

DESIGN DESIGNATION

A.D.T. - 2022 = 4.229
A.D.T. - 2042 = 5.161
D.H.V. = 7.38%
D = 49.99%
TRUCKS = 7.28%
V = 55 MPH

FUNCTIONAL CLASSIFICATION = MAJOR COLLECTOR

NO ADDITIONAL RIGHT OF WAY

CONVENTIONAL SYMBOLS (USED IN PLANS)		EXISTING	NEW
BUILDINGS AND STRUCTURES			
GUARD RAIL			
GUARD CABLE			
CONCRETE RIGHT-OF-WAY MARKER			
STEEL RIGHT-OF-WAY MARKER			
LOCATION SURVEY MARKER			
UTILITIES			
FIBER OPTICS	-FO-	-FO-	
OVERHEAD CABLE TV	-OTV-	-OTV-	
UNDERGROUND CABLE TV	-UTV-	-UTV-	
OVERHEAD TELEPHONE	-OT-	-OT-	
UNDERGROUND TELEPHONE	-UT-	-UT-	
OVERHEAD POWER	-OE-	-OE-	
UNDERGROUND POWER	-UE-	-UE-	
SANITARY SEWER	-S-	-S-	
STORM SEWER	-SS-	-SS-	
GAS	-G-	-G-	
WATER	-W-	-W-	
MANHOLE			
FIRE HYDRANT			
WATER VALVE			
WATER METER			
DROP INLET			
DITCH BLOCK			
GROUND MOUNTED SIGN			
LIGHT POLE			
H-FRAME POWER POLE			
TELEPHONE PEDESTAL			
FENCE			
CHAIN LINK			
WOVEN WIRE			
GATE POST			
BENCHMARK			

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED

STATE HIGHWAY

ROUTE T

STODDARD/BUTLER/WAYNE COUNTIES

FINAL PLANS

The map illustrates the proposed improvements for Missouri State Highway Route T, spanning Stoddard, Butler, and Wayne counties. The project limits are defined by log mile markers 0.000 (begin project) and 19.437 (end project). The improvements are categorized into three main sections: Pavement Improvements and Guardrail Improvements (from log mile 0.000 to 7.550), Overlay and Shoulders (from log mile 7.550 to 8.200), and Overlay (from log mile 8.200 to 19.437). The map shows the route of the highway, with a dashed line indicating the boundary between Wayne County and Butler County. Key features include Wappapello Lake, a bridge labeled 'D', and a specific location marked 'A8763'. A note indicates an exception from log mile 8.200 to 8.587.

PROJECT LIMITS

PAVEMENT IMPROVEMENTS, GUARDRAIL IMPROVEMENTS

OVERLAY AND SHOULDERS

OVERLAY

END PROJECT
LOG MILE 19.437

BEGIN PROJECT
LOG MILE 0.000

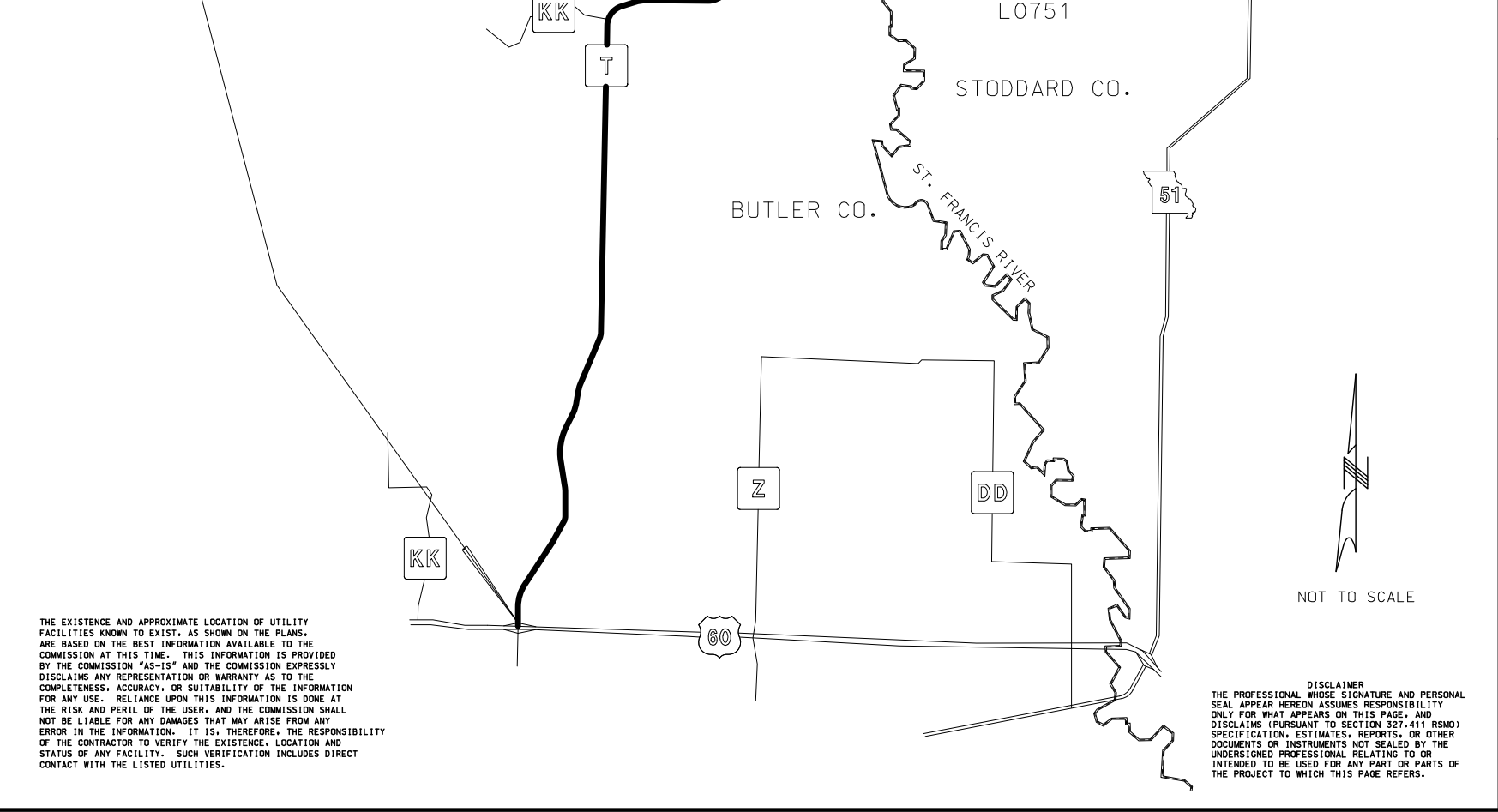
LOG MILE 7.550

WAYNE CO.

WAPPAPELLO LAKE

LOG MILE 8.200 TO LOG MILE 8.587 (EXCEPTION)


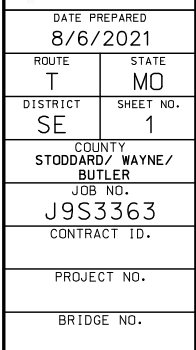
A8763



INDEX OF SHEETS	
DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (2 SHEETS) --	2
QUANTITIES (QU) (3 SHEETS) -----	3
SPECIAL SHEETS (SS) -----	4-12
TRAFFIC CONTROL SHEETS (TC)-----	13-17

LENGTH OF PROJECT

<u>ROUTE T</u>		
BEGINNING	LOG MILE	0.000
END OF PROJECT	LOG MILE	19.437
APPARENT LENGTH		102.627.4 FEET
EQUATIONS AND EXCEPTIONS		
BRIDGE A8763		82.7 FEET
LOG MILE 8.200 TO LOG MILE 8.587		2.043.4 FEET
TOTAL CORRECTIONS	2,126.1	FEET
NET LENGTH OF PROJECT	100,501.3	FEET
STATE LENGTH	19.034	MILES



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



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

APPLICATION RATES (FOR INFORMATIONAL PURPOSES ONLY)		
SL W/PG 64-22	2.034	TON/CY
BP-2 W/PG 64-22	2.040	TON/CY
TACK COAT	0.08	GAL/SY
GRAVEL OR STONE	1.40	TON/CY

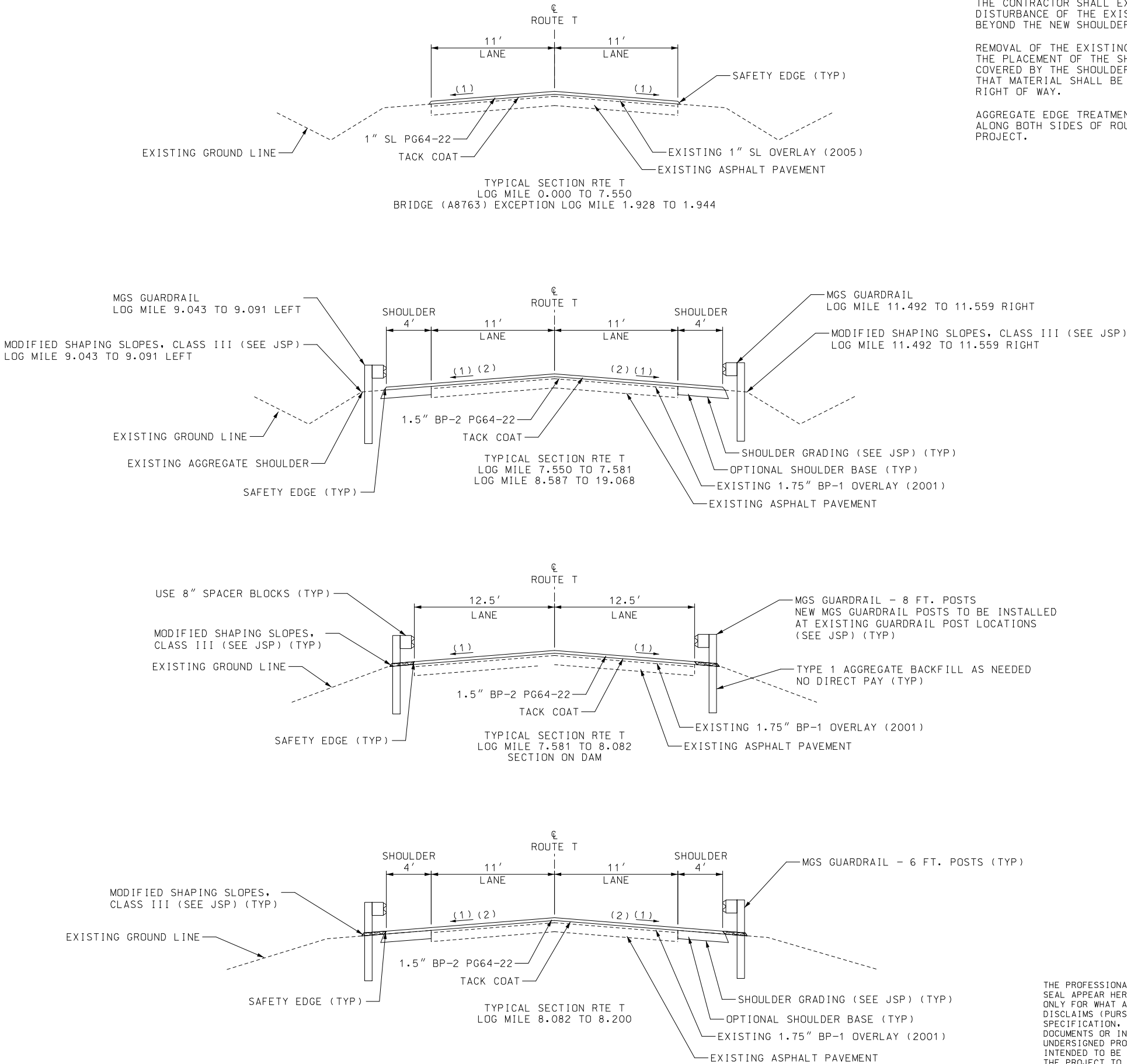
OPTIONAL SHOULDER BASE

4" BP-2 PG64-22
OR
4" ROLLER COMPACTED CONCRETE (RCC)

SHOULDER GRADING SHALL BE PAID PER
100 LF ALONG EACH SIDE OF ROUTE T

NOTES:

- (1) MATCH EXISTING PAVEMENT CROSS-SLOPE
- (2) OVERLAY SHALL BE PLACED IN ONE
CONTINUOUS LAYER COVERING THE LANE AND
ADJACENT SHOULDER WITHOUT A LONGITUDINAL
CONSTRUCTION JOINT



DRAWING NOT TO SCALE. FOLLOW DIMENSIONS

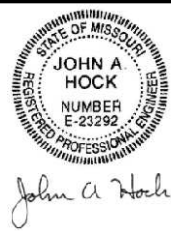
GENERAL NOTES:

THE CONTRACTOR SHALL EXERCISE CARE TO MINIMIZE
DISTURBANCE OF THE EXISTING AGGREGATE SHOULDER
BEYOND THE NEW SHOULDER.

REMOVAL OF THE EXISTING SHOULDER MATERIAL FOR
THE PLACEMENT OF THE SHOULDER BASE SHALL BE
COVERED BY THE SHOULDER GRADING PAY ITEM AND
THAT MATERIAL SHALL BE COMPLETELY REMOVED FROM
RIGHT OF WAY.

AGGREGATE EDGE TREATMENT SHALL BE PROVIDED
ALONG BOTH SIDES OF ROUTE T FOR THE ENTIRE
PROJECT.

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



DATE PREPARED 8/6/2021	
ROUTE T	STATE MO
DISTRICT SE	SHEET NO. 2
COUNTY STODDARD/ WAYNE/ BUTLER	
JOB NO. J9S3363	
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

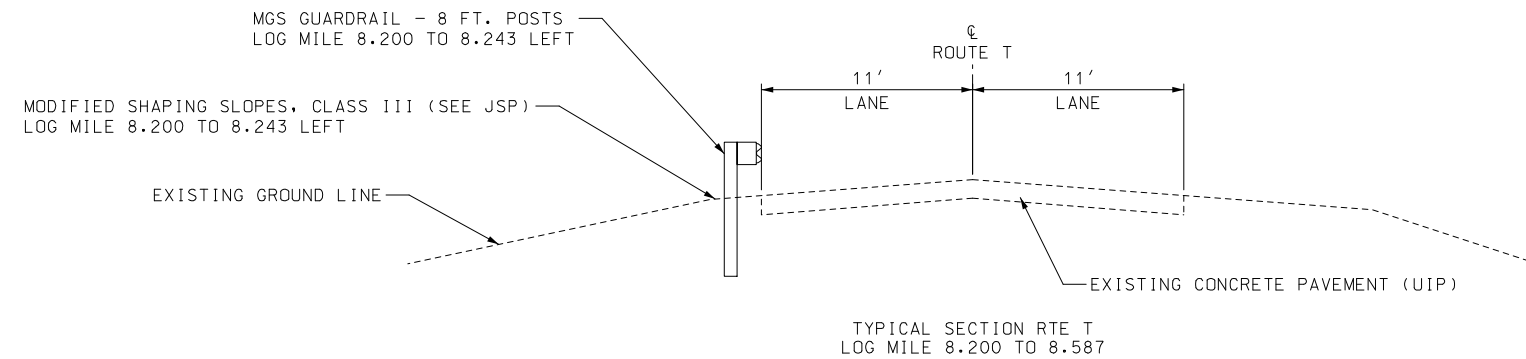
ACCESS
ENGINEERING
LLC

11820 TESSON FERRY ROAD
SUITE 203
ST. LOUIS, MO 63128
(314) 849-8445

#000172588
CIVIL ENGINEERING
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TYPICAL
SECTIONS
SHEET 1 OF 2

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



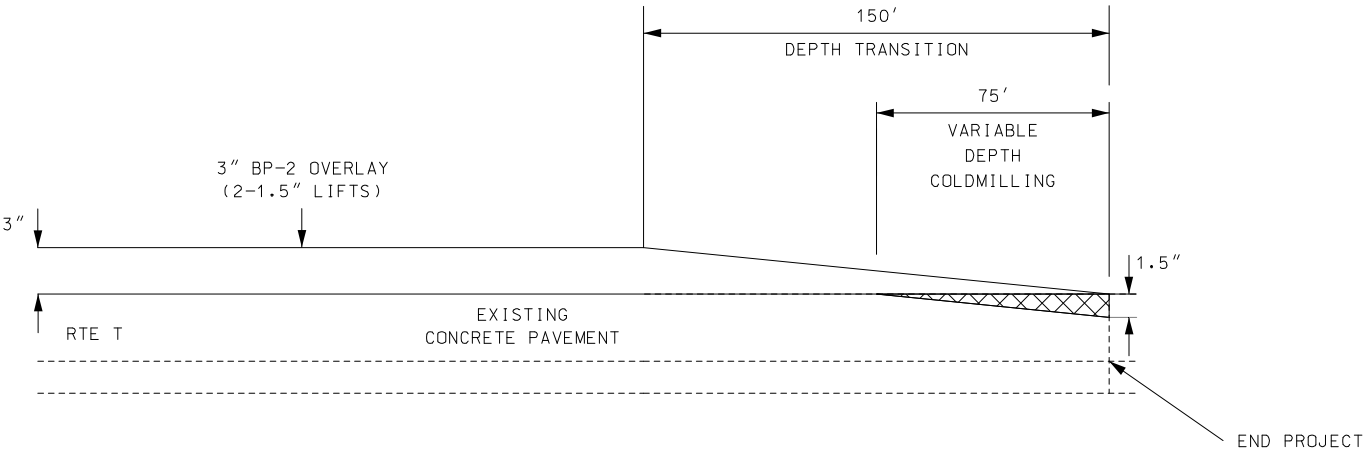
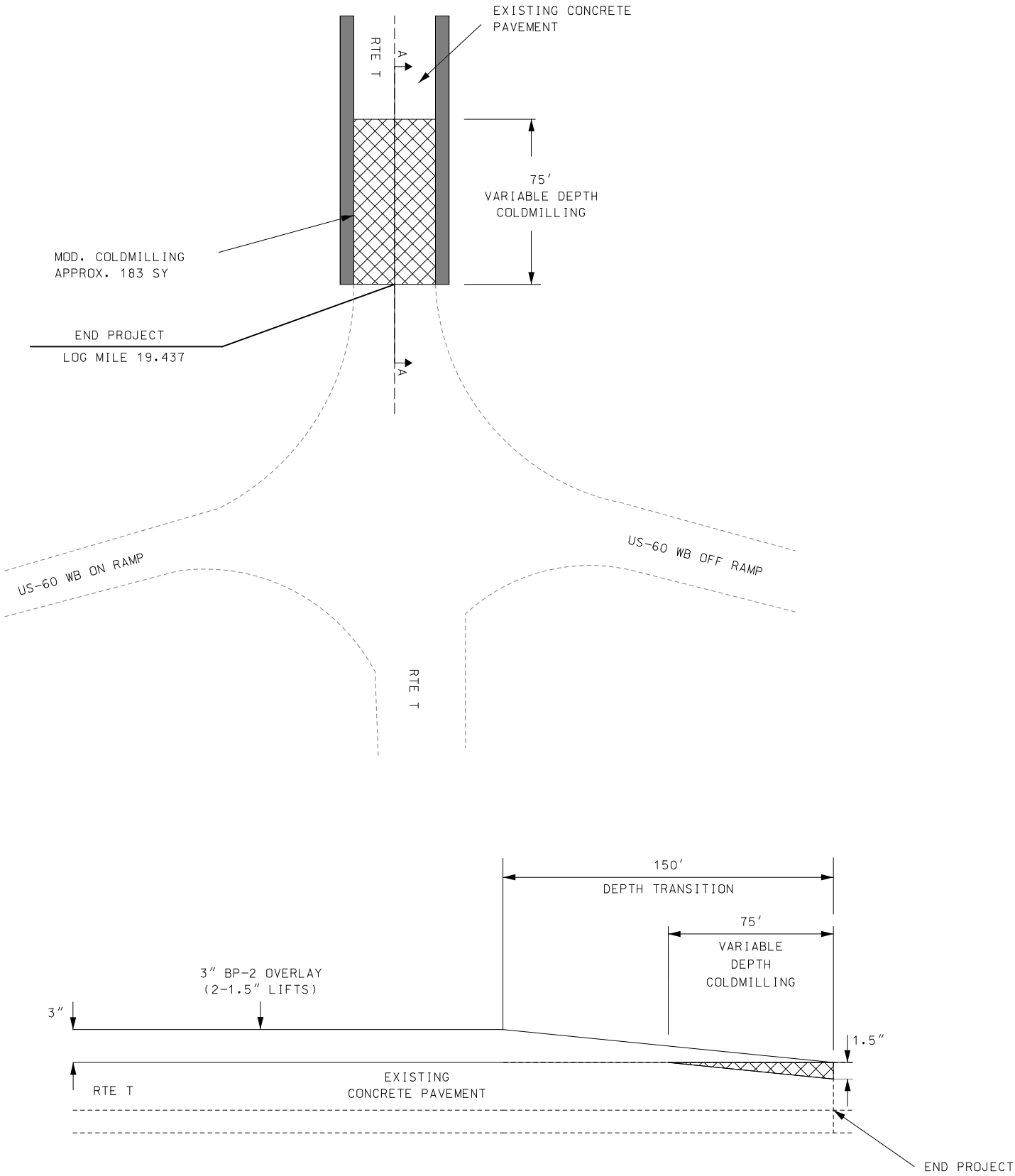
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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


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END OF PROJECT
LOG MILE 19.437



TYPICAL
SECTION A-A

-  MILL AND OVERLAY
-  SHOULDER
-  VARIABLE DEPTH COLDMILLING

LOG MILE LOCATIONS APPROXIMATE
ADJUST AS DIRECTED BY ENGINEER
TO FIT FIELD CONDITIONS.

STATE OF MISSOURI

JOHN A HOCK

REGISTERED PROFESSIONAL ENGINEER


NUMBER E-23292

John A Hock


DATE PREPARED 8/6/2021	
ROUTE T	STATE MO
DISTRICT SE	SHEET NO. 5
COUNTY STODDARD/ WAYNE/ BUTLER	
JOB NO. J9S3363	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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JEFFERSON CITY, MO 65102
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The diagram illustrates a cross-section of a road surface. A horizontal dimension line at the top indicates a 75-foot section labeled "VARIABLE DEPTH COLDMILLING". Below this, a hatched area represents the coldmilling, which tapers from a 1.5-inch depth on the left to zero on the right. To the left of the taper is a section labeled "RTE D" with a 1.5-inch depth. To the right is a section labeled "RTE T" with a 1.5-inch depth. A label "1.5\" BP-2 OVERLAY" points to the top surface of the hatched area.

The diagram illustrates a cross-section of a road shoulder and pavement structure. On the left, a 4' shoulder is shown. The main pavement structure consists of a 1.5" BP-2 overlay on top of a base layer. The base layer has a thickness of 1.5" on the left and tapers to 1" on the right. A 25' thickness transition zone is indicated between the base layer and the overlay. The overlay has a thickness of 1" on the right. The base layer is labeled 'RTE T' and the overlay is labeled 'RTE T'. The top surface is labeled '1" SURFACE LEVELING'.

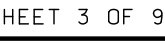


OVERLAY

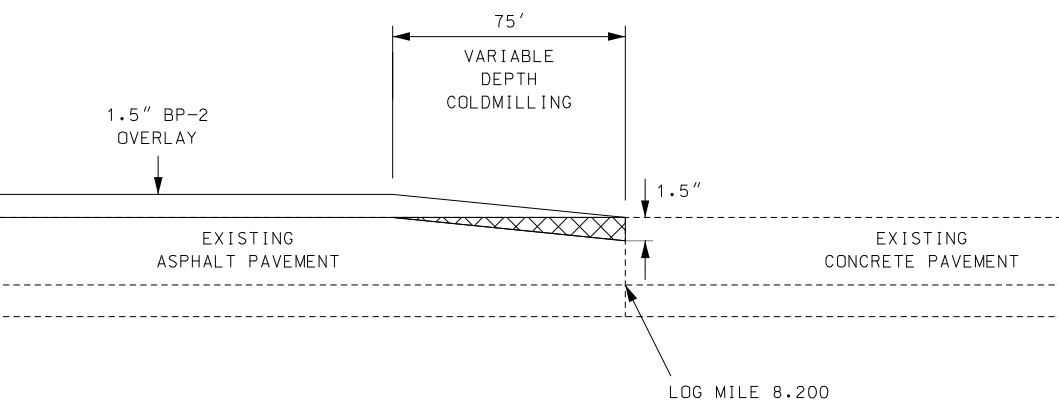
SHOULDER




VARIABLE DEPTH COLD MILLING

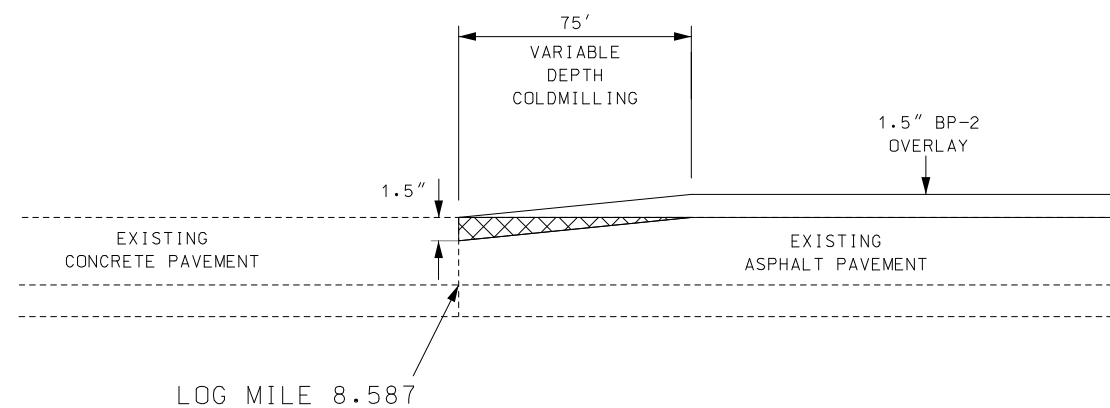
DRAWING NOT TO SCALE



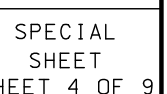
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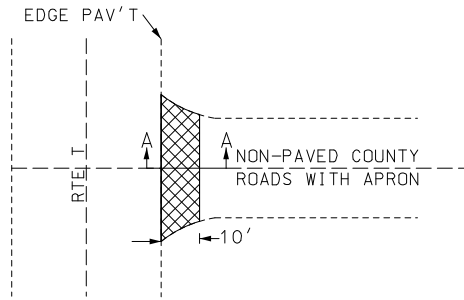
	MILL AND OVERLAY
	SHOULDER
	VARIABLE DEPTH COLDMILLING



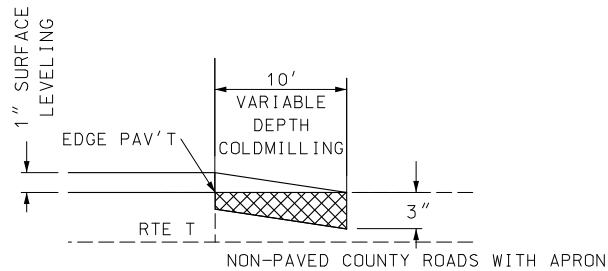
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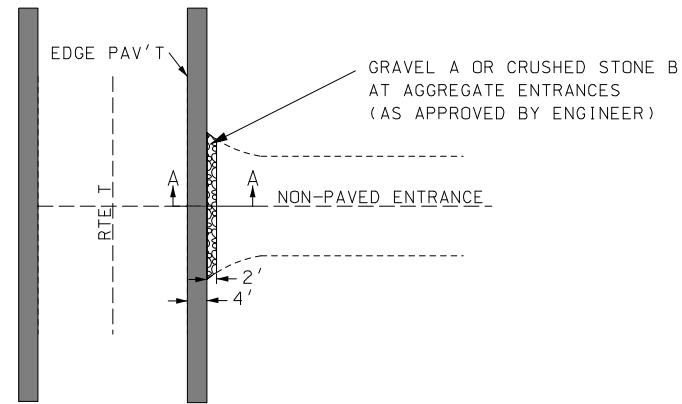


PLAN VIEW FOR NON-PAVED COUNTY ROADS AND CITY STREETS WITH EXISTING APRON

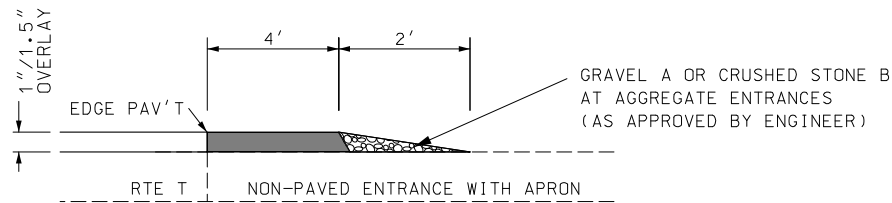


TYPICAL SECTION A-A

NON-PAVED COUNTY ROADS AND CITY STREETS WITH EXISTING APRON
LOG MILE 1.801 (CR 295) RT



PLAN VIEW FOR NON-PAVED PRIVATE AND COMMERCIAL ENTRANCES WITH EXISTING APRON



TYPICAL SECTION A-A

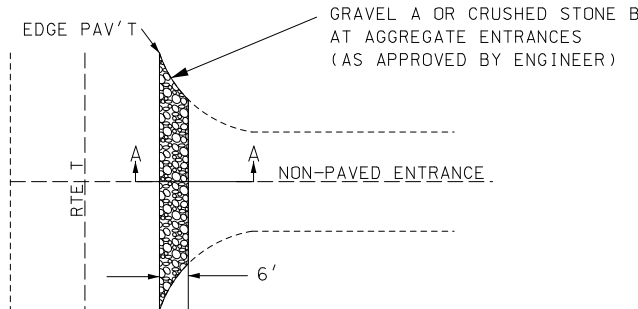
NON-PAVED PRIVATE AND COMMERCIAL ENTRANCES WITH EXISTING APRON

- VARIABLE DEPTH COLDMILLING
- SHOULDER
- GRAVEL A OR CRUSHED STONE B

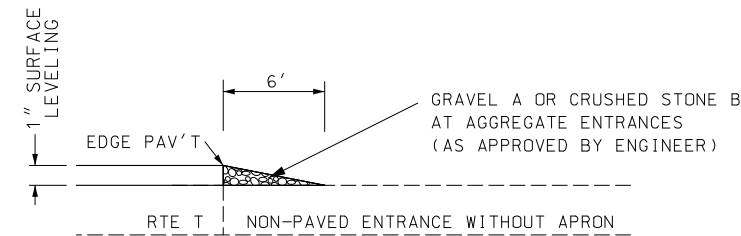
LOG MILE LOCATIONS APPROXIMATE
NOTES

ALL GRADING NECESSARY FOR THE PROPER CONSTRUCTION OF HOT MIX AND AGGREGATE APRONS SHALL BE CONSIDERED INCIDENTAL WORK AND AT NO DIRECT PAY.

THE WIDTH OF ALL HOT MIX AND AGGREGATE APRONS MAY BE ADJUSTED BY THE ENGINEER AS NECESSARY TO OBTAIN SUITABLE TRANSITIONS.



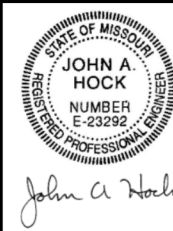
PLAN VIEW FOR NON-PAVED PRIVATE AND COMMERCIAL ENTRANCES WITHOUT EXISTING APRON



TYPICAL SECTION A-A

NON-PAVED PRIVATE AND COMMERCIAL ENTRANCES

LOG MILE 0.000 - 7.550
30 PRIVATE/COMMERCIAL ENTRANCES RT
49 PRIVATE/COMMERCIAL ENTRANCES LT



DATE PREPARED
8/6/2021
ROUTE
T
STATE
MO
DISTRICT
SE
SHEET NO.
10
COUNTY
STODDARD/ WAYNE/
BUTLER
JOB NO.
J9S3363
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

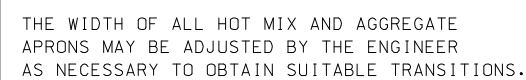
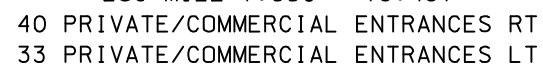
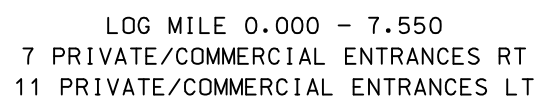
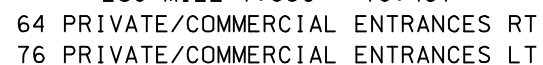
DESCRIPTION	DATE

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

ACCESS ENGINEERING LLC
11820 TESSON FERRY ROAD
SUITE 203
ST. LOUIS, MO 63128
(314) 849-8445
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CIVIL ENGINEERING
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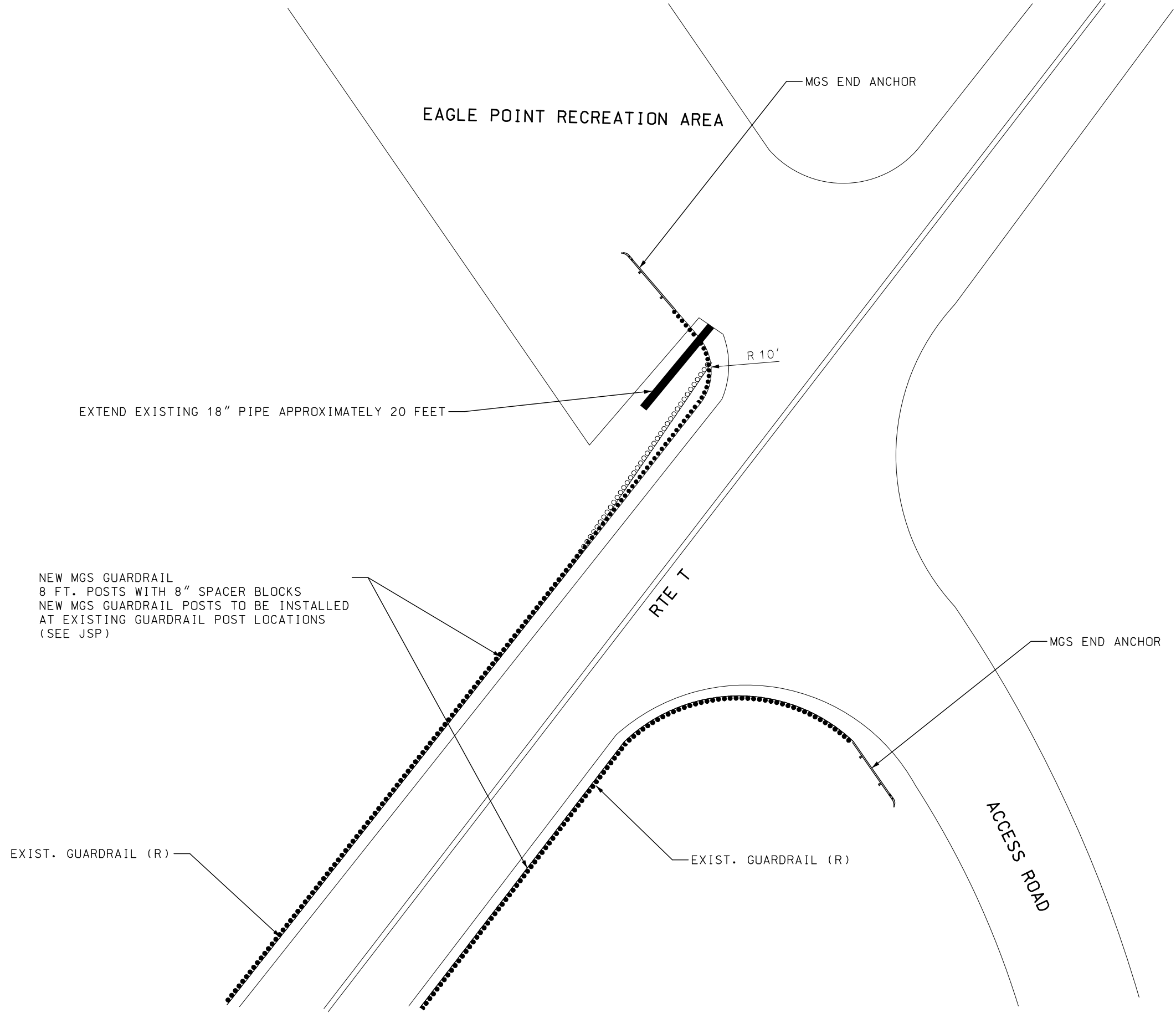
SPECIAL SHEET
SHEET 7 OF 9

DRAWING NOT TO SCALE



SPECIAL
SHEET
SHEET 8 OF

DRAWING NOT TO SCALE



DRAWING NOT TO SCALE

STATE OF MISSOURI

JOHN A HOCK

REGISTERED PROFESSIONAL ENGINEER

NUMBER E-23292

DATE PREPARED

8/6/2021

ROUTE

T

STATE

MO

DISTRICT

SE

SHEET NO.

12

COUNTY

STODDARD/ WAYNE/ BUTLER

JOB NO.

J9S3363

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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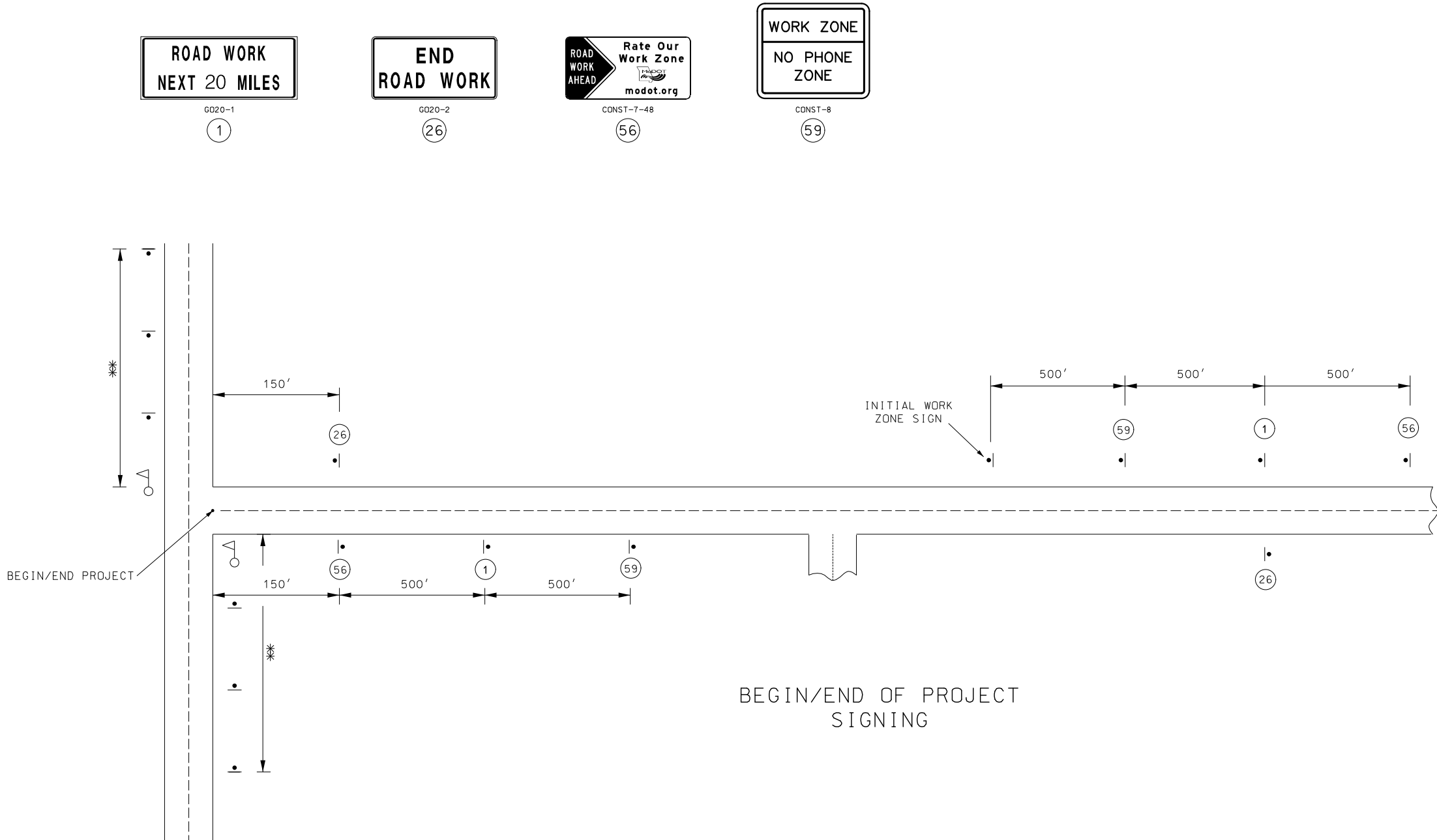
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SPECIAL SHEET

SHEET 9 OF 9

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

* WHEN NEEDED, THE WORK ZONE SIGNS FOR THE CROSSING ROUTE SHALL BE IN ACCORDANCE WITH THE APPROPRIATE FLAGGER CONTROL SET-UP SHOWN ELSEWHERE IN THE TRAFFIC CONTROL PLANS.



NOTES:

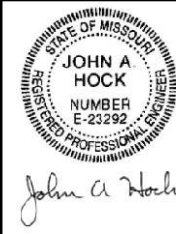
ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

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

NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



DATE PREPARED 8/6/2021	
ROUTE T	STATE MO
DISTRICT SE	SHEET NO. 13
COUNTY STODDARD/ WAYNE/ BUTLER	
JOB NO. J9S3363	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

ACCESS ENGINEERING LLC

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(314) 849-8445

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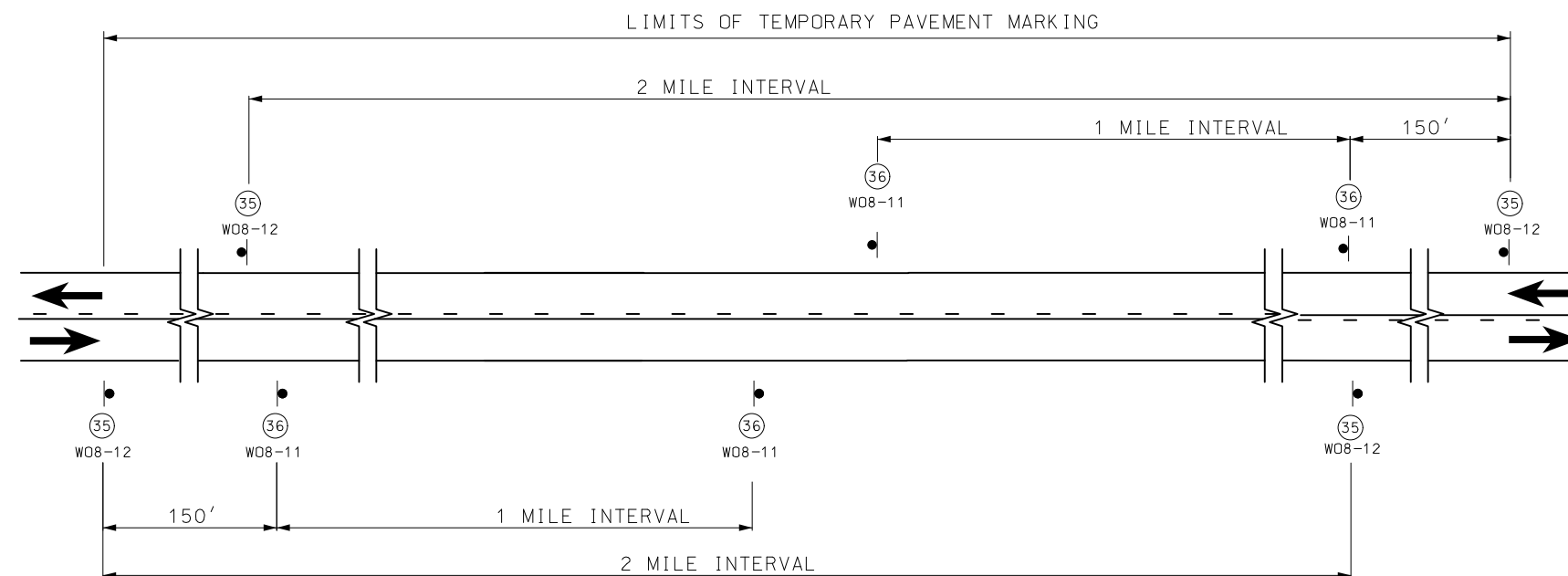
WD8-12

(35)

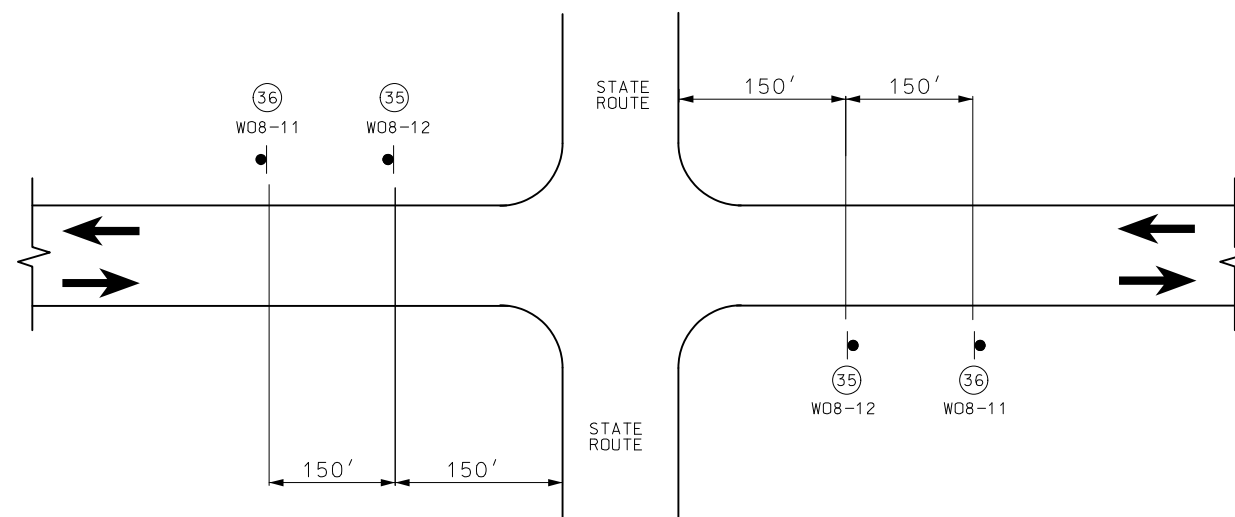


WD8-11

(36)



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



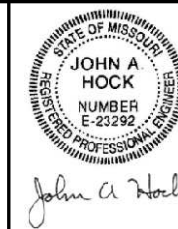
NOTES:

SIGN (35) AND TYPE 2 TRPM INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35), THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH
STANDARD PLAN 616.10 AND 903.03.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



DATE PREPARED
8/6/2021

ROUTE T	STA M
------------	----------

DISTRICT	SHEET
SE	1

SE	Y
COUNTY	
STODDARD/ WAY	
BUTLER	

J9S3363

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



11820 TESSON FERRY ROAD
SUITE 203
ST. LOUIS, MO 63128
314 848-8415

ENGINEERING

TRAFFIC
CONTROL
SHEET 3 OF

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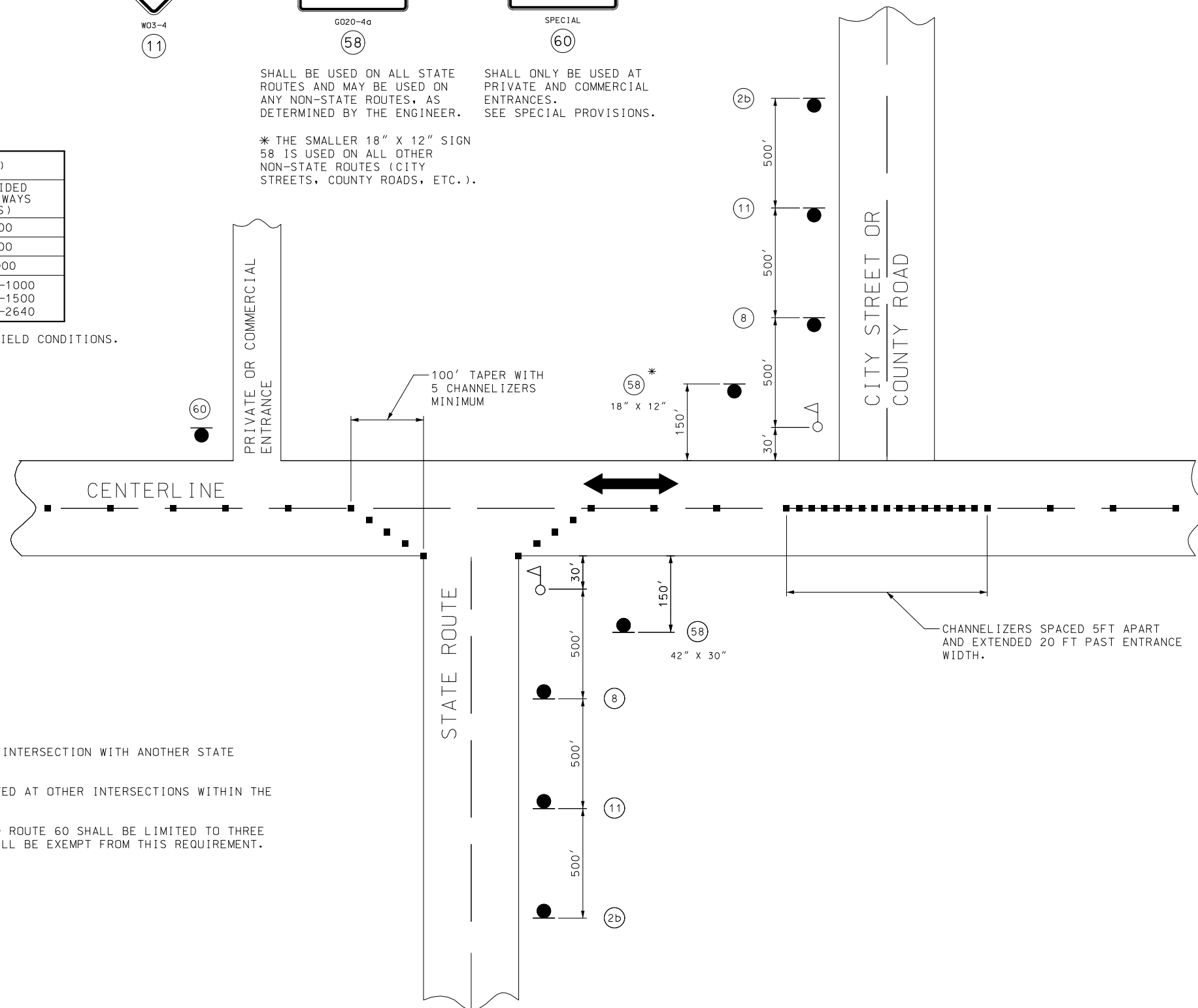


SPEED	SIGN SPACING (FT.)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

SHALL BE USED ON ALL STATE
ROUTES AND MAY BE USED ON
ANY NON-STATE ROUTES, AS
DETERMINED BY THE ENGINEER.

* THE SMALLER 18" X 12" SIGN
58 IS USED ON ALL OTHER
NON-STATE ROUTES (CITY
STREETS, COUNTY ROADS, ETC.).

SHALL ONLY BE USED AT
PRIVATE AND COMMERCIAL
ENTRANCES.
SEE SPECIAL PROVISIONS.



DAYTIME WORK ZONES BETWEEN ROUTE 51 AND ROUTE 60 SHALL BE LIMITED TO THREE MILE IN LENGTH. NIGHTTIME WORK ZONES WILL BE EXEMPT FROM THIS REQUIREMENT.

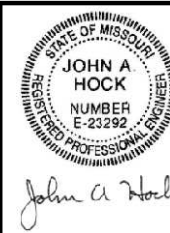
● - SIGNS

■ - CHANNELIZERS (AS SPECIFIED)

 - FLAGGER

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

SIDE ROADS ENTERING WORK ZONES



DATE PREPARED
8/6/2021

ROUTE T	STATE MO
------------	-------------

DISTRICT	SHEET NO.
SE	16

COUNTY
STODDARD/ WAYNE/
BUTLER

JOB NO.
J9S3363

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



**ACCESS
ENGINEERING**

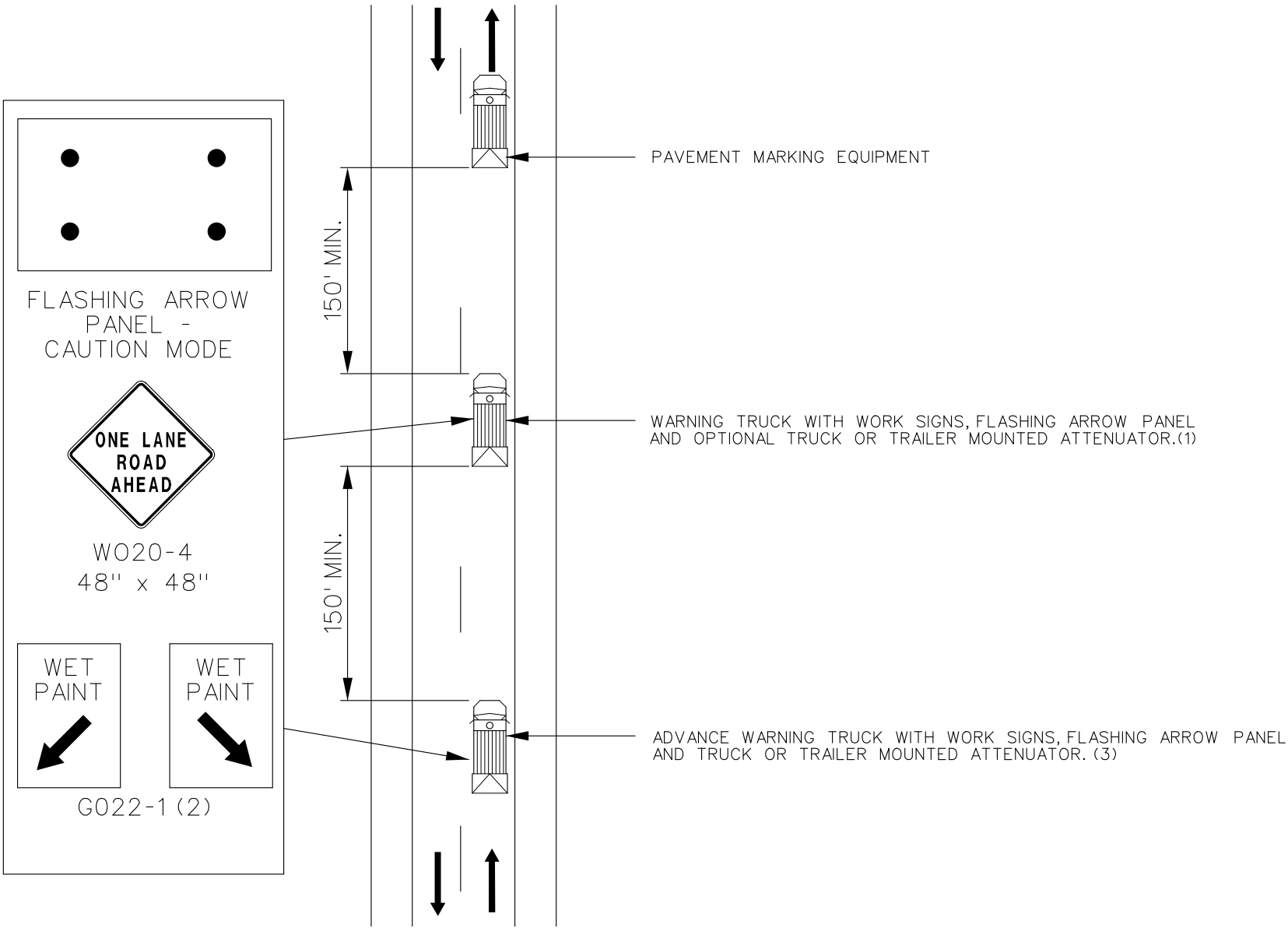
#2000172588
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ENGINEERING CERTIFICATE OF AUTHORITY

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TRAFFIC
CONTROL
SHEET 4 OF 5

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

CENTER LINE / EDGE LINE STRIPING ON TWO-LANE HIGHWAYS

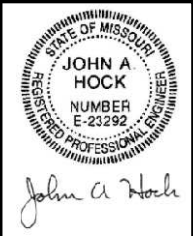


TWO-LANE UNDIVIDED HIGHWAY

NOTES:

- UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.
- PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- (1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.
- (2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
- (3) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

NOT TO SCALE



DATE PREPARED 8/6/2021	
ROUTE T	STATE MO
DISTRICT SE	SHEET NO. 17
COUNTY STODDARD/ WAYNE/ BUTLER	
JOB NO. J9S3363	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

ACCESS ENGINEERING LLC

11820 TESSON FERRY ROAD
SUITE 203
ST. LOUIS, MO 63128
(314) 849-8445

#2000172588
CIVIL ENGINEERING
ENGINEERING CERTIFICATE OF AUTHORITY

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