

RESOLUTION 20-185

A RESOLUTION TO APPROVE INITIATING A LETTER OF INTENT TO SEEK GRANT FUNDING FROM TRAFFIC SIGNAL MODERNIZATION PROGRAM (TSMP)

WHEREAS, the City of Spring Hill has twenty-four (24) traffic signals located throughout the City including thirteen (13) traffic signals located within the Maury County portion of the community; and

WHEREAS, the City has an opportunity to apply for competitive grant funds through TDOT's Traffic Signal Modernization Program (TSMP) that provides a maximum grant award of \$50,000 to a community whereby funds can be applied to upgrading traffic signal components for traffic signals located in the Maury County portion of the City; and

WHEREAS, City staff has identified ten (10) traffic signals located in the Maury County portion of the City as illustrated in the attached map that are eligible for upgrading equipment utilizing TSMP grant funding whereby traffic signal components including, but not limited to, controllers, preemption, a detection systems, can be replaced and modernized; and

WHEREAS, City staff requested and received from its traffic signal contractor (S&W) a cost estimate attached hereto for the suggested signal system upgrades in the total amount of \$102,600; and

WHEREAS, based upon the total estimated cost of \$102,600 and if the City were successful in being awarded the TSMP Grant in the amount of \$50,000, the City's local funding requirement would be just over 50 percent of the total cost or \$52,600 for the cost of signal equipment modernization and upgrades; and

WHEREAS, in the event the City of Spring Hill is awarded the TSMP grant in the amount of \$50,000, the City will be responsible for expenses beyond the grant amount in the amount of \$52,600 to which there exists sufficient uncommitted State Street Aid funding that could be appropriated to cover the remaining balance of expenses required for the installation of the equipment outlined.

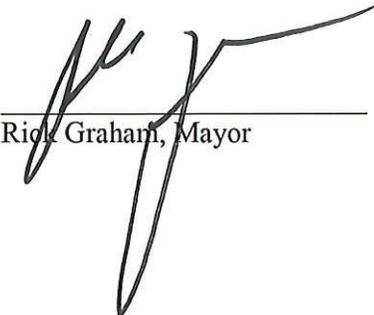
WHEREAS, in order for the City to seek grant funding the Board of Mayor and Aldermen is requested to authorize City staff to prepare and submit a Letter of Interest to TDOT for the Traffic Signal Modernization Program (TSMP) for the ten (10) traffic signals identified as eligible for grant funding.

NOW, THEREFORE, BE IT RESOLVED, that the City of Spring Hill Board of Mayor and Aldermen do hereby:

1. Authorize City staff to seek grant funding from the Traffic Signal Modernization Program (TSMP) with the submittal of a Letter of Intent along with supporting documentation for the modernization and upgrade of ten (10) traffic signals located in the Maury County portion of the City of Spring Hill.

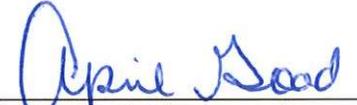
2. Should the City of Spring Hill be awarded the TSMP Grant in the amount of \$50,000, the Board of Mayor and Aldermen will consider a subsequent budget amendment to the City's approved fiscal budget for FY2020-21 to appropriate local funding from State Street Aid fund for the modernization and upgrade of traffic signal equipment associated with the awarded TSMP grant.

**Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill,
Tennessee on this 16th day of November, 2020.**



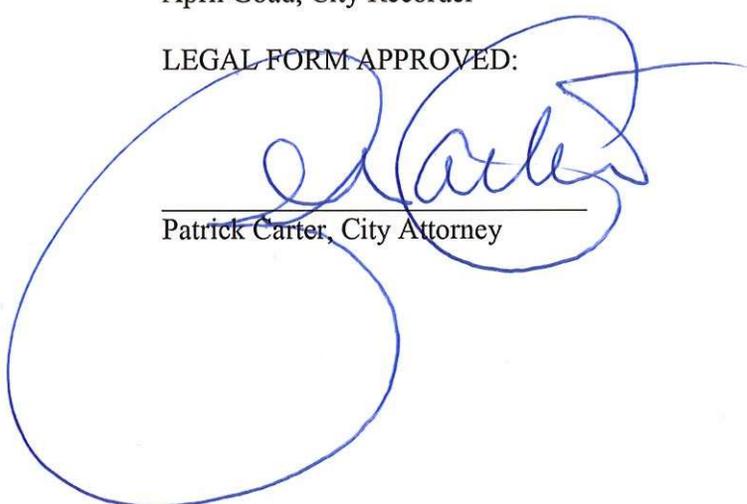
Rick Graham, Mayor

ATTEST:

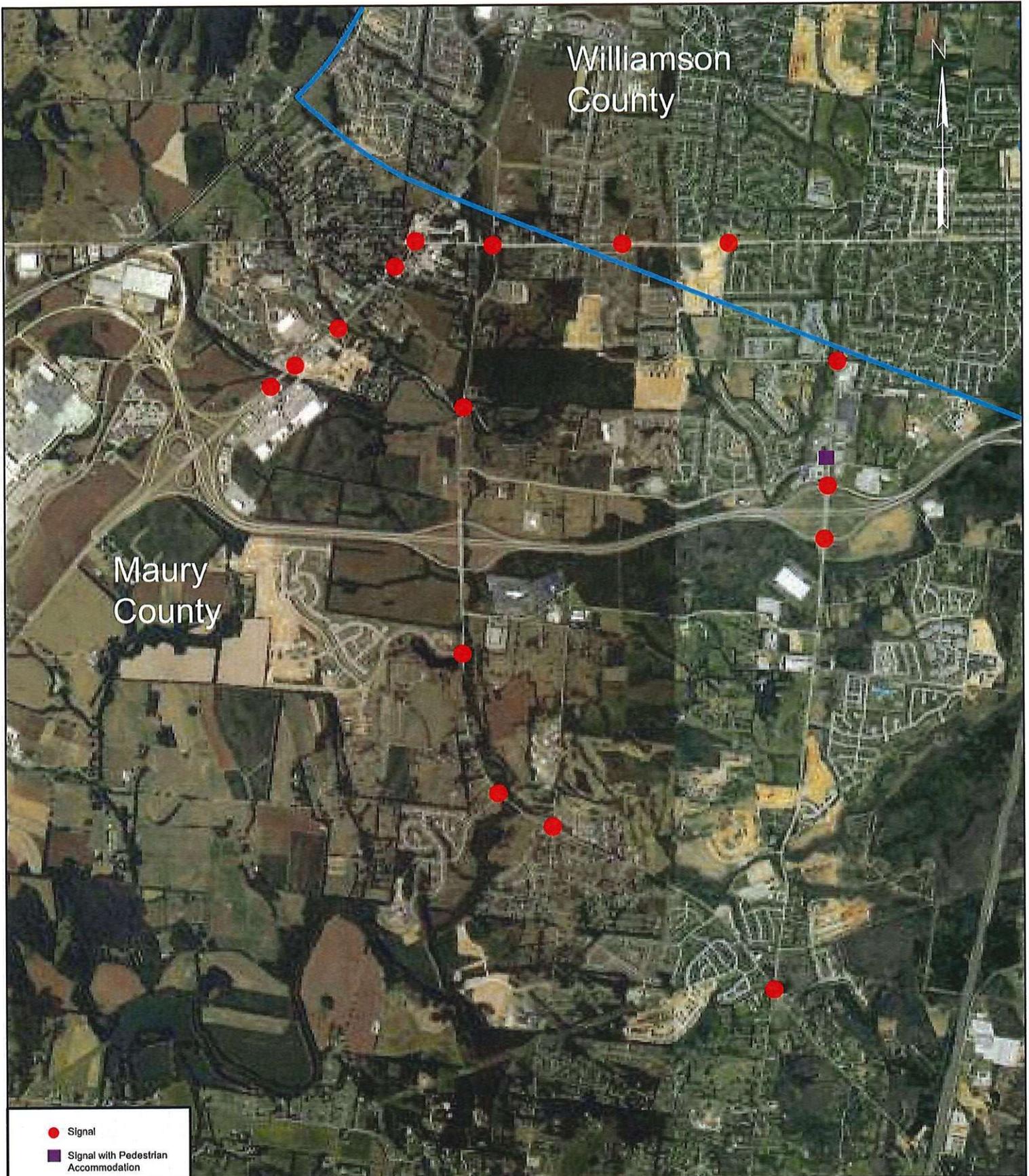


April Goad, City Recorder

LEGAL FORM APPROVED:



Patrick Carter, City Attorney



VOLKERT

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**Spring Hill
TSMF
Signal Map**

SCALE: NONE

CITY OF SPRING HILL
TRAFFIC SIGNALS AND COMPONENTS

PRIORITY	LOCATION/CURRENT COMPONENTS	UPGRADES SUGGESTED	PRICING
1	MAIN STREET / STEPHEN YOKOVICH PARKWAY		
	CONTROLLER - PEEK 3000	1. MCCAIN ATC EX2	\$5,800.00
	CMU - PEEK DOUBLE DIAMOND	2. EDI SSM 16LE MMU	\$2,400.00
	SONEM 2000 PREEMPTION	3. NEW SIGNAL CABINET TO ACCOMMODATE 16 CHANNELS	\$16,000.00
	WAVETRONICS CLICK 600	4. (8) PHASE POLE MOUNT CABINET	
	4 - PDC - SSS-86-I/O LOAD SWITCHES		
	1 - PPC 204 FLASHER		
	1 - RTCTR4 GPS CLOCK		
2	MAIN STREET / CROSSINGS BOULEVARD		
	CONTROLLER - PEEK 3000E	1. MCCAIN ATC EX 2	\$5,800.00
	CMU - EDI SSM-12LE	2. EDI MMU2 CONFLICT MONITOR	\$2,400.00
	7 - NORTHSTAR NT-11E LOOP DETECTORS	3. EDI MMU2.16LE	
	1 - PDC 204 FLASHER		
	4 - PDC SSS-86-I/O LOAD SWITCHES		
	1 - RTSTR4 GPS CLOCK		
3	MAIN STREET / KEDRON ROAD		
	CONTROLLER - PEEK 3000E	1. MCCAIN ATC EX2 CONTROLLER	\$5,800.00
	CMU - PEEK DOUBLE DIAMOND	2. NEW MMU2 EDI 16 LE EDI	\$2,400.00
	SONEM 2000 PREEMPTION		
	6 - SARASOTA 535t LOOP DETECTORS		
	2 - NORTHSTAR NT 11-E LOOP DETECTORS		
	5 - PDC SSS-86-I/O LOAD SWITCHES		
	2 - PDC 200 LOAD SWITCHES		
	1 - TSC CUBE 200 LOAD SWITCH		
	1 - PDC 204 FLASHER		
	1 - RTSTR4 GPS CLOCK		
4	MAIN STREET / MCLEMORE AVENUE		
	CONTROLLER - PEEK 3000 E	1. MCCAIN ATC EX2 CONTROLLER	\$5,800.00
	CMU - EDI SSM-12LE	2. MMU 16 LE MMU2	\$2,400.00
	6 - NORTHSTAR NT 11-E LOOP DETECTORS		

CITY OF SPRING HILL
TRAFFIC SIGNALS AND COMPONENTS

		EPS-11 PREEMPTION											
		2 - PDC SSS-86-I/O LOAD SWITCHES											
		4 - PDC 200 LOAD SWITCHES											
		1 - PDC 204 FLASHER											
		1 - RTCTR4 GPS CLOCK											
5	PORT ROYAL ROAD / RESERVE BOULEVARD												
		CONTROLLER - PEEK 3000E					1. MCCAIN ATC EX2 CONTROLLER						\$5,800.00
		CMU - EDI SSM-12LE					2. EMI MMU2 16 LE SMART MONITOR						\$2,400.00
		SONEM 2000 PREEMPTION					3. YAGI ANTENNA UNIT (ANTENNA, CABLES, LIGHTING PROTECTION)						\$2,900.00
		5 - NORTHSTAR NT11-E LOOP DETECTORS					4. ETHERNET SERIAL TRANSCEIVER KIT (POWER SUPPLY, CABLE)						\$1,100.00
		9 - PDC SSS-86-I/O LOAD SWITCHES					5. MODIFICATION TO EXITING PEEK CONTROLLER TO INC ADDITION OF						\$1,200.00
		1 - PDC 204 FLASHER					3 PORT CARD AND NECESSARY PROGRAMMING						
6	PORT ROYAL ROAD / BUCKNER LANE												
		CONTROLLER - PEEK 3000E					1. MCCAIN ATC EX2 CONTROLLER						\$5,800.00
		CMU - EDI SSM-12LE-PR					2. EMI MMU2 16 LE SMART MONITOR						\$2,400.00
		EDI - PS175 LOOP DETECTION					3. YAGI ANTENNA UNIT (ANTENNA, CABLES, LIGHTING PROTECTION)						\$2,900.00
		3 - RENO LS200 LOAD SWITCHES					4. ETHERNET SERIAL TRANSCEIVER KIT (POWER SUPPLY, CABLE)						\$1,100.00
		2 - PDC SSS-86-I/O LOAD SWITCHES					5. MODIFICATION TO EXITING PEEK CONTROLLER TO INC ADDITION OF						\$1,200.00
		1 - PDC 204 FLASHER					3 PORT CARD AND NECESSARY PROGRAMMING						
7	KEDRON ROAD / PORT ROYAL ROAD												
		CONTROLLER - PEEK 3000E					1. MCCAIN ATC EX2 CONTROLLER						\$5,800.00
		CMU - PEEK 12 LEC					2. EDI MMU2 16LE SMART MONITOR						\$2,400.00
		3 - EDI 1ASB LOOP DETECTOR											
		1 - NORTHSTAR NT11-E LOOP DETECTOR											
		1 - RENO LS200 LOAD SWITCH											
		3 - SSS-86-I/O LOAD SWITCHES											
		1 - RENO FL200 FLASHER											
8	MAHLON MOORE ROAD/KEDRON ROAD												
		CONTROLLER - PEEK 3000					1. MCCAIN ATC EX2 CONTROLLER						\$5,800.00
		CMU - PEEK 1ZELRA					2. EDI MMU2 16LE SMART MONITOR						\$2,400.00

