MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY FINAL PLANS VERNON COUNTY

DESIGN DESIGNATION

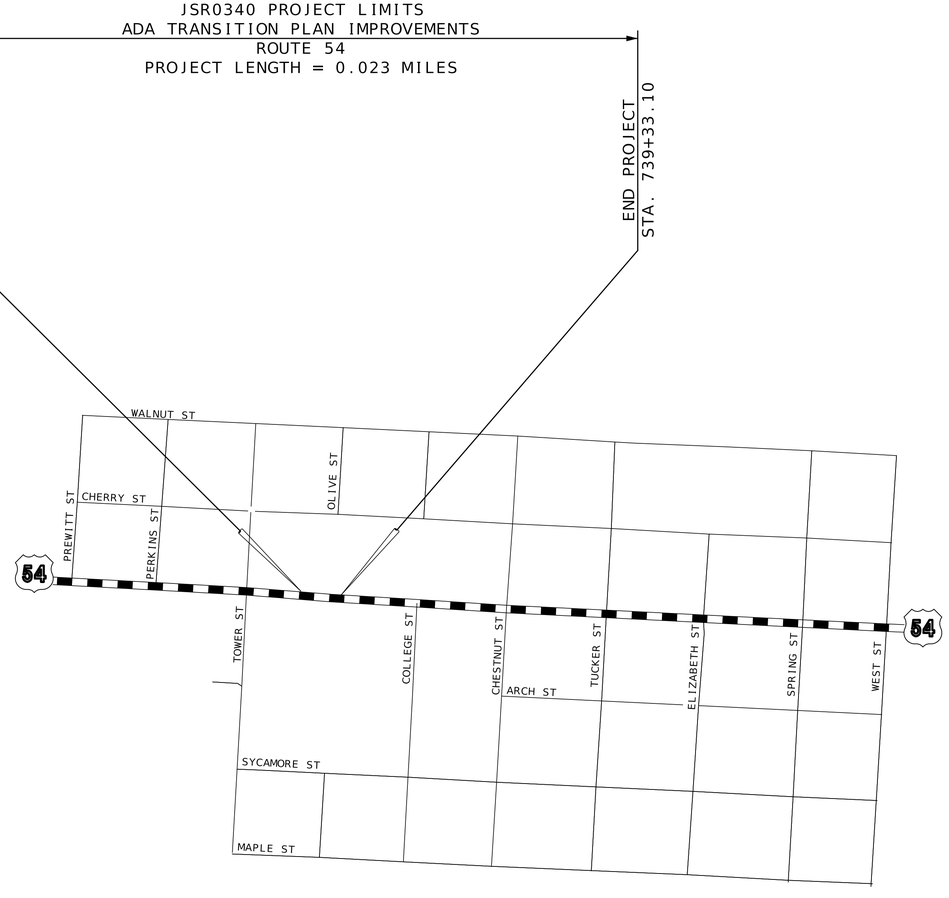
A.A.D.T. - 2023 = 5,108

V = 30 M.P.H.

FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

NO NEW R/W REQUIRED

KEY MAP
LOCATION OF VERNON COUNTY



NOT TO SCALE

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	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	V	
WOVEN WIRE	X	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
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QUANTITIES (QU) (2 SHEETS)	3
PLAN (PL)	4
COORDINATE POINTS (CP)	5
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LIGHTING (LT)	12
SIGNALS (SG)	13-18
SIGNING (SN)	19-20
PAVEMENT MARKING (PM)	21

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 738+13.37
END OF PROJECT	STA. 739+33.10
APPARENT LENGTH	119.73 FEET

EQUATIONS AND EXCEPTIONS:
NONE

TOTAL CORRECTIONS	0	FEET
NET LENGTH OF PROJECT	119.73	FEET
STATE LENGTH	0.023	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	<1	ACRES

STATE OF MISSOURI
CAMERON SOOY
NUMBER -2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:08-06'00'
02/03/2026 11:07:46
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
VERNON

JOB NO.
JSR0340

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

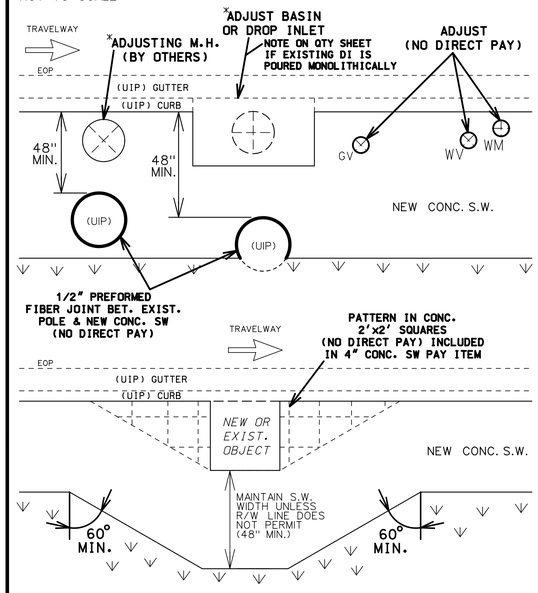
DESCRIPTION	DATE

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

1. CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 609.00.
2. TINTED CONCRETE SHALL NOT BE USED. 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)
3. CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
4. 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 SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
5. 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.
6. CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
   RUNNING SLOPE = >5% (MIN.) TO 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% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
7. 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.
8. "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
9. 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).
10. 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% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.
14. IF THERE IS NO EXISTING CURB & GUTTER, OFFSET THE EOP 2.5' BEFORE CONSTRUCTING ANY CURBING, RAMP OR SIDEWALK.

NOT TO SCALE

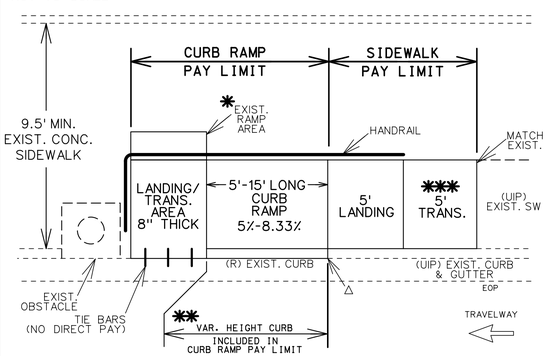


UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE

NOT TO SCALE

REVISED: 2025-06-24



△ MATCH EXIST CURB

* FILL IN WHERE EXIST. RAMP WAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

** VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

*** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

HANDRAIL 2' OFF E.O.P (SEE HANDRAIL STANDARDS)

CURB RAMP - IN EXISTING 9.5'+ WIDE SW

PAY LIMITS

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
Cameron Sooy
2026.02.03 11:07:08-06'00'
PROFESSIONAL ENGINEER
02-03-2026 11:07:08
CAMERON SOOY - CIVIL
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DATE PREPARED	2/3/2026
ROUTE	54
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DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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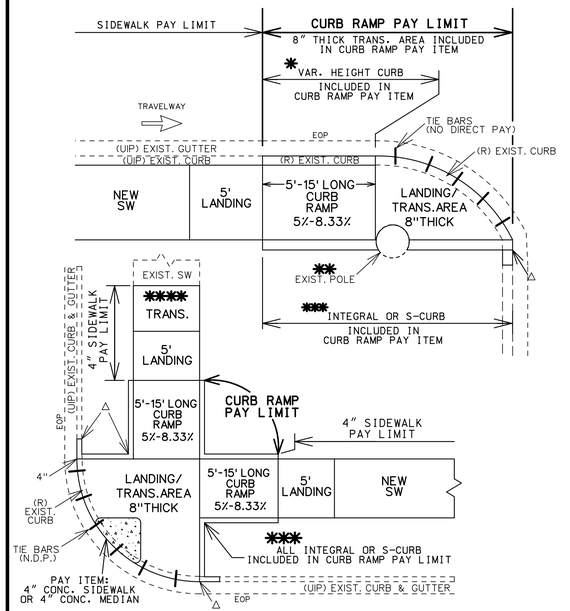


△ MATCH EXIST CURB HEIGHT, OPTIONAL 1' TIE-IN TO EXIST CURB

* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONST. MONOLITHIC OR SEP. DEPENDING ON CONST. OPERATIONS.

** NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AND TRANSITION AREAS.

*** TYPE OF CURB WILL DEPEND ON FIELD CONDITIONS.

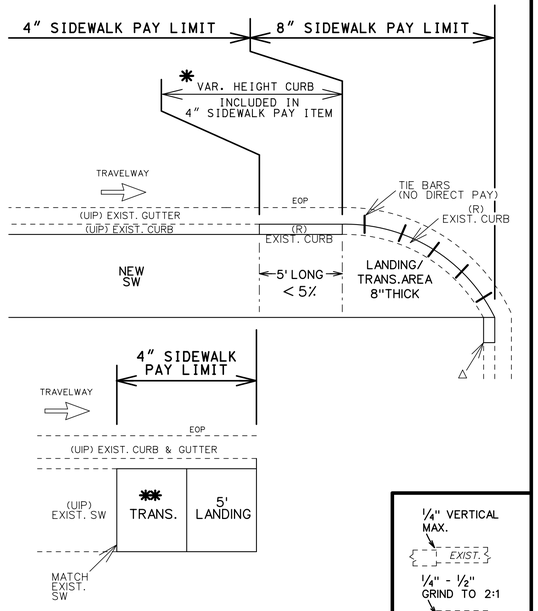
*** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

CURB RAMP

PAY LIMITS

WHEN RAMP AREA IS LONGER THAN 5'AND BETW. 5%-8.33% GRADE, IT IS CONSIDERED A CURB RAMP

NOT TO SCALE



△ MATCH EXIST CURB HEIGHT (1' TAPER FROM SIDEWALK UP TO EXIST CURB HEIGHT)

* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS. DOWEL TO EXIST. GUTTER/PAVEMENT (NO DIRECT PAY).

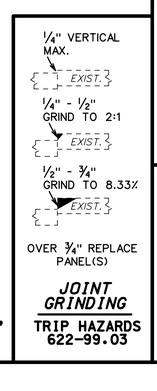
** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

SIDEWALK

PAY LIMITS

WHEN RAMP AREA IS LESS THAN 5% GRADE, IT IS CONSIDERED SIDEWALK

NOT TO SCALE

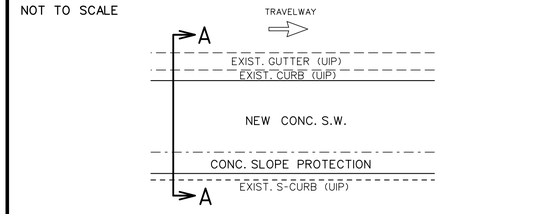


OVER 3/4" REPLACE PANEL(S)

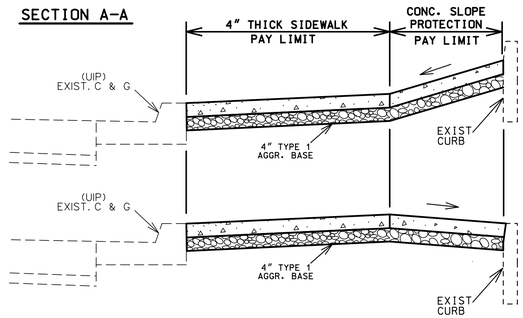
JOINT GRINDING

TRIP HAZARDS 622-99.03

NOT TO SCALE



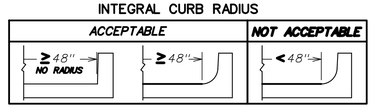
SECTION A-A



SIDEWALK WITH CONCRETE SLOPE PROTECTION

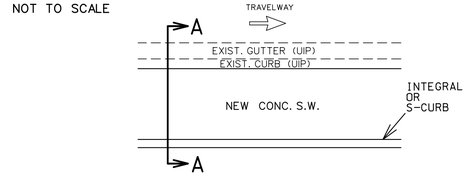
PAY LIMITS

INTEGRAL CURB RADIUS

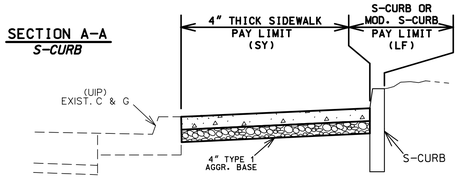


SECTION A-A
INTEGRAL CURB WITH RADIUS

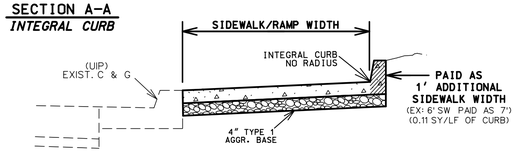
NOT TO SCALE

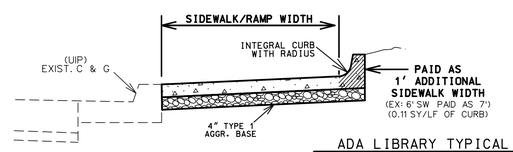


SECTION A-A
S-CURB



SECTION A-A
INTEGRAL CURB





ADA LIBRARY TYPICAL

SIDEWALK & RAMP WITH CURB

PAY LIMITS

TYPICAL SHEET
SHEET 1 OF 8

REVISED: 2025-05-30

TYPE 1-A

LENGTH (LF)	8			12			16			REMARKS
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	–	16.5	19.4	–	19.2	22.7	–	21.1	25.0	
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-B

LENGTH (LF)	8			12			16			REMARKS
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	–	14.4	16.7	–	17.1	19.8	–	19.0	22.1	
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	

TYPE 1-C

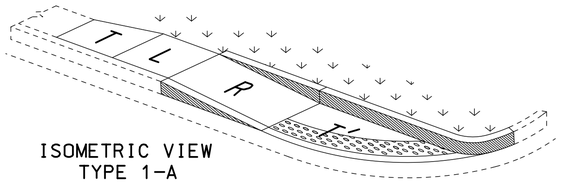
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	18.6	22.8	–	24.0	29.0	–	29.3	35.3	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	29.8	35.6	–	35.2	41.8	–	39.1	46.7	
ADA LINEAR GRADING LF	–	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-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	14.8	19.0	–	20.1	25.2	–	25.5	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.0	31.8	–	31.3	38.0	–	35.3	42.8	
ADA LINEAR GRADING LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING SY	–	13.3	13.6	–	16.0	16.9	–	18.6	19.3	

TYPE 1-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	14.0	16.0	–	14.0	16.0	–	14.0	16.0	
CURB RAMP SY	–	15.5	19.0	–	20.8	25.2	–	26.2	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.7	31.8	–	32.0	38.0	–	36.0	42.8	
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	



ISOMETRIC VIEW
TYPE 1-A

T'- IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED 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)

L - LANDING

R - RAMP

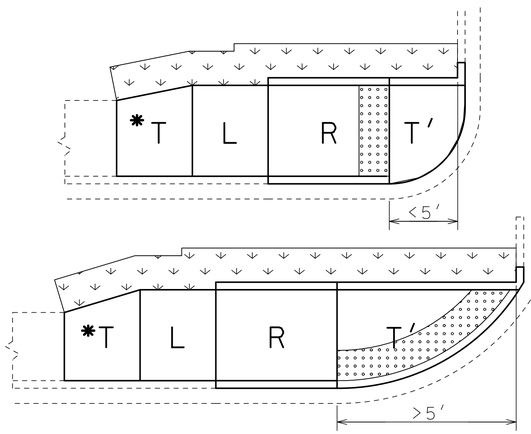
- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

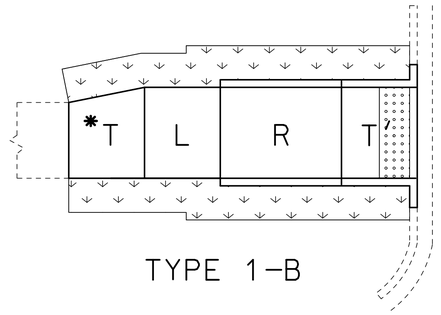
- TRUNCATED DOME LOCATION IF DIST. IS <5' OR >5'

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

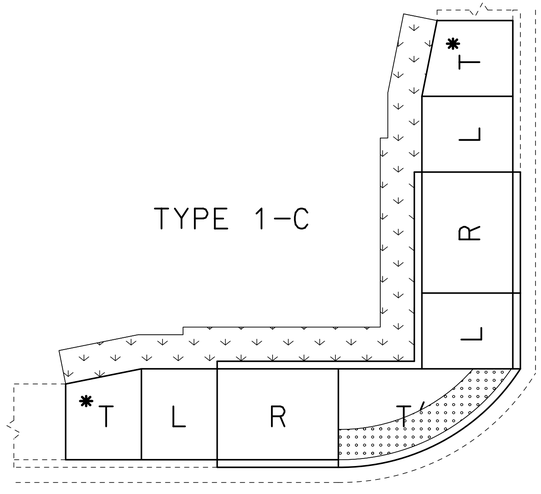
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



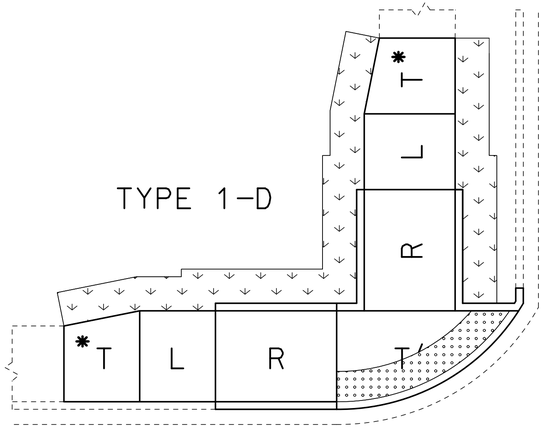
TYPE 1-A



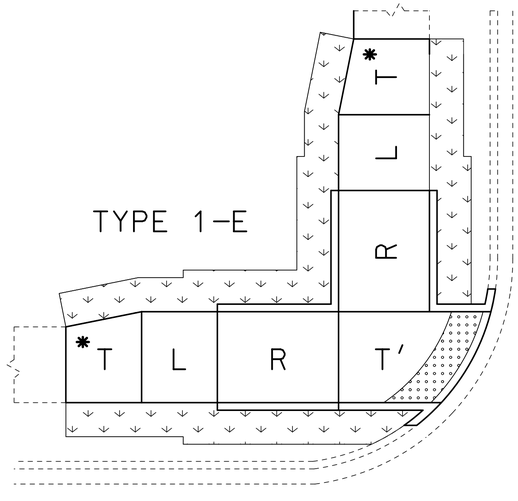
TYPE 1-B



TYPE 1-C



TYPE 1-D



TYPE 1-E

ADA LIBRARY TYPICAL

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 2 OF 8

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
Cameron Sooy
2026.02.03
07:08:06 -06'00'
PROFESSIONAL ENGINEER

02/03/2026 07:08
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0340

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)

PARALLEL – TYPE 2

TYPE 2-A

LENGTH (LF)	8			12			16			REMARKS
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	–	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	–	14.7	17.0	–	16.7	19.4	–	19.3	22.5	
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

LENGTH (LF)	8			12			16			REMARKS
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	–	17.4	19.7	–	19.4	22.1	–	22.1	25.2	
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

LENGTH (LF)	8			12			16			REMARKS
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	–	27.6	31.5	–	31.5	36.3	–	36.8	42.6	
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

LENGTH (LF)	8			12			16			REMARKS
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	–	28.0	32.0	–	32.0	36.8	–	37.3	43.0	
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	

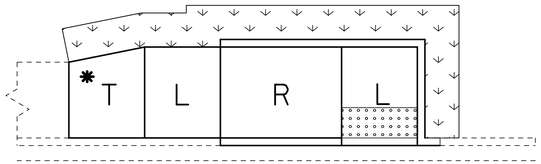
TYPE 2-E

LENGTH (LF)	8			12			16			REMARKS
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	–	16.4	18.2	–	18.2	20.4	–	20.7	23.3	
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

LENGTH (LF)	8			12			16			REMARKS
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	–	26.7	30.5	–	30.4	35.1	–	35.5	40.9	
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.



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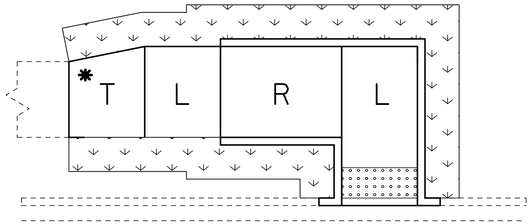
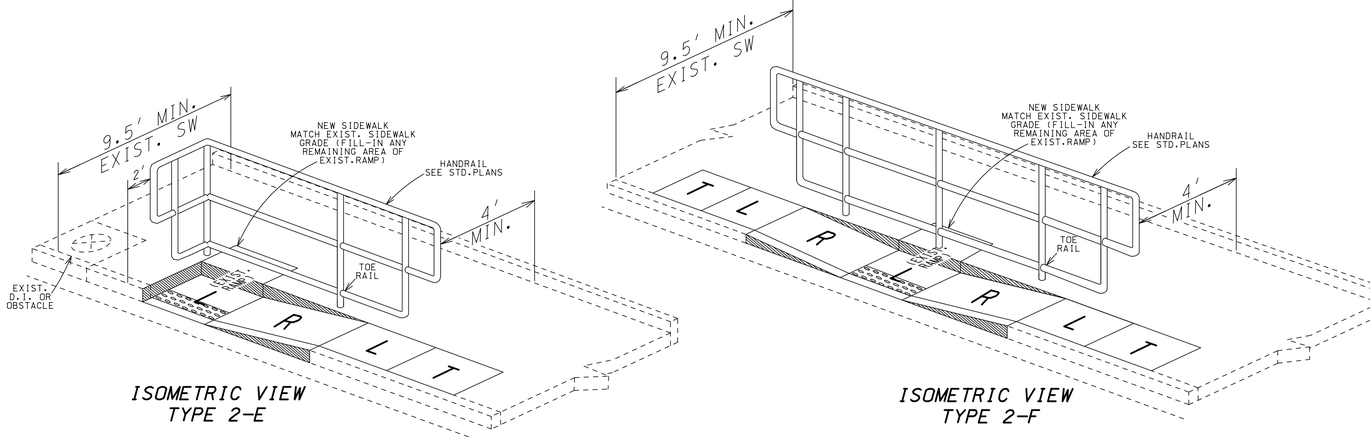


TYPE 2-B

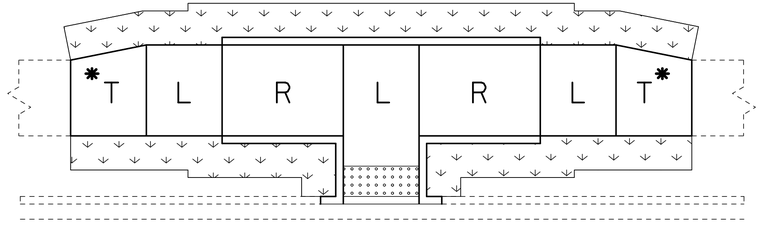


ISOMETRIC VIEW
TYPE 2-C

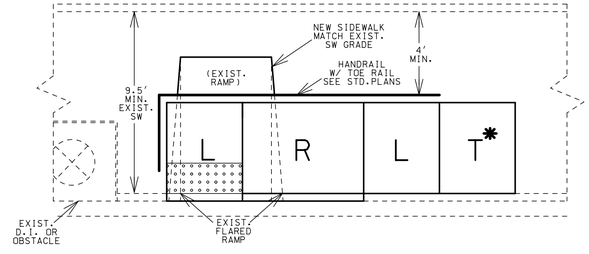
TYPE 2-C

ISOMETRIC VIEW
TYPE 2-E

ISOMETRIC VIEW
TYPE 2-F



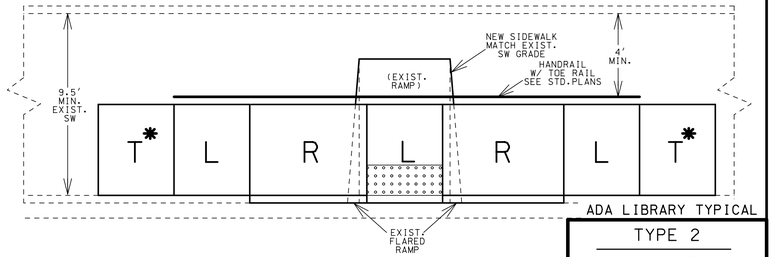
TYPE 2-D



TYPE 2-E

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



ADA LIBRARY TYPICAL

TYPE 2-F

SEE STANDARDS FOR HANDRAIL SPECS

** 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 DOMES

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)

L – LANDING

R – RAMP

– SOD SLOPE 6:1 MIN.

– CURB RAMP PAY LIMITS

REVISED: 2025-05-30

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
02/03/2026
PROFESSIONAL ENGINEER

02/03/2026 11:07:08
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0340

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)

TYPE 2
PARALLEL
CURB RAMPS

TYPICAL SHEET
3 OF 8

REVISED: 2025-05-30

PARALLEL – TYPE 2 (cont'd.)

TYPE 2-G

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	20.8	23.7	–	25.8	30.2	
CONC. SIDEWALK SY	–	21.4	25.0	–	17.6	20.3	–	15.2	17.5	
TYPE 1 AGGREGATE SY	–	37.1	43.0	–	38.4	44.0	–	41.0	47.7	
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)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	21.0	24.5	–	26.9	31.4	
CONC. SIDEWALK SY	–	13.2	16.0	–	12.0	14.2	–	12.0	14.4	
TYPE 1 AGGREGATE SY	–	28.9	34.0	–	33.0	38.6	–	38.9	45.8	
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)

T – TRANSITION TO EXISTING SW

L – LANDING

R – RAMP

– SOD SLOPE 6:1 MIN.

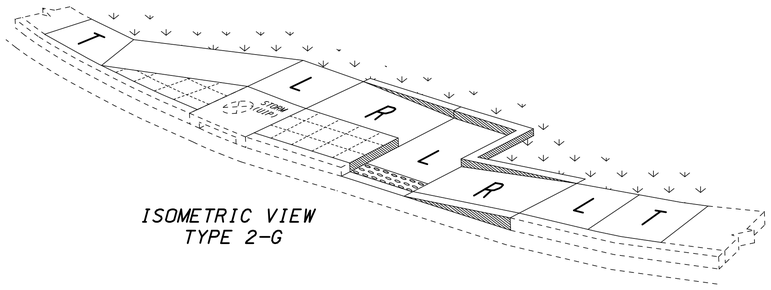
– TRUNCATED DOME LOCATION, IF DIST. IS <5' OR > 5'

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

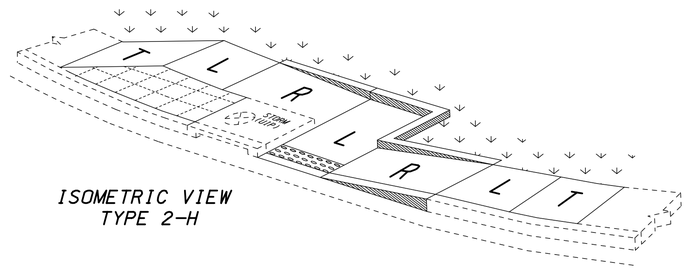
– CURB RAMP PAY LIMITS

– INCLUDED IN 4" CONC. SIDEWALK PAY LIMIT

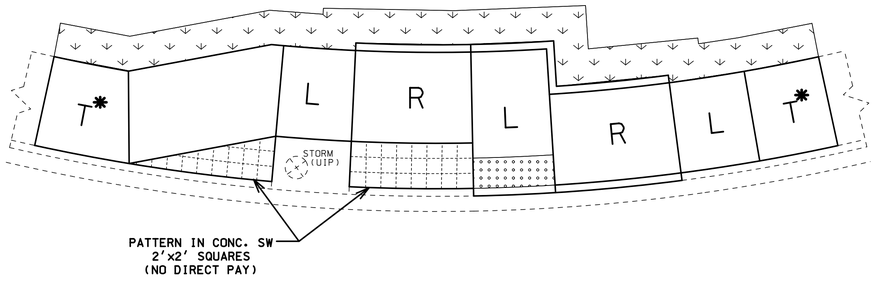
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



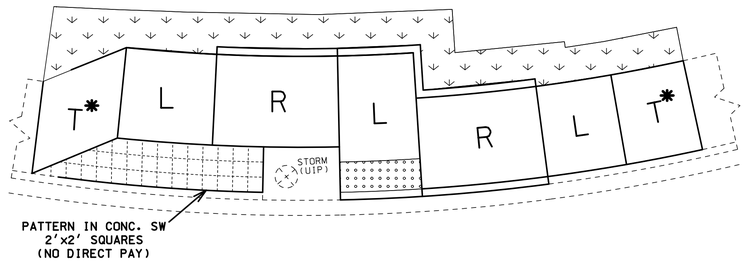
ISOMETRIC VIEW
TYPE 2-G



ISOMETRIC VIEW
TYPE 2-H



TYPE 2-G



TYPE 2-H

ADA LIBRARY TYPICAL

TYPE 2

PARALLEL CURB RAMPS

TYPICAL SHEET 4 OF 8

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
Cameron Sooy
2026.02.03
11:07:08-06'00'
PROFESSIONAL ENGINEER

02/03/2026 11:07:08
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0340

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)

DIAGONAL – TYPE 3

TYPE 3-A

LENGTH (LF)	8			12			16			REMARKS
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	–	35.6	39.8	–	36.7	42.6	–	42.0	48.8	
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	
4"SW OR MED STRIP SY	–	3.0	2.2	–	3.0	2.2	–	3.0	2.2	

TYPE 3-B

LENGTH (LF)	8			12			16			REMARKS
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	–	33.2	39.1	–	35.7	42.6	–	41.0	48.8	
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	
4"SW OR MED STRIP SY	–	1.5	1.5	–	1.5	1.5	–	1.5	1.5	

TYPE 3-C

LENGTH (LF)	8			12			16			REMARKS
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	–	31.9	39.6	–	34.9	42.9	–	40.2	49.1	
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	
4"SW OR MED STRIP SY	–	1.0	1.6	–	1.0	1.6	–	1.0	1.6	

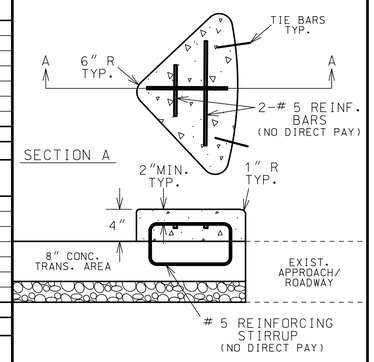
TYPE 3-D

LENGTH (LF)	8			12			16			REMARKS
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	–	21.5	25.5	–	22.6	27.1	–	25.3	30.2	
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	
4"SW OR MED STRIP SY	–	1.0	0.8	–	1.0	0.8	–	1.0	0.8	

TYPE 3-E

LENGTH (LF)	8			12			16			REMARKS
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	–	25.6	30.5	–	25.0	30.8	–	27.7	33.9	
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	
4"SW OR MED STRIP SY	–	1.6	1.6	–	1.6	1.6	–	1.6	1.6	

– DETAIL – 4" SIDEWALK OR 4" MEDIAN STRIP



T′– IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

T – TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED 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)

L – LANDING

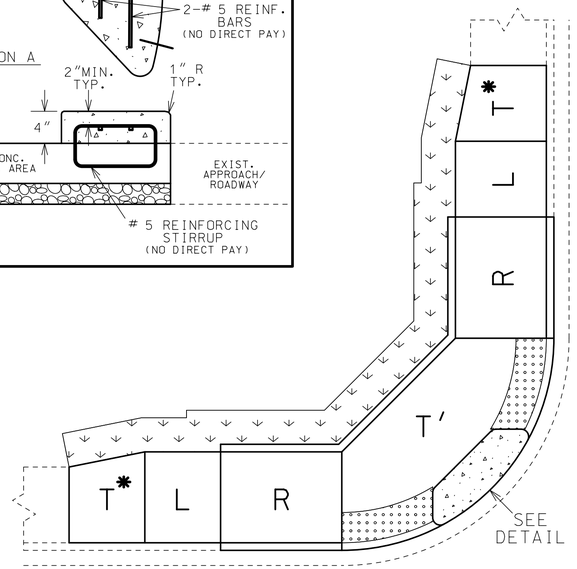
R – RAMP

– CURB RAMP PAY LIMITS

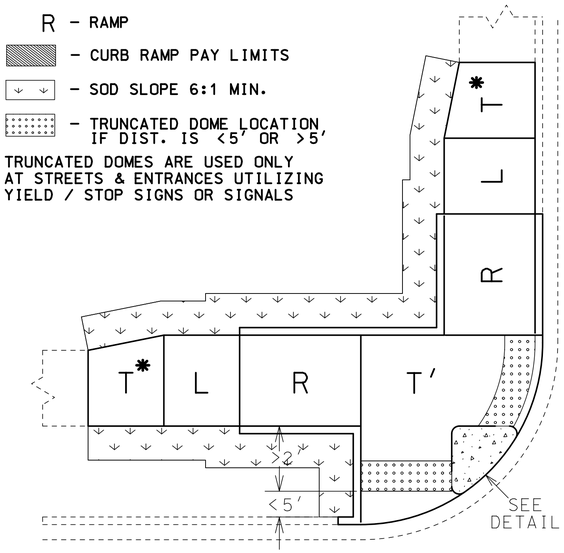
– SOD SLOPE 6:1 MIN.

– TRUNCATED DOME LOCATION, IF DIST. IS <5′ OR >5′

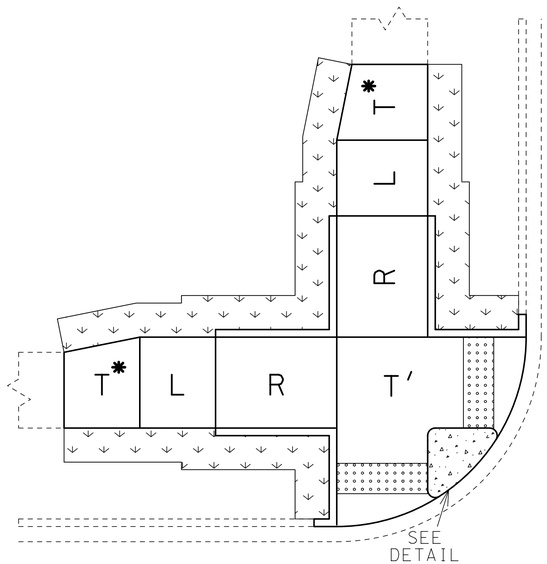
TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS



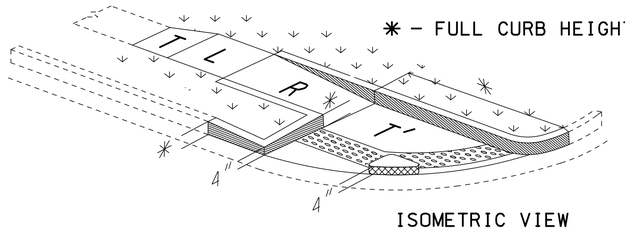
TYPE 3-A



TYPE 3-B

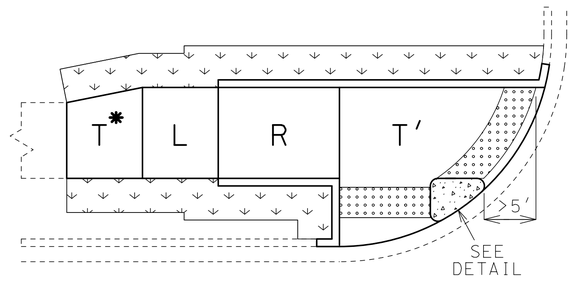


TYPE 3-C

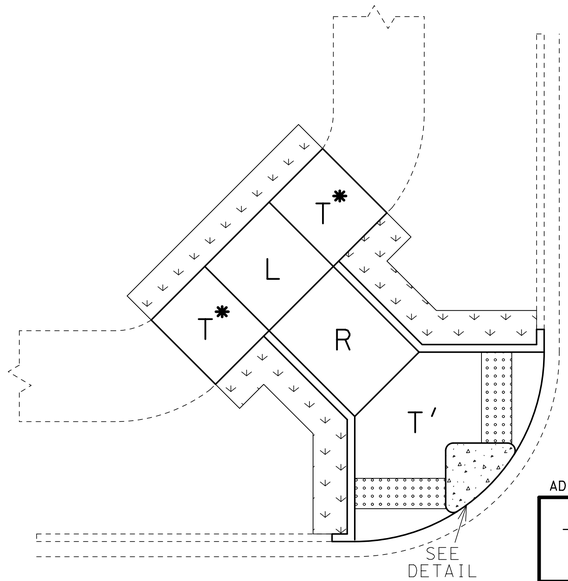


* – FULL CURB HEIGHT

ISOMETRIC VIEW
TYPE 3-D



TYPE 3-D



TYPE 3-E

ADA LIBRARY TYPICAL

TYPE 3
DIAGONAL CURB RAMPS

TYPICAL SHEET 5 OF 8

REVISED: 2025-06-09

STATE OF MISSOURI
CAMERON SOOY
NUMBER
2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03
11:07:09-06'00'
02/03/2026 11:07:08
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0340

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)

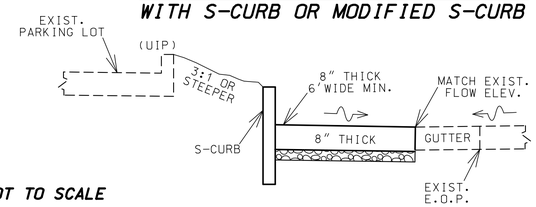
REVISED: 2022-05-16

NOTES FOR MODIFIED SIDEWALK:

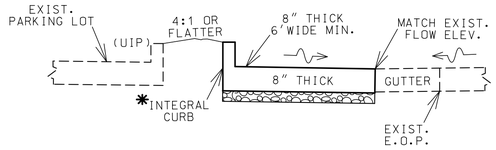
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
5. MODIFIED SIDEWALK PAID FOR AS 8" SIDEWALK.
6. 6' MINIMUM WIDTH.
7. NO DIRECT PAY FOR SAW CUTS AND TIE BARS (ON 12" CENTERS MAX.)
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

✱ INTEGRAL CURB IS PAID FOR WITH THE 8" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

SECTION A-A
WITH S-CURB OR MODIFIED S-CURB



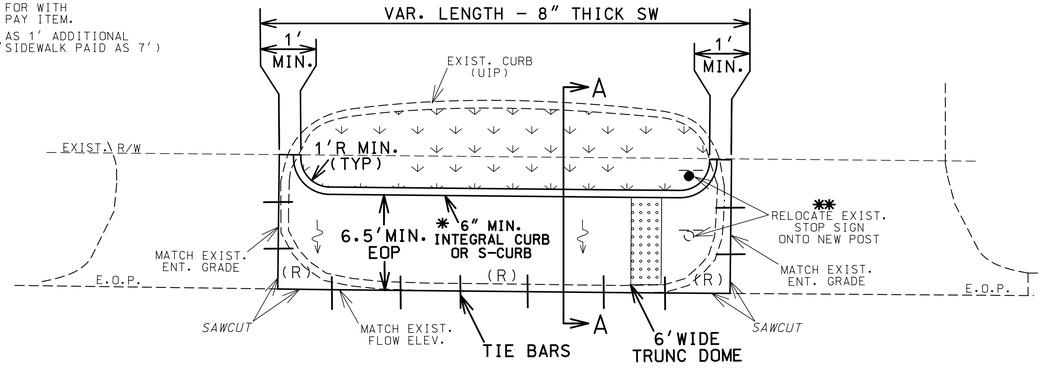
SECTION A-A
WITH INTEGRAL CURB



NOT TO SCALE

TYPICAL MODIFIED SIDEWALK
8" THICK

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

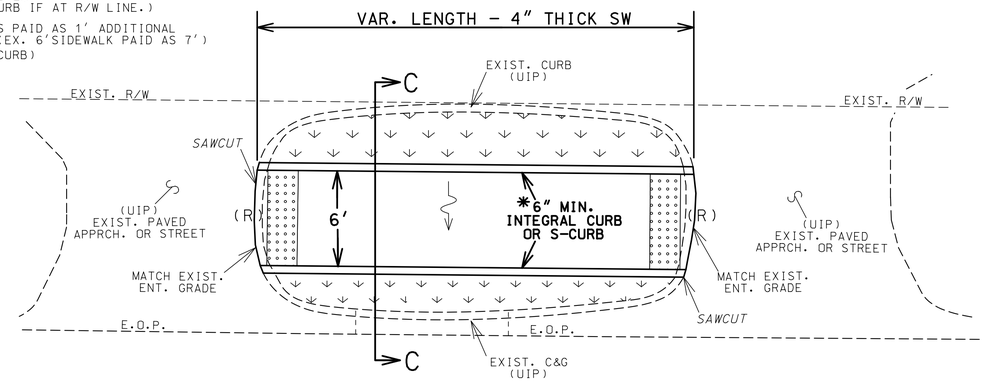


NOTES FOR CUT-THRU SIDEWALK:

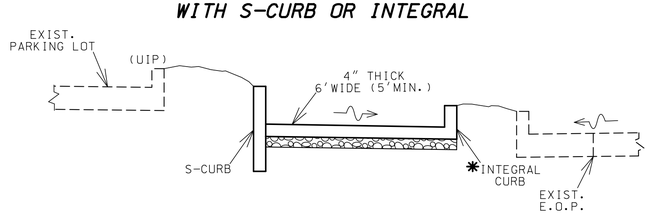
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
5. CUT-THRU SIDEWALK PAID FOR AS 4" SIDEWALK.
6. 6' PREFERRED WIDTH (5' MIN.)
7. SAW CUTS (NO DIRECT PAY).
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

TYPICAL CUT-THRU SIDEWALK

✱ INTEGRAL CURB IS PAID FOR AS 4" CONC. SIDEWALK PAY ITEM. S-CURB IS PAID FOR AS ITS OWN PAY ITEM.
(ALWAYS USE S-CURB IF AT R/W LINE.)
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)



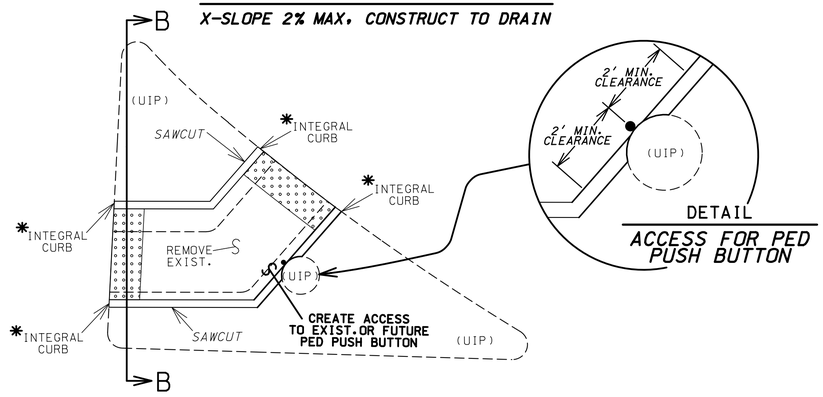
SECTION C-C
WITH S-CURB OR INTEGRAL



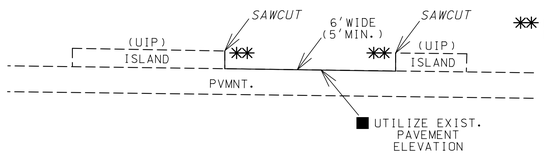
NOT TO SCALE

NOT TO SCALE

TYPICAL ISLAND CUT-THRU SIDEWALK
X-SLOPE 2% MAX. CONSTRUCT TO DRAIN



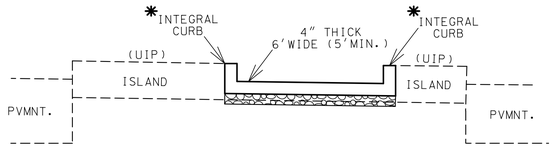
SECTION B-B
ISLAND CUT-THRU SIDEWALK FOR EXISTING 'PINNED-ON' ISLAND



■ SMALL QTY. HAS BEEN INCLUDED FOR 8" THICK SIDEWALK TO ADDRESS ANY UNFORSEEN PVMNT. REPAIRS OR DIFFERENCES IN ELEVATION. (UNDERRUN IF FIELD CONDITIONS DO NOT WARRANT)

✱✱ NO INTEGRAL CURB, AGGR. OR LIN. GRADING REQUIRED IF THE ISLAND IS 'PINNED-ON'

SECTION B-B
ISLAND CUT-THRU SIDEWALK



✱ INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

ADA LIBRARY TYPICAL

MODIFIED SIDEWALK AND SIDEWALK CUT-THRUs

TYPICAL SHEET 6 OF 8

STATE OF MISSOURI — CAMERON SOOY — NUMBER PE-2012019715 — Cameron Sooy 2026.02.03 07:09:06'00' — PROFESSIONAL ENGINEER

02/03/2026 11:07:09
CAMERON SOOY - CIVIL
MO-PE-2012019715

DATE PREPARED: 2/3/2026
ROUTE: 54 | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: VERNON
JOB NO.: JSR0340
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

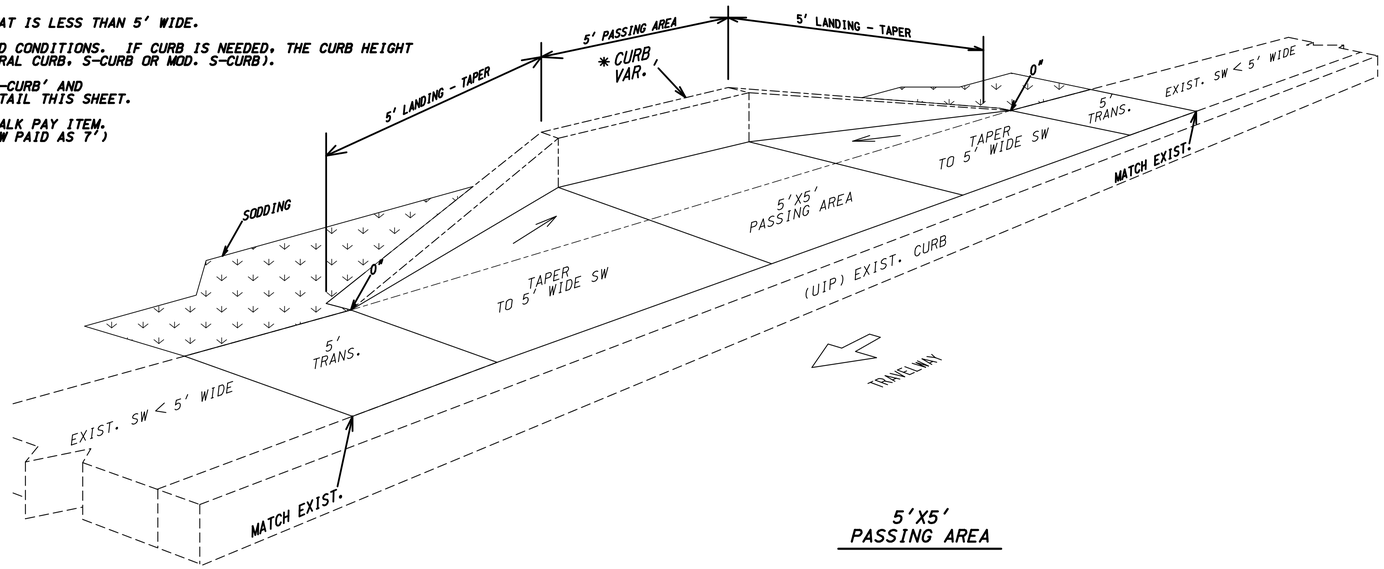
DESCRIPTION | DATE

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

REVISED: 2024-01-18

NOTES:

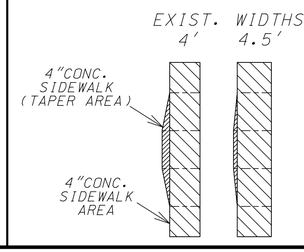
1. PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
2. * CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
4. ** 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)



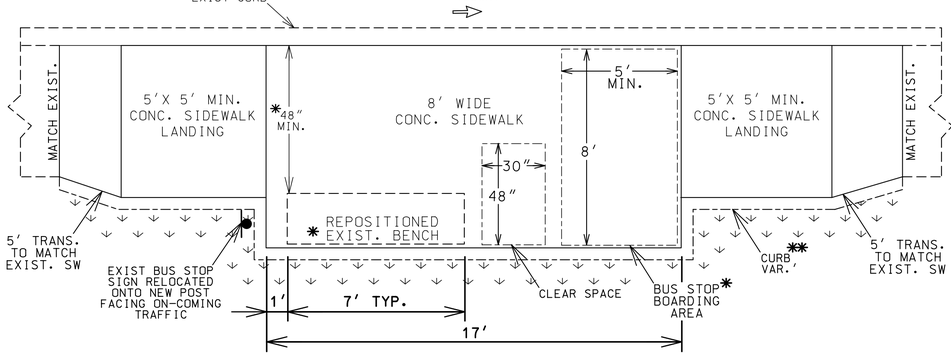
5'X5' PASSING AREA

NOT TO SCALE

QUANTITIES FOR PASSING AREAS				
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
MODIFIFED S-CURB		LF	17.2	16.0
SODDING		SY	53.0	53.0
LINEAR GRADING		LF	25.0	25.0



BUS STOP WITH BENCH



NOTES:

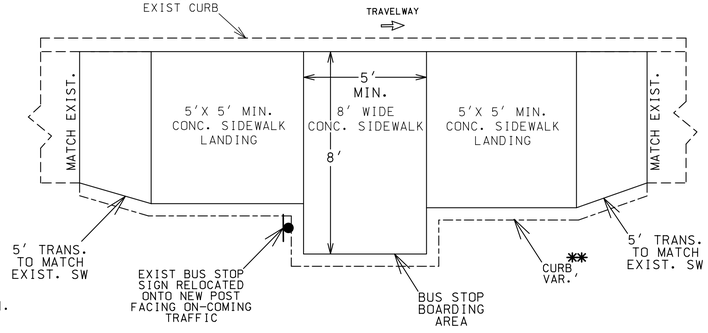
* 1. THE REPOSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX.CLEARANCE.

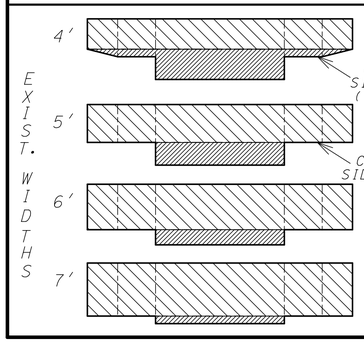
** 2. CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).

3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.

*** 4. 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)

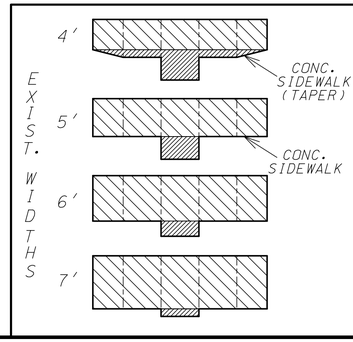
BUS STOP WITHOUT BENCH





QUANTITIES FOR BUS STOPS WITH BENCH					
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
MODIFIFED 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

NOT TO SCALE



QUANTITIES FOR BUS STOPS – NO BENCH					
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
MODIFIFED 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

ADA LIBRARY TYPICAL

PASSING AREAS AND BUS STOPS

TYPICAL SHEET 7 OF 8

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
02/03/2026 11:07:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY: VERNON

JOB NO.: JSR0340

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

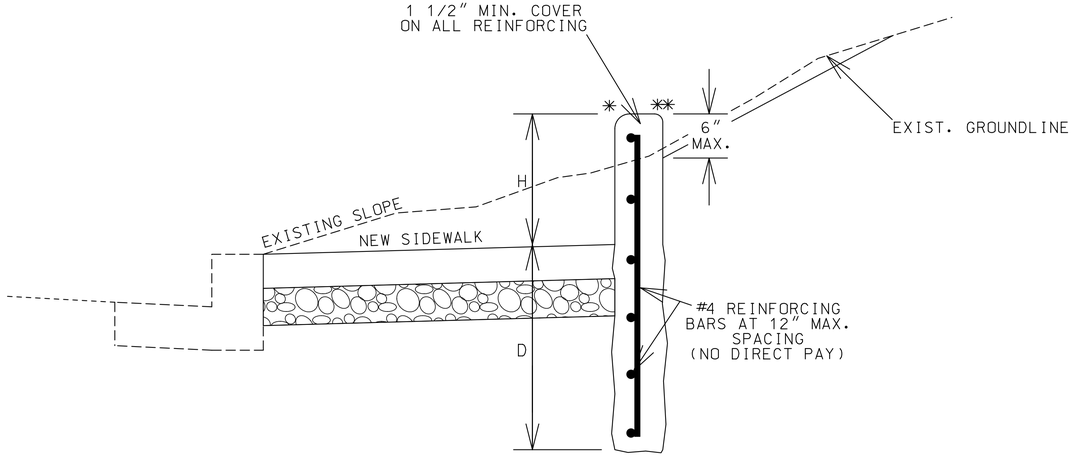
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

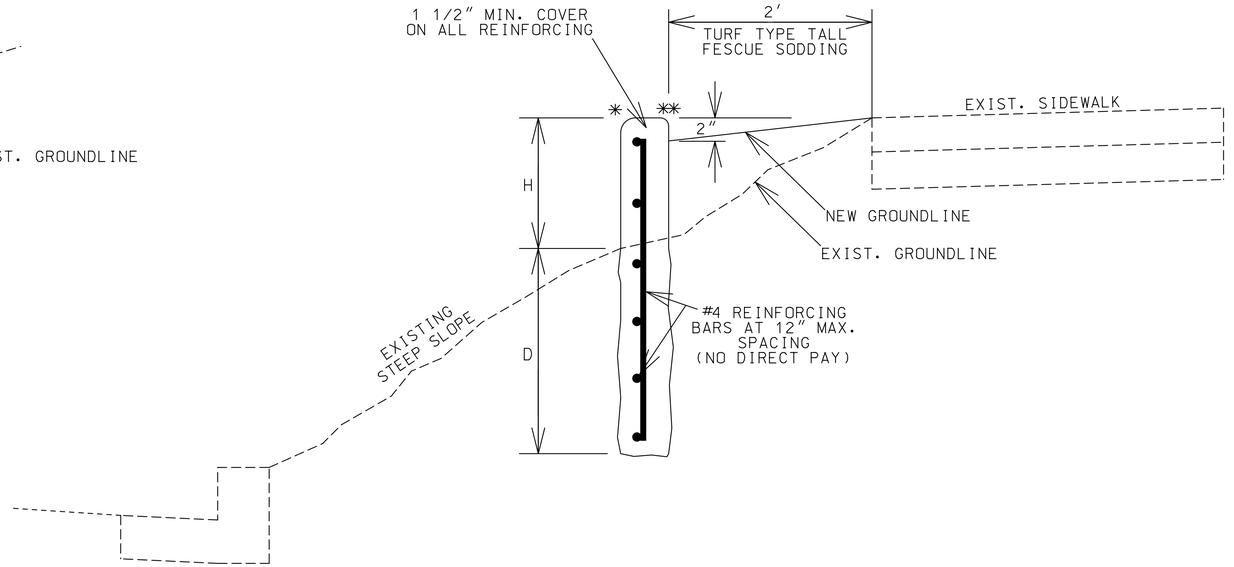
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CREATED: 2023-11-16
REVISED: 2024-02-13

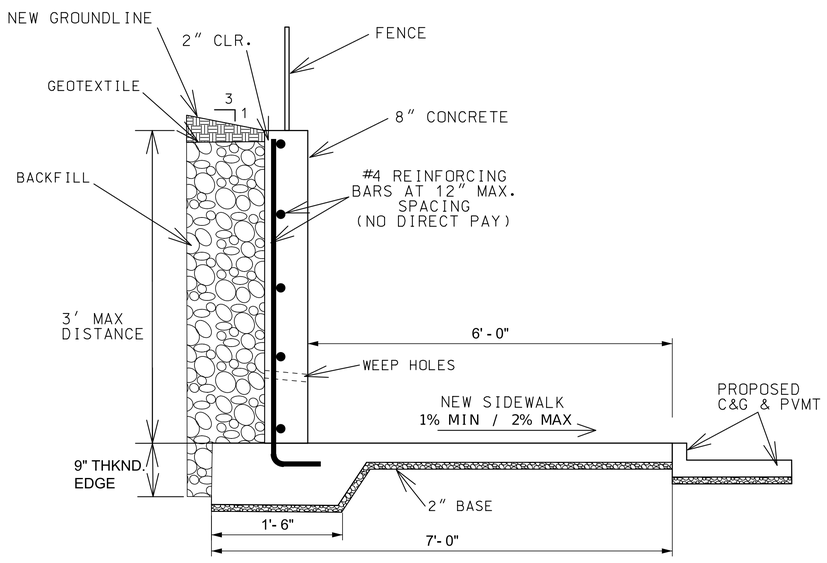
✳ ROUND TO 3/4" RADIUS
✳✳ ROUND TO 1/4" RADIUS
H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

MODIFIED S-CURB
> 12" TALL (2'-6" MAX.)





NOT TO SCALE



MODIFIED S-CURB
> 12" TALL (3'-0" MAX.)
POURED CONCRETE SIDEWALK WALL

NOT TO SCALE

ADA LIBRARY TYPICAL

MODIFIED S-CURB

TYPICAL SHEET
8 OF 8

CAMERON SOOY
NUMBER 2021019715
2026.02.03 11:07:09-06'00'
02/03/2026 11:07:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
VERNON

JOB NO.
JSR0340

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)

TRUNCATED DOMES, CURB RAMP,TYPE 1 AGGREGATE, ADA LINEAR GRADING, TURF TYPE TALL FESCUE SODDING, CURBS

SHEET	STATION	STATION	LOCATION	LT RT	TRUNC. DOME	CURB RAMP				4" TYPE 1 AGGR.	ADA LINEAR GRADING	SOD	S-CURB LESS/EQ 6" (1"-6")	REMARKS
					SF	LENGTH	WIDTH	TYPE	SY	SY	LF	SY	LF	
4	738+68.71	738+85.68	ROUTE 54	LT	11.6	11	9	1-B	11.0	18.1	43.0	6.2	6.0	INCL. QTY FOR AGGR. BASE FOR C&G & LIN. GRADING FOR CURB REMOVAL
				TOTAL	11.6	--	--	--	11.0	18.1	43.0	6.2	6.0	
				USE	12	--	--	--	11.0	19	43	7	6	

PAVEMENT MARKING

CENTER STATION	LOCATION	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" WHITE	REMARKS
		LF	
738+78.71	RTE. 54	54.0	MIDBLOCK CROSSWALK
738+23.33	RTE. 54 RT.	24.0	STOP BAR
739+33.10	RTE. 54 LT.	24.0	STOP BAR
	TOTAL	102.0	
	USE	102	

PAVEMENT MARKING REMOVALS

CENTER STATION	LOCATION	PAVEMENT MARKING REMOVAL	REMARKS
		LF	
738+41.03	RTE. 54 RT.	24.0	REMOVE YIELD BARS
739+19.78	RTE. 54 LT.	24.0	REMOVE YIELD BARS
738+78.71	RTE. 54	60.0	REMOVE EXIST. MIDBLOCK CROSSWALK
	TOTAL	108.0	
	USE	108	

EROSION CONTROL

STATION	STATION	LOCATION	LENGTH	SILT FENCE	CURB INLET CHECK	SEDIMENT REMOVAL
				(LF)	(EA)	(CY)
738+13.37	739+33.10	RTE. 54 LT. & RT.	119.73	239.5	2.0	4.4
			TOTALS	239.5	2.0	4.4
			USE	240	2	5

CURB AND GUTTER

STA	STA	LOCATION LT/RT	CURB AND GUTTER TYPE B	4" TYPE 1 AGGREGATE
			LF	SY
738+69.80	738+85.68	LT	15.9	7.1
		TOTALS	15.9	7.1
		USE	16	TOTAL ON ADA QTYS SHEET

REMOVAL OF IMPROVEMENTS

ROUTE	STATION	RT/LT OFFSET	UNIT	TOTAL	REMARKS
54	738+68.34	34.80' LT	EA	1	REMOVE PUSH BUTTON, SIGN, MAST ARM, POLE, AND BASE
54	738+98.02	30.07' LT	EA	1	REMOVE PUSH BUTTON, SIGNS, SIGNAL HEAD, PED. POST, AND BASE
54	738+74.24	27.37' RT	EA	1	REMOVE PUSH BUTTON, SIGNS, SIGNAL HEAD, PED. POST, AND BASE
54	738+99.37	38.13' RT	EA	1	REMOVE ABANDONED UTILITY
54	739+08.25	28.62' RT	EA	1	REMOVE MAST ARM, POLE, AND BASE
1 LUMP SUM					

CONTRACTOR FURNISHED SURVEYING & STAKING

1 LUMP SUM

MOBILIZATION

1 LUMP SUM

SUMMARY OF QUANTITIES

SHEET 1 OF 2

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:09-06'00'
02/03/2026 11:07:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE 54 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY VERNON
JOB NO. JSR0340
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)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	5	80.00				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00						
WO20-5	48X48	16.00	1	16.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	1	16.00				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	6	96.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	1	6.00				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	2	24.00				SPEED LIMIT (30 & 20)
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	4	8.00				SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL
	286

616-10.10 RELOCATED SIGNS	TOTAL

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	50	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	2	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6169902	10	ADA COMPLIANT MOVEABLE BARRICADES

EFFECTIVE: 07-01-2025

DESCRIPTION

DATE

REVISION

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:09-06'00'
02/03/2026 11:07:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
SW	3

COUNTY
VERNON

JOB NO.
JSR0340

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)

SUMMARY OF QUANTITIES
SHEET 2 OF 2

MIDBLOCKS SHOULD BE PLACED IN THE CENTER OF LANES AND AT LANE LINES TO REMAIN OUT OF THE WHEEL PATH. SEE STANDARD PLANS 620.00N FOR SPACING REQUIREMENTS.

MIDBLOCK SPACING DOES NOT HAVE TO BE EQUAL THROUGHOUT THE CROSSWALK RUN. SPACING CAN VARY TO ELIMINATE MIDBLOCKS BEING IN THE WHEEL PATH. MIDBLOCKS SHOULD EXTEND FROM CURB TO CURB AND CAN BE PLACED IN THE GUTTER. HALF BLOCKS MAY BE USED AT CURBS WHERE FULL BLOCKS WILL NOT FIT.

SCALE
0 10 20 30

PEO SISTERHOOD
NO TAKING

MODIFIED TYPE 1-B CURB RAMP AND LINEAR GRADING FOR ADA FACILITIES

STA. 738+68.34
(R) EXIST. PUSH BUTTON WITH SIGN, MAST ARM, POLE, AND BASE

NEW STANDARD CONCRETE PULL BOX

NEW STANDARD CONCRETE PULL BOX

NEW SIGNAL CABINET AND BASE

SW4SE45
T35N R31N

EXIST. R/W

(UIP) CURB

STA. 738+68.71

6" S-CURB

STA. 738+74.68

STA. 738+85.68

NEW PED. POST, APS PUSH BUTTON WITH SIGN, AND SIGNAL HEAD

STA. 738+98.02
(R) EXIST. PED. POST AND EQUIPMENT

NEW STANDARD CONCRETE PULL BOX

(R) CURB 10' ADA LINEAR GRADING

10% MAX FLARE

NEW LIGHTING CABINET AND BASE

POWER SUPPLY ASSEMBLY TYPE 2

NEW TYPE C BASE WITH POST AND 30' MAST ARM WITH SIGNAL HEADS AND LED-A LUMINAIRE

(DND)

HYDR

STA. 739+19.78
(R) EXIST. YIELD BAR

(DND)

SECTION LINE

(UIP) CURB

738+69.80
CURB AND GUTTER TYPE B

BEGIN PROJECT
℄ ROUTE 54
STA. 738+13.37

℄ ROUTE 54
S87°03'27"E

STOP BAR PREVIOUSLY REMOVED

STOP BAR PREVIOUSLY REMOVED

NEW STOP BAR
STA. 739+33.10

END PROJECT
℄ ROUTE 54
STA. 739+33.10

NEW STOP BAR
STA. 738+23.33

24" PREFORMED THERMOPLASTIC, WHITE
STA. 738+78.71

℄ ROUTE 54

(UIP) TRUNC. DOME

NEW TYPE C BASE WITH POST AND 35' MAST ARM WITH SIGNAL HEADS AND LED-A LUMINAIRE

STA. 738+41.03
(R) EXIST. YIELD BAR

NW4NE48
T35N R31N

(UIP) EXIST. SIDEWALK

NW4NE48
T35N R31N

EXIST. R/W

STA. 738+74.24
REPLACE PED. POST IN EXIST. LOCATION
(R) EXIST. PED. POST AND EQUIPMENT

INSTALL NEW PED. POST, APS PUSH BUTTON WITH SIGN, AND SIGNAL HEAD

NEW STANDARD CONCRETE PULL BOX

STA. 738+99.37
(R) ABANDONED UTILITY

NEW STANDARD CONCRETE PULL BOX

STA. 739+08.25
(R) EXIST. MAST ARM POLE, AND BASE

EXIST. R/W

W11-2

W16-7P

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.

W11-2

W16-7P

SUPREME CHAPTER OF PEO SISTERHOOD
NO TAKING

W11-2

STOP ON RED
YIELD ON FLASHING RED AFTER STOP

R10-23a

COTTEY JR COLLEGE
NO TAKING

LEGEND
- (T) TRANSITION
- (R) RAMP
- SOD

THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMISSIONAT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMISSION "AS-IS" AND THE COMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE

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

SIGN PLACEMENTS ARE APPROXIMATE. SEE STANDARD PLAN 903.03BS AND THE ENGINEERING POLICY GUIDE 642.8.2.

ALL BEARINGS BASED ON STATE PLANE BEARINGS WESTERN ZONE

PLAN SHEET
SHEET 1 OF 1

STATE OF MISSOURI
CAMERON SOOY
NUMBER
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03
07:16:06'00'
02/03/2026 11:07:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
VERNON

JOB NO.
JSR0340

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

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI MODIFIED STATE PLANE COORDINATE SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION(GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD88
GEOID MODEL	18
ELEVATIONS DETERMINED BY	MODOT GNSS
PROJECT PROJECTION FACTOR	1.00009000

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE
CONTROL STATION	MODOT NEVADA CORS
DESIGNATION	MODOT NEVADA CORS ARP
CORS_ID	MONE
PID	DM4686
LATITUDE	375156.7197
LONGITUDE	942058.3689
NORTHING (M)	188561.0030
EASTING (M)	863237.9430
ZONE	2403 (MO-WEST)
PROJECT AVERAGE GRID FACTOR	0.99990844

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #3
N 236909.2026 X 1.00000 = N 236909.2026
E 2958344.2319 X 1.00000 = E 2958344.2319

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION
PROJECT CONTROL POINTS (COTTEY COLLEGE)						
746+47.31	℄ RTE 54	-29.65	608,415.37	2,826,762.27	870.71	5/8" FOUND IRON PIN
735+34.90	℄ RTE 54	-39.52	608,482.33	2,825,651.83	874.46	5/8" REBAR
717+90.94	℄ RTE 54	89.00	608,414.59	2,823,904.05	848.13	BIG ORANGE CAP ATNIP
ALIGNMENTS						
ROUTE 54 (Rte54) (COTTEY COLLEGE)						
723+00.00	℄ RTE 54		608,487.02	2,824,415.72		BEGINNING OF CHAIN
733+18.11	℄ RTE 54		608,453.99	2,825,433.30		HPI
746+18.56	℄ RTE 54		608,387.23	2,826,732.03		END OF CHAIN

COORDINATE POINTS SHEET
SHEET 1 OF 1

STATE OF MISSOURI
CAMERON SOOY
NUMBER
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:10 -06'00'
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
VERNON

JOB NO.
JSR0340

CONTRACT ID.

PROJECT NO.

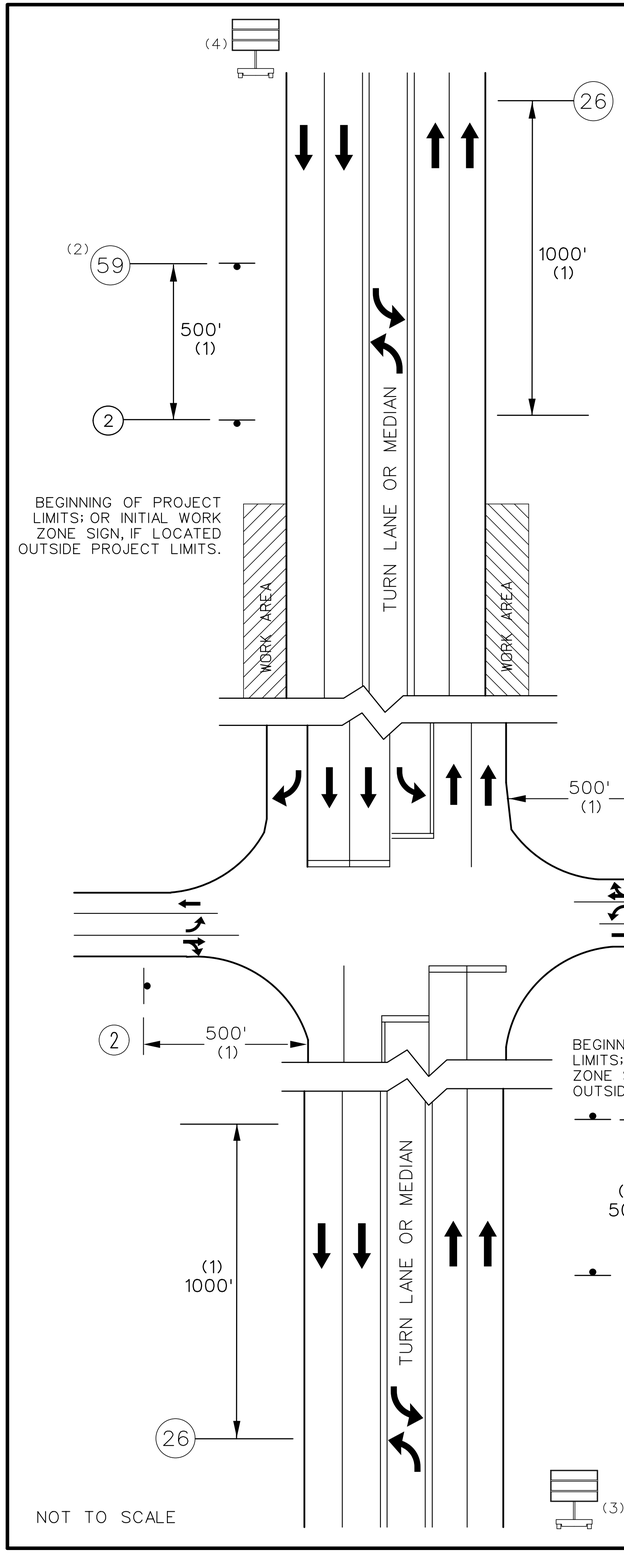
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

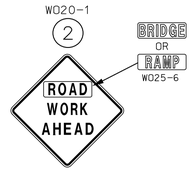
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFFECTIVE: 06-08-2016
REVISED (ADA): 09-26-2025



NOT TO SCALE

(3)
CHANGEABLE MESSAGE SIGN



(2)
CONST-8
59

SIGN SPACING FOR ADVANCE SIGN SERIES

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

SPEED MPH (S)	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	1000 FT	1000 FT

GENERAL NOTES:

1. ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
3. SEE STANDARD DRAWING 616.10 AND 620.10 FOR ADDITIONAL DETAILS, AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
4. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
5. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
6. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS OR FLASHING ARROW PANEL.
7. NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITIONS AS APPROVED BY THE ENGINEER.
8. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
10. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
11. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
12. ALL PEDESTRIAN TRAFFIC CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE CURB RAMP & SIDEWALK IS OPENED FOR PEDESTRIAN TRAVEL.
13. PEDESTRIAN TRAFFIC CONTROL SIGNS MAY BE MOUNTED ON PORTABLE MOUNTS AT 1 FT. PROVIDED THEY DO NOT INTERFERE WITH PEDESTRIAN MOVEMENT OR BE OBSTRUCTED BY PARKING. OTHERWISE, SIGNS SHALL BE MOUNTED AT 7 FT.
14. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(3) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

BEGIN/END OF PROJECT SIGNING
MULTI-LANE

TRAFFIC CONTROL
SHEET 1 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:10-06'00'
02/03/2026 11:07:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
VERNON

JOB NO.
JSR0340

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)

EFFECTIVE: 06-08-2016
REVISED (ADA): 12-16-2025

SIGNING REFLECTS DAY OR NIGHT TIME WORKING HOURS

NIGHT TIME WORK HOURS
x PM - x AM

R2-1
4
(REDUCED SPEED)

G020-5aP
54

R2-1
25
(NORMAL SPEED)

W020-1
2

W020-5
5
(1)

W020-6a
6

W020-7a
8

DIRECTIONAL INDICATOR BARRICADES

CHANNELIZERS

FLASHING ARROW PANEL

FLAGGER - IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

SPEED	SIGN SPACING (1) (FT)		TAPER LENGTH (3) (FT)		OPTIONAL	CHANNELIZER SPACING (4) (FT)	
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	SHOULDER (5) (T1)	LANE (6) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200 (2)	200 (2)	70	245	250	35 (7)	40 (7)
40-45	350	500	150	540	360	40 (7)	80 (7)
50-55	500	1000	185	660	495	50 (8)	80 (8)
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	730	60 (8)	120 (8)

NOTES:

(1) SIGN MAY BE REDUCED TO 1/2 AT INTERSECTIONS.

(2) FOR URBAN LOW SPEED, MINIMUM RECOMMENDED SPACING IN MUTCD IS 100 FT.

(3) TAPER LENGTHS MAY BE ADJUSTED TO ACCOMMODATE CROSSROADS, CURVES, INTERSECTIONS, RAMPS, OR OTHER GEOMETRIC FEATURES.

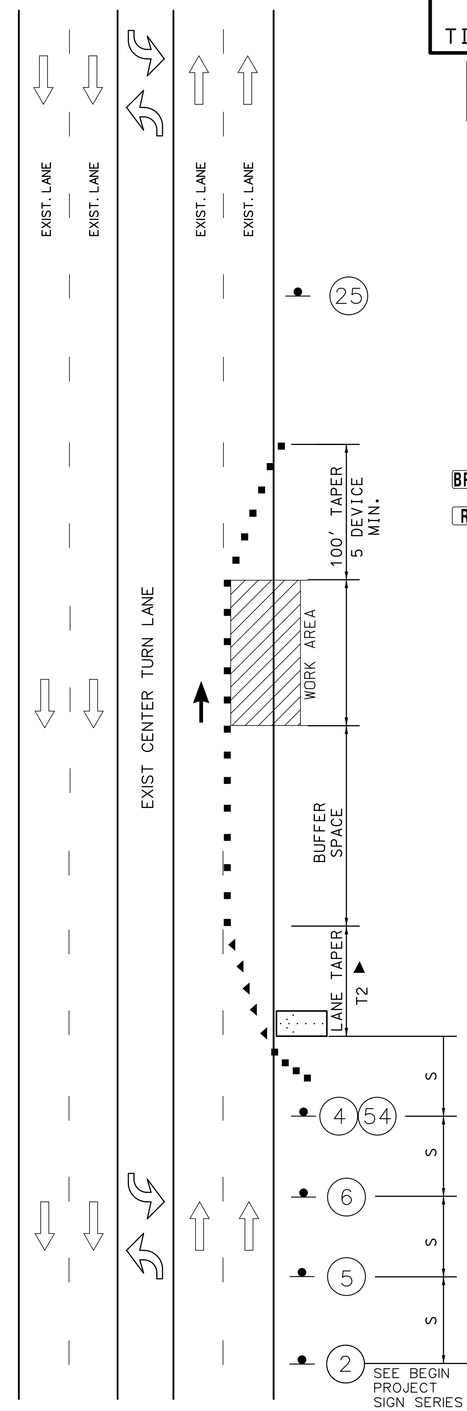
(4) CHANNELIZER SPACING MAY BE REDUCED TO DISCOURAGE TRAFFIC ENCROACHMENT.

(5) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.

(6) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

(7) SPACING REDUCED TO 1/2 AT INTERSECTIONS.

(8) SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.



MULTI-LANE
OUTSIDE LANE CLOSURE - DAY OR NIGHT

NOT TO SCALE

NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

▲ IN TAPER SECTIONS: QUANTITY OF TRIMLINE CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAX. CHANNELIZER SPACING IN THE CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES (NO DIRECT PAY)

NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS, OR FLASHING ARROW PANEL.

NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING ARE ONE-HALF OF THE SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.

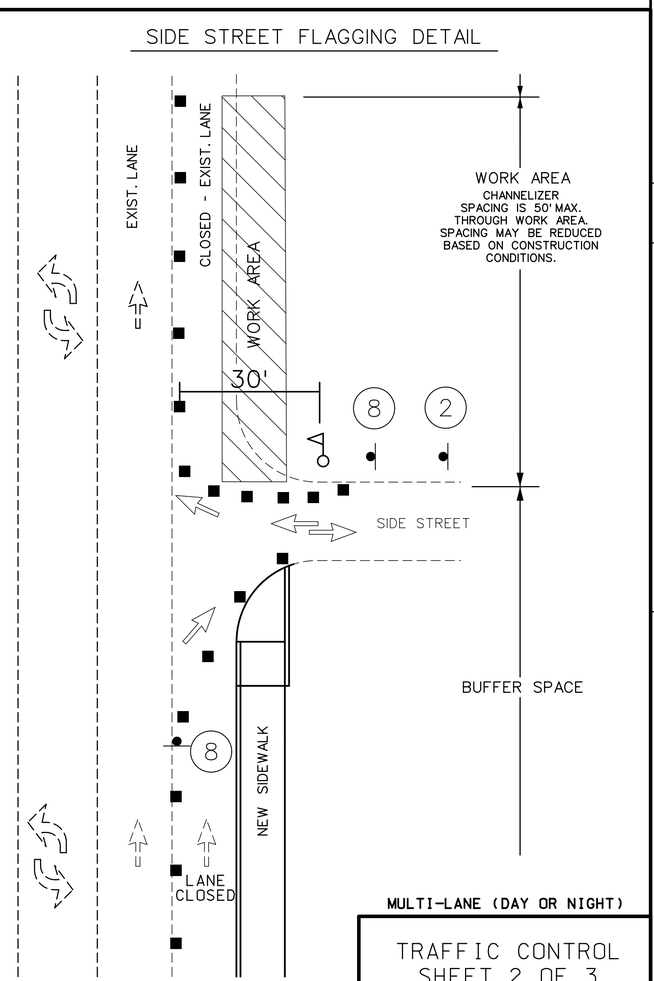
WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER. SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.

THE 50' MAX. CHANNELIZER SPACING WITHIN THE WORK ZONE AREA MAY BE REDUCED BASED ON CONSTRUCTION CONDITIONS.

(1) SIGN (5) MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

SIDE STREET FLAGGING DETAIL



NOT TO SCALE

MULTI-LANE (DAY OR NIGHT)

TRAFFIC CONTROL
SHEET 2 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:10 -06'00'
02/03/2026 11:07:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
VERNON

JOB NO.
JSR0340

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

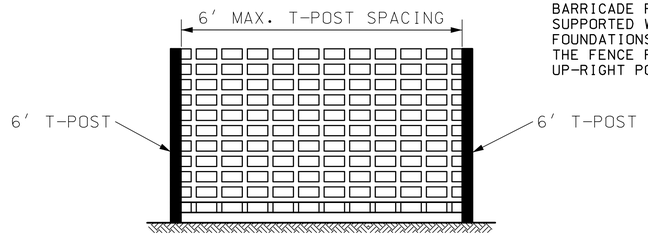
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 11-19-2018

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.

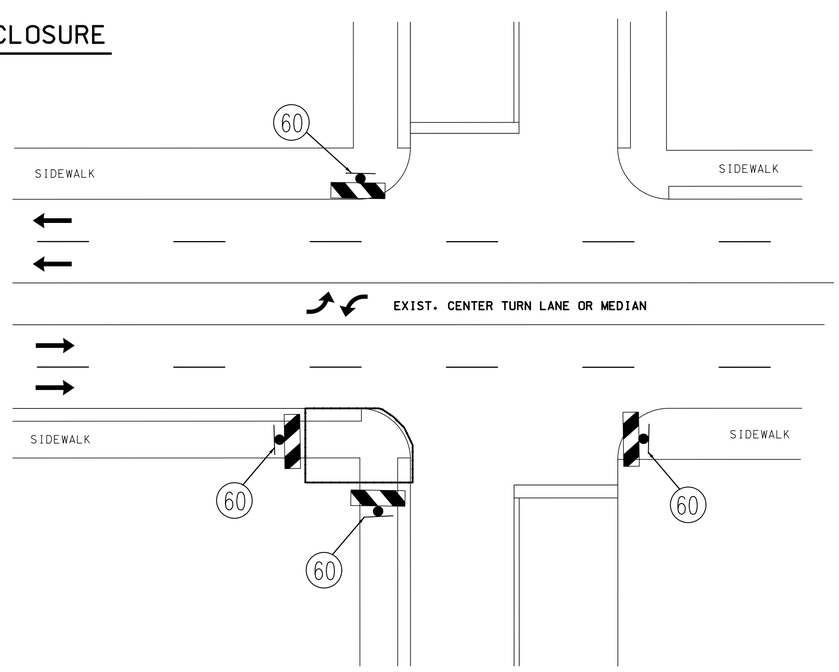
ORANGE PLASTIC SAFETY FENCE



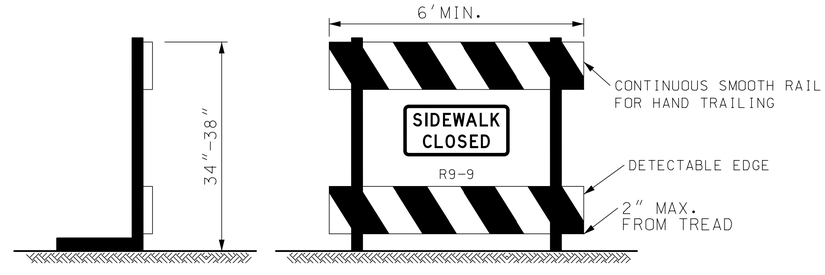
NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST. ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

MULTI-LANE TYPICAL SIDEWALK CLOSURE

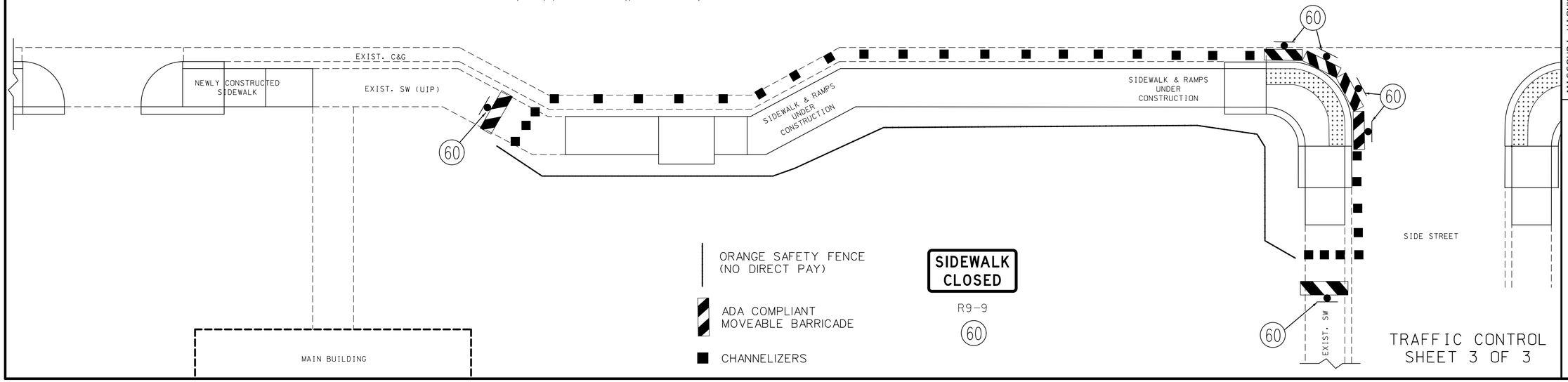
NOT TO SCALE



ADA COMPLIANT MOVEABLE BARRICADE



1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.



TRAFFIC CONTROL
SHEET 3 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
Cameron Sooy
2026.02.03 11:07:16-06'00'
PROFESSIONAL ENGINEER
02/03/2026 11:07:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 2/3/2026
ROUTE: 54 | STATE: MO
DISTRICT: SW | SHEET NO.: 8
COUNTY: VERNON
JOB NO.: JSRO340
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)

REVISED: 11-18-2021

NOTES:

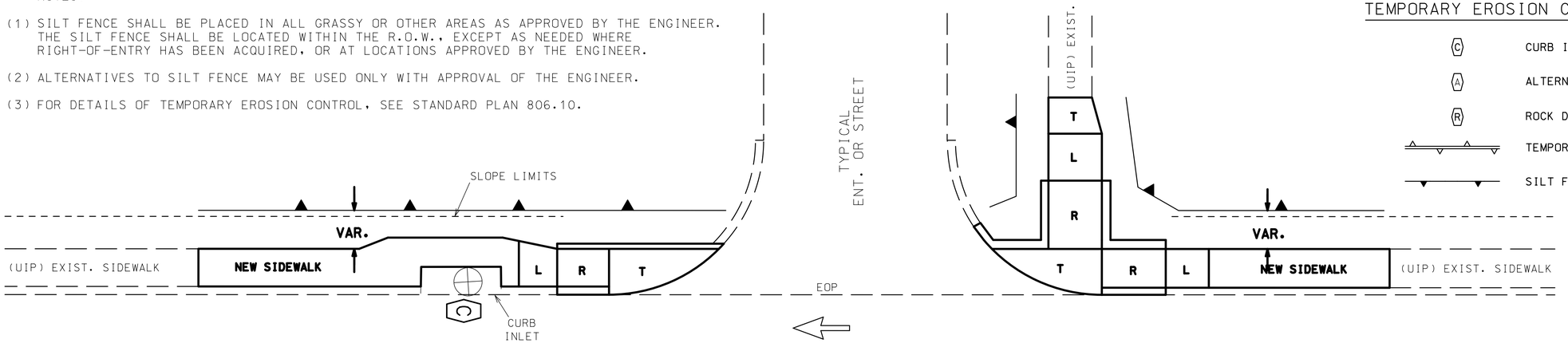
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

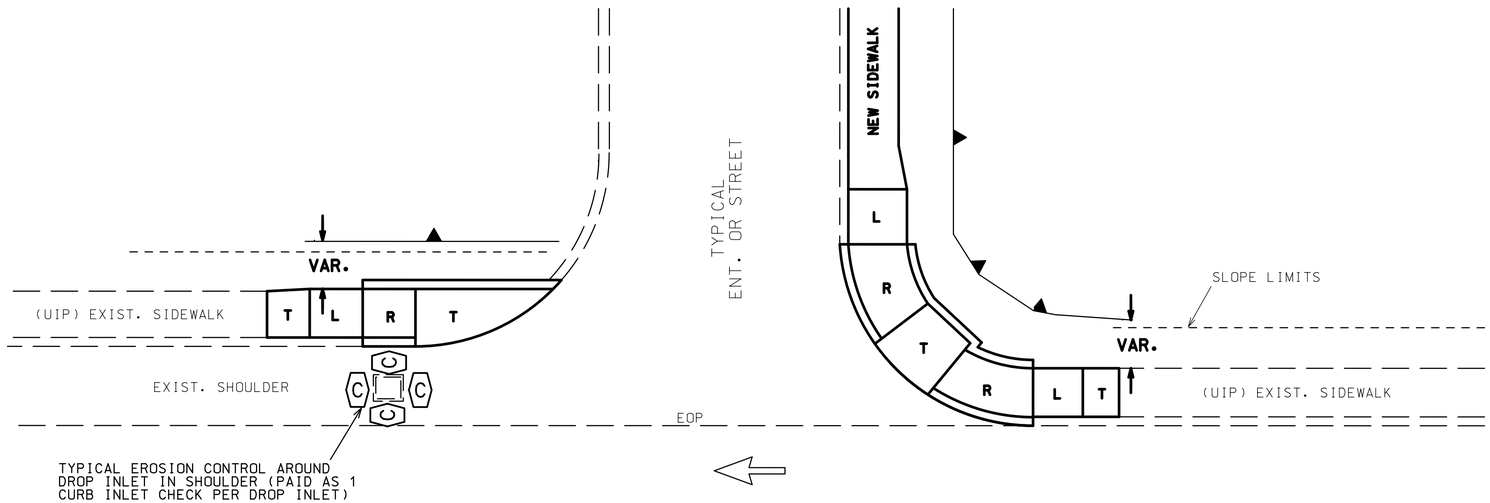
(2) ALTERNATIVES TO SILT FENCE MAY BE USED ONLY WITH APPROVAL OF THE ENGINEER.

(3) FOR DETAILS OF TEMPORARY EROSION CONTROL, SEE STANDARD PLAN 806.10.

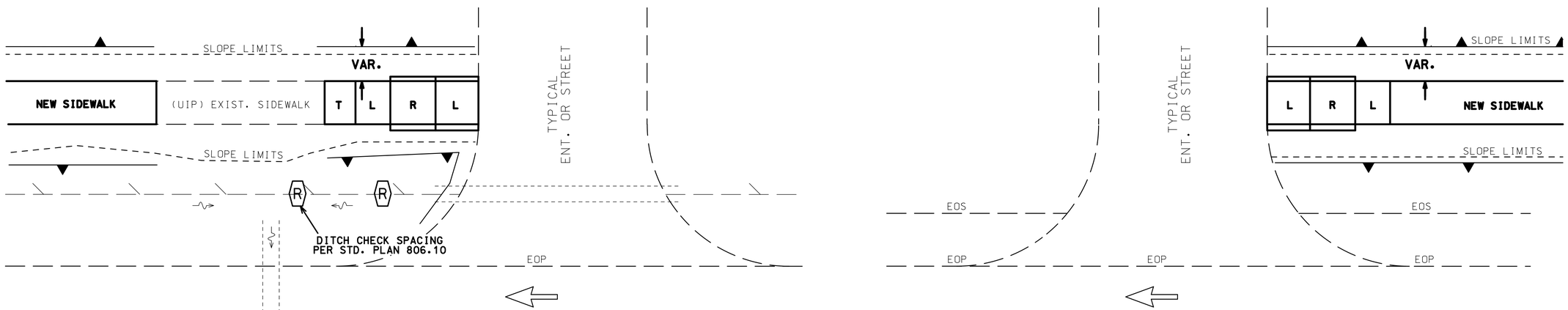
TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (A) ALTERNATE CHECK
- (R) ROCK DITCH CHECK
- TEMPORARY BERM
- SILT FENCE





TYPICAL EROSION CONTROL AROUND DROP INLET IN SHOULDER (PAID AS 1 CURB INLET CHECK PER DROP INLET)



NOT TO SCALE

TYPICAL EROSION CONTROL APPLICATIONS FOR NEW CURB RAMP & SIDEWALK CONSTRUCTION

EROSION CONTROL SHEET
SHEET 1 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:11-06'00'
02/03/2026 11:07:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
VERNON

JOB NO.
JSR0340

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)

REVISED: 11-18-2021

NOTES:

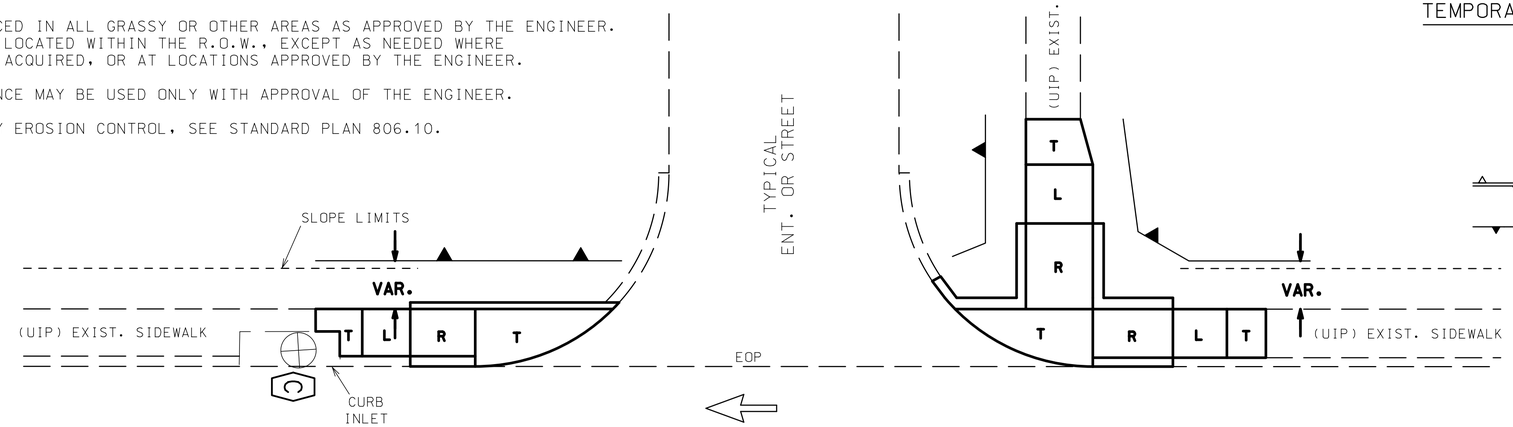
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

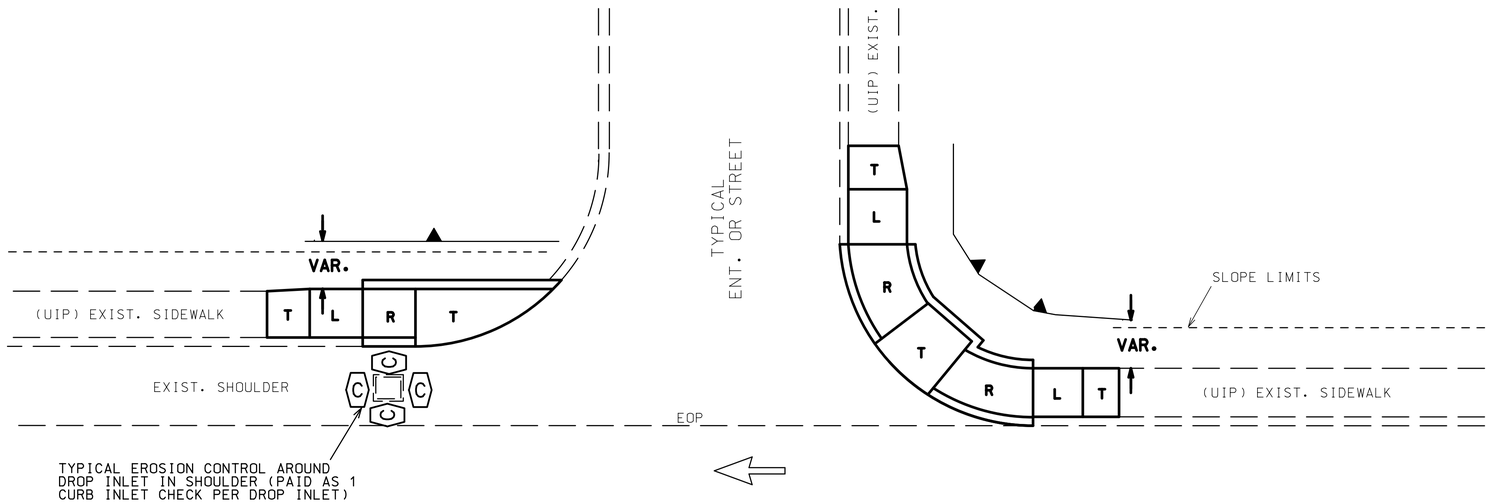
(2) ALTERNATIVES TO SILT FENCE MAY BE USED ONLY WITH APPROVAL OF THE ENGINEER.

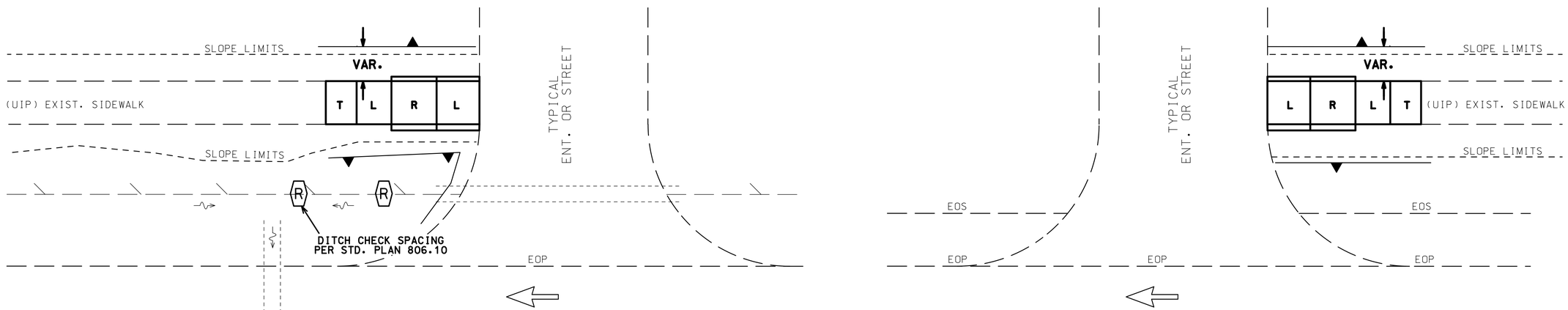
(3) FOR DETAILS OF TEMPORARY EROSION CONTROL, SEE STANDARD PLAN 806.10.

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (A) ALTERNATE CHECK
- (R) ROCK DITCH CHECK
- TEMPORARY BERM
- SILT FENCE







NOT TO SCALE

TYPICAL EROSION CONTROL APPLICATIONS FOR NEW CURB RAMP CONSTRUCTION

EROSION CONTROL SHEET
SHEET 2 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
Cameron Sooy
2026.02.03 11:07:11 -06'00'
PROFESSIONAL ENGINEER
02/03/2026 11:07:11
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED	2/3/2026
ROUTE	54
STATE	MO
DISTRICT	SW
SHEET NO.	10
COUNTY	VERNON
JOB NO.	JSR0340
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)

REVISED: 11-18-2021

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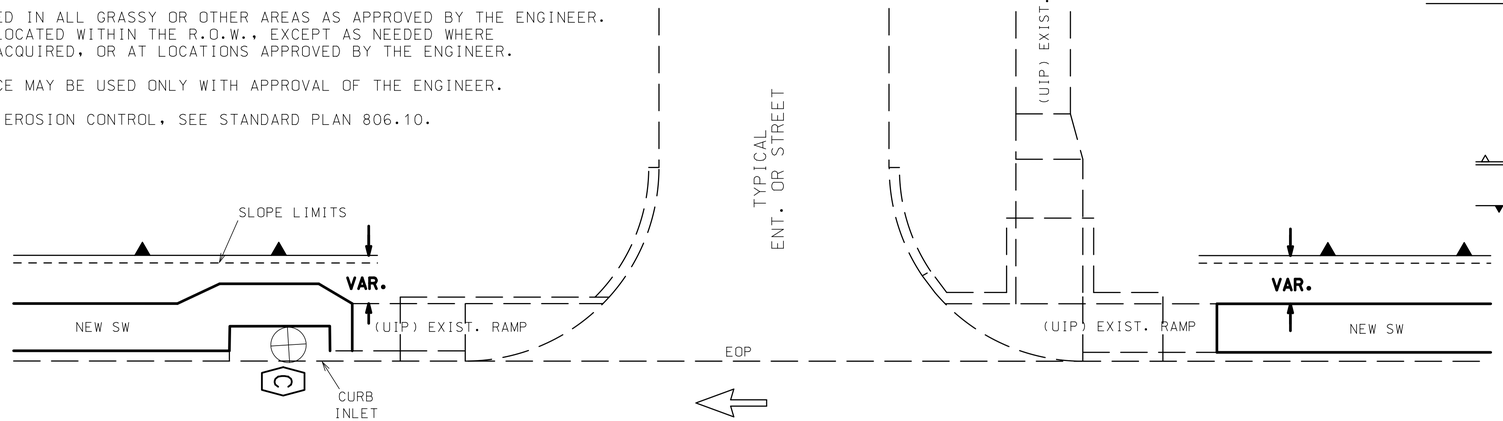
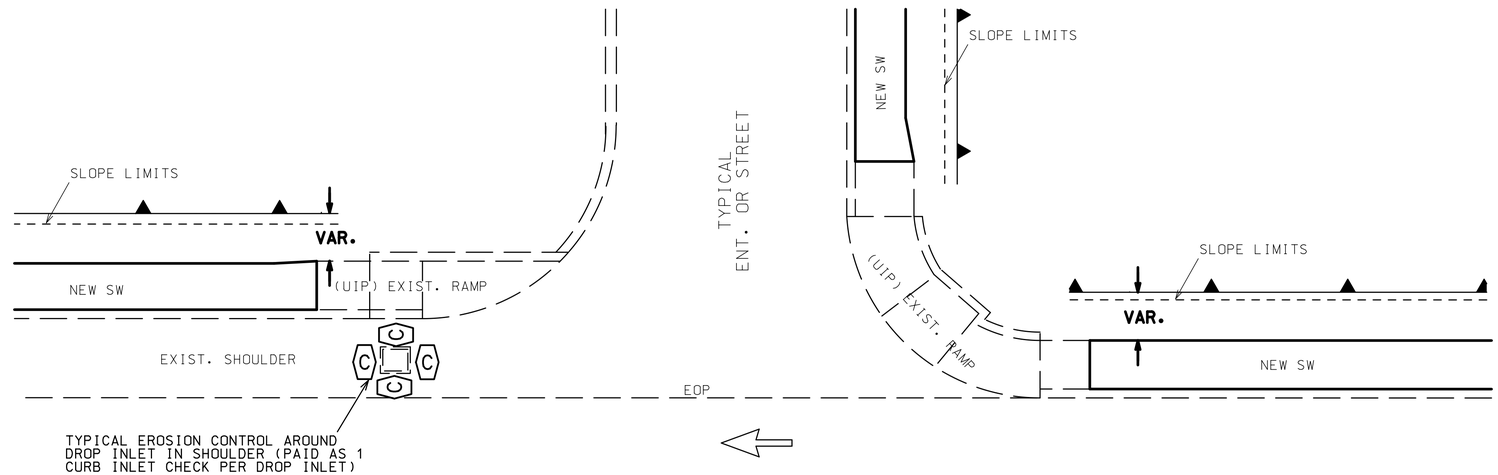
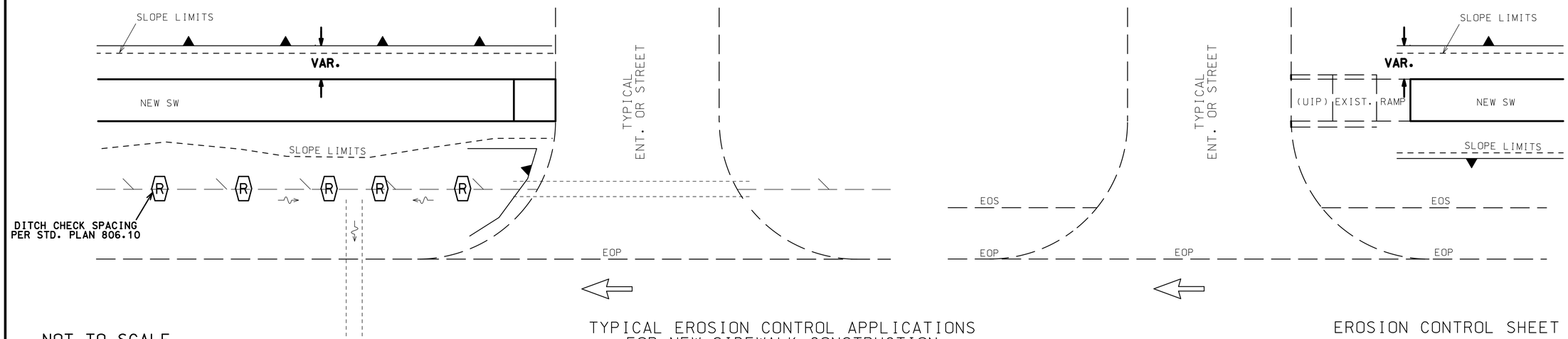
TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (A) ALTERNATE CHECK
- (R) ROCK DITCH CHECK
- TEMPORARY BERM
- SILT FENCE





TYPICAL EROSION CONTROL AROUND DROP INLET IN SHOULDER (PAID AS 1 CURB INLET CHECK PER DROP INLET)



NOT TO SCALE

TYPICAL EROSION CONTROL APPLICATIONS FOR NEW SIDEWALK CONSTRUCTION

EROSION CONTROL SHEET
SHEET 3 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:11 -06'00'
02/03/2026 11:07:11
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
VERNON

JOB NO.
JSR0340

CONTRACT ID.

PROJECT NO.

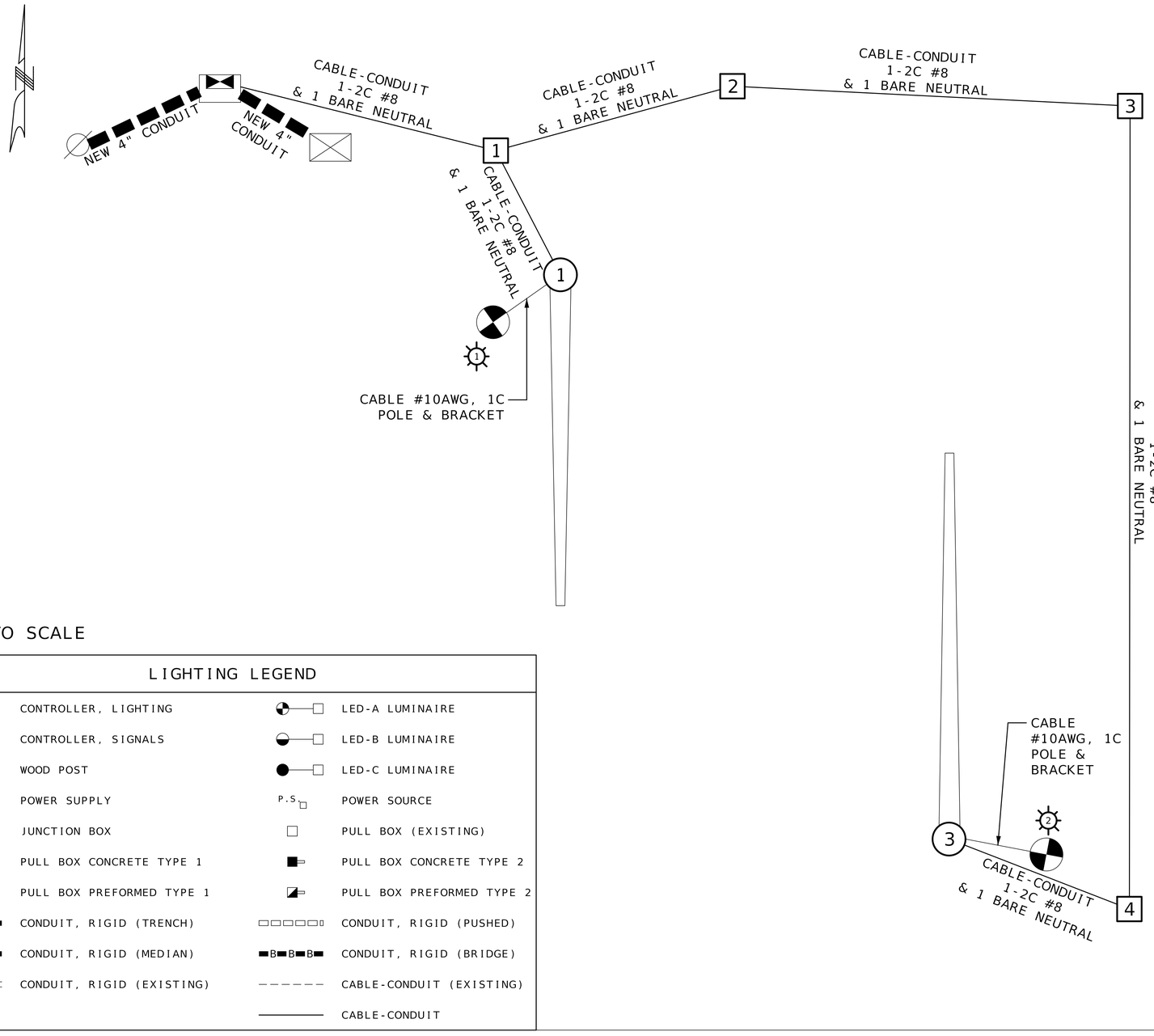
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LIGHTING DIAGRAM



NOT TO SCALE

LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, SIGNALS		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY	P.S.	POWER SOURCE
JCT	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
M	CONDUIT, RIGID (MEDIAN)	B	CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT

LIGHTING SHEET
SHEET 1 OF 1

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:11 -06'00'
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CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
VERNON

JOB NO.
JSR0340

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)

SCALE

0 10 20 30

EXIST. R/W

STA 15+57.33
OFF 34.18'

STA 15+47.96
OFF 33.66'

STA 15+64.36
OFF 37.93'

STA 15+15.24
OFF 32.52'

STA 15+35.98
OFF 32.94'

R10-3eL
W/DW

STA 15+75.05
OFF 36.50'

STA 16+20.10
OFF 38.63'

30 ft ARM

R10-23a

R/R
Y

BEGIN PROJECT
℄ ROUTE 54
STA. 738+23.33

℄ ROUTE 54

35 ft ARM

STA 15+75.83
OFF 27.98'

STA 15+58.75
OFF 39.35'

STA 16+24.31
OFF 37.17'

STA 16+12.75
OFF 35.58'

UE

UT

HYD

EXIST. R/W

TRAFFIC SIGNALS LEGEND

- LIGHTING CONTROLLER
- SIGNAL CONTROLLER
- JCT JUNCTION BOX
- POWER SUPPLY
- 8' POST/TYPE C BASE
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- SIGN
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT PUSHED
- CONDUIT TRENCHED
- MAST ARM - TYPE C BASE
- PUSH BUTTON DETECTOR
- STANDARD CONCRETE PULLBOX
- LED-B LUMINAIRE

SIGNAL SHEET
SHEET 1 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:11-06'00'
02/03/2026 11:07:11
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
VERNON

JOB NO.
JSR0340

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)

EFFECTIVE: 07-01-2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C | CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | CLASS 2 | CLASS 3 | CLASS 5 | CONCRETE STANDARD | DOUBLE, TYPE A | DOUBLE, TYPE B | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | TOP MOUNT POST 8 FT. | TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH (FT.) A | A | A | A | TYPE C & CL SIGNAL SPACING B | C | D | D' | TYPE C & CL SIGN SPACING B | C | D | D' | TYPE B & BL ARM LENGTH E | K | E | K | E | K | TYPE B & BL LEFT ARM E SIGNAL SPACING F | G | H | H' | LEFT ARM E SIGN SPACING F | G | H | H' | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | M | N | N' | RIGHT ARM K SIGN SPACING L | M | N | N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | 6 FT. | 8 FT. | 10 FT. | 12 FT. | 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
EX		EX															
		23				31											
		16				24											
		6				14											
	1	10				13											
1	1	10				11											
1	2	17				15											
2	2	10				11											
2	3	55				23				30							
3	4	76				10				64							
4	3	12				13											
4	5	66				49				15							
5	4	20				21											
SUBTOTALS						235				109							
TOTALS						235				109							

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	POWER	CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE			REMARKS
			1c #8	2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	CABLE-CONDUIT 1"-2C#8 AWG & 1 BARE NEUTRAL	
		21	117									
	23	31				69						
23	24	9				15						JUMPER
	42	39			72							PEDESTRIAN SIGNAL
	1	39		81								APS PUSHBUTTON
	21	187				243						
21	22	12				18						JUMPER
	41	245			296							PEDESTRIAN SIGNAL
	2	245		305								APS PUSHBUTTON
		16							34			SEE SHEET 12
		6							22			SEE SHEET 12
	1	29								72	70	SEE SHEET 12
1	2	161								82	224	SEE SHEET 12
SUBTOTALS			117	386	368	345			56	154	294	
TOTALS			120	390	370	350			60	160	300	

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
Cameron Sooy
2026.02.03 11:07:11 -06'00'
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CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	15

COUNTY: VERNON

JOB NO.: JSR0340

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)

EFFECTIVE: 04-01-2018

POWER SUPPLY

LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
					CONTROLLER		POWER SUPPLY DISCONNECT					
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
							SIGNALS	LIGHTING				
US54	15+15.37	33.22 LT	Type 2		15 Amps	40 Amps	40 Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT

LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF* SWITCH TYPE		COORDINATION INTERFACE *					TIME * CLOCK	NEMA CABINET TYPE *			2070 CABINET TYPE *		2070 SOFTWARE *	
									12C/7C HARDWIRE (1)		TIME BASE	CLOSED LOOP									
APPROACH	STATION	OFFSET	NEMA	2070	NEMA	2070	I	II	MASTER	LOCAL		NEMA	2070	FIBER		E	EV	DOUBLE	332	336S	OMNI-EX	WAPITI
US54	15+38.19	33.54 LT				1							1						1		1	

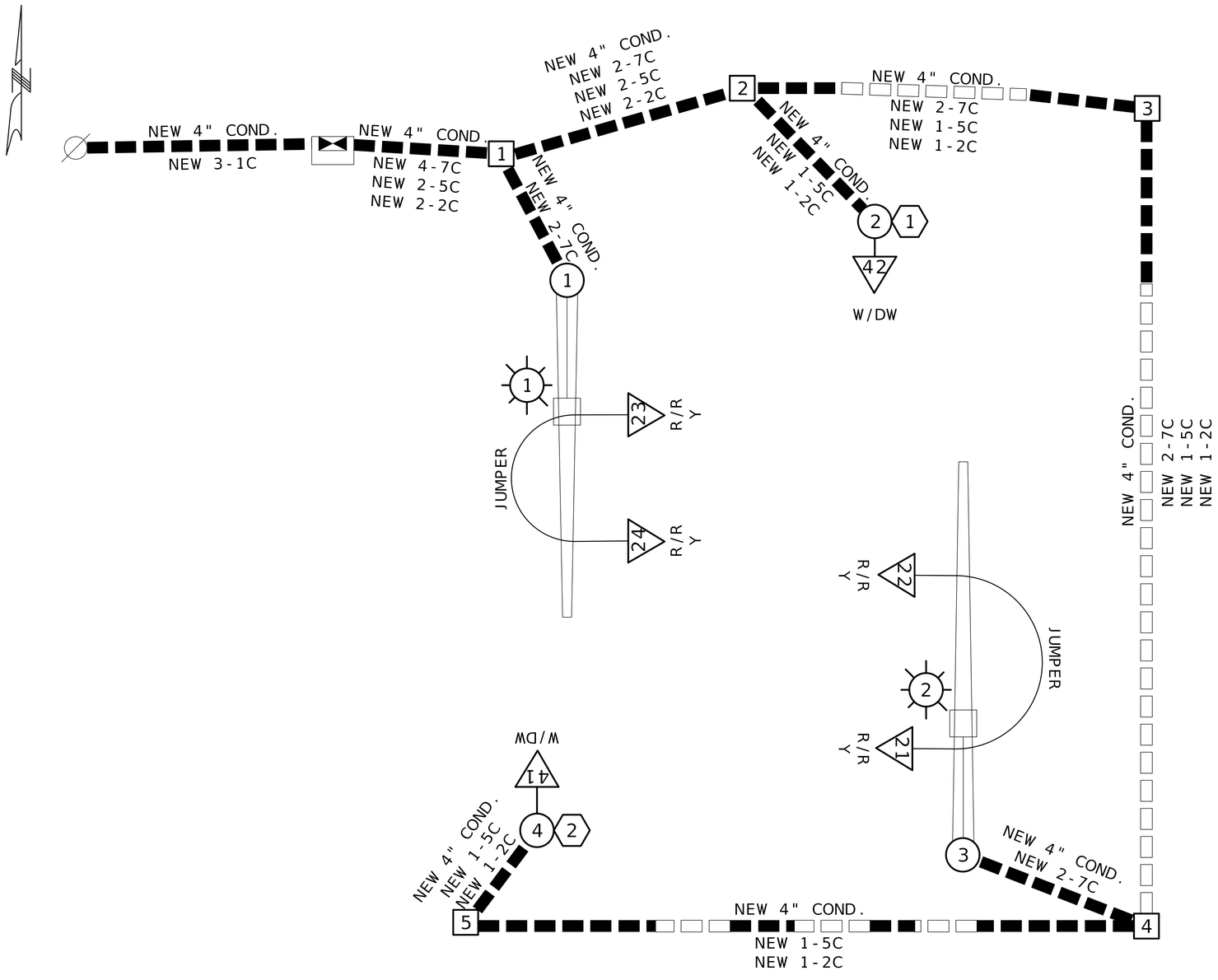
SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE 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		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
2	R10-3EL	9 X 15	0.9	2.0	2
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
4	R10-23A	24 X 30	5.0	20.0	4
			SUBTOTAL	22.0	6
			TOTAL	22.0	6

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		PUSH BUTTON	INDUCTION LOOP (2)			VIDEO
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
1	SOUTHBOUND	1				
2	NORHTBOUND	1				

WIRING DIAGRAM



NOT TO SCALE

LEGEND

- PUSHED CONDUIT CONTAINING CABLE
- TRENCHED CONDUIT CONTAINING CABLE
- CABLE
- X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- X PULL BOX WITH NUMBER
- X POST WITH NUMBER
- X POST WITH MAST ARM
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- X LUMINAIRE NUMBER

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:12 -06'00'
02/03/2026 11:07:12
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
VERNON

JOB NO.
JSR0340

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)

D-37D

SIGNAL SHEET
SHEET 5 OF 6

EFFECTIVE: 12-01-2017

TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

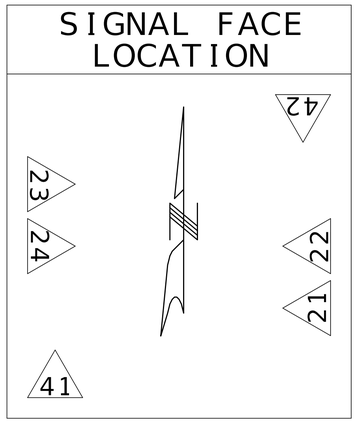
	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø2 OVERLAP	PED Ø4 OVERLAP	PED Ø6 OVERLAP	PED Ø8 OVERLAP
FACE NUMBERS		21 22 23 24								41 42		
SIGNAL INDICATIONS R		FR/R FR/R FR/R FR/R								DW DW		
SIGNAL INDICATIONS Y		FY FY FY FY								FDW FDW		
SIGNAL INDICATIONS FYL												
SIGNAL INDICATIONS G										W W		
DETECTOR ASSIGNMENTS												
DETECTOR ASSIGNMENTS (PEDS. ONLY)									PB 41	PB 42		
OVERLAP PARENT PHASES												

	PHASE 1	PHASE 2	PHASE 3	PHASE 4
RING 1				
RING 2				
	PHASE 5	PHASE 6	PHASE 7	PHASE 8

BARRIER

RING STRUCTURE

SIGNAL FACE LOCATION



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	
	FR
ALL MOVEMENTS	FY
CONTROLLER TYPE	2070

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF US54

WITH SIGNALIZED CROSSWALK

D-38A

SIGNAL SHEET
SHEET 6 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER -2021019715
CAMERON SOOY
2026.02.03 11:07:12 -06'00'
PROFESSIONAL ENGINEER
02/03/2026 11:07:12
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 2/3/2026
ROUTE: 54 | STATE: MO
DISTRICT: SW | SHEET NO.: 18
COUNTY: VERNON
JOB NO.: JSR0340
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)

SCALE

0 10 20 30

NOTE:

SIGN LOCATION MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER

SEE STANDARD PLANS FOR OFFSET AND HEIGHT REQUIREMENTS

SIGNS MUST BE MOUNTED WITH A MINIMUM 80' CLEARANCE FROM TOP OF SIDEWALK OR EDGE OF PAVEMENT TO THE BOTTOM MOST SIGN

W11-2

W16-7P

(2)

STA. 738+98

EXIST. R/W

EXIST. R/W

SECTION LINE

SECTION LINE

℄ ROUTE 54

℄ ROUTE 54

740

STA. 738+70

EXIST. R/W

EXIST. R/W

W11-2

W16-7P

(1)

SIGNING SHEET
SHEET 1 OF 2

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:12 -06'00'
02/03/2026 11:07:12
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
VERNON

JOB NO.
JSR0340

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)

PERFORATED SQUARE STEEL TUBE				SIGNS				
902 SIGNAL SIGNS TABULATED ON D-37A SHEET				2.5 INCH POST				
SIGN NO.	SIGN SIZE	LOG MILE or STATION	LOCATION	POST NO.1	TOTAL ITEM NO. 9031280	ANCHORS CONCRETE 7 GA. ITEM NO. 9031285	BREAK-AWAY ASSEMBLY ITEM NO. 9031241	REMARKS AND OTHER REQUIRED ITEMS
				LF	LF	EACH	EACH	
1	ASSEMBLY	738+71	RT NEVADA	16	16	1	1	PEDESTRIAN CROSSING & ARROW
2	ASSEMBLY	738+97	LT NEVADA	16	16	1	1	PEDESTRIAN CROSSING & ARROW
			SUBTOTAL		32	2	2	
			TOTAL		32	2	2	

STANDARD SIGN ASSEMBLIES					SIGN SUMMARY				
			STANDARD SIGN TYPE & NUMBER OF EACH					SIGN SIZE & TYPE & SQUARE FEET	
SIGN NO.	LOG MILE OR STATION	LOCATION	W11-2	W16-7P	STANDARD SIGN OR SPECIAL SIGN	SIGN DETAIL SHEET NO.	NO. EACH	SIGN SIZE INCHES	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A
1	738+71	RT NEVADA	1	1	PEDESTRAIN CROSSING	W11-2	2	36" X 36"	18
2	738+97	LT NEVADA	1	1	DOWN ARROW	W16-7P	2	30" X 18"	8
								TOTALS	26
NO. OF STD SIGNS			2	2				USE	26

D-29 & D-30

SIGNING SHEET
SHEET 2 OF 2

STATE OF MISSOURI
CAMERON SOOY
NUMBER -2021019715
Cameron Sooy
2026.02.03 11:07:12 -06'00'
PROFESSIONAL ENGINEER
02/03/2026 11:07:12
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
VERNON

JOB NO.
JSR0340

CONTRACT ID.

PROJECT NO.

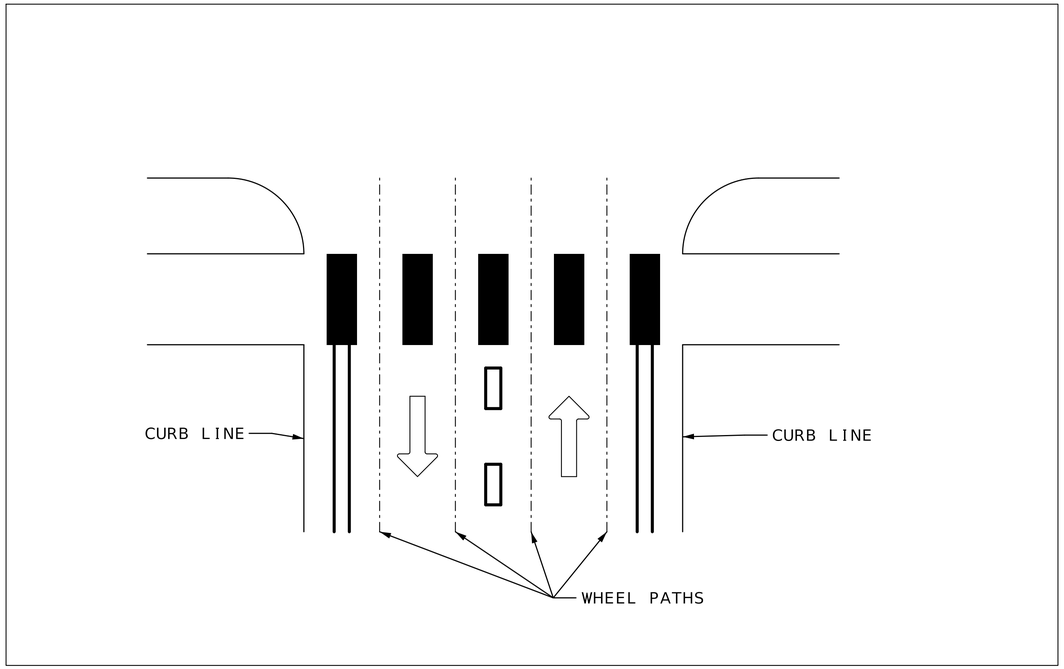
BRIDGE NO.

DESCRIPTION	DATE

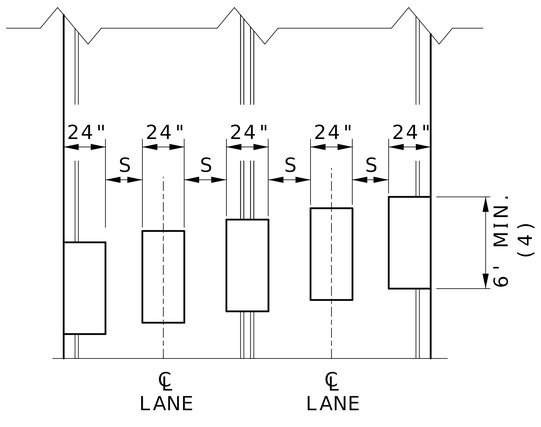
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PEDESTRIAN CROSSING EXAMPLE



NOTES:
SEE STANDARD PLANS 620.00 FOR SPACING REQUIREMENTS.
MIDBLOCK SPACING DOES NOT HAVE TO BE EQUAL THROUGHOUT THE CROSSWALK RUN.
SPACING CAN VARY TO ELIMINATE MIDBLOCKS BEING IN THE WHEEL PATH.
MIDBLOCKS SHOULD EXTEND FROM CURB TO CURB AND CAN BE PLACED IN THE GUTTER
HALF BLOCKS MAY BE USED AT CURBS WHERE FULL BLOCKS WILL NOT FIT.



"S" SPACING TO AVOID WHEEL PATHS BUT SHALL NOT EXCEED 48". IF SHOULDERS EXIST, THE PATTERN SHALL EXTEND TO THE CURB ADDING BARS AS NEEDED.

LONGITUDINAL BAR CROSSWALK	
NUMBER OF 10'-12' LANES	NUMBER OF 24" WHITE BARS
1	3
2	5
3	7
4	9
5	11

NOT TO SCALE

PAVEMENT MARKING SHEET
SHEET 1 OF 1

STATE OF MISSOURI
CAMERON SOOY
NUMBER -2022022602
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.03 11:07:12 -06'00'
02/03/2026 11:07:12
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/3/2026

ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
VERNON

JOB NO.
JSR0340

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)

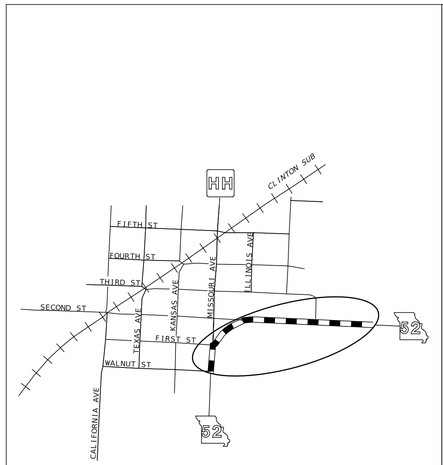
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

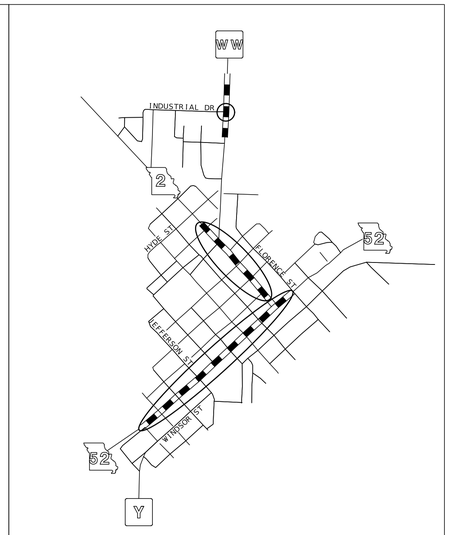
HENRY COUNTY

ADA TRANSITION PLAN IMPROVEMENTS

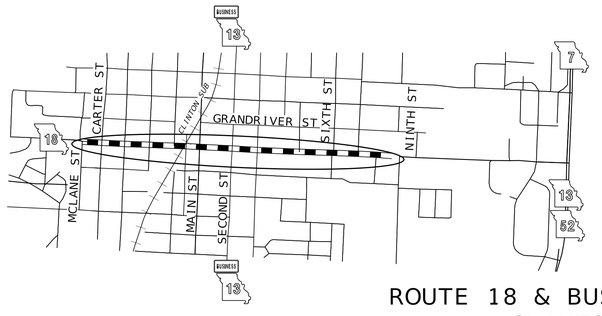
KEY MAP
LOCATION OF HENRY COUNTY



ROUTE 52
MONTROSE



ROUTE WW, 2, AND 52
WINDSOR



ROUTE 18 & BUSINESS 13
CLINTON

NOT TO SCALE

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.

DESIGN DESIGNATION

ROUTE WW - WINDSOR
A.A.D.T. - 2026 = 1287
V = 30 M.P.H.
FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

ROUTE 2 - WINDSOR
A.A.D.T. - 2026 = 2246
V = 20-40 M.P.H.
FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

ROUTE 52 - WINDSOR
A.A.D.T. - 2026 = 4700
V = 20-30 M.P.H.
FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

ROUTE 52 - MONTROSE
A.A.D.T. - 2026 = 1200
V = 40 M.P.H.
FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

ROUTE 18 - CLINTON
A.A.D.T. - 2026 = 10490
V = 25-35 M.P.H.
FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

BUSINESS 13 - CLINTON
A.A.D.T. - 2026 = 2301
V = 35 M.P.H.
FUNCTIONAL CLASSIFICATION- MINOR ARTERIAL

TEMPORARY EASEMENTS
(WINDSOR & CLINTON)
NEW R/W REQUIRED
PERMANENT EASEMENTS
(CLINTON)
NO R/W ACQUISITION
(MONTROSE)

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	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	V	
WOVEN WIRE	X	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (8 SHEETS)	2
QUANTITIES (QU)(5 SHEETS)	3
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COORDINATE POINTS (CP)	35
SPECIAL SHEETS (CP)	36
TRAFFIC CONTROL SHEETS (TC)	37-40
EROSION CONTROL SHEETS (EC)	41-43
SIGNALS (SG)	44-49
SIGNING (SN)	50-51
PAVEMENT MARKING (PM)	52

LENGTH OF PROJECT

ROUTE WW - WINDSOR
BEGINNING OF PROJECT STA. 47+89.00
END OF PROJECT STA. 58+33.70
APPARENT LENGTH 1044.70 FEET

ROUTE 2 - WINDSOR
BEGINNING OF PROJECT STA. 665+19.89
END OF PROJECT STA. 675+33.80
APPARENT LENGTH 1013.91 FEET

ROUTE 52 - WINDSOR
BEGINNING OF PROJECT STA. 35+74.76
END OF PROJECT STA. 68+76.84
APPARENT LENGTH 3302.08 FEET

ROUTE 52 - MONTROSE
BEGINNING OF PROJECT LOG MILE 44.014
END OF PROJECT LOG MILE 44.460
APPARENT LENGTH 2354.88 FEET

ROUTE 18 - CLINTON
BEGINNING OF PROJECT STA. 208+50.16
END OF PROJECT STA. 33+86.89
APPARENT LENGTH -17463.27 FEET
EQUATIONS:
STA. 229+16.56 BK. = STA. 0+00.00 AH. (+22,916.560 FEET)
STA. 9+08.50 BK. = STA. 0+00.00 AH. (+908.500 FEET)

BUSINESS 13 - CLINTON
BEGINNING OF PROJECT STA. 80+58.49
END OF PROJECT STA. 81+80.14
APPARENT LENGTH 121.65 FEET

TOTAL CORRECTIONS 23,825.060 FEET
NET LENGTH OF PROJECT 14,199.01 FEET
STATE LENGTH 2.690 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES <1 ACRES

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy 2026.02.26 10:22:06-06'00'
02-26-2026 10:22:41
CAMERON SOOY - CIVIL
MO-PE-202101971S

DATE PREPARED
2/10/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
HENRY
JOB NO.
JSR0338
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

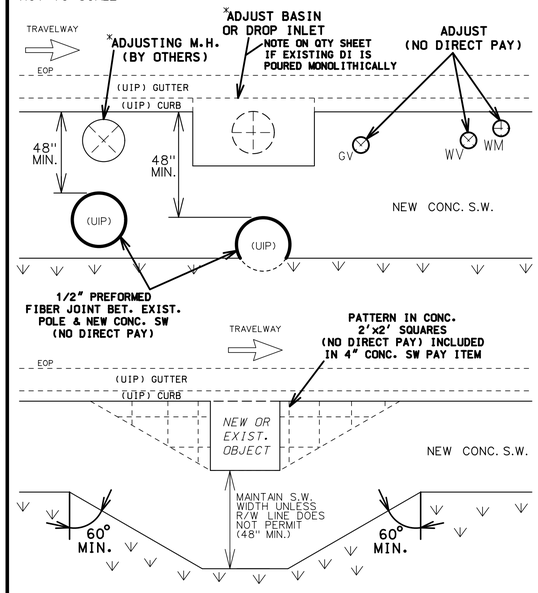
DESCRIPTION	DATE

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

1. CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 609.00.
2. TINTED CONCRETE SHALL NOT BE USED. 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)
3. CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
4. 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 SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
5. 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.
6. CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (16' MAX.)
   RUNNING SLOPE = >5% (MIN.) TO 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% PREFERRED (2% MAX.) UNLESS TIED TO ROADWAY EXCEPTION.
7. 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.
8. "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1057 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
9. 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).
10. 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% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMPS ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
11. SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMPS OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
12. S-CURB 12"-30" HIGH (MODIFIED S-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
13. SODDED SLOPES AT EDGES OF SIDEWALK OR S-CURB SHOULD BE GRADED TO BE 6:1 MIN.
14. IF THERE IS NO EXISTING CURB & GUTTER, OFFSET THE EOP 2.5' BEFORE CONSTRUCTING ANY CURBING, RAMP OR SIDEWALK.

NOT TO SCALE

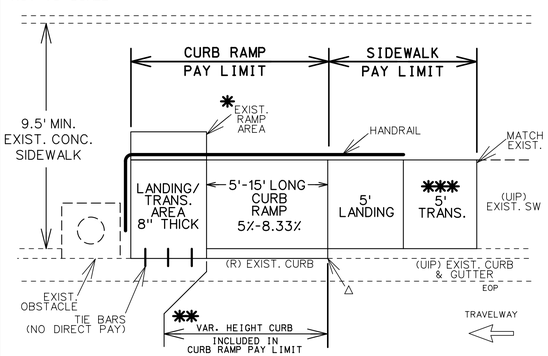


UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE

NOT TO SCALE

REVISED: 2025-06-24



△ MATCH EXIST CURB

* FILL IN WHERE EXIST. RAMP WAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

** VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS.

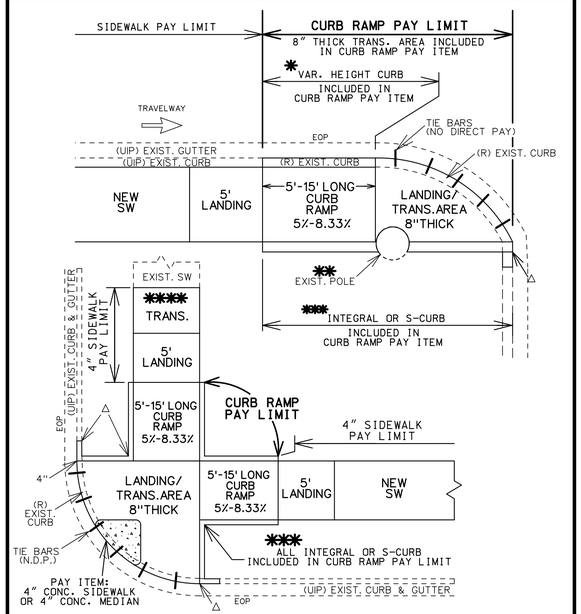
*** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

HANDRAIL 2' OFF E.O.P (SEE HANDRAIL STANDARDS)

CURB RAMP - IN EXISTING 9.5'+ WIDE SW

PAY LIMITS

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2026022626
Cameron Sooy
2026.02.26 10:22:06-06'00'
PROFESSIONAL ENGINEER
02-26-2026 SHEET 1 OF 8
CAMERON SOOY - CIVIL
MO-PE-2021019715
DATE PREPARED 2/6/2026
ROUTE VAR | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY HENRY
JOB NO. JSR0338
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)



△ MATCH EXIST CURB HEIGHT, OPTIONAL 1' TIE-IN TO EXIST CURB

* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONST. MONOLITHIC OR SEP. DEPENDING ON CONST. OPERATIONS.

** NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AND TRANSITION AREAS.

*** TYPE OF CURB WILL DEPEND ON FIELD CONDITIONS.

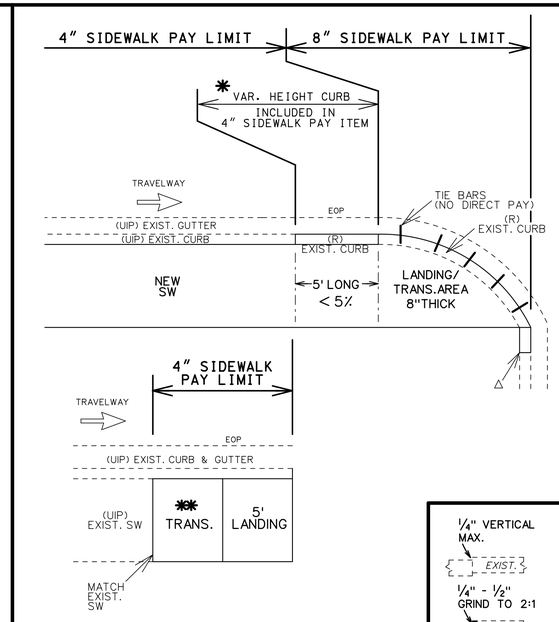
*** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

CURB RAMP

PAY LIMITS

WHEN RAMP AREA IS LONGER THAN 5'AND BETW. 5%-8.33% GRADE, IT IS CONSIDERED A CURB RAMP

NOT TO SCALE



△ MATCH EXIST CURB HEIGHT (1' TAPER FROM SIDEWALK UP TO EXIST CURB HEIGHT)

* VAR. HEIGHT CURB ALONG ROADSIDE MAY BE CONSTRUCTED MONOLITHIC OR SEPERATE DEPENDING ON CONST. OPERATIONS. DOWEL TO EXIST. GUTTER/PAVEMENT (NO DIRECT PAY).

** TRANSITION PANEL(S) TO BLEND CROSS SLOPE DISCREPENCY WARP RATE NOT TO EXCEED 0.5% PER FT

SIDEWALK

PAY LIMITS

WHEN RAMP AREA IS LESS THAN 5% GRADE, IT IS CONSIDERED SIDEWALK

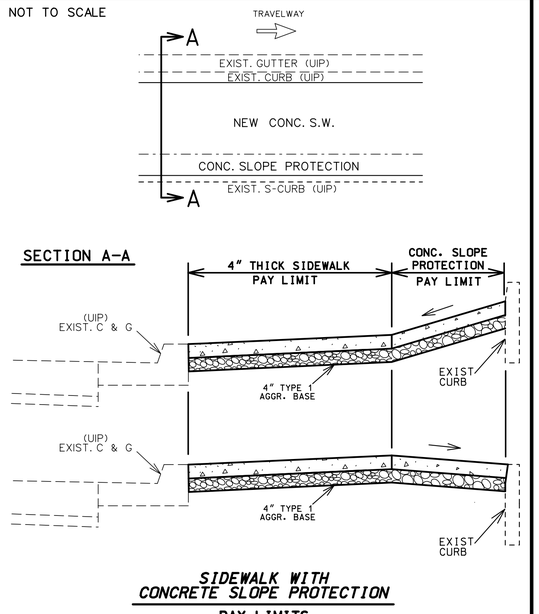
NOT TO SCALE

OVER 3/4" REPLACE PANEL(S)

JOINT GRINDING

TRIP HAZARDS 622-99.03

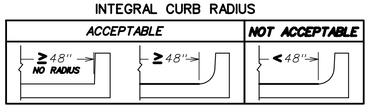
NOT TO SCALE



SIDEWALK WITH CONCRETE SLOPE PROTECTION

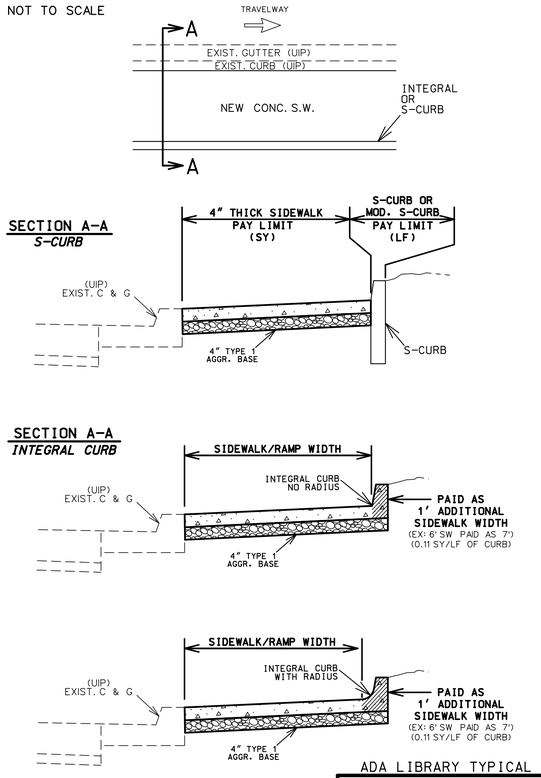
PAY LIMITS

INTEGRAL CURB RADIUS



SECTION A-A
INTEGRAL CURB WITH RADIUS

NOT TO SCALE



ADA LIBRARY TYPICAL

SIDEWALK & RAMP WITH CURB

PAY LIMITS

TYPICAL SHEET
SHEET 1 OF 8

REVISED: 2025-05-30

TYPE 1-A

LENGTH (LF)	8			12			16			REMARKS
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	–	16.5	19.4	–	19.2	22.7	–	21.1	25.0	
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-B

LENGTH (LF)	8			12			16			REMARKS
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	–	14.4	16.7	–	17.1	19.8	–	19.0	22.1	
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	

TYPE 1-C

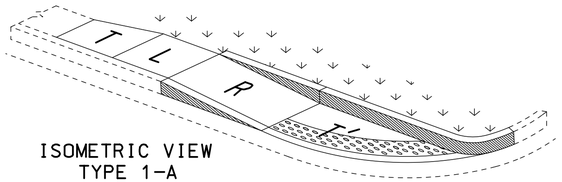
LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	18.6	22.8	–	24.0	29.0	–	29.3	35.3	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	29.8	35.6	–	35.2	41.8	–	39.1	46.7	
ADA LINEAR GRADING LF	–	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-D

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	18.0	24.0	–	18.0	24.0	–	18.0	24.0	
CURB RAMP SY	–	14.8	19.0	–	20.1	25.2	–	25.5	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.0	31.8	–	31.3	38.0	–	35.3	42.8	
ADA LINEAR GRADING LF	–	43.0	46.0	–	52.0	55.0	–	59.0	62.0	
SODDING SY	–	13.3	13.6	–	16.0	16.9	–	18.6	19.3	

TYPE 1-E

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	14.0	16.0	–	14.0	16.0	–	14.0	16.0	
CURB RAMP SY	–	15.5	19.0	–	20.8	25.2	–	26.2	31.4	
CONC. SIDEWALK SY	–	11.2	12.8	–	11.2	12.8	–	9.8	11.4	
TYPE 1 AGGREGATE SY	–	26.7	31.8	–	32.0	38.0	–	36.0	42.8	
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	



ISOMETRIC VIEW
TYPE 1-A

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

T - TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED 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)

L - LANDING

R - RAMP

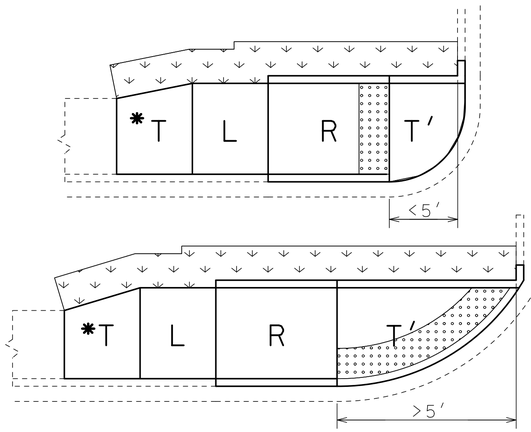
- CURB RAMP PAY LIMITS

- SOD SLOPE 6:1 MIN.

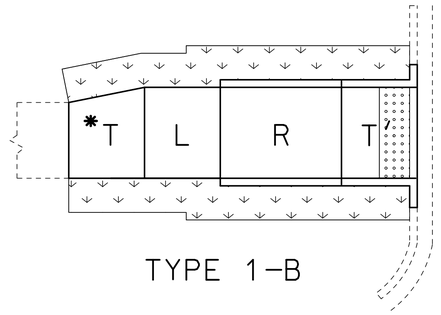
- TRUNCATED DOME LOCATION IF DIST. IS <5′ OR >5′

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

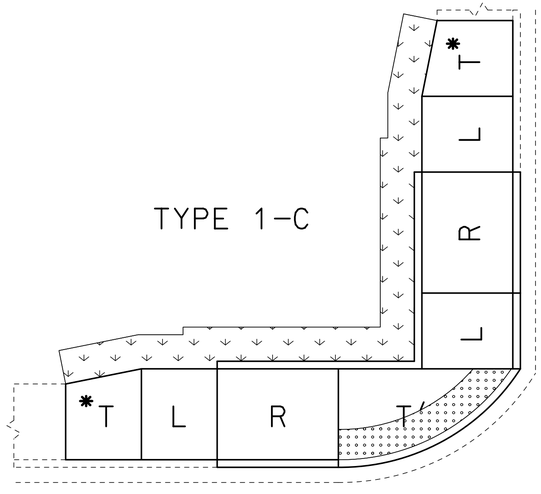
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



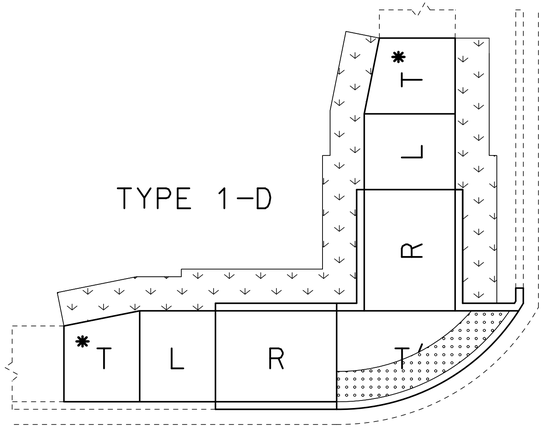
TYPE 1-A



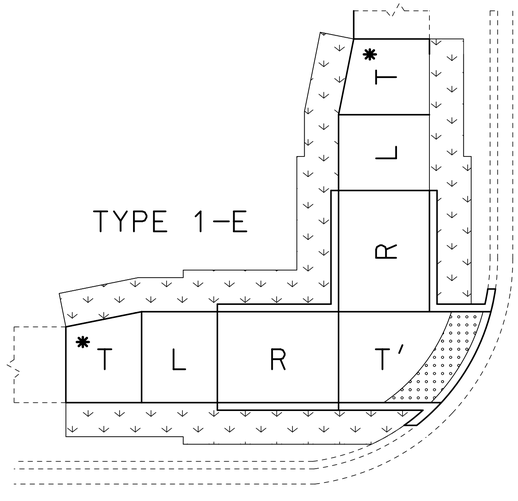
TYPE 1-B



TYPE 1-C



TYPE 1-D



TYPE 1-E

ADA LIBRARY TYPICAL

TYPE 1

PERPENDICULAR CURB RAMPS

TYPICAL SHEET 2 OF 8

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2026022626
Cameron Sooy
2026.02.26 10:22:06-06'00'
PROFESSIONAL ENGINEER

02-26-2026 10:22:06
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
HENRY

JOB NO.
JSR0338

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)

PARALLEL – TYPE 2

TYPE 2-A

LENGTH (LF)	8			12			16			REMARKS
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	–	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	–	14.7	17.0	–	16.7	19.4	–	19.3	22.5	
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

LENGTH (LF)	8			12			16			REMARKS
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	–	17.4	19.7	–	19.4	22.1	–	22.1	25.2	
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

LENGTH (LF)	8			12			16			REMARKS
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	–	27.6	31.5	–	31.5	36.3	–	36.8	42.6	
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

LENGTH (LF)	8			12			16			REMARKS
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	–	28.0	32.0	–	32.0	36.8	–	37.3	43.0	
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	

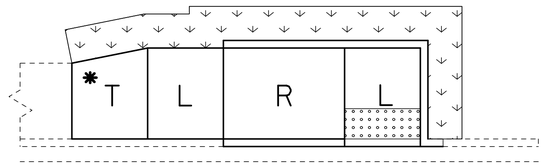
TYPE 2-E

LENGTH (LF)	8			12			16			REMARKS
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	–	16.4	18.2	–	18.2	20.4	–	20.7	23.3	
ADA LINEAR GRADING LF	–	22.5	22.5	–	26.5	26.5	–	30.5	30.5	
SODDING SY	–	–	–	–	–	–	–	–	–	
HANDRAIL LF	–	–	–	–	–	–	–	–	–	SEE STANDARDS FOR LENGTH

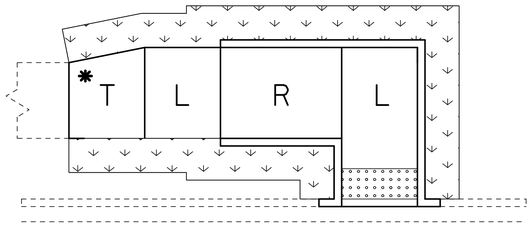
TYPE 2-F

LENGTH (LF)	8			12			16			REMARKS
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	–	26.7	30.5	–	30.4	35.1	–	35.5	40.9	
ADA LINEAR GRADING LF	–	39.0	39.0	–	47.0	47.0	–	55.0	55.0	
SODDING SY	–	–	–	–	–	–	–	–	–	
HANDRAIL LF	–	–	–	–	–	–	–	–	–	SEE STANDARDS FOR LENGTH

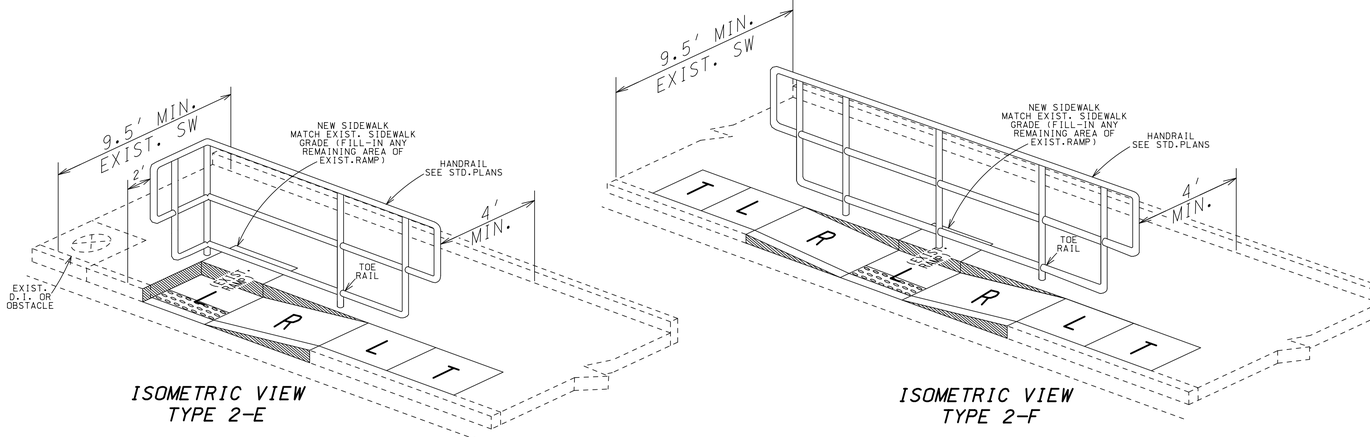
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



TYPE 2-A



TYPE 2-B

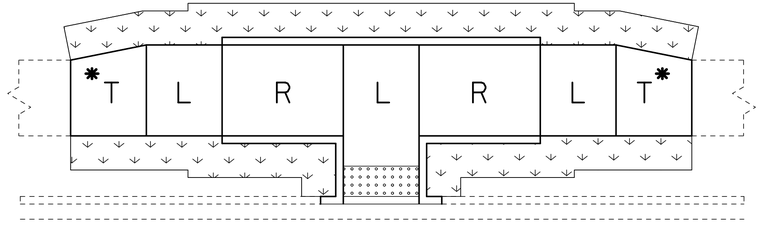


ISOMETRIC VIEW
TYPE 2-C

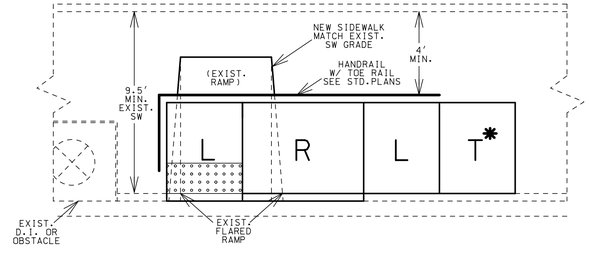
TYPE 2-C

ISOMETRIC VIEW
TYPE 2-E

ISOMETRIC VIEW
TYPE 2-F



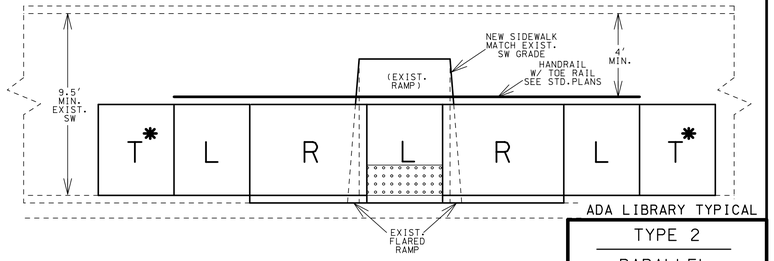
TYPE 2-D



TYPE 2-E

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



ADA LIBRARY TYPICAL

TYPE 2-F

SEE STANDARDS FOR HANDRAIL SPECS

** 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 DOMES

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)

L – LANDING

R – RAMP

– SOD SLOPE 6:1 MIN.

– CURB RAMP PAY LIMITS

REVISED: 2025-05-30

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2026022626
Cameron Sooy
2026.02.26 10:22:07-06'00'
PROFESSIONAL ENGINEER

02-26-2026 10:22:06
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
HENRY

JOB NO.
JSR0338

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)

TYPE 2
PARALLEL
CURB RAMPS

TYPICAL SHEET
3 OF 8

REVISED: 2025-05-30

PARALLEL – TYPE 2 (cont'd.)

TYPE 2-G

LENGTH (LF)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	20.8	23.7	–	25.8	30.2	
CONC. SIDEWALK SY	–	21.4	25.0	–	17.6	20.3	–	15.2	17.5	
TYPE 1 AGGREGATE SY	–	37.1	43.0	–	38.4	44.0	–	41.0	47.7	
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)	8			12			16			REMARKS
WIDTH (LF)	4	5	6	4	5	6	4	5	6	
TRUNCATED DOMES SF	–	12.0	12.0	–	10.0	10.0	–	10.0	10.0	
CURB RAMP SY	–	15.7	18.0	–	21.0	24.5	–	26.9	31.4	
CONC. SIDEWALK SY	–	13.2	16.0	–	12.0	14.2	–	12.0	14.4	
TYPE 1 AGGREGATE SY	–	28.9	34.0	–	33.0	38.6	–	38.9	45.8	
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)

T – TRANSITION TO EXISTING SW

L – LANDING

R – RAMP

– SOD SLOPE 6:1 MIN.

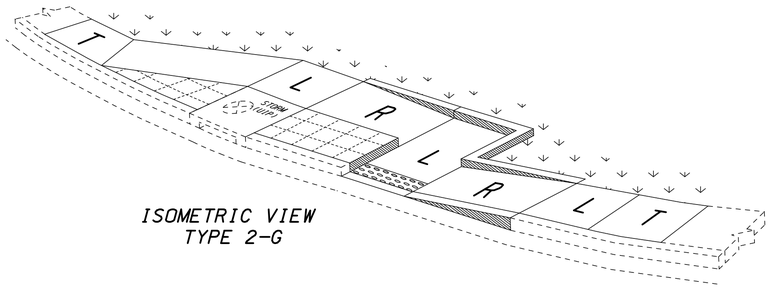
– TRUNCATED DOME LOCATION, IF DIST. IS <5' OR > 5'

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

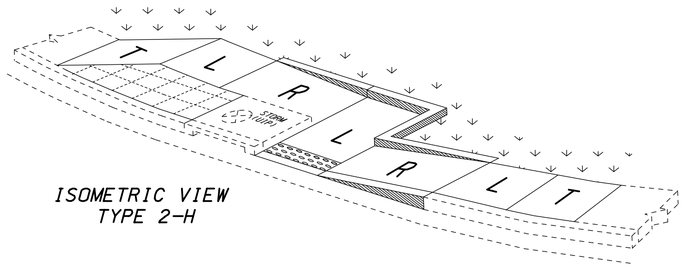
– CURB RAMP PAY LIMITS

– INCLUDED IN 4" CONC. SIDEWALK PAY LIMIT

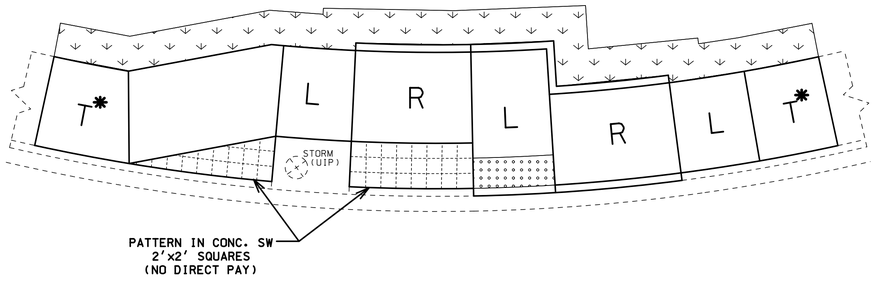
NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.



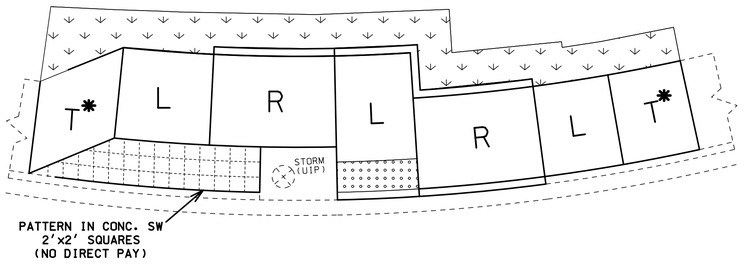
ISOMETRIC VIEW
TYPE 2-G



ISOMETRIC VIEW
TYPE 2-H



TYPE 2-G



TYPE 2-H

ADA LIBRARY TYPICAL

TYPE 2

PARALLEL CURB RAMPS

TYPICAL SHEET 4 OF 8

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
02-26-2026 10:22:07-06'00'
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
HENRY

JOB NO.
JSR0338

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)

DIAGONAL – TYPE 3

TYPE 3-A

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	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	–	35.6	39.8	–	36.7	42.6	–	42.0	48.8	
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	
4"SW OR MED STRIP SY	–	3.0	2.2	–	3.0	2.2	–	3.0	2.2	

TYPE 3-B

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	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	–	33.2	39.1	–	35.7	42.6	–	41.0	48.8	
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	
4"SW OR MED STRIP SY	–	1.5	1.5	–	1.5	1.5	–	1.5	1.5	

TYPE 3-C

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	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	–	31.9	39.6	–	34.9	42.9	–	40.2	49.1	
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	
4"SW OR MED STRIP SY	–	1.0	1.6	–	1.0	1.6	–	1.0	1.6	

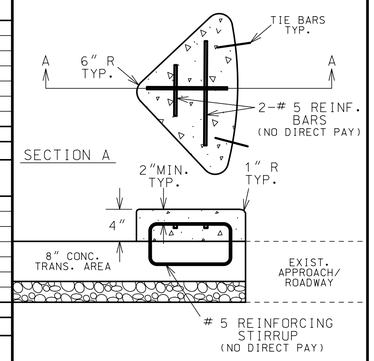
TYPE 3-D

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	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	–	21.5	25.5	–	22.6	27.1	–	25.3	30.2	
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	
4"SW OR MED STRIP SY	–	1.0	0.8	–	1.0	0.8	–	1.0	0.8	

TYPE 3-E

LENGTH (LF) / WIDTH (LF)	8			12			16			REMARKS
	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	–	25.6	30.5	–	25.0	30.8	–	27.7	33.9	
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	
4"SW OR MED STRIP SY	–	1.6	1.6	–	1.6	1.6	–	1.6	1.6	

– DETAIL – 4" SIDEWALK OR 4" MEDIAN STRIP



T′– IS TO BE 8" THICK AT ALL PAVED APPROACHES AND STREETS IF WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.

T – TRANSITION TO EXISTING SW OR PAVED APPROACH (LANDING PREFERED 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)

L – LANDING

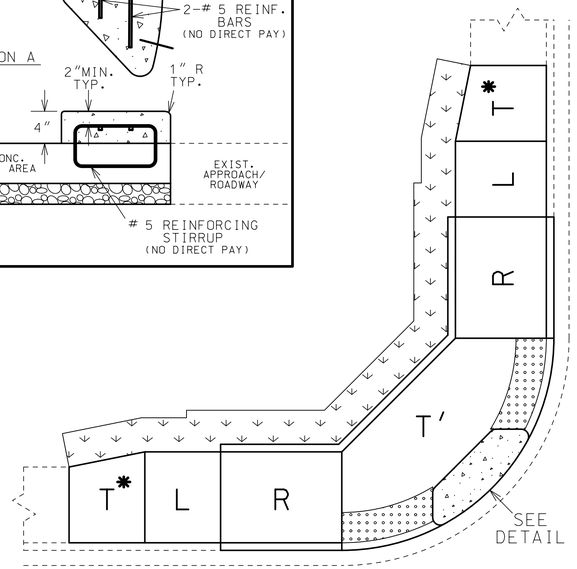
R – RAMP

– CURB RAMP PAY LIMITS

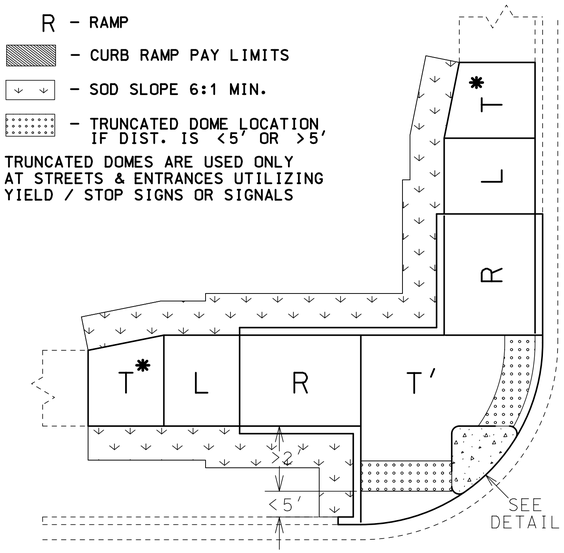
– SOD SLOPE 6:1 MIN.

– TRUNCATED DOME LOCATION, IF DIST. IS <5′ OR >5′

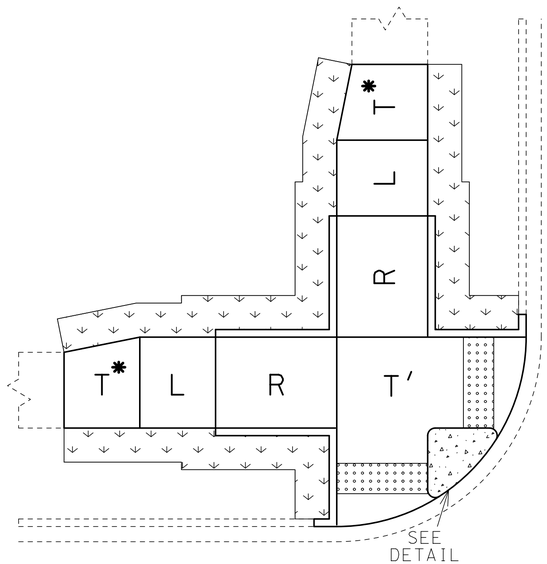
TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING YIELD / STOP SIGNS OR SIGNALS



TYPE 3-A

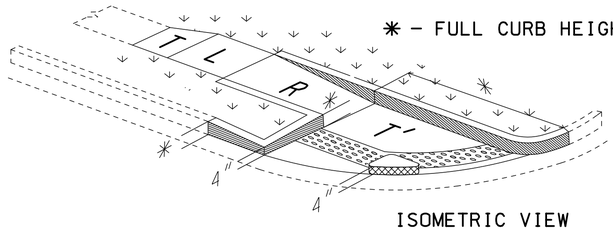


TYPE 3-B

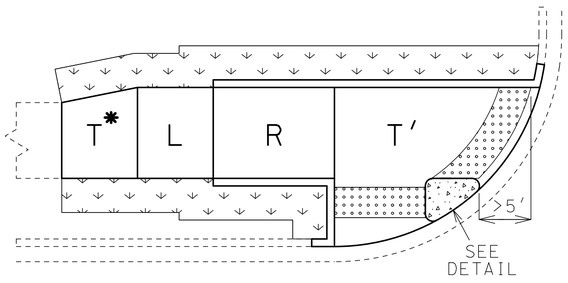


TYPE 3-C

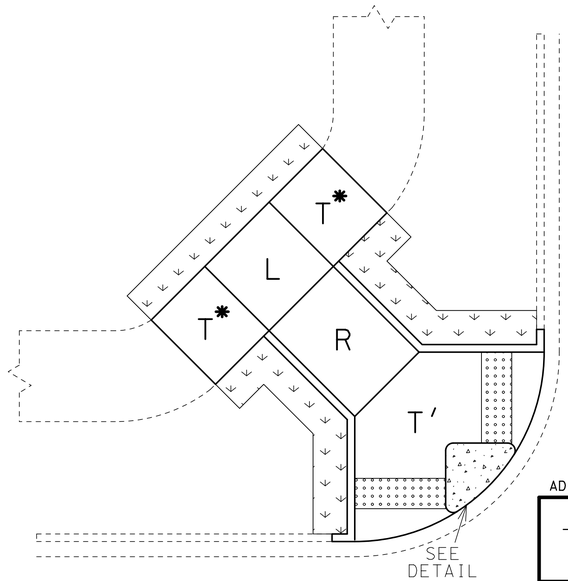
* – FULL CURB HEIGHT



ISOMETRIC VIEW
TYPE 3-D



TYPE 3-D



TYPE 3-E

ADA LIBRARY TYPICAL

TYPE 3
DIAGONAL CURB RAMPS

TYPICAL SHEET 5 OF 8

REVISED: 2025-06-09

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy 2026.02.26 10:22:07-06'00'
02-26-2026 10:22:07
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
HENRY

JOB NO.
JSR0338

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)

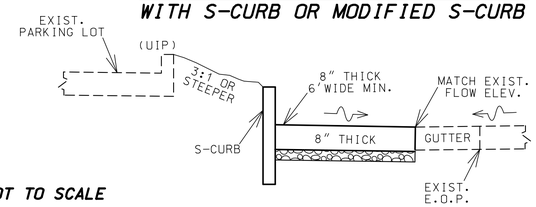
REVISED: 2022-05-16

NOTES FOR MODIFIED SIDEWALK:

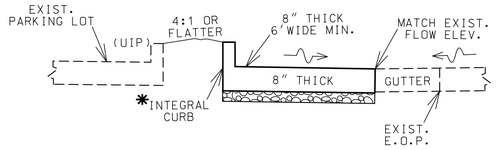
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
5. MODIFIED SIDEWALK PAID FOR AS 8" SIDEWALK.
6. 6' MINIMUM WIDTH.
7. NO DIRECT PAY FOR SAW CUTS AND TIE BARS (ON 12" CENTERS MAX.)
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

✱ INTEGRAL CURB IS PAID FOR WITH THE 8" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

SECTION A-A
WITH S-CURB OR MODIFIED S-CURB



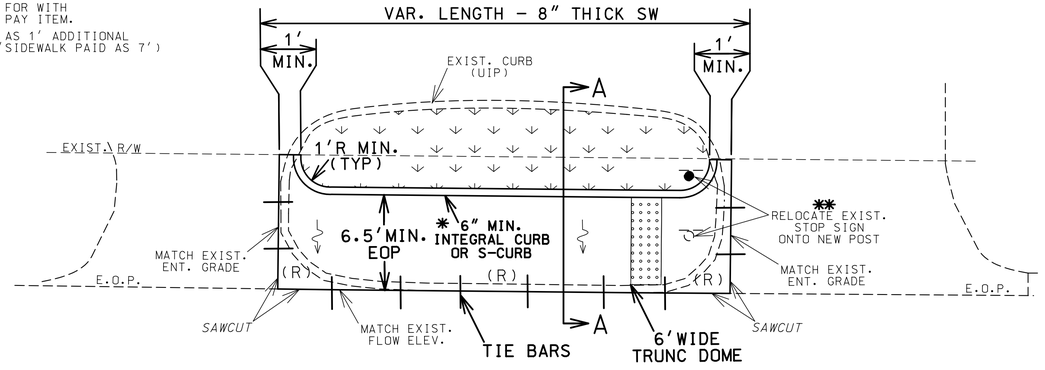
SECTION A-A
WITH INTEGRAL CURB



NOT TO SCALE

TYPICAL MODIFIED SIDEWALK
8" THICK

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

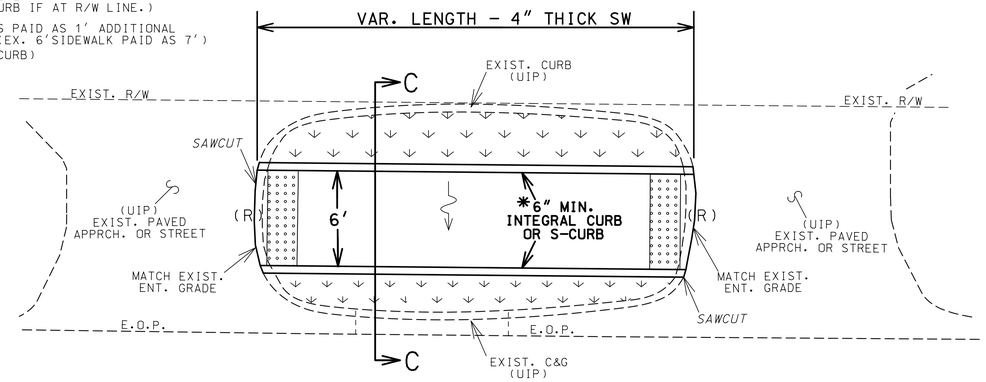


NOTES FOR CUT-THRU SIDEWALK:

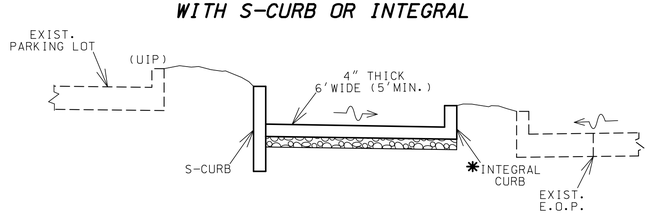
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
5. CUT-THRU SIDEWALK PAID FOR AS 4" SIDEWALK.
6. 6' PREFERRED WIDTH (5' MIN.)
7. SAW CUTS (NO DIRECT PAY).
8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
9. X-SLOPE 1% PREFERRED (2% MAX.)
10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.

TYPICAL CUT-THRU SIDEWALK

✱ INTEGRAL CURB IS PAID FOR AS 4" CONC. SIDEWALK PAY ITEM. S-CURB IS PAID FOR AS ITS OWN PAY ITEM.
(ALWAYS USE S-CURB IF AT R/W LINE.)
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)



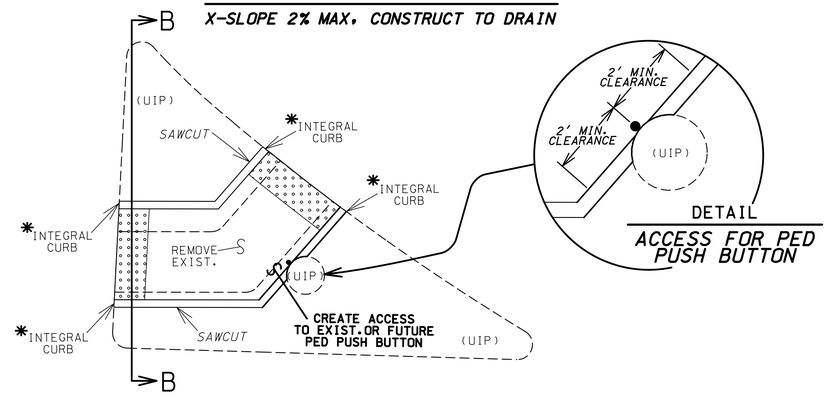
SECTION C-C
WITH S-CURB OR INTEGRAL



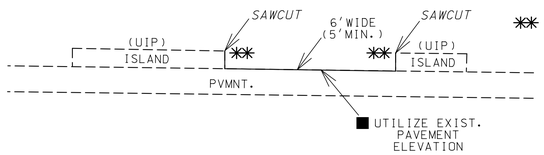
NOT TO SCALE

NOT TO SCALE

TYPICAL ISLAND CUT-THRU SIDEWALK
X-SLOPE 2% MAX. CONSTRUCT TO DRAIN



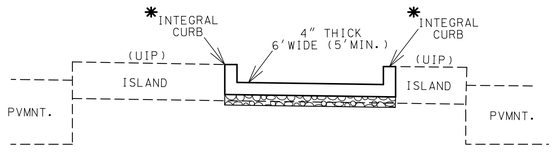
SECTION B-B
ISLAND CUT-THRU SIDEWALK FOR EXISTING 'PINNED-ON' ISLAND



■ SMALL QTY. HAS BEEN INCLUDED FOR 8" THICK SIDEWALK TO ADDRESS ANY UNFORSEEN PVMNT. REPAIRS OR DIFFERENCES IN ELEVATION. (UNDERRUN IF FIELD CONDITIONS DO NOT WARRANT)

✱✱ NO INTEGRAL CURB, AGGR. OR LIN. GRADING REQUIRED IF THE ISLAND IS 'PINNED-ON'

SECTION B-B
ISLAND CUT-THRU SIDEWALK



✱ INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
INTEGRAL CURB IS PAID AS 1' ADDITIONAL SIDEWALK WIDTH (EX. 6'SIDEWALK PAID AS 7')
(0.11 SY/LF OF CURB)

ADA LIBRARY TYPICAL

MODIFIED SIDEWALK AND SIDEWALK CUT-THRUs

TYPICAL SHEET 6 OF 8

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
Cameron Sooy 2026.02.26 10:22:07-06'00'
PROFESSIONAL ENGINEER
02-26-2026 10:22:07
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 2/6/2026
ROUTE: VAR | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: HENRY
JOB NO.: JSR0338
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

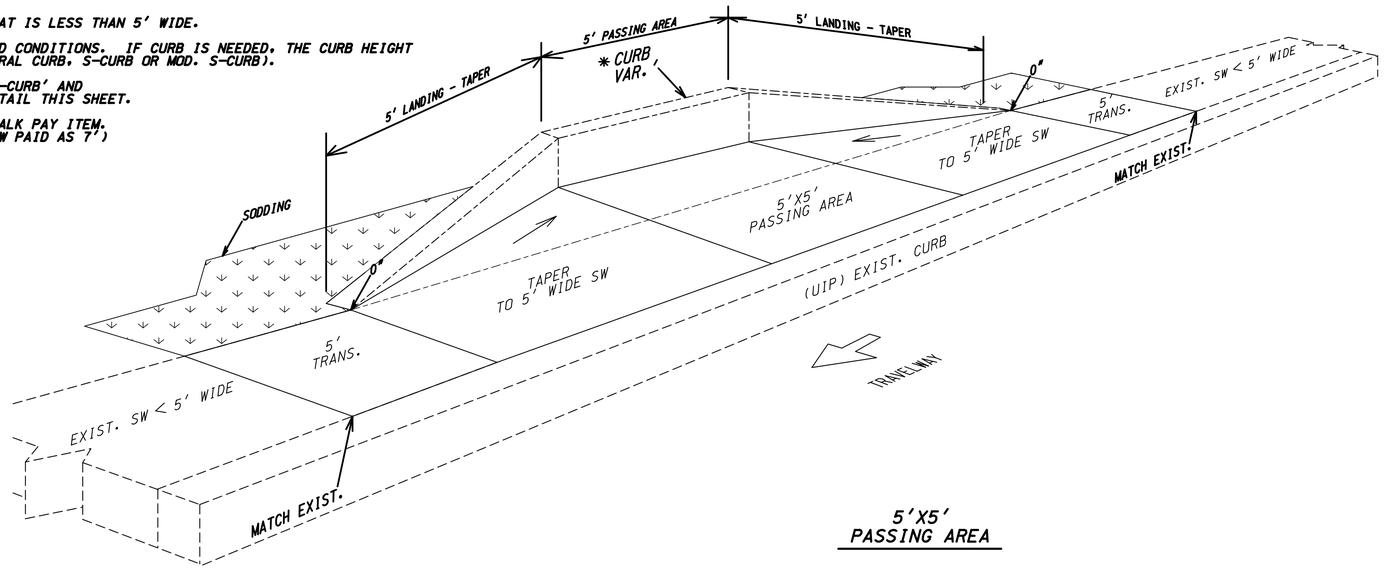
DESCRIPTION	DATE

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

REVISED: 2024-01-18

NOTES:

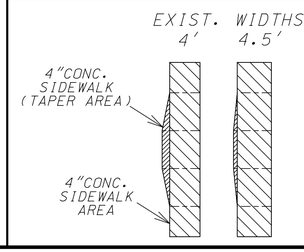
1. PASSING AREA REQUIRED EVERY 200' ON SIDEWALK THAT IS LESS THAN 5' WIDE.
2. * CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS NEEDED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).
3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
4. ** 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)



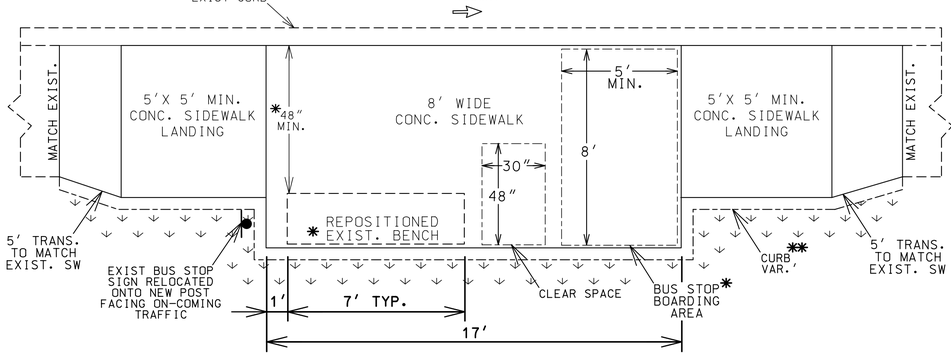
5'X5' PASSING AREA

NOT TO SCALE

QUANTITIES FOR PASSING AREAS				
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
MODIFIFED S-CURB		LF	17.2	16.0
SODDING		SY	53.0	53.0
LINEAR GRADING		LF	25.0	25.0



BUS STOP WITH BENCH



NOTES:

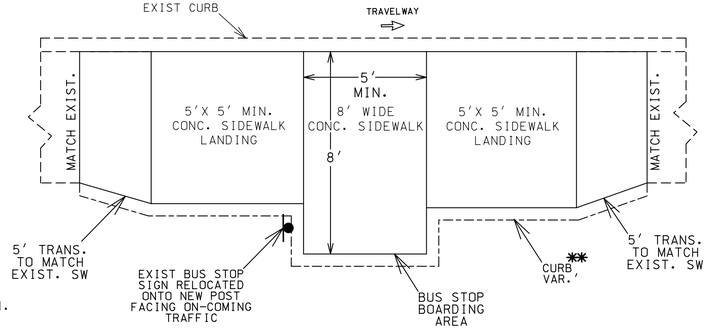
* 1. THE REPOSITIONED BENCH SHALL NOT BE PLACED ON THE 5'X8' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH AT THE BACK EDGE OF THE CONC. PAD TO PROVIDE MAX.CLEARANCE.

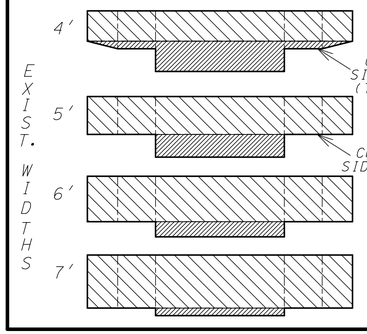
** 2. CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS NEEDED DUE TO CUT, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRAL CURB, S-CURB OR MOD. S-CURB).

3. S-CURB OVER 12" TALL IS PAID FOR AS 'MODIFIED S-CURB' AND REQUIRES REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.

*** 4. 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)

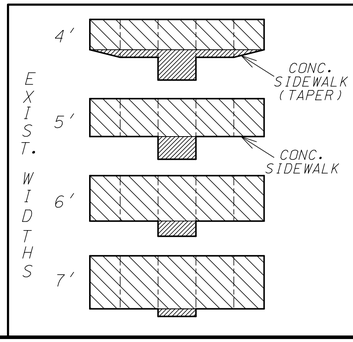
BUS STOP WITHOUT BENCH





QUANTITIES FOR BUS STOPS WITH BENCH					
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
MODIFIFED 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

NOT TO SCALE



QUANTITIES FOR BUS STOPS – NO BENCH					
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
MODIFIFED 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

ADA LIBRARY TYPICAL

PASSING AREAS AND BUS STOPS

TYPICAL SHEET 7 OF 8

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:07-06'00'
02-26-2026 SHEET
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
HENRY

JOB NO.
JSR0338

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

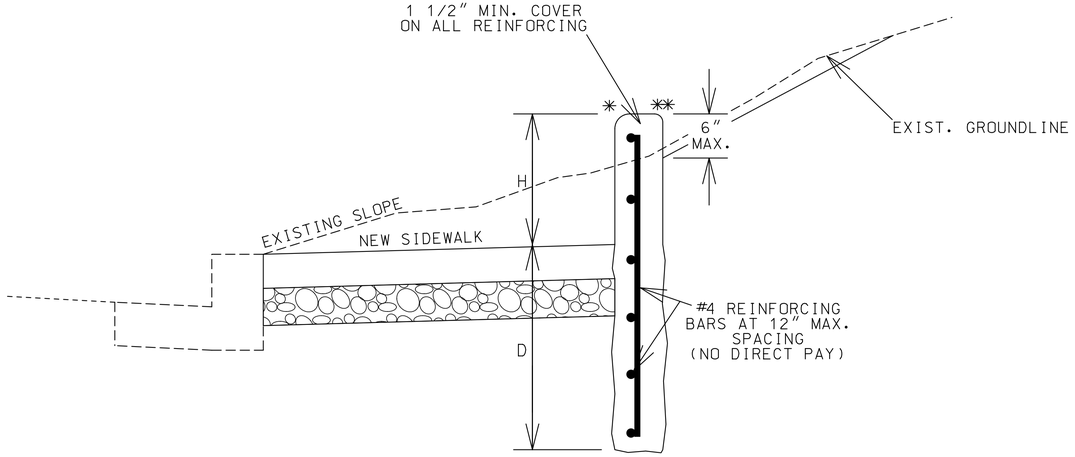
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

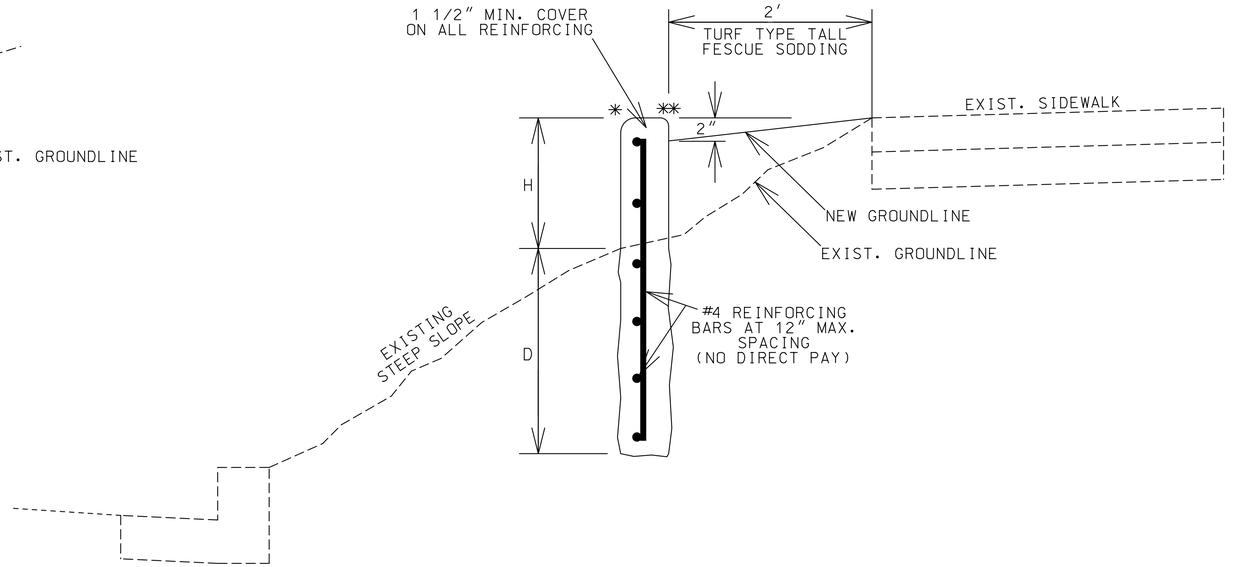
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CREATED: 2023-11-16
REVISED: 2024-02-13

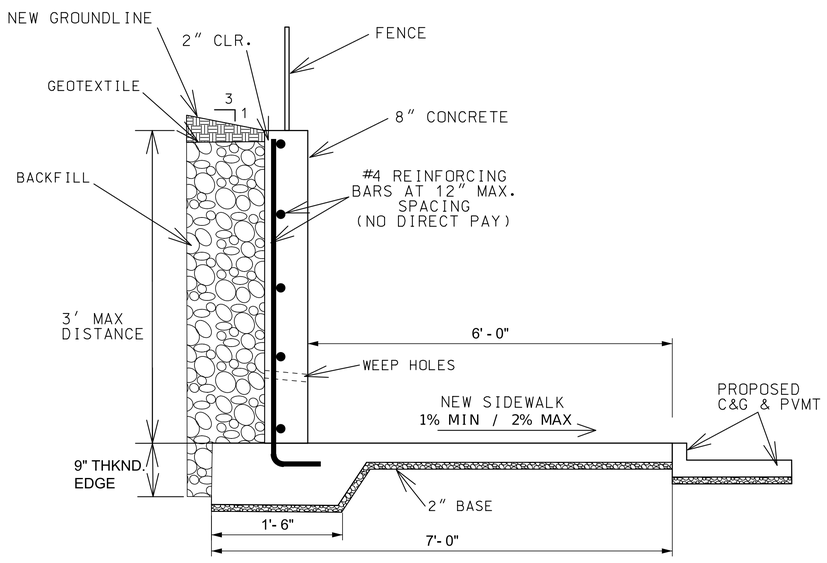
✳ ROUND TO 3/4" RADIUS
✳✳ ROUND TO 1/4" RADIUS
H = 2'-6" MAX. (30")
D = BURY DEPTH (FORMING NOT REQUIRED)
THIS SHALL BE 18 INCHES OR "H" WHICHEVER IS GREATER.
VERTICAL REINFORCING LENGTHS VARY AS NEEDED.
DEPTH MAY BE REDUCED IF KEYED 6" IN ROCK

MODIFIED S-CURB
> 12" TALL (2'-6" MAX.)





NOT TO SCALE



MODIFIED S-CURB
> 12" TALL (3'-0" MAX.)
POURED CONCRETE SIDEWALK WALL

NOT TO SCALE

ADA LIBRARY TYPICAL

MODIFIED S-CURB

TYPICAL SHEET
8 OF 8

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:07-06'00'
02-26-2026 10:22:07
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

REMOVAL OF IMPROVEMENTS

STA. OR LOG MI	ROUTE	OFFSET	UNITS	TOTAL	REMARKS
MONTROSE					
43.9925	RTE. 52	15.13' RT.	EA	1	REMOVE EXIST. SCHOOL X-ING SIGN
17.2159	RTE. K	16.77' RT.	EA	1	REMOVE EXIST. SCHOOL X-ING SIGN
44.2511	RTE. 52	16.00' RT.	EA	1	REMOVE EXIST. SCHOOL X-ING SIGN
44.2534	RTE. 52	15.60' LT.	EA	1	REMOVE EXIST. SCHOOL X-ING SIGN
44.3713	RTE. 52	20.00' LT.	EA	1	REMOVE EXIST. SCHOOL X-ING SIGN
CLINTON					
18+64.07	RTE. 18	24.94' RT.	EA	1	REMOVE EXIST. SCHOOL X-ING SIGN
18+81.56	RTE. 18	24.89' LT.	EA	1	REMOVE EXIST. SCHOOL X-ING SIGN
80+83.38	BUS. 13	20.58' RT.	SY	3	REMOVE 5x5 SIDEWALK PIECE BETWEEN EOP AND SIDEWALK
1 LUMP SUM					

PAVEMENT MARKING

SHEET	ROUTE	CENTER STATION/LOG MI	PREFORMED THERMOPLASTIC PAVEMENT MARKING 24" WHITE LF	REMARKS
WINDSOR				
4	RTE. WW	52+93.1	36.0	SCHOOL CROSSING S/O INDUSTRIAL DR
5	RTE. WW	58+25.7	36.0	SCHOOL CROSSING N/O WALLACE AVE
6	RTE. 52	665+69.32	48.0	E/W CROSSWALK, RTE.WW/RTE.2 INTERSECTION
8	RTE. 52	35+74.76	78.0	N/S CROSSWALK, E/O RTE. 2/RTE. 52 INTERSECTION
8	RTE. 52	36+18.56	78.0	E/W CROSSWALK, N/O OF RTE. 2/RTE. 52 INTERSECTION
8	RTE. 52	36+17.93	78.0	E/W CROSSWALK, S/O RTE. 2/RTE. 52 INTERSECTION
8	RTE. 52	36+56.47	78.0	N/S CROSSWALK, W/O RTE. 2/RTE. 52 INTERSECTION
9	RTE. 52	43+55.56	36.0	E/O COLT ST
10	RTE. 52	48+15.25	42.0	W/O CENTER ST/PHELPS ST
11	RTE. 52	51+52.49	58.0	E/O GRANT ST, WINDSOR ELEMENTARY
13	RTE. 52	60+99.60	30.0	W/O JEFFERSON ST
		SUBTOTAL	598.0	
MONTROSE				
17	RTE. 52	44.253	40.0	8'W BLOCKS AT NON-INTERSECTION (SPEED LIMIT 40)
		SUBTOTAL	40.0	
CLINTON				
22	RTE. 18	217+70.71	42.0	W/O ORCHARD ST
23	RTE. 18	227+03.69	42.0	W/O WASHINGTON ST
23	RTE. 18	227+56.24	48.0	E/O WASHINGTON ST
24	RTE. 18	2+63.00	42.0	W/O MAIN ST
24	RTE. 18	3+20.24	42.0	E/O MAIN ST
25	RTE. 18	8+74.34	49.7	W/O 2ND ST
25	RTE. 18	9+04.42	55.4	N 2ND ST
25	RTE. 18	9+05.86	58.6	S 2ND ST
25	RTE. 18	0+31.00	60.0	E/O 2ND ST
26	RTE. 18	4+50.56	54.0	W/O 3RD ST
26	RTE. 18	5+06.37	54.0	E/O 3RD ST
30	RTE. 18	18+74.48	54.0	W/O 6TH ST
32	RTE. 18	26+70.75	54.0	W/O PEYTON ST
33	RTE. 18	31+34.43	60.0	W/O 8TH ST
		SUBTOTAL	715.7	
		TOTAL	1353.7	
		USE	1354	

CULVERT (EXTENSION)

SHEET	CENTER STA.	OFFSET FT	LOCATION RT/LT	15" GROUP B FES EACH	15" GROUP B PIPE LF	PIPE COLLAR TYPE A EACH	ROCK LINING CY	REMARKS
WINDSOR - ROUTE 2								
7	675+25.77	-37.44	LT	1	4.0	1	2.0	PIPE EXTENSION E/O N FRANKLIN ST
			TOTALS	1	4.0	1	2.0	
			USE	1	4	1	2	

PAVEMENT MARKING REMOVAL

SHEET	(CENTER) STATION OR LOG MILE	PAVEMENT MARKING REMOVAL LF	REMARKS
WINDSOR - ROUTE 52			
8	36+19.83	560.0	ROUTE 2/52 6" WHITE CROSSWALKS (x4)
10	47+66.14	16.0	STOP BAR E/O PHELPS/CENTER ST
10	48+27.72	16.0	STOP BAR W/O PHELPS/CENTER ST
10	48+15.25	72.0	6" WHITE CROSSWALK - CENTER/PHELPS ST
11	51+45.55	16.0	STOP BAR E/O GRANT ST
11	52+15.88	16.0	STOP BAR W/O GRANT ST
11	51+52.49	70.0	6" WHITE CROSSWALK - WINDSOR ELEMENTARY
	SUBTOTAL	766.0	
MONTROSE - ROUTE 52			
17	44.253	40.0	5'x8' MIDBLOCKS @ MONTROSE ELEMENTARY
	SUBTOTAL	40.0	
CLINTON - ROUTE 18			
25	9+08.50	200.0	ROUTE 18/2ND ST 6" WHITE CROSSWALKS (x4)
30	18+66.08	14.0	STOP BAR W/O 6TH ST
30	19+40.57	11.0	STOP BAR E/O 6TH ST
30	18+83.00	94.0	6" CROSSWALK - 6TH ST
	SUBTOTAL	319.0	
	TOTAL	1125.0	
	USE	1125	

SIDEWALK MANICURE

SHEET	STA.	STA.	LOCATION RT/LT	SIDEWALK MANICURE LF	REMARKS
WINDSOR - ROUTE 52					
10	48+16.18	48+21.18	LT	15.0	EXIST. CURB RAMP W/O PHELPS ST
			SUBTOTAL	15.0	
CLINTON - ROUTE 18					
20	208+85.24	209+86.38	RT	101.1	W/O MCLANE ST
26-32	3+41.94	26+93.54	RT	2351.6	W/O 3RD ST TO W/O PEYTON ST
22	216+76.05	217+76.05	LT	100.0	W/O ORCHARD ST
25-27	0+56.13	6+94.07	LT	637.9	E/O 2ND ST TO E/O 3RD ST
28-30	12+73.86	18+62.28	LT	588.4	E/O 5TH ST TO W/O 6TH ST
32-33	27+83.51	32+50.36	LT	466.9	E/O PEYTON ST TO E/O 8TH ST
			SUBTOTAL	4245.9	
			TOTAL	4260.9	
			USE	4261	

CULVERT CLEANOUT

SHEET	STA.	LOCATION RT/LT	CULVERT CLEANOUT EACH	REMARKS
CLINTON - ROUTE 18				
20	209+90.00	RT	1	W/O MCLANE ST
		TOTAL	1	
		USE	1	

CONTRACTOR FURNISHED SURVEYING & STAKING
1 LUMP SUM

MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 1 OF 5

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:07-06'00'
02-26-2026 10:22:07
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/10/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
HENRY

JOB NO.
JSR0338

CONTRACT ID.

PROJECT NO.

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DESCRIPTION

DATE

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

PAVED APPROACHES

SHEET	CENTER STATION	LOCATION	8" PAVED APPROACH SY	TYPE 1 AGGREGATE FOR BASE 4" THICK SY	ADA LINEAR GRADING LF	REMARKS
WINDSOR - ROUTE 2						
6	666+00.13	13.6' LT.	395.2	395.2	118.2	ROUTE WW RADIUS (ENTRANCE 1)
		SUBTOTALS	395.2	395.2	118.2	
CLINTON - ROUTE 18						
20	208+74.39	13.6' RT	48.4	48.4	41.7	W/O MCLANE ST (ENTRANCE 2)
21	215+62.79	18.4' RT	62.7	62.7	64.8	E/O CARTER STREET, W/O ORCHARD ST (ENTRANCE 3)
21	216+26.59	18.0' RT	62.0	62.0	46.6	E/O CARTER STREET, W/O ORCHARD ST (ENTRANCE 4)
26	5+89.48	19.3' RT	7.5	7.5	4.8	REMOVE GRASS AREA BETWEEN DRIVEWAYS (ENTRANCE 5)
29	16+85.24	19.7' RT	10.1	10.1	12.8	REMOVE GRASS AREA BETWEEN DRIVEWAYS (ENTRANCE 6)
30	18+95.32	19.1' RT	68.3	68.3	59.8	S 6TH ST (ENTRANCE 7)
30	19+12.84	19.3' LT	70.9	70.9	65.0	N 6TH ST (ENTRANCE 8)
		SUBTOTALS	329.9	329.9	295.5	
		TOTALS	725.1	725.1	413.7	
		USE	725.1	SEE ADA QTY TABLE	SEE ADA QTY TABLE	

CURB AND GUTTER

SHEET	ROUTE	STATION	TO	STATION	LOCATION	CURB AND GUTTER TYPE B LF	TYPE 1 AGGREGATE FOR BASE 4" THICK SY	REMARKS
WINDSOR								
4	RTE. WW	52+76.98	-	53+03.40	RT	33.48	14.88	S/O INDUSTRIAL DR
5	RTE. WW	58+11.85	-	58+33.70	RT	31.72	14.10	N/O WALLACE AVE
					SUBTOTALS	65.20	28.98	
CLINTON								
21	RTE. 18	215+83.83	-	216+05.52	RT	21.7	9.6	IN BETWEEN TWO PAVED APPROACHES E OF CARTER ST
25	BUS. 13	80+58.49	-	81+23.36	RT	64.9	28.8	SW BUS. 13/2ND ST
25	RTE. 18	0+19.81	-	0+40.10	RT	28.7	12.8	SE QUAD RTE 18 & 2ND ST
					SUBTOTALS	115.3	51.2	
					TOTALS	180.5	80.2	
					USE	181	SEE ADA QTY TABLE	

SIDEWALK JOINT GRINDING

SHEET	STA.	LOCATION RT/LT	SIDEWALK JOINT GRINDING LF	REMARKS
CLINTON - ROUTE 18				
28	15+18.49	RT	5.0	E/O DRIVEWAY - HOUSE #510
31	22+12.82	RT	5.0	W/O CEML LAW OFFICE ENTRANCE
31	22+70.15	RT	5.0	E/O CEML LAW OFFICE ENTRANCE
27	7+20.57	LT	5.0	E/O HOUSE #305, BEHIND STORM DRAIN
27	7+40.57	LT	5.0	
27	9+07.67	LT	5.0	W/O STAIRS, HOUSE #313
28	15+22.89	LT	5.0	JUST E/O 2ND DRIVEWAY E/O 5TH ST
29	15+94.98	LT	5.0	W/O STAIRS, HOUSE #511
31	21+28.84	LT	5.0	W/O EQUITY BANK
		TOTAL	45.0	
		USE	45	

4 IN. CONCRETE MEDIAN (RAISED ISLAND)

SHEET	ROUTE	LT/RT LOCATION	STA.	STA.	4 IN. CONCRETE. MEDIAN SY	REMARKS
WINDSOR						
4	RTE. WW	RT	52+83.05	52+87.74	0.88	BETWEEN C&G AND SIDEWALK S/O INDUSTRIAL DR
				SUBTOTAL	0.88	
CLINTON						
30	RTE. 18	LT	18+86.17	18+91.30	1.01	CURB RAMP W/O 6TH ST
				SUBTOTAL	1.01	
				TOTAL	1.89	
				USE	1.9	

MODIFIED TYPE A GUTTER, STEEL PLATE, AND TUBULAR MARKERS

SHEET	STA.	STA.	LOCATION RT/LT	MODIFIED TYPE A GUTTER LF	STEEL PLATE SF	TUBULAR MARKER EACH	REMARKS
WINDSOR - ROUTE 52							
9	43+68.03	43+77.03	LT	9.0	18.0	2.0	BULB-OUT E OF COLT ST (NORTH SIDE OF RTE. 52)
9	43+68.03	43+77.03	RT	9.0	18.0	2.0	BULB-OUT E OF COLT ST (SOUTH SIDE OF RTE. 52)
			TOTAL	18.0	36.0	4.0	
			USE	18	36	4	

SUMMARY OF QUANTITIES
SHEET 2 OF 5

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
Cameron Sooy
2026.02.26 10:22:08-06'00'
PROFESSIONAL ENGINEER
02-26-2026 SHEET 07
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/10/2026

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DISTRICT	SHEET NO.
SW	3

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HENRY

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

EROSION CONTROL

STATION OR LOG MI	STATION OR LOG MI	ROUTE	SILT FENCE LOCATION	LENGTH	# OF DITCH CHECKS EACH STRUCTURE (EA)	SILT FENCE (LF)	ALTERNATE DITCH CHECK (LF)	CURB INLET CHECK (EA)	SEDIMENT REMOVAL (CY)	REMARKS
WINDSOR										
52+81.85	52+97.88	WW	LT	16.03	2	46.0	20		2.5	S/O INDUSTRIAL ST
665+31.08	666+19.11	2	LT	88.03	2	66.4	20		2.7	ROUTE WW/ROUTE 2
675+19.08	675+24.09	2	LT	5.01	1	30.0	10		1.3	FRANKLIN ST
43+37.93	43+84.94	52	LT	47.01		78.7			0.8	COLT ST
43+47.84	43+55.91	52	RT	8.07		11.1			0.1	COLT ST
48+16.18	48+21.18	52	LT	5.00		30.0			0.3	CENTER/PHELPS ST
60+97.20	61+05.15	52	LT	7.95		26.0			0.3	JEFFERSON ST
68+53.53	68+76.84	52	RT	23.31		46.6			0.5	INDIANA ST/ROUTE Y
					SUBTOTALS	334.8	50		8.5	
MONTROSE										
44.253	44.253	52	LT	0.00		16.0			0.2	
					SUBTOTALS	16.0			0.2	
CLINTON										
208+56.40	209+40.43	18	RT	84.03	1	61.5	10		1.6	W/O MCLANE ST
215+40.76	216+52.11	18	RT	111.35		22.0			0.2	PAVED APPROACHES E/O CARTER ST
8+58.83	8+78.72	18	RT	19.89		44.0		1	1.4	RTE 18/2ND ST SW QUAD
0+28.67	0+61.62	18	RT	32.95		61.5		1	1.6	RTE 18/2ND ST SE QUAD
3+63.68	3+83.69	18	RT	20.01		40.0			0.4	W/O 3RD ST
8+03.14	8+28.14	18	RT	25.00		46.0			0.5	W/O 5TH ST
8+41.82	8+51.82	18	RT	10.00		20.0			0.2	W/O 5TH ST
9+29.02	9+39.02	18	RT	10.00		20.0			0.2	W/O 5TH ST
13+96.36	14+21.36	18	RT	25.00		50.0			0.5	E/O 5TH ST
18+64.00	19+28.96	18	RT	64.96		25.0		1	1.3	6TH ST - PAVED APPROACH
19+70.89	20+79.82	18	RT	108.93		148.3		1	2.5	E/O 6TH ST
21+07.95	21+35.99	18	RT	28.04		56.1			0.6	E/O 6TH ST
23+81.63	23+96.63	18	RT	15.00		30.0			0.3	S/O 7TH ST
8+58.66	8+84.74	18	LT	26.08		44.4		1	1.4	RTE 18/2ND ST NW QUAD
0+29.01	0+56.13	18	LT	27.12		55.5		1	1.6	RTE 18/2ND ST NE QUAD
8+61.66	8+71.66	18	LT	10.00		20.0			0.2	E/O 3RD ST
16+27.29	16+72.59	18	LT	45.30		90.6			0.9	E/O 5TH ST
18+62.28	19+52.83	18	LT	90.55		75.9		1	1.8	N 6TH ST
					SUBTOTALS	910.8	10	7	17.2	
					TOTALS	1261.6	60	7	25.9	
					USE	1262	60	7	26	

RELOCATE EXISTING SIGNS

SHEET	STA. (EXIST. SIGN)	LOCATION	RELOCATED SIGNS EA	REMARKS
WINDSOR - ROUTE 52				
5	58+26.23	RTE. WW RT	1	RELOCATE STREET SIGN (WALLACE/NORTH) TO ACCOMMODATE NEW SIDEWALK
9	43+83.41	RTE. 52 RT	1	RELOCATE STOP SIGN AS NEEDED TO ACCOMMODATE NEW SIDEWALK
		SUBTOTAL	2	
CLINTON				
30	18+94.81	RTE. 18 LT	1	RELOCATE STOP SIGN NE AS NEEDED TO ACCOMMODATE NEW SIDEWALK
32	26+66.75	RTE. 18 LT	1	RELOCATE SPEED LIMIT (35 MPH) APPROX. 100' TO THE WEST
		SUBTOTAL	2	SEE SW JSP - RELOCATE EXISTING SIGN
		USE	4	

SUMMARY OF QUANTITIES
SHEET 3 OF 5

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26 10:22:08-06'00'
02/26/2026
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
HENRY

JOB NO.
JSR0338

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)

TRUNCATED DOMES, CURB RAMP, SIDEWALK, TYPE 1 AGGREGATE, ADA LINEAR GRADING, TURF TYPE TALL FESCUE SODDING, CURBS

SHEET	STATION OR LOG MI	STATION OR LOG MI	LOCATION	LT RT	TRUNC. DOMES	CURB RAMP				SIDEWALK					4" TYPE 1 AGGR.	ADA LINEAR GRADING	SOD	S-CURB		REMARKS
										S.W. WIDTH	* PAY WIDTH	4" SDWLK.	8" SDWLK.	INTEGRAL CURB				LESS/EQ 6" (1"-6")	OVER 6" (6"-12")	
					SF	LENGTH	WIDTH	TYPE	SY	LF	LF	SY	SY	* LF	SY	LF	SY	LF	LF	
WINDSOR																				
4	52+81.85	52+97.88	RTE. WW	LT	10.0					5	5	10.2	2.8		25.0	23.3	7.8		36.6	SIDEWALK E/O INDUSTRIAL DR
6	665+31.08	665+43.08	RTE. 2	LT	10.0					5	5	2.5	4.2		6.7	12.0	4.0			SIDEWALK W/O RTE.WW
6	665+93.00	666+13.84	RTE. 2	LT	10.0					5	5	4.6	3.7		8.3	20.9	7.0			SIDEWALK E/O RTE. WW
7	675+19.08	675+24.09	RTE. 2	LT	10.0					5	5	5.1	3.1		8.2	15.0	5.0			SIDEWALK E/O FRANKLIN ST
9	43+37.93	43+55.93	RTE. 52	LT		8	7		7.5	7	8	8.2			15.7	31.0	28.1			E. CURB RAMP E/O COLT ST (BY CHURCH)
9	43+52.62	43+50.93	RTE. 52	LT	10.0	8	5	1-B	10.2	5	5	20.3			30.5	20.0				BULB-OUT CURB RAMP E/O COLT ST (NORTH)
9	43+55.93	43+84.94	RTE. 52	LT	14.6	8	5	1-B	18.4	5	6	23.0			41.4	42.1	19.9	26.0		W CURB RAMP E/O COLT ST (NORTH) - QTY FOR EXTRA SOD
10	48+16.18	48+21.18	RTE. 52	LT	10.0	5	5	1-B	7.1	5	6	2.0			9.1	15.0	11.6			CURB RAMP W/O CENTER ST
12	60+97.20	61+05.15	RTE. 52	LT	10.0					5	5	7.2			7.2	13.0	4.4	4.3		SIDEWALK W/O JEFFERSON ST
4	52+79.90	53+03.40	RTE. WW	RT	20.0					5	5	3.6	5.9		9.5	14.0	4.8			SIDEWALK S/O INDUSTRIAL DR.
5	58+11.85	58+33.70	RTE. WW	RT	24.1					5	5	3.2	3.5		6.7	21.9	7.4			SIDEWALK N/O WALLACE AVE
9	43+37.83	43+55.91	RTE. 52	RT	0.0	8	5		5.4	5	6	5.7			11.1	31.1	14.9	5.0		EAST CURB RAMP E/O COLT ST (ADJACENT PARCEL 1A)
9	43+50.85	43+52.60	RTE. 52	RT	10.0	8	5	1-B	10.2	5	5	22.7			32.9	20.0				BULB-OUT CURB RAMP E/O COLT ST (SOUTH)
9	43+55.91	43+88.78	RTE. 52	RT	10.0	8	5	3-D	8.9	5	6	12.7			21.6	45.9	18.6	43.3		WEST CURB RAMP E/O COLT ST (SOUTH SIDE)
13	68+53.53	68+76.84	RTE. 52	RT	10.0					5	5	8.0			8.0	23.4	7.8			SIDEWALK E/O INDIANA ST/RTE. Y
															424.2	118.2				AGGR. AND LIN. GRAD. QTY FOR C&G + PAVED APPR.
				SUBTOTALS	158.7				67.7			139.0	23.2		666.1	466.8	141.3	78.6	36.6	
MONTROSE																				
17	44.252	44.253	RTE. 52	LT	10.4					5	5		4.5		4.5	8.0	2.8			SIDEWALK FOR SCHOOL CROSSING, NORTH SIDE
				SUBTOTALS	10.4								4.5		4.5	8.0	2.8			
CLINTON																				
20	209+25.03	209+40.43	RTE. 18	RT						4	4	6.2			6.2	31.0	5.2			SIDEWALK W/O MCLANE ST - INCL. QTY FOR EXTRA SOD
25	8+58.83	8+78.72	RTE. 18	RT	24.7	6	5	3-A	17.9	5	6	18.2		19.3	36.1	48.9	15.5			CURB RAMP SW QUAD RTE. 18/2ND ST INTERSECTION
25	0+28.67	0+61.62	RTE. 18	RT	30.0	10	5	3-A	29.5	5	6	11.5			41.0	61.1	18.6			CURB RAMP SE QUAD RTE. 18/2ND ST INTERSECTION
25	80+58.49	81+23.36	BUS. 13	RT						6	6	37.9			37.9	64.9	21.8			SIDEWALK SW BUS.13/2ND ST
25	80+75.05	81+80.14	BUS. 13	LT						5	5	61.5			61.5	105.1	35.2			SIDEWALK SE BUS.13/2ND ST
26	3+63.68	3+83.69	RTE. 18	RT						4	4	8.8			8.8	20.1	6.8			SIDEWALK W/O 3RD ST
27	8+03.14	8+28.14	RTE. 18	RT						4	4	11.2			11.2	25.0	8.4			SIDEWALK E/O 3RD ST, W/O 5TH ST; W/O DRIVEWAY
27	8+41.82	8+51.82	RTE. 18	RT						4	4	4.4			4.4	10.0	3.4			SIDEWALK E/O 3RD ST, E/O 5TH ST; E/O DRIVEWAY
27	9+29.06	9+39.02	RTE. 18	RT						4	4	4.6			4.6	10.0	3.4			SIDEWALK E/O 3RD ST, W/O 5TH ST
28	13+96.36	14+21.36	RTE. 18	RT						4	4	11.1			11.1	25.0	8.4			SIDEWALK E/O 5TH ST
30	19+70.89	20+79.82	RTE. 18	RT						4	4	48.4			48.4	109.0	16.4			SIDEWALK E/O 6TH ST
30-31	21+07.95	21+35.99	RTE. 18	RT						4	4	12.4			12.4	28.1	9.4			SIDEWALK E/O 6TH ST
31	23+81.63	23+96.63	RTE. 18	RT						4	4	6.4			6.4	15.0	5.0			SIDEWALK S/O 7TH ST
25	8+58.66	8+84.74	RTE. 18	LT	30.5	10	5	3-A	20.6	5	6	17.8		20.3	38.4	52.4	12.0			CURB RAMP NW QUAD RTE. 18/2ND ST INTERSECTION
25	0+29.01	0+56.13	RTE. 18	LT	26.9	10	4	3-A	22.3	4	5	17.0		7.5	39.3	59.4	13.2			CURB RAMP NE QUAD RTE. 18/2ND ST INTERSECTION
27	8+61.66	8+71.66	RTE. 18	LT						4	4	4.4			4.4	10.0	3.4			SIDEWALK W/O 5TH ST
29	16+27.29	16+72.59	RTE. 18	LT						4	4	18.9			18.9	45.3	15.2			SIDEWALK W/O 6TH ST
30	18+62.28	19+28.96	RTE. 18	LT	26.0	8	5	3-D	16.2	5	6	5.6			21.8	79.7	27.8			CURB RAMP W/O 6TH ST
30	19+26.84	19+52.83	RTE. 18	LT	10.0	8	5	1-A	7.9	5	6	5.2			13.1	39.0	18.0			CURB RAMP E/O 6TH ST
															381.1	295.5				AGGR. AND LIN. GRAD. QTY FOR C&G + PAVED APPR.
				SUBTOTALS	148.1				114.4			311.5			807.0	1134.5	247.1			
				TOTALS	317.1	--	--	--	182.1	--	--	450.5	27.7	*	1477.6	1609.3	391.2	78.6	36.6	
				USE	318	--	--	--	182.1	--	--	450.5	27.7	*	1478	1610	392	79	37	

QTY IS INCLUDED IN 8" SW FOR PINNED-ON ISLANDS, IF NEED PVMNT REPAIR UNDERNEATH.

SOD IS ESTIMATED AT 2.25' FOR CURB RAMP AREAS AND AT 1.5' FOR LONG SIDEWALK RUNS.

* PAY WIDTH INCLUDES INTEGRAL CURB CONC. WIDTH/HEIGHT. SEE TYPICAL SHEET 1 FOR ALL PAY ITEM LIMITS.

SUMMARY OF QUANTITIES
SHEET 4 OF 5

STATE OF MISSOURI
CAMERON SOOY
NUMBER
2021019715
Cameron Sooy
2026.02.26
10:22:08-06'00'
PROFESSIONAL ENGINEER
02-26-2026 10:22:08
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/10/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
HENRY

JOB NO.
JSR0338

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)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00	4	64.00				SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	7	112.00				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	5	80.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	2	32.00				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	2	32.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	4	24.00				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	8	96.00				SPEED LIMIT (2-35 & 2-40)
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00	2	24.00				KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	10	20.00				SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL 500	
616-10.10 RELOCATED SIGNS		TOTAL

EFFECTIVE: 07-01-2025

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	171	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030		TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	9	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6169902	10	ADA COMPLIANT MOVEABLE BARRICADES

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy 2026.02.26 10:22:08-06'00'
02-26-2026 10:22:08
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
HENRY

JOB NO.
JSR0338

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)

SUMMARY OF QUANTITIES

SHEET 5 OF 5

SW^{4}SW^{4}36
T44N R24W

SCALE
0 10 20 30

EXIST. CITY R/W

INDUSTRIAL DR

¼-¼SECTION LINE

EXIST. R/W

℄ ROUTE WW
S00°46'32"W

BEGIN PROJECT
℄ ROUTE WW
STA. 47+89.00

SE^{4}SW^{4}36
T44N R24W

STA. 52+95

W11-2

W16-7P

2A

STA. 52+93.11
MIDBLOCK CROSSWALK

NEW SIDEWALK
(5' WIDE WITH 5'
TRANSITION TO
EXIST. WIDTH)
AND ADA
LINEAR GRADING
23'

STA. 52+76.98

STA. 52+79.90

NEW SIDEWALK
5' WIDE

CURB AND GUTTER
TYPE B
AND ADA
LINEAR GRADING

STA. 52+92.79

STA. 53+03.40

(DND)

(UIP)

TEMP. CONST.
ESM'T

18'

NEW MODIFIED
S-CURB (> 6")
LT. AND RT.

STA. 47+89

W11-2

AHEAD

W16-9P

①

495'

SECTION LINE

STA. 52+84

W11-2

W16-7P

②

LARSEN, ALLAN P.
NO TAKING

NW^{4}NW^{4}1
T43N R24W

+17.60
29.97' RT.

+19.00
35.00' LT.

NE^{4}NW^{4}1
T43N R24W

LEGEND

- 4" SIDEWALK
- 4" SIDEWALK
- 4" MEDIAN STRIP (RAISED ISLAND)

① WINDSOR REORGANIZED SCHOOL

35.50 ACRES EXIST.
160 SF TEMP. ESM'T (CONST.)
35.50 ACRES REMAINING

TEMPORARY EASEMENT (CONSTRUCTION)		
1	52+81.85	34.80' LT.
2	52+81.85	44.80' LT.
3	52+97.88	44.80' LT.
4	52+97.88	34.80' LT.

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

SIGN PLACEMENTS ARE APPROXIMATE. SEE STANDARD PLAN 903.03BS AND THE ENGINEERING POLICY GUIDE 642.8.2.

MIDBLOCKS SHOULD BE PLACED IN THE CENTER OF LANES AND AT LANE LINES TO REMAIN OUT OF THE WHEEL PATH. SEE STANDARD PLANS 620.00N FOR SPACING REQUIREMENTS.

MIDBLOCK SPACING DOES NOT HAVE TO BE EQUAL THROUGHOUT THE CROSSWALK RUN. SPACING CAN VARY TO ELIMINATE MIDBLOCKS BEING IN THE WHEEL PATH. MIDBLOCKS SHOULD EXTEND FROM CURB TO CURB AND CAN BE PLACED IN THE GUTTER. HALF BLOCKS MAY BE USED AT CURBS WHERE FULL BLOCKS WILL NOT FIT.

THE APPROXIMATE LOCATION OF PROPERTY LINES 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

ALL BEARINGS BASED ON STATE PLANE BEARINGS WESTERN ZONE

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.

PLAN SHEET
1 OF 31
ROUTE WW
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER
2021019715
Cameron Sooy
2026.03.11
09:52:27-05'00'
PROFESSIONAL ENGINEER
03-11-26 09:52
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
3/11/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
HENRY

JOB NO.
JSR0338

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

SCALE
0 10 20 30

EXIST. R/W
¼-¼SECTION LINE
℄ ROUTE WW
EXIST. R/W

STA. 58+19
W11-2
W16-7P
3

STA. 58+11.85
CURB AND GUTTER TYPE B AND ADA LINEAR GRADING
EXIST. CITY R/W
NEW SIDEWALK 4.5' WIDE
STA. 58+23.91
STA. 58+31.16
STA. 58+33.70
STA. 58+26.23
REMOVE & RESET STREET SIGN
WALLACE AVE
EXIST. CITY R/W

STA. 58+25.70
MIDBLOCK CROSSWALK
END PROJECT
℄ ROUTE WW
STA. 58+33.70

STA. 58+31
W11-2
W16-7P
3A

100'
SPACING MAY BE GREATER DUE TO VARYING FIELD CONDITIONS, BUT NO LESS THAN 100'

STA. 59+31
W11-2
AHEAD
W16-9P
3B

EXIST. R/W
℄ ROUTE WW
¼-¼SECTION LINE
EXIST. R/W

PLAN SHEET
2 OF 31
ROUTE WW
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER -2021019715
Cameron Sooy
2026.03.11
09:52:27-05'00'
03-11-2026 09:52:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
3/11/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
HENRY

JOB NO.
JSR0338

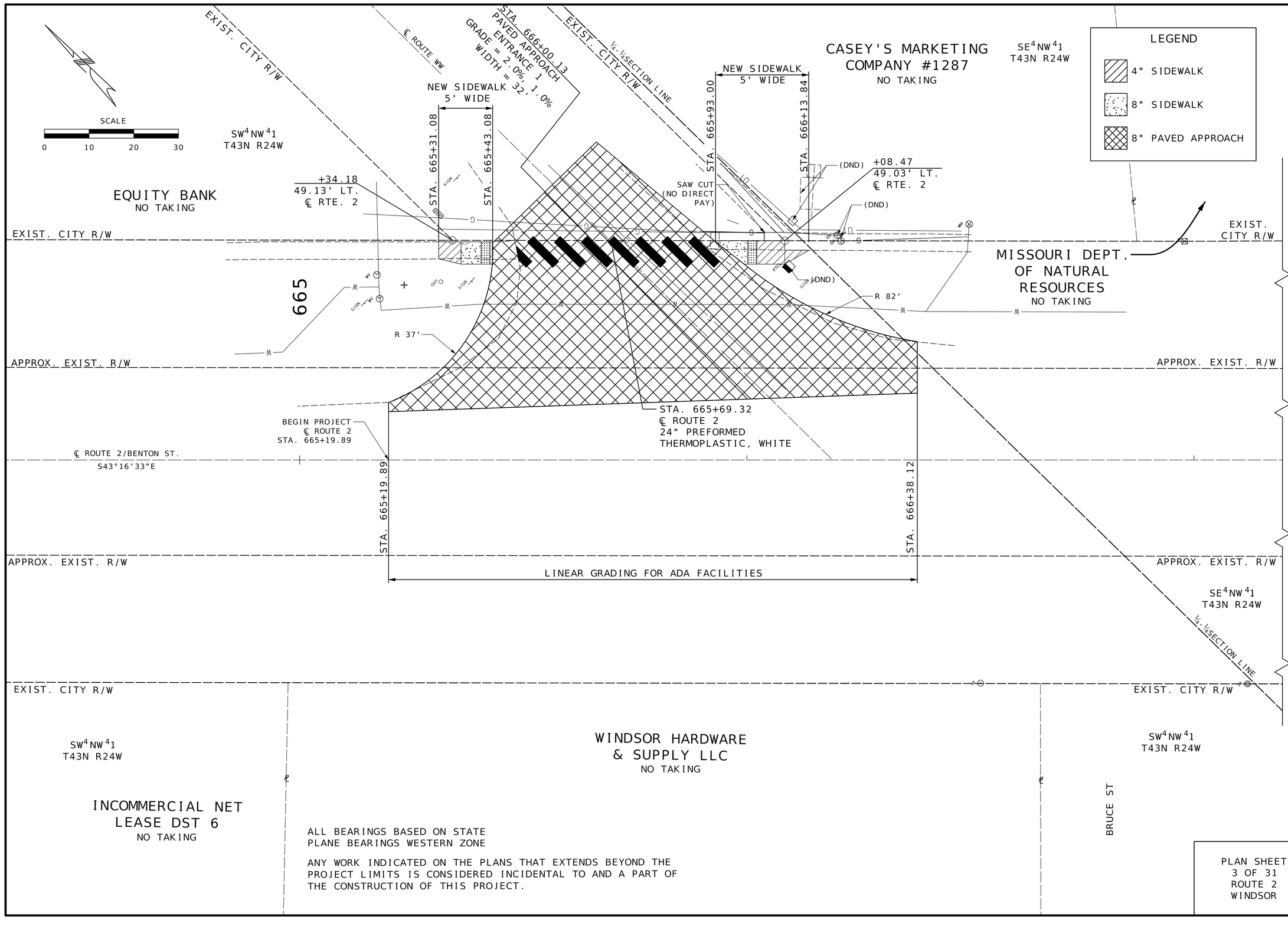
CONTRACT ID.

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)



ALL BEARINGS BASED ON STATE PLANE BEARINGS WESTERN ZONE

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

PLAN SHEET
3 OF 31
ROUTE 2
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:08-06'00'
02-26-2026 10:22:08
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
HENRY

JOB NO.
JSR0338

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)

SCALE
0 10 20 30

NE^{4}SW^{4}1
T43N R24W

RYTHER, LARRY G
& MARLENE E
NO TAKING

EXIST. CITY R/W

FRANKLIN ST

EXIST. CITY R/W

NE^{4}SW^{4}1
T43N R24W

INDEPENDENT ORDER
OF ODD FELLOWS
NO TAKING

LEGEND
4" SIDEWALK
8" SIDEWALK

EXIST. CITY R/W

MAYFIELD, WILLIAM
NO TAKING

+59.80
51.17' LT.

+19.81
51.09' LT.

STA. 675+23.75 TO
STA. 675+27.80
4' EXTENSION OF
15" GROUP B PIPE
ADD 1-15" F.E.S.

EXIST. CITY R/W

(DND)

675

(DND)

NEW SIDEWALK (5' WIDE)
15' LINEAR GRADING
FOR ADA FACILITIES

ROCK
LINING

PIPE COLLAR
TYPE A

APPROX. EXIST. R/W

APPROX. EXIST. R/W

STA. 675+19.08

STA. 675+24.09

WINDSOR HISTORICAL SOCIETY
NO TAKING

END PROJECT
℄ ROUTE 2
STA. 675+33.80

STA. 673+42.10

℄ ROUTE 2/BENTON ST.
S43°16'33"E

STA. 676+18.87

APPROX. EXIST. R/W

APPROX. EXIST. R/W

EXIST. CITY R/W

EXIST. CITY R/W

VAN KLEECK, PAYTON
NO TAKING

NE^{4}SW^{4}1
T43N R24W

FRANKLIN ST

NE^{4}SW^{4}1
T43N R24W

FIRST CHRISTIAN
CHURCH OF WINDSOR
NO TAKING

PLAN SHEET
4 OF 31
ROUTE 2
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
Cameron Sooy
2026.02.26
10:22:08-06'00'
PROFESSIONAL ENGINEER
02-26-2026 10:22:08
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
HENRY

JOB NO.
JSR0338

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)

SCALE
0 10 20 30

NE^4 SW^4 1
T43N R24W

ROBERTS,
RICHARD L
& CATHERINE L
NO TAKING

EXIST. CITY R/W

UNITED STATES
POST OFFICE
NO TAKING

EXIST. CITY R/W

HEANY LAW
LLC
NO TAKING

STOCKING,
DOREEN M
NO TAKING

TEMPLETON,
TAMMY J
NO TAKING

BURTCHETT,
ROBIN
NO TAKING

NE^4 SW^4 1
T43N R24W

EXIST.
CITY R/W

+69.58
54.42' RT.

+69.12
53.74' RT.

STA. 36+17.93
24" PREFORMED
THERMOPLASTIC, WHITE
(R) EXIST. 6" WHITE
CROSSWALK

35

EXIST. R/W

EXIST. R/W

STA. 35+74.76
24" PREFORMED
THERMOPLASTIC, WHITE
(R) EXIST. 6" WHITE
CROSSWALK

STA. 36+56.47
24" PREFORMED
THERMOPLASTIC, WHITE
(R) EXIST. 6" WHITE
CROSSWALK

℄ ROUTE 52/MAIN ST
S47°07'12"W

BEGIN PROJECT
℄ ROUTE 52
STA. 35+74.76

+07.91
9.84' LT.
℄ RTE. 52

+31.81
9.68' LT.
℄ RTE. 52

EXIST. R/W

EXIST. R/W

STA. 36+18.56
24" PREFORMED
THERMOPLASTIC,WHITE
(R) EXIST. 6" WHITE
CROSSWALK

ALL BEARINGS BASED ON STATE
PLANE BEARINGS WESTERN ZONE

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

NE^4 SW^4 1
T43N R24W

EXIST.
CITY R/W

+70.35
45.65' LT.

EXIST. CITY R/W

+68.89
45.30' LT.

+31.69
50.00' LT.
℄ RTE. 2

+31.71
12.50' LT.
℄ RTE. 2

+31.73
11.50' RT.
℄ RTE. 2

+31.75
49.00' RT.
℄ RTE. 2

29TH &
BROOKLYN
PROPERTIES
LLC
NO TAKING

WINDSOR
FURNITURE
CO., INC.
NO TAKING

MOSER,
MARK D
& AMY N
NO TAKING

FREEDOM
EQUITY
LLC
NO TAKING

EXIST.
CITY R/W

BENTON ST/ROUTE 2

EXIST. R/W

EXIST. R/W

EXIST. CITY R/W

JEWELL
ENTERPRISES, LLC
NO TAKING

PICKLED POSSUM, LLC
NO TAKING

NE^4 SW^4 1
T43N R24W

HENRY CO. LIBRARY
BUILDING CORP, INC
NO TAKING

STA. 681+09.34

STA. 37+67.07

PLAN SHEET
5 OF 31
ROUTE 52
WINDSOR

STATE OF MISSOURI
CAMERON
SOOY
NUMBER
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:09-06'00'

02-26-2026 JSR0338
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
HENRY

JOB NO.
JSR0338

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)

SCALE
0 10 20 30

1A
LANDSBERG, DOUG
RELOCATE SIGN

BEEM, LEE ANN
NO TAKING

EXIST. CITY R/W

NE^{4}SW^{4}1
T43N R24W

¼-¼SECTION LINE

LINEAR GRADING
FOR ADA FACILITIES

S-CURB (≤ 6") | NEW CURB RAMP | SIDEWALK 5' WIDE AND S-CURB (≤ 6") | NEW CURB RAMP TYPE 1-B

STA. 43+37.83
STA. 43+42.84
STA. 43+47.84
STA. 43+55.91
STA. 43+70.07
STA. 43+88.78

EXIST. CITY R/W

COLT ST

(DND) EXIST. DRIVEWAY

+78.97
51.53' RT.

STA. 43+65

W11-2

W16-7P

⑥

REMOVE AND REPLACE EXIST. SIGN FACE

SIGN TO BE MOVED BY OTHERS

(DND)

STA. 43+50.85

UT

20' LINEAR GRADING FOR ADA FACILITIES

STA. 43+55.92

NEW CURB RAMP MODIFIED TYPE 1-B

STA. 43+52.60

24' S-CURB (≤ 6")

TUBULAR MARKERS

2.5'

10% MAX FLARE

EXIST. CITY R/W

+34.96
41.36' RT.

SE^{4}SW^{4}1
T43N R24W

45

+34.94
20.58' RT.

EXIST. R/W

+34.94
14.73' RT.

WINDSOR PROPERTY RA, LLC
NO TAKING

LEGEND
- (L) LANDING
- (T) TRANSITION
- (R) RAMP
- 4" SIDEWALK
- SOD
- MODIFIED TYPE A GUTTER WITH STEEL PLATE

24" PREFORMED THERMOPLASTIC, WHITE
STA. 43+55.56

℄ ROUTE 52/MAIN ST
S46°32'12"W

STA. 42+23.02

STA. 45+01.50

EXIST. R/W

STA. 43+52.62 2.5'

10% MAX FLARE

TUBULAR MARKERS

NEW CURB RAMP MODIFIED TYPE 1-B

20' LINEAR GRADING FOR ADA FACILITIES

STA. 43+55.97

STA. 43+50.93

26' S-CURB (≤6")

(DND) SIGN & POLE

COLT ST

+35.72
12.30' LT.

+35.86
17.30' LT.

+35.90
38.46' LT.

EXIST. R/W

EXIST. CITY R/W

NE^{4}SW^{4}1
T43N R24W

STA. 42+53

STA. 43+53

SPACING MAY BE GREATER DUE TO VARYING FIELD CONDITIONS, BUT NO LESS THAN 100'

100'

W11-2

AHEAD

W16-9P

④

W11-2

W16-7P

⑤

STA. 43+88.11

+79.94
47.24' LT.

NEW CURB RAMP MODIFIED TYPE 3-B

STA. 43+88.28

(DND)

STA. 43+84.94

END LINEAR GRADING FOR ADA FACILITIES

EXIST. CITY R/W

STA. 43+37.93
BEGIN LINEAR GRADING FOR ADA FACILITIES

STA. 43+47.93

STA. 43+55.93

STA. 43+73.77

CURB RAMP | SIDEWALK 7' WIDE

WINDSOR METHODIST CHURCH
NO TAKING

EXIST. CITY R/W

¼-¼SECTION LINE

EXIST. CITY R/W

29TH & BROOKLYN PROPERTIES LLC
NO TAKING

PLAN SHEET
6 OF 31
ROUTE 52
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy 2026.02.26 10:22:09-06'00'
02-26-2026 SHEET 09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
HENRY

JOB NO.
JSR0338

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)

SCALE
0 10 20 30

LEGEND
T TRANSITION
R RAMP
4" SIDEWALK

SE^4 SW^4 1
T43N R24W

KNIGHT, MARK & SANDRA
NO TAKING

EXIST. CITY R/W

+65.48
39.76' RT.

EXIST. CITY R/W

PHELPS ST

EXIST. CITY R/W

+21.47
39.50' RT.

EXIST. CITY R/W

SE^4 SW^4 1
T43N R24W

① WINDSOR REORGANIZED SCHOOL
TEMP. ESM'T
SEE SHEET 4

STA. 48+24

W11-2

W16-7P
⑨

STA. 48+16.18 TO
STA. 48+21.18
15 LF SIDEWALK MANICURE -
EXIST. CURB RAMP

EXIST. R/W
EOS
EOP
℄ ROUTE 52/MAIN ST
S46°32'12"W

STA. 46+12.01

STA. 48+15.25
24" PREFORMED
THERMOPLASTIC, WHITE
(R) EXIST. 6" WHITE
CROSSWALK

STA. 48+27.72
REMOVE STOP BAR

STA. 48+90.25

STA. 47+66.14
REMOVE STOP BAR

STA. 48+16.18

STA. 48+21.18

EXIST. R/W
EOS
EOP

EXIST. R/W
EOS
EOP

NEW CURB RAMP
TYPE 1-B

15' LINEAR GRADING
FOR ADA FACILITIES

REPLACE IN
EXIST. LOCATION

+65.90
36.64' LT.

EXIST. CITY R/W

+21.89
37.80' LT.

EXIST. CITY R/W

LANNAN,
ROBERT J JR
& JULIE D
NO TAKING

MASCHKE, SARA M
NO TAKING

STA. 46+37

S1-1

AHEAD

W16-9P
⑦

CRAWFORD, IRENE (TRUST)
NO TAKING

W11-2

STA. 48+15

W16-7P
⑧

CENTER ST

BANNING, DEBBIE
NO TAKING

SE^4 SW^4 1
T43N R24W

SE^4 SW^4 1
T43N R24W

EXIST. CITY R/W

EXIST. CITY R/W

PLAN SHEET
7 OF 31
ROUTE 52
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:09-06'00'
02-26-2026 10:22:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
HENRY

JOB NO.
JSR0338

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)

SCALE
0 10 20 30

① WINDSOR REORGANIZED SCHOOL
TEMP. ESM'T
SEE SHEET 4

SE¼SW¼1
T43N R24W

¼-¼SECTION LINE

STA. 52+06

S1-1

W16-7P

11

SW¼SW¼1
T43N R24W

+94.91
50.82' RT.

APPROX. CITY R/W

APPROX. CITY R/W

+85.64
41.20' RT.

(UIP)
EXIST. POST

EXIST. R/W

EXIST. R/W

STA. 50+39.70

STA. 53+20.92

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 51+52.49
(R) EXIST. 6" WHITE
CROSSWALK

STA. 52+15.88
REMOVE STOP BAR

℄ ROUTE 52/MAIN ST
S46°32'12"W

STA. 51+45.55
REMOVE STOP BAR

EXIST. R/W

EXIST. R/W

(UIP)
EXIST. POST

APPROX.
CITY R/W

+52.30
30.09' LT.

+02.32
48.18' LT.

APPROX. CITY R/W

STA. 51+50

S1-1

W16-7P

10

JETER, COLT
NO TAKING

GRANT ST

EVANS DQ, LLC
NO TAKING

NICHOLAS
SUPERMARKETS, INC
NO TAKING

SE¼SW¼1
T43N R24W

¼-¼SECTION LINE

HOUGHAM, SONJA BURTON
NO TAKING

APPROX. CITY R/W

APPROX. CITY R/W

SW¼SW¼1
T43N R24W

PLAN SHEET
8 OF 31
ROUTE 52
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:09-06'00'

02-26-2026 10:22:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
HENRY

JOB NO.
JSR0338

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)

APPROX. CITY R/W

SCALE

0 10 20 30

WASHINGTON ST

APPROX. CITY R/W

SW4 SW4 1
T43N R24W

KINNER, MALLORY J
NO TAKING

STA. 56+90

S1-1

AHEAD

W16-9P

12

SW4 SW4 1
T43N R24W

TARASOV, TIMOFEY
NO TAKING

+96.50
46.38' RT.

APPROX. CITY R/W

+48.77
49.56' RT.

APPROX. CITY R/W

EXIST. R/W

EXIST. R/W

REPLACE IN
EXIST. LOCATION

STA. 55+47.40

STA. 58+27.76

℄ ROUTE 52/MAIN ST

S47°09'20"W

EXIST. R/W

EXIST. R/W

SW4 SW4 1
T43N R24W

SW4 SW4 1
T43N R24W

+45.32
49.11' LT.

+97.21
52.38' LT.

APPROX. CITY R/W

APPROX. CITY R/W

APPROX. CITY R/W

WASHINGTON ST

APPROX. CITY R/W

MILLINGTON,
BRIAN K. & CHOM S.
NO TAKING

ROXCO PROPERTIES, LLC
NO TAKING

HARRIS, CHEYENNE
NO TAKING

PLAN SHEET
9 OF 31
ROUTE 52
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
Cameron Sooy
2026.02.26
10:22:09-06'00'
PROFESSIONAL ENGINEER

02-26-2026 10:22:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
HENRY

JOB NO.
JSR0338

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)

SCALE
0 10 20 30

LEGEND
4" SIDEWALK

EXIST. CITY R/W

JEFFERSON ST

DUNKIN, DEBORAH D
& GERKE, RENEE D
NO TAKING

+56.53
49.23' RT.

SW¼ SW¼ 1
T43N R24W

60

STA. 59+51.79

EXIST. R/W

+61.61
28.63' RT.

℄ ROUTE 52/MAIN ST
S47°09'20"W

EXIST. R/W

+56.93
9.51' LT.

+57.08
50.07' LT.

EXIST. CITY R/W

MEDLOCK, CLAUDALE
& TAMMY (GOLDEN)
NO TAKING

SW¼ SW¼ 1
T43N R24W

W11-2

W16-7P

13

STA. 60+97

EXIST. CITY R/W

JEFFERSON ST

EXIST. CITY R/W

SECTION LINE

100'

SPACING MAY BE GREATER
DUE TO VARYING FIELD CONDITIONS,
BUT NO LESS THAN 100'

W11-2

W16-7P

+12.62
49.58' RT.

EXIST. CITY R/W

CLUBINE, STEPHEN E.
& JOAN F.
NO TAKING

W11-2

AHEAD

W16-9P

14

STA. 61+07

15

NW¼ NW¼ 12
T43N R24W

STA. 62+08

EXIST. R/W

+05.25
13.76' RT.

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 60+99.60

+04.09
14.61' LT.

(DND)

LINEAR GRADING
FOR ADA FACILITIES
13'

SAW CUT
(NO DIRECT PAY)

EXIST. R/W

STA. 62+31.68

STA. 60+97.20

STA. 61+00.15

STA. 61+05.15

+02.70
49.85' LT.

EXIST. CITY R/W

NEW S-CURB
6" OR LESS

NEW SIDEWALK
(5' WIDE)

ASH, RACHAEL ELIZABETH
NO TAKING

SW¼ SW¼ 1
T43N R24W

PLAN SHEET
10 OF 31
ROUTE 52
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:09-06'00'
02-26-2026 10:22:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE VAR | STATE MO
DISTRICT SW | SHEET NO. 13
COUNTY HENRY
JOB NO. JSR0338
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)

SCALE
0 10 20 30

NW^{4}NW^{4}12
T43N R24W

EXIST. CITY R/W

INDIANA ST/ROUTE Y

EXIST. CITY R/W

HUGHES, LOUIS DEAN
& CONNIE
NO TAKING

LEGEND
4" SIDEWALK
8" SIDEWALK

SECTION LINE

NE^{4}NE^{4}11
T43N R24W

ANDERS, TERRY
& TRUDY
NO TAKING

NEW SIDEWALK
(5' WIDE WITH TRANSITIONS)
AND LINEAR GRADING
FOR ADA FACILITIES

+64.70
43.10' LT.

STA. 68+53.53

STA. 68+76.84

+76.20
39.19' RT.

+19.59
57.35' RT.

+03.94
65.22' RT.

EXIST. CITY R/W

+08.62
48.63' RT.

EXIST. R/W

+50.07
60.18' RT.

EXIST. CITY R/W

(DND)

+64.99
37.70' RT.

+73.94
33.42' RT.

WALL ST

EXIST. R/W

+62.16
21.64' RT

STA. 67+83.54

℄ ROUTE 52/MAIN ST
S55°05'20"W

END PROJECT
℄ ROUTE 52
STA. 68+76.84

70

EXIST. R/W

+50.41
12.68' LT.

APPROX. CITY R/W

+50.75
23.73' LT.

COLE DG
WINDSOR MO, LLC
NO TAKING

NW^{4}NW^{4}12
T43N R24W

NE^{4}NE^{4}11
T43N R24W

SECTION LINE

PLAN SHEET
11 OF 31
ROUTE 52
WINDSOR

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:09-06'00'

02-26-2026 10:22:09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
HENRY

JOB NO.
JSR0338

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)

LOG MILE 44.032

SCALE
0 10 20 30

NE^{4}NE^{4}23
T40N R28W

APPROX. EXIST. R/W

SECTION LINE

APPROX. EXIST. R/W

1260' TO SCHOOL CROSSING

NW^{4}NW^{4}24
T40N R28W

R & M PROPERTIES, LLC
NO TAKING

BEGIN PROJECT
℄ ROUTE 52
LOG MILE 44.014

L.M. 44.0130

S1-1

AHEAD

W16-9P

16

R & M MEREDITH PROPERTIES, LLC
NO TAKING

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ALL BEARINGS BASED ON STATE PLANE BEARINGS WESTERN ZONE

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℄

RYBERG, MARTIN A
NO TAKING

NE^{4}NE^{4}23
T40N R28W

APPROX. EXIST. R/W

SECTION LINE

℄ ROUTE 52 (APPROX.)
N01°30'23"E

APPROX. EXIST. R/W

NW^{4}NW^{4}24
T40N R28W

PLAN SHEET
12 OF 31
ROUTE 52
MONTROSE

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:16-06'00'
02-26-2026 SHEET 09
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
HENRY

JOB NO.
JSR0338

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)

SW^{4}SW^{4}13
T40N R28W

SCALE
0 10 20 30

MTA AUTO, LLC
NO TAKING

SW^{4}SW^{4}13
T40N R28W

APPROX. EXIST. R/W

HEARTING, RICK & LINDA
NO TAKING

APPROX. EXIST. R/W

℄ ROUTE K (APPROX.)
S88°22'06"E

SECTION LINE

SECTION LINE

L.M. 44.0964

830' TO SCHOOL
CROSSING

S1-1

AHEAD

W16-9P

17

LOG MILE 44.119

APPROX. EXIST. R/W

R & M MEREDITH
PROPERTIES, LLC
NO TAKING

NW^{4}NW^{4}24
T40N R28W

LOG MILE 44.086

℄ ROUTE 52 (APPROX.)

APPROX. EXIST. R/W

NW^{4}NW^{4}24
T40N R28W

R & M MEREDITH
PROPERTIES, LLC
NO TAKING

PLAN SHEET
13 OF 31
ROUTE 52
MONTROSE

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
Cameron Sooy
2026.02.26
10:22:16-06'00'
PROFESSIONAL ENGINEER

02-26-2026 10:22:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
HENRY

JOB NO.
JSR0338

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)

SW^{4}SW^{4}13
T40N R28W

SCALE
0 10 20 30

MONTROSE BAPTIST
MISSION INC.
NO TAKING

L.M. 44.2534

S1-1

W16-7P

19

SW^{4}SW^{4}13
T40N R28W

LEGEND
8" SIDEWALK

CROWDER, WILLIE
& JANETTE
NO TAKING

HARRIS, FRANKIE N (ETAL)
NO TAKING

APPROX. EXIST. R/W

8' NEW SIDEWALK
(5' WIDE)
AND LINEAR
GRADING FOR
ADA FACILITIES

APPROX. EXIST. R/W

RAISE EXISTING SIDEWALK GRADE
TO MATCH GRADE OF ROADWAY

℄ ROUTE 52 (APPROX.)
S88°22'06"E

24" PREFORMED
THERMOPLASTIC, WHITE
LOG MILE 44.253

LOG MILE 44.226

SECTION LINE

SECTION LINE

LOG MILE 44.279

APPROX. EXIST. R/W

APPROX. EXIST. R/W

L.M. 44.2511

S1-1

W16-7P

18

MONTROSE R-XIV SCHOOL
NO TAKING

NW^{4}NW^{4}24
T40N R28W

NW^{4}NW^{4}24
T40N R28W

PLAN SHEET
14 OF 31
ROUTE 52
MONTROSE

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:16-06'00'

02-26-2026 10:22:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
HENRY

JOB NO.
JSR0338

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)

SCALE

0 10 20 30

SE^{4}SW^{4}13
T40N R28W

SE^{4}SW^{4}13
T40N R28W

MCHENRY, JAMES BRIAN
NO TAKING

S1-1

625' FROM SCHOOL
CROSSING

L.M. 44.3713
REMOVE EXIST. SIGN

SIGN

APPROX. EXIST. R/W

APPROX. EXIST. R/W

LOG MILE 44.357

℄ ROUTE 52 (APPROX.)
S88°22'06"E

SECTION LINE

SECTION LINE

APPROX. EXIST. R/W

APPROX. EXIST. R/W

NE^{4}NW^{4}24
T40N R28W

MITCHELL, JOHN W.
& OLIVE A. (TRUST)
NO TAKING

NE^{4}NW^{4}24
T40N R28W

PLAN SHEET
15 OF 31
ROUTE 52
MONTROSE

STATE OF MISSOURI
CAMERON SOOY
NUMBER
2021019715
PROFESSIONAL ENGINEER

Cameron Sooy
2026.02.26
10:22:16-06'00'

02-26-2026 10:44:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
HENRY

JOB NO.
JSR0338

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)

SE^{4}SW^{4}13
T40N R28W

MCHENRY, JAMES BRIAN
NO TAKING

SE^{4}SW^{4}13
T40N R28W

SCALE
0 10 20 30

225'

L.M. 44.4599

S1-1

AHEAD

W16-9P

20

(UIP)
SCHOOL ZONE
FLASHER

SIGN

APPROX. EXIST. R/W

APPROX. EXIST. R/W

℄ ROUTE 52 (APPROX.)
S88°22'06"E

END PROJECT
℄ ROUTE 52
LOG MILE 44.460

SECTION LINE

SECTION LINE

APPROX. EXIST. R/W

APPROX. EXIST. R/W

MITCHELL, JOHN W.
& OLIVE A. (TRUST)
NO TAKING

NE^{4}NW^{4}24
T40N R28W

NE^{4}NW^{4}24
T40N R28W

PLAN SHEET
16 OF 31
ROUTE 52
MONTROSE

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:16-06'00'

02-26-2026 10:22:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
HENRY

JOB NO.
JSR0338

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

SE^{4}SW^{4}3
T41N R26W

SCALE
0 10 20 30

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ALL BEARINGS BASED ON STATE PLANE BEARINGS WESTERN ZONE

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HICKS, JOSEPH
& TERRY, KAYLA
NO TAKING

LADD, ISABELLA
NO TAKING

¼ SECTION LINE

SW^{4}SE^{4}3
T41N R26W

CEM - OAK GROVE
CEMETERY
NO TAKING

LEGEND
- 8" PAVED APPROACH
- 4" SIDEWALK
- SOD

APRROX. EXIST. R/W

MCLANE ST

210

APRROX. EXIST. R/W

BEGIN PROJECT
℄ ROUTE 18
STA. 208+50.16

LINEAR GRADING
FOR ADA FACILITIES

℄ ROUTE 18/OHIO ST

STA. 208+50.16

STA. 208+91.87

SECTION LINE

R 7'

R 13'

(UIP)

REMOVE EXIST.
SIDEWALK
SOD AREA

STA. 209+90.00
CULVERT CLEANOUT

S80°02'09"E

SECTION LINE

STA. 210+93.99

+99.20
35.00' RT.

+80.50
35.00' RT.

SIGN

EXIST. R/W

STA. 208+74.39
PAVED APPROACH
ENTRANCE 2
GRADE = -13.0%, -1.00
WIDTH = 20'

STA. 208+85.24

STA. 209+25.03

STA. 209+40.43

REPLACE SIDEWALK
(MATCH EXIST. WIDTH 4')
AND LINEAR GRADING
FOR ADA FACILITIES

STA. 209+86.38

SIDEWALK MANICURE

EXIST. R/W

+80.50
50.00' RT.

MCLANE ST

RITTER,
DAVID & STACEY
NO TAKING

NE^{4}NW^{4}10
T41N R26W

ZUMWALT, JAMES W (TRUST)
NO TAKING

FORGED BY CHRIST
MINISTIES, LLC
NO TAKING

NW^{4}NE^{4}10
T41N R26W

¼ SECTION LINE

PLAN SHEET
17 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:16-06'00'

02-26-2026 10:22:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
HENRY

JOB NO.
JSR0338

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)

SCALE
0 10 20 30

SW^{4}SE^{4}3
T41N R26W

SW^{4}SE^{4}3
T41N R26W

LEGEND
8" PAVED APPROACH

MANSFIELD, WANDA
NO TAKING

BREGG, JEFF
NO TAKING

MITCHELL, CARY
NO TAKING

ROGERS, BEVERLY ANN
NO TAKING

CARTER ST

215

EXIST. R/W

+55.00
30.00' LT.

+07.00
35.00' LT.

EXIST. R/W

STA. 213+79.17

℄ ROUTE 18/OHIO ST
S87°58'53"E

SECTION LINE

LINEAR GRADING
FOR ADA FACILITIES

CURB AND GUTTER
TYPE B

STA. 215+40.76

STA. 215+83.83

STA. 216+05.52

STA. 216+52.11

WILLIAMS
PHILIP &
TERESA
3,450 SF EXIST.
174 SF TEMP. ESM'T
(CONST.)
3,450 SF REMAINING

+92.00
30.00' RT.

+92.32
34.79' RT.

EXIST. R/W

R 17'

R 15'

R 15'

R 17'

EXIST. R/W

REMOVE
EXIST. CURB
(INCL. IN ADA
LINEAR GRADING)

(DND)
RETAINING
WALL & LANDSCAPING

SMART, BRADLEY W
NO TAKING

TEMPORARY EASEMENT (CONSTRUCTION)		
5	215+46.01	30.00' RT.
6	215+46.01	40.00' RT.
7	215+51.83	40.00' RT.
8	215+68.71	40.00' RT.
9	216+19.33	40.00' RT.
10	216+36.64	40.00' RT.
11	216+36.64	30.00' RT.

TEMP. CONST. ESM'T

② WALDEN, MATTHEW R.
7,950 SF EXIST.
58 SF TEMP. ESM'T
(CONST.)
7,950 SF REMAINING

STA. 215+62.79
PAVED APPROACH
ENTRANCE 3
GRADE = 13.0%, 1.0%
WIDTH = 20'

③ THE BLUE INN, LLC
3,750 SF EXIST.
506 SF TEMP. ESM'T
(CONST.)
3,750 SF REMAINING

STA. 216+26.59
PAVED APPROACH
ENTRANCE 4
GRADE = 17.0%, 1.0%
WIDTH = 20'

④ NW^{4}NE^{4}10
T41N R26W

NW^{4}NE^{4}10
T41N R26W

PLAN SHEET
18 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:10-06'00'
02-26-2026 10:22:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
HENRY

JOB NO.
JSR0338

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

SW^{4}SE^{4}3
T41N R26W

EXIST. CITY R/W

MANSFIELD, WANDA
NO TAKING

SCALE
0 10 20 30

℄

ROGERS, BEVERLY ANN
NO TAKING

SEDIMENT REMOVAL - PAID FOR AS SIDEWALK MANICURING

STA. 216+76.05

STA. 217+76.05

EXIST. R/W

+09.00
35.00' LT.

+09.00
30.00' LT.

(DND)

SIGN

T&C

(DND)

+69.53
30.02' LT.

IR

SIGN

STA. 217+77

W11-2

W16-7P

22

ORCHARD ST

WV

EXIST. CITY R/W

SW^{4}SE^{4}3
T41N R26W

GV HISTORIC PROPERTIES, LLC
NO TAKING

+29.53
30.05' LT.

IR

EXIST. R/W

IR

WM WM WM

T&C

T&C

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 217+70.71

℄ ROUTE 18/OHIO ST
S87°58'53"E

SECTION LINE

STA. 219+48.96

SECTION LINE

SIGN

EXIST. R/W

M M M M

GV

WV
HYD

WM

EXIST. R/W

BEEBE, ROBERT
& EVELYN (TRUST)
NO TAKING

STA. 217+68

W11-2

W16-7P

21

ORCHARD ST

SUBLETTE, DANIEL J.
& JANICE L.
NO TAKING

SCHMEDDING, JASON MARION
& ANDREA FAYE
NO TAKING

NW^{4}NE^{4}10
T41N R26W

NW^{4}NE^{4}10
T41N R26W

PLAN SHEET
19 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:11-06'00'

02-26-2026 10:22:10
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
HENRY

JOB NO.
JSR0338

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

SE^{4}SE^{4}3
T41N R26W

SCALE
0 10 20 30

MATTESON
AUTO REPAIR, LLC
NO TAKING

EXIST. CITY R/W

WASHINGTON ST

EXIST. CITY R/W

STA. 227+64

W11-2

W16-7P

24

W & S LEASING, LLC
NO TAKING

SE^{4}SE^{4}3
T41N R26W

WM

SIGN

EXIST. R/W

+06.41
29.80' LT.

SIGN

WV

+66.41
30.13' LT.

WV

PGE

EXIST. R/W

STA. 226+03.24

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 227+03.69

℄ ROUTE 18/OHIO ST
S87°58'53"E

SECTION LINE

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 227+56.24

WV

SECTION LINE

STA. 226+03.24

WM

SIGN

SIGN

SIGN

SIGN

EXIST. R/W

EXIST. R/W

GLASSCOCK, TIMOTHY R.
& CYNTHIA E.
NO TAKING

STA. 226+86

W11-2

W16-7P

23

NE^{4}NE^{4}10
T41N R26W

APPROX. EXIST. CITY R/W

WASHINGTON ST

NE^{4}NE^{4}10
T41N R26W

PLAN SHEET
20 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:11-06'00'

02-26-2026 10:22:11
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED	2/6/2026
ROUTE	VAR
STATE	MO
DISTRICT	SW
SHEET NO.	23
COUNTY	HENRY
JOB NO.	JSR0338
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

SCALE
0 10 20 30

SE^{4}SE^{4}3
T41N R26W

EXIST. CITY R/W

MAIN ST

CITY OF CLINTON
NO TAKING

SE^{4}SE^{4}3
T41N R26W

STA. 3+34

W11-2

W16-7P

26

ANGULSKI, BOBBY J
NO TAKING

+67.98
30.00' LT.

+27.98
28.49' LT.

EXIST. R/W

P RISER
SIGN

EXIST. R/W

STA. 2+00.56

STA. 4+79.56

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 2+63.00

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 3+20.24

℄ ROUTE 18/OHIO ST

SECTION LINE

S88°29'52"E

+28.01
16.51' RT.

SECTION LINE

EXIST. R/W

EXIST. R/W

+68.02
30.00' RT.

STA. 2+63

W11-2

W16-7P

25

NE^{4}NE^{4}10
T41N R26W

VEST, DONNA M
NO TAKING

NE^{4}NE^{4}10
T41N R26W

BELSKE, CLINTON A
& HANSEN, LEENA M
NO TAKING

EXIST. CITY R/W

EXIST. CITY R/W

PLAN SHEET
21 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER
2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:11-06'00'

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MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	24

COUNTY
HENRY

JOB NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SW^{4}SW^{4}2
T41N R26W

SCALE
0 10 20 30

RIGHT OF WAY (TAKING)		
14	0+31.38	38.54' RT.
15	0+40.00	34.71' RT.

RIGHT OF WAY (TAKING)		
14 - 15	N67°32'48"E	9.44'

PERMANENT EASEMENT (SIDEWALK)		
12	8+58.83	17.44' RT.
13	8+78.48	34.58' RT.
16	8+62.35	27.63' RT.
17	8+78.48	41.25' LT.
18	0+30.00	44.41' LT.
19	0+42.15	35.00' LT.

⑦
SPIRITS HOLDING, LLC
30,244 SF EXIST.
72 SF PERM. ESM'T
(SIDEWALK)
30,244 SF REMAINING

⑧
MOARK PARTNERS LLC
36,105 SF EXIST.
50 SF PERM. ESM'T
(SIDEWALK)
36,105 SF REMAINING

LEGEND
L LANDING
T TRANSITION
R RAMP
4" SIDEWALK

SW^{4}SW^{4}2
T41N R26W

EXIST. CITY R/W
EXIST. R/W
ROUTE 18/OHIO ST
S88°29'52"E
SECTION LINE
2ND ST/BUS. 13
S01°32'33"E
STA. 8+00.00
STA. 1+00.00
STA. 8+58.66 BEGIN LINEAR GRADING FOR ADA FACILITIES
STA. 8+66.63 BEGIN CURB RAMP MODIFIED TYPE 3-A
STA. 8+84.74 END LINEAR GRADING FOR ADA FACILITIES
STA. 8+88.65 END CURB RAMP MODIFIED TYPE 3-A
STA. 0+21.40 BEGIN CURB RAMP MODIFIED TYPE 3-A
STA. 0+48.18 END CURB RAMP MODIFIED TYPE 3-A
STA. 0+56.13 END LINEAR GRADING FOR ADA FACILITIES & BEGIN SIDEWALK MANICURE LT.
STA. 6+94.07 TO STA. 1+00.00
(DND) EXIST. UTILITY POLE
RELOCATE EXIST. RISER
RELOCATED RISER
NEW PULL BOX
(DND) EXIST. LIGHT POLE
NEW RADAR DETECTOR
(UIP) EXIST. SIGNAL BASE AND ARM
REMOVE EXIST. PULL BOX
INSTALL NEW PED. POST WITH APS PUSHBUTTON
PERM. ESM'T (SIDEWALK)
+30.00 39.00' LT.
+34.00 35.00' LT.
+65.93 27.54' LT.
+78.48 35.54' LT.
+58.83 17.44' RT.
+78.48 27.94' RT.
+31.38 38.54' RT.
+36.65 34.71' RT.
INSTALL 2 NEW PED. POSTS WITH PED. SIGNAL HEADS AND APS PUSHBUTTONS
(R) EXIST. TUBULAR MARKER
24" PREFORMED THERMOPLASTIC, WHITE
STA. 8+74.34 (R) EXIST. 6" WHITE CROSSWALK
STA. 9+04.42 (R) EXIST. 6" WHITE CROSSWALK
STA. 0+31.00 (R) EXIST. 6" WHITE CROSSWALK
STA. 9+05.86 (R) EXIST. 6" WHITE CROSSWALK
STA. 9+08.50 BK. = STA. 0+00.00 AH. END CITY R/W BEGIN MODOT R/W
(UIP) EXIST. PED. POST
(UIP) 2 EXIST PED. SIGNAL HEADS
REMOVE 2 EXIST PED. PUSHBUTTONS
INSTALL 1 NEW APS PUSHBUTTON
NEW PULL BOX
REMOVE EXIST. PULL BOX
CONTINUE SIDEWALK MANICURE, LT.
(UIP) EXIST. SIGNAL CABINET
(R) EXIST. PULL BOX
STA. 8+67.44 BEGIN CURB RAMP MODIFIED TYPE 3-A
PERM. ESM'T (SIDEWALK)
STA. 8+81.47 END CURB RAMP MODIFIED TYPE 3-A
STA. 0+40.10
STA. 0+19.81
CURB AND GUTTER TYPE B
STA. 80+58.49 ℄ BUS. 13 BEGIN CURB AND GUTTER TYPE B
STA. 80+62.66 BEGIN SIDEWALK (6' WIDE)
(DND) EXIST. RISER
(DND) FENCE
PROPOSED R/W
ADJUST TO GRADE EXIST. PULL BOX
STA. 0+31.31 BEGIN CURB RAMP MODIFIED TYPE 3-A
STA. 0+28.67 ℄ RTE. 18
STA. 80+75.05 BEGIN SIDEWALK (5' WIDE)
(R) EXIST. CONCRETE PAD
(DND) LANDSCAPING
STA.9+08.50 ℄ RTE. 18
STA. 81+12.50 ℄ BUS. 13/2ND ST END MODOT R/W BEGIN CITY RW
STA. 81+23.36 ℄ BUS. 13 END SIDEWALK, CURB AND GUTTER TYPE B, AND ADA LINEAR GRADING
STA. 81+22.61 SEE DETAIL A

⑤
PATE, SHAREN
14,406 SF EXIST.
103 SF PERM. ESM'T
(SIDEWALK)
14,406 SF REMAINING

⑥
TUCKNESS, SCOTT S & KIMBERLY K
15,960 SF EXIST.
6 SF NEW R/W
15,954 SF REMAINING

NW^{4}NW^{4}11
T41N R26W

SW^{4}SW^{4}2
T41N R26W

NW^{4}NW^{4}11
T41N R26W

END OF PROJECT
BUS. 13
DETAIL A

STA. 81+22.61
5'
(DND) FENCE
(DND) UTILITY POLE
℄ BUS. 13
EXIST. R/W
STA. 81+80.14
END PROJECT
BUS. 13
(NOT TO SCALE)

PLAN SHEET
22 OF 31
ROUTE 18 & BUS. 13
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:11-06'00'
02-26-2026 10:22:11
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/10/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
HENRY

JOB NO.
JSR0338

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

SCALE
0 10 20 30

SW^{4}SW^{4}2
T41N R26W

APRROX. EXIST. CITY R/W

3RD ST

APRROX. EXIST. CITY R/W

SW^{4}SW^{4}2
T41N R26W

LEGEND
4" SIDEWALK
8" PAVED APPROACH

BIEKER, TERESSA A
NO TAKING

STA. 5+13

W11-2

W16-7P

28

WOMBLES, GERAD A
NO TAKING

EXIST. R/W

TREE TRIMMING
(INCL. IN SIDEWALK MANICURE)

TREE TRIMMING
(INCL. IN SIDEWALK MANICURE)

EXIST. R/W

STA. 3+40.11

℄ ROUTE 18/OHIO ST
S88°29'52"E

STA. 3+41.94
BEGIN SIDEWALK MANICURE, RT.
TO STA. 26+93.54

STA. 3+63.68

STA. 3+83.69

REPLACE SIDEWALK
(MATCH EXIST. WIDTH 4')
AND LINEAR GRADING
FOR ADA FACILITIES

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 4+50.56

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 5+06.37

CONTINUE SIDEWALK
MANICURE, LT. AND RT.

STA. 6+20.17

SECTION LINE

SAW CUTS
(NO DIRECT PAY)

SECTION LINE

EXIST. R/W

TREE TRIMMING
(INCL. IN SIDEWALK MANICURE)

STA. 4+47

W11-2

W16-7P

27

JACKSON, CHARLES KEITH
& JENNIFER
NO TAKING

NW^{4}NW^{4}11
T41N R26W

REPLACE GRASS AREA WITH
PAVED APPROACH
ENTRANCE 5
GRADE = 10.0%, 1.0%
WIDTH = 5'

STA. 5+87.10

STA. 5+91.87

HARLEY CUMMINS
NO TAKING

NW^{4}NW^{4}11
T41N R26W

CORWIN, TIM
& STORMIE
NO TAKING

PLAN SHEET
23 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
Cameron Sooy
2026.02.26
10:22:11-06'00'
PROFESSIONAL ENGINEER

02-26-26 10:22:11
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	26

COUNTY
HENRY

JOB NO.
JSR0338

CONTRACT ID.

PROJECT NO.

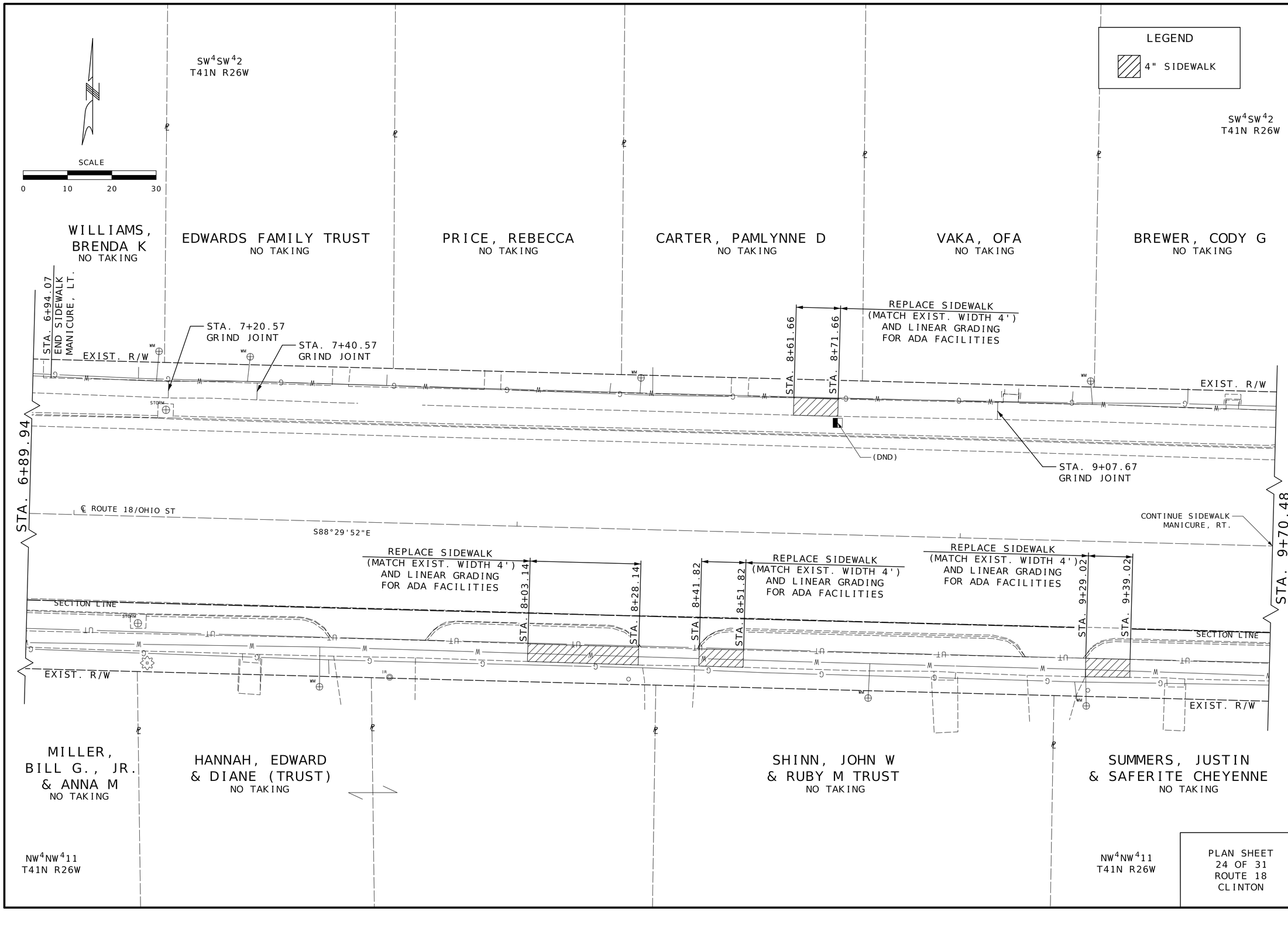
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT



STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
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VAR	MO
DISTRICT	SHEET NO.
SW	27

COUNTY
HENRY

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DESCRIPTION

DATE

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

SCALE
0 10 20 30

APPROX. EXIST. CITY R/W

SE^{4}SW^{4}2
T41N R26W

HUNT, HOWARD E (TRUST)
NO TAKING

℄ BOURLAND PROPERTIES, LLC
NO TAKING

HERSCHBERGER, ROMAN & ANNA
NO TAKING

SE^{4}SW^{4}2
T41N R26W

HENDRICKS FAMILY TRUST
NO TAKING

LEGEND
4" SIDEWALK

5TH ST

STA. 12+73.86
BEGIN SIDEWALK MANICURE, LT.
TO STA. 18+62.28

EXIST. R/W

STA. 12+47.51

℄ ROUTE 18/OHIO ST
S88°29'52"E

SECTION LINE

EXIST. R/W

STA. 13+96.36

STA. 14+21.36

REPLACE SIDEWALK
(MATCH EXIST. WIDTH 4')
AND LINEAR GRADING
FOR ADA FACILITIES

(DND)

SEDIMENT REMOVAL
(INCL. IN SIDEWALK MANICURE)

EXIST. R/W

STA. 15+18.49
GRIND JOINT

SECTION LINE

EXIST. R/W

STA. 15+22.89
GRIND JOINT

15

KNIGHT, RONNIE MONROE
NO TAKING

COCHRAN, KEVIN S & DIRENDA K
NO TAKING

PARK PLACE ESTATES, LLC
NO TAKING

NE^{4}NW^{4}11
T41N R26W

NE^{4}NW^{4}11
T41N R26W

PLAN SHEET
25 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:11-06'00'

02-26-2026 10:22:11
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	28

COUNTY
HENRY

JOB NO.
JSR0338

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)

SE^{4}SW^{4}2
T41N R26W

SE^{4}SW^{4}2
T41N R26W

SCALE
0 10 20 30

LEGEND
4" SIDEWALK
8" PAVED APPROACH

WILLIAMS,
PHILLIP & TERESA
NO TAKING

SPOONER,
NICHOLAS ROBERT
NO TAKING

HANNAH, EDWARD & DIANE (TRUST)
NO TAKING

MOTHERSBAUGH,
MATTHEW BRYANT
NO TAKING

NEWBY-
SISCO,
CHRIS
NO TAKING

HENDRICKS
FAMILY TRUST
NO TAKING

EXIST. R/W

STA. 15+94.98
GRIND JOINT

(DND)

EXIST. R/W

STA. 16+27.29

STA. 16+72.59

REPLACE SIDEWALK
(MATCH EXIST. WIDTH 4')
AND LINEAR GRADING
FOR ADA FACILITIES

℄ ROUTE 18/OHIO ST
S88°06'52"E

SECTION LINE

SAW CUTS
(NO DIRECT PAY)

MEYER, LORETTA
NO TAKING

SECTION LINE

EXIST. R/W

EXIST. R/W

STA. 16+78.83

STA. 16+91.64

REPLACE GRASS AREA WITH
PAVED APPROACH
ENTRANCE 6
GRADE = 13.00%
W = 14'

PARK PLACE ESTATES, LLC
NO TAKING

VEST, STEWART D & CATHLINE T
NO TAKING

WALKER, DOUGLAS COLSTON JR
NO TAKING

PADGETT, SARA R
NO TAKING

NE^{4}NW^{4}11
T41N R26W

NE^{4}NW^{4}11
T41N R26W

PLAN SHEET
26 OF 31
ROUTE 18
CLINTON

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PROFESSIONAL ENGINEER

02-26-2026 10:22:11
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DATE PREPARED
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ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
HENRY

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SE^{4}SW^{4}2
T41N R26W

SCALE
0 10 20 30

APPROX. EXIST. CITY R/W

STA. 18+91

S1-1

W16-7P

30

6TH ST

APPROX. EXIST. CITY R/W

SE^{4}SW^{4}2
T41N R26W

LEGEND
- (L) LANDING
- (T) TRANSITION
- (R) RAMP
- 8" PAVED APPROACH
- 4" SIDEWALK
- 4" MEDIAN STRIP (RAISED ISLAND)

LINEAR GRADING FOR ADA FACILITIES

NEWBY-SISCO, CHRIS
NO TAKING

STA. 18+62.28
END SIDEWALK MANICURE, LT.

NEW CURB RAMP TYPE 3-D

STA. 18+72.28

STA. 18+98.96

STA. 19+12.84
PAVED APPROACH
GRADE = 5.0%, 2.0%, 9.08%
W = 24'

NEW CURB RAMP TYPE 1-A

STA. 19+26.84

STA. 19+42.79

STA. 19+52.83

EQUITY BANK
NO TAKING

+89.22
34.78' LT.

+38.57
34.80' LT.

EXIST. R/W

(DND)

R 18'

R 19'

20

EXIST. R/W

(DND)

(R) EXIST. SIGN

STA. 18+92.66
REMOVE & RELOCATE
STOP SIGN

(DND)

STA. 19+40.57
REMOVE STOP BAR

24" PREFORMED THERMOPLASTIC, WHITE
STA. 18+74.48

℄ ROUTE 18/OHIO ST
S88°06'52"E

STA. 18+66.08
REMOVE STOP BAR

20+78.64

SECTION LINE

(DND)

SECTION LINE

R 20'

R 25'

EXIST. R/W

(R) EXIST. SIGN

+68.68
34.99' RT.

+21.44
34.99' RT.

(DND)

STA. 18+95.32
PAVED APPROACH
ENTRANCE 7
GRADE = 1.00%
W = 24'

STA. 19+70.89

EXIST. R/W

(DND)

STA. 20+79.82

STA. 21+07.95

STA. 18+67

STA. 18+64.00

S1-1

W16-7P

29

REPLACE SIDEWALK
(MATCH EXIST. WIDTH 4')
AND LINEAR GRADING
FOR ADA FACILITIES

LINEAR GRADING FOR ADA FACILITIES

ANSTINE, LORA D. (TRUST)
NO TAKING

EDGETT & MAHAN BUILDING CORP.
NO TAKING

MEYER, LORETTA
NO TAKING

APPROX. EXIST. CITY R/W

NE^{4}NW^{4}11
T41N R26W

6TH ST

APPROX. EXIST. CITY R/W

NE^{4}NW^{4}11
T41N R26W

PLAN SHEET
27 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
Cameron Sooy
2026.02.26
10:22:12-06'00'
PROFESSIONAL ENGINEER

02-26-2026 10:22:12
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	30

COUNTY
HENRY

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JEFFERSON CITY, MO 65102
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MoDOT

SE^{4}SW^{4}2
T41N R26W

SCALE
0 10 20 30

SE^{4}SW^{4}2
T41N R26W

APRROX. EXIST. CITY R/W

LEGEND
4" SIDEWALK

EQUITY BANK
NO TAKING

EXIST. R/W

STA. 21+28.84
GRIND JOINT

7TH ST

+76.20
35.00' LT

EXIST R/W

+76.20
35.00' LT.

STA. 24+06.37

℄ ROUTE 18/OHIO ST
S88°06'52"E

CONTINUE SIDEWALK
MANICURE, RT.

SECTION LINE

STA. 22+12.82
GRIND JOINT

STA. 22+70.15
GRIND JOINT

SECTION LINE

EXIST. R/W

STA. 21+35.99

REPLACE SIDEWALK
(MATCH EXIST. WIDTH 4')
AND LINEAR GRADING
FOR ADA FACILITIES

EDGETT & MAHAN
BUILDING CORP.
NO TAKING

WOMBLES,
GERAD ALLEN
NO TAKING

EXIST. R/W

STA. 23+81.63

STA. 23+96.63

REPLACE SIDEWALK
(MATCH EXIST. WIDTH 4')
AND LINEAR GRADING
FOR ADA FACILITIES

NE^{4}NW^{4}11
T41N R26W

NE^{4}NW^{4}11
T41N R26W

PLAN SHEET
28 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
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2026.02.26 10:22:12-06'00'

02-26-2026 10:22:12
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SW	31

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

SCALE
0 10 20 30

SW4SE42
T41N R26W

SPEED LIMIT 35
R2-1
31

CASEY'S MARKETING CO.
NO TAKING

SPEED LIMIT 35
R2-1

W11-2

W16-7P
33

CARTER, MICHAEL JAMES
NO TAKING

SW4SE42
T41N R26W

KALWEI CAPITAL, LLC
NO TAKING

STA. 25+65.71

100'
SPACING MAY BE GREATER
DUE TO VARYING FIELD CONDITIONS,
BUT NO LESS THAN 100'

STA. 26+80.98

STA. 27+83.51
BEGIN SIDEWALK
MANICURE, LT.
TO STA. 32+50.36

EXIST. R/W

RELOCATE EXIST.
SPEED LIMIT SIGN

STA 26+66.75
OFF 24.94'

STA. 25+35.97

℄ ROUTE 18/OHIO ST
S88°06'52"E

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 26+70.75

CONTINUE SIDEWALK
MANICURE, LT.

STA. 28+16.34

SECTION LINE

STA. 26+93.54
END SIDEWALK
MANICURE, RT.

EXIST. R/W

STA. 26+68

W11-2

W16-7P
32

NW4NE411
T41N R26W

JP HOLDINGS OF MISSOURI, LLC
NO TAKING

APRROX. EXIST. CITY R/W

PEYTON ST

APRROX. EXIST. CITY R/W

CAMERON, ROGER
NO TAKING

NW4NE411
T41N R26W

PLAN SHEET
29 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
Cameron Sooy
2026.02.26
10:22:12-06'00'
PROFESSIONAL ENGINEER

02-26-2026 10:22:12
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	32

COUNTY
HENRY

JOB NO.
JSR0338

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)

SW^{4}SE^{4}2
T41N R26W

SCALE
0 10 20 30

FRISBIE, KEVIN (TRUST)
NO TAKING

SW^{4}SE^{4}2
T41N R26W

100'

W11-2
W16-7P
35

W11-2
AHEAD
W16-9P
36

B.F.P. LLC
NO TAKING

STA. 31+50

STA. 32+50.36
END SIDEWALK
MANICURE, LT.

+24.00
35.00' LT.

+49.00
37.50' LT.

EXIST. R/W

EXIST. R/W

STA. 30+03.66

℄ ROUTE 18/OHIO ST
S88°06'52"E

24" PREFORMED
THERMOPLASTIC, WHITE
STA. 31+34.43

SECTION LINE

SECTION LINE

SIGN

SIGN

STORM

GV

SIGN

EXIST. R/W

+14.39
34.96' RT.

+35.00
37.50' RT.

ATCHISON GRANITE
PROPERTIES, LLC
NO TAKING

STA. 31+43

W11-2

W16-7P

34

8TH ST

APPROX. EXIST. CITY R/W

STORM

+81.59
34.94' RT.

CRV

EXIST. R/W

+84.00
48.00' RT.

FLLC, INC.
NO TAKING

APPROX. EXIST.
CITY R/W

NW^{4}NE^{4}11
T41N R26W

NW^{4}NE^{4}11
T41N R26W

PLAN SHEET
30 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:12-06'00'

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VAR	MO
DISTRICT	SHEET NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

SCALE
0 10 20 30

SW^{4}SE^{4}2
T41N R26W

APRROX. EXIST. CITY R/W

APRROX. EXIST. CITY R/W

SW^{4}SE^{4}2
T41N R26W

B.F.P. LLC
NO TAKING

HUANG, JIANWU
NO TAKING

MARDEV, LLC
NO TAKING

9TH ST

EXIST. R/W

+24.00
37.67' LT.

EXIST. R/W

+24.00
35.00' LT.

STA. 33+86.89
GRIND JOINT

EXIST. R/W

35

℄ ROUTE 18/OHIO ST
S88°06'52"E

END PROJECT
℄ ROUTE 18
STA. 33+86.89

SECTION LINE

SECTION LINE

EXIST. R/W

EXIST. R/W

FLLC, INC.
NO TAKING

NW^{4}NE^{4}11
T41N R26W

NW^{4}NE^{4}11
T41N R26W

PLAN SHEET
31 OF 31
ROUTE 18
CLINTON

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:12-06'00'

02-26-2026 10:22:12
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	34

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DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI MODIFIED STATE PLANE COORDINATE SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION(GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION PORTION" OF THIS TABLE.

PROJECT COORDINATE INFORMATION	
COORDINATE SYSTEM	MODIFIED STATE PLANE
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD88
GEOID MODEL	18
ELEVATIONS DETERMINED BY	MODOT GNSS
PROJECT PROJECTION FACTOR	1.00000660

REFERENCE CONTROL INFORMATION	
COORDINATE SYSTEM	MODIFIED STATE PLANE
CONTROL STATION	MODOT CLINTON CORPS
DESIGNATION	MODOT CLINTON CORPS ARP
CORS_ID	MOCL
PID	DM4670
LATITUDE	382319.74343
LONGITUDE	934521.33535
NORTHING (M)	246868.357
EASTING (M)	915003.842
ZONE	2403 (MO- West)
PROJECT AVERAGE GRID FACTOR	0.99996055

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI MODIFIED STATE PLANE COORDINATE SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION(GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION PORTION" OF THIS TABLE.

PROJECT COORDINATE INFORMATION	
COORDINATE SYSTEM	MODIFIED STATE PLANE
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD88
GEOID MODEL	18
ELEVATIONS DETERMINED BY	MODOT GNSS
PROJECT PROJECTION FACTOR	1.00004320

REFERENCE CONTROL INFORMATION	
COORDINATE SYSTEM	MODIFIED STATE PLANE
CONTROL STATION	MODOT CLINTON CORPS
DESIGNATION	MODOT CLINTON CORPS ARP
CORS_ID	MOCL
PID	DM4670
LATITUDE	382319.74343
LONGITUDE	934521.33535
NORTHING (M)	246868.357
EASTING (M)	915003.842
ZONE	2403 (MO-West)
PROJECT AVERAGE GRID FACTOR	0.99996055

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #3
N 236909.2026 X 1.00000 = N 236909.2026
E 2958344.2319 X 1.00000 = E 2958344.2319

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION
PROJECT CONTROL POINTS (WINDSOR HWY WW)						
53+21.94	℄ HWY WW	-3,940.31	866,261.68	3,071,435.67	911.89	LAND CORNER MARKER
55+31.89	℄ HWY WW	27.44	866,106.94	3,067,460.23	894.35	1/2" IRON ROD
PROJECT CONTROL POINTS (WINDSOR RTE 2 & 52)						
666+52.26	℄ RTE 2	49.91	863,908.56	3,067,386.06	887.66	FOUND IRON PIN
677+15.10	℄ RTE 2	-4,511.54	866,261.68	3,071,435.67	911.89	LAND CORNER MARKER
PROJECT CONTROL POINTS (CLINTON)						
7+28.70	℄ RTE 18	-27.85	801,940.19	2,996,757.54	800.74	LAND CORNER 3/8" IRON PIN IN CONCRETE CORNER
33+84.47	℄ RTE 18	-21.81	801,864.53	2,999,412.24	772.51	LAND CORNER 3" ALUMINUM MONUMENT
ALIGNMENTS						
HIGHWAY WW (HWYWW) (WINDSOR)						
51+00.00	℄ HWY WW		866,536.94	3,067,498.72		BEGINNING OF CHAIN
54+19.00	℄ HWY WW		866,217.97	3,067,494.40		PT
63+67.60	℄ HWY WW		865,271.08	3,067,437.44		PT
68+34.00	℄ HWY WW		864,805.05	3,067,419.06		PT
70+00.00	℄ HWY WW		864,639.09	3,067,415.23		END OF CHAIN
ROUTE 2 (Rte2) (WINDSOR)						
662+50.00	℄ RTE 2		864,235.65	3,067,146.65		BEGINNING OF CHAIN
682+02.00	℄ RTE 2		862,814.47	3,068,484.76		END OF CHAIN
ROUTE 52 (Rte52) (WINDSOR)						
4+00.00	℄ RTE 52		864,722.17	3,071,063.47		BEGINNING OF CHAIN
13+00.00	℄ RTE 52		864,234.45	3,070,307.08		HPI
19+47.50	℄ RTE 52		863,903.91	3,069,750.30		PC
20+00.00	℄ RTE 52		863,877.11	3,069,705.16		HPI
20+52.15	℄ RTE 52		863,841.87	3,069,666.25		PT
25+75.85	℄ RTE 52		863,490.34	3,069,278.06		PC
26+33.65	℄ RTE 52		863,451.54	3,069,235.22		HPI
26+91.29	℄ RTE 52		863,418.53	3,069,187.77		PT
28+95.69	℄ RTE 52		863,301.78	3,069,019.99		PC
29+46.49	℄ RTE 52		863,272.77	3,068,978.29		HPI
29+97.12	℄ RTE 52		863,238.20	3,068,941.07		PT
36+31.32	℄ RTE 52		862,806.65	3,068,476.34		HPI
48+99.32	℄ RTE 52		861,934.40	3,067,556.01		HPI
66+31.99	℄ RTE 52		860,756.17	3,066,285.61		PC
68+96.89	℄ RTE 52		860,576.04	3,066,091.38		HPI
71+60.95	℄ RTE 52		860,424.43	3,065,874.16		PT
72+48.26	℄ RTE 52		860,374.46	3,065,802.56		END OF CHAIN
ROUTE 18 (Rte18) (CLINTON)						
295+00.00	℄ RTE 18		802,130.30	2,991,845.70		BEGINNING OF CHAIN
295+08.47	℄ RTE 18		802,129.39	2,991,854.12		PC
299+60.24	℄ RTE 18		802,080.71	2,992,303.26		HPI
196+38.90	℄ RTE 18		802,066.27	2,992,754.80		PT
208+99.20	℄ RTE 18		802,026.01	2,994,014.46		PC
209+39.92	℄ RTE 18		802,024.71	2,994,055.16		HPI
209+80.50	℄ RTE 18		802,017.66	2,994,095.26		PT
210+70.31	℄ RTE 18		802,002.12	2,994,183.71		PC
211+11.23	℄ RTE 18		801,995.04	2,994,224.01		HPI
211+52.01	℄ RTE 18		801,993.60	2,994,264.91		PT
0+00.00	℄ RTE 18		801,931.45	2,996,028.36		HPI
9+08.50	℄ RTE 18		801,907.63	2,996,936.55		END OF CHAIN
9+08.50	℄ RTE 18		801,907.63	2,996,936.55		BEGINNING OF CHAIN
15+20.90	℄ RTE 18		801,867.77	2,998,456.93		HPI
41+57.24	℄ RTE 18		801,781.03	3,001,091.84		END OF CHAIN

COORDINATE POINT SHEET
SHEET 1 OF 1

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy 2021019715
2026.02.26 10:22:12-06'00'
02-26-2026 10:22:12
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	35

COUNTY
HENRY

JOB NO.
JSR0338

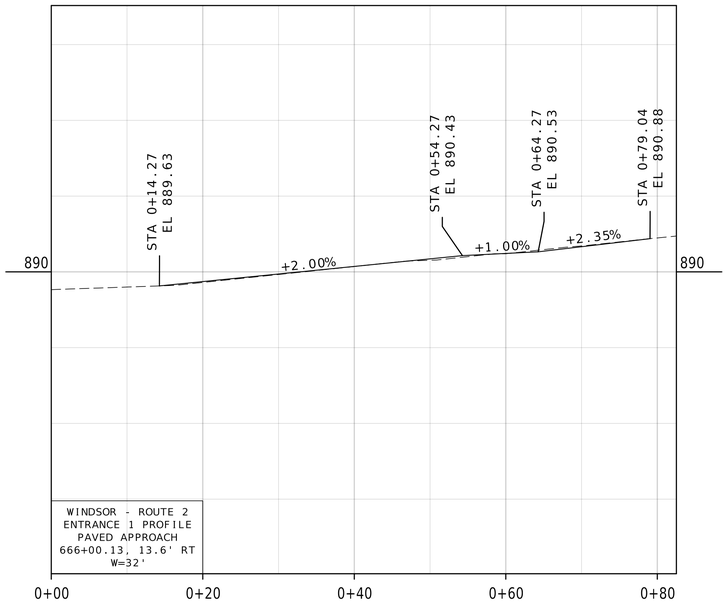
CONTRACT ID.

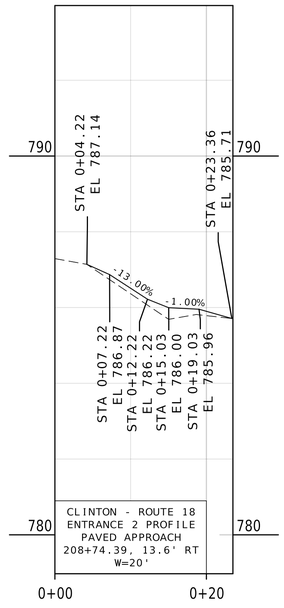
PROJECT NO.

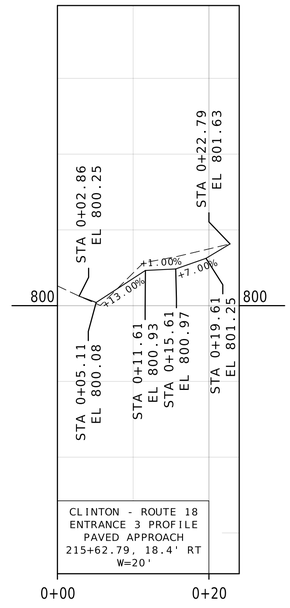
BRIDGE NO.

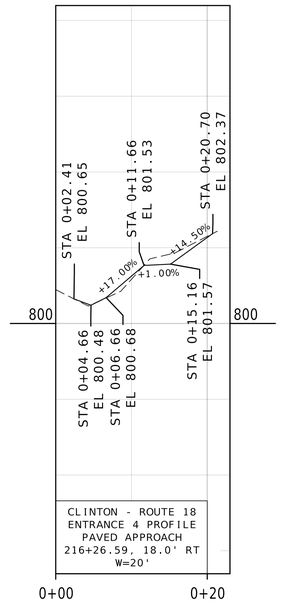
DESCRIPTION	DATE

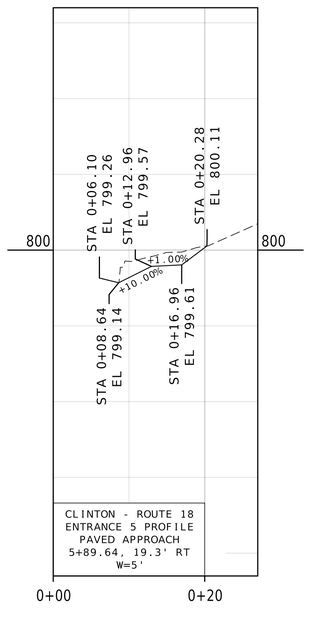
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

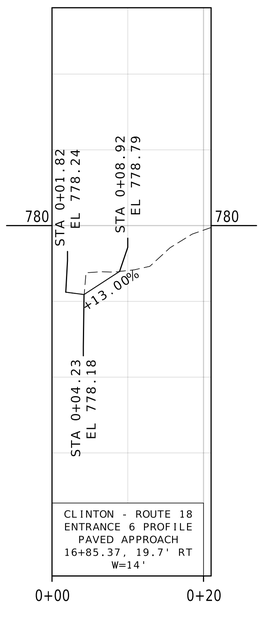


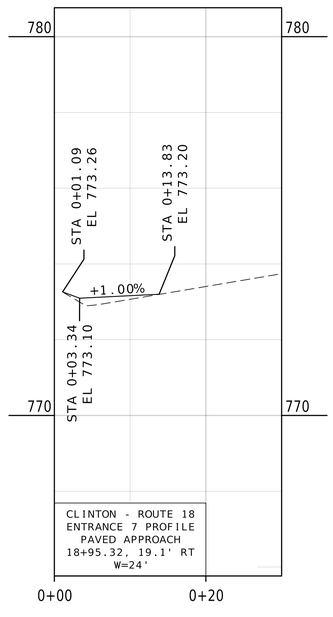


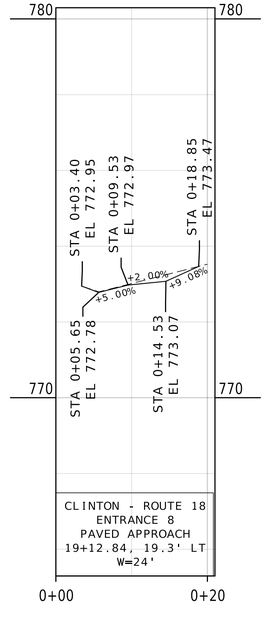












SPECIAL SHEET
ENTRANCE PROFILES
SHEET 1 OF 1

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:13-06'00'

02-26-2026 10:22:13
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	36

COUNTY
HENRY

JOB NO.
JSR0338

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

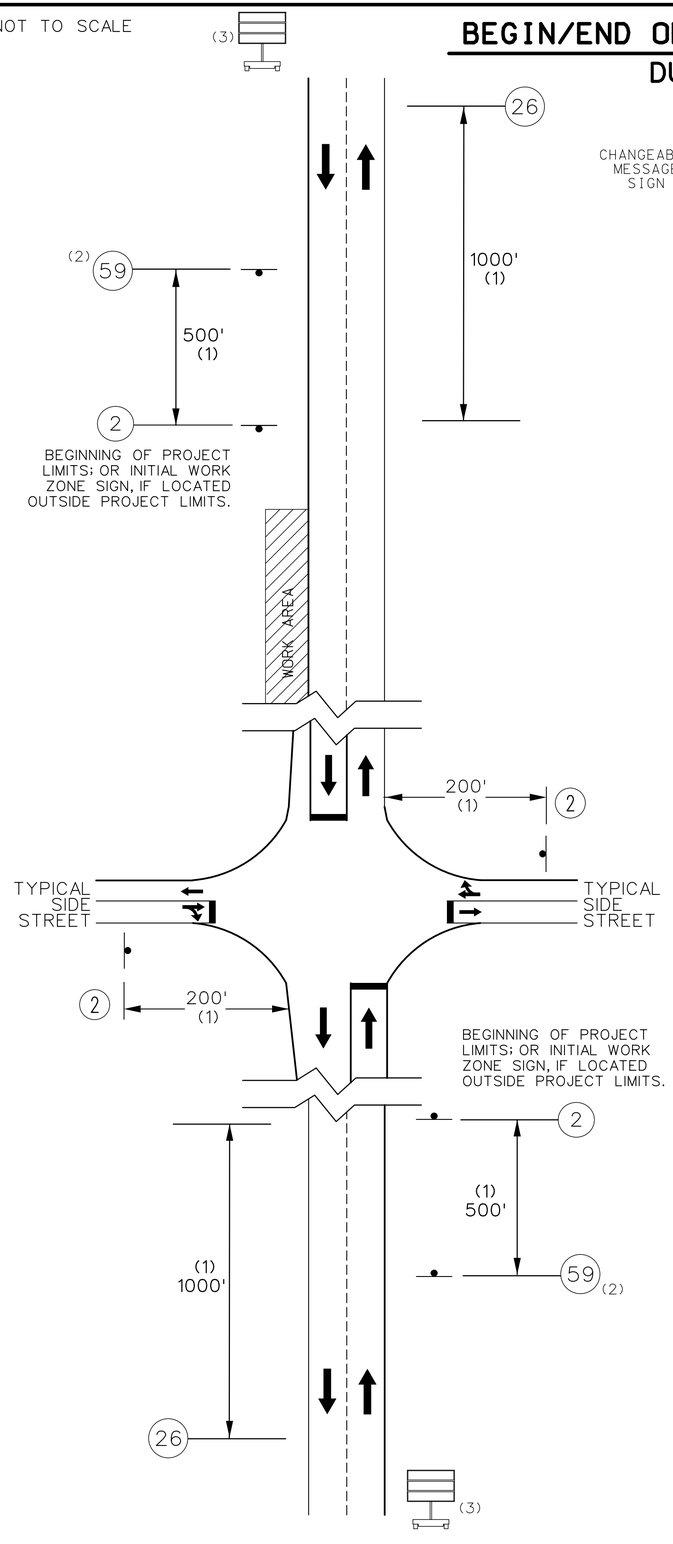
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOT TO SCALE

BEGIN/END OF PROJECT SIGNING

DUAL-LANE

EFFECTIVE: 06-08-2016
REVISED (ADA): 09-26-2025



(3)
CHANGEABLE MESSAGE SIGN

WO20-1
2
ROAD WORK AHEAD
BRIDGE OR RAMP
WO25-6

GO20-2
26
END ROAD WORK

(2)
CONST-8
59
WORK ZONE
NO PHONE ZONE

SIGN SPACING FOR ADVANCE SIGN SERIES

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

SPEED MPH (S)	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	1000 FT	1000 FT

GENERAL NOTES:

1. ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
3. SEE STANDARD DRAWING 616.10 AND 620.10 FOR ADDITIONAL DETAILS, AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
4. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
5. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
6. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS OR FLASHING ARROW PANEL.
7. NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITIONS AS APPROVED BY THE ENGINEER.
8. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
10. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
11. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
12. ALL PEDESTRIAN TRAFFIC CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE CURB RAMP & SIDEWALK IS OPENED FOR PEDESTRIAN TRAVEL.
13. PEDESTRIAN TRAFFIC CONTROL SIGNS MAY BE MOUNTED ON PORTABLE MOUNTS AT 1 FT. PROVIDED THEY DO NOT INTERFERE WITH PEDESTRIAN MOVEMENT OR BE OBSTRUCTED BY PARKING. OTHERWISE, SIGNS SHALL BE MOUNTED AT 7 FT.
14. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(3) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2026002426
2026.02.26 10:22:13-06'00'
PROFESSIONAL ENGINEER
02-26-2026 10:22:13
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	37

COUNTY
HENRY

JOB NO.
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PROJECT NO.

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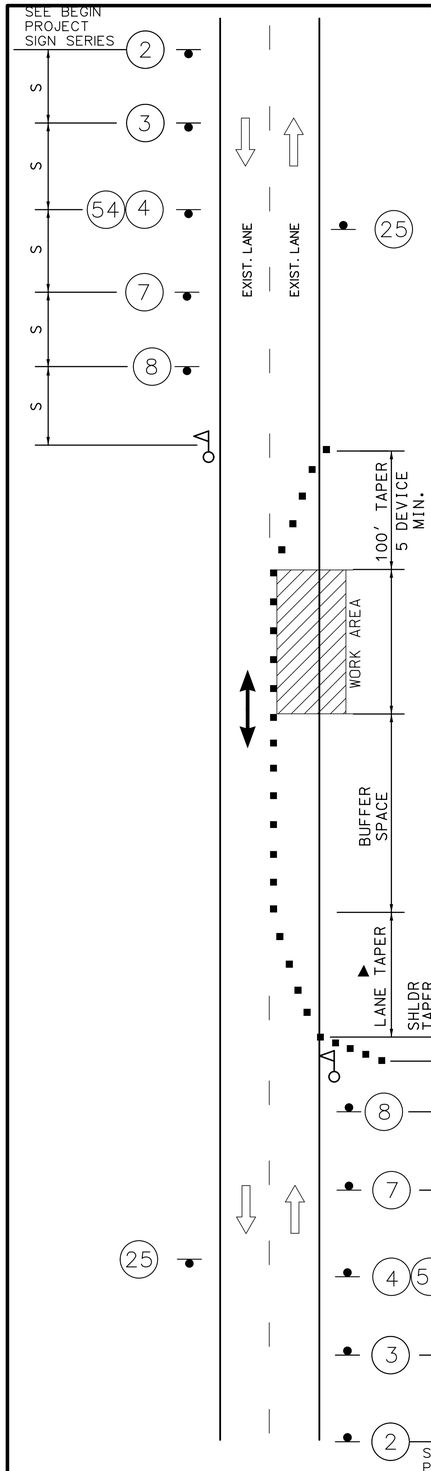
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFFECTIVE: 06-08-2016
REVISED (ADA): 12-16-2025

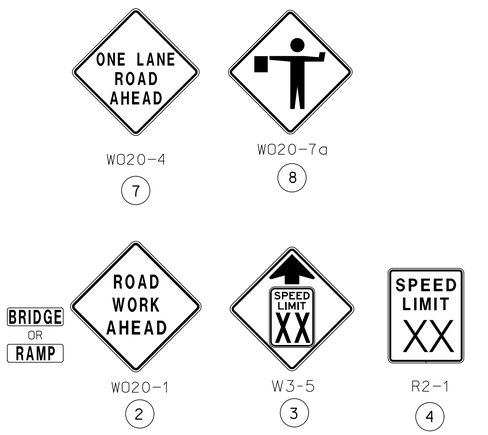


DUAL-LANE
LANE CLOSURE - DAY OR NIGHT

NOT TO SCALE

SIGNING REFLECTS DAY OR NIGHT TIME WORKING HOURS

NIGHT TIME WORK HOURS
X PM - X AM



NOTES:

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

▲ IN TAPER SECTIONS: QUANTITY OF TRIMLINE CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAX. CHANNELIZER SPACING IN THE CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES (NO DIRECT PAY)

NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONST. SIGNS, OR FLASHING ARROW PANEL.

NO DIRECT PAYMENT WILL BE MADE FOR TEMPORARY STOP OR YIELD SIGNS AS NEEDED TO MAINTAIN EXISTING STOP/YIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING ARE ONE-HALF OF THE SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER. SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.

THE MAX. CHANNELIZER SPACING WITHIN THE WORK ZONE AREA MAY BE REDUCED BASED ON CONSTRUCTION CONDITIONS, AS APPROVED BY ENGINEER.

SPEED	SIGN SPACING (1) (FT)		TAPER LENGTH (3) (FT)		OPTIONAL	CHANNELIZER SPACING (4) (FT)	
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	SHOULDER (5) (T1)	LANE (6) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200 (2)	200 (2)	70	245	250	35 (7)	40 (7)
40-45	350	500	150	540	360	40 (7)	80 (7)
50-55	500	1000	185	660	495	50 (8)	80 (8)
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	730	60 (8)	120 (8)

NOTES:

(1) SIGN SPACING MAY BE ADJUSTED, NORMALLY BY INCREASING IT, TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.

(2) FOR URBAN LOW SPEED, MINIMUM RECOMMENDED SPACING IN MUTCD IS 100 FT.

(3) TAPER LENGTHS MAY BE ADJUSTED TO ACCOMMODATE CROSSROADS, CURVES, INTERSECTIONS, RAMPS, OR OTHER GEOMETRIC FEATURES.

(4) CHANNELIZER SPACING MAY BE REDUCED TO DISCOURAGE TRAFFIC ENCROACHMENT.

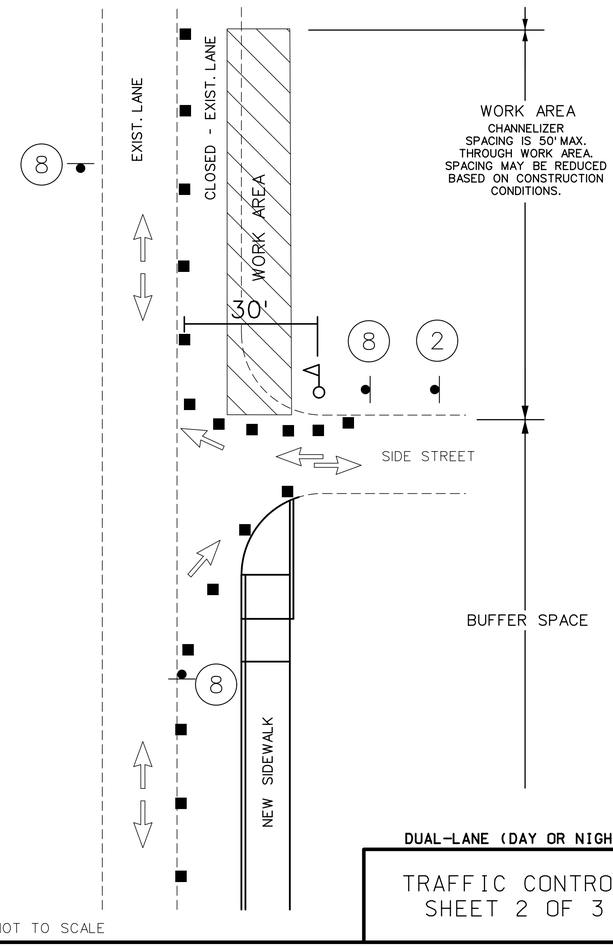
(5) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.

(6) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

(7) SPACING REDUCED TO 1/2 AT INTERSECTIONS.

(8) SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.

SIDE STREET FLAGGING DETAIL



NOT TO SCALE

DUAL-LANE (DAY OR NIGHT)

TRAFFIC CONTROL
SHEET 2 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:13-06'00'
02-26-2026 10:22:13
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	38

COUNTY
HENRY

JOB NO.
JSR0338

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

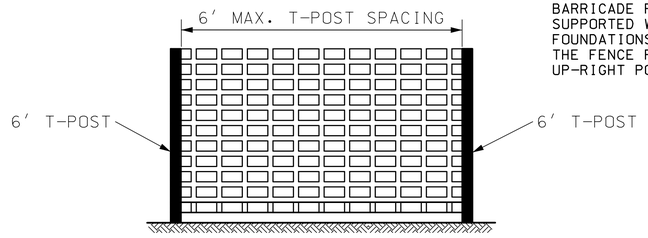
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REVISED: 11-19-2018

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.

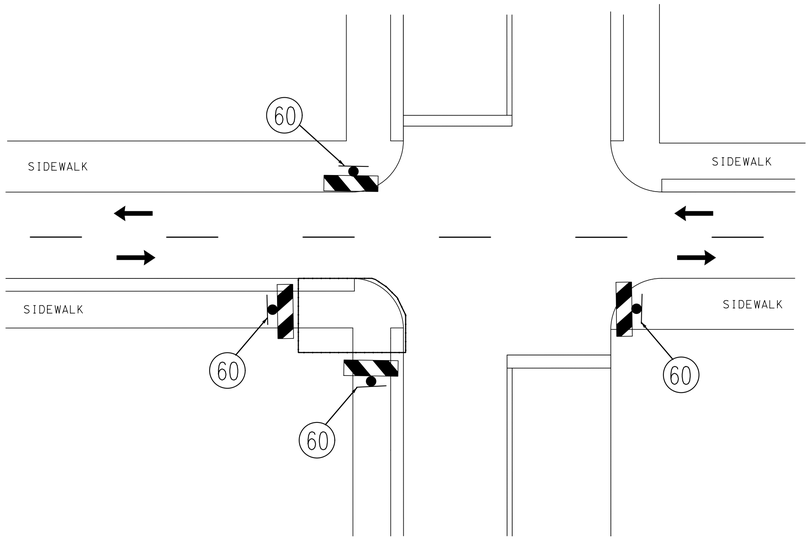
ORANGE PLASTIC SAFETY FENCE



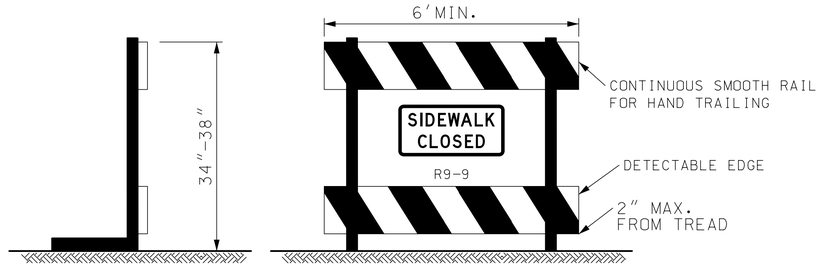
NO DIRECT PAY.
PLASTIC SAFETY NETTING USED FOR BARRICADE FENCING SHALL BE SUPPORTED WITH T-POST. ADEQUATE FOUNDATIONS, AND BALLAST SO THAT THE FENCE REMAINS TAUT AND IN AN UP-RIGHT POSITION.

DUAL-LANE TYPICAL SIDEWALK CLOSURE

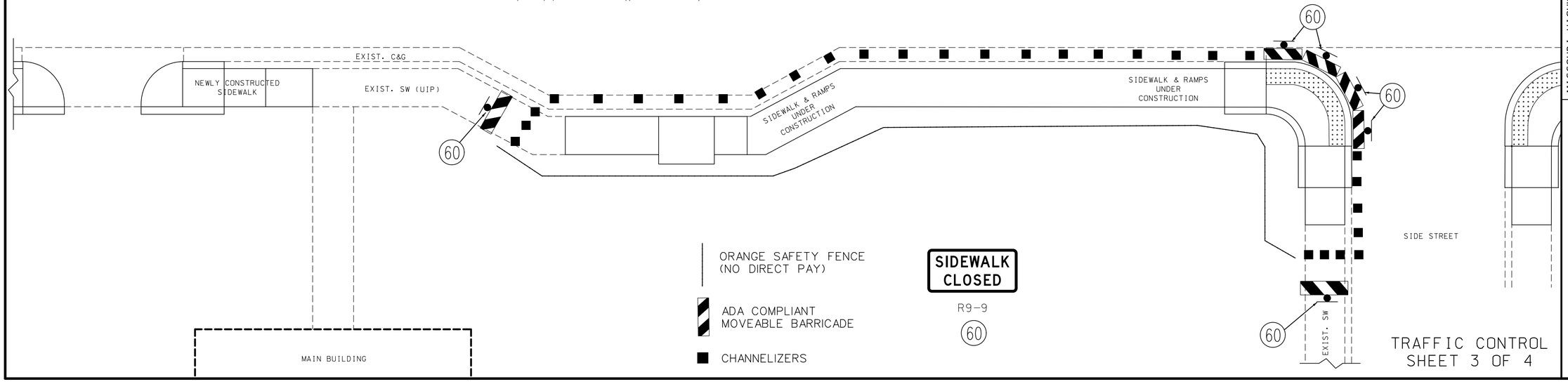
NOT TO SCALE



ADA COMPLIANT MOVEABLE BARRICADE



1. WARNING LIGHTS SHALL NOT BE ATTACHED TO ADA COMPLIANT BARRICADES.
2. CHEVRON RAILS ON THE ADA COMPLIANT BARRICADES MUST BE 8" WIDE MIN. AND MEET TYPE 3 RETRO-REFLECTIVE SHEETING AND COLOR CONTRAST BARRICADE RAILS AS SHOWN. THE TOP RAIL MUST PROVIDE A SMOOTH CONTINUOUS RAIL SURFACE SUITABLE FOR HAND TRAILING WITH NO SPLINTERS, BURRS, OR SHARP EDGES. A MINIMUM OF TWO 8" WIDE RAILS IS REQUIRED.
3. NO TRIPPING HAZARDS FROM THE BARRICADES ARE ALLOWED WITHIN THE PEDESTRIAN SPACE. THIS MEANS NO FEET OR BARS USED TO HOLD THE RAILS OR SUPPORT THE DEVICE ARE ALLOWED WITHIN THE WALKWAY. ALL FEET AND BALLASTS WILL NEED TO BE BEHIND THE DEVICE.
4. THE BARRICADE MUST BE THE FULL WIDTH OF THE CLOSED SIDEWALK.



TRAFFIC CONTROL
SHEET 3 OF 4

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy 2026.02.26 10:22:13-06'00'
02-26-2026 10:22:13
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	39

COUNTY
HENRY

JOB NO.
JSR0338

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

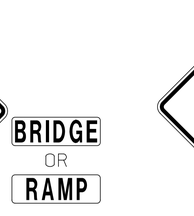
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

W020-1

(2)



W020-6a

(6)

G020-5aP

(54)

R2-1

(4)

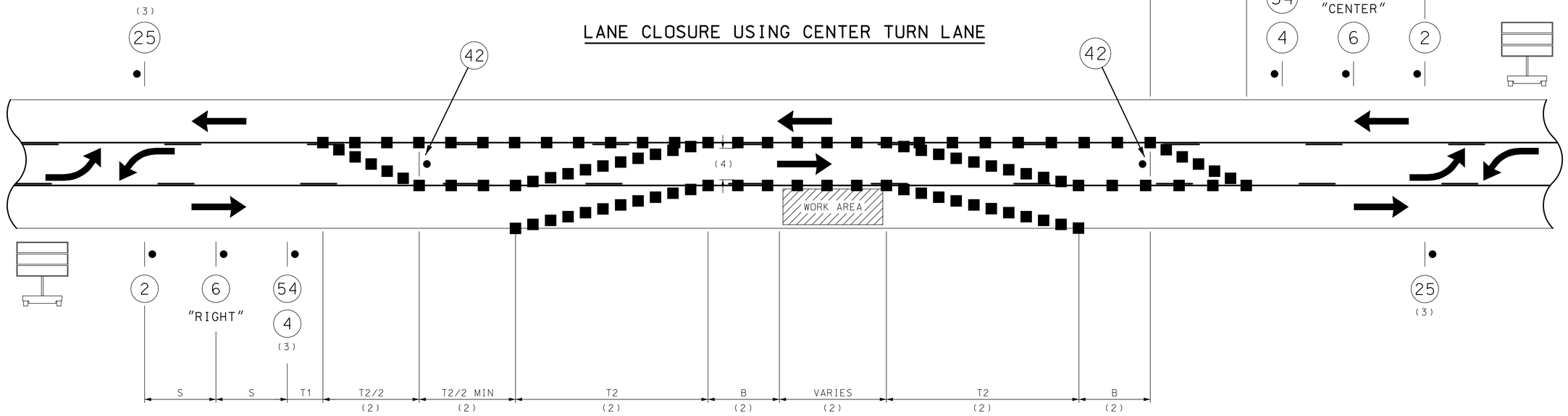
R4-7a

(42)

R2-1

(25)

LANE CLOSURE USING CENTER TURN LANE



NOTE:

ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS AS DIRECTED BE THE ENGINEER.

ANY EXISTING SIGNING OR PAVEMENT MARKING THAT CONFLICTS WITH THE TRAFFIC CONTROL SHALL BE COMPLETELY COVERED OR REMOVED AT NO DIRECT PAY.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES. NO DIRECT PAY.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVMENT MARKING, CHANNELIZER SPACINGS SHALL BE ONE-HALF OF THE SPACINGS SHOWN IN THE TABLE.

CHANNELIZER SPACINGS SHALL BE REDUCED TO ONE-HALF OF THE SPACINGS SHOWN IN THE TABLE AT INTERSECTIONS.

NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS OR FLASHING ARROW PANEL.

REDUCED SPEED LIMIT SIGNING SHALL BE REMOVED, COVERED OR TURNED FROM TRAFFIC WHEN CONDITIONS REQUIRING THE REDUCED SPEED NO LONGER EXIST.

SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDING NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT ½ MILE.

SEE STANDARD PLAN 616.10 FOR ADDITIONAL DETAILS.

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

(2) SEE TABLE FOR CHANNELIZER SPACING AND TAPER AND BUFFER LENGTHS.

(3) OMIT SPEED LIMIT SIGNS IN AREAS WHERE THE POSTED SPEED LIMIT IS LESS THAN 45 MPH.

(4) 10′ MINIMUM

SPEED	SIGN SPACING (FT) (1)		CHANNELIZER SPACING (FT)		BUFFER LENGTH (FT) (B)	TAPER LENGTH (FT)		LONGITUDINAL TRANSITION (FT) (X)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	TAPERS	BUFFER/ WORK AREAS		SHOULDER[1] (T1)	LANE[2] (T2)	
0-35	200	200	35	40	280	70	245	490
40-45	350	500	40	80	400	150	540	1080
50-55	500	1000	50	80	560	185	660	1320
60-70	1000	SA - 1000 SB - 1500 SC - 2640	60	120	840	235	840	1680

[1]BASED ON 10′ SHOULDER WIDTH
[2]BASED ON 12′ LANE WIDTH

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- CHANGEABLE MESSAGE BOARD

NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 4

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26 10:22:13-06'00'

02-26-2026 10:22:13
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	40

COUNTY
HENRY

JOB NO.
JSR0338

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)

REVISED: 11-18-2021

NOTES:

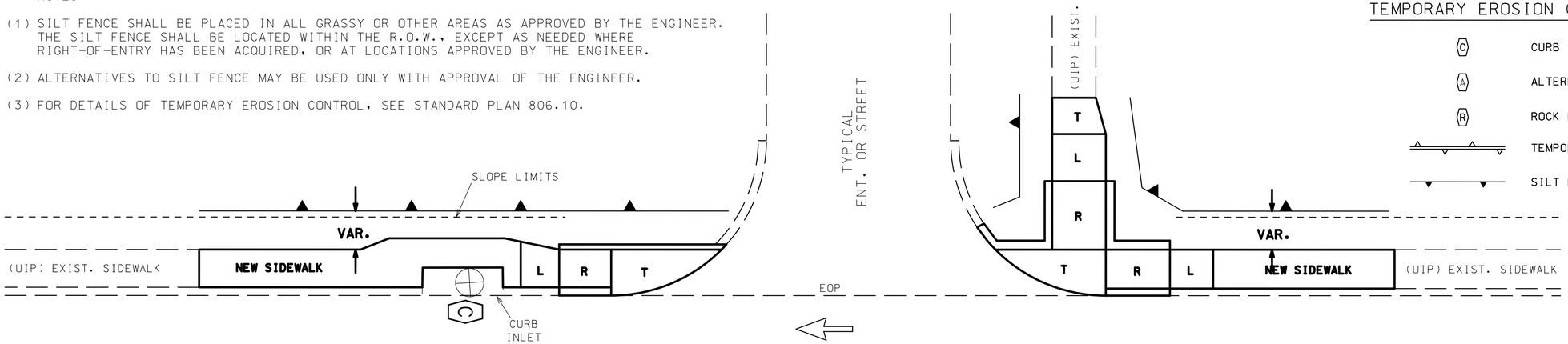
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

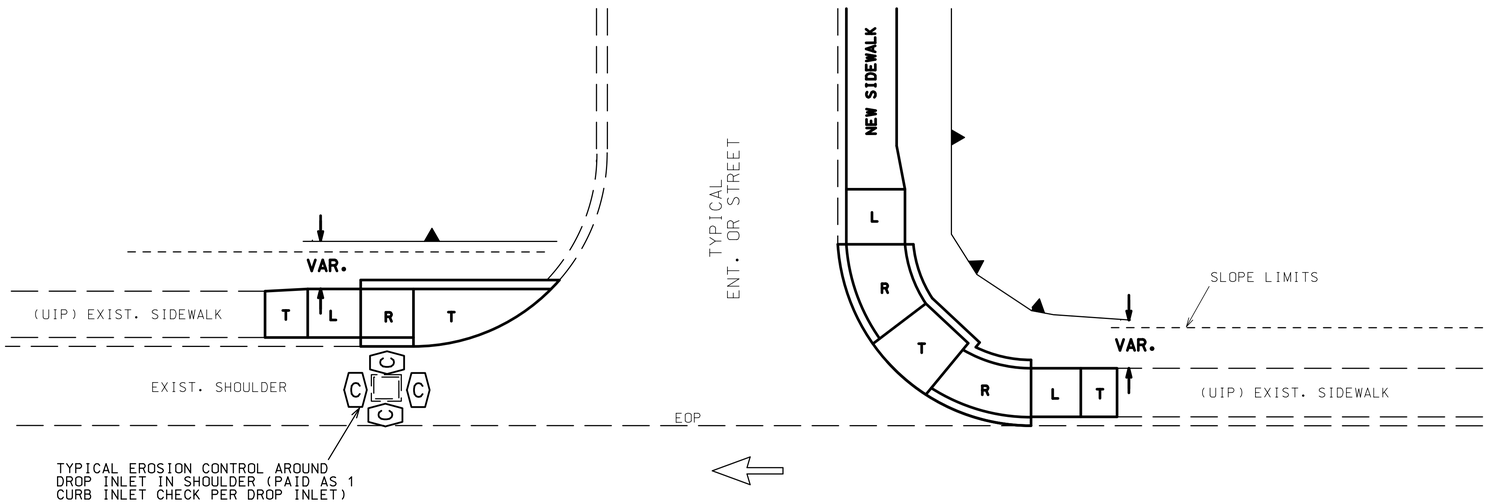
(2) ALTERNATIVES TO SILT FENCE MAY BE USED ONLY WITH APPROVAL OF THE ENGINEER.

(3) FOR DETAILS OF TEMPORARY EROSION CONTROL, SEE STANDARD PLAN 806.10.

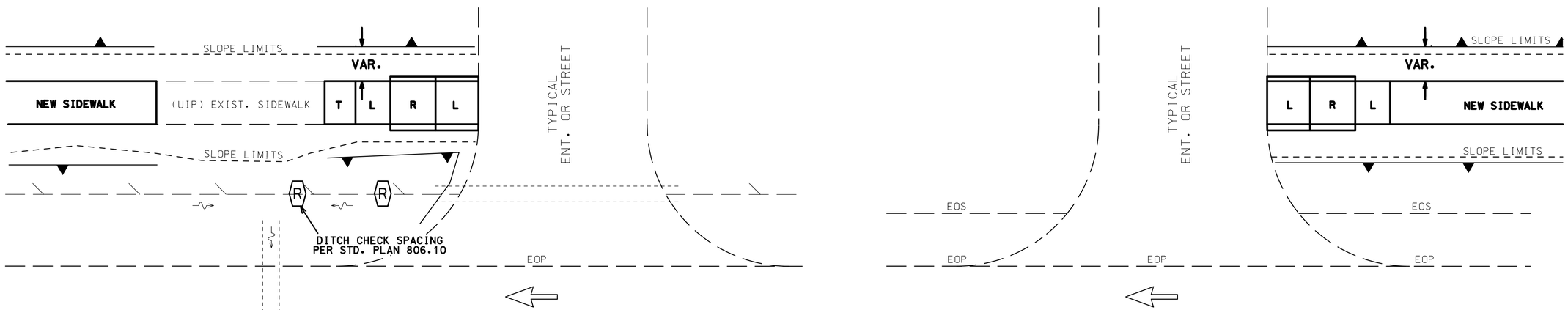
TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (A) ALTERNATE CHECK
- (R) ROCK DITCH CHECK
- TEMPORARY BERM
- SILT FENCE





TYPICAL EROSION CONTROL AROUND DROP INLET IN SHOULDER (PAID AS 1 CURB INLET CHECK PER DROP INLET)



NOT TO SCALE

TYPICAL EROSION CONTROL APPLICATIONS FOR NEW CURB RAMP & SIDEWALK CONSTRUCTION

EROSION CONTROL SHEET
SHEET 1 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER
Cameron Sooy
2026.02.26
10:22:13-06'00'
PROFESSIONAL ENGINEER

02-26-2026 10:22:13
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	41

COUNTY
HENRY

JOB NO.
JSR0338

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)

REVISED: 11-18-2021

NOTES:

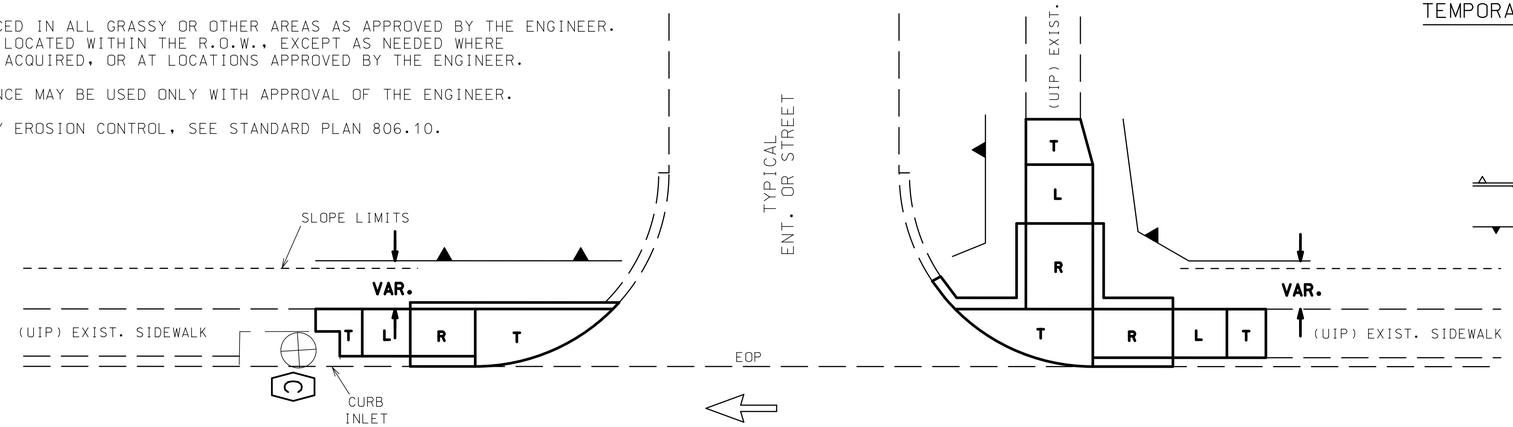
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

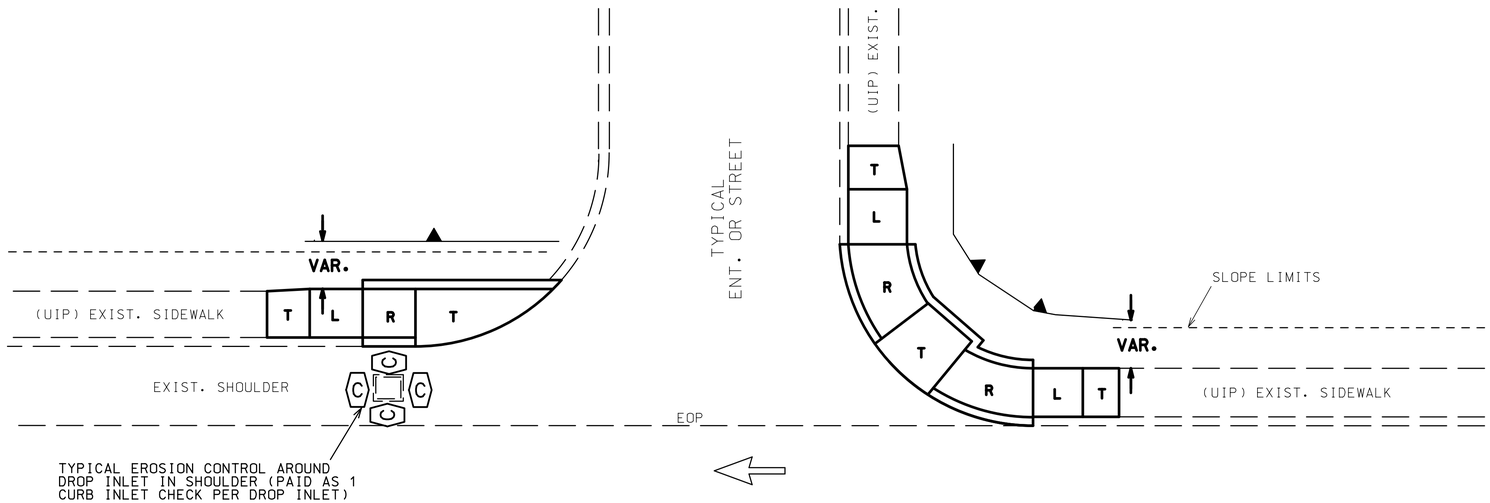
(2) ALTERNATIVES TO SILT FENCE MAY BE USED ONLY WITH APPROVAL OF THE ENGINEER.

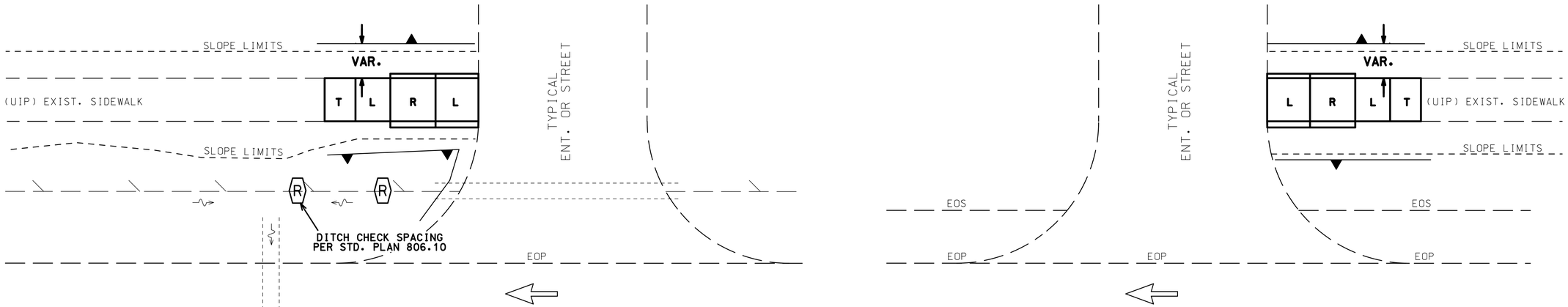
(3) FOR DETAILS OF TEMPORARY EROSION CONTROL, SEE STANDARD PLAN 806.10.

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (A) ALTERNATE CHECK
- (R) ROCK DITCH CHECK
- TEMPORARY BERM
- SILT FENCE







NOT TO SCALE

TYPICAL EROSION CONTROL APPLICATIONS FOR NEW CURB RAMP CONSTRUCTION

EROSION CONTROL SHEET
SHEET 2 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy 2026.02.26 10:22:13-06'00'
02-26-2026 10:22:13
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	42

COUNTY: HENRY
JOB NO.: JSR0338
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)

REVISED: 11-18-2021

NOTES:

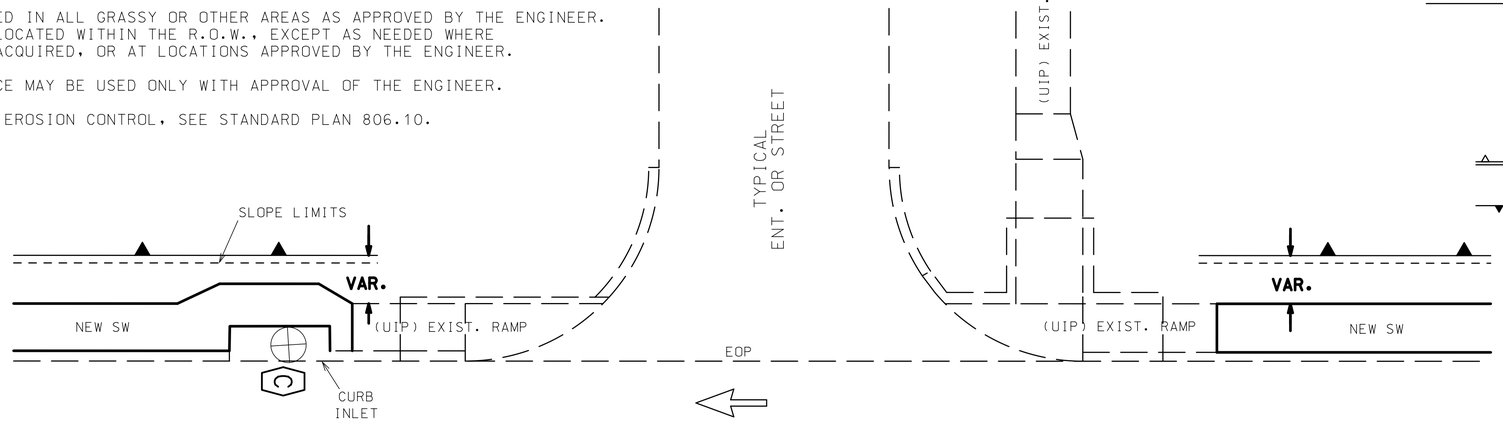
(1) SILT FENCE SHALL BE PLACED IN ALL GRASSY OR OTHER AREAS AS APPROVED BY THE ENGINEER. THE SILT FENCE SHALL BE LOCATED WITHIN THE R.O.W., EXCEPT AS NEEDED WHERE RIGHT-OF-ENTRY HAS BEEN ACQUIRED, OR AT LOCATIONS APPROVED BY THE ENGINEER.

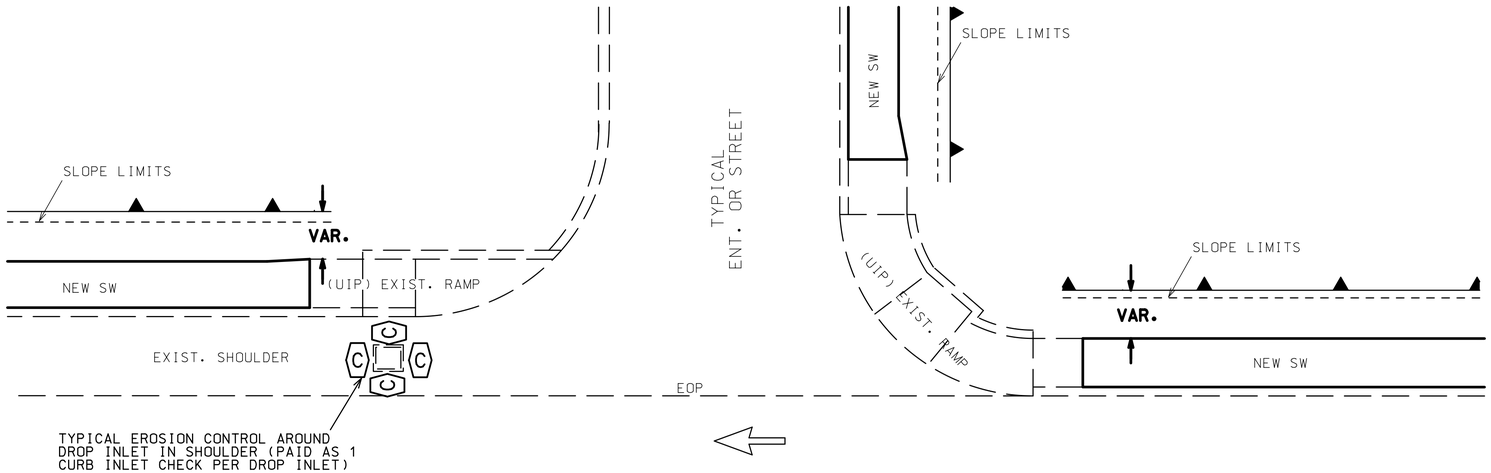
(2) ALTERNATIVES TO SILT FENCE MAY BE USED ONLY WITH APPROVAL OF THE ENGINEER.

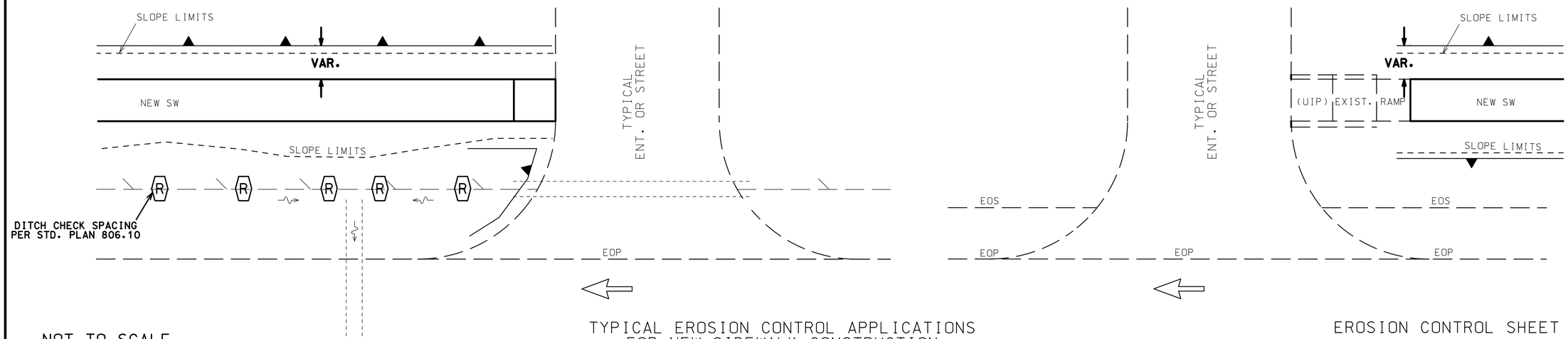
(3) FOR DETAILS OF TEMPORARY EROSION CONTROL, SEE STANDARD PLAN 806.10.

TEMPORARY EROSION CONTROL LEGEND

- (C) CURB INLET CHECK
- (A) ALTERNATE CHECK
- (R) ROCK DITCH CHECK
- TEMPORARY BERM
- SILT FENCE







NOT TO SCALE

TYPICAL EROSION CONTROL APPLICATIONS FOR NEW SIDEWALK CONSTRUCTION

EROSION CONTROL SHEET
SHEET 3 OF 3

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2019015715
PROFESSIONAL ENGINEER
Cameron Sooy 2026.02.26 10:22:14-06'00'
02-26-2026 10:44:14
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED	
2/6/2026	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	43
COUNTY	
HENRY	
JOB NO.	
JSR0338	
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)

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
GL	GREEN LEFT ARROW
YRt	YELLOW RIGHT ARROW
S	GREEN STRAIGHT ARROW
*	ARROW MOUNTED AT 45° ANGLE

ALL 12" LENSES WITH TUNNEL VISOR

W	PEDESTRIAN INDICATIONS SHALL BE LED
DW	COUNTDOWN TYPE.

Δ SIGNS ARE ALSO SHOWN ON SIGNING SHEETS D-30 & D-31.

NOTE:

PROPOSED RADAR DETECTION SYSTEM PROVIDED AND PAID FOR BY THE COMMISSION.

(1) REMOVE EXISTING VIDEO DETECTORS.

TRAFFIC SIGNALS LEGEND

- CONTROLLER
- CONTROLLER (EXISTING)
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- PREFORMED PULL BOX TYPE 1
- PREFORMED PULL BOX TYPE 2
- CONCRETE PULL BOX TYPE 1
- CONCRETE PULL BOX TYPE 2
- ITS PULL BOX TYPE 2
- ITS PULL BOX TYPE 5
- RADAR DETECTOR
- 6 X 6 LOOP DETECTOR
- 6 X 15 LOOP DETECTOR
- 30 X 6 LOOP DETECTOR
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

START STA 79+00.00

EXIST R/W

EXIST CITY R/W

EXIST R/W

EXIST R/W

STA 8+80.24
OFF 51.12'

RELOCATE RISER
(BY OTHERS)

STA 8+78.48
OFF 38.89'

STA 8+70.40
OFF 31.44'

STA 8+80.22
OFF 36.00'

STA 0+21.32
OFF 55.78'

STA 0+30.92
OFF 39.47'

STA 0+41.82
OFF 33.79'

STA 0+32.32
OFF 34.56'

EXIST R/W

START STA 8+00.00

S88°29'52"E

S01°28'38"W

EQUATION:
9+08.50 BK =
0+00.00 AH

80

END CITY R/W
BEGIN MODOT R/W

POT STA 80+13.25

END STA 1+00.00

S88°29'52"E

EXIST CITY R/W

STA 8+71.70
OFF 24.02'

STA 8+75.02
OFF 27.02'

STA 8+77.97
OFF 30.53'

EXIST R/W

S01°32'33"W

EXIST R/W

STA 0+43.24
OFF 33.14'

EXIST R/W

SCALE

0 10 20 30

SIGNAL SHEET
ROUTE 18 & 2ND ST
CLINTON
SHEET 1 OF 6

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:14-06'00'
02-26-2026 10:22:14
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED	
2/6/2026	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	44
COUNTY	
HENRY	
JOB NO.	
JSR0338	
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)

EFFECTIVE: 07-01-2018

| POST NUMBER | PULL BOX NUMBER | LOCATION APPROACH | LOCATION STATION | LOCATION OFFSET | BASE A 9 | BASE A 9.5 | BASE A 10 | BASE A 10.5 | BASE A 11 | BASE A 12 | BASE F 9 | BASE F 9.5 | BASE F 10 | BASE F 10.5 | BASE F 11 | BASE F 12 | BASE C CONCRETE** (CU. YDS.) | PULL BOX PREFORMED CLASS 1 | PREFORMED CLASS 2 | PREFORMED CLASS 3 | PREFORMED CLASS 5 | CONCRETE STANDARD | CONCRETE DOUBLE, TYPE A | CONCRETE DOUBLE, TYPE B | DRAIN TYPE* I | DRAIN TYPE* II A | DRAIN TYPE* II B | DRAIN TYPE* II C | TOP MOUNT POST 4 FT. | TOP MOUNT POST 8 FT. | TOP MOUNT POST 15 FT. | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL ARM LENGTH A | TYPE C & CL SIGNAL SPACING B | TYPE C & CL SIGNAL SPACING C | TYPE C & CL SIGNAL SPACING D | TYPE C & CL SIGNAL SPACING D' | TYPE C & CL SIGN SPACING B | TYPE C & CL SIGN SPACING C | TYPE C & CL SIGN SPACING D | TYPE C & CL SIGN SPACING D' | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL ARM LENGTH E | TYPE B & BL ARM LENGTH K | TYPE B & BL LEFT ARM E SIGNAL SPACING F | TYPE B & BL LEFT ARM E SIGNAL SPACING G | TYPE B & BL LEFT ARM E SIGNAL SPACING H | TYPE B & BL LEFT ARM E SIGNAL SPACING H' | TYPE B & BL LEFT ARM E SIGN SPACING F | TYPE B & BL LEFT ARM E SIGN SPACING G | TYPE B & BL LEFT ARM E SIGN SPACING H | TYPE B & BL LEFT ARM E SIGN SPACING H' | TYPE B & BL RIGHT ARM K SIGNAL SPACING L | TYPE B & BL RIGHT ARM K SIGNAL SPACING M | TYPE B & BL RIGHT ARM K SIGNAL SPACING N | TYPE B & BL RIGHT ARM K SIGNAL SPACING N' | TYPE B & BL RIGHT ARM K SIGN SPACING L | TYPE B & BL RIGHT ARM K SIGN SPACING M | TYPE B & BL RIGHT ARM K SIGN SPACING N | TYPE B & BL RIGHT ARM K SIGN SPACING N' | INCLUDED ANGLE | LUMINAIRE BRACKET ARM* 4 FT. | LUMINAIRE BRACKET ARM* 6 FT. | LUMINAIRE BRACKET ARM* 8 FT. | LUMINAIRE BRACKET ARM* 10 FT. | LUMINAIRE BRACKET ARM* 12 FT. | LUMINAIRE BRACKET ARM* 15 FT. |
|---|---|---

EFFECTIVE: 10-01-2015

CONDUIT (WITH #14 TRACER WIRE)

CABLE

FROM	TO	CENTER TO CENTER DISTANCE	LOOP DET.	TRENCH				PUSHED			MEDIAN			ON STRUCTURE			REMARKS
			1"	2"	3"	4"		2"	3"	4"	2"	3"	4"	2"	3"		
7	5																
7	1	10				26											2 CONDUITS
1	2	67				19				46							
2	1	6				9											
1	7	10				8											
7	10	5				6											
7	9	5				6											
7	6	24				22											
6	2	12				15											
6	5	48				7				40							
5	4	15				13											
4	8	3				4											
4	3	5				8											
4	7	11				12											
4	3	63				13				48							
3	5	4				5											
3	6	5				6											
3	5	14				17											
SUBTOTALS						183				134							
TOTALS						190				140							

FROM	TO	CENTER TO CENTER DISTANCE	POWER		CONTROL				CLOSED LOOP INTERCONNECT	LUMINAIRE		DETECTOR		FIBER		REMARKS
					2c #16	5c #16	7c #16	3c #16	3 PAIR #16	CONTROL 2c #12	POLE & BRACKET 1c #10	RADAR CABLE	2c #14 LEAD-IN CABLE	SINGLE-MODE	MULTI-MODE	
	85	83					113									EXIST PED SIGNAL HEAD
	80	83					116									EXIST TRAFFIC SIGNAL HEAD
	24	83					113									EXIST PED SIGNAL HEAD
	81	102					144									EXIST TRAFFIC SIGNAL HEAD
	30	117					159									EXIST TRAFFIC SIGNAL HEAD
	65	83			112											PED PUSHBUTTON DETECTOR
	66	83			112											PED PUSHBUTTON DETECTOR
	25	24					54									EXIST PED SIGNAL HEAD
	44	24					54									EXIST PED SIGNAL HEAD
	67	25			54											PED PUSHBUTTON DETECTOR
	68	25			54											PED PUSHBUTTON DETECTOR
	20	55					94									EXIST TRAFFIC SIGNAL HEAD
	21	70					118									EXIST TRAFFIC SIGNAL HEAD
	50	85					133									EXIST TRAFFIC SIGNAL HEAD
	45	112					160									PED SIGNAL HEAD
	69	112			159											PED PUSHBUTTON DETECTOR
	65	119					167									PED SIGNAL HEAD
	70	119			166											PED PUSHBUTTON DETECTOR
	40	113					164									EXIST TRAFFIC SIGNAL HEAD
	41	133					193									EXIST TRAFFIC SIGNAL HEAD
	70	148					208									EXIST TRAFFIC SIGNAL HEAD
	64	176					220									PED SIGNAL HEAD
	63	176			220											PED PUSHBUTTON DETECTOR
	84	177					221									PED SIGNAL HEAD
	64	177			221											PED PUSHBUTTON DETECTOR
	60	186					230									EXIST TRAFFIC SIGNAL HEAD
	61	201					245									EXIST TRAFFIC SIGNAL HEAD
	10	216					260									EXIST TRAFFIC SIGNAL HEAD
	83	83										103				RADAR DETECTOR
	186	186										230				RADAR DETECTOR
	55	55										81				RADAR DETECTOR
	113	113										151				RADAR DETECTOR
SUBTOTALS					1098		3166					565				
TOTALS					1100		3170					570 Δ				

Δ FOR INFORMATION ONLY. RADAR DETECTION SYSTEM PROVIDED AND PAID FOR BY THE COMMISSION.

SIGNAL SHEET
ROUTE 18 & 2ND ST
CLINTON
SHEET 3 OF 6

D-37B

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy 2026.02.26 10:22:14-06'00'
02-26-2026 10:22:14
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	46

COUNTY
HENRY

JOB NO.
JSR0338

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)

EFFECTIVE: 04-01-2018

COMMISSION FURNISHED, CONTRACTOR INSTALLED RADAR DETECTION SYSTEM

PAID FOR BY THE COMMISSION

DETECTOR SCHEDULE

DETECTOR NUMBER	APPROACH	TYPE				
		APS PUSH BUTTON	INDUCTION LOOP (2)			RADAR
			STANDARD	DELAY/ EXTEND *	CALL UNIT *	
60	SE QUADRANT	1				
65	SE QUADRANT	1				
67	NE QUADRANT	1				
68	NE QUADRANT	1				
69	NW QUADRANT	1				
70	NW QUADRANT	1				
63	SW QUADRANT	1				
64	SW QUADRANT	1				
Ø4/Ø7	WB ON POST 1					1
Ø2/Ø5	NB ON POST 2					1
Ø3/Ø8	EB ON POST 6					1
Ø1/Ø6	SB ON POST 8					1
	TOTAL	8				4Δ

* 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.

Δ FOR INFORMATION ONLY. RADAR DETECTION SYSTEM PROVIDED AND PAID FOR BY THE COMMISSION.

SIGNAL SIGNS

QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA ITEM NO. 90208.33	SIGNAL SIGN MOUNTING HARDWARE 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		
	D3-1 ***	VAR. X 18			
	D3-1B ***	VAR. X 18			
4	R10-3EL	9 X 15	0.9	3.6	
4	R10-3ER	9 X 15	0.9	3.6	
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
	R10-27A	30 X 36	7.5		
			SUBTOTAL	7.2	
			TOTAL	8	

STATE OF MISSOURI
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NUMBER PE-2021019715
Cameron Sooy
2026.02.26 10:22:14-06'00'
PROFESSIONAL ENGINEER
02-26-2026 10:22:14
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	47

COUNTY
HENRY

JOB NO.
JSR0338

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

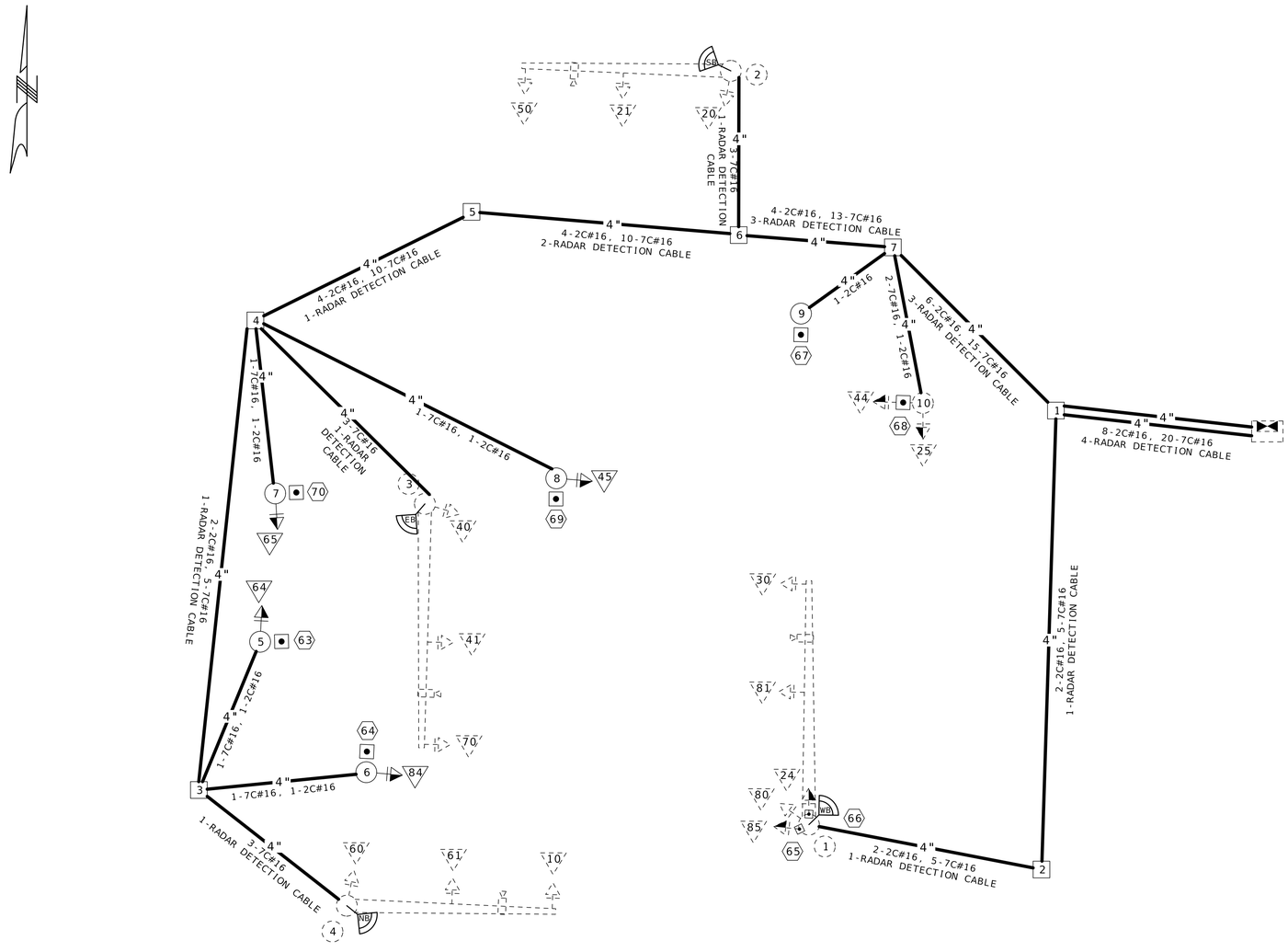
DESCRIPTION	DATE

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

SIGNAL SHEET
ROUTE 18 & 2ND ST
CLINTON
SHEET 4 OF 6

EFFECTIVE: 12-01-2017

WIRING DIAGRAM



DRAWING NOT TO SCALE

LEGEND

- 3" — CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-Xc — MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC — #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X — PULL BOX WITH NUMBER
- X — POST WITH NUMBER
- X — POST WITH MAST ARM
- X — POST WITH MAST ARM AND LUMINAIRE
- X — DETECTOR WITH NUMBER
- X — SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER
- PUSH BUTTON DETECTOR
- VIDEO DETECTOR
- RADAR DETECTOR

STATE OF MISSOURI
CAMERON SOOY
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Cameron Sooy
2026.02.26
10:22:14-06'00'
02-26-2026 10:22:14
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED: 2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	48

COUNTY: HENRY
JOB NO.: JSR0338
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)

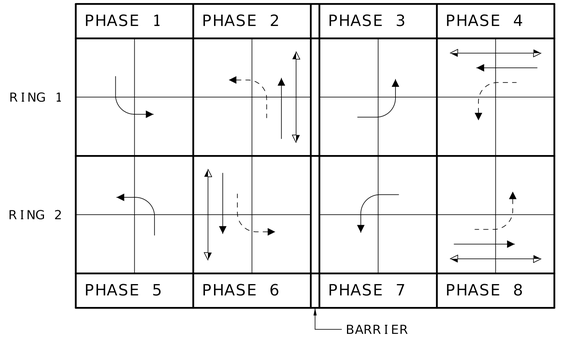
SIGNAL SHEET
ROUTE 18 & 2ND ST
CLINTON
SHEET 5 OF 6

D-37D

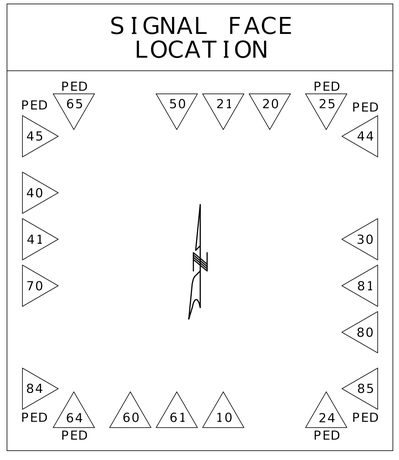
EFFECTIVE: 12-01-2017

TRAFFIC PHASING AND COLOR SEQUENCE - ACTUATED CONTROLLERS

		PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PED Ø 2 OVERLAP	PED Ø 4 OVERLAP	PED Ø 6 OVERLAP	PED Ø 8 OVERLAP	
FACE NUMBERS		10	21	30	41	50	61	70	81	25	45	65	85	FACE NUMBERS
			20		40		60		80	24	44	64	84	
SIGNAL INDICATIONS	R	R	R	R	R	R	R	R	R	W	W	W	W	R
	Y	YL		YL		YL		YL						Y
		Y	Y	Y	Y	Y	Y	Y	Y					SIGNAL INDICATIONS
	G	L		L		L		L						G
		G	G	G	G	G	G	G	G	DW	DW	DW	DW	
DETECTOR ASSIGNMENTS		10	50	30	70	50	10	70	30					DETECTOR ASSIGNMENTS
									DETECTOR ASSIGNMENTS (PEDS. ONLY)	25 24	45 44	65 64	85 84	
									OVERLAP PARENT PHASES					



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
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 DIRECTIONS	FR
	FY

CONTROLLER TYPE	NEMA

TRAFFIC SIGNAL CONTROL OPERATION

INTERSECTION OF ROUTE 18

WITH 2ND STREET

SIGNAL SHEET
ROUTE 18 & 2ND ST
CLINTON
SHEET 6 OF 6

D-38A

STATE OF MISSOURI
CAMERON SOOY
NUMBER 2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:14-06'00'
02-26-2026 10:22:14
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	49

COUNTY
HENRY

JOB NO.
JSR0338

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)

SIGNS						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS * *				U CHANNEL POST	PERFORATED SQUARE STEEL TUBE													
902 SIGNAL SIGNS TABULATED ON D-37A SHEET																							2 INCH POST								2.5 INCH POST				
SIGN NO.	SIGN SIZE	LOG MILE or STATION	HORIZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X 3/8" BARS AT 2.55 LBS PER FT NO.	LGTH	TOTAL	TOTAL	TOTAL ITEM NO. 9031250A	POST NO.1	POST NO.2	POST NO.3	TOTAL ITEM NO. 9031270A	ANCHORS DRIVEN 12 GA. ITEM NO. 9031271A	ANCHORS DRIVEN 7 GA. ITEM NO. 9031273A	ANCHORS CONCRETE 7 GA. ITEM NO. 9031274	POST NO.1	POST NO.2	POST NO.3	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	ANCHORS DRIVEN 7 GA. ITEM NO. 9031281A	ANCHORS CONCRETE 7 GA. ITEM NO. 9031285	BREAK-AWAY ASSEMBLY ITEM NO. 9031241
						CY		LF	LF	LF		LBS	IN	LF	LF		LBS	EACH	IN	LF	LBS	LF	LF	LF	LF	LF	EACH	EACH	EACH	LF	LF	LF	LF	EACH	EACH	EACH	EACH
1	ASSEMBLY	47+89		RT, RTE. WW, WINDSOR																										16			16			1	1
2	ASSEMBLY	52+84		RT, RTE. WW, WINDSOR																										16			16			1	1
2A	ASSEMBLY	52+95		LT, RTE. WW, WINDSOR																										16			16			1	1
3	ASSEMBLY	58+19		RT, RTE. WW, WINDSOR																										16			16			1	1
3A	ASSEMBLY	58+31		LT, RTE. WW, WINDSOR																										16			16			1	1
3B	ASSEMBLY	59+31		LT, RTE. WW, WINDSOR																										16			16			1	1
4	ASSEMBLY	42+53		LT, RTE. 52, WINDSOR																										16			16			1	1
5	ASSEMBLY	43+53		LT, RTE. 52, WINDSOR																										16			16			1	1
6	ASSEMBLY	43+65		RT, RTE. 52, WINDSOR																										16			16			1	1
7	ASSEMBLY	46+37		LT, RTE. 52, WINDSOR																										16			16			1	1
8	ASSEMBLY	48+15		LT, RTE. 52, WINDSOR																										16			16			1	1
9	ASSEMBLY	48+24		LT, RTE. 52, WINDSOR																										16			16			1	1
10	ASSEMBLY	51+50		LT, RTE. 52, WINDSOR																										16			16			1	1
11	ASSEMBLY	52+06		RT, RTE. 52, WINDSOR																										16			16			1	1
12	ASSEMBLY	56+90		RT, RTE. 52, WINDSOR																										16			16			1	1
13	ASSEMBLY	60+97		LT, RTE. 52, WINDSOR																										16			16			1	1
14	ASSEMBLY	61+07		RT, RTE. 52, WINDSOR																										16			16			1	1
15	ASSEMBLY	62+08		RT, RTE. 52, WINDSOR																										16			16			1	1
16	ASSEMBLY	LM 44.0130		RT, RTE. 52 MONTROSE																										16			16			1	1
17	ASSEMBLY	LM 44.0964		RT, RTE. 52, MONTROSE																										16			16			1	1
18	ASSEMBLY	LM 44.2511		RT, RTE. 52, MONTROSE																										16			16			1	1
19	ASSEMBLY	LM 44.2534		LT, RTE. 52, MONTROSE																										16			16			1	1
20	ASSEMBLY	LM 44.4599		LT, RTE. 52, MONTROSE																										16			16			1	1
21	ASSEMBLY	217+68		RT, RTE. 18, CLINTON																										16			16			1	1
22	ASSEMBLY	217+77		LT, RTE. 18, CLINTON																										16			16			1	1
23	ASSEMBLY	226+86		RT, RTE. 18, CLINTON																										16			16			1	1
24	ASSEMBLY	227+64		LT, RTE. 18, CLINTON																										16			16			1	1
25	ASSEMBLY	2+63		RT, RTE. 18, CLINTON																										16			16			1	1
26	ASSEMBLY	3+34		LT, RTE. 18, CLINTON																										16			16			1	1
27	ASSEMBLY	4+47		RT, RTE. 18, CLINTON																										16			16			1	1
28	ASSEMBLY	5+13		LT, RTE. 18, CLINTON																										16			16			1	1
29	ASSEMBLY	18+67		RT, RTE. 18, CLINTON																										16			16			1	1
30	ASSEMBLY	18+91		LT, RTE. 18, CLINTON																										16			16			1	1
31	36X48	25+66		LT, RTE. 18, CLINTON																										16			16			1	1
32	ASSEMBLY	26+68		RT, RTE. 18, CLINTON																										16			16			1	1
33	ASSEMBLY	26+81		LT, RTE. 18, CLINTON																										16			16			1	1
34	ASSEMBLY	31+43		RT, RTE. 18, CLINTON																										16			16			1	1
35	ASSEMBLY	31+50		LT, RTE. 18, CLINTON																										16			16			1	1
36	ASSEMBLY	32+50		LT, RTE. 18, CLINTON																										16			16			1	1
				SUBTOTAL		0						0.00					0				0	0			0	0	0	0				624	0	0	39	39
				TOTAL		0						0					0				**	0			0	0	0	0				624	0	0	39	39

SIGNING SHEET
1 OF 2

D-29

STATE OF MISSOURI
CAMERON SOOY
NUMBER -2021019715
Cameron Sooy
2026.03.11
09:52:27-05'00'
PROFESSIONAL ENGINEER

03-11-26V0 9:2C:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
3/11/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	50

COUNTY
HENRY

JOB NO.
JSR0338

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)

STANDARD SIGN ASSEMBLIES

SIGN NO.	LOG MILE OR STATION	LOCATION	STANDARD SIGN TYPE & NUMBER OF EACH				
			W11-2	W16-7P	S1-1	R2-1	W16-9P
1	47+89	RT, RTE. WW, WINDSOR	1				1
2	52+84	RT, RTE. WW, WINDSOR	1	1			
2A	52+95	LT, RTE. WW, WINDSOR	1	1			
3	58+19	RT, RTE. WW, WINDSOR	1	1			
3A	58+31	LT, RTE. WW, WINDSOR	1	1			
3B	59+31	LT, RTE. WW, WINDSOR	1				1
4	42+53	LT, RTE. 52, WINDSOR	1				1
5	43+53	LT, RTE. 52, WINDSOR	1	1			
6	43+65	RT, RTE. 52, WINDSOR	1	1			
7	46+37	LT, RTE. 52, WINDSOR			1		1
8	48+15	LT, RTE. 52, WINDSOR	1	1			
9	48+24	LT, RTE. 52, WINDSOR	1	1			
10	51+50	LT, RTE. 52, WINDSOR		1	1		
11	52+06	RT, RTE. 52, WINDSOR		1	1		
12	56+90	RT, RTE. 52, WINDSOR			1		1
13	60+97	LT, RTE. 52, WINDSOR	1	1			
14	61+07	RT, RTE. 52, WINDSOR	1	1			
15	62+08	RT, RTE. 52, WINDSOR	1				1
16	LM 44.0130	RT, RTE. 52 MONTROSE			1		1
17	LM 44.0964	RT, RTE. 52, MONTROSE			1		1
18	LM 44.2511	RT, RTE. 52, MONTROSE		1	1		
19	LM 44.2534	LT, RTE. 52, MONTROSE		1	1		
20	LM 44.4599	LT, RTE. 52, MONTROSE			1		1
21	217+68	RT, RTE. 18, CLINTON	1	1			
22	217+77	LT, RTE. 18, CLINTON	1	1			
23	226+86	RT, RTE. 18, CLINTON	1	1			
24	227+64	LT, RTE. 18, CLINTON	1	1			
25	2+63	RT, RTE. 18, CLINTON	1	1			
26	3+34	LT, RTE. 18, CLINTON	1	1			
27	4+47	RT, RTE. 18, CLINTON	1	1			
28	5+13	LT, RTE. 18, CLINTON	1	1			
29	18+67	RT, RTE. 18, CLINTON		1	1		
30	18+91	LT, RTE. 18, CLINTON		1	1		
31	25+66	LT, RTE. 18, CLINTON				1	
32	26+68	RT, RTE. 18, CLINTON	1	1			
33	26+81	LT, RTE. 18, CLINTON	1	1			
34	31+43	RT, RTE. 18, CLINTON	1	1			
35	31+50	LT, RTE. 18, CLINTON	1	1			
36	32+50	LT, RTE. 18, CLINTON	1				1
		NO. OF STD SIGNS	27	28	11	1	10

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN	SIGN DETAIL SHEET NO.	NO. EACH	SIGN SIZE & TYPE & SQUARE FEET				
			SIGN SIZE INCHES	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A
PEDESTRAIN CROSSING	W11-2	27	36 " X 36"		243		
DOWN ARROW	W16-7P	28	30" X 18"		105		
SCHOOL ADVANCE	S1-1	11	36" X 36"		99		
SPEED LIMIT 35	R2-1	1	36" X 48"	12			
AHEAD	W16-9P	10	36" X 12"		30		
			TOTALS	12	477	0	0
			USE	12	477	0	0

*ORANGE, YELLOW AND YELLOW-GREEN

SIGNING SHEET
2 OF 2

D-30

STATE OF MISSOURI
CAMERON SOOY
NUMBER -2021019715
Cameron Sooy
2026.03.11 09:52:27-05'00'
PROFESSIONAL ENGINEER
03-11-26V0 9:3C:27
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
3/11/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	51

COUNTY
HENRY

JOB NO.
JSR0338

CONTRACT ID.

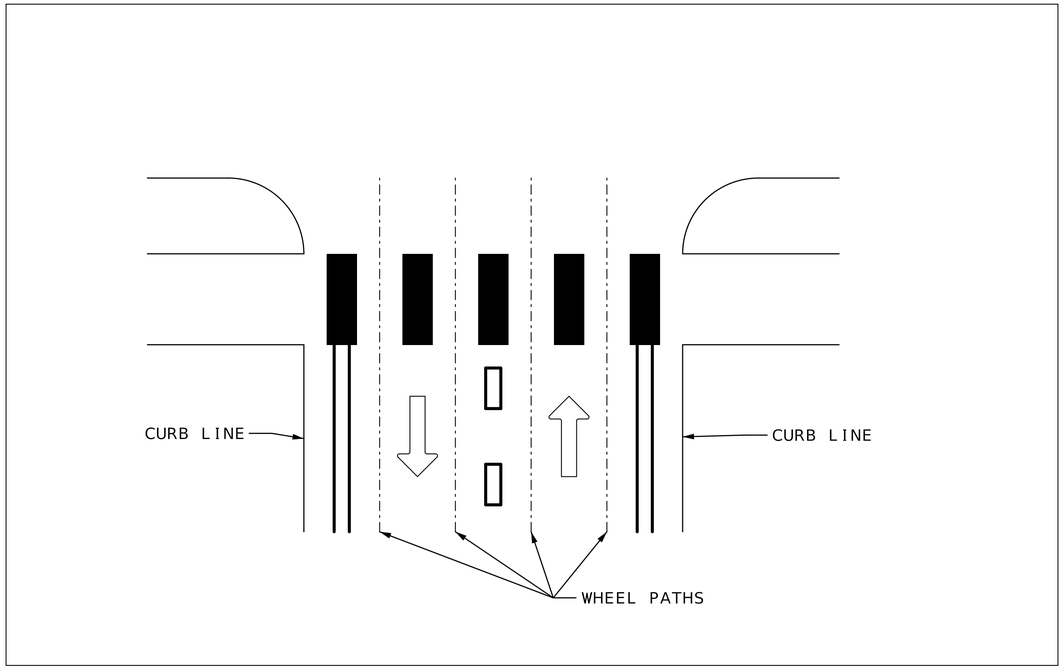
PROJECT NO.

BRIDGE NO.

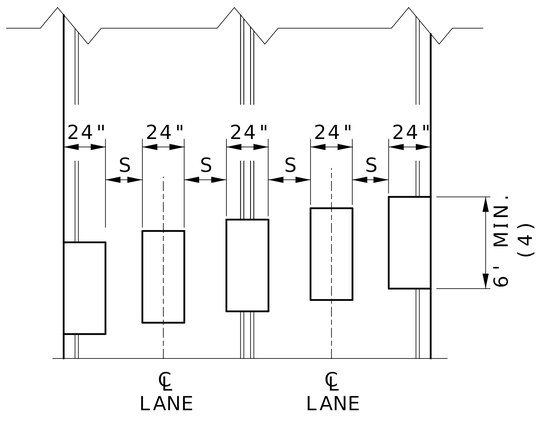
DESCRIPTION	DATE

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

PEDESTRIAN CROSSING EXAMPLE



NOTES:
SEE STANDARD PLANS 620.00 FOR SPACING REQUIREMENTS.
MIDBLOCK SPACING DOES NOT HAVE TO BE EQUAL THROUGHOUT THE CROSSWALK RUN.
SPACING CAN VARY TO ELIMINATE MIDBLOCKS BEING IN THE WHEEL PATH.
MIDBLOCKS SHOULD EXTEND FROM CURB TO CURB AND CAN BE PLACED IN THE GUTTER
HALF BLOCKS MAY BE USED AT CURBS WHERE FULL BLOCKS WILL NOT FIT.



"S" SPACING TO AVOID WHEEL PATHS BUT SHALL NOT EXCEED 48". IF SHOULDERS EXIST, THE PATTERN SHALL EXTEND TO THE CURB ADDING BARS AS NEEDED.

LONGITUDINAL BAR CROSSWALK	
NUMBER OF 10'-12' LANES	NUMBER OF 24" WHITE BARS
1	3
2	5
3	7
4	9
5	11

NOT TO SCALE

PAVEMENT MARKING
SHEET 1 OF 1

STATE OF MISSOURI
CAMERON SOOY
NUMBER PE-2021019715
PROFESSIONAL ENGINEER
Cameron Sooy
2026.02.26
10:22:15-06'00'

02-26-2026 10:22:15
CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
2/6/2026

ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
SW	52

COUNTY
HENRY

JOB NO.
JSR0338

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)