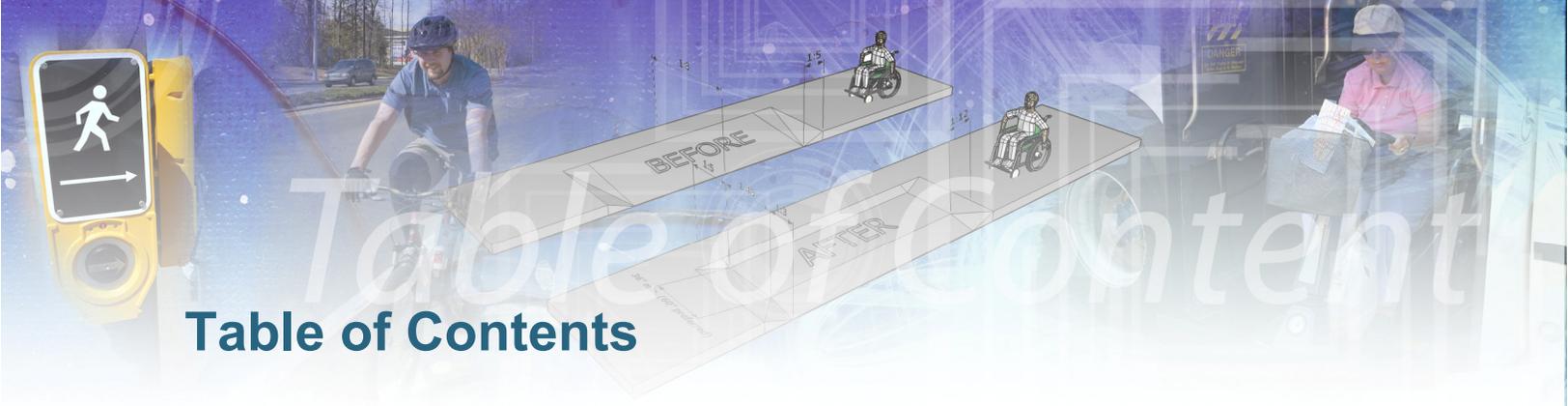


# Statewide Transit Accessibility & Facility Design Course

Summary of Workshops

March 2011





# Table of Contents

Introduction	1-1
Workshop Participants	2-1
Summary of Evaluations	3-1
Recommendations	4-1

Appendix: Evaluation Form Responses



## Introduction

## Introduction

This report has been prepared to summarize the Statewide Transit Accessibility & Facilities Design Course initiated and funded by the Florida Department of Transportation (FDOT) Transit Office. The project focused on providing comprehensive training on how to incorporate transit facilities into roadway, infrastructure, and other improvement plans. In addition, the training also included detailed instruction related to implementing the requirements of the Americans with Disabilities Act (ADA) regulations relating to transit facilities located within State rights-of-way. Finally, the training incorporated various principles for enhancing pedestrian mobility by improving access and safety to transit stops. Another goal that arose through the process was to bring together individuals and agencies responsible for designing, locating, permitting and maintaining transit facilities and to enhance communication and coordination among these parties..

A website was set up specifically for the training program. The site hosted the online registration for participants, as well as additional resources pertaining to the course material, including the *Quick Reference Guide*. The website has had a total of over 2,000 visits, and more than 1,100 unique visitors.

The *Quick Reference Guide* identifies the location of policies, regulations and recommended practices related to transit facilities from multiple resources accepted for use in Florida. The applicable policies and/or standards in each of these resources were reviewed and compared to formulate a single set of design standards and guidelines for transit facilities being placed within a State right-of-way. These standards and guidelines were developed to assist practitioners in identifying regulations and indicate best practices in facility design and implementation. The *Quick Reference Guide* was used as a reference resource during the workshop. Another transit resource, *Accessing Transit*, developed by the FDOT Transit Office, was the base document from which the training course was developed.



## Introduction

Five training workshops and three simultaneous webinars were conducted throughout the state. Information regarding the number and type of attendees and results of the participant surveys are summarized in this report. The workshops took place in the following Florida cities:

- Tallahassee (November 8, 2010)
- Jacksonville (December 14, 2010)
- Tampa (January 25, 2011)
- Fort Lauderdale (February 10, 2011)
- Orlando (February 25, 2011)

The last three sessions (Tampa, Fort Lauderdale, and Orlando) also were webcast live through a GoToWebinar format. The course was advertised through several rounds of emails to contacts compiled from an FDOT database and other resources comprised of county, city, and other agency contact information. Approximately 1,300 invitations were sent, including 40-50 invitations sent to FDOT. FDOT went on to send another 3,000-5,000 total invitations to their internal staff in the Transportation Development and Transportation Operation Divisions within each district and the central office. There was no registration fee for the course.

The make-up of the workshop participants and the evaluations of the workshops are reported in the following sections on a statewide basis. Comments from the workshops and webinars have been combined to represent a comprehensive statewide perspective.. Detailed lists of each evaluation question response can be found in the Appendix. The Appendix lists each response, but has been edited for spelling and grammar.





## **Workshop Participants**

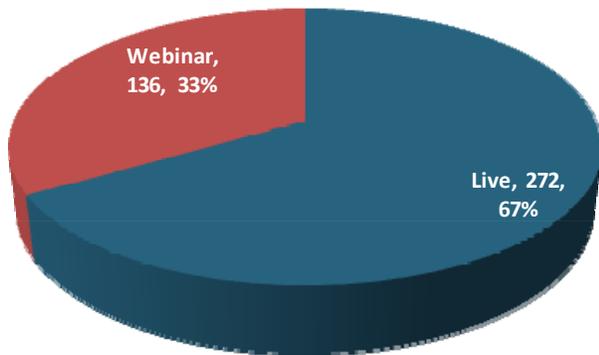
# Workshop Participants

# Professional Safety

The training course was designed for individuals responsible for designing permitting, locating, and maintaining transit stops and the various amenities associated with the transit stops. This list of invitees includes professionals from Public Transportation, Planning, Design, Engineering, Permitting and Maintenance, Construction, and Traffic Operations departments, and other staff from FDOT, local transit agencies, city and county public works departments, permitting agencies, and others as appropriate.

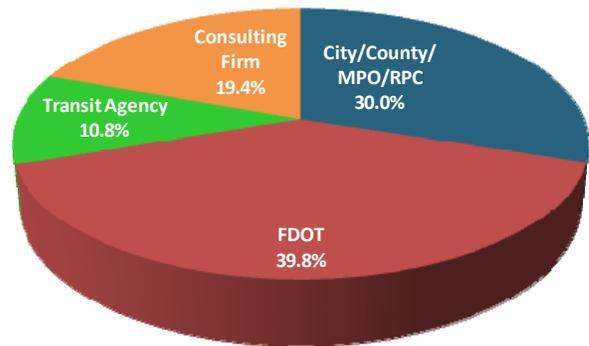
Of the 545 people registered for the training course, a total of 408 people attended either the workshop or webinar. Figure 2-1 shows that 272 people (67%) attended the live workshop sessions, and 136 people (33%) participated via the webinar.

*Figure 2-1: Live and Webinar Participants*



A wide variety of agencies from both the public and private sectors were represented by participants of the workshops. Figure 2-2 shows the proportion of City/County government, FDOT, transit agencies, and private consulting firm employees who attended the workshops.

*Figure 2-2: Agency of Participants*



Approximately 80 percent of participants represented public agencies, including FDOT, the largest group of participants (40%); City, County, Metropolitan Planning Organization (MPO), or Regional Planning Council (RPC) employees (30%); and transit agencies (11%). Private consultants accounted for almost 20 percent of workshop participants.





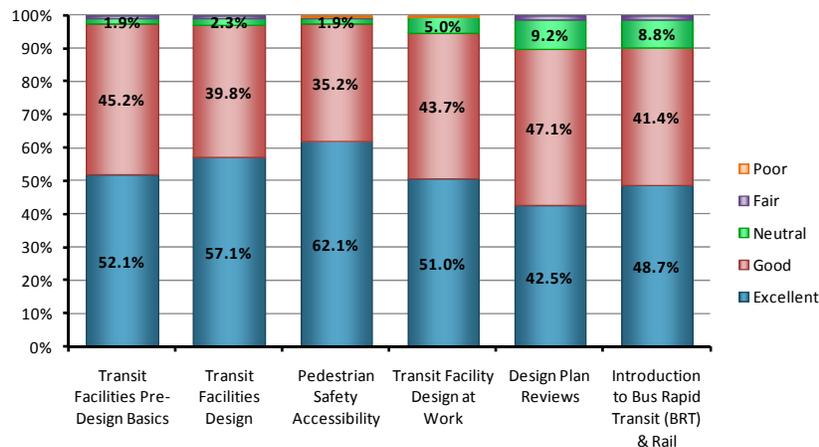
## Summary of Evaluations

# Summary of Evaluations

Participants in both the workshops and webinar were asked to complete an evaluation on their experience. The evaluation form consisted of 12 questions aimed at gauging the relevance of the information presented and the satisfaction of the participants. A total of 261 participants completed the evaluation, representing a nearly 64 percent rate of return.

Question 1 asked participants to indicate their level of satisfaction with the information provided for each module, the instructor's ability to teach the concepts, and the usefulness of the materials provided. Participants rated the six modules as either Poor, Fair, Neutral, Good, or Excellent. Figure 3-1 shows the ratings for each module.

Figure 3-1: Module Satisfaction



For each of the modules, more than 89 percent of the participants indicated that it was Good or Excellent, with the Pedestrian Safety Accessibility module having the overall highest level of satisfaction.

The respondents also had the opportunity to write in comments on their overall workshop experience. The most common responses include:

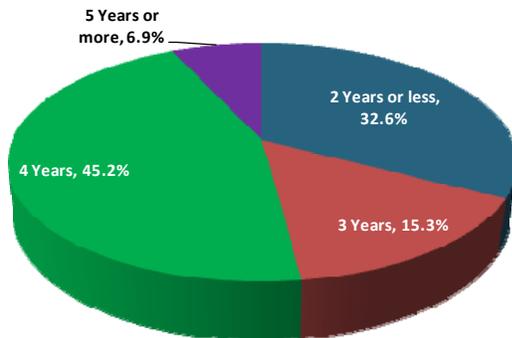
- Full-size handouts would be helpful.
- Presenters were knowledgeable and experienced.
- It was too much information for one day; perhaps spend more time on each module over the course of multiple sessions.



## Summary of Evaluations

Question 2 asked the participants how often the *Accessing Transit* handbook, the resource used as a basis for the workshop, should be updated. Figure 3-2 shows that “Every four years” was the most popular response, followed by “Two years or less.”

**Figure 3-2: Preferred Update Cycle of Handbook**



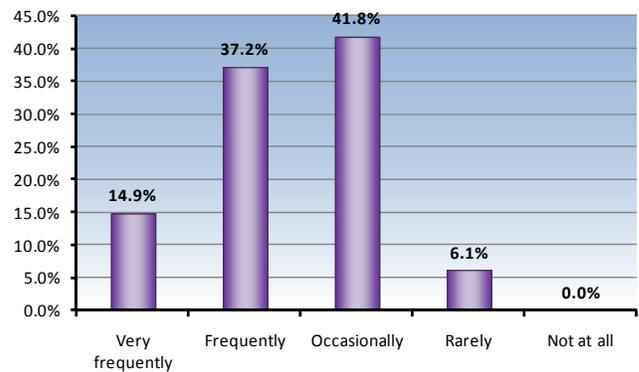
Question 3 queried participants on the length of the workshop as it pertained to the materials covered. They were asked whether the course duration was adequate for the materials covered. The answer options were “Yes,” or “No, need more time (please specify).” About 90 percent of respondents indicated that the length of time was adequate. The remaining 10 percent would have liked more time. The most common comments received regarding the length of the workshop were as follows:

- The workshop should be a 2-day course.
- There was not enough time for questions at the end.

Refer to the Appendix for a full list of responses to Question 3 and all of the other open-ended questions.

Question 4 asked participants how often they would use the materials and information covered in the course. Over half of the respondents, 52.1 percent, indicated that they would use the material “Frequently” or “Very frequently,” as shown in Figure 3-3. There were no respondents who indicated that they would not use the information at all.

**Figure 3-3: Participants' Use of Information**



## Summary of Evaluations

Question 5 asked respondents how, specifically, they will use the information from the course.

The question was open-ended; however, there were several responses that clearly stood out as the most common uses of the information by the participants. These uses include the following.

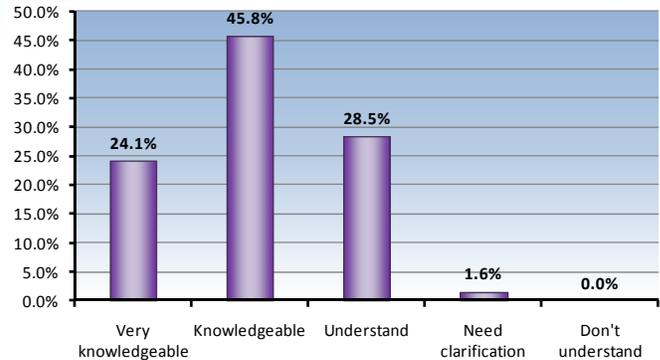
- Design of transit stops, roadways, and pedestrian facilities
- Design review or permitting
- Improvement of coordination on multi-agency projects
- Multi-modal facility planning
- Bus/transit stop assessments

Participants were asked in Question 6 what further information they need to move forward after completing the workshop. Many respondents indicated the need for regular updates when new information becomes available. Increased funding for implementation of the design guidelines was also a popular response, along with cooperation among agencies. A full list of responses received can be found in the Appendix.

In Question 7, respondents rated their understanding of the roles and responsibilities of local agencies for placing accessible transit facilities in the State rights-of-way, based on the information given during the course. Almost 70 percent rated their understanding as “Knowledgeable” or “Very knowledgeable.”

Figure 3-4 shows all of the results below.

**Figure 3-4: Knowledge Level of Information after the Course**

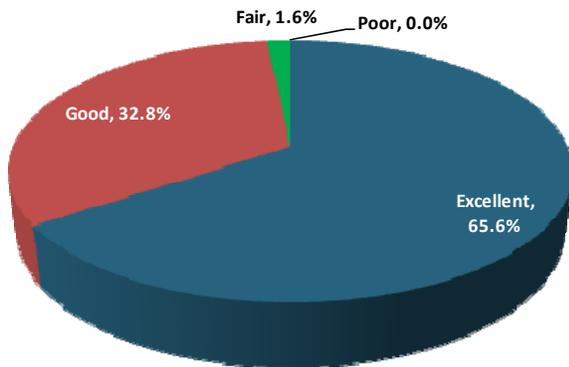


Participants were given the opportunity to provide their thoughts on how the course could be improved in Question 8. The most common response was to provide more photo or video examples of compliant and non-compliant sites and to provide before and after photos of sites that have been successfully retrofitted for compliance. A complete list of responses can be found in Appendix A.

## Summary of Evaluations

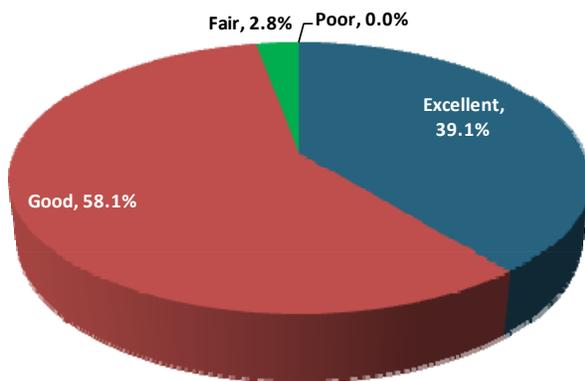
The course's registration process took place online. Question 9 asked respondents to rate this online process and provide comments. About 98 percent rated the process as either "Excellent" or "Good." Figure 3-5 shows the results below.

**Figure 3-5: Online Registration Process Satisfaction**



Of the 253 respondents for Question 9, only 10 wrote an additional comment. Of those 10, only 2 reported having difficulties with the online registration process. Similar to Question 9, Question 10 asked respondents to rate the training course website and provide comments. The results are shown in Figure 3-6.

**Figure 3-6: Training Course Website Satisfaction**



The final two questions asked participants to provide suggestions for the course and identify any additional training needs that would benefit their agency. For Question 11, a common response was to better interact with the webinar participants. There were several comments regarding technical difficulties that interfered with many participants' experience. One solution, and another frequent comment, is to offer more workshops, more often, and in more locations so that more people can attend a live session rather than the webinar. Many comments expressed gratitude and overall positive feedback on the course. However, other negative comments were received regarding the handouts. Many people indicated a need for larger print, while others expressed irritation with being told to print their own handouts, only to see handouts available at the workshops.

For Question 12, respondents identified training needs that would benefit their agency, including mode-specific training such as pedestrian, bicycle, and premium transit. More details on compliance of other infrastructure such as drainage structures, power lines, landscaping, and parking structures, among others, also were requested. Respondents also were interested in learning more about funding options for transit and ADA compliance.

## Summary of Evaluations

The completed evaluation forms have been an essential tool in the comprehensive review of the workshop. While the workshop was generally very well received, several suggestions for improvement were offered and will be considered during future workshops. All comments received, both positive and negative, are listed by question in the Appendix of this document.





## Recommendations

## Recommendations

Several conclusions and recommendations can be made on how the process and course can be improved after conducting five workshops for hundreds of participants and reviewing evaluations of the course. These include:

- Using the web-based registration system worked well and should be used again.
- There were mixed feelings on the individual pre-printing of session materials. The availability and cost of pre-printed handouts should be fully considered for each course in the future.
- To ensure participation of the intended audience, it was beneficial to provide PDH training/certification credits for the completion of the course. Timing of credit cycles also should be considered in scheduling sessions in the future to ensure that the session is offered in two certification cycles instead of just one, if possible. For example, the PDH credit reporting cycle ended at the end of February, so many of the participants already had their requirements fulfilled before attending. If the course had also been offered in March, credits could have been awarded for the new reporting cycle. Offering AICP credits should be considered as well.
- Conducting the live and webcast sessions concurrently was somewhat difficult and limiting. It is recommended to consider conducting the webinars completely separate from the live sessions in the future. Perhaps recording a live session to offer on the web or doing one webinar after the completion of the live sessions would be a better solution to provide additional viewing opportunities for those not able to attend the scheduled workshop and webinar dates.
- Overall, the course proved useful to the participants and was well received. Additional training was a common suggestion by participants, which could be offered through more specific and shorter modules for certain discipline areas. These could be 2-3 hours and presented over a period of time.
- Including more interactive activities would be valuable, but the webcasts made this difficult to accomplish. Separate sessions for live and webcasts would help with this need, as would additional time.





**Appendix:  
Evaluation Form Responses**

**Q1. For each of the following course modules, please indicate your level of satisfaction, regarding the information provided for each module, instructor's ability of teaching the concept, and usefulness of materials provided:**

<b>Answer Options</b>	<b>Excellent</b>	<b>Good</b>	<b>Neutral</b>	<b>Fair</b>	<b>Poor</b>	<b>Response Count</b>
Transit Facilities Pre-Design Basics	136	118	5	2	0	261
Transit Facilities Design	149	104	6	2	0	261
Pedestrian Safety Accessibility	162	92	5	1	1	261
Transit Facility Design at Work	133	114	13	0	1	261
Design Plan Reviews	111	123	24	3	0	261
Introduction to Bus Rapid Transit (BRT) & Rail	127	108	23	3	0	261
Comments (See following page):						48
						<i>answered question</i> 261
						<i>skipped question</i> 0

**Q1. For each of the following course modules, please indicate your level of satisfaction, regarding the information provided for each module, instructor's ability of teaching the concept, and usefulness of materials provided:**

Number	Comments:
1	Very experienced presenters and very organized training.
2	Full sized handouts would be helpful.
3	Request for easements.
4	Good overview, lots of material was provided. Attendees now know complexities of issues and helpful resources.
5	Never heard of the manual until now.
6	Slides too small, need big screen. Handout helps, but it is also small.
7	I learned a lot.
8	Instructors were very knowledgeable, but I was looking/hoping for other types of information.
9	Probably to much info for one day. Not really training for FDOT staff, not especially interactive.
10	I was very impressed with this webinar - and the high level of information provided. Very professional.
11	It was very hard to hear and understand at times.
12	ADA & the current design standards does not address those people who are vertically challenged (dwarfism). Bench heights came to mind during this presentation. --- Just curious.....

**Q1. For each of the following course modules, please indicate your level of satisfaction, regarding the information provided for each module, instructor's ability of teaching the concept, and usefulness of materials provided:**

Number	Comments:
13	Both the material content and delivery were excellent, the only weak points were in the audio, pointer and some technical difficulties for us in the Web end.
14	N/A
15	This course was well done by all the instructors ADA was very well covered! Great job guys.
16	Great overview.
17	Slides could have been more clear, larger.
18	Very good information.
19	Excellent and informative seminar!
20	Very good visual aids (pictures/videos).
21	Make more reference points between handouts and slides.
22	More information should have been covered for crime prevention through environmental design (CPTED) principles. Crime is related to user safety as much as traffic/transit user safety. Also-need more input on maintenance of facilities due to lack of maintenance funding on most projects.
23	Great course.
24	Experienced presenters, moderators gave lots of live examples. Great interactions.

**Q1. For each of the following course modules, please indicate your level of satisfaction, regarding the information provided for each module, instructor's ability of teaching the concept, and usefulness of materials provided:**

Number	Comments:
25	All materials and information was well thought-out and presented.
26	Facilitators were knowledgeable, articulate, and informed about relevant information, all presented well, nice work well organized materials flowed well.
27	Instructors were knowledgeable, prepared, and very good presenters.
28	Is it possible to reduce the course time to 5-6 hours?
29	Some of the information was inadequate. All of the material needed more time spent. Presenters did a poor job of answering questions. Information was interesting, and pictures were very helpful.
30	The course was very informative and in some cases eye opening.
31	Coordinate with FDOT PPM and design std. to update.
32	Very good training.
33	Great review and excellent class, thanks.
34	It was a very good course... it probably need to spend more time in the design aspects, maybe even in a separate session.
35	The course was very informative and well worth the time. ----- For the next question as often as necessary.
36	Very informative, very knowledgeable group.

**Q1. For each of the following course modules, please indicate your level of satisfaction, regarding the information provided for each module, instructor's ability of teaching the concept, and usefulness of materials provided:**

Number	Comments:
37	As an attorney rather than an engineer, some of this was more than I needed or wanted to know.
38	Good F.A.R. explanation.
39	Excellent amount of materials and speakers.
40	Excellent overview of all the various components of transit facilities.
41	Too basic, I don't need to be told how to talk to FDOT for 2 hours.
42	Well done.
43	Due to a conflicting meeting, I could only attend half a day. What I saw was excellent and well-presented.
44	Liked intro to BRT as this is what our agency is going. Good to introduce this to permitting agencies.
45	Excellent in-depth understanding of course material very thorough and detailed presentation by highly knowledgeable speakers.
46	No comments.
47	Good overview.
48	Joel was exceptionally good and at assisting the group, Demian as well.

**Q2. How often should the Accessing Transit Handbook be updated? (Currently done every 4 years)**

<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
2 Years or less	32.6%	85
3 Years	15.3%	40
4 Years	45.2%	118
5 Years or more	6.9%	18
<i>answered question</i>		<b>261</b>
<i>skipped question</i>		<b>0</b>

**Q3. Was the course duration and time adequate for the materials covered?**

<b>Answer Options</b>	<b>Response Percent</b>	<b>Response Count</b>
Yes	90.0%	235
No, need more time (please specify)	10.0%	26
	<i>answered question</i>	261
	<i>skipped question</i>	0

**Q3. Was the course duration and time adequate for the materials covered?**

Number	No, need more time (please specify)
1	Less time.
2	Should spend a little more time on the rapid transit elements like brt and rail.
3	Either cut some info or more time. It dragged a good bit in the afternoon.
4	Too much time.
5	Way too long - same things repeated five different ways, this could be 4 hrs or less.
6	But too long, not more time.
7	I would like to see other modes (all modes) incorporated. All fixed guideways and discussed at detailed level like they did w/buses & pedestrian. accessibility.
8	Afternoon sessions seemed redundant and very repetitive. Less time would be better.
9	I thought perhaps a little less time. Cut or compress info here or there.
10	Since it was an interactive class perhaps it would be better to reserve the questions until after each session. In that way the instructor has time to finish. Some parts of sessions were skipped because too long a time was spent discussing one item such as "truncated domes".
11	We finished early, which meant the material was rushed. The breaks were also too long, which meant we were robbed of our learning.
12	We did not practice the interactive exercises.
13	Very, very useful information provided, but because of time constraints the material was a little rushed.

**Q3. Was the course duration and time adequate for the materials covered?**

Number	No, need more time (please specify)
14	More time needed to answer questions, comments, and or concerns. However, great material/module.
15	Not enough time for questions. Cannot do lunch in 1 hour.
16	Not enough time for questions and answers.
17	At least 4 more hours to allow for participation.
18	Had a lot of input, might want to make a 2 day class.
19	Yes, it fits the busy schedule we have to face daily.
20	Better coordination of live webinar interaction will class.
21	Didn't see videos/interactive exercises. Hard to do in one day with participation.
22	Should be at least two days.
23	Too long.
24	Need more hand-on training and more examples.
25	Not enough time for questions.
26	More focus and time on current/future and/or cutting edge tech. system, i.e. high speed rail, ITS, BRT.

**Q4. How often will you use the materials and information covered in this course?**

Answer Options		Response Percent	Response Count
Very		14.9%	39
Frequently		37.2%	97
Occasionall		41.8%	109
Rarely		6.1%	16
Not at all		0.0%	0
<i>answered question</i>			<b>261</b>
<i>skipped question</i>			<b>0</b>

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
1	I will use this information rarely. Took this course thinking it would explain design a little bit more.
2	I will use this info in my work to improve pedestrian safety and multi-modal options.
3	I will use it to make our trolley stops much more safe.
4	to better understand transit needs as part of the multimodal/intermodal urban transportation system.
5	Helping our trolley routes become ADA compliant.
6	In design.
7	Design.
8	Reference.
9	Answering District questions.
10	the ppm will refer us to other manuals with the website link. this material will be used as much as the ppm is used.
11	for all the design reviews.
12	I review plans. the information will help in the urban areas.
13	the material is not directly related to my current responsibilities, but will help me in overall coordinates of transit projects.
14	plans review, coordinate with local agencies.
15	Transit stop design. BRT design.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
16	Design.
17	Coordination of FDOT roadway improvements w/transit agencies.
18	Designing sidewalks and bus stops facility for roadway projects.
19	I am the permits mgr (FDOT) for St. Johns and Putnam counties. I will use it to coordinate w/the counties as these facilities are placed in the row.
20	In transit design, and other roadway designs (particularly ADA).
21	Mainly on design projects.
22	In design and right of way determinations.
23	I anticipate more frequent construction plan submittals to my local government for these types of facilities. This will assist in as the reviewing/approving authority.
24	I program the FDOT resurfacing projects and transit facilities are an issue that needs to be considered in project scoping.
25	To coordinate with other agencies when working on difficult projects.
26	For reference.
27	Mostly to improve coordination with state and local agencies involved in road and sidewalk projects.
28	Engineering design/planning BRT projects.
29	All materials will be reviewed before and during applicable design projects.
30	ADA used on nearly every roadway project. Specifically, working on a BRF project for JTA and will apply immediately.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
31	Working with Transit Authority.
32	Permits inspection on SROW for FDOT.
33	Above designs will use more frequently. I want to direct more people from my firm to this course. The designers will benefit.
34	I will apply it to my design projects as needed.
35	I will use it for design of our roadway projects.
36	Review of new development proposals.
37	More discussion with JTA on better placement or better design of bus stops during operational reviews (or RSA's). More thorough review of 3R plans involving bus stops.
38	Permitting activities.
39	Design review, permits
40	Consulting with transit planner on location and designs of prepared bus stops.
41	Comprehensive Plan Review, development review and TDP review.
42	The information will be used as a reference guide and for design examples.
43	On the job.
44	Multi-modal (road, transit, bike, pedestrian) facility planning and design.
45	Design and implementation.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
46	Growth Management and Planning.
47	Project review, traffic impact analysis, and permit review.
48	Reviewing plans and assisting agencies requesting info on traffic signal permitting.
49	During plans review and coordination with the local municipalities.
50	During plans review and coordination with the local municipalities.
51	In design.
52	When designing routes and the placement of bus stops.
53	In providing transportation alternatives for our public.
54	I watched via webinar.
55	For a Downtown mobility planning study.
56	I often like to guide developers who want to use transit as mitigation to a reference guide for preferred design standards. It is good to know when the document is updated.
57	In the course of developing roadway design plans, we will be incorporating transit and accessibility features.
58	Coordination of location of bus shelters w/utilities within R/W.
59	I assist with the placement of bus shelter installations with the city, county, and Transit entities to ensure they meet FDOT and ADA standards.
60	For the past seven years I was in Public Works: design, review and collaborate with Transit for ADA accommodations of sidewalks and bus stops.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
61	To keep track of transit issue in our district, if and when needed.
62	Coordinate with a roadway designer when doing lighting plans to make sure there is lighting by bus stops.
63	I will use the material in my presentation to the DOT during our presentation on Resurfacing projects in urban areas will transit facilities.
64	Modifying our standards.
65	When reviewing a project with transit stops, bus stops.
66	RRR projects in FDOT current year work program were identified in the presentation as the optimism time for ADA upgrades.
67	Review FDOT plan to verify that we are ADA compliant and transit coordination.
68	Permitting bus shelter placements for HART.
69	To provide technical direction with scoping.
70	Design of roadway plans for D7.
71	I will use the information while reviewing proposals for new transit steps and planning local bus and BRT services.
72	I am a planning engineer that does some design/review/consultant over-sight of Pedestrian Improvement Projects.
73	As a designer/PM I will be able to reference the handbook during the design process to provide/coordinate transit facilities and ADA implementation.
74	This is great reference information-I am relatively new to working with transit, so thank you very much.
75	To design safer intersections and bus stops.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
76	Yes
77	To assist in design.
78	Bus stop assessments.
79	Utilize the information from the course materials and the various related legal documents for inspections of existing structures.
80	RRR projects with FDOT, county, and city local roadway improvement projects.
81	In our current projects, HDR has BRT and light rail studies currently going on.
82	During review of plans.
83	Pasco County has projects in planning.
84	We are designing bus shelters.
85	As a reference info as my position on ADA coordinator/traffic engineering.
86	During the RRR project on urban area I can use the materials on bus pads/bay.
87	Sidewalks, bus shelter designs, curb ramps, crosswalk designs.
88	mobility management and bus stop accessibility.
89	Traffic design, accommodation for bus stops, pavement markings, coordination w/local agencies.
90	RRR project, new construction, sidewalk improvement.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
91	To review plans and scopes.
92	Yes
93	My current and future career goals.
94	Further educate myself.
95	Providing consultant services to agencies, FDOT, others, private/public clients.
96	Project Development / PD&E.
97	We will use this to evaluate existing bus stops and recommend improvements to local agencies.
98	Reference guides, ability to share w/other groups, more things to consider in pedestrian. safety.
99	Have a better understanding of design process as it relates to transit to be able to better explain environmental impacts, when applicable, to environmental permitting agencies when the impacts need to be justified.
100	I will serve as a source of guidance to my transit agencies in DT.
101	For project development, design, construction, into operations.
102	Options to look at during design on projects.
103	In program and project development as well as in compliance and oversight responsibility fulfillment.
104	Engineering Design.
105	To ensure transit and pedestrian facilities are planned, designed, and constructed correctly.

**Q5. How will you use the information from this course and the materials provided?**

<b>Number</b>	<b>Response Text</b>
106	Within the design process.
107	For design.
108	Design guidance for bus stops.
109	Site plan review for county reviews of proposed projects.
110	For Roadway Design.
111	I have several grants for bus shelter design.
112	As Sarasota County engages in design contracts with consultants, ensure that these standards are incorporated into transit related facilities as part of roadway, transit and other related projects.
113	Reference material.
114	As a PM for roadway design, I will constantly be checking the standards during plans review.
115	In development and county project review.
116	The material will be used in the design of future shelters and bus stops.
117	For planning and design of bus stops and shelters.
118	Mostly as a reference at this time.
119	In construction, and later when I transfer to Design.
120	Permitting in the ROW.

**Q5. How will you use the information from this course and the materials provided?**

<b>Number</b>	<b>Response Text</b>
121	During my activities of design and plans reviewing of work.
122	Source of information on how to include ADA and basic design requirements in roadway facilities.
123	Improving transit and pedestrian facilities.
124	Day to day as part of my job function.
125	In everyday work involving transit related projects and/or road improvements.
126	Agency construction design review, and planning.
127	Design of bus shelters, transit hub, and with design of Sr. Resource Center.
128	FDOT RRR Projects.
129	Use the reference rational during design process think safety during design process.
130	To design frame systems that take transit needs into account.
131	Plans review/ADA.
132	For buses and construction and permit approvals.
133	In designing, locating workers, etc.
134	I am a plan reviewer working for the maintenance specs, I will use the provided material and information often.
135	Apply it on must pagers.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
136	Mostly to bus stops/bus shelters accessibility design.
137	May not be applicable to me currently.
138	To develop and include standard ADA into 3 R projects.
139	In reviewing R/W use by other agencies.
140	Our in-house roadway team occasionally assists local transit staff with minor design of impotents. The material will be more helpful to assess safety on the roadways.
141	For plan reviews.
142	Material in this course will be used in reviewing plans for upcoming road and bridge construction projects, as well as determining compliance of ongoing road and bridge construction projects.
143	ROW Use Permit reviews & site plan reviews.
144	In the development of transportation infrastructure PS&E.
145	Designing concrete bus pads & bus bays on several roadway projects. Also coordinating efforts between Transit owners, the client, and myself (the consultant).
146	For design work.
147	During Design.
148	Reinforce knowledge in planning and design of transit facilities.
149	As a designer (roadway) I will be using these materials during several projects.
150	For our design and PD&E projects related tasks.

**Q5. How will you use the information from this course and the materials provided?**

<b>Number</b>	<b>Response Text</b>
151	For design issues.
152	Bus stop plans review and RSA.
153	Reference on future projects.
154	In designing state roadway projects.
155	In design of pedestrian ramps, bus bays, and bike facilities (bike lanes and shared use parking).
156	For new projects.
157	When managing projects in D4.
158	Design/Plans Review.
159	Transit Planning projects.
160	Reference material for evaluating TOD joint use, conceptual plans
161	Corridor Studies, scoping of roadway projects, assessment of existing transit routes and services.
162	To ensure that the facilitator that are permitted by my office meets the latest and applicable standards specs and available guidelines.
163	Reference for design.
164	I have a project that require to construct in bus bay shelter, so therefore, all of today's review and material are very useful.
165	Permit Review.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
166	Sidewalk maintenance and construction pavement markings, permitting.
167	As the traffic engineer for the City of Hollywood, I am responsible for the placement of transit facilities within the municipality.
168	We will use the information in designing new transit facilities and evaluating existing facilities.
169	I have to review site plans for transit opportunities.
170	Used as supplemental knowledge.
171	As part of my Consultant Project Management review of projects.
172	As a reference occasionally.
173	Collier County Road Maintenance is always improving areas to meet ADA compliance. We will use this to coordinate and to insure proper compliance.
174	Will use on road design work effort on ADA requirement.
175	Share with staff agencies.
176	Identification of improvements read on state roads and coordination assistance/ideas for transit agency input in project scoping.
177	To review roadway plans and projects.
178	When LYNX contacts the city to submit shelter applications. Job coordination w/LYNX. Planning/landscaping.
179	Future discussions on corridors for W.P. projects.
180	To permit LYNX right of way utilization applications.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
181	Master redevelopment and long range transportation planning.
182	As developers submit plans we will refer for best practices.
183	To review placement of bus stop and benches on FDOT RW when location noted.
184	City is approved for multimodal under SB360 transit on 3 multimodal corridors are planned. Working w/VOTRAN to setup redevelopment districts in order to use TIF to support transit operations.
185	While reviewing permits.
186	This information will be used in VOTRAN's passenger amenities program.
187	Transit design, roadway design, sidewalk design.
188	To the review and permitting of bus shelters and pedestrian facilities.
189	Used as reference documents for plans review and design.
190	plan review. Occasionally as we do not review a large amount of transit facilities, but we do address ADA issues on almost every project.
191	For my job
192	Understanding of projects.
193	Make sure that plans are compliant to ADA standards.
194	2
195	Reference for plans reviews.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
196	It will be applied to FDOT widening and resurfacing projects.
197	Project development.
198	As a reference when upgrading a road system.
199	Existing bus stop improvement, future bus stops and long range planning.
200	To play better and contact more people to review.
201	Improve bus stop amenities and access to the VOTRAN service.
202	Design of transit lane.
203	ROW permitting concerns.
204	Plans, reviews, inventory, compliance.
205	I am responsible for roadway plan review, shelters & stop amenities. Will be used as part of my daily work.
206	Ensure when I do final inspection on a job that the choices for ADA are some construction is used.
207	ADA and cross walk design.
208	Will apply to future design that I will be doing.
209	Pre-con and permit inspection.
210	Guidelines for future transit lane widening project and bus stops on capital improvements, pedestrian safety.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
211	Plan review of shelter permit in R/W.
212	Consultation w/redevelopment clients.
213	Information will be used to determine transit strategies for projects that are in the county's alter mature mobility areas such as bus stops, pedestrian crossings, crosswalks, etc.
214	Occasionally I face questions about FDOT maintenance's responsibilities as far as transit facilities are concerned in the departments right of way. This course will help me to address most of those questions.
215	During design activities.
216	As guidance with review of roadway concepts and construction plan review.
217	As a resource in new local transit projects.
218	Very good reference material for any transit/pedestrian related projects.
219	Better prepared to address transit issues on projects prior to finalizing scope of the project to ensure we do the best we can to develop transportation projects that meet needs of the client.
220	The info will be used for design project coordination and scoping activities.
221	Provide better outreach to include project shareholders: design will assist me in day to day activities, bring back lessons learned to internal staff to fix and implement when feasible (funding, ADA compliance).
222	Design of major development projects with multi-modal systems.
223	Community on roadway plans and reviewing stop locations.
224	Planning with multi-modal studies and districts.
225	I will use the information from this course in the roadway plans.

**Q5. How will you use the information from this course and the materials provided?**

Number	Response Text
226	The material will be used for sidewalk and bus transit design and repair guidelines.
227	During Design Phase and Public Involvement activities.

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
1	Regular updates when new info becomes available.
2	Regular Updates.
3	Nothing specific at this time.
4	An ADA compliant plan.
5	None
6	Online downloadable format of handbook.
7	Real life seminar.
8	I know have information at my fingertips.
9	You have all the materials available and will update the manuals based on the new research similar to ppm.
10	I need to know what is required. Most of the time I don't have any problem when I make requests of designers, but sometimes I need to convince them and use backup, information, laws and rules
11	More internal communication.
12	Utilizing and understanding the current guidelines and references. Permitting assistance from FDOT.
13	Incorporation into design standards (FDOT and local).
14	Nothing at this time.
15	I would like more info and funding responsibilities for providing transit facility upgrades.

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
16	None.
17	Final design of B&A pads.
18	These documents are sufficient for now.
19	Better coordination between agencies.
20	Me: nothing Designers: need more courses with details.
21	Setup meetings with the Transit Agency - JTA.
22	Access to updated information.
23	Keep up with new state standards.
24	Cooperation of transit plans between multiple jurisdictions. Mobility plan reviews.
25	Funding.
26	Money.
27	More detailed information.
28	Funding.
29	How does transit affect vehicular mobility?
30	Gaining a better understanding of how to determine ridership (forecasted vs. realized). Impacts and review of BRT Facilities and TOD's.

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
31	Better info on traffic signal priority (specifics).
32	Better procedure for coordination with locals I more control over DOT R/W when it comes to bus rails, etc.
33	I have all I need.
34	The cooperation with the city, county.
35	More hours in the day, more staff - budgetary cutbacks are killing us.
36	Nothing.
37	Reference materials.
38	Design and Construction guidelines.
39	1. Updates on rule changes such as 14.20. 2. An updated copy of the Accessing Transit Design Book. I currently have the 2004. Now I know where to go for the new one.
40	just a little confirmation that the information I am providing to the various entities is correct, especially in regards to ADA compliance.
41	I would promote the transit coordinator's attendance at a utility design coordination meeting.
42	At this point nothing.
43	"A uniform Minimum Standard" for clear pedestrian paths, as there are too many Federal, State, local, ADAAG, and other applicable codes, guiding and mandating different widths.
44	More details on process for getting variance where geometry is tight.
45	The materials provide is adequate.

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
46	More work.
47	Coordination of where to address the sort fall of transit agencies with FDOT guidance too displaced now.
48	Money.
49	Nothing else.
50	The Britt Hardy "Boarding & Alighting" detail design, in electronic format.
51	All references where to find the info. as needed.
52	More general knowledge over all on transit planning, finance, programs, and add how to.
53	Recognition of training team that ROW is a partner in this too. Also, property management offices within one state, county, and city, should have programs that allow use of surplus property for transit.
54	Where to find updates to the standards and requirements.
55	Money.
56	Periodical review of all materials relative to projects.
57	Continuous training and exposure to the material and resources.
58	Apply latest knowledge whenever possible.
59	Additional follow-up.
60	The ok.

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
61	Nothing at the present time.
62	Keep us informed of any updates to the current standards.
63	hard copy of the accessing transit book.
64	Become very familiar w/guidelines to ensure access agility and minimize litigation.
65	More involvement and use of landscape architecture/urban design professional services. Engineers don't do everything that is part of Transit design, nor should they. Use a multidiscipline approach.
66	A transit or pedestrian access project to work on.
67	Some practical examples of retrofits.
68	Nothing really, this was mostly FYI. My role has limited involvement in transit.
69	Safety and security training for fixed guide ways. Planning in fixed guideways, and transit accessibility design (in detail) for fixed guideways.
70	Updates to information as it evolves or mandated.
71	More flexibility in regulation.
72	Funds to implement the "bus bench" letter.
73	Keep me on mail list for updates.
74	Nothing.
75	Nothing additional.

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
76	Checklist for site plan review.
77	Funding.
78	I appreciated the "Quick Reference Guide"; this is going to help at lot with plans review.
79	Clarification on what responsibility the County has in enforcing ADA compliance of private development during plan review and on site inspection.
80	I think the information provided will be helpful for me to move forward with my needs.
81	More technical points on requirements for bus stops.
82	Nothing at this time.
83	Details on how to handle construction tolerances, and what to do in design when the existing conditions are nothing like that of the Standards.
84	Applications.
85	Maybe some assistance in critical cases.
86	Supervise the use of all this elements in the design and construction phases.
87	Keep up to date w/standards and regulations.
88	Funding will be the biggest challenge.
89	Know right people involve more during design/initial engineering process. Training.
90	To look into specific restraining situations that happen in our districts. We know the standards, but when you don't have the standard field conditions is when we need clarification and guidance.

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
91	All the sources of information develop templates.
92	Coordination w/every attachment.
93	Clear answers to individual problems on projects.
94	Broad guidelines.
95	Nothing.
96	Nothing.
97	Need a map showing the future/non-compliant transit locations and the requirements need to be added in the LDC.
98	Practice and application; learning by doing.
99	Project involving transit interface.
100	I should be good now, just waiting to get a copy of the presentation.
101	I think it was well covered, and I should be able to do my project, while meeting the accessibility needs.
102	None
103	A centralized/single source to know about all transit related projects planned for near/long term future.
104	Offer similar courses.
105	References are just great.

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
106	More information about how/where/when to plan transit routes, possibly more on coordination with LRTP.
107	Latest information, also, example situations and results.
108	I believe I have all the tools I need. Thank you.
109	More TOD evaluating type training. I will check <a href="http://www.floridatod.com">www.floridatod.com</a> .
110	GIS area maps and microstation license.
111	The latest transit facilities guide.
112	During the design it will be helpful if the construction representative have some input. I would think that would be a good thing.
113	Have latest information readily available via web.
114	I need to be made aware of any changes that occur to the guidelines or standards.
115	Ensure that I follow proper guideline from FDOT.
116	More training related to transit planning would be helpful.
117	nothing
118	More research from provided web sites to comply and coordinate.
119	I will need a copy of the Handbook.
120	Get roadway engineers to consider transit in developing their designs.

**Q6. In your role, what do you need to help you move forward from this point?**

<b>Number</b>	<b>Response Text</b>
121	Demonstrated success/data for transit supportive improvements such as TSP and green jump lanes.
122	Know who key players at FDOT are for variety of issues, know/learn FDOT "speak".
123	Need buy in from design and traffic operations.
124	Can't think of any.
125	Clearly illustrated options.
126	Minimize rules standards and requirements of facilities built on FDOT R/W.
127	FDOT contacts and convincing district 5 of transit and other non motorized options for application to state roads.
128	The roles of all agencies in maintenance construction, and design of transit facilities.
129	Check to see if there is a current bus stop or will this permit project require a bus stop later on.
130	I would prefer FDOT's involvement or approved in permitting process to ensure ADA/FDOT requirements are met at time of construction/installation of shelters, benches, stops, etc.
131	To know where to find the information handout during the course to use it as reference.
132	nothing
133	Time and experience.
134	I am good.
135	2

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
136	An FDOT policy on when FDOT pays for improvements (new CST?) and when the transit agency must contribute to access costs.
137	No needs.
138	Nothing.
139	Money to complete projects.
140	A better complete check list on installing a bus stop shelter.
141	Consistent early coordination, local permitting agencies need to be fully aware of rules re: bus shelters.
142	Projects and need
143	Start applying what I have learned to my daily tasks.
144	Study and get familiarized with ADA standards, FDOT standards rule 14-20 FAC.
145	Assessing traffic impacts and determining appropriate public transportation strategies to mitigate adverse conditions.
146	Some additional information seminar like this.
147	Keep current with regulations promote mode projects to upgrade roadway facilities.
148	A more transit savvy governor in office.
149	Maybe transit agency contact info.
150	Performance are sufficient as given.

**Q6. In your role, what do you need to help you move forward from this point?**

Number	Response Text
151	How to speak through some language of FDOT and have to know that a project is being stopped.
152	From this point I have the reference websites.
153	Meet internally about how to use the information provided.
154	The information provided was sufficient.

**Q7. Based on the information given during the course, rate your understanding of the roles and responsibilities of local agencies for placing accessible transit facilities in the State right of way.**

Answer Options		Response Percent	Response Count
Very	Very knowledgeable	24.1%	61
Knowledgeable	Knowledgeable	45.8%	116
Understand	Understand	28.5%	72
Need	Need clarification	1.6%	4
Don't	Don't understand	0.0%	0
<i>answered question</i>			<b>253</b>
<i>skipped question</i>			<b>8</b>

**Q8. How could this course be improved?**

Number	Response Text
1	If advertised as a design course it would be a little more helpful to go into practical design issues as far as facilities (on and off FDOT row).
2	Have no suggestions currently.
3	Nothing.
4	No suggestions.
5	More discussion on purely ADA compliance issues within the right-of-ways (i.e., private, local, state, et al).
6	Keep as is, good job.
7	Less time spent on transit stations.
8	Add a software overview.
9	Well laid out course.
10	Very good as it is.
11	Very good course. Full size or color handouts would have helped.

**Q8. How could this course be improved?**

Number	Response Text
12	Bigger graphics to see or use multiple screens, microphones for speakers.
13	Perhaps a couple of design examples.
14	I don't have any suggestions, very well organized and enthusiastic instruction.
15	No improvements.
16	Create/Design a manual for all attendees.
17	Maybe more on points of contact for various FDOT involvement in projects. Utility impact on transit shelter installations.
18	Move real life examples and photos.
19	None
20	None
21	Time will improve this course. Some of the design criteria seems to vary from case to case.
22	More hands on activities - field visit.

**Q8. How could this course be improved?**

Number	Response Text
23	None
24	2 days, more interaction w/agencies.
25	Good overview of accessing transit.
26	Good now,
27	More time/2-day course possibly,
28	Spend less time on the opening sessions. We spent too much time on the morning session and had to rush the afternoon session.
29	Exercises of groups for specific situation,
30	Shorten bus topics focus more on other means of transit.
31	It thought it was good.
32	Having more classes,
33	I thought it was very good.

**Q8. How could this course be improved?**

<b>Number</b>	<b>Response Text</b>
34	More exciting speakers.
35	Not sure.
36	Feature "best practices" from projects that had difficulty of implementation.
37	Work out some of the kinks for online viewing. Missed the video.
38	Not sure at this time.
39	Went very well! So nothing.
40	Just the technical support for power point, audio, and web access to the Webinar.
41	Material was covered in-depth and I don't see anything that needs improvement.
42	Find ways to shorten the approval process.
43	Course could use more examples of design/planning process and procedures.
44	Include the transit agencies when developing the training because the inquiries were very close to slamming FDOT for placing requirements conflicting to that of the transit agencies.

**Q8. How could this course be improved?**

Number	Response Text
45	Possibly could show actual design plans with before and after pictures. Tell actual stories of issues and how they were resolved.
46	It is good as is.
47	Explain ADA review coordination process better. Does it occur during regular design review process/ERC?
48	Explain a little more how DOT can coordinate and to what extent w/transit facilities.
49	Not sure.
50	Provide more examples of good designs and poor designs.
51	I can't think of any, great! For the time frame.
52	Profile members with an updated, accessing transit design, downloads @ each session. If one is not available, share that information.
53	Can't think of any.
54	Keep material updated.
55	Shorten it! This material does not need to be an all day affair.

**Q8. How could this course be improved?**

Number	Response Text
56	Hard copy accessing transit.
57	Is good as it is.
58	Think you have a good product.
59	It was fine.
60	Excellent workshops with different speeches.
61	Maybe no so long.
62	Provide more interactive/questions and quizzing of participants.
63	I attended online. Some functions were not working.
64	Allow or invite successful agencies (like MDT or LYNX) to present their techniques and how they successful.
65	No suggestions at this time. Well, maybe one: Identify funding resources to achieve compliance (the bus bench letter).
66	Thought it was well done w/excellent facilitators.

**Q8. How could this course be improved?**

<b>Number</b>	<b>Response Text</b>
67	Not sure.
68	Revamp the afternoon session.
69	More information on existing state and local requirements.
70	During our webcast, the audio on our phone faded in and out throughout the webcast. Do not know if trouble was on our end or source side.
71	Using Skype or some other service to be able to see the presenter for those viewing the course remotely.
72	The format was just fine. The only thing was the audience could not be heard very well, so if someone would like to speak, perhaps an external microphone should be given.
73	The course material and instructors were appropriate for the course. However it was very difficult to hear the audio questions from the audience. It would be helpful to have the audience speak into a microphone so that the remote participants on webinar could hear the dialog and questions.
74	Perhaps show more where to find the requirements.
75	I have nothing to add.
76	Spend adequate time covering the material (no 1/2 hour breaks, 1:15 lunch), and answer web questions.
77	Everything could be improved.

**Q8. How could this course be improved?**

<b>Number</b>	<b>Response Text</b>
78	Introducing some practical exercises.
79	Going into typical issues that agencies face when placing or improving transit/pedestrian facilities and going more into best practices and bad practices.
80	Inclusion of more specific deficiencies and the design solutions that was used to meet the requirements of ADA.
81	Some before and after photos of bus stops that have been improved. Broward County transit has photos that will be willing to supply.
82	Quick reference guide could be better organized to access information faster.
83	More time provided to course.
84	Involve roadway designer.
85	No improvement needed.
86	Need to allow for more time for discussion and approach the course w/some agencies to each district and the constraints that exist.
87	The room temp. was to cold for me, maybe not your fault.
88	So far very good.

**Q8. How could this course be improved?**

Number	Response Text
89	This course should be person to person with some one who can make a decision on issues and not tell us the standards.
90	You may need some input from RW Admin about acquiring property and the timescales involved (up to 2 years) to meet full functional design specs.
91	See first comment above.
92	The course should be split into two parts. The design of bus / rail stations is not something I will be involved in. I am guessing this is true for a good number of the attendees.
93	Include approved/current PD&E studies showing the transit route & stations and link to the website with the above information.
94	This is hard to say at this time. Once we apply it then we can find what wasn't addressed.
95	With more interaction from the audience.
96	Maybe show more photo slides of existing bus stops that are not up to code, and have attendees guess what the issues are.
97	Show it to more Transit Authorities.
98	Better coordination for webinar.
99	Add a module about funding sources for transit projects.

**Q8. How could this course be improved?**

<b>Number</b>	<b>Response Text</b>
100	Long time for discussion different topics.
101	Correct slides there was some misleading designs
102	More examples of the locations in compliance and non-compliance.
103	More discussion on rail accessibility, further discussion on BRT would be useful.
104	Do a separate webinar, not as a part of the in-person course. Their questions were sometimes disjointed from what we were discussing in person in the class.
105	Specific answers to questions regarding bus stops in D6 (Miami-Dade/Monroe Counties) (Examples).
106	More time for questions and discussion.
107	Be longer, have more examples situations and how they are resolved.
108	Should include PPM Requirements, presenters no little about issues facing southeast Florida.
109	Eliminate design plan review section.
110	Add another day so that material isn't rushed.

**Q8. How could this course be improved?**

<b>Number</b>	<b>Response Text</b>
111	Hard to say.
112	Everything that I observed was excellent.
113	The pace of the course was slow in some areas and lighting fast in others...it would be nice to have a better pace in the future.
114	I do not feel that it needs to be improved.
115	The course was fine, but as a local government attorney not involved in transit and land use on a daily basis, this was somewhat more than I needed. It was however helpful.
116	I thought your webinar was very helpful.
117	Update as MUTCD may improved your effort.
118	Include short acronym list with handouts.
119	More audience interaction.
120	More detail of actual projects and local issues.
121	TLOS & sidewalk coverage LOS to support transit.

**Q8. How could this course be improved?**

<b>Number</b>	<b>Response Text</b>
122	Include private engineering firms in this training.
123	Provide a glossary of the different acronyms and codes for guide reference to module a/handouts refer to glossary by transit book.
124	Always there are room for improvements.
125	A few more good and bad examples might be of help. Course seemed pretty well designed.
126	Home Work and test.
127	More examples from around the world.
128	2
129	Why is this a required response item?
130	No suggestions.
131	none needed.
132	Have detailed drawings on stops options.

**Q8. How could this course be improved?**

<b>Number</b>	<b>Response Text</b>
133	Keep us update of new resources thru your website.
134	More emphasis on departmental/agency coordination, FDOT procedures.
135	I cannot think of anything.
136	Maybe videos of peds/bicycles in use, mode animation case studies of improved facilities.
137	Invite key FDOT & local employees with specific knowledge in design, traffic oper., and construction.
138	I really liked the examples and interactive exercises where we could apply what learned more of those would be nice.
139	This course ok as intro more detailed course (s) should follow.
140	Figure out a better way to point to things on screen.
141	Make it more clear where department/county/city staff are responsible vs. transit agencies. Some pics of led examples make dept. staff think its transit.
142	Maybe some more examples and videos.
143	No improvement needed.

**Q9. How would you rate the online registration process?**

Answer Options		Response Percent	Response Count
Excellent		65.6%	166
Good		32.8%	83
Fair		1.6%	4
Poor		0.0%	0
Comments (See following page):			10
			<i>answered question</i> 253
			<i>skipped question</i> 8

**Q9. How would you rate the online registration process?**

Number	Comments:
1	Was not clear to consultants that FDOT/Municipality sponsor required. Not informed until after registration.
2	I had difficulties getting online, I could not log in and the instructions did not offer the alternative that actually got me in a few minutes late.
3	Easy - good to have the calendar invite sent to us.
4	Didn't like printing my own course materials.
5	I was registered in Tress, and anything that I was supposed to have was given at the presentation, except the Accessing Transit book.
6	No comment.
7	Some sound issues, but not too bad.
8	Good registration method.
9	Administration registered for me.
10	No problems, several follow-up e-mails were helpful.

**Q10. How would you rate the training course website?**

Answer Options		Response Percent	Response Count
Excellent	Excellent	39.1%	99
Good	Good	58.1%	147
Fair	Fair	2.8%	7
Poor	Poor	0.0%	0
Comments (See following page):			14
			<i>answered question</i> 253
			<i>skipped question</i> 8

**Q10. How would you rate the training course website?**

<b>Number</b>	<b>Comments:</b>
1	Don't know.
2	I am recommending it to others here at the office.
3	Didn't view website.
4	N/A, did not see.
5	None.
6	Did not log on.
7	It would be nice to have all pages of the PPT. The notes pages are difficult to read.
8	No comment.
9	Not sure yet sounds like it has a lot of good information.
10	Materials and downloading great.
11	Very good course.
12	Attended live course.
13	I have not visited the site yet.
14	Good presentation of materials and follow up e-mails.

Q11. Any other comments or suggestions on this course?

Number	Response Text
1	None
2	None.
3	None.
4	No.
5	Keep up the good work.
6	Would be beneficial to provide webinar availability even in D3. Tallahassee is an hour ahead of most of the district, and individuals would have to drive 2.5 hours if located on the west end of the district.
7	No.
8	A little more on what may be coming in the future
9	This was a good training of getting all the agencies together.
10	N/A
11	After lunch when Richard started talking, I felt like I was being scolded for not doing my job properly. I kind of know what questions to ask and who to ask. My only problem is being able to enforce a good decision.

**Q11. Any other comments or suggestions on this course?**

Number	Response Text
12	Instructors should have more local knowledge of plans/projects of local transit agency.
13	I do not believe it is a good use of time to explain things that are not applicable to Florida - or the United States. Median bus stations are not applicable to the country as buses load/unload on the right side, median stations require left side load/unload.
14	More specific info on placing facilities and complying w/design standards would be helpful.
15	None.
16	It would be helpful to know if transit agencies have comprehensive plans and funds for transit facility upgrades.
17	None.
18	None.
19	Excellent course! Appreciate the emphasis on agency coordination.
20	More info or links about Anti-terrorism force protection at transit stops.
21	MOT considerations when trying to build such facilities. Brief overview of ways to accommodate ADA during construction would be helpful.
22	We need a detailed course on rail design. Commuter rail and high speed rail station designs are required soon.

Q11. Any other comments or suggestions on this course?

Number	Response Text
23	None.
24	None.
25	From the reaction of knowing who to contact, it would be nice if these persons could be provided thru a contact sheet/facilitate area of training held.
26	No.
27	Thanks for the training!!!
28	Spend less time talking about what to do with full standards. Can't be met, besides "move the infrastructure". Designs presented were nice you have plenty of room to work.
29	Thank you for having it and I look forward to more in the future.
30	No.
31	No.
32	None.
33	No.

Q11. Any other comments or suggestions on this course?

Number	Response Text
34	N/A
35	None.
36	None at this time.
37	Offer the alternatives for logging in if the Goto does not work.
38	No.
39	Provide this course more often so this information can reach others that do design work, (engineering technician), level.
40	Introductions went a little long. Was kind of confused if we were still doing intros or if we had begun the course subject matter.
41	No.
42	Well done, presenters kept it interesting.
43	No.
44	Better organization, more focus on design specs.

**Q11. Any other comments or suggestions on this course?**

<b>Number</b>	<b>Response Text</b>
45	Thank you for putting it together.
46	None.
47	Lots of information provided for multiple situations. Maybe, group the information a little better so that we aren't jumping all over the place during the presentation.
48	Good.
49	No.
50	One of the best FDOT courses I've ever attended, very informative and engaging.
51	Updates for Transit Handbook on the pages or additions could be issued more frequently if necessary or by law.
52	Include the benefits of monorail, many advantages and cost savings.
53	Great, thank you all.
54	No.
55	None.

**Q11. Any other comments or suggestions on this course?**

Number	Response Text
56	No.
57	When broadcasting via webcast, if possible, have presenters use mouse/ cursor to highlight relevant information rather than laser pointer as we could not see that.
58	Very well done.
59	No.
60	Same comments as above.
61	The course was good.
62	No.
63	Already provided.
64	No.
65	Should hand out ADA guidance information.
66	Would like to do exercise.

Q11. Any other comments or suggestions on this course?

Number	Response Text
67	Very good.
68	None.
69	Pretty good and informative course.
70	Keep multiple presenters good interaction with the audience. Good use of PowerPoint presentation, great speakers.
71	No
72	On Projects that have issues with ADA there need to be clear guidance on how far to go and what limit to spend.
73	None.
74	For the people attending the course on-line it was kind of annoying to have the people attending the course live... some of them dragged the presentation too much with all kind of questions, so it was hard at times to keep up with what was being discussed live (but listened to by the people on-line).
75	I was unable to get the audio portion of the course to work. I am now a little concerned over the possible repercussions of having a 7 hour long distance call on my phone bill. A toll-free dial-in option would be beneficial.
76	I am not sure how to move forward from this point. if you have a list of contacts in each County it would be helpful. Is there a panel with representatives from different Counties for implementing this plan? Who is the contact person in Pasco County?
77	Thank you it was very helpful!

**Q11. Any other comments or suggestions on this course?**

<b>Number</b>	<b>Response Text</b>
78	The course was well organized and presented. Also provision of PDH for PEs is a good incentive. Job well done.
79	No.
80	None.
81	Sample checklists on reviewing existing stops and design plans.
82	Overall good, but some of the questions got looked over due to specific disasters.
83	None.
84	Excellent work by all concerned.
85	Overall excellent course.
86	Should only answer pertinent online questions. Leave others for end of session.
87	No.
88	Overall a good course, very interesting, and good instructors.

Q11. Any other comments or suggestions on this course?

Number	Response Text
89	Eliminate the "soft" coordination materials towards the end of the day.
90	None.
91	None.
92	None.
93	Great Job.
94	I really enjoyed to course and the webinar format.
95	None.
96	No.
97	No.
98	None.
99	FDOT Designers may need to be required to attend very few engineers in class. Could eliminate duplication (green facilities, signal priority/pre-emption).

**Q11. Any other comments or suggestions on this course?**

<b>Number</b>	<b>Response Text</b>
100	Frequent small breaks.
101	Update revisions and forward to those who took the course by e-mail.
102	Enjoyed the training opportunity. Expanded my knowledge base.
103	Richard Dreyer is an excellent presenter, all Tindale Oliver staff are very good.
104	Confused by mandates to print out handouts prior to course only to show up and see piles of handouts.
105	Touch a little more on design construction and a drainage, guiding and drop off handouts to keep in mind when designing shelters.
106	Could the speakers wear microphones that allow the speakers to move away from the podium while still allowing the webinar to function?
107	No.
108	No.
109	No.
110	No.

**Q11. Any other comments or suggestions on this course?**

<b>Number</b>	<b>Response Text</b>
111	2
112	Consider using notebook for Accessing Transit. Hardbound is expensive and requires reprinting static information.
113	No.
114	None.
115	I look forward to the updated version.
116	How to give right of way for shelters.
117	Excellent course and great to bring all agencies to same table.
118	Accessing transit textbook is an excellent resource.
119	Overall good, appreciated the approach that both sides need to work together rather than dept. training others. Both sides have issues with the other side.
120	This course needs to include more examples.
122	Not at this time.

**Q12. Please identify additional training needs that would benefit your agency.**

<b>Number</b>	<b>Response Text</b>
1	None to suggest currently.
2	None.
3	More training on how transit planning and bicycle planning could be better linked.
4	How to prepare and ADA compliant bus route.
5	None.
6	None.
7	Software use.
8	None.
9	None at this time.
10	None.
11	None.
12	Transit?

**Q12. Please identify additional training needs that would benefit your agency.**

Number	Response Text
13	None.
14	CECs for landscape architects.
15	None.
16	None.
17	None.
18	See Above.
19	None.
20	None.
21	None.
22	None.
23	None.
24	Need rail and BRT Training.

**Q12. Please identify additional training needs that would benefit your agency.**

<b>Number</b>	<b>Response Text</b>
25	None.
26	None.
27	Developing transit plans, implementation and mobility.
28	None.
29	None.
30	None.
31	DK
32	None.
33	None.
34	None.
35	None.
36	The handbook should be updated whenever ADA regs or DOT standards and specs change from 2nd question. Effects on BRT & TOD on FDOT access permitting and traffic impact analysis.

**Q12. Please identify additional training needs that would benefit your agency.**

Number	Response Text
37	Not sure at this time.
38	None at this time.
39	Can't think of anything right now.
40	None.
41	Bike ped facilities.
42	"Real World" application of ADA and transit retrofits (especially with restricted Right-of-Way concerns).
43	Timely notification. Four staff member involved in transit construction projects could not view the online presentation due to scheduling.
44	More of a one on one interaction with the ADA Coordinator.
45	How to cope with drainage structures, power poles, traffic controls and other utility conflicts in the sidewalk, to achieve ADA Access & Compliance.
47	Details on why standards were set more than ADA or in many cases local standards.
50	None.
51	None.

**Q12. Please identify additional training needs that would benefit your agency.**

Number	Response Text
52	None.
53	NEPA permitting, design exceptions/variances. LRE for municipal governments.
54	Implementation of ADA and looking @ the future.
55	Transit planning for the novice, transit, finance for the model.
56	More similar training specialty for legal issues.
57	How ROW can contribute, does it help to indentify willing property owners and/or get donate one of land.
58	Detailed T&D Course.
59	Follow-up and expansion of information supplied.
60	IDK
61	Over ADA info for sidewalks, ped. ramps, parking, and buildings, ect.
62	Updates on new guidance when they come out.
63	Thank you.

**Q12. Please identify additional training needs that would benefit your agency.**

Number	Response Text
64	Move urban design and sustainability issues need to be covered - Including landscape, landscape maintenance, and programming.
65	Transit design, including geometric requirements for light/heavy/high speed rail.
66	SSO/Alcohol and drug safety training.
67	None.
68	ADA accessibility training addressing the PROWAG and ADAAG. When each is applicable, differences etc.
69	Right of way requirements,
70	N/A- none at this time.
71	When the new AASHOT Bike Design guide is released, an overview of changes would be nice.
72	Not at this time.
73	Applications of ADA compliant transit stops that are more realistic for low density ROW constrained jurisdictions.
74	No additional training needs at this time. The resource material will be very helpful.
75	Identifying funding sources for bus stop shelter implementations.

**Q12. Please identify additional training needs that would benefit your agency.**

Number	Response Text
76	None known.
77	Clarification of this course.
78	None.
79	Transit oriented development.
80	Geopack.
81	Pedestrian and Bicycle facilities geared training.
82	This kind of training needs to be provided to construction who does the CEI and reach the design guide as well. Maybe one class specific for designs and the other for CEI. Also, on ADA coordination training only for counties, municipalities, and FDOT.
83	Could add area of inspection and finals after built of project.
84	I would like to increase my knowledge on drainage systems and maintenances, including costs and efficiency factors.
85	There is an across the board need for training, the contractor does not always build what we design.
86	Large scale graphics.
87	None.

**Q12. Please identify additional training needs that would benefit your agency.**

Number	Response Text
88	Training specifically related to the construction of curb cut ramps, installation of detectable warning surfaces and placement of pedestrian signals would be beneficial to both contractors and inspection staff.
89	Approved/current PD&E studies showing the transit route & stations and link to the website with the above information. A map showing the future or non-compliant transit locations on State Hwys in Pasco County.
90	This was a crash course on the whole transit....if there was a more advanced or detailed course it would be helpful. Not sure if there is one at this time.
91	None.
92	None.
93	More on BRT and Rail, High Speed Rail.
94	More training on transit planning.
95	None.
96	Geometric design/intersection design and platforming/parking design.
97	FDOT provides us with the tools we need to do our job well.
98	Bicycle facilities/Ped.
99	None at this time.

**Q12. Please identify additional training needs that would benefit your agency.**

Number	Response Text
100	There aren't any at this time.
101	A training related to planning of transit small start and new start would be preferred.
102	None.
103	Areas in question were covered.
104	Not sure yet.
105	Tailored training for fDOT Design and traffic operations who participate in project scoping, maintenance, and PD&E as well.
106	Details of the responsibility of the local government agency in rule chapter 14-20.
107	Specific to 14-20 F.A.C.
108	None.
109	None.
110	None.
111	2

**Q12. Please identify additional training needs that would benefit your agency.**

Number	Response Text
112	Why is this a required response item?
113	None identified.
114	None.
115	Consolidating bus stops to save time and money while maintaining a user friendly environment.
116	Access to a state wide help page for contacts other than transit groups. Inside the stop for tips or comments on install of stops.
117	How can we upgrade without the heavy cost and liability?
118	Briefly it was mentioned pedestrians overpass/ped. bicycle to cross from bus stations over busy roads, maybe some basic training or information of applications utilizing ped. bridges connecting to transit.
119	Financing funding for transit.
120	Similar seminars for utilities will help FDOT personnel to understand the departments roles and responsibilities on their private users in right of way.
121	Very good, learned a lot.
122	Any you could offer, we need more training opportunities in general.
123	Stress to internal staff that there are guidelines and not rules. Knowing of course ADA is a civil rights law.

**Q12. Please identify additional training needs that would benefit your agency.**

Number	Response Text
124	Good job.
125	Lighting for roadway.
126	ADA Sidewalk within R/W, specific break down of the rules.
127	None needed at this time.