Greensboro Urban Area MPO



Technical Coordinating Committee February 26, 2020



Action Items

February 26, 2020



TECHNICAL COORDINATING COMMITTEE

Minutes of November 13, 2019 10:30 a.m., Greensboro, NC Third Floor, GDOT Conference Room Melvin Municipal Office Building

Attendance

Tyler Meyer	GDOT/MPO	Elizabeth Jernigan	GSO Parks and Recreation
Craig McKinney	GDOT/MPO	Stephen Robinson	NCDOT Division 7
Lydia McIntyre	GDOT/MPO	Mark Kirstner	PART
Tram Truong	GDOT/MPO	Scott Whitaker	Summerfield
Yuan Zhou	GDOT/MPO	Sean Taylor	Oak Ridge
Chandler Hagen	GDOT/MPO	Michael Abuya	NCDOT TPD
Gray Johnston	GDOT/GTA	Joe Geigle	FHWA
George Linney	GTA		

Tyler Meyer called the meeting to order at approximately 10:37 AM.

MPO Self Certification

- Annual requirement prior to UPWP adoption
- Based on a detailed checklist (see handout)
- Certifies MPO Compliance with:
 - **-USDOT Planning Process Requirements**
 - -Clean Air Act
 - -Civil Rights Act
 - -Americans with Disabilities Act
- Separate from the FHWA/FTA certification every 4 years

FY 2020-2021 Unified Planning Work Program Approval

- Annual budget and work plan for MPO planning
- Programs anticipated FY 2021 federal grants and local matching funds
- Anticipated planning grants:

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– FHWA PL $432,866
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- BGDA \$200,000

- FTA 5303 \$195,322

FY 2020-2021 Unified Planning Work Program Approval

- Prioritization 6.0 & MTIP
- 2045 MTP & CTP (long range transportation plan)
- Mobility Greensboro 2040 implementation
- Vision Zero Action Plan implementation
- Pedestrian & bicycle planning, outreach, and projects
- Model update, freight model development, household travel survey
- Data collection and performance management

UPWP adoption needed prior to meet March 15 deadline

MTIP Amendment: Transit Listings

- Updates funding based on 2020 FTA appropriations
- Makes changes consistent with Transit Resource Allocation Plan
- Adjusts PART projects to receive available prior year balances
- Adds new GTA grant to combat human trafficking



Recommended FY 2020-2029 MTIP Transit Listing (underlined text reflects requested changes)

STIP#	System	Description	Funding	Section	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
TA-4767	GTA	REPLACEMENT PARATRANSIT BUSES	FBUS	5339	<u>0</u>	579	579	579	579	579	579	579		
			Local	ļ	0	102	102	<u>102</u>	102	102	102	102	102	102
TA-4771	GTA	CLEAN DIESEL REPLACEMENT BUSES	CMAQ	CMAQ	1,900									
			Local	ļ	<u>335</u>						ļ			
TA-6690	PART	REPLACEMENT VEHICLES	FBUS	5339	43	43	43				43	43	43	43
			L	ļ	<u>8</u>	8	8	<u>8</u>	8	8	8	8	8	8
		RENOVATION OF J. DOUGLAS	FBUS		1538									
TD-5279	GTA	GALYON DEPOT	L		373									
			T	ļ	373						ļ			
TG-4759	GTA	PREVENTIVE MAINTENANCE	FUZ	5307	2,858	2,858		2,858	2,858		2,858			
			L		<u>715</u>	715	<u>715</u>	715	<u>715</u>	<u>715</u>	<u>715</u>	715	715	715
TG-4957	GTA	OPERATING-ADA PARATRANSIT SERVICE	FUZ	5307	<u>470</u>	<u>470</u>	<u>470</u>	<u>470</u>	470	470	<u>470</u>	<u>470</u>	470	470
			L		118	118	118	118	118	118	118	118	118	118
TG-6185	PART	ROUTINE CAPITAL	FUZ	5307	240	20	20	20	20	20	20	20	20	20
			L		<u>60</u>	5	<u>5</u>	5	<u>5</u>	<u>5</u>	<u>5</u>			5
TG-XXXX	GTA	TRANSIT SAFETY INNOVATIONS	FUZ	5312		22								
			L			<u>6</u>	3				ļ			
TO-4971	GTA	OPERATING- FIXED ROUTE	FUZ	5307	1243	1243	1243	1243			1243	1243	1243	1243
			L		1243	1243	1243	1243	1243	1243	1243	1243	1243	1243
			L		<u>1736</u>	1878	1878	1878	1878	1878	1878	1878		
			SMAP	ļ	<u>1736</u>	1878	1878	1878	1878		1878	1878		
TO-5209	PART	OPERATING- FIXED ROUTE	FUZ	5307	326	294		294	294		294	294		
			L	ļ	<u>326</u>	294		<u> 294</u>	294		294	294		
TO-5221	TAMS	OPERATING- RURAL TRANSIT	FUZ L	5307	<u>0</u>	35 35		35 35			35 35	35 35		
TO-6139	GTA	SECTION 5310 OPERATING	FEPD	5310	3 <u>0</u>	30					30			
			L		30	30		30	<u>30</u>		30	30		
TP-5101	GTA	PLANNING ASSISTANCE-5303	FMPL	5303	141	195		195	195		195	195		
			L		18	24		24			24			
			STATE		18	24		24			24			
TQ-6783	GTA	SECTION 5310 CAPITAL PROJECT	FEPD	5310	209	209					209			
			L		52	52								
TQ-7000	GTA	SECTION 5310 PROGRAM ADMINISTRATION	FEPD	5310	27	<u>27</u>					27			
TS-4758	GTA	SAFETY & SECURITY	FUZ	5307	47	47	47	47	47	47	47	47	47	47
			L		12	_	_	_					_	
ACUC	n b	usiness Otner			man			on:	Δmc		MTIP			

Recommended Action: Amend MTIP

MTIP Amendment: M-0539 Environmental Mitigation & Minimization

- Project enables eligible work anywhere in the state
- Mitigation & minimization facilitate getting environmental permits
- MPO area NCDOT projects will benefit

ID#	DESCRIPTION	FUNDS	PHASE	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
	Various Division Tier Projects,												
M-0539DIV	Environmental Mitigation and	I	MIT	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
	Mimimization.												
	Various Regional Tier Projects,												
M-0539REG	Environmental Mitigation and	I	MIT	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
	Mimimization.												
	Various Statewide Tier Projects,												
M-0539SW	Environmental Mitigation and	I	MIT	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000
	Mimimization.												

Congestion Management Process Update

- •Required for MPOs with > 200,000 population
- Precursor to the MTP
- Multi-Modal Evaluation
- Identifies system and corridor level congestion
- Identifies performance measures and strategies



Figure 1.2 Greensboro Urban Area Congestion Management Process **Identify System Network Develop Performance Goals, Objectives, and Measures Develop and Analyze Strategies Develop Performance Monitoring** Plan / Data Gathering **Incorporate into MTP Unified Planning Work** Incorporate into MTIP Program **Project Implementation Monitoring and Project Performance Evaluation**

Action Business

Congestion Management Process (CMP)

Document Snap Shot:

- ✓ Introduction
- Existing Conditions
- ✓ Multi-Modal Performance Evaluation
- ✓ Management Strategies
- ✓ Findings and Recommendations

Congestion Management Process (CMP)

- The City and MPO should continue to study, prepare for, and pursue smart city initiatives to improve traffic management, incident management, and data collection.
- The MPO should continue implementing Vision Zero Greensboro program to better address safety problems and integrate safety more centrally into its mobility and planning philosophy.
- Further development and collection of data for evaluating the performance of the transportation system.
- The MPO should expand the focus of the CMP in the future to be more of a Performance Management Plan tracking the MPOs performance management goals and targets.
- Identify other transportation related data sources and smart technologies that can be used to gather and analyze data.

RESOLUTION ADOPTING THE UPDATED GREENSBORO URBAN AREA CONGESTION MANAGEMENT PROCESS

A motion was made by TAC Member	and seconded by TAC Member
for the adoption of the foll	lowing resolution and upon being put to a vote was
duly adopted.	
WHEREAS, the Transportation Advisory Committee	ee has found the Metropolitan Planning Organization is
conducting planning in a continuous, cooperative, an	
U.S.C. and 49 U.S.C. 1607: AND	•

WHEREAS, the Fixing America's Surface Transportation Act requires all Metropolitan Planning Organizations (MPO's) that are Transportation Management Areas (MPO's with urbanized area population over 200,000) to develop a Congestion Management Process (CMP); AND

WHEREAS, the CMP must identify a process to evaluate and address congestion for the area's multimodal transportation system; AND

WHEREAS, the CMP should contain multimodal system performance measures and strategies that reflect in the Metropolitan Transportation Plan and Metropolitan Transportation Improvement Plan; AND

WHEREAS, the CMP should identify a monitoring plan to evaluate the performance of the multimodal transportation system; AND

WHEREAS, on April 2, 2017 the Federal Highway Administration and the Federal Transit Administration jointly certified that the MPO substantially meets the federal metropolitan transportation planning requirements, for a period of four years; AND

WHEREAS, the MPO, FHWA and NCDOT have reviewed the draft CMP and found that it is complete and ready for adoption per requirements of 23 U.S.C § 450.322:

NOW THEREFORE be it resolved, by the Greensboro Urban Area Transportation Advisory Committee, that the updated Congestion Management Process be adopted for the Greensboro Urban Area Planning Organization, on this day February 26, 2020.

February 26, 2020

Congestion Management Process

Page I of 2



Recommended Action:
Approve CMP

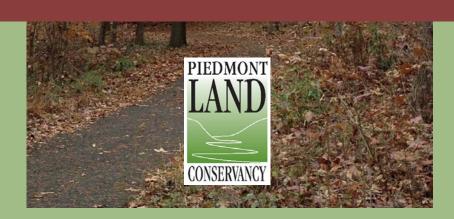
CONGESTION MANAGEMENT PROCESS



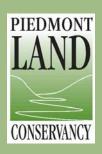
Business Items



2019 FEASIBILITY STUDY

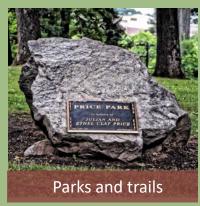






PLC works with willing landowners and partners to protect:

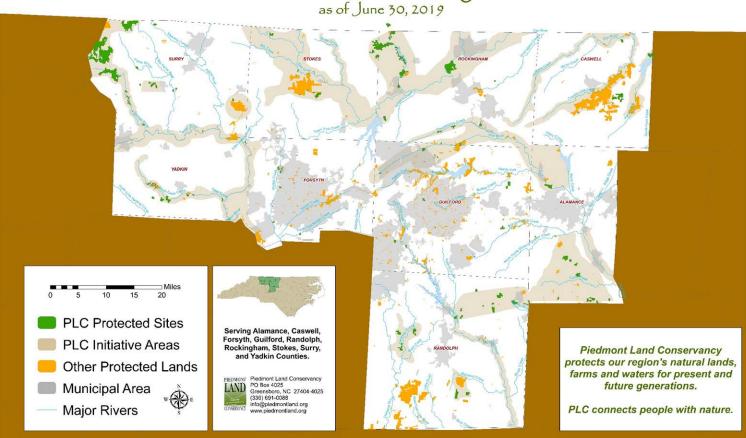








Piedmont Land Conservancy Protected Lands as of June 30, 2019











A Major Regional Greenway

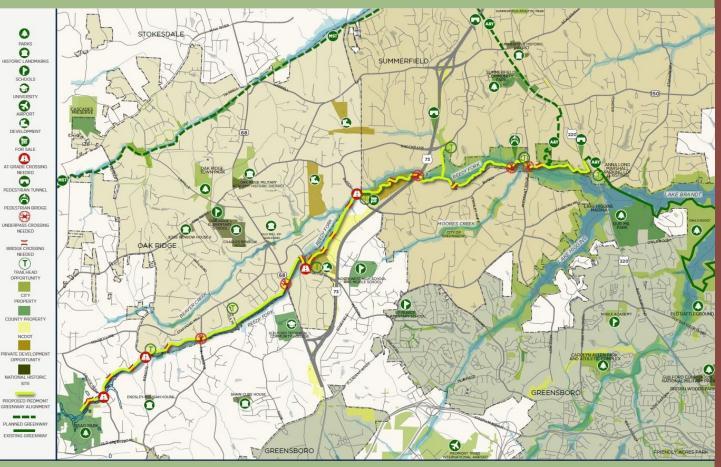
What Makes a Successful Trail?

- Access to nature
- Amenities
- Trailheads/Wayfinding
- Partnerships
- Universally accessible
- Urban/suburban/rural
- Security
- Safe road crossings
- Low impact
- Available to multi-users

Guiding Principals for the Piedmont Greenway

- Connect communities in Guilford
- Provide alternative transportation options
- Use the trail as an economic development tool
- Promote healthy activity
- Preserve and enhance green space
- Enhance Community identity

Overview Map - Guilford Co. Section



Greenway Connections:

- Greensboro
 Watershed Trails
- Bur-Mil Park
- A&Y Greenway (with connection to Downtown Greensboro)
- Potential spurs to Oak Ridge/MST
- Triad Park
- Downtown Kernersville
- Salem Lake Trail
- Winston-Salem Greenways



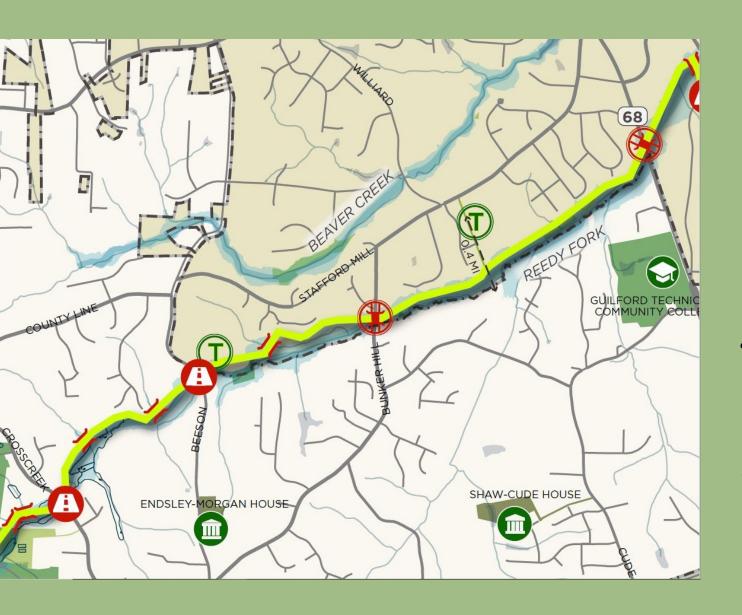
QUICK FACTS

- 3.9 miles
- Mostly public land
- Trailhead parking on Bunch Road
 - 2 underpasses
- Spur to Summerfield property on Brookbank Road for trailhead



QUICK FACTS

- 3.2 miles
- Wide underpass at I-73
 - Land acquisition opportunity -Bandera Farms
 - Request for NC DOT remnant properties
- Trailhead I-73 Underpass ins



QUICK FACTS

- ~5.35 miles
- 27 private landowners/HOAs
- 4 road crossings/ bridges:
 NC 68/Bunker Hill Road/Beeson Road/ Cross Creek Road
- Some easements secured by Oak Ridge

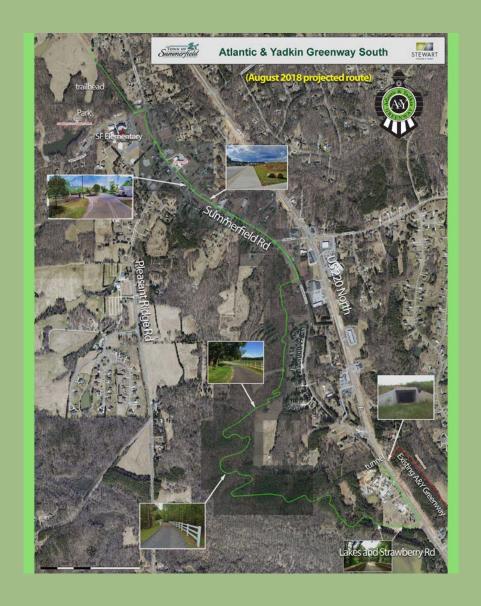


IMPLEMENTATION

PHASE 1 - 3.9 miles	PHASE 2 - 3.2 miles	PHASE 3 - 5.35 miles
\$3.9M	\$5M	\$9.7M

TOTAL PROJECT COST ESTIMATE \$22.2 M

Begin with Phase 1 as a Natural Surface Trail





Public Engagement Process

- Executive Summary published
- Presentations to MPO/P&R/Trail Committees/Boards
- Open house in Summerfield/Oak Ridge in March
- Website
- Steering Committee to move project forward
- Key acquisition opportunities







Phase 1 Implementation

- Natural surface trail and potential for MST dedication
- Use of volunteers to construct on City of Greensboro property
 - Phase 1A: ~2 miles from US 220 to Bunch Road
 - Phase 1B: ~2 miles from Bunch Road to I-73
- Trailhead on City property between Pleasant Ridge and Bunch Roads







Any Questions?









Division Engineer Updates



Step One: Identification of Candidate Projects

Step Two: Evaluation of Candidate Projects

Step Three: Submittal of local projects to NCDOT

Step Four: Assignment of Local Points

Step Five: Public Involvement

Step Six: Submittal of Local Input to NCDOT



Step One: Identification of Candidate Projects

- Requested Project from Eligible Sponsors
- Reviewed Eligibility Requirements
- Competitiveness
- Potential for funding and implementation

Other



Step One: Identification of Candidate Projects

- *Received Projects from:
 - ✓ City of Greensboro Roadway, Bicycle and Pedestrian, and Public Transportation
 - √ Town of Oak Ridge- Roadway
 - ✓ Town of Summerfield- Roadway
 - √ Town of Pleasant Garden- Roadway
 - ✓ NCDOT- Rail
 - ✓ PTIA- Aviation



Step Two: Evaluation of Candidate Projects

- **❖**Roadway
- Public Transportation
- **❖**Rail
- ❖ Bicycle & Pedestrian
- Aviation

Other



Project Updates P6.0 Project Submittals 2023-2032

Step Three: Submittal of Local Projects to NCDOT

- ❖Roadway 23
- ❖ Public Transportation 23
- **❖**Rail 23
- ❖ Bicycle & Pedestrian 23
- **❖** Aviation 23





Project Updates P6.0 Project Submittals 2023-2032

Prioritization Process Timeline (Updated)

PHASE I: Identify Candidate Projects

April 17, 2019- MPO initiates project submittal process

July 2019 - BOT approves P 6.0 Criteria/ Weights

November 27, 2019- All Projects must be submitted to the MPO (including Aviation)

December 20, 2019 – Existing Project Deletions and Modifications due to NCDOT

December 2019 - February 2020- MPO analysis and identify projects for submittal **February 26, 2020**- TAC and TCC review of *Draft List of Project Submittals*

March 9- April 9, 2020- Public Review

April 15, 2020- MPO approval of Recommended Project List

May 1, 2020 – Deadline for entering all projects for SPOT online

February 2021 – Quantitative Scores and Draft list of Programmed Statewide Mobility Projects released

Project Updates NCDOT Approved Project Schedules

Prioirity Order	TIP#	Project	Project Status	2020-2029 TIP Schedule			Requested	2020-2029 TIP Costs		Current City	Cash Flow
				PE	R/W	CST	Authorization Date	STIP	City	CST Estimate	Notes
1	U-5532 A	Josephine Boyd - Walker Roadway & Sidewalks	Waiting for Construction Authorization.			obligated in FY 19	cst 3/20	\$1,129,292	\$282,323	\$1,411,615	first billing 12/20
3	B-5553	Ballinger Road Bridge Replacment	Waiting for Construction Authorization.			obligated in FY 19	cst 3/20	\$2,019,342	\$504,835	\$2,524,177	first billing 12/20
4	EB-6037 C	A&Y / DTG Phase 4	100% design by City consultant			2021	cst 8/15/20	\$4,440,000	\$1,110,000	\$9,226,480	first billing 6/21
5	C-5555 E	College - New Garden Sidewalks	R/W Certification in process. Let Date 4/23/2020				cst 7/20	\$496,419	\$124,105	\$620,524	first billing 6/21
6	U-5532 K	North Elm Sidewalks	Let Date 6/25/2020				cst 6/20	\$240,000	\$60,000	\$300,000	first billing 6/21
7	U-5532 F	Holden Road Sidewalks	Let Date 7/2/2020				cst 8/20	\$1,398,520	\$349,630	\$1,748,150	first billing 6/21
8	U-5532 E	General Sidewalk Improvements	Let Date 7/9/2020				cst 8/20	\$1,770,638	\$442,660	\$2,213,298	first billing 6/21
9	EB-5878	Meadowview Road Sidewalks	In design by City staff. Plans to be submitted to Div 7 for R/W & authorization.		2020	2020	r/w 3/20	\$248,000	\$62,000	\$350,000	first billing 6/21
10	U-5532 G	General Sidewalk Improvements	Let Date 7/30/2020				cst 6/20	\$824,990	\$206,247	\$1,031,237	first billing 6/21
11	U-5532 I	Holden-Cotswold-Greenbriar- Swing Sidewalks	Let Date 8/6/2020				cst 7/20	\$779,377	\$194,844	\$974,221	first billing 6/21
12	U-5532 H	Seminole - Whippoorwill - Bessemer Sidewalks	Let Date 8/13/2020				cst 7/20	\$387,878	\$96,970	\$484,848	first billing 6/21

Action

Business

Other

Project Updates Upcoming Project Milestones

EB-5518 Latham Park Greenway

Contract to Greensboro City Council for award March 17

Contracts for bid in March:

- U-5532A Josephine Boyd and Walker
- B-5553 Ballinger Road Bridge

A&Y Greenway and Downtown Greenway Phase 4 Corridor

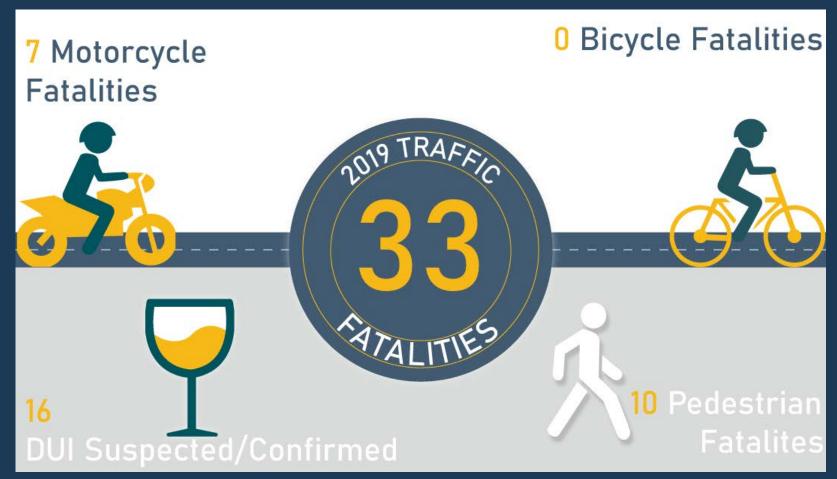
- Norfolk Southern will soon open bids on track removal
- Tracks to be removed by May 1
- Downtown Greenway Phase 4 Bid opening October 2020

P6.0 Submittals Due May 1 – Approval Scheduled April 15 TAC

Strategic Reports

VISION ZERO GREENSBORO SUMMIT

February 13, 2020





Engineering

- HIN Network Revisions
- Expanding Crash Data Set
- Incorporating in P 6.0 and Long-range plan updates
- Improving Tools





Education & Encouragement

- Community Events
- Professional Associations
- Safety Conferences
- Safe Routes to School





Partner Updates

Joe Stewart, Insurance Agents of North Carolina ,Vice-President for Governmental Affairs Dré Fleury, Crumley Roberts, Personal Injury Practice Group Leader / Chief Legal Officer Ron Glenn, Greensboro Police Department, Police Information Officer Ali Karimoddini, North Carolina A&T State University, Director of NCCAV Center



Breakout Groups

	Communication	Data	Infrastructure	Operation and Policy	
Facilitator	Amanda Lehmert	Tram Truong	Lydia McIntyre	Gray Johnston	
Facilitator	Tyler Fulton	Yuan Zhou	Deniece Conway	Chandler Hagen	
	Zharia Winters	Margaret Cannell	Nicole Lindahl	David Hampsten	
	Cory Phillips	Omar Oliveros	Chris Spencer	Tyler Meyer	
Members	Joan Bass	Deon Carter	Nikki Baker	Nancy Vaughan	
	Marikay Abuzuaiter	Mark Schulz	Elizabeth Jernigan	Brian Price	
	Amanda Wellendorf	Ali Karimoddini	Craig McKinney	Dré Fleury	
	Ronald Glenn	Brian Mayhew	Jeffrey Sovich	Mark Kirstner	
		Chris Barbieri	Noland Tipton	Chris Roberts	
				Jai Daniels	



Moving Forward

- Work Plan
- Advisory Committee Members
- Task Force Members
- What's Your Safe







Other Items

- I. Member Updates
- 2. Wrap up
- 3. Next Meeting April 15, 2020 at 2 PM



Technical Coordinating Committee February 26, 2020