



Transportation Planning Division



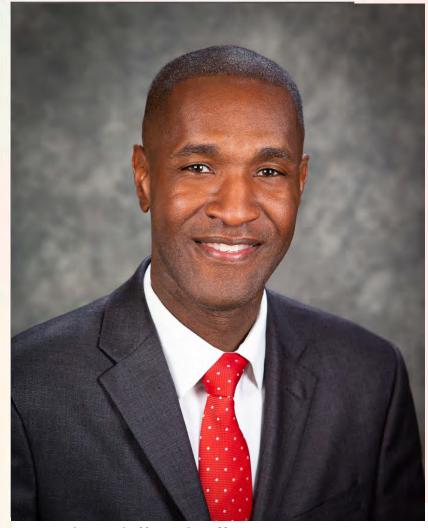
International Drive Pedestrian Overpass Analysis and Overpass Conceptual Design Study

Public Meeting #1





Jerry L. DemingsOrange County Mayor



Michael "Mike" Scott
District 6 Commissioner

Ways to Provide Feedback

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Civic Organization

Call or Email (website,

<u>www.idriveoverpass.com</u>

newsletter and this presentation)

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Address		
City	State	Zip Code
Check here to be added to the p	project mailing list.	
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Meeting Instructions

- The presentation will be followed by a questionand-answer period.
- If you would like to speak, please fill out a comment card. Comments will be addressed in the order they are received.
- •Comment forms are available at the sign in desk.
- If you received a newsletter, you are on the project mailing list. If you did not, please sign in and provide your address to be added to the mailing list.

		ORME	Analysis an	I Drive Pedestri d Conceptual D ic Comment	esign Study
		Name		Phone	
		Address			
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		Please use this con	re to be added to the project mail	garding the pedestrian overpa	ss at the intersection of international Drive and g, with a member of the project team today or
	To be completed pr	Comments: er Request Card ior to making a recorded staten	Number	Services Dept.	Public Alternatives Meeting Wednesday February 22, 2023 Open House - \$30 p.m. Presentation - 600 p.m.
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Project Advisory Group Meeting Objectives

Meeting Number One

- Introduction of Prticipants
- General Overview of Project
- Initial Comments from Group Members

Meeting Number One

Introduction of Participants General Overview of Project Initial Comments from Group Members

Meeting Number Two

Presentation on Findings of Existing Conditions Discussion of General Bridge Features; Ramps, Stairs Elevators, etc.

Discussion of Right-of-Way and Access impacts Discussion of Utility Impacts Comments from Group Members

Meeting Number Three

Presentation of Preliminary Bridge Concepts Comparison of Aesthetics for Each Concept Comments from Group Members

Meeting Number Four

Presentation of Refined Bridge Concepts
Discussion of Refined Aesthetics
Further Discussion of Right-of-Way and Access Impacts
Further Discussion of Utility Impacts
Final Comments from Group Members

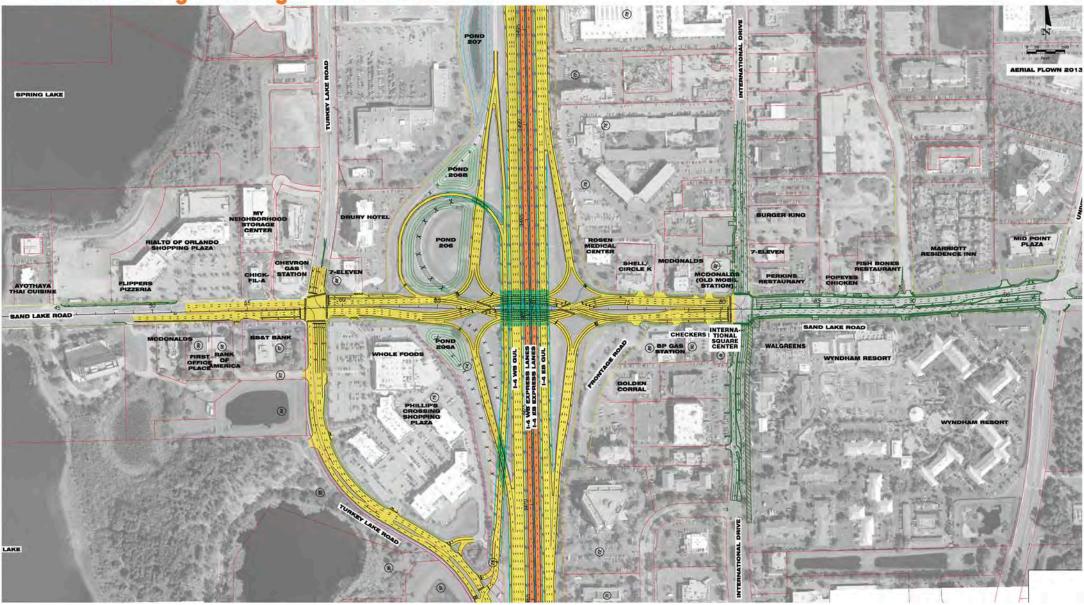
Meeting Number Five

Presentation of Final Concept Plans for 3 Alternatives
Presentation on Evaluation Method and Rankings
Discuss Rankings and Determination of Preferred Alternative



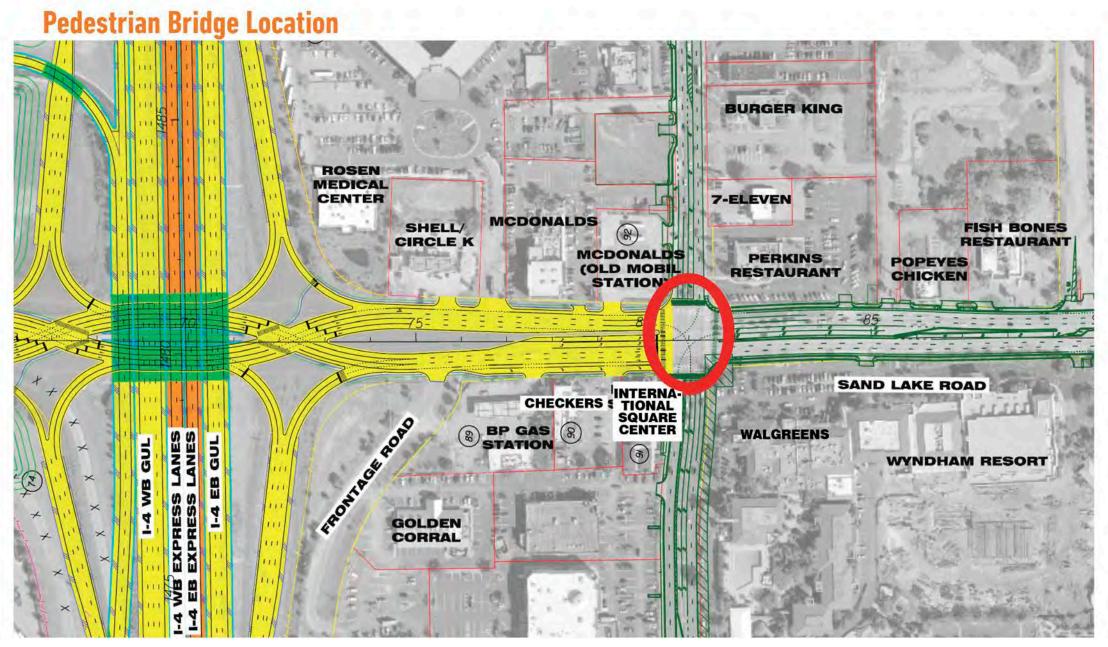


I-4 Interchange - Design Build 2023





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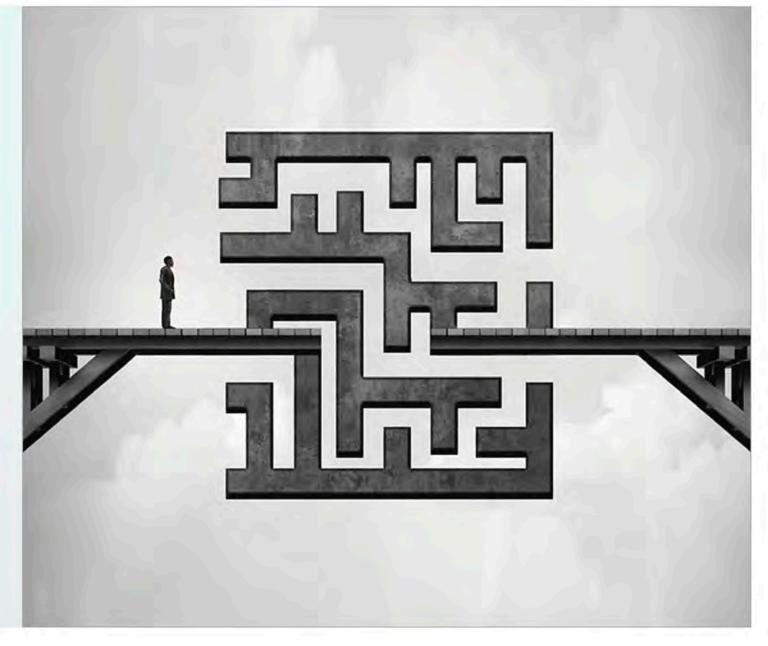




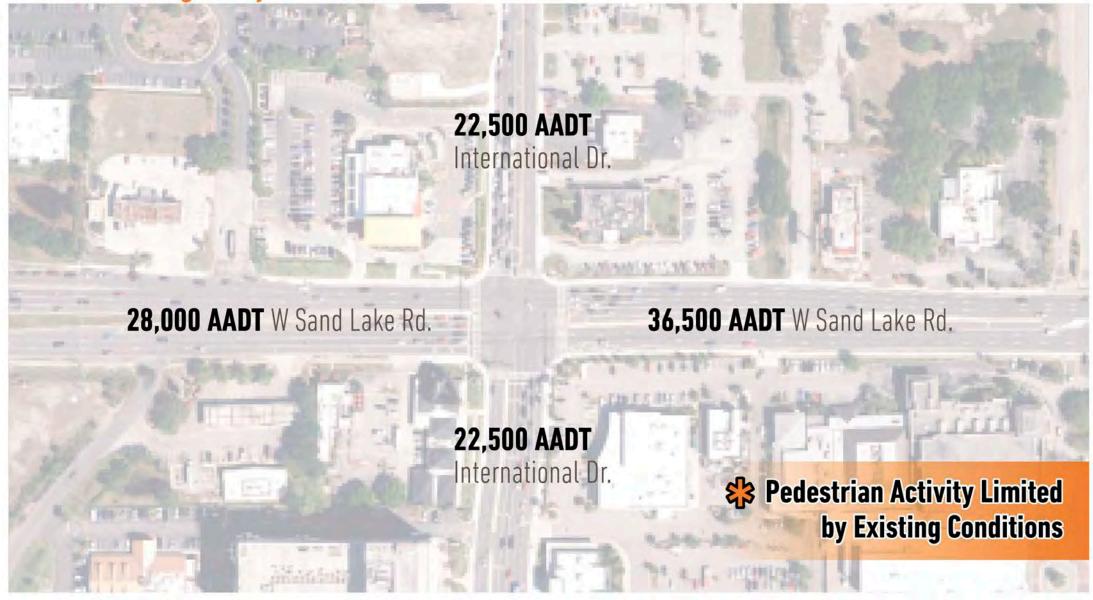
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Challenges

- 1. Utility Impacts
- 2. Right-of-Way Impacts
- 3. Access Impacts
- 4. Visibility Impacts
- 5. Traffic Speed Impacts
- 6. ADA Accessibility
- 7. Fire/Rescue Access
- 8. Fire/Rescue Parking
- 9. Pedestrian Use Extra Walking Distance
- 10.Security



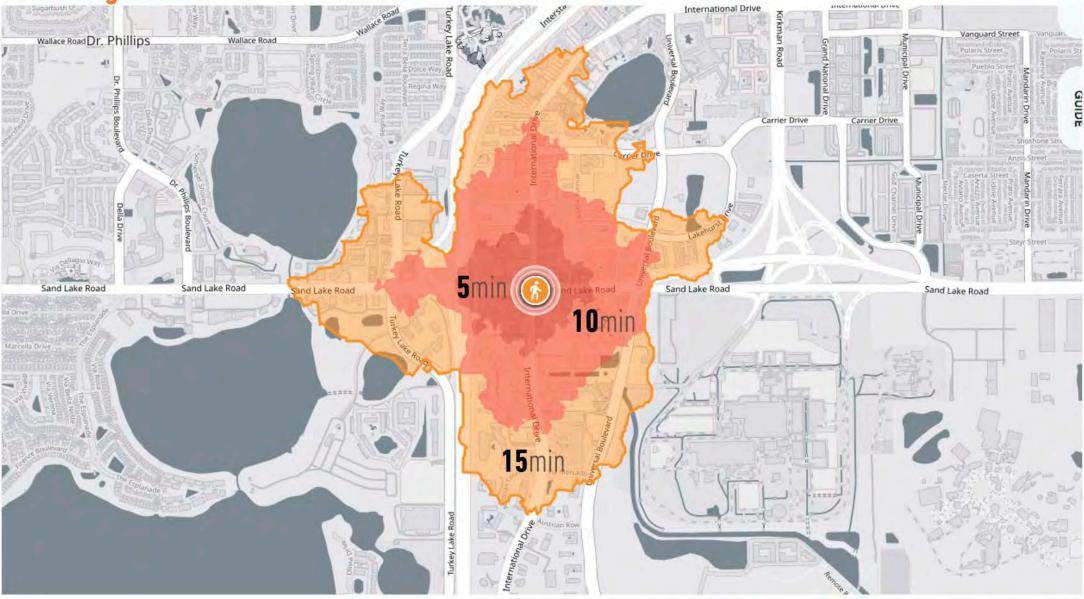
AADT - Average Daily Traffic Count





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Walking Radius



Public Meeting #1

Project Goals

- 1. Provide pedestrians **safe** crossing to all four intersection corners
- 2. Iconic Gateway to I-Drive Entertainment and Convention Center District
- 3. Improve Vehicular capacity at the intersection
- 4. Minimize impact on adjacent property owners
- 5. Minimize need to relocate existing utilities
- 6. Enhance **pedestrian** nature of the district
- 7. Provide ADA accessibility at bridge connections
- 8. Make the **experience** of using the bridge a positive, memorable, and Instagram-able
- 9. Utilize **lighting** to enhance the experience and safety of the bridge at night





BICYCLE CROSSING WITH CROSSWALK











A JOINT VENTURE

FEELING COMPELLED TO RUN WITH CROSSWALK











WEAVING THROUGH TRAFFIC IN CROSSWALK





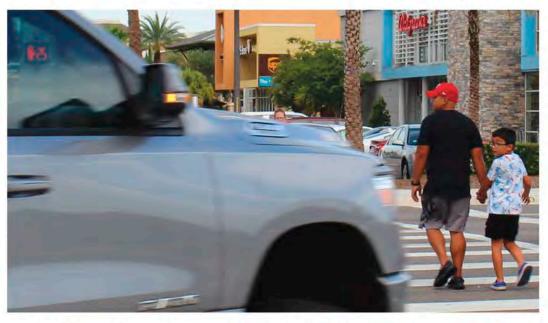






TRAFFIC INTERACTIONS









UNSIGHTED DOUBLE TURN



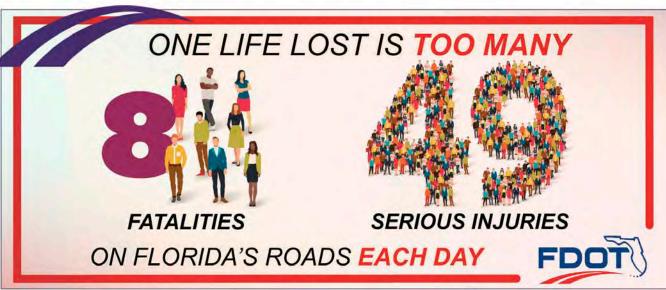


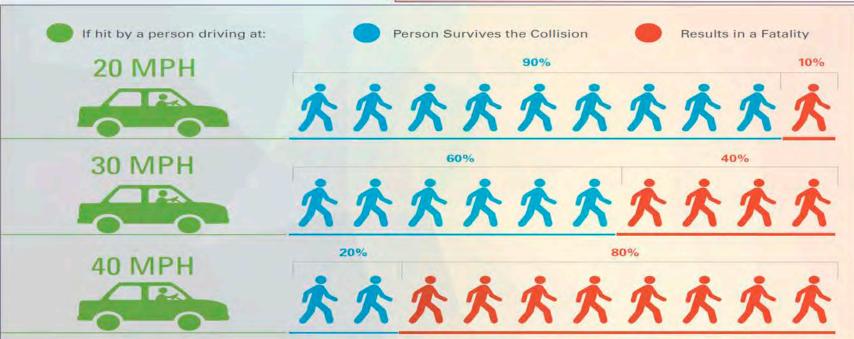






Why Do We Need to Provide Safety for Pedestrians?









Public Meeting #1

SAFETY

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A JOINT VENTURE

Safety

Diverging Diamond - Sand Lake
 Road & I-4 Interchange

2. Design Speed

A principal design control
 that regulates the selection of
 many of the project standards
 and criteria used to design a
 roadway project.

3. Posted Speed

 Maximum speed allowed in a speed zone as designated by a sign within the zone.



Sand Lake Road Interchange Improvements

4. Target Speed

 Highest speed at which vehicles should operate on a thoroughfare in a specific context, consistent with the level of multi modal activity generated by adjacent land uses, to provide both mobility for motor vehicles and a supportive environment for pedestrians, bicyclists, and public transit users. Why Do We Want an Iconic Gateway?























Meeting Number Two

Vertical Circulation



Vertical Circulation

Options

- 1. Ramps
- 2. Stairs
- 3. Elevators
- 4. Escalators



Ramps

Advantages

- 1. Provide both Accessibility and Egress
- 2. Meets all required functions in a single circulation element
- 3. No power required and no maintenance
- 4. Accommodates bicycles

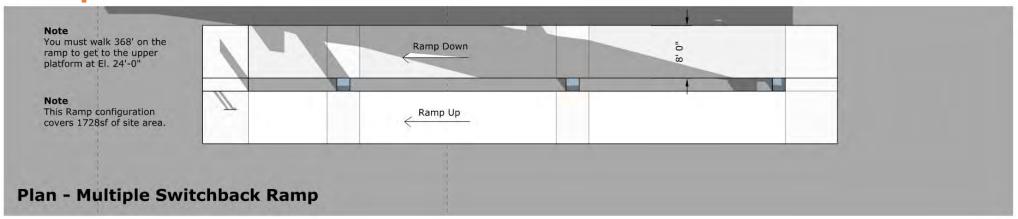
Disadvantages

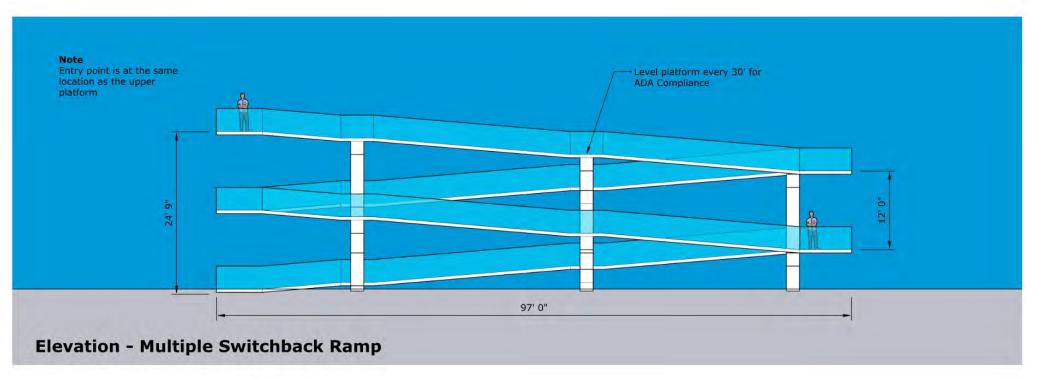
- 1. To get to elevation +24' requires user to climb or descend 343 linear feet of ramp
- 2. Requires a larger site area than stairs or elevators
- 3. Creates a visual obstacle to properties at the corner.
- 4. Additional travel distance may discourage use.
- 5. May require a roof for shade.





Ramps







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A JOINT VENTURE

Stairs

Advantages

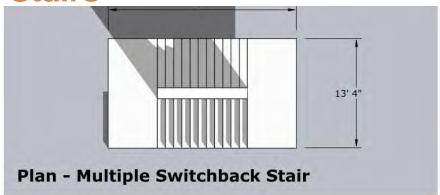
- 1. Provide Egress
- 2. Small Footprint
- 3. No power required and no maintenance
- 4. No waiting
- 5. High capacity

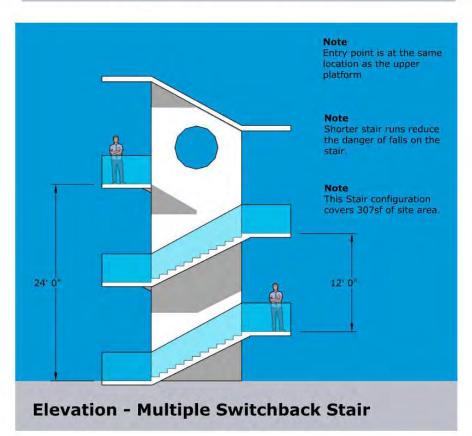
Disadvantages

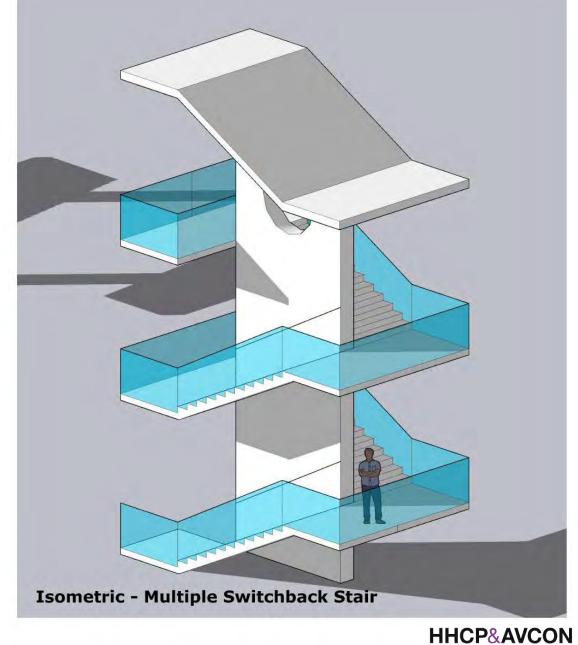
- 1. Not Accessible
- 2. Does not work for bicycles, strollers, or wheelchairs
- 3. Climbing stairs 24'vertically is not physically possible for all.



Stairs









Public Meeting #1

Vertical Circulation

Elevators

Advantages

- 1. Provides Accessibility
- 2. Small Footprint
- 3. Can accommodate bicycles, strollers, or wheelchairs
- 4. Minimal waiting (Only two stops)
- 5. Reduces walking or climbing

Disadvantages

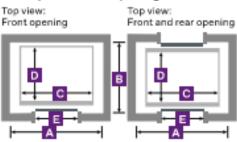
- 1. Not a Means of Egress
- 2. Requires power and maintenance
- 3. Security must be addressed



Elevators

- A Hoistway width
- B Hoistway depth
- C Inside clear width
- D Inside clear depth
- E Door clear width
 F Inside clear height
- G Door clear height
- O Minimum overhead
- P Minimum pit depth
- S Safety beam
- T Travel

One-speed center opening doors



Passenger elevator										
Capacity (lbs)	1-and 2-Stage Hoistway ^{2,9} A x B	3-stage Hoistway" A x B	Front / rear	Inside clear C x D	Door type	Door width E				
2100 3	7'-4" x 5'-9"	7'-8" x 5'-9"	F	5"-8" x 4"-3"	One-speed	3'-0"				
2100 3	7'-4" x 6'-8%"	7'-8" x 6'-8%"	F/R	5"-8" x 4"-3½"	One-speed	3'-0"				
2500	8'-4" x 5'-9"	8'-8" x 5'-9"	F	6'-8" x 4'-3"	One-speed	3'-6"				

Must be 3500# or larger to be Stretcher Compliant

3000 4	8'-4" x 7'-2%"	8'-8" x 7"-2%"	F/R	6'-8" x 4'-91/5"	One-speed	3'-6"
35004	8'-4" x 6'-11"	8'-8" x 6'-11"	F	6'-8" x 5'-5"	One-speed	3'-6"
35004	8'-4" x 7'-10 ³ / ₄ "	8'-8" x 7"-10%"	F/R	6'-8" x 5'-5½"	One-speed	3'-6"
40004	9'-4" x 6'-11"	9'-8" x 6'-11"	F	7"-8" x 5"-5"	One-speed	3'-6"/4'-0"
4000 °	9'-4" x 7'-10%"	9'-8" x 7'-10¾"	F/R	7'-8" x 5'-51/2"	One-speed	3'-6"/4'-0"





S



Minimum Elevator shaft outside dimension is 9'-8" x 8'-6 1/2". The assumed foundation size for this elevator shaft is 2'-6" larger that the shaft in all directions. With this size the foundation size is 14'-8" x 13'-6 1/2". Note that the top of the foundation is a minimum 48" below grade and is 2'-0" thick.

- Inside clear height: 7'-4"5
- G Door clear height: 7'-0"
- Minimum overhead:

Up to 100 fpm: Over 100 fpm: 1-Stage - 12'-2" 1-Stage - 12'-5" 2-Stage - 12'-8" 2-Stage - 12'-8"

- 3-Stage 12'-11" 3-Stage 12'-11"
- P Minimum pit depth: 4'-0"6
- T Max travel possible: 1 1-Stage: Up to 100 fpm - 18'-11" Over 100 fpm - 18'-8"

2-Stage: 28'-6" 3-Stage: 48'-31/2"

Safety beam required per OSHA 1926.5027



Public Meeting #1





Escalators

Advantages

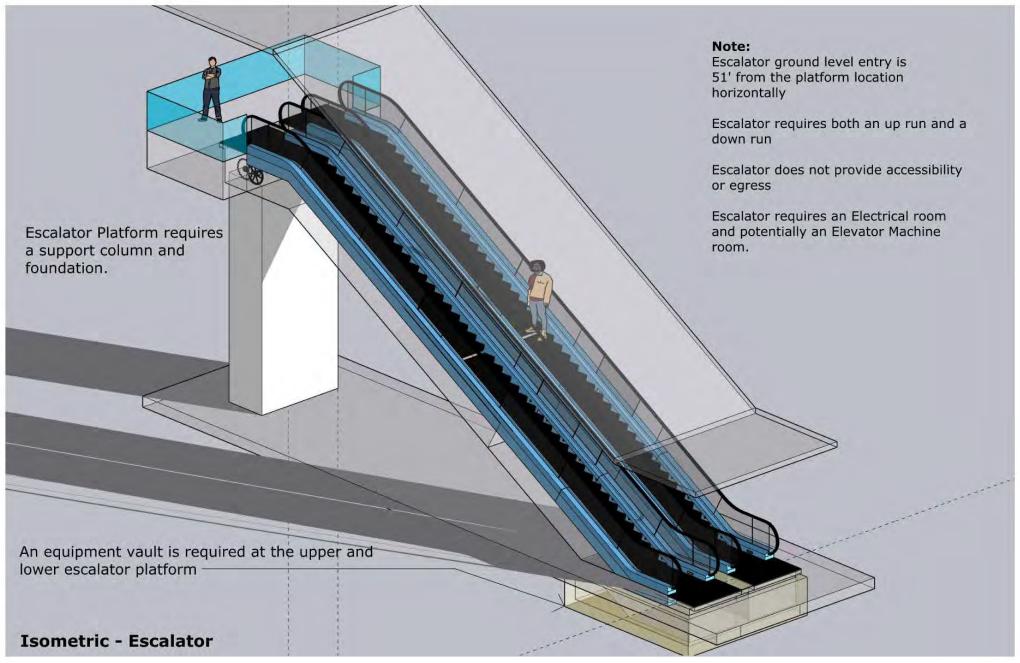
- 1. High Capacity
- 2. No waiting
- 3. Reduces walking or climbing

Disadvantages

- 1. Not Accessible or a Means of Egress
- 2. Requires both an Up and Down Escalator (2)
- 3. Requires power and maintenance
- 4. Cannot handle bicycles, strollers or wheelchairs
- 5. Requires a canopy
- 6. Larger footprint and only works in linear configuration
- 7. Most expensive of the options









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VERTICAL CIRCULATION COMPARISON MATRIX

(Lower score is better)

			FOUNDATION	MEANS	OF	ACCESSIB	ILE	COST	OPERATING	POWER F	REQ.	HORIZONTAL	SC	ORE	
			SIZE	EGRESS	S				COST			TRAVEL			
AREA REQUIRED												DISTANCE			
	Largest Area =4			Yes=0		Yes=0		1=Lowest	Yes=1	Yes=1		1=Lowest			
		Smallest /	Area=1		No=1		No=1		4=Highest	No=0	No=0		4=Highest		
RAMP	8' X 343'	2744 sf													
	18' X 96'	1728 sf	4	(3) 12' X 12'	YES	0	YES	0	2	NO 0	NO	0	343' 3	i,	9
STAIR	6' X 63'	378 sf													
	13'-4" X 27'	360sf										l			
	13'4" X 23'	307sf	2	12' X 17'	YES	0	NO	1	1	NO 0	NO	0	52' 2		6
ELEVATOR	11'-4" X 11'-4"	128 sf	1	16' X 16' X 2'	NO	1	YES	0	3	YES 1	YES	1	0' 1		7
ESCALATOR (pair)	11' X 60'	660 sf	3	15' X 64'	NO	1	NO	1	4	YES 1	YES	1	0' 1		11

NOTES

- 1 Must include one Accessible means of access at each intersection.
- 2 Must include at least two means of egress on the bridge. (preferably one at each corner of the intersection.
- 3 A ramp will meet both the need for Egress as well as the need for Accessibility.
- 4 An escalator does not meet the need for Accessibility or Egress

The highest scoring options are either the Ramp at all four corners, which meets all requirements, or the combination of a stair and an elevator which also meets all project requirements.

(Lower score = Highest Ranking)



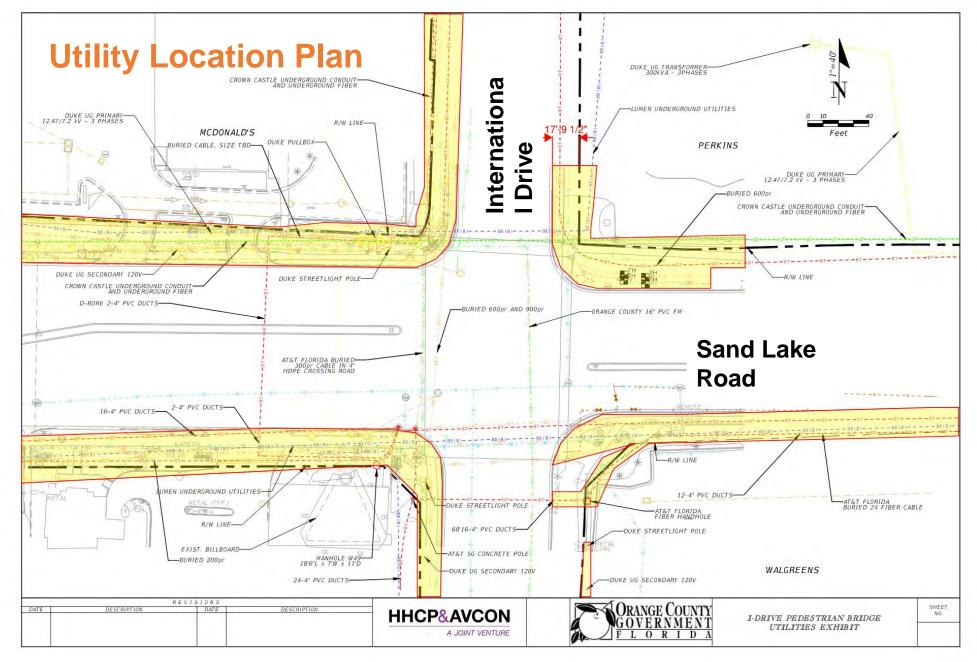




Meeting Number Two

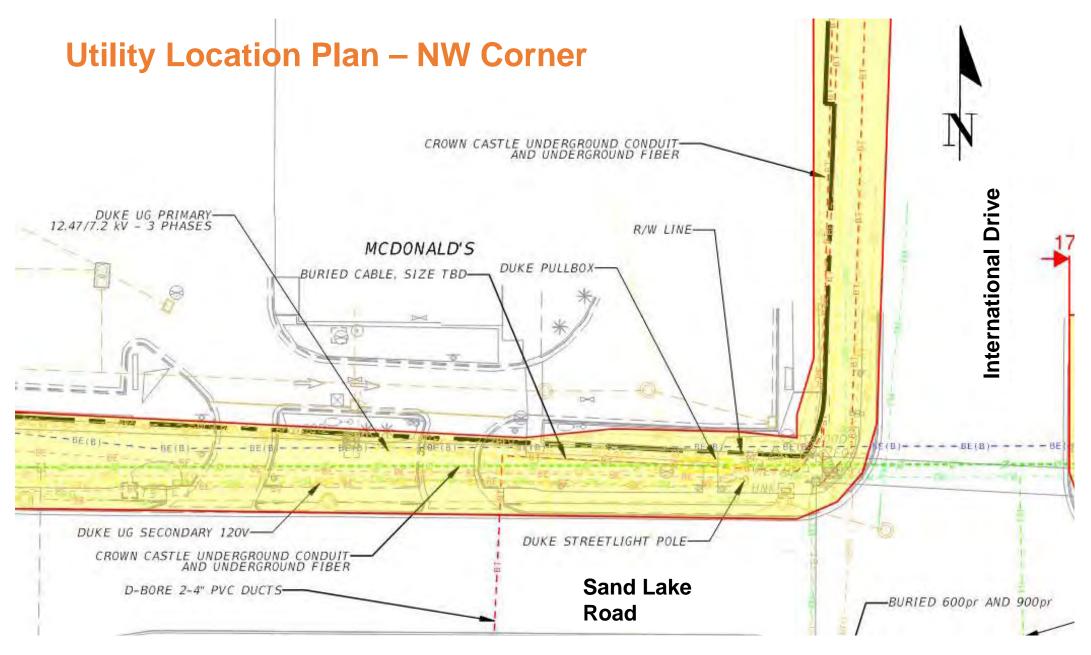
Site Considerations



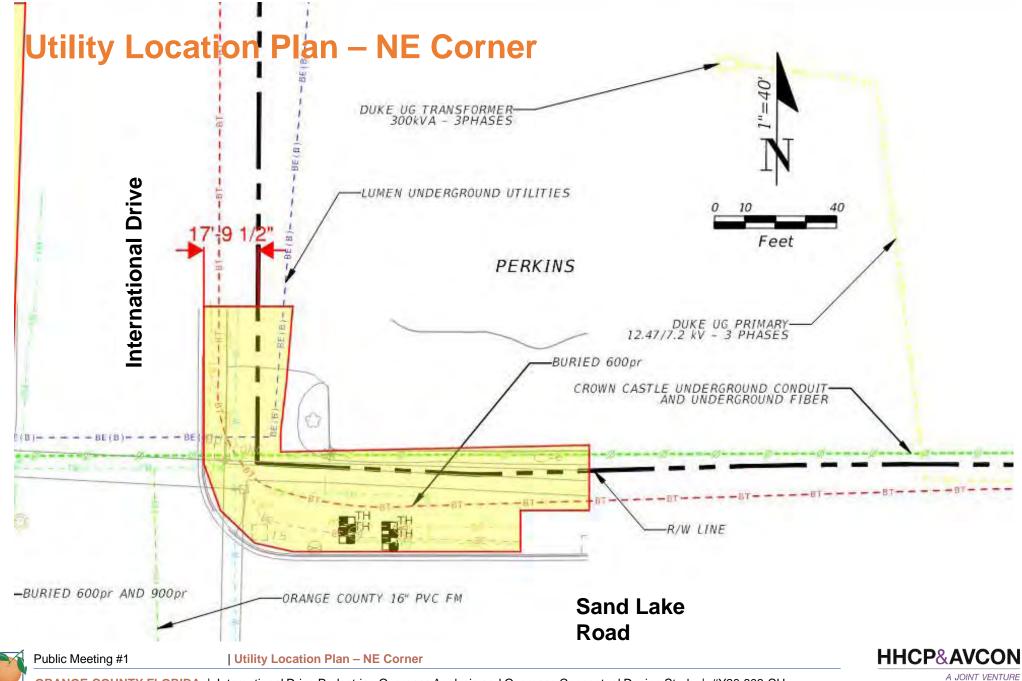


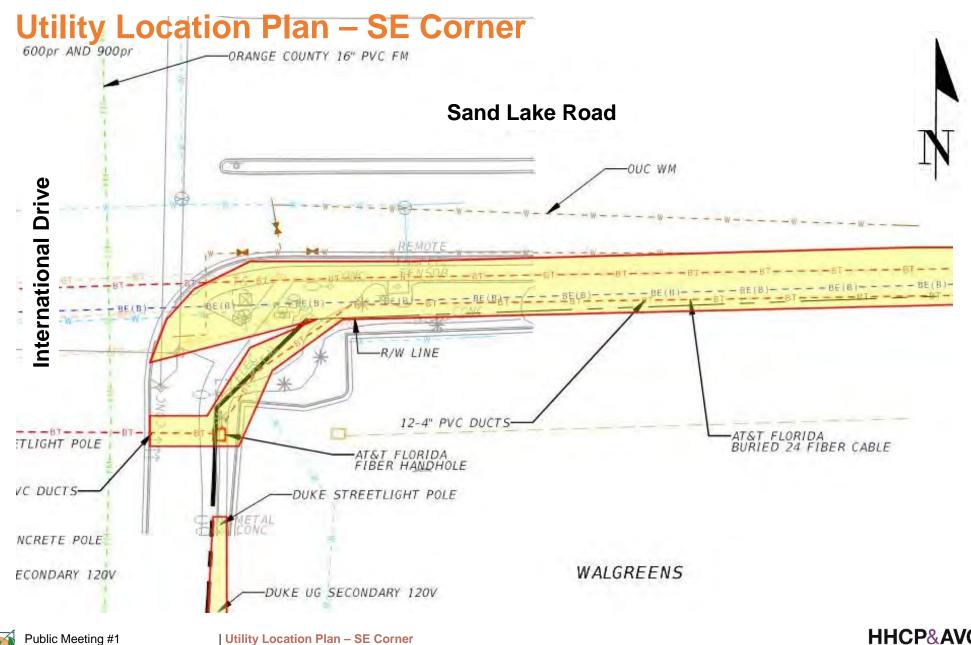


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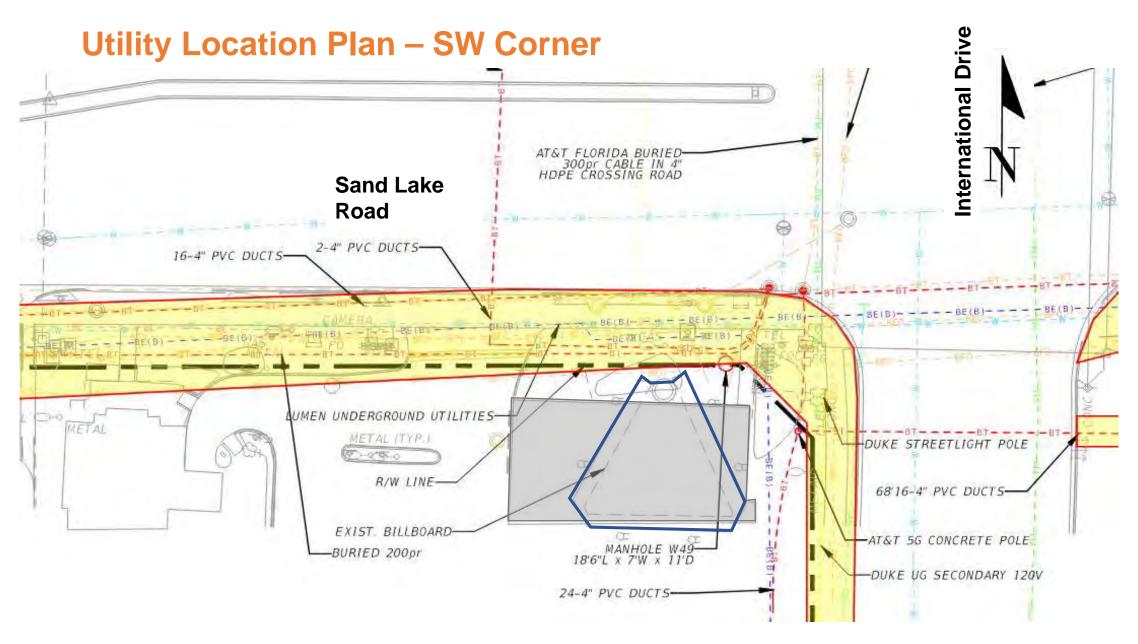




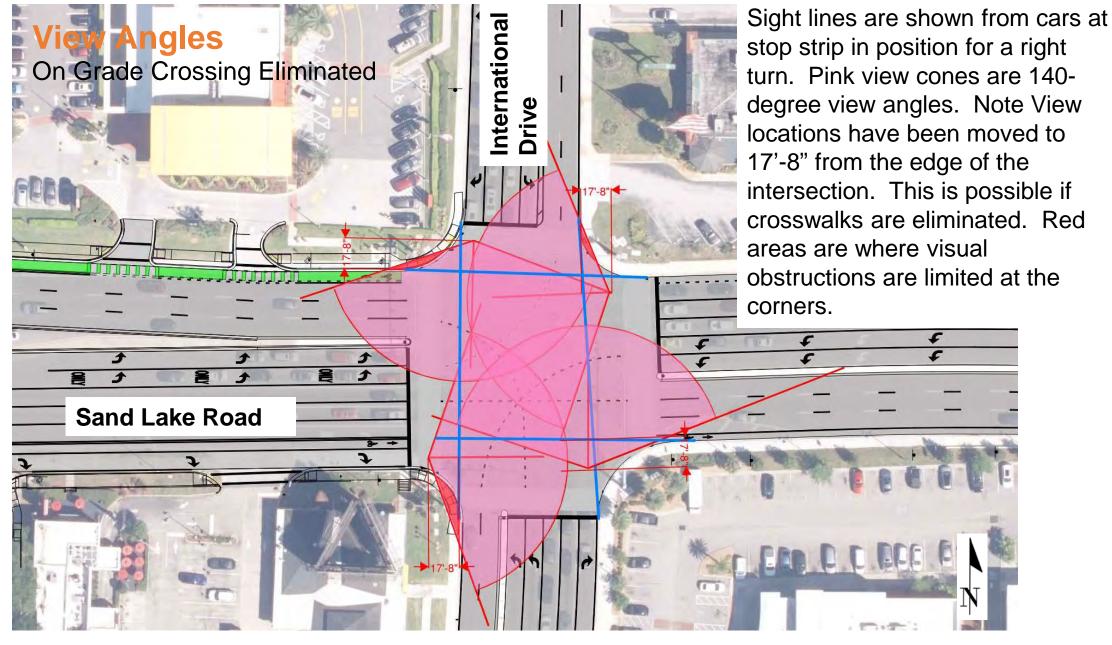




| Utility Location Plan - SE Corner





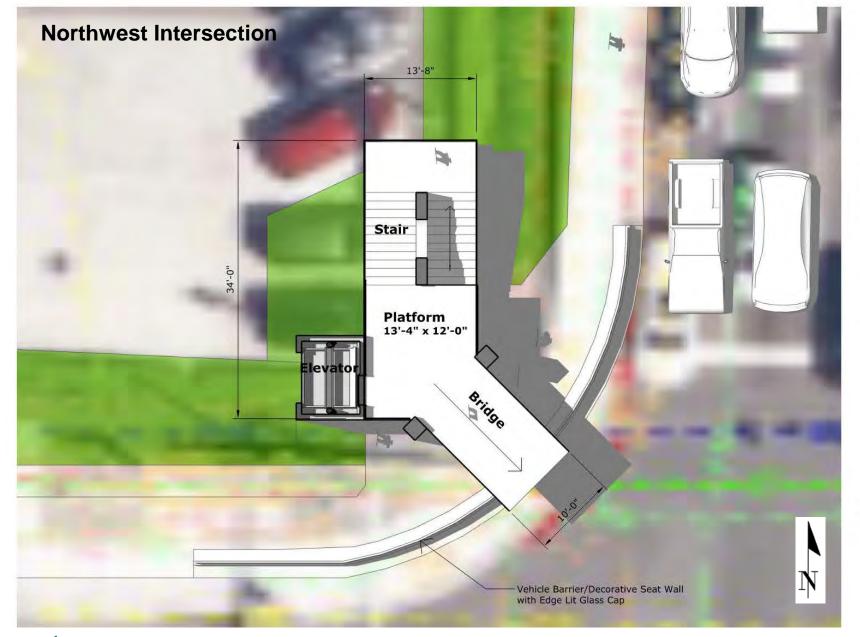




Meeting Number Two

Bridge Tower Configurations





Description

A very inviting stair traversing 24'-0" in height. Each stair run is 4' rise. The treads are 12" and the risers are 6" for easy climbing.

The Elevator is 3500# capacity and is stretcher compliant

The overall site area required for this configuration is 22' x 24'

Glass Back Elevator provides additional Safety and creates a visual feature

Seat bench barrier and protective screen wall protects pedestrians and prevents on grade crossing.

Crosswalks have been removed.

Summary

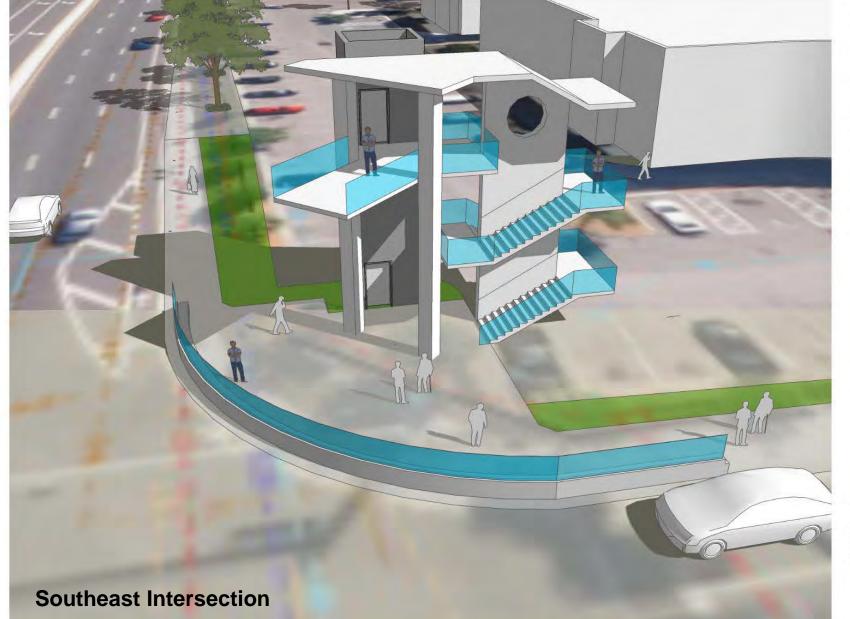
Ground Floor Platform Stair Width Elevator Shaft Elevator Cab Size Total Ground Level Footprint Bridge Width 192sf 6' Wide 10' x 8'-4" 6'-8" x 5'-5" 506sf 10'-0"



Public Meeting #1

| Vertical Circulation – Bridge Tower Option 1 – Northwest Corner





Description

A very inviting stair traversing 24'-0" in height. Each stair run is 6' rise. The treads are 12" and the risers are 6" for easy climbing.

The Elevator is 3500# capacity and is stretcher compliant

The overall site area required for this configuration is 35' x 28'

Crosswalks have been removed.

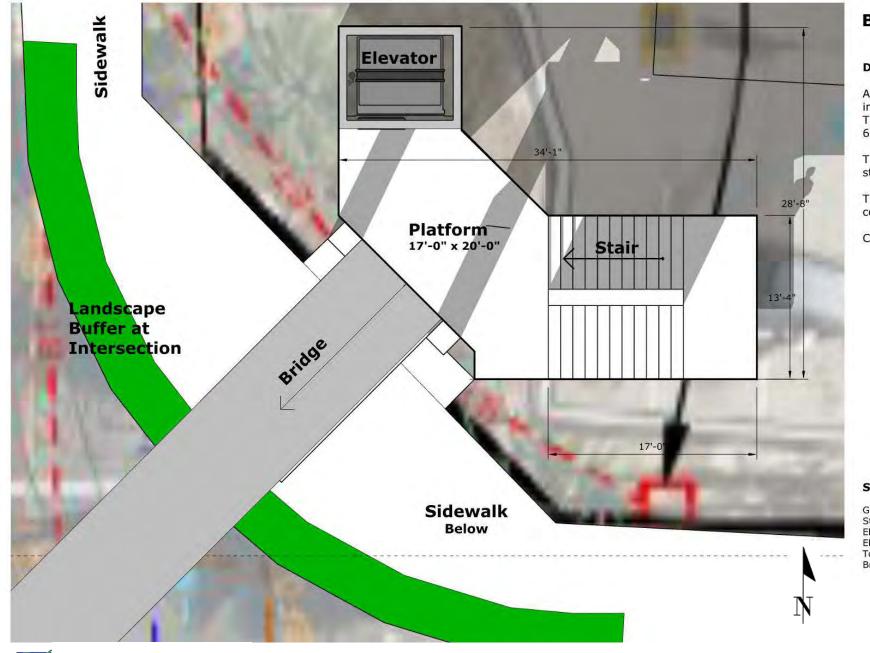
Summary

Ground Floor Platform Stair Width Elevator Shaft Elevator Cab Size Total Ground Level Footprint 160sf 6' Wide 10' x 8'-4" 6'-8" x 5'-5" 470sf



Public Meeting #1





Description

A very inviting stair traversing 24'-0" in height. Each stair run is 6' rise. The treads are 12" and the risers are 6" for easy climbing.

The Elevator is 3500# capacity and is stretcher compliant

The overall site area required for this configuration is 35' x 40'

Crosswalks have been removed.

Summary

Ground Floor Platform Stair Width Elevator Shaft Elevator Cab Size Total Ground Level Footprint Bridge Width

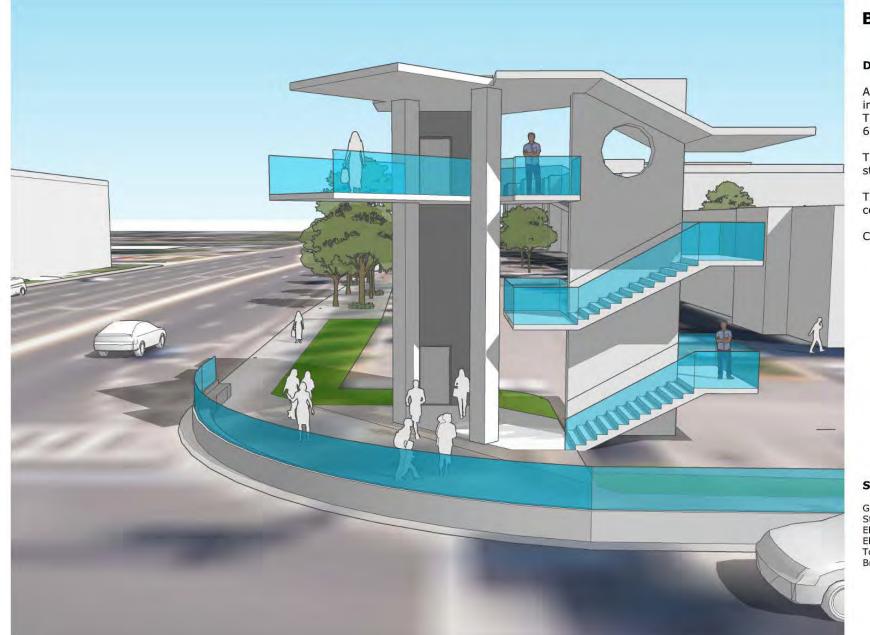
221sf 6' Wide 10' x 8'-4" 6'-8" x 5'-5" 531sf 10'-0"



Public Meeting #1

| Vertical Circulation - Bridge Tower Option 2 - Plan





Description

A very inviting stair traversing 24'-0" in height. Each stair run is 6' rise. The treads are 12" and the risers are 6" for easy climbing.

The Elevator is 3500# capacity and is stretcher compliant

The overall site area required for this configuration is 35' x 40'

Crosswalks have been removed.

Summary

Ground Floor Platform Stair Width Elevator Shaft Elevator Cab Size Total Ground Level Footprint Bridge Width 221sf 6' Wide 10' x 8'-4" 6'-8" x 5'-5" 531sf 10'-0"



Public Meeting #1

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A JOINT VENTURE

Sidewalk Glass Wall at Rear of Elevator for Security and Potential Visual Feature Elevator Platform 9'-0" x 22'-0" **Barrier Seat Wall with** Bridge **Decorative Screen** Above Sidewalk Below

Bridge Tower Option 3

Description

A very inviting stair traversing 24'-0" in height. Each stair run is 4' rise. The treads are 12" and the risers are 6" for easy climbing.

The Elevator is 3500# capacity and is stretcher compliant

The overall site area required for this configuration is 22' x 24'

Glass Back Elevator provides additional Safety and creates a visual feature

Seat bench barrier and protective screen wall protects pedestrians and prevents on grade crossing.

Crosswalks have been removed.

Summary

Ground Floor Platform Stair Width Elevator Shaft Elevator Cab Size Total Ground Level Footprint Bridge Width 192sf 6' Wide 10' x 8'-4" 6'-8" x 5'-5" 506sf 10'-0"



Public Meeting #1

| Vertical Circulation - Bridge Tower Option 3 - Plan

HHCP&AVCON

A JOINT VENTURE



Description

A very inviting stair traversing 24'-0" in height. Each stair run is 4' rise. The treads are 12" and the risers are 6" for easy climbing.

The Elevator is 3500# capacity and is stretcher compliant

The overall site area required for this configuration is 22' x 24'

Glass Back Elevator provides additional Safety and creates a view of businesses at the associated corner.

Seat bench barrier and protective screen wall protects pedestrians and prevents on grade crossing.

Crosswalks have been removed.

Summary

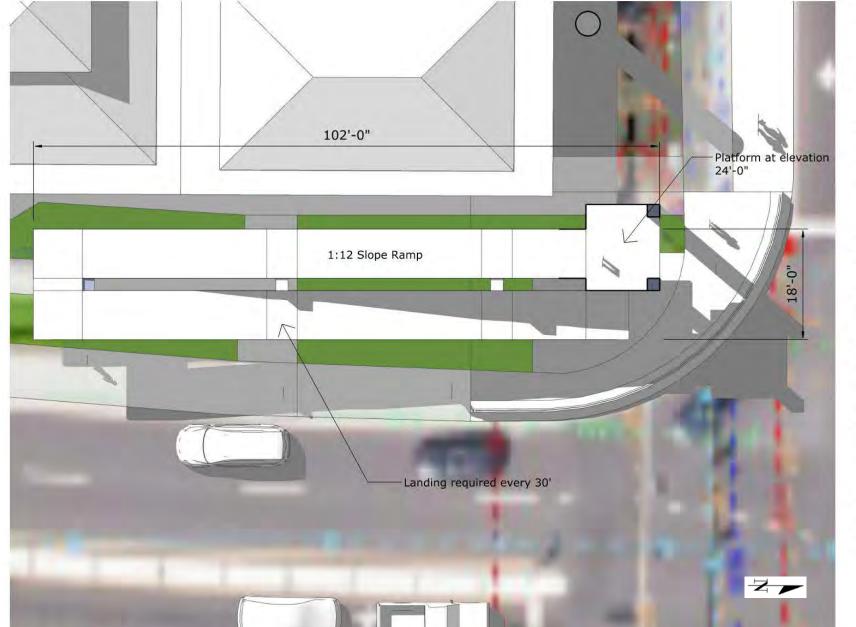
Ground Floor Platform Stair Width Elevator Shaft Elevator Cab Size Total Ground Level Footprint Bridge Width 192sf 6' Wide 10' x 8'-4" 6'-8" x 5'-5" 506sf 10'-0"



Public Meeting #1

| Vertical Circulation – Bridge Tower Option 3 – SE Corner Perspective





Ramp Option 4

Description

The Ramp option meets the needs of egress and accessibility in a single ramp component. The disadvantage to the ramp configuration is that users must climb or descend a ramp that is almost 350' long. The ramp is useable by strollers and bicycles. This option requires very little maintenance and has no power requirements or moving parts.

The biggest drawback to the ramp is its footprint size and its visual obstruction of the businesses on the 4 corners of the intersection.

The ramps are located along International Drive based on the availability or right of way and unencubered property along this roadway.

The Ramp is stretcher compliant and accessible by first responders.

The area required for this option is $18' \times 100'$.

Crosswalks have been removed.

Summary

Ground Floor Platform 192sf Ramp Width 8' Wide Total Ground Level Footprint 1728sf Bridge Width 10'-0"



Public Meeting #1

| Vertical Circulation - Ramp Option 4 - Plan - Southwest Corner





Ramp Option 4

Description

The Ramp option meets the needs of egress and accessibility in a single ramp component. The disadvantage to the ramp configuration is that users must climb or descend a ramp that is almost 350' long. The ramp is useable by strollers and bicycles. This option requires very little maintenance and has no power requirements or moving parts.

The biggest drawback to the ramp is its footprint size and its visual obstruction of the businesses on the 4 corners of the intersection.

The ramps are located along International Drive based on the availability or right of way and unencubered property along this roadway.

The Ramp is stretcher compliant and accessible by first responders.

The area required for this option is $18' \times 96'$.

Crosswalks have been removed.

Summary

Ground Floor Platform 192sf Ramp Width 8' Wide Total Ground Level Footprint 1728sf Bridge Width 10'-0"



Public Meeting #1

| Vertical Circulation - Ramp Option 4 - Looking North on International Drive





Meeting Number Three

Preliminary Bridge Concepts



Results of PAG meeting 1 & 2

- 1. Include barrier at intersections to prevent on grade crossing.
- 2. Utilize Stair and Elevator or Ramp at each intersection (best option for each corner)
- 3. Minimize impact on existing utilities and on adjacent property owners.
- 4. Create an Iconic Gateway to the Convention and Entertainment District
- 5. Consider potential bridge connections to adjacent properties (both elevated and on grade).
- 6. Consider experience of those traveling under the bridge as well as those experiencing the bridge by crossing it.
- 7. Bridge design should consider pedestrians, strollers, and bicycles.
- 8. ADA accessibility is critical at all intersections.



Bridge Configuration Square Option

Description

The square bridge configuration is the most pragmatic of the options reviewed.

The square bridge has the simplest structural configuration with four simple bridge spans.

The most challenging part of this configuration is its simplistic form, and lack of dynamic quality. This option suffers from its lack of positive user experience with the focus of crossing being straight ahead with people walking with you and against you. Also the requirement to make 90 degree turns at the intersections make this the least favorable user experience.

The overall length of the bridge in the square configuration is the third longest of all options at 584' of length.

Summary

Average Travel Distance 279'
Bridge Length 584'
Bridge Width 12'-0"





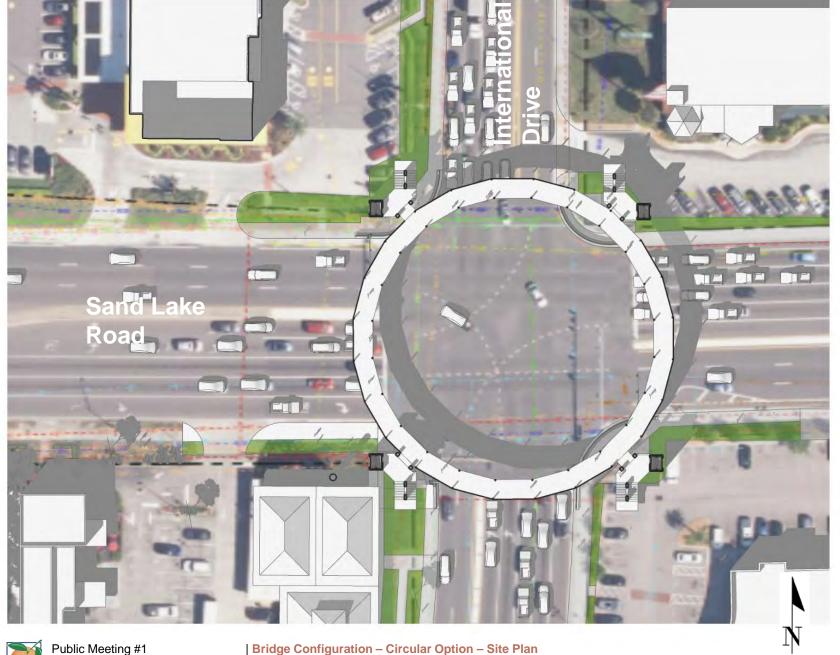








Public Meeting #1



Bridge Configuration Circular Option

Description

The I -Drive 2040 Vision Plan identified the importance of the I-Drive / Sand Lake Rd. intersection as a key gateway opportunity for the Convention and Entertainment District.

Not only does this intersection have the opportunity to create a unique gateway for visitors coming from I-4 and the International Airport, but it also can improve pedestrian safety at one of the busiest intersections in Central Florida.

The steering group looked at multiple examples of gateways around the world and the circular option was represented in the 2040 Visioning Book.

The overall length of the bridge in the Circular configuration is the longest of all options at 816' of bridge length.

Summary

Average Travel Distance 284' 816' Bridge Length 12'-0" Bridge Width



| Bridge Configuration - Circular Option - Site Plan

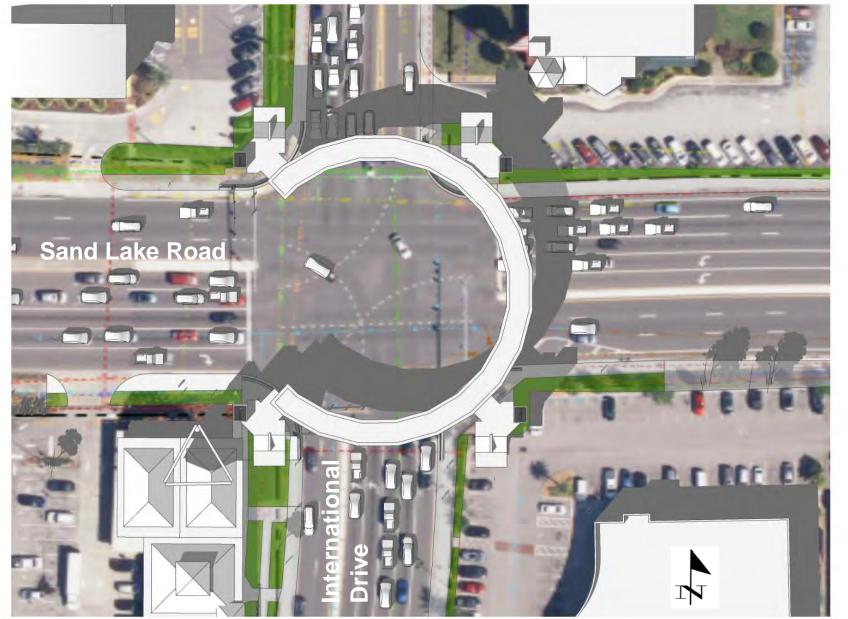






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A JOINT VENTURE



Bridge Configuration "C" Option

Description

The "C" Shaped bridge configuration provides most of the benefits of the Circular bridge configuration, but reduces the overall bridge length by 237'.

The overall length of the bridge in the Circular configuration is the longest of all options at 579' of bridge length making it the fourth most efficient configuration of the bridges analyzed.

In addition the curved sections add to the crossing experience by limiting the long view across the bridge and maximizing the views to surrounding businesses while the users traverse the bridge.

The open leg of the bridge creates a unique gateway for cars coming from I-4 traveling in any direction.

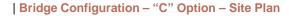
The biggest negative of this configuration is the increase in travel distance when traveling between the SW and NW intersections.

Summary

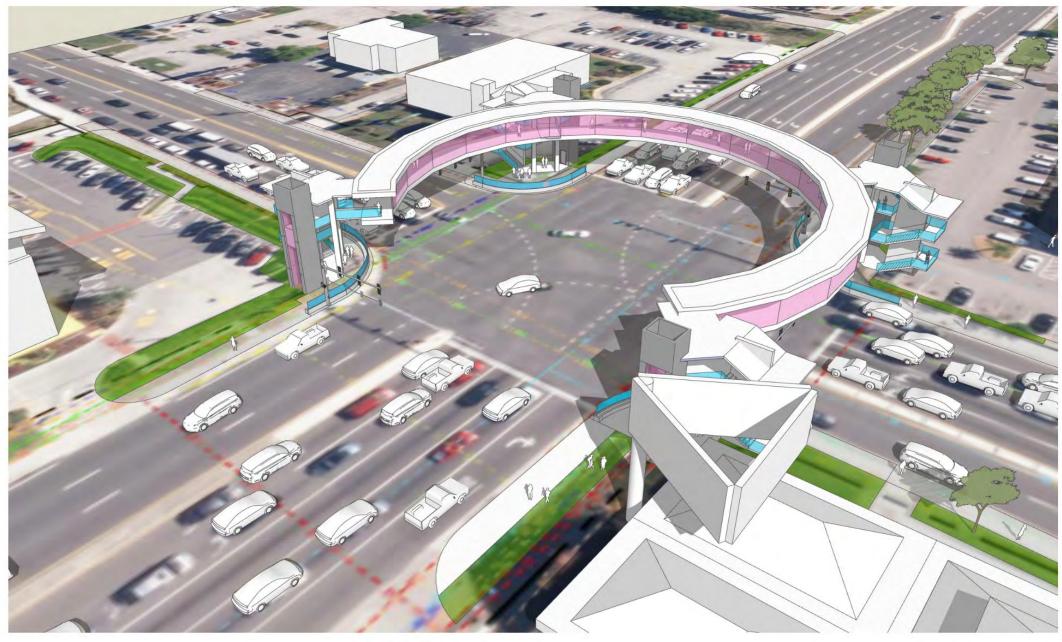
Average Travel Distance 386' 579' Bridge Length 12'-0" Bridge Width







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Bridge Configuration "I" Option

Description

In PAG meeting #2 there was interest expressed for the "I" configuration with an obvious connection to International Drive.

We originally looked at the "I" configuration and were concerned over the 90 degree turns in the bridge and straight runs of bridge section with 2-way traffic. First thought was to start to round the intersections of the "I" to create serif's.

With the new curved serif's on the "I" it no longer seemed necessary to have the straight connector sections crossing International Drive.

This thought process led to the evolution of the "I" configuration into the Interlocking "C" configuration.

The overall length of the bridge in the "I" configuration is the second shortest of all options at 402' of length.

Summary

Average Travel Distance 226'
Bridge Length 402'
Bridge Width 12'-0"



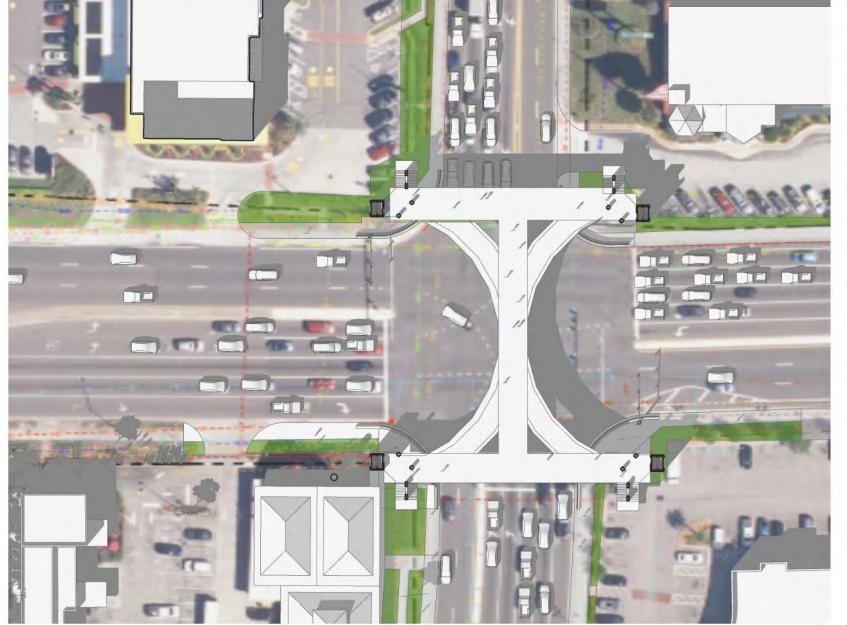
Public Meeting #1

| Bridge Configuration—"I" Option – Site Plan









Bridge Configuration "I" Option - Modified

Description

In PAG meeting #2 there was interest expressed for the "I" configuration with an obvious connection to International Drive.

We originally looked at the "I" configuration and were concerned over the 90 degree turns in the bridge and straight runs of bridge section with 2-way traffic. First thought was to start to round the intersections of the "I" to create serif's.

These new connectors make the bridge pedestrian experience better but create multiple paths and greatly increase the length of the bridge.

The overall length of the bridge in the modified "I" configuration becomes much longer than the "I" option at 686' of length.

Summary

Average Travel Distance 195'
Bridge Length 686'
Bridge Width 12'-0"



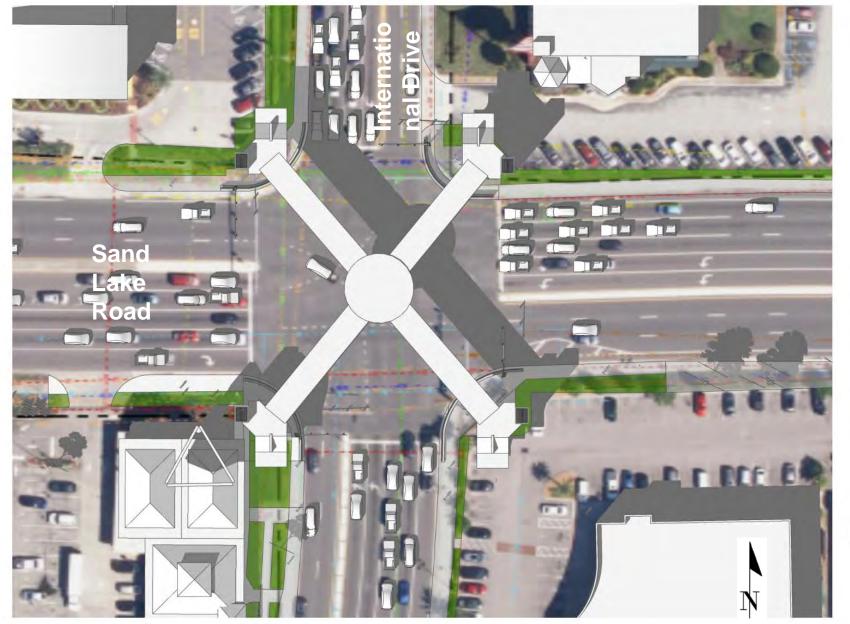
Public Meeting #1

| Bridge Configuration – "I" Option Modified – Site Plan









Bridge Configuration "X" Option

Description

The "X" configuration consists of two straight bridge runs intersecting in the middle of the intersection.

The overall length of the bridge in the "X" configuration is the third shortest of all options at 420' of length and has the third shortest average travel distances of the options considered.

One benefit of this configuration is that the travel distance to every other intersection is exactly the same. The negative of this configuration is that the shorter distances across International drive are actually longer in this design.

There is an opportunity for a unique feature at the crossing point of the bridge which all users will experience.

The straight bridge sections create a less desirable experience and users have to make a turn at the center section unless they are traveling diagonally across the intersection.

Summary

Average Travel Distance 210'
Bridge Length 420'
Bridge Width 12'-0"



Public Meeting #1

| Bridge Configuration

"X" Option

Site Plan

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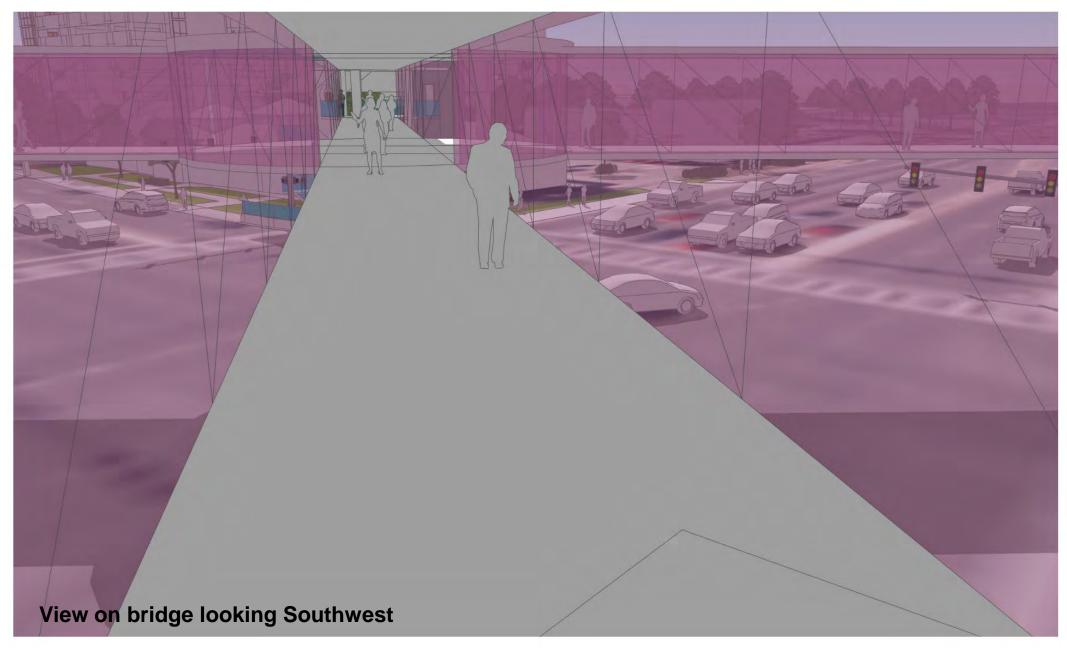






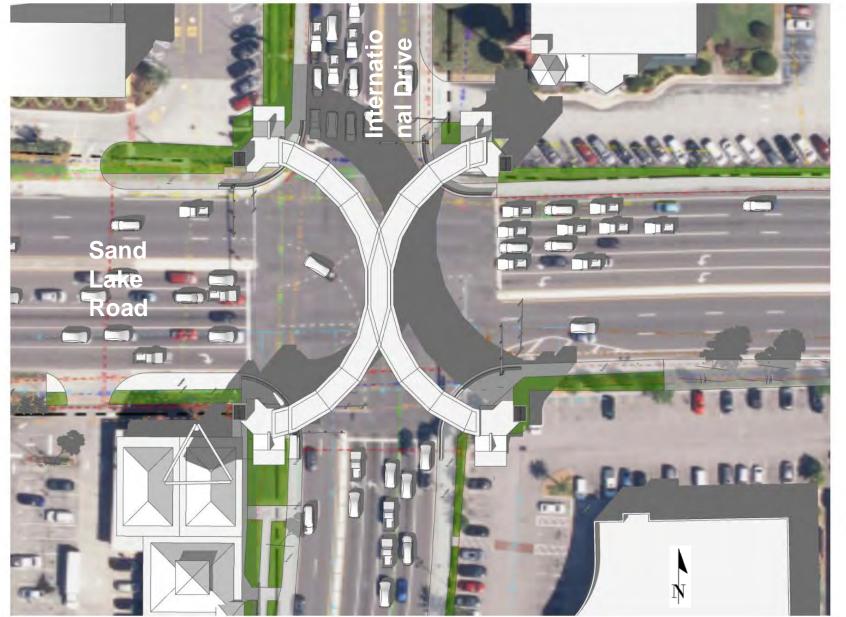












Bridge Configuration Intersecting "C" Option

Description

The interlocking "C" Shaped bridge configuration evolved from the "I" configuration. This bridge configuration provides a similar travel distance to all intersections served.

The overall length of the bridge in the Interlocking "C" configuration is the shortest of all options at 395' of length and has one of the shortest average travel distances of the options considered.

In addition the curved sections add to the crossing experience by limiting the long view across the bridge and maximizing the views to surrounding businesses while the users traverse the bridge.

There is an opportunity for a unique feature at the crossing point of the bridge which all users will experience.

This configuration creates a unique gateway for automobiles from all directions. The effect is different for vehicles on International Drive and Sand Lake Rd.

Summary

Average Travel Distance 205'
Bridge Length 395'
Bridge Width 12'-0"



Public Meeting #1

| Bridge Configuration – Interlocking "C" Option – Site Plan









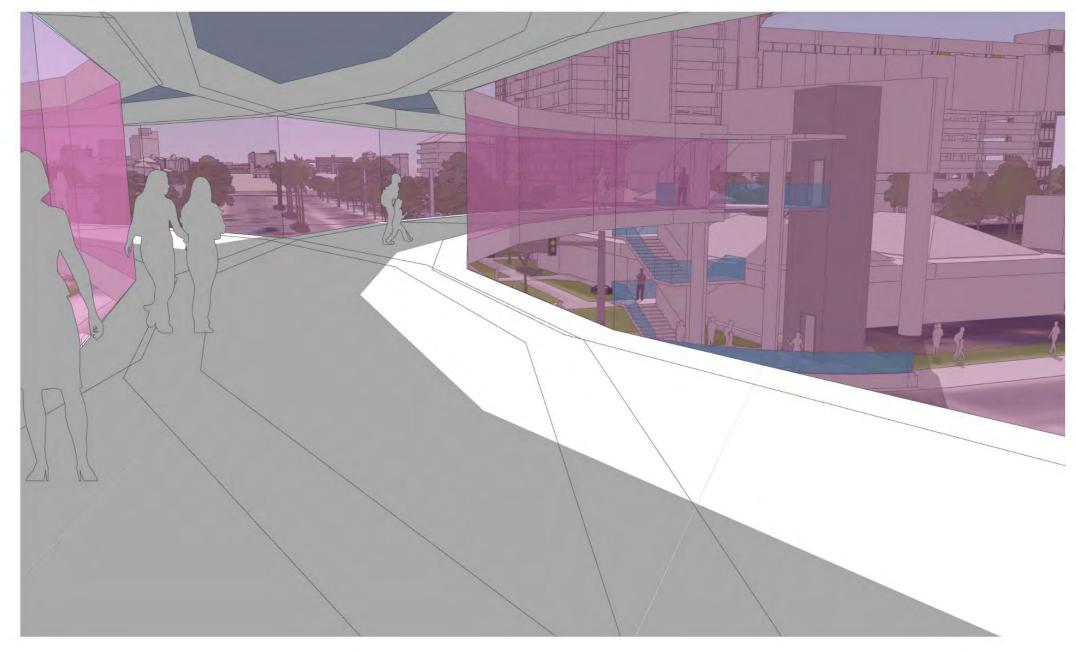














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Bridge Configuration Evaluation Matrix

(lower score is higher ranking)

	Travel Dist. Int. A-B	Travel Dist. Int. A-C	Travel Dist. Int. A-D	Avg. Walk Dist.	Rank	Bridge Length	Rank	Total Score	Rank
Square Configuration	126	292	166	195	1	584	5	6	2
"X" Configuration	210	210	210	210	3	420	3	6	2
Circular Configuration	171	408	272	284	5	816	7	12	5
"C" Configuration	171	408	579	386	6	579	4	10	4
"I" Configuration	126	276	276	226	4	402	2	6	2
Modified "I" Configuration	126	229	229	195	1	686	6	7	3
Intersecting "C" Configuration	158	229	229	205	2	395	1	3	1

A-B	96'
A-C	259'
A-D	132'
Av	g. 162'

McDonalds Perkins D International Walgreens



The highest-ranking option is the Intersecting "C" configuration.

(lowest score = highest ranking)

Note:

Distance from A-C is the same as B-D





Plaza

Results of PAG meeting 3

- 1. Highest Ranked (preferred) Concepts included the Intersecting "C" Concept and The "X" Concept.
- 2. Utilize Stair and Elevator or Ramp at each intersection (best option for each corner)
- 3. Minimize impact on existing utilities and on adjacent property owners.
- 4. Create an Iconic Gateway to the Convention and Entertainment District
- 5. Consider potential bridge connections to adjacent properties (both elevated and on grade).
- 6. Consider experience of those traveling under the bridge as well as those experiencing the bridge by crossing it.
- 7. Bridge design should consider pedestrians, strollers, and bicycles.
- 8. ADA accessibility is critical at all intersections.
- 9. Further develop preferred alternatives. ("X" and Intersecting "C" Options)





Summary

- Curved bridge configurations create a more dynamic visual and a better experience for bridge users.
- Elimination of the crosswalks will increase pedestrian safety and reduce traffic congestion.
- Corner wrapping seat wall/barriers will be required to prevent people from attempting to cross the intersection on grade.
- Bridge configuration has little impact on space required at intersection corners.
- Bridge Configuration Evaluation Matrix shows the "Intersecting C" configuration to be the highest rated option (lowest score).
- We are seeking input on the preferred configuration to meet the operational, aesthetic, budget, and iconic gateway criteria.

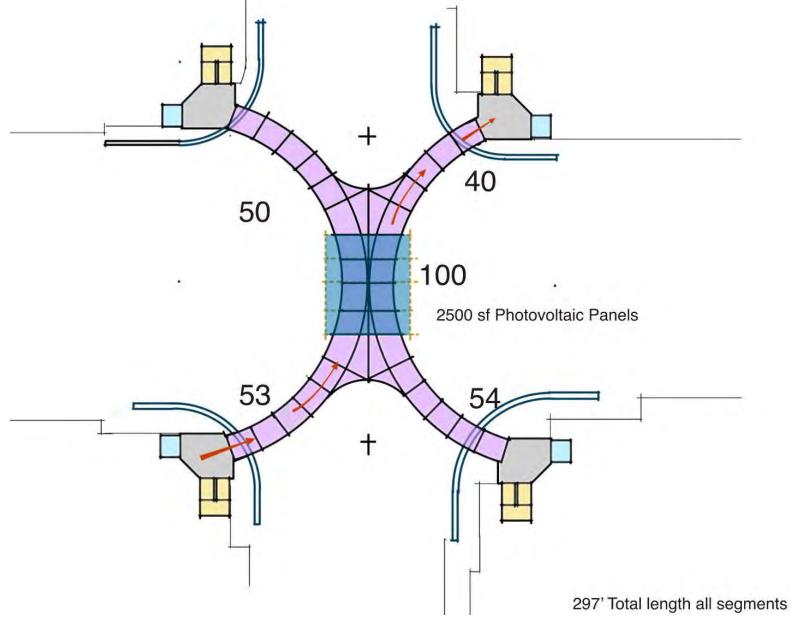


Public Meeting #1

Preferred Schemes Under Development



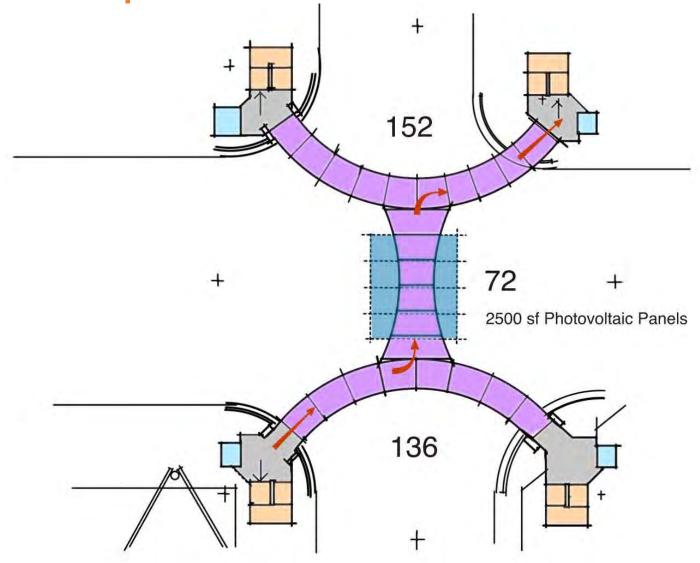
Preferred Option 1







Preferred Option 1



360' Total length all segments







Transportation Planning Division



International Drive Pedestrian Overpass Analysis and Overpass Conceptual Design Study

Public Meeting #1

