TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

FHWA Office of Operations January 28, 2022

I												
Transportation Pooled Fund Program Projection	ect # Transportation Pool	Transportation Pooled Fund Program - Report Period:										
TPF-5(470)	☐ Quarter 1 (Januar	y 1 – March 31)										
	☐ Quarter 2 (April 1	– June 30)										
	☐ Quarter 3 (July 1 –	☐ Quarter 3 (July 1 – September 30)										
	, ,	X Quarter 4 (October 1 – December 31)										
Project Title:												
Project ride.												
Traffic Signal Change and Clearance Interval	Pooled Fund Study – Synthesis Repo	ort (Phase 1 of 3)										
Name of Project Manager(s):	Phone Number:	E-Mail										
Eddie Curtis	(404) 780-0927	Eddie.Curtis@dot.gov										
Lead Agency Project ID:	Other Project ID (i.e., contract #):	Project Start Date:										
693JJ321F000151	DTFH6116D00053L	6/21/2021										
Original Project End Date: 9/28/2022	Current Project End Date: 9/28/2022	Number of Extensions: 0										
Project schedule status:												
$$ On schedule \square On revised schedu	le	☐ Behind schedule										
Overall Project Statistics:												
Total Project Budget	Total Cost to Date for Project	Percentage of Work Completed to Date										
\$300,000 (Phase 1)	\$103,000.00	35%										
Quarterly Project Statistics:		1										
Qualterly Froject Statistics.												
Total Project Expenses	Total Amount of Funds	Total Percentage of										
	Total Amount of Funds Expended This Quarter \$85,0000	Total Percentage of Time Used to Date										

Project Description:

Synthesis of the state of knowledge on traffic signal change and clearance intervals, and to identify research gaps, and develop a research and data collection plan to improve the documentation and consistent implementation of methods within state and local agencies.

The objectives of this task order are as follows:

- 1. The Contractor must develop a synthesis of knowledge on traffic signal change and clearance intervals, and identify research gaps, and develop a research plan and evaluate potential data collection alternatives.
- 2. The Contractor must provide a report, and companion database to characterize the current state of knowledge and practices related to traffic development and implementation of traffic signal change and clearance intervals.

Project Requirements

The Contractor must provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items and non-personal services necessary to perform the following Tasks.

- Task 1 Project Management
- Task 2 Literature Review and Benchmarking Report
- Task 3 Research Plan
- Task 4 Data Collection Methods Analysis
- Task 5 Synthesis Report and Outreach

Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):
 Final Draft Literature Review Submitted Final Benchmarking Plan and SQL Database Complete
Anticipated work next quarter:
 Preliminary Benchmarking Data Collection Underway (Task 2), Research plan (Task 3), and data collection plan Underway (Task 4) Obtain agency survey permission from Office of Management and Budget (OMB) Technical Panel Meetings March Week 3 – Review Research Plan April Week 4 – Review Data Collection Plan
Significant Results:
Literature Review Complete – Significant Finding is a gap in change and clearance interval evaluation methods.
Circumstance affecting project or budget. (Please describe any challenges encountered or anticipated that might affect the completion of the project within the time, scope and fiscal constraints set forth in the agreement, along with recommended solutions to those problems).
None to Report
TPE Program Standard Quarterly Reporting Format – 7/2011

Potential Implementation:		
None to report this quarter.		

Tentative Schedule (June 2021 - September 2022)																																							
Traffic Signal Change and Clearance Interval Pooled Fund Study – Synthesis Report																																							
	-			_																																			
Week Number	er 1	2 3		5	6 7 Jul		9 1		12 a-21	13 14		16 ep-21	17 18	3 19	20 2 Oct-2		2 23	24 2 Nov-2		27 2	28 29 Dec-		31 3	2 33 Jan		36	37 3 Feb-2		40	_	2 43 1-22	44		47 or-22	48 4		51 5 1V-22	52 53	54
Tasks	w 1	w 2 w	3 w 4	w 5 v	v 1 w 2	-21 w 3	w 4 w	/ 1 W 2	g-21 2 w 3	w 4 w	1 w 2	w 3	w 4 w	5 w 1	w 2 w	3 w	4 w 1	w 2 w	/ 3 W 4	w 1 w	/ 2 w 3	21 8 w 4	w 5 w	1 w 2	w 3 w 4	4 w 1	w 2 w	3 w 4	w 1 v	w 2 w	3 w 4	w 5 v	v 1 w :	2 w 3	w 4 w	1 w 2	y-22 2 w 3 y	v 4 w 1	w 2 v
Task 1 - Project Management								,	, ,	,											,			-									,	-				,	
			4																			\Box		\perp					\Box						\Box	4	\Box		ш
Task 2 - Literature Review, Benchmarking and Research Gaps										Q,																									Ш				
Task 3 – Research Plan																														2	,								
Task 4 – Data Collection Alternatives and Analysis Methods																																			3				
Task 5 – Synthesis Report and Outreach																																							
Interim Deliverable 1.1 - Kickoff Meeting (Agenda, Presentation, Project Schedule, Kickoff Meeting Minutes)																																							
Interim Deliverable 1.2 - Project Management Plan																																							
Interim Deliverable 2.1 - Literature Review White Paper										*																				*									
Interim Deliverable 2.2 - Traffic Signal Change and Clearance Interval Benchmarking Plan										*																				*									
Interim Deliverable 2.3 - Traffic Signal Change and Clearance Interval Benchmarking Data SQL-Based Database											÷		Ť			Ť		Ť	$\dot{}$									÷		*									
Interim Deliverable 3.1 - Research Plan																														¥			+				П		
Interim Deliverable 4.1 - Data Collection Alternatives and Analysis Methods Plan										+			H														\pm	Ŧ		\pm			÷	7			H		
Interim Deliverable 5.1 - Synthesis Report																																							
Interim Deliverable 5.2 - Presentation of Synthesis Findings																																							
Progress Reports to NCHRP	X			Y	L	7	¥			Y	L	7		Y			*	Ψ	L				Y			¥	Ψ	L				4			T T			4	
Duration of Tasks and Deliverables	30		13 20		4 11	18	25	1 8	3 15	22 2	29 5	12	19 2	26 3	3 10	17 2	4 31	7	14 21		5 12	2 19	26	2 9	16 2	3 30	6	13 20	27	6	13 20	27	3 1	0 17	24	1 8	3 15	22 29	5
▲ Deadline for Draft and Final Interim Deliverables Time for Panel and FHWA Reviews	31		14 21		5 12	19	26	2 9	7 16	23 3	30 6	13	20 2	27 4	1 11	18 2	25 1	8	15 22	29		3 20 4 21		3 10	17 2	4 31	7	14 21	28	7	14 21	28	4 1	1 18	25	2 9	16	23 30	6
Time for Panel and FHWA Reviews ☆ ★ Draft and Final Outcome of the Task to be presented on Technical Pannel Meetings		9	15 22	29	0 13	20	2/	3 10	J 1/	24 3	1 0	14	21 2	20 5	12	20 2	20 2	10	10 23	30		4 21 5 22		4 11 5 12	10 2	5 I	ð	15 22	1	8	15 22 14 22	30	5 1	∠ 19 3 20	26	3 10	1 19	24 3	,
Timespan for Kick-off and Technical Panel Meetings	_		16 23 17 24	1	8 15	22	29	5 12	1 10	26	2 9	16	23 3	30 7	7 14	20 2	8 4	11	18 25	2		5 23		6 13	20 2	7 3	10	17 24	3	10	10 23 17 24	31	7 1	3 20 4 21	28	5 1	2 19	26	9
Timespan for Monthly Status and Ad-Hoc Meetings (TBD)					9 16	23	30	6 13	3 20	27	3 10	17	24	1 8	3 15	22 2	9 5	12	19 26	3	10 17				21 2		11	18 25	4	11	18 25	1	8 1	5 22	29	6 13	3 20	27	10
△ Monthly and Quarterly Progress Reports								7 14	4 21		4 11			2 9																			9 1	6 23	30	7 1/	4 21		
				_																										_		_							_