

Meeting Agenda

RPO Technical Advisory Committee
 May 27th, 2021 – 11:30 Zoom Meeting Platform
[Join LOSRPO TAC Meeting](#) or Call in: (301) 715 8592

1. WELCOME AND HOUSEKEEPING

- | | |
|------------------------------|--------------|
| A. Welcome and Introductions | Matt Wechtel |
| B. Ethics Statement | Matt Wechtel |

2. PUBLIC COMMENT

3. CONSENT AGENDA

- | | |
|--|--------------|
| A. Minutes from the RPO TAC March 25, 2021 Meeting | Matt Wechtel |
| B. Agenda Approval/Modifications | |

4. LAND OF SKY RPO TAC BUSINESS

- | | |
|--|----------------|
| A. LOSRPO DRAFT FY2022 PWP | Vicki Eastland |
| B. LOSRPO DRAFT P6.0 Local Input Point Methodology | Vicki Eastland |
| C. Prioritization 6.0 (SPOT 6.0) Update | Vicki Eastland |

5. PUBLIC COMMENT

6. REGULAR UPDATES

- | | |
|--|--|
| A. NCDOT Division 13 and 14 updates
Most Recent Updates http://landofskyrpo.org/ | Brendan Merithew/Wanda Austin
(or designee) |
| B. NCDOT Transportation Planning Division | TPD Staff |
| C. Staff Updates and Housekeeping | Vicki Eastland |

7. ADJOURN LOSRPO MEETING

Matt Wechtel

Upcoming Meeting
Land of Sky RPO TCC Meeting on June 10th, 2021
Land of Sky RPO TAC Meeting on June 24th, 2021

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Item 1B: Ethics Statement

ETHICS AWARENESS & CONFLICT OF INTEREST REMINDER

(To be read by the Chair or his or her designee at the beginning of each meeting)

In accordance with the State Government Ethics Act, it is the duty of every Board member to avoid conflicts of interest. Does any Board member have any known conflict of interest with respect to any matters coming before the Board today? If so, please identify the conflict and refrain from any participation in the particular matter involved.

Land of Sky Rural Planning Organization
Technical Advisory Committee
Virtual Meeting via the Zoom Platform
Minutes – March 25, 2021

Attendees:

Chair Matt Wechtel (County of Madison)
 Vicki Eastland (RPO Coordinator)
 Zia Rifkin (Staff to the RPO)
 Maureen Copelof (City of Brevard)
 Troy Wilson (NCDOT Division 14)
 Kevin Ensley (County of Haywood)
 Steve Williams (NCDOT Division 14)
 Stephen Sparks (NCDOT Division 13)

Hannah Cook (NCDOT Division 13)
 Anna Cameron (NCDOT)
 Daniel Sellers (NCDOT TPD)
 Larry Chapman (County of Transylvania)
 Wanda Austin (NCDOT Division 14)
 Mac Morrow (City of Brevard)
 Nancy Allen (Town of Marshall)
 Mark Gibbs (NCDOT Division 13)

WELCOME AND INTRODUCTIONS

Chair Matt Wechtel called the meeting to order at approximately 11:32am and welcomed attendees. He read the Ethics Statement, and inquired if there were any conflicts, which could preclude TAC members from participating in and voting on any business items, to state such for the record, and to refrain from participation in the matter.

Vicki Eastland called the roll and quorum was announced.
 Chair Wechtel requested approval of the consent agenda, which included the October 22, 2020 minutes and the agenda.

PUBLIC COMMENTS

No public comments were made.

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APPROVAL OF CONSENT AGENDA

Mac Morrow moved to approve the consent agenda. Larry Chapman seconded, and the motion carried upon a roll call vote, and without further discussion.

BUSINESS

Presentation: NC First Commission Final Report

The NC First Commission was established in March 2019. Comprised of 13 members of diverse backgrounds, with expertise in finance, business, and public policy; one of which was Henderson County Commissioner and former FBRMPO Chair William Lapsley, P.E.

The committee was tasked with evaluating North Carolina's current and future transportation investment needs and advising the Secretary of Transportation on new or better options to ensure financial resources are available in the future. With increased fuel efficiency and the projected increase in electric and hybrid vehicles, the committee looked for solutions to declines in the fuel tax and other transportation revenues. This included researching emerging trends, the impacts of new technologies and how changing demographics would have on NC's current funding model.

The final report was released on January 8th, 2021 and includes an identified need for an additional \$20 billion needed over the next ten years to maintain and improve existing infrastructure. To address this funding short fall, the report includes long-range transportation funding recommendations to provide more sustainable transportation funding to North Carolina in the future.

The final report and summary presentation are available here:

<https://www.ncdot.gov/about-us/how-we-operate/finance-budget/nc-first/Pages/final-report.aspx>

Amna Cameron, Deputy Director of NCDOT's Office of Strategic Initiatives and Program Support provided a presentation to the RPO TCC on the report's recommendations and key considerations moving forward.

Ms. Cameron shared information about the NC First Commission, which was formed in March 2019 to develop recommendations for sustainable transportation revenue sources. Their final report was released in January 2021. She shared that a CRAFTS tool has been included on the NC First Commission's website: www.ncdot.gov/ncfirst. Key findings from the study include the finding that NCDOT is underfunded and costs for transportation projects have seen incredible increases. Currently, the State would need to invest an additional \$7.4 billion per year to bring its spending to the national per-mile

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average. Currently, 29 years is the average between resurfacings for NCDOT supported roadways. Other Commission findings include that residents of the State pay \$3.4 Billion in higher vehicle operating costs annually due to poor transportation conditions; this includes additional vehicle operating costs, and costs due to congestion and safety. In Asheville, that cost breaks down to \$1,280 annually. By increasing the gas tax, these conditions might be alleviated.

Ms. Cameron noted that revenues are higher, but the tax base is going down due in part to increasing numbers of hybrid vehicles and increased vehicle fuel efficiency of gas-powered vehicles. The Commission also found that fuel economy standards will continue to erode the tax base. The only way vehicle manufacturers can further increase fuel economy is to focus on the production of electric and hybrid vehicles. The Commission also found through a survey of residents in the State that roads and infrastructure are a high priority, including that transportation is a higher priority in the Eastern and Western regions of the State. Investment recommendations to achieve a good infrastructure rating in the immediate term include increasing the level of investment by at least \$20 billion over the next ten years through an increase in the Highway Use Tax (HUT) from 3% to 5%; eliminating the net-of-trade exemption, and by recapturing proceeds from alternative HUT on short-term vehicle rentals, vehicle subscription services, and car sharing. Estimated revenues for transportation over the next ten years is more than \$7.6 Billion.

The study also proposes increasing the sales tax rate by 0.5% to 0.75%; increasing DMV fees, increasing the electric vehicle fee, and adopting a new plug-in hybrid fee, among other options. Another option for consideration includes a mileage-based user fee to fully replace the Motor Fuels Tax by 2030; however, this option would lead to no net change in estimated revenues for transportation over the next 10 years. Other options include expanding broadband, increasing debt capacity for NCDOT and appointing a Chief Innovation Officer.

The Commission found that this is an opportune moment. Next steps include spreading the word by increasing public outreach and education, meeting with the region's legislative delegations, participating in a mileage-based user fee pilot in Fall 2021, and joining the NC Chamber's Destination 2030.

No action required. Information only.

LOSRPO and SWRPO FY 2022 CMAQ Funding Allocation

In prior years, the Land of Sky and Southwestern RPOs LOSRPO and SWRPO have been allocated \$100,000 in Congestion Mitigation and Air Quality (CMAQ) funds from the NCDOT (\$50,000 to each RPO, each year). In this round, NCDOT has made a total of \$200,000 available, \$100,000 for each RPO. Land of Sky RPO staff, working with LOSRC

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Regional Clean Air Campaign and Land of Sky Clean Vehicles and Clean City staff has consulted with staff of the Great Smoky Mountains National Park and Southwestern Commission about the availability and potential uses of these funds. The National Park is requesting \$100,000 to continue its air quality education and outreach work within the Park for three years. These funds will account for SWRPO's \$100,000. Land of Sky Regional Council is requesting \$100,000 to continue the work of its Regional Clean Air Campaign and Land of Sky Clean Vehicles Coalition for two years. Land of Sky's work includes public education and outreach on reducing emissions from mobile sources, technical assistance to fleets in the region on alternative fueled and advanced technology vehicle options, and assistance securing grant funding for green fleet projects. These funds will account for LOSRPO's \$100,000. Applications are due March 15, 2021 to the NCDOT.

Land-of-Sky RPO Resolution Endorsing Candidate CMAQ Project Proposals

WHEREAS the FAST Act of 2015 continues the Congestion Mitigation and Air Quality Improvement Program (CMAQ); and

WHEREAS CMAQ is a Federal program that funds transportation projects and programs in air quality non-attainment and maintenance areas to help achieve and maintain national standards for pollutants; and

WHEREAS the North Carolina Department of Transportation (NCDOT) administers the CMAQ program on behalf of non-attainment and maintenance areas within North Carolina; and

WHEREAS, the Land-of-Sky Rural Transportation Planning Organization (RPO) has administered a CMAQ project selection process among the area jurisdictions in air quality non-attainment and maintenance counties; and

WHEREAS, NCDOT has allocated a total of \$100,000 of CMAQ funds to the Land of Sky region for FY 2022-2023; and

WHEREAS the following candidate projects have been prioritized and allocation amounts have been approved recognizing the local entities are responsible for a 20% match and

WHEREAS the following candidate project proposals meet the requirements of CMAQ and the guidelines established by NCDOT to administer the program; and

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CMAQ Allocation FY 2022-2023				
Prioritized Project	CMAQ Funding FY 2022	CMAQ Funding FY 2023		Total Cost
LOSRC Air Quality Outreach & Education	\$50,000 (\$12,500 local match)	\$50,000 (\$12,500 local match)	\$125,000	\$100,000 (\$25,000 local match)

NOW, THEREFORE, be it resolved that the Land-of-Sky RPO endorses the attached listing of proposed CMAQ candidate projects provided here on this, the 25th day of March 2021.

ADOPTED: This the 25th day of March 2021.

Commissioner Matthew Wechtel, Chairman, Land-of-Sky RPO TAC

ATTEST:

Vicki L. Eastland, Land-of-Sky RPO

Mac Morrow moved to adopt the resolution for the CMAQ Funding Allocation for FY 2022/23 for the LOSRPO region. Kevin Ensley seconded, and the motion carried upon a roll call vote, and without further discussion.

LOSRPO Draft FY 2022 Planning Work Program (PWP):

LOSRPO staff has developed the Draft LOSRPO Planning Work Program, (PWP) and submitted the FY 2021-2022 Draft PWP to NCDOT TPD for review. Due to COVID 19 and NCDOT financial uncertainty, some ongoing work products are still underway, like SPOT6.0, for example. Like most years, the PWP is a continuation of ongoing RPO projects. The FBRMPO Comprehensive Transportation Plan (CTP) update as well as the Transylvania County Comprehensive Transportation Plan (CTP) are still underway, so funding is still allocated to the CTP category. LOSRPO staff serve on a few statewide work groups and committees, as well as ones with more regional significance therefore, there is a sizable percentage of the planning funds in the General Transportation category. SPOT 6.0 is ongoing so there is a significant amount of funding in Prioritization. Data Collection, Project Development and Administration make up the bulk of the remaining funding except for RPO Direct Charges, Travel, and Indirect Funds.

Nancy Allen moved to approve the Draft FY 2022 Planning Work Program (PWP) as presented. Kevin Ensley seconded, and the motion carried upon a roll call vote, and without further discussion.

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Prioritization 6.0 (SPOT6.0) Update

Vicki Eastland reviewed the prioritization process with the TAC and provided an update on potential changes to the SPOT6.0 timeline.

Prioritization Task	Estimated Date
Final Project List Approved by LOS TAC	March 2020
SPOT Online Closes for submitting projects	July 31, 2020
DRAFT Identified Needs Due for Hwy Projects	September 11, 2020
Area Specific Weights due	October 23, 2020
Final Identified Needs and Complete Streets Project sheets due for all projects (Hwy and Non-Hwy)	April 23, 2021
Quantitative Scoring completed	July, 2021
Local Input Point Assignment Methodologies Due	July 30, 2021
Prioritization Workgroup meeting	August, 2021
The remaining dates are TBD pending Prioritization Workgroup meeting outcome after quantitative scoring is complete. ***	***Summer/Fall 2021
DRAFT Programmed Statewide Mobility Projects and Quantitative Scores for all projects released	End of August, 2021
Local Input Points for Regional Impact Projects Due	November 30 th , 2022
DRAFT list of Programmed Regional Impact Projects	End of January, 2022
Local Input Points for Division Needs Projects Due	May 1, 2022
DRAFT 2023 – 2032 STIP Released	August 2022

Vicki Eastland reviewed carryover projects and she communicated that sometime in May, all MPO's/RPO's should receive a spreadsheet with quantitative scoring for all projects submitted. Vicki Eastland also shared that many of the estimated dates from summer 2021 forward are TBD and subject to change. Right now, the prioritization process for P6.0 is still in the submittal phase.

Information only. No action requested.

PUBLIC COMMENT

No public comments were made.

REGULAR UPDATES AND ANNOUNCEMENTS

NCDOT Division 13 & 14 Updates (Hannah Cook- Div. 13 and Steve Williams- Div. 14)
 NCDOT TPD Update (Daniel Sellers)
 Staff Updates (Vicki Eastland)

ADJOURNMENT

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Matt Wechtel moved to adjourn the meeting. Kevin Ensley seconded, and the meeting adjourned at 12:56pm.

4. LAND OF SKY RPO TAC BUSINESS

A. Item 4A: Item 4A LOSRPO DRAFT FY2022 PWP

LOSRPO staff presented the DRAFT LOSRPO Planning Work Program, (PWP) at the March TCC/TAC meetings. PWP was submitted to NCDOT TPD for review. Due to COVID 19 and NCDOT financial uncertainty, some ongoing work products are still underway. For example, SPOT6.0. Like most years, the PWP is a continuation of ongoing RPO projects. The FBRMPO Comprehensive Transportation Plan (CTP) update as well as the Transylvania County Comprehensive Transportation Plan (CTP) are still underway, so funding is still allocated to the CTP category. LOSRPO staff serve on a few statewide work groups and committees, as well as ones with more regional significance therefore there is a sizable percentage of the planning funds in the General Transportation category. SPOT 6.0 is ongoing so there is a significant amount of funding in Prioritization. Data Collection, Project Development and Admin make up the bulk of the remaining funding except for RPO Direct charges, Travel, and indirect funds. As mentioned at the March meeting, some minor edits were made to the PWP. These edits include:

- **\$500 Increase to Prioritization**
- **\$438 Increase to General Transportation Planning**
- **\$500 Increase to Administrative Activities**
- **\$1,000 Reduction to Lodging, Meals, Incidentals**
- **\$216 Increase to Registration/Training**
- **\$1,000 Decrease to Travel/Mileage**
- **\$346 Increase to Indirect costs**

Land of Sky Regional Council received the Indirect Cost Negotiation Agreement from the US Department of the Interior, dated April 20, 2021. The Updated PWP and Indirect Cost agreement have been forwarded to NCDOT TPD.

[LOSRPO FY 2022 PWP](#)

Staff Recommendations:

Recommend Approve LOSRPO FY 2022 PWP.

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Item 4B: LOSRPO DRAFT P6.0 Local Input Point Methodology

The NCDOT Strategic Planning Office of Transportation (SPOT) has been tasked with evaluating and programming transportation projects as stipulated in the Strategic Transportation Investments (STI) legislation, enacted on June 26, 2013.

As part of STI, each MPO/RPO and NCDOT Division Office may assign local points to projects in the Regional Impact and Division Needs categories, but not the Statewide Mobility category.

ncdot.gov				
P6.0 Hwy Criteria & Weights (Mobility Default)				
Funding Category	QUANTITATIVE		LOCAL INPUT	
	Data		Division	MPO/RPO
Statewide Mobility	Congestion = 30% Benefit -Cost = 25% Safety = 10% Freight = 25% Economic Comp. = 10%	100%	--	--
Regional Impact	Congestion = 20% Benefit -Cost = 20% Safety = 10% Freight = 10% Accessibility/Connectivity = 10%	70%	15%	15%
Division Needs	Congestion = 15% Benefit -Cost = 15% Safety = 10% Freight = 5% Accessibility/Connectivity = 5%	50%	25%	25%

Note: Area -Specific Criteria Weights allowed

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Slide provided by NCDOT SPOT Office

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ncdot.gov

P6.0 Hwy Criteria & Weights (Modernization Default)

Funding Category	QUANTITATIVE	LOCAL INPUT		
	Data	Division	MPO/RPO	
Statewide Mobility	Congestion = 10% Safety = 25% Freight = 25% Lane Width = 10% Shoulder Width = 20% Pavement Condition = 10%	100%	--	--
Regional Impact	Congestion = 5% Safety = 25% Freight = 10% Lane Width = 10% Shoulder Width = 10% Pavement Condition = 10%	70%	15%	15%
Division Needs	Safety = 20% Freight = 5% Lane Width = 5% Shoulder Width = 10% Pavement Condition = 10%	50%	25%	25%

Note: Area -Specific Criteria Weights allowed

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Slide provided by NCDOT SPOT Office

NCDOT requires that the methodology include the following components:

- At least two criteria (with at least one being qualitative)
- Public involvement (on the proposed methodology, and the preliminary assignment of local input points to projects based on the approved methodology)
- Dissemination of methodology, local points, and public input on LOSRPO's website (www.landofskyrpo.org)

Land of Sky RPO's Draft Local Input Point Assignment Methodology was sent to NCDOT SPOT office for review. Awaiting comments at this time. Any comments received from the SPOT Office will be shared with LOSRPO TCC/TAC. After review and comments by the TAC, the DRAFT Methodology will be advertised in the Mountain Express for public comment period and brought back to the TCC for review and recommendation to the TAC for final approval at the June 24, 2021 meeting.

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The tables below demonstrate the criteria that Land of Sky RPO plans to use to assign Local Input Points in SPOT 6.0.

Regional Impact Scoring												
Criteria	Max. Score Possible	Scoring Methodology										
SPOT Quantitative Score	50	Actual SPOT quantitative score from NCDOT (P6.0 regional scores on a 70-point scale, final results multiplied by 0.7143 to convert them to a 50-point scale)										
County Ranking	50	<table border="0"> <tr> <td>#1 Priority = 50 points</td> <td>#2 Priority = 45 points</td> </tr> <tr> <td>#3 Priority = 40 points</td> <td>#4 Priority = 35 points</td> </tr> <tr> <td>#5 Priority = 30 points</td> <td>#6 Priority = 25 points</td> </tr> <tr> <td>#7 Priority = 20 points</td> <td>#8 Priority = 15 points</td> </tr> <tr> <td>#9 Priority = 10 points</td> <td>#10 Priority = 5 points</td> </tr> </table>	#1 Priority = 50 points	#2 Priority = 45 points	#3 Priority = 40 points	#4 Priority = 35 points	#5 Priority = 30 points	#6 Priority = 25 points	#7 Priority = 20 points	#8 Priority = 15 points	#9 Priority = 10 points	#10 Priority = 5 points
#1 Priority = 50 points	#2 Priority = 45 points											
#3 Priority = 40 points	#4 Priority = 35 points											
#5 Priority = 30 points	#6 Priority = 25 points											
#7 Priority = 20 points	#8 Priority = 15 points											
#9 Priority = 10 points	#10 Priority = 5 points											
Total	100											

Division Needs Scoring												
Criteria	Max. Score Possible	Scoring Methodology										
SPOT Quantitative Score	50	Actual SPOT quantitative score from NCDOT										
County Ranking	50	<table border="0"> <tr> <td>#1 Priority = 50 points</td> <td>#2 Priority = 45 points</td> </tr> <tr> <td>#3 Priority = 40 points</td> <td>#4 Priority = 35 points</td> </tr> <tr> <td>#5 Priority = 30 points</td> <td>#6 Priority = 25 points</td> </tr> <tr> <td>#7 Priority = 20 points</td> <td>#8 Priority = 15 points</td> </tr> <tr> <td>#9 Priority = 10 points</td> <td>#10 Priority = 5 points</td> </tr> </table>	#1 Priority = 50 points	#2 Priority = 45 points	#3 Priority = 40 points	#4 Priority = 35 points	#5 Priority = 30 points	#6 Priority = 25 points	#7 Priority = 20 points	#8 Priority = 15 points	#9 Priority = 10 points	#10 Priority = 5 points
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Total	100											

[LOS RPO DRAFT SPOT-6.0-LIP-Methodology](#)

Staff Recommendations:

Recommend DRAFT P6.0 LIP Methodology be released for Public Comment and Public Hearing to be held at the June 24th TAC meeting.

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Item 4C: Prioritization 6.0 (SPOT 6.0) Update

The TAC members will be provided an update on potential changes to the Prioritization 6.0 timeline.

Prioritization Task	Estimated Date
Final Identified Needs and Complete Streets Project sheets due for all projects (Hwy and Non-Hwy)	May 28th, 2021
Quantitative Scoring completed	July, 2021
Local Input Point Assignment Methodologies Due	July 30 th , 2021
Prioritization Workgroup meeting	August, 2021
The remaining dates are TBD pending Prioritization Workgroup meeting outcome after quantitative scoring is complete. ***	***Summer/Fall 2021
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DRAFT list of Programmed Regional Impact Projects	End of January, 2022
Local Input Points for Division Needs Projects Due	May 1 st , 2022
DRAFT 2023 – 2032 STIP Released	August 2022

Staff Recommendation:

No action required, update only.

5. PUBLIC COMMENT

6. REGULAR UPDATES

A. NCDOT Division 13 and 14 updates
Most Recent Updates <http://landofskyrpo.org/>

NCDOT Staff

B. Transportation Planning Division updates
C. Staff Updates

Daniel Sellers
Vicki Eastland

Announcements, News, Special Updates

7. ADJOURN LOSRPO MEETING

Matt Wechtel

LAND OF SKY



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Upcoming Meetings

Land of Sky RPO TCC Meeting on June 10, 2021 at 10AM
Land of Sky RPO TAC Meeting on June 24, 2021 at 11:30AM