SOUTH	183.7	4.4	546.0	121.3	KANSAS CITY
	FD Klamm to Lucarno	59	SOUTH	374.3	9.0	560.0	124.4	KANSAS CITY
	EB Klamm to Lucerne	60	SOUTH	375.0	9.1	770.0	171.1	KANSAS CITY
		61	SOUTH	149.6	3.6	492.0	109.3	KANSAS CITY
			TOTALS	3276.5	79.2	6734.0	1496.4	

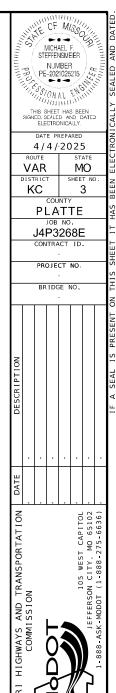
^{*}FOR INFORMATION PURPOSES ONLY

ESTIMATE FACTORS
ASPHALT PAVEMENT MIXTURE
BP-1. 1.984 TONS/CU. YD.

		CONCRE	TE CURB & GI	JTTER		
			SOUTH/NORTH	CONCRETE	4" TYPE 5	
ROUTE	LOCATION	SHEET	30011/101111	CURB & GUTTER	AGGR.	REMARKS
KOOTE	LOCATION	SHEET	WEST/EAST	TYPE B	FOR BASE	NEIVIANNS
			WEST/EAST	LF	SY	
Rte 152	at NW Ambassador Dr	55	EAST	14.0	3.9	KANSAS CITY
		56	NORTH	14.0	3.9	KANSAS CITY
I-29	at Barry Rd	30	SOUTH	29.0	8.1	KANSAS CITY
1-29	at bally Nu	57	NORTH	32.0	8.9	KANSAS CITY
		37	SOUTH	39.0	10.8	KANSAS CITY
	EB Klamm to Lucerne	58	SOUTH	54.0	15.0	KANSAS CITY
Rte 45	EB Klailill to Lucellie	61	SOUTH	12.0	3.3	KANSAS CITY
	Cosby to N. Chatham	64	SOUTH	31.0	8.6	KANSAS CITY
	<u> </u>		TOTALS	225.0	62.5	

		EROSI	ON CONTROL			
ROUTE	LOCATION	SHEET	INLET		SEDIMENT REMOVAL	REMARKS
KOOTE	LOCATION	SHEET	WEST/EAST	CHECK	REIVIOVAL	REIVIANNS
			11201,27101	EA	CY	
	at Green Hills Rd	52	WEST	1.0	1.0	KANSAS CITY
Rte 152	at NW Ambassador Dr	54	WEST	1.0	1.0	KANSAS CITY
	at NW Ambassador Di	55	WEST	1.0	1.0	KANSAS CITY
		58	NORTH	1.0	1.0	KANSAS CITY
I-29	at Barry Rd	36	SOUTH	2.0	2.0	KANSAS CITY
1-29	at bally Nu	59	NORTH	1.0	1.0	KANSAS CITY
		39	SOUTH	1.0	1.0	KANSAS CITY
D++ 4F	Cookerto N. Chatham	64	NORTH	1.0	1.0	KANSAS CITY
Rte 45	Cosby to N. Chatham	64	SOUTH	1.0	1.0	KANSAS CITY
			TOTALS	9.0	9.0	

PLATTE COUNTY SUMMARY OF QUANTITIES SHEET 5 OF 11



			С	ONCRETE SIDE	WALK						
ROUTE	LOCATION	SHEET	INTERSECTING ROAD	SOUTH/NORTH	TRUNCATED DOMES	CURB RAMP	4" SIDEWALK	ADA LINEAR GRADING	SODDING	REMARKS	
				WEST/EAST	C.E.	CV	CV		674		
					SF	SY	SY	LF	SY		
		23	I-35 SB RAMPS	WEST	10	10	64				
		23	I-35 SB RAMPS	EAST	10	9	18				
VEADNEV	VEADNEV	KEARNEY	6TH ST. AND S. JEFFERSON ST.	NORTH WEST	23	19	5				
	REARINET	REARINET		7th ST. AND S. JEFFERSON ST.	NORTH EAST	11	15	42	60	7	
RTE 92				24	8th ST. AND S. JEFFERSON ST.	SOUTH WEST	20	15	77	115	13
					9th ST. AND S. JEFFERSON ST.	SOUTH EAST			47		
			RTE 169 INTERSECTION	NORTH WEST	33	25	80	160			
	SMITHVILLE	45	RTE 169 INTERSECTION	NORTH EAST	12	8	40	58			
			RTE 169 INTERSECTION	SOUTH EAST	12	8	147	229			
RTE JJ	MISSOURI CITY	36	MAIN ST. AND GANO ST. INTERSECTION	NORTH	12	8	2				
				TOTAL	143	117	523	622	20		

			CONCRETE CURB & GUTTER					
ROUTE	LOCATION	SHEET	INTERSECTING ROAD	SOUTH/NORTH	CONCRETE CURB & GUTTER TYPE B	4" TYPE 5 AGGR. FOR BASE	TYPE S CURB	REMARKS
				WEST/EAST	LF	SY	LF	
		22	I-35 SB RAMPS	WEST	12	3		
		23	I-35 SB RAMPS	EAST	8	2		
	KEARNEY		6TH ST. AND JEFFERSON ST.	NORTH WEST		3	12	
RTE 92		24	6TH ST. AND JEFFERSON ST.	NORTH EAST	7	2		
			6TH ST. AND JEFFERSON ST.	SOUTH WEST	35	10		
	SMITHVILLE	45	RTE 169 INTERSECTION	NORTH WEST	9	50	175	
	SWITHVILLE	45	RTE 169 INTERSECTION	NORTH EAST		3	11	
RTE JJ	MISSOURI CITY	36	MAIN ST. AND GANO ST. INTERSECTION	NORTH		5	19	
				TOTAL	71	78	217	

				PA	VEMENT MARKING			
ROUTE	LOCATION	SHFFT	INTERSECTING	SOUTH/NORTH	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PAVEMENT MARKING 30" WHITE MIDBLOCK REMOVAL	PAVEMENT MARKING
			SIDEROAD	WEST/EAST	30" WHITE MIDBLOCK	24" WHITE STOP BAR	REIVIOVAL	REMOVAL
				VV 2317 27 (31	EA	LF	EA	LF
		23	I-35 SB RAMPS	WEST		31		31
	KEARNEY	23	I-35 SB RAMPS	EAST		49		49
			6TH ST. AND S. JEFFERSON ST.	WEST	10	34	10	36
		24	6TH ST. AND S. JEFFERSON ST.	EAST	10	30	10	30
			RTE 169 INTERSECTION	NORTH WEST CORNER	4		5	
RTE 92			RTE 169 INTERSECTION	NORTH EAST CORNER	5		5	
INTL 92			RTE 169 INTERSECTION	SOUTH WEST CORNER	5		5	
	SMITHVILLE	45	RTE 169 INTERSECTION	SOUTH EAST CORNER	5		5	
	SIVILLIA	40	RTE 169 INTERSECTION	WEST	7	24	7	24
			RTE 169 INTERSECTION	EAST	7	24	7	24
			RTE 169 INTERSECTION	NORTH	15	35	15	35
			RTE 169 INTERSECTION	SOUTH	15	39	15	39
İ				TOTAL	83	266	84	268

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MISSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION				105 WEST CAPITOL	JEFFERSO	1-888-ASK-MODOT (1-888-275-6636)
					ngineers	planners	

CLAY COUNTY
SUMMARY OF QUANTITIES
SHEET 6 OF 11

Hg CONSULT, INC. PRO. ENGINEER 2010005873

				REMOVAL OF IMPROV	'EMENTS		
OUTE	CITY	INTERSECTION	LOCATION	DESCRIPTION	QTY	UNITS	REMARKS
				CURB & GUTTER, SAW CUTS INCL.	12	LF	
			SW CORNER	TRUNCATED DOMES	1	EACH	
	KEARNEY	I-35 SB RAMPS		SIDEWALK	74	SY	
	KLAKINLI	1-33 30 KAMIF3		CURB & GUTTER, SAW CUTS INCL.	8	LF	
			SE CORNER	TRUNCATED DOMES	1	EACH	
				SIDEWALK	27	SY	
				TRUNCATED DOMES	2	EACH	MEDIAN REMOVAL
			NW CORNER	SIDEWALK	5	SY	
				CONCRETE MEDIAN SIDEWALK	19	SY	MEDIAN REMOVAL
				CURB & GUTTER, SAW CUTS INCL.	7	LF	
	KEARNEY	JEFFERSON ST.	NE CORNER	TRUNCATED DOMES	1	EACH	
	REARINET JEFF	JEFFERSON ST.		SIDEWALK	26	SY	
				PED. POLE, BASE AND EQUIPMENT	1	EACH	E/W CROSING
TE. 92			SW CORNER	CURB & GUTTER, SAW CUTS INCL.	35	LF	
			SW CORNER	SIDEWALK	77	SY	
				PUSH BUTTON	1	EACH	EX. POLE 12
				CURB & GUTTER, SAW CUTS INCL.	184	LF	
			NW CORNER	TRUNCATED DOMES	3	EACH	1 SIDEWALK, 2 MEDIAN REMOVALS
				SIDEWALK	104	SY	
				CURB & GUTTER, SAW CUTS INCL.	11	LF	
			NE CORNER	TRUNCATED DOMES	1	EACH	MEDIAN REMOVAL
	SMITHVILLE	RTE. 169	INE CORNER	SIDEWALK	40	SY	
				CONCRETE MEDIAN SIDEWALK	8	SY	INCLUDES REMOVAL OF EXIST.
			SW CORNER	PUSH BUTTON	1	EACH	EX. POLE 5
			317 331111211	CONCRETE MEDIAN SIDEWALK	8	SY	INCLUDES REMOVAL OF EXIST.
				TRUNCATED DOMES	1	EACH	MEDIAN REMOVAL
			SE CORNER	SIDEWALK	147	SY	
				PED. POLE, BASE, AND EQUIP.	1	EACH	N/S CROSSING
RTE. JJ	MISSOURI CITYM	MAIN ST. AND GANO S	T. NORTH	SIDEWALK	11	CY	
				TOTAL	1	LS	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION COMMISSION COMMISSION COMMISSION COMMISSION COMMISSION COMMISSION COMMISSION In Serior Capitor In Serior Capitor Commission Commission Commission In Serior Capitor Commission Commiss
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CLAY COUNTY
SUMMARY OF QUANTITIES
SHEET 7 OF 11

Hg CONSULT, INC. PRO. ENGINEER 2010005873

			СО	NCRETE SIDEW	'ALK					
ROUTE	LOCATION	SHEET	INTERSECTING ROAD	SOUTH/NORTH	TRUNCATED DOMES	CURB RAMP	4" SIDEWALK	ADA LINEAR GRADING	SODDING	REMARKS
				WEST/EAST	SF	SY	SY	LF	SY	
			MO RTE 9 INTERSECTION	NORTH WEST	20	17	29	LI	31	
			MO RTE 9 INTERSECTION	NORTH EAST	20	18	38			
		65	MO RTE 9 INTERSECTION	SOUTH WEST	13	9	14			
			MO RTE 9 INTERSECTION	SOUTH EAST	20	16	14			
ROUTE 45	UTE 45 PARKVILLE		MONTICELLO DRIVE INTERSECTION	NORTH WEST	20	16		143	16	
			MONTICELLO DRIVE INTERSECTION	NORTH EAST	20	13		93	10	
		66	66	RISS LAKE DRIVE INTERSECTION	SOUTH WEST	20	8		87	10
			RISS LAKE DRIVE INTERSECTION	SOUTH EAST	31	12		95	11	
		67	SOUTH OF I-635 NEAR OFF RAMP	SOUTH WEST	45	16	31	10	1	
		67	SOUTH OF I-635 NEAR ON RAMP	SOUTH EAST	53	24	49	10	1	
LIODIZONE DIVAN	DIVERGIDE		NORTH OF I-635 NEAR ON RAMP	SOUTH WEST			92			
HORIZONS PKWY	RIVERSIDE		NORTH OF I-635 NEAR ON RAMP	NORTH WEST	27	19	17	5	1	
		68	NORTH OF I-635 NEAR OFF RAMP	SOUTH EAST			70			
			NORTH OF I-635 NEAR OFF RAMP	NORTH EAST	32	13	52	8	1	
				TOTAL	321	182	406	451	51	

			CONCRETE CURB & GUT	ΓER				
ROUTE	LOCATION	SHEET	INTERSECTING ROAD	SOUTH/NORTH	CONCRETE CURB & GUTTER	4" TYPE 5 AGGR. FOR BASE	TYPE S CURB	REMARKS
ROUTE	LOCATION	SHEET	INTERSECTING ROAD	WEST/EAST	TYPE B			VEINIAVEZ
				WESI/EASI	LF	SY	LF	
			MO RTE 9 INTERSECTION	NORTH WEST	21	3		
		65	MO RTE 9 INTERSECTION	NORTH EAST	25	5		
			MO RTE 9 INTERSECTION	SOUTH WEST	15	3		
	24210 411 5		MO RTE 9 INTERSECTION	SOUTH EAST	26	5		
RTE 45	PARKVILLE	66	MONTICELLO DRIVE INTERSECTION	NORTH WEST	19	3		
			MONTICELLO DRIVE INTERSECTION	NORTH EAST	19	3		
			RISS LAKE DRIVE INTERSECTION	SOUTH WEST	21	5		
			RISS LAKE DRIVE INTERSECTION	SOUTH EAST	21	5		
HORIZONS PKWY RIVERSIDE		67	SOUTH OF I-635 NEAR OFF RAMP	SOUTH WEST	29	5		
	DIVERSIDE	6/	SOUTH OF I-635 NEAR OFF RAMP	SOUTH EAST	45	9	110	
	VIAEVZIDE	68	NORTH OF I-635 NEAR OFF RAMP	NORTH WEST	37	8		
		80	NORTH OF I-635 NEAR OFF RAMP	NORTH EAST	18	3	112	
	·			TOTAL	296	56	222	

BP-1 PG 64-22 ASPHALT PAVEMENT										
BOUTE	LOCATION	611557	INTERSECTING DO AD	SOUTH/NORTH		4 INCH BP-1	REMARKS			
ROUTE	LOCATION	SHEET	INTERSECTING ROAD	WEST/EAST	PAVEMENT*	PG 64-22				
				***201727101	SY	TONS				
			MONTICELLO DRIVE INTERSECTION	NORTH WEST	35	7.7				
DOLITE 45	PARKVILLE		MONTICELL DRIVE INTERSECTION	NORTH EAST	14	3.1				
ROUTE 45	PARKVILLE	66	RISS LAKE DRIVE INTERSECTION	SOUTH WEST	27	6.0				
			RISS LAKE DRIVE INTERSECTION	SOUTH EAST	25	5.5				
<u> </u>			·	TOTALS	101	22.3				

*FOR INFORMATION PURPOSES ONLY

PLATTE COUNTY SUMMARY OF QUANTITIES SHEET 8 OF 11 003_QU_06-10_J4P3268E_I1.dgn 2:21:20 PM 4/4/2025

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			OJE				
DESCRIPTION	•		TDC			•	
DATE							
MISSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION				105 WEST CAPITOL	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)
			+110000		engineers	planners planners	9111 NE 79th Street, Kansas Gity, MO 64158; (816)912-4720
	PRC		CONS				9111 NE 79th Street, Kansa

					PAVEMENT MARKIN	G				
ROUTE LOCATION	SHEET	INTERSECTING SIDEROAD	SOUTH/NORTH	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING	PREFORMED THERMOPLASTIC PAVEMENT MARKING	30" WHITE MIDBLOCK REMOVAL	PAVEMENT MARKING REMOVAL	SYMBOL REMOVAL	
		SIDEROAD	WEST/EAST	30" WHITE MIDBLOCK	24" WHITE STOP BAR	(4")				
				·	EA	LF		EA	LF	EA
			MO RTE 9 INTERSECTION	WEST	14	24		15	24	
			MO RTE 9 INTERSECTION	EAST	15	37		16	37	
	65	MO RTE 9 INTERSECTION	NORTH	12	31		13	31		
		05	MO RTE 9 INTERSECTION	SOUTH	11	48		12	48	
RTE 45			MO RTE 9 INTERSECTION	NORTH EAST	4			6		
KIE 45	PARKVILLE		MO RTE 9 INTERSECTION	SOUTH WEST	4			5		
		66	MONTICELLO DRIVE INTERSECTION	WEST	13	49		18	50	
			MONTICELLO DRIVE INTERSECTION	EAST	14	49		18	49	
			MONTICELLO DRIVE INTERSECTION	NORTH	5	24		9	24	
			RISS LAKE DRIVE INTERSECTION	SOUTH	11	24		13	24	
		67	SOUTH OF I-635 NEAR OFF RAMP	WEST	11	38		12	38	
			SOUTH OF I-635 NEAR ON RAMP	EAST	9			10		
			SOUTH OF I-635	NORTH		50		20	54	
HORIZONS PKWY RIVERSIDE		SOUTH OF I-635	SOUTH	12	63			126	2	
HORIZONS PKWY	KIVEKSIDE		NORTH OF I-635 NEAR ON RAMP	WEST	9			9		
		68	NORTH OF I-635 NEAR OFF RAMP	EAST	11	39		11	39	
		08	NORTH OF I-635	NORTH	14	75			135	
			NORTH OF I-635	SOUTH		48	54	21	49	
				TOTAL	169	600	54	208	729	2





PLATTE COUNTY
SUMMARY OF QUANTITIES
SHEET 9 OF 11

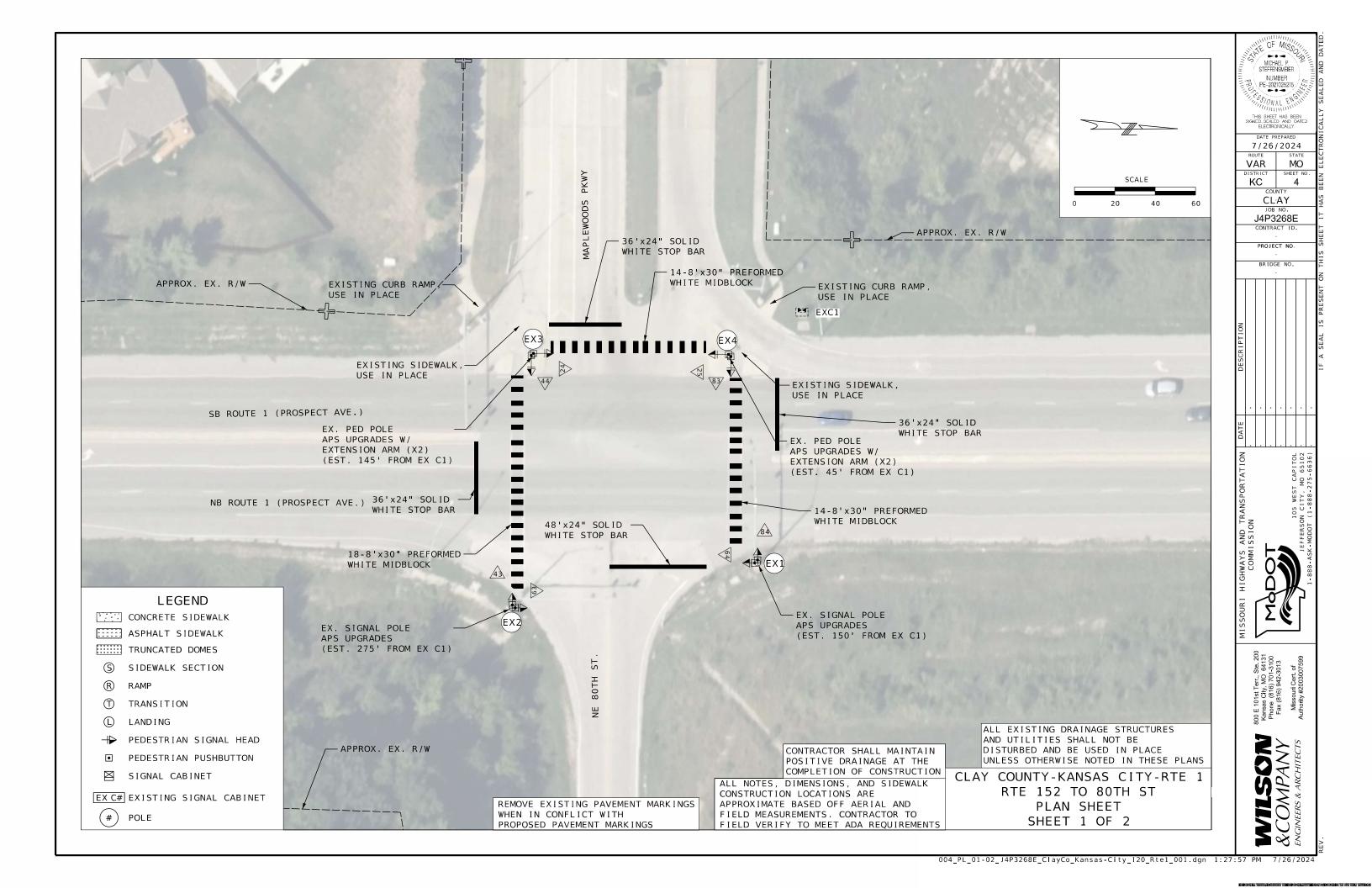
			NEIV	IOVAL OF IMPROVEMENTS			
ROUTE	CITY	INTERSECTION	LOCATION	DESCRIPTION	QTY	UNITS	REMARKS
				CURB & GUTTER, SAW CUTS INCL.	21	LF	
				TRUNCATED DOMES	2	EACH	SOUTH AND EAST CROSSING
			NW CORNER	SIDEWALK	43	SY	
				PUSH BUTTON	1	EACH	EX. POLE 4
				PUSH BUTTON	1	EACH	EX. POLE 5
				CURB & GUTTER, SAW CUTS INCL.	25	LF	
				TRUNCATED DOMES	2	EACH	MEDIAN TO SIDEWALK CROSSING
			NE CORNER	SIDEWALK	50	SY	
		10407.0		CONCRETE MEDIAN SIDEWALK	19	SY	INCLUDES REMOVAL OF EXIST.
		HWY. 9		PUSH BUTTONS	2	EACH	EX. POLE 6
				CURB & GUTTER, SAW CUTS INCL.	15	LF	
			SW CORNER	TRUNCATED DOMES	1	EACH	MEDIAN RAMP
			311 331111211	CONCRETE MEDIAN SIDEWALK	23	SY	INCLUDES REMOVAL OF EXIST.
				PUSH BUTTON	2	EACH	EX. POLE 2
RTE. 45 PAI	ARKVILLE			CURB & GUTTER, SAW CUTS INCL.	26	LF	
1112.45				TRUNCATED DOMES	2	EACH	WEST AND NORTH CROSSING
			SE CORNER	SIDEWALK	30	SY	
				PUSH BUTTON	1	EACH	EX. POLE 7
				PUSH BUTTON	1	EACH	EX. POLE 8
			NW CORNER	CURB & GUTTER, SAW CUTS INCL.	19	LF	
			NW CORNER	SIDEWALK PUSH BUTTON	47 2	SY EACH	EXIST. MAST ARM POLE
		MONTICELLO DR.		CURB & GUTTER, SAW CUTS INCL.	19	LF	EXIST. IVIAST ARIVI FOLE
			NE CORNER	SIDEWALK	30	SY	
				PUSH BUTTON	2	EACH	EXIST. MAST ARM POLE
	ŀ	RISS LAKE DR.		CURB & GUTTER, SAW CUTS INCL.	21	LF	EXIST. WAS A MINIT OF
			SW CORNER	SIDEWALK	33	SY	EXIST. MAST ARM POLE
				PUSH BUTTON	2	EACH	
			SE CORNER	CURB & GUTTER, SAW CUTS INCL.	21	LF	
				SIDEWALK	34	SY	
				PED. POLE, BASE AND EQUIPMENT	1	EACH	EX. PED. POLE
				CURB & GUTTER, SAW CUTS INCL.	29	LF	
				TRUNCATED DOMES	1	EACH	
			SW CORNER	SIDEWALK	17	SY	
		S. OF I-635 NEAR OFF RAMP		CONCRETE MEDIAN SIDEWALK	31	SY	5 CY CLASS C EXCAVATION
				TYPE S CURB	12	LF	
				SIDEWALK	2	SY	
			NW CORNER	PED. POLE, BASE AND EQUIPMENT	1	EACH	
	ŀ			CURB & GUTTER, SAW CUTS INCL.	45	LF	
			05.00	TRUNCATED DOMES	1	EACH	
			SE CORNER	SIDEWALK	75	SY	
		S. OF I-635 NEAR ON RAMP		PED. POLE, BASE AND EQUIPMENT	1	EACH	EX. POLE 6
				SIDEWALK	2	SY	
IZONS PARKWAYRIN	IVERSIDE		NE CORNER	PUSH BUTTONS, SIGNAL HEADS	2	EACH	
			CIM CORNER	SIDEWALK	92	SY	
			SW CORNER	PUSH BUTTONS	2	EACH	EX. POLE 10
1		N. OF LOSE NEAD ON BARAS		CURB & GUTTER, SAW CUTS INCL.	37	LF	
		N. OF I-635 NEAR ON RAMP	NW CORNER	TRUNCATED DOMES	1	EACH	
	l		NVV CORNER	SIDEWALK	33	SY	
					1	EACH	
				PED. POLE, BASE AND EQUIPMENT			
			SE CORNER	PED. POLE, BASE AND EQUIPMENT SIDEWALK	70	SY	
			SE CORNER	·			
		N. OF I-635 NEAR OFF RAMP		SIDEWALK	70 18	SY LF	
		N. OF I-635 NEAR OFF RAMP	SE CORNER NE CORNER	SIDEWALK CURB & GUTTER, SAW CUTS INCL. SIDEWALK	70 18 33	SY LF SY	5 CY CLASS C EXCAVATION
		N. OF I-635 NEAR OFF RAMP		SIDEWALK CURB & GUTTER, SAW CUTS INCL.	70 18	SY LF	5 CY CLASS C EXCAVATION

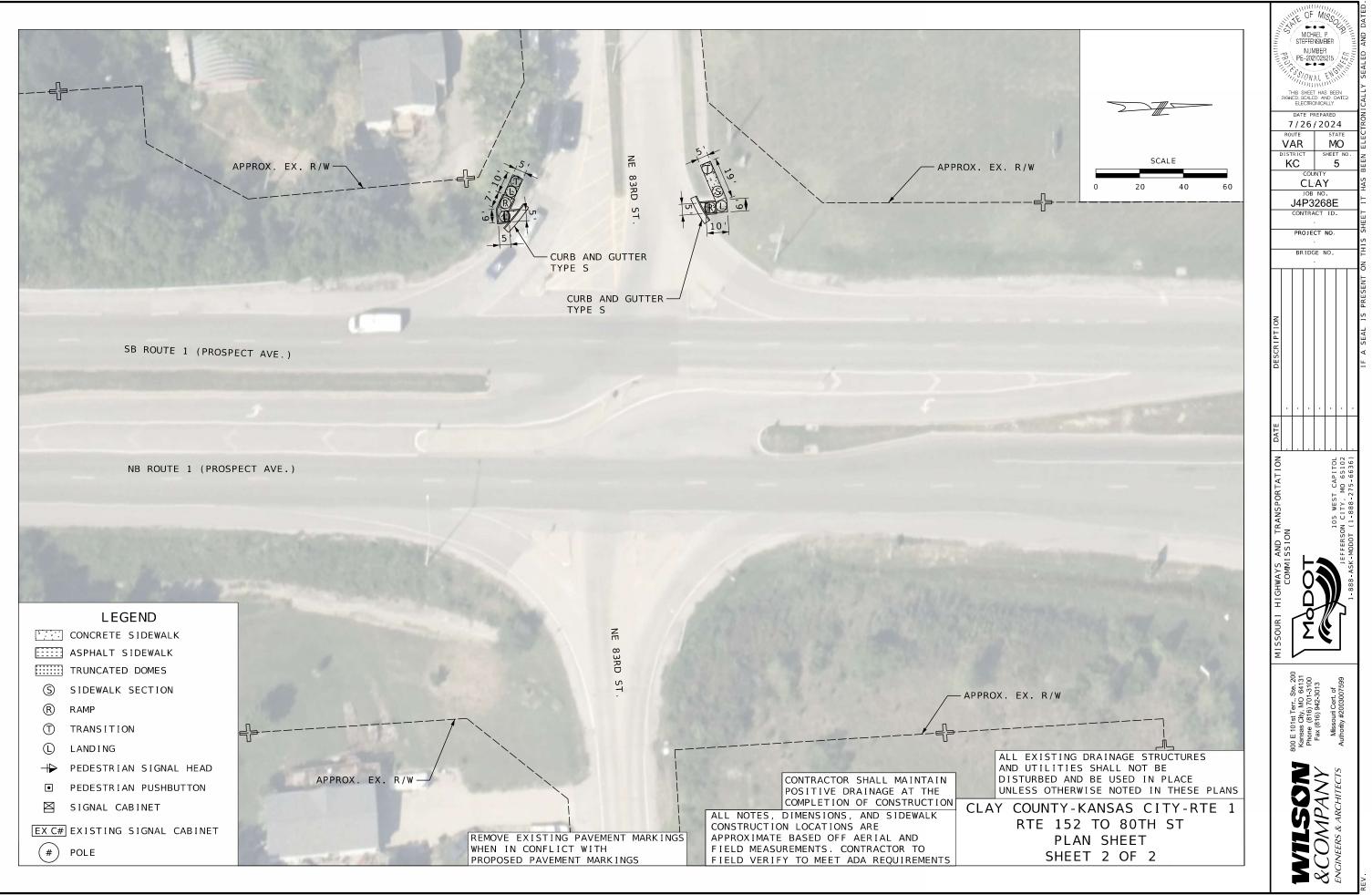
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		١Ο.					
DESCRIPTION	•				•	•	
DATE							
MISSOURI HIGHWAYS AND TRANSPORTATION DA	COMMISSION				105 WEST CAPITOL	JEFFERSON CITY, MO 65102 ·	1-888-ASK-MODOT (1-888-275-6636)
			+110000		engineers	planners planners	reet; Kansas City, MO 64158; (816)912-4720

PLATTE COUNTY
SUMMARY OF QUANTITIES
SHEET 10 OF 11

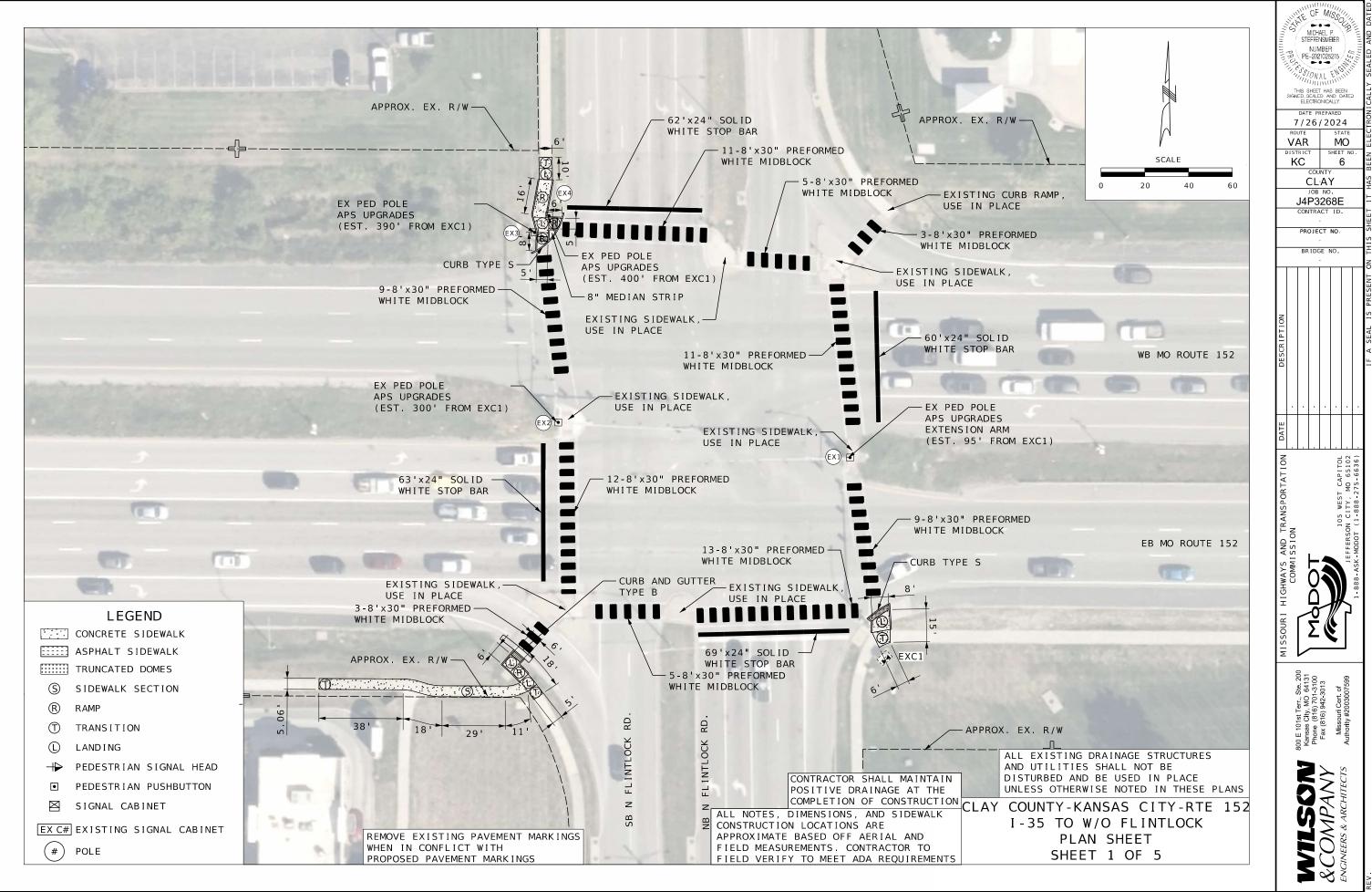
Hg CONSULT, INC. PRO, ENGINEER 2010005873

					EFFECTIVE: 04-01-2023	
TOTAL QTY TOTALS		QTY TOTAL SIG				
SIZE AREA QTY AREA RELOC RELOC N	JM .	SIZE AREA QTY TOTAL RELOC RELOC NUI	M.			
SIGN IN SQ.FT EACH SQ.FT EACH SQ.FT.		SIGN IN SQ FT EACH SQ FT EACH SQ FT		ITEM TOTAL	-	
WARNING SIGNS	DESCRIPTION	GUIDE SIGNS	DESCRIPTION	NUMBER QTY	DESCRIPTION	
WO1-1L 48X48 16.00	TURN (SYMBOL LEFT ARROW)	E05-1 36X48 12.00	GORE EXIT	6122008	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1R 48X48 16.00 WO1-2L 48X48 16.00	TURN (SYMBOL RIGHT ARROW) CURVE (SYMBOL LEFT ARROW)	E05-2 48X36 12.00 E05-2a 48X36 12.00	EXIT OPEN EXIT CLOSED	6122009	IMPACT ATTENUATOR 45 MPH (SAND BARRELS) IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2E 48X48 16.00	CURVE (SYMBOL RIGHT ARROW)	GO20-1 60X24 10.00 58 580.00	ROAD WORK NEXT XX MILES	6122012	IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-3L 48X48 16.00	REVERSE TURN (SYMBOL LEFT ARROW)	GO20-2 48X24 8.00 58 464.00	END ROAD WORK	6122014	IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	DATE PREPARED
WO1-3R 48X48 16.00	REVERSE TURN (SYMBOL RIGHT ARROW)	GO20-4 36X18 4.50	PILOT CAR FOLLOW ME	6122017	IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	7/26/2024
WO1-4L 48X48 16.00	REVERSE CURVE (SYMBOL LEFT ARROW)	GO20-4a 42X30 8.75	PILOT CAR IN USE WAIT & FOLLOW	6122019	IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	VAR MO
WO1-4R 48X48 16.00	REVERSE CURVE (SYMBOL RIGHT ARROW)	GO20-4a 18X12 1.50	PILOT CAR IN USE WAIT & FOLLOW	6122020	REPLACEMENT SAND BARREL	DISTRICT SHEET NO.
WO1-4bL 48X48 16.00 WO1-4bR 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	GO20-5aP 36X24 6.00 58 348.00 MO4-8a 24X18 3.00	WORK ZONE (PLAQUE) END DETOUR	6122030 6123000A 29	IMPACT ATTENUATOR (RELOCATION) TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	KC 3
WO1-4cL 48X48 16.00	DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS) TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)	MO4-8a 24X18 3.00 MO4-9L 48X36 12.00	DETOUR (LEFT ARROW)	6161008 29	ADVANCED WARNING RAIL SYSTEM	VAR I OUS
WO1-4cR 48X48 16.00	TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)	MO4-9R 48X36 12.00	DETOUR (RIGHT ARROW)	6161012	BUOYS (BOATS KEEP OUT)	JOB NO.
WO1-6 60X30 12.50	HORIZONTAL ARROW (SYMBOL)	MO4-9P 48X12 4.00	STREET NAME (PLAQUE)	6161013	BUOYS (NO WAKE)	J4P3268E
WO1-6a 72X36 18.00	HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L 48X18 6.00	DETOUR (ARROW LEFT)	6161014	SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	CONTRACT ID.
WO1-7 60X30 12.50	DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R 48X18 6.00	DETOUR (ARROW RIGHT)	6161025 200	CHANNELIZER (TRIM LINE)	PROJECT NO
WO1-7a 72X36 18.00	DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	D1 1 140V40 12 25	I CTOP	6161030	TYPE III MOVEABLE BARRICADE	
W01-8 18X24 3.00 W01-8a 30X36 7.50	CHEVRON (SYMBOL FOR DIVIDED HICHWAYS)	R1-1 48X48 13.25 R1-2 48TRI 6.93	STOP YIELD	6161033 6161040 29	DIRECTION INDICATOR BARRICADE FLASHING ARROW PANEL	BRIDGE NO.
W01-8a 30X36 7.50 W03-1 48X48 16.00	CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS) STOP AHEAD (SYMBOL)	R1-2 481K1. 6.93 R1-2a 36X36 9.00	TO ONCOMING TRAFFIC (PLAQUE)	6161040 29	TYPE III OBJECT MARKER	
WO3-2 48X48 16.00	YIELD AHEAD (SYMBOL)	R1-3P 30X12 2.50	ALL WAY (PLAQUE)	6161055	SEQUENTIAL FLASHING WARNING LIGHT	
WO3-3 48X48 16.00	SIGNAL AHEAD (SYMBOL)	R2-1 36X48 12.00	SPEED LIMIT XX	6161070	TUBULAR MARKER	
WO3-4 48X48 16.00	BE PREPARED TO STOP	R3-1 48X48 16.00	NO RIGHT TURN (SYMBOL)	6161095	RADAR SPEED ADVISORY SYSTEM	
WO3-5 48X48 16.00 58 928.00	SPEED LIMIT AHEAD	R3-2 48X48 16.00	NO LEFT TURN (SYMBOL)	1	CHANGEABLE MESSAGE SIGN,	z
WO4-1L 48X48 16.00	MERGE (SYMBOL FROM LEFT)	R3-3 36X36 9.00	NO TURNS	6161096	COMMISSION FURNISHED/RETAINED	
WO4-1R 48X48 16.00 WO4-1aL 48X48 16.00	MERGE (SYMBOL FROM RIGHT) MERGE (ARROW SYMBOL)	R3-4 48X48 16.00 R3-7L 30X30 6.25	NO U-TURN (SYMBOL) LEFT LANE MUST TURN LEFT	6161098A 29	CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED	
WO4-1aL 48X48 16.00	MERGE (ARROW SYMBOL)	R3-7R 30X30 6.25	RIGHT LANE MUST TURN RIGHT	0101090A	CHANGEABLE MESSAGE SIGN WITH COMM.	SCR
WO5-1 48X48 16.00	ROAD/BRIDGE/RAMP NARROWS	R4-1 36X48 12.00	DO NOT PASS	6161099	INTERFACE - CONTRACTOR FURNISHED/RETAINED	
WO5-3 48X48 16.00	ONE LANE BRIDGE	R4-2 36X48 12.00	PASS WITH CARE	6162000A	WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO5-5 48X48 16.00 58 928.00	NARROW LANES	R4-8a 36X48 12.00	KEEP LEFT (HORIZONTAL ARROW)	6162002	TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-1 48X48 16.00	DIVIDED HIGHWAY (SYMBOL)	R4-7a 36X48 12.00	KEEP RIGHT (HORIZONTAL ARROW)	1	TEMPORARY TRAFFIC BARRIER	1
W06-2 48X48 16.00	DIVIDED HIGHWAY END (SYMBOL)	R5-1 30X30 6.25	DO NOT ENTER	6173600D	CONTRACTOR FURNISHED/RETAINED	
W06-3 48X48 16.00 W07-3a 30X24 5.00	TWO WAY TRAFFIC (SYMBOL) NEXT XX MILES (PLAQUE)	R5-1a 36X24 6.00 R6-1L 54X18 6.75	WRONG WAY ONE WAY ARROW (LEFT)	6173602B	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO8-1 48X48 16.00	BUMP	R6-1R 54X18 6.75	ONE WAY ARROW (LEFT) ONE WAY ARROW (RIGHT)	6174000A	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-2 48X48 16.00	DIP	R6-2L 24X30 5.00	ONE WAY (LEFT)	6175010A	RELOCATING TEMPORARY TRAFFIC BARRIER	7 100
WO8-3 48X48 16.00	PAVEMENT ENDS	R6-2R 24X30 5.00	ONE WAY (RIGHT)		TEMPORARY TRAFFIC BARRIER	DRTATION T CAPITOL MO 65102 275-6636)
WO8-4 48X48 16.00	SOFT SHOULDER	R9-9 24X12 2.00 58 116.00	SIDEWALK CLOSED	6176000B	COMMISSION FURNISHED/RETAINED	AP I
WO8-5 48X48 16.00	SLIPPERY WHEN WET (SYMBOL)	41	SIDEWALK CLOSED AHEAD		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	JRT C MO MO
WOS-6 48X48 16.00	TRUCK CROSSING (WITH FLAGS)	R9-11L 24X18 3.00 58 174.00	(ARROW LEFT) CROSS HERE	6177000B	COMMISSION FURNISHED/RETAINED	UD TRANSPOR
W08-6c 48X48 16.00 W08-7 36X36 9.00	TRUCK ENTRANCE LOOSE GRAVEL	R9-11R 24X18 3.00 58 174.00	SIDEWALK CLOSED AHEAD (ARROW RIGHT) CROSS HERE	6208064A 9029400	TEMPORARY RAISED PAVEMENT MARKER TEMPORARY TRAFFIC SIGNALS	ANS
WO8-7a 36X36 9.00	FRESH OIL/LOOSE GRAVEL	R10-6 24X36 6.00	STOP HERE ON RED (45^ ARROW)	9029401	TEMPORARY TRAFFIC SIGNALS AND LIGHTING	HZ O
WO8-9 48X48 16.00	LOW SHOULDER	R11-2 48X30 10.00	ROAD CLOSED			10000000000000000000000000000000000000
WO8-11 48X48 16.00	UNEVEN LANES		ROAD CLOSED XX MILES AHEAD	6169902 58	ADA COMPLIANT MOVEABLE BARRICADE	AAN SS
WO8-12 48X48 16.00	NO CENTER LINE	R11-3a 60X30 12.50	LOCAL TRAFFIC ONLY			YS YS
WO8-15 48X48 16.00	GROOVED PAVEMENT	R11-4 60X30 12.50	ROAD CLOSED TO THRU TRAFFIC			
W08-15P 30X24 5.00 W08-17 48X48 16.00	MOTORCYCLE (PLAQUE) SHOULDER DROP-OFF (SYMBOL)		FINE SIGN SPEEDING/PASSING (PLATE)	-	TEMPORARY TRAFFIC CONTROL	15 × 11 ×
WO8-17 48A48 10.00 WO8-17P 30X24 5.00	SHOULDER DROP-OFF (SIMBOL)		SFEEDING/FASSING (FLATE)	1	616-99.01	
W10-1 42RND. 9.62	RAILROAD CROSSING		POINT OF PRESENCE	1	PAY TOTAL 1 LUMP SUM	
WO12-1 24X24 4.00	DOUBLE DOWN ARROW (SYMBOL)		POINT OF PRESENCE]		§ ∑ (¢
WO12-2 48X48 16.00	LOW CLEARANCE (SYMBOL)		RATE OUR WORK ZONE]		ISSI — V
W012-2X 24X18 3.00	LOW CLEARANCE (PLAQUE)		RATE OUR WORK ZONE	-		Σ
W012-2a 84X24 14.00	OVERHEAD LOW CLEARANCE (FEET AND INCHES)	616 10 05	WORK ZONE NO PHONE ZONE	J		0
W012-4 120X60 50.00 W012-5 120X60 50.00	LOW CLEARANCE XX FT XX IN XX MILES AHEAD WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD	616-10.05 CONSTRUCTION SIGNS TOTAL 7424.00				, 20 100 3 3 399
W013-1 30X30 6.25	ADVISORY SPEED (PLAQUE)	616-10.10 TOTAL				Ste () 64 () 131 () 131 () 131 () 131 () 151
WO16-2 30X24 5.00	XXX FEET (PLAQUE)	RELOCATED SIGNS **				Terr. , MC 3) 7C 942 iCer
WO16-3 30X24 5.00	X MILE (PLAQUE)					1st 7 City (816) 316) souri
WO20-1 48X48 16.00 58 928.00	ROAD/BRIDGE/RAMP WORK AHEAD	1				900 E 101st Terr., Ste. 200 Kansas City, Mo 64131 Phone (816) 701-3100 Fax (816) 942-3013 Missouri Cert. of Authority #2003007599
WO20-2 48X48 16.00	DETOUR AHEAD	** NO DIRECT PAY FOR RELOCATING TEMPORARY	TRAFFIC CONTROL			S00 I Kar Phr
W020-3 48X48 16.00 W020-4 48X48 16.00 58 928.00	ROAD CLOSED AHEAD ONE LANE ROAD AHEAD	DEVICES.				
W020-4 48X48 16.00 58 928.00 W020-5 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED AHEAD	1				> 7 E
W020-5a 48X48 16.00	2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	1				
WO20-6a 48X48 16.00	RIGHT/CENTER/LEFT LANE CLOSED]				
WO20-7a 48X48 16.00 58 928.00	FLAGGER (SYMBOL					
WO21-2 36X36 9.00	FRESH OIL					₩
10001 5 1 400440 116 001 50 1 000 00 1		=				
WO21-5 48X48 16.00 58 928.00	SHOULDER WORK AHEAD				OLIANITITIES SUEET	
WO22-1 48X48 16.00	SHOULDER WORK AHEAD BLASTING ZONE AHEAD				QUANTITIES SHEET) / () () () () () () () () () () () () ()
WO22-1 48X48 16.00 WO22-2 42X36 10.50	SHOULDER WORK AHEAD BLASTING ZONE AHEAD TURN OFF 2-WAY RADIO AND PHONE				•	VILS COMPAN
WO22-1 48X48 16.00	SHOULDER WORK AHEAD BLASTING ZONE AHEAD				QUANTITIES SHEET SHEET 11 OF 11	WIL &COA ENGINEERS &

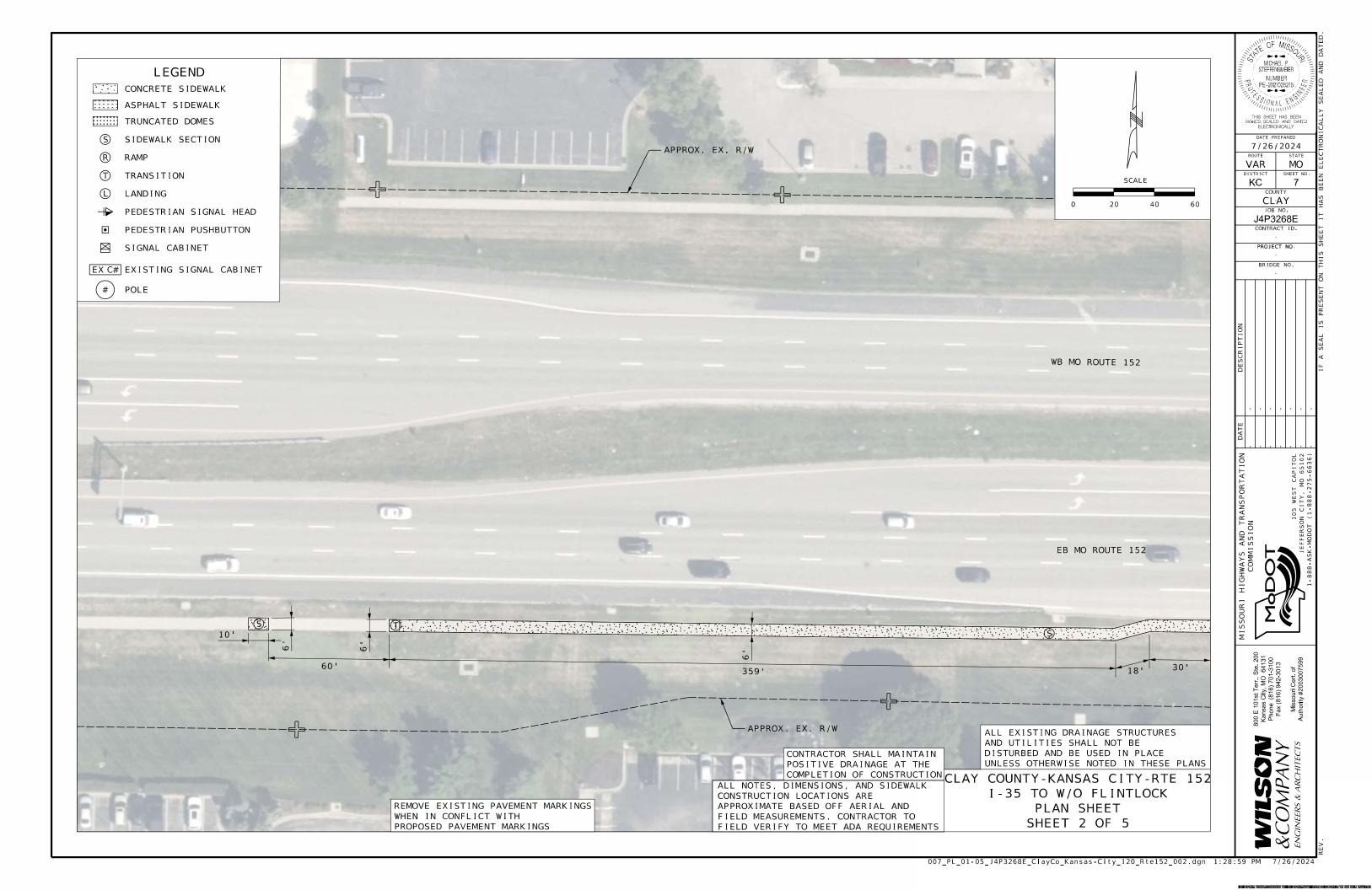


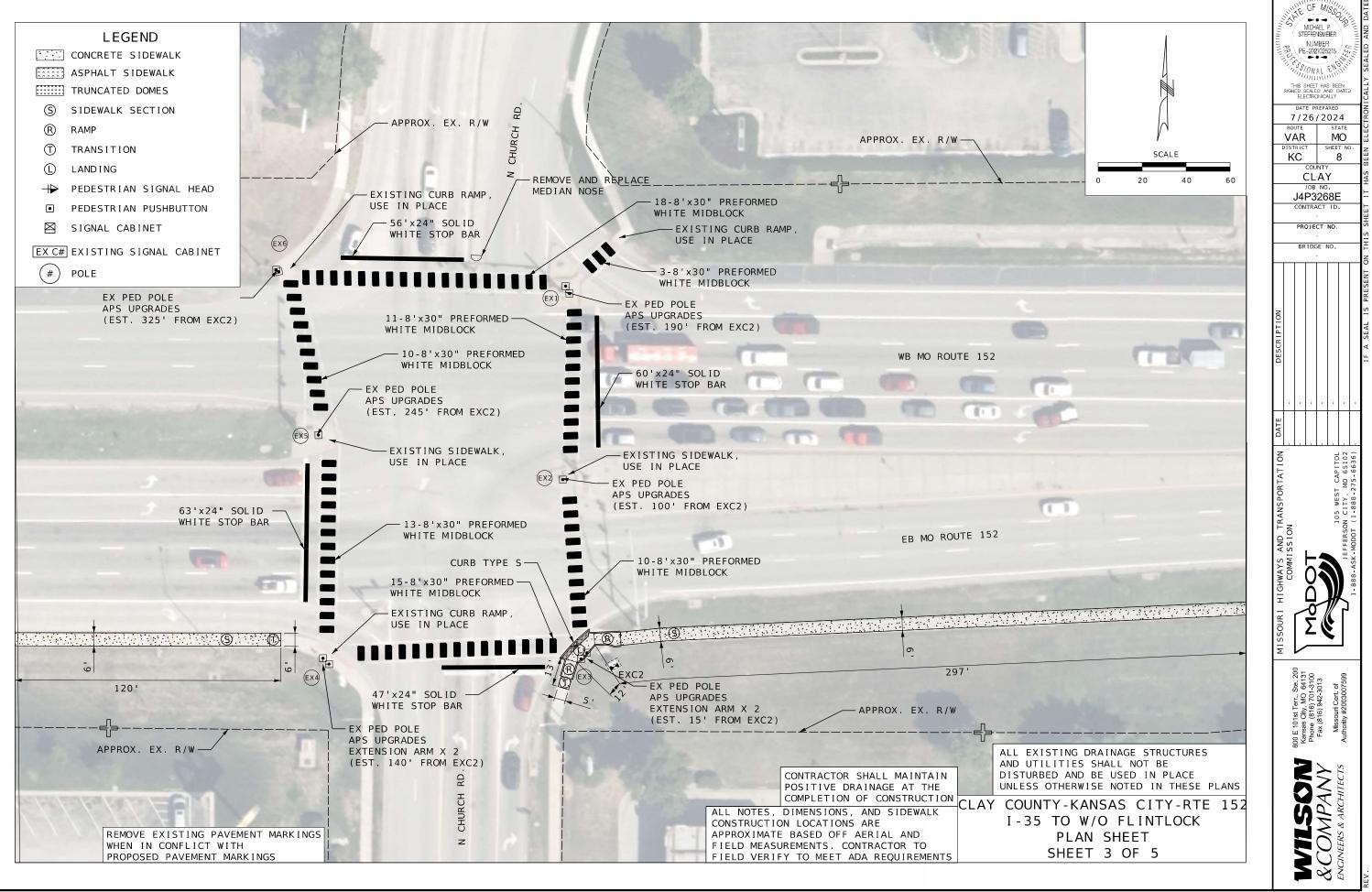


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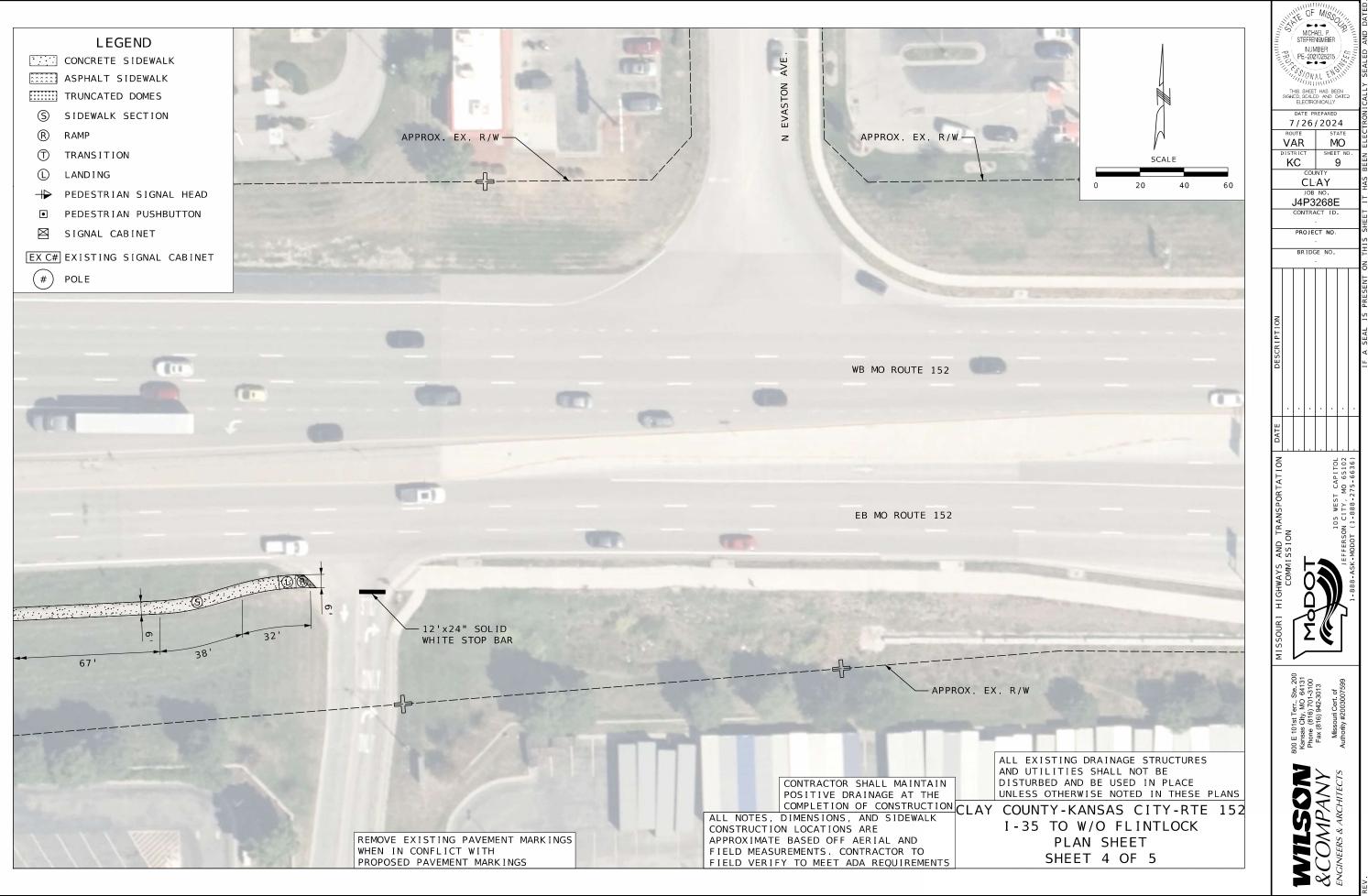


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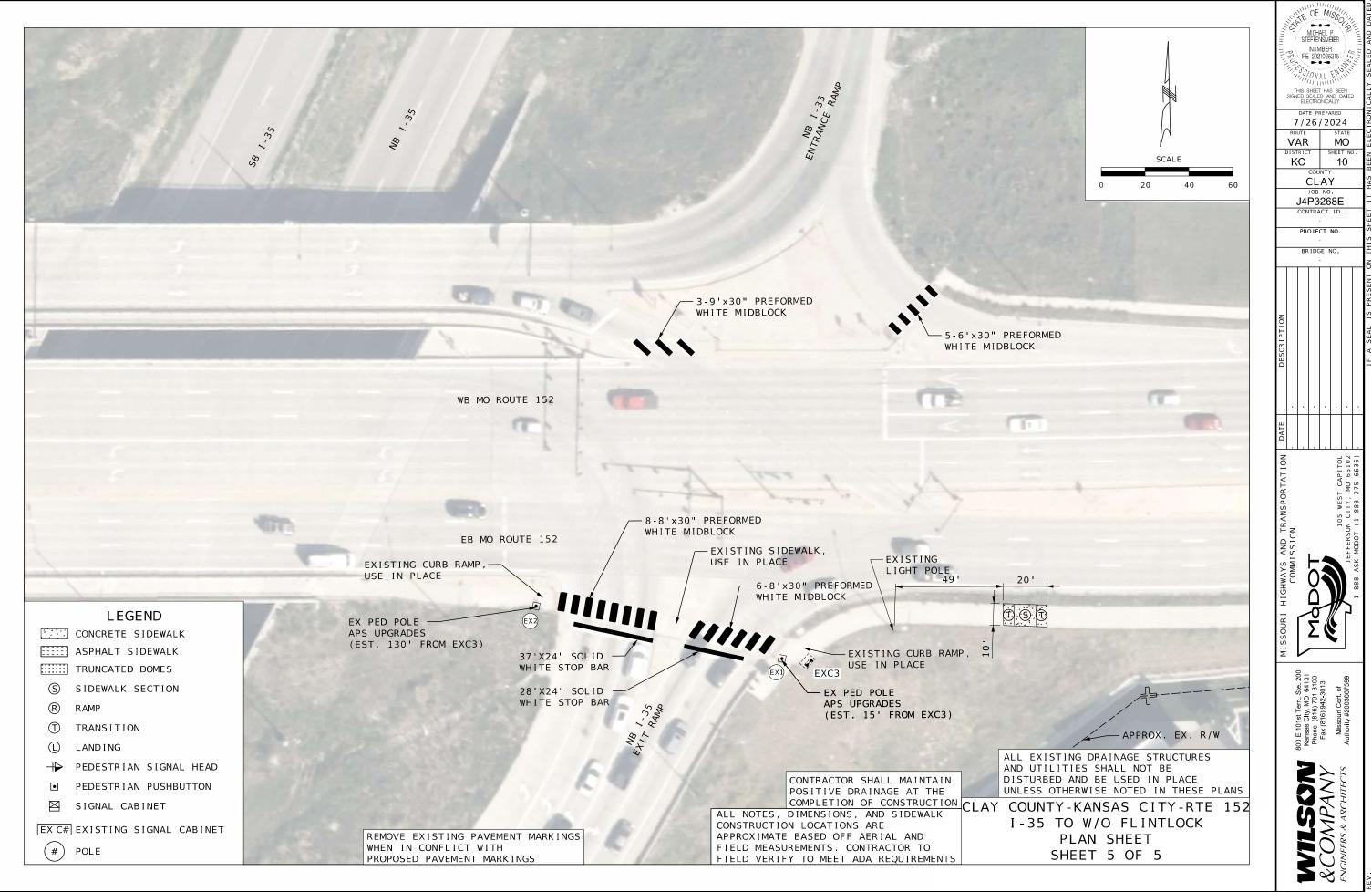




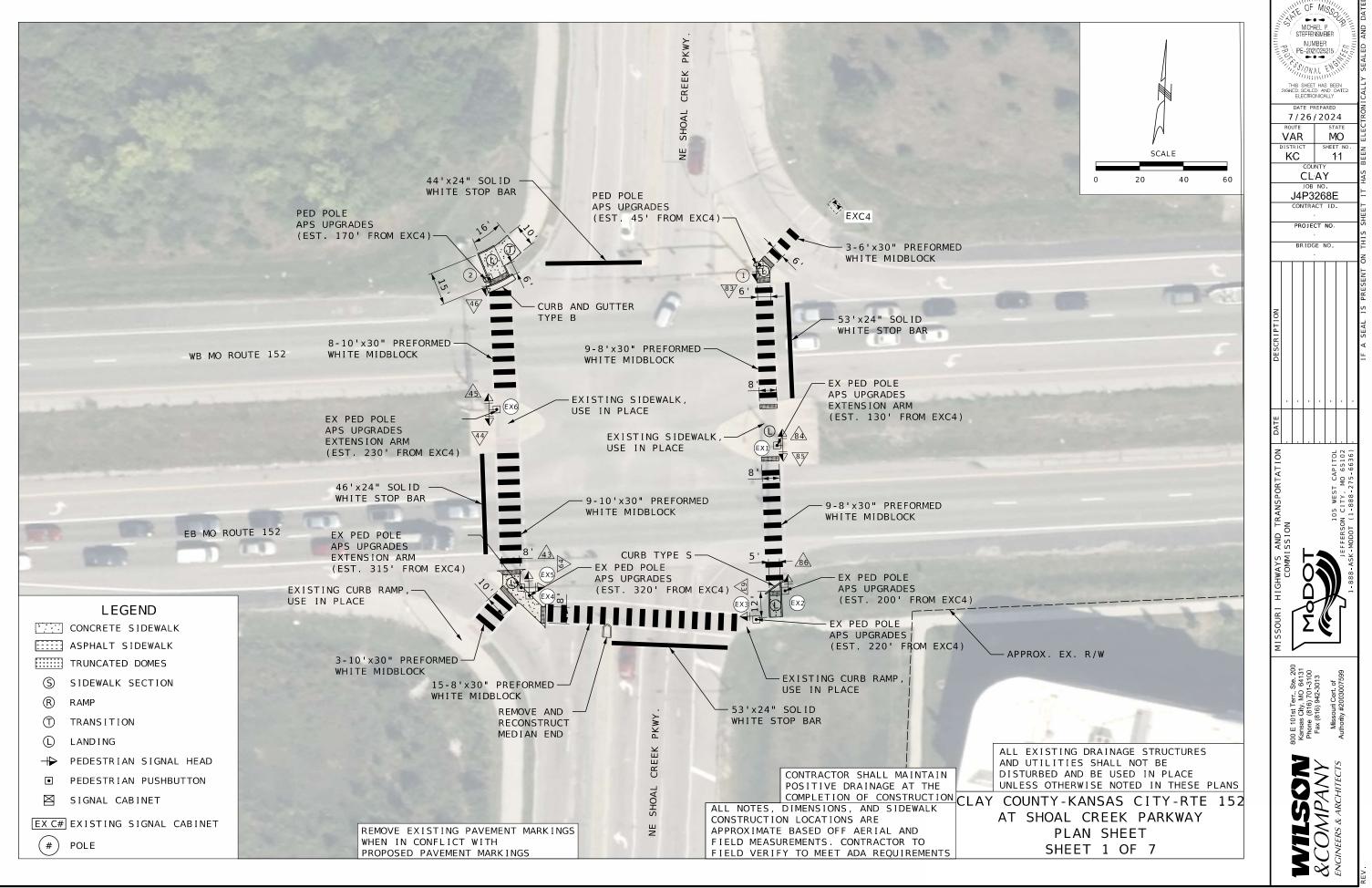
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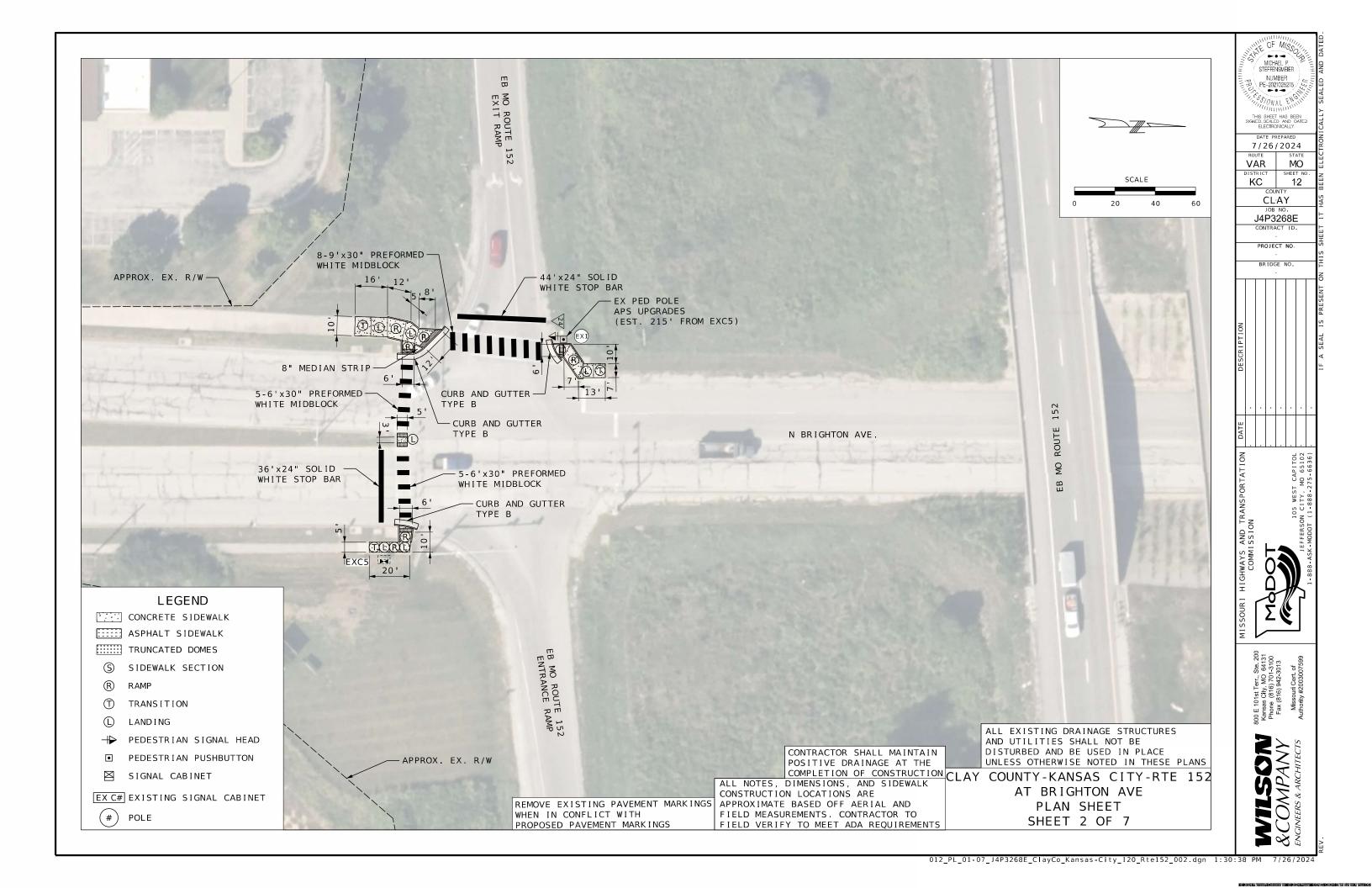
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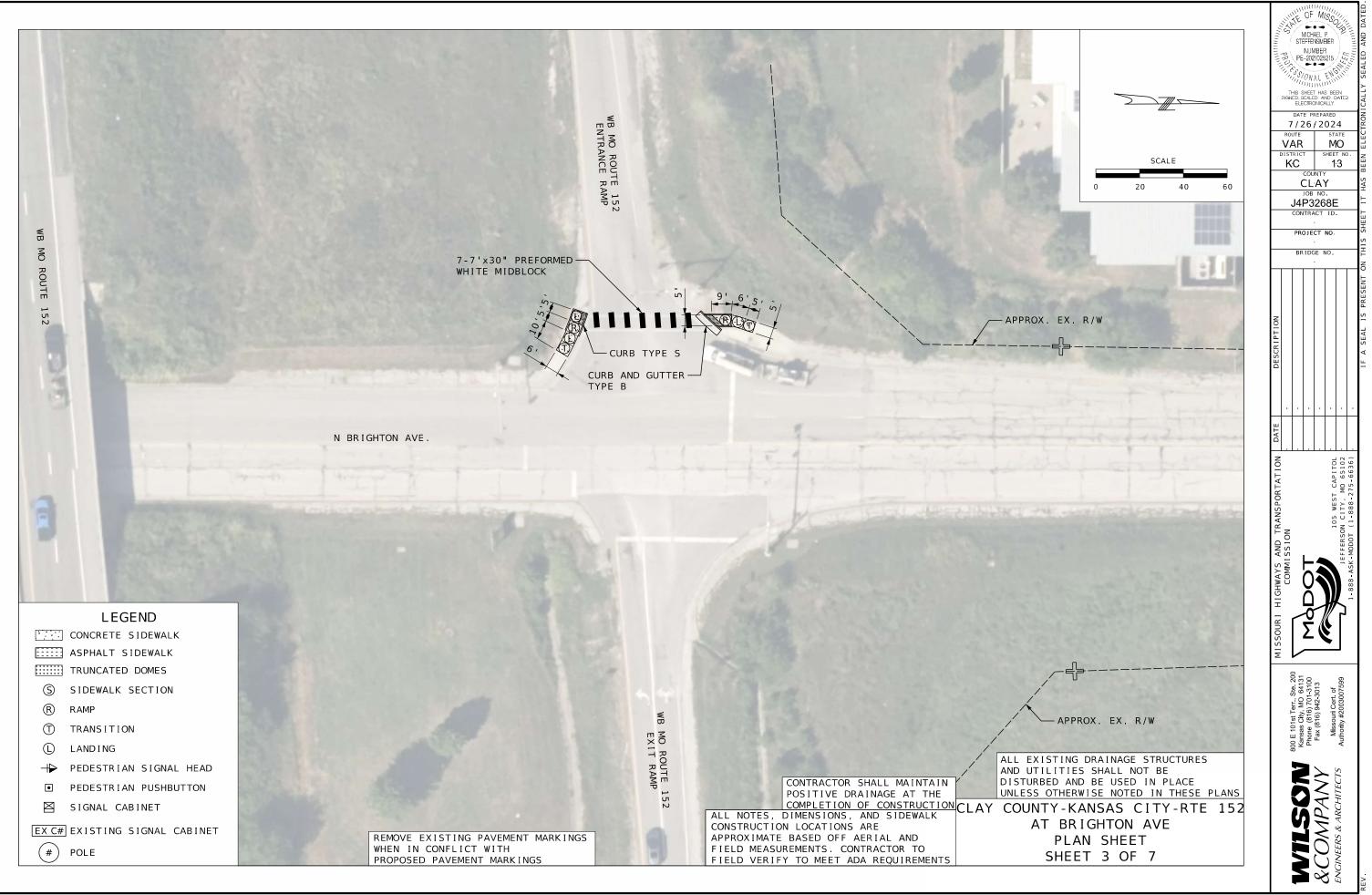


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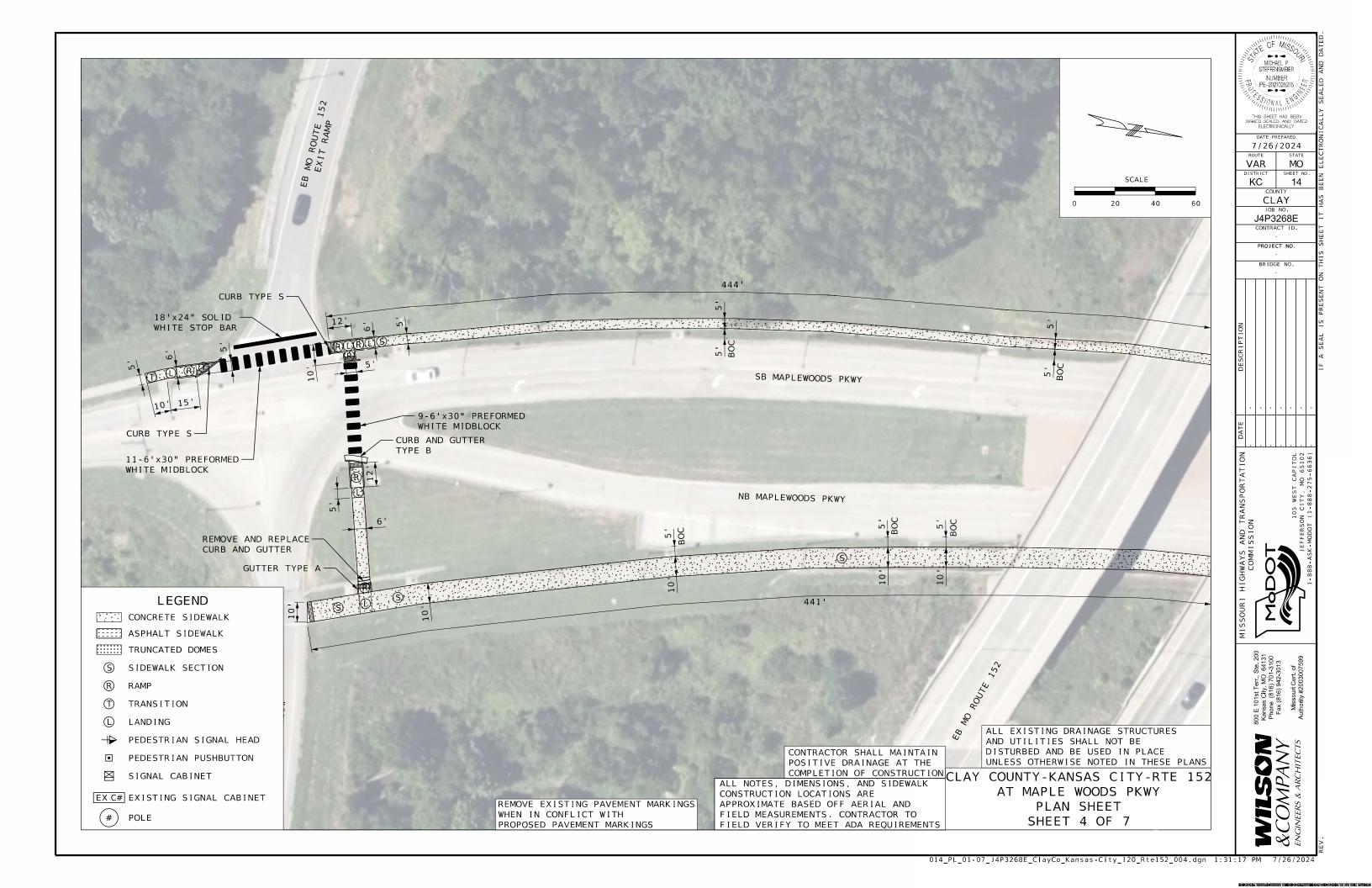


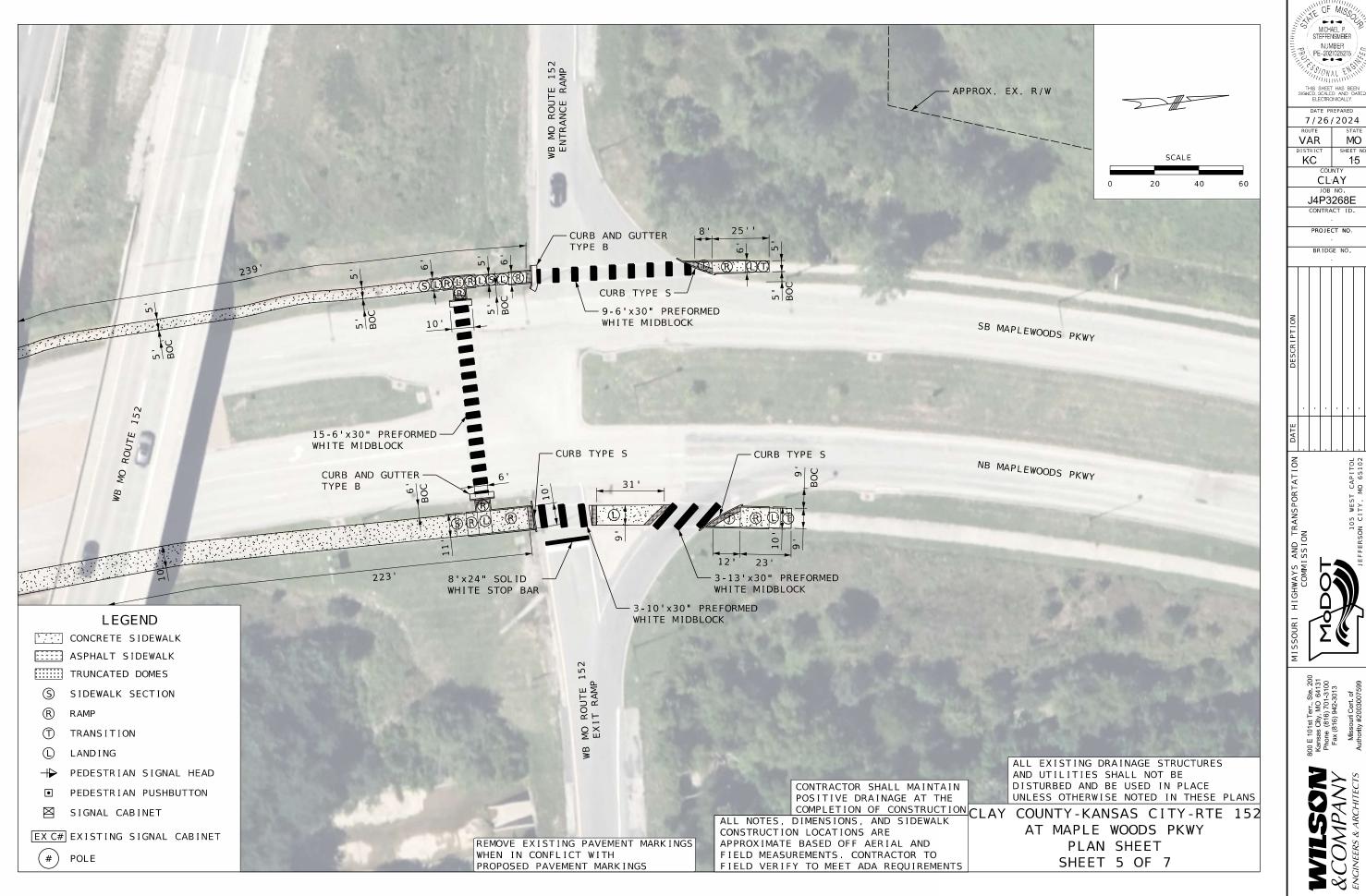
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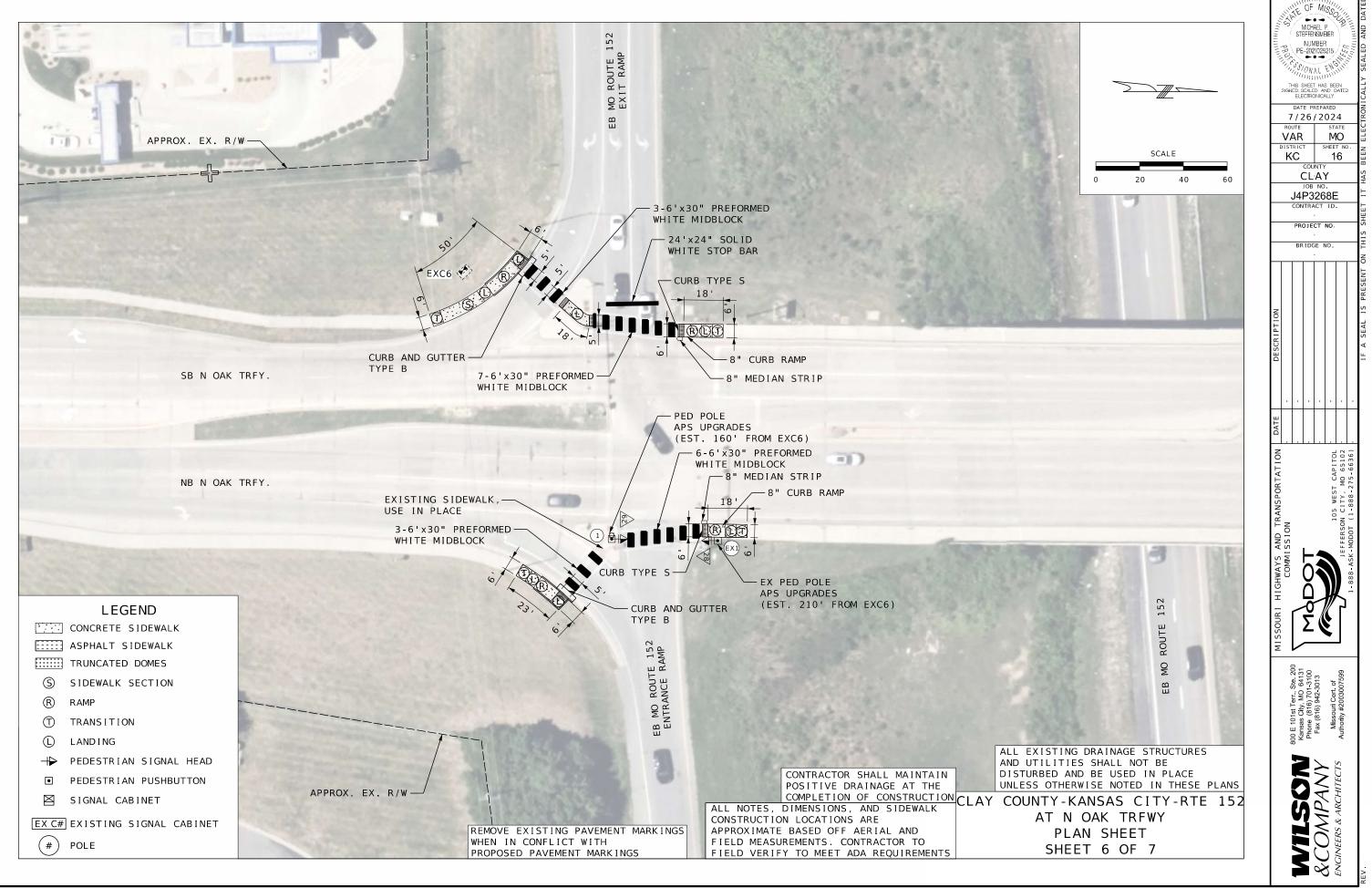


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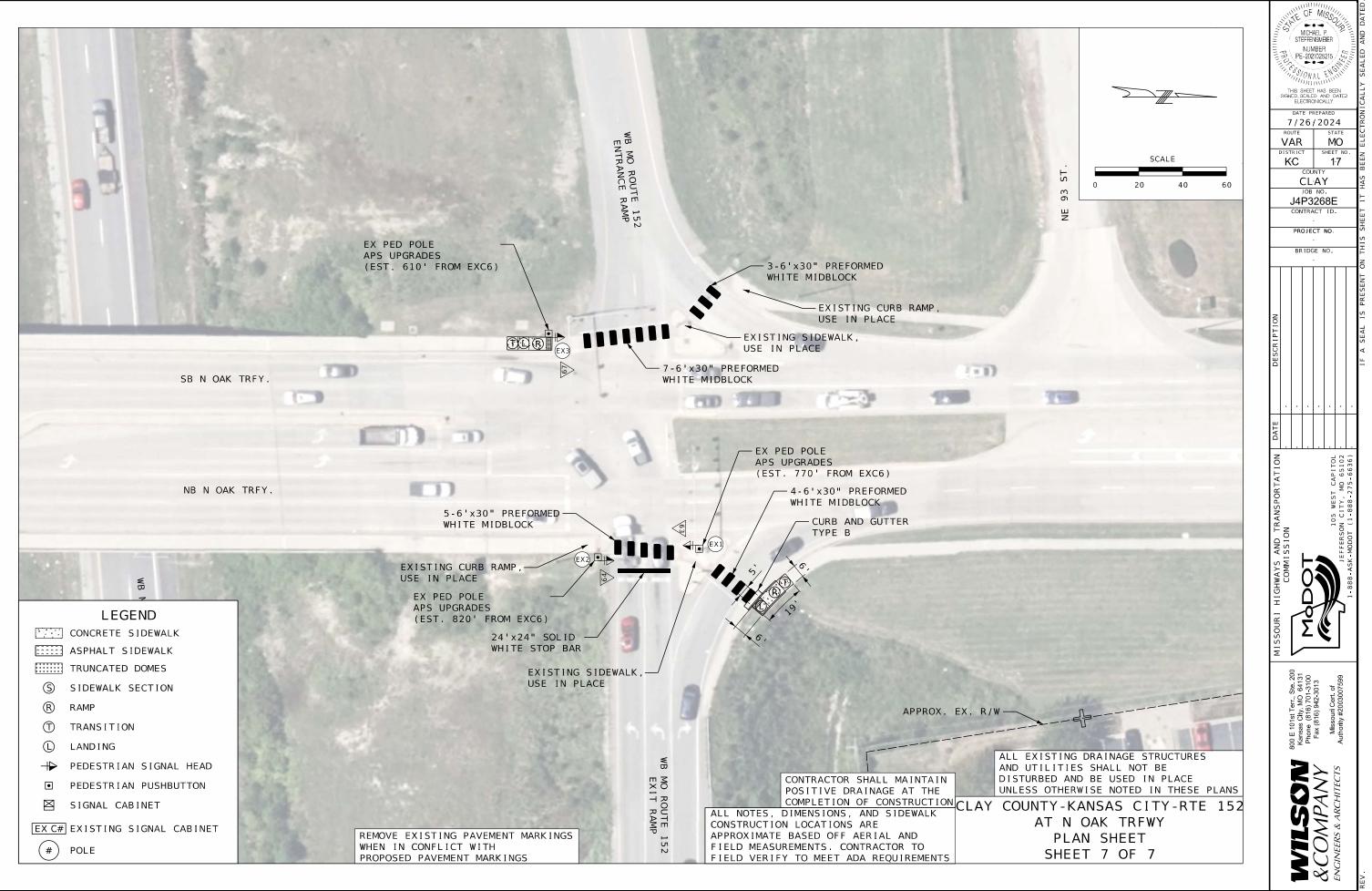




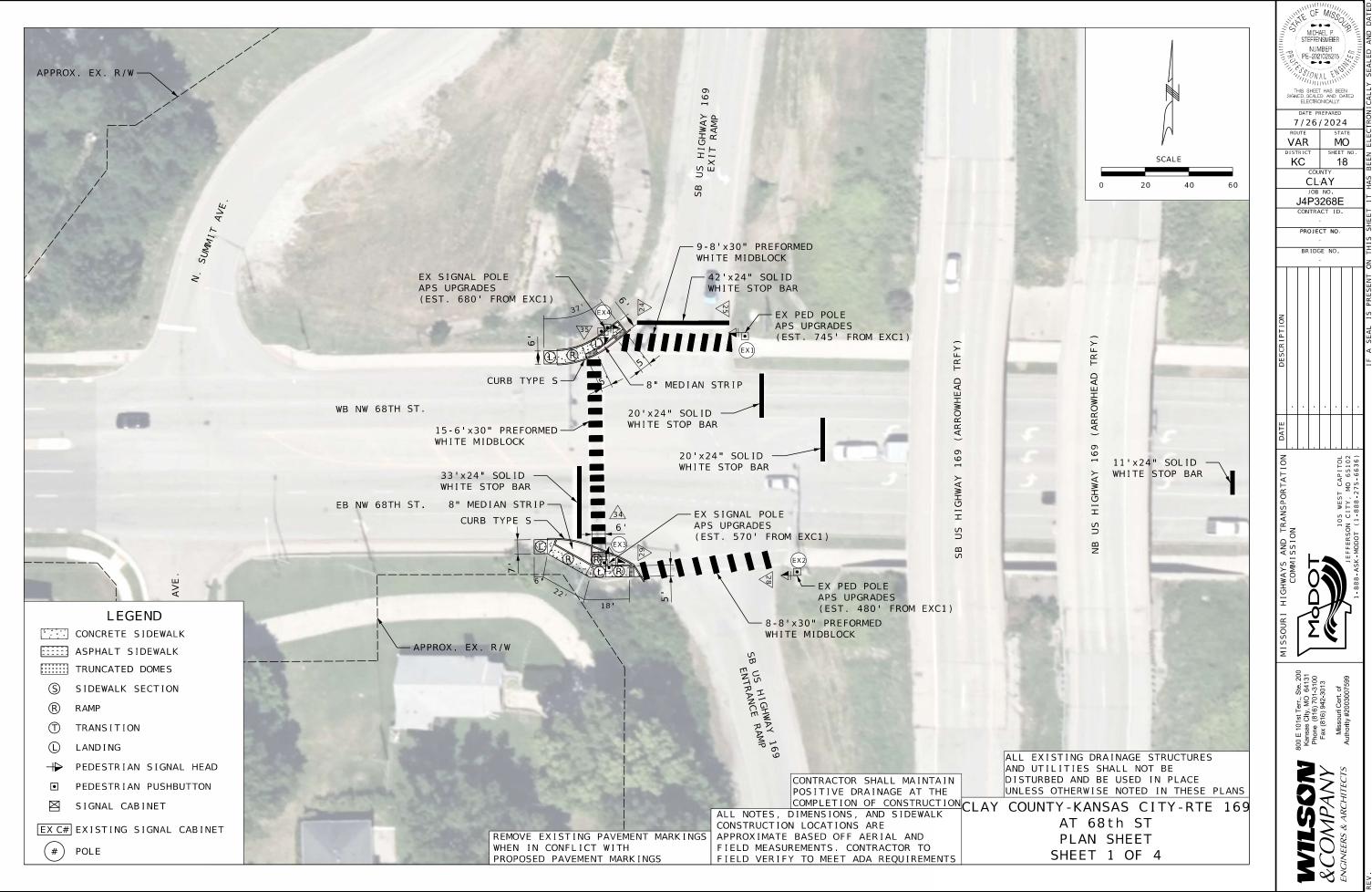
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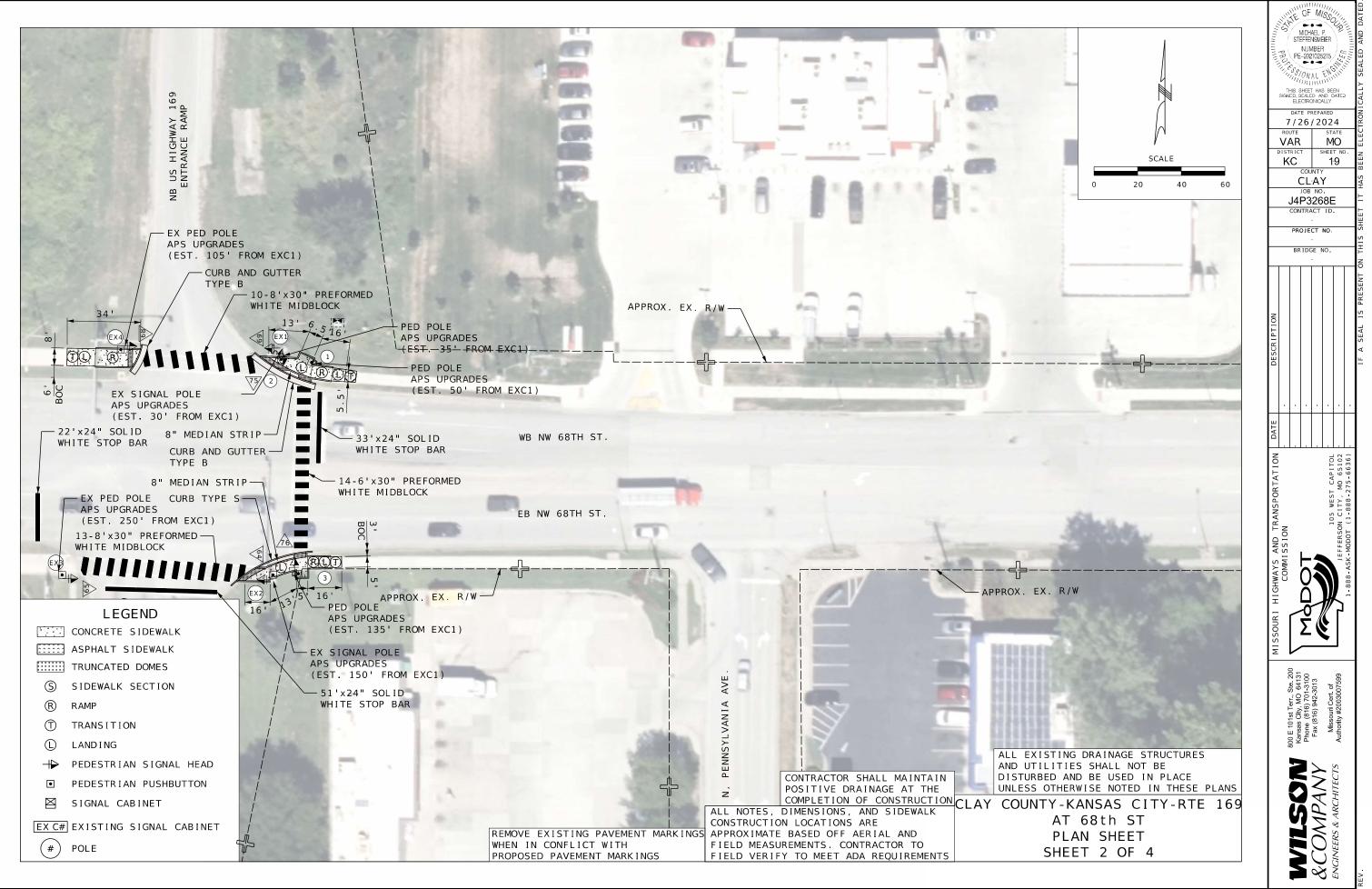
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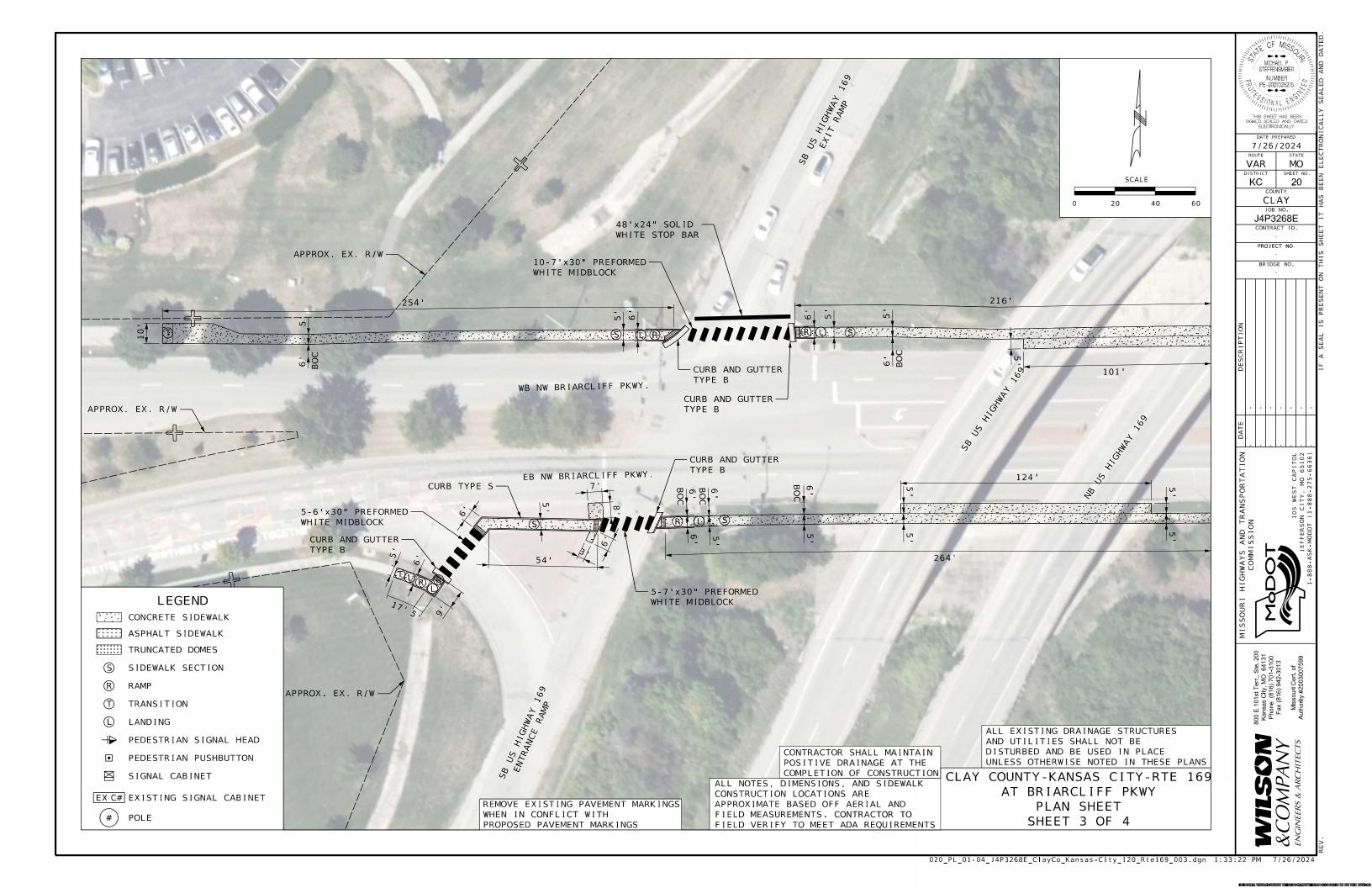
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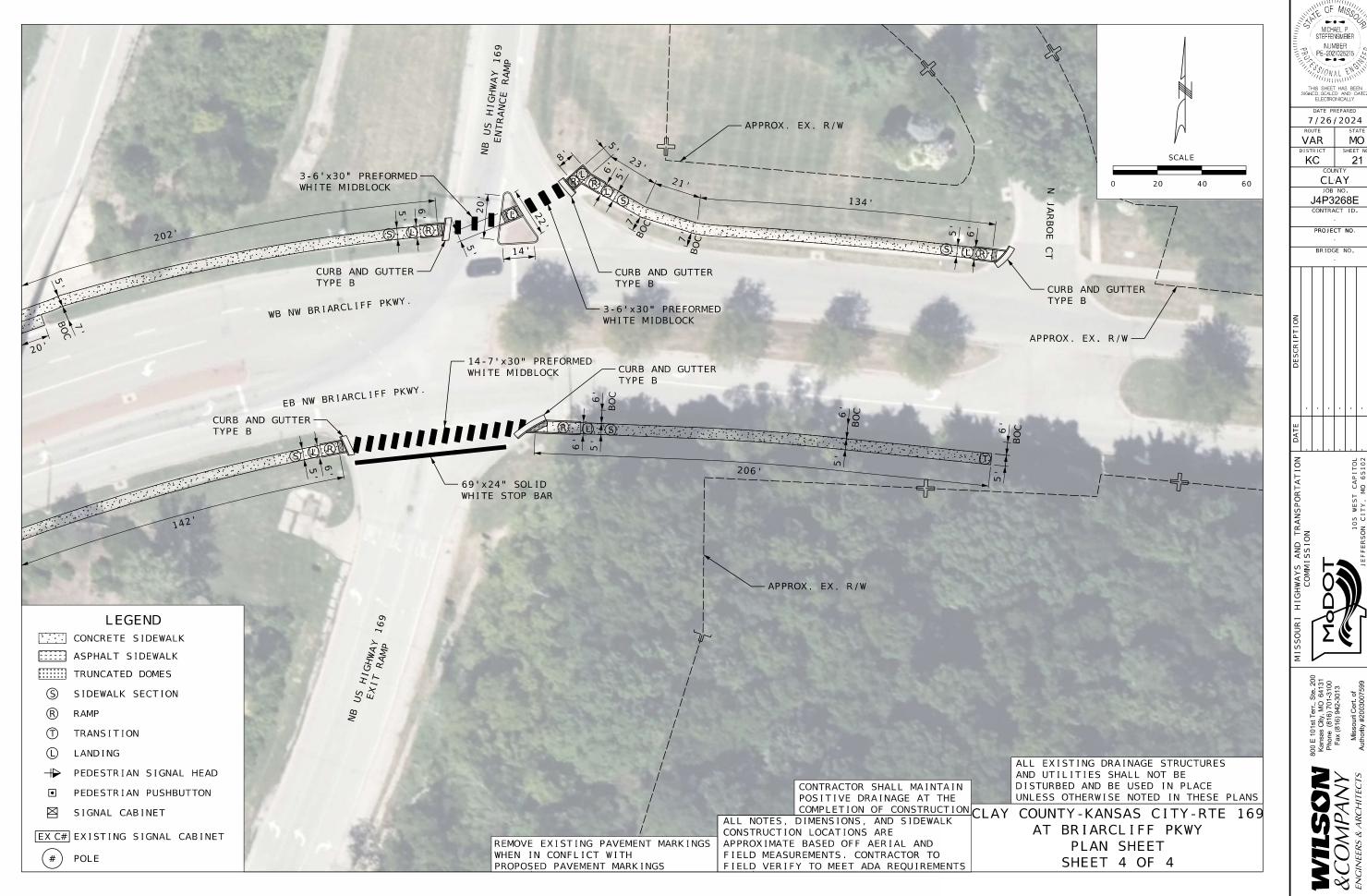


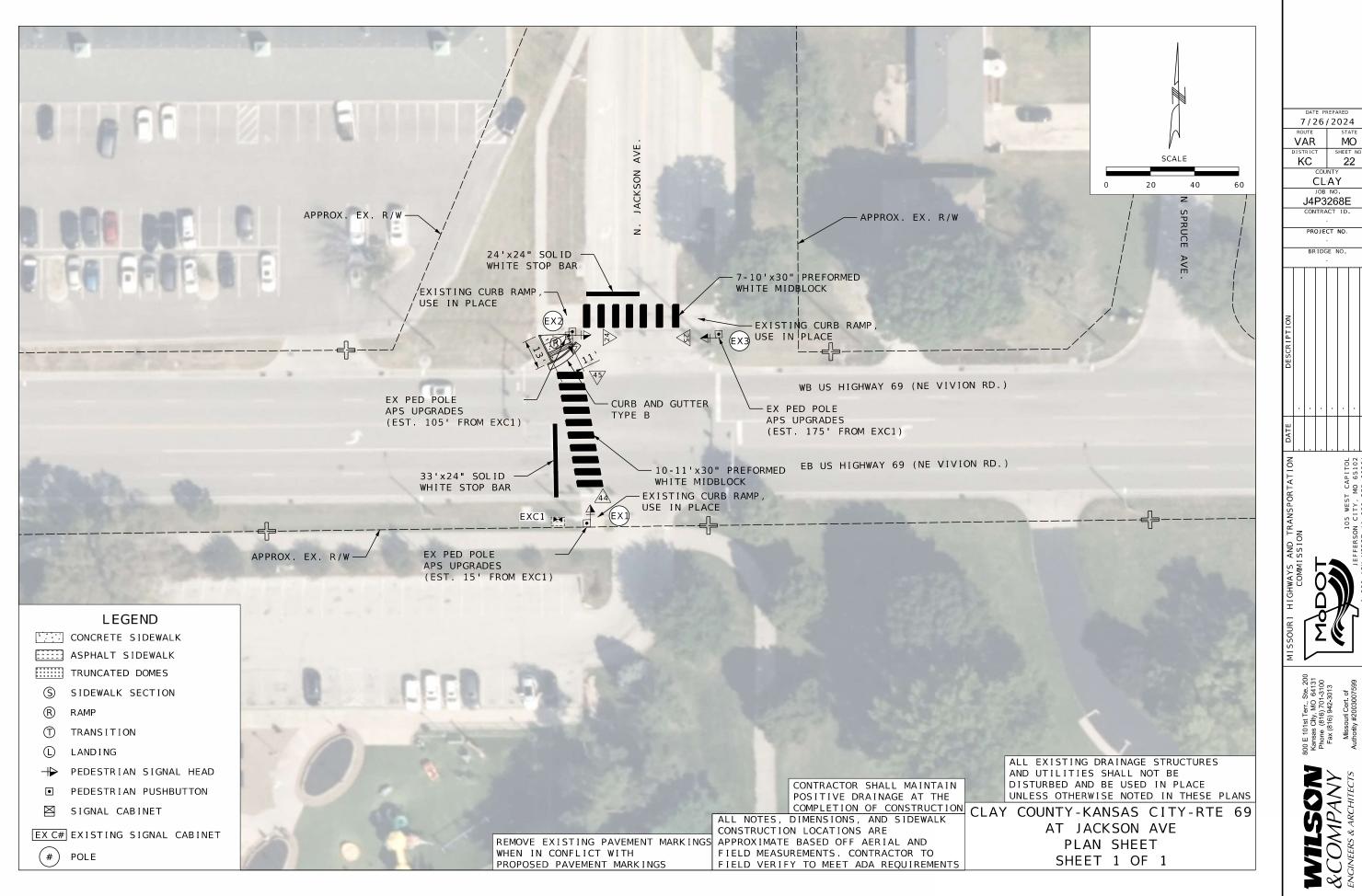
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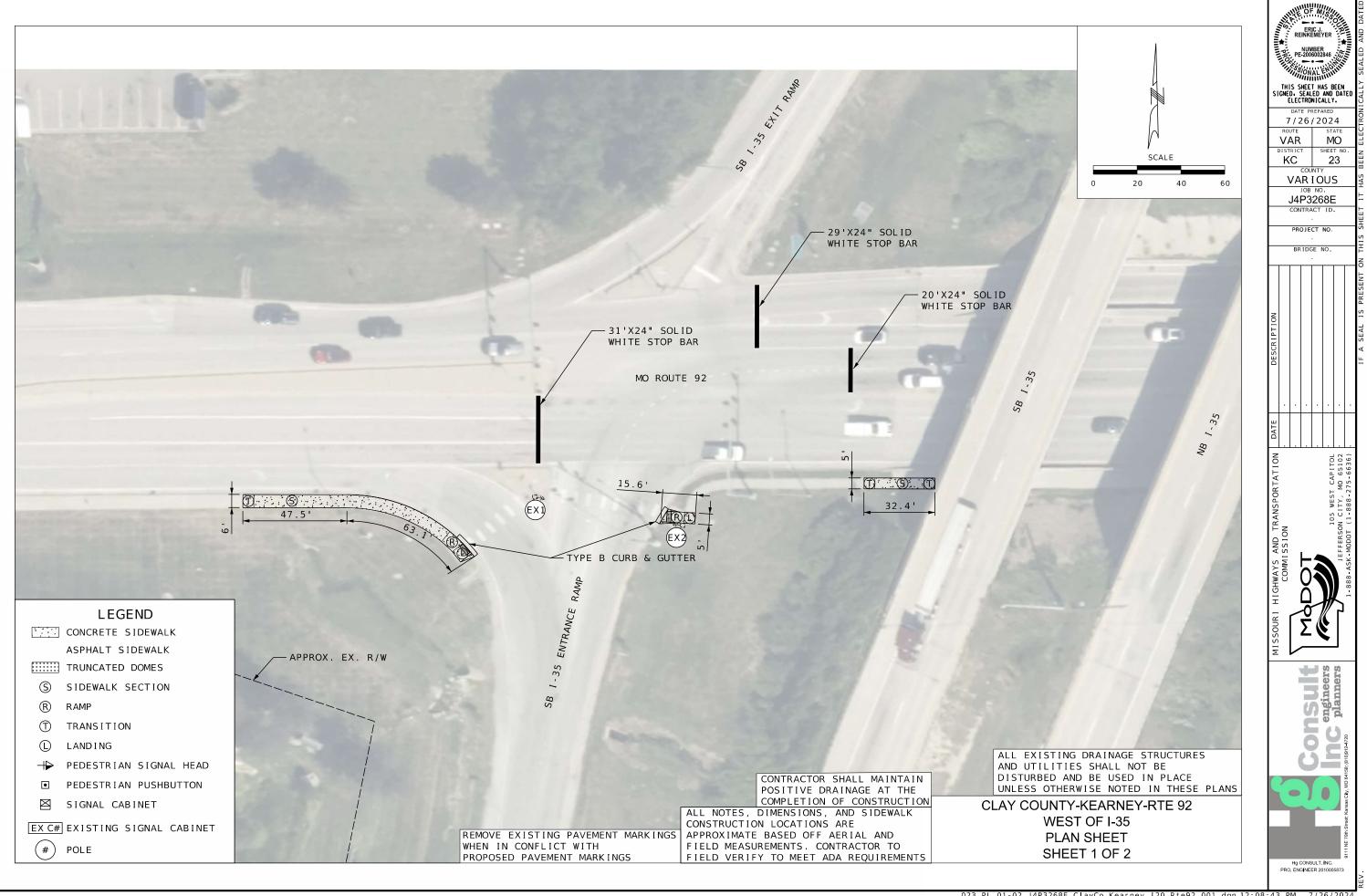


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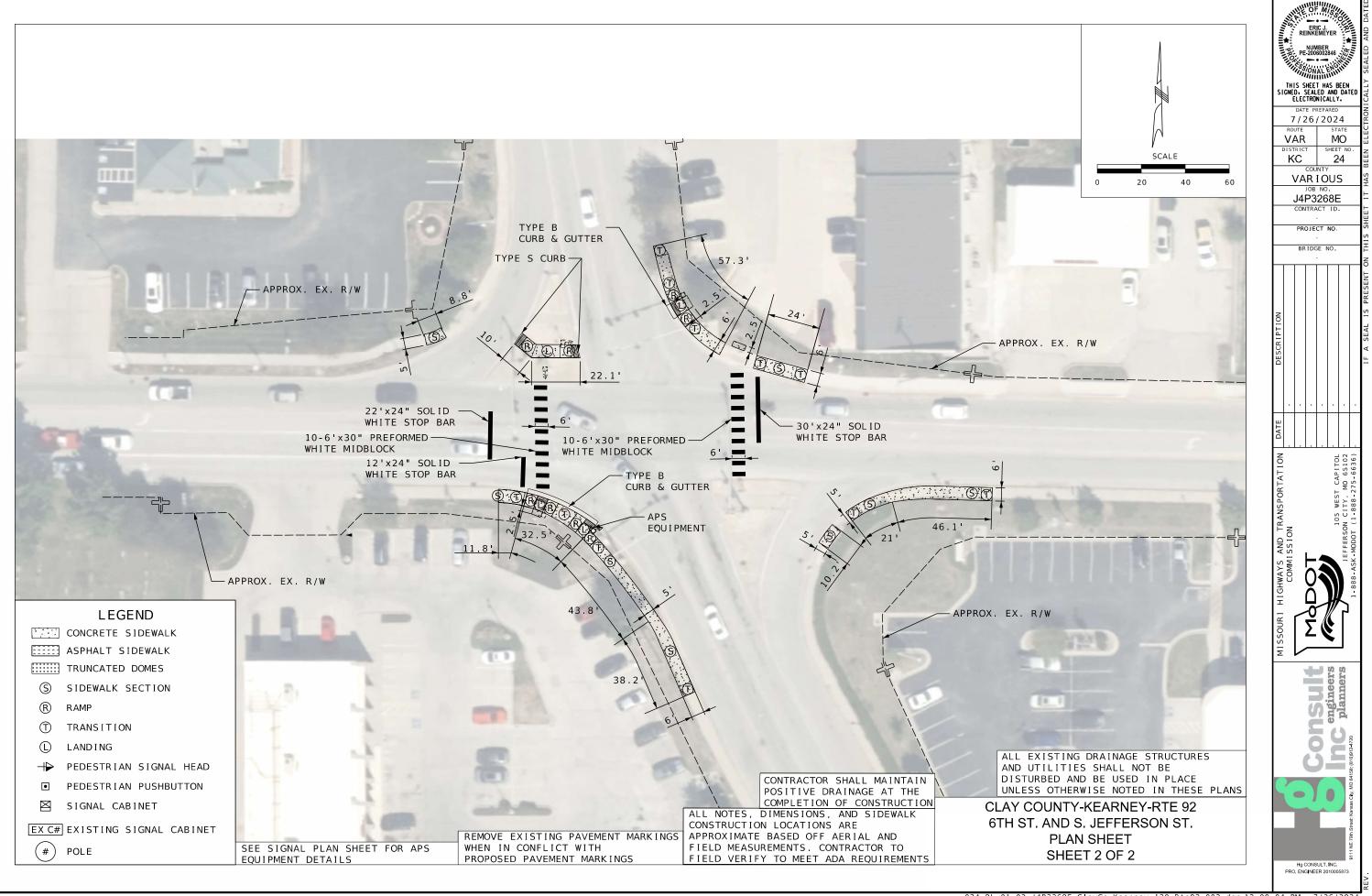




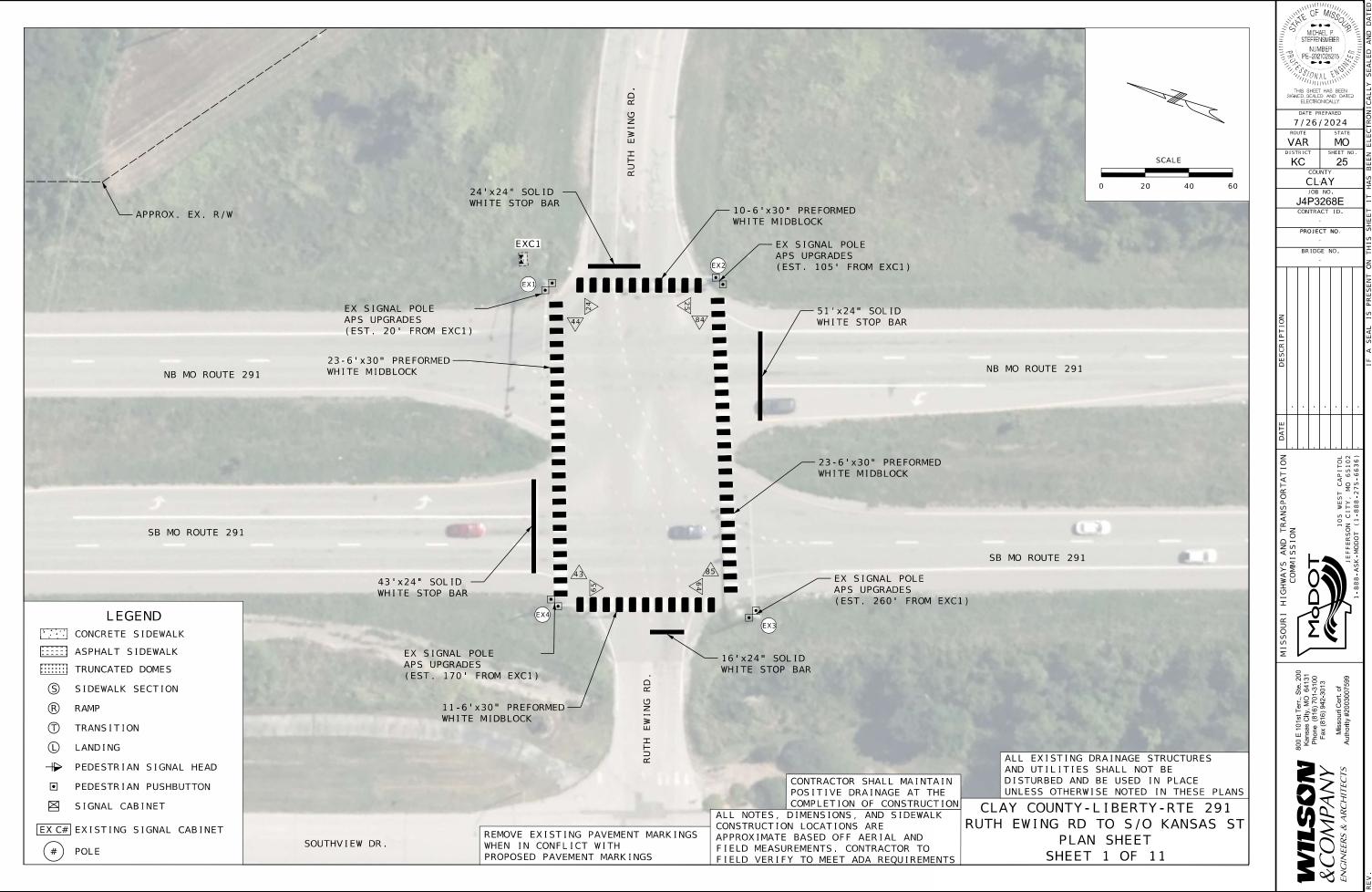




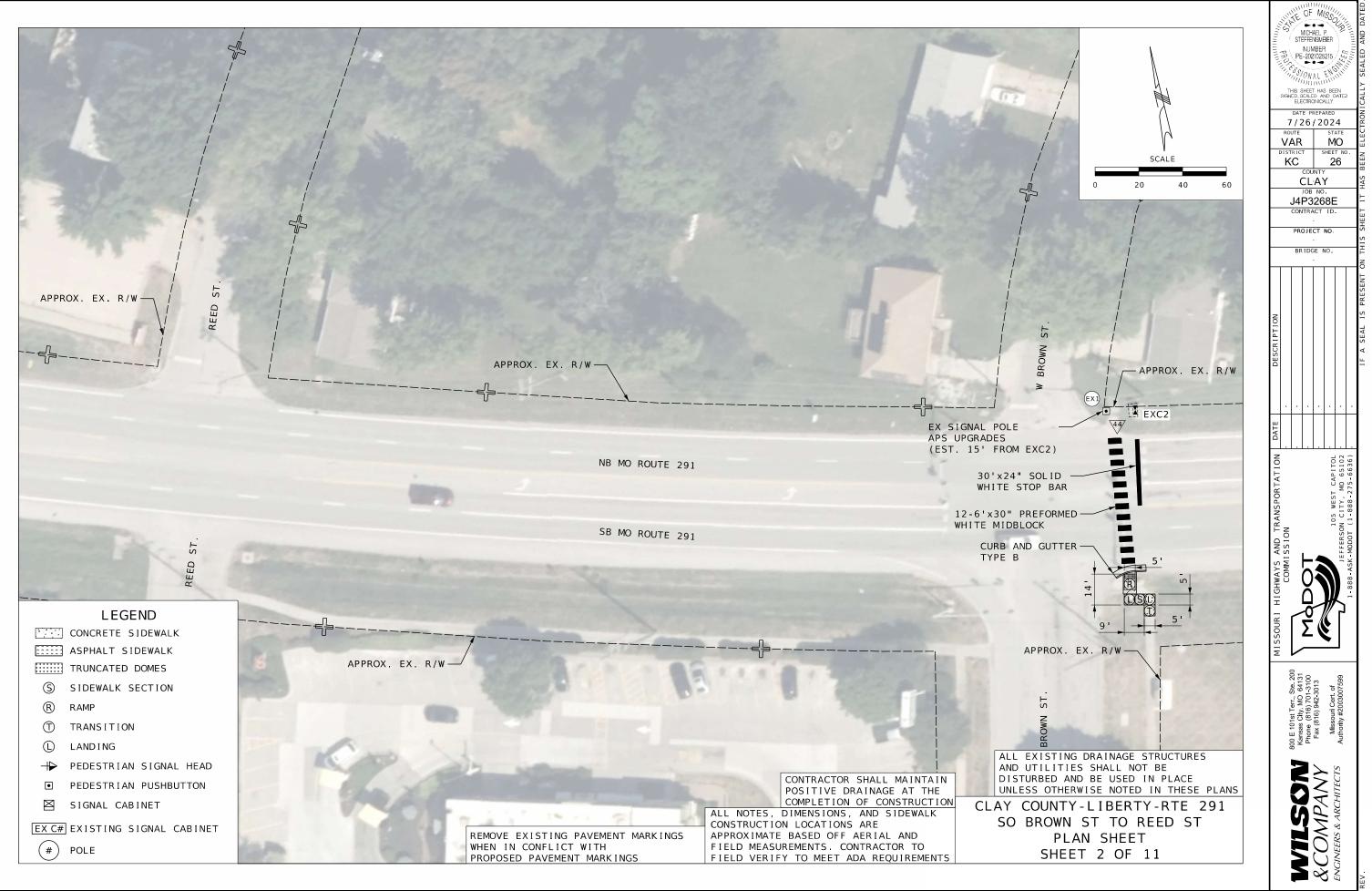
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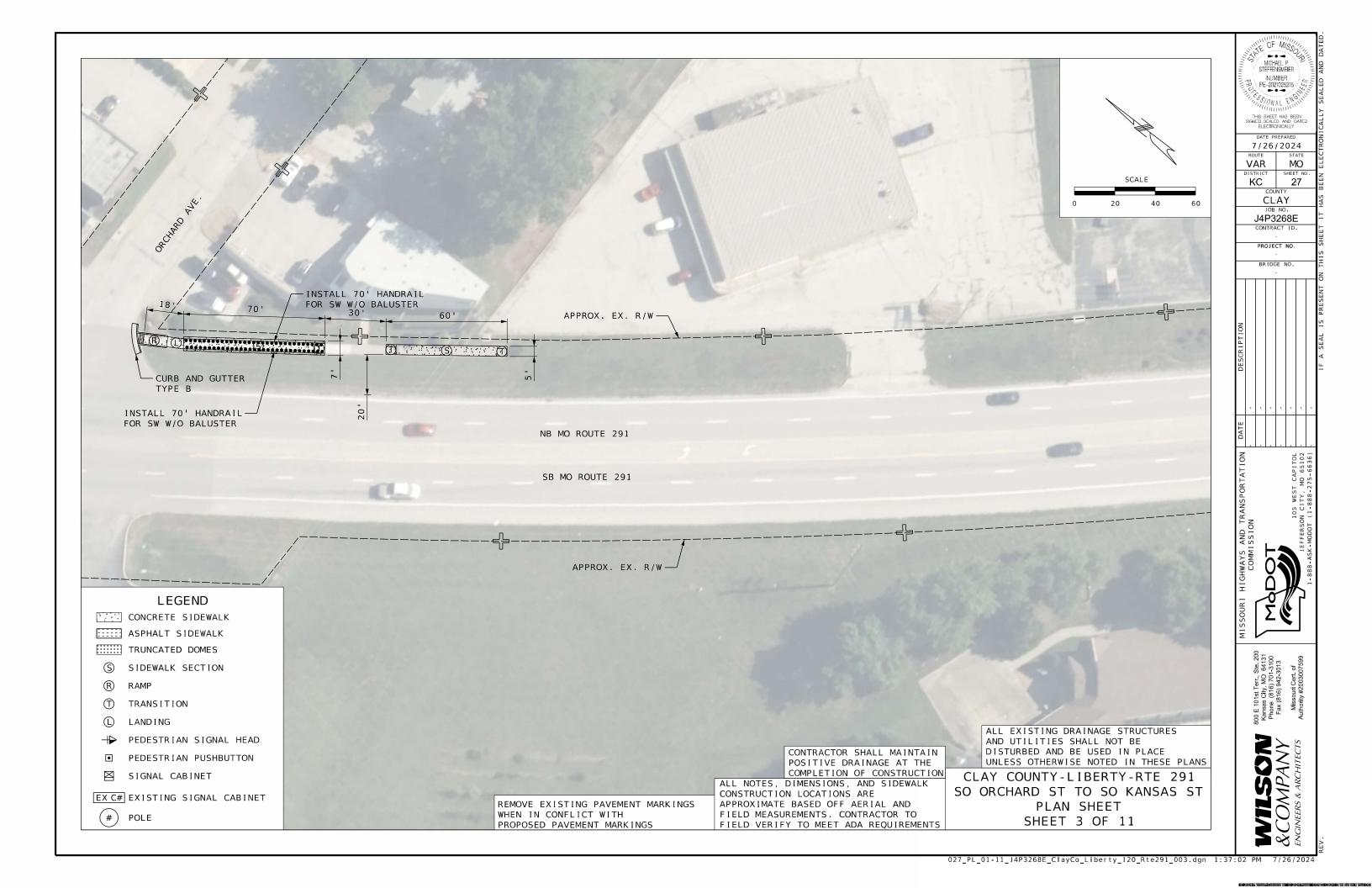
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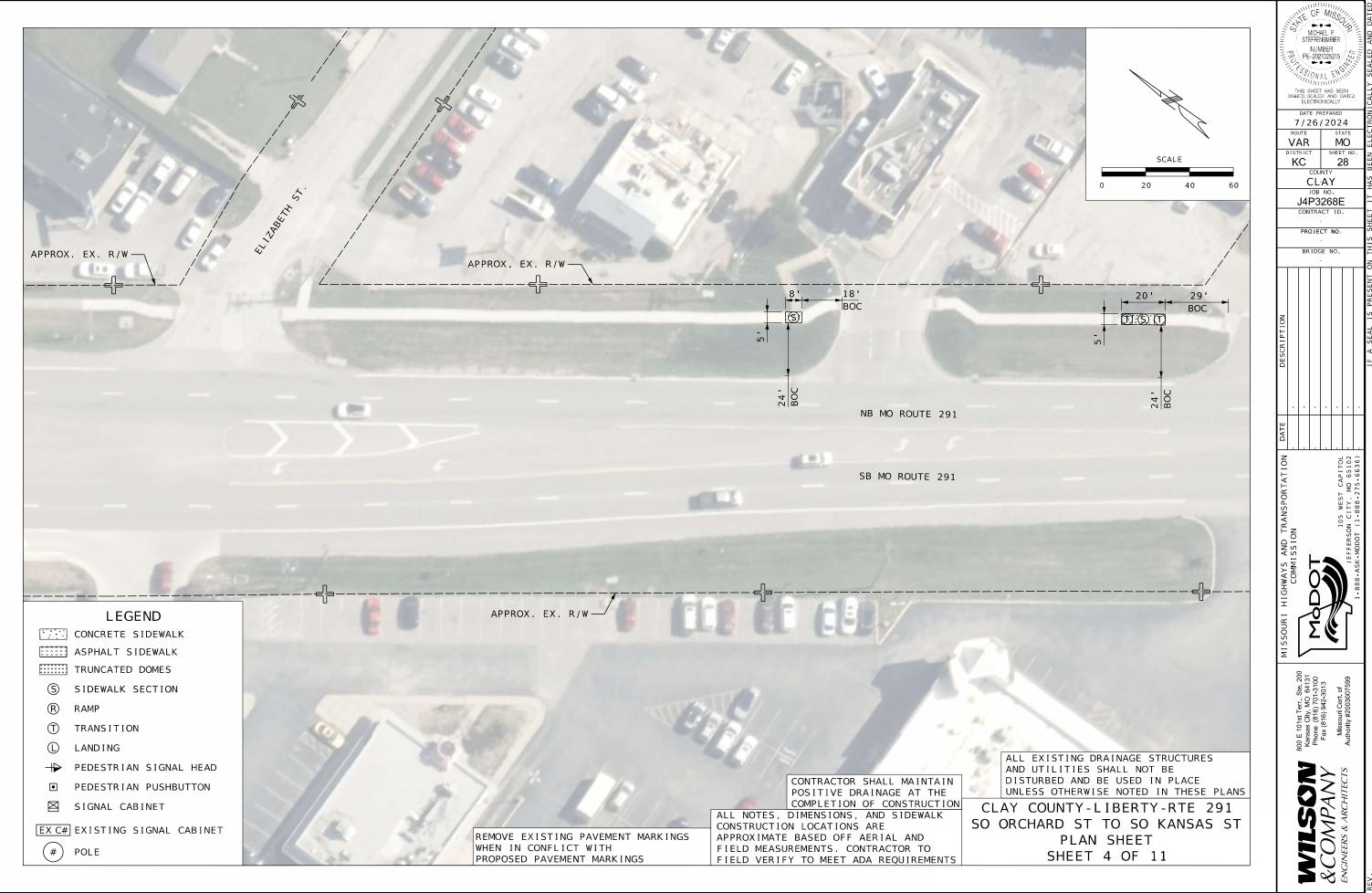


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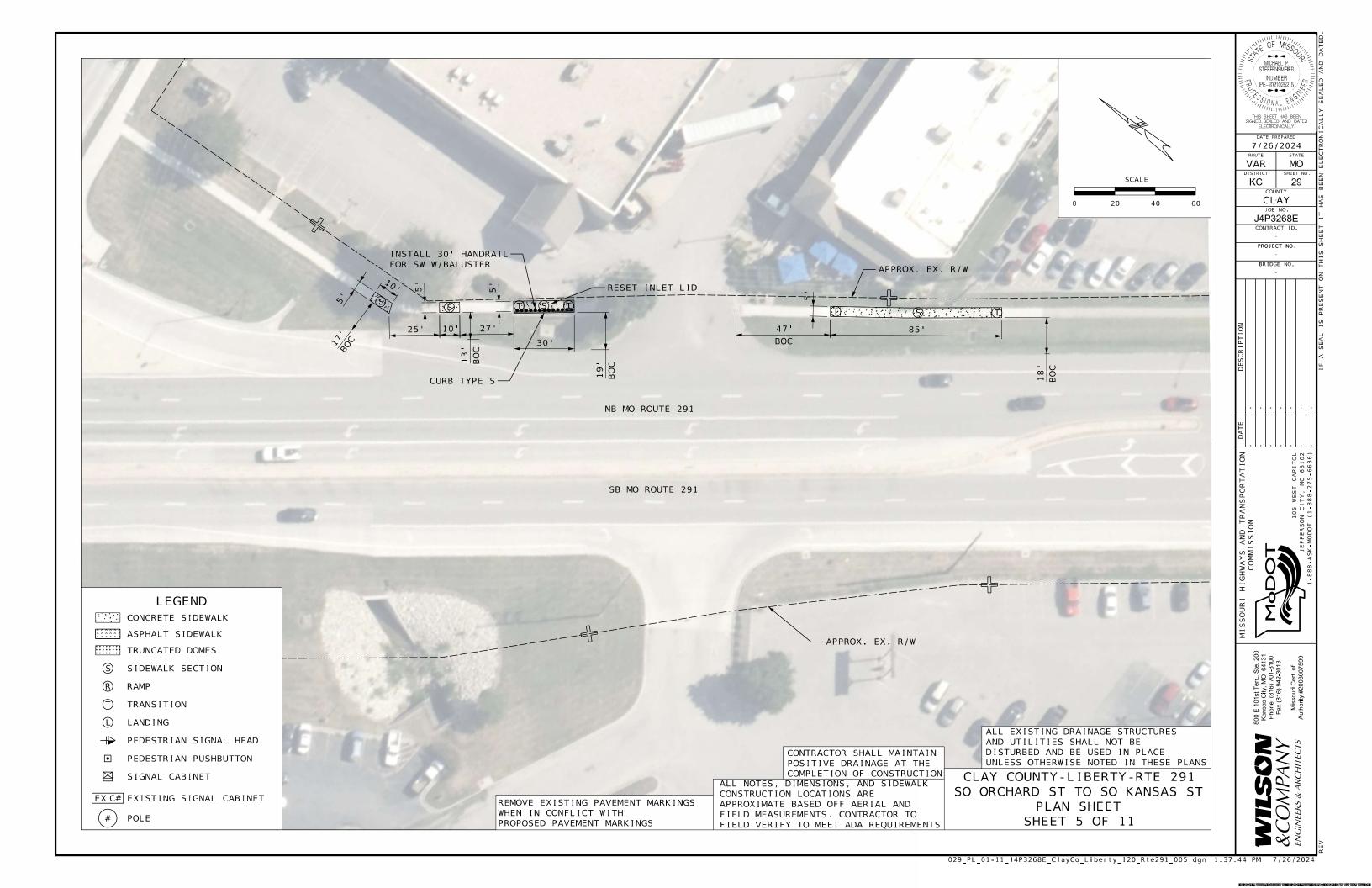


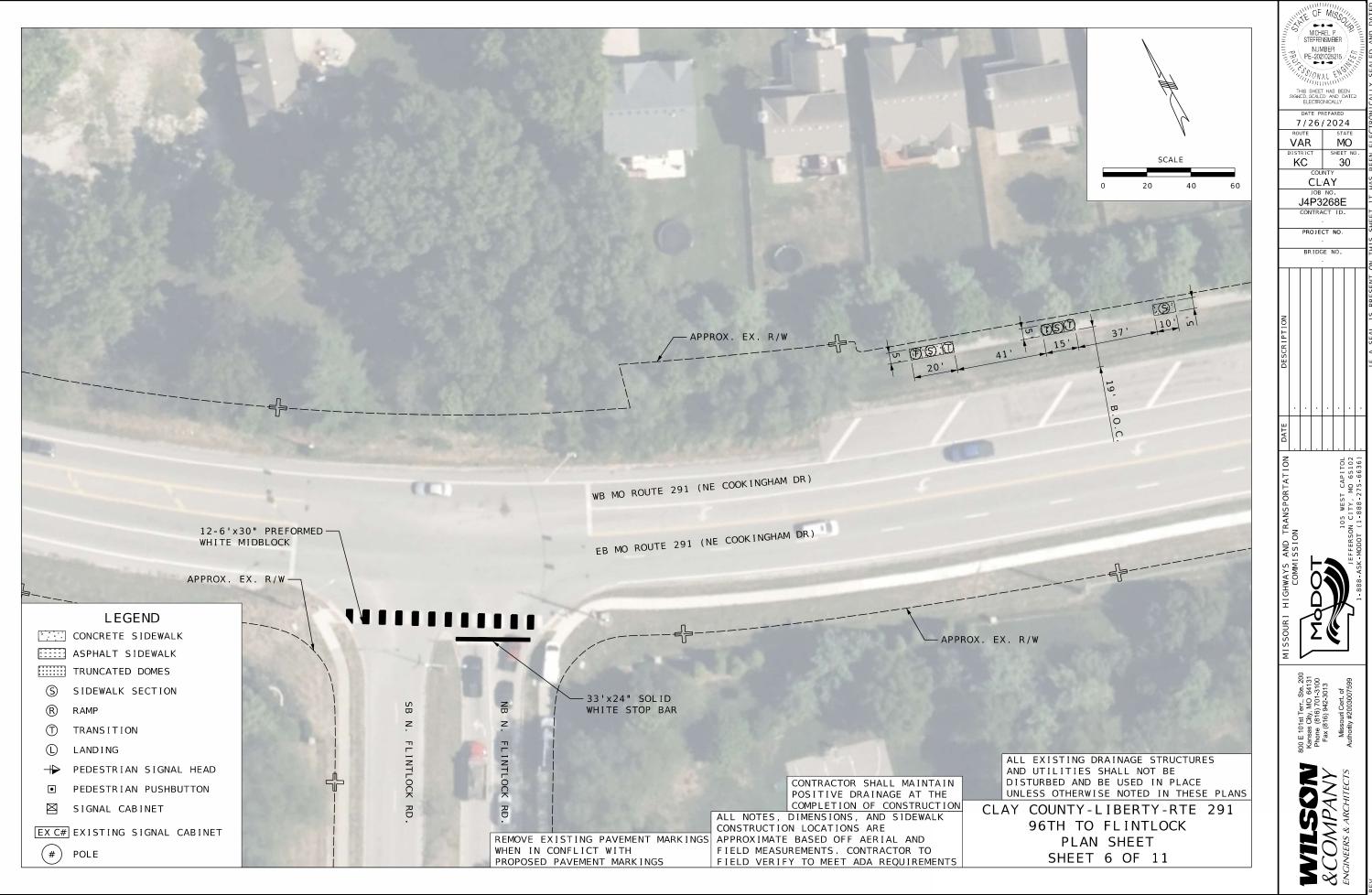
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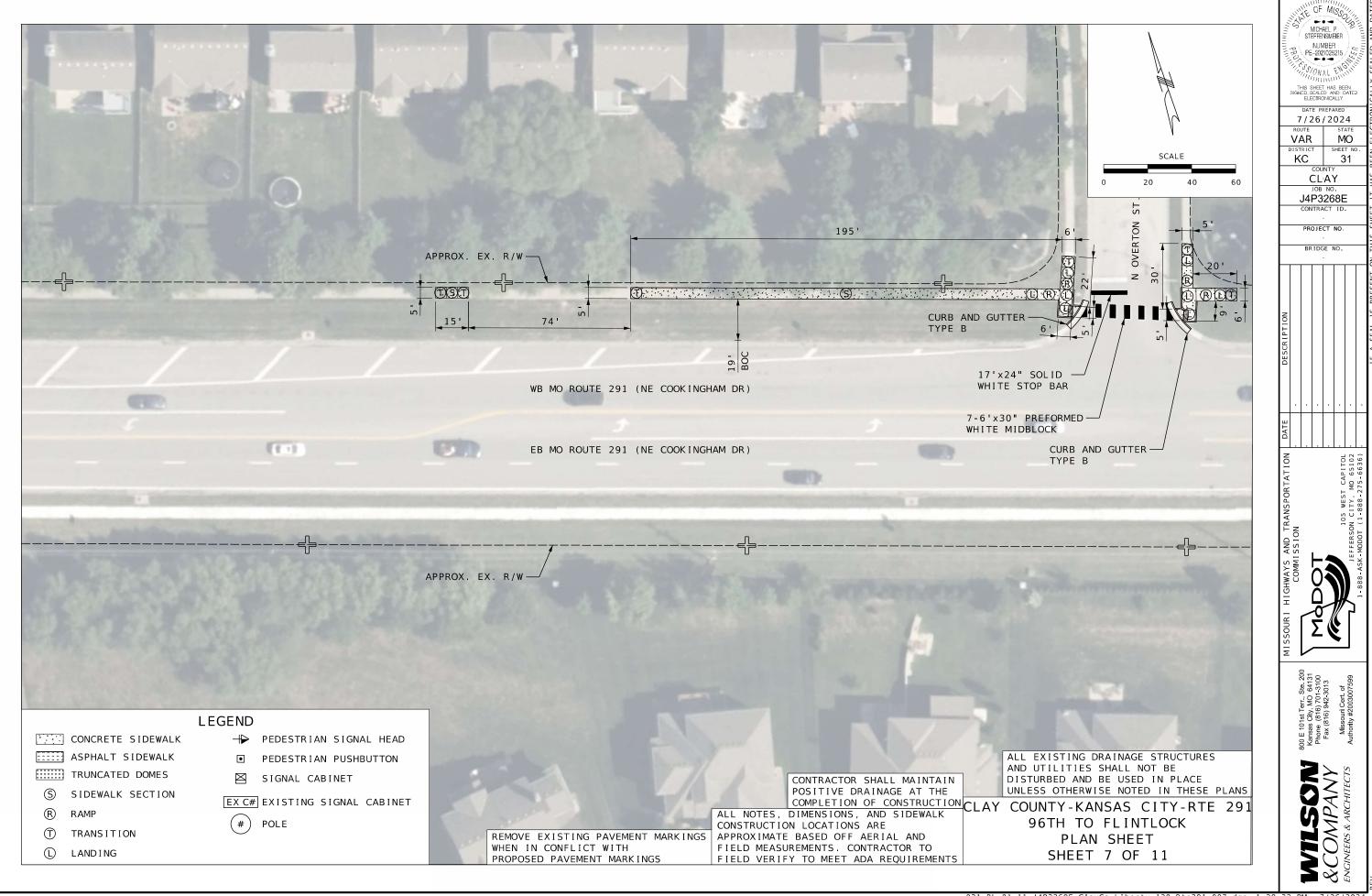


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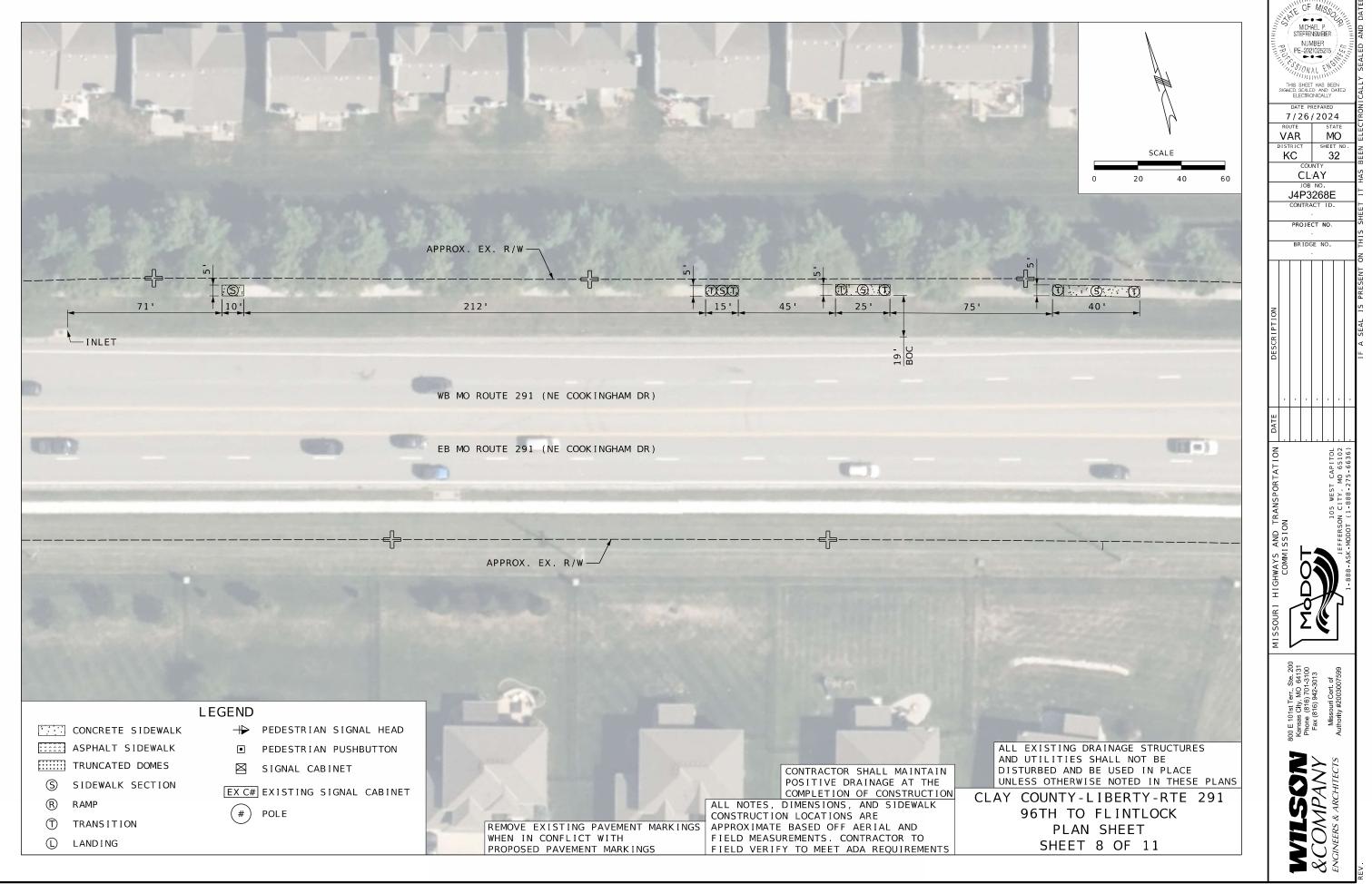




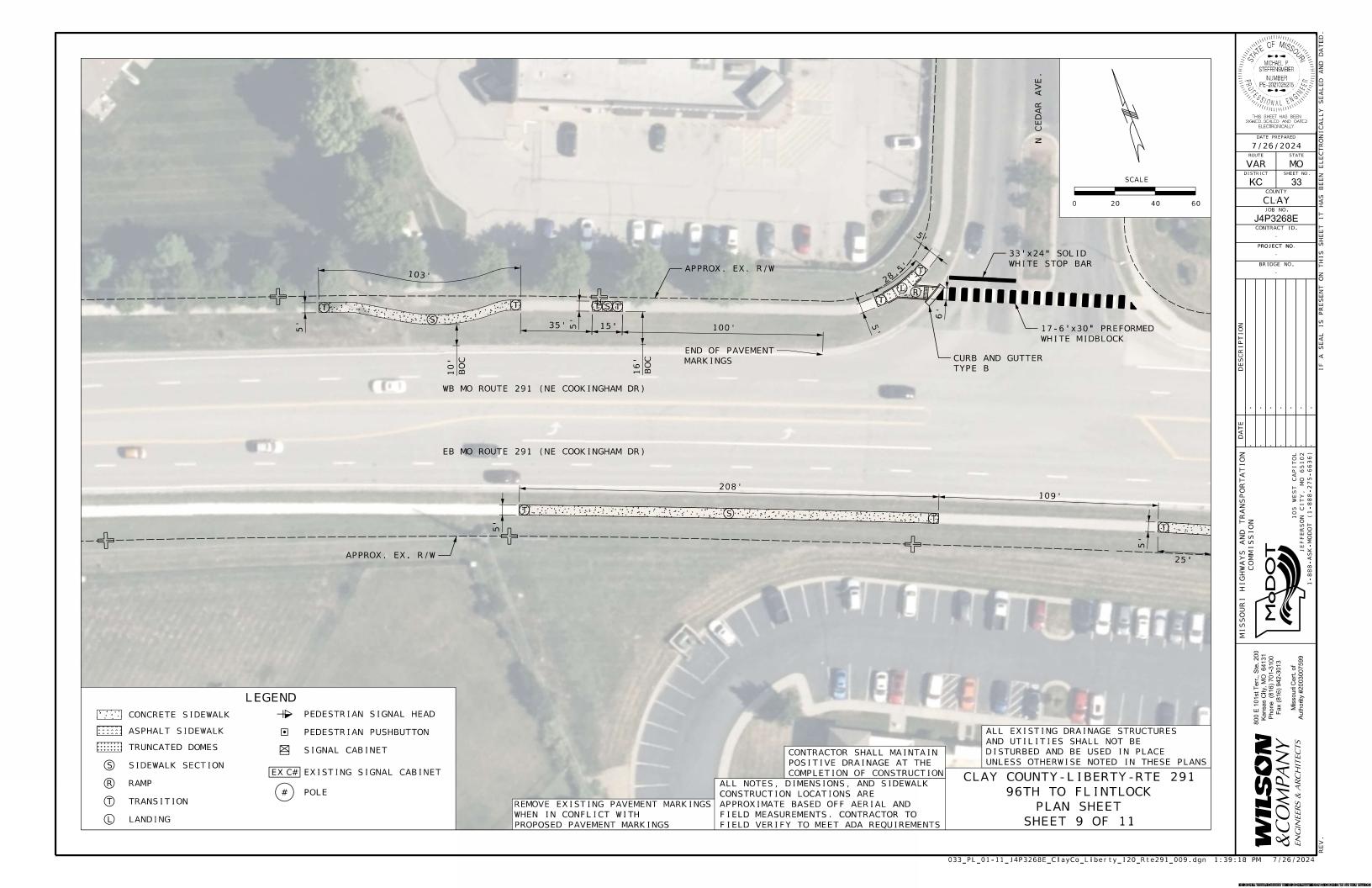
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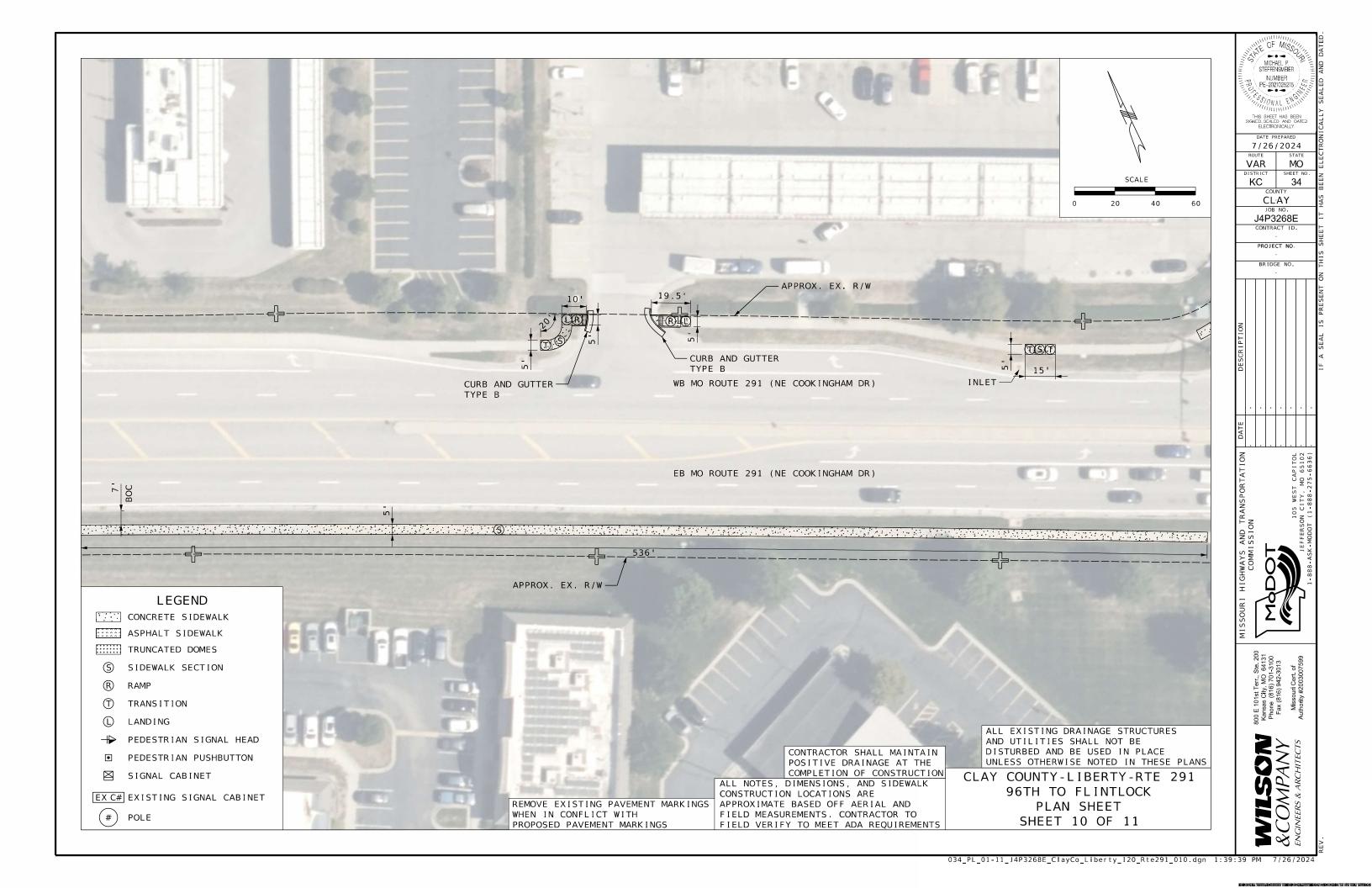


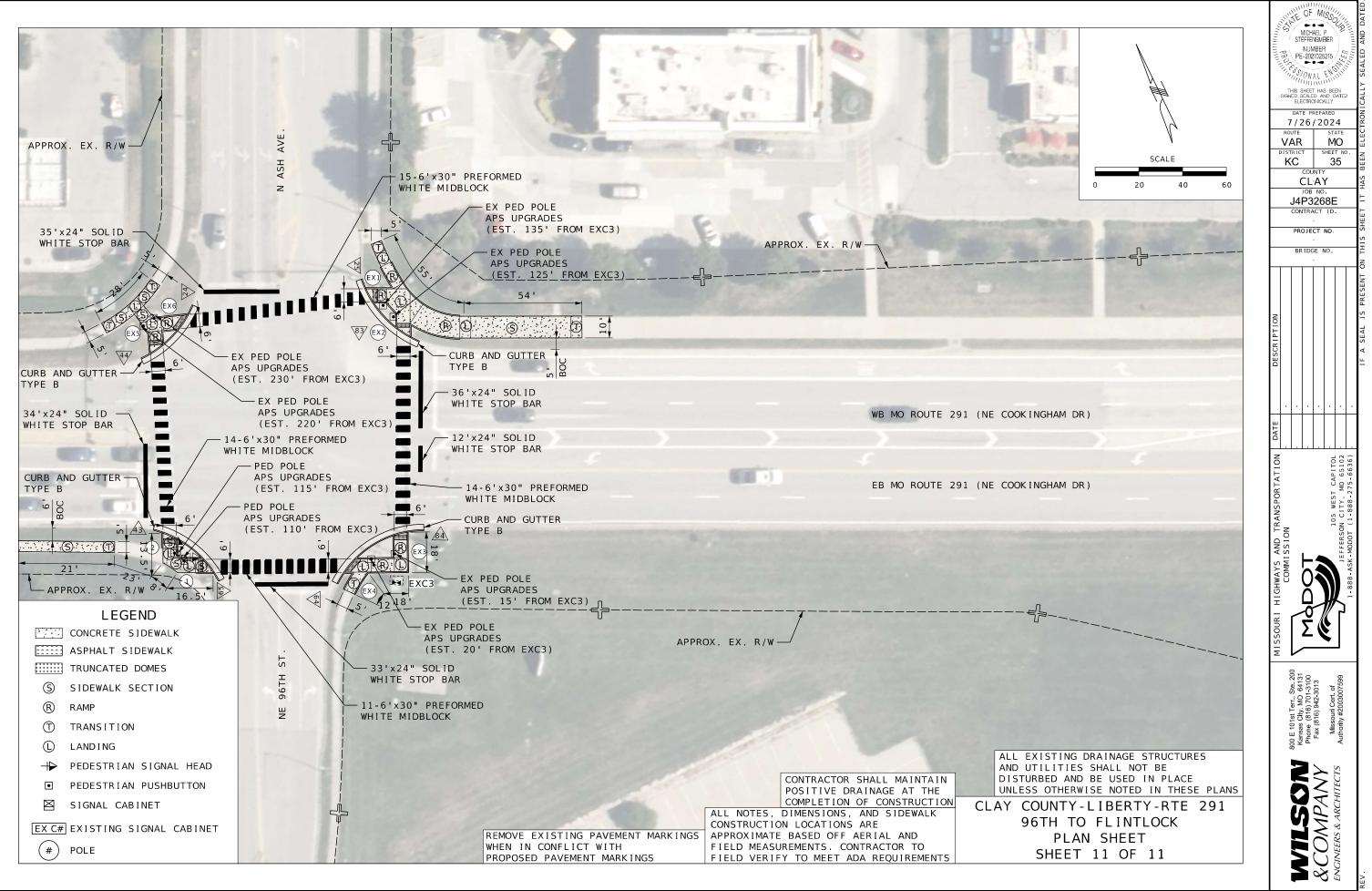
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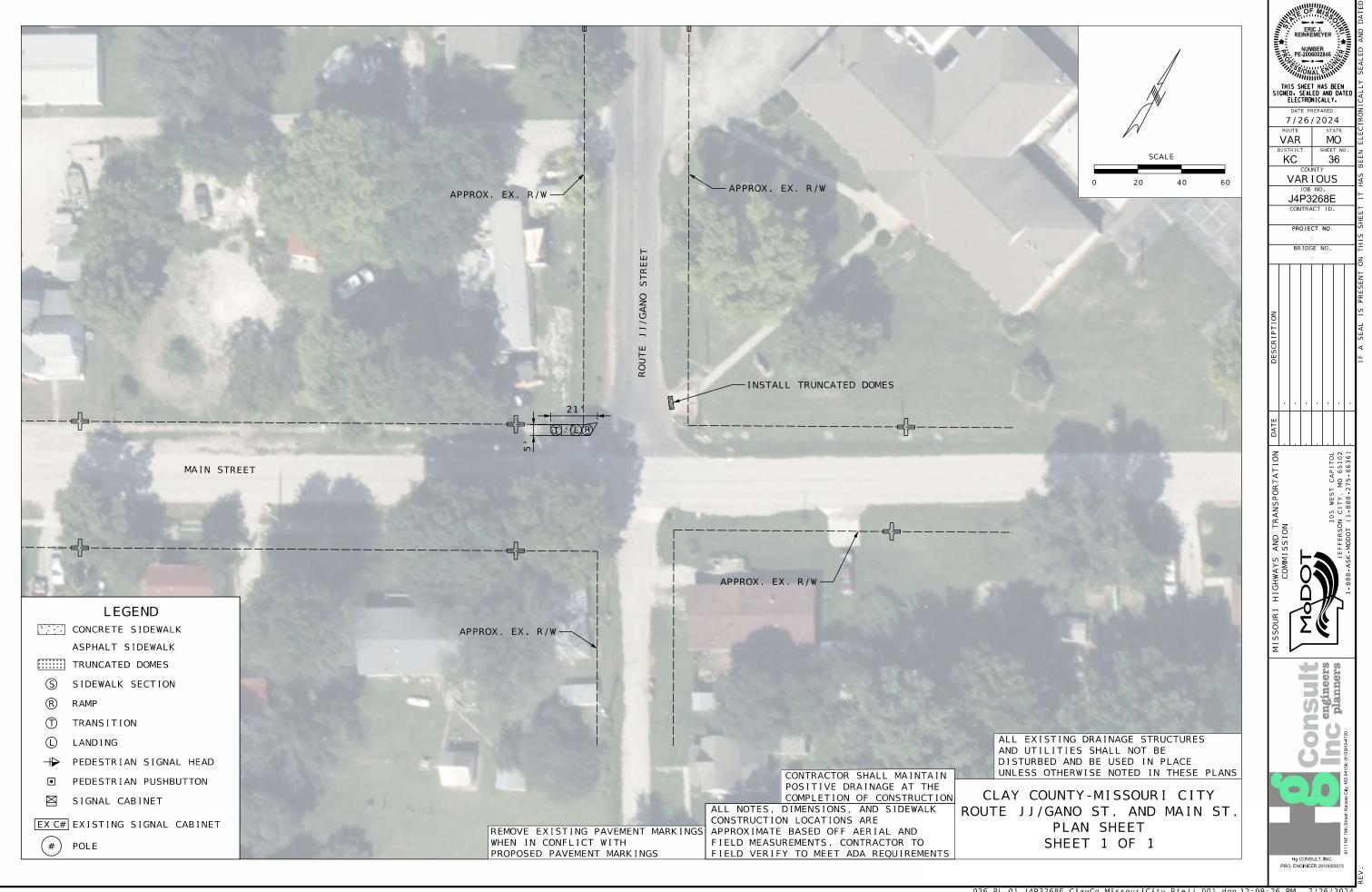
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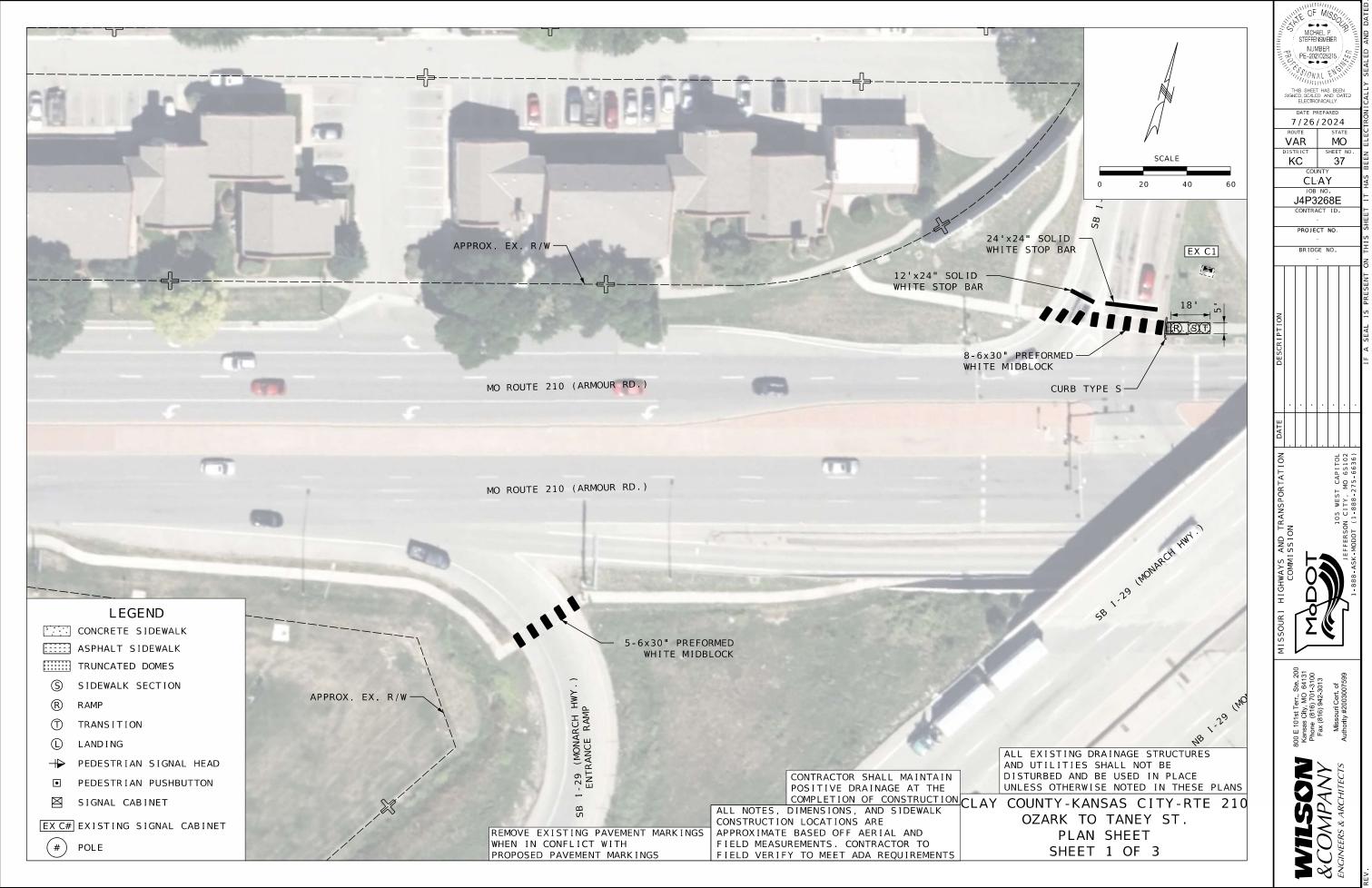


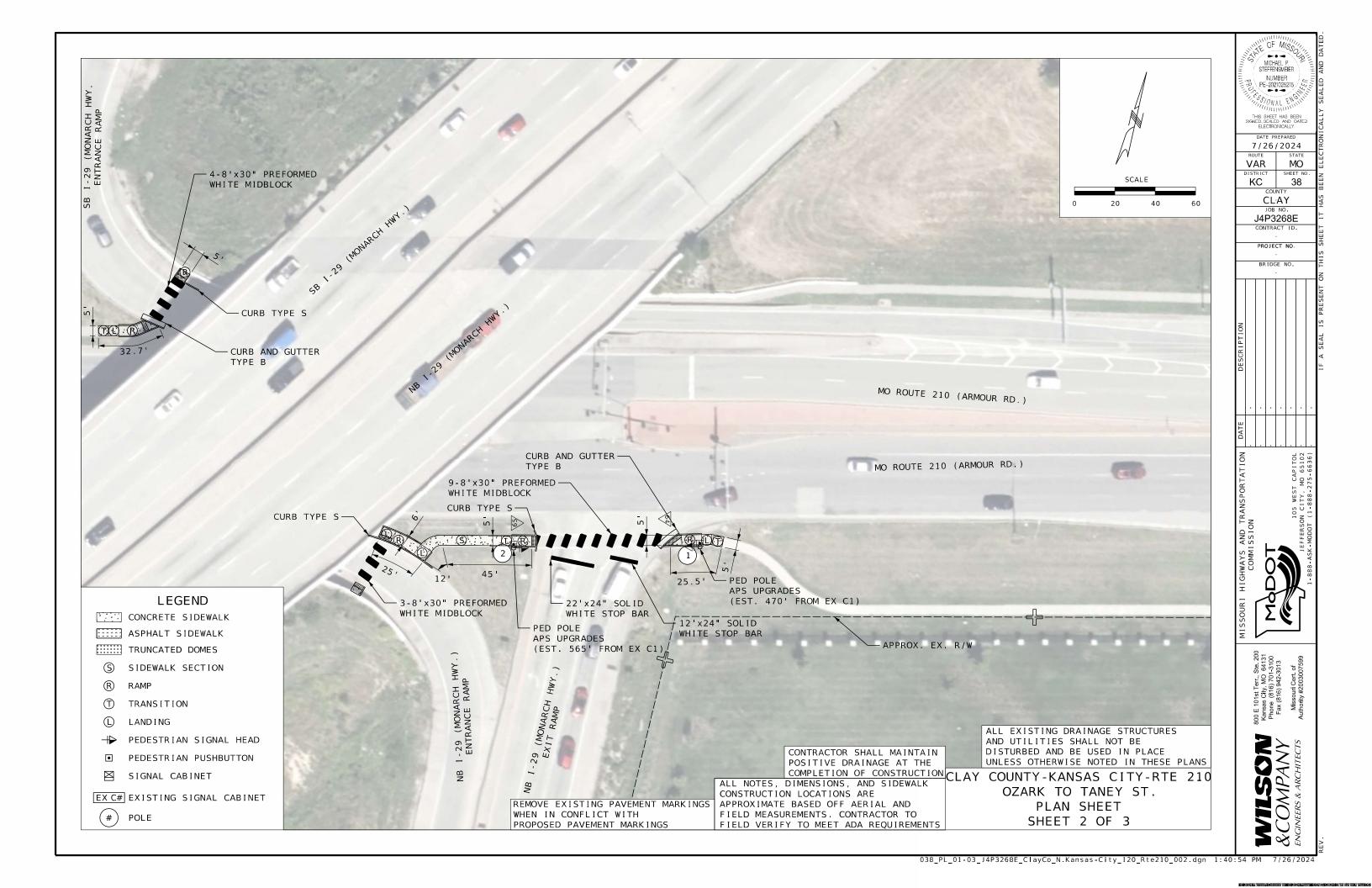


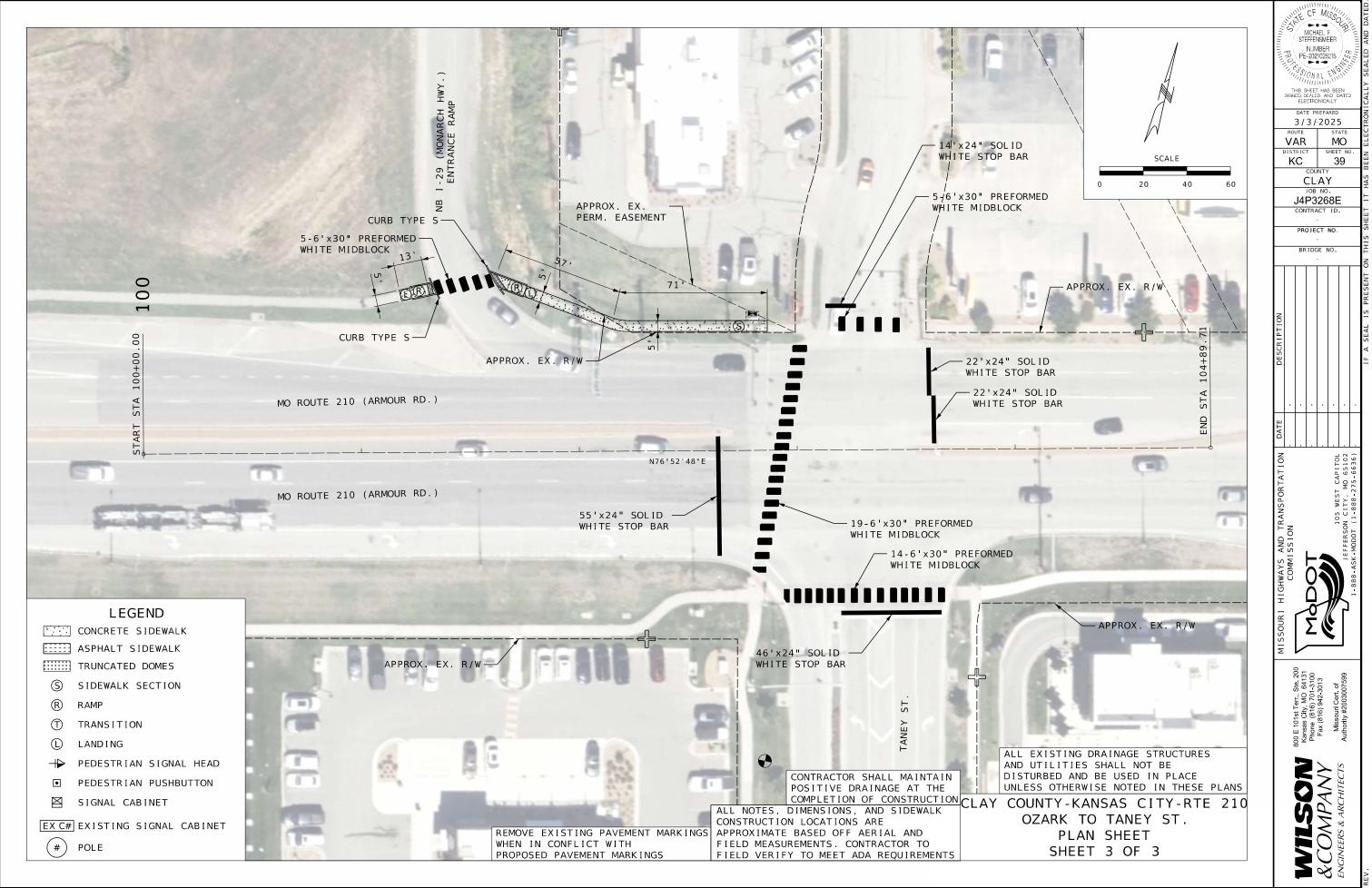
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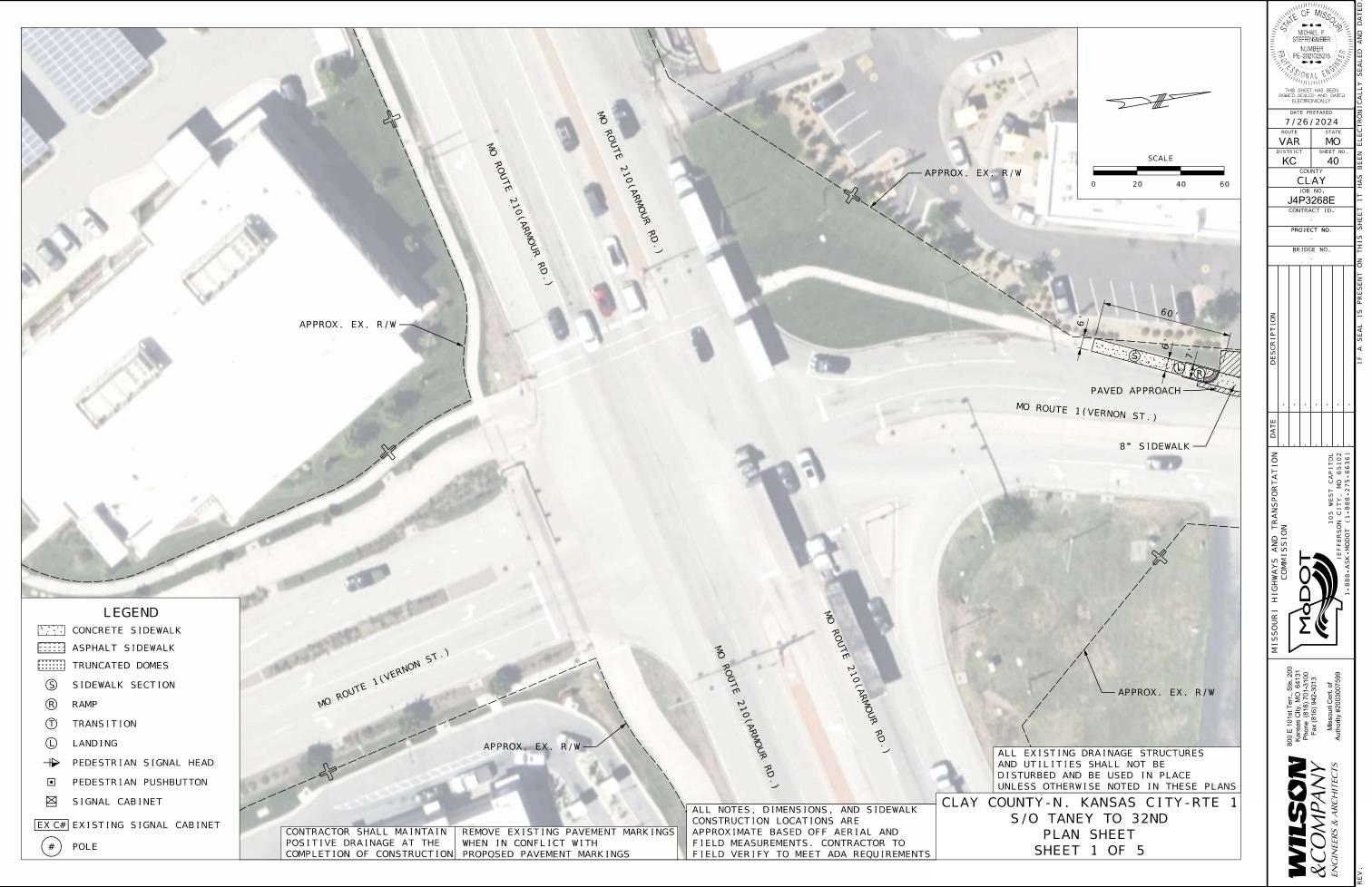


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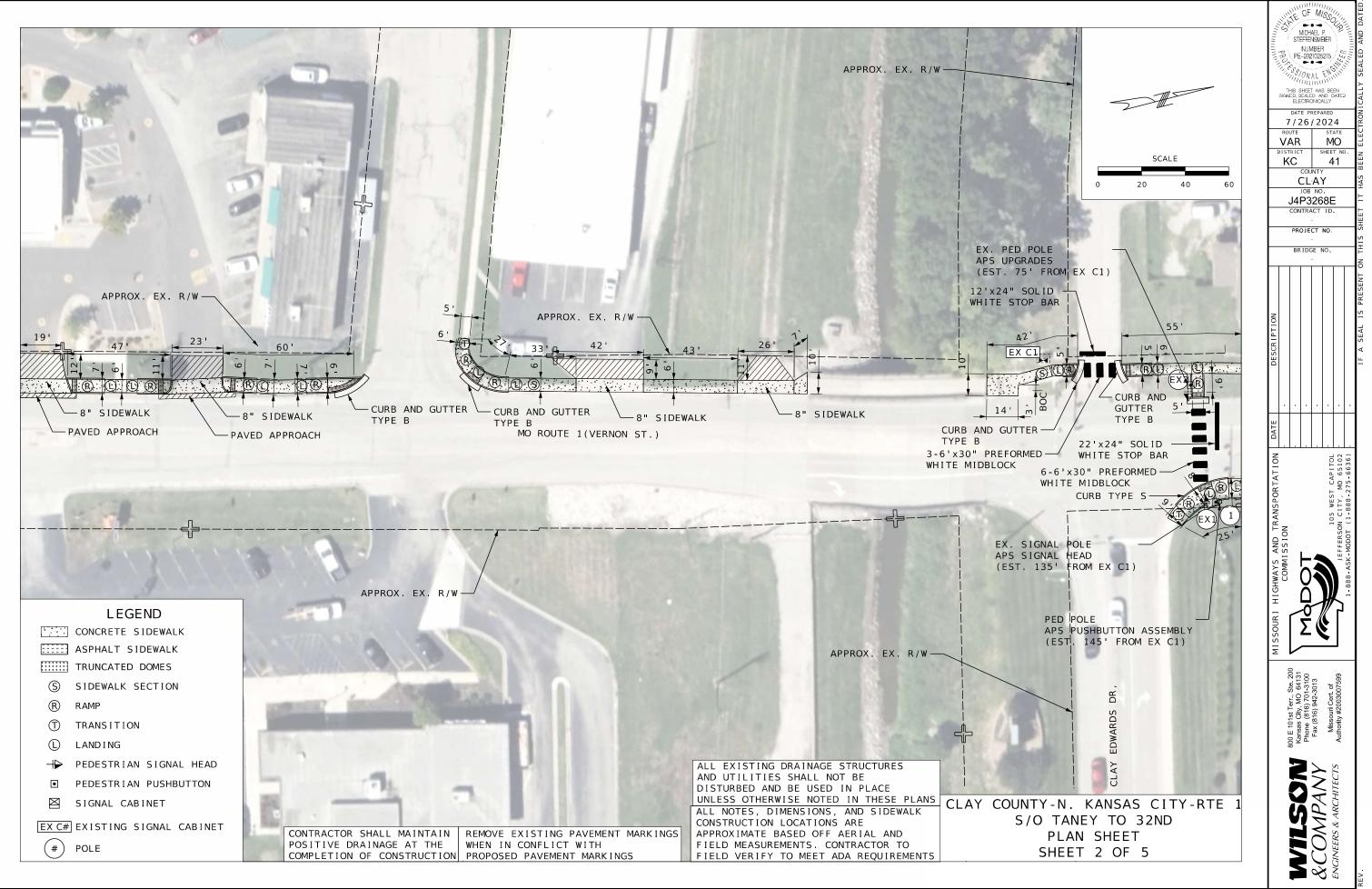




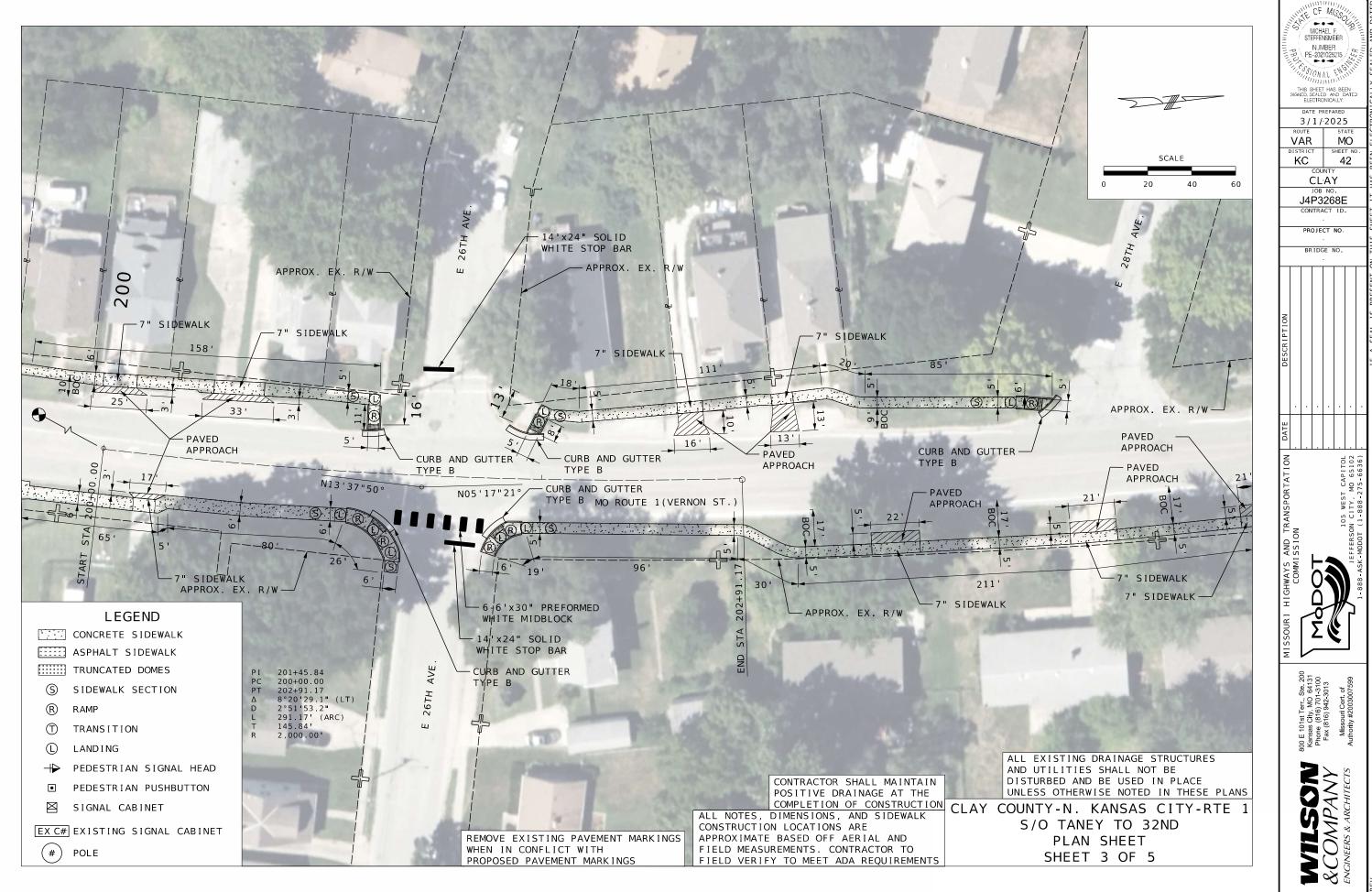


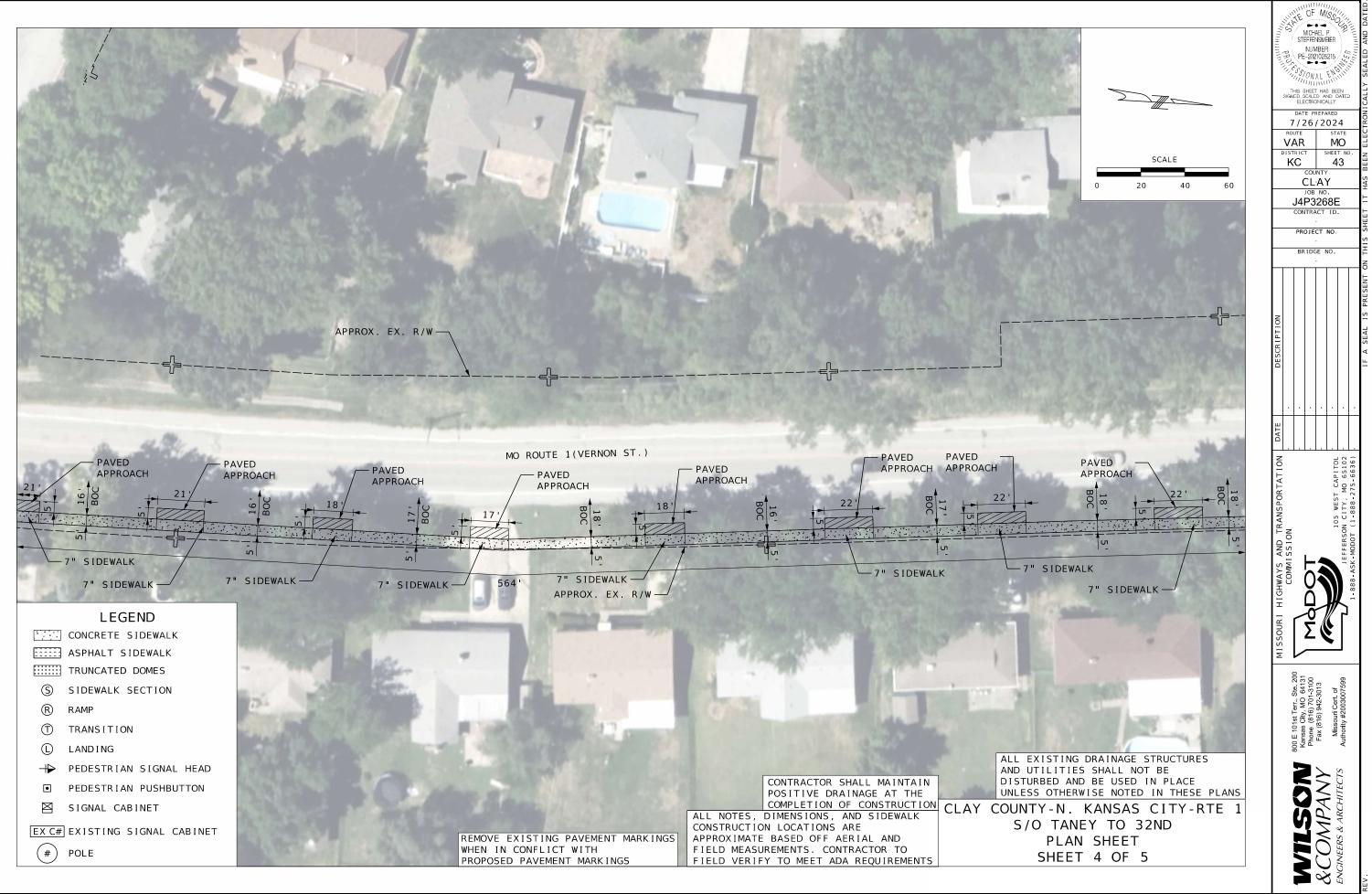


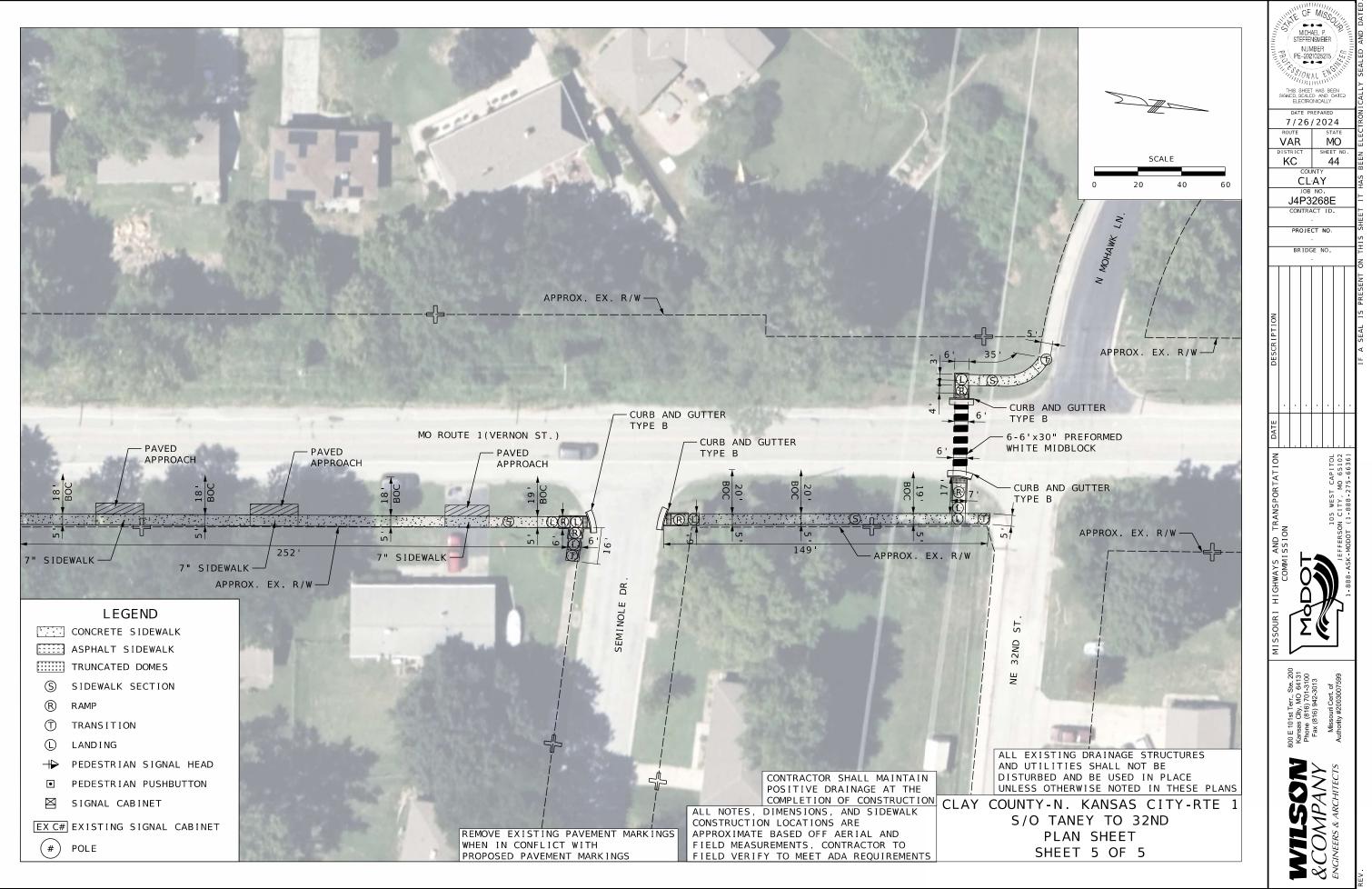
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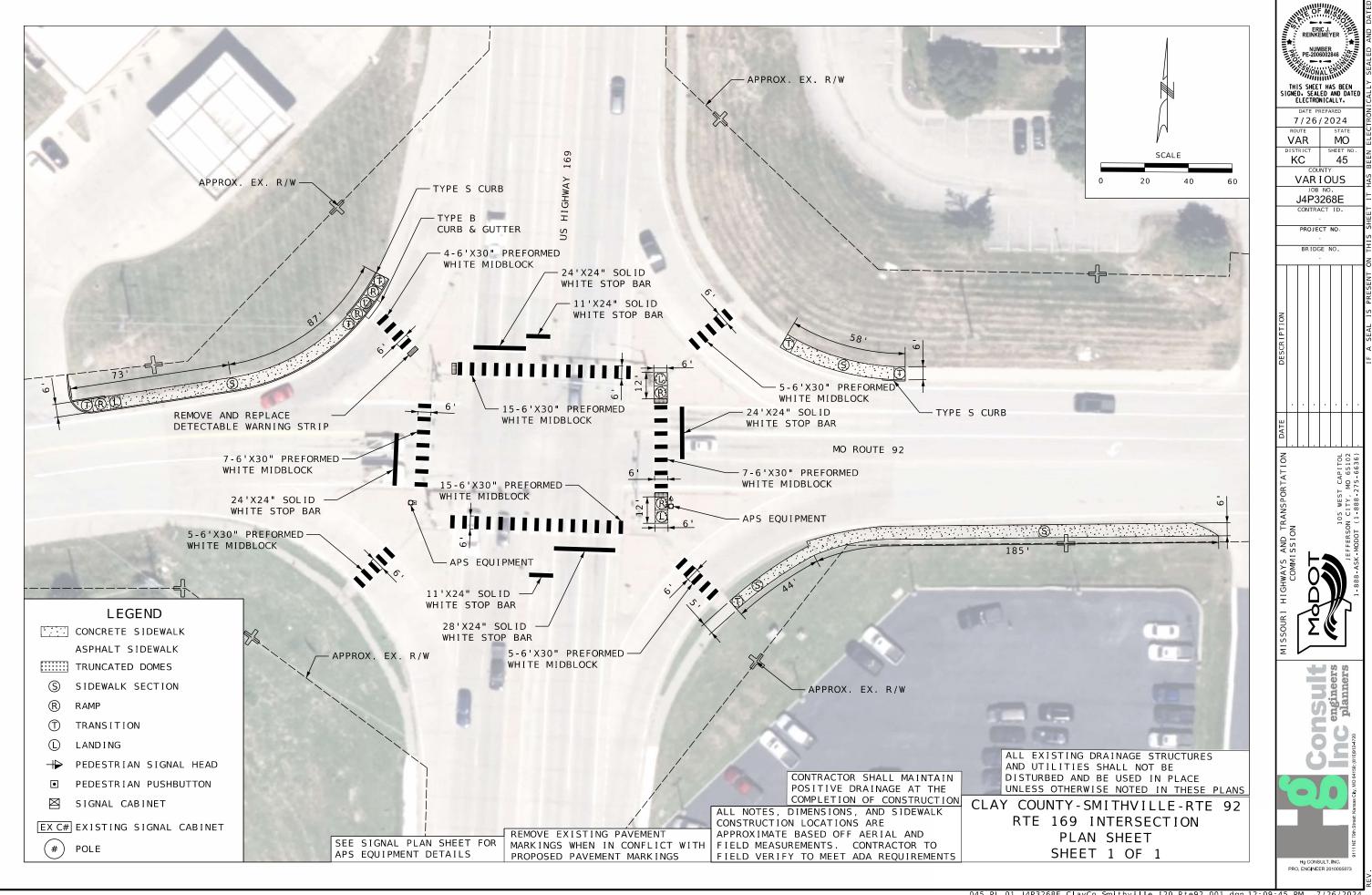
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044_PL_01-05_J4P3268E_ClayCo_N_Kansas-City_I20_Rte1_005.dgn 1:43:04 PM 7/26/2024



045_PL_01_J4P3268E_ClayCo_Smithville_I20_Rte92_001.dgn 12:09:45 PM 7/26/2024

	LOCATION	BA	ASE				
T NUMBER	CORNER	TYPE C	CONCRETE**	TOP MOUNT POST			
POST				4 FT.	8 FT.		
LO	CATION 3. RTE.	152 &	SHOAL CRE	EK PKW	Y		
1	NE	1	0.44		111		
2	NW	1	0.44		1		
	EB RTE. 152 ON	K TRWY /OFF RAI	MP 0.44		1		
4							
1	EAST ISLAND	<u>'</u>	0.44		, i		
LO		BTH ST /OFF RAI		1	· ·		
L 0 &	CATION 7, NW 6 NB RTE, 169 ON	OFF RA	MP	1 1			
LO &	CATION 7, NW 6 NB RTE. 169 ON	OFF RA	MP 0.44		1		
L 0 & 1 2	CATION 7, NW 6 NB RTE. 169 ON NE NE	OFF RAI	MP 0.44 0.44 0.44				
L0 & 1 2 3 L0	CATION 7. NW 6 NB RTE. 169 ON NE NE NW	OFF RAI	MP 0.44 0.44 0.44 ASH AVE 0.44				
L0 & 1 2 3	CATION 7, NW 6 NB RTE. 169 ON NE NE NE NW	OFF RAI	MP 0.44 0.44 0.44 ASH AVE		1		
L0 & 1 2 3 L0 1 2	CATION 7, NW 6: NB RTE. 169 ON NE NE NW CATION 15, RTE SW SW	/OFF RAI	MP 0.44 0.44 0.44 ASH AVE 0.44 0.44		1 1 1		
L0 & 1 2 3 L0 1 2	CATION 7. NW 6: NB RTE. 169 ON. NE NE NW CATION 15. RTE	/OFF RAI	MP 0.44 0.44 0.44 ASH AVE 0.44 0.44	1	1 1 1		
L0 & 1 2 3 L0 1 2	CATION 7, NW 6 NB RTE. 169 ON NE NE NW CATION 15, RTE SW SW	/OFF RAI	MP 0.44 0.44 0.44 ASH AVE 0.44 0.44 NB I-29	1	1 1 1		
LO & 1 2 3 LO 1 2 LO 1 2	CATION 7, NW 6: NB RTE. 169 ON. NE NE NW CATION 15, RTE SW SW CATION 17, RTE SE SW	/OFF RAI	MP	OFF RA	1 1 1 1 MP		
L0 & 1 2 3 L0 1 2 L0 1 2	CATION 7, NW 6/NB RTE. 169 ON. NE NE NE NW CATION 15, RTE SW SW CATION 17, RTE SE SW CATION 18, RTE	OFF RAI	MP	OFF RAI	1 1 1 1 MP 1		
LO & 1 2 3 LO 1 2 LO 1 2	CATION 7, NW 6: NB RTE. 169 ON. NE NE NW CATION 15, RTE SW SW CATION 17, RTE SE SW	/OFF RAI	MP	OFF RA	1 1 1 1 MP 1		

SIGNAL HEADS * * * * * * * * * * * * * * * * * * *						_				
			S	IGNA	L H	EΑ	DS	<u> </u>		
COLOR No. No	— ш	ASE		VISORS *	ш s					
EX1 64.84 2 2 2 2 1 1 EX2 43.63 2 2 2 1 1 EX4 25.83 2 2 2 1 1 EX4 25.83 2 2 2 1 1 LOCATION 3. RTE. 152 & SHOAL CREEK PKWY 1 83 1 1 1 1 1 1 1 EX1 84 1 1 1 1 1 1 EX1 85 1 1 1 1 1 1 EX2 86 1 1 1 1 1 1 1 EX3 63 1 1 1 1 1 1 EX4 64 1 1 1 1 1 1 EX5 43 1 1 1 1 1 1 EX5 43 1 1 1 1 1 1 1 EX6 45 1 1 1 1 1 1 EX7 86 1 1 1 1 1 1 1 EX8 64 1 1 1 1 1 1 1 EX9 86 1 1 1 1 1 1 1 EX9 86 1 1 1 1 1 1 1 EX9 1 2 1 1 1 1 1 1 EX9 1 2 1 1 1 1 1 1 LOCATION 4. BRIGHTON AVE & EB RTE. 152 ON/OFF RAMP EX1 24 1 1 1 1 1 1 1 1 LOCATION 6. N OAK TRWY & BEB RTE. 152 ON/OFF RAMP EX1 28 1 1 1 1 1 1 1 LOCATION 6. N OAK TRWY & BEB RTE. 152 ON/OFF RAMP EX1 29 1 1 1 1 1 1 1 EX2 64 1 1 1 1 1 1 1 EX3 67 1 1 1 1 1 1 1 EX3 67 1 1 1 1 1 1 1 EX3 29.34 2 2 2 2 1 1 LOCATION 7. NW 68TH ST & SB RTE. 169 ON/OFF RAMP EX1 25 1 1 1 1 1 1 1 EX2 28 1 1 1 1 1 1 1 EX2 28 1 1 1 1 1 1 1 EX3 29.34 2 2 2 2 1 1 EX4 24.35 2 2 2 2 2 1 1 EX4 24.35 2 2 2 2 2 1 1 EX4 24.35 2 2 2 2 2 1 1 EX4 68 1 1 1 1 1 1 1 1 EX2 64 1 1 1 1 1 1 1 EX2 64 1 1 1 1 1 1 1 EX3 65 1 1 1 1 1 1 1 EX3 65 1 1 1 1 1 1 1 EX3 65 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 1 EX4 68 1 1 1 1 1 1 1 1 1 1 EX5 65 1 1 1 1 1 1 1 1 1 1 EX5 65 1 1 1 1 1 1 1 1 1 1 EX5 65 1 1 1 1 1 1 1 1 1 1 EX5 65 1 1 1 1 1 1 1 1 1 1 1 EX5 65 1 1 1 1 1 1 1 1 1 1 1 EX5 65 1 1 1 1 1 1 1 1 1 1 1 EX5 65 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ĕ ∄	PH,	# *	PED.	1	I	ΙI	Ш		
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EX3 24.44 2										
EX4 25.83 2										
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1	LOCAT	ION 7	D.	15.				יחר		/ W.V
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EX2 86 1 1 1 1 1 1 1 1 1 EX3 63 1 1 1 1 1 1 1 1 EX4 64 1 1 1 1 1 1 1 1 EX5 43 1 1 1 1 1 1 1 1 1 EX6 45 1 1 1 1 1 1 1 1 1 1 1 EX6 45 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
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EX5										
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2 46 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
LOCATION 4. BRIGHTON AVE & EB RTE. 152 ON/OFF RAMP EX1 24 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			_							
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LOCATION 6. N OAK TRWY & EB RTE. 152 ON/OFF RAMP EX1 28 1				ON/OFF		_				
& EB RTE. 152 ON/OFF RAMP EX1 28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				DAK TO		_ 1_			1	
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LOCATION 6. N OAK TRWY * WB RTE. 152 ON/OFF RAMP EX1 63 1					1	1			1	
& WB RTE. 152 ON/OFF RAMP EX1 63 1	1	29	1		1	1			1	
& WB RTE. 152 ON/OFF RAMP EX1 63 1	LOCAT	ION 6	. N	OVK IE	WY					
EX2 64 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			152			Р				
EX3 67 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		63	<u> </u>			_				
LOCATION 7. NW 68TH ST & SB RTE. 169 ON/OFF RAMP EX1 25 1 1 1 1 1 1 EX2 28 1 1 1 1 1 EX3 29.34 2 2 2 2 1 1 LOCATION 7. NW 68TH ST & NB RTE. 169 ON/OFF RAMP 3 76 1 1 1 1 1 1 EX1 75 1 1 1 1 1 EX1 69 1 1 1 1 1 EX2 64 1 1 1 1 1 EX3 65 1 1 1 1 1 EX4 68 1 1 1 1 1 EX4 68 1 1 1 1 1 LOCATION 9. RTE. 69 & JACKSON AVE EX1 44 1 1 1 1 1 1 EX2 24.45 2 2 2 1 LOCATION 15. RTE. 291 & ASH AVE 1 25 1 1 1 1 1 LOCATION 17. RTE. 210 & NB I-29 OFF RAMP 1 64 1 1 1 1 1 1 LOCATION 17. RTE. 210 & NB I-29 OFF RAMP 1 64 1 1 1 1 1 1 LOCATION 18. RTE. 1 & CLAY EDWARDS DR EX1 E 1 1 1 1 1 LOCATION 18. RTE. 1 & CLAY EDWARDS DR EX1 E 1 1 1 1 1 LOCATION 18. RTE. 1 & CLAY EDWARDS DR EX1 E 1 1 1 1 1 LOCATION 18. RTE. 1 & CLAY EDWARDS DR			_							
& SB RTE. 169 ON/OFF RAMP EX1 25 1 1 1 1 1 1 EX2 28 1 1 1 1 1 EX3 29.34 2 2 2 2 1 EX4 24.35 2 2 2 2 1 LOCATION 7. NW 68TH ST & NB RTE. 169 ON/OFF RAMP 3 76 1 1 1 1 1 1 EX1 75 1 1 1 1 1 EX1 69 1 1 1 1 1 EX2 64 1 1 1 1 1 EX3 65 1 1 1 1 1 EX4 68 1 1 1 1 1 COCATION 9. RTE. 69 & JACKSON AVE EX1 44 1 1 1 1 1 EX2 24.45 2 2 2 1 EX3 25 1 1 1 1 1 1 LOCATION 15. RTE. 291 & ASH AVE 1 25 1 1 1 1 1 1 LOCATION 17. RTE. 210 & NB I-29 OFF RAMP 1 64 1 1 1 1 1 1 LOCATION 17. RTE. 210 & NB I-29 OFF RAMP 1 64 1 1 1 1 1 1 LOCATION 18. RTE. 1 & CLAY EDWARDS DR EX1 E 1 1 1 1 1 LOCATION 18. RTE. 1 & CLAY EDWARDS DR EX1 E 1 1 1 1 1 1 EX2 W 1 1 1 1 1		ION 7		V 68TH						
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EX4 68 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									_	
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EX3 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	EX1	44	1						1	
LOCATION 15, RTE, 291 & ASH AVE 1 25 1									1	1
1 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										
2 83 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			5 · f	RTE. 29			Α١	/E		
LOCATION 17, RTE. 210 & NB I-29 OFF RAMP 1 64 1 1 1 1 1 2 65 1 1 1 1 1 LOCATION 18, RTE. 1 & CLAY EDWARDS DR EX1 E 1 1 1 1 EX2 W 1 1 1 1 1										
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1 64 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LOCAT	ION 1	7. F	RTE. 21	8 0	NB	I -2	29	OFF F	RAMP
LOCATION 18, RTE. 1 & CLAY EDWARDS DR EX1 E 1 1 1 1 1 EX2 W 1 1 1 1 1	1	64	1		1	1			1	
EX1 E 1 1 1 1 1 EX2 W 1 1 1 1 1	2	65	1		1	1			1	
EX1 E 1 1 1 1 1 EX2 W 1 1 1 1 1	LOCAT	ION 1	8. 1	RTF. 1	& CI	ΔΥ	FDV	VΔR	DS DE	2
EX2 W 1 1 1 1 1							-01	·AIN		•
TOTAL 47 47 32 7										
IUIAL 47 47 47 32 7						<u> </u>				
	TO	IAL	47		47	47			32	7

		ESSIBLE				
HASE	ACTUATOR "ARROW" BUTTON	ACTUATOR "DOUBLE ARROW" BUTTON	BUTTON EXTENSION	R10-3E (RIGHT) *****	R10-3E (LEFT) ****	R10-3E (MOD. ****
	. PTF 1 8	MAPLEWOODS	SPKWY			
		MAPLEWOOD	S PKWI	1	1	
43.63	2		_	1	1	
	2		2	1	1	
ON 2	DTC 152	& ELINITIO	CK BD			
			1 1			1
45.46		1				1
				1	1	
				•		
		& CHURCH I	RD			
				1	-	
34.85		1				1
				1	1	
43	1		i	i		
		1	1		1	1
46	1				1	'
24	1				1	
ON 2 0	RTE. 152 RAMP	&				
24	1			1		
25	1				1	
		& SHOAL C	REEK PKWY		_	
	11	1	1		1	1
86	1		·		1	
					1	
43	1		1		1	
44.45		1	1			1
46	1				1	
ON 4	BRIGHTON	AVE				
		RAMP	1		1	
					•	
ON 6	• N OAK TRI 152 ON/OFF	NY Ramp				
28	1			1		
29	1			1		
ON 6	N OAK TRI	NY				
		RAMP				
64	1				1	
67	1			1		
ON 7	NW 68TH 1	I ST				
		RAMP				
				1	1	
29.34	2			1	1	
24.35	2			1	1	
ON 7	NW 68TH :	ST	1			
		RAMP			1	
75	1			1	_ '	
76	1			1		
				1	1	
68	1			i		
ON 9	RTF: 69 :	S JACKSON A	l AVF			
44	1	a UMCKSUN I		1		
24,45				1	1	
				1		
25	1					
25 ON 12	2, RTE, 29	1 & RUTH E	WING RD			
25 ON 12 54.85	2. RTE. 29	1 & RUTH E	WING RD	1 1	1	
25 ON 12	2, RTE. 29 2 2 2	1 & RUTH E	NING RD	1 1 1	1 1 1	
25 ON 12 54.85 43.65	2, RTE, 29 2 2 2	1 & RUTH E	WING RD	1	1	
	ON 1 643.63 24.44 25.83 ON 2 25.86 45.7 24 ON 2 83 25 86.24 4.45 46 24 25.0F 26 27 27 28 29 38 38 38 38 38 38 38 38 38 38 38 38 38	ON 1 RTE. 1 & 64.84 2 2 4 3.63 2 2 4.44 2 2 2 5.83 2 0 7 8 7 8 8 6 4 7 1 2 4 1 1 1 2 5 1 8 6 8 6 1 1 2 5 1 1 8 6 8 6 1 1 1 1 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ON 1	ON 1	SUTTON SUTTON SUTTON Superior Supe	BUTTON

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

***** NO DIRECT PAY REQUIRED FOR R10-3E SIGNS AND MOUNTING HARDWARE.
TO BE INCLUDED AS INCIDENTAL TO THE COST OF ITEM 902-99.02
ACCESSIBLE PEDESTRIAN SIGNAL.

ACCESSIBLE PEDESTRIAN SIGNAL.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

LEGEND

S - SIDE MOUNT

	MIS	C. ACC	ESSIBLE	PEDES1	RIAN	SIGNA	۱L
POST NUMBER	PHASE	ACTUATOR "ARROW" BUTTON	ACTUATOR "DOUBLE ARROW" BUTTON	BUTTON EXTENSION	R10-3E (RIGHT) *****		R10-3E (MOD.) *****
LOCAT		5. RTE. 29	1 & ASH AV	Ę			
EX1	65	1			1		
EX2	43	1				1	
EX3	44	1			1		
EX4	24	1				1	
1	25	1			1		
2	83	1				1	
EX5	84	1				1	
EX6	64	1			1		
LOCAT		7, RTE, 21	0 & NB I-2	9 OFF RAMP			
1	64	1			1		
2	65	1				1	
LOCAT		3. RTE. 1	& CLAY EDW	ARDS DR			
11	E	1				1	
EX2	W	1				1	
T	OTAL	69	6	11	32	37	6

MICHAEL F.
STEFFISHMEER
NJMBER
PE-2021025215

THIS SHEET HAS BEEN

EFFECTIVE: 10/01/2016

BIGNED, SEALED AND DATE ELECTRONICALLY. DATE PREPARED

4/4/2025
ROUTE STATE
VAR MO
DISTRICT SHEET NO
KC 46

CLAY

JOB NO.

J4P3268E

CONTRACT ID.

BRIDGE NO.

DATE DESCRIPTION

.

JURI HIGHWAYS AND TRANSPORTATION
COMMISSION

TODOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

800 E 101st Terr., Ste. 200 Kansas City, MO 64131 Phone (816) 701-3100 Fax (816) 942-3013



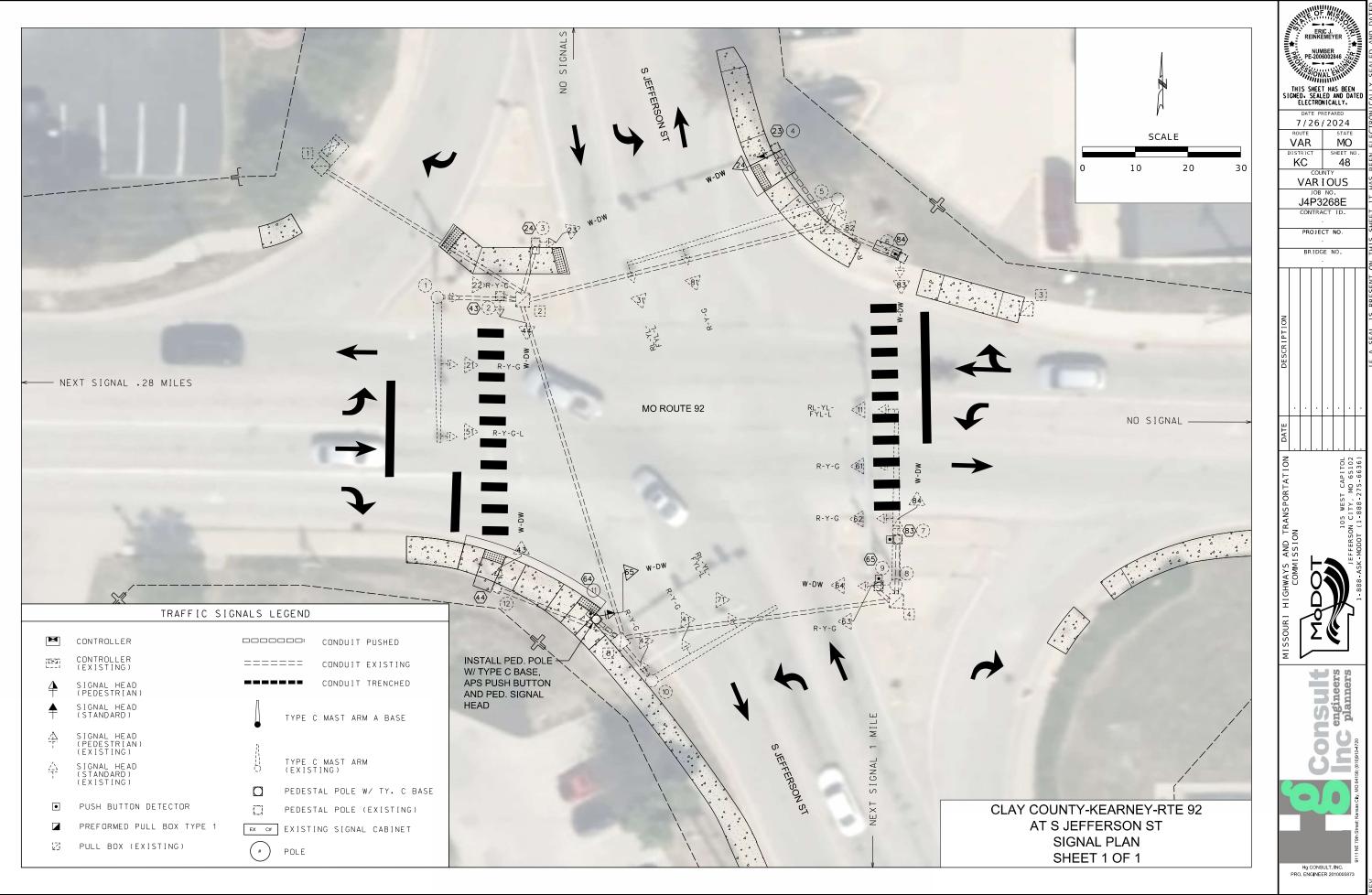
00	NDL	JIT (V	V I T	Н -	#14	Tf	RACER WIRE)				CA	BLE		
ROM	TO	CENTER TO CENTER DISTANCE	3" TRENCH	3" PUSHED	3" MEDIAN	3" ON STRUCTURE	REMARKS	FROM	то	CENTER TO CENTER DISTANCE	2c #16	CONTROL	1c #6	REMARKS
		1. RTE.	8.1		WOOD	S PK	VY			1				
EXC1		45		50				EXC1		150	380	190	110	
EX4	EX3	100		105				EXC1	_	275	716	358	130	
EX4	EX1	105		110				EXC1		145	378	189	105	
EX1	EX2	125		130				EXC1	EX4	45	108	59	50	
			L	L	L									
		2. RTE.	152 8		NTLO	CK RE)	T						
EXC1		95		100				EXC1	_	95	124		100	
EXC1	EX2	300		305				EXC1		300	390		305	
EX2	EX3	90		95				EXC1		390	507		95	
EX3	EX4	10		15				EXC1	LX4	400	517		15	
1.0047	100	ם חדר י	L .		DC:	L								
EXC2		2. RTE.	152 8		RUH	Rυ 		EXC2	E V 1	100	494		05	
EXC2	EX2	15 85		90				EXC2		190	130		95 90	
EX2	EX2	90		95				EXC2	_	15	40		20	
EX2	EX4	125		130				EXC2		140	364		130	
EX4	EX5	105		110				EXC2		245	319		110	
EX5	EX6	80		85				EXC2	_	325	898		85	
_ V D	L 7 0	30		05				LAUZ	L 7 6	323	030		0.5	
LOCAT	I UN	2. RTE.	152 4	L NR	 -35	OFF	RAMP		<u> </u>	1	l			
EXC3		15		20	, ,,	J1 F	nom.	EXC3	FY1	15	20		20	
EX1	EX2	115		120				EXC3		130	169		120	
LA.		113		120				LAGS	LAE	130	103		120	
I NC A T	I∩N	3. RTE.	152 8	L SHO	AI C	REEK	PKWY							
EXC4	1	45		50				EXC4	1	45	59	59	50	
1	EX1	85		90				EXC4	2	170	221	221	130	
EX1	EX2	70		75				EXC4		130	169	169	90	
EX2	EX3	20	25					EXC4	_	200	260	260	75	
1	2	125		130				EXC4	_	220	286	286	25	
2	EX6	60		65				EXC4	EX4	320	416	416	10	
EX6	EX5	85		90				EXC4		315	410	410	90	
EX5	EX4	5		10				EXC4		230	299	299	65	
LOCAT	ION	4. BRIGH	TON A	VE &	EB	RTE.	152 ON/OFF RAMP	1		ı	1			
EXC5				220				EXC5	EX1	215	280	280	220	
LOCAT	ION	6. N OAK	TRWY	. & E	B RT	E. 15	2 ON/OFF RAMP						I.	
EXC6	1	160		165				EXC6	1	160	208	208	165	
1	EX1	50		55				EXC6	EX1	210	273	273	55	
LOCAT	ION	6. N DAK	TRWY	/ & E	B RT	E. 15	2 ON/OFF RAMP							
EXC6	EX3	610		70		545		EXC6	EX1	770	1001	1001	165	
EX3	EX1	160		165				EXC6	EX2	820	1066	1066	55	
EX1	EX2	50		55				EXC6	EX3	610	793	793	615	
		7. NW 68	гн ѕт	- & S	B RT	E. 16	9 ON/OFF RAMP							
LOCAT	ION							=	EV1	7.45	969	0.00		
LOCAT EB	ION EX2	230		235				EXC1	EXI	745	363	969	70	
		230		235 95				EXC1	_	480	624	624	235	
EB	EX2	230 90						_	EX2	480				
EB EX2	EX2 EX3	230 90 110		95				EXC1	EX2 EX3	480	624	624	235	

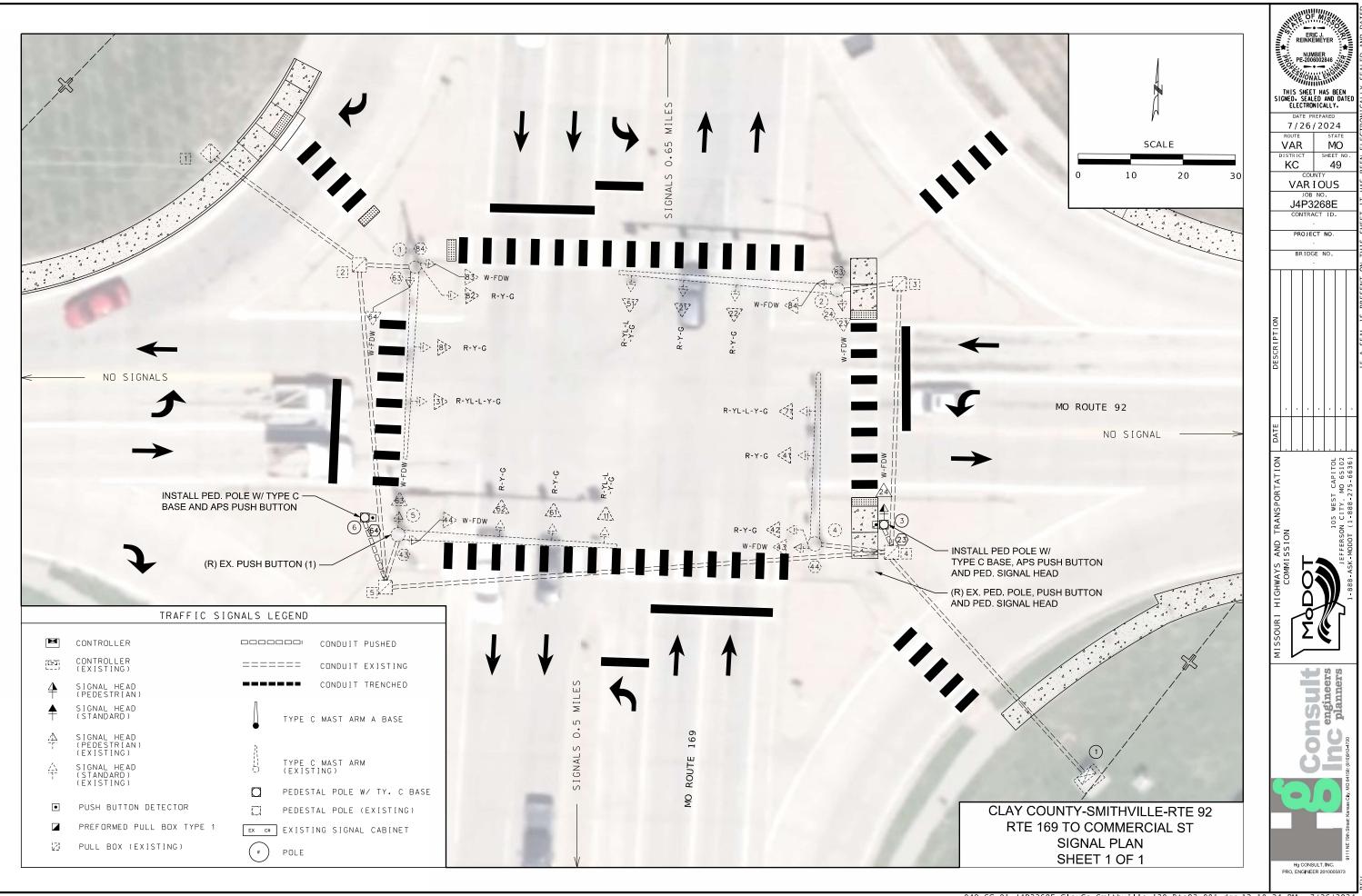
COI	NDL	JIT (V	VΙΤ	Н ÷	#14	Tf	RACER WIRE)				CA	BLE		
FROM	то	CENTER TO CENTER	TRENCH	PUSHED	MEDIAN	3" ON FRUCTURE	REMARKS	FROM	то	CENTER TO CENTER		CONTROL		REMARKS
		DISTANCE	χ.	"	3,	S				DISTANCE	2c #16	5c #16	1c #6	
				8 N	B RT	E. 16	9 ON/OFF RAMP	1						
EXC1	EX1		35					EXC1		50	65		25	
EX1	1	20	25					EXC1		35	46	470	10	
EX1	2	5	10	00				EXC1		135	176	176	110	
EX1	EX4	75 105		110				EXC1		30	195	39	35 20	
3	EX2		20	110				EXC1		150 250	325	195 325	105	
EX2	EX3		20	105				EXC1		105	137	137	80	
L / Z	LAJ	100		103				LACI	L 74	103	131	131	00	
LOCAT	ION	9. RTE. (69 &	.IACK	SON	L ΔVF								
EXC1	EX1		20					EXC1	EX1	15	47	47	20	
EX1	EX2			95				EXC1		105	274	274	110	
EX2	EX3			75				EXC1		175	447	447	180	
LOCAT	ION	12. RTE.	291	& RU	TH E	WING	RD	1						
EXC1	EX1		25		_			EXC1	EX1	20	52		25	
EX1	EX2			90				EXC1	EX2	105	274		90	
EX2	EX3	155		160				EXC1	EX3	260	676		160	
EX1	EX4	150		155				EXC1	EX4	170	442		155	
LOCAT	ION	13. RTE.	291	& BR	OWN	ST								
EXC2	EX1	15	20					EXC2	EX1	15	20		20	
LOCAT	ION	15. RTE.	291	& AS	H AV	E								
EXC3	EX3	20		25				EXC3	1	110	143	143	95	
EXC3	EX4	15		20				EXC3	2	115	150	150	10	
EX3	EX2	110		115				EXC3	EX1	135	176		15	
EX2	EX1	10	15					EXC3	EX2	125	163		115	
EX4	1	90		95				EXC3	EX3	15	20		25	
1	2	5	10					EXC3	EX4	20	26		20	
2	EX5			110				EXC3		220	286		110	
EX5	EX6	10		15				EXC3	EX6	230	299		15	
	_	17. RTE.	210			9 OFF	RAMP	1		1				
EXC1				475				EXC1		470	611	611	475	
EXC1	2	95		100				EXC1	2	565	735	735	100	
1.004.7		17 075	210		NE Y									
		17, RTE.	210		NE Y	5 I		EV00		25	77		30	
EXC2	1	25	7.5	30				EXC2		25	33		30	
	2	30	35					EXC2		30 75	39	00	35	
EXC2 2	EX2		20	50				EXC2		75 15	98	98	50 20	
	_ C X I	45		30				EXC2	C 7.2	כו		20	20	
LOCAT	ION	18. RTE.	1 &	CLAY	EDW	ARDS	DR	1						
EXC1	EX2			80				EXC1	1	145	189		15	
EX2	EX1			65				EXC1		135		176	65	
EX1	1	10	15	T				EXC1		75	98	98	80	
	т	OTALS		5385		545				TALS	22380	13426	6325	
	ı	UIALS	213	2363		נויכ			101	AL J	22300	13420	0323	

DATE PREPARED
7 / 26 / 2024
ROUTE STATE
VAR MO
ISTRICT SHEET NO.
KC 47
COUNTY CUNTY
CL·AY

JOB NO.
J4P3268E

CONTRACT ID. PROJECT NO.





049_SG_01_J4P3268E_ClayCo_Smithville_I20_Rte92_001.dgn 12:10:24 PM 7/26/2024

	LOCATION	B/	ASE			
ST NUMBER	CORNER	TYPE C	CONCRETE**	T(MOL PO	JNT	
POST		<u></u>	CONCI	4 FT.	8 FT.	
In	CATION 10, RTE	. 92 &	JEFFERSON	LST.		
4	NE NE	1	0.44		1	
11	SW	1	0.44		1	
	<u></u>					
LO	CATION 19. RTE	. 92 &	RTE. 169			
3	SE ISLAND	1	0.44		1	
6	SW ISLAND	1	0.44	1		
		TOTAL	1.76	1	3	

	SIGNAL HEADS										
POST NUMBER SIGNAL HEAD NO.		INDICATOR *	VISORS *	BACKPLATE ** LENSES	BRACKE TYPI			1 – S	11- S		
	T	₩\$	PED.	1	Ī	ΙI	Ш				
LOCAT	ION :	10.	RTE. 9	2 & .	JEF	FER	SON	ı st.			
4	24	1	1	1	1			1			
11	65	1	1	1	1			1			
LOCAT	I ON	19.	RTE. 9	2 & 1	RTE	. 1	69				
3	24	1	1	1	1			1			
TO	ΓΑL	3	3	3	3			3			

ACCESSIBLE PEDESTRIAN SIGNAL ASS	EMBLY
ACTUATOR ACTUATOR BUTTON R10-3E R10- "ARROW" "DOUBLE ARROW" BUTTON BUTTO	T) (MOD.)
LOCATION 10, RTE, 92 & JEFFERSON ST.	
4 23 1 1 1	
11 64 1 1	
-	
LOCATION 19, RTE, 92 & RTE, 169	
- 3 23 1 1 1 1	
- 6 64 1 1 1	
TOTAL 4 1 3	

REMARKS

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*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

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TO BE INCLUDED AS INCIDENTAL TO THE COST OF ITEM 902-99.02
ACCESSIBLE PEDESTRIAN SIGNAL.

ACCESSIBLE PEDESTRIAN SIGNAL.

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LEGEND

S - SIDE MOUNT

RENCJ REINKEMEYER PE-2006002846

THIS SHEET HAS BEEN SIGNED. SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 4/4/2025

ROUTE STATE VAR MO
DISTRICT SHEET NO.
KC 50

COUNTY
CLAY
JOB NO.
J4P3268E
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

EFFECTIVE: 10/01/2016

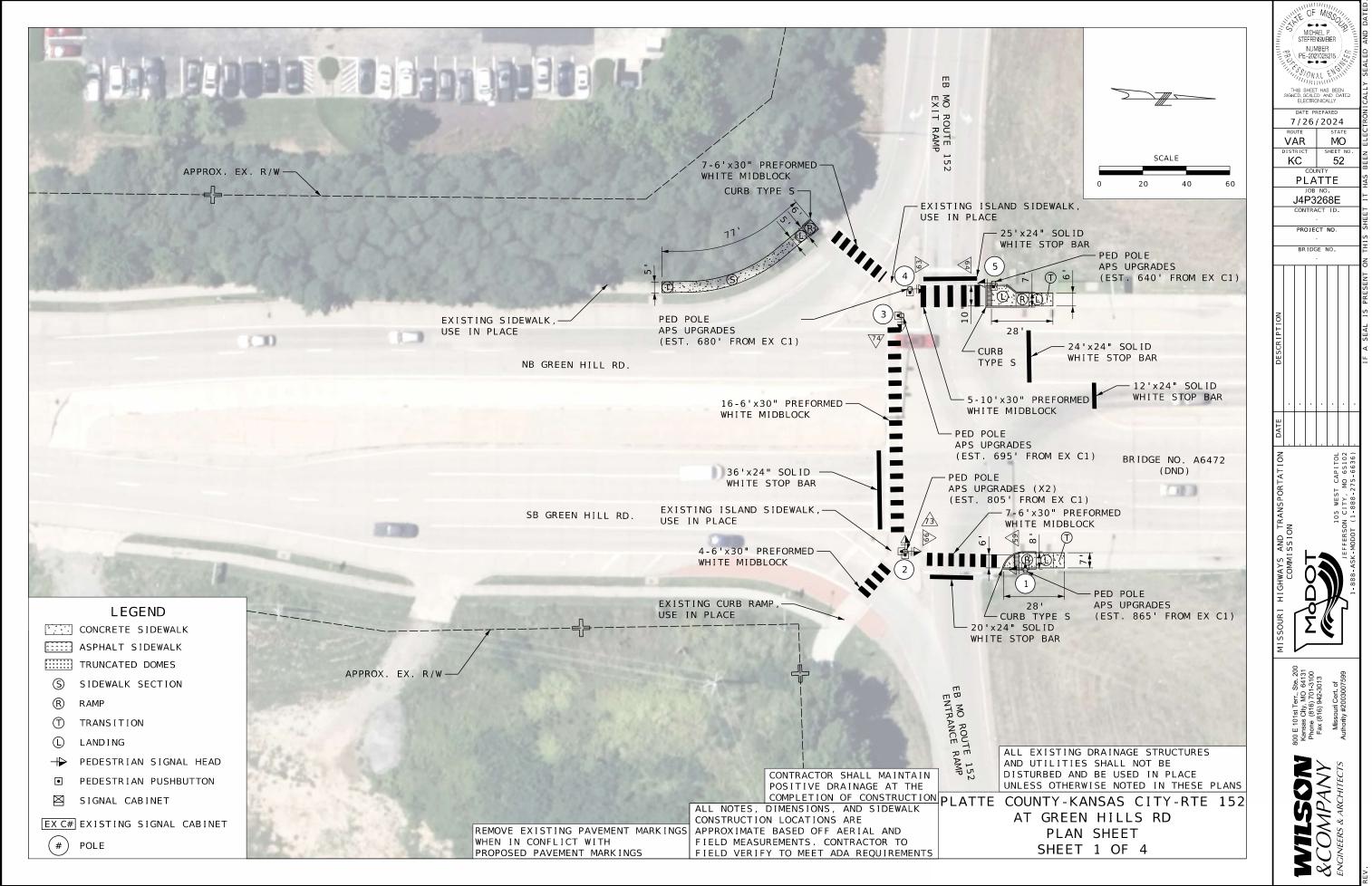
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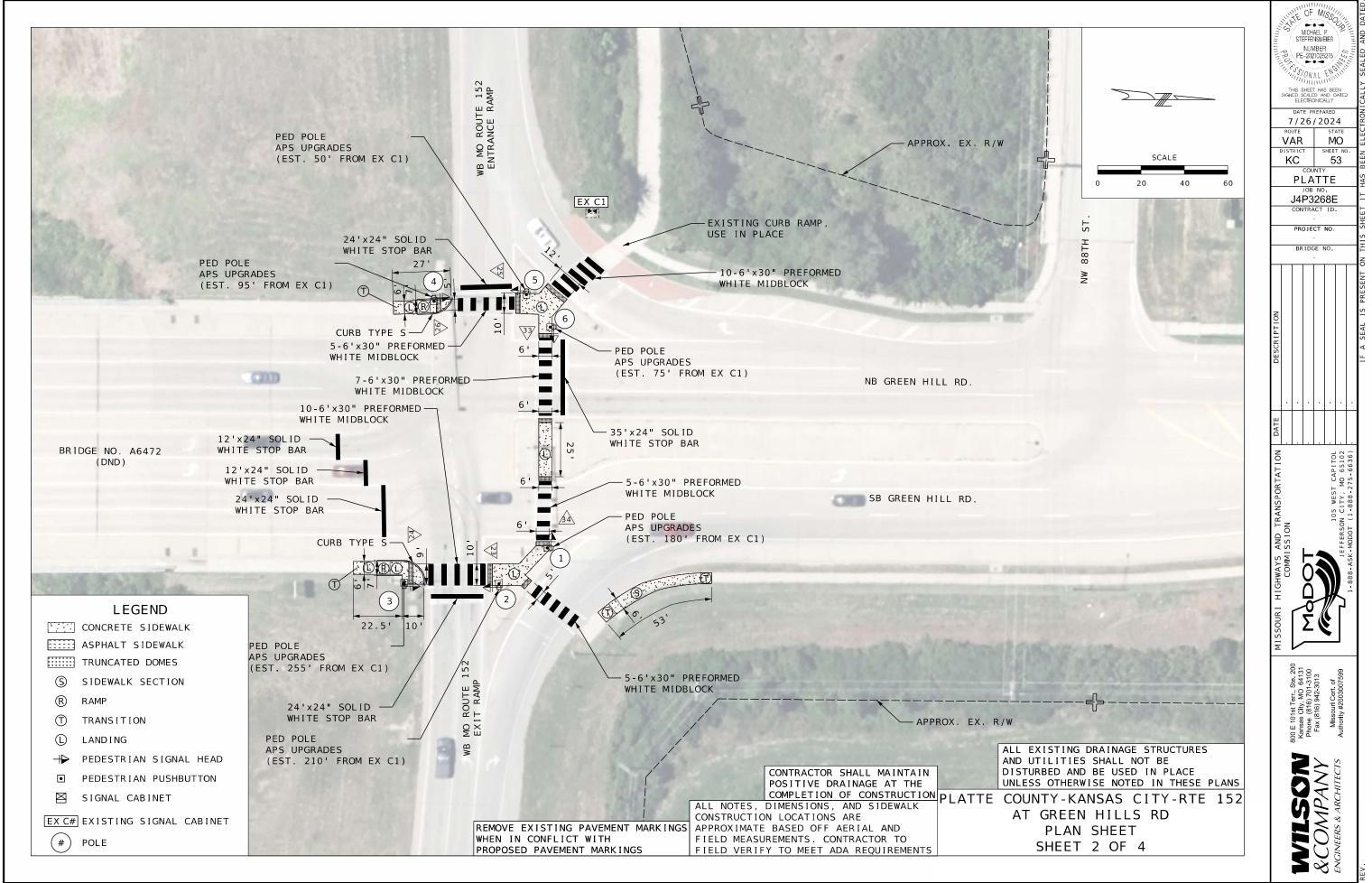
)15		ROIST VA	PE SAN DATE OF THE PRICE OF THE	NUMNIA NU	T HA ED NICA REPA / 2	SHEE 5	4 ATE 10 T NO 15 1	
			BR	. I DC	E 1	١Ο.		_
	ATE DESCRIPTION							
	DA							L
	MISSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION		MODOT MODOT		105 WEST CAPITOL	JEFFERSON CITY, MO 65102	TOTAL LITT COOK TO HOUSE MOT COOK T
			(saeugineers	I planners	0 64158 (816)912 4720

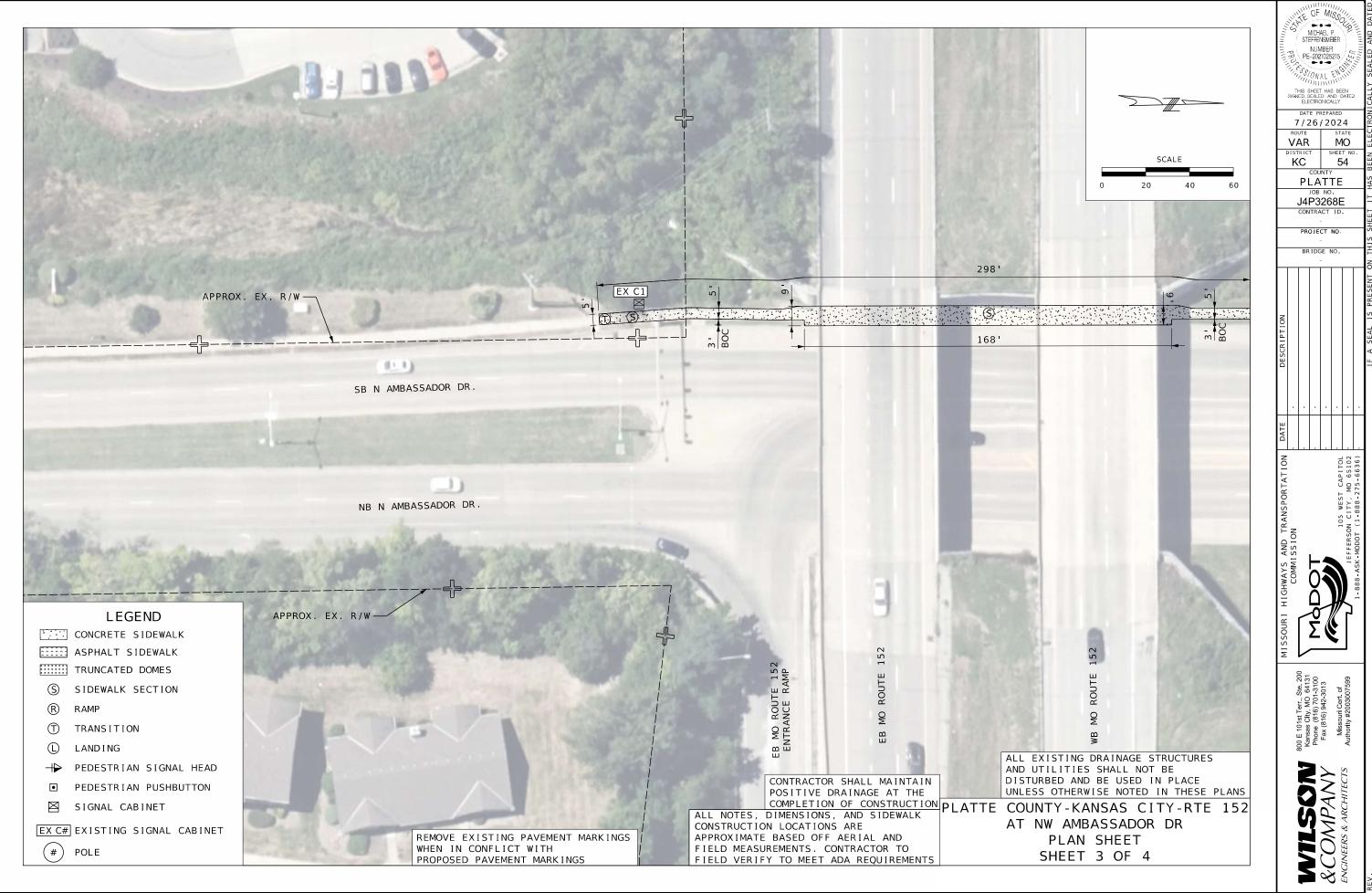
CONDUIT (WITH #14 TRACER WIRE) CABLE TRENCH PUSHED MEDIAN CONTROL CENTER TO SENTER DISTANCE CENTER TO CENTER DISTANCE 2c #16 5c #16 FROM TO REMARKS FROM TO REMARKS 1c #6 LOCATION 11. RTE. 92 & JEFFERSON ST. PB3 4 EXC1 PB23 237 68 69 PB5 11 EXC1 PH24 8 237 267 EXC1 PB64 313 354 EXC1 PH65 313 355 LOCATION 19, RTE. 92 & RTE. 169 PB4 3 7 8 EXC1 PB23 75 98 17 PB5 6 EXC1 PH24 75 18 99 EXC1 PB64 202 225 TOTALS 104 TOTALS 943 721

Hg CONSULT, INC. PRO, ENGINEER 2010005873

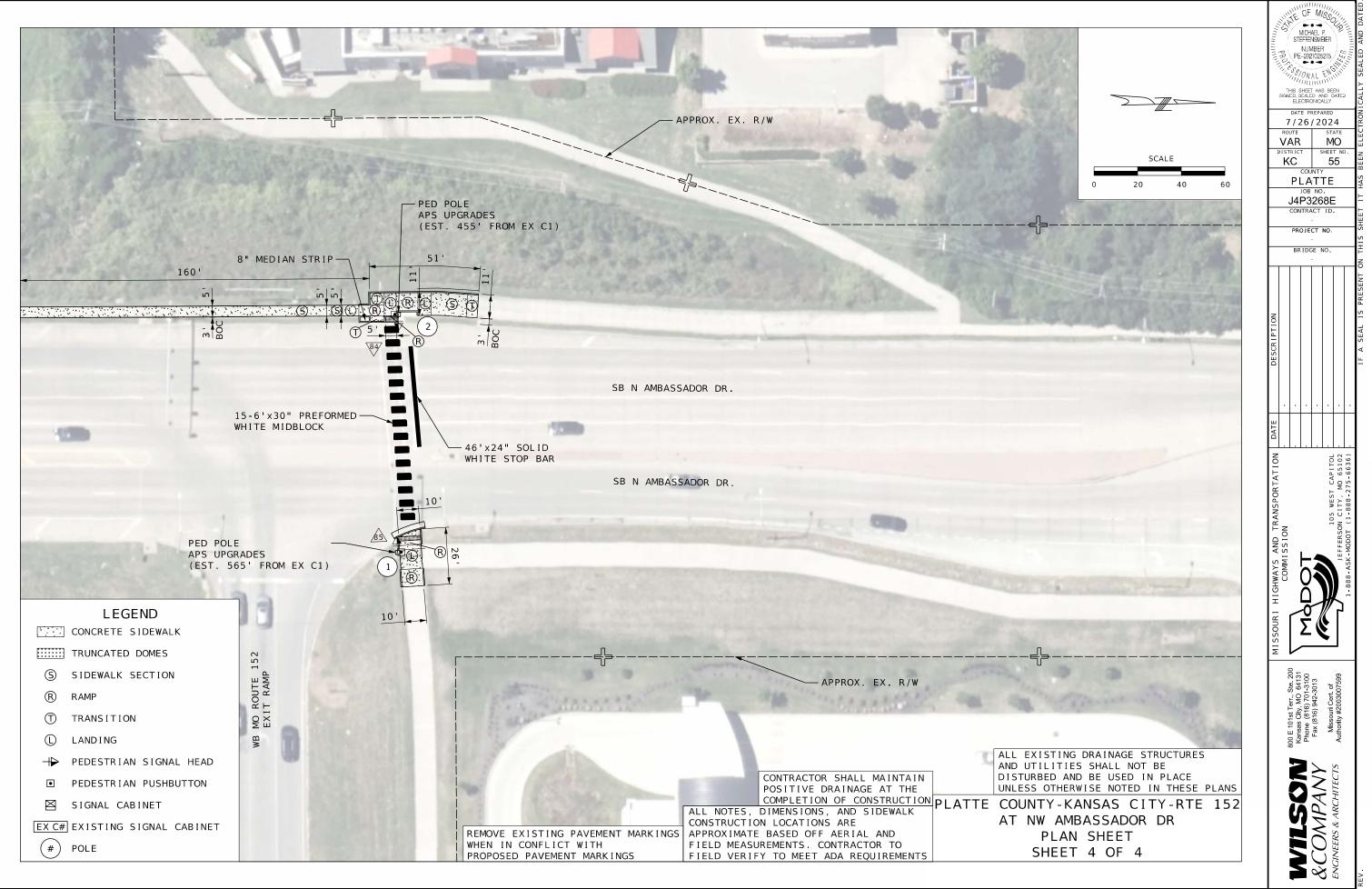


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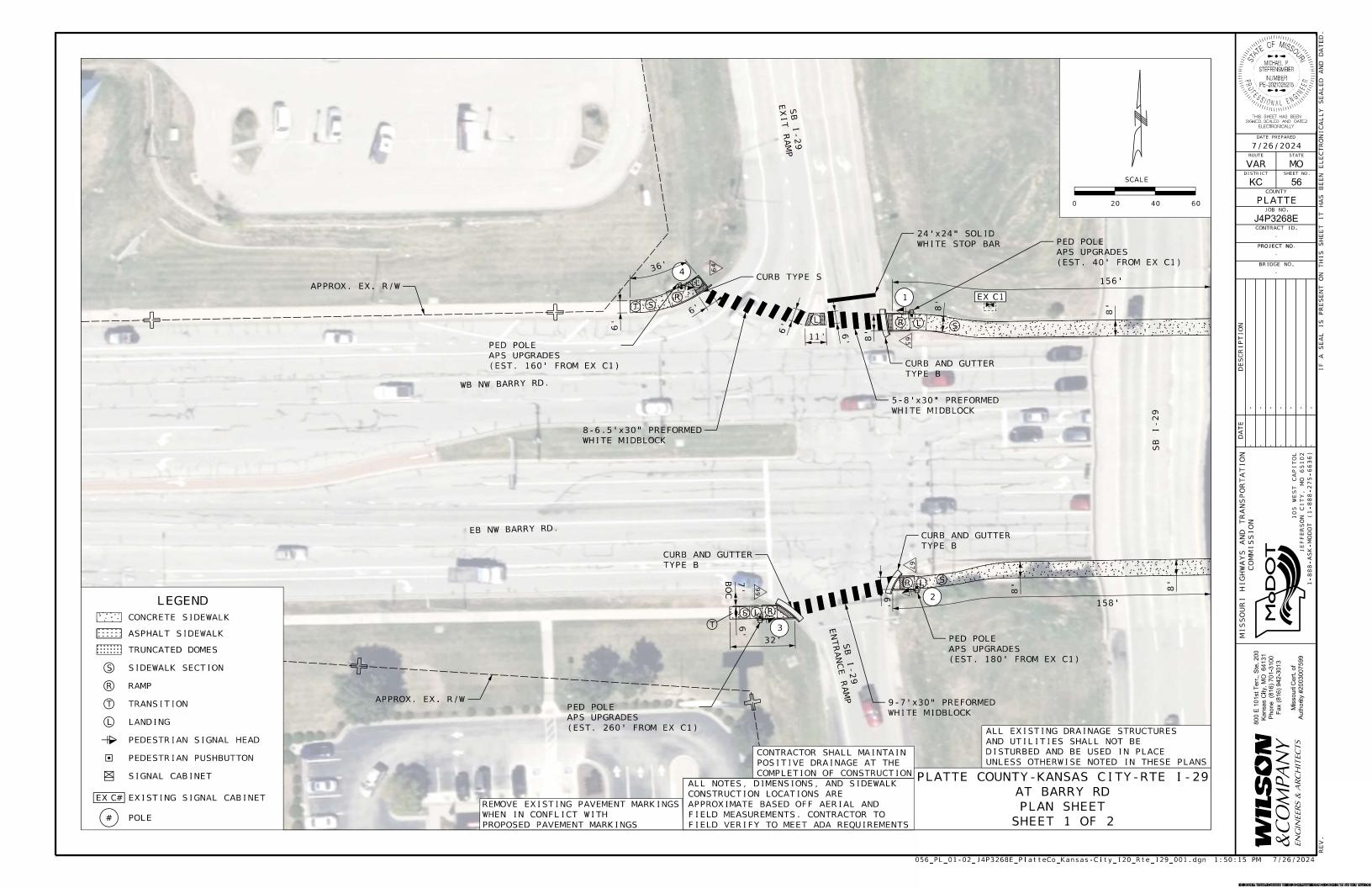


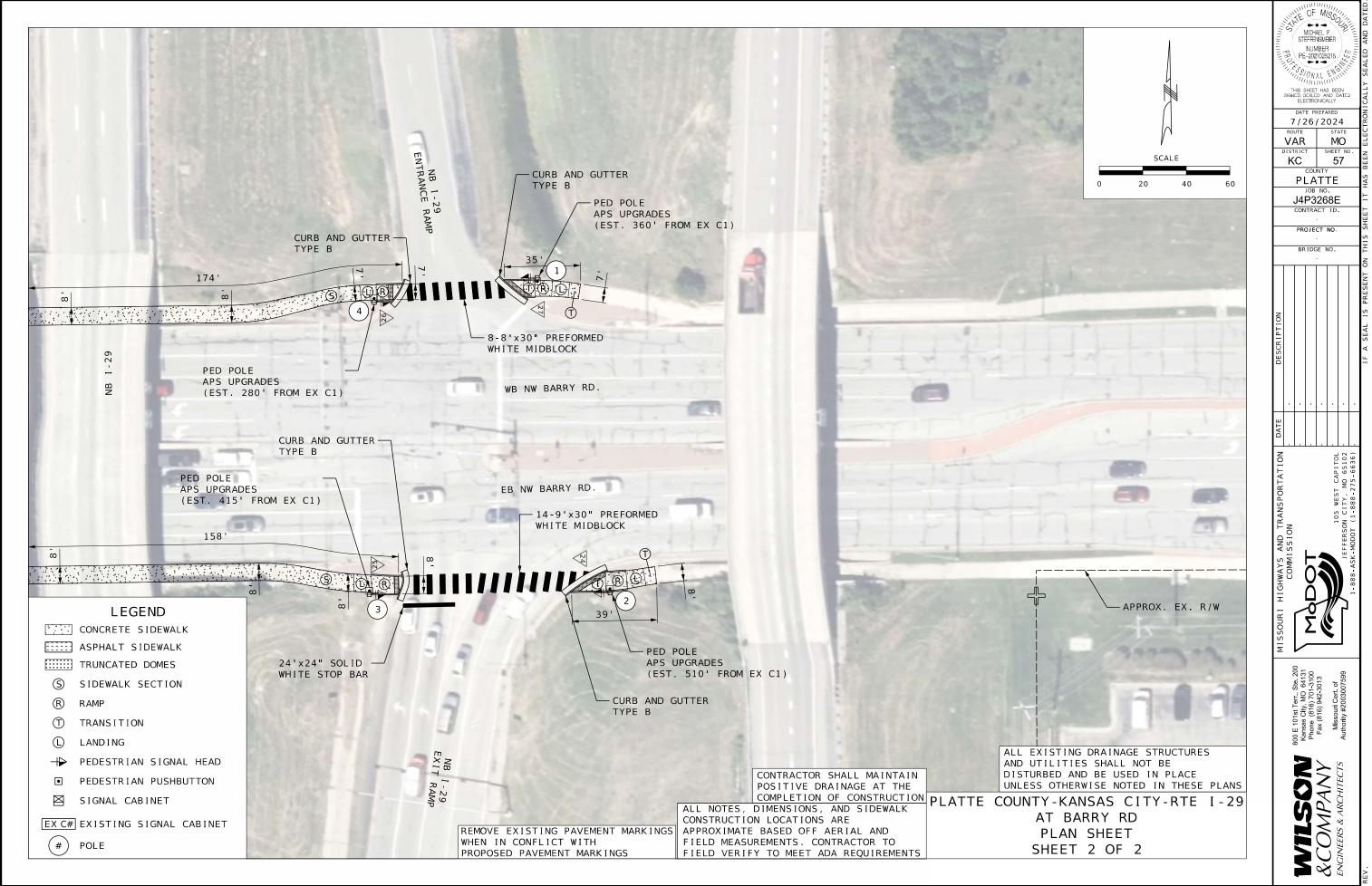


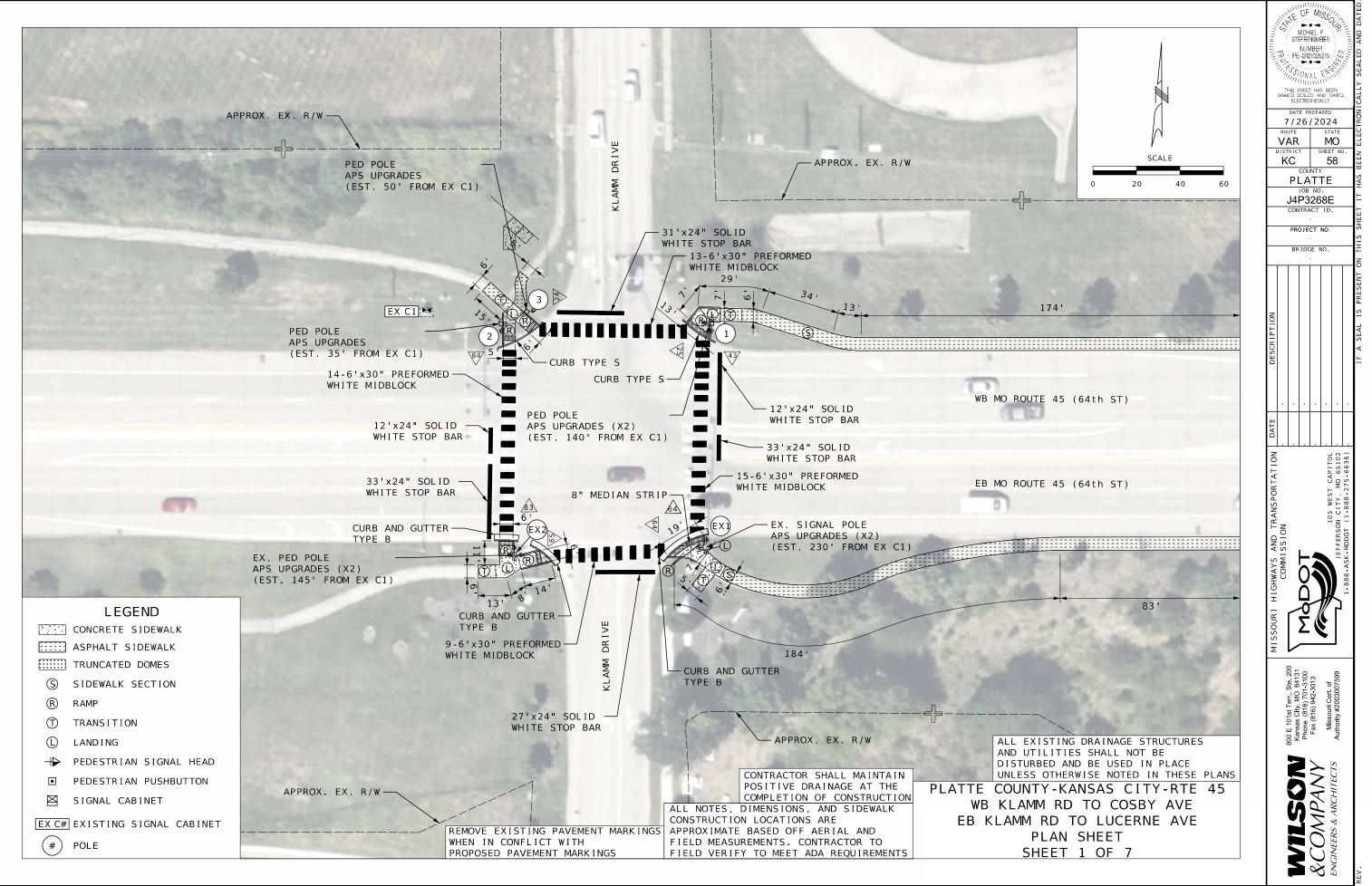
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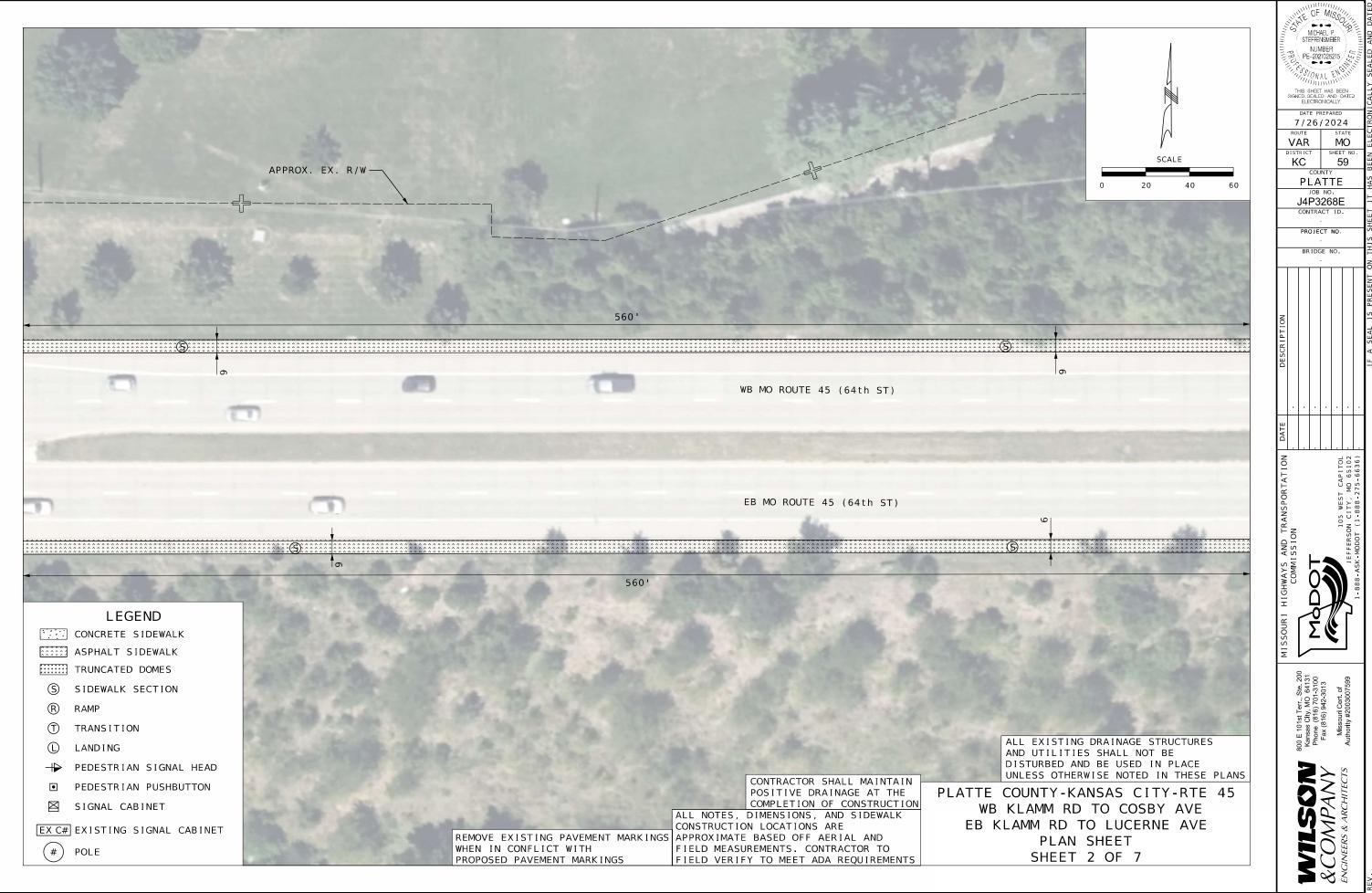


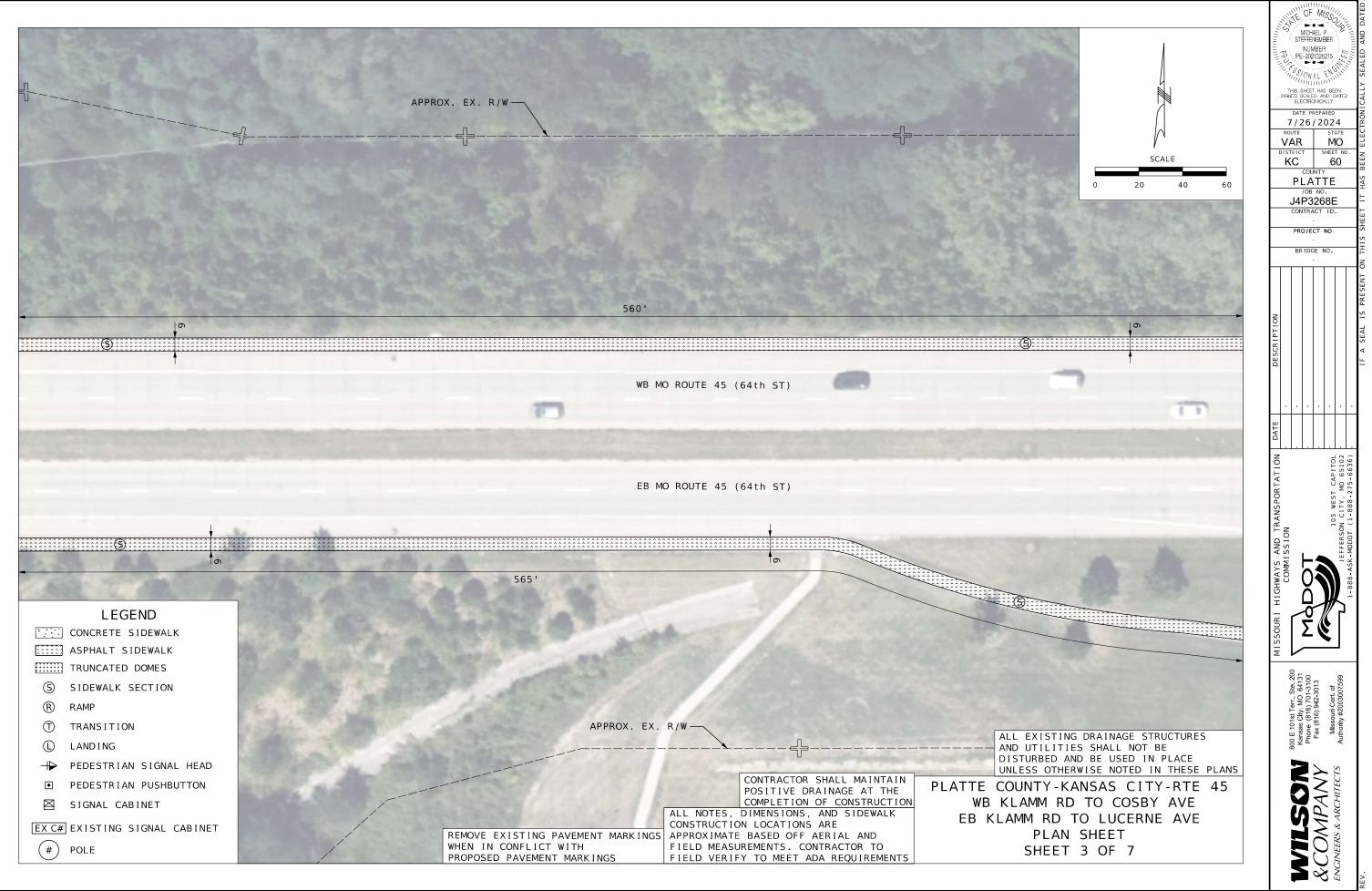
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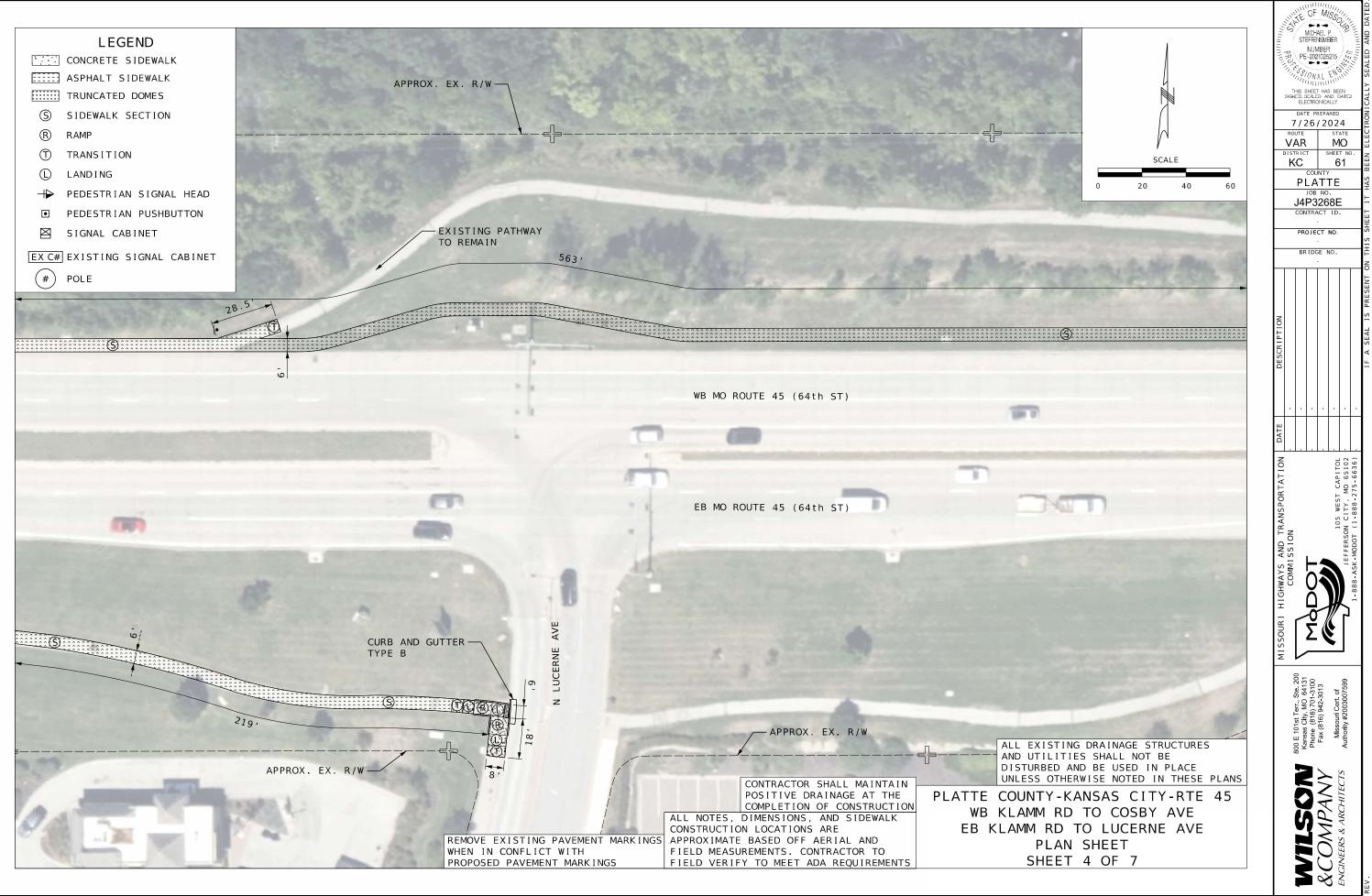


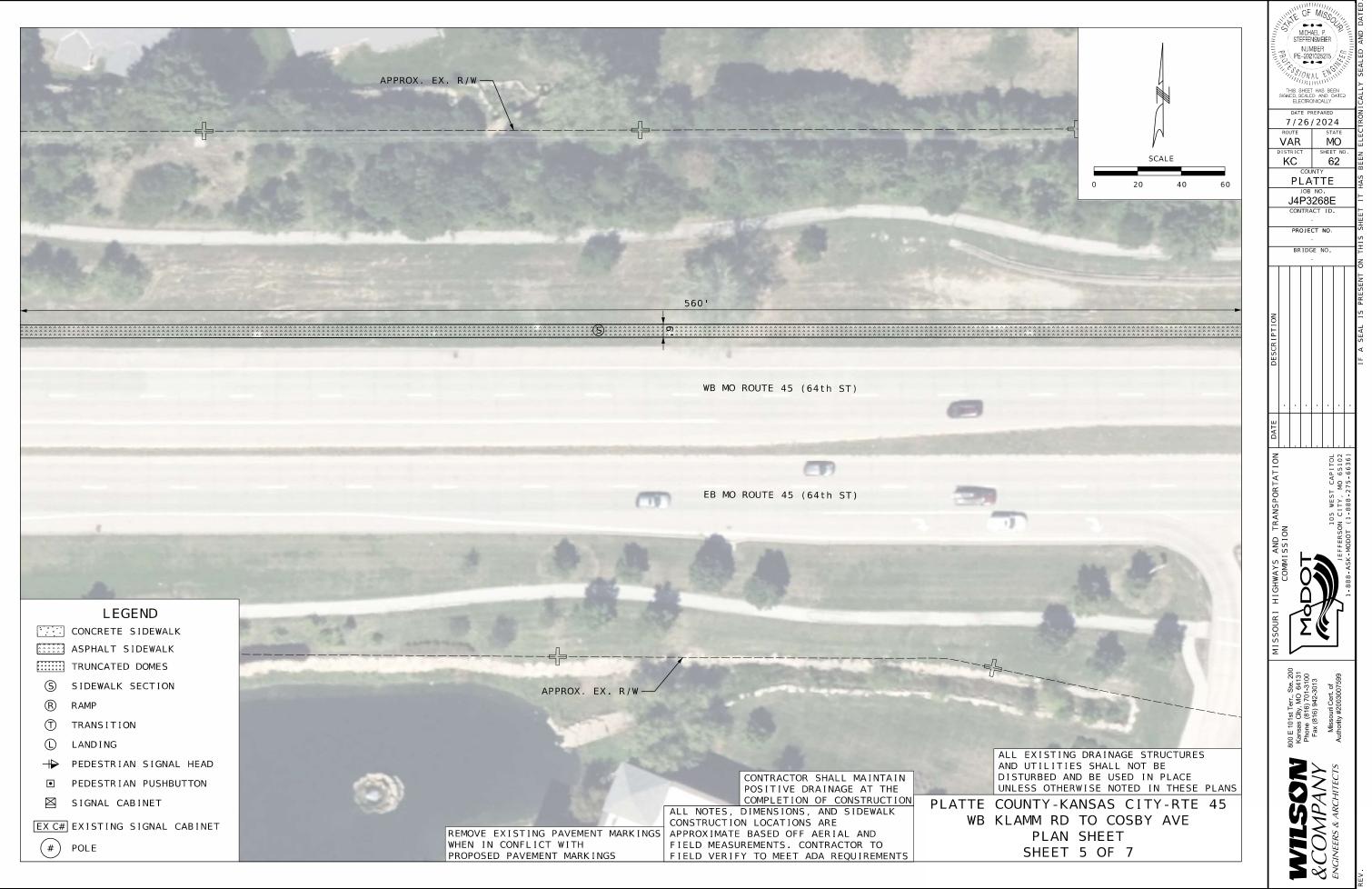




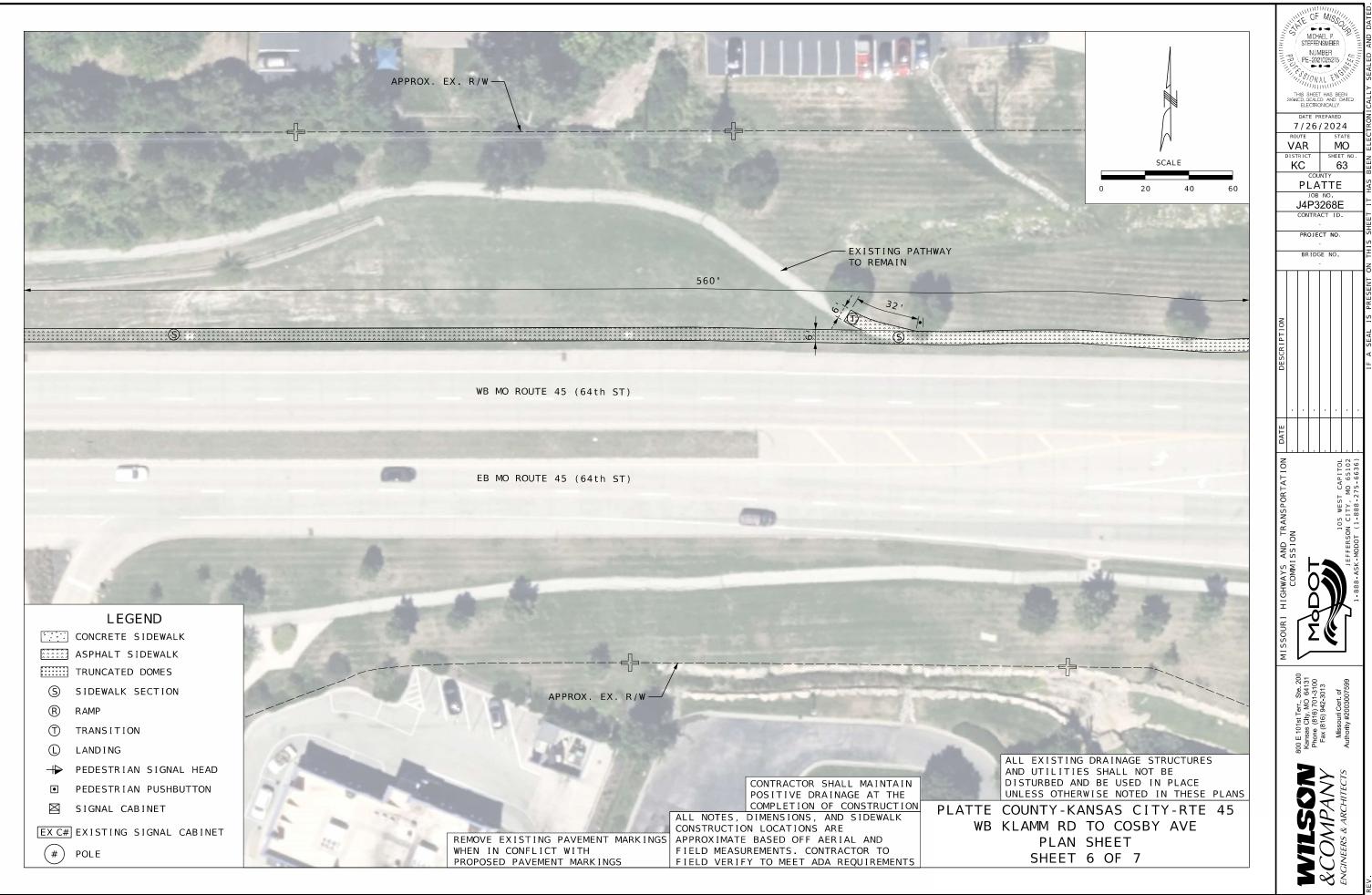


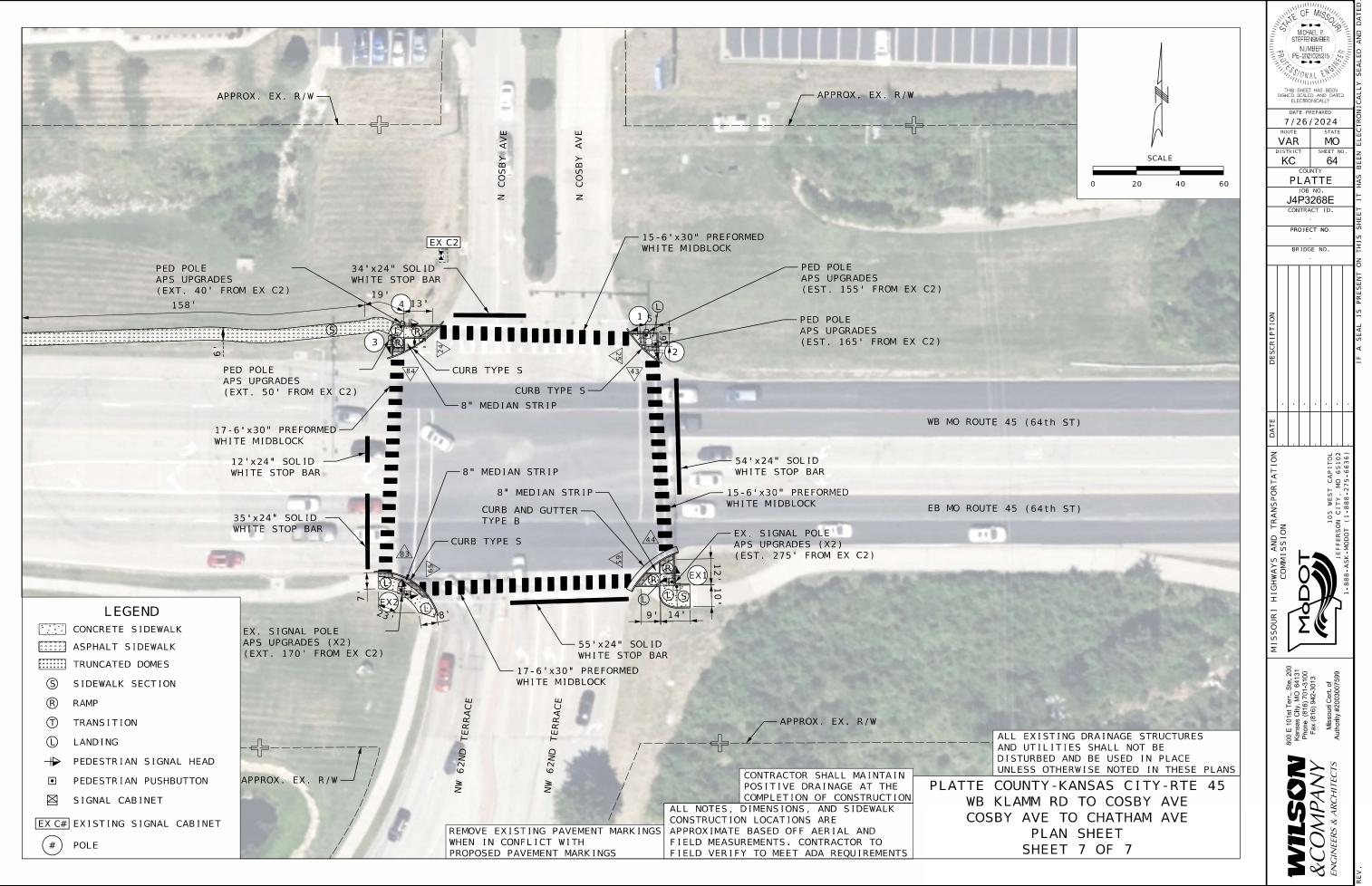


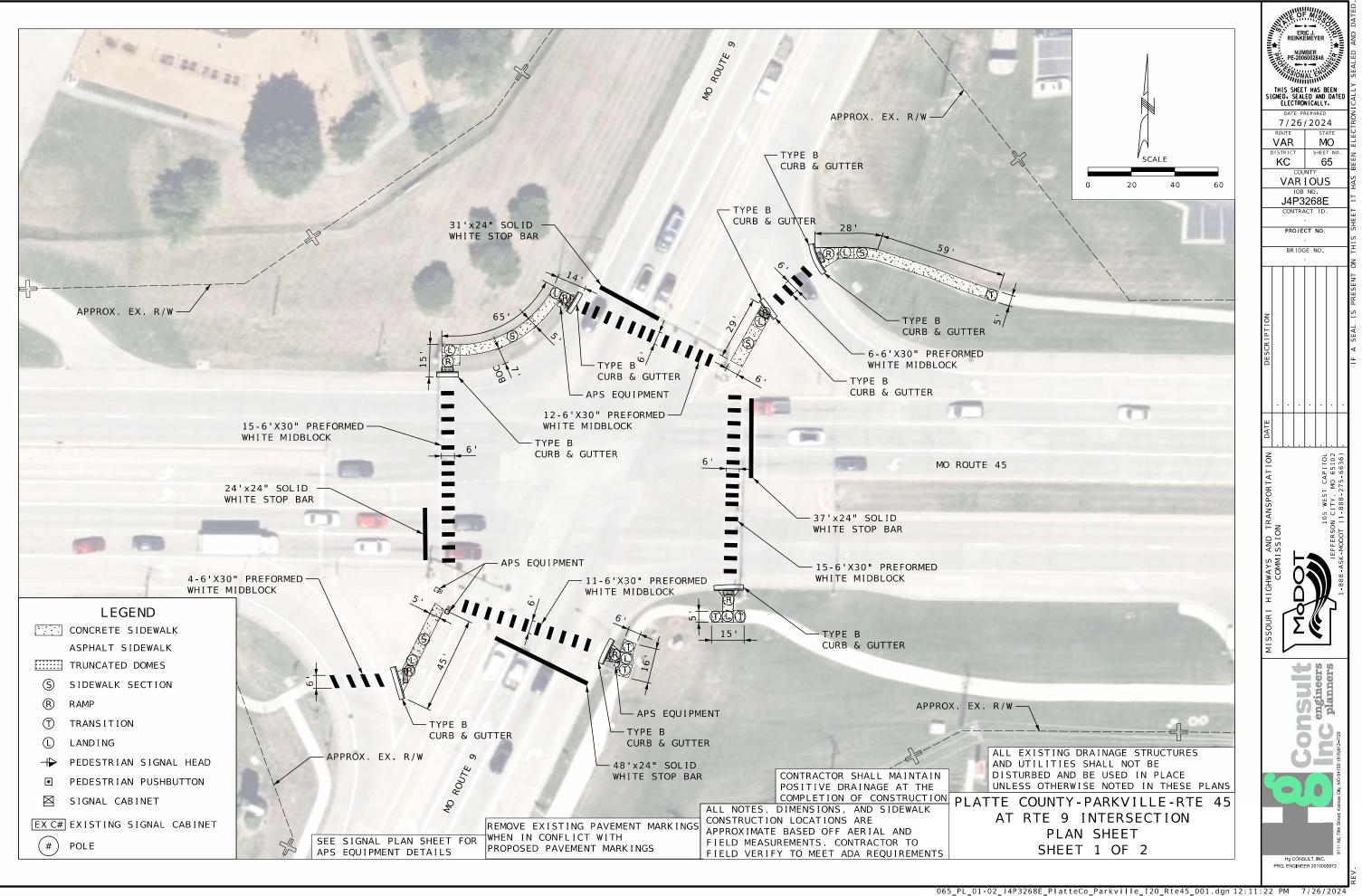


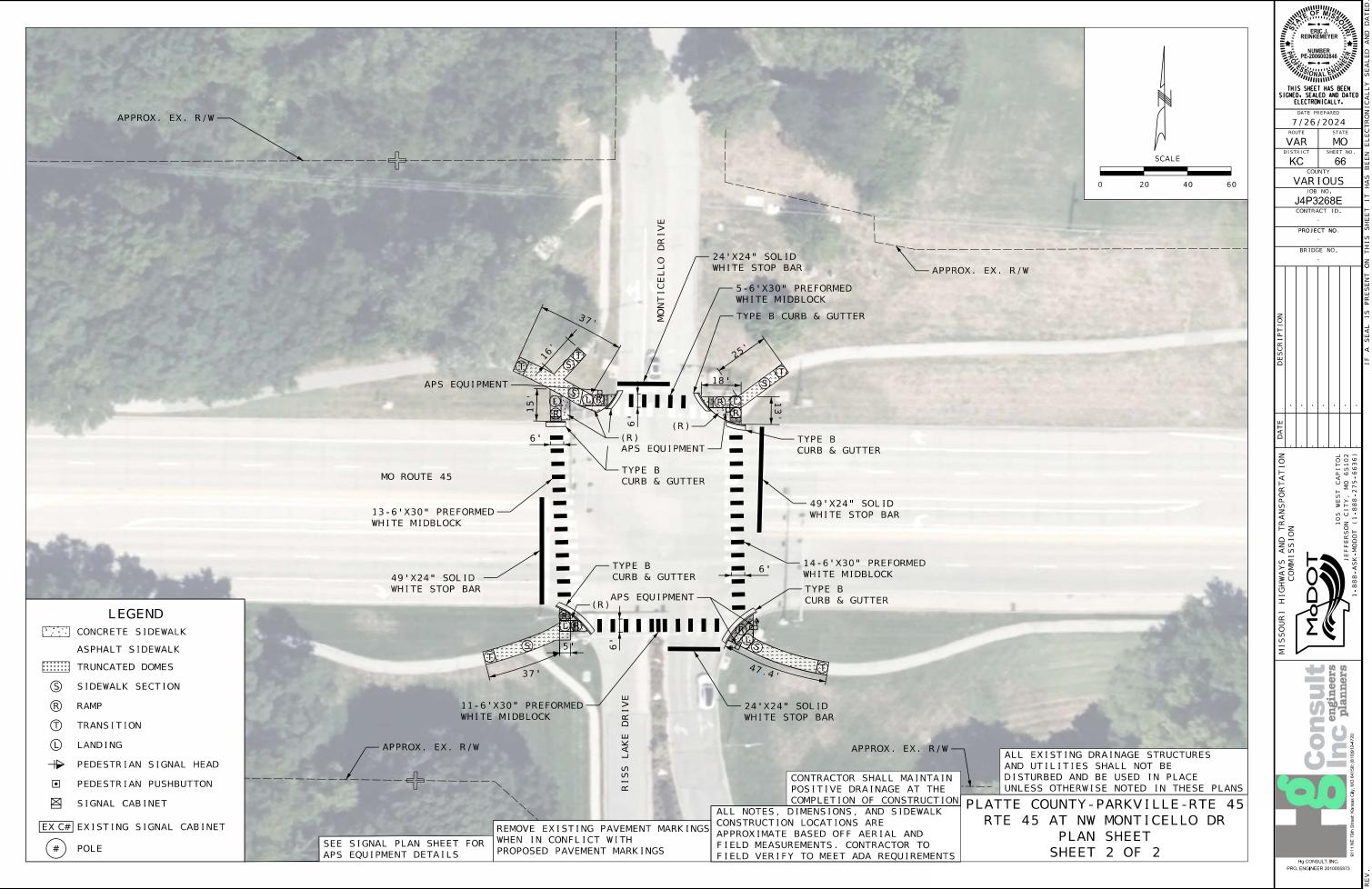


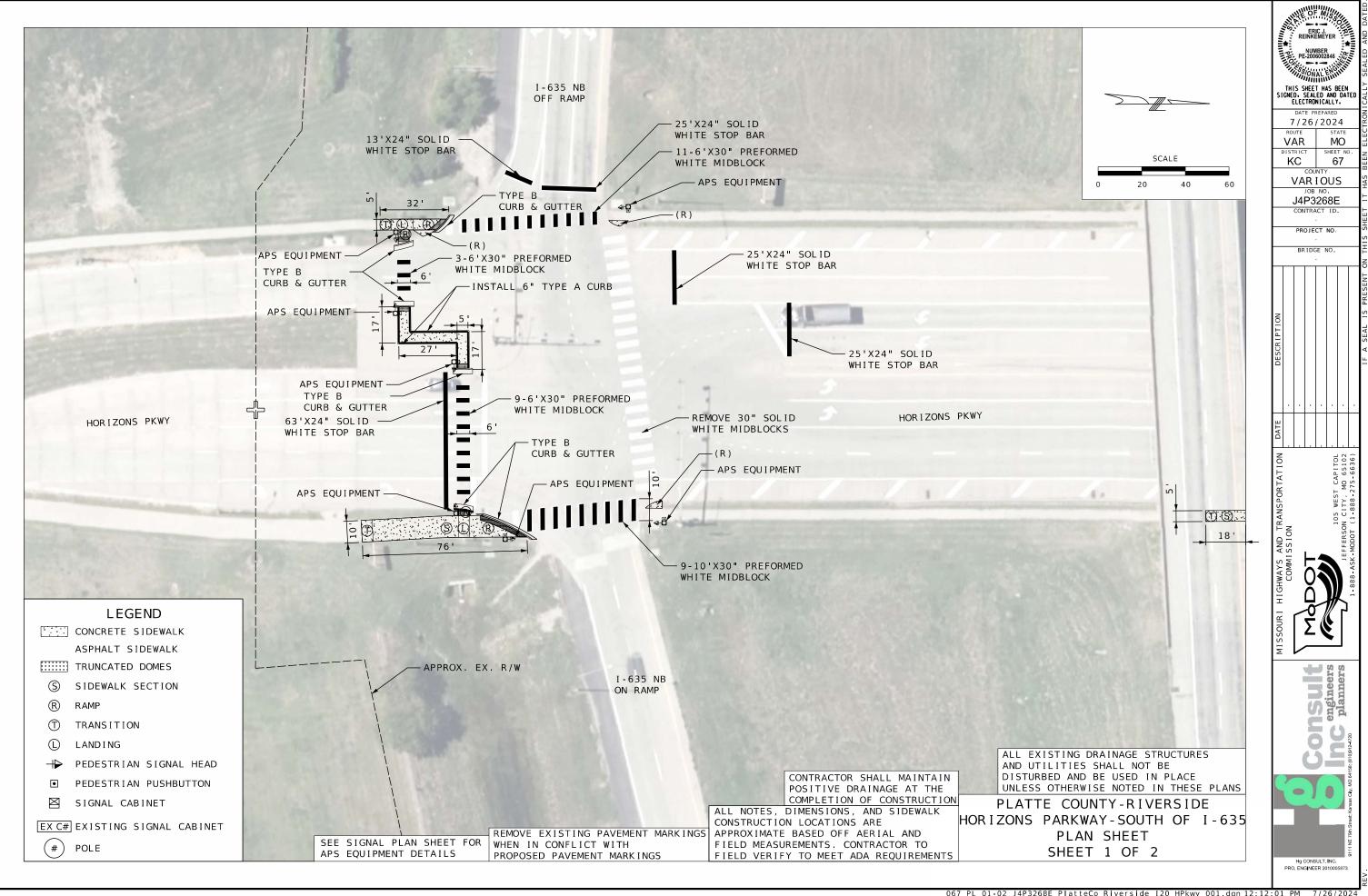
062_PL_01-07_J4P3268E_PlatteCo_Kansas-City_I20_Rte_45_005.dgn 1:52:19 PM 7/26/2024



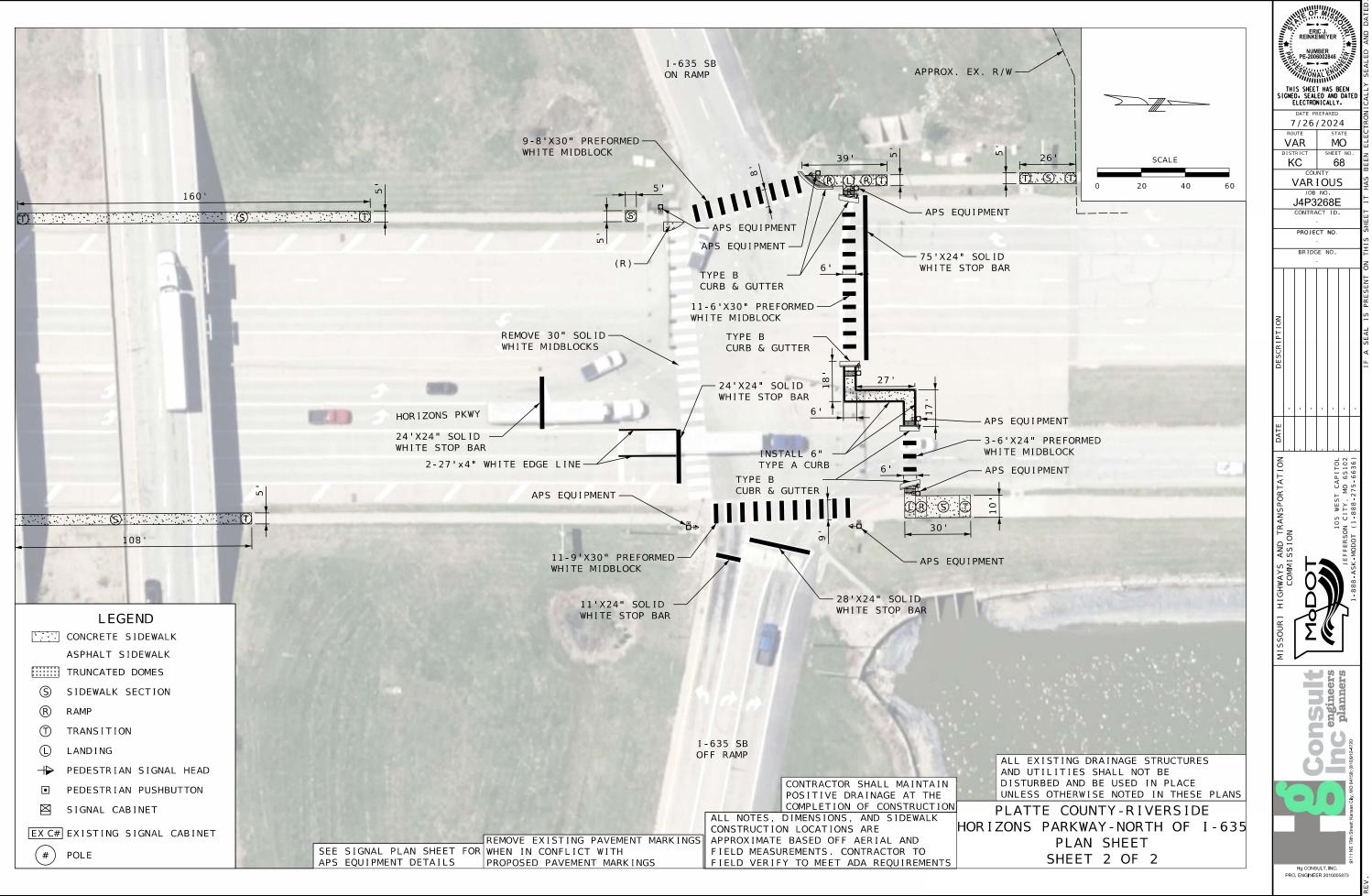








067_PL_01-02_J4P3268E_PlatteCo_Riverside_I20_HPkwy_001.dgn 12:12:01 PM 7/26/2024



068_PL_01-02_J4P3268E_PlatteCo_Riverside_I20_HPkwy_002.dgn 12:12:20 PM 7/26/2024

	LOCATION	BA	ASE		
POST NUMBER	CORNER	TYPE C	CONCRETE**	MOI PC	OP JNT IST
		·	_	4 FT.	8 FT.
ĻO	CATION 20, GREE EB RTE, 152 ON	EN HILL	S RD MP		
1	NE NE	1	0.44		1
2	SE	1	0.44		1
3	SW	1	0.44		1
4	SW	1	0.44		1
5	NW	1	0.44		1
L0	L CATION 20, GRE WB RTE, 152 ON	EN HILL /OFF RAI	S RD MP		
1	NE	1	0.44		1
2	NE	1	0.44		1
3	SE	1	0.44		1
4	SW	1	0.44		1
5	NW	1	0.44		1
6	NW	1	0.44		1
L0 &	CATION 21, N A WB RTE, 152 OF NE	MBASSAD F RAMP 1	OR RD		1
2	NW NW	1	0.44		1
SB		L BARRY RI AMP	D &		
1	l NF	1	0.44	l	1
2	NE SF	1	0.44		1
2	NE SE SW	1 1 1	0.44 0.44 0.44		1 1
2	SE	1	0.44		1
2 3 4 LO NB	SE SW NW CATION 23, NW I-29 ON/OFF R	1 1 1 BARRY RI	0.44 0.44 0.44		1 1
2 3 4 LO NB 1	SE SW NW CATION 23, NW I-29 ON/OFF R	1 1 1 BARRY RI AMP	0.44 0.44 0.44 D &		1 1 1
2 3 4 LO NB 1 2	SE SW NW CATION 23, NW I-29 ON/OFF R NE SE	1 1 1 BARRY RI AMP 1	0.44 0.44 0.44 0.44 0.44		1 1 1 1
2 3 4 LO NB 1 2	SE SW NW CATION 23. NW 1-29 ON/OFF R NE SE SE	1 1 1 BARRY RI AMP 1 1	0.44 0.44 0.44 0.44 0.44 0.44		1 1 1 1 1 1
2 3 4 LO NB 1 2 3 4	SE SW NW CATION 23, NW 1-29 ON/OFF R NE SE SW NW	1 1 1 BARRY RI AMP 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44	AM DD	1 1 1 1
2 3 4 LO NB 1 2 3 4	SE SW NW CATION 23, NW I-29 ON/OFF R NE SE SW NW	BARRY RAMP	0.44 0.44 0.44 0.44 0.44 0.44 0.44	MM DR	1 1 1 1 1 1 1
2 3 4 LO NB 1 2 3 4 LO	SE SW NW CATION 23. NW 1-29 ON/OFF R NE SE SW NW CATION 24 & 25 NE	1 1 1 1 BARRY RI AMP 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	MM DR	1 1 1 1 1 1 1 1 1 1 1
2 3 4 LO NB 1 2 3 4	SE SW NW CATION 23, NW I-29 ON/OFF R NE SE SW NW	BARRY RAMP	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	MM DR	1 1 1 1 1 1 1
2 3 4 LO NB 1 2 3 4 LO 1 2 3	SE SW NW CATION 23, NW 1-29 ON/OFF R NE SE SW NW CATION 24 & 25 NE NW	1 1 1 1 BARRY RI AMP 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	MM DR	1 1 1 1 1 1 1 1 1 1
2 3 4 LO NB 1 2 3 4 LO 1 2 3	SE SW NW CATION 23, NW 1-29 ON/OFF R NE SE SW NW CATION 24 & 25 NE NW NW	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44		1 1 1 1 1 1 1 1 1 1
2 3 4 LO NB 1 2 3 4 LO 1 2 3 LO	SE SW NW CATION 23, NW I-29 ON/OFF R NE SE SW NW CATION 24 & 25 NE NW NW	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44		1 1 1 1 1 1 1 1 1 1
2 3 4 LO NB 1 2 3 4 LO 1 2 3 LO 1 2 3	SE SW NW CATION 23, NW 1-29 ON/OFF R NE SE SW NW CATION 24 & 25 NE NW NW	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44		1 1 1 1 1 1 1 1 1 1 1 1 1
2 3 4 LO NB 1 2 3 4 LO 1 2 3 LO	SE SW NW CATION 23, NW I-29 ON/OFF R NE SE SW NW CATION 24 & 25 NE NW NW	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44		1 1 1 1 1 1 1 1 1 1

		S	IGNAL	_ H(ΞΑ	DS			
POST UMBER	HASE	INDICATOR *	VISORS *	BACKPLATE ** LENSES	1	CKE YPI		1 - S	11- s
_	ā	 	PED.	1	I	ΙΙ	Ш		
& FR	IUN 2 RTF.	152	GREEN H	IILLS RAM	RC P)			
1	65	1	0117 01 1	1	1			1	
2	66.73			2	2				1
3	74	1		1	1			1	
4	63	1		1	1			1	
5	64	1		1	1			1	
					_			•	
LOCAT & WB	ION 2 RTE.	0. (152	GREEN H ON/OFF	ILLS	P)			
		-			1			1	
2	23	1		1	1			1	
3	24	1		1	1			1	
4	26	1		1	1			1	
5	25	1		1	1			1	
6	33	1		1	1			1	
LOCAT & WB		1. I 152	OFF RA	SADO MP	RF	D			
1	85	1		1	1			1	
2	84	1		1	1			1	
LOCAT SB I-	ION 2 29 ON 65	3. I /OFI	NW BARF	Y RD	&			1	
2	67	1		1	1			1	
3	66	i i		1	1			1	
4		<u> </u>		1	+			1	
					_				
4	64								
LOCAT NB I-	ION 2 29 ON	/OF	NW BARF						
LOCAT NB I-	ION 2 29 ON 27	/0FI	NW BARR	1	1			1	
LOCAT NB I- 1 2	ION 2 29 ON 27 24	/OF I 1 1	NW BARF	1	1			1	
LOCAT NB I- 1 2 3	ION 2 29 ON 27 24 25	/OF I 1 1	NW BARF	1 1 1	1 1 1			1	
LOCAT NB I- 1 2	ION 2 29 ON 27	/OF I 1 1	NW BARF	1	1			1	
LOCAT NB I- 1 2 3 4 LOCAT	ION 2 29 ON 27 24 25 26 ION 2	/OF I 1 1 1 1 4 &	NW BARF RAMP	1 1 1 1	1 1 1 1	k KI	_ AMI	1	
LOCAT NB I - 1 2 3 4 LOCAT	ION 2 29 ON 27 24 25 26 ION 2 25,43	/OFI	RAMP	1 1 1 1 E. 4	1 1 1 1 5 8	k KI	_ AMI	1 1 1	1
LOCAT NB I - 1 2 3 4 LOCAT 1 EX1	ION 2 29 ON 27 24 25 26 ION 2 25,43 44,64	/OF (1 1 1 1 1 4 & 2	RAMP	1 1 1 1 E. 4 2	1 1 1 1 5 8 2	. KI	_ AMI	1 1 1	1
LOCAT NB I - 1 2 3 4 LOCAT 1 EX1	ION 2 29 ON 27 24 25 26 ION 2 25.43 44.64 65.83	/OF (1 1 1 1 4 & 2 2	RAMP	1 1 1 1 2 2 2	1 1 1 1 5 8 2 2	k KI	_ AMI	1 1 1 M DR	
LOCAT NB I - 1 2 3 4 LOCAT 1 EX1 EX2 2	ION 2 29 ON 27 24 25 26 ION 2 25,43 44,64 65,83	/OF I 1 1 1 1 2 2 1	RAMP	1 1 1 1 2 2 2	1 1 1 1 5 & 2 2 2	k KI	_ AMI	1 1 1 M DR	1
LOCAT NB I - 1 2 3 4 LOCAT 1 EX1	ION 2 29 ON 27 24 25 26 ION 2 25.43 44.64 65.83	/OF (1 1 1 1 4 & 2 2	RAMP	1 1 1 1 2 2 2	1 1 1 1 5 8 2 2	k KI	. AMI	1 1 1 M DR	1
LOCAT NB I- 1 2 3 4 LOCAT 1 EX1 EX2 2 3	ION 2 29 ON 27 24 25 26 ION 2 25.43 44.64 65.83 84 24	/OFF 1 1 1 1 1 2 2 2 1 1 1 6 • F	RAMP	1 1 1 1 1 2 2 2 2 1 1	1 1 1 1 2 2 2 1 1	s Ki		1 1 1 M DR	1
LOCAT NB I- 1 2 3 4 LOCAT 1 EX1 EX2 2 3	ION 2 29 ON 27 24 25 26 ION 2 25.43 44.64 65.83 84 24 ION 2	/OFF 1 1 1 1 1 2 2 2 1 1 1 6 • F 1	25. RT	1 1 1 1 1 2 2 2 2 1 1	1 1 1 1 1 2 2 2 1 1			1 1 1 M DR	1
LOCAT 1 2 3 4 LOCAT 1 EX1 EX2 2 3 LOCAT 1 2	ION 2 29 ON 27 24 25 26 ION 2 25.43 44.64 65.83 84 24 ION 2 25 43	/OFF 1 1 1 1 1 2 2 2 1 1 1 6 • F 1 1 1 1	25. RT	1 1 1 1 1 2 2 2 2 1 1 1	1 1 1 1 1 5 & 8 2 2 2 2 1 1 1			1 1 1 M DR	1
LOCAT NB I- 1 2 3 4 LOCAT 1 EX1 EX2 2 3 LOCAT 1 2 EX1	ION 2 29 ON 27 24 25 26 ION 2 25.43 44.64 65.83 84 24 ION 2 25 43 44.64	/OFF 1 1 1 1 2 2 2 1 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 1 1 1 2 1 1 1 1 2 1	25. RT	1 1 1 1 2 2 2 2 1 1 1	1 1 1 1 1 5 8 2 2 2 2 1 1 1			1 1 1 M DR	1
LOCAT 1 2 3 4 LOCAT 1 EX1 EX2 2 3 LOCAT 1 2 EX1	ION 2 29 ON 27 24 25 26 ION 2 25.43 44.64 65.83 84 24 ION 2 25 43 44.64 65.83	/OFF 1 1 1 1 1 2 2 2 2 2 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2	25. RT	1 1 1 1 2 2 2 2 1 1 1 1	1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 2 2 2 2 2			1 1 1 1 M DR 1 1 1	1 1
LOCAT 1 2 3 4 LOCAT 1 EX1 EX2 2 3 LOCAT 1 2 EX2 3	ION 2 29 ON 27 24 25 26 ION 2 25.43 44.64 65.83 84 24 ION 2 25 43.64 65.83 84 84	/OFF 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25. RT	1 1 1 1 1 2 2 2 2 1 1 1 1 2 8 N 1 2 2	1 1 1 1 1 1 1 2 2 2 1 1 1 1 2 2 1 1 2 1			1 1 1 1 M DR	1
LOCAT 1 2 3 4 LOCAT 1 EX1 EX2 2 3 LOCAT 1 2 EX1	ION 2 29 ON 27 24 25 26 ION 2 25.43 44.64 65.83 84 24 ION 2 25 43 44.64 65.83	/OFF 1 1 1 1 1 2 2 2 2 2 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 2 2 1 1 1 1 2	25. RT	1 1 1 1 2 2 2 2 1 1 1 1	1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 2 2 2 2 2			1 1 1 1 M DR 1 1 1	1

	MI	SC.ACCE	<u>SSIBLE</u>	PEDEST	RIAN :	<u>S I GNAI</u>	
		ACTUATOR	ACTUATOR	BUTTON	R10-3E	R10-3E	R10-3
œ		"ARROW"	"DOUBLE	EXTENSION	ı	ı	(MOD.
F E	ш	BUTTON	ARROW"		****	****	****
POST NUMBER	IASE		BUTTON				
ਜ਼∃	PH,						
LOCAT	ION 20	GREEN H	ILLS RD				
& EB I		152 ON/OFF	RAMP				
1	65	1			1		
2	66.73				1	1	
<u>3</u>	74 63	1			1		
5	64	1			<u> </u>	1	
	04	•				'	
LOCAT	ION 20	GREEN H	ILLS RD	1			
& WB I	RTE.	152 ON/OFF	RAMP				
1	34	1				1	
2	23	1			1		
3	24	1				1	
<u>4</u> 5	26	1			1		
<u> </u>	25 33	1			1	1	
- 6	33				- 1		
LOCAT	ION 2	N AMBASS	SADOR RD	l			
& WB I	RTE.	1. N AMBASS	MP				
1	85	1			1		
2	84	1			1		
SB I-	10N 2. 29 ON. 65	3. NW BARR' /OFF RAMP 1	Y RD &	I	<u> </u>	1	<u> </u>
2	67	1			1		
3	66	1				1	
4	64	1			1		
		0.00	1 22 1				
NR I-	IUN 2. 29 NN.	3. NW BARR' /OFF RAMP	Y RU &				
1	27	1		I		1	
2	24	1			1		
3	25	1				1	
4	26	1				1	
			<u> </u>	<u> </u>			
			E. 45 & KL.	AMM DR		ı	
	25•43 44•64				2	2	
	65.83				1	1	
2	84	1			'	i	
3	24	1			1		
			& N COSBY	AVE			
1	25	1				1	
2	43	1 2			1		
	44.64 65.83				1	2	
	84	1				1	
	24	1			1	'	
<u>3</u>					<u> </u>		
4	OTAL	38			19	19	

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

- * ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
- ** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

***** NO DIRECT PAY REQUIRED FOR R10-3E SIGNS AND MOUNTING HARDWARE.
TO BE INCLUDED AS INCIDENTAL TO THE COST OF ITEM 902-99.02
ACCESSIBLE PEDESTRIAN SIGNAL.

ACCESSIBLE PEDESTRIAN SIGNAL.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

LEGEND

S - SIDE MOUNT

MICHAEL F STEFFENSMER NIMBER PE-2021025215

EFFECTIVE: 10/01/2016

SIGNED, SEALED AND DA ELECTRONICALLY.

4/4/·2025
ROUTE STATE
VAR MO
DISTRICT SHEET NO.
KC 69

PLATTE

J4P3268E CONTRACT ID

PROJECT NO.

COMMISSION
COMMISSION

TODOT

105 WEST CAPITOL

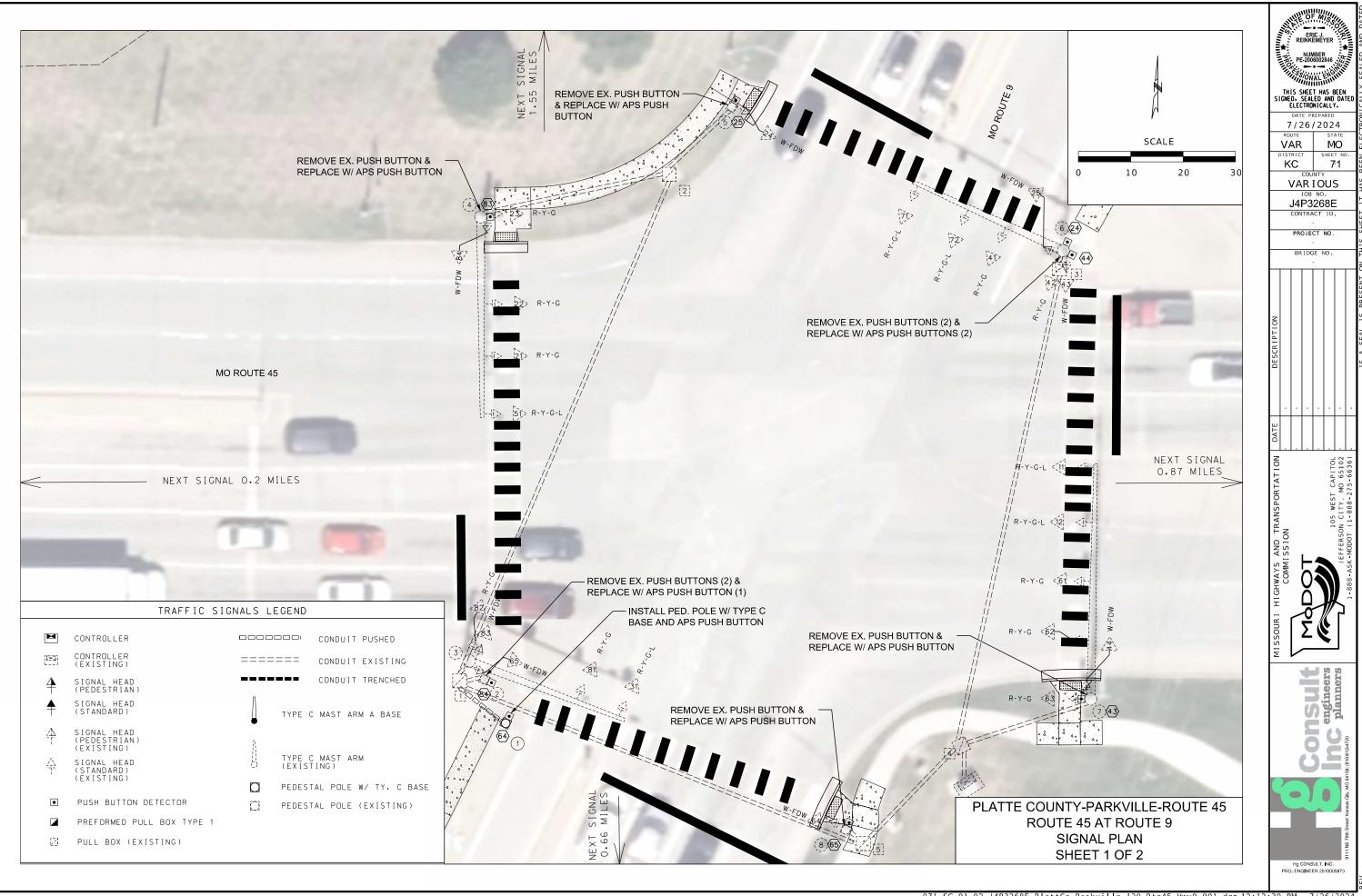
LEFFERSON CITY, MO 65102

800 E 101st Terr., Ste. 200 Kansas City, MO 64131 Phone (816) 701-3100 Fax (816) 942-3013

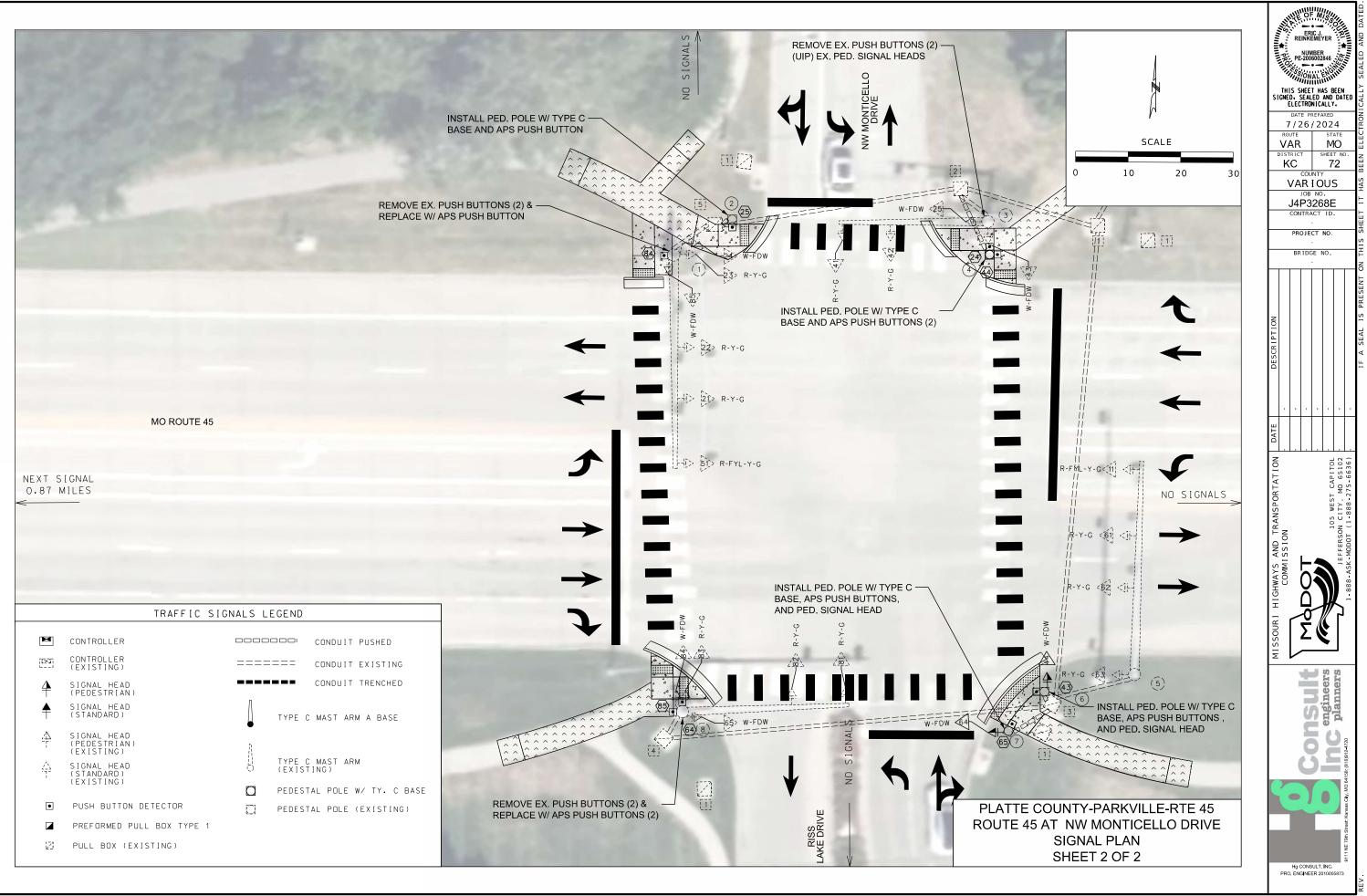


)15		VA DIST K	DATE OF PI	FFEI NUM -202 -202 -202 -203 -203 -203 -203 -203	MBEF1028 AL THIN F HAAL PARKET NO ACT TO ACT	S BEEN O CONTROL OF THE SERVICE OF T	4 ATE 10 TO 1
					СT		
			BR	IDO		VO.	
	DESCRIPTION						
	DATE						
	MISSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION				105 WEST CAPITOL	LEFEEBSON CITY MO 65102
		F	Kansas City, MO, 64131		Fax (816) 942-3013	Missouri Cert. of	Authority #2003007599
					CVADANY		EERS & ARCHITECTS

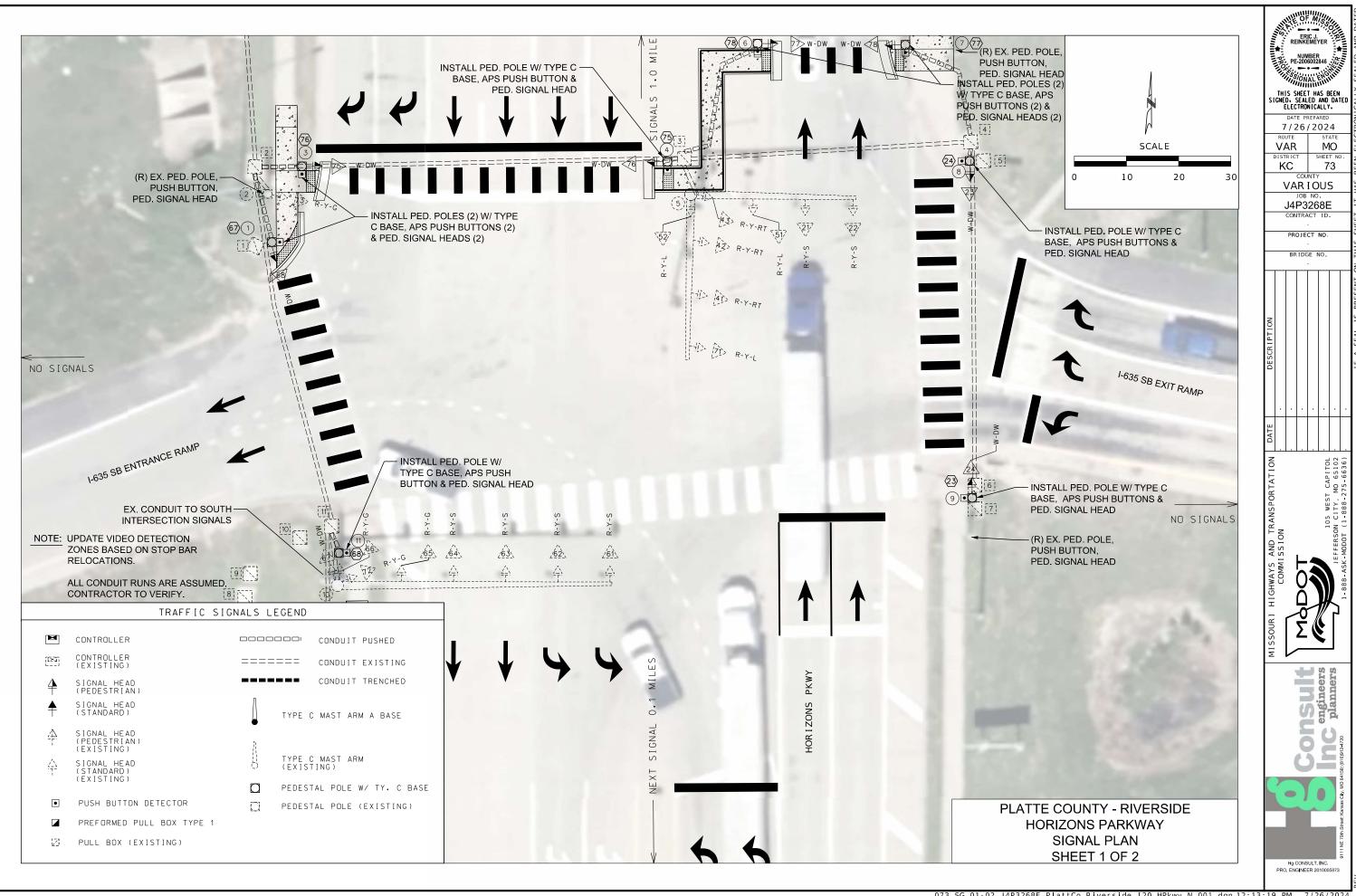
COI	NDL	JIT (V	VΙΤ	H 7	#14	Tf	RACER WIRE)			,	CA	BLE		
		CENTER TO	TRENCH	PUSHED	MEDIAN	3" ON RUCTURE				CENTER TO		CONTROL		
FROM	ТО	CENTER DISTANCE		3″ PU	3 " ME	3" STRUC	REMARKS	FROM	T0	CENTER DISTANCE	2c #16	5c #16	1c #6	REMARKS
LOCAT	ION	20, GREE	N HI	LLS	RD &	ЕB	RTE, 152 ON/OFF RAM	IP.						
EXC1	5	545		550				EXC1	1	865	1125	1125	65	
5	4	40		45				EXC1	2	805	2093	1047	115	
4	3	15		20				EXC1	3	695	904	904	20	
3	2	110		115				EXC1	4	680	884	884	45	
2	1	60		65				EXC1	5	640	832	832	550	
LOCAT	ION	20, GREE	N HI	LLS	RD &	. wB	L RTE. 152 ON/OFF RAM	1 1P						
EXC1	5	50		55				EXC1	1	180	234	234	110	
5	4	45		50				EXC1	2	210	273	273	35	
5	6	25		30				EXC1	3	255	332	332	50	
6	1	105		110				EXC1	4	95	124	124	50	
1	2	30		35				EXC1	5	50	65	65	55	<u> </u>
2	3	45		50				EXC1	6	75	98	98	30	
LOCAT	ION	21, N AM	L IBASS	ADOR	RD	& WB	RTE, 152 OFF RAMP							
EXC1	2	455	460					EXC1	1	455	592	592	460	
2	1	110		115				EXC1	2	565	853	853	115	
	ION			RD	& SB	I -2	9 ON/OFF RAMP							
EXC1	1	40	45					EXC1		40	52	52	45	
1	4	120		125				EXC1	2	180	234	234	145	
1	2	140		145				EXC1	3	260	338	338	85	
2	3	80		85				EXC1	4	160	208	208	125	
LOCAT	. I ON	23, NW E	ARRY	RD	& NB	I -2	L 9 ON/OFF RAMP							
EXC1	4	280	285					EXC1	1	360	468	468	85	
4	1	80		85				EXC1	2	410	533	533	155	
1	2	150		155				EXC1	3	415	540	540	140	
4	3	135		140				EXC1	4	280	364	364	285	
	TON	24 & 25,	DIC	15	0 1/		DD.							
EXC1	2	35	NIE.	40	O. N	LAMM	NO.	EXC1	1	140	364	182	95	
2	3	15	20	70				EXC1	_	35	46	46	40	
3	1	90		95				EXC1	_	50	65	65	20	
1	EX1	105		110				EXC1	_	230	598	299	110	
2	EX2	110		115				EXC1	_	145	377	189	115	
														·
		26, RTE.	45		COSB	Y AV	E							
EXC2	4	40		45				EXC2	1	155	202	202	120	
4	1	115		120				EXC2	2	165	215	215	15	
1	2	10	15	115				EXC2	3	50	65	65	15	
2	EX1	440	1.5	115				EXC2		40	52	52	45	
4	3	10	15	105				EXC2		275	715	358	115	
3	EX2	120		125				EXC2		170	442	221	125	
	Т	OTALS	840	2695					TO	ΓALS	14287	11994	3535	



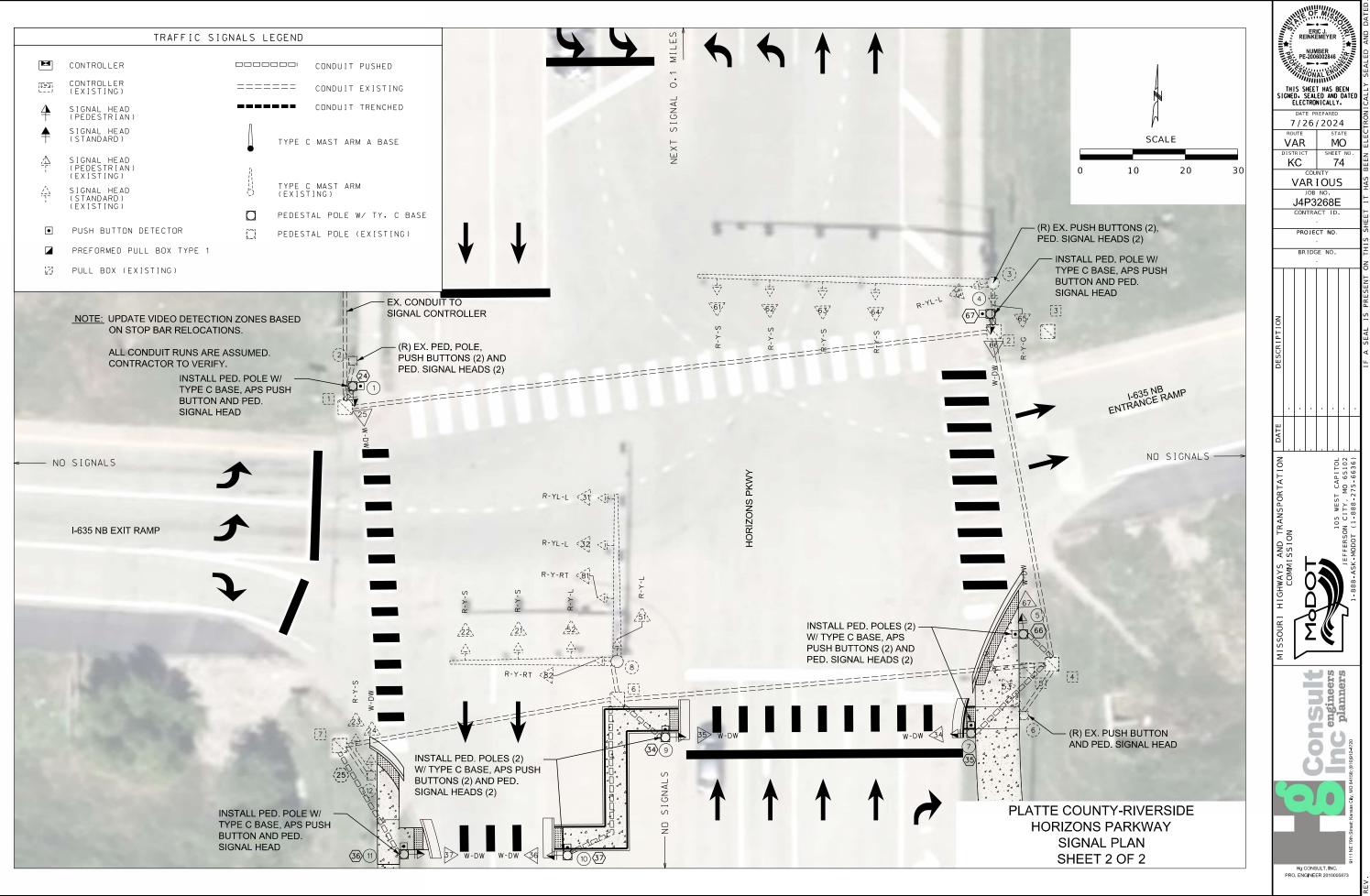
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	LOCATION	BA	4SE		
OST NUMBER	CORNER	TYPE C	CONCRETE** (CU. YDS.)	MOL	OP JNT ST
POS		↓	CONC!	4 FT.	8 FT.
LO	CATION 27. RTE	. 45 &	HWY 9		
1	SW	1	0.44	1	
	CATION 28. RTE	45 &	MONTICELL	O DR.	
2	NW	1	0.44	1	
4	NE	1	0.44	1	
6	SE	1	0.44		1
7	SE	1	0.44		1
Щ	CATION 30 HOD	I ZONC D	ADVWAV 8		
	CATION 30, HOR 635 SB RAMPS NW	IZONS P			1
Ī-0	635 SB RAMPS		0.44 0.44		1 1
I -	635 SB RAMPS NW	1	0.44		
I -	635 SB RAMPS NW NW	1	0.44		1
1 - 1 3 4	635 SB RAMPS NW NW N	1 1	0.44 0.44 0.44		1
1 - 1 3 4 6 7	635 SB RAMPS NW NW N N N N NE	1 1 1	0.44 0.44 0.44		1 1 1
1 - 1 3 4 6 7	635 SB RAMPS NW NW N N N	1 1 1 1	0.44 0.44 0.44 0.44		1 1 1
1 - 1 3 4 6 7	635 SB RAMPS NW NW N N N N NE	1 1 1 1 1	0.44 0.44 0.44 0.44 0.44	1	1 1 1 1
1 - 3 4 6 7 8 9 11	635 SB RAMPS NW NW N N N N NE NE SE	1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44	1	1 1 1 1
1 - 3 4 6 7 8 9 11	635 SB RAMPS NW NW N N NE NE SE SW CATION 30 HOR 635 NB RAMPS NW	1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	1	1 1 1 1
1 - 1 3 4 6 7 8 9 11 LOC I - 1	635 SB RAMPS NW NW N N N N NE NE SE SW CATION 30, HOR 635 NB RAMPS NW NE	1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	1	1 1 1 1 1 1 1
1 - 1 3 4 6 7 8 9 111 LOC I - 1 4 5	635 SB RAMPS NW NW N N N NE SE SW CATION 30 HOR 635 NB RAMPS NW NE SE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	1	1 1 1 1 1 1 1 1 1 1
1 - 1 3 4 6 7 8 9 111 LOU 1 - 1 4 5 7	635 SB RAMPS NW NW N N NE SE SW CATION 30 HOR 635 NB RAMPS NW NE SE SW CATION 30 HOR 635 NB RAMPS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	1	1 1 1 1 1 1 1
1 - 1 3 4 6 7 8 9 111 LO(1 - 1 4 5 7 9 9	635 SB RAMPS NW NW N N N N NE NE SE SW CATION 30, HOR 635 NB RAMPS NW NE SE SE SE SE SE SE SE SE SE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 - 1 3 4 6 7 8 9 111 LOC 1 - 1 4 5 7 9 10	635 SB RAMPS NW NW NN N N NE SE SW CATION 30, HOR 635 NB RAMPS NW NE SE SE SE SE SE SE SE SE SE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 - 1 3 4 6 7 8 9 111 LO(1 - 1 4 5 7 9 9	635 SB RAMPS NW NW N N N N NE NE SE SW CATION 30, HOR 635 NB RAMPS NW NE SE SE SE SE SE SE SE SE SE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.44 0.44 0.44 0.44 0.44 0.44 0.44 0.44	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

		S	IGNA	L H	EΔ	DS	5		
POST NUMBER	SIGNAL HEAD NO.	INDICATOR *	VISORS *	BACKPLATE * LENSES		CKE YPI		1 – S	11- S
		I . 71 I	PED.	1	l	ΙI	Ш		
LOCAT	ION :	28•	RTE. 4	5 & 1	MON	TIC	ELL	O DR	
6	44	1		1	1			1	
7	64	1		1	1			1	
I -635	SB I	RAMP	HOR I ZO S			WAY	&		
1	68	1		1	1			1	
3	75	1		1	1			1	
4	76	1		1	1			1	
6	77	1		1	1			1	
7	78	1		1	1			1	
8	23	1		1	1			1	
9	24	1		1	1			1	
LOCAT	ION . NB I	30. RAMP	HOR I ZO S	NS P.	ARK	WAY	&		
1	25	1		1	1			1	
4	66	1		1	1			1	
5	67	1		1	1			1	
7	34	1		1	1			1	
9	35	1		1	1			1	
10	36	1		1	1			1	
11	37	1		1	1			1	
TO	TAL	16		16	16			16	

	MI:	SC. ACC	ESSIBLE	PEDES	TRIAN	SIGNA	٩L
POST NUMBER	DETECTOR NO. / FACING	ACTUATOR "ARROW" BUTTON	ACTUATOR "DOUBLE ARROW" BUTTON	BUTTON EXTENSION	R10-3E (RIGHT) *****	R10-3E (LEFT) ****	R10-3E (MOD. ****
LOCAT	ION 2	7. RTE. 45	5 & HWY 9				
1	84	1				1	
			& MONTICE	LLO DR.			
1	84	1			1		
2	25 44	1			1		
4	24	1			'	1	
6	43	i				1	
7	65	i			1	•	
8	85	1			·	1	
8	64	1				1	
LOCAT	ION 3	 	S DADKWAY	2			
1-635 1	SB R	RAMPS 1	NS PARKWAY	<u>&</u>	1	1	
1-635 1 3	SB R 67 76	RAMPS 1	NS PARKWAY	&	1		
1-635 1	SB R	RAMPS 1	NS PARKWAY	&	1	1	
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REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

- * ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
- ** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

***** NO DIRECT PAY REQUIRED FOR R10-3E SIGNS AND MOUNTING HARDWARE.
TO BE INCLUDED AS INCIDENTAL TO THE COST OF ITEM 902-99.02
ACCESSIBLE PEDESTRIAN SIGNAL.

ACCESSIBLE PEDESTRIAN SIGNAL.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

LEGEND

S - SIDE MOUNT

REINCAMPER AND DATE PREPARED 4 / 4 / 20 2 5 ROUTE VAR MO
DISTRICT SHEET NO. KC 75

COUNTY PLATTE
JOB NO.
J4P3268E
CONTRACT ID.

EFFECTIVE: 10/01/2016

BRIDGE NO.

IISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MODOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



CON	NDU I T	(WIT	H #1	4 T	RACER WIRE)			C.	ABLE		
									CONTROL		
FROM	TO CENTO CENTO DISTA	ER NCE %	3" PUSH	3 "CDN STRUCTUI	REMARKS F	ROM TO	CENTER TO CENTER DISTANCE				REMARKS
	ION 27. F										
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	ION 28, R		& MONTI	CELLO		·VC4 DD07	150				
PB5 PB2						EXC1 PB84 EXC1 PB25		194 186		+	
PB3						XC1 PB23		136		+	+
PB3						XC1 PB44		136			
						XC1 PB43		200		1	
					+	XC1 PH44			201		
						XC1 PH64			210		
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						XC1 PB85		299			
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	7 2					XC1 PH76			180		
PB4						XC1 PB75		179			
PB6						XC1 PH77		207	208		
PB11	11 6	7			+	EXC1 PB78 EXC1 PB77		207 274		+	+
						XC1 PH78			275	+	
						XC1 PH23			253	+	
						XC1 PB24		252			
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PB8	11 29	30				EXC1 PH34			1082		
						EXC1 PB35		1081			
						XC1 PB34		1176	1477		
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+				+		EXC1 PH36 EXC1 PB37		1199	1200		
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