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### ITEM 614, MAINTAINING TRAFFIC

A MINIMUM OF **1-LANE** OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES BY USE OF THE EXISTING PAVEMENT AND STANDARD DRAWING MT-97.12.

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES INCLUDING

AT NO TIME SHALL TRAFFIC BE MAINTAINED ON THE PLANED SURFACE, AT LEAST ONE COURSE OF ASPHALT CONCRETE SHALL BE IN PLACE BEFORE OPENING TO TRAFFIC. THIS RULE DOES NOT APPLY TO PLANING AT BRIDGES OR ACROSS BRIDGES UNLESS THE BRIDGE IS BEING TREATED THE SAME AS THE ADJACENT ROADWAY.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. THE MAXIMUM LANE CLOSURE LENGTH SHALL BE PER MT-97.12. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT, IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

### INTERIM COMPLETION DATE

ALL PAVEMENT REPAIRS SHALL BE COMPLETED BY OCTOBER 31ST, 2020.

## **WINDOW CONTRACT TABLE**

DESCRIPTION OF CRITICAL WORK	CALENDAR DAYS	DISINCENTIVE (\$ PER TIME UNIT)
ALL WORK ON PROJECT EXCEPT PAVEMENT REPAIRS	90	PER CMS 108.07

# **NOTIFICATION OF ROAD CLOSURE OR RESTRICTIONS**

THE CONTRACTOR WILL ADVISE THE PROJECT ENGINEER A MINIMUM OF TWENTY ONE (21) DAYS PRIOR TO THE FOLLOWING: THE START OF CONSTRUCTION ACTIVITIES. LANE RESTRICTIONS. LANE CLOSURES. AND/OR ROAD CLOSURES. THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE FOLLOWING:

DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY FAX AT (614) 887-4510 OR EMAIL AT D05.PIO@DOT.OHIO.GOV

DISTRICT PERMIT SECTION BY FAX AT (614) 887-4525 OR EMAIL AT BRIAN.BOSCH@DOT.OHIO.GOV

CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION BY FAX AT (614) 728-4099 OR EMAIL AT HAULING.PERMITS@DOT.OHIO.GOV

THE PIO WILL, IN TURN, NOTIFY THE PUBLIC, THE LOCAL EMERGENCY SERVICES, AFFECTED SCHOOLS AND BUSINESSES, AND ANY OTHER IMPACTED LOCAL PUBLIC AGENCY OF ANY OF THE ABOVE MENTIONED ITEMS. VIA MEDIA SOURCES.

### **BUTT JOINT**

A BUTT JOINT WILL BE REQUIRED AT LOCATIONS SPECIFIED BELOW AND AT THE EXTRA AREAS WITH WEARING COURSE REMOVED.

BUTT JOINTS SHALL BE AS PER STANDARD CONSTRUCTION DRAWING BP-3.1 UNLESS OTHERWISE SHOWN IN THE PLANS. PAYMENT FOR GRINDING BUTT JOINTS SHALL BE INCLUDED WITH PAVEMENT PLANING.

THE MINIMUM ASPHALT WEDGE LENGTH AT BUTT JOINTS SHALL BE 10'. THE GRINDING FOR BUTT JOINTS SHALL BE INCLUDED WITH ITEM 254. PAVEMENT PLANING, ASPHALT CONCRETE.

LOCATION	ROUTE	DESCRIPTION	S.L.M.	ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC CU. YD.
1	U.S. 22	BEGIN WORK	15.16	1.2
		BRIDGE: GUE-22-1924		1.0
		BRIDGE: GUE-22-2057		1.0
		BRIDGE: GUE-22-2911		1.0
		END WORK	31.04	1.0
		TOTAL		5.2
2	S.R. 800	BEGIN WORK	0.00	1.0
		END WORK	2.48	1.0
		TOTAL		2.0

#### **DROP-OFFS IN WORK ZONES**

DROP-OFFS THAT DEVELOP DURING CONSTRUCTION OPERATIONS AND THAT ARE NOT OTHERWISE PROVIDED FOR IN THE PLANS SHALL BE TREATED AS SHOWN ON STANDARD DRAWING MT-101.90. WHERE THE PLANS DO NOT PROVIDE SPECIFIC ITEMS FOR LABOR, EQUIPMENT, OR MATERIALS TO IMPLEMENT THE DROP-OFF TREATMENTS SPECIFIED. THEY SHALL BE INCLUDED FOR PAYMENT IN THE LUMP SUM BID FOR ITEM 614. MAINTAINING TRAFFIC.

### **COOPERATION BETWEEN CONTRACTORS**

THE STATE OF OHIO HAS CONTRACTED PROJECT GUE SALT FORK RESURFACING FY20, PID 108759 WHICH MAY BE CONSTRUCTED CONCURRENTLY WITH THIS PROJECT. IT IS IMPERATIVE THAT THE CONTRACTORS COOPERATE FULLY WITH EACH OTHER AS OUTLINED IN SECTION 105.08 OF THE CMS MANUAL. ALL MAINTENANCE OF TRAFFIC SHALL BE COORDINATED BETWEEN PROJECTS AND NOT CONFLICT WITH ONE ANOTHER.

### ITEM 614, WORK ZONE MARKING SIGN

IN ACCORDANCE WITH CMS SECTION 614.04, THE QUANTITIES OF WORK ZONE MARKING SIGN TO BE USED AS DIRECTED BY THE ENGINEER:

R4-1 (DO NOT PASS):

LOCATION 1: 52 EACH LOCATION 2: 10 EACH

R4-2 (PASS WITH CARE):

LOCATION 1: 21 EACH LOCATION 2: 3 EACH

W8-H12A (NO EDGE LINES):

LOCATION 1: 34 EACH LOCATION 2: 6 EACH

ALL "NO EDGE LINE" SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

ANY REVISIONS TO THE CENTER LINE PASSING/NO PASSING LOGS SHALL BE REFLECTED IN THE WORK ZONE SIGNING.

IN ADDITION. THE CONTRACTOR SHALL ERECT A "GROOVED PAVEMENT" SIGN 250 FEET IN ADVANCE OF ANY SECTION OF ROADWAY WHERE TRAFFIC MUST TRAVEL ON A PLANED SURFACE. "GROOVED PAVEMENT" SIGNS SHALL BE INCLUDED FOR PAYMENT WITH THE LUMP SUM BID FOR ITEM 614, MAINTAINING TRAFFIC AS PER CMS SECTION 614.055.

ITEM 614, WORK ZONE MARKING SIGN

LOCATION 1: 107 EACH LOCATION 2: 19 EACH

### ITEM 614, WORK ZONE PAVEMENT MARKINGS

THE CONTRACTOR SHALL PLACE ALL WORK ZONE PAVEMENT MARKINGS IN ACCORDANCE WITH CMS 614.11 AND STANDARD DRAWING MT-99.20 UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE QUANTITIES BELOW ARE FOR PLACEMENT OF TEMPORARY MARKINGS ON THE SURFACE AND INTERMEDIATE COURSES.

ITEM 614, WORK ZONE CENTER LINE, CLASS I, 642 PAINT (INTERMEDIATE COURSE)

LOCATION 1: 15.88 MILE

LOCATION 2: 2.48 MILE

ITEM 614, WORK ZONE CENTER LINE, CLASS III, 642 PAINT (SURFACE COURSE)

LOCATION 1: 15.88 MILE

LOCATION 2: 2.48 MILE

ITEM 614, WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT (PAVEMENT REPAIR LOCATIONS)

LOCATION 1: 2.30 MILE LOCATION 2: 0.70 MILE

ITEM 614. WORK ZONE CHANNELIZING LINE. CLASS I. 8". 642 PAINT (INTERMEDIATE)

LOCATION 1: 1,160 FT

ITEM 614, WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT (SURFACE)

LOCATION 1: 1,160 FT

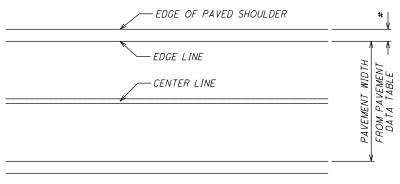
1	11	
$\Box$	19	

						EDO	GE LINE DA	ΓΑ	$\sim$	
						INFORMA	TION ONLY	618	644	
L O C A T I	C O U N T	R O U T E	S.I	<b>∟.M</b> .	TOTAL LENGTH (MILES)		DGE LINE	RUMBLE STRIPES, EDGE LINE (ASPHALT	EDGE LINE, 6"	REMARKS
O N	Y			T	-	TOTAL	HIGHWAY	CONCRETE)		
			FROM	то		MILES	MILES	MILE	MILE	1
1	GUE	U.S. 22	15.16	17.50	2.34	4.68	4.68	4.68	4.68	SLM TO FOGLE RD.
			17.50	23.70	6.20	12.40	12.40		12.40	FOGLE RD. TO SLM (NO RUMBLES)
			23.70	27.20	3.50	7.00	7.00	7.00	7.00	
			27.20	27.64	0.44	0.88	0.88		0.88	LONDONDERRY (NO RUMBLES IN 45 MPH ZONE)
			27.64	30.87	3.23	6.46	6.46	6.46	6.46	
			30.87	31.04	0.17	0.34	0.34		0.34	END AT HAR. CO. (NO RUMBLES IN 45 MPH ZONE)
	LOCATION	I N 1 TOTALS	L (CARRIED TO	L D SUB-SUMM	ARY)			18.14	31.76	
2	GUE	S.R. 800	0.00	2.48	2.48	4.96	4.96		4.96	BEL. CO. TO U.S. 22
	LOCATION	N 2 TOTALS	(CARRIED TO	I D SUB-SUMM	ARY)				4.96	

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# EDGE LINES SHALL BE PLACED A MINIMUM OF 6" FROM EDGE OF PAVED SHOULDER

						CENTER	LINE DATA	m	
						INFORM	MATION ONLY	644 }	
L O C A T	C O U N T	R O U T	S.L	S.L.M.		TOTAL QUALENGTH (MILES)		CENTER LINE	REMARKS
O N	Y	E				TOTAL	EQUIVALENT		
			FROM	ТО		MILES	SOLID LINE	MILES	
1	GUE	U.S. 22	15.16	31.04	15.88	16.07	26.793	16.07	ADDED 0.20 MILE FOR SALT FORK TURN LANE
	LOCATION	1 1 TOTALS	(CARRIED TO	SUB-SUMMA	ARY)			16.07	
2	GUE	S.R. 800	0.00	2.48	2.48	2.48	4.584	2.48	BEL. CO. TO U.S. 22
	LOCATION	12 TOTALS	(CARRIED TO	SUB-SUMMA	ARY)			2.48	

		L(	CATIO	ION 1 S	HEET TO	DTALS				  - ITEM	ITEM	GRAND	UNIT	DESCRIPTION	
2	3	4 5		6	8	9	11	13	16	116	EXT.	TOTALS	ONIT	DESCRII HOR	
														ROADWAY	
	530				7,630	589				202	23500	8,749	SY	WEARING COURSE REMOVED	
				31.64						209	72501	31.64	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN	
														PAVEMENT	
050										253	02000	1,050	CY	PAVEMENT REPAIR	
	4.000										0.4000	252.007	0)/		
	1,880	211,1		37,668						254	01000	250,684	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25"	
		7,07	1   '	6,055					-	254	01000	13,126	SY	PAVEMENT PLANING, ASPHALT CONCRETE ,2.25"	
		20.00	,_	F 707	040	40				407	20000	24.705	041	NON TRACKING TACK COAT	
		28,30	07	5,767	613	48				407	20000	34,795	GAL	NON-TRACKING TACK COAT	
				14,652						408	10001	14,652	GAL	PRIME COAT, AS PER PLAN	
				14,002						400	10001	14,032	GAL	TAIVIL OOM, ASTERT LAIV	
			-		268					441	50000	268	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	
<b>7</b> 5	84	7,57	7	1,789	200	20				441	50100	9,545	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M	
30	25	6,06		1,215						441	50200	7,362	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	
		3,33		1,210						1	33233	7,002		NOT THE TOTAL TENTE THE ENTRE OF STREET, THE TI, (THO)	
						314				516	31011	314	FT	2" DEEP JOINT SEALER, AS PER PLAN	
														, , , , , , , , , , , , , , , , , , , ,	
				2,060						617	10101	2,060	CY	COMPACTED AGGREGATE, AS PER PLAN	
				,								,		· ·	
							18.14			618	41000	18.14	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	
														TRAFFIC CONTROL	
									1,449	621	00100	1,449	EACH	RPM	
									1,449	621	54000	1,449	EACH	RAISED PAVEMENT MARKER REMOVED	
										m					
							31.76			644	00104	31.76	MILE	EDGE LINE, 6"	
							16.07			644	00300	16.07	MILE	CENTER LINE	
								4.400		044	00400	4.400			
								1,160		644	00400	1,160 758	FT	CHANNELIZING LINE, 8"	
								758 300		644 644	00500 00700	300	FT FT	STOP LINE TRANSVERSE/DIAGONAL LINE	
								5		644	01300	5	EACH	LANE ARROW	
								2		644	01300	2	EACH	WORD ON PAVEMENT, 96"	
										044	01410		LAOIT	WORD ON TAVENENT, 30	
							1							MAINTENANCE OF TRAFFIC	
		107					1	<del> </del>		614	12460	107	EACH	WORK ZONE MARKING SIGN	
		6					1		1	614	13000	6	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	
												_			
		15.88								614	21100	15.88	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
			M	*****	••••		•••••		•••••	614	21550	15.88	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	
		2.30	·Ψ	····		y	-	, , , , , , , , , , , , , , , , , , ,	<del>~~~</del>	614	22100	2.30	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT	
		1,160								614	23200	1,160	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT	
		1,160								614	23680	1,160	FT	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	
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		l	OCATIO	N 2 SHEE	T TOTAL	S				   ITEM	GRAND		DECODINE ON
2	3	4	5	6	8	11	13	16	ITEM	EXT.	TOTALS	UNIT	DESCRIPTION
													ROADWAY
	180				1,449				202	23500	1,629	SY	WEARING COURSE REMOVED
				4.96					209	72501	4.96	MILE	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN
													DAVEMENT
000									050	00000	000	0)/	PAVEMENT
300									253	02000	300	CY	PAVEMENT REPAIR
	400		00.044	0.040					05.4	0.4000	05.004	0)/	DAVISATENT DI ANINO AODUM TOONODETE AOSII
	460		32,311	2,910					254	01000	35,681	SY	PAVEMENT PLANING, ASPHALT CONCRETE ,1.25"
			4,201	379	117				407	20000	4,697	GAL	NON-TRACKING TACK COAT
				2,328					408	10001	2,328	GAL	PRIME COAT, AS PER PLAN
					51				441	50000	51	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22
	23		1,122	140					441	50100	1,285	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M
	8		898	81					441	50200	987	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)
				324					617	10101	324	CY	COMPACTED AGGREGATE, AS PER PLAN
													TRAFFIC CONTROL
								211	621	00100	211	EACH	RPM
								211	621	54000	211	EACH	RAISED PAVEMENT MARKER REMOVED
									COOL				
						4.96			644	00104	4.96	MILE	EDGE LINE, 6"
						2.48			644	00300	2.48	MILE	CENTER LINE
							225		644	00500	225	FT	STOP LINE
			<del> </del>										MAINTENANCE OF TRAFFIC
		19							614	12460	19	EACH	WORK ZONE MARKING SIGN
		2							614	13000	2	CY	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC
		2.48							614	21100	2.48	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT
		2.48	$\overline{}$	m	<del>~~~~</del>	m	$\overline{}$	m	614	21550	2.48	MILE	WORK ZONE CENTER LINE, CLASS III, 642 PAINT
		0.70	$\overline{\mathbf{w}}$	$\overline{\mathbf{w}}$	$\frac{m}{m}$	$\overline{m}$	$\frac{m}{m}$	$\overline{m}$	614	22100	0.70	MILE	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT
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GUE-22/800-15.16/0.00

SUB-SUMMARY

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LOCATION

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	DESCRIPTION	UNIT	GRAND	ITEM	ITEM	SPLITS	PLAN S	N TOTALS	LOCATIO
s	DESCRIPTION	UNII	TOTAL	EXT.	I I EWI	02/NHS/PV	01/STR/PV	LOCATION 2 (S.R. 800)	LOCATION 1 (U.S. 22)
	ROADWAY								
	WEARING COURSE REMOVED	SY	10,378	23500	202	8,749	1,629	1,629	8,749
	PREPARING SUBGRADE FOR SHOULDER PAVING, AS PER PLAN	MILE	36.60	72051	209	31.64	4.96	4.96	31.64
	PAVEMENT								
	PAVEMENT REPAIR	CY	1,350	02000	253	1,050	300	300	1,050
	PAVEMENT PLANING, ASPHALT CONCRETE ,1.25"		286,365	01000	254	250,684	35,681	35,681	250,684
	PAVEMENT PLANING, ASPHALT CONCRETE ,2.25"	SY	13,126	01000	254	13,126			13,126
	NON-TRACKING TACK COAT	GAL	39,492	20000	407	34,795	4,697	4,697	34,795
							.,	.,	- 1,1 - 1
	PRIME COAT, AS PER PLAN	GAL	16,980	10001	408	14,652	2,328	2,328	14,652
	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22		319	50000	441	268	51	51	268
	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M		10,830	50100	441	9,545	1,285	1,285	9,545
	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	CY	8,349	50200	441	7,362	987	987	7,362
	2" DEEP JOINT SEALER, AS PER PLAN	FT	314	31011	516	314			314
			<b>5</b> 11	0.011		J			<u> </u>
	COMPACTED AGGREGATE, AS PER PLAN	CY	2,384	10101	617	2,060	324	324	2,060
	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	MILE	18.14	41000	618	18.14			18.14
	TRAFFIC CONTROL								
	RPM	EACH	1,660	00100	621	1,449	211	211	1,449
	RAISED PAVEMENT MARKER REMOVED		1,660	54000	621	1,449	211	211	1,449
					~				·
	EDGE LINE, 6"	MILE	36.72	00104	644	31.76	4.96	4.96	31.76
	CENTER LINE	MILE	18.55	00300	644	16.07	2.48	2.48	16.07
	CHANKITH IZING LINE OF	ГТ	1.160	00400		1160			1.160
	CHANNELIZING LINE, 8"  STOP LINE		1,160 983	00400 00500	644 644	758	225	225	1,160 758
	TRANSVERSE/DIAGONAL LINE	FT	300	00300	644	300	223	220	300
	LANE ARROW		5	01300	644	5			5
	WORD ON PAVEMENT, 96"		2	01410	644	2			2
	MAINTENANCE OF TRAFFIC								
	WORK ZONE MARKING SIGN		126	12460	614	107	19	19	107
	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	CY	8	13000	614	6	2	2	6
	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	MILE	18.36	21100	614	15.88	2.48	2.48	15.88
	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	MILE	18.36	21550	614	15.88	2.48	2.48	<b>~</b> 15.88
	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT	MILE	3.00	22100	614	2.30	0.70	0.70	2.30
	WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT	FT	1,160	23200	614	1,160			1,160
	WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT	FT	1,160	23680	614	1,160			1,160
<del></del>						<del>                                     </del>			
	INCIDENTALO					1 1			
	INCIDENTALS  MAINTAINING TRAFFIC	IQ		11000	614	10	10		
	INCIDENTALS  MAINTAINING TRAFFIC  CONSTRUCTION LAYOUT STAKES AND SURVEYING			11000 10000	614 623	LS LS	LS LS		

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SUMMARY

GENERAL

GUE-22/800-15.16/0.00

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