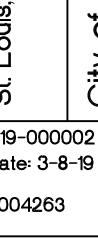
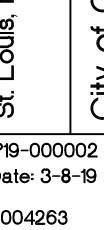
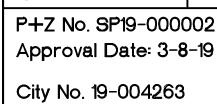
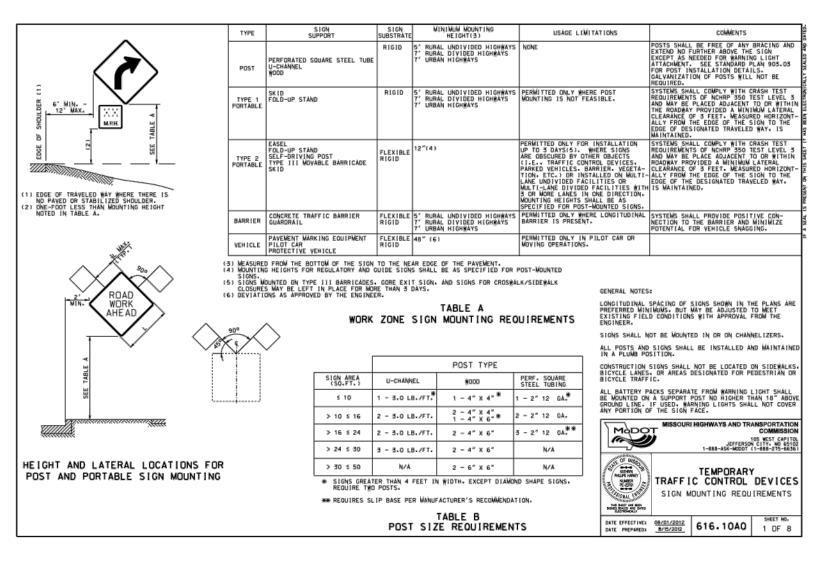
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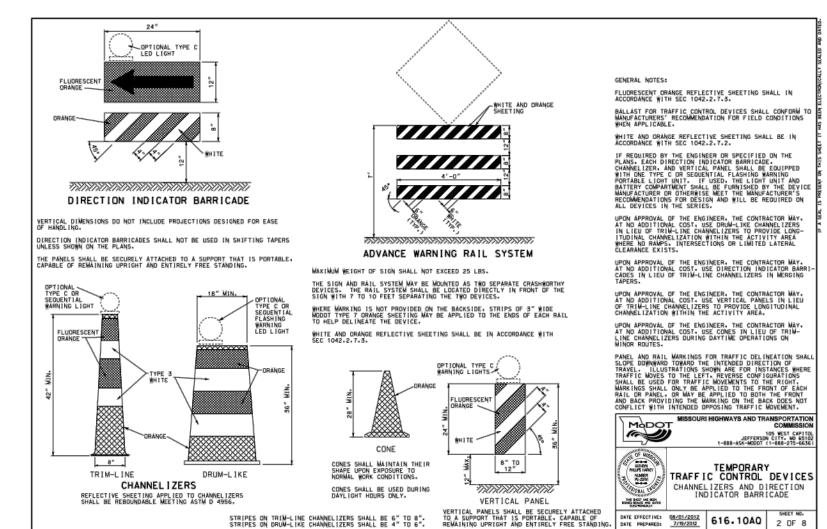


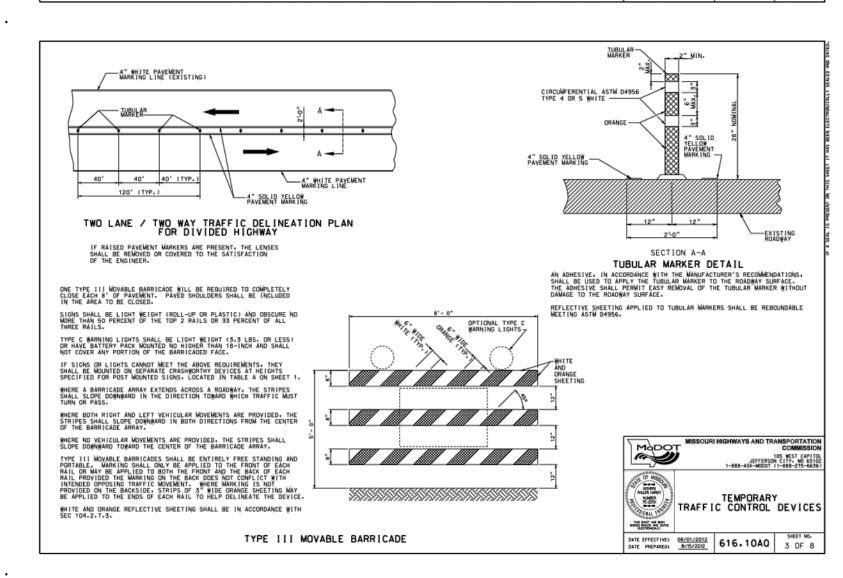












	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTION	IAL	CHANNELL	ZER SPA	ER SPACING (ft.)	
SPEED	Undivided (S)	Divided (S)	Shoulder <sup>3</sup> (T1)	Lane <sup>3</sup> (T2)	BUFFE LENGTH (B)		Tapers	Bufferi Work Areas		
0-36	200	-	70	-	250		35		50	
40-45	350		150		360		40		100	
50-66	500	-	185	-	495		50		100	
60-70	1000		235	-	730		60		100	
1 Shoulder 1	iaper length base	d on 10 ft. (standards	houlderwidth) a	Ret 2 Lane t	aper length ba	sed on	12 R. (standard lan	ewidth) af	set	
ROADW	AY TYPE	SIGN HEIGHT	MAXIMI WORK ZO LENGTH	NE	=		nelizer (		Protective Valsicle Truck Mounted	
IRBAN		1' Portable	1 Mi.	,-,	-	Sign	e en Territor		Attenuator (TMA	
URAL UN	YEADED.	7' Post 1' Portable	3 Mi.			Truck or Trailer Mounted Arrow Panel		With.	Work Space	
Trock one	SIAIDED	5' Post	a we.		_					
affic lane pical app fan arrow aution me or short devices, an immated irobe light sists, a pre-hicle she ashing an f the work rotective to untel at arface.	shall be clos lications, panel is used de shall be de uration or me de protective if a work vel is is used. He totective vehi- neld be equip row panel and se space or wo vehicle is used a recommen	obile operations, vehicles may be nicle with activa owever, if limite cle should be us ped with a TM/ d positioned at l rk vehicle, as at d, a vehicle mon ded height of 48	n on the sho , signs, cham , reduced or ted rotating; d d sight dista ed. This pre a and truck re east 150 ft. i pplicable. If inted sign sis in. above fi	ulder, the nelization lights or nee stective nounted n advance a tall be ne road	1			Protective Eall-Ahead		
rked on t iminated robe light	be shoulder, if a work vel ts is used.	ler, where vehic the protective v sicle with activa	ehicle may b ted rotating l	ights or	П					
		signals shall no hts or strobe lig		tead of				1		
ith anoth- iscretion (	er state highy of the supervi	s shall be erected way within the wisor, additional values within the	ork zone. U varning sign	pon the		-				
			lieu of SHO	ULDER						

SIGN SPACING (ft.)		TAPER LENGTH (ft.)				ER SPACING (ft.)	
SPEED Undivided (S)	Divided (S)	Shoulder <sup>3</sup> (T1)	Lane <sup>2</sup> (T2)	BUFFER LENGTH (ft.) (8)	Tapers	Buffer/ Work Areas	
35 200		70	-	250	35	50	
1-45 350		150	-	360	40	100	
3-55 500		185	-	495	50	100	
0-70 1000	-	235	-	730	60	100	
Shoulder taper length based o	n 10 ft. (standard si	houlderwidth)	offset 2 Lane ta	per length based on	12 ft. (standard lene	width) offset	
ROADWAY TYPE	SIGN HEIGHT	MAXIM WORK Z LENGTH	ÖNE	Chang	nelizer E	Protective Vol	
RBAN	1' Portable 7' Post	1 Mi.		1 .	or Trailer	Attenuator (T	
IRAL LINDB/IDED	1' Portable 5' Post	3 Mi.			ted Arrow Panel	Work Space	
protective vehicle shall to eprotective vehicle shall be eprotective vehicle sho sitioned at least 150 ft.; it emeroachment onto driving. It of driving surface availite lane shall be closed pical applications, an arrow panel is used fution mode shall be disposed by the shall be determinated if a work vehicle shiele should be equippe shing arrow panel and profile work space or work otective vehicle is used, buttled at a recommender of the work beyond shoulder, the minated if a work vehicle in used, buttled to the shoulder, the minated if a work vehicle in the shoulder, the minated if a work vehicle in the shoulder, the minated if a work vehicle in the shoulder, the minated if a work vehicle in the shoulder of t	ould be equipp in advance of it ing surface occasible for the f. Refer to app for an operation played.  tile operations, hicles may be ele with activate rever, if limites be should be used with a TMA ossitioned at le vehicle, as ap a vehicle moned height of 48 r, where vehicle e protective ve	ed with a I the work spears and the lane of tra- uropriate lan and the signs, chan- reduced or ed rotating d sight dist. d sight dist. ast 150 ft. plicable. It inted signs in above 1 es and equi- thick may be said equi- th	MA and ace.  ere is not fife, that ac closure coulder, the smelization lights or succe totective mounted in advance fa thall be the road signment are be			votective Vehicle fall-Ahcad Space	

WORK AHEAD sign.

Table 60-7 Temporary Fall Seeding

Plant Species	Rate <sup>1</sup> (lb/acre)	Seeding Times	
Side-Oats	65	8/16 – 9/30	
Winter Rye	50	8/01 – 10/15	
Winter Wheat	60 8/01 – 10/1		
Orchard Grass	120	8/01 — 10/15	
Perennial Ryegrass	80	8/01 – 10/15	
Tall fescue, Smooth Brome	80	8/01 – 10/15	
K-31 Fescue	120	9/01 – 11/15	
Ladino Clover	2 <sup>2</sup>	8/15 – 9/15	
Crimson Clover	6 <sup>2</sup>	8/15 – 9/15	
Orchard Grass and Oats or Rye	15 <sup>2</sup> 40 <sup>2</sup>	8/15 – 9/15	

<sup>1</sup>If using aerial seeding or other broadcast method to apply seed without rolling or cultipacking, increase seeding rates by 50 percent.

<sup>2</sup>Pure live seed (PLS)

## Table 60-8 Temporary Spring Seeding

Table 60-8 Temporary Spring Seeding					
Plant Species	Rate <sup>1</sup> (lb/acre)	Seeding Dates			
Winter Rye	50	3/15 – 5/31			
Spring Oats	65	3/15 - 5/31			
Annual Ryegrass	42	3/15 – 6/15			
Sudangrass	16 <sup>2</sup>	4/15 — 6/15			
K-31 Fescue	30 <sup>2</sup>	3/15 – 5/31			
Red Clover	2 <sup>2</sup> 30 <sup>2</sup>	3/15 – 5/31			

<sup>1</sup>If using aerial seeding or other broadcast method to apply seed without rolling or cultipacking, increase seeding rates by 50 percent.

<sup>2</sup>Pure live seed (PLS)

Soil Disturbance Activity or Condition	Required Stabilization Time
Soil disturbance has ceased in areas greater than 2,000 square feet.	14 days
After construction of dikes, swales, diversions, and other concentrated flow areas	5 days
When slopes are steeper than 3 horizontal to 1 vertical	7 days
When slopes are greater than 3% and longer than 150 feet.	14 days
Perimeter controls around soil stockpiles.	End of workday
Stabilization or covering of inactive stockpiles.	30 days
When land disturbance is completed, permanent soil stabilization must be installed.	30 days