Tulsa Urbanized Area Surface Transportation Program Project Rating Form: FFY 2019

The following information must be completed for all proposed Urbanized Area STP projects. INCOG staff will use the reported information to assign points to proposed projects. The establishment of project eligibility and the project scores will then be used by the Technical Advisory Committee, Transportation Policy Committee, and the INCOG Board of Directors to program projects to be funded with Urbanized Area STP funds. Please attach the cost estimate from the appropriate licensed professional and a map/drawing of the proposed project.

Project Information

Project Name and Location: Florence Street Improvements from Olive Avenue to Aspen Avenue

Project Description (please include all information necessary for the extent of the project you would like to be rated in the criteria that follows): Right-of-way acquisition, utilities relocations, and widening of the existing Florence Street (111st Street South) from Olive Avenue (129th East Avenue) to Aspen Avenue (145th East Avenue) from 2 lanes to 3 lanes and 5 lanes. The east half mile is 5 lanes and the west half mile is 3 lanes both have continuous left turn lanes. Project to include an 5 foot sidewalk on the north side of the roadway.

Project Sponsor/Jurisdiction: City of Broken Arrow

Project Engineer: Douglas L. Tiffany, P.E.

Contact Person: Thomas D. Hendrix, P.E.
(Email address) thendrix@brokenarrowok.gov
(Address) 485 North Poplar Avenue, Broken Arrow, OK 74012
(Phone) (918) 259-2400 ext. 5414

Please attach detailed budget to include inflation adjusted costs and fill out the following summary table.

Project Costs (see attached)	STP Funds Requested	Other Funds
Construction Cost:	$ 1,950,000.00	$ 650,000.00
ODOT Engineering & Review Fee: (6.0% × Total Construction Cost)	$ 160,000.00	$ 40,000.00
Other Costs:		
Planning/Engineering	$ 0.00	$ 0.00
Right-of-Way	$ 660,000.00	$ 220,000.00
Utility Relocation	$ 50,000.00	$ 20,000.00
Grand Total:	$ 2,780,000.00	$ 930,000.00

☐ Check here if other transportation funding has been received or authorized for this project. Please note the source and amount of the funding.
Source_____ Amount_____

STP FUNDING FOR FLORENCE STREET, OLIVE TO ASPEN

FFY SUMMARY				
Project Costs	Total	STP	City	Remaining
Construction	4,237,000	3,180,000	1,060,000	
ODOT Engineering & Review Fee	250,000	190,000	60,000	
Other Costs				
Planning / Engineering	-	-	-	
Right-of-Way	882,000	660,000	220,000	
Utility Relocation	61,149	50,000	20,000	
TOTAL	5,430,149	4,070,000	1,360,000	

FFY2019				
Project Costs	Total	STP	City	Remaining
Construction	2,600,000	1,950,000	650,000	1,637,000
ODOT Engineering & Review Fee	160,000	120,000	40,000	90,000
Other Costs				
Planning / Engineering	-	-	-	-
Right-of-Way	882,000	660,000	220,000	-
Utility Relocation	61,149	50,000	20,000	-
TOTAL	3,703,149	2,780,000	930,000	1,727,000

FFY2020				
Project Costs	Total	STP	City	Remaining
Construction	1,637,000	1,230,000	410,000	-
ODOT Engineering & Review Fee	90,000	70,000	20,000	-
Other Costs				
Planning / Engineering	-	-	-	-
Right-of-Way	-	-	-	-
Utility Relocation	-	-	-	-
TOTAL	1,727,000	1,300,000	430,000	-

A. Travel Time Improvement - Maximum 16 points

Projects that seek to improve travel time can receive up to 16 points in this category. Improvements are usually in the form of capacity addition or intersection improvements.

1. What is the most recent average daily traffic count for the proposed project location? (For new alignments the projected volume and number of lanes from the most current computer model of the long range transportation plan will be used. For intersection improvements the approach with the highest traffic volume will be used to determine the V/C ratio.)

   Count: 6,390 Date: October 2015

   Current number of lanes: 2 Count per lane: 3,195

For corridor improvements, INCOG will determine if the proposed project provides relief for an existing/future congested corridor location, using volume to capacity (V/C) ratio where Level of Service C capacity is greater than 0.80.

____ V/C Ratio 1.20 or greater (8 points)
____ V/C Ratio 1.00 to 1.19 (6 points)
____ V/C Ratio 0.80 to 0.99 (2 points)
____ V/C Ratio less than 0.80 (0 points)

2. INCOG will calculate the STP dollar cost per daily traffic volume. The projects will be divided into quartiles and the first quartile will receive 4 points, the second quartile 3 points, the third quartile 2 points and the fourth quartile 1 point.

3. For intersection projects or corridor projects that include intersection improvements to reduce congestion add 4 points.

Please provide any additional comments on congestion improvements: This mile of Florence Street is experiencing growth with the addition of a new Elementary School (Aspen Creek) and an Early Childhood Center (Aspen Creek ECC) . The roadway improvements will allow better flow of traffic and reduce delays with the addition of turn lanes. The Tulsa County Technology Campus borders this project to the west, and recent campus expansions have also increased traffic in this area.

B. Safety Improvements - Maximum 20 points

If the project is designed to address significant safety issues, it can receive up to 20 points in this category. Please provide a description in the space provided next to each applicable criterion.

Evaluation Criteria	Points	Provide Description
Project includes transit, pedestrian, bicycle & wheelchair traffic safety. Ex: signalized crossings, high visibility markings, signage, crosswalk upgrades, sidewalk extensions, pedestrian ramps, lighting, barriers separating vehicle/person conflicts. (List each item that is a part of the design separately to receive 1 point each, up to 4 points total.)	**1** **1** **1** **1**	5 foot concrete sidewalk on the north side of the roadway allowing pedestrian access to the three schools. This location is listed in the GO plan as a priority for completing pedestrian sidewalk gaps. High visibility markings and signage. Cross walk upgrades. Pedestrian ramps that are ADA accessible.
Projects to improve roadway safety and/or address Traffic Incident Management. Ex: pavement markings, lighting, signage, barriers or increase skid resistance, responder safety, equipment, communication systems, design features such as incident detection/synchronized signals (List each item that is a part of the design separately to receive 1 point each, up to 4 points total.)	**1** **1** **1** **1**	Roadway pavement markings and signage. Increased skid resistance. Addition of center left turn lane. Improved roadway cross slope. Addition of curb & gutters. The new roadway will include an improved cross slope to allow for better drainage of the roadway. The increase skid resistance by using performance graded superpave asphalts. New roadway also includes the addition of a center turn lane (two way left turn lane) for improved safety.
Project increases safety through rail crossing improvements.	**0**	No rail crossing in this area.
TOTAL	**8**	

Comments: With the newly built schools located in this mile the addition of the two way left turn lanes will increase roadway safety during the peak traffic times of before and after school. With the addition of an improved stormwater system, roadway safety will be increase during rain events. The addition of a sidewalk along the north side of this project will improve pedestrian safety for potential walking students and others.

Using Department of Public Safety data from the past three years, INCOG will calculate the most recent average annual accident count at the proposed project location:

Number of Accidents: _____ Date: _____
Accident Severity Index: _____
Points Awarded: _____

The projects will be divided into quartiles based on the Accident Severity Index and the first quartile will receive 2 point, the second quartile 4 points, the third quartile 6 points and the fourth quartile 8 points. Projects that involve rehabilitation of existing facilities only, with no targeted additional safety features/improvements, are not eligible for "accident severity" points.

C. System Maintenance and Management Maximum 16 Points

If the main purpose of the proposed project is to maintain existing facilities, it may receive up to 16 points in this category. Please provide a description in the space provided next to each applicable criterion.

Evaluation Criteria	Points	Provide Description
Project includes either resurfacing or rehabilitation of a majority of the extent, substantial drainage improvements, improvement of signalization.	**4**	Old 2-lane rural arterial roadway will be replaced with a 3/5 lanes of new asphalt with curb and gutter, improved drainage system, and replacement of an undersized roadway culvert east of Olive.
Project aids in the detection and clearance of non-recurring traffic incidents, the rapid clearing of road obstructions, or otherwise contributes to or utilizes ITS technology or incident management elements.	**3**	In the 5-lane section the additional lanes will allow most damaged vehicles to be moved to the outside lane, allowing traffic to pass in the same direction without using the opposing lanes. In the 3-lane section it will allow the center turn lane to be used to clear vehicles behind the obstruction.
Project includes replacement or rehabilitation of a functionally obsolete or structurally deficient bridge, such that it no longer is a functionally obsolete or structurally deficient.	**5**	Existing culvert is a double 6'x3' RCB (not classified as a bridge). This culvert is grossly undersized for the 1% rain event and is proposed to be replaced by a 5-cell 10'x5' RCB which would be classified as a bridge.
Project is derived from or related to the INCOG Congestion Management Process and reduces congestion on streets or intersections functionally classified by the FHWA as arterials in incorporated areas or as a major rural collectors in unincorporated areas .	**0**	In the INCOG Regional Transportation Plan this arterial roadway is listed in the Roadway Enhanced Plan as a planned 4-lane arterial.
TOTAL	**12**	

Comments:_____

_____

_____

D. Project Preparation - Maximum 16 points

Projects that are prepared for construction may receive up to 16 points in this category. Please provide a description in the space provided next to each applicable criterion. Additionally, projects will receive one negative point for each year and for each project the sponsor has a previously-selected project that has not been scheduled to let to bid.

Evaluation Criteria	Pt	Provide Description
What is the status of the environmental review process?		
Environmental clearance completed and federal approval obtained	**0**	
Environmental clearance is in process in compliance with federal requirements	**0**	
Environmental clearance has not been initiated	**0**	Environmental studies have not been initiated.
EIS likely to be required	**0**	
What is the status of proposed project design/ engineering/ planning?		
Final Design/ Engineering/ planning completed and approved by ODOT	**6**	Final Design completed. Not approved by ODOT.
Preliminary Design/ Engineering 50% plans completed.	**0**	
Preliminary Design/ Engineering/ Planning design consultant selected.	**0**	
What is the status of right-of-way acquisition?		
Right-of-way acquisition completed or not required per ODOT approved plans.	**0**	
Right-of-way acquisition based on area is 50% complete in compliance with federal requirements	**0**	
Right-of-way acquisition has not been initiated	**1**	A/E has submitted R/W documents but acquisition has not been started.
What is the status of utility relocation?		
Utility relocation plans are completed or not required per ODOT approved plans.	**0**	
Utility relocation is 50% complete in compliance with federal requirements	**0**	
Utility relocation has not been initiated	**1**	Final Plans have been submitted to Utilities for preparation of relocation plans.
What is the amount of matching funds for STP Funds?		
More than 50% (6pts), 25 – 50% (4pts)	**4**	25% matching funds
ALL Preconstruction Activities funded by local resources (Not involving STP Dollars). (This does not waive minimum local match required for construction as required or as committed for the Surface Transportation Program funding request) --- Projects that were previously funded for implementation in this FFY or earlier and have not been obligated at the time of project ranking will receive -1pt per project per year. Delays out of control of the applicant are exempted from negative points.	**4**	Design completed with local funds only. Waterline relocation with local funds only.
TOTAL	16	

E. Livability - Maximum 14 points

If the main purpose of the proposed project is transit components, pedestrian components, or bicycle components, it may receive up to 12 points in this category. If the project is NOT an alternative-mode enhancement, but it includes design considerations for the operation thereof, it may obtain up to 6 points. Please provide a description in the space provided next to each applicable criterion.

Evaluation Criteria	Points	Provide Description
Main purpose of project is transit facility/hardware improvement, pedestrian or bicycle components	**0**	
If main purpose of project is not alternative mode, but it does include complementary features, please fill in bellow.		
Project provides for existing or planned bus/transit operations (*i.e.*, turning radii, bus stop pad, etc...)	**0**	
Project provides for pedestrian or bicycle components (bumpouts, sidewalks, shelters, wide shoulders, dedicated lanes, paths/trails etc...)	**5**	Project provides pedestrian access to three area schools.
Project (*not* a limited access facility) is primarily located in a district zoned as Commercial, Office, High-Density Single-Family Residential, or Medium-Density Multi-Family.	**0**	
Project displaces one or more homes, businesses, schools, churches or recreational areas.	**0**	
TOTAL	5	

Comments:_____

_____

_____

F. Freight Movement and Intermodal Linkages - Maximum 12 points

If the project induces the interaction between two or more modes of transportation, it may receive up to 12 points in this category. Please provide a description in the space provided next to each applicable criterion.

Evaluation Criteria	Points	Provide Description
Project facilitates the exchange of passengers and goods from private to public modes or between transportation modes.	0	
Project improves access to existing or proposed transportation freight or passenger terminal facility	0	
Project improves road component(s) with 5% or more heavy duty trucks by traffic volume substantiated with observed vehicle classification data as an attachment	0	
TOTAL	0	

Comments:_____

_____

_____

G. Special Benefits - Maximum 6 points

Please describe the extent to which the proposed project offers significant additional benefits to the transportation system not reflected by other rating factors. Please provide a description in the space provided next to each applicable criterion.

Evaluation Criteria	Points	Provide Description
Project is multi-jurisdictional, and is a part of a regional funding program or economic development strategy that benefits more than one community and/or county.	**0**	
TOTAL	0	

Comments: _____

_____

_____

_____