

MISSOURI DEPARTMENT of TRANSPORTATION

D6 PERMITS TYPE III COMMERCIAL DRIVE

RECOMMENDED WIDTH 30 FEET

SHEET NO. 1 OF 2

CROSS SECTION	CONDITION		TREATMENT	SIGN	
	DIFFERENTIAL	TIME		MAINLINE (1)	SIDE ROAD (2)
EDGE DROP-OFF	PAVEMENT EDGE DIFFERENTIAL > 2" TO ≤ 3"	NON-WORKING HOURS	WEDGE SLOPE TO 1V:1H OR FLATTER	NO SIGNS REQUIRED	NO SIGNS REQUIRED
		WORKING HOURS	NO EDGE TREATMENT REQUIRED	W08-17 (3) (4) W08-17 (6)	NO SIGNS REQUIRED
EDGE DROP-OFF	PAVEMENT EDGE DIFFERENTIAL > 3"	NON-WORKING HOURS	WEDGE SLOPE TO 1V:1H OR FLATTER	NO SIGNS REQUIRED	NO SIGNS REQUIRED
		WORKING HOURS	NO EDGE TREATMENT REQUIRED	W08-17 (3) (4) W08-17 (6)	NO SIGNS REQUIRED
EDGE DROP-OFF	PAVEMENT EDGE DIFFERENTIAL > 3"	NON-WORKING HOURS	WEDGE SLOPE TO 1V:3H OR FLATTER	NO SIGNS REQUIRED	NO SIGNS REQUIRED
		WORKING HOURS	DELINEATE DIFFERENTIAL WITH CHANNELIZERS	W08-17 (3) (4) W08-17 (6)	W08-1 (3)
EDGE DROP-OFF	PAVEMENT EDGE DIFFERENTIAL > 3"	NON-WORKING AND WORKING HOURS	NO EDGE TREATMENT REQUIRED	NO SIGNS REQUIRED	NO SIGNS REQUIRED
		NON-WORKING AND WORKING HOURS	DELINEATE DIFFERENTIAL WITH CHANNELIZERS	NO SIGNS REQUIRED	NO SIGNS REQUIRED
LANE DIFFERENTIAL	LANE LINE DIFFERENTIAL ≤ 2"	NON-WORKING AND WORKING HOURS	NO EDGE TREATMENT REQUIRED	UNEVEN LANES	NO SIGNS REQUIRED
		NON-WORKING AND WORKING HOURS	WEDGE SLOPE TO 1V:3H OR FLATTER	UNEVEN LANES	NO SIGNS REQUIRED
LANE DIFFERENTIAL	LANE LINE DIFFERENTIAL > 2"	NON-WORKING AND WORKING HOURS	WEDGE SLOPE TO 1V:3H OR FLATTER	UNEVEN LANES	BUMP
		NON-WORKING AND WORKING HOURS	DELINEATE DIFFERENTIAL WITH CHANNELIZERS	UNEVEN LANES	W08-1 (3)

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PAVEMENT EDGE TREATMENT

DATE EFFECTIVE: 10/01/2017
 DATE PREPARED: 8/9/2017

619.10J

SHEET NO. 1 OF 1

616.8.1 (TA-1) WORK BEYOND THE SHOULDER ON DIVIDED AND UNDIVIDED HIGHWAYS - DE/CM

SPEED Normal Posted (mph)	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.) Tapers	Buffer/Work Areas
	Undivided (S)	Divided (S)	Shoulder (T1)	Lane (T2)			
0-35	200	200	-	-	-	-	-
40-45	350	500	-	-	-	-	-
50-55	500	1000	-	-	-	-	-
60-70	1000	SA - 1000, SB - 1500, SC - 2640	-	-	-	-	-

NOTES:
 ONLY APPLICABLE WHEN WORK IS WITHIN THE CLEAR ZONE.
 ON MULTI-LANE, DIVIDED HIGHWAYS, SIGNS ADVISING OF SHOULDER WORK OR THE CONDITION OF THE SHOULDER SHOULD BE PLACED ONLY ON THE SIDE OF THE AFFECTED SHOULDER.
 VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

TA - 1

616.8.6 (TA-6) SHOULDER WORK WITH MINOR ENCROACHMENT ON DIVIDED AND UNDIVIDED HIGHWAYS - DE/CM

SPEED Normal Posted (mph)	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.) Tapers	Buffer/Work Areas
	Undivided (S)	Divided (S)	Shoulder (T1)	Lane (T2)			
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA - 1000, SB - 1500, SC - 2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2 Lane taper length based on 12 ft. (standard lane width) offset.

NOTES:
 PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.
 ROAD WORK AHEAD SIGN NOT NEEDED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD SIGN IS ALREADY USED.
 SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
 (3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.
 THE PROTECTIVE VEHICLE MAY BE OMITTED IF A 10' MIN. LANE WIDTH TAPER AND CHANNELIZING DEVICES ARE USED.
 VEHICLE - MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE - MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
 VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.
 SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-DENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

TA - 6

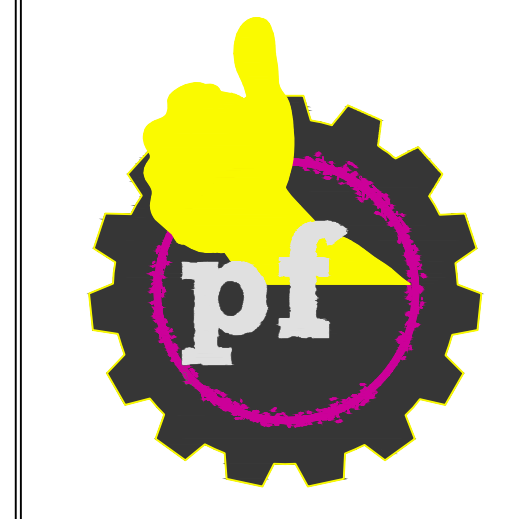
616.8.35 (TA-35) Mobile Operation on Divided or Multi-Lane Highways - DE/CM

SPEED Normal Posted (mph)	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.) Tapers	Buffer/Work Areas
	Undivided (S)	Divided (S)	Shoulder (T1)	Lane (T2)			
0-35	-	200	-	-	-	-	-
40-45	-	500	-	-	-	-	-
50-55	-	1000	-	-	-	-	-
60-70	-	SA - 1000, SB - 1500, and SC - 2640	-	-	-	-	-

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2 Lane taper length based on 12 ft. (standard lane width) offset.

NOTES:
 SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
 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.
 FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.
 VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
 AN FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

TA-35



New Ground Up Building for:

PLANET FITNESS

914 Highway K
 O'Fallon, MO 63366
 St. Charles County

MTSTUDIO PROJECT NUMBER:

ISSUED / REVISED	DATE
ISSUED TO CITY	05.12.2021
REVISED PER CITY/MODOT COMMENTS	07.20.2021
REVISED PER CITY/MODOT COMMENTS	08.10.2021
REVISED FOR RETAINING WALL	11.18.2021
REVISED PER CITY COMMENTS	12.01.2021