

Rocky River RPO

New Projects

Solicitation:

The RRRPO solicited new projects in the Fall 2013 to be reviewed by the Technical Coordinating Committee (TCC) STI Subcommittee. The TCC STI Subcommittee is made up of a volunteer from each county. They will review new projects and make recommendations on important projects in the region to the full TCC.

Process:

The TCC will review the New Project List and make a recommendation at its November 12, 2013 meeting. The TAC will review and adopt the New Project List for STI on November 21, 2013, if appropriate. The new projects will be inputted into the STI system as requested by NCDOT timeframe. The adopted project list will be posted on rockyriverrpo.org.

RRRPO Ranking Process

Public Process:

The TCC STI Subcommittee will develop criteria and methodology used to assign points for all STI projects, which include new projects and existing projects, in a variety of transportation modes. RRRPO has 1200 local input points to use in each Regional Impact and Division Needs categories. A maximum of 100 points can be used on any one project. This information will be presented to the TCC and TAC at their January 2014 meetings. In addition, this information will be sent to NCDOT SPOT staff for review and comment. NCDOT SPOT staff has to provide an administrative approval for the RRRPO Ranking Process, which is dictated by State law.

Once reviewed, the RRRPO Ranking Process will have a public hearing and go out for a 30-day public comment period. It will be highlighted on the RRRPO website and sent to all community stakeholders and a press release will be issued. This will all be done according to the RRRPO's Public Involvement Plan. The result of the public comment period will be presented to the TCC and TAC at their May meetings. At that time, the TAC will be asked to approve the project list with local point assignment.

RRRPO staff will enter all project points into the online system by July 31, 2014. RRRPO staff will also publish the final approved project list with points assigned on rockyriverrpo.org for public consumption.

Definitions:

New Project List: All new highway, pedestrian and bicycle projects for the STI that have not been submitted on previous versions.

Revised Project List: NCDOT staff asked RRRPO staff to delete and update information on the current highway project inventory.

RRRPO Ranking Process: There needs to be an adopted ranking process, including all modes, for STI.

Public Involvement Plan: Adopted RRRPO document that guides public process.

Timeline

Date	Action	Activity	Status
Fall 2013/ Winter 2014	RRRPO Staff	RRRPO staff and subcommittee will draft the best course of action for ranking New Projects List and ranking for local points. Notice to all stakeholders will be given.	In process
11/4/13	Juris- diction s	Any New Projects (Highway, Bicycle and Pedestrian) will be submitted by November 4 th .	Complete d
11/21/13	TAC	TCC will be asked to review and make a recommendations to the TAC regarding and the New Project List and Revised Project List. The TAC will be asked to review and approve, if appropriate.	Approved New and Revised Project list
Fall 2013/ Winter 2014		Send draft RRRPO Public Input and Ranking Process to NCDOT SPOT staff for review and comment.	In process
1/16/14	TAC	The RRRPO Ranking Process and Public Process will be reviewed by TCC and TAC. Updated Public Involvement Plan (PIP) will be reviewed by the TCC. The TAC will be asked to review and approve all documents, if appropriate.	
1/ 21/14- 2/ 17/14	RPO Staff	New Projects will be inputted into the <i>STI System</i> .	
3/20/14	TAC	There will be a public hearing at the March TAC meeting for RRRPO draft list comments, with a 30-day written comment period. It will be advertised according to the PIP. The draft list will be posted on rockyriverrpo.org .	
5/ 2014	TAC	TCC will be asked to review and make recommendation for the project point allocation. There will be a public hearing at the May TAC meeting for comments on project point allocation, with a 30-day written comment period. It will be advertised according to the PIP. The draft list will be posted on rockyriverrpo.org .	
7/2014	TAC	TCC will be asked to review and make recommendation for the project point allocation. The TAC will review and adopt the point allocation. This meeting will be advertised according to the PIP. The final list will be posted on rockyriverrpo.org	
5/1/14- 7/31/ 14	RPO Staff	Per TAC approval RPO staff assigns final points per project After points are assigned RPO staff publishes all final projects and points assigned on rockyriverrpo.org .	
Fall 2014	NCDOT Staff	State Transportation Improvement Plan (STIP) Public Comment Period opens.	
July 1, 2015	BOT	STIP adoption by Board of Transportation.	

These recommended point assignments will be presented to the TCC and TAC for their review and approval. The TCC retains the discretion to make recommendations to the TAC regarding changes to list. The TAC has the final discretion regarding assignment of local points, and retains the flexibility to make changes to these point assignments if it is able to document a reason for doing so. These changes must be documented and made available as information to the public.

The RRRPO will use the following ranking process to determine which projects are most critical for the area. All modes will be evaluated using a 100 point scale.

Highway-Maximum Points 100



Capacity (30 points maximum)

Volume/Capacity Ratio (current) – The ratio of the most recently available average daily traffic volume on a segment of highway relative to the design capacity of that highway. A ratio of less than .8 indicates that the current volume of traffic is equal to the capacity of the highway to safely handle that amount of traffic. This is a measurement of traffic congestion. (Level of Service: D) The points awarded for each ratio are listed below:

- > 1.00(Over Capacity).....30 points
- .8 – 0.99(Near Capacity)..... 20 points
- 0 – 0.79(Adequate Capacity)0 points

Future Capacity (20 points maximum)

Volume/Capacity Ratio (future) – The ratio of the future year average daily traffic volume on a segment of highway relative to the current design capacity of that highway. A 2030 thirty-year horizon will be used. The points awarded for each ratio are listed below:

- > 1.00(Over Capacity).....20 points
- .8 – 0.99(Near Capacity)..... 10 points
- 0 – 0.79(Adequate Capacity)0 points

Crash History (20 points maximum)

The Strategic Planning Office of Transportation has rated each project with two crash scores, severity and density.

- >50.....20 points
- 25-49.....5 points

Potential Employment (20 points maximum)

- Project provides direct access to an active20 points
industrial/business park development site OR
proposed new employment location with
more than 25 employees data source: GIS and Economic Development Commission
- Project provides direct access to an existing5 points
employment center (one or more employers in close proximity) data source: GIS

Consistency with Plan (10 points maximum)

- Project comes from an adopted CTP.....10 points
- Project comes from an adopted plan other than a CTP.....10 points
(such as a comprehensive plan, land use plan, capital
improvement plan, or other locally-adopted document)

Bicycle and Pedestrian-Maximum Points 100



Safety (40 points maximum)

- Pedestrian project adds sidewalk on a road that does not currently have any sidewalks.

Over 5000 vehicles40 points

3,000-4,999 vehicles30 points

- Pedestrian project (sidewalks, crosswalks)40 points on a roadway with a reported pedestrian-related crash in the last five years.
- Bicycle projects on a roadway with a reported.....40 points bicycle-related crash in the last five years.

Connectivity (30 points maximum)

- Projects that connect two previously disconnected.....30 points (or inconveniently connected) sections of bicycle or pedestrian infrastructure (missing links) data source: GIS
- Projects that connect neighborhoods with.....30 points schools, colleges and libraries.
- Projects that are located in or provide a30 points connection to a central business district, 30 points shopping center, park, hospital, or major employment center. data source: GIS

Plan Consistency (30 points maximum)

- Project is identified in an adopted bicycle.....30 points or pedestrian plan, or in a CTP.
- Project is identified in adopted local plan30 points or document, such as a capital improvement plan.

Transit-Maximum Points 100



RRRPO proposes to use the quantitative scoring methods already developed by NCDOT for the purpose of scoring transit projects. For simplicity, RRRPO will use the current scoring method in use by NCDOT for transit projects in the “Division Needs” category at the time of prioritization. Based on the proposed NCDOT criteria at the time of this document’s preparation, the scoring would be based on the following factors (subject to change by NCDOT in the future):

NCDOT Methodology (50 points maximum)

For Expansion Vehicles:

- 50% based on Benefit/Cost
- 10% based on Vehicle Utilization Data

- 10% based on System Safety
- 10% based on Connectivity
- 20% based on System Operational Efficiency

For Facilities:

- 60% based on Age of Facility, Facility Demand, Park & Ride, Bus Shelter
- 10% based on Benefit/Cost
- 10% based on System Operational Efficiency
- 20% based on Facility Capacity

For Fixed Guideway:

- 30% based on Mobility
- 30% based on Cost Effectiveness
- 20% based on Economic Development
- 20% based on Congestion Relief

CRITICAL NEED (50 points)

- Is this project critical to the County and listed.....50 points in adopted Local Coordinated Plan?

Aviation-Maximum Points 100



RRRPO proposes to use the quantitative data already developed by NCDOT for the purpose of scoring aviation projects. However, the RRRPO will use the NCDOT data, but, assign different percentages per category. This is based on local need and input. NCDOT data will then be divided in half for up to 25 points. Based on the proposed NCDOT criteria at the time of this document’s preparation, the scoring would be based on the following factors (subject to change by NCDOT in the future):

NCDOT Data (25 points maximum)

- 0% NCDOA
- 90% FAA
- 10% Local Investment Index
- 0% Volume Demand Index

Plan Consistency (75 points)

- Project is identified in an adopted local aviation75 points Transportation Improvement Program.

Ferry



There are no current or planned ferry operations in the RRRPO area, so no scoring method is proposed for this category.

Rail-Maximum Points 100

RRRPO proposes to use the quantitative scoring methods already developed by NCDOT for the purpose of scoring rail projects. For simplicity, RRRPO will use the current scoring method in use by NCDOT for rail projects in the “Division Needs” category at the time of prioritization, multiplied by 1.5 to put this on a 100-point scale instead of a 50-point scale. Based on the proposed NCDOT criteria at the time of this document’s preparation, the scoring would be based on the following factors (subject to change by NCDOT in the future):

NCDOT Methodology (75 points maximum)

For Track and Structures (Freight):

- 20% based on Benefit/Cost
- 20% based on Capacity/Congestion
- 20% based on Safety
- 10% based on Accessibility
- 10% based on Connectivity
- 20% based on Mobility

For Track and Structures (Passenger):

- 20% based on Benefit/Cost
- 30% based on Capacity/Congestion
- 20% based on Safety
- 30% based on Mobility

For Freight Intermodal Facilities, Intercity Passenger Service, and Stations:

- 20% based on Benefit/Cost
- 30% based on Capacity/Congestion
- 20% based on Connectivity
- 30% based on Mobility

Critical Need (25 points)

- Is this project critical to the County25 points

Resolution will include detailed information about the project, like employment or mobility benefits.

SPOT Point Assignment

RRRPO will be allowed to assign points differently within the “Regional Impact” and “Division Needs” categories. Some projects will be eligible for both categories, while some will only be eligible in the “Division” category. RRRPO has 1200 local input points to use in each Regional Impact and Division Needs categories. A maximum of 100 points can be used on any one project. The intent of the RRRPO is to assign the top 12 projects 100 point each.

