DESIGN DESIGNATION

A.A.D.T. - 2023 = 36396 (BOTH DIR.) A.A.D.T. - 2043 = 48296 (BOTH DIR.)D.H.V. = 17% T = 5.1% V = 35 M.P.H. D = 48%(EB), 52%(WB)

FUNCTIONAL CLASSIFICATION-MINOR ARTERIAL

NO RIGHT OF WAY ACQUISITION

CONVENTIONAL SYMBOLS (USED IN PLANS)

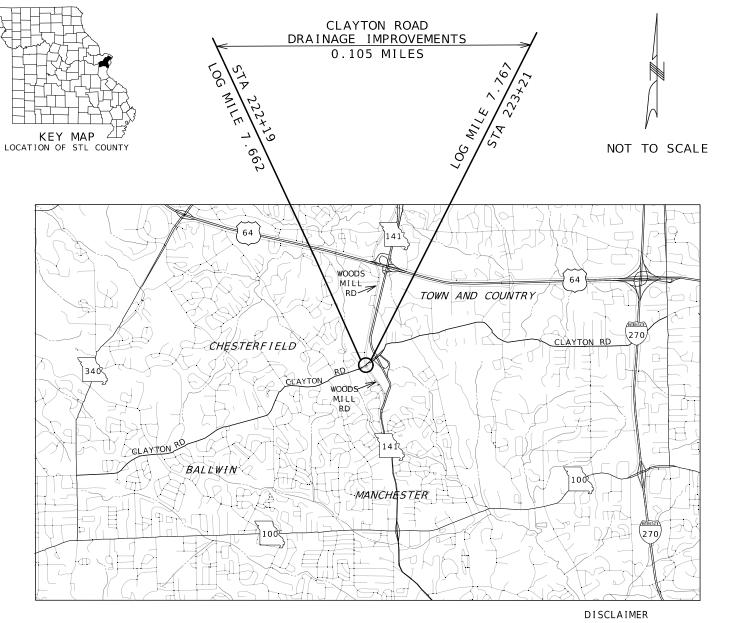
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES	0000	•••• ••••
FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	- FO OTV UTV - OT - UT - OE - UE - SS - G - W - SAN	-F0- -OTV- -UTV- -OT- -UE- -S- -SS- -G-
MANHOLE	DYH.	€
FIRE HYDRANT	w _v	1
WATER VALVE	"" (T	€
WATER METER	₽"")
DROP INLET	Ï	
DITCH BLOCK	=	-
GROUND MOUNTED SIGN	SIGN	-
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST	PED\ \ \	!
BENCHMARK	BM (X	y
	~	v

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED

STATE HIGHWAY

SAINT LOUIS COUNTY



THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE

UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

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.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBEI
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (4 SHEETS)	3
PLAN-PROFILE (PL)	4
COORDINATE POINTS (CP)	5
TRAFFIC CONTROL SHEETS (TC)	6 - 11
EROSION CONTROL SHEETS (EC)	12
CULVERT SECTIONS (CS)	13

BARRY MC	ARPY M. ARPY M. UMBER E-17867 WAL E-1780 AM BERGMAN - CIVIL PPE-17867 PERPARED
	6/2025
ROUTE	STATE
ROUTE	STATE
CLAYTO	
CLAYTO	и МО
CLAYTO DISTRICT SL	N MO
CLAYTO DISTRICT SL C ST.	N MO SHEET NO. 1 OUNTY LOUIS
CLAYTO DISTRICT SL C ST.	N MO SHEET NO. 1
CLAYTO DISTRICT SL C ST. JG	N MO SHEET NO. 1 OUNTY LOUIS DB NOMO051
CLAYTO DISTRICT SL C ST. JC JSL CONT	N MO SHEET NO. 1 OUNTY LOUIS DB NO. MO051 RACT ID.
CLAYTO DISTRICT SL C ST. JC JSL CONT	N MO SHEET NO. 1 OUNTY LOUIS DB NOMO051

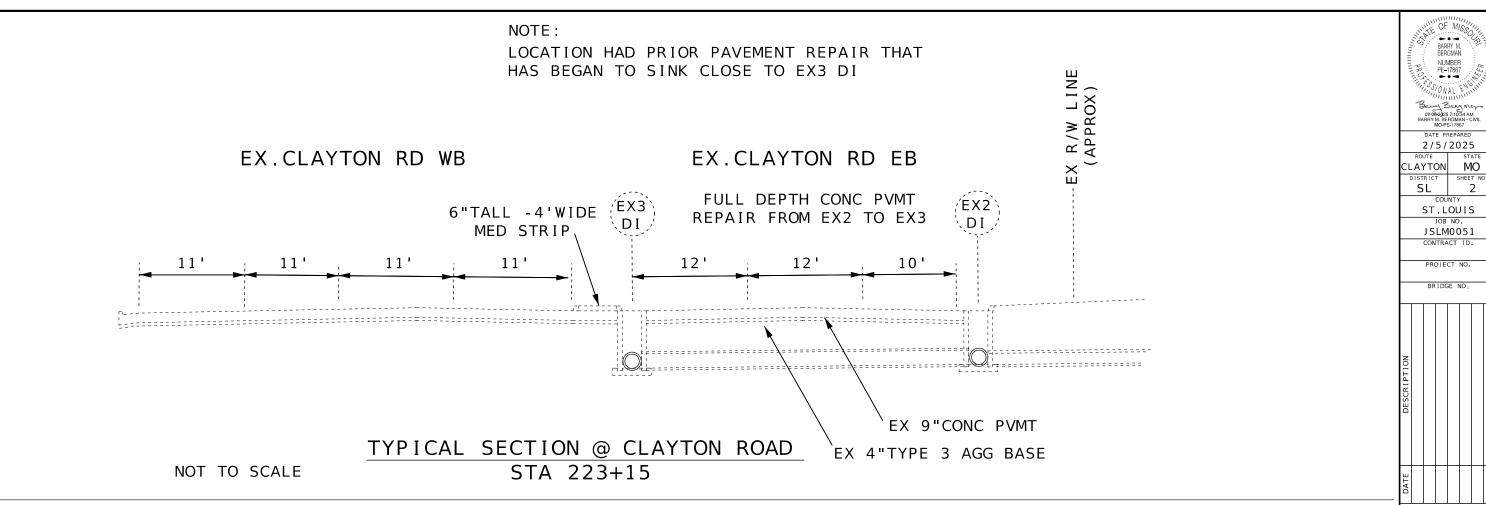
LENGTH OF PROJECT

BEGINNING OF PROJECT STA. 222+19 STA. 223+21 END OF PROJECT APPARENT LENGTH 102.0 FEET

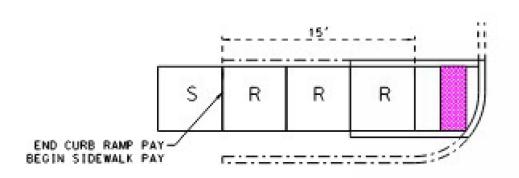
EQUATIONS AND EXCEPTIONS:

0.0 FEET TOTAL CORRECTIONS NET LENGTH OF PROJECT 102.0 FEET STATE LENGTH 0.019 MILES FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES

.1 ACRES



NOT TO SCALE



SMALL RADIUS PERPENDICULAR

S - SIDEWALK

R - RAMP

USE JSP FOR OTHER INCIDENTALS INCLUDED IN CURB RAMP PAY.
SEE STANDARD PLANS 608 SERIES FOR DIMENTIONS, GRADES, AND OTHER REQUIREMENTS.
CONTRACTORS WILL HAVE OPTION TO CONSTRUCT RAMP WITH FLARE OR CURB FOR CERTAIN RAMPS

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL
SEAL APPEAR HEREON ASSUMES RESPONSIBILITY
ONLY FOR WHAT APPEARS ON THIS PAGE, AND
DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO)
SPECIFICATION, ESTIMATES, REPORTS, OR OTHER
DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE
UNDERSIGNED PROFESSIONAL RELATING TO OR
INTENDED TO BE USED FOR ANY PART OR PARTS OF
THE PROJECT TO WHICH THIS PAGE REFERS.

ISSOURT HIGHWAYS AND TRANSPORTATION COMMISSION

COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1.888-ASK-MODOT (1-888-275-6636)

YPICAL SECTION

CONTRACTOR FURNISHED SURVEYING & STAKING - TOTAL = 1 LUMP SUM

MOBILIZATION - TOTAL = 1.0 LUMP SUM

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

			GROUT FILL ABANDO	NED PIPES	THE PROJECT TO WHICH
SHEET NO.	STATION	STATION	LOCATION	PRESSURE GROUTING FOR ABANDONED SEWERS (LF)	REMARKS
Λ			NE QUAD OF CLAYTON RD/WOODSMILL RD INTERSECTION	112	18"DIA. PIPE FROM 1-1 MH LOCATION TO EX7 DI
4			NE QUAD OF CLAYTON RD/WOODSMILL RD INTERSECTION	19	36"DIA. PIPE FROM EX7 DI 1-4 MH (SEE PLANS)
			TOTAL	131	
			PAY TOTAL	131	

					OUANTITY	OUANTITY	OUANTITY	
SHEET	RDWY	STATION	LOCATION	DESCRIPTION	(LF)	(SY)	(EACH)	REMARKS
4	CLAYTON	BY 1-1 MH	LT OF CL	CONC CURBING	20			REMOVE 20' OF EX. CONC CURBING
4	CLAYTON	BY 1-1 MH	LT OF CL	SIDEWALK	25			REMOVE 25' OF EX.5' WIDE SIDEWALK
4	CLAYTON	BY 1-1 MH	LT OF CL	21"RCP PIPE	8			REMOVE 8' OF EX.21"RCP PIPE
4	CLAYTON	BY 1-1 MH	LT OF CL	MANHOLE			1	REMOVE EX.MANHOLE EX6
4	WOODS MILL	BY 1-3 MH	LT OF CL	DROP INLET			1	REMOVE EX.DROP INLET EX8
4	WOODS MILL	BY 1-4 MH	LT OF CL	MANHOLE			1	REMOVE EX.MANHOLE EX9
4	WOODS MILL	BE 1-4 MH	LT OF CL	36 "CMP	29			REMOVE 29' OF 36"CMP TO EX.BC
4	WOODS MILL	215+83	RT OF CL	CURB RAMP ADA			1	REMOVE EX. ADA CURB RAMP ON SE QUAD OF INT.

						S	ND PIPE	URES A	GE STRUCT	DRAINA											
	CLASS 3	PIPE COLLAR	PIPE COLLAR	1			PIPES	GROUP A			TYPE 3 FRAME &	72" PRECAST	60" PRECAST	LINEAR					CULVERT	PLAN	STRUCTURE
DEMOVE	l	TYPE C			30"	24"	21"	18"	INLET TOP	COVER		MANHOLE				D O A DWAY	CTATION	STRUCTURE	1		TO
REMARKS	(CY)	(EACH)	(EACH)	(LF)	(LF)	(LF)	(LF)	(LF)	(EA)	(EA)	(EA)	(LF)	(LF)	(LF)	LOC	ROADWAY	STATION	NUMBER	NO.	NO.	STRUCTURE
UIP EX DROP INLET															LT OF CL	WOODS MILL	214+66.5	EX5 DI			
REPLACE PIPE FROM 1-1 MH TO VISIBLE SEPERATION	8.6		1				8								LT OF CL	WOODS MILL			1	4	EX5 DI TO 1-1 MH
72"PRECAST MANHOLE W/ALTERNATE TOP	18.7									1		7		6.32	LT OF CL	WOODS MILL	214+56	1-1 MH			
	142.5					112									LT OF CL	WOODS MILL			1	4	1-1 MH TO 1-2 MH
72"PRECAST MANHOLE W/ALTERNATE TOP	21.0									1		8		7.7	LT OF CL	WOODS MILL	213+67.5	1-2 MH			
	17.8				14.3										LT OF CL	WOODS MILL			1	4	1-2 MH TO 1-3 MH
MANHOLE WILL HAVE A TYPE T INLET TOP INSTALLED ON STANDAF	18.8								1		1		8	7.68	LT OF CL	WOODS MILL	213+49.0	1-3 MH			
	20.4			13.5												WOODS MILL			1	4	1-3 MH TO 1-4 MH
72"PRECAST MANHOLE W/ALTERNATE TOP	25.9									1		9		8.36	LT OF CL	WOODS MILL	213+32.6	1-4 MH			
NEW PIPE GETS CONNECTED TO EX BOX CULVERT AT 1-5	56.2	1		29												WOODS MILL			1	4	1-4 MH TO 1-5 PC
															LT OF CL	WOODS MILL	213+07	1-5 PC			
	14.2							14							LT OF CL	WOODS MILL			1	4	EX7 DI TO 1-2 MH
															LT OF CL	WOODS MILL	213+67.5	1-2 MH			
	344.1	1	1	42.5	14.3	112	8	14	1	3	1	24	8	1	TOTAL					1	
	344	1	1	43	15	112	8	14	1	3	1	24	8		PAY TOTAL						

Barry M. NUMBER PE-17867

02/08/2025 7:11:00 AM BARRY M. BERGMAN - CIVIL MO-PE-17867 DATE PREPARED

2/5/2025

ROUTE STATE
CLAYTON MO
DISTRICT SHEET NO
SL 3

ST.LOUIS

JOB NO.

JSLM0051

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE DESCRIPTION

SOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MADOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

ANTITY SHEET 1 OF 4

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

	TEMPORARY EROSION CONTROL														
SHEET NO.	STATION	STATION	LOCATION	SILT FENCE (LF)	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CY)	TEMPORARY SEEDING (AC)	MULCH (AC)	REMARKS						
12	212.04	214.60	LT OF WOODS MILL DD SI	405	2	7	0.16	0.16	2 CURR INLET CUECKS AT LOC (1 O EVA DI 1 O EVA DI 1 O EVA DI						
12	213+04	214+60	LT OF WOODS MILL RD CL	405	3	/	0.16	0.16	3 CURB INLET CHECKS AT LOC (1 @ EX8 DI, 1 @ EX7 DI, 1 @ EX5 DI)						
12	223+16		RT OF CLAYTON RD CL		3	3			IN FRONT OF DUFFY'S PARKING LOT TO CLAYTON RD MEDIAN						
12	221+20		RT OF CLAYTON RD CL	65		1	0.01	0.01	SW QUADRANT ADA CURB RAMP LOCATION						
			TOTAL	470	6	11	0.17	0.17							
			PAY TOTAL	470	6	11	0.2	0.2							

				SIDEWALK	
SHEET NO.	STATION	STATION	LOCATION	4"CONCRETE SIDEWALK (SY)	REMARKS
4	222+90	223+15	LT OF CLAYTON RD CL	27.8	AT NE QUAD OF INTERSECTION (LOC AT DIR.OF ENGINEER)
	1	1	TOTAL PAY TOTAL	27.8 27.8	

APPROX. 10- 5'X5' PANELS

				ADA CURB RAMP		
SHEET NO.	STATION	STATION	LOCATION	ADA CURB RAMP (EACH)	TRUNCATED DOMES (SF)	REMARKS
4	221+24		RT OF CLAYTON RD CL	1.0	8.0	AT SW QUAD OF CLAYTON RD & WOODSMILL RD
			TOTAL PAY TOTAL	1.0	8.0	-

SUGGESTED	CURB	RAMP	ΙS	SMALL	RADII

	SODDING												
SHEET NO.	STATION	STATION	LOCATION	KENTUCKY BLUEGRASS SODDING (SY)	REMARKS								
12	213+04	214+60	LT OF WOODS MILL RD CL	555.6	AT DISTURBED AREA TO CONSTRUCT DRAINAGE AND SIDEWALK								
12	221+20		RT OF CLAYTON RD CL	24.4	SW QUADRANT ADA CURB RAMP LOCATION								
		<u> </u>	TOTAL	580.0									
			PAY TOTAL	580									

BARRY M BERGMAN BERGMAN PE-17867

Buy Beng Men October 27:1127 AM BARRY M BERGMAN - CIVIL MO-PE-17867

DATE PREPARED

2/5/2025

2/5/2025
ROUTE STATE
CLAYTON MO
DISTRICT SHEET NO
SL 3
COUNTY
ST.LOUIS

JOB NO.
JSLM0051
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION				
DATE				

COMMISSION
COMMISSION

LOOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

QUANTITY SHEET 2 OF 4

LANDSCAPING										
SHEET NO.	STATION	STATION	LOCATION	VAR I OUS LANDSCAP I NG (LS)	REMARKS					
INO.	STATION	STATION	LOCATION	(L3)	KEMAKKS					
4			LT OF CLAYTON RD CL	1	TO RESTORE EX.LANDSCAPING DISTURBED DURING CONSTRUCTION					
	•	•	TOTAL	1						
			PAY TOTAL	1						

TEMPORARY SHORING

SHEET

SHEET

NO.

STATION

223+16

213+08

STATION

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

BARRY M. BERGMAN NUMBER PE-17867 ON AL EMPLOYMENT DOUBLES 7-1188 AM NO-PE-1786 AM NO-

111012	11001
DATE PREPARED 2/5/2025 ROUTE CLAYTON MO DISTRICT SHEET NO SL 3 COUNTY ST.LOUIS JOB NO. JSLM0051	
2/5/	2025
ROUTE	STATE
CLAYTON	MO
DISTRICT	SHEET NO.
SL	3
COU	NTY
ST.L	OUIS
JOB	NO.
CONTRA	CT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION				
ATE				

SHEET	4
QUANTITY	3 OF

NO. STATION STATION LOCATION (LS) REMARKS 4 AT PIPE AND MANHOLE INSTALLS 1.0 TO BE USED WHEN NEEDED AT ALL PIPE AND MANHOLE INSTALLS TOTAL 1.0 PAY TOTAL 1
TOTAL 1.0
TOTAL 1.0
PAY TOTAL 1

FULL DEPTH PAVEMENT REPAIR

FURNISH & PLACE

CONC.MATERIAL FOR

FULL-DEPTH PVMT REPAIR

(SY)

24.0

4.7

28.7

28.7

MAINLINE

PVMT

AREA

(SF)

216

42

LOCATION

RT OF CLAYTON RD CL

LT OF WOODS MILL RD CL

PAY TOTAL

TEMPORARY

SHOR I NG

	CURB I NG											
SHEET NO.	STATION	STATION	LOCATION	6" OR UNDER TYPE'S'CURB (LF)								
	222.05	222.15	LT OF CLAYTON BD CL	50.0	AT MANUELS 1.1 MILLOCATION (LOC AT DID OF ENGINESE)							
4	222+95	223+15	LT OF CLAYTON RD CL	50.0	AT MANHOLE 1-1 MH LOCATION (LOC AT DIR.OF ENGINEER)							
4	213+05		LT OF WOODS MILL RD CL	10.0	AT ENTRANCE TO GAS STATION TO PLACE NEW PIPE							
4	221+22		RT OF CLAYTON RD CL		CURB TO BE PAID FOR WITH CURB RAMP QUANTITIY (SEE CURB RAMP)							
			TOTAL	60.0								
			PAY TOTAL	60	7							

SUBGRADE

COMPACTION

(FOR PVMT REPAIR)

(SY)

2.4

0.5

TYPE I OR V AGGREGATE

FOR BASE

(FOR PVMT REPAIR)

(SY)

2.4

0.5

FULL DEPTH

PAVEMENT REPAIR

SAW CUTS

(LF)

114.0

21.0

135.0 135 DOWEL

BARS

(EACH)

30

4

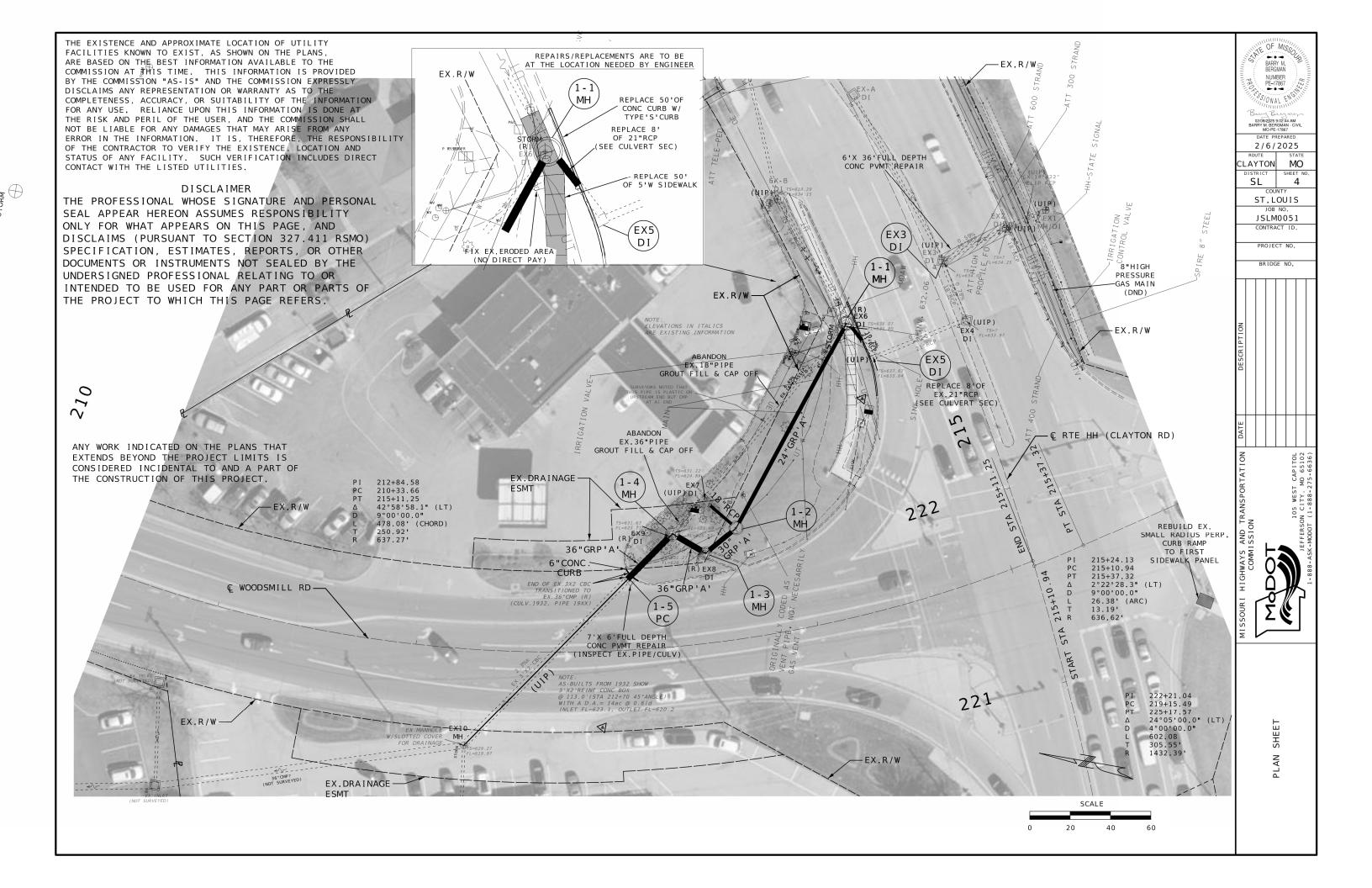
34

REMARKS

36' X 6' REPAIR

6' X 7' REPAIR

	-	I ITOTAL	LOTY	ITOTALICION		II I				OTV	ITOTALIC	I CNI			1	FFFF0TIVE 07 01 2024	1
1 .	SIZE AREA	TOTAL	1 '	TOTAL SIGN			SIZE	ADEA		QTY OTAL RELOC	TOTALIS			ITEM	TOTA	EFFECTIVE: 07-01-2024	OF M/Solve
SIGN		EACH SQ FT.		SQ.FT.	DESCRIPTION	SIGN	IN.		`	Q FT EACH		UIVI .	DESCRIPTION	NUMBER		L DESCRIPTION	SINAL Chil
31011	1N. 3Q.11		VING S		DESCRIFTION	3101	114.	3Q.11.	LACII 3	GUIDE SI			DESCRIPTION	6122008	QII	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	BARRY M. BERGMAN
WO1-1L 4	48X48 16.00				TURN (SYMBOL LEFT)	E05-1	36X48	12.00		00122 31		(GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	NUMBER #= NUMBER #=
WO1-1R 4	48X48 16.00)			TURN (SYMBOL RIGHT)	E05-2	48X36	12.00				E	XIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	THE SOLD THE MENTILL
	48X48 16.00				CURVE (SYMBOL LEFT)	E05-2a		12.00					EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	WAL EMILIA
	48X48 16.00				CURVE (SYMBOL RIGHT)	GO20-1		10.00					ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	BANG BANG WAY 01/27/2025 6:41:06 AM BARRY M. BERGMAN - CIVIL
	48X48 16.00 48X48 16.00				REVERSE TURN (SYMBOL LEFT) REVERSE TURN (SYMBOL RIGHT)	GO20 - 2 GO20 - 4		8.00 4.50					END ROAD WORK PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS) IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	MO-PE-17867
	48X48 16.00				REVERSE CURVE (SYMBOL LEFT)	GO20-4a							PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	DATE PREPARED 1/19/2025
	48X48 16.00				REVERSE CURVE (SYMBOL RIGHT)	GO20-4a		1.50					PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)	ROUTE STATE
WO1-4bL 4	48X48 16.00				DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00				V	VORK ZONE (PLAQUE)	6123001	1*	* TRUCK MOUNTED ATTENUATOR (TMA)	CLAYTON MO
	48X48 16.00				DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4 - 8 a		3.00					END DETOUR	6161008	8	ADVANCED WARNING RAIL SYSTEM	DISTRICT SHEET NO.
	48X48 16.00				TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4 - 9L		12.00					DETOUR (LEFT)	6161012		BUOYS (BOATS KEEP OUT)	SL 3
	48X48 16.00 60X30 12.50				TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT) HORIZONTAL ARROW (SYMBOL)	MO4 - 9R MO4 - 9P		12.00					DETOUR (RIGHT) STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE) SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	ST.LOUIS
	72X36 18.00				HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4 - 10L		6 00					DETOUR ARROW (LEFT)	6161025	77	CHANNELIZER (TRIM LINE)	JOB NO.
WO1-7 6	60X30 12.50)			DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4 - 10R	48X18	6.00					DETOUR ARROW (RIGHT)	6161030		TYPE III MOVEABLE BARRICADE	JSLM0051 CONTRACT ID.
WO1-7a 7	72X36 18.00)			DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)				RI	EGULATORY	SIGNS			6161033	14	DIRECTION INDICATOR BARRICADE	CONTINACT ID.
	18X24 3.00				CHEVRON (SYMBOL)	R1-1		13.25					STOP	6161040	2 *	* FLASHING ARROW PANEL	PROJECT NO.
	30X36 7.50				CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	1		6.93					(TELD	6161047		TYPE III OBJECT MARKER	BRIDGE NO.
	48X48 16.00 48X48 16.00				STOP AHEAD (SYMBOL) YIELD AHEAD (SYMBOL)	R1-2a R1-3P		9.00					TO ONCOMING TRAFFIC (PLAQUE) ALL WAY (PLAQUE)	6161055		SEQUENTIAL FLASHING WARNING LIGHT TUBULAR MARKER	BRIDGE NO.
	48X48 16.00				SIGNAL AHEAD (SYMBOL)	R2-1		12.00					SPEED LIMIT XX	6161070		RADAR SPEED ADVISORY SYSTEM	
	48X48 16.00				BE PREPARED TO STOP	R3 - 1		16.00					NO RIGHT TURN (SYMBOL)			CHANGEABLE MESSAGE SIGN,	1
WO3 - 5	48X48 16.00				SPEED LIMIT AHEAD	R3-2	48X48	16.00				N	NO LEFT TURN (SYMBOL)	6161096		COMMISSION FURNISHED/RETAINED	1
	48X48 16.00				MERGE (SYMBOL FROM LEFT)	R3-3		9.00					NO TURNS		<i>1</i> *	* CHANGEABLE MESSAGE SIGN WITHOUT COMM.	ullet
	48X48 16.00				MERGE (SYMBOL FROM RIGHT)	R3-4		16.00		12.5			NO U-TURN (SYMBOL)	6161098	4	INTERFACE - CONTRACTOR FURNISHED/RETAINED	<u> </u>
	48X48 16.00			6a	MERGE (LEFT)	R3 - 7L	30X30		2 1	13.5			EFT LANE MUST TURN LEFT	6161000		CHANGEABLE MESSAGE SIGN WITH COMM.	[E
	48X48 16.00 48X48 16.00		-	N 3	MERGE (RIGHT) ROAD/BRIDGE/RAMP NARROWS	R3-7R R4-1		12.00					RIGHT LANE MUST TURN RIGHT OO NOT PASS	6161099	Δ	INTERFACE - CONTRACTOR FURNISHED/RETAINED WORK ZONE TRAFFIC SIGNAL SYSTEM	┨ <u>┲</u>
	48X48 16.00			43	ONE LANE BRIDGE	R4-1		12.00					PASS WITH CARE	6162000		TEMPORARY LONG-TERM RUMBLE STRIPS	
	48X48 16.00				NARROW LANES	R4-7a		12.00					CEEP RIGHT (HORIZONTAL ARROW)			TEMPORARY TRAFFIC BARRIER	1 °
WO6 - 1	48X48 16.00				DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00				k	(EEP LEFT (HORIZONTAL ARROW)	6173600)	CONTRACTOR FURNISHED/RETAINED	_
	48X48 16.00				DIVIDED HIGHWAY END (SYMBOL)	R5-1		6.25					DO NOT ENTER			TEMPORARY TRAFFIC BARRIER	1
	48X48 16.00				TWO WAY TRAFFIC (SYMBOL)	R5-1a		6.00					VRONG WAY	6173602		CONTRACTOR FURNISHED/COMMISSION RETAINED	4
	30X24 5.00 48X48 16.00				NEXT XX MILES (PLAQUE) BUMP	R6-1L R6-1R		6.75					DNE WAY ARROW (LEFT) DNE WAY ARROW (RIGHT)	6174000 6175010		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION RELOCATING TEMPORARY TRAFFIC BARRIER	-ш
	48X48 16.00				DIP	R6-2L		5.00					ONE WAY (LEFT)	0173010	1	TEMPORARY TRAFFIC BARRIER	4 <u>4</u>
	48X48 16.00				PAVEMENT ENDS	R6-2R		5.00					ONE WAY (RIGHT)	6176000	3	COMMISSION FURNISHED/RETAINED	
WO8 - 4	48X48 16.00)			SOFT SHOULDER	R9-9	24X12	2.00	3	6		50 9	SIDEWALK CLOSED			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	TOL TOL 36)
	48X48 16.00				SLIPPERY WHEN WET (SYMBOL)							9	SIDEWALK CLOSED AHEAD,	6177000	3	COMMISSION FURNISHED/RETAINED	TI() TE () (PIT () (651)
	48X48 16.00				TRUCK CROSSING	R9-11L	24X18	3.00					(ARROW LEFT) CROSS HERE	6208064		TEMPORARY RAISED PAVEMENT MARKER	CA ON STA
	48X48 16.00 36X36 9.00				TRUCK ENTRANCE LOOSE GRAVEL	H R9-11R	24710	3.00					SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	9029400	'	TEMPORARY TRAFFIC SIGNALS TEMPORARY TRAFFIC SIGNALS AND LIGHTING	POF EST 7. 1
	36X36 9.00				FRESH OIL / LOOSE GRAVEL	R10-6		6.00					STOP HERE ON RED (45^ ARROW)	902940.		TEMPORARI TRAFFIC SIGNALS AND LIGHTING	NSN ** 1.5 × 1.5
	48X48 16.00				LOW SHOULDER	R11-2		10.00					ROAD CLOSED				RA 100
WO8 - 11	48X48 16.00				UNEVEN LANES							F	ROAD CLOSED XX MILES AHEAD				I O S S T O
	48X48 16.00				NO CENTER LINE	R11-3a							OCAL TRAFFIC ONLY				SSIC SSIC
	48X48 16.00				GROOVED PAVEMENT	R11-4							ROAD CLOSED TO THRU TRAFFIC				W MIN
	30X24 5.00 48X48 16.00				MOTORCYCLE (PLAQUE) SHOULDER DROP-OFF (SYMBOL LEFT)	CONST - 3A							FINE SIGN SPEEDING/PASSING (PLATE)				YA SO
	48X48 16.00 48X48 16.00		-		SHOULDER DROP-OFF (SYMBOL LEFT) SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-3X	20717	4.07	MIS	SCELLANEOU	S SIGNS		DI ELDINO/FASSING (FLATE)	L	1		1巻、 メル ※
	30X24 5.00				SHOULDER DROP-OFF (PLAQUE)	CONST-5	48X36	12.00	12113		2 213113	_	POINT OF PRESENCE			DISCLAIMER	
	12RND. 9.62				RAILROAD CROSSING	CONST - 5							POINT OF PRESENCE			SIONAL WHOSE SIGNATURE AND PERSONAL	- \ 0 \\ \\ \\ \
	24X24 4.00				DOUBLE DOWN ARROW (SYMBOL)	CONST-8	48X36	12.00				٧	VORK ZONE NO PHONE ZONE			R HEREON ASSUMES RESPONSIBILITY	I
	48X48 16.00				LOW CLEARANCE (SYMBOL)							\perp				HAT APPEARS ON THIS PAGE, AND (PURSUANT TO SECTION 327.411 RSMO)	Ssour Z &
	24X18 3.00 84X24 14.00		-		LOW CLEARANCE (PLAQUE) OVERHEAD LOW CLEARANCE (FEET AND INCHES)	-						_				ION, ESTIMATES, REPORTS, OR OTHER	
	84X24 14.00 20X60 50.00				LOW CLEARANCE XX FT XX IN XX MILES AHEAD	-										OR INSTRUMENTS NOT SEALED BY THE	
	20X60 50.00				WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD							_				D PROFESSIONAL RELATING TO OR	
	30X30 6.25				ADVISORY SPEED (PLAQUE)											O BE USED FOR ANY PART OR PARTS OF	
	30X24 5.00				XXX FEET (PLAQUE)											T TO WHICH THIS PAGE REFERS.	
	30X24 5.00				X MILE (PLAQUE)							\Box					BS
		15 240		2	ROAD/BRIDGE/RAMP WORK AHEAD							\perp					7
	48X48 16.00 48X48 16.00				DETOUR AHEAD ROAD CLOSED AHEAD	616-10	0.5		+	OTAL							ET
	48X48 16.00				ONE LANE ROAD AHEAD	CONSTRU		N SIGNS		532		•	NO DIRECT PAYMENT WILL	BE MAD	E FOR	RELOCATING SIGNS OR DEVICES	SHE 4 ROL
	48X48 16.00			5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD	616-10		5.0.11			TOTAL		TEMPORARY TRAFFIC CONTR				ı –
	48X48 16.00				2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCA		I GNS			0		CMS LOCATION TO BE DETE				_ F O N .
	48X48 16.00			6	RIGHT/CENTER/LEFT LANE CLOSED								* SIGN AND DEVICE LOCA				1 + 4 O
	48X48 16.00				FLAGGER (SYMBOL)		-D 4	IC CONT	-001 17	TEMC ARE :	NCL URES		VERIFIED AND APPROVE				AN I C
	1/2 / 3 C 0 00			21	FRESH OIL					TEMS ARE I TEMPORARY			** NOT INCLUDED IN TEMP				QU/
WO21-2 3	36X36 9.00	וריני ו כך ון	1	1 21	SHOULDER WORK / SHOULDER WORK AHEAD								*** TOTAL QUANTITY INDIC	ATES NO	JMBER	OF DEVICES.	I ~ ₹
WO21-2 3 WO21-5 4	48X48 16.00				BLASTING ZONE AHEAD	[(())()] [(())		JIVI I 11X11	1 622 ()1 666	(WISE NI))TFD	TO DE DAID FOR AC	1 1 1 10 40	CLINA		~
WO21-2 3 WO21-5 4 WO22-1 4					BLASTING ZONE AHEAD TURN OFF 2-WAY RADIO AND PHONE	4			•	LESS OTHER UANTITIES			TO BE PAID FOR AS =	1 LUMP	SUM		H
WO21-2 3 WO21-5 4 WO22-1 4 WO22-2 4	48X48 16.00 48X48 16.00)				IN TH	IE PL	ANS. TH	IESE QU	LESS OTHER UANTITIES UBJECT TO	ARE ONL		TO BE PAID FOR AS =	1 LUMP	SUM		l ≝ 1
WO21-2 3 WO21-5 4 WO22-1 4 WO22-2 4 WO22-3 4	48X48 16.00 48X48 16.00 42X36 10.50				TURN OFF 2-WAY RADIO AND PHONE	IN TH	HE PLA	ANS. TH TE AND	IESE QU ARE SU	UANTITIES	ARE ONL CHANGE	Υ.				AFFIC CONTROL = 1 LUMP SUM	Ĭ E



ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.								
PROJECT COORD	INATE INFORMATION							
COORDINATE SYSTEM	M MODIFIED STATE PLANE (GROUND)							
HORIZONTAL DATUM	NAD 83 (2011) EPOCH 2010.0							
VERTICAL DATUM	NAVD 88:GNSS DERIVED							
GEOID MODEL	GEOID18							
ELEVATIONS	AVERAGED GNSS OBSERVATIONS							
DETERMINED BY								
PROJECT PROJECTION FACTOR 1.00008780								
REFERENCE CONTROL INFORMATION								
COORDINATE SYSTEM	M MO COORDINATE SYSTEM OF 1983							
CONTROL STATION	MISSOURI CORS							
DESIGNATION								
CORS_ID								
PID								
LATITUDE								
LONGITUDE								
NORTHING (M)								
EASTING (M)								
ZONE	EAST							
PROJECT AVERAGE (GRID FACTOR							
EXAMPLE OF PRO	OJECT COORDINATE TO S.P.C.							
EXAMPLE OF PROJECT COORDINATE TO S.P.C. PROJECT NORTHING X AVERAGE GRID FACTOR = STATE PLANE NORTHING PROJECT EASTING X AVERAGE GRID FACTOR = STATE PLANE EASTING EXAMPLE: CONTROL POINT # N = N								
E X								
LINEAR UNIT CO								
1 METER = 3.28083	33333 US SURVEY FEET (USFT)							

	1				COODDINATE	OINT LISTING				- H 767	
										_I'	NAME ENVI
					D STATE PLANE (Ø*	S/ONAL ENGINEERS SERVICE SERVI
			OFFSET	NORTHING	EASTING	ELEVATION			GPK	BAR	MO-PE-17867
		LOCATION	(USFT)	(US SURVEY FT)	(US SURVEY FT)	(US SURVEY FT)	DESCRIPTION		POINT ID		19/2025
ALIGNMENTS (C	OF WOODS	MILL RD	- NORTH C	HAIN)						ROUT	E STATE
										CLAY	TON MO
	+82.51	© WMR	0	1016983.0006	815797.7940		BEGIN CHAIN			-ll "si	
	+33.66	© WMR	0	1016540.9614	815707.5923		PC	R=637.28 L=478.08		_	COUNTY
215+	+11.25	© WMR	0	1016081.0502	815788.3400		PT END CHAIN	L=470.00		S	T LOUIS
										_	SLM0051
ALIGNMENTS (C	OF WOODS	5 MILL RD	- SOUTH C	HAIN)		· · · · · · · · · · · · · · · · · · ·					ONTRACT ID.
										⊣ ,	ROJECT NO.
	+10.94	© WMR	0	1016079.9430	815786.1159		PC BEGIN CHAIN	R=636.62 L=26.38		l '	ROJECT NO.
	5+37.32	© WMR	0	1016057.6658	815800.2482		PT	L=20,36		_	BRIDGE NO.
218+	3+00.00	© WMR	0	1015838.8201	815945.5251		END CHAIN			\bot	
										_ 	
ALIGNMENTS (C	OF CLAYT	TON RD - R	TE HH)							4111	
										_	
		€ RTE HH	0	1015990.4770	815559.4124		PC BEGIN CHAIN	R=1432.39 L=602.08		_ z	
225+	+17.57	€ RTE HH	0	1016277.4649	816083.6608		PT	L=602.08		∐ ≝⊟	
227+	+91.97	€ RTE HH	0	1016456.5429	816291.5705		END CHAIN			_ a	
										ll s	OL 02
										_][<u>Ť</u>	P I T
										T.	ა ბ
											TS:
										NSF	* E
										- RA	105 0
										_	RSO
										NAC SS 1	ш
										J 2 2 1 2 2 1 2 2 1 2 2 1 2 2 1 2 2 2 2	105 WEST CAPITOL JEFFERSON CITY, MO 65102
										IGHWAYS AND TRANSPORTATION COMMISSION	
										⊣ ≹°	\sim 711

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

COORDINATE/REFERENCE POINT SHEET

