

**Citizens Advisory Committee (CAC)
Meeting Minutes
February 16, 2016**

CAC Members Present:

Donald Smart
Janet Deyette
Bliss Jamison
Richard Belhumeur
Greg Feldman, Vice Chairman
Gilles Blais
Mary Ellen Ottman
Alan Peterson
Joe Villanella
Bob Storke
Doug Homan
Judy Craig, Chairperson
Elizabeth Alicia Lendian
Edie Biro
Melissa Winsett (non-voting)
Gene Ferguson (non-voting advisor)

CAC Members Absent:

Nora Jane Gillespie
Susan Elliott (excused)
Bobby Ball (excused)
Joy Krom
Terry Bledsoe (excused)
Bob Owens
Rickey Mack
Faith Alkhatib (non-voting)

Others Present:

Marie Duda, Recording Secretary
Pamela Blankenship
Robert Keeth
Stephan Harris
Jean Parlow
Aarti Sharma
Vince Wang

Representing:

Daytona Beach
Deltona
Edgewater
Flagler Beach
Flagler County
Holly Hill
Ormond Beach
Palm Coast
Ponce Inlet
Orange City
Volusia County
Volusia County
Volusia County
Votran
Volusia County Traffic Engineering
FDOT District 5

Representing:

New Smyrna Beach
Pierson
Port Orange
South Daytona
Volusia County
Flagler County Transit
Votran
Flagler County Traffic Engineering

Representing:

TPO Staff
TPO Staff
TPO Staff
TPO Staff
TPO Staff
TPO Staff
TPO Staff

I. Call to Order / Roll Call / Determination of Quorum

Chairperson Ms. Craig called the meeting of the River to Sea Transportation Planning Organization (TPO) Citizens Advisory Committee (CAC) to order at 1:32 p.m. The roll was called and it was determined that a quorum was present.

II. Press/Citizen Comments

There were no press/citizen comments.

III. Consent Agenda

A. Review and Approval of January 19, 2016 CAC Meeting Minutes

MOTION: *A motion was made by Mr. Storke to approve the January 19, 2016 CAC meeting minutes. The motion was seconded by Ms. Deyette and carried unanimously.*

IV. Action Items

A. Review and Recommend Approval of the Draft FY 2016/17 and 2017/18 Unified Planning Work Program for Submission to FDOT/FHWA

Mr. Keeth explained that the Unified Planning Work Program (UPWP) is a two-year budget which prescribes what TPO staff and consultant activities will be undertaken with the planning funds available to the TPO from July 1, 2016 through June 30, 2018. There are a number of changes in the format and content of this UPWP from previous UPWPs as a result of new requirements that were developed jointly by the FHWA, Florida Department of Financial Services and FDOT. Most of the TPO staff and consultant activities in the UPWP are funded with federal funds which, in the past, had been administered by FDOT under several funding agreements. Now, all of these funds will be administered under a single agreement. The UPWP will be a part of that agreement and will serve as the scope of work. These changes will be reflected in the new UPWP as substantial revisions to the budget tables including line item expenditures. Many of the TPO's overhead costs (rent, audit expenses, copy machine expenses, etc.) which used to be allocated across individual tasks, will now be placed under Task 1.01 General Administration.

Mr. Keeth noted that funding for new planning activities is somewhat limited for the coming year; however, it is anticipated that some additional funding will be provided by the new federal transportation funding bill: the Fixing America's Surface Transportation (FAST) Act. At this time, it is not clear how much additional funding the TPO will be receiving or even when it will be available. With any additional funding, the TPO is considering including the following new tasks: an Intelligent Transportation System (ITS) master plan, Flagler County school safety studies and is also considering doing climate change risk assessments, for instance, what the impacts of severe weather will be on transportation facilities. The TPO has not identified funding for the climate change risk assessment yet and is partnering with the East Central Florida Regional Planning Council (ECFRPC) to do a general risk assessment based on sea level rise. The TPO wants to follow up with additional work prescribing specifications for building resiliency into new transportation facilities. Mr. Keeth noted that the TPO is on an accelerated schedule to prepare and submit the UPWP to the state; a draft must be submitted by March 15, 2016. The TPO Board's March meeting falls after that deadline so it has to be done this month. The draft will come back next month for review, and adoption will be in April.

MOTION: *A motion was made by Mr. Blais to recommend approval of the Draft FY 2016/17 and 2017/18 Unified Planning Work Program for submission to FDOT/FHWA. The motion was seconded by Mr. Villanella and carried unanimously.*

B. Review and Recommend Approval of Resolution 2016-## Amending the FY 2015/16 – 2019/20 Transportation Improvement Program (TIP)

Mr. Keeth announced that Resolution 2016-## amending the FY 2015/16 – 2019/20 Transportation Improvement Plan (TIP) adds one project: the Holsonback sidewalk on Holsonback Drive. This project connects the Votran bus stop on Bill France Boulevard with the driveway to the Volusia County Health Department. The cost is \$98,957, mostly funded with federal SU funds, with a local match of \$6,300. The construction is scheduled for FY 2016 and the sidewalk is 1,200 feet long.

MOTION: *A motion was made by Mr. Belhumeur to recommend approval of Resolution 2016-## amending the FY 2015/16 – 2019/20 Transportation Improvement Program (TIP). The motion was seconded by Mr. Feldman and carried unanimously.*

V. Presentation Items

A. Presentation and Discussion on Votran's Annual Report Summary

Ms. Heather Blanck, Votran, gave a PowerPoint presentation on Votran's Annual Report Summary. This is the 40th anniversary of Votran. On Votran's website there is a video that was completed by Volusia Magazine. She covered the ridership, achievements, budget and challenges that they are facing. Ridership has decreased since 2014 due to a fare increase up to \$1.75 (a 40% increase). A study was done which analyzes the impact of fare increases: it says that for every fare increase of 10%, there will be a resulting 3% decrease in ridership. Because Votran's fare increase was 40%, they could have expected a 12% decrease in ridership; however, it was only a decrease of 6.5%.

Votran's achievements include approximately 100 improvements to bus stops in unincorporated Volusia County; Votran hosted the first joint conference of the Florida Public Transit Association (FPTA) and the Commission for the Transportation Disadvantaged (CTD) at the Ocean Center and "Vo to Go" tags were placed on bus stop signs that provide real time bus information. These will help to manage incoming call volumes and provide better bus information. Votran also had a successful Federal Transit Administration (FTA) Triennial Review (every three years) this past year with no major findings.

At the 2015 FPTA Conference, Votran received the following awards: 2nd place for Transit Technician of the Year, 2nd place for Bus Operator of the Year, 1st place People's Choice Award for the Aging Tree's "Reclaim your Independence" marketing campaign and finally, Votran received the Bus Safety Excellence Award.

She also reviewed Votran's budget for 2015/16. The challenges that Votran is having include capacity issues; the reauthorization of federal highway and transit funding which has increased compliance standards; ongoing traffic challenges which are tied into capacity issues; the economic upturn has created a more competitive job market and keeping up with the rising pay scales is difficult. Finally, she pointed out that the new trip generators are associated with the better economy.

Mr. Blais asked when the busses will accept credit cards.

Ms. Blanck replied that she does not think the vehicles will get to the point where they accept credit cards.

Mr. Blais stated that on the back of a Votran bus, there is a light that says "yield" but saw no advertisements to educate the public about it.

Ms. Blanck responded that it is a state law that if a bus is pulling away and you are approaching the bus you must yield to the bus. She said that she will look into having the Operations Department bring a presentation to a future CAC meeting.

Mr. Blais asked if it is good to give away bus passes.

Ms. Blanck replied yes, it is a good thing and a good service to provide.

Ms. Ottman commented that a decrease in ridership occurs when gas prices decrease.

Ms. Blanck pointed out that over the years as gas prices increase, so does ridership. She mentioned that the "long haul" trips, such as traveling from route 41 from Edgewater and New Smyrna Beach to Port Orange, will be heavier during high gas prices. This is similar to routes 60 and 20 as well.

Ms. Ottman commented that Votran has done a great job of making schedules available online.

Ms. Blanck responded that she would like to come next month and give a presentation on Votran's web application and how to sign up if you are a rider.

Ms. Lendian asked how SunRail affects Votran's ridership.

Ms. Blanck replied that SunRail has a modest impact on the ridership. SunRail is a new system and has been doing a lot of promotions to increase ridership. Votran is working closely with FDOT because they are funding the feeder busses that go to DeBary Station. Votran and FDOT monitored that area closely, and the busses provide half-hour service. Ridership is now increasing.

Ms. Craig, who also serves on the Transportation Disadvantaged Local Coordinating Board (TDLCB), mentioned that she went to Tallahassee to speak to representatives and senators, where she proposed an increase in funding to get Votran Gold service on the west side on Saturday and Sunday.

B. Presentation and Discussion on the Call for Projects Process (TCC only)

Mr. Keeth gave an overview of the Call for Projects process. This is an annual process to identify, evaluate and rank projects that address the goals and objectives of the LRTP but are not in the plan. The TPO issued a call for projects on January 28 and it will close on April 1. Following that, the TPO will review the applications received and develop a recommended ranking through the committee process. He reviewed the three types of projects: Traffic Operations/Safety, Bicycle/Pedestrian/Transportation Alternative Program (TAP)/Local Initiatives/Regional Trails and Planning Studies. The Technical Coordinating Committee (TCC) will be involved in the process. He asked that if a member has any ideas for projects, contact their TCC member or city commissions or councils.

Mr. Blais asked if there will there be a report on the pedestrian traffic when the race track is complete.

Mr. Keeth replied that that item is on the TPO Board agenda.

Mr. Harris advised that the FDOT pedestrian safety and connectivity assessment is along International Speedway Boulevard. FDOT is moving into Phase II of the study. Phase I looked at the corridor from I-95 to Nova Road, and Phase II will continue that study area west from Nova to the ocean. The TPO has its own study of SR A1A, and the limits of FDOT's study coincide with that study. There will be coordination of the two agencies.

C. FDOT Report

Mr. Gene Ferguson reported that there were no updates to the FDOT report.

D. Volusia and Flagler County Construction Reports

Ms. Winsett gave the Volusia County Construction report.

The Flagler County Construction Report was included in the agenda.

VI. Staff Comments

→ **Annual Retreat**

[Handout Provided]

Mr. Keeth reported that the TPO Annual Retreat was held on Friday, February 5, 2016 and the focus was on technology and its impact on transportation planning. Mr. Dale Cody with Metric Engineering was one of the presenters. The summary of this event is available on the back table.

Mr. Peterson stated that he attended the retreat; he suggested that the slides showing percentages should include the correct answer.

Ms. Lendian said that she attended as well and suggested that bar graphs could be inserted.

Ms. Craig noted that the concept changed this year. She indicated that the theater was nice but round tables were better for meeting others and interacting with them.

VII. CAC Member Comments

Mr. Storke brought up the TPO Facebook page and two items on it that were of interest.

Ms. Ottman expressed her congratulations to Votran for all the awards they won. The CAC members acknowledged with a round of applause.

Mr. Belhumeur announced that this is his last CAC meeting, as he has accepted a position representing the Flagler Beach City Commission. The new City Manager will take the seat on the Technical Coordinating Committee (TCC) Committee.

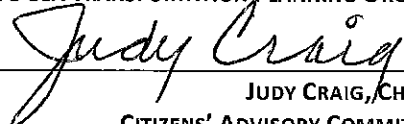
VIII. Information Items

- River to Sea TPO Board Meeting Summary
- UPWP Subcommittee Meeting Summary
- January TPO Outreach and Events

IX. Adjournment

There being no further business, the CAC meeting adjourned at 2:30 p.m.


RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION



JUDY CRAIG, CHAIRPERSON
CITIZENS' ADVISORY COMMITTEE (CAC)

CERTIFICATE:

The undersigned duly qualified and acting Recording Secretary of the River to Sea TPO certified that the foregoing is a true and correct copy of the minutes of the February 16, 2016 regular meeting of the Citizens' Advisory Committee (CAC), approved and duly signed this 15th day of March 2016.



MARIE DUDA, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION

MARIE DUDA, RECORDING SECRETARY
RIVER TO SEA TRANSPORTATION PLANNING ORGANIZATION



2016 Annual TPO Planning Retreat Summary



February 5, 2016

9:00 a.m. – 11:00 a.m.

Daytona State College, Madorsky Theater
1200 W. International Speedway Boulevard
Daytona Beach, Florida 32124

BACKGROUND

On February 5, 2016, members of the River to Sea Transportation Planning Organization (R2CTPO) Board, as well as the Citizens' Advisory Committee (CAC), Technical Coordinating Committee (TCC), Bicycle/Pedestrian Advisory Committee (BPAC) and Transportation Disadvantaged Local Coordinating Board (TDLCB) met for their annual retreat. Additional staff from member jurisdictions, private sector planning professionals, press and citizens attended the retreat. Overall, more than 50 individuals involved in transportation in Volusia and Flagler Counties participated.

The objectives of the retreat were to:

- Review advanced transportation technologies currently being developed and deployed;
- Discuss the potential impacts of new technologies on system safety, management and planning;
- Explore opportunities and challenges presented by new technology in the short and long term; and
- Consider planning activities, costs, policy and the role of the TPO in advancing technology.

Presentations at the retreat were delivered by Ms. Lois Bollenback, River to Sea TPO Executive Director, and Mr. Dale Cody, Metric Engineering, Inc. Mr. Cody is a former FDOT District 5 Assistant District Traffic Operations Engineer and currently serves as the Senior Vice President of Metric Engineering, Inc. He has more than 20 years of hands-on experience in all aspects of Intelligent Transportation Systems (ITS), tolling and traffic signal systems communication, planning, design, integration, operations and construction management. Mr. Cody has served as the Project Manager or Principal-in-Charge on more than 60 ITS projects and over 50 signalization projects.

WELCOME AND INTRODUCTIONS

After the morning reception and registration, the retreat session began at 9:00 am as scheduled with a welcome by Lois Bollenback, Executive Director of River to Sea TPO. Ms. Bollenback recognized and thanked various groups in attendance including citizen representatives and professional planners and consultants. She introduced R2CTPO Board Chairman and Volusia County Council Member Pat Patterson who also welcomed participants and introduced the city and county elected officials that were present.

OPENING ICEBREAKER EXERCISE

To begin the retreat, Ms. Bollenback led participants in an interactive exercise to familiarize the attendees with the interactive response-ware or "clickers" being used. Ten general survey questions were posed to the retreat participants who responded using the devices.

PRESENTATION: WHAT ARE INTELLIGENT TRANSPORTATION SYSTEMS (ITS) AND WHAT DO THEY DO?

Ms. Bollenback provided a broad overview of the changing technology both within and outside the transportation field. She discussed the current focus on Intelligent Transportation Systems (ITS) technology and the pace at which technology was being deployed. Ms. Bollenback offered a series of questions to the audience to encourage them to think about the potential impacts of technology on transportation safety, the automobile insurance industry, vehicle fueling, car sharing, traffic congestion and change in society.

PRESENTATION: TRANSPORTATION SYSTEM TECHNOLOGY – PART ONE

Mr. Dale Cody gave a PowerPoint presentation on transportation system technology that is currently in place and that which is being developed. He explained the history of ITS and what it is. Mr. Cody explained that intelligent transportation systems are defined by FDOT as the application of advanced information and communications technology to surface transportation in order to achieve enhanced safety and mobility while reducing the environmental impact of transportation. ITS systems monitor and manage traffic flow, reduce congestion, provide alternate routes to travelers, enhance productivity and save lives, time & money. Intelligent transportation systems include closed circuit television systems, dynamic messaging signs, vehicle detection systems, travel time systems and network master hubs (regional traffic management centers). He also reviewed the benefits of ITS which include the management of traffic flow, enhancement of safety, the reduction of congestion and enhanced productivity. There are a number of ways that ITS operations are carried out; these include freeway management systems, traffic incident management and traffic signal systems management. He noted that the State of Florida implemented ITS solutions in the late 1990s and is one of the leading states in the nation in deploying ITS technology.

PRESENTATION: HOW DO WE GET MORE INTELLIGENT IN OUR PLANNING AREA?

Using the clickers, Ms. Bollenback led an interactive discussion about the use of transportation technology in the TPO planning area. The discussion continued to

explore possible impacts of technology to transportation delivery, system performance, community planning, alternative fuels and alternative vehicles. She encouraged consideration of the role of the public and private sector in implementing change. She also noted that US 92 (International Speedway Boulevard) and US 17/92 (Woodland Boulevard) currently have coordinated traffic signal systems. State route 40 (Granada Boulevard) is in the process of instituting a coordinated traffic signal system.

PRESENTATION: TRANSPORTATION SYSTEM TECHNOLOGY PART TWO

Mr. Cody continued his PowerPoint presentation regarding advanced technologies in transportation. He explained further defined ITS strategies that are currently in place including local and regional strategies. He then delineated between connected vehicles, automated vehicles and autonomous vehicles. Connected vehicles are those which have technologies such as rear view cameras, adaptive cruise control or automated braking; these cars will quickly identify roadway hazards and alert the driver. Automated vehicle are those in which at least some aspect of a safety-critical control function (i.e., steering or braking) occurs without direct driver input; these cars will steer and brake for the driver. Autonomous vehicles are capable of sensing their environments and navigating without any human input. A YouTube video was then shown of a man experiencing a drive in an autonomous Tesla vehicle (https://www.youtube.com/watch?v=3yCAZMqX_Y). Mr. Cody closed his presentation with a discussion on the need for careful planning in order to deploy the appropriate technologies and the need for coordination in this effort.

FINAL QUESTIONS AND COMMENTS

Mr. Cody led a question and answer session. Questions were posed from the attendees about autonomous vehicles and their technology.

Ms. Bollenback directed the participants in a final survey session which consisted of questions regarding the success of the retreat. Participants "clicked" their responses to ten questions ranging from the usefulness of the agenda to what the next steps will be following the retreat. Overall, the rating received was 4.6 out of 5. The results of all the questions asked during the retreat are attached.

Turning Results by Question

Session Name: TPO 2 Session 2-5-2016 11-12 AM
 Created: 2/5/2016 5:41 PM

1.) A. On Super Bowl Sunday, I will be: (multiple choice)

- Rooting for the Denver Bronco's.
- Cheering for the Carolina Panthers.
- Watching, but it doesn't matter who wins.
- Doing something else with my free time.

Responses		
	(percent)	(count)
	0%	0
	100%	1
	0%	0
	0%	0
Totals	100%	1

2.) A. On Super Bowl Sunday, I will be: (multiple choice)

- Rooting for the Denver Bronco's.
- Cheering for the Carolina Panthers.
- Watching, but it doesn't matter who wins.
- Doing something else with my free time.

Responses		
	(percent)	(count)
	0%	0
	100%	1
	0%	0
	0%	0
Totals	100%	1

3.) A. On Super Bowl Sunday, I will be: (multiple choice)

- Rooting for the Denver Bronco's.
- Cheering for the Carolina Panthers.
- Watching, but it doesn't matter who wins.
- Doing something else with my free time.

Responses		
	(percent)	(count)
	29.17%	14
	10.42%	5
	35.42%	17
	25%	12
Totals	100%	48

4.) B. The best feature of the River to Sea TPO website is: (multiple choice)

- The ability to see meeting agendas and minutes.
- The ease of accessing TPO documents, studies and reports.
- The impressive listing of staff credentials and their photos.
- Wait – the TPO has a website?

Responses		
	(percent)	(count)
	25%	11
	50%	22
	6.82%	3
	18.18%	8
Totals	100%	44

5.) C. When new technology comes out such as smart TVs or the new iPhone, I: (multiple choice)

- Do my homework before I decide to make a purchase.
- Like to be on the cutting edge, so I buy one fast.
- Grab a beer and reminisce about the good old days.

Responses		
	(percent)	(count)
	55.10%	27
	0%	0
	44.90%	22
Totals	100%	49

6.) D. The following is one of my favorite ways to spend time: (multiple choice)

- At the golf course.
- Being on or near the water.
- Participating in sports or physical activity.
- Reading in solitude.

	Responses	
	(percent)	(count)
	4.17%	2
	45.83%	22
	31.25%	15
	18.75%	9
Totals	100%	48

7.) E. Three hours ago, I was: (multiple choice)

- Still in bed.
- Doing my morning exercises.
- Enjoying my first cup of coffee.

	Responses	
	(percent)	(count)
	29.17%	14
	14.58%	7
	56.25%	27
Totals	100%	48

8.) 1. On average, what percentage of vehicle crashes are due to human error? (multiple choice)

- 25%
- 45%
- 60%
- 75%
- 90%

	Responses	
	(percent)	(count)
	0%	0
	2.04%	1
	6.12%	3
	30.61%	15
	61.22%	30
Totals	100%	49

9.) 2. When do you think automated vehicles will be available to the public? (multiple choice)

- They are available now.
- 2 years
- 5 years
- 10 years
- 15 years

	Responses	
	(percent)	(count)
	28%	14
	20%	10
	32%	16
	16%	8
	4%	2
Totals	100%	50

10.) 3. Would you feel safe on the road today with fully automated vehicles? (multiple choice)

- Yes
- No
- In limited environments

	Responses	
	(percent)	(count)
	26%	13
	30%	15
	44%	22
Totals	100%	50

11.) 4. Have you driven or been a passenger in a vehicle that uses technology such as automatic braking, rear end camera, adaptive cruise control? (multiple choice)

Yes
No
I don't know

Responses	
(percent)	(count)
75%	36
20.83%	10
4.17%	2
Totals	48

12.) 5. In the year 2040, the horizon of the Long Range Transportation Plan, automobile insurance is expected to shrink by how much as a result of transportation technologies? (multiple choice)

10%
20%
40%
60%
80%

Responses	
(percent)	(count)
10.42%	5
20.83%	10
37.50%	18
22.92%	11
8.33%	4
Totals	48

13.) 6. Of the following, which is not really a "thing"? (multiple choice)

Pulse-taker – technology that ensures the drive remains alert and awake and sober in a driverless vehicle.
Dongle – a plug in device that sends information about your car to a to a smart phone app so you can track business miles, fuel use and performance.
Snapshot – a monitoring device used by an insurance company to track driver behavior and set rates accordingly.

Responses	
(percent)	(count)
65.22%	30
15.22%	7
19.57%	9
Totals	46

14.) 7. In 2012, there were only about 180,000 electric cars on the road world-wide (.02% of total passenger cars). What is the expected number of electric vehicles by the year 2020? (multiple choice)

500,000
1,800,000
10,000,000
20,000,000

Responses	
(percent)	(count)
0%	0
6.25%	3
54.17%	26
39.58%	19
Totals	48

15.) 8. The following country has issued a requirement for all gas stations to have electric car plug-in stations by November 2017? (multiple choice)

- Canada
- Japan
- Russia
- Saudi Arabia
- Sweden

	Responses (percent) (count)	
Canada	6.38%	3
Japan	27.66%	13
Russia	0%	0
Saudi Arabia	0%	0
Sweden	65.96%	31
Totals	100%	47

16.) 9. At the end of 2012, there was an estimated 1.7 million members in car-sharing clubs. What are the projected estimates for 2020? (multiple choice)

- 3.4 million
- 5 million
- 8 million
- 12 million
- 16 million

	Responses (percent) (count)	
3.4 million	2.13%	1
5 million	10.64%	5
8 million	29.79%	14
12 million	19.15%	9
16 million	38.30%	18
Totals	100%	47

17.) 10. Traffic congestion is costly in terms of time, money and air quality. Which of the following can be used to improve the flow of traffic? (multiple choice)

- Adding capacity (adding lanes or building new roads)
- Using technology to improve the efficiency of existing roads
- Offering alternative forms of travel (bus, rail, bike, walking)
- Changing land-use patterns to reduce trip lengths or eliminate trips
- All of the above

	Responses (percent) (count)	
Adding capacity (adding lanes or building new roads)	0%	0
Using technology to improve the efficiency of existing roads	2.13%	1
Offering alternative forms of travel (bus, rail, bike, walking)	10.64%	5
Changing land-use patterns to reduce trip lengths or eliminate trips	2.13%	1
All of the above	85.11%	40
Totals	100%	47

18.) 11. Which of the following improvements do you think will have the biggest impact toward reducing crash rates for vehicles? (multiple choice)

- In vehicle technology
- Policy changes such as reduced speeds and bans on texting
- Increased enforcement of existing laws
- Improvements in roadway design
- Driver education and awareness programs

	Responses (percent) (count)	
In vehicle technology	57.45%	27
Policy changes such as reduced speeds and bans on texting	0%	0
Increased enforcement of existing laws	4.26%	2
Improvements in roadway design	12.77%	6
Driver education and awareness programs	25.53%	12
Totals	100%	47

19.) 12. Technology is advancing at a rapid pace. The primary delay in implementing new technology in this planning area is: (multiple choice)

- The average person isn't ready for change
- The really bold technologies aren't ready for prime time
- Programming projects take a while and the life-cycle of a vehicle is long
- The cost of technology is high and funding to deploy new systems is limited
- There is a knowledge gap between available technology and decision-makers

	Responses	
	(percent)	(count)
The average person isn't ready for change	19.57%	9
The really bold technologies aren't ready for prime time	2.17%	1
Programming projects take a while and the life-cycle of a vehicle is long	19.57%	9
The cost of technology is high and funding to deploy new systems is limited	32.61%	15
There is a knowledge gap between available technology and decision-makers	26.09%	12
Totals	100%	46

20.) 13. Which of the following was used in the 2040 LRTP to improve the flow of traffic? (multiple choice)

- Adding capacity (adding lanes or building new roads)
- Using technology to improve the efficiency of existing roads
- Offering alternative forms of travel (bus, rail, bike, walking)
- Changing land-use patterns to reduce trip lengths or eliminate trips
- All of the above

	Responses	
	(percent)	(count)
Adding capacity (adding lanes or building new roads)	0%	0
Using technology to improve the efficiency of existing roads	0%	0
Offering alternative forms of travel (bus, rail, bike, walking)	4.17%	2
Changing land-use patterns to reduce trip lengths or eliminate trips	2.08%	1
All of the above	93.75%	45
Totals	100%	48

21.) 14. I have downloaded the "Vo" to Go app. (multiple choice)

- True
- False

	Responses	
	(percent)	(count)
True	21.28%	10
False	78.72%	37
Totals	100%	47

22.) 15. Growth in the use of electric vehicles will require significant changes to the traditional gas station. (multiple choice)

- True
- False

	Responses	
	(percent)	(count)
True	82.22%	37
False	17.78%	8
Totals	100%	45

23.) 16. The market-place will determine the demand for, and placement of, electric charging stations. (multiple choice)

- True
- False

	Responses	
	(percent)	(count)
True	100%	41
False	0%	0
Totals	100%	41

24.) 17. The implementation of advanced technology and car sharing will have the following impact on the need for major capacity projects in the future: (multiple choice)

		Responses (percent) (count)	
Eliminate the need for new capacity projects (other than those already planned)	(other than those already planned)	12.77%	6
Will significantly reduce the need for capacity projects (other than those already planned)	(other than those already planned)	46.81%	22
Will have a minor influence on reducing the need for capacity projects (other than those already planned)		21.28%	10
Will not reduce the need for capacity projects (other than those already planned)	(other than those already planned)	19.15%	9
Totals		100%	47

25.) 18. The following corridors in the R2CTPO planning area currently have coordinated traffic signals: (multiple choice)

		Responses (percent) (count)	
SR 40 – Granada Boulevard		4.26%	2
US 92 – International Speedway Boulevard		61.70%	29
SR 421 – Dunlawton Avenue		17.02%	8
US-1 – Ridgewood Avenue		4.26%	2
US 17/92 – Woodland Boulevard		12.77%	6
Totals		100%	47

26.) 19. A comprehensive plan is needed to implement advanced technologies that will provide the best benefit to this area: (multiple choice)

		Responses (percent) (count)	
True		97.87%	46
False		2.13%	1
Totals		100%	47

27.) A. Please rate the following statement using a 1 to 5 scale: The agenda was useful. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

		Responses (percent) (count)	
Totally Disagree		6.67%	3
Somewhat Disagree		0%	0
Neutral		6.67%	3
Somewhat Agree		13.33%	6
Totally Agree		73.33%	33
Totals		100%	45

28.) B. Please rate the following statement using a 1 to 5 scale: The information presented was useful. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

	Responses	
	(percent)	(count)
Totally Disagree	0%	0
Somewhat Disagree	2.33%	1
Neutral	2.33%	1
Somewhat Agree	11.63%	5
Totally Agree	83.72%	36
Totals	100%	43

29.) C. Please rate the following statement using a 1 to 5 scale: The objectives for the retreat were stated at the outset. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

	Responses	
	(percent)	(count)
Totally Disagree	2.27%	1
Somewhat Disagree	0%	0
Neutral	18.18%	8
Somewhat Agree	18.18%	8
Totally Agree	61.36%	27
Totals	100%	44

30.) D. Please rate the following statement using a 1 to 5 scale: Overall, the objectives of the retreat were achieved. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

	Responses	
	(percent)	(count)
Totally Disagree	0%	0
Somewhat Disagree	2.27%	1
Neutral	2.27%	1
Somewhat Agree	27.27%	12
Totally Agree	68.18%	30
Totals	100%	44

31.) E. Please rate the following statement using a 1 to 5 scale: The speakers recognized and engaged the participants. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

	Responses	
	(percent)	(count)
Totally Disagree	0%	0
Somewhat Disagree	2.38%	1
Neutral	2.38%	1
Somewhat Agree	14.29%	6
Totally Agree	80.95%	34
Totals	100%	42

32.) F. Please rate the following statement using a 1 to 5 scale: The TPO staff helped me feel welcome. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

	Responses	
	(percent)	(count)
Totally Disagree	0%	0
Somewhat Disagree	2.56%	1
Neutral	0%	0
Somewhat Agree	0%	0
Totally Agree	97.44%	38
Totals	100%	39

33.) G. Please rate the following statement using a 1 to 5 scale: The meeting time was the right length. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

	Responses	
	(percent)	(count)
Totally Disagree	0%	0
Somewhat Disagree	2.27%	1
Neutral	6.82%	3
Somewhat Agree	13.64%	6
Totally Agree	77.27%	34
Totals	100%	44

34.) H. Please rate the following statement using a 1 to 5 scale: Overall, I am very satisfied with the retreat. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

	Responses	
	(percent)	(count)
Totally Disagree	0%	0
Somewhat Disagree	0%	0
Neutral	6.98%	3
Somewhat Agree	11.63%	5
Totally Agree	81.40%	35
Totals	100%	43

35.) I. Please rate the following statement using a 1 to 5 scale: I know much more about transportation technology from attending the retreat. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

	Responses	
	(percent)	(count)
Totally Disagree	2.27%	1
Somewhat Disagree	2.27%	1
Neutral	6.82%	3
Somewhat Agree	20.45%	9
Totally Agree	68.18%	30
Totals	100%	44

36.) J. Please rate the following statement using a 1 to 5 scale: I know what the next steps following this meeting will be. 1 – Totally Disagree to 5 – Totally Agree (multiple choice)

Totally Disagree
 Somewhat Disagree
 Neutral
 Somewhat Agree
 Totally Agree

Responses	
(percent)	(count)
2.27%	1
2.27%	1
9.09%	4
45.45%	20
40.91%	18
Totals	100% 44