



Capital Area Metropolitan Planning Organization

2045 Regional Transportation Plan

(there is no funding available for this call)

Project Submittal Instructions

And

Evaluation Criteria

Fall 2019

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Overview

The Capital Area Metropolitan Planning Organization (CAMPO) is responsible for the development and maintenance of the long-range regional transportation plan (RTP) for the six-county region. The RTP, with a forecast year of at least 20-years, is reviewed and updated every five years to ensure the plan's validity and consistency with current and forecasted transportation and land use conditions and trends.

CAMPO is currently developing the next five-year update of the 2045 Regional Transportation Plan (RTP). In addition to providing goals, policies and performance measures to guide the development of transportation in the region, the RTP includes a fiscally constrained project list of regionally significant activities that will be developed and implemented over the next 20 years. In order to create the project list, CAMPO has developed a submission process through which sponsors can submit their regionally significant projects for inclusion in the RTP. Any projects in the Transportation Improvement Program (TIP) window, i.e. the first four years of the RTP, should have dedicated funding.

In the CAMPO region, the Metropolitan Transportation Plan (MTP) as it is described in the Code of Federal Regulations (CFR) is referred to as the Regional Transportation Plan (RTP).

Schedule

Date	Action item
October 16, 2019	TAC Workshop on Project Selection Criteria
October 21, 2019	TAC Concurrence on criteria
November 2019	Local Government webinar regarding RTP project call
November 1, 2019 - December 4, 2019	RTP Call for Projects Application Intake
November 2019	1 st round of public outreach (existing conditions)
December 16, 2019	TAC informational item regarding RTP project applications received
December 2019 – January 2020	Constrained Plan and Compiled RTP Report Completion (draft plan)
January 13, 2020	TPB Presentation on Project List
January 27, 2020	TAC information presentation on draft plan of constrained project list
February 10, 2020	TPB informational item regarding constrained project list
February - March 2020	2 nd Round Public Outreach – Constrained Plan – Comment Period
March 9, 2020	Informational item for TPB
March 23, 2020	TAC recommendation
April 6, 2020	TPB Action

Application and Submittal Process

The project listing in the Regional Transportation Plan (RTP) outlines the implementation of the vision and goals of the Transportation Policy Board (TPB) and guides and facilitates the expenditure of federal and state transportation funds.

The listing is comprised of regionally significant projects that are sponsored by federal, state and local transportation agencies and governments. These sponsors may submit projects during the submission period for consideration using the 2045 RTP Application spreadsheet and this guide located [this link](#). The webpage is password word protected (password: **2045RTP!**). Applicants are required to include a GIS map package with shapefiles as part of their submittals, as many of the criteria can be answered via GIS analysis. CAMPO has a GIS map package (.mpk) available on the agency website for use by local governments with relevant geospatial data needed for the application. Please let the CAMPO team know if you have any issues producing a map package and associated shapefiles. CAMPO will review the submittals and will coordinate as needed with sponsors. Additional instructions are provided in the application spreadsheet.

All projects submitted with anticipated year of project implementation or construction from 2025 to 2045 should be included in the RTP. Unfunded projects that are expected to be funded in the near future (before 2025) should be rolled into year 2025 of the RTP. When the project is funded, it can then be included in the TIP through the amendment process.

All submittals should be uploaded to CAMPO's FTP site. Project sponsors are required to contact Jay Keaveny, Regional Planner at jay.keaveny@campotexas.org to receive a link to a folder on the FTP site where they may upload their submittal application, back-up documentation and GIS data.

Please send any questions about the process to Kelly Porter, Regional Planning Manager at kelly.porter@campotexas.org.

Application Workbook

The 2045 RTP project application is how project sponsors will submit projects to be considered for the fiscally constrained project listing. The application spreadsheet (Excel-based) is divided by project type: Roadway, Transit, Intelligent Transportation System (ITS), Active Transportation, Transportation Demand Management (TDM) and Other. Sponsors should select the appropriate project tab and fill out the required fields detailed below. Please note that any projects being submitted in the TIP window (before 2025) must have proof of dedicated funding. Any projects submitted with a let year before 2025, or as illustrative or 100% locally-funded only need to fill out the project information spreadsheet.

Application Workbook Information

Instructions	This tab contains detailed instructions on how to use to Application Workbook and how to submit projects for consideration.
Definitions and Resources	To be able to answer questions, CAMPO has included a list of definitions and resources to be able to complete the application. Near the bottom, this tab features tables that explain how to best access information to support the answers that sponsors provide for their projects. Please refer to these tables while filling out the project scoring tabs.
Project Information	This tab asks for basic information of the project sponsor, such as address, contact information, and organization type. Please list each project here and the project score will be automatically populated from the criteria tabs when sponsors self-score projects.
Roadway Scoring	For all Roadway Projects, please use this tab to complete each scoring criteria questions.
Transit Scoring	For all Transit Projects, please use this tab to complete each scoring criteria questions.
ITS Scoring	For all ITS/Operational Projects, please use this tab to complete each scoring criteria questions.
Active Scoring	For all Active Transportation Projects, please use this tab to complete each scoring criteria questions.
TDM Scoring	For all TDM Projects, please use this tab to complete each scoring criteria questions.
Other Scoring	For all Other Projects, please use this tab to complete each scoring criteria questions.

Instructions

1. Complete all columns for each project within the Project Information worksheet. Sponsors can use the Project Information Definitions as a guide. Many cells in the top row have upper right corners highlighted in purple to signify additional information.
2. Number the Projects in ascending order and ensure they correspond to those listed in the Project Type tabs (Roadway, Transit, ITS, Active, TDM, or Other) as you work your way through the application.
3. Optional: Complete the Long Description, if needed (maximum of 100 words). This allows a submitter to provide additional project details.
4. Use the drop-down function to answer the yes/no performance measures and questions.
5. The Narrative Answer column will be used to further explain how a sponsor addressed the performance measure.
6. Use the drop-down function to answer the Data Type (Shapefile, Narrative, or Both) that best addresses the performance measure. Both are encouraged to provide clarity of the project.
7. Input where the sponsor obtained their data (CAMPO, Local Plan, State Plan, or Other). The relevant pages should be included in backup material sent in with the application and should denote (through highlights or other) where to find relevant graphics and text.
8. If the sponsor is using a data source other than one provided by CAMPO, explain where data was obtained to answer the Performance Measure. The relevant pages should be included in backup material sent in with the application and should denote (through highlights or other) where to find relevant graphics and text.
9. Objectively self-score how the project addresses each performance measure (total available points are in parentheses).
10. The Project Self-Score Total column will auto-populate based on all the performance measure scores.
11. Ensure projects are on the appropriate tab (Roadway, Transit, ITS, Active Transportation, TDM, Other).

Project Information

Column	Title	Information
A	Project Number	This is the number assigned to each project within this worksheet. Use this number throughout when scoring projects.
B-H	Sponsor Information	Primary sponsor of the project. <i>(Sometimes referred to as submitter)</i>
I-P	Sponsor Project Manager Information	Contact information for day-to-day manager of project. If project manager information is the same as sponsor information only include the name, position, and email under this section (columns I-P). Please make sure the contact information is the most direct way of reaching the manager, such as a direct telephone number.
Q-AD	Co-Sponsor Information	Secondary sponsor of the project as applicable. Ensure that any needed documentation demonstrating concurrence is included in column AY and in backup documentation.
AE	Project Type	Roadway, Transit, ITS, Active, TDM, or Other
AF	Is this a Grouped Project?	See Appendix D for Group Project Information
AG	If Grouped Project, what category?	See Appendix D
AH	County(s)	County where the project is located. If the project is in multiple counties than please list all the counties in the next column
AI	If Multiple counties, please list	Only use if in multiple counties
AJ	Roadway/Facility Name	Name of roadway or facility where the project will occur

AK	Limits (From)	Indicates the physical location of the start of the project
AL	Limits (To)	Indicates the physical location of the end of the project
AM	Limits (At)	Indicates point of project (intersection, interchange or other point specific projects only)
AN	Description (Short)	The description of the project should include a brief one to two sentence description that includes the current facility and anticipated facility upon completion of the project. Examples: <i>Upgrade current two-lane undivided facility to a four-lane divided facility with bike lanes</i> or <i>New location two-lane facility with shoulders.</i>
AO	Estimated Project Cost (year of expenditure)	Estimated cost should be given at the anticipated year of expenditure. It can include any high-level estimate of construction, principal engineering, and other costs, as well as ROW and utility costs if available. A 4% per year rate of inflation should be used to calculate costs at the year of expenditure.
AP	Funding Source(s)	Anticipated funding source if readily identifiable. Reference to back up material can be provided along with items in cell AW. Local funding includes all funding that comes from inside the region such as from cities, counties, CTRMA tolls, transit, etc. <i>If source is private, please show as local.</i>
AQ	Explain Combination of Sources	Explain any combination of anticipated funding sources, local, state, or federal etc.
AR	Let Year	Anticipated year of project implementation or construction (from 2025 to 2045). **Note: Unfunded projects that are

		expected to be funded in the near future (before 2025) should be rolled into year 2025 of the RTP. When the project is funded, it can then be included in the TIP through the amendment process.
AS	Existing Facility (Yes, No, or Both)	Indicate if project is on an existing facility.
AT	Current Functional Classification	Current functional classification of the facility as defined by FHWA if applicable
AU	Anticipated Function Classification	Anticipated functional classification of the facility. <i>The 2045 Regional Arterials Study can be a guide as to the anticipated functional class. Regional Corridors not shown as Limited Access, Regional Connectors, or Principal Arterials in the Regional Arterials Study are assumed to be a future Minor Arterial. For other connections, not in the arterials study, please use FHWA methodology for determining what the anticipated functional class may be. See Regional Significance definition found in next section for additional details.</i>
AV	TxDOT On-System	Identify if project is on the TxDOT system (project submittals with on-system projects must have written state concurrence via a letter from or submitted by TXDOT correspondence).
AW	Illustrative Project (only fill out the project information tab)	If the project is considered illustrative, sponsors will include the project here and will not need to score the project.
AX	100% Locally Funded (only fill out the project information tab)	If the project is regionally significant and will be 100% locally funded, sponsors will identify the project here and will not need to score the project or answer the associated planning factors spreadsheet.

		If the project needs federal funding in the future, the project will then need to be resubmitted at that time.
AY	Back-up Documentation of Planning Process and Public Outreach	Please list all relevant back-up documentation, which could include pages from local plans to support performance measure scoring, minutes showing plan adoption, or any additional public outreach documentation or materials for the project. These documents will be uploaded with the application and used to validate or show projects submitted meet the various performance measures. It is okay to include multiples of documentation from other projects if projects overlap. Maps and text can be highlighted to show relevant project information if not clear.
AZ	Sponsor Self-Score Total (100 Points Possible) <i>This cell is locked as it auto-populates.</i>	This is an automated score from the project's worksheet and will auto-populate based on the total of all the Sponsor's Self-Scores.
BA	MPO Score Total (100 Points Possible) <i>This cell is locked as it auto-populates.</i>	This is an automated score from the project's worksheet and will auto-populate based on the total of all MPO Scores.

Regionally Significant Projects

Regionally significant project means a transportation project (other than an exempt project) on a facility that serves regional transportation needs (such as access to and from the area outside the region; major activity centers in the region; major planned developments such as new retail malls, sports complexes, or employment centers; or transportation terminals) and would normally be included in the modeling of the metropolitan area's transportation network. At a minimum, this includes all minor and principal arterial highways and regional high-capacity transit services.

Roadway Regional Significance definition:

- Roadways and intermodal connectors included in the federally adopted National Highway System (NHS)
- Roadways identified as minor arterials or higher in the Federal Regional Functional Classification System or are expected to be re-classified as an arterial or higher when open for public use.
- Grade-separated interchange projects on regionally significant roadways
- Frontage and backage roads (up to ¼ mile from the corridor)
- Roadways that serve as a connection to/or between existing or planned regional activity centers and corridors. See Appendix C for further discussion on activity centers.

Simplified Classification	Typical Spacing	FHWA Classification Table	
Limited Access	5 – 10 miles	Interstate	Interstates are the highest level of roadway and designed for long-distance travel offering limited access.
		Freeway	These roads have directional travel lanes and are separated by some type of physical barriers. Access is purely controlled by interchanges and on-and off-ramps to maximize their mobility function.
		Toll Road	Roadways (either public or private) where passengers pay a usage fee to use the roadway.
Principal/Major/Regional Connector	3 – 5 miles	Expressway	Roadways with directional travel lanes that are typically separated with controlled access to maximize mobility.
		Principal Arterials	Roads serve major centers and provide a high level of mobility but abutting land uses can be served directly.
Minor Arterials	1 – 3 miles	Minor Arterials	Provide service for trips of moderate length and offer connectivity to the higher arterial system.

For a detailed guide on how FHWA determines functional class, please reference the following report:

https://www.fhwa.dot.gov/planning/processes/statewide/related/highway_functional_classifications/fcauab.pdf

Transit Regionally Significance definition:

- Rail Transit
- Commuter Routes
- Bus Rapid Transit
- Other limited or skip stop routes
- Park and Rides
- Vanpool Programs

Active Transportation Regionally Significance definition:

- Connections illustrated in the Tier I, Tier II, or Vision Network of the 2045 Regional Active Transportation Plan
- Projects that connect or serve regional activity centers and corridors

- Long-distance corridors that connect multiple communities and jurisdictions
- Safe Routes to School
- Safety and operations projects
- Other projects that allow active transportation connectivity to other regional modes

Please note: Transportation Demand Management (TDM) and Intelligent Transportation System (ITS) and Operations Projects will be considered on a case by case basis. See Group Project Guidance in Appendix D.

Roadway Project Selection

Project Number – Please number your projects in ascending order (1, 2, 3, 4, etc.)

Optional: Long Description, if needed (maximum of 100 words). This allows a submitter to provide additional details.

Goal Area	Objective	Value	Performance Measure
Safety	C. G. J.	10	The project connects to an existing evacuation route or forms a new hurricane or wildfire evacuation route.
	A. B.	10	The project addresses safety issues. Documentation for this measure can include crash rates and the inclusion of features addressing safety, such as lighting, rumble strips, or others.
	A. B. H. P.	10	The project includes access management features such as raised median, turning movement improvements, driveway consolidations, and other operational/safety features.
Mobility	C. E.	10	The project fills in a gap by creating a new consistent or improved facility.
	C. E.	5	The project provides parallel capacity on corridors with higher than average V/C ratios (those with a 0.45 V/C ratio or higher) to supplement existing arterials and limited access roadways.
	C. E.	10	The project crosses a physical barrier and enhances network connectivity. One (1) point will be awarded for each barrier traversed, types of barriers include (up to 10 points): <ul style="list-style-type: none"> - Railroads (including grade separations) - Limited Access Roads - Major Waterways (e.g. direct branch of the Brazos, Colorado, or Guadalupe Rivers)
	C. E. M.	5	The project connects to one or more roadways of a high functional class (principal arterial or limited access).
	B. E. J. N. P. I.	10	The project improves person throughput by including transit elements or service routes and/or identifying needs as part of the 2045 Regional Active Transportation Plan, CapMetro Project Connect, or another local or regional transportation plan.

Stewardship	K. P.	5	The project has incorporated measures that reduce, minimize or avoid negative impacts to the environment or cultural resources. See Appendix A for full list of environmental factors and cultural resources.
Economy	M.	5	The project is located along a major freight or hazardous materials route.
	L.	5	The project supports local, regional or state development plans and strategies.
	L. M.	5	The project connects to or serves a regional activity center(s) or corridors. See Appendix C for additional detail.
Equity	N. O.	5	The project serves vulnerable populations including low-income, minority, seniors, persons with disabilities, zero-car households, and limited English proficiency households. See Appendix A.
Innovation	Q. R.	5	The project is adaptable to operational improvements (including TDM strategies), and new technologies such as connected/autonomous vehicles.
Total Points		100	

Transit Project Selection Criteria

Project Number – Please number your projects in ascending order (1, 2, 3, 4, etc.)

Optional: Long Description, if needed (maximum of 100 words). This allows a submitter to provide additional details.

Criteria	Objectives	Value	Performance Measure
Safety	E. A. O.	20	The project enhances transit vehicle safety, safe transit stops and connections, and accessible facilities.
Mobility	F.	10	The project has undergone a comprehensive planning process or is identified as a priority in a local or regional transportation plan
	E. D. J. M. N. O. R.	10	The project provides connections to other transit services and/or modes of transportation.
	C. D. E. M. N. O. P.	15	The project fills a service gap, expands coverage or increases frequency of a route.
	D. E. H. J. M. N. O. P. R.	5	The project has documentation showing ridership potential, this can be a planning level estimate.
Stewardship	D. E. H. I.	10	The project addresses maintenance needs to maintain state of good repair.
Economy	E. N. O. P.	5	The project integrates existing or planned transit-supportive land use and infrastructure.
	L.	5	The project supports local, regional or state economic development plans and strategies.
Equity	N. O. P.	15	The project serves vulnerable populations including low-income, minority, seniors, persons with disabilities, zero-car households, and limited English proficiency households. See Appendix A.
Innovation	E. Q. R.	5	The project demonstrates innovative design, technology, or service.
Total Points		100	

ITS/Operations Project Selection

Project Number – Please number your projects in ascending order (1, 2, 3, 4, etc.)

Optional: Long Description, if needed (maximum of 100 words). This allows a submitter to provide additional details.

Criteria	Objectives	Value	Performance Measure
Safety	D. H. M.	15	The project contributes to improvements in incident management.
	D. E. H. L. M. Q. R.	15	The project can be used for management of special events or emergencies.
Mobility	F.	10	The project is a part of an overall concept identified through a comprehensive local or regional transportation planning process
	C. E. M.	10	The project will provide system and network redundancy to ensure continuity in operations.
Stewardship	D. I. M. Q.	5	The project lifecycle is greater than five years.
	D. I. Q.	5	The project has a formal maintenance program in place.
Economy	D. M.	5	The project will help reduce delays and travel time in the network.
Equity	O.	15	The project serves vulnerable populations including low-income, minority, seniors, persons with disabilities, zero-car households, and limited English proficiency households. See Appendix A.
Innovation	D. H. Q. M.	5	The project will improve or expand the regional transportation ITS network
	D. H. Q. R. M.	5	The project will utilize technology compatible with other relevant systems
	D. H. Q. M	5	The project will tie into a centralized operations center.
	D. H. Q. M.	5	The project will collect and provide publicly accessible data.
Total Points		100	

Active Transportation

Project Number – Please number your projects in ascending order (1, 2, 3, 4, etc.)

Optional: Long Description, if needed (maximum of 100 words). This allows a submitter to provide additional details.

Criteria	Objective	Value	Performance Measure
Safety	A. B.	25	The project will enhance pedestrian and bicyclist safety.
Mobility	F.	10	The project has undergone a comprehensive planning process or is identified as a priority in a local or regional transportation plan, such as the 2045 Regional Active Transportation Plan
	A. B. C. D.	5	Project removes a barrier or provides a connection that did not exist previously.
	A. B. C. E. J. M. N. O. P.	10	Project connects to existing facilities such as schools, community facilities, residential, activity centers, etc.
	A. B. C. J. M. N. O. P.	15	The project directly links to a transit connection or is within: <i>15 points</i> , if .25 miles or less or <i>10 points</i> , if .26 to .5 miles or <i>5 points</i> , if the project demonstrates a potential for future connection to a transit system.
Stewardship	A. B. J.	15	The project improves public health through the provision of active transportation facilities that are safe and accessible.
	K. O.	5	The project has incorporated measures that reduce, minimize or avoid negative impacts to the environment or cultural resources. See Appendix A.
Equity	N. O. P.	10	The project serves vulnerable populations including low-income, minority, seniors, persons with disabilities, zero-car households, and limited English proficiency households. See Appendix A.
Innovation	A. B. C. D. E. H. I. J. M. N. O. P. R.	5	The project is innovative in design to address safety or other unique elements such as designing around transit, innovative intersection designs, or a pilot project.
Total Points		100	

Transportation Demand Management

Project Number – Please number your projects in ascending order (1, 2, 3, 4, etc.)

Optional: Long Description, if needed (maximum of 100 words). This allows a submitter to provide additional details.

Criteria	Objectives	Value	Performance Measure
Mobility	F.	15	The project has undergone a comprehensive planning process or is identified as a priority in a local or regional transportation plan.
	G. P.	10	The planning process or document identifies an outreach component addressing commuting patterns and traveler engagement.
	A. D. E. G. L. M. N.	10	The project has a regional scope, impacts regional congested roadways, or impacts activity centers.
	A. D. E. K. M. N.	15	The project reduces vehicle miles traveled, single-occupant vehicle travel, or congested peak period travel.
	A. B. C. D. E. M.	15	The project or activity reduces vehicle trips or manages demand through strategies such as carpools, vanpools, managed lanes, corridor improvements, ITS installation, signal optimization or park and rides.
	G.	10	The project and/or activity includes the direct participation of other federal, state, or local jurisdictions.
	G. L. M.	10	The project and/or activity includes participation from regional employers and other trip generators impacting travel patterns.
Equity	M. N. O. P.	15	The project has a positive impact (e.g. reduction in transportation costs and emissions, improvements on public health) on underserved populations including low-income, minority, seniors, persons with disabilities, zero-car households, and limited English proficiency households.
Total Points		100	

Other Projects

Criteria	Performance Measure
Sponsor Selected	The project sponsor demonstrates how the selected criteria apply to the project and provide supporting documentation.

Appendix A: Additional Planning Factor Information

Roadway Projects

Safety – Describe how the project would be expected to improve safety. Include information on multimodal safety and proven safety countermeasures like access management and operational improvements that will be included in the project. Furthermore, include materials showing how the project connects to hurricane or wildfire evacuation routes.

Mobility – Provide detail on the current and forecast levels of congestion in the corridor and how this project will improve or manage congestion by filling gaps, crossing barriers, and connecting multiple functional classifications of roadways. Projects should be identified in locally or regionally adopted plans and should note if the project is designated on the National Highway System. Include documentation of the multijurisdictional nature of the project, the proposed design section, and its context in the corridor and region in addressing bottlenecks, gaps, or redundancy. If the roadway corridor serves existing or proposed transit or active transportation routes, include information on the route(s) from the transit provider or managing jurisdiction.

Stewardship – Describe how the project will incorporate context sensitive measures that reduce, minimize, or avoid negative impacts to the environment or cultural resources. Environmental factors include soil plasticity, aquifers, flood plains, protected lands, and urban-wildfire interface. Cultural resources include parks (state and local), cemeteries, schools, hospitals/health care offices, historic buildings, museums, and civic centers. Moreover, provide information about how the project strategically prioritizes fiscally constrained investments to maximize the regional benefit and provide documentation that identifies committed funding for the project.

Economy – Describe how the project relates to economic development plans. Include information on new developments, redevelopments, key industries, or commercial and freight interests that the roadway would be expected to serve.

Equity – Refer to CAMPO's map of Vulnerable populations which includes Environmental Justice, school-aged children, seniors, persons with disabilities, zero-car households, and limited-English proficiency populations; note if the project is in or connects to one of these zones. Provide information from the corridor's study that details how the project will minimize environmental impacts or improve current conditions.

Innovation – Describe how the project leverages innovative technologies, designs, or operations to improve transportation efficiency and safety. Include information about how the project can facilitate and incorporate future technological developments such as platooning of vehicles and connected/autonomous vehicles.

ITS/Operations Projects

Safety – Describe how the project would be expected to improve safety. Include information on how the project will be used for the management of incidents, special events, and emergencies.

Mobility – Projects should be identified in locally or regionally adopted plans, including city or county thoroughfare plans, Regional ITS Architecture plans, and city, county or state ITS master or implementation plans. Provide information on how the project will provide system redundancy and identify conformity to the Regional ITS Architecture. Provide data on current operational deficiencies, including delays and crashes and describe how the project will address these.

Stewardship – Identify the expected lifecycle of the project including the technology and equipment proposed. Provide information that supports the expected lifecycle and identify when updates, if required, may be needed. Identify if a formal ITS maintenance plan exists and provide a brief explanation of the plan and how the project will be included and whether current maintenance funds can support the project or new funds will be required. Moreover, provide information about how the project strategically prioritizes fiscally constrained investments to maximize the regional benefit and provide documentation that identifies committed funding for the project.

Economy – Describe how the project relates to economic development plans. Include information on how the project can serve new developments, redevelopments, key industries, or commercial and freight interests in the region.

Equity – Demonstrate how the project will positively impact Vulnerable populations which includes Environmental Justice, school-aged children, seniors, persons with disabilities, zero-car households, and limited-English proficiency populations; note if the project is in or connects to one of these zones.

Innovation – Describe how the project will adapt to and expand the regional transportation ITS network as defined in the Regional ITS Architecture Update (June 2015) or other ITS master plan document that references the regional architecture. Describe how the project will integrate with existing and proposed equipment and technology including field devices, communications, and traffic management center(s). Provide information on how data collected will provide benefit and how it will be shared with the public.

Transit Projects

Safety – Note specific safety enhancements that the project will include to reduce the potential for crashes and create a safer, more secure experience for customers. If specific safety deficiencies exist on the corridor today, provide documentation to describe how they will be addressed.

Mobility – Describe how the project has undergone a comprehensive planning process or is identified in a local or regional transportation plan. Provide information on how the project has been coordinated with agencies maintaining roadways and how it provides connections to other transit services or modes of transportation. Projects should improve gaps in service, expand coverage, or increase frequency of a route to improve the overall operation of transit.

Stewardship – Provide documentation of anticipated ridership and potential growth due to the project. Include references to studies or analyses used to determine ridership figures and a description of the method or model used to forecast ridership. Refer to the life expectancy thresholds and state of good repair guidelines established by the Federal Transit Administration. Document how the project is expected to meet or exceed all relevant guidelines and make the most efficient use of the existing transit system through robust maintenance procedures.

Economy – Describe how the project relates to economic development plans. Include information on how the project provides new access to employment and integrates existing or planned transit-supportive lane use and infrastructure.

Equity – Refer to CAMPO's map of Vulnerable populations which includes Environmental Justice, school-aged children, seniors, persons with disabilities, zero-car households, and limited-English proficiency populations; note if the project is in or connects to one of these zones. Provide information from that details how the project will minimize environmental impacts or improve current conditions.

Innovation – If the project provides a new kind of service through technological advances, new types of vehicles or modes of travel, expansion of transit through pioneering partnerships, or other means, describe this innovation, any supporting studies or analyses, and the expected results.

Active Transportation Projects

Safety – Describe how the project would be expected to improve active transportation safety. Include information on how the project will provide additional separation from travel lanes, illumination, all-weather surface treatment, and other best practice infrastructure design.

Mobility – Describe how the project has undergone a comprehensive planning process or is identified in a local or regional transportation plan, or CAMPO documents such as the 2017 Regional Active Transportation Plan (RATP) or 2040 Regional Transportation Plan (RTP). Provide information about how the project removes a barrier or provides connections to transit routes and/or existing facilities such as schools, community facilities, residential, residential, activity centers, etc.

Stewardship – Provide information demonstrating how the project improves public health through the provision of active transportation facilities that are safe and accessible. Moreover, describe how the project has incorporated measures that reduce, minimize, or avoid negative impacts to the environment or cultural resources.

Equity – Demonstrate how the project will minimize environmental impacts or improve current conditions for Vulnerable populations which includes Environmental Justice, school-aged children, seniors, persons with disabilities, zero-car households, and limited-English proficiency populations; note if the project is in or connects to one of these zones.

Innovation – Describe how the project is innovative in design to address safety or other unique elements such as designing around transit, innovative intersection designs, or a pilot project.

Transportation Demand Management

Safety – Describe how the project would be expected to address and improve safety.

Mobility – Describe how the project has undergone a comprehensive planning process and utilized a formal outreach component to address commuting patterns and traveler engagement. Provide information on how this project will encourage alternative forms of transportation while reducing vehicle miles traveled and single-occupant vehicle travel. Also detail how it will improve or manage congestion by filling gaps in service and providing new service. Include documentation of the multijurisdictional nature of the project and the ways in which the project utilizes the existing roadway network, bicycle network, and transit network.

Stewardship – Provide information about how the project strategically prioritizes fiscally constrained investments to maximize the regional benefit and provide documentation that identifies committed funding for the project. Also describe how the project has incorporated measures that reduce, minimize, or avoid negative impacts to the environment or cultural resources.

Equity – Demonstrate how the project will minimize environmental impacts or improve current conditions for Vulnerable populations which includes Environmental Justice, school-aged children, seniors, persons with disabilities, zero-car households, and limited-English proficiency populations; note if the project is in or connects to one of these zones.

Other Projects

Projects that do not readily fit the five traditional project categories will be provided opportunity to apply, however these projects will not be scored traditionally. The sponsor must detail how the project will benefit the region, how it meets applicable criteria, and provide supporting documentation for all criteria selected. These projects will be presented separately alongside the scored projects during the evaluation and awarding process.

Below is a sample criterion that is mixed and matched from criteria in the five categories above. This example demonstrates how a sponsor can use the criteria that best fits the project.

Example Criteria

Criteria*	Objectives	Performance Measure**
Safety	A. B.	The project addresses transportation safety.
Mobility	D. E. H. L.	The project includes enhancements that improve mobility and congestion.
	G.	The project is multijurisdictional.
	F.	The project has undergone a comprehensive planning process or is identified as a priority in a local or regional transportation plan.
	E. G.	The project includes multimodal elements.
Stewardship	K. P.	The project has incorporated measures that reduce, minimize or avoid negative impacts to the environment or cultural resources.
Economy	L.	The project supports local, regional or state economic development plans and strategies.
Equity	N. O. P.	The project serves traditionally underserved populations including low-income, minority, seniors, persons with disabilities, zero-car households, and limited English proficiency households.
Innovation	E. Q. R.	The project demonstrates innovative design, technology or service.
Total Points		

*Criteria is selected by the project sponsor as appropriate for the project.

**There are no specific performance measures for the other category. The sponsor must demonstrate how the criteria applies to the project and provide supporting documentation.

Appendix B: 2045 Regional Transportation Plan Goals and Objectives

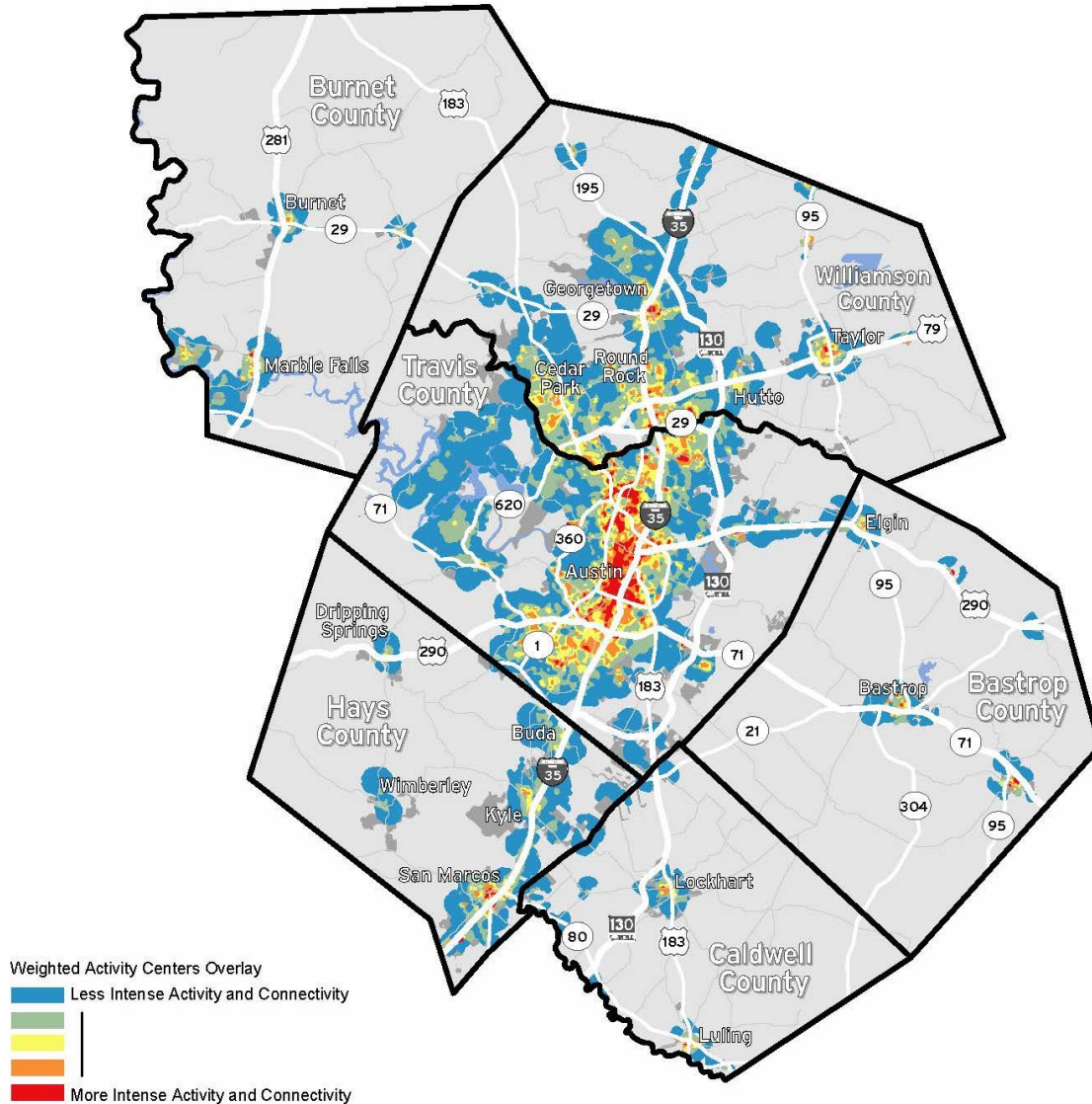
2045 Regional Transportation Plan Goals and Objectives	
Goals	Objectives
Safety	A. Crash Reduction – Reduce severity and number of crashes for all modes.
	B. Vision Zero - Support local government and transit agencies reaching vision zero metrics.
Mobility	C. Connectivity - Reduce network gaps to add connectivity, eliminate bottlenecks, and enhance seamless use across all modes.
	D. Reliability - Improve the reliability of the transportation network through improved incident management, intelligent transportation systems (ITS), transportation demand management (TDM).
	E. Travel Choices - Offer time-competitive, accessible and integrated transportation options across the region.
	F. Implementation – Plan and deliver networks for all transportation modes, with reduced project delivery delays.
	G. Regional Coordination - Continue interagency collaboration between transportation planning, implementation, and development entities.
Stewardship	H. System Preservation – Use operations, ITS, and optimization techniques to expand the useful lifecycle of the multimodal system elements.
	I. Fiscal Constraint - Strategically prioritize fiscally constrained investments to maximize benefits to the region.
	J. Public Health - Improve public health outcomes through air and water quality protection and active mobility.
Economy	K. Natural Environment - Develop transportation designs that avoid, minimizes and mitigates negative impacts to water and air quality, as well as habitat.
	L. Economic Development – Enhance economic development potential by increasing opportunities to live, work, and play in proximity.
Equity	M. Value of Time - Enable mode choice and system management to keep people and goods moving and reduce lost hours of productivity.
	N. Access to Opportunity - Develop a multimodal transportation system that allows all, including vulnerable populations, to access employment, education and services.
	O. Impact on Human Environment – Promote transportation investments that have positive impacts and avoid, minimize, and mitigate negative impacts to vulnerable populations.
Innovation	P. Valuing Communities – Align system functionality with evolving character and design that is respectful to the community and environment for current and future generations.
	Q. Technology - Leverage technological advances to increase efficiency of travel across all modes and for users of the network.
	R. Flexibility – Develop a system that is adaptable and flexible to changing needs and conditions.

Most of the above draft 2045 RTP goals and objectives were based on previously adopted or in-draft CAMPO regional plans as seen in the list to the right. Any newly developed draft objectives not found in an existing CAMPO study are highlighted in gray.

Source:
RATP - Regional Active Transportation Plan
RIMP - Regional Incident Management Plan
RAS - Regional Arterial Study
TDMP - Regional TDM Plan
New

Appendix C: Major Regional Activity Centers

This map can be used to define activity centers and corridors. This map takes an index of three factors which include employment, population, and street grid connectivity. Centers may range from less intensively developed places such as a rural community like Wimberley to large activity centers like Downtown Austin with a high intensity of uses. We recognize that by 2045 there may be other planned regional activity centers that are in the planning phase now but may be fully developed at that time. If an entity has a future center(s) identified through a planning process, please provide information through backup documentation from the referenced plan or policy.



Appendix D: Grouped Projects

The Texas Department of Transportation, in consultation with the Federal Highway Administration, developed 11 grouped project categories for use in the Transportation Improvement Program (TIP) and the Statewide Transportation Improvement Plan (STIP). As the TIP and the Regional Transportation Plan are coordinated, the Capital Area Metropolitan Planning Organization (CAMPO) is including these grouped project categories in the 2045 Regional Transportation Plan (RTP). Chapter 23 part 450.216 of the Code of Federal Regulations defines the general grouping of projects as:

Projects that are not considered to be of appropriate scale for individual identification in a given program year may be grouped by function, work type and/or geographic area using the applicable classifications under 23 CFR 771.117(c) and (d) and/or 40 CFR part 93. In nonattainment and maintenance areas, project classifications must be consistent with the “exempt project” classifications contained in the EPA transportation conformity regulation (40 CFR part 93). In addition, projects proposed for funding under title 23 U.S.C. Chapter 2 that are not regionally significant may be grouped in one line item or identified individually in the TIP.

In the development of the RTP, CAMPO uses project grouping categories to allow the plan to more appropriately focus on the most regionally significant projects. It also allows for a more streamlined process for projects undergoing development as it considerably reduces delays and allows for a more efficient method of scheduling and letting projects.

The Transportation Policy Board (TPB) has authorized the use of all 11 available grouped categories for use. CAMPO reviews each project submitted for inclusion in the RTP to determine project eligibility for grouping. Regardless of eligibility, selection for inclusion in the grouped listing is at the discretion of the TPB. Applicants are required to list individual projects as part of any grouping and include those projects under a “master grouped project” listing as shown on page 32. The master listing will be what is scored; the individual sub-projects that make up the master grouped project will provide CAMPO enough detail to determine the eligibility of the grouping.

Additional Notes

- Appendix D is for informational purposes only and is subject to change.
- Projects funded with Transportation Alternatives Set-Aside (TASA) and Transportation Enhancement (TE) funding require a Federal eligibility determination and are not approved to be grouped.
- Projects funded as part of the Recreational Trails Program consistent with the revised grouped project category definitions may be grouped. Recreational Trail Program projects that are not consistent with the revised grouped project category definitions must be individually noted in the 2045 Regional Transportation Plan.

Grouped Project Categories

CSJ	Group	Definition
5000-00-950	PE-Preliminary Engineering	Preliminary Engineering for any project except added capacity projects in a nonattainment area. Includes activities which do not involve or lead directly to construction, such as planning and research activities; grants for training; engineering to define the elements of a proposed action or alternatives so that social, economic, and environmental effects can be assessed.
5000-00-951	Right of Way Acquisition	Right of Way acquisition for any project except added capacity projects in a nonattainment area. Includes relocation assistance, hardship acquisition and protective buying.
5000-00-952 5000-00-957 5000-00-958	Preventive Maintenance and Rehabilitation	Projects to include pavement repair to preserve existing pavement so that it may achieve its designed loading. Includes seal coats, overlays, resurfacing, restoration and rehabilitation done with existing ROW. Also includes modernization of a highway by reconstruction, adding shoulders or adding auxiliary lanes (e.g., parking, weaving, turning, climbing, non-added capacity) or drainage improvements associated with rehabilitation.
5000-00-953	Bridge Replacement and Rehabilitation	Projects to replace and/or rehabilitate functionally obsolete or structurally deficient bridges.
5000-00-954	Railroad Grade Separations	Projects to construct or replace existing highway-railroad grade crossings and to rehabilitate and/or replace deficient railroad underpasses, resulting in no added capacity
5800-00-950	Safety	Projects to include the construction or replacement/rehabilitation of guard rails, median barriers, crash cushions, pavement markings, skid treatments, medians, lighting improvements, highway signs, curb ramps, railroad/highway crossing warning devices, fencing, intersection improvements (e.g., turn lanes), signalization projects and interchange modifications. Also includes projects funded via the Federal Hazard Elimination Program, Federal Railroad Signal Safety Program, or Access Managements projects, except those that result in added capacity.
5000-00-956	Landscaping	Project consisting of typical right-of-way landscape development, establishment and aesthetic improvements to include any associated erosion control and environmental mitigation activities.
5800-00-915	Intelligent Transportation System Deployment	Highway traffic operation improvement projects including the installation of ramp metering control devices, variable message signs, traffic monitoring equipment and projects in the Federal ITS/IVHS programs.
5000-00-916	Bicycle and Pedestrian	Construction or rehabilitation of bicycle and pedestrian lanes, paths and facilities.
5000-00-917	Safety Rest Areas and Truck Weigh Stations	Construction and improvement of rest areas, and truck weigh stations.
5000-00-918	Transit Improvements and Programs	Projects include the construction and improvement of small passenger shelters and information kiosks. Also includes the construction and improvement of rail storage/maintenance facilities bus transfer facilities where minor amounts of additional land are required and there is not a substantial increase in the number of users. Also includes transit operating assistance, acquisition of third-party transit services, and transit marketing, and mobility management/coordination.

See example below:

Individual Projects										
ID	Sponsor	Cosponsor	County	Facility Name	Project Type	Limits (From)	Limits (To)	Description	Let Year	YOE Cost (In Millions)
City2	City	City 2	County 1	Elm St	Bike/Ped	Avenue Z	Avenue F	Reconstruct sidewalk on one side	2030	\$0.80
City3	City	City 2	County 1	Cedar St	Bike/Ped	Main St	Avenue C	Add sidewalk on one side	2030	\$0.40
City4	City	City 2	County 1	Market St	Bike/Ped	Main St	Avenue C	Reconstruct sidewalk on one side	2030	\$0.40
City5	City	City 2	County 1	Locust St	Bike/Ped	A Street	B Street	Add sidewalk on one side	2030	\$0.20

Master Grouped Project (This is what will be scored)										
ID	Sponsor	Cosponsor	County	Facility Name	Project Type	Limits (From)	Limits (To)	Description	Let Year	YOE Cost (In Millions)
City1 Grouped	City	City 2	County 1	City Downtown Sidewalk System	Bike/Ped	200S-200N Blocks of Elm St, 100 Block of Cedar St, 100 Block of Market St, 100 Block of Locust St	-	Add and Reconstruct Sidewalks in Downtown City	2030	\$1.60