

Carbon Reduction Program (CRP) Guidelines

Policy Board
September 7, 2023

Background

- New funding program from Bipartisan Infrastructure Law (BIL)
- Similar eligibilities to CMAQ
- Focus on reducing on-road CO₂ emissions
- Applies to full MPO study area

Available Funding

	FY24	FY25	FY26	FY27	FY28	FY29
CRP - Federal	1,762,585	1,797,837	1,833,794	1,870,470	1,907,879	1,946,037
CRP - Soft Match	440,646	449,459	458,448	467,617	476,970	486,509
Total	2,203,231	2,247,296	2,292,242	2,338,087	2,384,849	2,432,546

Recommended Policy

- Add CRP following existing model of CMAQ
- Emissions assessment using CMAQ workbooks and/or mobile emissions modeling
- Change all references to “STBG/CMAQ” to “flexible regional funding”
- Projects submitted for funding will be considered for all funding sources as eligible

Example of Prioritization

Project	STBG	CMAQ	CRP	Cost	Benefit	Score	Rank
A	X			5.0M	20	40	4
B		X	X	2.5M	55	220	1
C	X	X		6.0M	63	105	3
D	X		X	1.2M	15.75	131.25	2

Project	Cost	Rank	STBG	CMAQ	CRP
B	2.5M	1		\$2.5M	
D	1.2M	2			\$1.2M
C	6.0M	3	\$6.0M		
A	5.0M	4	\$5M		

Action Requested

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) adopts the updates to the Regional Funding Framework to include the Carbon Reduction Program (CRP) as presented

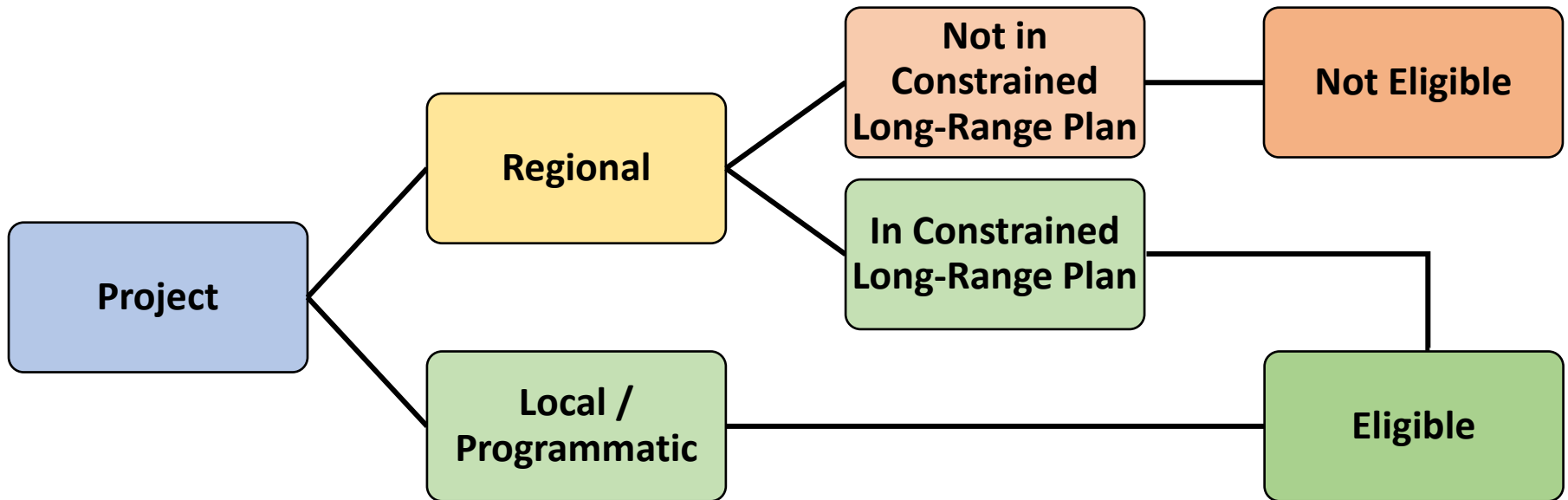
Transportation Alternatives: FY25 – FY26 Project Endorsements

Policy Board
September 7, 2023

Background

- Transportation Alternatives program funds active transportation projects and programs
- MPO and CTB cooperatively select projects
- State policy requires MPO endorsements
- 20 applications received during pre-app process
- Final apps due in October

ConnectRVA 2045 Consistency



Action Requested

WHEREAS the Transportation Alternatives (TA) Set-Aside Guidance requires all applications located within the boundaries of a Metropolitan Planning Organization to obtain a resolution of endorsement from the appropriate MPO; and

WHEREAS Chesterfield, Goochland, Hanover and Henrico counties and the City of Richmond have indicated their intent to submit FY25 – FY26 Transportation Alternatives applications for the following projects:

[Project List]

Action Requested

Recommendation on the following resolution

NOW, THEREFORE, BE IT RESOLVED, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board endorses these projects as applications for the FY25 – FY26 Transportation Set-Aside process.

TA Project Deficit: Bon Air Pedestrian Improvements (UPC 113439)

Technical Advisory Committee
August 8, 2023

Background

- Chesterfield County project, TA funded
- Ready for construction, estimate has doubled
- County seeks MPO assistance as general inflation is large driver of change
- Advertised, award by October
- No available TA funding, but TPO has other funding sources which could help cover the increase
- Total increase \$1,200,000



**PHASE 1
NEIGHBORHOOD BYWAY
SIGNS AND PAVEMENT MARKINGS
(1,380 LF)**

**PHASE 1
10' WIDE TRAIL
BEHIND EXISTING DITCH
(510 LF)**

**BON AIR
LIBRARY**

**PHASE 1
5' WIDE SIDEWALK
BEHIND EXISTING DITCH
(1,410 LF)**

**PHASE 1
10' WIDE TRAIL
(540 LF)**

**THE BON AIR
SHOPPING CENTER**

**BON AIR
BAPTIST
CHURCH**

**STONY POINT
CHURCH**

**BON AIR
ELEMENTARY
SCHOOL**

TAC Recommendation

- Other funding available which does not impact current projects or reserves:
 - FY24 CRP - \$2.2M
- TAC recommends awarding \$600,000 in FY24 CRP to this project, county to cover the balance

Action Requested

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board approves the transfer of \$600,000 in FY24 Carbon Reduction Program (CRP) funds from the CRP Balance Entry (UPC T27907) to the Bon Air Pedestrian Improvements (UPC 113439) project.

CMAQ Project Deficit: Rte 1 Intersection Improvements (UPC 15955)

Policy Board
September 7, 2023

Background

- Legacy project, now VDOT administered
- MPO funding since FY11
- Significant rescoping in 2018 to reduce cost
- Project scope cannot be reduced further
- Cost increase driven by inflation
- \$1,587,314 deficit, project on hold
- Ready to advertise if funding can be resolved



Recommended Solution

- I-64 Express Barge Expansion project (UPC 115815) cancelled; barge acquired through other means
- The surplus previous balance is \$2.1M
- This transfer could be completed quickly with TPO approval to allow the project to advertise

Action Requested

Recommendation on the following resolution

Resolved, that the Richmond Regional Transportation Planning Organization (RRTPO) approves the transfer of \$1,587,314 in CMAQ funding from the I-64 Express Barge Service Expansion (UPC 115815) project to the Rte 1 - Intersection Improvements at Hopkins Rd & Harwood St (UPC 15955) project.

CTAC Activity Follow-Up

Policy Board
September 7, 2023

Purpose of CTAC (Bylaws)

“...to advise the MPO on issues, plans, studies, and matters necessary and appropriate for providing viable and reasonable citizen input.”

Public Engagement Plan

Long-Range Planning

Short-Range Planning

General
Outreach

Scenario
Planning

L RTP

Modal
Plans

TIP

Funding