1 2	Amend S	Section 645 – Traffic Control Devices to read as follows:	
3		"SECTION 645 - WORK ZONE TRAFFIC CONTROL	
4 5			
6	645.01	Description. This section describes the following:	
7 8 9 10 11		A) Furnishing, installing, maintaining and subsequently ren one traffic control devices, and personnel. Work zone traffic o clude providing flaggers and police officers.	•
11 12 13 14 15 16 17 18 19	pa ne pu ar	B) Keeping roads for public traffic open and in passable roviding and maintaining temporary access crossings for trails, arking lots, garages, residences, farms, parks, and other drives ecessary work precautions for the protection, safety, and conver ublic; should pedestrian facilities exist, taking necessary measu nd accessible passage, with route information and ADAAG con edestrians traveling through or near work zone.	businesses, ways; taking nience of the ures for safe
20 21 22 23 24	28	C) Taking safety and precautionary measures, such as badway obstructions during hours of darkness, in accordance v 36, HRS; Title 19, Subtitle 5, Chapters 127, 128, and 129 NUTCD.	vith Chapter
25	645.02	Materials.	
26 27	Signs		750.01
28 29 20	Sign Pos	sts	750.02
30 31 22	Fastener	rs for Signs and Route Markers	750.03
32 33 34	Reflector	r Marker	750.07
35	Flexible I	Delineator Posts and Reflectors	750.08
36 37	Traffic De	elineators	750.09
38 39	Preforme	ed Pavement Marking Tape	755.04
40 41 42 43 44 45 46	drawings complian cones, v	ubmit electronic crashworthy documentation, including but no s in pdf and cadd, crash test reports, and FHWA eligibility lettence with MASH 2016, for signs, sign supports, barricades, tubu vertical panels, and other traffic control devices. Only devic crashworthy will be allowed.	ers certifying lar markers,

47 Upon request of the Engineer, furnish self-certified MASH 2016 compliant 48 letter from vendor for each type of Category 1 traffic control device, as defined by 49 FHWA and/or AASHTO, including single-piece traffic cone, single-piece drum, and 50 tubular marker.

51

52 Use of new signs, sign supports, barricades, cones, vertical panels, drums, 53 tubular markers, and other traffic control devices that are not certified to be MASH 54 2016 compliant will not be allowed after December 31, 2019.

55

56 Traffic control devices, including signs, barricades, warning lights, arrow 57 boards, portable changeable message signs, cones, tubular markers, and temporary 58 concrete barriers shall conform to the American Traffic Safety Services Association 59 (ATSSA), *Quality Guidelines for Temporary Traffic Control Devices and Features* and 60 the *MUTCD*.

61

69

Other traffic control devices including barricades, warning signs, lights, and
temporary signals shall conform to Title 19, Subtitle 5, Chapters 127, 128, and 129,
HAR. Retroreflectorization for protective devices such as barricades, tubular
markers, and warning signs shall conform to Subsection 750.01 – Signs.

67 **645.03 Construction.** Furnish, install, and maintain barricades, signs, cones, 68 delineators, lights, flashing signals, and other traffic control devices.

Furnish one (1) police officer for each location that requires work zone traffic control, unless otherwise requested by the State. If TCP is included in the contract documents, furnish number of police officers indicated in TCP, whichever is greater.

Furnishing, deploying, maintaining, and subsequently removing two (2) portable changeable message signs (i.e., electronic message boards) for both approaches to project work zone, at locations accepted by the Engineer, seven (7) days prior to start of road work.

When directing traffic, flaggers or police officers, or both shall be in direct communication with each other.

81
 82 TCP Development. Contractor shall develop site-specific Traffic Control Plan
 83 (TCP) and work schedule based on work hours and lane closure restrictions
 84 stipulated in the contract documents.

85

TCP shall be developed after Contractor conducted field investigation of traffic conditions, including but not limited to, traffic volume counts taken during anticipated work hours, detour routes, interchange ramp & city street traffic signal timing, and public gathering places such as schools, businesses and shopping malls within the project limits and surrounding areas.

- 91
- 92

If excessive work zone traffic delays within project limits were observed during
 construction, the State reserves the rights to suspend TCP if Contractor failed to
 adjust his work and/or TCP to address traffic concerns brought forth by the State in a
 timely and responsive manner.

If TCP affects City & County of Honolulu streets, such as but not limited to,
 traffic detours onto City streets, or traffic control devices placed on City streets, a City
 & County of Honolulu, Department of Transportation services (DTS) Permit for Street
 Usage shall be obtained prior to starting work. A TCP stamped by a registered Civil
 Engineer from the State of Hawaii may be required to obtain the DTS Permit for
 Street Usage.

TCP Submittal. Submit TCP and work schedule for review and acceptance106following the procedures established in Subsection 105.04 – Review and Acceptance107Process.108work in each area.109following the procedures established in Subsection 105.04 – Review and Accepted TCP109following the procedures established in Subsection 105.04 – Review and Acceptance110Process.110Illegible TCP will not be accepted.

- Include the following in TCP and schedule:
- (1) Signs (type, size, designation, and placement).
- **(2)** Traffic movements shown by arrows.
- 118 (3) Positions of flaggers and police officers.

120(4)Barricades, cones, delineators, and additional traffic control devices121and measures necessary for protection of work and public safety; and122placement, spacing, distances, and reference points for traffic control devices.

- **(5)** Layout, drawn to scale, of traffic control devices, including information 125 needed to layout TCP.
- **(6)** Brief description of work.
- **(7)** Dates of work.
- 131 (8) Times of day affected.
- 133 (9) Proposed public information sign.
- 135 (10) Proposed news release.
- 137 (11) For lane closures indicate the max. length of roadway to be closed.

139 For mobile operations such as rumble strip milling and striping, provide (12) 140 instruction details for warning sign and flagger deployment. 141 142 (13) Minimum lane width and offset distances to adjacent roadway elements 143 (e.g., bridge railing, guardrail, portable concrete barrier, etc.) 144 145 Eradicate conflicting pavement striping per Sec. 629.03(D) – Removal (14) 146 of Existing Pavement Markings. Eradication of existing markings by painting 147 over them will not be allowed. 148 149 (15) If the work will affect a pedestrian or bike route, show an alternative 150 route and provide appropriate warning signs. 151 152 Place sign or device situated farthest upstream from work zone first. Then 153 place others progressively downstream toward work zone. 154 Extend cones or delineators to point where cones or delineators are visible to 155 156 approaching traffic. 157 158 For signs with messages on both faces, cover inapplicable message before 159 placement. 160 161 Keep barriers, end treatments, barricades, construction and warning signs, and other traffic control devices in good condition. Repair, clean, or replace barriers, 162 163 end treatments, barricades, signs, or other devices as required to maintain 164 effectiveness and appearance. The Engineer will solely decide if the barriers, end treatments, barricades, signs, or other traffic control devices are in suitable condition 165 166 to remain or needs cleaning, repair, or other actions. 167 168 Remove or cover regulatory and warning signs that conflict with TCP. Restore signs upon completion of work or as ordered by the Engineer. Affix object markers to 169 170 post(s) of covered sign. 171 172 Promptly remove or cover construction and warning signs that are not 173 applicable or not in use. 174 175 Promptly remove traffic control devices that are no longer needed. 176 177 Remove traffic control devices in reverse order of installation, starting closest 178 to work zone and continuing away from work zone. 179 180 Maintain abutting owners' existing access until replacement access is usable. Obtain permission from abutting owners, including conditions for closing existing 181 182 access. Submit copy of agreement with abutting owners before beginning work in 183 the affected area. 184

185 When working on existing facility that will be kept open to traffic, provide 186 smooth and even surface for public traffic use. Only work on a portion of roadway at 187 one time, and stage construction from one side to other while routing traffic over 188 opposite side.

189

During subgrade and paving operations, paved shoulders may be used for
public traffic.

Do not store work zone signs, if not in use, sign stands, material or equipment where it will interfere with public traffic. Remove equipment and other obstructions out of right-of-way or clear zone to permit free and safe passage of public traffic during non-working hours or suspension of work. For storage of materials and equipment, see Subsection 105.14 – Storage and Handling of Materials and Equipment.

199

Notify Fire Department, in writing, at least 24 hours before blocking or closing road access. Keep fire hydrants accessible to Fire Department by not placing material or other obstructions within five feet of fire hydrant or closer than permitted by applicable ordinances, rules, and regulations.

Notify the Engineer and County, including Bus Systems Division, Police
 Department, Fire Department, Emergency Medical Services, and Department of
 Health in writing at least five days before start of construction.

- (A) Signs. Install signs sufficiently ahead of location where operations
 may interfere with use of road by traffic and at intermediate points where new
 work crosses or coincides with existing road.
- 212 213

220

221 222

223 224

225

226

Place signs in accordance with TCP as accepted by the Engineer.

(B) Construction Signs. Erect post-mounted construction signs at the
 beginning of project and at the end of project at the location indicated by the
 Engineer. These signs shall remain for the duration of the highway project.
 Maintain these signs. Place these signs besides the required traffic control
 signs called for herein.

Furnishing, installing, maintaining, and subsequently removing two (2) sets of post-mounted construction signs as ordered by the Engineer.

Install post-mounted construction signs on each main approach to the project work zone, excluding any ramps or side roads/streets.

The construction signs shall be new and become the property of the
 Contractor, when the project obtains final acceptance or when directed by
 the Engineer.

231 (C) Barricades

(1) **General.** Provide, erect, and maintain necessary barricades suitable for protection of work and safety of the public.

Barricades shall be in good condition. Barricade application and installation shall be in accordance with accepted TCP.

- Provide sand bags if required or ordered by the Engineer. Sand bags and installation method shall comply with *MUTCD* and be accepted by the Engineer prior to use. Do not place sand bags on striped barricade rail.
 - During hours of darkness, install steady burn lamps on barricades selected by the Engineer. Flashing lamps must not be used, unless directed by the Engineer or required by the Contract Documents. Attach lamps on barricade ends closest to traveled way and visible to oncoming traffic. Replace non-functioning lamps within 24 hours of discovery. Perform nighttime inspection of the lamps and work zone devices every 48 hours.

Do not install signs on barricades unless signs and barricades have been crash tested as a unit and accepted under MASH 2016.

(2) Retroreflectorization. Retroreflectorize barricade rails and attachment with retroreflective sheeting in accordance with Subsection 750.01(C)(4) - Type III or IV Retroreflective Sheeting (High Intensity) or Subsection 750.01(C)(5) - Hardened Aluminum-Backed Retroreflective Sheeting.

Retroreflectorize both vertical faces of each barricade rail.

(3) **Color.** Provide white colored rails, frames, and braces with front and back rail faces having 6-inch-wide alternating orange or red and white stripes sloping downward toward traveled way at angle of 45 degrees from vertical. Use stripe colors in accordance with the following:

- (a) Use orange and white stripes for the following conditions:
 - **1.** Construction work.
 - 2. Detours.
- **3.** Maintenance work.
 - 7012A-01-21 645-6a

277	(b)	Use red and white stripes for the following conditions:
278		
279 280		1. On roadways with no outlet, such as dead-ends and cul-de-sacs.
280 281		
282		2. Ramps or lanes closed for operational purposes.
283		
284		3. Permanent or semi-permanent closure or
285		termination of roadway.
286		
287 (4)		tenance. Keep barricades in good condition. Repair,
•		an, or replace barricades to maintain effectiveness and
•	•	. Immediately replace missing or damaged barricades, bags, and other accepted weights.
290 iai	npo, oana	bags, and other accepted weights.
292	Clear	and repair barricades immediately when effectiveness is
293 im		when directed by the Engineer and before relocating to
	ner locatio	ns.
295		
()		neators. Install traffic delineators in accordance with
297 accepted	ICP.	
298 299 Ma	vintoin tro	ffic delineators in good condition. Immediately replace
		ffic delineators in good condition. Immediately replace d traffic delineators.
301 missing e	n damage	
	ean deline	ator immediately when effectiveness is impaired or when
		gineer and before relocating to a new location.
304		
· · ·	ones. Inst	all traffic cones in accordance with accepted TCP.
306		
		ffic cones. Keep traffic cones clean and in good repair.
309 Inimediat	ely lepiac	e lost, stolen, or damaged traffic cones.
	ean cone	s immediately when effectiveness is impaired or when
		gineer and before relocating to a new location.
312		
. ,		res. Lane closures will be allowed only from 8:30 a.m. to
		through Friday. Placement and removal of all work zone
		travel lanes, such as arrow boards, cones, etc., are
316 restricted 317	to allowa	ble closure times.
	neure of o	nly one lane of traffic will be allowed during lane-closure
		open to traffic and allow flow at normal posted speed limit
		sure hours.
321		
322 Ex	ceptions t	o lane closure hours specified require written acceptance

323	by the Engineer. No increase in contract price or contract time will be given
324 325	for lane closure restrictions specified.
326 327	See Section 107.03 – Working Hours, Night Work of the project Special Provisions for description of Noise Variance hours, noise control conditions
328 329	and restrictions during weekend and night work.
330 331	For island of Oahu, no lane closures will be allowed during 24-hour periods as follows:
332 333 334	(1) Day preceding holiday (3:00 p.m. to Midnight), except as otherwise specified.
335 336 227	(2) Holidays (Midnight to Midnight).
337 338 339	(3) Thanksgiving weekend (Thursday to Sunday).
340	(4) Three-week holiday period for Christmas and New Year.
341 342	(5) One-week "Beat-the-School-Jam" period, to be determined,
343	beginning approximately third week of August (first week of University
344 345	of Hawaii Manoa Session).
346	(6) Other dates of events indicated in the contract documents.
347 348	No time extension will be given for the above restrictions. The
349	contract time for the project has accounted for any loss of time due to the
350 351	above restrictions.
352	If applicable, coordinate lane closures with adjacent project(s) at no
353	increase in contract price or contract time.
354 355	Rental fees will be assessed in accordance with Subsection 108.09 –
356	Rental Fees for Unauthorized Lane Closure or Occupancy, for failure to open
357 358	lanes to traffic during peak hours. Morning and afternoon peak hours shall be from 5:30 a.m. to 8:30 a.m. and 3:00 p.m. to 6:00 p.m., respectively, Monday
359	through Friday.
360	
361 362	Before scheduling work, submit requests for detours and lane closures as follows:
363	
364	(1) Detours - 8 weeks before implementing detours.
365 366	(2) Lane closures - 6 weeks before implementing lane closures.
367	(2) Lane closures - 6 weeks before implementing lane closures.
368	Include the following with detour and lane closure requests:
369	

370 (a) Explanation of proposed changes to existing traffic
 371 pattern.
 372

(b) Installation schedule for informational and traffic control signs.

(c) Publication schedule for legal notices.

(d) Plan showing proposed informational signs.

(e) Plan showing lane changes or detours in accordance with accepted TCP, including details at beginning of multi-lane highway lane changes and detours.

Detours or lane closures will not be allowed before the Engineer accepts detour or lane closure request.

	TA	BLE 645	-I - FOR T	RAFFIC COI		PLAN	
POSTED SPEED	SIGN SPACING			LONGI- TUDINAL BUFFER	SPACING OF CONES OR DELINEATORS (FEET)		
LIMIT (M.P.H.)	(D) (FEET)	W = 12' OR LESS	W = GREATER THAN 12' [*]	SPACE (B) (FEET)	TAPER	TANGEN T	WORK AREA
20	250	200	W x 17	35	20	20	10
25	250	200	W x 17	55	25	25	10
30	250	250	W x 20	85	30	30	10
35	250	250	W x 20	120	35	35	10
40	500	350	W x 30	170	40	40	10
45	500	550	W x 45	220	45	45	10
50	1000	600	W x 50	280	50	50	10
55	1000	700	W x 55	335	55	55	10
* W = width of lane or shoulder							

 (G) Advisory Signs. Submit advisory sign shop drawings. Furnish, install, maintain and remove two (2) advisory as ordered by the Engineer.

Place signs at locations designated by the Engineer. Provide signs, minimum 8 feet wide by 4 feet high, with black letters on orange background, and with three 4.00 pounds/foot flanged channel posts for each sign.

Include starting date and hours of construction in sign message. Use
 letter heights of 8 inches, Series D. The Engineer will review and accept
 advisory signs' wording before fabrication. Install advisory signs two weeks
 before start of construction. Remove advisory signs immediately after

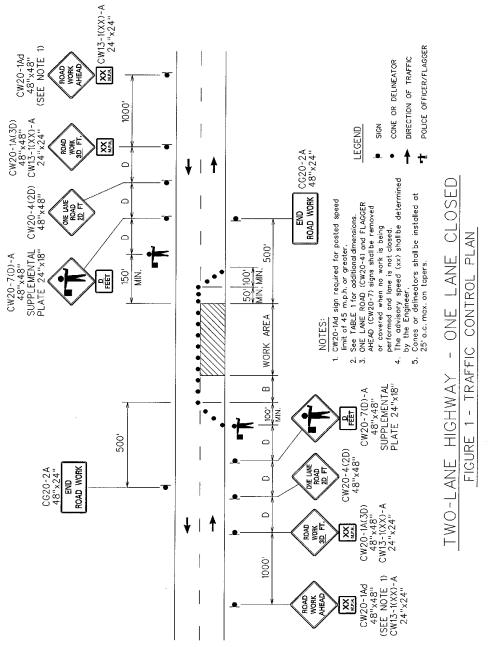
399 400	constr	ruction	has be	en completed or as ordered by the Engineer.
400	<i>/</i> 1/N	A al		
401	(H)			ent. Place advertisement in newspaper, as ordered by
402	Engin	eer, tor	r the to	llowing traffic pattern changes or night work:
403				
404		(1)	Detou	irs.
405				
406		(2)	Lane	closure.
407				
408		(3)	Perma	anent road closure.
409				
410		(4)	Perma	anent new route that changes previous route.
411		()		0
412		Includ	le the fo	ollowing information:
413				
414			(a)	Map of traffic pattern change limits.
415			(4)	map of traine pation of ange innite.
416			(b)	Map showing lane(s) closure and detour pattern.
417			(6)	
418			(c)	Notice of starting and ending dates and duration.
419			(0)	
420			(d)	Explanation of lane(s) closure or detours in "Notice To
420			(u) Motor	
421			WOU	
423		Qualit	v of mo	ap shall conform to the following requirements:
423		Quain	y OI IIIc	ap shall comorn to the following requirements.
424		(1)	No fro	ehand printing or penciling.
425		(1)	NUTE	
420		(2)	Liabli	abt important factures by derkoning proce betching
427		• •	•	ght important features by darkening, cross-hatching,
428 429		00551	ng-out,	, or coloring important words, as necessary.
		(2)	Drovia	to mone with minimum cize of five columns wide and four
430		(3)		te maps with minimum size of five columns wide and four
431				p. Lesser width columns may be considered to balance
432		agains	st size	of drawing.
433			- ,	
434		(4)	l ext s	specifications.
435				
436			(a)	Work being featured - 3/16-inch text.
437				
438			(b)	Major roads and features - 1/8-inch text.
439				
440			(c)	Other roads and features- first letter of sentence upper
441			case.	
442				
443			(d)	"NOTICE TO MOTORIST" in upper case.
444				

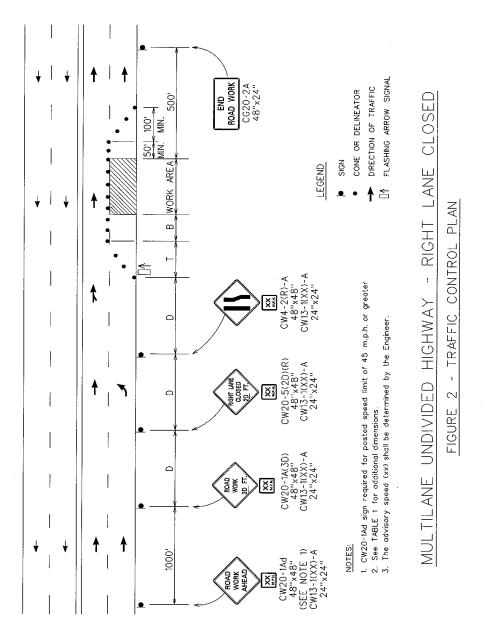
445		(e)	Message - first letter of sentence upper case.
446	(E)	Line	Thickness
447 448	(5)	Line	Thickness.
449		(a)	Important feature being advertised - line thicker than rest
450		ofma	
451			
452		(b)	Directional arrow - bolder than rest of lines shown on
453		map,	when important, to show route traffic should use.
454 455	(6)	Show	reference direction such as "TO HONOLULU" with arrow.
455 456	(0)	SHOW	reference direction such as TO HONOLOLO with anow.
457	Subr	nit the f	ollowing:
458			5
459	(1)		ce to Motorists" before placement in newspaper, six weeks
460	befor	e start	of work.
461	(0)	A atur	al size of notice to be nublished in neuronener. The
462 463	(2) Engir		al size of notice to be published in newspaper. The ill not allow size reduction of notices once accepted.
464			, camera-ready "Notice to Motorists" advertisement.
465	Cubi	ine initial	
466	Place	e adver	tisement for three consecutive days and within one week
467	before traffic	c patter	n changes, in publication as ordered by the Engineer.
468	C45.04 Magazin		
469	645.04 Measure	ement.	
469 470			ol as specified in Subsection 645.03 - Construction will be
469 470 471	(A) Traffi	c contr	ol as specified in Subsection 645.03 - Construction will be ontract lump sum basis and will not include any work
469 470	(A) Traffi measured c	c contr on a co	ol as specified in Subsection 645.03 - Construction will be ontract lump sum basis and will not include any work other specific traffic control contract bid items.
469 470 471 472 473 474	(A) Traffi measured o performed	c contr on a co under	ontract lump sum basis and will not include any work
469 470 471 472 473 474 475	(A) Traffi measured o performed Measureme	c contr on a co under nt for p	ontract lump sum basis and will not include any work other specific traffic control contract bid items. payment will not apply.
469 470 471 472 473 474 475 476	(A) Traffi measured o performed Measureme (B) The B	c contr on a co under nt for p Engineo	ontract lump sum basis and will not include any work other specific traffic control contract bid items. bayment will not apply. er will measure additional police officers, additional traffic
469 470 471 472 473 474 475 476 477	(A) Traffi measured o performed Measureme (B) The E control devic	c contr on a co under nt for p Engineo ces, ar	ontract lump sum basis and will not include any work other specific traffic control contract bid items. bayment will not apply. er will measure additional police officers, additional traffic ad advertisement, if ordered by the Engineer, on a force
469 470 471 472 473 474 475 476 477 478	 (A) Traffi measured of performed Measureme (B) The E control devise account base 	c contr on a co under nt for p Engineo ces, ar sis, in	ontract lump sum basis and will not include any work other specific traffic control contract bid items. bayment will not apply. er will measure additional police officers, additional traffic ad advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account
469 470 471 472 473 474 475 476 477 478 479	(A) Traffi measured o performed Measureme (B) The E control devic	c contr on a co under nt for p Engineo ces, ar sis, in	ontract lump sum basis and will not include any work other specific traffic control contract bid items. bayment will not apply. er will measure additional police officers, additional traffic ad advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account
469 470 471 472 473 474 475 476 477 478	 (A) Traffi measured of performed Measureme (B) The E control devia account base Provisions a 	c contr on a co under nt for p Engineo ces, ar sis, in and Col	ontract lump sum basis and will not include any work other specific traffic control contract bid items. bayment will not apply. er will measure additional police officers, additional traffic ad advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account
469 470 471 472 473 474 475 476 477 478 479 480	 (A) Traffi measured of performed Measureme (B) The E control devia account bas Provisions a (C) The Tagging Control devisions a 	c contr on a co under nt for p Engineo ces, ar sis, in and Cou two (2	ontract lump sum basis and will not include any work other specific traffic control contract bid items. bayment will not apply. er will measure additional police officers, additional traffic ad advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account mpensation.
469 470 471 472 473 474 475 476 477 478 479 480 481 482 483	 (A) Traffing measured of performed Measureme (B) The Encontrol deviation of the Enginee 	c contr on a co under nt for p Engineo ces, ar sis, in and Co two (2 pards) f er, sha	 ontract lump sum basis and will not include any work other specific traffic control contract bid items. bayment will not apply. er will measure additional police officers, additional traffic advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account mpensation.) portable changeable message signs (i.e., electronic or both approaches to project work zone, as accepted by II not be paid for separately and shall be considered
469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484	 (A) Traffing measured of performed Measureme (B) The Encontrol deviation of the Enginee 	c contr on a co under nt for p Engineo ces, ar sis, in and Co two (2 pards) f er, sha	 ontract lump sum basis and will not include any work other specific traffic control contract bid items. bayment will not apply. er will measure additional police officers, additional traffic advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account mpensation.) portable changeable message signs (i.e., electronic for both approaches to project work zone, as accepted by
469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485	 (A) Traffing measured of performed Measureme (B) The Econtrol deviation account base Provisions at (C) The message boot the Engineer incidental to the engine	c contr on a co under nt for p Engineo ces, ar sis, in and Cor two (2 pards) f er, sha o the co	 ontract lump sum basis and will not include any work other specific traffic control contract bid items. Dayment will not apply. er will measure additional police officers, additional traffic advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account mpensation.) portable changeable message signs (i.e., electronic for both approaches to project work zone, as accepted by II not be paid for separately and shall be considered ontract item No. 645.1000, Traffic Control.
469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486	 (A) Traffing measured of performed Measureme (B) The Econtrol deviation account base Provisions at the Engineer incidental to 645.05 Paymen 	c contr on a co under nt for p Engineo ces, ar sis, in and Coo two (2 pards) f er, sha the co the co t . The	 ontract lump sum basis and will not include any work other specific traffic control contract bid items. Dayment will not apply. er will measure additional police officers, additional traffic advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account mpensation.) portable changeable message signs (i.e., electronic for both approaches to project work zone, as accepted by II not be paid for separately and shall be considered ontract item No. 645.1000, Traffic Control. Engineer will pay for the accepted traffic control, additional
469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487	 (A) Traffing measured of performed Measureme (B) The Econtrol deviation account base Provisions at the Engineer incidental to 645.05 Paymen police officers, add 	c contr on a co under nt for p Engined ces, ar sis, in and Col two (2 pards) f er, sha the co the co t . The litional	 ontract lump sum basis and will not include any work other specific traffic control contract bid items. Dayment will not apply. er will measure additional police officers, additional traffic advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account mpensation.) portable changeable message signs (i.e., electronic or both approaches to project work zone, as accepted by II not be paid for separately and shall be considered ontract item No. 645.1000, Traffic Control. Engineer will pay for the accepted traffic control, additional traffic control devices, specific traffic control contract bid
469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488	 (A) Traffing measured of performed Measureme (B) The Econtrol deviation account base Provisions at (C) The message booms the Engineer incidental to 645.05 Paymen police officers, additems and advertise 	c contr on a co under nt for p Engined ces, ar sis, in and Col two (2 pards) f er, sha the co the co the co the co	 ontract lump sum basis and will not include any work other specific traffic control contract bid items. Dayment will not apply. er will measure additional police officers, additional traffic advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account mpensation.) portable changeable message signs (i.e., electronic for both approaches to project work zone, as accepted by II not be paid for separately and shall be considered ontract item No. 645.1000, Traffic Control. Engineer will pay for the accepted traffic control, additional traffic control devices, specific traffic control contract bid at the contract price per pay unit, as shown in the proposal
469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487	 (A) Traffing measured of performed Measureme (B) The Econtrol deviation account base Provisions at (C) The message booms the Engineer incidental to 645.05 Paymen police officers, additems and advertise 	c contr on a co under nt for p Engine ces, ar sis, in and Co two (2 bards) f er, sha the co t . The litional ement a at will b	 ontract lump sum basis and will not include any work other specific traffic control contract bid items. Dayment will not apply. er will measure additional police officers, additional traffic advertisement, if ordered by the Engineer, on a force accordance with Subsection 109.06 - Force Account mpensation.) portable changeable message signs (i.e., electronic or both approaches to project work zone, as accepted by II not be paid for separately and shall be considered intract item No. 645.1000, Traffic Control. Engineer will pay for the accepted traffic control, additional traffic control devices, specific traffic control contract bid at the contract price per pay unit, as shown in the proposal e full compensation for the work prescribed in this section

491
492 The Engineer will pay for the following pay items when included in the
493 proposal schedule:

- 495 Pay Unit Pay Item 496 497 Traffic Control Lump Sum 498 499 Additional Police Officers, Additional Traffic Control Devices, 500 and Advertisement Force Account 501 502 An estimated amount for the force account may be allocated in the proposal 503 schedule under "Additional Police Officers and Additional Traffic Control Devices", 504 but the actual amount to be paid will be the sum shown on the accepted force account records, whether this sum be more or less than the estimated amount 505 506 allocated in the proposal schedule. 507 508 The Engineer will not pay for request submittals. The Engineer will not consider claims for additional compensation of late submittals or requests by 509
- 510 Contractor.
- 511

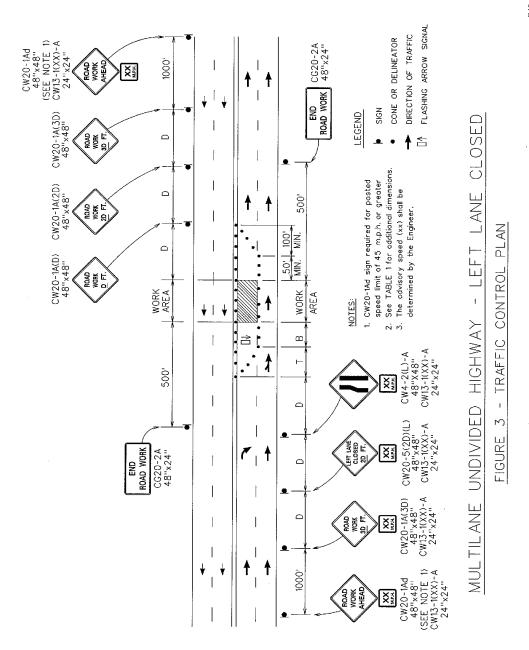
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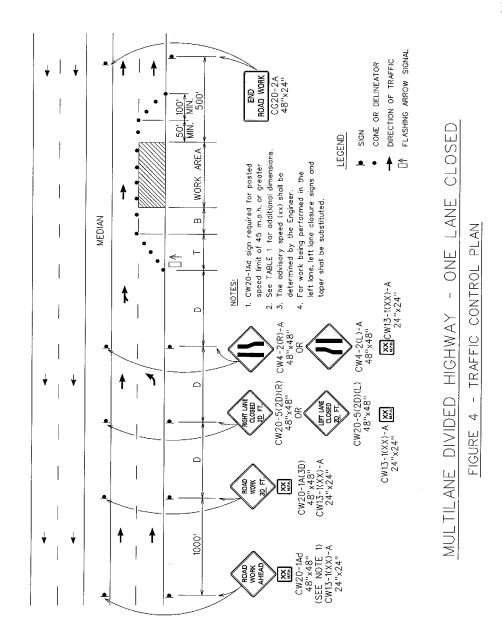


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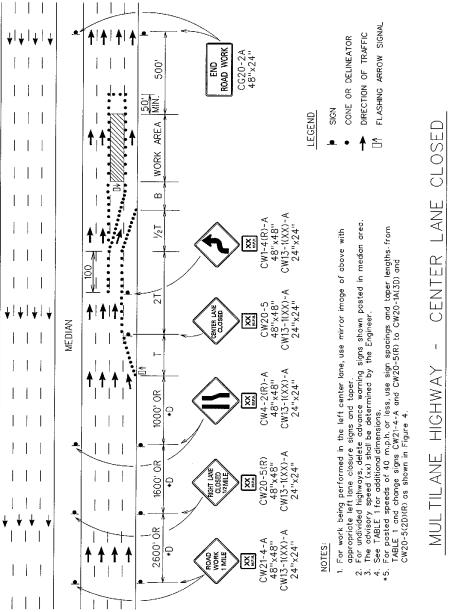
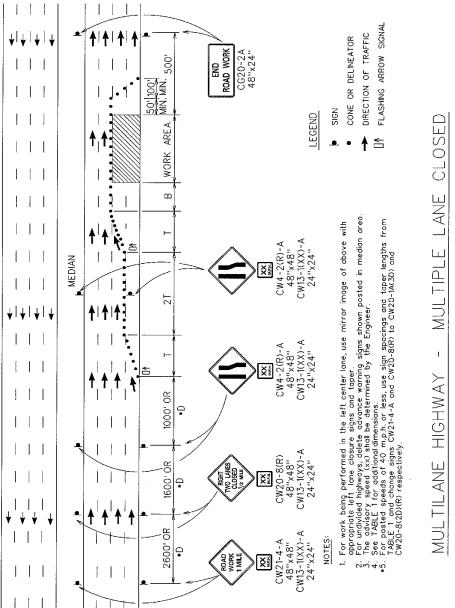
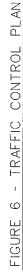


FIGURE 5 - TRAFFIC CONTROL PLAN

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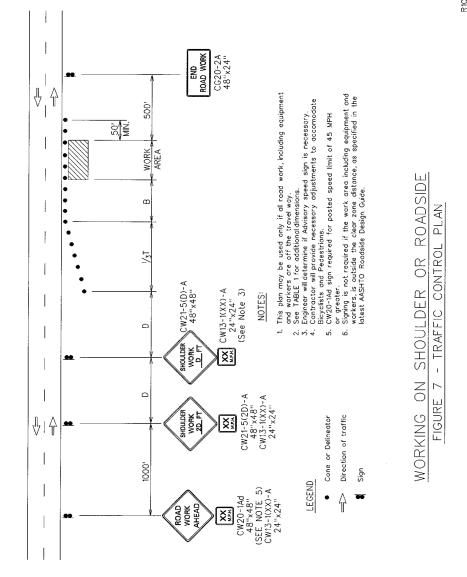
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END OF SECTION 645