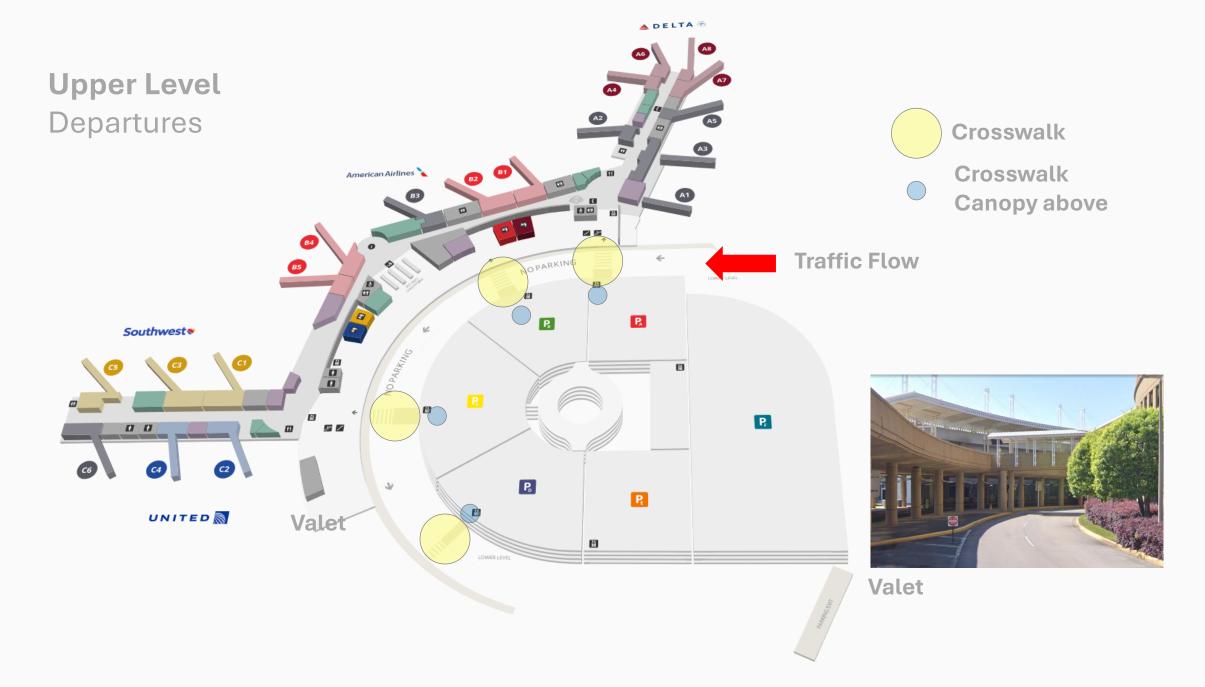
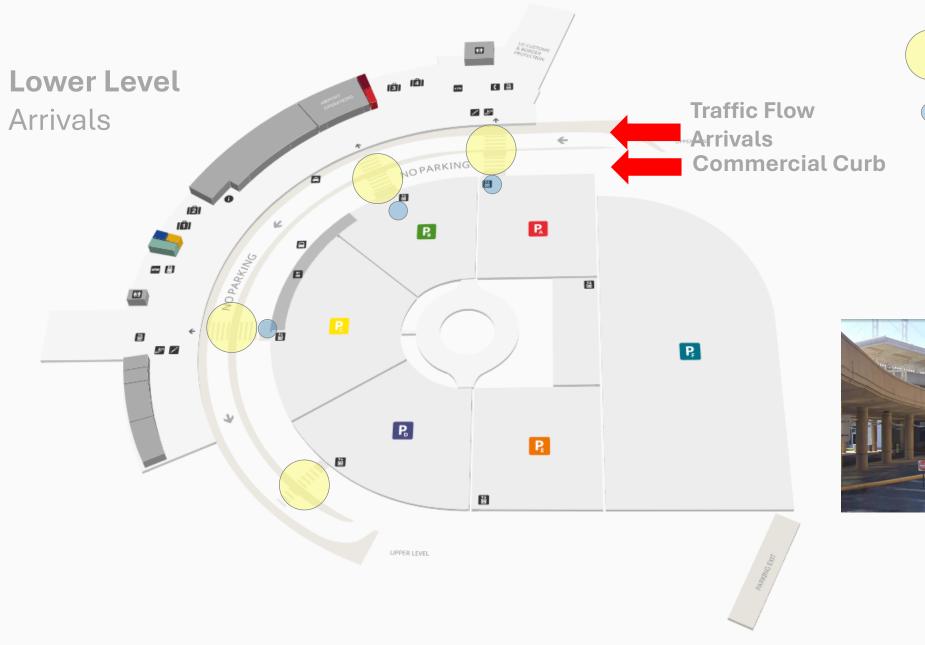


Birmingham-Shuttlesworth International Airport Pedestrian Crosswalk Safety Upgrades Pre-Bid Conference, May 21, 2025, 1:30 PM











Crosswalk
Canopy above

























# **Lightmark Cross Line**



he Solarpath Lightmark Cross Line has been engineered and designed to highlight osswells and pathways.

ie product is both IKLO and IP67, which means the fixture is made by stainless steel and

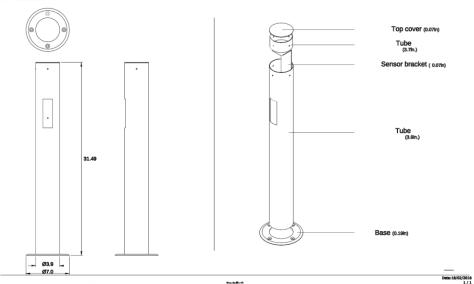
In a product a down ILLU and a Vor, written meals the through a flate by statules sizes after polycurbostants. The ILLU are a 21D oregand and this glists present accord the outside of the state of the ILLU are a 21D oregand and the ILLU are a state of the ILLU are a state of the ILLU are a 1.0 state or the

schnology and Operation		
Energy source	- Soler modules - Puternal DC feed	Ideal for Installation in crosswalks.
Power Supply	12V DC, 240mA	Low profile to not disturb disculation.
Power Consumption	2.88W	Large lighted area for visual impact.
Power Cable	+VDC, GND	Sultable for regular traffic zones of vehicles.
Duminetion technology	24 x Ultra-bright ofirm LEDs.	Robust construction with high strength.
		Wired system that can be powered by electric or solar energy.     Easy maintenance.  Incredibly durable and long lesting:
		Statnless steel body
Burelostier Properties	Steedy Light (Other modes of operation like	ICLO Resistance
velleble flesh petterns	fleshing or enguential are evallable with external	Absolute weter resistance (P67)
	controller)	Certificate- CIL ROBS.
ivaliable colors	White/ Warm white, Blue, Red, Green, Amber,	La Constitution (MERCON)
Another treats	Blue	Uses and Applications:
Viewing Angle 128* Opening angle metrix Meterial and Destan		<ul> <li>In-Ground signaling applications (parking lot entrances, toil plazalane control etc.)</li> </ul>
been		<ul> <li>Areas with inciement weather conditions (coastal roads, foggy</li> </ul>
lover lover	Stafnless steel league with polycerbenets	<ul> <li>areas, wet and rainy regions, etc.)</li> </ul>
	Akminum	Crosswells, blice and pedestrian lanes
tmendons - Body	39,87" x3,99" x 1,89" / 1000mm x 500mm x 40mm	Ship and water craft decks
shing above grade	No elevation above the surface	
Vorlding temperature	-53*F~-585*F	Entertainment areas, parking lots, hotel entrances, gas stations and
volection index	1767, 0010	many morel
	CF 6	Contact your local SolarPath Sun Solutions representative below:



## **Infra-Red Bollard**

## Dimensions





The LineLight R1 is a high-intensity, heavy duty wired marker for uni-directional marking.

- Sozer modules
- External DC feed
- Hybrid - Soier & External DC backup feed
12V-36V DC, 80mA
12 x Ultra-bright etimm LIDs.



### Incredibly durable and long lasting:

- Stainless steel body Military-grade high mechanical resistance design - resistant to tanis, trucks, snow plows and other heavy machinery
   High compression strength (1000kg / cm)
- Absolute water resistance (IP68)

- With a variety of LED colors the R1 can be configured to change colors as needed an Ideal feature for applications such as parking lot entrances, lane delineation and toll plaza lane signaling.
- Adlustable luminance levels Programmable Flashing, sequential flashing or steady lighting and timer configurations
   Optional PC, RF and GSM Remote control

A fixed base and a removable main unit body allows for easy maintenance if needed

- Tunnels, parking lots, Indoor spaces, walkways
- In-Ground signaling applications (parking lot entrances, toll plaza lane control etc.)
- Areas with inclement weather conditions (coastal roads, foggy
- areas, wet and rainy regions, etc.)

  Crosswalks, blke and pedestrian lanes
- Ship and water craft decks
- Entertainment areas, parking lots, hotel entrances, gas stations and many morel









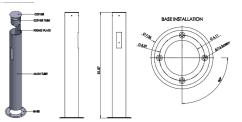




# **INFRARED BARRIER INSTALLATION**

## Infrared Barriers Installation

There are 4 infrared barriers that should be installed in set of two in each entry of the crosswalk. The barriers are installed in the sidewalk with 4 x 5/16 screws and 4 metallic sleeves.

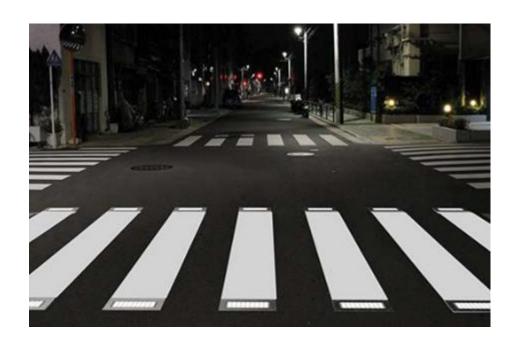


to property work, the barriers should be installed at the same height level and must be 100% aligned. In the image below it's shown an easy way to align the barners:

- Facing the barriers to each other the too screws placed right above the sensor have to

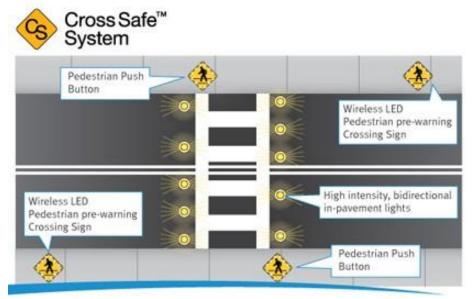




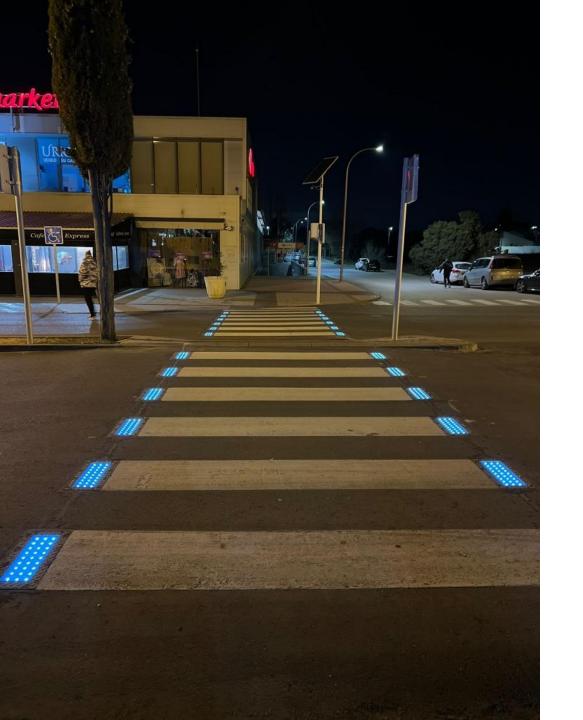








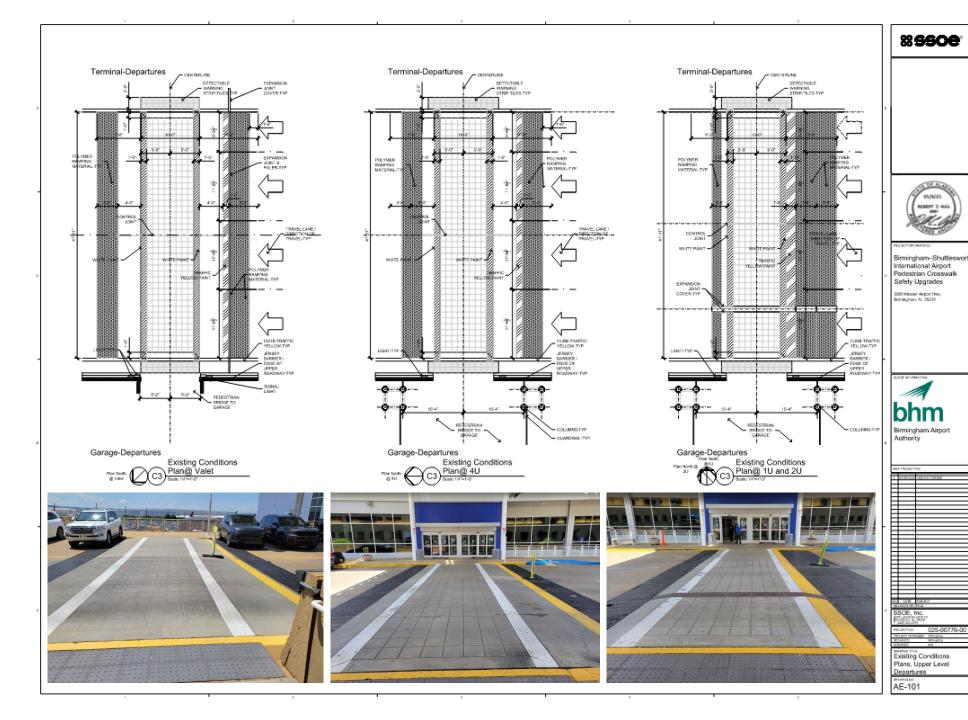




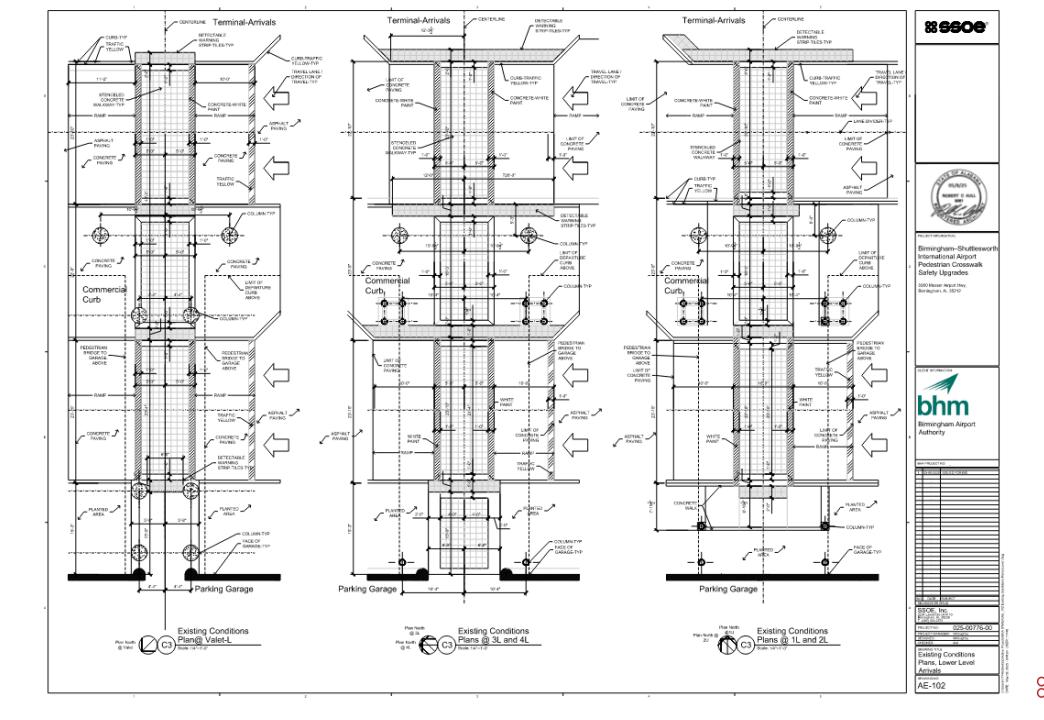




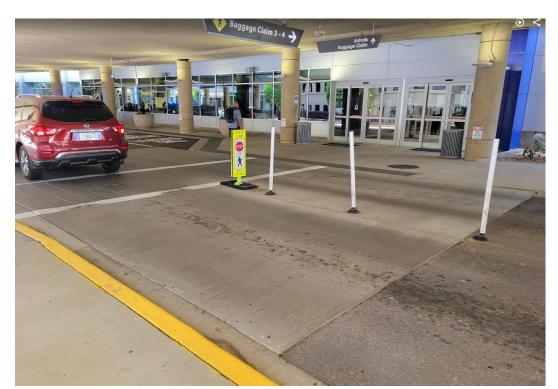


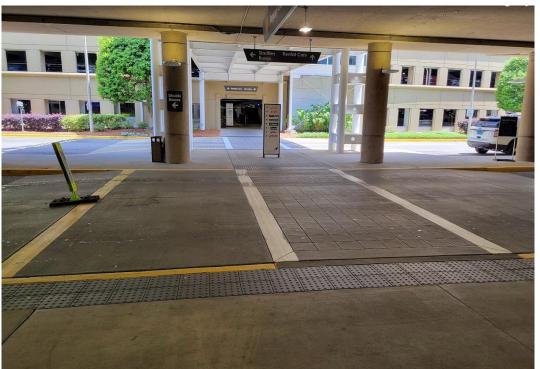


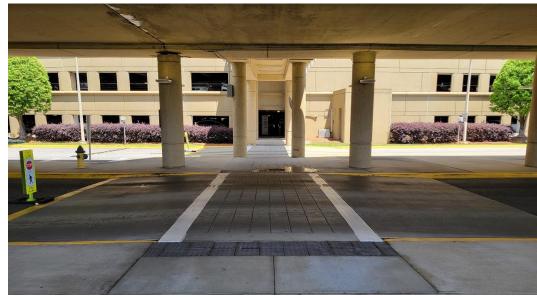




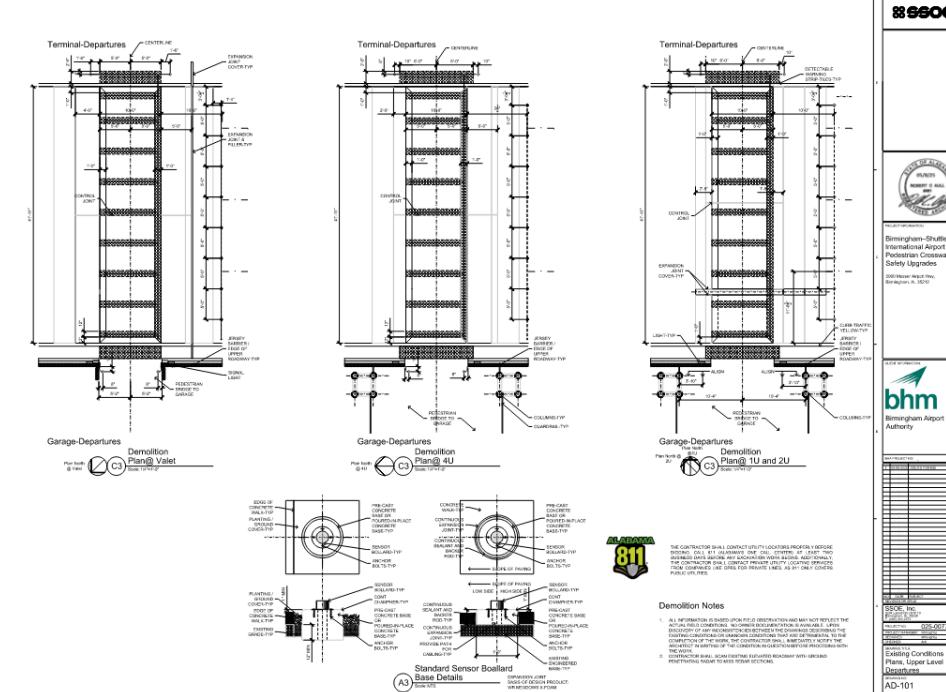












**8550e** 



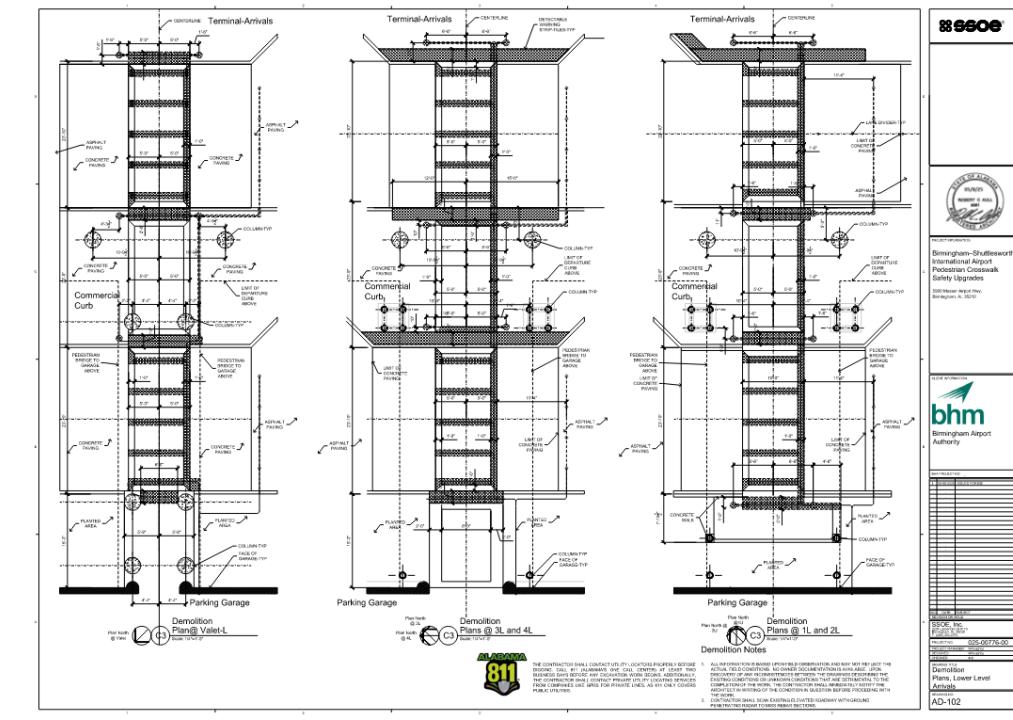
Birmingham-Shuttlesworth International Airport Pedestrian Crosswalk Safety Upgrades

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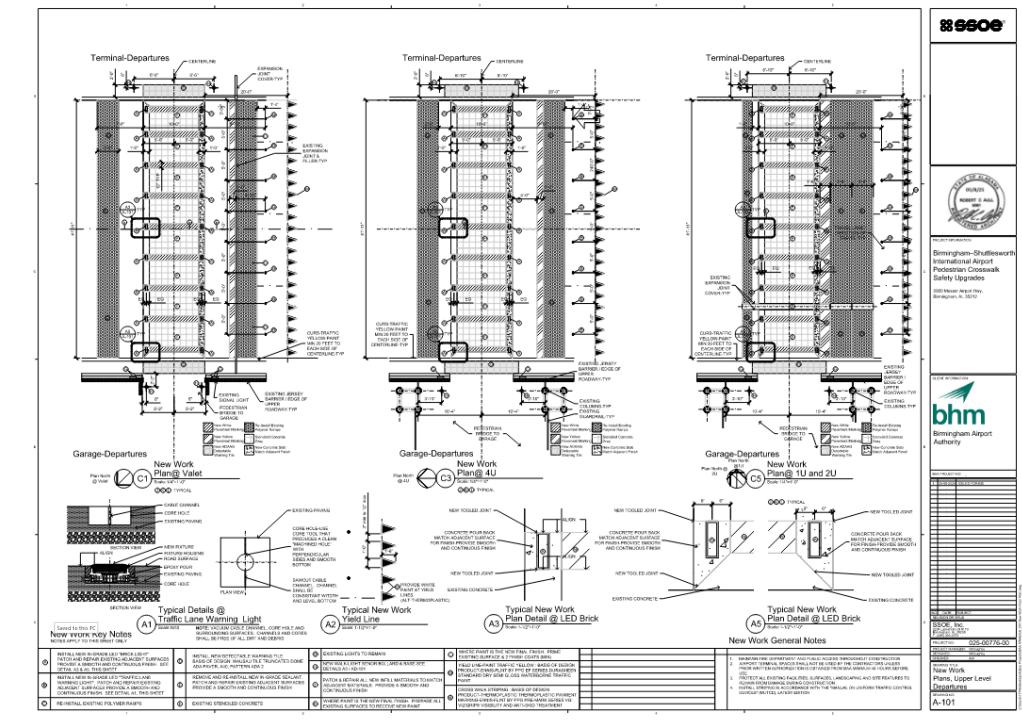


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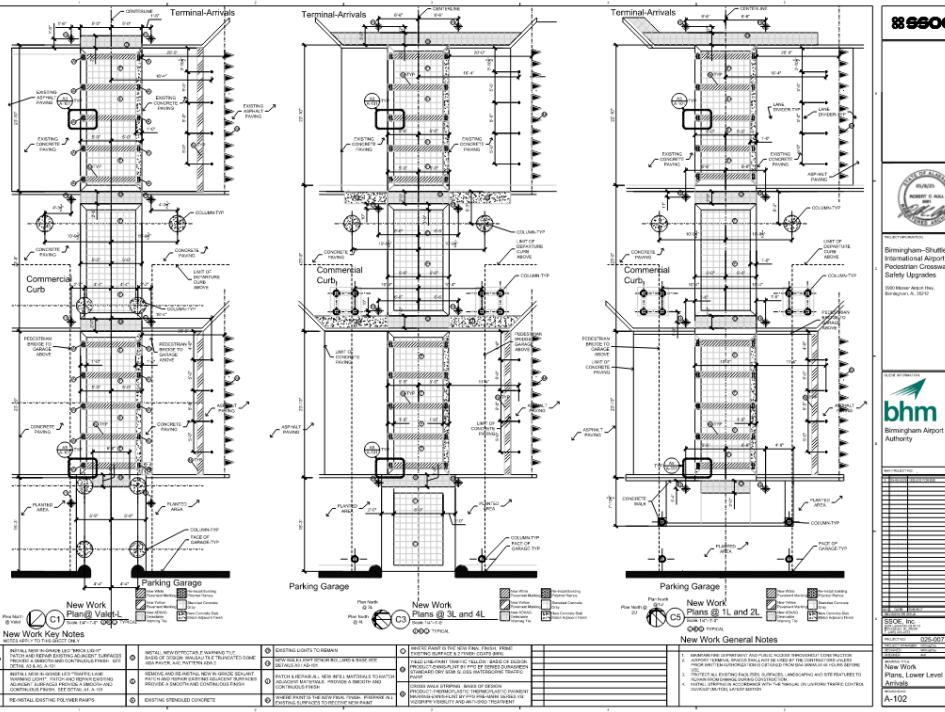




**SSOE®** 











Birmingham-Shuttleswort International Airport Pedestrian Crosswalk



Birmingham Airport

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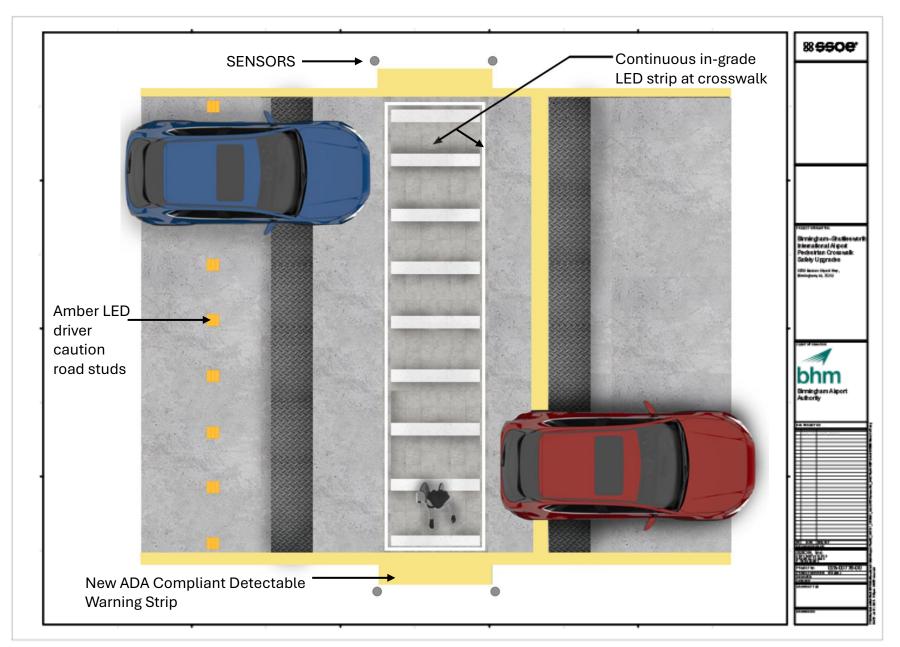






Pedestrian Crosswalk Safety Upgrade (Alternate B-White

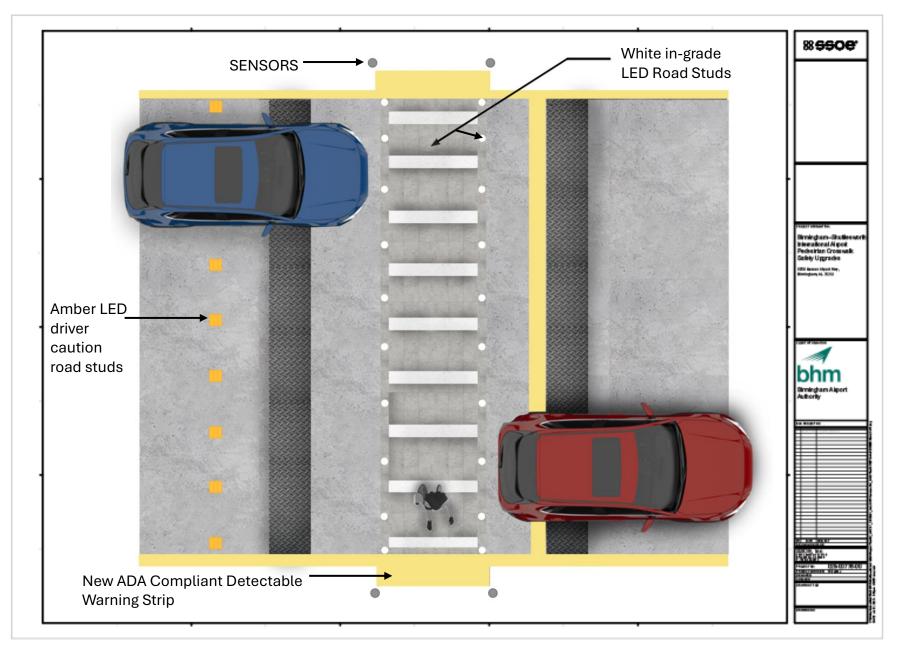
LED Crossing Box)





Pedestrian Crosswalk Safety Upgrade (Alternate A-All Road

Studes)





Pedestrian Crosswalk Upgrade (Base Bid-LED

Bricks at Crosswalk)

