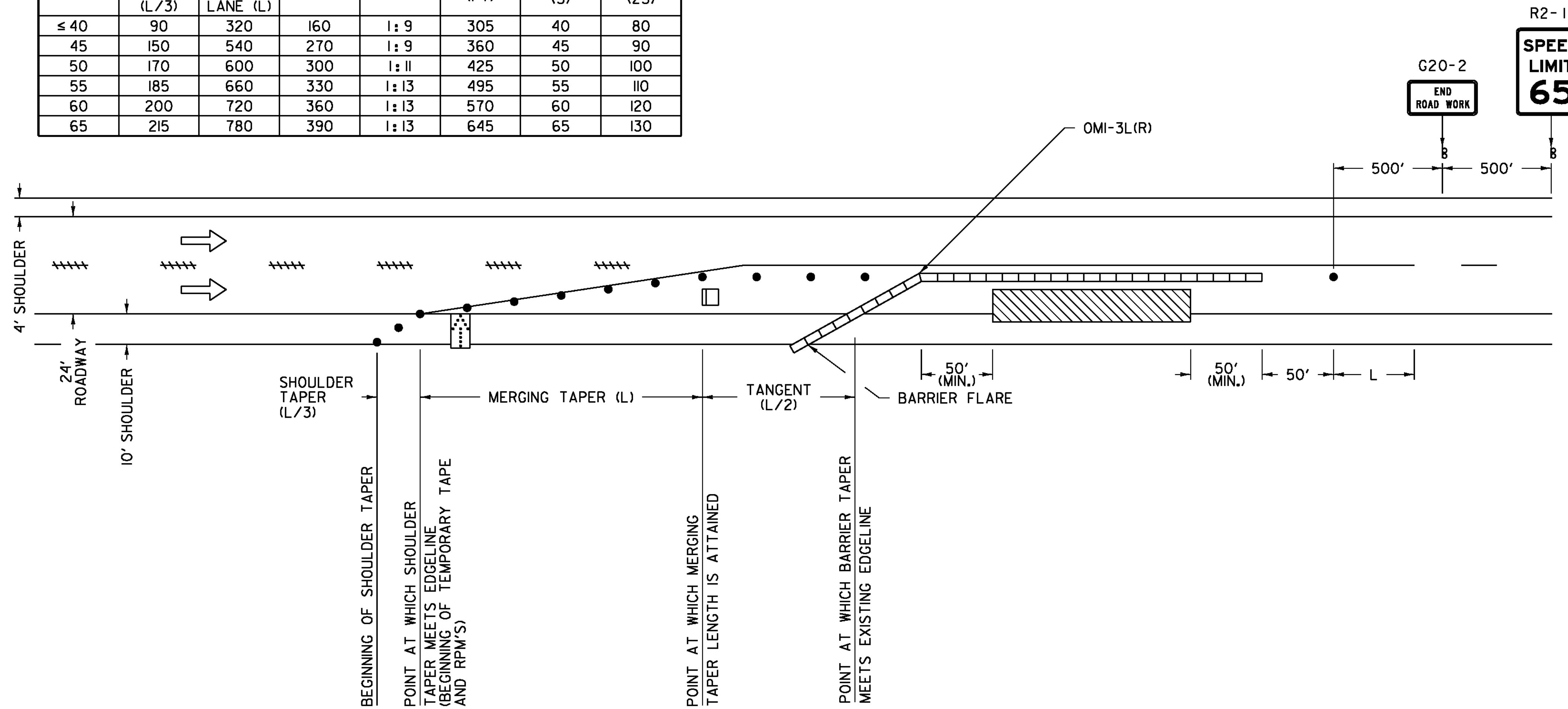


POSTED SPEED (MPH)	TAPER LENGTHS (FT)		TANGENT W=12 FT (L/2)	BARRIER FLARE RATE (MINIMUM)	MINIMUM BUFFER SPACE LENGTH (FT)	MAXIMUM CHANNELIZING DEVICE SPACING (FT)	
	SHOULDER W=10 FT (L/3)	MERGING 12 FT LANE (L)				TAPER (S)	TANGENT (2S)
≤ 40	90	320	160	1:9	305	40	80
45	150	540	270	1:9	360	45	90
50	170	600	300	1:11	425	50	100
55	185	660	330	1:13	495	55	110
60	200	720	360	1:13	570	60	120
65	215	780	390	1:13	645	65	130



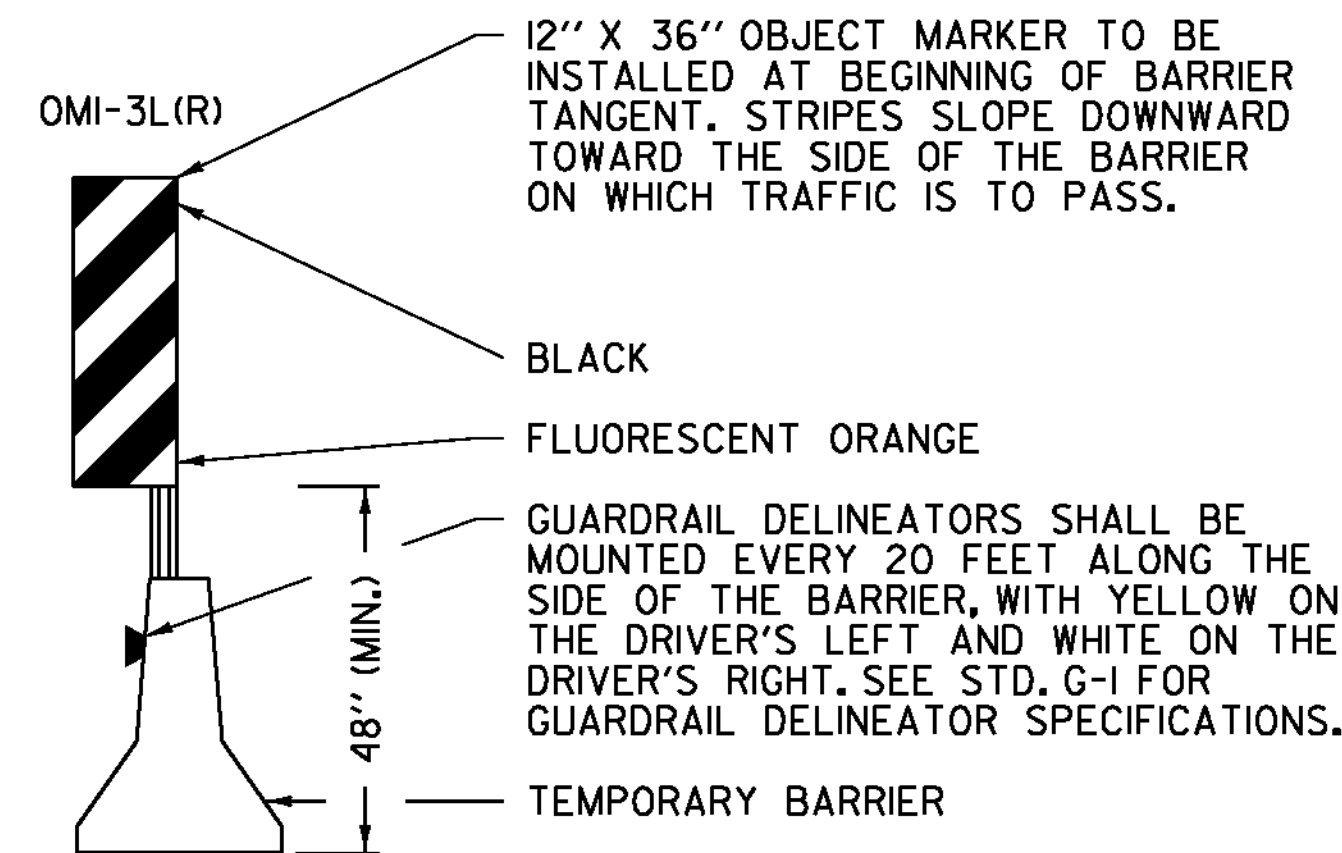
NOTES:

- THE EXISTING TRAVEL LANE WIDTH SHOULD BE MAINTAINED IF POSSIBLE.
- TEMPORARY TAPE EDGELINES SHALL BE APPLIED AND SHALL MAINTAIN A ONE FOOT MINIMUM DISTANCE FROM THE BARRIER WITH TWO FEET BEING DESIREABLE. THIS SHALL BE PAID UNDER ITEM 646.621 TEMPORARY SIX INCH WHITE LINE, TYPE II TAPE.
- RAISED PAVEMENT MARKERS (RPM'S) SHALL BE PLACED TO THE OUTSIDE OF THE TRAVEL LANE AT 20 FOOT SPACING.
- THE END OF THE BARRIER FACING APPROACHING TRAFFIC SHALL MEET THE FOLLOWING REQUIREMENTS:
 - WHEN NO GUARDRAIL IS PRESENT THEN A 30 FOOT OFFSET FROM THE EDGE OF TRAVELED WAY SHOULD BE USED.
 - WHEN NO GUARDRAIL IS PRESENT AND A 30 FOOT OFFSET CANNOT BE ATTAINED THEN AN ENERGY ABSORPTION ATTENUATOR SHALL BE USED.
 - WHEN GUARDRAIL IS PRESENT, THEN THE GUARDRAIL SHALL BE BROKEN AND THE BARRIER TAPERED TO A POINT OUTSIDE THE DEFLECTION DISTANCE OF THE GUARDRAIL.
- DASHED LANE LINE REMOVAL SHALL BEGIN 750 FEET IN ADVANCE OF THE BEGINNING OF THE SHOULDER TAPER.
- CHANNELIZING DEVICES OTHER THAN RETROREFLECTIVE PLASTIC DRUMS SHALL BE ALLOWED ALONG TANGENT SECTIONS AS LONG AS THEY CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND ARE APPROVED BY THE ENGINEER. THE TYPE OF DEVICE SHALL BE CONSISTENT THROUGHOUT THE TANGENT SECTION AND SHALL REMAIN STABLE WHILE UNATTENDED.
- THE NUMBER OF CHANNELIZING DEVICES, TYPE III BARRICADES AND OTHER TRAFFIC CONTROL DEVICES SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. THE ACTUAL NUMBER REQUIRED ARE TO BE DETERMINED BASED ON INDIVIDUAL DETOUR CONDITIONS (TAPERS, SPEED LIMITS, LENGTH OF DETOUR, CURVE, ETC.). WARNING LIGHTS SHALL NOT BE USED ON CHANNELIZING DEVICES.
- PLACE LAST CHANNELIZING DEVICE 50 FEET BEYOND THE END OF BARRIER.
- THE ARROW PANEL SHALL BE PLACED ON THE SHOULDER OF THE ROADWAY, AS CLOSE AS PRACTICAL TO THE BEGINNING OF THE MERGING TAPER.
- ROADWAY AND SHOULDER WIDTHS MAY VARY.
- "SPEED LIMIT 65" (R2-1) SIGN TO BE USED WHEN TEMPORARY SPEED ZONE IS IN PLACE.

LEGEND

- FLOW OF TRAFFIC
- RETROREFLECTIVE PLASTIC DRUM
- FLASHING ARROW PANEL
- TYPE III BARRICADE
- PAVEMENT MARKING REMOVAL
- TEMPORARY BARRIER
- WORK AREA

ONE LANE CLOSED WITH TEMPORARY BARRIER PROTECTION



PROJECT NAME:	BERLIN - MONTPELIER
PROJECT NUMBER:	IM 089-1(53)
FILE NAME:	07A150/DESIGN/DO7A150FRM.DGN
PLOT DATE:	19-OCT-2011
PROJECT LEADER:	K. ROBBE
DRAWN BY:	I. SHEA
DESIGNED BY:	P. PELOQUIN
CHECKED BY:	S. MENARD
TRAFFIC CONTROL SHEET 3	SHEET 29 OF 29