



TO: Mayor Tim Pogue  
Board of Aldermen

RE: Stop Sign Study

Some time ago, the Board authorized an independent study of our current stop sign inventory to determine compliance with the uniform traffic code. A field inventory was conducted and it was determined that we have 198 stop signs in place.

Proposals were received from two professional engineering firms. Interviews were conducted by Andy Hixson, Patrol Officer Burgoyne and myself. It is our unanimous recommendation that this contract be awarded to T2 Traffic and Transportation in an amount not to exceed \$8564.72.

The scope of work will include the overall review of stop signage throughout the City; documentation of existing issues, including a prioritized list of individual site locations to be evaluated with related data and information needs; and a scope and fee estimate to complete the evaluations and prepare an implementation policy in a subsequent phase. All of the field work will be coordinated through Officer Burgoyne. Andy Hixson will then utilize this field data and related information to submit a TEAP grant application to fund recommended modifications and to provide detailed policy guidelines for future stop sign installations.

Approval to proceed is requested, by motion.

Sincerely,

A handwritten signature in black ink that reads 'Robert Kuntz'. The signature is written in a cursive style with a large, looped 'R' and a long, sweeping tail.

Robert Kuntz

City Administrator



## MEMORANDUM

**Date:** August 19, 2019

**To:** Andy Hixson, Michael Burgoyne, Bob Kuntz – City of Ballwin

**From:** Carrie A. Falkenrath

**Subject:** Revised Proposed Project Approach

**Project:** Traffic Engineering (Consultant) Services for Signage Assessment  
T<sup>2</sup> Proposal No: P19-13

Per our meeting last Friday, August 16, T<sup>2</sup> is pleased to submit a revised Scope of Work section for the Project Approach within our Qualifications package of August 13, 2019. Please note that due to the schedule and scope of the revised Phase 1, we propose that T<sup>2</sup> will primarily deliver this phase with review from CDI.

### SCOPE OF WORK

Through discussions with the City, it was determined this project will, ideally, be completed in two Phases to support an application for Traffic Engineering Assistance Program (TEAP) Funding from the Missouri Department of Transportation (MoDOT). Applications for this program are due September 20, 2019 and awards will be announced November 8, 2019. It is our understanding that the TEAP application will be prepared by City of Ballwin staff with no assistance from the Phase 1 Consultant, other than providing supporting information to the City.

Phase 1 would include the overall review of stop signage throughout the City; documentation of existing issues, including a prioritized list of individual site locations to be evaluated with related data and information needs; and a scope and fee estimate to complete the evaluations and prepare an implementation policy in a subsequent phase. The preliminary investigation will be documented in a memo able to serve any consultant or timeline for the second phase.

*\*It should be noted that the proposed selection notification on September 9, 2019, will only leave eight (8) business days before the TEAP application deadline on September 20, 2019. At this time, it is feasible that T<sup>2</sup> could complete a draft memo delivered to Ballwin by the application deadline for their use in preparing the TEAP application, if the initial review coordination with the City and Ballwin PD is scheduled for September 10-11.*



Preliminary assumptions for Phase 2 are: data will be collected, and detailed analysis performed for selected sites, resulting in a prioritized list of recommended modifications and any associated costs. A detailed policy for the implementation of future stop sign implementation will be prepared in coordination with the City and Ballwin Police Department staff.

Phase 1:

1. Meet with Ballwin PD to review existing stop signage throughout the City and visit locations of concern (flagged locations on inventory) – this would potentially be a “ride-along” process.
2. Meet with Ballwin City staff to obtain existing City policies and guidance related to signage. Obtain available related traffic data and observations. Identify current plans or planning efforts that have the potential to impact signage needs or types in the future that should be taken into consideration.
3. Review the observation notes and related City policies, planning, and guidance provided.
4. Identify data needs, scope, potential fee estimates, and priorities for individual sites requiring further analysis in Phase 2. Identify draft scope and fee estimate to prepare implementation policy.
5. Document existing conditions and proposed Phase 2 scope and fee estimate in DRAFT summary report deliverable.
6. Meet with City staff and Ballwin Police Department Traffic Safety Unit to discuss project findings.
7. Finalize summary report.
8. Present findings at City Council or Board Meeting.

Phase 2 (Preliminary DRAFT for information purposes):

1. Kick-off meeting with City and Ballwin PD staff: review Phase 1, collect any additional information pertaining to Phase 2. Review Phase 1 documentation.
2. Collect traffic data (i.e. volume data) as specified in Phase 1 for individual site assessments.
3. Utilize guidance provided by the Manual on Uniform Traffic Control Devices (MUTCD), the Missouri Department of Transportation (MoDOT) Engineering Policy Guide (EPG), and St. Louis County Department of Transportation’s Publications and Manuals to assess the individual site locations identified and prioritized in Phase 1. Perform traffic operational analyses as required for assessment. Consider geometric or other changes that would mitigate issues in addition to/in lieu of signage.



4. Summarize the methodology, findings, and recommendations for specified locations in a memorandum to be submitted to City staff. The summary will include any identified geometric modifications with estimated construction costs and implementation priorities.
5. Meet with City staff and Ballwin Police Department Traffic Safety Unit to discuss analysis findings, alternatives, and recommendations.
  - (Optional Task) If design modifications are identified, develop preliminary plans at high-priority locations.
6. Utilizing process and findings from Phase I, coordinate with Ballwin PD Traffic & Safety Unit and City staff to identify appropriate implementation strategies and alternatives. Identify any short- or long-term program goals for stop signage within the City.
7. Prepare a Final Report for submittal to the City documenting the final recommendations for stop sign strategies, including installation and potential enhancements and program goals and priorities where appropriate. Create a clear and concise policy (shelf reference document) for future stop signage implementation.

**SCHEDULE**

Given a Notice to Proceed on September 9, T<sup>2</sup> would aim to have a DRAFT document prepared for the City before the TEAP deadline of September 20 to support an application. The report would be finalized after a meeting and review by the City after that date.

Task	September				October			
	1	2	3	4	1	2	3	4
Notice to Proceed	★							
1 Meet with Ballwin PD & City Staff		■						
3 Review Existing Documentation		■						
4 Identify Needs, Potential Scope/Fee for Individual Sites & Policy			■					
5 Draft Summary Report and Submittal				★				
6 Meet with Ballwin PD & City Staff						★		
7 Finalize Report							★	
8 Present Findings to City Council or Board Meeting								★



**FEE ESTIMATE**

T<sup>2</sup> anticipates the Phase 1 fee to be \$8,460.32 plus reimbursable expenses. Reimbursable expenses are estimated to be \$104.40 for mileage (IRS standard rate), etc. and will be invoiced as direct costs. A detailed breakdown of costs by task can be found in the table below.

<b>T<sup>2</sup> Traffic &amp; Transportation</b>							
<b>Project Title:</b> Ballwin Signage TES			<b>Date:</b> 8/19/2019				
<b>Project#:</b> P19-13							
Task	Description	Principal Engineer \$61	CDI PE \$60	ODC: Mileage	Total Hours by Task	Total Labor Cost by Task	Total Cost by Task
<b>PHASE 1</b>							
1	Meet with Ballwin PD (Ride-along)	12		\$34.80	12	\$732.00	<b>\$766.80</b>
2	Meet with City Staff	2			2	\$122.00	<b>\$122.00</b>
3	Review of Documentation and Observations	6	2		8	\$486.00	<b>\$486.00</b>
4	Phase 2 plan and fee estimate	4	2		6	\$364.00	<b>\$364.00</b>
5	DRAFT Memorandum summary report	16	4		20	\$1,216.00	<b>\$1,216.00</b>
6	Meeting with City Staff and Ballwin PD	3		\$34.80	3	\$183.00	<b>\$217.80</b>
7	Finalize Summary Report	2			2	\$122.00	<b>\$122.00</b>
8	Presentation to City Council	3		\$34.80	3	\$183.00	<b>\$217.80</b>
Total Hours		48	8		56		
Total Labor		\$2,928.00	\$480.00				
Total Direct Costs				\$104.40			
						<b>\$3,512.40</b>	
OVERHEAD: 110%							\$3,863.64
FIXED FEE: 14.7% Labor + Overhead							\$1,084.28
<b>Total Labor Costs</b>							<b>\$8,460.32</b>
Total Direct Costs							\$104.40
<b>OVERALL TOTAL COSTS</b>							<b>\$8,564.72</b>

2019 Federal Mileage Rate = \$0.58

ID	Ward	Sign Placement Road:	Address	Cross Road	Sign Type	MUTCD
887	3	AGEAN WAY		HENRY AVE	Regulatory	R1-1
2001	3	ALGONQUIN DR		CLAYMONT DR	Regulatory	R1-1
2016	3	ALGONQUIN DR		CLAYMONT DR	Regulatory	R1-1
2512	4	ALVERSTON CT		WESTRUN DR	Regulatory	R1-1
2514	4	ALVERSTON CT		WESTRUN DR	Regulatory	R1-1
2516	4	ALVERSTON CT		RICHLAND MEADOWS DR	Regulatory	R1-1
2518	4	ALVERSTON CT	426		Regulatory	R1-1
592	1	AMBER JACK DR		BREEZEVUE DR	Regulatory	R1-1
2264	2	ANDANTE DR		CAMARGO DR	Regulatory	R1-1
2383	3	ANDOVER LN		ALGONQUIN DR	Regulatory	R1-1
183	1	ANDREWS PARK WAY		SEVEN TRAILS DR	Regulatory	R1-1
221	1	ANDREWS PARK WAY		BALLPARK DR	Regulatory	R1-1
2317	2	APPLEGATE LN		BIRCHWOOD DR	Regulatory	R1-1
2045	4	APPLESTONE DR		TWIGWOOD DR	Regulatory	R1-1
668	1	ASILOMAR CT		CLETA DR	Regulatory	R1-1
2349	2	ASPEN VILLAGE DR		WESTGLEN VILLAGE DR	Regulatory	R1-1
2353	2	ASPEN VILLAGE DR		REINKE RD	Regulatory	R1-1
2032	3	BABERTON DR		CLAYMONT DR	Regulatory	R1-1
297	1	BALLPARK DR		KEHRS MILL RD	Regulatory	R1-1
440	1	BALLPARK DR		JEFFERSON AVE	Regulatory	R1-1
801	1	BALLWIN COMMONS CIR		OLD BALLWIN RD	Regulatory	R1-1
1126	1	BALLWIN COMMONS CIR		BALLWIN COMMONS DR	Regulatory	R1-1
806	1	BALLWIN COMMONS DR		OLD BALLWIN RD	Regulatory	R1-1
1108	1	BALLWIN COMMONS DR		RAMSEY LN	Regulatory	R1-1
4026	1	BALLWIN ESTATES CT		RIES BEND RD	Regulatory	R1-1
2070	4	BALLWOOD DR		TWIGWOOD DR	Regulatory	R1-1
518	1	BARKER CT		BARKER LN	Regulatory	R1-1
751	1	BARKER LN		RIES RD	Regulatory	R1-1
864	2	BARTON LN		NEW BALLWIN RD	Regulatory	R1-1
2962	2	BIRCHWOOD DR		MANCHESTER RD	Regulatory	R1-1
921	3	BITTERFIELD DR		HENRY AVE	Regulatory	R1-1
924	3	BITTERFIELD DR		HENRY AVE	Regulatory	R1-1
2537	4	BITTERWOOD DR		GOLFWOOD DR	Regulatory	R1-1
2539	4	BITTERWOOD DR		GOLFWOOD DR	Regulatory	R1-1
2404	2	BLUE RIDGE PLACE CT		KEHRS MILL RD	Regulatory	R1-1
4	1	BRASS LAMP DR		FOREST LEAF DR	Regulatory	R1-1
2231	3	BRASS LAMP DR		BRIGHTSPUR LN	Regulatory	R1-1
567	1	BREEZEVUE DR		WINDCLIFFE DR	Regulatory	R1-1
2048	4	BRIARHILL CT	477	TWIGWOOD DR	Regulatory	R1-1
2091	4	BRIARHILL CT	502	TWIGWOOD DR	Regulatory	R1-1
2378	3	BRIARWYCK DR		COUNTRY CLUB DR	Regulatory	R1-1
2272	2	BRIDGEPORT DR		NANTUCKET DR	Regulatory	R1-1
81	1	BRIGHT MEADOWS DR		CLEAR MEADOWS DR	Regulatory	R1-1
663	1	BRIGHTFIELD DR		ASILOMAR CT	Regulatory	R1-1
2223	3	BRIGHTSPUR LN		BRASS LAMP DR	Regulatory	R1-1

2227	3	BRIGHTSPUR LN		GLENMEADOW DR	Regulatory	R1-1
762	1	BROOKSIDE LN		RIES RD	Regulatory	R1-1
2390	3	BURLINGTON MILL DR		WINDSOR MILL DR	Regulatory	R1-1
2168	2	BURTONWOOD DR		HILLSDALE DR	Regulatory	R1-1
2309	2	BURTONWOOD DR		MIMOSA LN	Regulatory	R1-1
2311	2	BURTONWOOD DR		PORTSDOWN RD	Regulatory	R1-1
2313	2	BURTONWOOD DR		PORTSDOWN RD	Regulatory	R1-1
1106	1	BUSH DR	228	RAMSEY LN	Regulatory	R1-1
1109	1	BUSH DR		RAMSEY LN	Regulatory	R1-1
245	2	CAMARGO DR		DEL EBRO DR	Regulatory	R1-1
2250	2	CAPITOL LANDING DR		WETHERBURN RD	Regulatory	R1-1
2252	2	CAPITOL LANDING DR	2404		Regulatory	R1-1
698	1	CARAVEL CT		RIES RD	Regulatory	R1-1
2322	2	CARINA CT		KYLEMORE DR	Regulatory	R1-1
964	4	CASTLE GLEN CT		CASTLE PINES DR	Regulatory	R1-1
2688	4	CASTLE MEADOWS CT		CASTLE PINES DR	Regulatory	R1-1
2686	4	CASTLE PINES CT		WESTGLEN VILLAGE DR	Regulatory	R1-1
962	4	CASTLE PINES DR		CASTLE GLEN CT	Regulatory	R1-1
963	4	CASTLE PINES DR		CASTLE GLEN CT	Regulatory	R1-1
2687	4	CASTLE PINES DR		WESTGLEN VILLAGE DR	Regulatory	R1-1
965	4	CASTLE RIDGE DR		CASTLE PINES DR	Regulatory	R1-1
2684	4	CEDAR RUN DR		RUSTIC VALLEY DR	Regulatory	R1-1
2178	2	CENTER CT		HILLSDALE DR	Regulatory	R1-1
2302	2	CENTER CT		HIGHVIEW DR	Regulatory	R1-1
2403	2	CHURCHILL LN		KEHRS MILL RD	Regulatory	R1-1
3521	3	CLAYMONT COURT CIR		CLAYTON RD	Regulatory	R1-1
2122	3	CLAYMONT DR		CLAYTON RD	Regulatory	R1-1
2125	3	CLAYMONT DR		BAXTER RD	Regulatory	R1-1
2377	3	CLAYMONT PLACE DR		COUNTRY CLUB DR	Regulatory	R1-1
881	3	CLAYTON CORNERS DR		HENRY AVE	Regulatory	R1-1
3524	3	CLAYTON MEADOWS CT		CLAYTON RD	Regulatory	R1-1
2277	2	CLAYTON RIDGE DR		KEHRS MILL RD	Regulatory	R1-1
914	3	CLAYWORTH DR		HENRY AVE	Regulatory	R1-1
918	3	CLAYWORTH DR		HENRY AVE	Regulatory	R1-1
91	1	CLEAR MEADOWS DR		SHADY MEADOWS DR	Regulatory	R1-1
97	1	CLEAR MEADOWS DR		SHADY MEADOWS DR	Regulatory	R1-1
425	1	CLEAR MEADOWS DR		HOLLOWAY RD	Regulatory	R1-1
3895	1	CLEAR MEADOWS DR		BAXTER RD	Regulatory	R1-1
655	1	CLETA CT		CLETA DR	Regulatory	R1-1
661	1	CLETA DR		ASILOMAR CT	Regulatory	R1-1
706	1	CLETA DR		RIES RD	Regulatory	R1-1
1125	1	COACHGATE CT		BALLWIN COMMONS DR	Regulatory	R1-1
1205	1	COACHGATE LN	241	COACHGATE CT	Regulatory	R1-1
1208	1	COACHGATE LN	200	COACHGATE CT	Regulatory	R1-1
2326	2	COLUMBARD DR		PALM BAY DR	Regulatory	R1-1
2959	2	CORAL TER		MANCHESTER RD	Regulatory	R1-1

2175	2	CORONET DR		HILLSDALE DR	Regulatory R1-1
2300	2	CORONET DR		HIGHVIEW DR	Regulatory R1-1
2023	3	COUNTRY CLUB DR		CLAYMONT DR	Regulatory R1-1
2375	3	COUNTRY CLUB DR		BRIARWYCK DR	Regulatory R1-1
2376	3	COUNTRY CLUB DR		CLAYMONT PLACE DR	Regulatory R1-1
2379	3	COUNTRY CLUB DR		KENILWORTH LN	Regulatory R1-1
2380	3	COUNTRY CLUB DR		KENILWORTH LN	Regulatory R1-1
3496	3	COUNTRY CLUB DR		CLAYTON RD	Regulatory R1-1
127	1	COUNTRY CREEK CT		SPRING OAKS DR	Regulatory R1-1
2051	4	COUNTRY DOWNS DR		TWIGWOOD DR	Regulatory R1-1
2671	4	COVENANT PLACE CT		RIES RD	Regulatory R1-1
2293	2	CRESTLAND DR		W SKYLINE DR	Regulatory R1-1
2294	2	CRESTLAND DR		W SKYLINE DR	Regulatory R1-1
2254	2	CYPRESS TRACE CT		WESTPAR DR	Regulatory R1-1
2256	2	CYPRESS TRACE DR		WESTPAR DR	Regulatory R1-1
4025	1	DAVID HARRISON LN		RIES BEND RD	Regulatory R1-1
860	2	DEBULA DR		NEW BALLWIN RD	Regulatory R1-1
2267	2	DEL EBRO DR		NOTTINGHAM DR	Regulatory R1-1
877	2	DENNISON DR		NEW BALLWIN RD	Regulatory R1-1
527	1	DICKENS FARM LN		RIES BEND RD	Regulatory R1-1
2054	4	DOWN HILL DR		TWIGWOOD DR	Regulatory R1-1
2248	2	DOWNALL GREEN DR		WETHERBURN RD	Regulatory R1-1
899	3	DUTCH MILL DR		HENRY AVE	Regulatory R1-1
2140	3	DUTCH MILL DR		HOLLYRIDGE DR	Regulatory R1-1
2155	3	DUTCH MILL DR		HOLLYRIDGE DR	Regulatory R1-1
2280	2	E SKYLINE DR		KEHRS MILL RD	Regulatory R1-1
2281	2	E SKYLINE DR		W SKYLINE DR	Regulatory R1-1
2283	2	E SKYLINE DR	278	W SKYLINE DR	Regulatory R1-1
2682	4	ECHO HILL CT		RUSTIC VALLEY DR	Regulatory R1-1
2057	4	ECHO HILL DR		TWIGWOOD DR	Regulatory R1-1
768	1	ESSEN LN		RIES RD	Regulatory R1-1
3969	2	ESSEN PLACE DR		KEHRS MILL RD	Regulatory R1-1
2385	3	ESSEX MILL DR		HOLLOWAY RD	Regulatory R1-1
2063	4	FAR HILL DR		TWIGWOOD DR	Regulatory R1-1
2439	4	FERRIS PARK		NEW BALLWIN RD	Regulatory R1-1
1	1	FOREST LEAF DR		BRASS LAMP DR	Regulatory R1-1
6	1	FOREST LEAF DR		BRASS LAMP DR	Regulatory R1-1
3901	1	FOREST LEAF DR		BAXTER RD	Regulatory R1-1
2359	2	FOX BRIAR LN		REINKE RD	Regulatory R1-1
2691	4	FOX DEN DR		OLD BALLWIN RD	Regulatory R1-1
2357	2	FOX HOLLOW WOODS DR		REINKE RD	Regulatory R1-1
2348	2	FOX VILLAGE CT		WESTGLEN VILLAGE DR	Regulatory R1-1
2288	2	GANAHL DR		W SKYLINE DR	Regulatory R1-1
2154	3	GARDENWAY DR		DUTCH MILL DR	Regulatory R1-1
2246	2	GEREMMA DR		KEHRS MILL RD	Regulatory R1-1
902	3	GLENMEADOW DR		HENRY AVE	Regulatory R1-1

Ord.	Dir.	Sheeting	Owner	W.	H.	PostType	Replace
Schedule D	E	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule E	SE	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	NW	HIP 3M Type III & IV	City	30	30	Street Light	2020
Schedule E	NE	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule E	SW	EGP Type I	City	30	30	Tele Spar	
Schedule E	NW	HIP 3M Type III & IV	City	30	30	U-Channel	2025
Schedule E	SE	HIP 3M Type III & IV	City	30	30	U-Channel	2025
Schedule E	N	EGP Type I	City	30	30	U-Channel	
Schedule E	S	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	NE	HIP 3M Type III & IV	City	30	30	Tele Spar	2023
Schedule E	W	HIP 3M Type III & IV	City	30	30	Tele Spar	2026
Schedule E	E	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	W	HIP 3M Type III & IV	City	30	30	U-Channel	2021
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	SW	EGP Type I	City	30	30	U-Channel	
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	S	HIP 3M Type III & IV	City	30	30	Round	2020
Schedule E	NE	EGP Type I	City	30	30	Tele Spar	
Schedule D	S	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	E	EGP Type I	City	30	30	U-Channel	
Schedule E	S	EGP Type I	City	30	30	Round	
Schedule E	E	EGP Type I	City	30	30	U-Channel	
Schedule E	W	EGP Type I	City	30	30	U-Channel	
Schedule E	NW	HIP 3M Type III & IV	City	30	30	Tele Spar	2024
Schedule E	NE	EGP Type I	City	30	30	Tele Spar	
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2022
Schedule D	SE	EGP Type I	City	30	30	U-Channel	
Schedule D	E	EGP Type I	City	30	30	Tele Spar	
Schedule D	N	HIP 3M Type III & IV	City	36	36	Tele Spar	
Schedule D	NE	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule D	SW	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule E	SW	EGP Type I	City	30	30	U-Channel	
Schedule E	NE	EGP Type I	City	30	30	U-Channel	
Schedule D	NE	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule E	E	HIP 3M Type III & IV	City	30	30	U-Channel	2022
Schedule E	SW	EGP Type I	City	30	30	U-Channel	
Schedule E	S	EGP Type I	City	30	30	U-Channel	
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	SW	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	W	HIP 3M Type III & IV	City	30	30	Street Light	2020
Schedule E	SW	HIP 3M Type III & IV	City	30	30	U-Channel	2021
Schedule E	S	EGP Type I	City	30	30	U-Channel	
Schedule E	SE	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	NW	EGP Type I	City	30	30	U-Channel	

Schedule E	SE	EGP Type I	City	30	30	Round	
Schedule D	SE	HIP 3M Type III & IV	City	30	30	U-Channel	2025
Schedule E	NW	EGP Type I	City	30	30	U-Channel	
Schedule E	SW	HIP 3M Type III & IV	City	30	30	U-Channel	2025
Schedule E	E	HIP 3M Type III & IV	City	30	30	Street Light	2025
Schedule E	S	HIP 3M Type III & IV	City	30	30	Tele Spar	2021
Schedule E	NE	HIP 3M Type III & IV	City	30	30	U-Channel	2021
Schedule E	E	EGP Type I	City	30	30	U-Channel	
Schedule E	E	EGP Type I	City	30	30	U-Channel	
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2021
Schedule E	N	EGP Type I	City	30	30	U-Channel	
Schedule E	S	HIP 3M Type III & IV	City	30	30	Street Light	2025
Schedule D	E	HIP 3M Type III & IV	City	30	30	Street Light	2020
Schedule E	S	HIP 3M Type III & IV	City	30	30	Tele Spar	2026
Schedule E	NW	HIP 3M Type III & IV	City	30	30	Tele Spar	2022
Schedule E	SE	HIP 3M Type III & IV	City	30	30	Round	2021
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2021
Schedule E	NW	HIP 3M Type III & IV	City	30	30	U-Channel	2022
Schedule E	SW	HIP 3M Type III & IV	City	30	30	U-Channel	2022
Schedule E	S	HIP 3M Type III & IV	City	30	30	Tele Spar	2021
Schedule E	NW	HIP 3M Type III & IV	City	30	30	U-Channel	2022
Schedule E	N	HIP 3M Type III & IV	City	30	30	Round	2021
Schedule E	W	EGP Type I	City	30	30	U-Channel	
Schedule E	E	EGP Type I	City	30	30	U-Channel	
Schedule D	NE	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule D	S	HIP 3M Type III & IV	County	36	36	Tele Spar	
Schedule D	SE	HIP 3M Type III & IV	County	36	36	Tele Spar	2020
Schedule D	W	HIP 3M Type III & IV	County	30	30	Round	2020
Schedule E	E	HIP 3M Type III & IV	City	30	30	Street Light	2020
Schedule D	SE	EGP Type I	City	30	30	Round	
Schedule D	S	HIP 3M Type III & IV	County	36	36	Tele Spar	
Schedule D	SW	HIP 3M Type III & IV	City	36	36	Tele Spar	2020
Schedule D	NE	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule D	SW	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule E	E	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	W	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule D	E	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule D	SW	HIP 3M Type III & IV	County	30	30	Street Light	
Schedule E	E	HIP 3M Type III & IV	City	30	30	Tele Spar	2025
Schedule E	NW	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule D	E	EGP Type I	City	30	30	Tele Spar	
Schedule E	S	HIP 3M Type III & IV	City	30	30	Cast Iron	2024
Schedule E	N	HIP 3M Type III & IV	City	30	30	Cast Iron	2024
Schedule E	S	HIP 3M Type III & IV	City	30	30	Cast Iron	2024
Schedule E	W	EGP Type I	City	30	30	U-Channel	
Schedule D	N	HIP 3M Type III & IV	City	30	30	Tele Spar	

Schedule E	W	EGP Type I	City	30	30	U-Channel	
Schedule E	E	EGP Type I	City	30	30	U-Channel	
Schedule E	N	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	S	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	NW	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	SE	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule D	S	HIP 3M Type III & IV	County	36	36	Tele Spar	
Schedule E	W	EGP Type I	City	30	30	U-Channel	
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	
Schedule D	W	EGP Type I	City	30	30	U-Channel	
Schedule E	NW	HIP 3M Type III & IV	City	30	30	U-Channel	
Schedule E	SE	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	SE	HIP 3M Type III & IV	City	30	30	Street Light	2020
Schedule E	NW	EGP Type I	City	30	30	Tele Spar	
Schedule E	W	HIP 3M Type III & IV	City	30	30	Tele Spar	2024
Schedule D	W	EGP Type I	City	30	30	Tele Spar	
Schedule E	NW	HIP 3M Type III & IV	City	30	30	U-Channel	2024
Schedule D	E	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule E	SE	HIP 3M Type III & IV	City	30	30	Round	2026
Schedule E	NE	HIP 3M Type III & IV	City	30	30	U-Channel	
Schedule E	N	EGP Type I	City	30	30	U-Channel	
Schedule D	E	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	NW	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	E	EGP Type I	City	30	30	U-Channel	
Schedule D	SW	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2024
Schedule E	SE	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	NW	HIP 3M Type III & IV	City	30	30	Tele Spar	2021
Schedule E	NE	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule D	NW	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule D	SW	HIP 3M Type III & IV	City	30	30	U-Channel	2023
Schedule D	W	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	N	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule D	E	HIP 3M Type III & IV	City	30	30	U-Channel	2021
Schedule E	N	EGP Type I	City	30	30	U-Channel	
Schedule E	S	EGP Type I	City	30	30	U-Channel	
Schedule D	NE	HIP 3M Type III & IV	County	30	30	U-Channel	
Schedule E	S	HIP 3M Type III & IV	City	30	30	U-Channel	2020
Schedule E	S	EGP Type I	City	30	30	U-Channel	
Schedule E	S	EGP Type I	City	30	30	U-Channel	
Schedule E	NW	HIP 3M Type III & IV	City	30	30	Round	2020
Schedule E	NW	HIP 3M Type III & IV	City	30	30	Tele Spar	
Schedule E	NE	EGP Type I	City	30	30	Tele Spar	
Schedule D	N	HIP 3M Type III & IV	City	30	30	Tele Spar	2020
Schedule D	SW	HIP 3M Type III & IV	City	30	30	Street Light	2020



**Flooding Information** Multiple road closures due to widespread flooding. [Click here for current information.](#)

# Traffic Engineering Assistance Program (TEAP) Funding Now Available for FY 2020 & FY 2021

Traffic Engineering Assistance Program (TEAP) Funding Now Available for FY 2020 & FY 2021

## Traffic Engineering Assistance Program (TEAP) Funding Now Available for FY 2020 & FY 2021

Application period 7/26/2019 through 9/20/19

The Missouri Department of Transportation is seeking projects to be funded with Traffic Engineering Assistance Program (TEAP) funds.

The Traffic Engineering Assistance Program (TEAP) allows local public agencies (LPAs) to receive engineering assistance for studying traffic engineering problems. LPAs facing a traffic safety or operational problem can utilize the [LPA On-Call Consultant List](#) to perform a traffic study.

Typical traffic engineering related projects include: corridor safety and/or operational analysis, intersection(s) safety and/or operational analysis, speed limit review, sign inventory, pedestrian/bike route analysis, parking issues, and other traffic studies, etc. During this program call, MoDOT is opening applications for ADA Transition Plans for TEAP funding. The ADA Transition planning work may utilize Trails & Sidewalk or TEAP consultants from the MoDOT LPA consultant on-call list.

Local public agencies are reimbursed for eligible project costs at a rate of 80 percent with the local agency providing a 20 percent match. Funds administered by MoDOT will provide 80 percent of the TEAP project costs, up to \$8,000 per project. If the total cost is greater than \$10,000, the local agency can pay more than 20 percent to complete the TEAP project, if desired.

This year MoDOT is awarding two years' worth of funding with projects to receive funding in the year funds are available. Eligible projects must be able to be completed by spring of 2020 or spring of 2021.

Applications must be submitted by e-mail to the appropriate [MoDOT District LPA](#) Contact by September 20, 2019. Project awards will be announced in November 2019.

For the [TEAP Application](#) and additional information, visit section [136.3](#) of MoDOT's Engineering Policy Guide.

[FY 2020 & FY 2021 TEAP Schedule](#)

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*Bob, Do we want to apply for this for the*

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*Stop sign study? I have tilted this out lots of times.*

*Andy*