

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 SPECIFICALLY SHOWN ON THESE PLANS. NO ABUTTER'S RIGHTS IN OR OF DIRECT ACCESS TO, FROM, OR ACROSS THE HIGHWAY OR ITS RIGHT-OF-WAY SHALL ATTACH OR BELONG TO ANY PROPERTY WHERE THE SYMBOL SHOWN BELOW IS SHOWN ON THE RIGHT OF WAY LINE.

TEMPORARY CONSTRUCTION EASEMENTS REQUIRED

LOCATION 2 - RTE PP

NO NEW R/W REQUIRED

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		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK	-V-	-V-
WOVEN WIRE	-X-	-X-
GATE POST		
BENCHMARK		

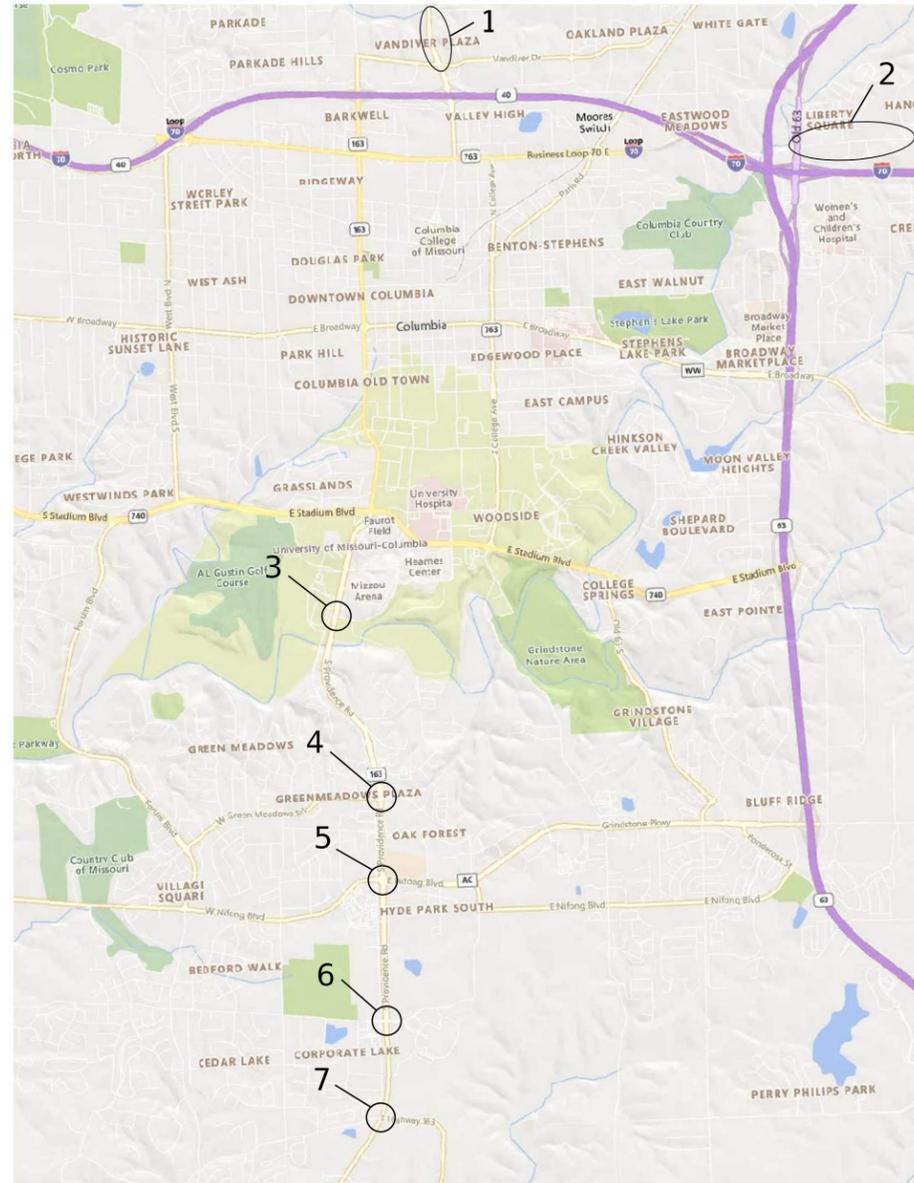
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY BOONE COUNTY



KEY MAP
LOCATION OF BOONE COUNTY

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



NOT TO SCALE

LOCATION

- | | |
|---|---|
| 1 - BOONE CO, COLUMBIA, RTE 763, VANDIVER DR. TO ELLETA BLVD. | 5 - BOONE CO, COLUMBIA, RTE 163, AT ROUTE AC |
| 2 - BOONE CO, COLUMBIA, RTE PP, US-63 CONNECTOR TO WOODLAND SPRINGS CT. | 6 - BOONE CO, COLUMBIA, RTE 163, AT SOUTHAMPTON DR. |
| 3 - BOONE CO, COLUMBIA, RTE 163, AT MICK DEEVER MEMORIAL DR. | 7 - BOONE CO, COLUMBIA, RTE 163, AT ROUTE K/OLD PLANK RD. |
| 4 - BOONE CO, COLUMBIA, RTE 163, AT GREEN MEADOWS RD. | |

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.

TITLE SHEET
1 OF 2

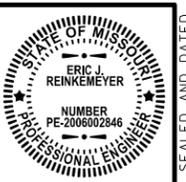
INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET (2 SHEETS)-----	1
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LENGTH OF PROJECT

BEGINNING OF PROJECT	DATE	DESCRIPTION
LOCATION 1 LENGTH	1,513	FEET
LOCATION 2 LENGTH	2,009	FEET
LOCATION 3 LENGTH	INTERSECTION ONLY	
LOCATION 4 LENGTH	INTERSECTION ONLY	
LOCATION 5 LENGTH	INTERSECTION ONLY	
LOCATION 6 LENGTH	INTERSECTION ONLY	
LOCATION 7 LENGTH	INTERSECTION ONLY	
END OF PROJECT		

NET LENGTH OF PROJECT	3522.00	FEET
STATE LENGTH	0.667	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	1.05	ACRES



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

3/4/2026

ROUTE STATE

VAR. MO

DISTRICT SHEET NO.

CD 1A

COUNTY

BOONE

JCD0125

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Consult engineers Inc planners

7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256-5153

Hg CONSULT, INC.
PRO. ENGINEER 201005873

LOCATION MAP

BOONE COUNTY
 A.A.D.T. - 2024 = 17,546
 DESIGN SPEED = 45 MPH
 FUNCTIONAL CLASSIFICATION
 - PRINCIPAL ARTERIAL

COLUMBIA, ROUTE 763
 (VANDIVER DR. TO ELLETA BLVD.)
 LOCATION 1

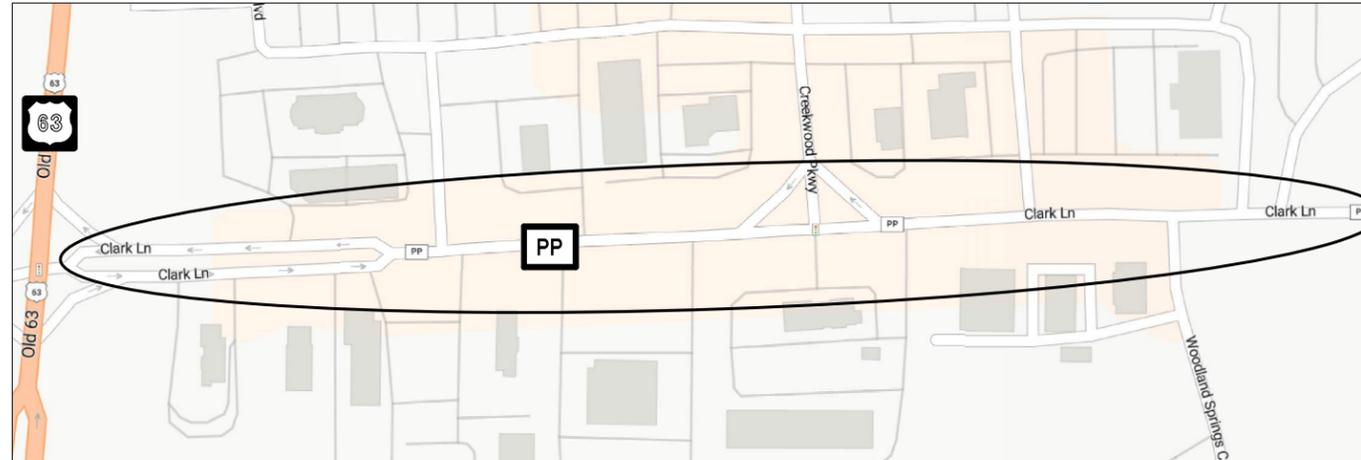


CURB RAMPS, SIGNALS,
 SIDEWALK

NOT TO SCALE

BOONE COUNTY
 A.A.D.T. - 2024 = 13,822
 DESIGN SPEED - 40 MPH
 FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

COLUMBIA, ROUTE PP
 (US-63 CONNECTOR TO WOODLAND SPRINGS CT.)
 LOCATION 2

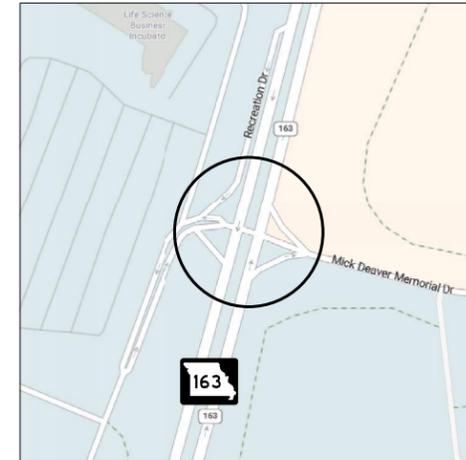


CURB RAMPS, SIGNALS,
 SIDEWALK

NOT TO SCALE

BOONE COUNTY
 A.A.D.T. - 2024 = 37,762
 DESIGN SPEED - 50 MPH
 INTERSECTION ONLY
 FUNCTIONAL CLASSIFICATION
 - EXPRESSWAY

COLUMBIA, ROUTE 163
 (AT MICK DEEVER MEMORIAL DR.)
 LOCATION 3

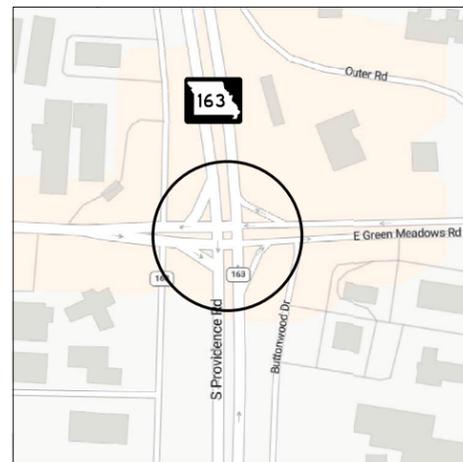


CURB RAMPS, SIGNALS,
 SIDEWALK

NOT TO SCALE

BOONE COUNTY
 A.A.D.T. - 2024 = 37,762
 DESIGN SPEED - 50 MPH
 INTERSECTION ONLY
 FUNCTIONAL CLASSIFICATION
 - EXPRESSWAY

COLUMBIA, ROUTE 163
 (AT GREEN MEADOWS RD.)
 LOCATION 4



CURB RAMPS, SIGNALS,
 SIDEWALK

NOT TO SCALE

BOONE COUNTY
 A.A.D.T. - 2024 = 27,495
 DESIGN SPEED - 50 MPH
 INTERSECTION ONLY
 FUNCTIONAL CLASSIFICATION
 - EXPRESSWAY

COLUMBIA, ROUTE 163
 (AT ROUTE AC)
 LOCATION 5



CURB RAMPS, SIGNALS,
 SIDEWALK

NOT TO SCALE

BOONE COUNTY
 A.A.D.T. - 2024 = 23,611
 DESIGN SPEED - 50 MPH
 INTERSECTION ONLY
 FUNCTIONAL CLASSIFICATION
 - MINOR ARTERIAL

COLUMBIA, ROUTE 163
 (AT SOUTHAMPTON DR.)
 LOCATION 6

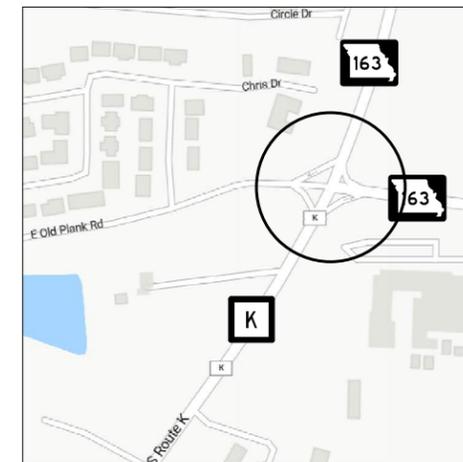


CURB RAMPS, SIGNALS,
 SIDEWALK

NOT TO SCALE

BOONE COUNTY
 A.A.D.T. - 2024 = 16,379
 DESIGN SPEED - 50 MPH
 INTERSECTION ONLY
 FUNCTIONAL CLASSIFICATION
 - MINOR ARTERIAL

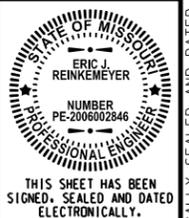
COLUMBIA, ROUTE 163
 (AT ROUTE K / OLD PLANK RD.)
 LOCATION 7



SIGNALS

NOT TO SCALE

TITLE SHEET
 2 OF 2



THIS SHEET HAS BEEN
 SIGNED, SEALED AND DATED
 ELECTRONICALLY.

DATE PREPARED
 3/4/2026

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
CD	1B

COUNTY
 BOONE

JOB NO.
 JCD0125

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

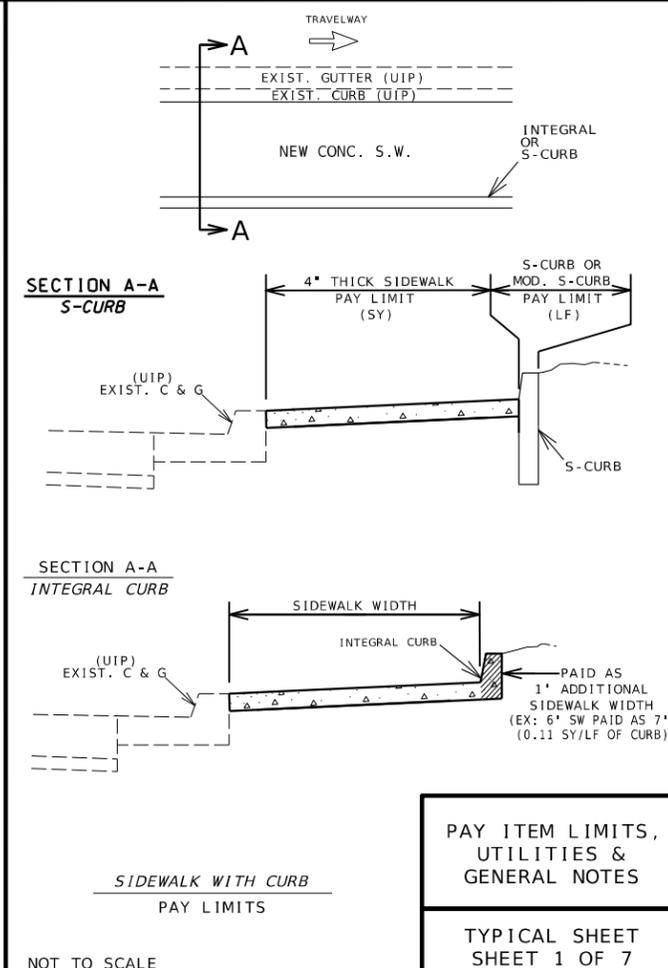
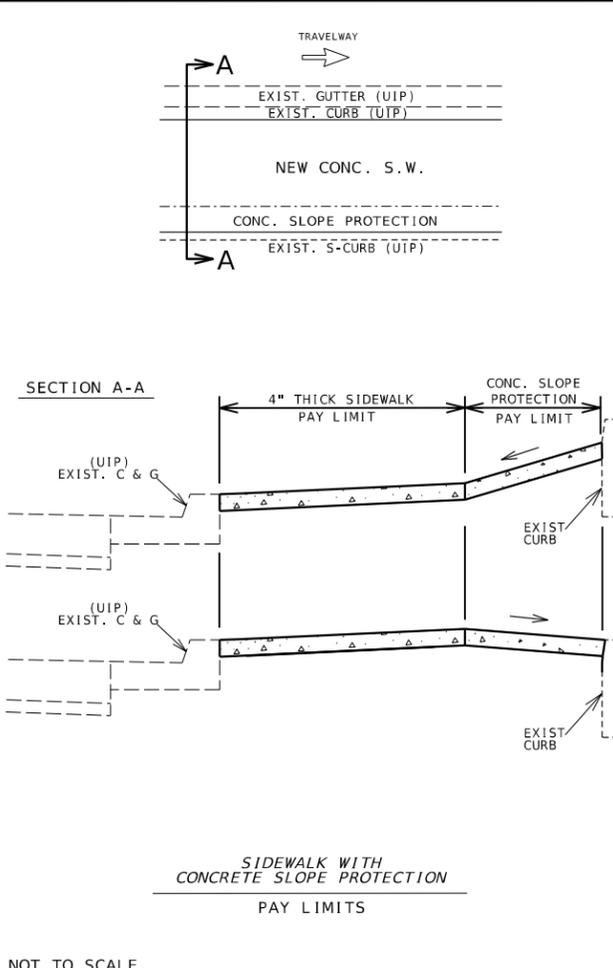
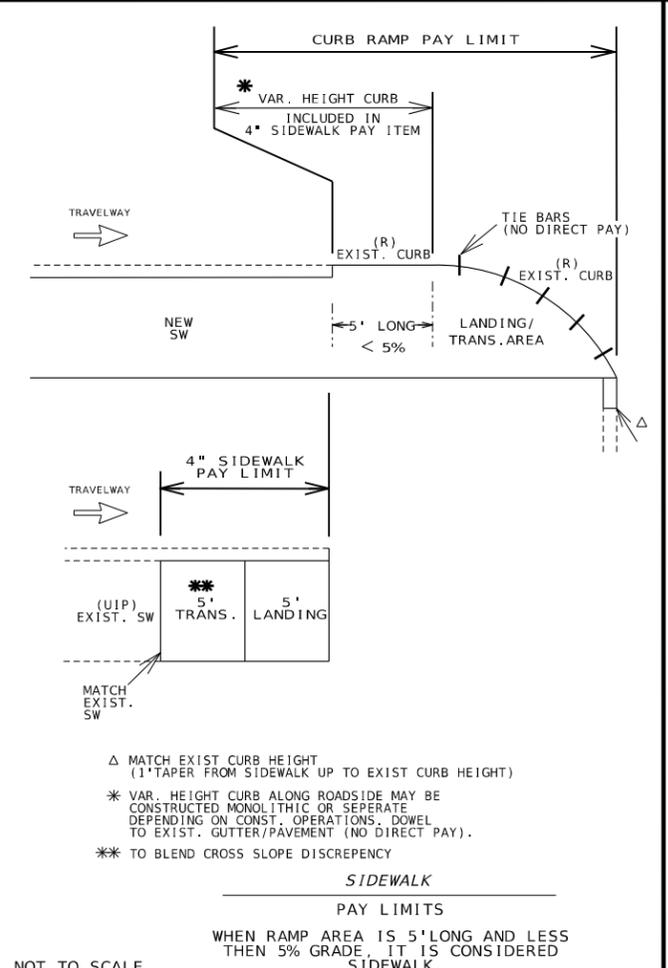
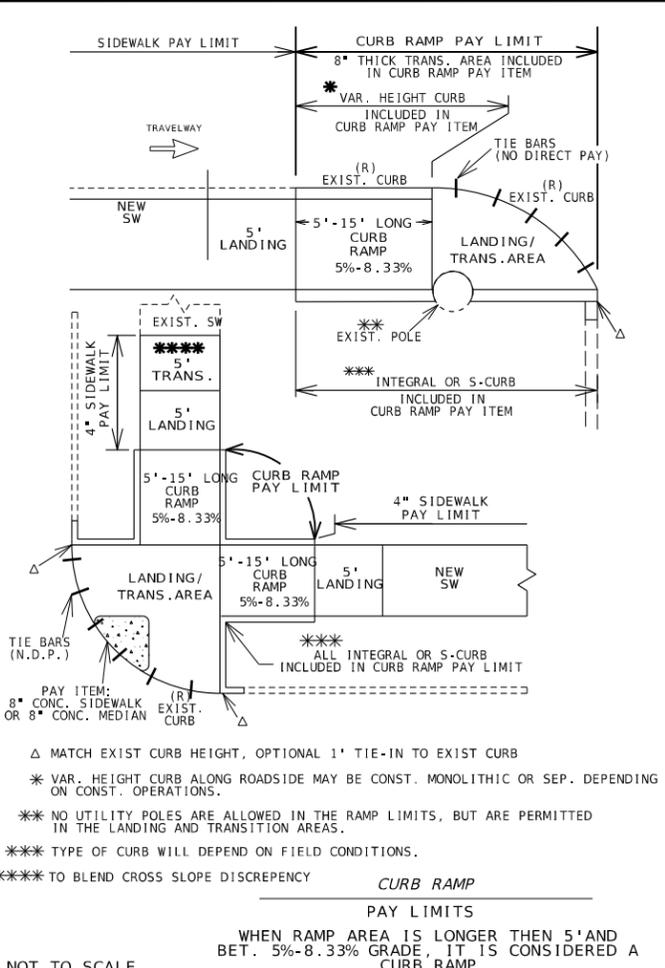
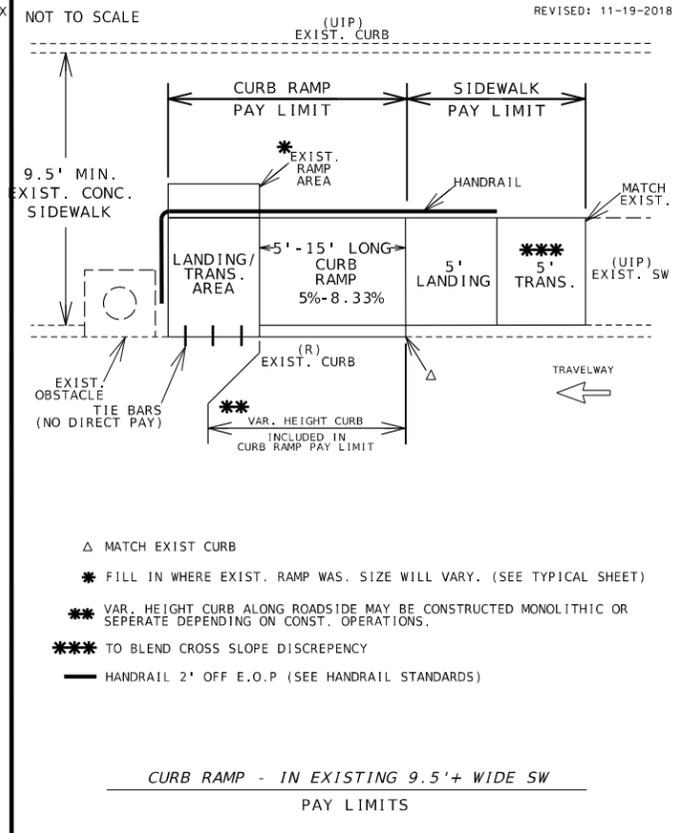
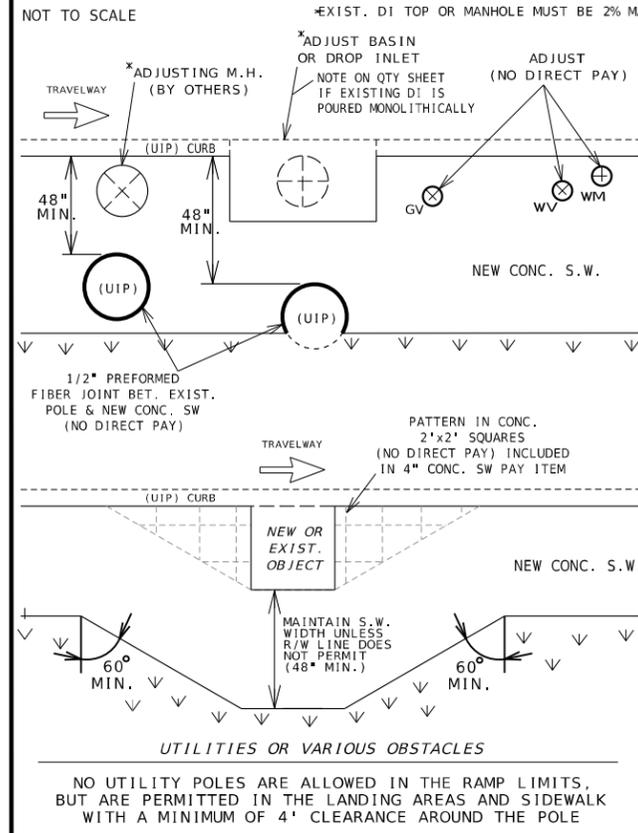
105 WEST CAPITOL
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 1-888-ASK-MODOT (1-888-275-6636)

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 engineers
 Inc
 planners**

7733 N. Wall Lake Ave., Kansas City, MO 64158 | 816.256-5153
 PRO. ENGINEER 201005873

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

- CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR DETAILS, SEE STANDARD PLAN 608 AND 609.
 - TINTED CONCRETE SHALL NOT BE USED UNLESS NOTED IN THESE PLANS. TRUNCATED DOMES SHALL BE OF A COLOR CONTRASTING WITH UNTINTED CONCRETE AND APPROVED BY THE ENGINEER. TRUNCATED DOMES ARE REQ'D. AT STREET INTERSECTIONS AND COMMERCIAL ENTRANCES WITH TRAFFIC CONTROL ONLY. (STOP/YIELD SIGNS OR SIGNALS)
 - ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE 4" THICK, WITH THE EXCEPTION OF THE BOTTOM TRANSITION WHICH TIES INTO THE EXISTING PAVED APPROACH AND ROADWAY. THIS TRANSITION, OR LANDING AREA, MUST BE 8" THICK IF IT FALLS WITHIN THE RADIUS OF THE APPROACH AND SITS AT THE BACK OF CURB OF THE ROADWAY. ALL CONCRETE CURB & GUTTER SHALL BE ON 4" TYPE 5 AGGREGATE BASE.
 - AGGREGATE BASE DENSITY - CONTRACTOR SHALL EXERCISE GOOD COMPACTIVE EFFORT AS APPROVED BY THE ENGINEER. DENSITY REQUIREMENTS BY NUCLEAR METHOD WILL NOT BE REQUIRED DUE TO WORK AREA CONSTRAINTS.
 - CONCRETE SIDEWALK - MATCH EXISTING ELEVATION AND CROSS SLOPE DIRECTION TO MAINTAIN EXISTING DRAINAGE PATTERNS. UNLESS NOTED OTHERWISE IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
WIDTH = 5' MIN. UNLESS NOTED OTHERWISE IN THE PLANS.
CROSS SLOPE = 1.5% PREFERRED (2% MAX.).
- CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
RUNNING SLOPE = 8.33% (MAX.) UNIFORMLY DOWN THE LENGTH OF THE RAMP.
- CONCRETE LANDING - WIDTH = TO MATCH PROPOSED CURB RAMP AND SIDEWALK WIDTH LENGTH = 5' MIN.
SLOPE IN ALL DIRECTIONS = 1.5% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
- ALL EXISTING UTILITIES SHALL BE USED IN PLACE UNLESS OTHERWISE NOTED. ALL MANHOLE OR VALVE COVER, ETC. ELEVATIONS SHALL BE ADJUSTED AS REQUIRED IF THEY ARE LOCATED WITHIN THE IMPROVEMENT AREA.
 - "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
 - REINFORCING STEEL TIE BARS SHALL BE IN ACCORDANCE WITH SECTION 706. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND USED AS APPROVED BY THE ENGINEER. WHERE TIE BARS ARE USED, THE CONCRETE SHALL BE 8" THICK (NO DIRECT PAY).
 - CONSTRUCTION AND LENGTH OF EACH CURB RAMP INCLUDING LANDINGS AND TRANSITION AREAS SHALL BE AS SHOWN ON THE PLANS UNLESS DIFFERING FIELD CONDITIONS ARE FOUND OR AS APPROVED BY THE ENGINEER. CURB RAMP CROSS SLOPES SHALL BE 1.5% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMP ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
 - SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMP OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
 - S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
 - SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MAX.



PAY ITEM LIMITS, UTILITIES & GENERAL NOTES

TYPICAL SHEET SHEET 1 OF 7

ERIC J. REINKEMEYER
NUMBER PE-200602846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

Consult
engineers
Inc.
planners

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

PERPENDICULAR - TYPE 1

REVISED: 07-16-2019

TYPE 1-A		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	-	10.0	12.0	-	10.0	12.0	-	10.0	12.0	
CURB RAMP	SY	-	8.2	9.6	-	10.8	12.7	-	13.5	15.8	
CONC. SIDEWALK	SY	-	5.6	6.4	-	5.6	6.4	-	4.9	6.4	
TYPE 1 AGGREGATE	SY	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING	LF	-	22.0	22.0	-	27.5	27.5	-	30.0	30.5	
SODDING	SY	-	5.8	5.7	-	6.8	6.9	-	7.5	7.9	

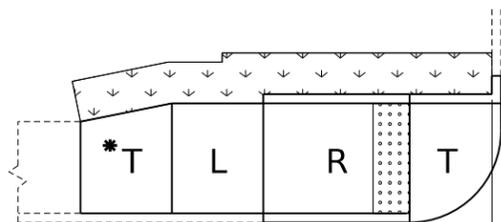
TYPE 1-B		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	-	22.0	24.0	-	22.0	24.0	-	22.0	24.0	
CURB RAMP	SY	-	10.9	13.1	-	13.6	16.3	-	16.2	19.3	
CONC. SIDEWALK	SY	-	5.6	6.3	-	5.6	6.4	-	4.9	5.7	
TYPE 1 AGGREGATE	SY	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING	LF	-	28.0	28.0	-	34.5	34.5	-	38.0	38.0	
SODDING	SY	-	7.4	7.8	-	8.4	8.7	-	9.1	9.5	

TYPE 1-C		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	-	10.0	12.0	-	10.0	12.0	-	10.0	12.0	
CURB RAMP	SY	-	8.8	10.3	-	11.5	13.4	-	14.1	16.5	
CONC. SIDEWALK	SY	-	5.6	6.4	-	5.6	6.4	-	4.9	5.7	
TYPE 1 AGGREGATE	SY	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING	LF	-	22.0	22.0	-	26.5	26.5	-	30.0	30.0	
SODDING	SY	-	11.5	11.7	-	13.5	13.5	-	15.0	15.2	

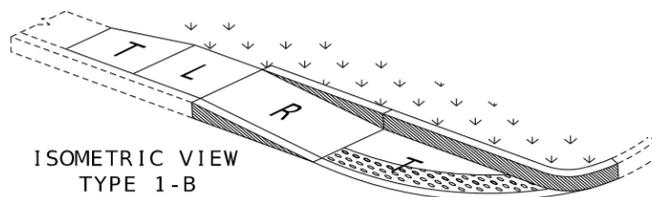
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LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	-	18.0	24.0	-	18.0	24.0	-	18.0	24.0	
CURB RAMP	SY	-	18.6	22.8	-	24.0	29.0	-	29.3	35.3	
CONC. SIDEWALK	SY	-	11.2	12.8	-	11.2	12.8	-	9.8	11.4	
TYPE 1 AGGREGATE	SY	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING	LF	-	42.0	50.0	-	57.0	61.0	-	67.0	72.0	
SODDING	SY	-	11.0	11.3	-	13.0	13.3	-	14.5	14.9	

TYPE 1-E		8			12			16			REMARKS
LENGTH (LF)	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	

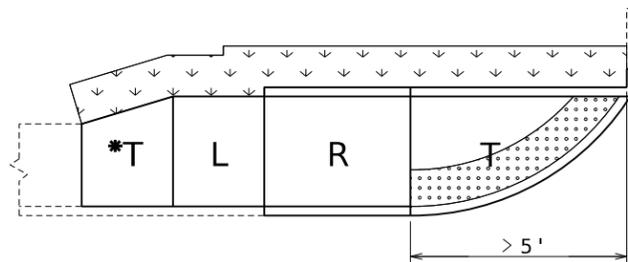
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LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES	SF	-	14.0	16.0	-	14.0	16.0	-	14.0	16.0	
CURB RAMP	SY	-	15.5	19.0	-	20.8	25.2	-	26.2	31.4	
CONC. SIDEWALK	SY	-	11.2	12.8	-	11.2	12.8	-	9.8	11.4	
TYPE 1 AGGREGATE	SY	-	-	-	-	-	-	-	-	-	
ADA LINEAR 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	



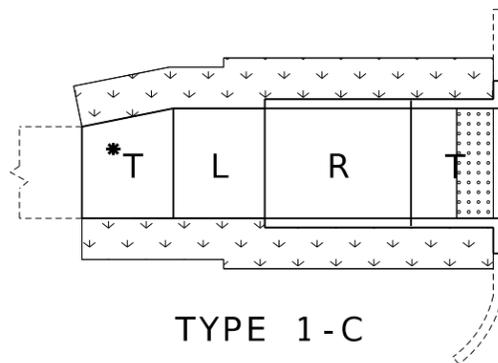
TYPE 1-A



ISOMETRIC VIEW
TYPE 1-B



TYPE 1-B



TYPE 1-C

T - IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS. PAID FOR AS CONCRETE CURB RAMP

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERRED AT PAVED APPROACH IF CONDITIONS ALLOW)

* - 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'

L - LANDING

R - RAMP

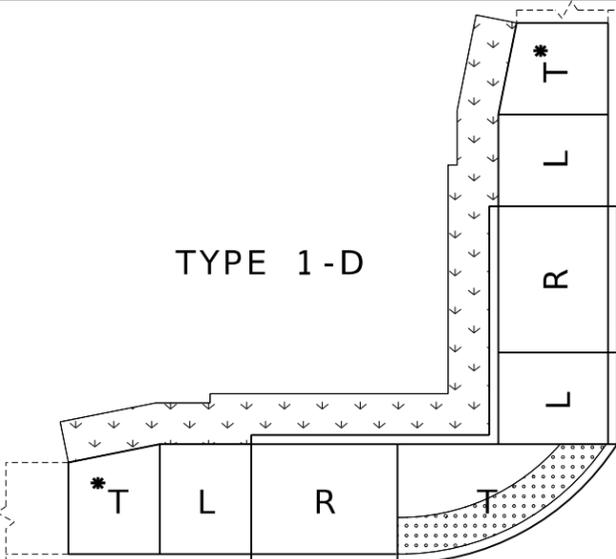
- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

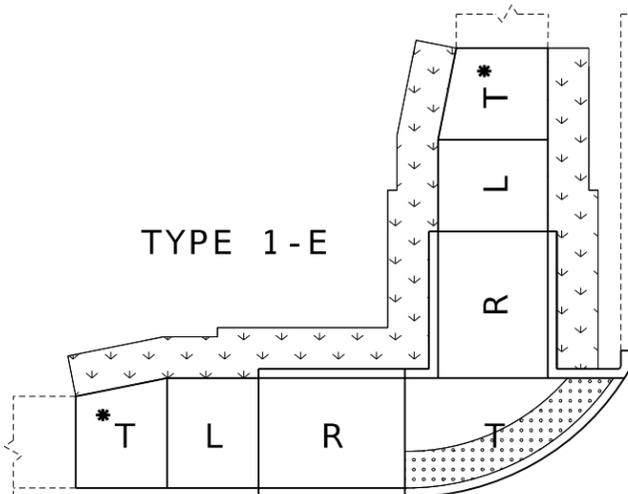
- TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

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

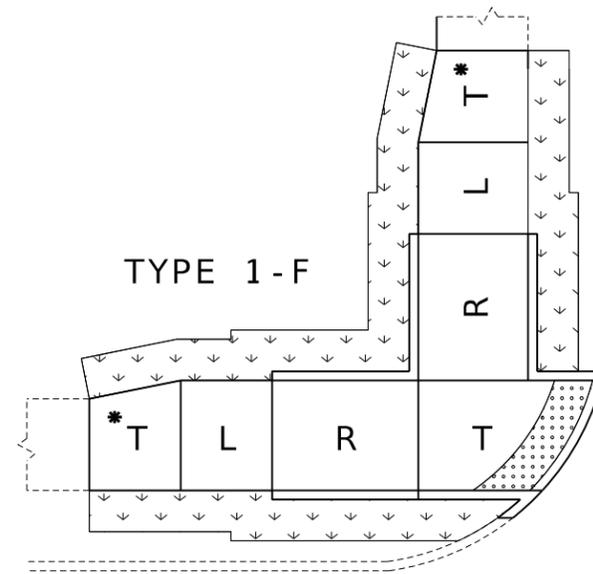
NOTE: QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS. TYPICALS AND DETAILS PROVIDED ARE FOR USE IN THE FIELD, SHOULD ADJUSTMENTS NEED TO BE MADE.



TYPE 1-D



TYPE 1-E

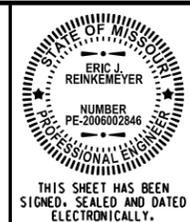


TYPE 1-F

NOT TO SCALE

TYPE 1
PERPENDICULAR
CURB RAMPS

TYPICAL SHEET
2 OF 7



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/4/2026

ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
CD 2

COUNTY
BOONE

JCD0125

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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MoDOT

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7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256.5153

HQ CONSULT, INC.
PRO. ENGINEER 2010005873

PARRALLEL - TYPE 2

TYPE 2-A		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	10.0	-	10.0	10.0	-	10.0	10.0	
CURB RAMP SY	-	9.1	10.6	-	11.8	13.7	-	14.4	16.8	-	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	-	
SODDING SY	-	8.0	8.3	-	8.6	8.8	-	9.6	9.8	-	

TYPE 2-B		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	-	
CURB RAMP SY	-	11.8	13.3	-	14.5	16.4	-	17.2	19.5	-	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	26.0	26.0	-	29.0	29.0	-	33.0	33.0	-	
SODDING SY	-	13.8	14.1	-	15.1	15.5	-	17.1	17.5	-	

TYPE 2-C		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	-	
CURB RAMP SY	-	16.4	18.7	-	21.7	24.9	-	27.0	31.2	-	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	-	
SODDING SY	-	12.3	12.5	-	13.6	13.9	-	15.6	15.9	-	

TYPE 2-D		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	-	
CURB RAMP SY	-	16.8	19.2	-	22.2	25.4	-	27.5	31.6	-	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	41.0	41.0	-	47.0	47.0	-	55.0	55.0	-	
SODDING SY	-	20.2	20.3	-	22.4	23.2	-	26.4	27.2	-	

TYPE 2-E		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	-	
CURB RAMP SY	-	10.8	11.5	-	13.2	14.4	-	15.7	17.3	-	
CONC. SIDEWALK SY	-	5.6	6.7	-	5.0	6.0	-	5.0	6.0	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	22.5	22.5	-	26.5	26.5	-	30.5	30.5	-	
SODDING SY	-	-	-	-	-	-	-	-	-	-	
HANDRAIL LF	-	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

TYPE 2-F		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	10.0	10.0	-	10.0	10.0	-	10.0	10.0	-	
CURB RAMP SY	-	15.5	17.1	-	20.4	23.1	-	25.5	28.9	-	
CONC. SIDEWALK SY	-	11.2	13.4	-	10.0	12.0	-	10.0	12.0	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	39.0	39.0	-	47.0	47.0	-	55.0	55.0	-	
SODDING SY	-	-	-	-	-	-	-	-	-	-	
HANDRAIL LF	-	-	-	-	-	-	-	-	-	-	SEE STANDARDS FOR LENGTH

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.

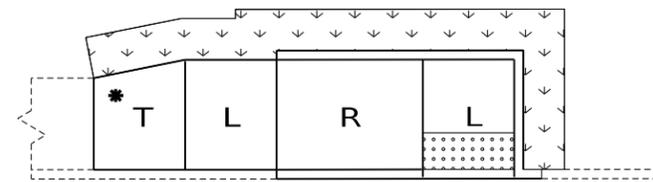
** 3.5' LANDING EXTENSION REQ'D.
FOR INSTALLATION OF FUTURE OR NEW
PED. PUSH BUTTON

NOTE: SEE STANDARDS FOR ALL PED.
PUSH BUTTON LOCATIONS

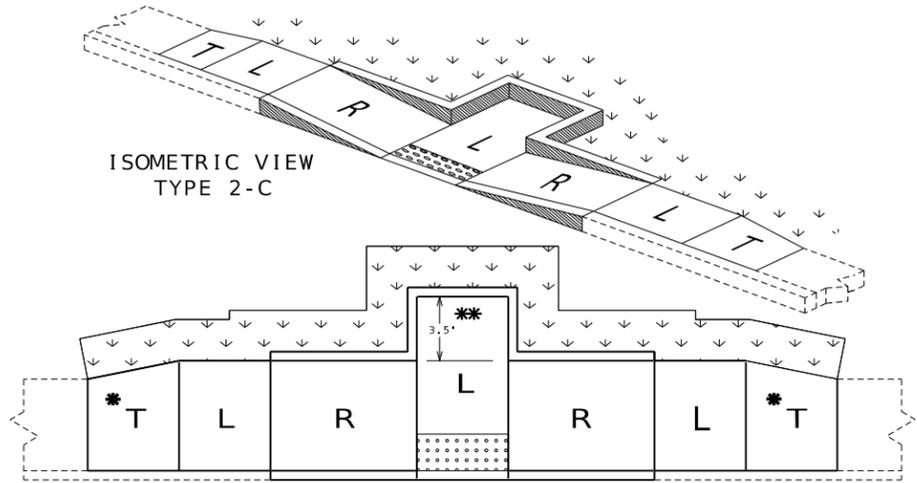
☐ - TRUNCATED DOME

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

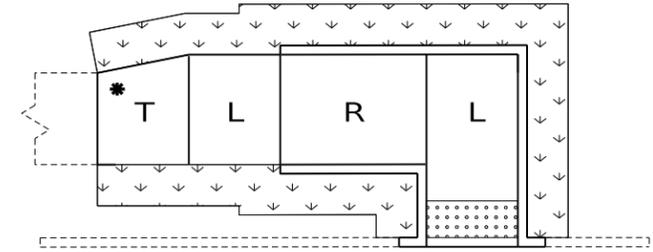
- T - TRANSITION TO EXISTING SW
- * - T IS STILL NEEDED EVEN IF THE
EXISTING SIDEWALK IS THE SAME
WIDTH AS THE NEW SIDEWALK. (IT
WILL BLEND THE EXIST XSLOPE
INTO THE NEW LANDING XSLOPE)
TRANSITION SHOULD BE DONE OVER 5'
- L - LANDING
- R - RAMP
- ☐ - SOD SLOPE 6:1 MIN.
- ▨ - CURB RAMP PAY LIMITS



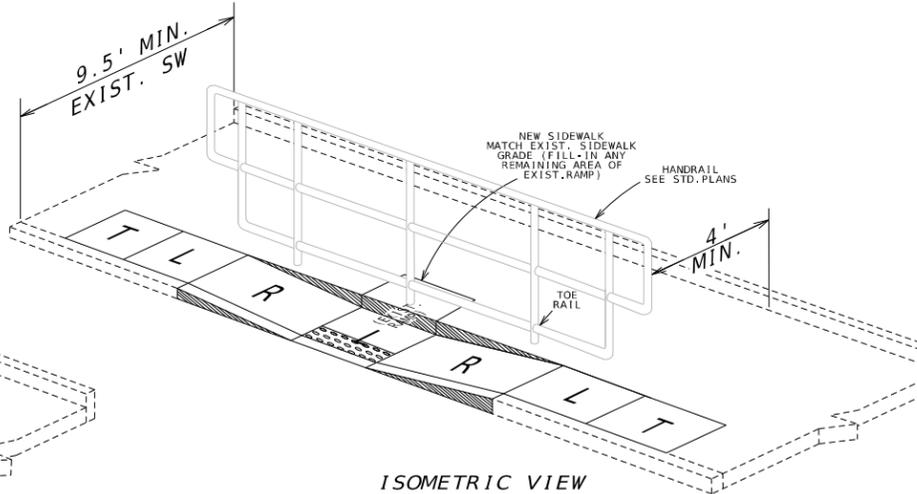
TYPE 2-A



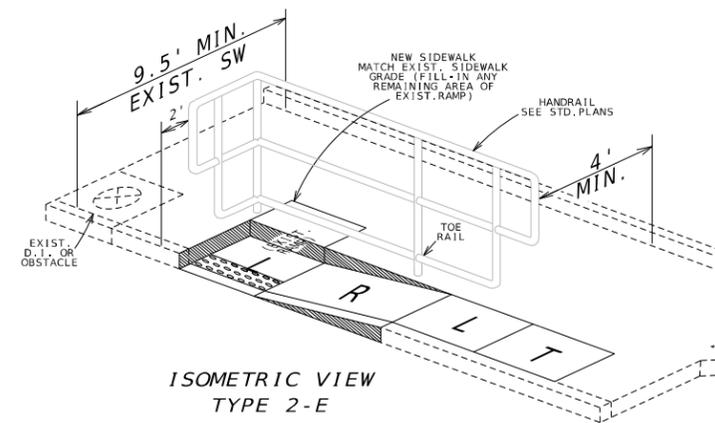
ISOMETRIC VIEW
TYPE 2-C



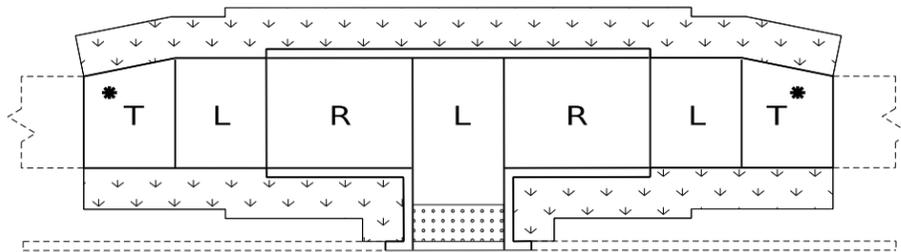
TYPE 2-B



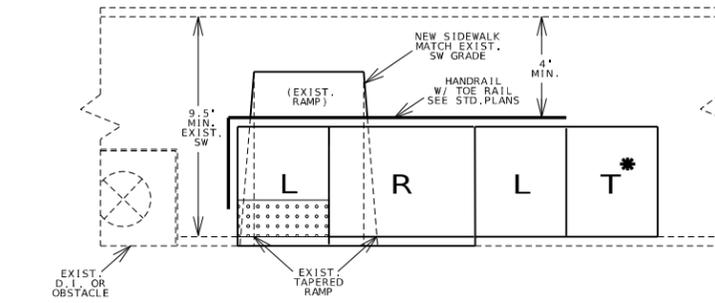
ISOMETRIC VIEW
TYPE 2-F



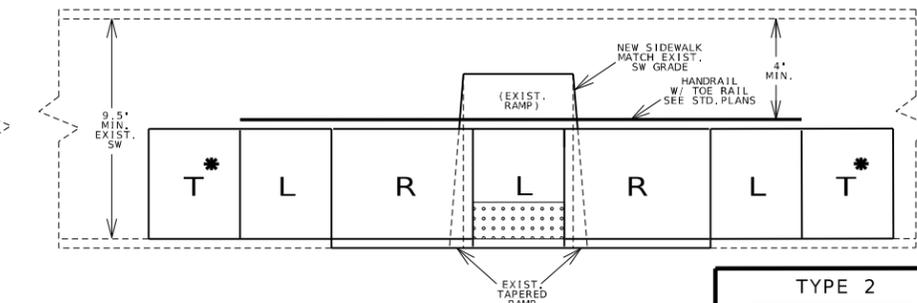
ISOMETRIC VIEW
TYPE 2-E



TYPE 2-D



TYPE 2-E



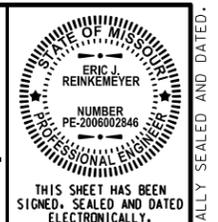
TYPE 2-F

USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN
EXIST. D.I. OR OTHER OBSTACLE
SEE STANDARDS FOR HANDRAIL SPECS

SEE STANDARDS FOR HANDRAIL SPECS

TYPE 2
PARALLEL
CURB RAMPS

TYPICAL SHEET
3 OF 7



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
3/4/2026

ROUTE VAR. MO
DISTRICT CD SHEET NO. 2

COUNTY BOONE
JOB NO. JCD0125
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Consult engineers Inc planners

7733 N. Woll Lane, Suite 100, Kansas City, MO 64158 | 816.256.5153
HG CONSULT, INC.
PRO. ENGINEER 2010005873

PARRALLEL - TYPE 2 (cont'd.)

REVISED: 02-22-2017

TYPE 2-G											
LENGTH (LF)	WIDTH (LF)	8			12			16			REMARKS
		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	
SODDING	SY	-	13.6	13.6	-	13.7	13.5	-	14.5	14.9	

TYPE 2-H											
LENGTH (LF)	WIDTH (LF)	8			12			16			REMARKS
		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	

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.

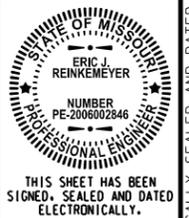
⋮ - TRUNCATED DOME LOCATION IF DIST. IS < 5' OR > 5'

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.



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/4/2026

ROUTE: VAR. STATE: MO

DISTRICT: CD SHEET NO.: 2

COUNTY: BOONE

JOB NO.: JCD0125

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

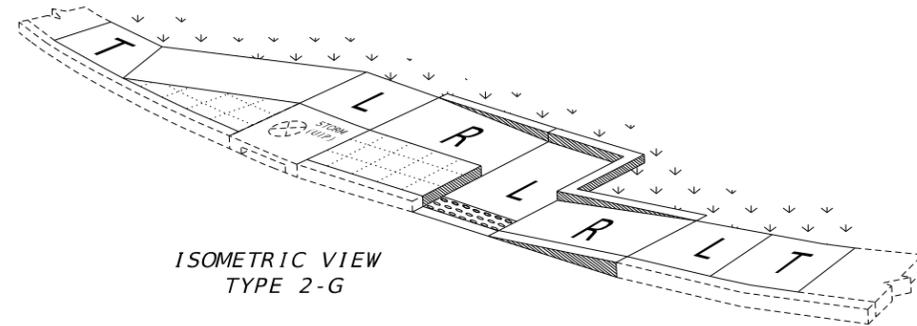
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

MoDOT logo

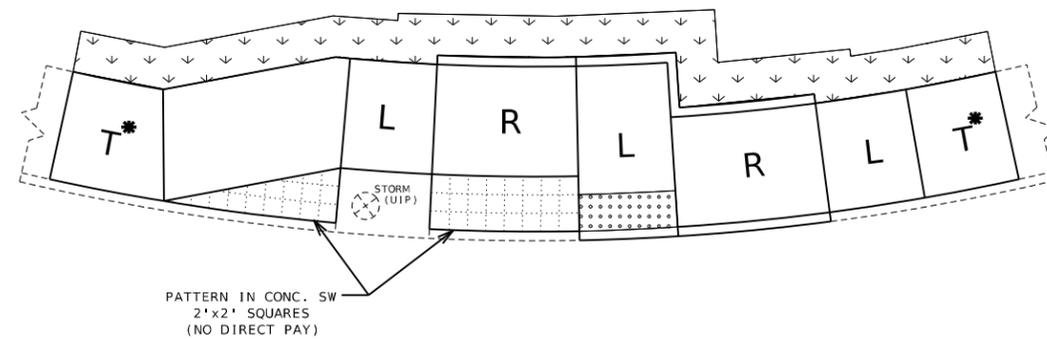
consult engineers inc planners logo

7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256-5153

HQ CONSULT, INC. PRO. ENGINEER 2010005873

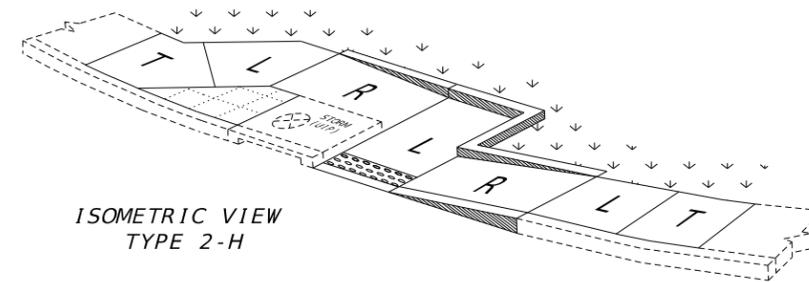


ISOMETRIC VIEW TYPE 2-G

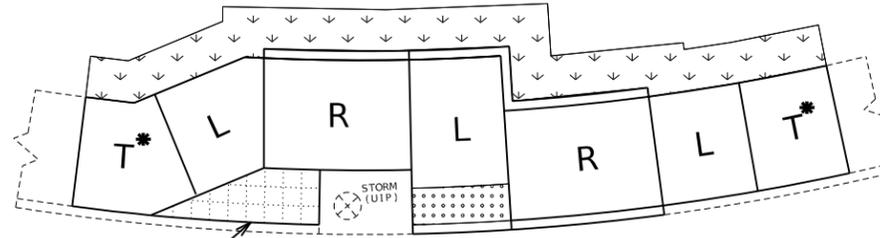


PATTERN IN CONC. SW 2'x2' SQUARES (NO DIRECT PAY)

TYPE 2-G



ISOMETRIC VIEW TYPE 2-H



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

TYPE 2-H

TYPE 2
PARALLEL
CURB RAMPS
TYPICAL SHEET
4 OF 7

NOT TO SCALE

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

DIAGONAL - TYPE 3

TYPE 3-A		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	24.0	28.0	-	20.6	25.0	-	20.6	25.0	-	
CURB RAMP SY	-	24.4	27.0	-	26.9	31.2	-	32.2	37.4	-	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	51.0	51.0	-	59.0	59.0	-	67.0	67.0	-	
SODDING SY	-	11.6	11.4	-	12.9	12.9	-	14.9	14.9	-	
8" SW OR MED STRIP SY	-	3.0	2.2	-	3.0	2.2	-	3.0	2.2	-	

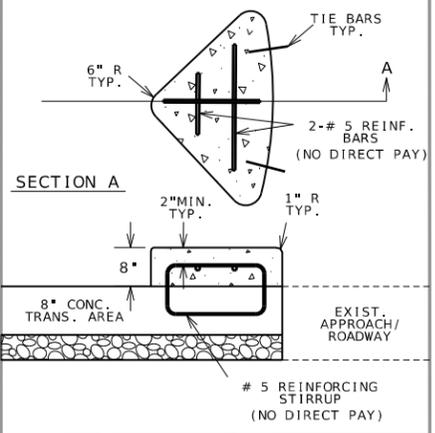
TYPE 3-B		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	24.0	28.0	-	20.6	25.0	-	20.6	25.0	-	
CURB RAMP SY	-	22.0	26.3	-	25.9	31.2	-	31.2	37.4	-	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	51.0	51.0	-	59.0	59.0	-	67.0	67.0	-	
SODDING SY	-	15.2	15.3	-	17.1	17.5	-	20.1	20.5	-	
8" SW OR MED STRIP SY	-	1.5	1.5	-	1.5	1.5	-	1.5	1.5	-	

TYPE 3-C		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	20.0	24.0	-	20.0	24.0	-	20.0	24.0	-	
CURB RAMP SY	-	20.7	26.8	-	25.1	31.5	-	30.4	37.7	-	
CONC. SIDEWALK SY	-	11.2	12.8	-	9.8	11.4	-	9.8	11.4	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	51.0	51.0	-	58.0	58.0	-	67.0	67.0	-	
SODDING SY	-	18.8	19.3	-	21.3	22.1	-	25.3	26.1	-	
8" SW OR MED STRIP SY	-	1.0	1.6	-	1.0	1.6	-	1.0	1.6	-	

TYPE 3-D		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	24.0	28.0	-	22.4	26.5	-	22.4	26.5	-	
CURB RAMP SY	-	15.9	19.1	-	17.7	21.4	-	20.4	24.5	-	
CONC. SIDEWALK SY	-	5.6	6.4	-	4.9	5.7	-	4.9	5.7	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	31.0	31.0	-	34.0	34.0	-	38.0	38.0	-	
SODDING SY	-	12.6	12.9	-	13.5	14.0	-	15.5	16.0	-	
8" SW OR MED STRIP SY	-	1.0	0.8	-	1.0	0.8	-	1.0	0.8	-	

TYPE 3-E		8			12			16			REMARKS
LENGTH (LF)	WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	-	20.0	24.0	-	20.0	24.0	-	20.0	24.0	-	
CURB RAMP SY	-	17.2	19.8	-	17.7	21.4	-	20.4	24.5	-	
CONC. SIDEWALK SY	-	8.4	10.7	-	7.3	9.4	-	7.3	9.4	-	
TYPE 1 AGGREGATE SY	-	-	-	-	-	-	-	-	-	-	
ADA LINEAR GRADING LF	-	30.0	30.0	-	35.5	35.5	-	39.5	39.5	-	
SODDING SY	-	12.4	12.4	-	12.9	13.3	-	14.9	15.3	-	
8" SW OR MED STRIP SY	-	1.6	1.6	-	1.6	1.6	-	1.6	1.6	-	

- DETAIL -
8" SIDEWALK OR 8" MEDIAN STRIP



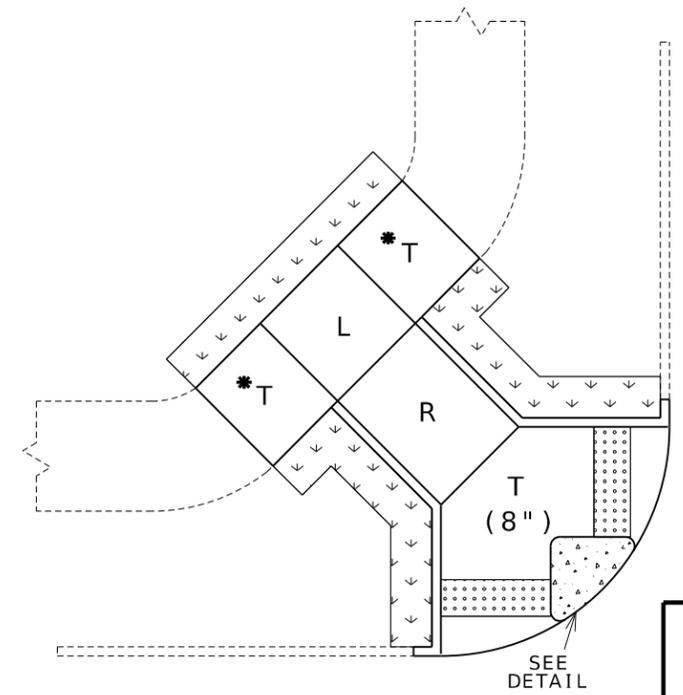
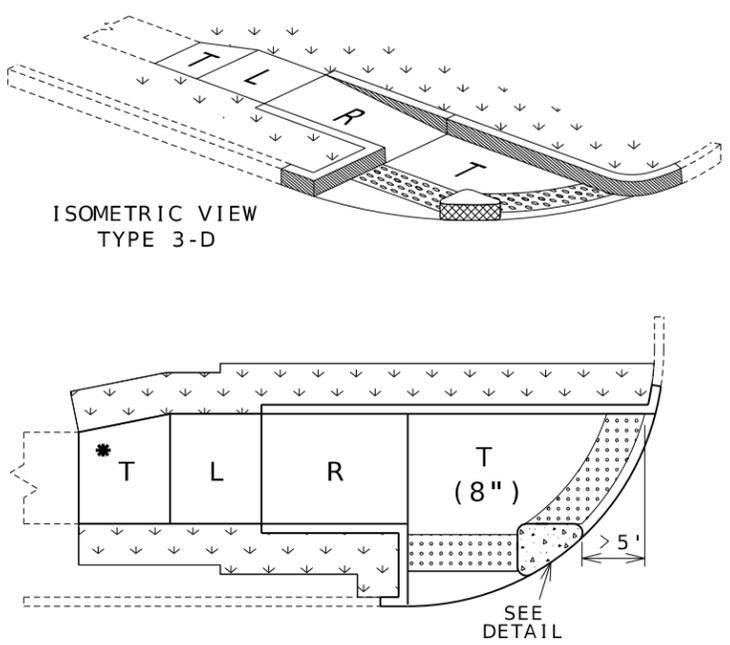
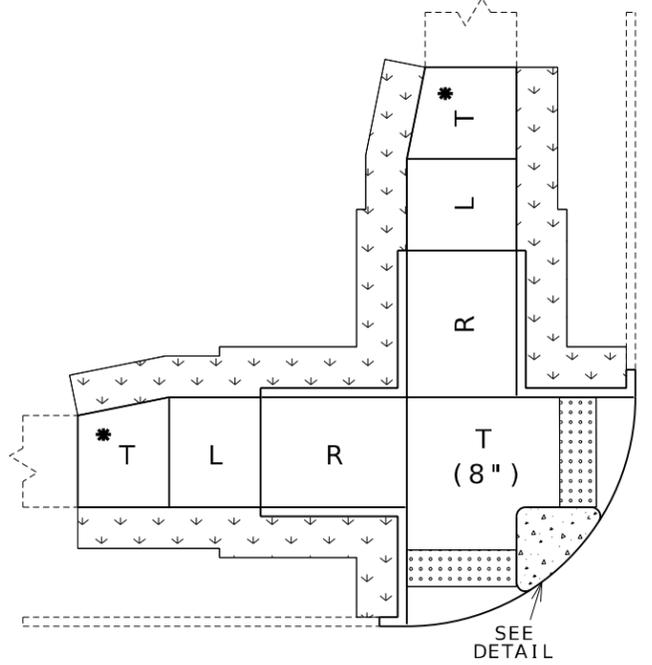
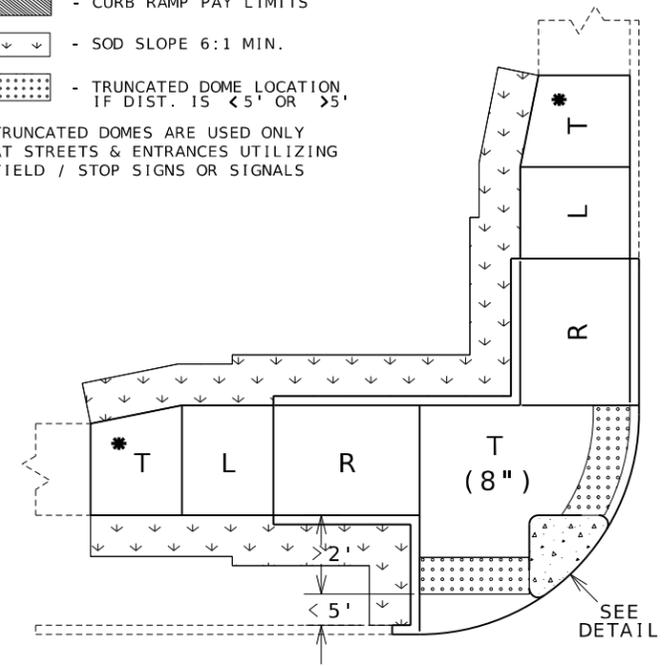
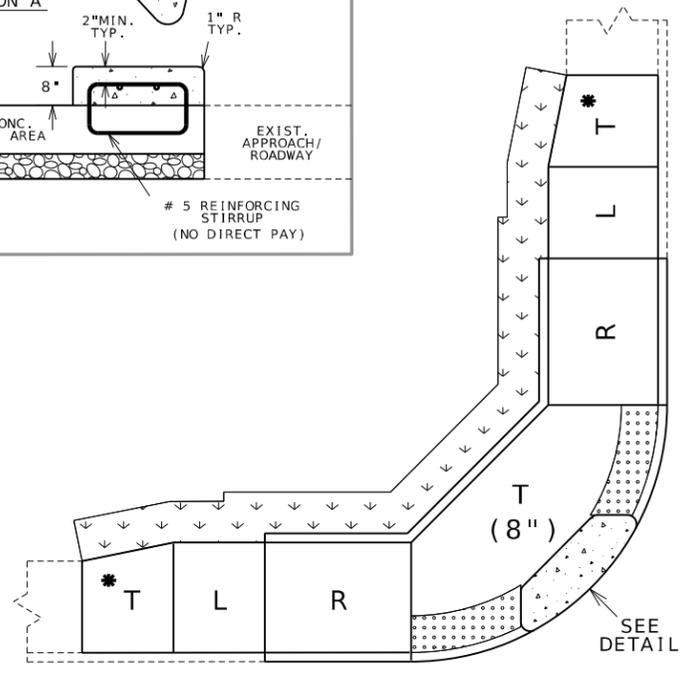
T - IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS. PAID FOR AS CONCRETE CURB RAMP

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.

- T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERRED IF CONDITIONS ALLOW)
- T* - IS STILL NEEDED EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK (IT WILL BLEND THE EXIST XSLOPE WITH THE NEW LANDING XSLOPE) TRANSITION SHOULD BE DONE OVER 5'
- L - LANDING
- R - RAMP

- CURB RAMP PAY LIMITS
- 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



TYPE 3
DIAGONAL
CURB RAMPS
TYPICAL SHEET
5 OF 7

ERIC J. REINKMEYER
NUMBER PE-200602846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	DATE
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	

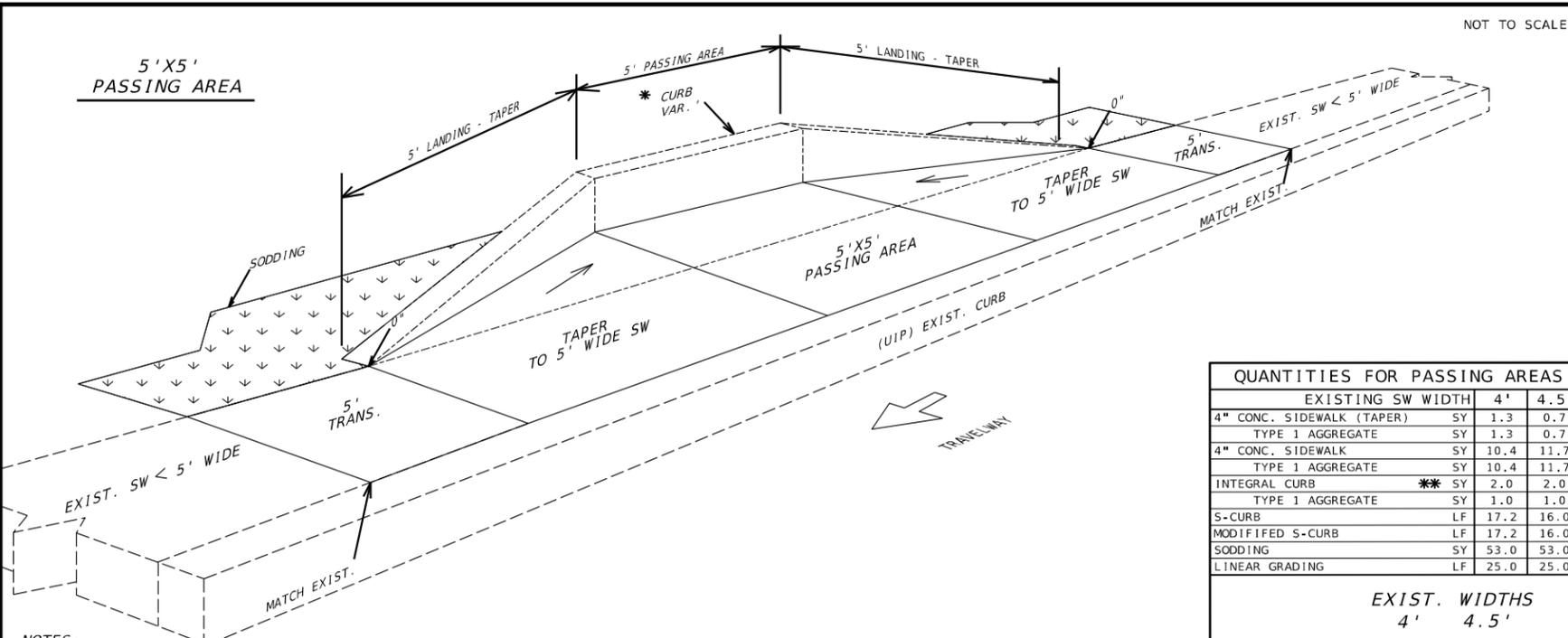
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Consult
engineers
Inc
planners

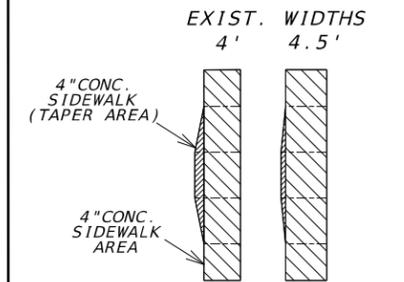
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HG CONSULT, INC.
PRO. ENGINEER 2010005873

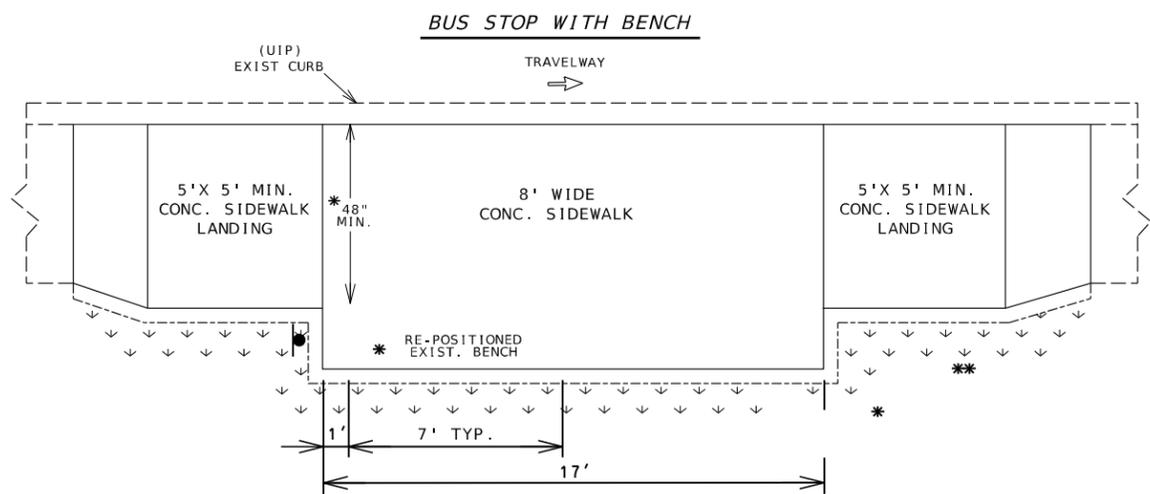
NOT TO SCALE



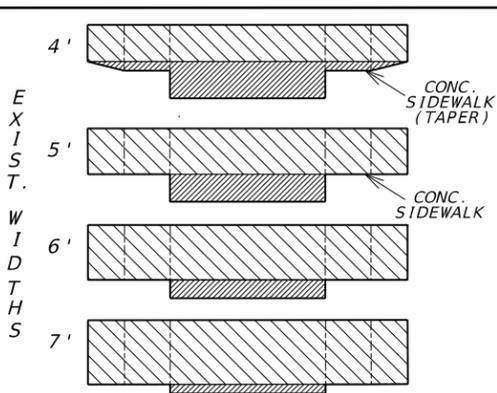
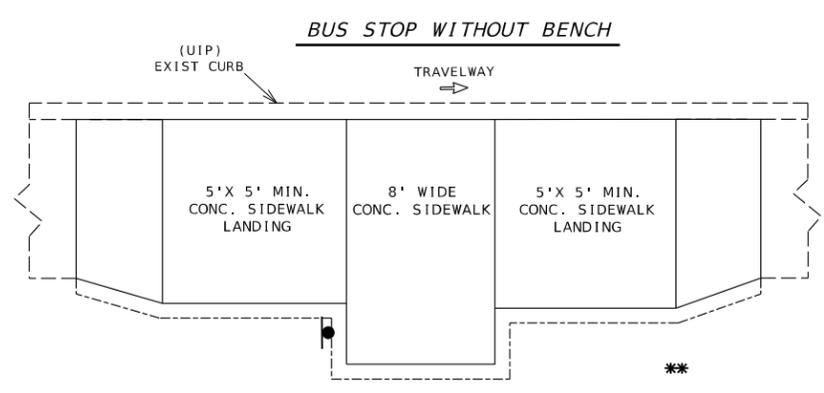
		4'	4.5'
EXISTING SW WIDTH		4'	4.5'
4" CONC. SIDEWALK (TAPER)	SY	1.3	0.7
TYPE 1 AGGREGATE	SY	1.3	0.7
4" CONC. SIDEWALK	SY	10.4	11.7
TYPE 1 AGGREGATE	SY	10.4	11.7
INTEGRAL CURB	** SY	2.0	2.0
TYPE 1 AGGREGATE	SY	1.0	1.0
S-CURB	LF	17.2	16.0
MODIFIED S-CURB	LF	17.2	16.0
SODDING	SY	53.0	53.0
LINEAR GRADING	LF	25.0	25.0



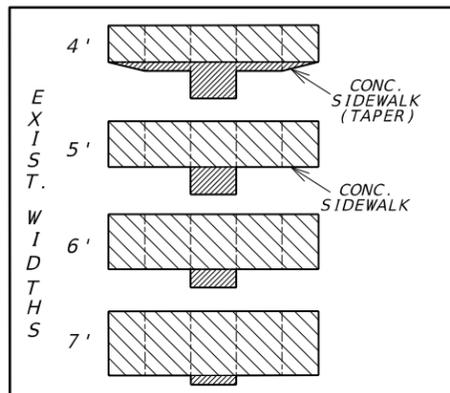
- NOTES:**
- PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
 - CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
 - S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
 - INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM, PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6' SW PAID AS 7') (0.11 SY/LF OF CURB)
 - TYPICALS AND DETAILS PROVIDED ARE FOR USE IN THE FIELD, SHOULD ADJUSTMENTS NEED TO BE MADE.



- NOTES:**
- THE RE-POSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX. CLEARANCE.
 - CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
 - S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
 - INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. INTEGRAL CURB PAID AS 1' ADDITIONAL SIDEWALK WIDTH. (EX. 6'SW PAID AS 7') (0.11 SY/LF OF CURB)
 - TYPICALS AND DETAILS PROVIDED ARE FOR USE IN THE FIELD, SHOULD ADJUSTMENTS NEED TO BE MADE.



		4'	5'	6'	7'
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	9.3	5.8	3.9	1.9
TYPE 1 AGGREGATE	SY	9.3	5.8	3.9	1.9
4" CONC. SIDEWALK	SY	16.5	20.4	24.3	28.2
TYPE 1 AGGREGATE	SY	16.5	20.4	24.3	28.2
INTEGRAL CURB	** SY	5.4	3.4	3.2	2.9
TYPE 1 AGGREGATE	SY	2.7	1.7	1.6	1.5
S-CURB	LF	43.5	27.0	25.0	23.0
MODIFIED S-CURB	LF	43.5	27.0	25.0	23.0
SODDING	SY	10.6	10.4	9.8	9.4
LINEAR GRADING	LF	37.0	37.0	37.0	37.0



		4'	5'	6'	7'
EXISTING SW WIDTH		4'	5'	6'	7'
4" CONC. SIDEWALK (TAPER)	SY	3.9	1.8	1.3	0.7
TYPE 1 AGGREGATE	SY	3.9	1.8	1.3	0.7
4" CONC. SIDEWALK	SY	10.4	12.9	15.5	18.0
TYPE 1 AGGREGATE	SY	10.4	12.9	15.5	18.0
INTEGRAL CURB	** SY	3.8	2.0	1.8	1.6
TYPE 1 AGGREGATE	SY	1.9	1.0	0.9	0.8
S-CURB	LF	31.0	15.0	13.0	11.0
MODIFIED S-CURB	LF	31.0	15.0	13.0	11.0
SODDING	SY	7.6	7.4	6.8	6.4
LINEAR GRADING	LF	25.0	25.0	25.0	25.0

PASSING AREAS,
BUS STOPS, AND
MODIFIED S-CURB

TYPICAL SHEET
7 OF 7

ERIC J. REINKEMEYER
NUMBER PE-200602846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/4/2026

ROUTE: VAR. STATE: MO
DISTRICT: CD SHEET NO.: 2

COUNTY: BOONE
JOB NO.: JCD0125
CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

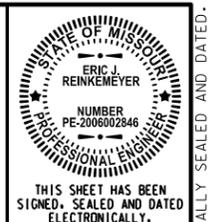
CONSULT ENGINEERS INC. PLANNERS
7733 N. Woll Lane, Kansas City, MO 64151-1616 256-5153

CONSULT ENGINEERS INC. PLANNERS

CONCRETE CURB AND GUTTER									
SHEET	STA	STA	INTERSECTING SIDEROAD	ROUTE	LOCATION	TYPE A (INTEGRAL) CURB (LF)	TYPE E (INTEGRAL) LOW PROFILE CURB (LF)	TYPE B CURB AND GUTTER (LF)	4" TYPE 5 AGGREGATE FOR BASE (SY)
5	25+31	25+41	VANDIVER DR.	RTE 763	SW			10	3
6	36+31		ELLETA BLVD.	RTE 763	W			10	3
8, 9, & 14	420+89	421+53	CREEKWOOD PKWY.	ROUTE PP	N			72	24
9 & 14	421+53	421+82	CREEKWOOD PKWY.	ROUTE PP	N	67	75		
9, 10, & 14	422+32	423+28	CREEKWOOD PKWY.	ROUTE PP	N			170	57
12	430+97	431+02	CREEKWOOD PKWY.	ROUTE PP	S			11	4
12	430+26	431+33	CREEKWOOD PKWY.	ROUTE PP	S			11	4
16	183+42	183+51	GREEN MEADOWS	RTE 163	NE			14	5
16	183+46	183+80	GREEN MEADOWS	RTE 163	NW MED.			81	
16	183+60	183+80	GREEN MEADOWS	RTE 163	NE MED.			45	
16	184+39	184+64	GREEN MEADOWS	RTE 163	SW MED.			102	
16	184+41	184+63	GREEN MEADOWS	RTE 163	SE MED.			53	
17	205+58	205+81	ROUTE AC	RTE 163	NW			35	10
17	207+17	207+32	ROUTE AC	RTE 163	SW			19	6
18	244+57	244+69	SOUTHAMPTON	RTE 163	NW			14	5
18	244+69	244+84	SOUTHAMPTON	RTE 163	NE			19	6
PAY TOTALS:						67.0	75.0	666.0	127.0

MISC. (ADJUST WATER VALVE)					
SHEET	STA	INTERSECTING SIDEROAD	ROUTE	LOCATION	EACH
4	25+34	VANDIVER DR.	RTE 763	SW	1
PAY TOTALS:					1

SIGNING														
SHEET	STATION	ROUTE	INTERSECTING SIDEROAD	LOCATION	SIGN NUMBER	SIGN DESIGNATION	QTY	SIGN AREA	POST NO. 1	2 - INCH POST ANCHORS				REMARKS
										TOTAL	DRIVEN 12 GA.	DRIVEN 7 GA.	CONCRETE 7 GA.	
					#		EA	SF	LF	9031270A	9031271A	9031273A	9031274	
9	422+07	ROUTE PP	CREEKWOOD PKWY.	MED.	1	R4-7 (24" X 30")	1	5	12	12			1	
9	421+52	ROUTE PP	CREEKWOOD PKWY.	NE	2	RELOC	1		14	14		1		RELOC. EXIST. YIELD SIGN W/ NEW POST AND FOOTING
9	422+77	ROUTE PP	CREEKWOOD PKWY.	NW	3	RELOC	1		14	14		1		
PAY TOTALS:							5			40	0	2	1	



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

3/4/2026

ROUTE VAR. MO
DISTRICT SHEET NO. CD 3
COUNTY BOONE
JOB NO. JCD0125
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

consult engineers inc planners

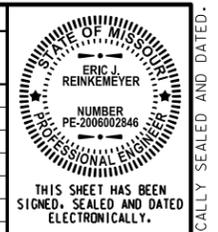
7733 N. Wall Lake Ave., Kansas City, MO 64158 | 816.256-5153

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

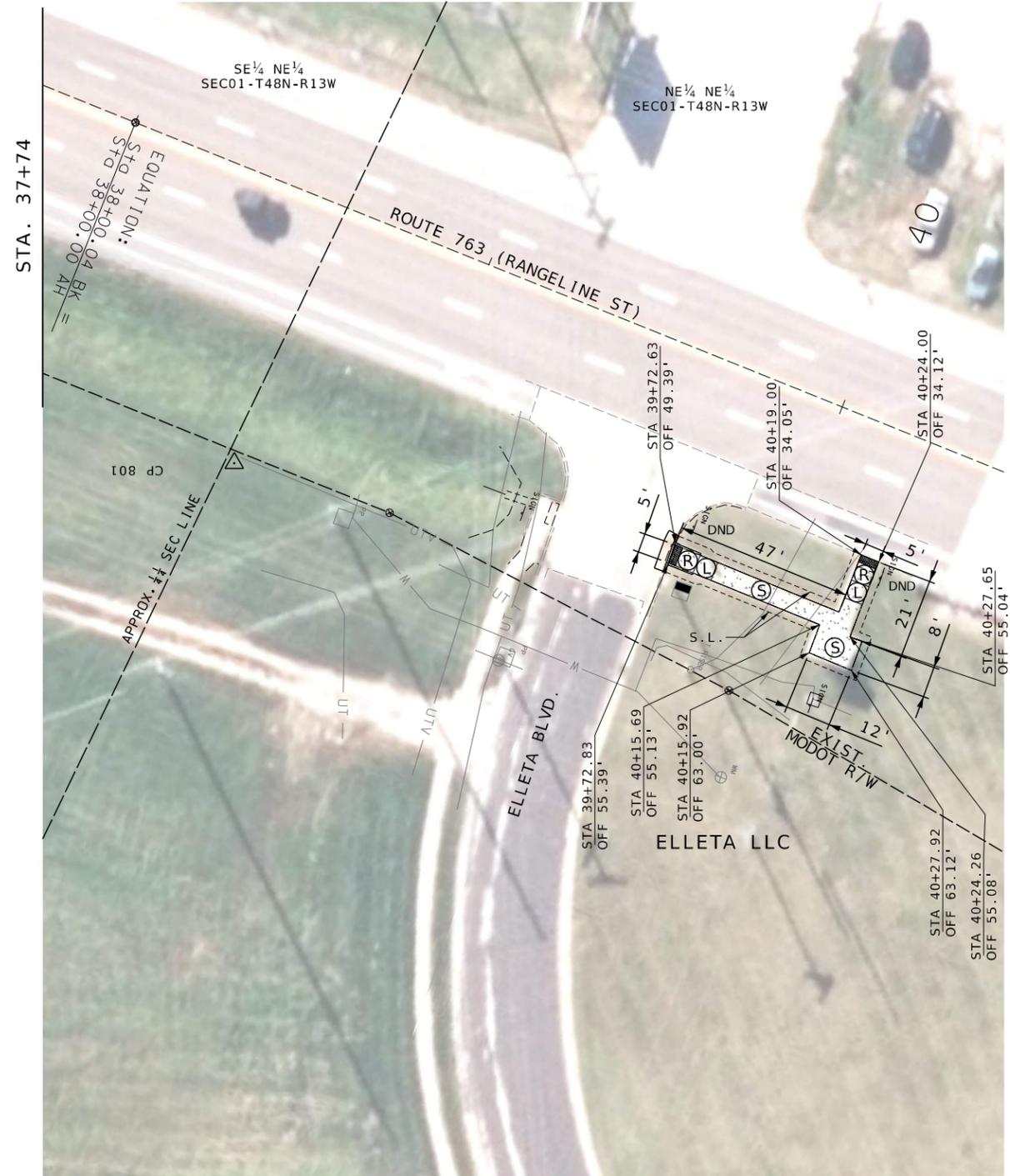
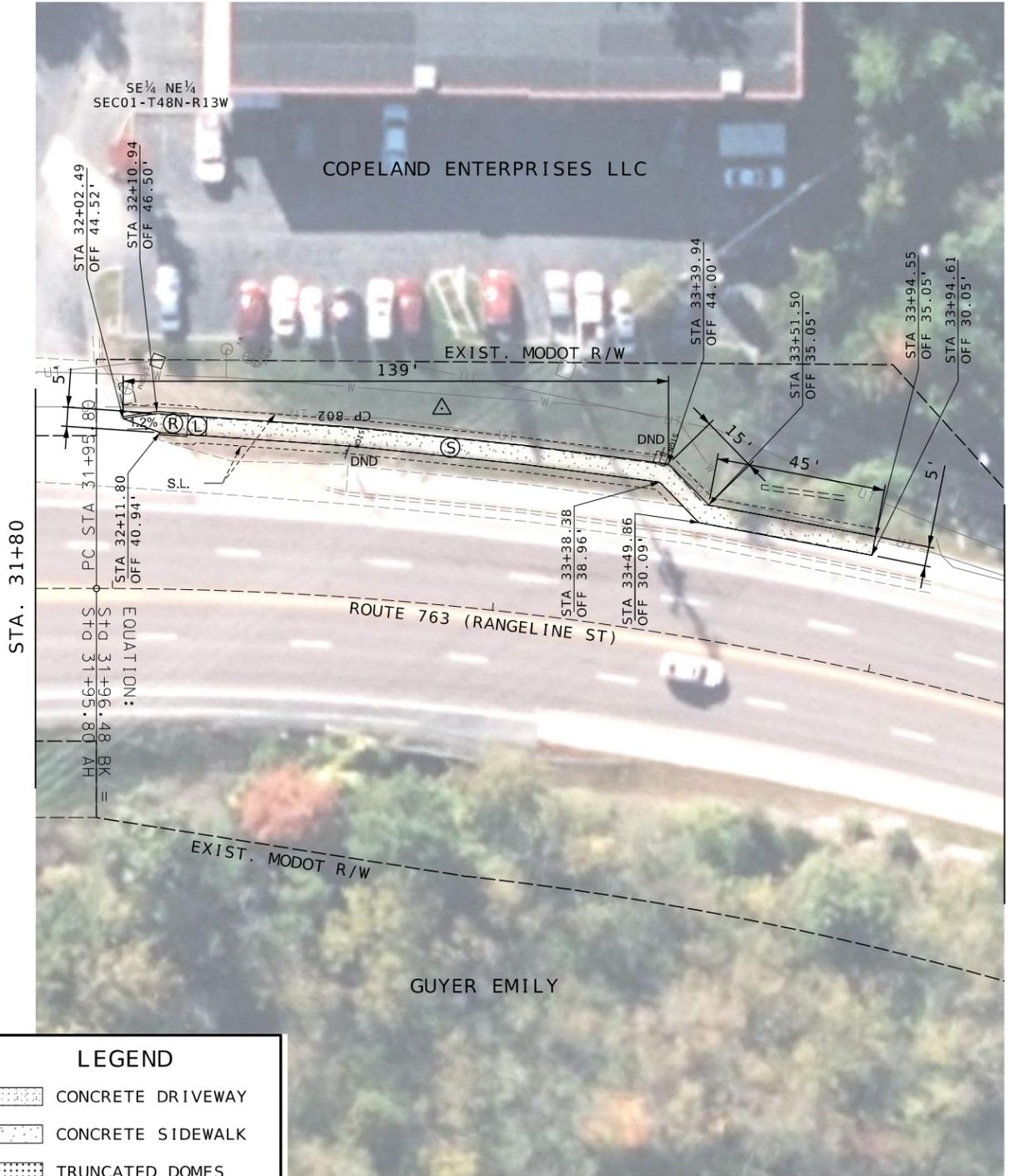
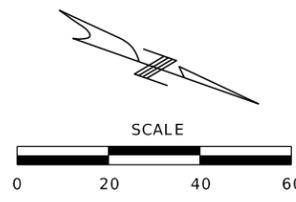
SUMMARY OF QUANTITIES
SHEET 4 OF 7

WARNING SIGNS										GUIDE SIGNS										EFFECTIVE: 07-01-2025		
SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION		SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION		ITEM	TOTAL	DESCRIPTION
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.				IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.				NUMBER	QTY	
W01-1L	48X48	16.00						TURN (SYMBOL LEFT)		E05-1	36X48	12.00						GORE EXIT		6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT)		E05-2	48X36	12.00						EXIT OPEN		6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT)		E05-2a	48X36	12.00						EXIT CLOSED		6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT)		GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES		6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)		GO20-2	48X24	8.00	2	16.00			26	END ROAD WORK		6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)		GO20-4	36X18	4.50						PILOT CAR FOLLOW ME		6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)		GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW		6122020		REPLACEMENT SAND BARREL
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)		GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW		6122030		IMPACT ATTENUATOR (RELOCATION)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)		GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)		6122040		WORK ZONE CRASH CUSHION (NARROW)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)		MO4-8a	24X18	3.00						END DETOUR		6122041		WORK ZONE CRASH CUSHION (RELOCATION)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)		MO4-9L	48X36	12.00						DETOUR (LEFT)		6123001	1	TRUCK MOUNTED ATTENUATOR (TMA)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)		MO4-9R	48X36	12.00						DETOUR (RIGHT)		6161012		BUOYS (BOATS KEEP OUT)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)		MO4-9P	48X12	4.00						STREET NAME (PLAQUE)		6161013		BUOYS (NO WAKE)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)		MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)		6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)		MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)		6161020		CHANNELIZER (DRUM-LIKE)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)		REGULATORY SIGNS										6161022		CHANNELIZER (CONE)
W01-8	18X24	3.00						CHEVRON (SYMBOL)		R1-1	48X48	13.25						STOP		6161025	271	CHANNELIZER (TRIM-LINE)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)		R1-2	48TRI.	6.93						YIELD		6161026		CHANNELIZER (VERTICAL PANEL)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)		R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)		6161030	62	TYPE 3 MOVEABLE BARRICADE
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)		R1-3P	30X12	2.50						ALL WAY (PLAQUE)		6161033		DIRECTION INDICATOR BARRICADE
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)		R2-1	36X48	12.00						SPEED LIMIT XX		6161040	1	FLASHING ARROW PANEL
W03-4	48X48	16.00						BE PREPARED TO STOP		R3-1	48X48	16.00	1	16.00			62	NO RIGHT TURN (SYMBOL)		6161047		TYPE 3 OBJECT MARKER
W03-5	48X48	16.00						SPEED LIMIT AHEAD		R3-2	48X48	16.00	1	16.00			61	NO LEFT TURN (SYMBOL)		6161055		SEQUENTIAL FLASHING WARNING LIGHT
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)		R3-3	36X36	9.00						NO TURNS		6161070		TUBULAR MARKER
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)		R3-4	48X48	16.00						NO U-TURN (SYMBOL)		6161095		RADAR SPEED ADVISORY SYSTEM
W04-1aL	48X48	16.00						MERGE (LEFT)		R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT		6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
W04-1aR	48X48	16.00						MERGE (RIGHT)		R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT		6161096		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
W05-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS		R4-1	36X48	12.00						DO NOT PASS		6161098A	2	CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
W05-3	48X48	16.00						ONE LANE BRIDGE		R4-2	36X48	12.00						PASS WITH CARE		6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
W05-5	48X48	16.00						NARROW LANES		R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)		6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)		R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)		6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)		R5-1	30X30	6.25						DO NOT ENTER		6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)		R5-1a	36X24	6.00						WRONG WAY		6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)		R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)		6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
W08-1	48X48	16.00						BUMP		R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)		6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
W08-2	48X48	16.00						DIP		R6-2L	24X30	5.00						ONE WAY (LEFT)		6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
W08-3	48X48	16.00						PAVEMENT ENDS		R6-2R	24X30	5.00						ONE WAY (RIGHT)		6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
W08-4	48X48	16.00						SOFT SHOULDER		R9-9	24X12	2.00	29	58.00			55	SIDEWALK CLOSED		6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)		R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE		6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
W08-6	48X48	16.00						TRUCK CROSSING		R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE		6208064A		TEMPORARY RAISED PAVEMENT MARKER
W08-6c	48X48	16.00						TRUCK ENTRANCE		R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)		9029400		TEMPORARY TRAFFIC SIGNALS
W08-7	36X36	9.00						LOOSE GRAVEL		R11-2	48X30	10.00	8	80.00			29	ROAD CLOSED		9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
W08-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL		R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD		6169902	25	ADA COMPLIANT MOVABLE BARRICADE
W08-9	48X48	16.00						LOW SHOULDER		R11-4	60X30	12.50						LOCAL TRAFFIC ONLY				
W08-11	48X48	16.00						UNEVEN LANES		CONST-3A	60X48	20.00						ROAD CLOSED TO THRU TRAFFIC				
W08-12	48X48	16.00						NO CENTER LINE		CONST-3X	56X12	4.67						FINE SIGN				
W08-15	48X48	16.00						GROOVED PAVEMENT		MISCELLANEOUS SIGNS												
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)		CONST-5	48X36	12.00						POINT OF PRESENCE				
W08-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)		CONST-5	96X48	32.00						POINT OF PRESENCE				
W08-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)		CONST-8	48X36	12.00	2	24.00			59	WORK ZONE NO PHONE ZONE				
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)														
W10-1	42RND.	9.62						RAILROAD CROSSING														
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)														
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)														
W012-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)														
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)														
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD														
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD														
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)														
W016-2	30X24	5.00						XXX FEET (PLAQUE)														
W016-3	30X24	5.00						X MILE (PLAQUE)														
W020-1	48X48	16.00	2	32.00			2	ROAD/BRIDGE/RAMP WORK AHEAD														
W020-2	48X48	16.00						DETOUR AHEAD														
W020-3	48X48	16.00						ROAD CLOSED AHEAD														
W020-4	48X48	16.00						ONE LANE ROAD AHEAD														
W020-5	48X48	16.00	1	16.00			5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD														
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD														
W020-6a	48X48	16.00	1	16.00			6	RIGHT/CENTER/LEFT LANE CLOSED														
W020-7a	48X48	16.00						FLAGGER (SYMBOL)														
W021-2	36X36	9.00						FRESH OIL														
W021-5	48X48	16.00	2	32.00			21	SHOULDER WORK / SHOULDER WORK AHEAD														
W022-1	48X48	16.00						BLASTING ZONE AHEAD														
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE														
W022-3	42X36	10.50						END BLASTING ZONE														
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)														

SUMMARY OF QUANTITIES
SHEET 7 OF 7



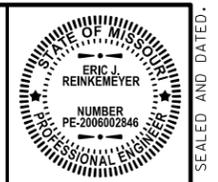
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3/4/2026
ROUTE VAR. MO
DISTRICT CD SHEET NO. 3
COUNTY BOONE
JOB NO. JCD0125
CONTRACT ID.



LEGEND

	CONCRETE DRIVEWAY
	CONCRETE SIDEWALK
	TRUNCATED DOMES
	SIDEWALK SECTION
	RAMP
	TRANSITION
	LANDING
	MEDIAN

PLAN
RTE 763 & VANDIVER DR.
PLAN SHEET 2 OF 15
(RTE 763 SHEET 2 OF 2)



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 5
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Consult engineers planners
 Inc

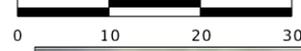
7733 N. Woll Lane Ave., Kansas City, MO 64158 | 816.256.5153

Hg CONSULT, INC.
 PRO. ENGINEER 2010005873

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

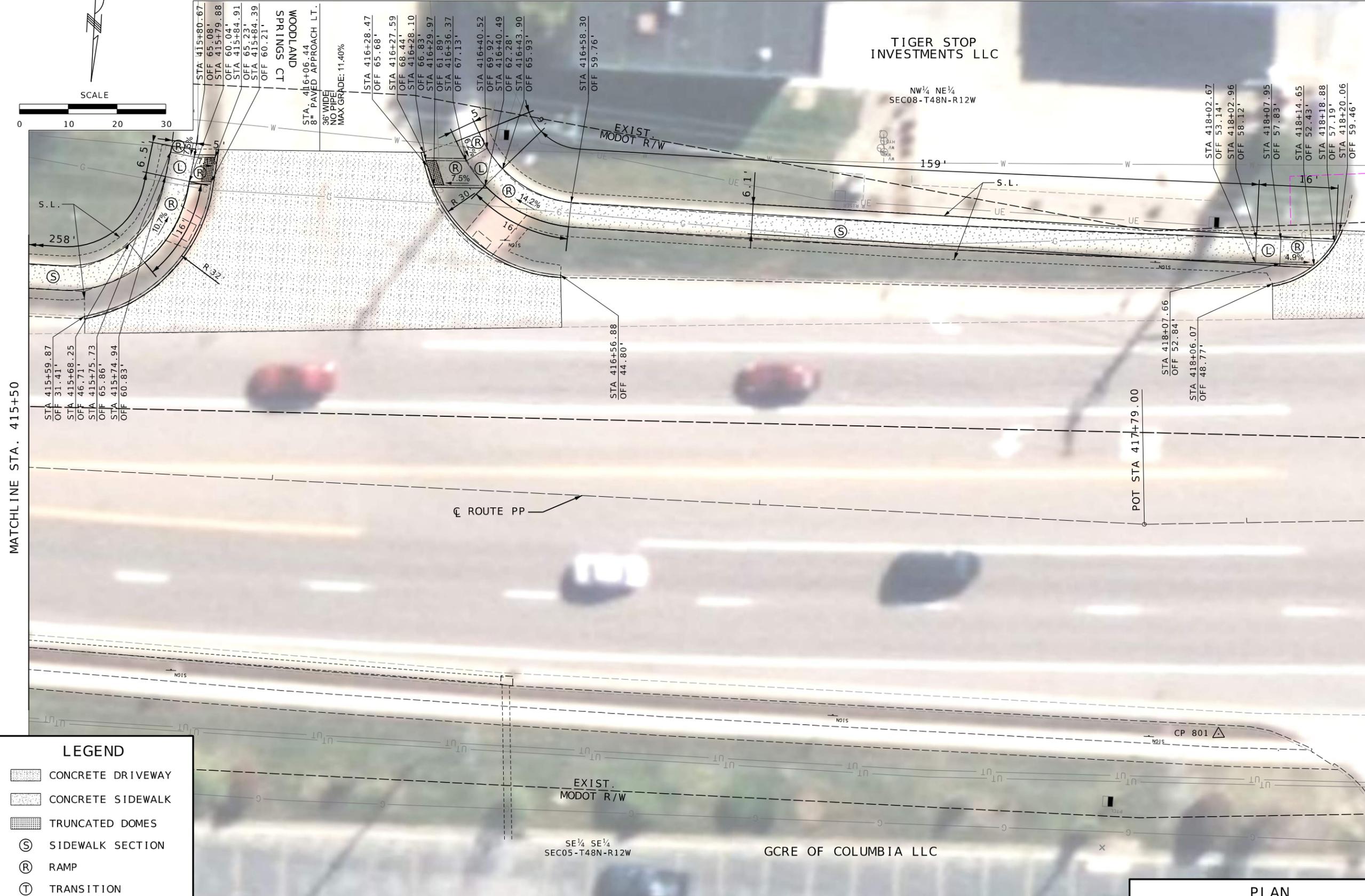


SCALE



MATCHLINE STA. 415+50

MATCHLINE STA. 418+25



LEGEND

- CONCRETE DRIVEWAY
- CONCRETE SIDEWALK
- TRUNCATED DOMES
- SIDEWALK SECTION
- RAMP
- TRANSITION
- LANDING
- MEDIAN

**PLAN
RTE PP
PLAN SHEET 4 OF 15
(RTE PP SHEET 2 OF 9)**



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
CD	7

COUNTY BOONE

JOB NO. JCD0125

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

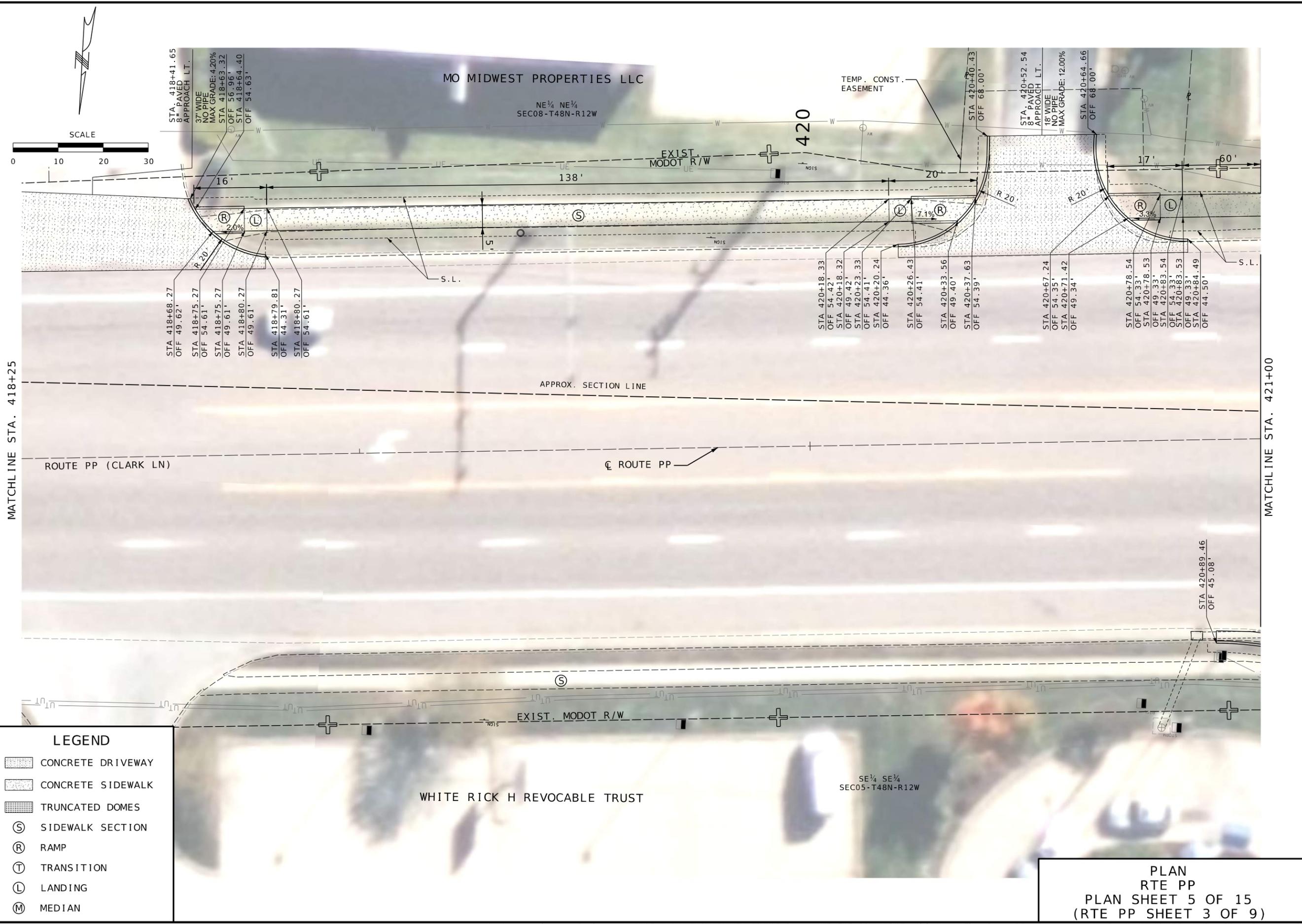
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

**Consult
engineers
Inc
planners**

7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256.5153

HQ CONSULT, INC.
PRO. ENGINEER 2010005873

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



LEGEND

	CONCRETE DRIVEWAY
	CONCRETE SIDEWALK
	TRUNCATED DOMES
	SIDEWALK SECTION
	RAMP
	TRANSITION
	LANDING
	MEDIAN

PLAN
RTE PP
PLAN SHEET 5 OF 15
(RTE PP SHEET 3 OF 9)

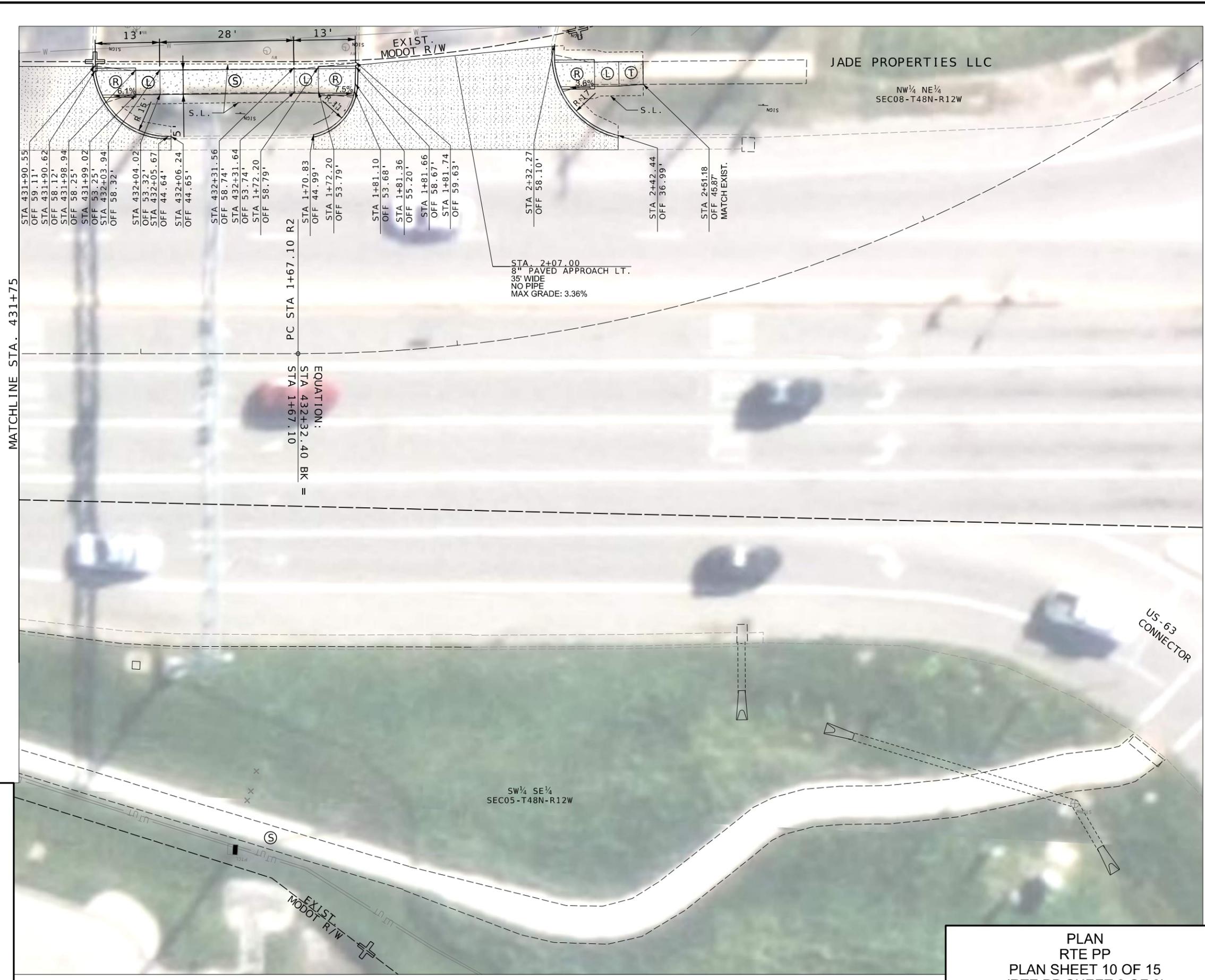
THIS SHEET HAS BEEN
 SIGNED, SEALED AND DATED
 ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR. CD	STATE MO
DISTRICT CD	SHEET NO. 8
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

HG CONSULT, INC.
 PRO. ENGINEER 2010005873



MATCHLINE STA. 431+75

EQUATION:
 STA 432+32.40 BK =
 STA 1+67.10

STA. 2+07.00
 8" PAVED APPROACH LT.
 35' WIDE
 NO PIPE
 MAX GRADE: 3.36%

LEGEND

- CONCRETE DRIVEWAY
- CONCRETE SIDEWALK
- TRUNCATED DOMES
- SIDEWALK SECTION
- RAMP
- TRANSITION
- LANDING
- MEDIAN

PLAN
 RTE PP
 PLAN SHEET 10 OF 15
 (RTE PP SHEET 8 OF 9)

ERIC J. REINKEMEYER
 NUMBER PE-2006002846
 PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 13
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Consult engineers Inc planners

7733 N. Wallace Ave., Kansas City, MO 64158 | 816.256-5153

HQ CONSULT, INC.
 PRO. ENGINEER 2010005873



WHITE CASTLE SYSTEM INC

SE 1/4 SE 1/4
SEC05-T48N-R12W

J. LARRY FUGATE
REVOCABLE TRUST

MATCHLINE SHEET 8



LEGEND

	CONCRETE DRIVEWAY
	CONCRETE SIDEWALK
	TRUNCATED DOMES
	SIDEWALK SECTION
	RAMP
	TRANSITION
	LANDING
	MEDIAN

PLAN
RTE PP
PLAN SHEET 11 OF 15
(RTE PP SHEET 9 OF 9)

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/4/2026

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
CD	14

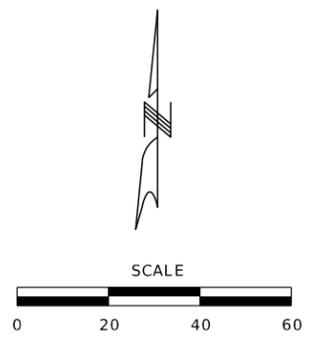
COUNTY: BOONE
JOB NO.: JCD0125
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

7733 N. Wallace Ave., Kansas City, MO 64158 | 816.256.5153
HG CONSULT, INC.
PRO. ENGINEER 2010005873



CURATORS OF THE UNIVERSITY OF MISSOURI

OLD RTE K

LAUGHLIN MEMORIAL DR.

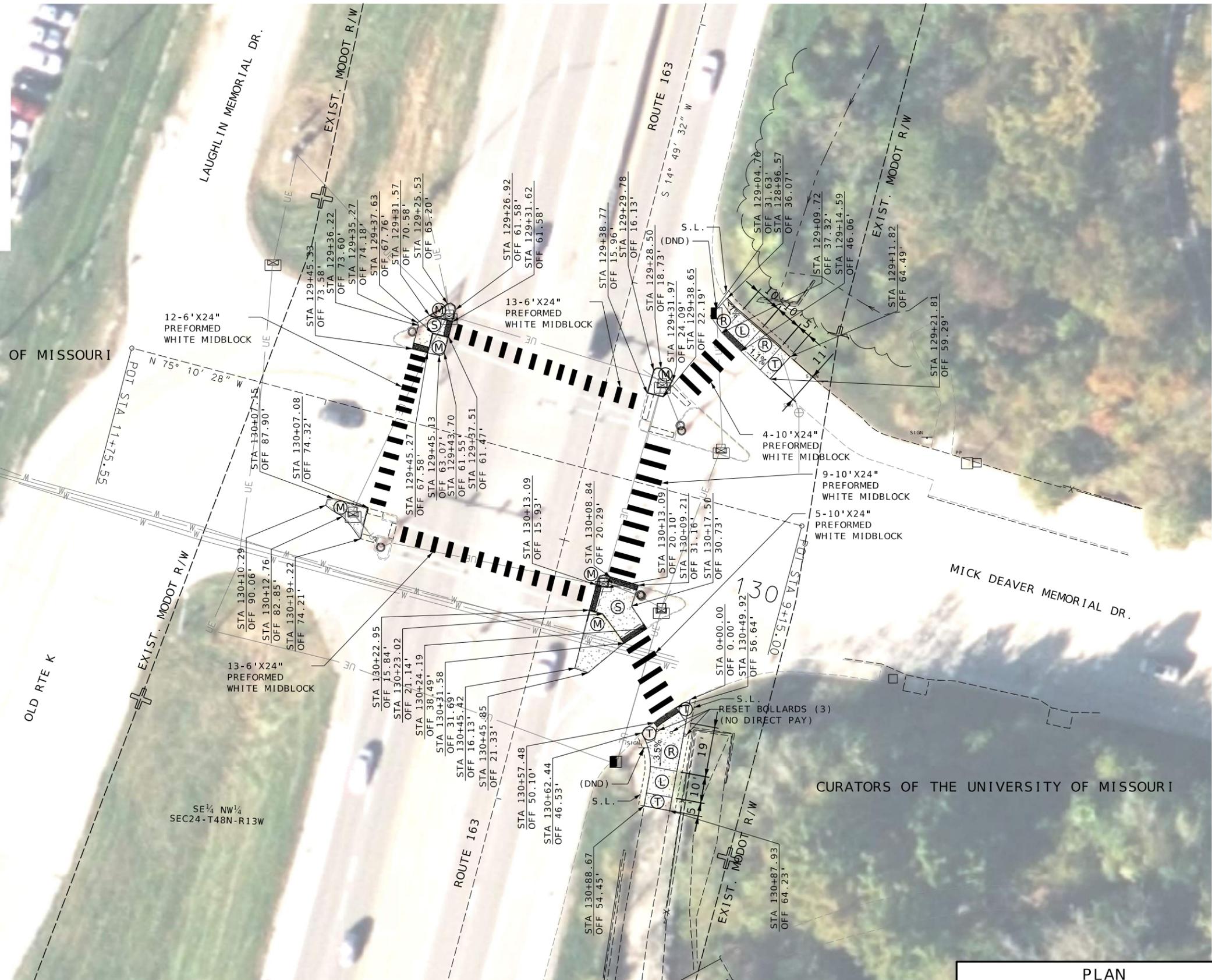
ROUTE 163

MICK DEEVER MEMORIAL DR.

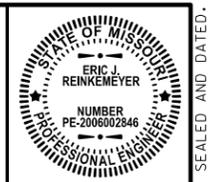
CURATORS OF THE UNIVERSITY OF MISSOURI

SE 1/4 NW 1/4
SEC 24 - T48N - R13W

LEGEND	
	CONCRETE DRIVEWAY
	CONCRETE SIDEWALK
	TRUNCATED DOMES
	SIDEWALK SECTION
	RAMP
	TRANSITION
	LANDING
	MEDIAN



PLAN
RTE 163 & MICK DEEVER
PLAN SHEET 12 OF 15
(MICK DEEVER SHEET 1 OF 1)



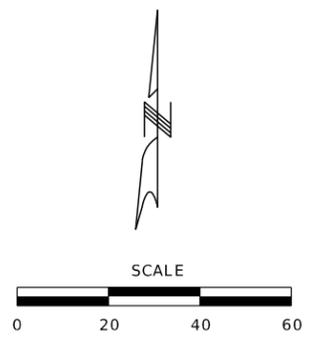
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 15
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

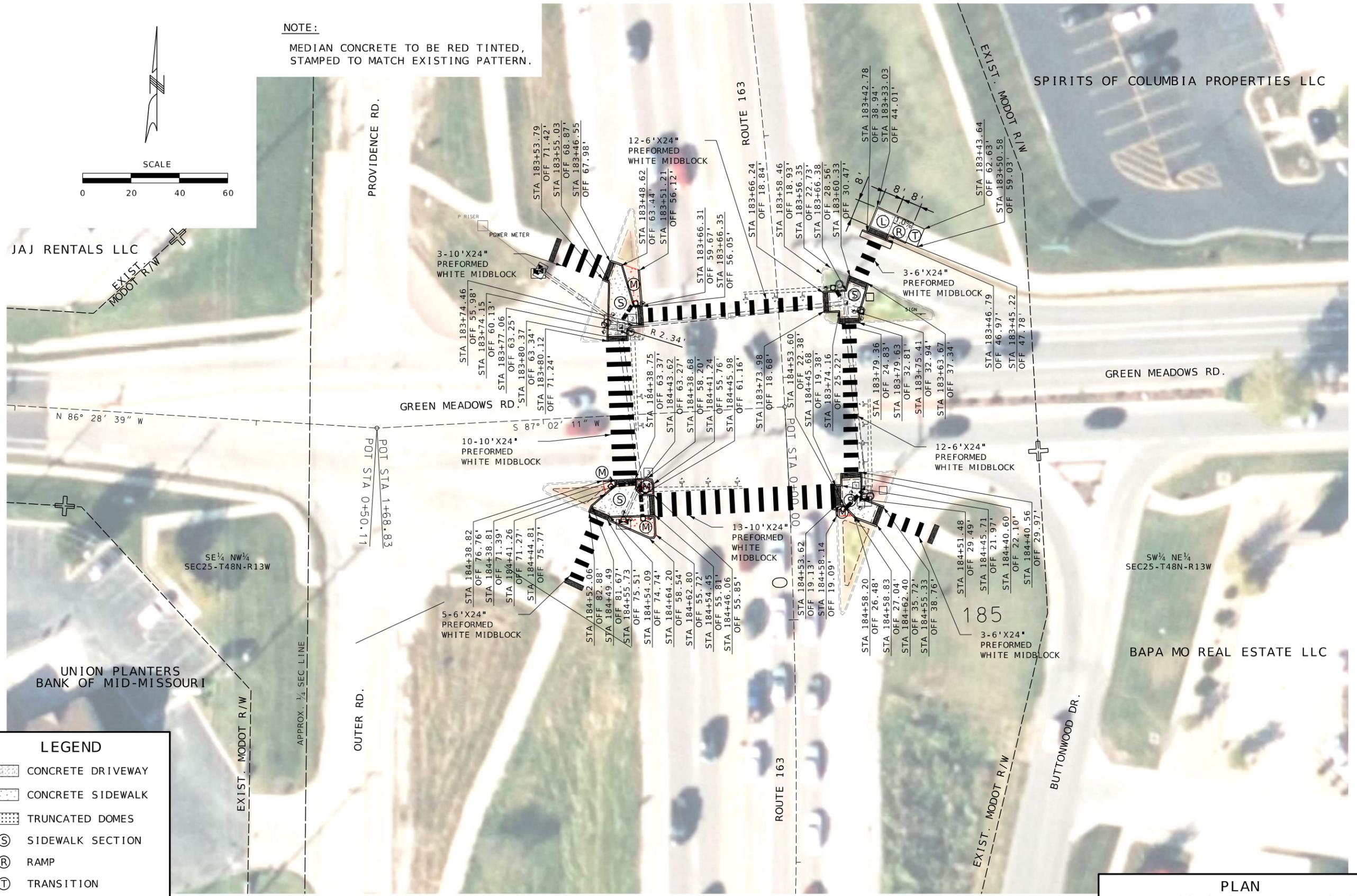
Consult engineers planners
HG CONSULT, INC.
PRO. ENGINEER 2010005873
7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256.5153



NOTE:
 MEDIAN CONCRETE TO BE RED TINTED,
 STAMPED TO MATCH EXISTING PATTERN.

LEGEND

	CONCRETE DRIVEWAY
	CONCRETE SIDEWALK
	TRUNCATED DOMES
	SIDEWALK SECTION
	RAMP
	TRANSITION
	LANDING
	MEDIAN



PLAN
 RTE 163 & GREEN MEADOWS
 PLAN SHEET 13 OF 15
 (GREEN MEADOWS SHEET 1 OF 1)

ERIC J. REINKEMEYER
 NUMBER PE-2006002846
 PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

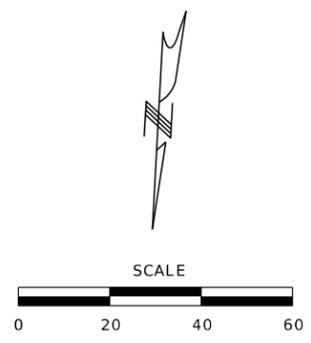
DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 16
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Consult engineers inc planners
 7733 N. Woll Lane Ave., Kansas City, MO 64158 | 816.256-5153

Hg CONSULT, INC.
 PRO. ENGINEER 2010005873



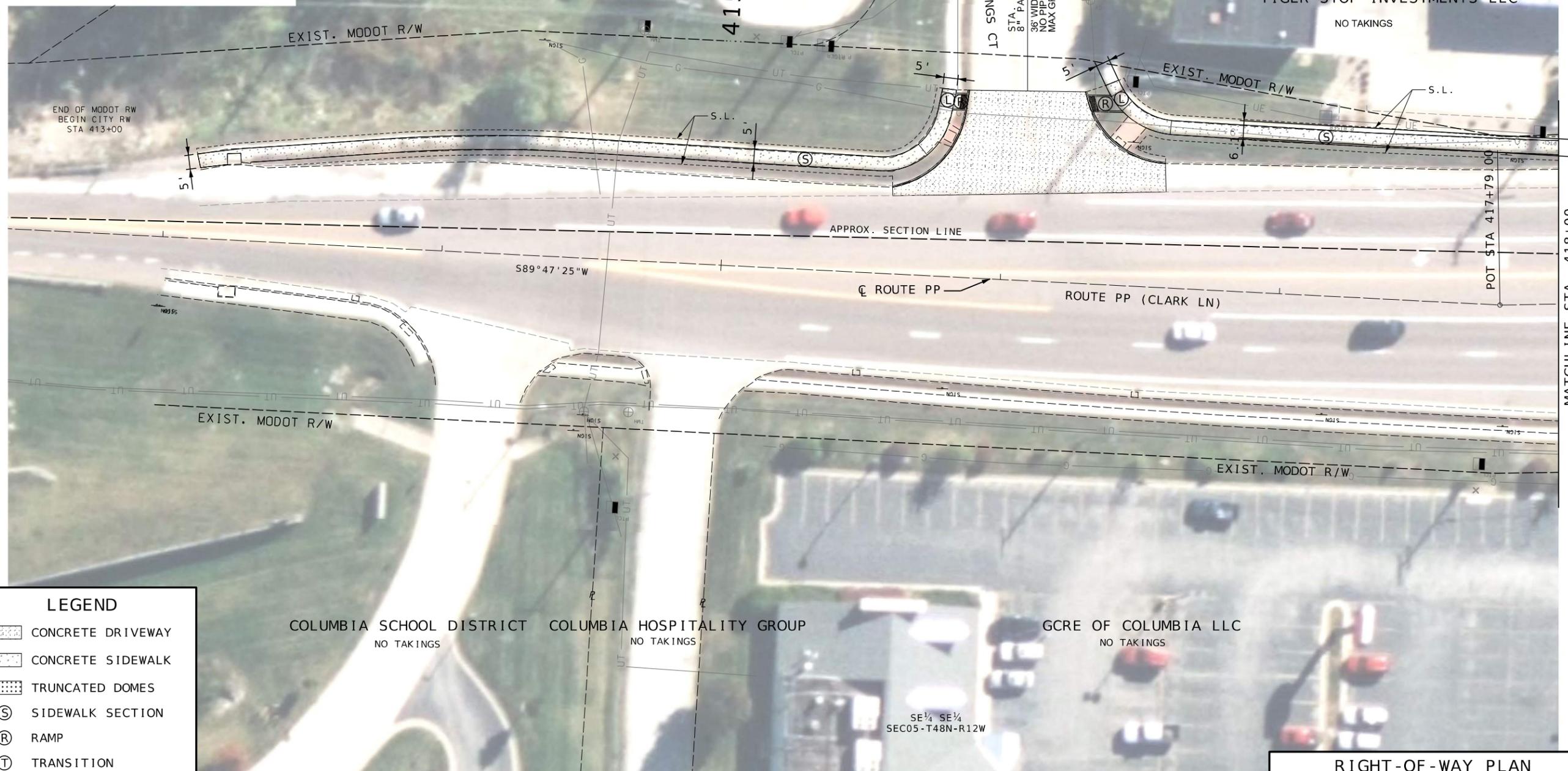
NOTES:
 Right of Way Limits of this project extend from Station 418+10.00 to 2+50.00 (EQ)

STF HOLDING CO LLC
 NO TAKINGS

APPROX. CITY OF COLMBIA R/W
 FIRST NATIONAL BANK & TRUST
 NO TAKINGS

NE 1/4 NE 1/4
 SEC08 - T48N-R12W

TIGER STOP INVESTMENTS LLC
 NO TAKINGS



LEGEND

	CONCRETE DRIVEWAY
	CONCRETE SIDEWALK
	TRUNCATED DOMES
	SIDEWALK SECTION
	RAMP
	TRANSITION
	LANDING
	MEDIAN

COLUMBIA SCHOOL DISTRICT NO TAKINGS
 COLUMBIA HOSPITALITY GROUP NO TAKINGS
 GCRE OF COLUMBIA LLC NO TAKINGS

SE 1/4 SE 1/4
 SEC05 - T48N-R12W

RIGHT-OF-WAY PLAN
RTE PP
R/W PLAN SHEET 1 OF 4
(RTE PP SHEET 1 OF 4)



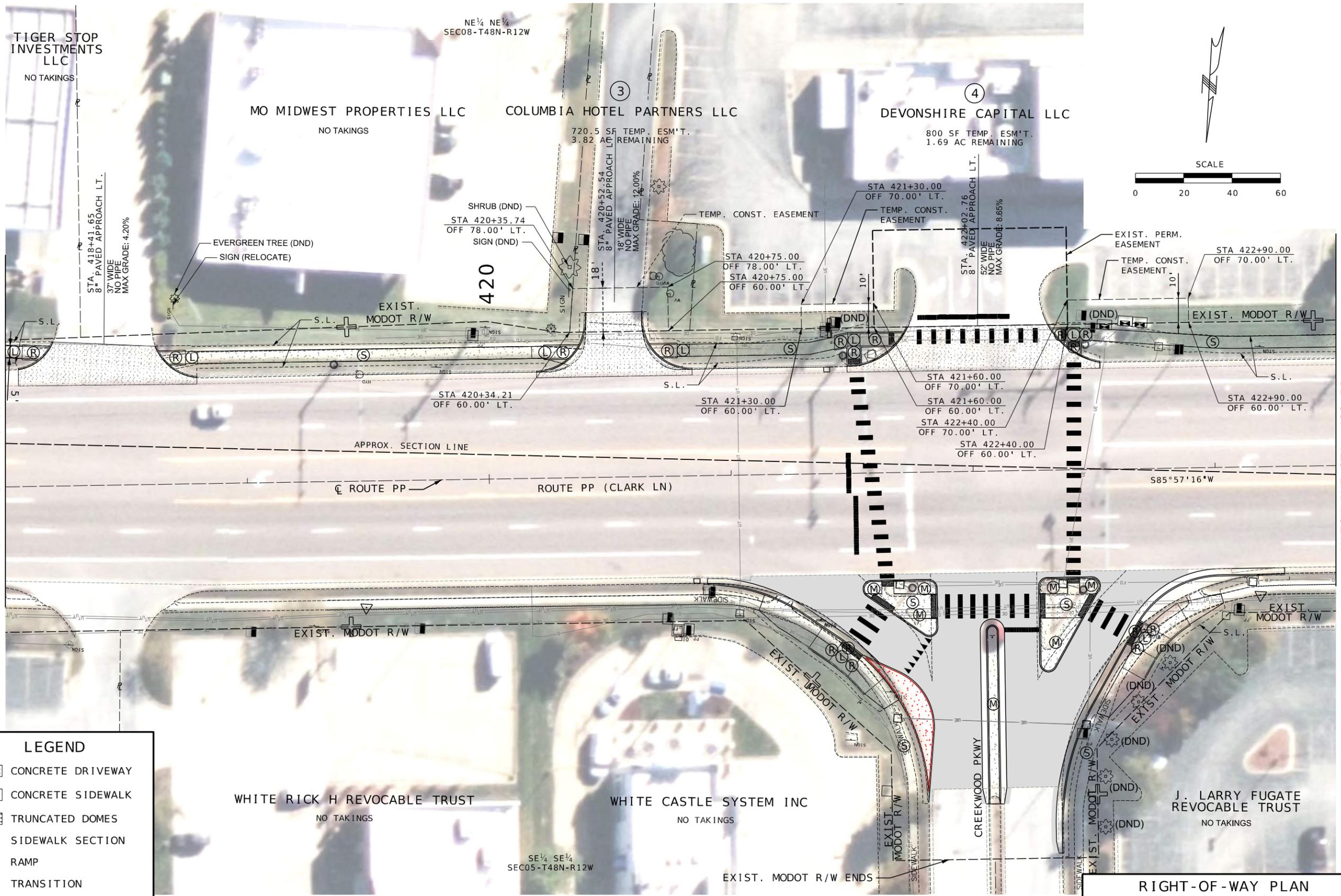
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 19
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

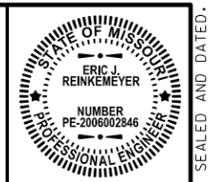
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Consult engineers planners
 HG CONSULT, INC.
 7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256.5153
 PRO. ENGINEER 2010005873



MATCHLINE STA. 418+00

MATCHLINE STA. 423+50



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 20
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

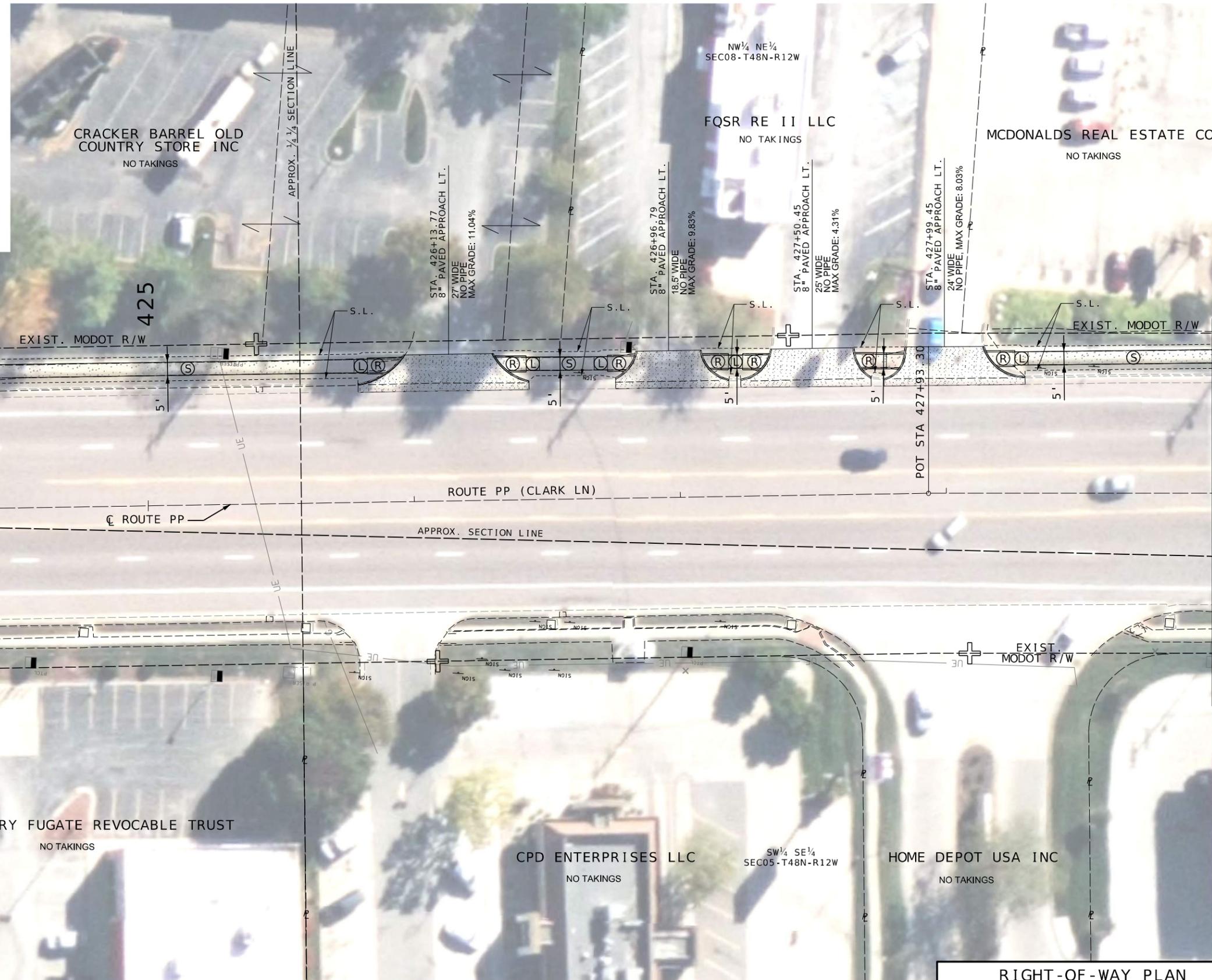
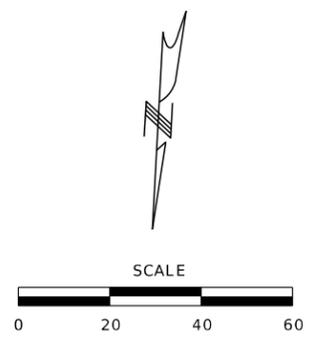
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Consult engineers Inc planners
 7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256-5153
 HG CONSULT, INC.
 PRO. ENGINEER 2010005873

LEGEND

	CONCRETE DRIVEWAY
	CONCRETE SIDEWALK
	TRUNCATED DOMES
<td>RAMP</td>	RAMP
<td>LANDING</td>	LANDING
<p>RIGHT-OF-WAY PLAN RTE PP & CREEKWOOD PKWY R/W PLAN SHEET 2 OF 4 (RTE PP SHEET 2 OF 4)</p>	



MATCHLINE STA. 423+50

MATCHLINE STA. 429+00

LEGEND

- CONCRETE DRIVEWAY
- CONCRETE SIDEWALK
- TRUNCATED DOMES
- SIDEWALK SECTION
- RAMP
- TRANSITION
- LANDING
- MEDIAN

J. LARRY FUGATE REVOCABLE TRUST
NO TAKINGS

CPD ENTERPRISES LLC
NO TAKINGS

HOME DEPOT USA INC
NO TAKINGS

RIGHT-OF-WAY PLAN
RTE PP
R/W PLAN SHEET 3 OF 4
(RTE PP SHEET 3 OF 4)

STATE OF MISSOURI
ERIC J. REINKEMEYER
NUMBER PE-2006002846
PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 21
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

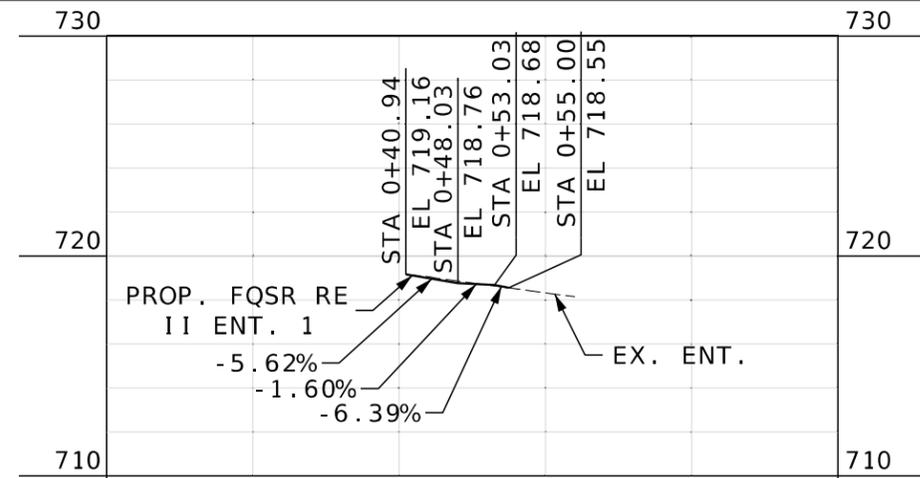
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

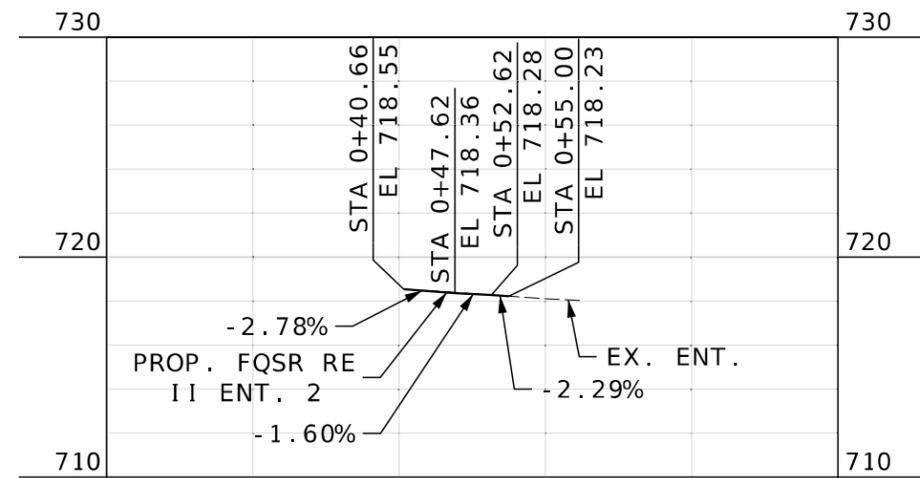
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Consult
engineers
Inc
planners

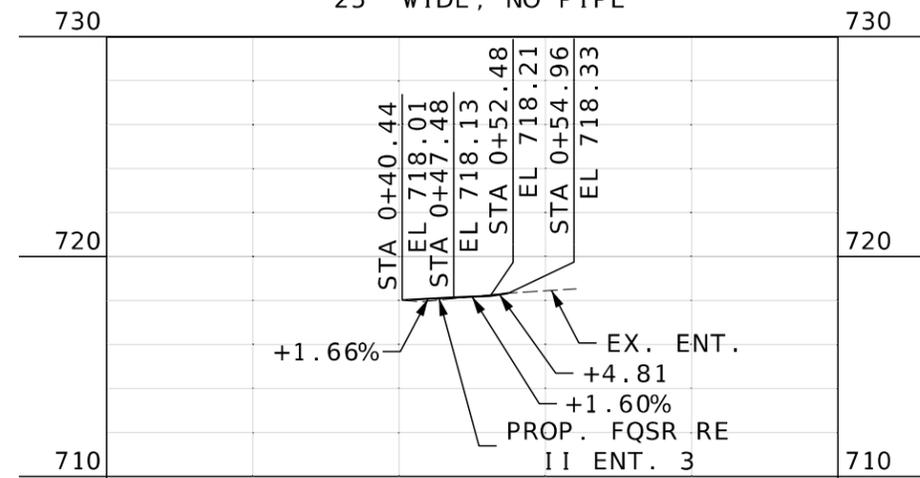
HG CONSULT, INC.
PRO. ENGINEER 2010005873



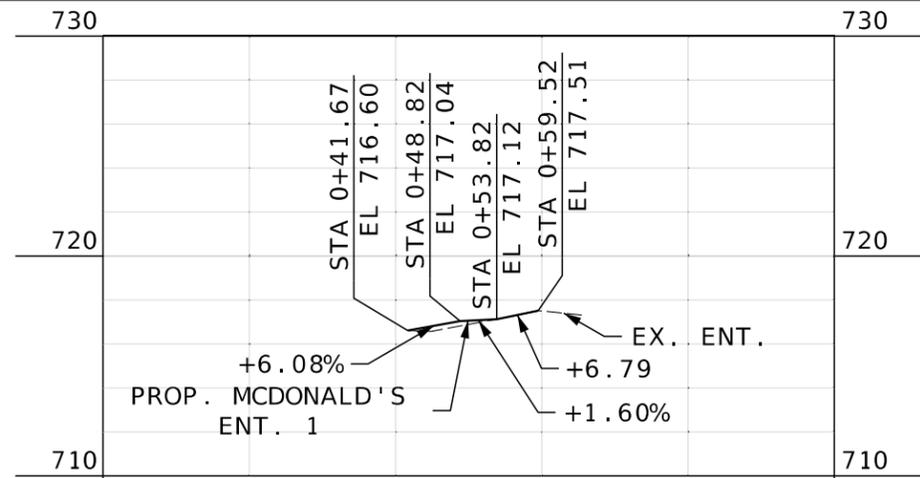
0+00 LOCATION 2, ROUTE PP STA. 426+96.79
8" PAVED APPROACH LT.
18.5' WIDE, NO PIPE 1+00



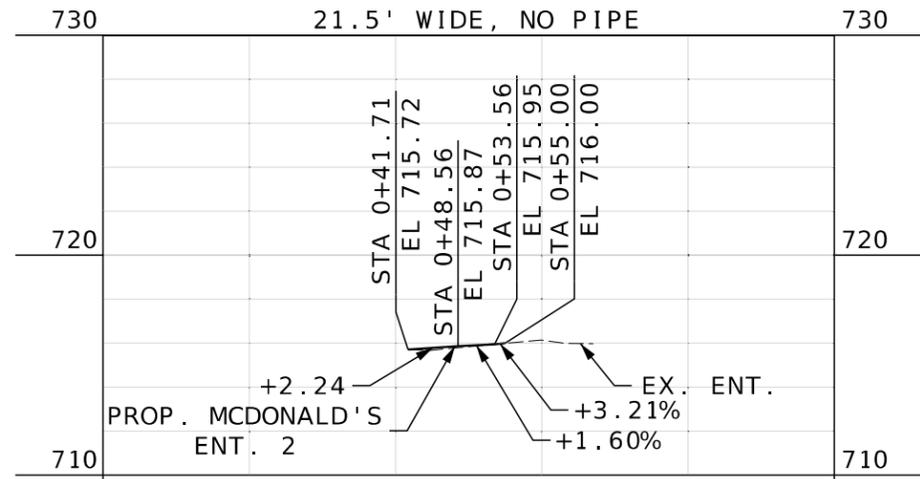
0+00 LOCATION 2, ROUTE PP STA. 427+50.45
8" PAVED APPROACH LT.
25' WIDE, NO PIPE 1+00



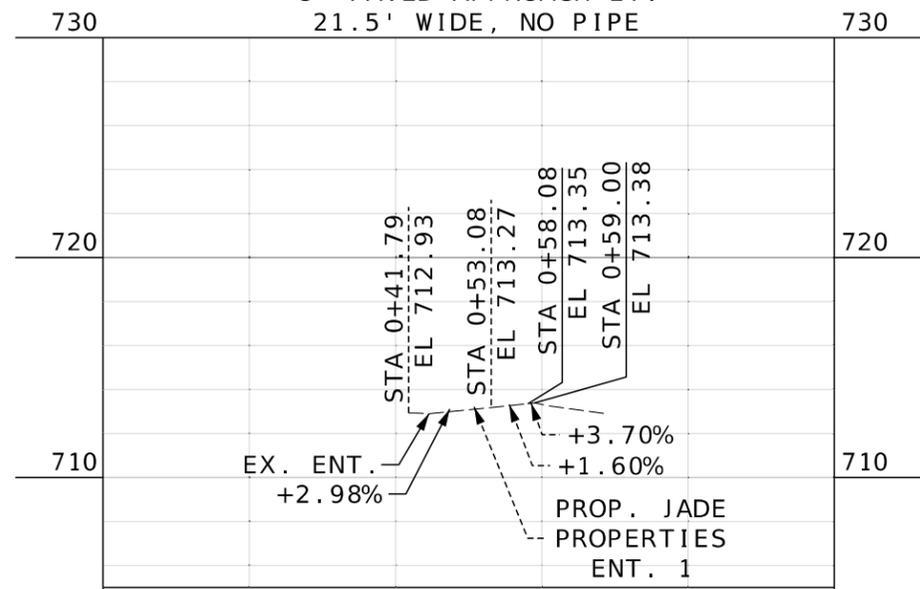
0+00 LOCATION 2, ROUTE PP STA. 427+99.45
8" PAVED APPROACH LT.
24' WIDE, NO PIPE 1+00



0+00 LOCATION 2, ROUTE PP STA. 429+33.01
8" PAVED APPROACH LT.
21.5' WIDE, NO PIPE 1+00



0+00 LOCATION 2, ROUTE PP STA. 429+33.01
8" PAVED APPROACH LT.
21.5' WIDE, NO PIPE 1+00



0+00 LOCATION 2, ROUTE PP STA. 431+74.82
8" PAVED APPROACH LT.
25.5' WIDE, NO PIPE 1+00

SPECIAL SHEET
RTE PP
SHEET 2 OF 3

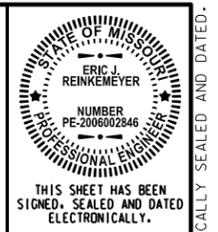
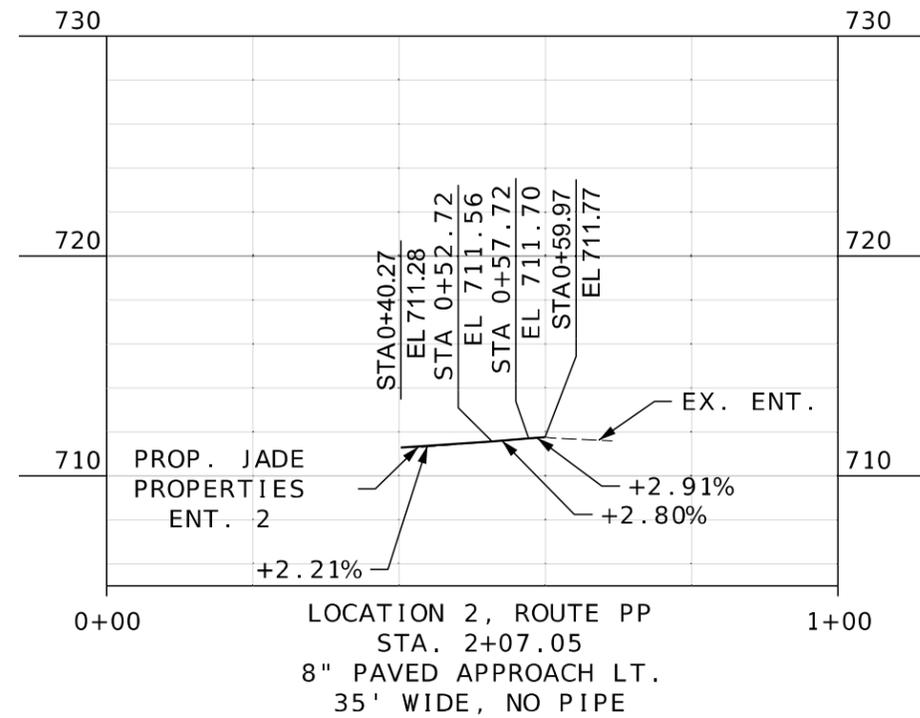


3/4/2026
ROUTE VAR. MO
DISTRICT CD SHEET NO. 26
COUNTY BOONE
JOB NO. JCD0125
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Consult engineers planners
7733 N. Woll Lake Ave., Kansas City, MO 64158 | 816.256-5153
HG CONSULT, INC.
PRO. ENGINEER 2010005873



3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 27
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

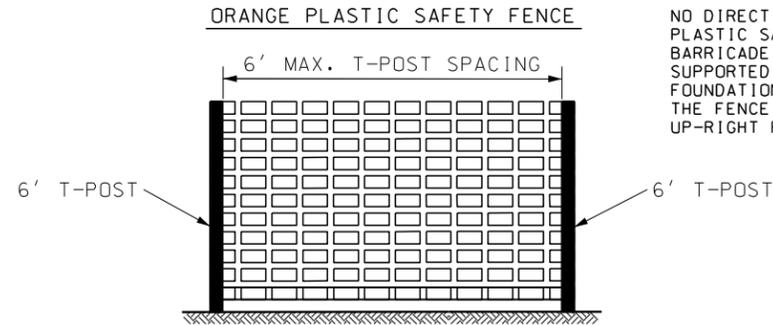
7733 N. Wollack Ave., Kansas City, MO 64158 | 816.256-5153

HQ CONSULT, INC.
PRO. ENGINEER 2010005873

SPECIAL SHEET
RTE PP
SHEET 3 OF 3

NOTES:

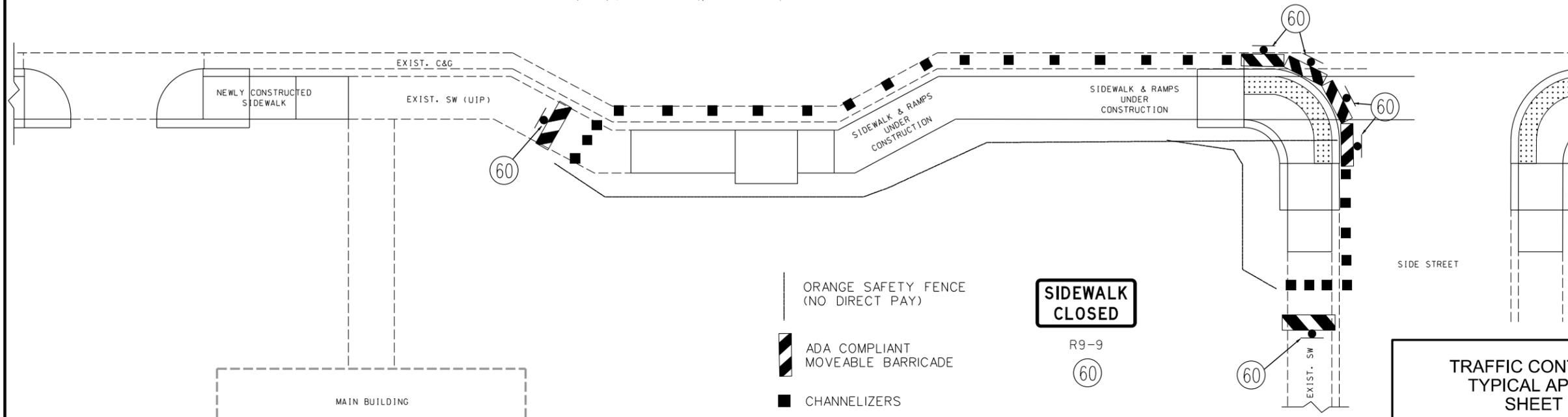
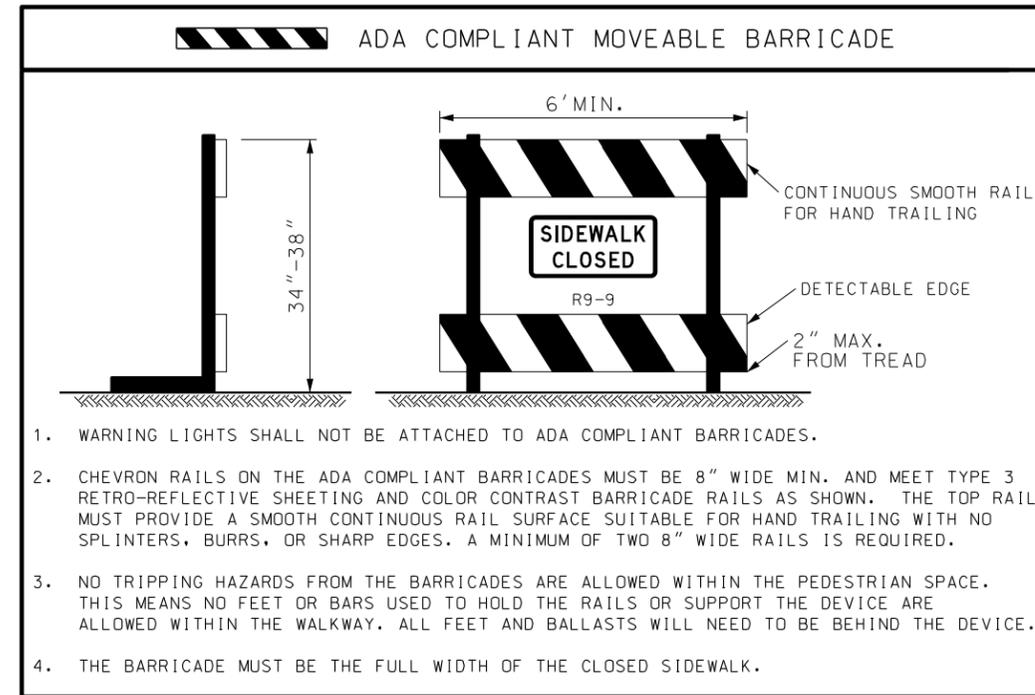
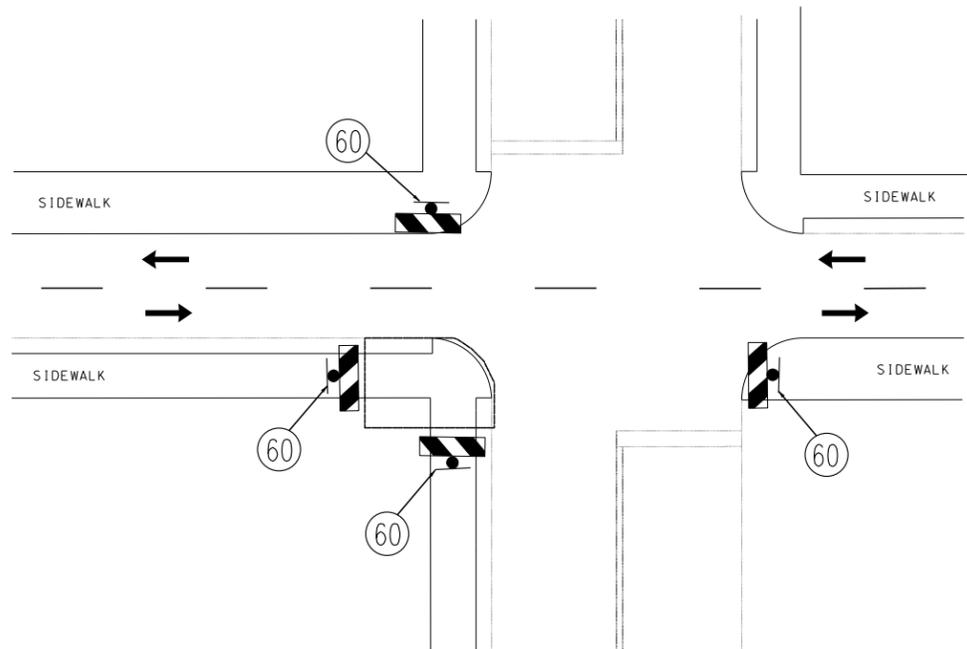
1. NO DIRECT PAYMENT WILL BE MADE FOR ORANGE SAFETY FENCE AS REQUIRED AROUND EXCAVATION OF SIDEWALK & CURB RAMP AREAS.
2. SEE JSP's FOR PEDESTRIAN TRAFFIC DEVICES.
3. WORKING AREAS SHALL BE GUARDED FROM PEDESTRIAN ACCESS BY BARRICADE FENCING 36" TO 48" IN HEIGHT WITH A GAP NO GREATER THAN 6" FROM THE GROUND AND HOLES NO GREATER THAN 4" IN ANY DIRECTION.
4. PEDESTRIAN ACCESS ON SIDEWALK SHALL BE PROVIDED WITH A WIDTH NOT LESS THAN 4' OF SMOOTH STABLE SURFACING ADJACENT TO BARRICADE FENCING FOR ACCESS TO THE MAIN BUILDING.
5. SIDEWALK RAMP CLOSURES FOR RECONSTRUCTION SHALL BE PERFORMED WITH ADA COMPLIANT MOVEABLE BARRICADES. TWO BARRICADES PER PEDESTRIAN APPROACH. ONE SIDEWALK CLOSED SIGN WILL BE PLACED UPON ONE BARRICADE FOR EACH APPROACH, NO MORE THAN ONE 5' SECTION OF SIDEWALK RAMP SHALL BE CLOSED LEADING TO THE MAIN BUILDING AT ANY TIME ADJACENT TO THE WORK AREA.



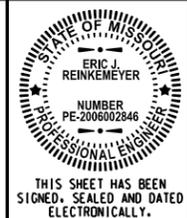
NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST, ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

DUAL-LANE
TYPICAL SIDEWALK CLOSURE

NOT TO SCALE



TRAFFIC CONTROL SHEET
TYPICAL APPLICATION
SHEET 3 OF 3



3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 30
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

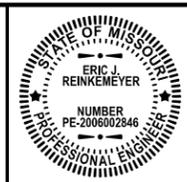
MoDOT

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

consult engineers inc planners

7733 N. Wellbuck Ave., Kansas City, MO 64158 | 816.256-5153

HG CONSULT, INC.
PRO. ENGINEER 2010005873



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/4/2026

ROUTE: VAR. STATE: MO
DISTRICT: CD SHEET NO.: 32

COUNTY: BOONE
JOB NO.: JCD0125
CONTRACT ID.:

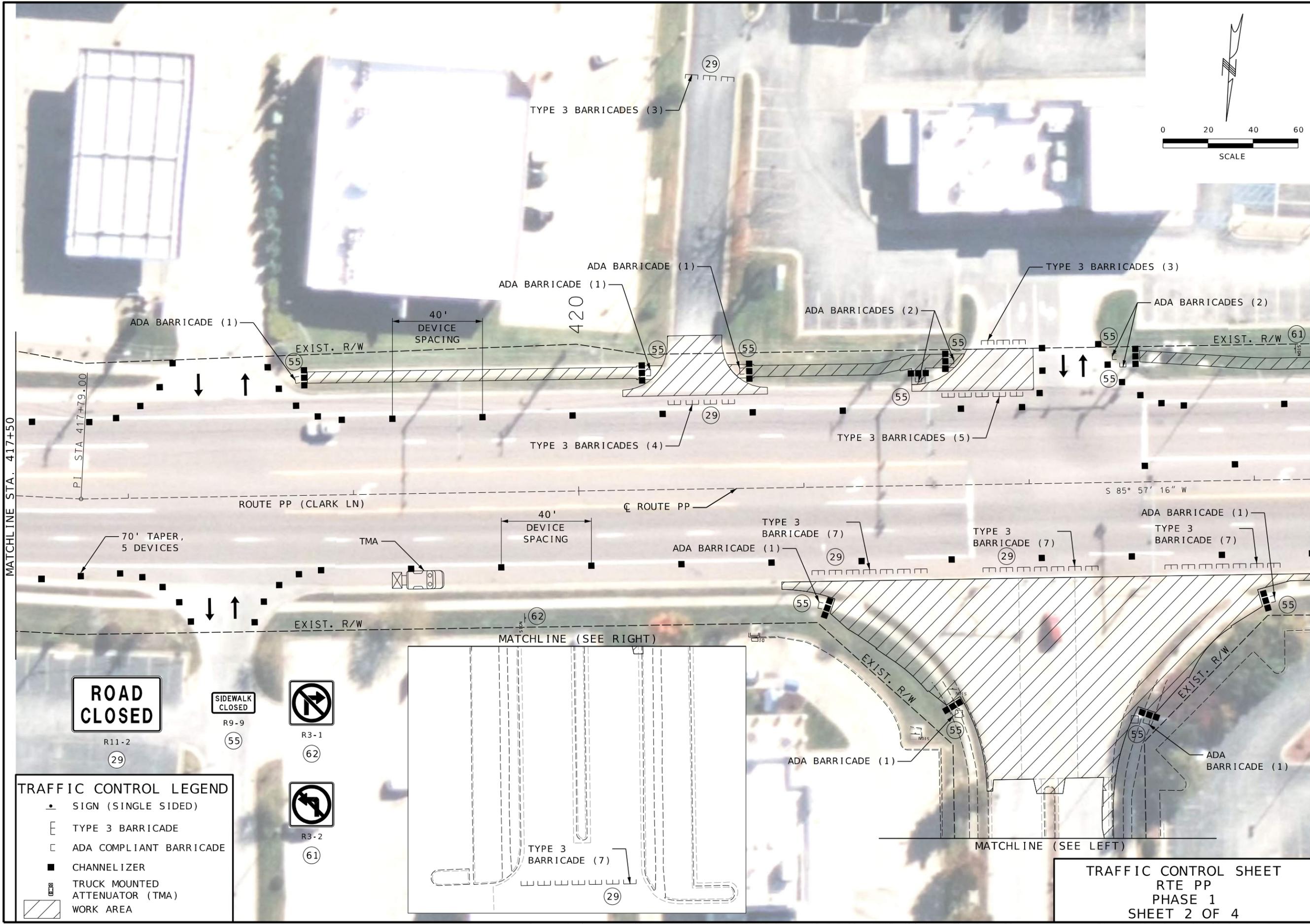
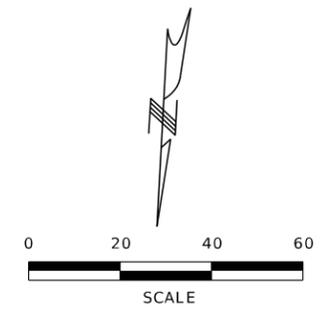
PROJECT NO.:

BRIDGE NO.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

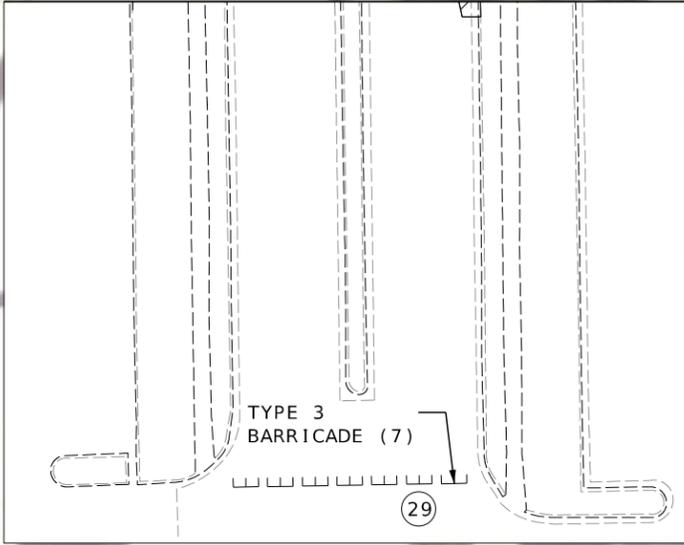
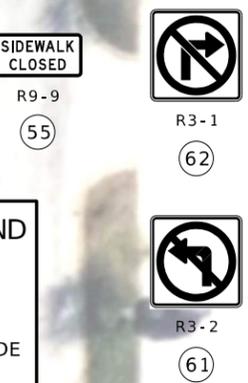
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

Consult engineers Inc planners
 7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256.5153
 HG CONSULT, INC.
 PRO. ENGINEER 201005873



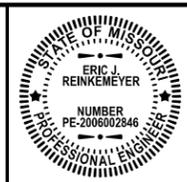
TRAFFIC CONTROL LEGEND

	SIGN (SINGLE SIDED)
	TYPE 3 BARRICADE
	ADA COMPLIANT BARRICADE
	CHANNELIZER
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA



TRAFFIC CONTROL SHEET
 RTE PP
 PHASE 1
 SHEET 2 OF 4

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



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/4/2026

ROUTE: VAR. STATE: MO
DISTRICT: CD SHEET NO.: 34

COUNTY: BOONE
JOB NO.: JCD0125
CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

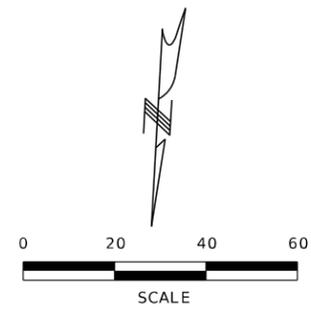
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

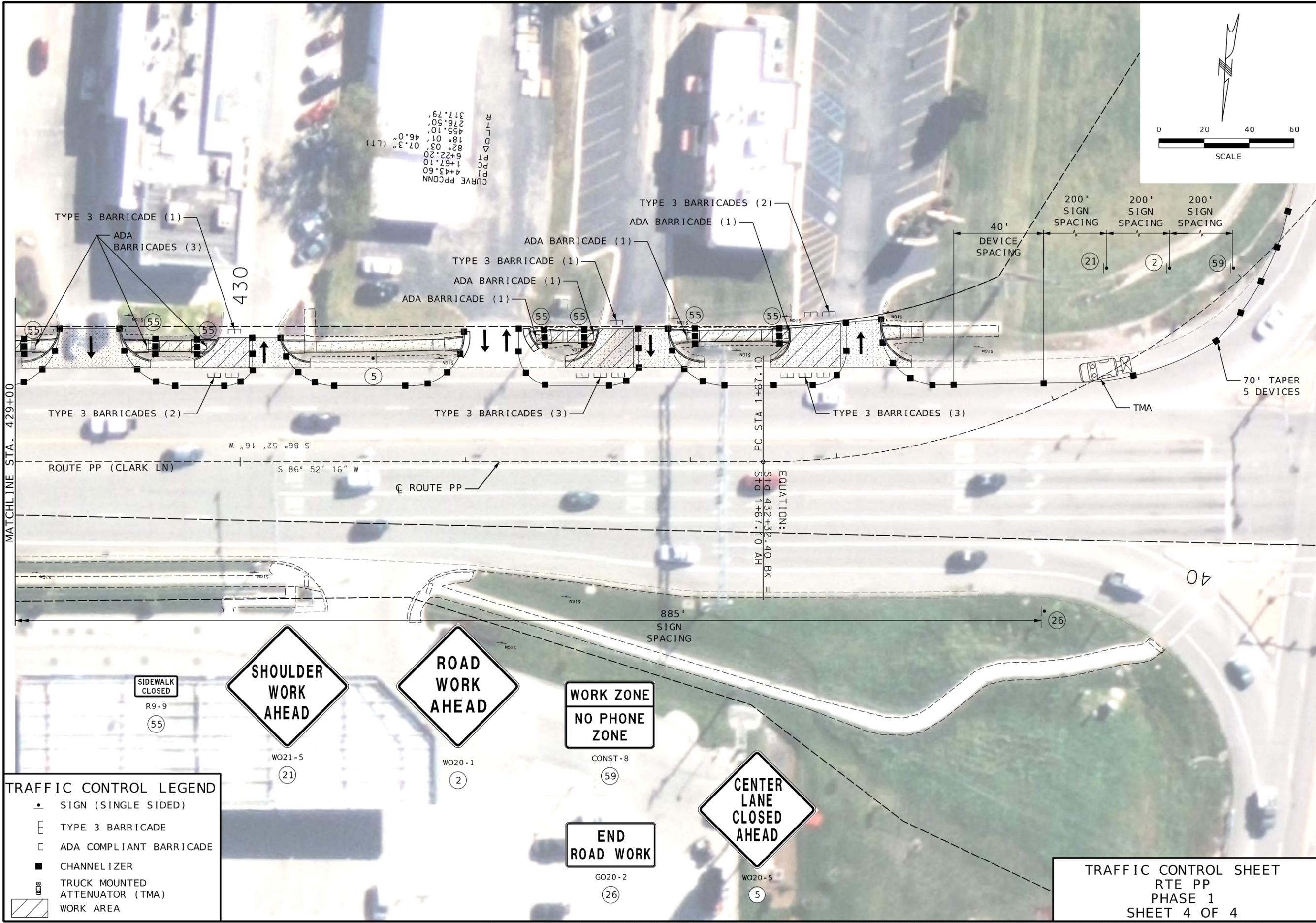
Consult engineers inc planners

7733 N. Wall Lake Ave., Kansas City, MO 64158 | 816.256.5153

HG CONSULT, INC.
PRO. ENGINEER 201005873



RTLD
PT 517.79
PC 276.50
PI 455.10
P1 18.01
N1 46.0 (LT)
07.3 (LT)
82.03
6+22.20
1+67.10
4+43.60
NNCONN

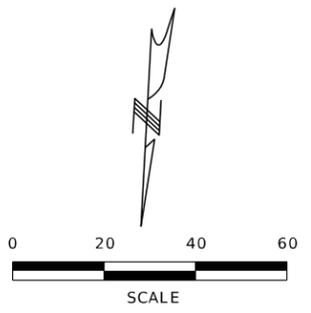
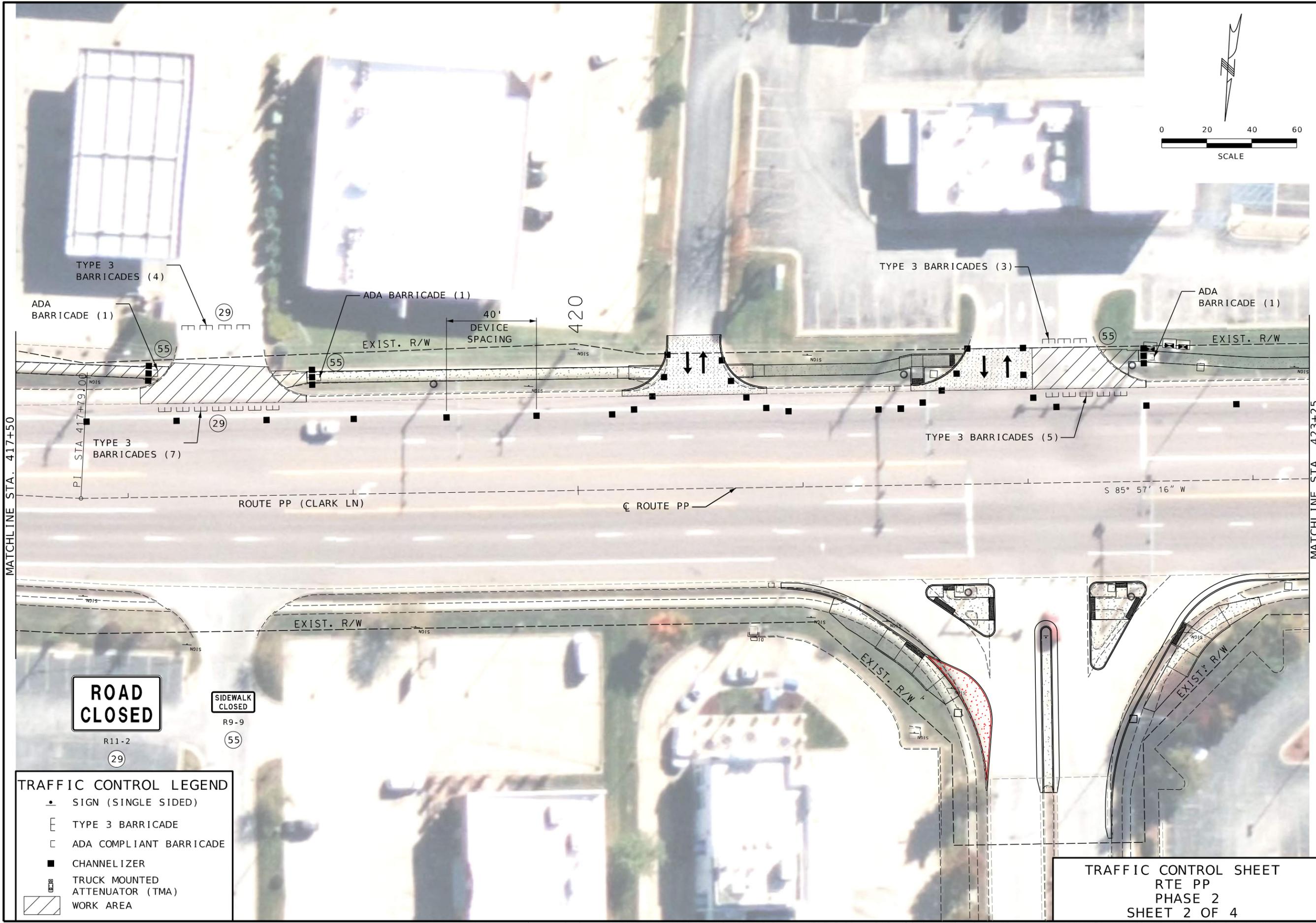


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- [] TYPE 3 BARRICADE
- [] ADA COMPLIANT BARRICADE
- CHANNELIZER
- [] TRUCK MOUNTED ATTENUATOR (TMA)
- [] WORK AREA

TRAFFIC CONTROL SHEET
RTE PP
PHASE 1
SHEET 4 OF 4

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



STATE OF MISSOURI
 ERIC J. REINKEMEYER
 NUMBER PE-200602846
 PROFESSIONAL ENGINEER
 THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 3/4/2026
 ROUTE: VAR.
 STATE: MO
 DISTRICT: CD
 SHEET NO.: 36
 COUNTY: BOONE
 JOB NO.: JCD0125
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

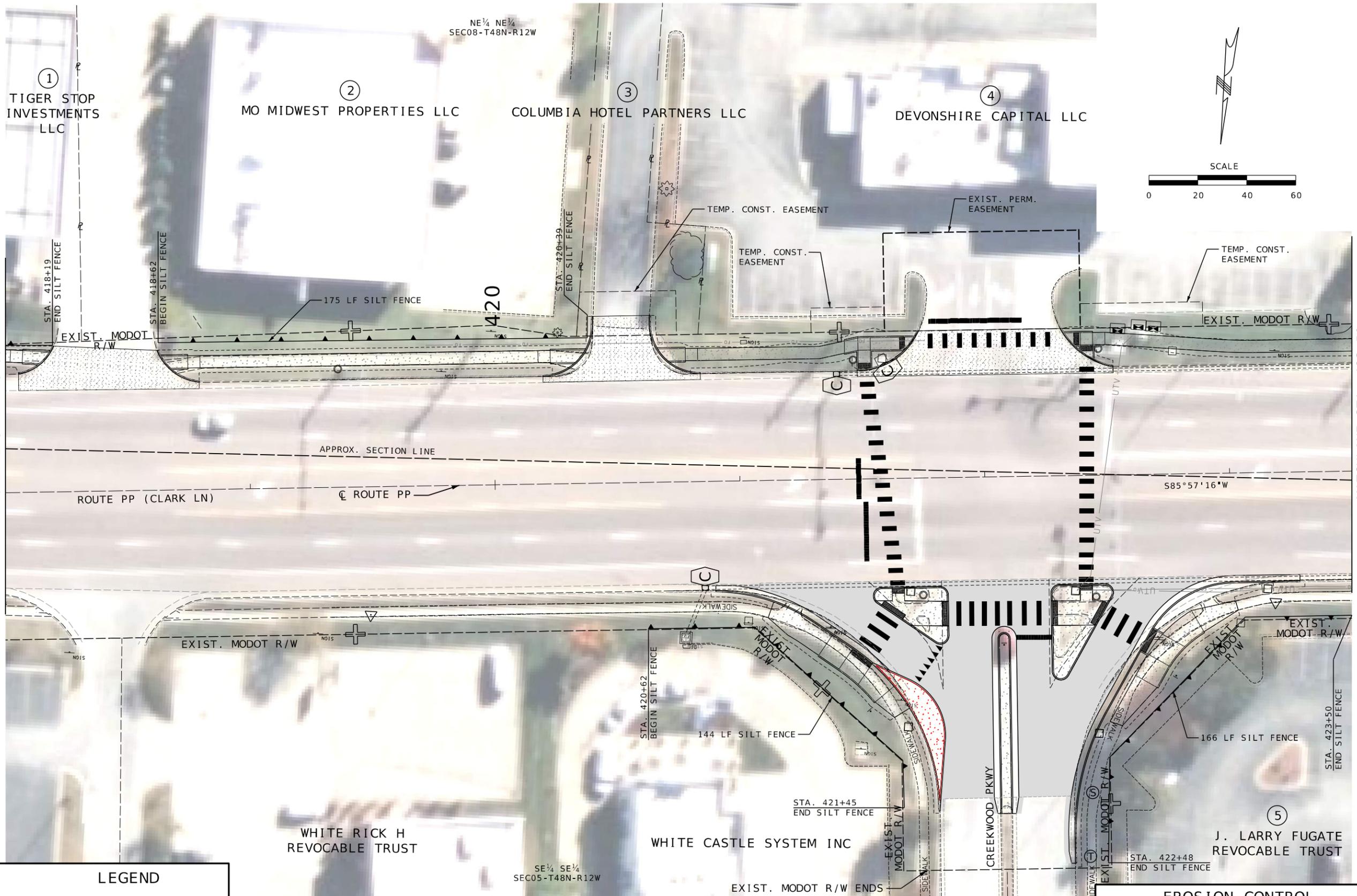
Consult engineers Inc planners
 7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256-5153
 HG CONSULT, INC.
 PRO. ENGINEER 201005873

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- [] TYPE 3 BARRICADE
- C ADA COMPLIANT BARRICADE
- CHANNELIZER
- ▬ TRUCK MOUNTED ATTENUATOR (TMA)
- ▨ WORK AREA

TRAFFIC CONTROL SHEET
 RTE PP
 PHASE 2
 SHEET 2 OF 4

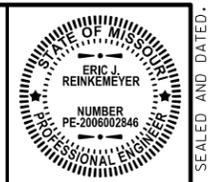
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



LEGEND

	SILT FENCE
	CURB INLET CHECK

**EROSION CONTROL
RTE PP & CREEKWOOD PKWY
EROSION CONTROL SHEET 3 OF 5
SHEET 2 OF 4**



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 41
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

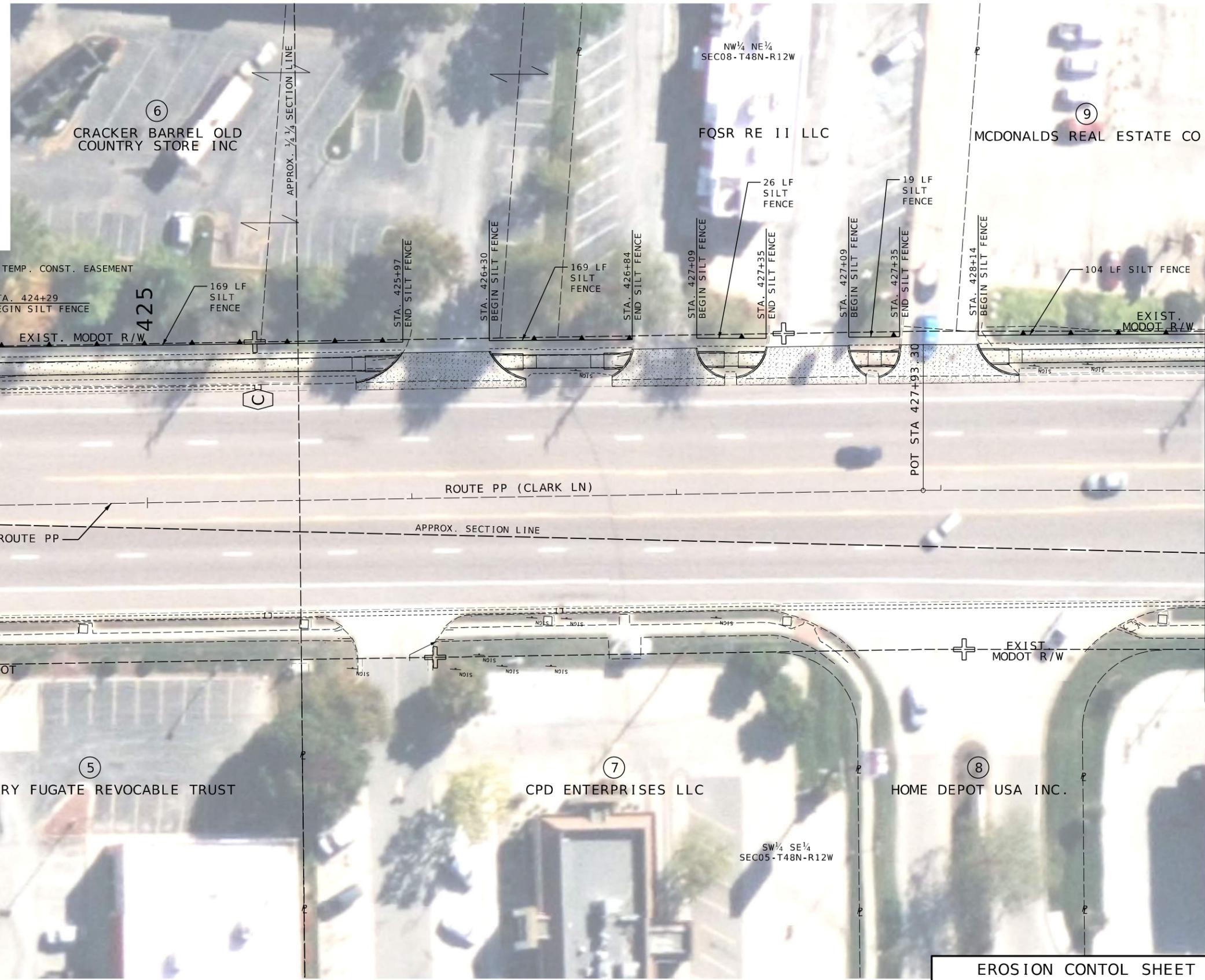
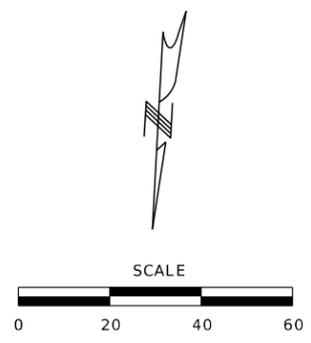
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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PRO. ENGINEER 2010005873
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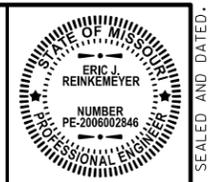


MATCHLINE STA. 423+50

MATCHLINE STA. 429+00

LEGEND	
	SILT FENCE
	CURB INLET CHECK

EROSION CONTROL SHEET
 RTE PP
 EROSION CONTROL SHEET 4 OF 5
 SHEET 3 OF 4



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 42
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Consult engineers inc planners

7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256.5153

HG CONSULT, INC.
 PRO. ENGINEER 2010005873

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

Main table with columns: LOCATION (APPROACH, STATION, OFFSET), BASE (A, F, C), PULL BOX (PREFORMED, CONCRETE), POST (TYPE C & CL, TYPE B & BL), and LUMINAIRE BRACKET ARM*.

SUBTOTAL and TOTAL rows for the main table, showing quantities and values.

SIGNAL HEADS

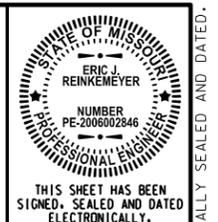
Table for SIGNAL HEADS with columns: SPAN NUMBER, POST NUMBER, FACE NUMBER, LUMINAIRE, INDICATIONS, VISORS, LOUVERS, BACKPLATE, RETROREFLECTIVE BACKPLATE, BRACKET, ONE-FACE SECTION, TWO-FACE SECTIONS.

SUBTOTAL and TOTAL rows for the SIGNAL HEADS table, including subtotals for optically limited and conventional types.

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.

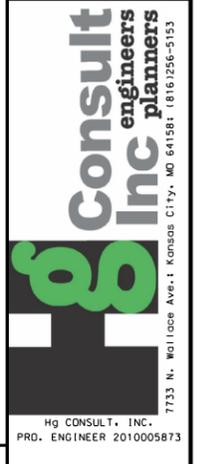
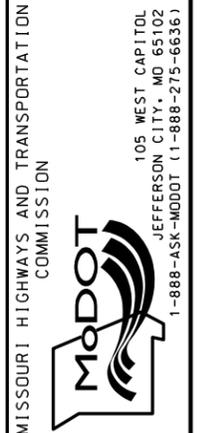
LEGEND: T - TOP MOUNT, S - SIDE MOUNT, C - SPANWIRE MOUNT, B - MAST ARM MOUNT

SIGNAL SHEET 2 OF 42 (RTE 763 AT VANDIVER DR. 2 OF 6) INTERSECTION



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY. 3/4/2026. ROUTE VAR., STATE MO, DISTRICT CD, SHEET NO. 45. COUNTY BOONE, JOB NO. JCD0125, CONTRACT ID.

DESCRIPTION and DATE columns for the project details.



D-37A

POWER SUPPLY												
LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	CONTROLLER		POWER SUPPLY DISCONNECT		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
					AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER	SIGNALS LIGHTING				
RTE. PP APPROACH SW CORNER			Type		15 Amps						CI.	FL.
			Type		15 Amps							CI.

** POWER SUPPLY IS EXISTING

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT																										
LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH		COORDINATION INTERFACE *				TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		170 SOFTWARE *							
APPROACH	STATION	OFFSET	NEMA		NEMA		TYPE		12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP		FIBER	E			332		336S		BITRAN		WAPIT1		
			170	170	I	II	MASTER	LOCAL	NEMA	170		E	EV		DOUBLE	332	336S	BITRAN	WAPIT1							
RTE. PP APPROACH - SW CORNER																										

*** CONTROLLER ASSEMBLY IS EXISTING

NEMA DETECTOR ASSIGNMENT									
CARD POSITION									
		1	2	3	4	5	6	7	8
CHANNEL	1	*****	*****	*****	*****	*****	*****	*****	*****
	2	*****	*****	*****	*****	*****	*****	*****	*****

**** VEHICLE DETECTION IS EXISTING
TOTAL NUMBER OF DETECTOR CARDS (2-CHANNEL) = (2)

DETECTOR SCHEDULE				
DETECTOR NUMBER	APPROACH	TYPE		
		PUSH BUTTON (APS)	PUSH BUTTON EXTENSION	OPTIONAL DETECTION (APPROACH)
23	PHASE 2	1		
24	PHASE 2	1		
43	PHASE 4	1		
44	PHASE 4	1		
63	PHASE 6	1		
64	PHASE 6	1		
83	PHASE 8	1		
84	PHASE 8	1		
31,81,82	PHASE 3/ PHASE 8			1
71,41,42	PHASE 7/ PHASE 4			1
61	PHASE 6			1
51,21,22	PHASE 5/ PHASE 2			1
TOTAL		8		4

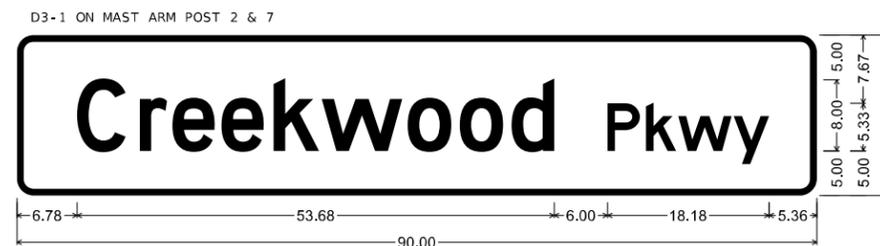
* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

- (1) MoDOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWIRE INTERCONNECT.
- (2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

NEMA LOAD SWITCH ASSIGNMENTS											
1	2	3	4	5	6	7	8	9	10	11	12
#	#	#		#	#	#	#	02 PED	04 PED	06 PED	08 PED

VEHICLE LOAD SWITCHES ARE EXISTING

SIGNAL SIGNS					
QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA	SIGNAL SIGN MOUNTING HARDWARE
				ITEM NO. 90208.33	ITEM NO. 90208.34
		INCHES	SQ. FT.	SQ. FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
2	D3-1 ***	90 X 18	11.3	22.5	2
	D3-1B ***	VAR. X 18			
4	R10-3E(L)	9 X 15	0.9	3.6	4
4	R10-3E(R)	9 X 15	0.9	3.6	4
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
2	R10-27A	30 X 36	7.5	15.0	2
SUBTOTAL				44.7	12
TOTAL				44.7	12

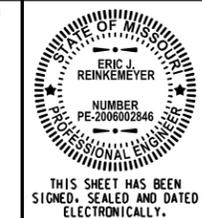


1.88" Radius, 0.75" Border, White on Green;
"Creekwood", D 2K; "Pkwy", D 2K;

SIGNAL SHEET 10 OF 42
(RTE. PP AT CREEKWOOD PKWY. 4 OF 6)

INTERSECTION

D-37C



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026

ROUTE STATE VAR. MO DISTRICT SHEET NO. CD 53

COUNTY BOONE

JOB NO. JCD0125

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/4/2026

ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
CD 55

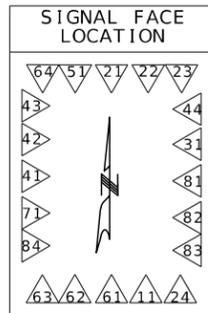
COUNTY
BOONE

JOB NO.
JCD0125

CONTRACT ID.

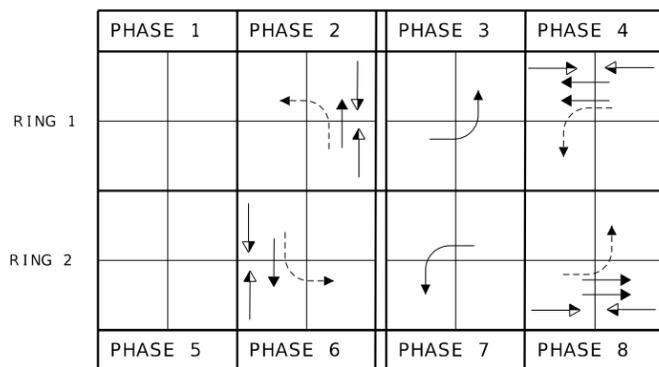
PROJECT NO.

BRIDGE NO.



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

		PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø2 OVERLAP	PED Ø4 OVERLAP	PED Ø6 OVERLAP	PED Ø8 OVERLAP			
FACE NUMBERS			51 21 22 31		71 41 42		11 61 62 71		31 81	23 24	43 44	63 64	83 84	FACE NUMBERS		
SIGNAL INDICATIONS	R		R R R	R	R R R		R R R	R	R R	DW DW	DW DW	DW DW	DW DW	R		
	Y		Y Y Y	YL	Y Y Y		Y Y Y	YL	Y Y	FDW FDW	FDW FDW	FDW FDW	FDW FDW	Y		
	FYL				FYL				FYL					FYL		
	G		G G G	L	G G		G G G	L	G	W W	W W	W W	W W	G		
DETECTOR ASSIGNMENTS														DETECTOR ASSIGNMENTS		
										DETECTOR ASSIGNMENTS (PES. ONLY)	23 24	43 44	63 64	83 84		
										OVERLAP PARENT PHASES	2 2	4 4	6 6	8 8		



RING STRUCTURE

IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND	
	ACTUATED VEHICULAR MOVEMENT
	PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
	NON-ACTUATED VEHICULAR MOVEMENT
	PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
	ACTUATED PEDESTRIAN MOVEMENT
	NON-ACTUATED PEDESTRIAN MOVEMENT
	VEHICLE STOPPED
FDW	FLASHING DON'T WALK
W	WALK
DW	DON'T WALK
R/W	RIGHT OF WAY INTERVAL
YRt	YELLOW RIGHT ARROW
RT	GREEN RIGHT ARROW
YL	YELLOW LEFT ARROW
L	GREEN LEFT ARROW
S	GREEN STRAIGHT AHEAD ARROW
G	CIRCULAR GREEN
Y	CIRCULAR YELLOW
R	CIRCULAR RED
RL	RED LEFT ARROW
Ø	TRAFFIC PHASE
AO	ALL OTHERS
FR	FLASHING RED
FY	FLASHING CIRCULAR YELLOW
FYL	FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL APPROACHES	FR
CONTROLLER TYPE	EX

TRAFFIC SIGNAL CONTROL OPERATION	
INTERSECTION OF RTE. PP	
WITH CREEKWOOD PKWY.	

SIGNAL SHEET 18 OF 42
(RTE. PP AT CREEKWOOD PKWY. 6 OF 6)

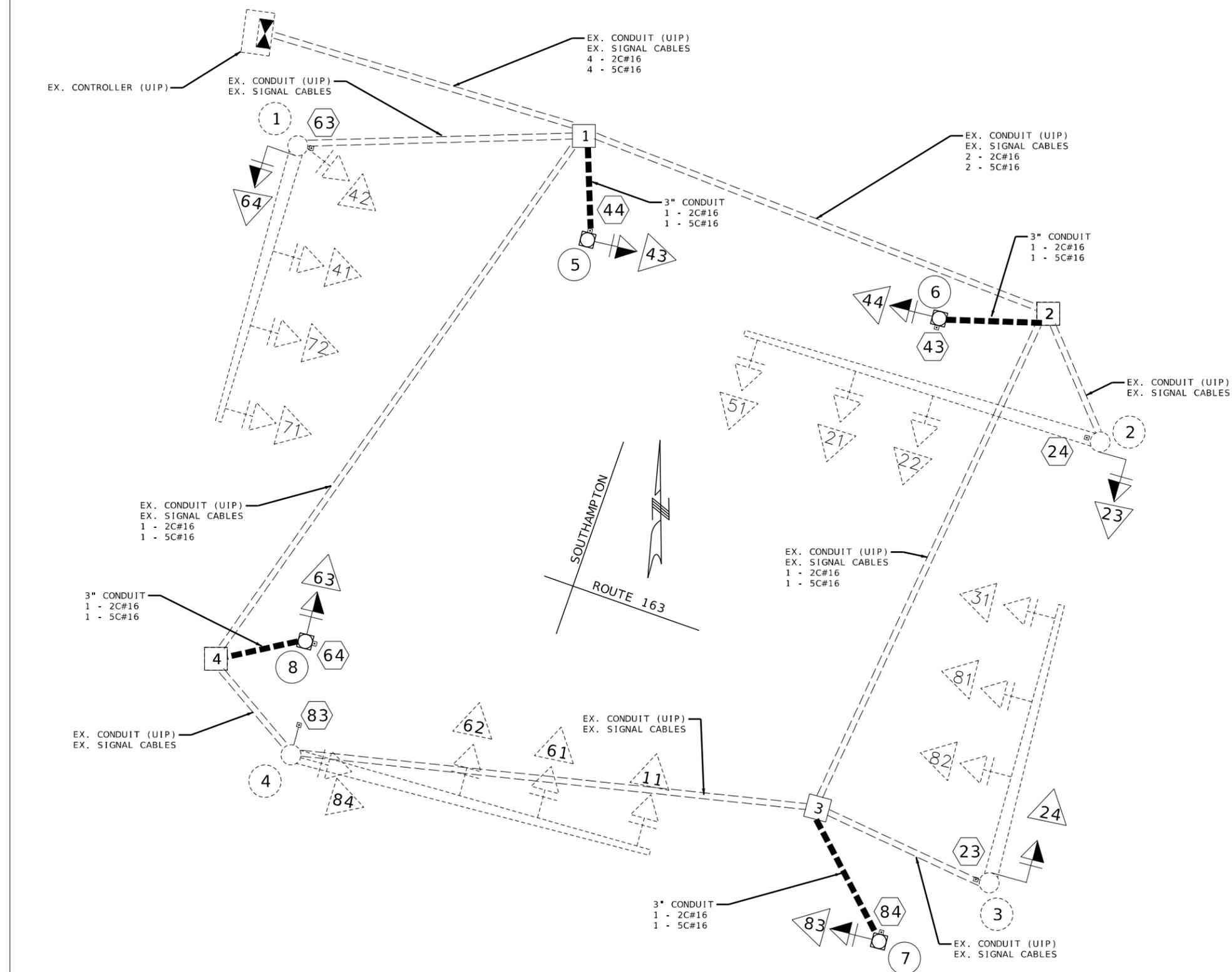
D-38E

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

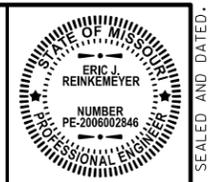
consult engineers inc planners
7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256-5153
HG CONSULT, INC.
PRO. ENGINEER 2010005873

WIRING DIAGRAM



CABLES SHOWN ARE PROPOSED.
EXISTING CONDUIT CONTAINS ADDITIONAL CABLES.

LEGEND	
---	EXISTING CONDUIT
■ ■ ■ ■	CONDUIT TRENCHED
□ □ □ □	CONDUIT PUSHED
X-XC	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
L IC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
⊠	PULL BOX WITH NUMBER
⊙	POST / MAST ARM WITH NUMBER
⊗	DETECTOR WITH NUMBER
⊠	SIGNAL HEAD WITH NUMBER
⊠	SIGNAL CONTROLLER
⊙	POWER SUPPLY
⊠	LIGHTING CONTROLLER



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR.	STATE MO
DISTRICT CD	SHEET NO. 60
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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engineers
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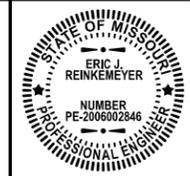
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HQ CONSULT, INC.
PRO. ENGINEER 201005873

SIGNAL SHEET 17 OF 42
(RTE. 163 AT MICK DEEVER 5 OF 6)

INTERSECTION

D-37D



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/4/2026

ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
CD 61

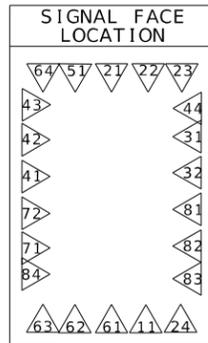
COUNTY
BOONE

JOB NO.
JCD0125

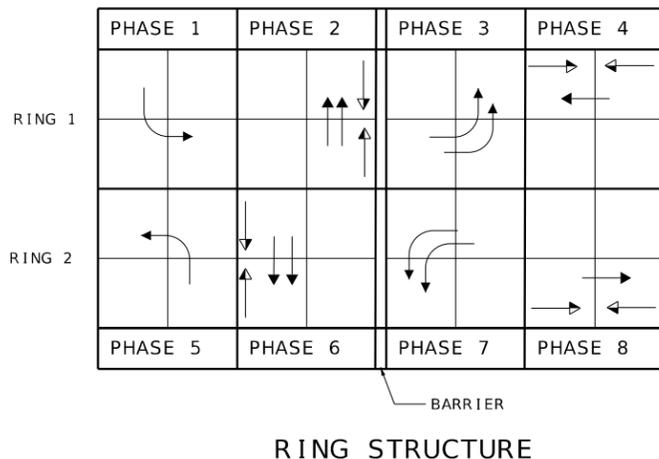
CONTRACT ID.

PROJECT NO.

BRIDGE NO.



TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS															
PHASE 1		PHASE 2		PHASE 3		PHASE 4		PHASE 5		PHASE 6		PHASE 7		PHASE 8	
PED 02 OVERLAP		PED 04 OVERLAP		PED 06 OVERLAP		PED 08 OVERLAP									
FACE NUMBERS		FACE NUMBERS		FACE NUMBERS		FACE NUMBERS		FACE NUMBERS		FACE NUMBERS		FACE NUMBERS		FACE NUMBERS	
SIGNAL INDICATIONS		SIGNAL INDICATIONS		SIGNAL INDICATIONS		SIGNAL INDICATIONS		SIGNAL INDICATIONS		SIGNAL INDICATIONS		SIGNAL INDICATIONS		SIGNAL INDICATIONS	
DETECTOR ASSIGNMENTS		DETECTOR ASSIGNMENTS		DETECTOR ASSIGNMENTS		DETECTOR ASSIGNMENTS		DETECTOR ASSIGNMENTS		DETECTOR ASSIGNMENTS		DETECTOR ASSIGNMENTS		DETECTOR ASSIGNMENTS	
DETECTOR ASSIGNMENTS (PES. ONLY)		DETECTOR ASSIGNMENTS (PES. ONLY)		DETECTOR ASSIGNMENTS (PES. ONLY)		DETECTOR ASSIGNMENTS (PES. ONLY)		DETECTOR ASSIGNMENTS (PES. ONLY)		DETECTOR ASSIGNMENTS (PES. ONLY)		DETECTOR ASSIGNMENTS (PES. ONLY)		DETECTOR ASSIGNMENTS (PES. ONLY)	
OVERLAP PARENT PHASES		OVERLAP PARENT PHASES		OVERLAP PARENT PHASES		OVERLAP PARENT PHASES		OVERLAP PARENT PHASES		OVERLAP PARENT PHASES		OVERLAP PARENT PHASES		OVERLAP PARENT PHASES	



IF CALLED, ALL NON-CONFLICTING PHASES SHALL COMBINE AND TIME CONCURRENTLY. TIME TO BE DETERMINED BY THE ENGINEER AT SIGNAL TURN ON AND SET IN THE CONTROLLER BY THE CONTRACTOR.

LEGEND	
→	ACTUATED VEHICULAR MOVEMENT
→	PARTIALLY RESTRICTED ACTUATED VEHICULAR MOVEMENT
---	NON-ACTUATED VEHICULAR MOVEMENT
→	PARTIALLY RESTRICTED NON-ACTUATED VEHICULAR MOVEMENT
→	ACTUATED PEDESTRIAN MOVEMENT
→	NON-ACTUATED PEDESTRIAN MOVEMENT
—	VEHICLE STOPPED
FDW	FLASHING DON'T WALK
W	WALK
DW	DON'T WALK
R/W	RIGHT OF WAY INTERVAL
YRt	YELLOW RIGHT ARROW
RT	GREEN RIGHT ARROW
LY -YL	YELLOW LEFT ARROW
L	GREEN LEFT ARROW
S	GREEN STRAIGHT AHEAD ARROW
G	CIRCULAR GREEN
Y	CIRCULAR YELLOW
R	CIRCULAR RED
RL	RED LEFT ARROW
Ø	TRAFFIC PHASE
AO	ALL OTHERS
FR	FLASHING RED
FY	FLASHING CIRCULAR YELLOW
FYL	FLASHING YELLOW LEFT ARROW

FLASHING OPERATION	
ALL APPROACHES	FR
CONTROLLER TYPE	EX

TRAFFIC SIGNAL CONTROL OPERATION	
INTERSECTION OF RTE. 163	
WITH MICK DEAVER	

SIGNAL SHEET 18 OF 42
(RTE. 163 AT MICK DEAVER 6 OF 6)

D-38E

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

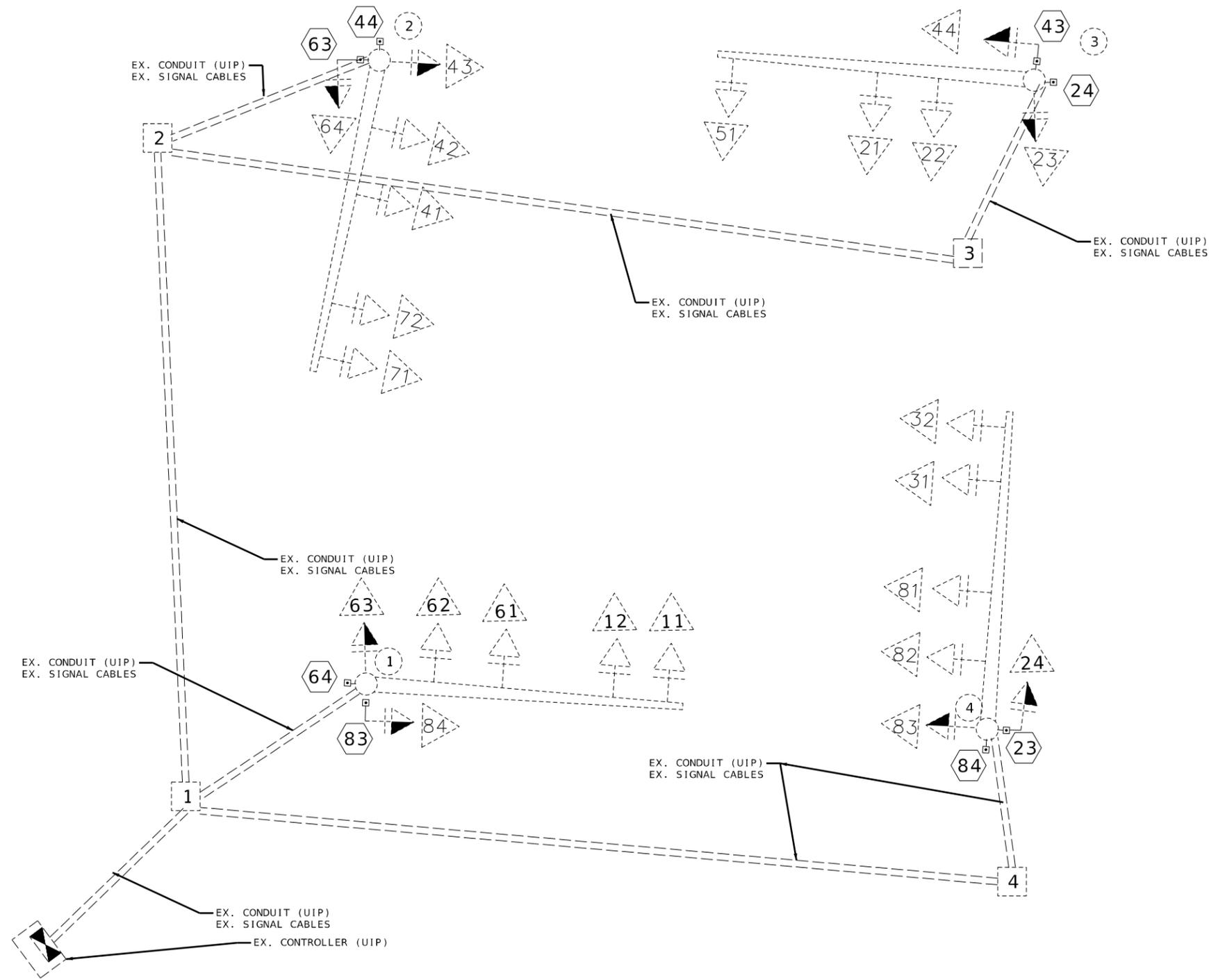
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JEFFERSON CITY, MO 65102
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consult engineers planners

7733 N. Holladay Ave., Kansas City, MO 64158 | 816.256-5153

Hg CONSULT, INC.
PRO. ENGINEER 2010005873

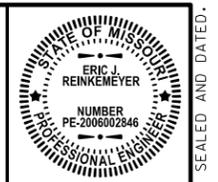
WIRING DIAGRAM



CABLES SHOWN ARE PROPOSED.
EXISTING CONDUIT CONTAINS ADDITIONAL CABLES.

LEGEND

	EXISTING CONDUIT
	CONDUIT TRENCHED
	CONDUIT PUSHED
X-XC	MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
L IC	#14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
	PULL BOX WITH NUMBER
	POST / MAST ARM WITH NUMBER
	DETECTOR WITH NUMBER
	SIGNAL HEAD WITH NUMBER
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR. MO	STATE MO
DISTRICT CD	SHEET NO. 72
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

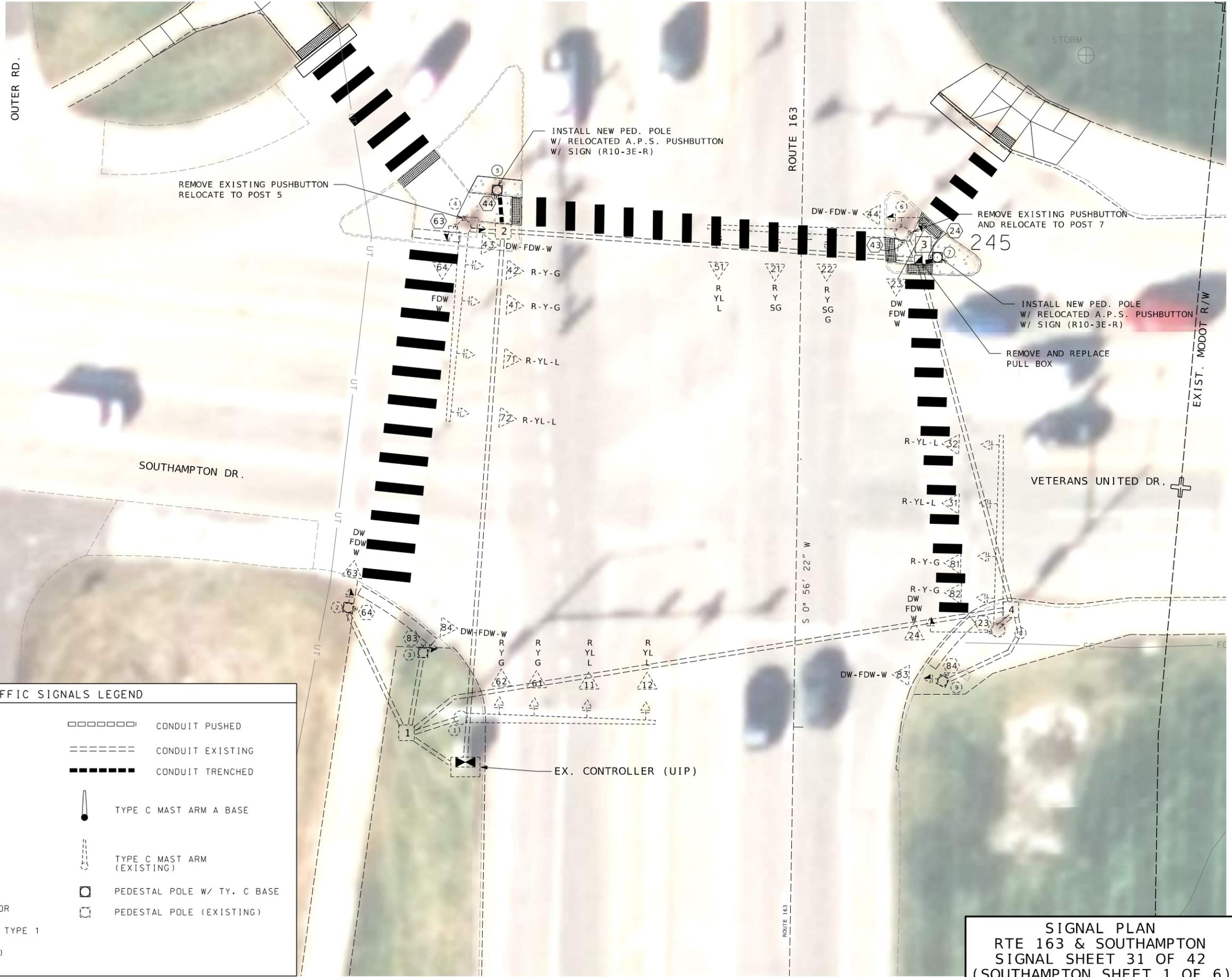
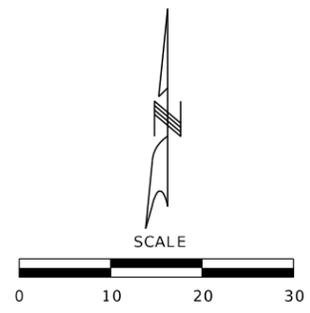
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

consult engineers inc planners
7733 N. Woll Lane Ave., Kansas City, MO 64158 | 816.256-5153

SIGNAL SHEET 29 OF 42
(RTE. 163 AT RTE. AC 5 OF 6)

INTERSECTION

D-37D



TRAFFIC SIGNALS LEGEND

	CONTROLLER		CONDUIT PUSHED
	CONTROLLER (EXISTING)		CONDUIT EXISTING
	SIGNAL HEAD (PEDESTRIAN)		CONDUIT TRENCHED
	SIGNAL HEAD (STANDARD)		TYPE C MAST ARM A BASE
	SIGNAL HEAD (PEDESTRIAN) (EXISTING)		TYPE C MAST ARM (EXISTING)
	SIGNAL HEAD (STANDARD) (EXISTING)		PEDESTAL POLE W/ TY. C BASE
	PUSH BUTTON DETECTOR		PEDESTAL POLE (EXISTING)
	PREFORMED PULL BOX TYPE 1		
	PULL BOX (EXISTING)		

SIGNAL PLAN
RTE 163 & SOUTHAMPTON
SIGNAL SHEET 31 OF 42
(SOUTHAMPTON SHEET 1 OF 6)

ERIC J. REINKEMEYER
 NUMBER PE-200602846
 PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/4/2026	
ROUTE VAR. CD	STATE MO SHEET NO. 74
COUNTY BOONE	
JOB NO. JCD0125	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
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 PRO. ENGINEER 201005873

