CMAP

Project Application Workbook for CMAQ, TAP-L and STP Shared Fund Applications

All STP, CMAQ and TAP-L applicants should fill out the project specific worksheets found in this workbook. See the project lists below for common project types and the corresponding worksheet(s).

- Clicking on the project type link below will open the corresponding benefits worksheet.
- Instructions for the individual worksheets can be found on those worksheets.
- Applicants should use only one copy of the workbook per application and each application must complete one workbook.
- For STP shared fund projects proposing staged construction, one copy of the workbook must be completed for *each stage* that will be scored separately, in addition to one copy of the workbook for the entire project.
- In addition to the project type specific worksheets, all STP shared fund applicants must also complete the All STP Projects worksheet.
- Attach the entire workbook **as an Excel file** to the corresponding eTIP application on the Documents tabs. Do not save it as a PDF document.
- Yellow tabs are for CMAQ/TAP projects only, orange tabs are STP shared fund projects only, green tabs are for all fund sources. On green tabs, question headers are also color-coded according to fund source(s).
- Answers go in the light green cells only.
- Be sure to scroll all the way to the bottom of each worksheet. The worksheet is complete when you reach the red "THIS WORKSHEET ENDS HERE" row.

CMAQ and TAP Project Types		
Project Type	**Benefits Worksheet (CMAQ/TAP)**	**Fund(s)**
Access to Transit	Transit Projects	CMAQ (See also STP Transit Station Improvements)
Adaptive Signal Control	Signal Interconnects and Safety	CMAQ
Alternative Fuel	Direct Emissions Reduction	CMAQ
Bicycle Bridge	Bicycle Facility Projects	CMAQ/TAP (See also STP Bicycle/Pedestrian Barrier Elimination)
Bike Lane	Bicycle Facility Projects	CMAQ/TAP
Bike Parking at Transit	Transit Projects	CMAQ (See also STP Transit Station Improvements)
Bike Path	Bicycle Facility Projects	CMAQ/TAP (See also STP Bicycle/Pedestrian Barrier Elimination)
Bike Sharing	Other Projects	CMAQ
Bus Speed Improvements	Transit Projects	CMAQ (See also STP Bus Speed Improvements)
Commuter Parking	Transit Projects	CMAQ
Continuous Left Turn Lane	Road Projects and Safety	CMAQ (See also STP Road Reconstruction or Road Expansion)
Curb Cut Elimination	Road Projects and Safety	CMAQ
Diesel Engine Retrofits	Direct Emissions Reduction	CMAQ
Electric Infrastructure	Direct Emissions Reduction	CMAQ
Electric Vehicles	Direct Emissions Reduction	CMAQ
Highway/Rail Grade Separations	Road Projects and Safety	CMAQ (See also STP Highway/Rail Grade Crossing Improvements)
Intersection Improvements	Road Projects and Safety	CMAQ (See also STP Road Reconstruction or Road Expansion)
ITS Projects	Other Projects	CMAQ
Locomotive Retrofits/Repowers	Direct Emissions Reduction	CMAQ
Marketing Program	Other Projects	CMAQ
New Transit Service	Transit Projects	CMAQ
Pedestrian around transit	Transit Projects	CMAQ
Signal Interconnect	Signal Interconnects	CMAQ
Station Improvements	Transit Projects	CMAQ (See also STP Transit Station Improvements)
TMA Programs	Other Projects	CMAQ
Traffic Management Center	Other Projects	CMAQ
Turn Lanes	Road Projects and Safety	CMAQ (See also STP Road Reconstruction, Road Expansion, or Safety)
Vehicle Replacements	Direct Emissions Reduction	CMAQ
Vehicle Repowers	Direct Emissions Reduction	CMAQ

STP Shared Fund Project Types			
Project Type	**Example project scope elements**	**Required worksheets**	**Optional worksheet**
Bicycle and Pedestrian Barrier Elimination	· Bicycle/pedestrian overpass · Bicycle/pedestrian underpass · New multi-use path/trail that eliminates/avoids barrier	All STP Projects; Bike Ped Barrier Elimination	Safety
Bus Speed Improvements	· BRT/ART route construction (stops, pull outs, separators, etc.) · Transit Signal Priority (TSP) and other ITS · Bus-only travel lanes	All STP Projects; Transit Projects	Safety
Bridge Rehabilitation or Reconstruction	· Bridge replacement · Deck replacement · Superstructure rehab/reconstruct · Substructure rehab/reconstruct	All STP Projects; Bridge Projects	Safety
Highway/Rail Grade	· Grade separation · Other crossing improvements	All STP Projects; Rail-Hwy Crossings	Safety
Road Reconstruction	· Reconstruction of roadway	All STP Projects; Road Projects	Safety
Road Expansion	· Additional through lanes · New/extended road · New interchange · New ramps (additional movements)	All STP Projects; Road Projects	Safety
Corridor or Small Area Safety	· Safety countermeasures that are appropriate for the crash type(s) in the project corridor/area · Intersection improvement (turn lanes, etc.) · Traffic signal modifications	All STP Projects; Safety	
Transit Station	· Rehab, repair, or replace station building, boarding platforms, and other station fixtures · Complete direct connection of sidewalk/bicycle network to station · Install bike parking or bike-sharing at station	All STP Projects; Transit Projects	Safety
Truck Route Improvements	· Intersection reconstruction to improve turn radii, lengthen storage, etc. · Signal modifications · ITS solutions (corridor or intersection) · Pavement reconstruction (structural) · Relocation of designated truck route	All STP Projects; Truck Routes	Safety

STP Shared Fund - ALL Project Types

Complete the questions.

	Project Identification	
1	TIP ID (as assigned in eTIP):	
2	Project Title (as entered in eTIP):	

	Eligibility	
3	Number of local partners participating in the project:	Pick One
	If more than one partner, provide a list of partners and briefly explain how each is participating financially in the project:	
4	Is the project identified in an approved or adopted plan?	Yes/No
	Is the project type supported in an approved or adopted plan?	Yes/No
	Provide a link to the plan document (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application.	
	On what page(s) of the plan can the project be found or referenced?	

	Sponsor/Implementer Relationship	
5	Will this project be implemented by an agency that is not the sponsor, such as IDOT, the county DOT or a transit agency?	Yes/No
	If implementation will be by another agency, describe the implementing agency's commitment to implementing the project according to the schedule proposed in this application. Attach any evidence (such as a Letter of Intent or budget document that includes the project) in eTIP, and provide the name of the file attachment here:	
	If implementation will be by another agency, provide the agency name and the name, phone number, and email address of a contact at that agency that can verify the agency's commitment to implementing the project according to the STP shared fund Active Program Management policies:	

	STP Shared Fund Project Type(s)				
6	Select the project type(s) for this application. Projects will be considered in multiple categories only if there is both an appropriate need and improvement shown in those categories:	☐	Bicycle and Pedestrian Barrier Elimination	☐	Bridge Rehab or Reconstruction
		☐	Bus Speed Improvements	☐	Corridor or Small Area Safety

STP Shared Fund - ALL Project Types

		☐	Highway/Rail Grade Crossing Improvements	☐	Road Expansion
		☐	Road Reconstruction	☐	Transit Station Improvements (including bike/ped access)
		☐	Truck Route Improvements		

		Minimum Acceptable Funding							
		Projects processed by IDOT/FHWA					Projects processed by FTA		
		ENG1	ENG2	ROW	CON	CE	ENG	IMP	CON
7	Enter the full amount of requested STP shared funds in whole dollars, as shown in eTIP, by phase:								
	Enter the minimum amount of STP shared funds the sponsor is willing to accept, by phase:								
8	By providing a minimum acceptable funding amount, the project sponsor(s) acknowledges and agrees to the following. If any point is not agreed to or any requested data is not provided in this section only the full amount of requested funding will be considered during program development.								
	The sponsor has local or other funds available to fill the funding gap?	Yes/No							
	If yes, source of funds that will be used in lieu of STP, if less than the full amount requested is programmed, by phase:	ENG1	ENG2	ROW	CON	CE	ENG	IMP	CON
	If the above source of funds is "STP-L" from the local council/CDOT, enter the Federal Fiscal Year in which STP-L funds are currently programmed, by phase:								
	If the above source of funds is "STP-L" from the local council/CDOT, enter the amount of STP-L funds that are currently programmed, by phase:								
	No additional STP shared funds will be awarded under any active reprogramming actions allowed by Active Program Management policies for projects or project phases programmed at less than the full amount requested, however sponsors may apply for additional funds in future calls for projects, but any STP shared funds already programmed will not be considered as "committed" funds during future calls. Check box to indicate agreement.	☐							
	Projects funded at less than the fully requested funding amount will not be automatically "made whole". The sponsor is accepting a set percentage share of STP shared funds. That percentage will be held constant if the cost of the project/project phase changes. Check box to indicate agreement.	☐							
	Financial commitment points for this application will be calculate based on the full requested amount of STP shared funds. These points will *not* be recalculated if a project is funded at less than the fully requested amount. Check box to indicate agreement.	☐							

THIS WORKSHEET ENDS HERE

CMAQ and TAP Bicycle Facility Projects

Complete the questions.

	Project Identification		
1	TIP ID (as assigned in eTIP):		
2	Project Title (as entered in eTIP):		

	Project Information				
3	Indicate the current status of the bicycle environment where the proposed facility will be constructed. Are bike lanes present? If so, give width.				
4	Indicate the connectivity of bikeways resulting from the project:	Pick One			
5	Describe how the proposed bicycle facility integrates with transit service				
6	Provide the following for the road(s) of the facility or adjoining to the off-road facility (use separate columns for multiple roads and provide road name)	Road Segment 1	Road Segment 2	Road Segment 3	Road Segment 4
	Road Segment Name:				
	Traffic volumes (AADT):				
	# of Thru Lanes:				
	Lane Width (ft):				
	Width of Outside Paved Shoulder (ft):				
	Speed Limit (mph):				
7	Is the project identified in an approved or adopted plan?	Yes/No			
8	Provide a web link to the plan document:				
9	On what page(s) of the plan can the project be found or referenced?				

	Additional Information	
10	Project Description (provide additional details on the project): Use this space to provide additional description not entered in eTIP, or to indicate the file name of any narrative that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

STP Shared Fund Bicycle and Pedestrian Barrier Elimination Projects

Complete the questions.

	Project Identification		
1	TIP ID (as assigned in eTIP):		
2	Project Title (as entered in eTIP):		

	Green Infrastructure Planning Factor		
3	Has the sponsor or local jurisdiction where the project is located adopted green infrastructure policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document(s) can the policies be found?		
4	Does the project have green infrastructure components?	Yes/No	
	If yes, please describe the green infrastructure components:		

	Complete Streets Planning Factor		
5	Has the sponsor or local jurisdiction where the project is located adopted complete streets policies?	Yes/No	
	If yes, please provide a link to policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document(s) can the policies be found?		

	All Barriers		
6	Is the project is mapped accurately in eTIP?	Yes/No	
	If no, list the file name of the location map attached in eTIP and *briefly* describe the location here:		
7	List any public or private schools (serving students in grades K-12) within 1 mile of the project location:		
8	Select the Regional Greenways and Trails Plan (RGTP) connectivity:	Pick One	
	List the regional trail(s) applicable to the above selection:		

	Railroad Barriers Only	
9	List the train line(s) that will be crossed:	
	List the crossing location (road name or distance/direction/name of nearest existing road crossing):	

	Road Barriers Only	
10	Name of street(s) that is the barrier:	

	Water Barriers Only	
11	List the body of water that will be crossed:	
	Identify the nearest crossing (either direction) with adequate bike/ped infrastructure that crosses the water body:	
	Name(s) of any file(s) attached in eTIP showing project and nearest crossing locations:	

	Additional Information	
12	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

STP Shared Fund Bridge Rehabilitation or Reconstruction Projects

Complete the questions.

	Project Identification	
1	TIP ID (as assigned in eTIP):	
2	Project Title (as entered in eTIP):	

	Complete Streets Planning Factor	
3	Has the sponsor or local jurisdiction where the project is located adopted complete streets policies?	Yes/No
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:	
	On what page(s) of the document can the policy be found?	
4	Indicate the complete streets elements that will be present when the project is completed.	
	Sidewalks	Pick One
	Marked/striped bike lanes	Pick One
	Buffered/protected bike lanes	Pick One
	Multi-use path or trail	Pick One
	Refuge islands	Yes/No
	Curb extensions/bump outs/chicanes	Yes/No
	Bicycle rack and/or bike-sharing docks	Yes/No
	Crosswalk or lane enhancements (e.g. colored, raised, textured)	Yes/No
	Pedestrian beacons or countdown signals	Yes/No
	Enter a description of any elements for which you selected "varies" or for any additional complete streets elements that should be considered:	

	Freight Planning Factor	
5	Sponsor/local jurisdiction has an online truck permitting program?	Yes/No
	If yes, please provide a link to the web page:	
	Sponsor/local jurisdiction has one or more delivery management policies?	Yes/No
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):	
	Sponsor has completed/participated in a truck routing study?	Yes/No
	If yes, please provide a link to the study results (if not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):	
	Sponsor has completed a systematic review of truck restrictions within their jurisdiction	Yes/No

	If yes, please provide a link to the review results (if not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):		
	The project is identified in a local, county, or regional freight mobility plan?	Yes/No	
	If yes, please provide a link to the plan (if not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):		
	Have you submitted a Class I or Class II Truck Route designation request to IDOT within the last two years?	Yes/No	
	If yes, please attach a copy of the request and/or IDOT's response in eTIP, and indicate the file name of the document attached (pdf or Word format only) to the eTIP application:		

	Structure Information and Project Scope						
6	For each individual structure that is included in the project, provide the following:	Structure 1	Structure 2	Structure 3	Structure 4	Structure 5	Structure 6
	NBI Structure Number:						
	NBI Sufficiency Rating (see application booklet for web link):						
	If there is no sufficiency rating listed, has an inspection been completed within the last 5 years? If yes, attach a copy of the inspection report in eTIP.	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
7	Current load posting level (NBI Item 70)	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One
	Anticipated load posting level after project completion (if not fully replacing)	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One
8	Indicate the work to be done on each structure:	Structure 1	Structure 2	Structure 3	Structure 4	Structure 5	Structure 6
	Full replacement of entire structure (deck, substructure, and superstructure)	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
	Deck	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One
	Substructure	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One
	Superstructure	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One
	Culvert (if applicable)	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One
9	Will the average lane width be increased due to this project?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
	If yes, average lane width after project completion (ft.)						
	If lane widths will be insufficient after completion of the project, has a design exception been approved during phase 1 or phase 2 engineering?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
10	Upon completion of the project, will each of the below safety features meet currently acceptable standards? If no, has a design exception been approved during phase 1 or phase 2 engineering?	Structure 1	Structure 2	Structure 3	Structure 4	Structure 5	Structure 6
	Bridge railings	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One
	Transitions	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One
	Approach guardrail	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One
	Approach guardrail ends	Pick One	Pick One	Pick One	Pick One	Pick One	Pick One

	Additional Information	
11	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

CMAQ Demonstration Projects

Contact CMAP staff before submitting a demonstration project.

	Project Identification	
1	TIP ID (as assigned in eTIP):	
2	Project Name (as entered in eTIP):	

	Project Description	
3	Please describe improvements, including how you expect this to benefit air quality or reduce congestion and how it can be applied to other parts of the region, etc.:	
4	Demonstration Evaluation Plan. Describe how the project will be evaluated to determine actual emissions benefits realized. use additional pages if necessary:	
5	What are the regional application of this project?	
6	Describe any other projects, either underway or completed, with which this project is related:	
7	What future projects do you anticipate resulting from this project?	

THIS WORKSHEET ENDS HERE

CMAQ Direct Emissions Reduction Projects

Complete the questions and provide the relevant vehicle and technology data under question 7.

	Project Identification	
1	TIP ID (as assigned in eTIP):	
2	Project Title (as entered in eTIP):	

3	Total number of vehicles in this application	
4	What area(s) will the vehicle(s) be in service?	
5	Ridership Demographics (if vehicles are for transit service)	
	% over 65 in age	
	% under 5 in age	
	median household income	
	% minority	

	Additional Information	
6	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

Vehicle Information

7 Please complete the fields below, using one line for each group of vehicles (type, engine, technology, etc.)

Vehicle Type	Vehicle Size	Horsepower	Number of Vehicles	Current Vehicle Model Year	Upgrade Year	Fuel Type Before Upgrade	Fuel Type After Upgrade	Annual Miles per Vehicle Before Upgrade	Annual Miles per Vehicle After Upgrade	Annual Idling Hours Before Upgrade	Annual Idling Hours After Upgrade	Technology Applied	Expected Remaining Life of Vehicles Being Replaced	Hours per Day of Operation	Days per Year of Operation

THIS WORKSHEET ENDS HERE

CMAQ Other Projects

Other projects present the challenge of collecting data that will allow for emissions benefits to be calculated. Not all of the questions below will pertain to your application. Please provide additional information that you think will help staff evaluate the application. Your project should either help eliminate/divert single-occupancy-vehicle trips (SOV) or helps to reduce congestion of existing traffic.

1	TIP ID (as assigned in eTIP):	
2	Project Title (as entered in eTIP):	
3	Auto trips eliminated per day (round trips):	
4	Length of auto trips eliminated (one-way miles to the nearest tenth):	
5	Auto trips diverted to the new facility (round trips):	
6	Line-haul length of trips diverted (one-way miles to the nearest tenth):	
7	Affected days per year:	
8	Project life (years):	
9	Current traffic volume (ADT – indicate year):	
10	Utilization rate (percent):	

11	Describe method used to estimate benefits. Provide basis for parameters used to estimate benefits (e.g., diversion rate, auto occupancy, trip length):	
12	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

STP Highway-Rail Grade Crossing Improvement Projects

Complete the questions.

	Project Identification		
1	TIP ID (as assigned in eTIP):		
2	Project Title (as entered in eTIP):		

	Complete Streets Planning Factor		
3	Has the sponsor or local jurisdiction where the project is located adopted complete streets policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document can the policy be found?		
4	Indicate the complete streets elements that will be present when the project is completed.		
	Sidewalks	Pick One	
	Marked/striped bike lanes	Pick One	
	Buffered/protected bike lanes	Pick One	
	Multi-use path or trail	Pick One	
	Refuge islands	Yes/No	
	Curb extensions/bump outs/chicanes	Yes/No	
	Bicycle rack and/or bike-sharing docks	Yes/No	
	Crosswalk or lane enhancements (e.g. colored, raised, textured)	Yes/No	
	Pedestrian beacons or countdown signals	Yes/No	
	Enter a description of any elements for which you selected "varies" or for any additional complete streets elements that should be considered:		

	Green Infrastructure Planning Factor		
5	Has the sponsor or local jurisdiction where the project is located adopted green infrastructure policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document(s) can the policies be found?	Yes/No	
6	Does the project have green infrastructure components?	Yes/No	

	If yes, please describe the green infrastructure components:	

	Project Location and Scope						
7	For each grade crossing location, provide the following. *For projects with more than 6 crossings provide information for additional segments in the Additional Information section (Question 8) below.*	Crossing 1	Crossing 2	Crossing 3	Crossing 4	Crossing 5	Crossing 6
	Grade crossing number:	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
	Does your agency have a calculation of the delay at the subject grade separation? If yes, please attach the calculation to the application in eTIP.	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
	Does the project provide a full grade separation at this crossing?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
	If not a full grade separation, will the project improve train movements at this crossing?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
	If not a full grade separation, will the project improve the crossing (gates, signals, etc.)?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

	Additional Information	
8	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

STP and CMAQ Road Projects

This worksheet is for Intersection Improvement and Bottleneck Elimination Projects under the CMAQ program and Road Reconstruction and Road Expansion under the STP Shared Fund program.

Green sections for all projects, yellow sections for CMAQ projects only, orange sections for STP projects only.

Signal Interconnect and Adaptive Signal Control projects should also fill out the Signal Interconnect worksheet.

All Intersection Improvement and Bottleneck Elimination projects need to complete before and after Input Module worksheets for all intersections involved in the project to be considered for CMAQ funding. A blank copy of the worksheet (Word) is available on the Call for Projects page, under the Application Documents. Completed worksheets should be uploaded as attached document to the eTIP application.

	Project Identification (All Projects)		
1	TIP ID (as assigned in eTIP):		
2	Project Title (as entered in eTIP):		

	Project Scope (CMAQ Only)		
3	Will bicycle facilities be added as part of this project?	Yes/No	
	If yes, please fill out the bicycle facility projects worksheet to receive credit for a CMAQ application.		
4	Is this project a corridor level improvement or part of a larger corridor improvement?	Yes/No	
	If yes, please provide information on the corridor.		
5	Does the project include a physical transit improvement?	Yes/No	
	If yes, please provide the types of improvements.		

	Project Scope (check all that apply)		
6	**Intersection Type**		
	Roundabout	☐	
	Restricted Crossing U-Turn (J-Turn)	☐	
	Median U-Turn	☐	
	Diverging Diamond Interchange	☐	
	Conventional Intersection	☐	
	Bottleneck Elimination		
	Highway-Rail Grade Separation	☐	
	Two-way left turn lane	☐	
	Realignment	☐	
	Remove Obstruction	☐	
	Vertical Clearance	☐	

	Truck Route Improvement	☐	
	Turn Lanes		
	Add Dual Left Turn Lanes	☐	
	Add Single Left Turn Lanes	☐	
	Add Right Turn Lanes	☐	
	Multiple Turn Lane Types	☐	
	Reconstruction		
	Full intersection reconstruction	☐	
	Traditional interchange reconstruction	☐	
	Bridge reconstruction	☐	
	Bridge rehabilitation	☐	
	Other reconstruction	☐	
	Signals		
	Signal modernization	☐	
	New signalization	☐	
	Capacity addition (only eligible for STP Shared Fund)		
	New intersection(s)	☐	
	Add travel lane(s)	☐	
	New/extended road	☐	

	Grade Separation Projects (CMAQ only. STP Grade Crossing Improvement projects should complete the Grade Crossing worksheet)		
7	Provide the grade crossing number(s)		
8	Does your agency have a calculation of the delay at the subject grade separation? If yes, please attach the calculation to the application in eTIP.	Yes/No	

	Project and Segment Characteristics (all projects except CMAQ intersection improvements)		
9	What is the length of the project in miles?		
10	Do queues currently clear on the major street at signalized intersections in the pm peak period?	Yes/No	

11	For each segment, provide the following. *For projects with more than 6 segments, provide information for additional segments in the Additional Information section (Question 19) below.*	Segment 1	Segment 2	Segment 3	Segment 4	Segment 5	Segment 6
	Street name						
	Posted speed (mph)						
	AADT (bi-directional)						
	AADT source and year collected						
	% Trucks						
	% Trucks source and year collected						

	Systematic Improvements (All projects)		
12	Integrated corridor management	☐	
	Work zone management (traveler information improvements)	☐	
	Truck travel information systems	☐	
	Strategies to improve transit on-time performance	☐	
	Ramp metering	☐	
	Road weather management systems	☐	
	Special event management	☐	
	Traffic signal interconnect	☐	
	Adaptive signal control	☐	
	Spot Improvements (CMAQ projects only)		
	Highway-rail grade separation (>10K AADT + >10K annual minutes of delay lasting >10 minutes)	☐	
	Highway-rail grade separation (>5K AADT + >5K annual minutes of delays lasting > 10 minutes)	☐	
	Highway-rail grade separation in ICC top 20 delay list	☐	
	Other highway-rail grade separation	☐	
	Access management strategy	☐	
	Implementation of effective crash reduction strategy	☐	
	Incident Detection (all projects)		
	Traffic Management Center (TMC) to TMC Communications	☐	
	Computer-aided dispatch (911 call center) to (TMC) communications	☐	
	Extension or improvement of real-time traffic surveillance on regional expressways and tollways, including video and detectors	☐	
	Integration of real-time probe data into incident detection procedures	☐	
	Establishment of detector health program	☐	

	Incident Response (all projects)		
	Expansion of response operations capabilities (e.g., minutemen)	☐	
	Dispatch improvements, including center-to-operator and supervisor-to-operator communications (including supervisor-bus communications)	☐	
	Response equipment (e.g., minuteman vehicles)	☐	
	Incident Recovery (all projects)		
	Expediting coroner's/medical examiner's accident investigation process	☐	
	Dynamic message signs (DMS, multiple, including arterial DMS)	☐	
	Incident-responsive ramp meters	☐	
	Speed Management Systems	☐	
	On-scene communication, coordination, and cooperation	☐	
	Development and improvement of highway closure detour routes	☐	

	Safety Improvements (all projects)		
13	Is there a safety issue(s) at this location that will be addressed by the proposed project through improving the geometry or physical condition of the road/intersection?	Yes/No	
	If yes above, complete the Safety worksheet.		

	Planning Factors (STP projects only)		
	Complete Streets Planning Factor		
14	Has the sponsor or local jurisdiction where the project is located adopted complete streets policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document can the policy be found?		
15	Indicate the complete streets elements that will be present when the project is completed.		
	Sidewalks	Pick One	
	Marked/striped bike lanes	Pick One	
	Buffered/protected bike lanes	Pick One	
	Multi-use path or trail	Pick One	
	Refuge islands	Yes/No	
	Curb extensions/bump outs/chicanes	Yes/No	
	Bicycle rack and/or bike-sharing docks	Yes/No	

	Crosswalk or lane enhancements (e.g. colored, raised, textured)	Yes/No	
	Pedestrian beacons or countdown signals	Yes/No	
	Enter a description of any elements for which you selected "varies" or for any additional complete streets elements that should be considered:		
	Freight Planning Factor		
16	Sponsor/local jurisdiction has an online truck permitting program?	Yes/No	
	If yes, please provide a link to the web page:		
	Sponsor/local jurisdiction has one or more delivery management policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):		
	Sponsor has completed/participated in a truck routing study?	Yes/No	
	If yes, please provide a link to the study results (if not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):		
	Sponsor has completed a systematic review of truck restrictions within their jurisdiction	Yes/No	
	If yes, please provide a link to the review results (if not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):		
	The project is identified in a local, county, or regional freight mobility plan?	Yes/No	
	If yes, please provide a link to the plan (if not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):		
	Have you submitted a Class I or Class II Truck Route designation request to IDOT within the last two years?	Yes/No	
	If yes, please attach a copy of the request and/or IDOT's response in eTIP, and indicate the file name of the document attached (pdf or Word format only) to the eTIP application:		

	Green Infrastructure Planning Factor		
17	Has the sponsor or local jurisdiction where the project is located adopted green infrastructure policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document(s) can the policies be found?		
18	Does the project have green infrastructure components?	Yes/No	
	If yes, please describe the green infrastructure components:		

	Additional Information	
19	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

STP Shared Fund Corridor/Small Area Safety Projects and CMAQ Intersection Improvement and Bottleneck Elimination Projects

Complete the questions.
Green sections for all projects, yellow sections for CMAQ projects only, orange sections for STP projects only.

	Project Identification (All Projects)	
1	TIP ID (as assigned in eTIP):	
2	Project Title (as entered in eTIP):	

	Crash Experience (All Projects)	
3	How many crashes have occurred at/within the project location?	
4	Over how many years?	
5	Which crash type caused the most injuries or fatalities?	Pick One
6	Which type(s) of crashes is the project intended to mitigate? (select up to five)	Pick One
		Pick One
		Pick One
		Pick One
		Pick One

Safety Improvements (All Projects)

7 Check all **safety improvements** expected to be included in the project. If a safety improvement is not listed, please describe it in the space provided at the end of this list (question 8).

Facility	Check all the apply	Countermeasure	Planning Level CRF
		Intersection improvement	**0.40**
	☐	Add left turn lane permissive	**0.15**
	☐	Add protected phase to left turn	**0.11**
	☐	Add 2nd turn lane (to existing)	**0.03**
	☐	Extend turn bays	**0.09**
	☐	Raised median	**0.11**
	☐	Positive left turn offset- 1 ft. minimum	**0.08**
	☐	Add right turn lane	**0.07**
		Improve signal timing	**0.15**
	☐	Signalization - install adaptive traffic signal control	**0.07**
	☐	Signalization - increase yellow interval and add all red interval	**0.08**
ial)	☐	Signal interconnect	**0.05**

Intersections	Signal Control (initi	☐	All red clearance	NA
		☐	Increase yellow time	NA
			Improve signal placement visibility	0.20
		☐	Increase to 12 inch lens	0.10
		☐	Improve visibility of signal heads	0.07
		☐	Add 3-inch yellow retroreflective sheeting to signal back plates	0.15
		☐	Install raised pavement markers and striping (through intersection)	0.10
		☐	Replace incandescent traffic signal bulbs with light emitting diodes (LED)	0.02
		☐	Add signal (additional primary head)- all lanes have signal	0.1
		☐	Add right turn lane on one approach-signal-urban	0.09
		☐	Install mast arm	0.15
		☐	Improve intersection sight distance	0.33
		☐	Add pedestrian signal	NA
		☐	Add pedestrian countdown signal	NA
		☐	Add bicyclist signal	NA
		☐	Add pedestrian island	NA
		☐	Add ADA improvements	NA
		☐	Improve pedestrian crossing-other	NA
		☐	Change crosswalk striping width	NA
		☐	Emergency vehicle traffic signal preemption	NA
		☐	Allow Right Turn on Red	-0.03
Intersections	Stop Control to Signal	☐	Convert from yield signal control to signalized control	0.2
		☐	Convert minor stop to - traffic signal -no left turn lane	0.28
		☐	Convert minor stop to - traffic signal with left turn lane	0.46
	Stop Control	☐	Raised median for left turn at 4-way stop	0.25
		☐	Install median on the minor approach of an unsignalized 3-leg intersection	0.15
		☐	Install left-turn lane (4-leg intersection) -minor stop	0.15
		☐	Convert to all-way stop control (from 2-way or yield control)	0.5
		☐	Install two-way stop controlled intersections at uncontrolled intersections	0.5
		☐	Minor stop add right turn lane on one approach-minor stop rural/urban	0.23
		☐	Minor stop add right turn lane on both approach-minor stop rural/urban	0.26
		☐	Replace left-turns with right-turn/u-turn combination	0.36
		☐	Provide flashing beacons at stop controlled intersections	0.05
		☐	2-way stop only : add left turn lane on both approach-major road	0.35
		☐	All stop\minor stop add left turn lane on one approach-major road	0.27
		☐	Install/upgrade larger or additional stop signs or other intersection warning/regulatory signs	0.15
		☐	Re-align segment/ improve skew angle-4 leg intersection	0.4
		☐	Convert signal to roundabout	0.6

	General	☐	Convert all-way stop controlled intersection to roundabout	0.46
		☐	Convert minor road stop intersection to roundabout	0.44
		☐	Signing - install advance street name signs	0.01
		☐	Simplified information-sign reduction	NA
		☐	Install/upgrade signs with new fluorescent sheeting (regulatory or warning)	0.18
		☐	Divert traffic from high pedestrian areas	NA
		☐	Lane channelization -other	NA
		☐	Add intersection lighting	0.1
Road Segments	Medians	☐	Install steel median barrier- multi-divided+4-8 lanes	0.35
		☐	Median treatments - provide a raised median-2 lane at location with access issues	0.39
		☐	Median treatments - provide a raised median- multi-undivided at location with access issues	0.22
		☐	Significantly improve median	NA
		☐	General-install median	0.2
		☐	Add glare screen in median	NA
	General	☐	Add bike lane	NA
		☐	Improve bike lane	NA
		☐	Add sidewalk	NA
		☐	Improve access management	NA
		☐	Install pedestrian bump outs/curb extensions	NA
		☐	Install centerline rumble strips/stripes-	0.2
		☐	Install edge line rumble strips/stripes	0.15
		☐	Install edge-lines and centerlines(much improved where high crash area)- or increase 4 to 6 inch	0.18
		☐	Install dynamic/variable speed automated-dynamic speed feedback warning signs	0.3
		☐	Install delineators, reflectors and/or object markers	0.15
		☐	Curves - install advanced curve speed/warning sign	0.13
		☐	Install chevron signs on horizontal curves	0.4
		☐	Increased pavement friction-safety improved where applied	0.4
		☐	Install curve advance warning signs (flashing beacon)	0.3
		☐	Improve curve super elevation	0.45
		☐	Signing - install advance street name signs	0.01
		☐	Improve RR crossing	NA
		☐	Convert 2-lane roadway to 4-lane divided roadway-urban	0.66
		☐	Convert 2-lane roadway to 4-lane divided roadway-rural	0.29
		☐	Reduce driveway density by 5 driveways per mile*urban (factor up to 20)	0.04
		☐	Install lighting on a roadway segment	0.32
		☐	Install steel guardrail barrier	NA
		☐	Install cable barrier in median	NA
		☐	Install crash cushions	NA
		☐	Install concrete guardrail barrier	NA

	Road Segments	Shoulder Improvements	☐	Add shoulder where not provided (0-4')	0.25
			☐	Add shoulder where not provided (4' or greater)	0.35
			☐	Pave existing shoulder	0.15
			☐	Prohibit on-street parking	0.22
			☐	Flatten side slopes	0.03
			☐	Install guardrail	0.1
			☐	Apply smart edge	0.08
		Change Lane Width	☐	Widen lanes 11 to 12 feet	0.05
			☐	Widen lanes 10 to 11 feet	0.1
			☐	Widen lanes 10 to 12 feet	0.15
			☐	Add lanes by narrowing existing lanes-6 lane freeway	-0.05
			☐	Add lanes by narrowing existing lanes-multi-lane 4 lanes	-0.1
			☐	Convert 2 lane roadway to 4 lane divided roadway	0.76
		Road Diet	☐	Install twltl (two-way left turn lane) on two lane road	0.26
			☐	Road diet (convert 4-lane undivided road to 2-lanes plus turning lane)	0.3
			☐	Remove through lane (4-lane to 3-lane road diet - small urban area)	0.47
			☐	Remove through lane (4-lane to 3-lane road diet - large urban area)	0.19
			☐	Non-freeway: four to five lane conversion (TWLTL)	0.3
			☐	Convert from two-way to one-way traffic	0.47
	Note: The crash reduction factors (CRF's) have been gathered from various national and state agencies. Not all road improvements have been studied. There are improvements included on the safety improvement page which are thought to improve safety, but do not have a published CRF. As more studies are published, the table will be updated. Some minimal safety benefit will still be assigned to the project if all the CRF's are missing/NA.				
8	List any other safety-related improvements not captured above.				

	Complete Streets Planning Factor (STP Safety Projects only)		
9	Has the sponsor or local jurisdiction where the project is located adopted complete streets policies?	Yes/No	
	If yes, please provide a link to policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document(s) can the policies be found?		

10	Indicate the complete streets elements that will be present when the project is completed.	
	Sidewalks	Pick One
	Marked/striped bike lanes	Pick One
	Buffered/protected bike lanes	Pick One
	Multi-use path or trail	Pick One
	Refuge islands	Yes/No
	Curb extensions/bump outs/chicanes	Yes/No
	Bicycle rack and/or bike-sharing docks	Yes/No
	Crosswalk or lane enhancements (e.g. colored, raised, textured)	Yes/No
	Pedestrian beacons or countdown signals	Yes/No
	Enter a description of any elements for which you selected "varies" or for any additional complete streets elements that should be considered:	

	Freight Planning Factor (STP Safety Projects only)	
11	Sponsor/local jurisdiction has an online truck permitting program?	Yes/No
	If yes, please provide a link to the web page:	
	Sponsor/local jurisdiction has one or more delivery management policies?	Yes/No
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):	
	Sponsor has completed/participated in a truck routing study?	Yes/No
	If yes, please provide a link to the study results (if not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):	
	Sponsor has completed a systematic review of truck restrictions within their jurisdiction	Yes/No

	If yes, please provide a link to the review results (if not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):		
	The project is identified in a local, county, or regional freight mobility plan?	Yes/No	
	If yes, please provide a link to the plan (if not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application):		
	Have you submitted a Class I or Class II Truck Route designation request to IDOT within the last two years?	Yes/No	
	If yes, please attach a copy of the request and/or IDOT's response in eTIP, and indicate the file name of the document attached (pdf or Word format only) to the eTIP application:		

	Additional Information (STP Safety Projects only)	
12	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

CMAQ Signal Interconnect Projects

Complete the questions.

	Project Identification		
1	TIP ID (as assigned in eTIP):		
2	Project Title (as entered in eTIP):		

	Project Information				
3	Project length (miles):				
4	Distance between the last two signals at both ends of the project	north/west	south/east		
5	Provide the following by road segment				
	Segment description	Length (mi)	Speed (mph)	Current Traffic Volume (ADT)	Year of ADT estimate
6	Is the project part of a transit signal priority (TSP) corridor?	Yes/No			
7	If yes, provide TSP name:				
8	Is there a safety issue(s) at this location that will be addressed by the proposed project through improving the geometry or physical condition of the road/intersection?	Yes/No			

	If yes above, complete the Safety worksheet.		
9	Is this project a corridor level improvement or part of a larger corridor improvement?	Yes/No	
	If yes, please provide information on the corridor.		
10	Does the project include a physical transit improvement?	Yes/No	
	If yes, please provide the types of improvements.		

	Additional Information	
11	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

STP and CMAQ Transit Projects

Complete the questions.
Green sections for all projects, yellow sections for CMAQ projects only, orange sections for STP projects only.

	Project Identification		
1	TIP ID (as assigned in eTIP):		
2	Project Title (as entered in eTIP):		
3	Project Type:	Pick One	

	Service (CMAQ) or Bus Speed (STP) Improvement Projects					
	For all routes being affected (If more than 5, provide the information below in the Additional Information section (Question 28) below:	**Route**	**Route**	**Route**	**Route**	**Route**
4	List Route Name/Number					
5	Current on-time performance of route to be improved					
6	Current on-time performance, system-wide					
7	Anticipated on-time performance of route after improvement					
8	Schedule time from route start to route end (weekday PM peak)					

	Benefits (CMAQ projects ONLY)		
9	New one-way riders:		
10	Length of typical one way transit trip (miles to nearest tenth):		
11	Percent of new riders arriving by automobile:		
12	Project Life (years):		
13	Provide basis for parameters used to estimate benefits:		

	Commuter Parking (CMAQ projects only)		
14	Net number of new vehicle parking spaces		
15	Net number of new bicycle parking spaces		

	Reliability enhancements (CMAQ projects only - check all that apply)		
16	**Rail**		
	New vehicles	☐	
	Upgraded switches	☐	
	Upgraded power supply	☐	
	Positive train control	☐	
	Station consolidation	☐	
	Track improvements	☐	
	Reduction of freight/vehicle /pedestrian interference	☐	
17	**Bus**		
	New Vehicles	☐	
	Queue Jump/Bypass Lanes	☐	
	Off-board Fare Collection	☐	
	Reduced Stops/Express Service	☐	
	New Dispatching/Decision Support Systems	☐	

	Passenger Vehicle Movement Restrictions	☐
	Transit Signal Priority	☐
	Multi-door boarding with off-board fare collection	☐
	Bus-on-shoulders	☐
	Managed lanes	☐
	Dedicated bus way	☐
	Far-side stops	☐
	Bus stop upgrades	☐
	Near level boarding	☐

Transit Station (STP) or Facility Improvement (CMAQ) Projects

Station Improvement Component

18 *For each major station component, provide the existing asset condition (1-5 TERM scale), the anticipated condition after the project is complete, and the value of each component.*

Component	Current TERM	Future TERM	Value ($)

Bike/Ped Access Component (STP transit station projects only)

19 *For each street* ***within 1/2 mile of the station,*** *provide the street name, direction, total length (linear feet) and linear feet of new, improved, retained (with no improvement) or removed (and not replaced) sidewalk. If more than 10 streets, provide all information for each additional street in the Additional Information section (Question 29) below.*

Street name and direction	Total length	New Sidewalk	Improved Sidewalk	Retained sidewalk	Removed sidewalk
Sample Street, northbound	*3000'*	*1000'*	*100'*	*800'*	*0'*

20

Indicate the bicycle facilities located at or within 1/2 mi of the station	Before	After
Bicycle Racks	☐	☐
Bicycle Lockers	☐	☐
Other Bicycle Parking	☐	☐
Bike-sharing Station/Dock	☐	☐

Transit Station (STP) or Facility Improvement (CMAQ) Projects

Transit Supportive Land Use

Please upload to your eTIP application the relevant section(s) of zoning code identifying the following information and provide page and section numbers below.

21

Permitted Densities	
Residential DU/buildable acre within 1/2 mile of transit station	Select One
Maximum allowable floors (building height)	Select One

22	Innovative Parking Requirements (check all that apply)		Page and section
	Reduced minimum parking requirements	☐	
	Enacted maximum parking requirements	☐	
	Shared parking permitted	☐	
	In-lieu parking fees permitted	☐	
	Enacted bicycle parking requirements	☐	
	Off-street parking is required behind or underneath buildings	☐	
	Off-street parking is permitted off-site	☐	
23	Mixed-use zoning strategies within 1/2 mile of project (check all that apply)		Page and section
	Zoning allows vertical mixing of uses	☐	
	Zoning allows pedestrian-friendly diverse land uses	☐	
	Zoning excludes car-dependent land uses	☐	
24	Additional information noting where potential transit users within a 1/2 mile of a station or stop may be higher than the zoning might suggest is attached	Yes/No	

	Green Infrastructure Planning Factor (STP Transit Station projects only)		
25	Has the sponsor or local jurisdiction where the project is located adopted green infrastructure policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document(s) can the policies be found?		
26	Does the project have green infrastructure components?	Yes/No	
	If yes, please describe the green infrastructure components:		
	Complete Streets Planning Factor (STP Bus Speed Improvement projects only)		
27	Has the sponsor or local jurisdiction where the project is located adopted complete streets policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document can the policy be found?		
28	Indicate the complete streets elements that will be present when the project is completed.		
	Sidewalks	Pick One	
	Marked/striped bike lanes	Pick One	
	Buffered/protected bike lanes	Pick One	
	Multi-use path or trail	Pick One	
	Refuge islands	Yes/No	
	Curb extensions/bump outs/chicanes	Yes/No	
	Bicycle rack and/or bike-sharing docks	Yes/No	
	Crosswalk or lane enhancements (e.g. colored, raised, textured)	Yes/No	
	Pedestrian beacons or countdown signals	Yes/No	
	Enter a description of any elements for which you selected "varies" or for any additional complete streets elements that should be considered:		

	Additional Information	
29	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

STP Truck Route Improvement Projects

Complete the questions.

	Project Identification		
1	TIP ID (as assigned in eTIP):		
2	Project Title (as entered in eTIP):		

	Complete Streets Planning Factor		
3	Has the sponsor or local jurisdiction where the project is located adopted complete streets policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document can the policy be found?		
4	Indicate the complete streets elements that will be present when the project is completed.		
	Sidewalks	Pick One	
	Marked/striped bike lanes	Pick One	
	Buffered/protected bike lanes	Pick One	
	Multi-use path or trail	Pick One	
	Refuge islands	Yes/No	
	Curb extensions/bump outs/chicanes	Yes/No	
	Bicycle rack and/or bike-sharing docks	Yes/No	
	Crosswalk or lane enhancements (e.g. colored, raised, textured)	Yes/No	
	Pedestrian beacons or countdown signals	Yes/No	
	Enter a description of any elements for which you selected "varies" or for any additional complete streets elements that should be considered:		

	Green Infrastructure Planning Factor		
5	Has the sponsor or local jurisdiction where the project is located adopted green infrastructure policies?	Yes/No	
	If yes, please provide a link to the policies (if the document is not available online, enter "see eTIP" and the file name of the document attached (pdf or Word format only) to the eTIP application:		
	On what page(s) of the document(s) can the policies be found?		
6	Does the project have green infrastructure components?	Yes/No	

	If yes, please describe the green infrastructure components:	

	Project and Segment Characteristics						
7	What is the length of the project in miles?						
8	How many intersections, including the end points, are within the project limits?						
9	For each segment, provide the following. *For projects with more than 6 segments, provide information for additional segments in the Additional Information section (Question 26) below.*	Segment 1	Segment 2	Segment 3	Segment 4	Segment 5	Segment 6
	Street name						
	Posted speed (mph)						
	AADT (bi-directional)						
	AADT source and year collected						
	% Trucks						
	% Trucks source and year collected						
10	Are there weight-restricted bridges within the project limits?	Yes/No					
	If yes, provide the location(s):						
	Will the project result in the weight restriction(s) being removed and/or eliminated?	Yes/No					
	If yes, describe the work to be done to remove or eliminate weight restrictions:						
11	Are there vertical clearance restrictions within the project limits?	Yes/No					
	If yes, provide the location(s):						
	Will the project result in the vertical clearance restriction(s) being removed and/or eliminated?	Yes/No					
	If yes, describe the work to be done to remove or eliminate vertical clearance restrictions:						
12	Is the outer lane width insufficient for the design vehicle?	Yes/No					
	If yes, what is the length of roadway with insufficient outer lane widths, in miles?						
13	Do any intersections within the project limits have insufficient turn radii for the design vehicle?	Yes/No					
	If yes, list the intersection(s):						
	At which intersections will the insufficient turn radii be corrected?						
14	Do any intersections within the project limits have insufficient queue storage for the design vehicle?	Yes/No					
	If yes, list the intersections(s):						
	At which intersections will the insufficient queue storage be corrected?						

	Systematic Improvements (check all that apply)		
15	Truck travel information systems	☐	
	Adaptive signal control	☐	
	Integrated corridor management	☐	
	Traffic signal interconnect	☐	
	Dynamic message signs	☐	
	Truck route signing	☐	

	Mitigation of Negative Impacts (check all that apply)		
16	Project reroutes trucks away from sensitive land uses	☐	
	Project includes electrification infrastructure	☐	
	Project includes noise mitigation (sound walls, berms, etc.)	☐	
	Off-street freight loading zones within project limits	☐	
	Loading/delivery time restrictions are imposed in project area	☐	

	Additional Information	
17	Use this space to provide additional description not entered in eTIP, additional information not entered above, or to indicate the file name of any narrative description that is attached in eTIP.	

THIS WORKSHEET ENDS HERE

Bicycle Facility Projects

Bikeway Connectivity
Pick One
Project fills a gap between existing bikeways
Project intersects an existing bikeway
Project extends an existing bikeway
Project is a new isolated bikeway segment

Bike Ped Barrier Elimination

STP Barrier Connectivity
Pick One
Connects two existing RGTP sections
Extends an existing regional trail
Build a new isolated section of a planned regional trail
Builds a new facility that intersects an existing regional trail
Removes barrier at a location not included in the RGTP

Transit Projects

Transit Project types
Pick One
CMAQ: Facility improvement
CMAQ: Service and Equipment
CMAQ: Access to Transit
STP-SF: Bus Speed Improvement
STP-SF: Transit Station Improvement
Application is for both CMAQ and/or STP-SF

Residential DU
Select One
≤ 6
> 6 and ≤ 10
> 10 and ≤ 16
> 16 and ≤ 24
> 24

Building Height
Select One
1 story (12 ft.)
2 story (24 ft.)
3 story (36 ft.)
4 story (48 ft.)
> 4 story (> 48 ft.)

Bridge Projects

Bridge Load Posting
Pick One
None: Equal/above max legal load
0.1-9.9% below max legal load
10.0 - 19.9% below
20.0 - 29.9% below
30.0 - 39.9% below
> 39.9% below

Bridge Work
Pick One
Full replacement
Partial replacement
Rehabilitation
Repair
No work
N/A - culvert

Bridge yes/no
Pick One
Yes
No
Design Exception

Safety

Crash Types
Pick One
Pedestrian
Pedalcyclist
Train
Animal
Overturned
Fixed Object
Other Object
Other non-collision
Parked Motor Vehicle
Turning
Rear-end
Sideswipe-same direction
Sideswipe-opposite direction
Head-on
Angle

Direct Emissions (Vehicle Info)

Vehicle Type
School Bus
Emergency Vehicle
Passenger Locomotive
Transit Bus
On-Highway
Switch Engine
Refuse Hauler
City/County Vehicle
Short Haul
Long Haul
Delivery Truck

Vehicle class
Class 2b (8,501-10,000 lbs)
Class 3 (10,001-14,000 lbs)
Class 4 (14,001-16,000 lbs)
Class 5 (16,001-19,500 lbs)
Class 6 (19,501-26,000 lbs)
Class 7 (26,001-33,000 lbs)
Class 8a (33,001-60,000 lbs)
Class 8b (60,001 and over)
School Bus
Transit Bus

Horsepower
0
1
3
6
11
16
25
40
50
75
175
300
600
750
1000
1200
2000
3000

Fuel Type
LPG
LNG
CNG
Biodiesel 100
Biodiesel 20
Biodiesel 10
Biodiesel 5
E85
Diesel, 3,400 ppm sulfur
Diesel, 500 ppm sulfur
Diesel, 15 ppm sulfur
Emulsion
Electricity

Technology type
Diesel Oxidation Catalyst
Diesel Oxidation Catalyst+ Closed Crankcase
Diesel Particulate Filter
Partial flow filter
Compressed Natural Gas Replacement
Lean NOx Catalyst/Diesel Particulate Filter
Recalibration
Selective Catalytic Reduction
Exhaust Gas Recirculation + Diesel Particulate Filter
Emissions Control Devices
Other
Engine Repower
Engine Replacement

Bridge Projects, Rail-Hwy Crossings, Road Project, Safety, Transit Projects, and Truck Routes

CS Elements
Pick One
None
One Side
Both Sides
Varies (enter description below)

All STP Projects

# of partners
Pick One
1
2
3 or more