

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

INDEX OF SHEETS

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"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
6/10/2011

ROUTE	STATE
	MO

DISTRICT	SHEET NO.
	1

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

LENGTH OF PROJECT

BEGINNING OF PROJECT _____

END OF PROJECT _____

APPARENT LENGTH _____ MILES

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS _____

NET LENGTH OF PROJECT _____

STATE LENGTH _____

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.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
6/10/2011

ROUTE STATE
DISTRICT SHEET NO.
MO

COUNTY

JOB NO.

CONTRACT ID.


PROJECT NO.

BRIDGE NO.

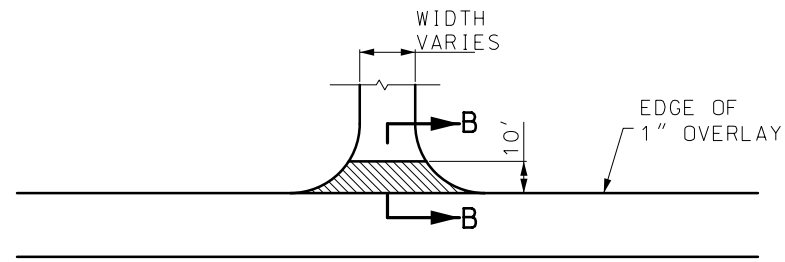
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

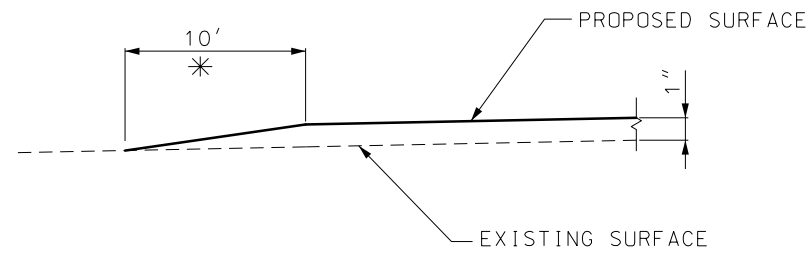


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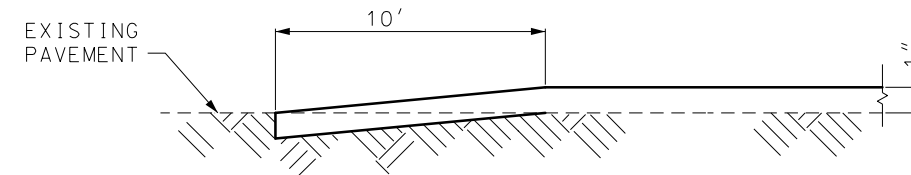


SECTION B-B

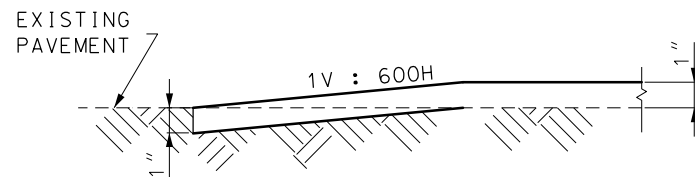
TYPICAL ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
*TAPER AT 1:1 FOR FIELD ENTRANCE



SECTION A-A
TYPICAL STATE ROUTE JUNCTION



TRAVELWAY DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
AND EXCEPTIONS



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE PREPARED
6/10/2011

ROUTE STATE
DISTRICT SHEET NO.
MO 3

COUNTY

JOB NO.

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

REVISIONS

REV.

BITUMINOUS PAVEMENT SURFACE LEVELING PG64-22

LOG MILE	LOG MILE	NET LENGTH MILES	AVERAGE WIDTH FEET	QUANTITY 1.987 Tons/CY TONS	TACK .05 GAL/SQ.YD. GALLONS	REMARKS
TRAVELWAY - ROUTE 156						
TOTALS						

MODIFIED COLD MILLING (DEPTH TRANSITION)

LOG MILE	LOG MILE	QUANTITY SQ. YD.	REMARKS
TOTAL			

BITUMINOUS PAVEMENT SURFACE LEVELING PG64-22 (INTERSECTIONS/ENTRANCES)

LOG MILE	NET LENGTH MILES	AVERAGE WIDTH FEET	QUANTITY 1.987 Tons/CY TONS	TACK .05 GAL/SQ.YD. GALLONS	REMARKS
STATE ROUTE ENTRANCES					
TOTALS					*included in surfacing totals

TEMPORARY RAISED PAVEMENT MARKER, TYPE 2

LOG MILE	LOG MILE	QUANTITY EACH	REMARKS
TOTAL			

NOTE: FINAL STRIPING DONE BY OTHERS.

CONSTRUCTION SIGNING

SIGN NO.	SIGN	SIZE (in.)	AREA (ft. ²)	QTY.	TOTAL AREA (ft. ²)	DESCRIPTION
② **	W020-1	48 x 48	16.00	X	XXX	ROAD WORK AHEAD
⑦	W020-4	48 x 48	16.00	4	64	ONE LANE ROAD AHEAD
⑧	W020-7a	48 x 48	16.00	4	64	FLAGGER (SYMBOL) (WITH FLAGS)
④ & ②⑤	R2-1	36 x 48	12.00	8	96	SPEED LIMIT XX ④ 3-XX MPH ②⑤ 3-XX MPH
⑤④	G023-1	36 x 12	3.00	4	12	WORK ZONE PLAQUE
③	W3-5	36 x 36	9.00	4	36	REDUCED SPEED AHEAD (SYMBOL) ③ 3-XX MPH
① *	G020-1	60 x 24	10.00	2	20	ROAD WORK NEXT XX MILES ① 2-XX MILES
②⑥	G020-2a	48 x 24	8.00	2	16	END ROAD WORK
③⑤	W08-12	36 x 36	9.00	X	XX.XX	NO CENTER STRIPE
③⑥	W08-11	36 x 36	9.00	X	XX.XX	UNEVEN LANES
616-10.05 CONSTRUCTION SIGNS TOTAL					XXX.XX	

* IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.

** ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 2 OF 3 AND AS DIRECTED BY ENGINEER.

NOTE:

REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

ITEM NO.	QTY.	DESCRIPTION
616-11.20	2	INSTALLATION OF 48" X 48" "DRIVE SMART SIGN"
616-10.25	X	CHANNELIZERS (TRIM-LINE)

FLAG ASSEMBLIES		
	QUANTITY EACH	REMARKS
TOTAL		

SUMMARY SHEET
SHEET 1 OF 1

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

SUMMARY OF QUANTITIES

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED

6/23/2011

ROUTE STATE

DISTRICT SHEET NO.

COUNTY

JOB NO.

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)

REV.

BITUMINOUS PAVEMENT SURFACE LEVELING PG64-22

LOG MILE	LOG MILE	NET LENGTH MILES	AVERAGE WIDTH FEET	QUANTITY 1.987 Tons/CY TONS	TACK .05 GAL/SQ.YD. GALLONS	REMARKS
TRAVELWAY - ROUTE 156						
TOTALS						

MODIFIED COLD MILLING (DEPTH TRANSITION)

LOG MILE	LOG MILE	QUANTITY SQ. YD.	REMARKS
STATE ROUTE ENTRANCES			
TOTAL			

BITUMINOUS PAVEMENT SURFACE LEVELING PG64-22 (INTERSECTIONS/ENTRANCES)

LOG MILE	NET LENGTH MILES	AVERAGE WIDTH FEET	QUANTITY 1.987 Tons/CY TONS	TACK .05 GAL/SQ.YD. GALLONS	REMARKS
STATE ROUTE ENTRANCES					
TOTALS					

*included in surfacing totals

TEMPORARY RAISED PAVEMENT MARKER, TYPE 2

LOG MILE	LOG MILE	QUANTITY EACH	REMARKS
TOTAL			
NOTE: FINAL STRIPING DONE BY OTHERS.			

CONSTRUCTION SIGNING

SIGN NO.	SIGN	SIZE (in.)	AREA (ft. ²)	QTY.	TOTAL AREA (ft. ²)	DESCRIPTION
② **	W020-1	48 x 48	16.00	X	XXX	ROAD WORK AHEAD
⑦	W020-4	48 x 48	16.00	4	64	ONE LANE ROAD AHEAD
⑧	W020-7a	48 x 48	16.00	4	64	FLAGGER (SYMBOL) (WITH FLAGS)
④ & ②⑤	R2-1	36 x 48	12.00	8	96	SPEED LIMIT XX ④ 3-XX MPH ②⑤ 3-XX MPH
④	G023-1	36 x 12	3.00	4	12	WORK ZONE PLAQUE
③	W3-5	36 x 36	9.00	4	36	REDUCED SPEED AHEAD (SYMBOL) ③ 3-XX MPH
① *	G020-1	60 x 24	10.00	2	20	ROAD WORK NEXT XX MILES ① 2-XX MILES
②⑥	G020-2a	48 x 24	8.00	2	16	END ROAD WORK
③⑨	W08-12	36 x 36	9.00	X	XX.XX	NO CENTER STRIPE
⑤③	G020-4	36 x 18	4.75	X	XX.XX	PILOT CAR FOLLOW ME
⑥⑥	W08-11	36 x 36	9.00	X	XX.XX	UNEVEN LANES
⑥⑧	G020-4a	42 x 30	8.75	X	XX.XX	PLEASE WAIT FOR PILOT CAR
616-10.05 CONSTRUCTION SIGNS TOTAL					XXX.XX	

* IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.

** ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 2 OF 3 AND AS DIRECTED BY ENGINEER.

NOTE:

REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

FLAG ASSEMBLIES

	QUANTITY EACH	REMARKS
TOTAL		

ITEM NO.	QTY.	DESCRIPTION
616-11.20	2	INSTALLATION OF 48" X 48" "DRIVE SMART SIGN"

SUMMARY SHEET
SHEET 1 OF 1

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
6/10/2011

ROUTE STATE
DISTRICT SHEET NO.
MO

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

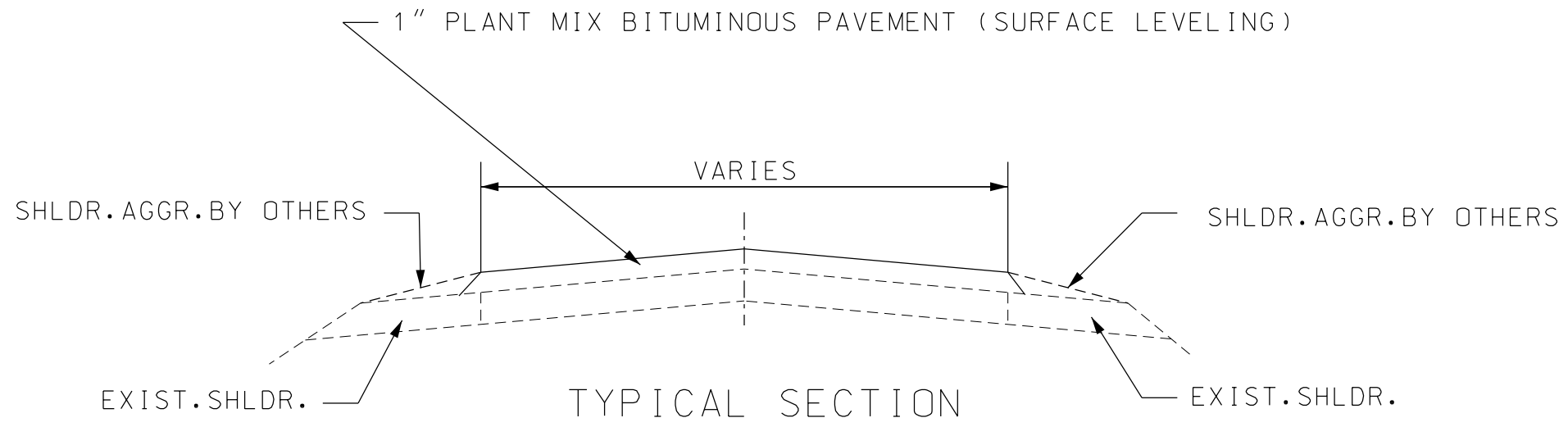
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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



STRIPING TO BE COMPLETED BY OTHERS.

NOTIFY ENGINEER TWO WEEKS PRIOR TO PROJECT COMPLETION

NOTE: SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
NO S.E. CORRECTION.

TYPICAL SECTION

SHEET 1 OF 1

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
6/10/2011

ROUTE STATE
DISTRICT SHEET NO.
MO 5

DISTRICT COUNTY
5

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

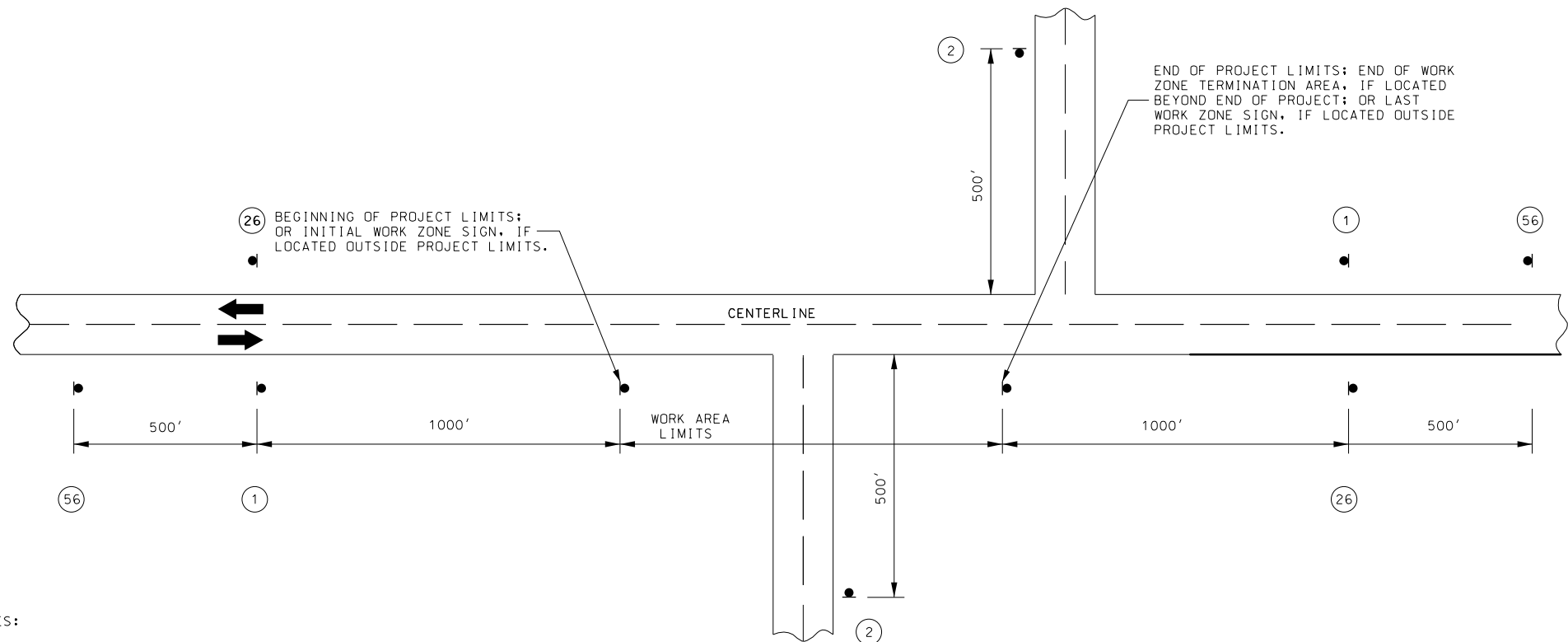
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

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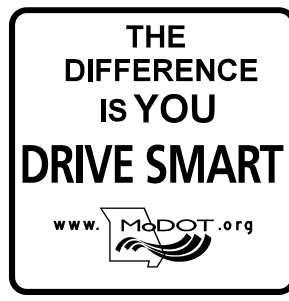
NOTES:

SIGN 1 IS ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

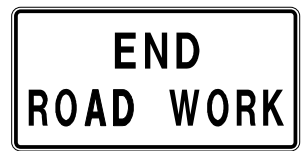
SIGN 26 MAY BE USED ON PROJECTS LESS THAN 2 MILES.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



CONST-6-48



G020-2a



G020-1



W020-1

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
6/9/2011

ROUTE STATE
MO

DISTRICT SHEET NO.
6

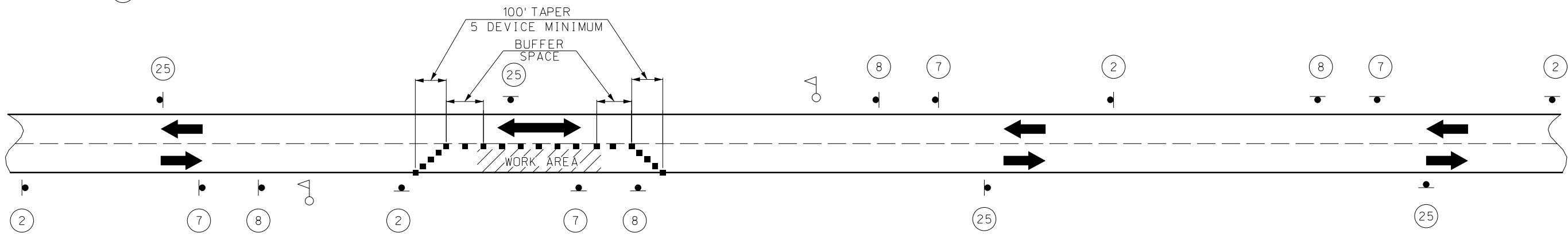
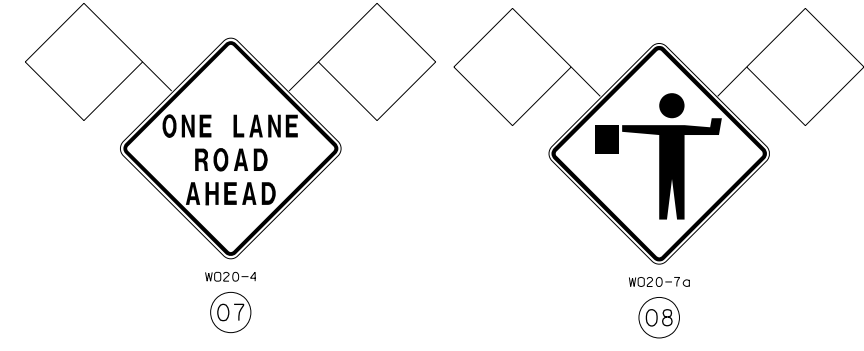
COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

■ - CHANNELIZERS

◻ - FLAGGER

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN, EXCEPT FOR SIGN W020-7A WHICH IS SUBSIDIARY TO THE SIGN.

SIGN SPACING FOR ADVANCE SIGN SERIES (2) (3)		
SPEED (1) MPH	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0 - 35	200	200
40 - 45	350	500
50 - 55	500	1000
60 - 70	SA - 1000 FT. SB - 1500 FT. AND SC - 2640 FT.	

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

(1) POSTED SPEED LIMIT PRIOR TO ROAD WORK.

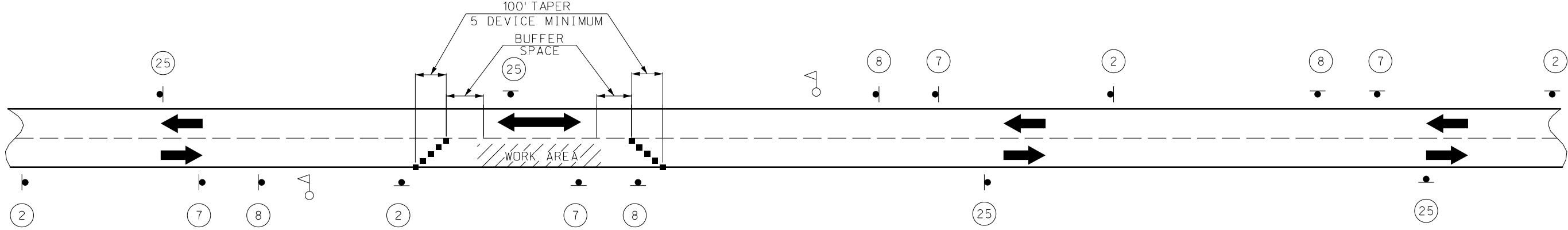
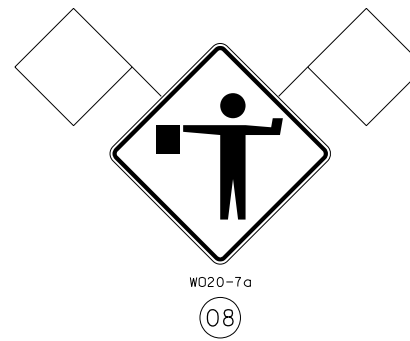
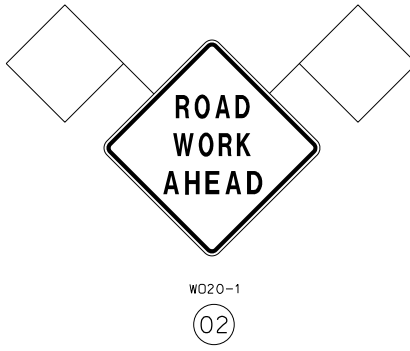
(2) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

(3) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

TRAFFIC CONTROL
SHEET 2 OF 3

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. REV.



SET 1
ACTIVE

SET 2
INACTIVE

SET 3
ACTIVE

SET 4
INACTIVE

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- - CHANNELIZERS
- △ - FLAGGER

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN, EXCEPT FOR SIGN W020-7A WHICH IS SUBSIDIARY TO THE SIGN.

- (1) SIGN 58, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.
- (2) FOR PLACEMENT OF SIGN 53, SEE SHEET 7.

SIGN SPACING FOR ADVANCE SIGN SERIES (2) (3)		
SPEED (1) MPH	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0 - 35	200	200
40 - 45	350	500
50 - 55	500	1000
60 - 70	SA - 1000 FT. SB - 1500 FT. AND SC - 2640 FT.	

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

- (1) POSTED SPEED LIMIT PRIOR TO ROAD WORK.
- (2) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.
- (3) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.

DATE PREPARED: 6/10/2011

ROUTE: STATE MO

DISTRICT: SHEET NO. 6

COUNTY:

JOB NO.:

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

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DATE PREPARED
6/10/2011

ROUTE STATE
MO

DISTRICT SHEET NO.
7

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

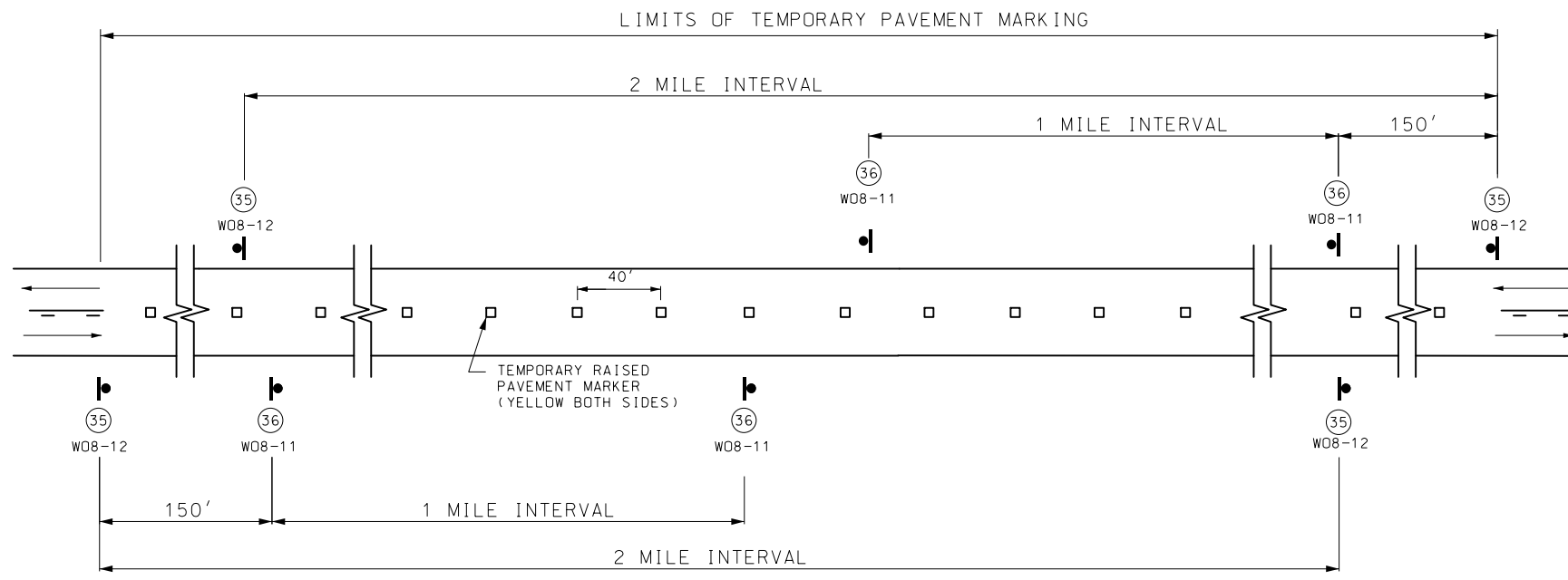
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

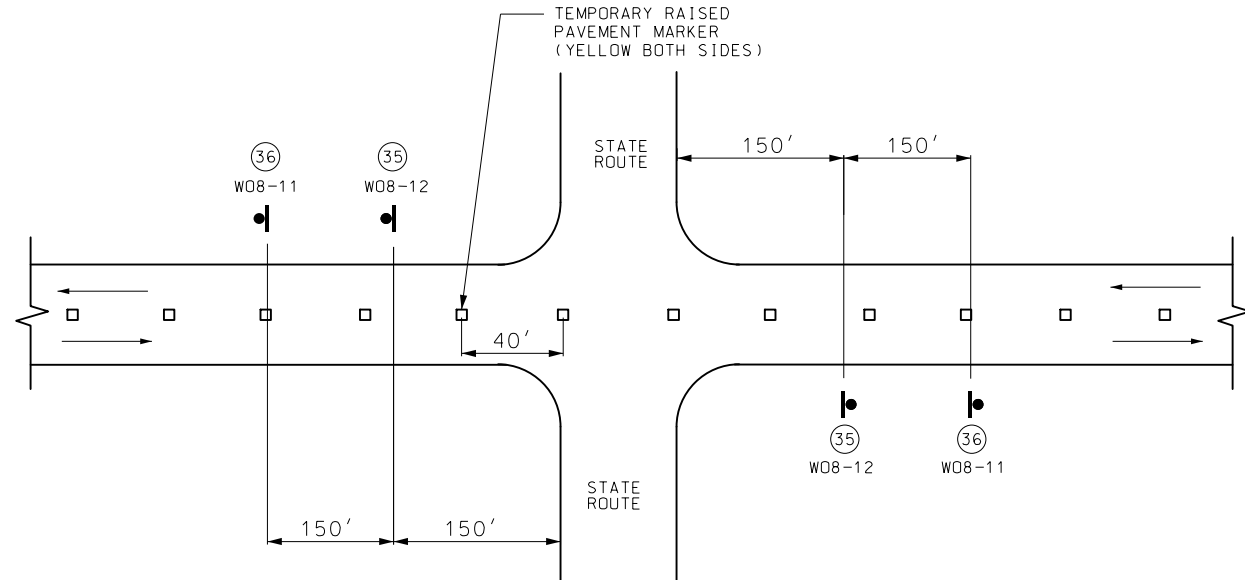
MoDOT

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

REV.



SIGN SPACING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS



NOTES:

SIGN (35) AND TEMPORARY PAVEMENT MARKING 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.

TEMPORARY RAISED PAVEMENT MARKERS SHALL BE INSTALLED BY THE END OF EACH DAY.