

California Bicycle Advisory Committee Meeting

August 1, 2013



Introduction: Presentation Overview

What Is In Store For The Presentation



GlowFlective
a division of Blockaides, Inc.

THANK YOU

We appreciate this opportunity to meet with everyone so that we can have this important conversation.

WHAT WE WILL COVER

Introduction Who Are We

Background Photoluminescent Technology (PL) & Products

Product Applications

Q&A Session

GOALS

Establish general understanding of photoluminescent technology

Introduce PL products and technology as they relate to bicycle & pedestrian applications

Explore bicycle & pedestrian safety challenges and potential PL solutions

Discuss reviews, comments and next steps of CBAC meeting members and attendees as they relate to possible CTCDC consideration for experimentation using PL technology for bicycle and pedestrian safety

Introduction: Who Are We

About Your Presenters And How We're Related



Company Profile: GlowFlective manufactures products that integrate Photoluminescent (PL) and/or Retroreflective (RR) technologies that are designed to promote safety in various municipal, industrial and commercial applications.

Mission: Illuminate Paths Of Travel For Improved Aesthetics And To Make Them Safer In A Sustainable Way.



Company Profile: Through thirty-five years of hard work with an unyielding commitment to providing quality service and customer satisfaction, the DeAngelo brothers have grown DBi Services into its current position as the global leader in infrastructure operations and maintenance.

Core Values: Customer Service, Employee Development, Growth, Flexibility, Pride, Safety, Profit



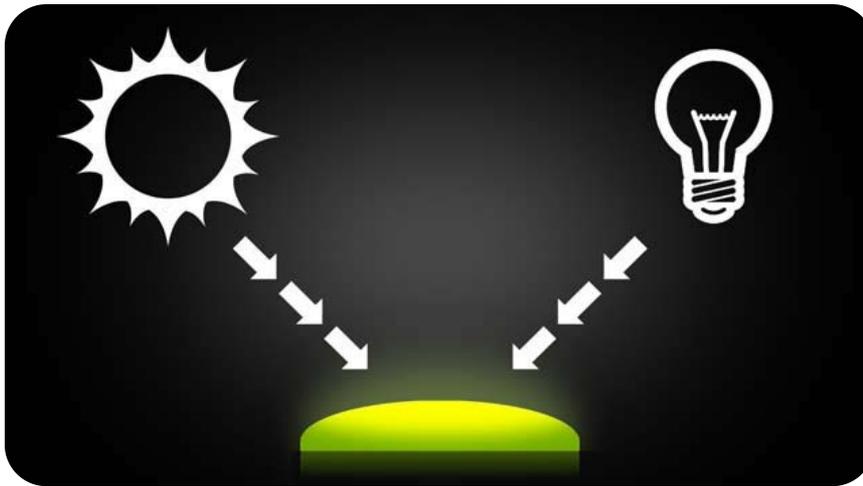
Company Profile: The Texas A&M Transportation Institute (TTI), a member of The Texas A&M University System, seeks solutions to the problems and challenges facing all modes of transportation. TTI is recognized as one of the finest higher education-affiliated transportation research agencies in the nation.

Mission: is to solve transportation problems through research, to transfer technology, and to develop diverse human resources to meet the transportation challenges of tomorrow.

Background: Photoluminescent Technology

PL Technology & How It Works

CHARGE SOURCE



CHARGE TIME & GLOW DURATION



Charge Source Photoluminescent technology enables our products to absorb and store light energy from any light source, then in the dark, the energy is released as a bright glow.

Charge Time Products charge in as little as 15 seconds of direct sunlight or a maximum of 30 minutes from artificial light sources such as fluorescent light bulbs.

Glow Duration Products are at their brightest for the first 2 hours, and still visible after 12 hours.

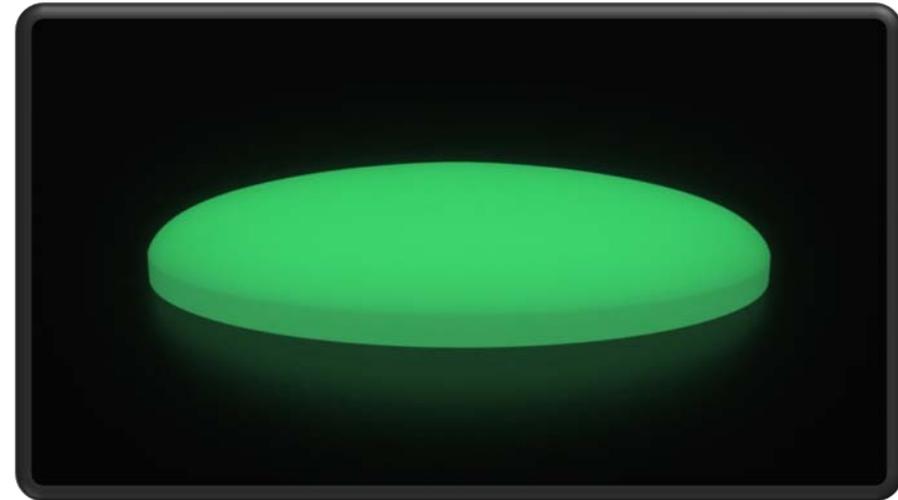
Background: Product Introduction

Existing Products For Discussion - SPOTdots

SPOTdots (Light)



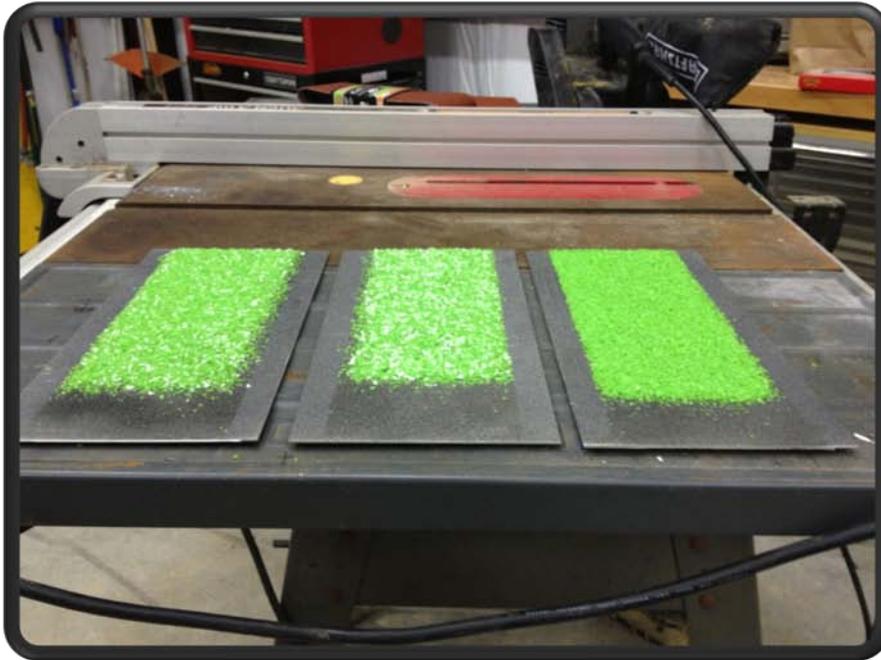
SPOTdots (Dark)



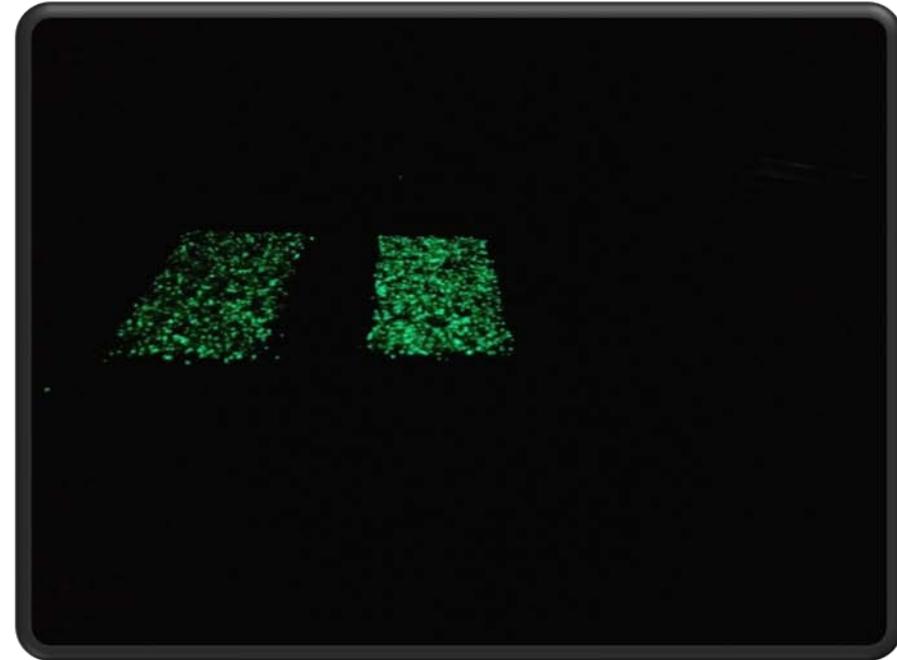
Background: Product Introduction

Existing Products For Discussion - Aggregate

Aggregate (Light)



Aggregate (Dark)



Background: Product Introduction

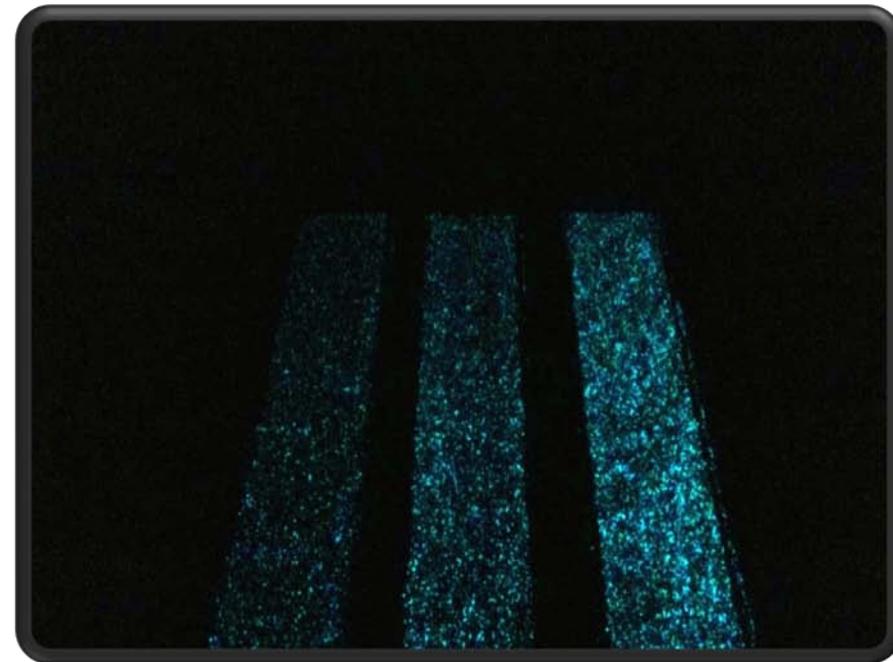
Existing Products For Discussion – Aggregate Test Results

Aggregate (Light)



0%PL 12%PL 20%PL 33%PL 0%PL

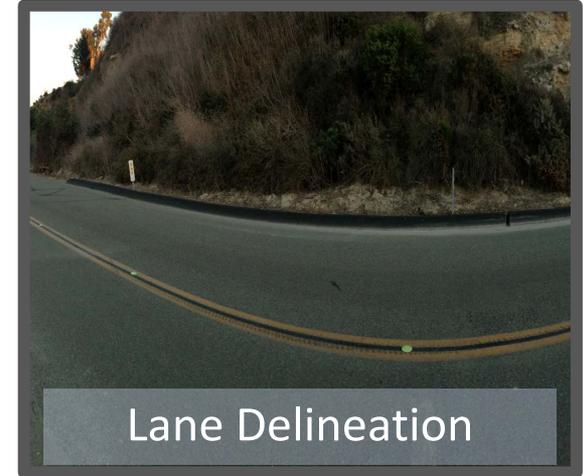
Aggregate (Dark)



0%PL 12%PL 20%PL 33%PL 0%PL

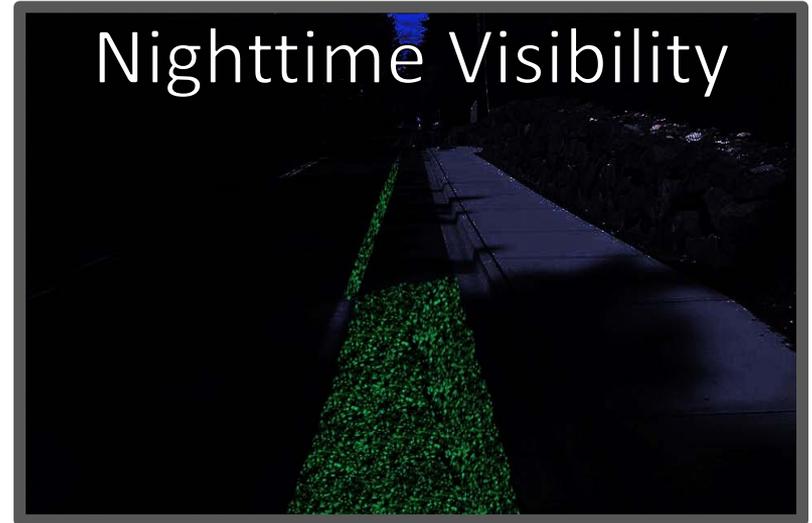
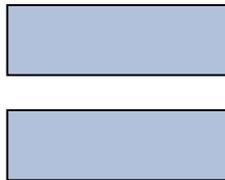
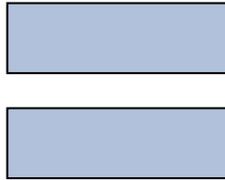
Product Applications

Concepts & Ideas For Discussion



Product Applications

Concepts & Ideas For Discussion – Green Lanes



Product Applications

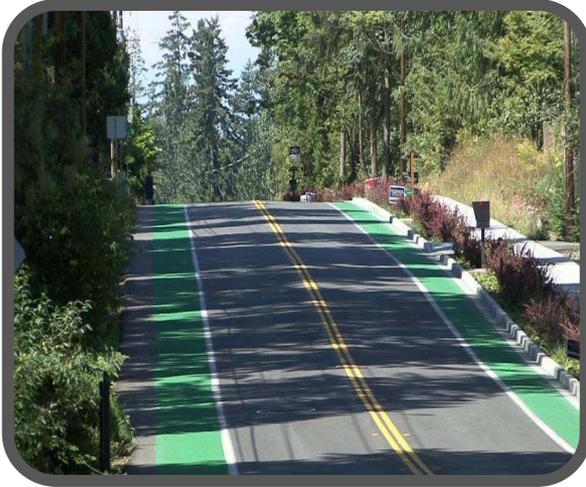
Concepts & Ideas For Discussion – Green Lanes Continued



***Simulation* created to give viewer a realistic visual of some of the different PL aggregate application options being proposed and discussed.

Product Applications

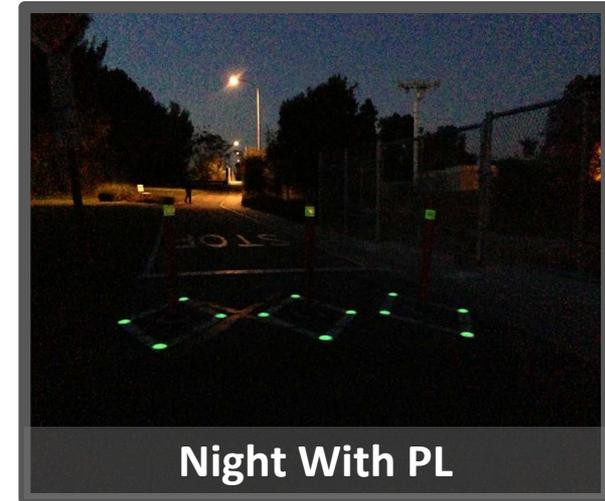
Concepts & Ideas For Discussion – Green Lanes Continued



Product Applications

Concepts & Ideas For Discussion – Hazard Identification

Accident Prevention & Injury Reduction



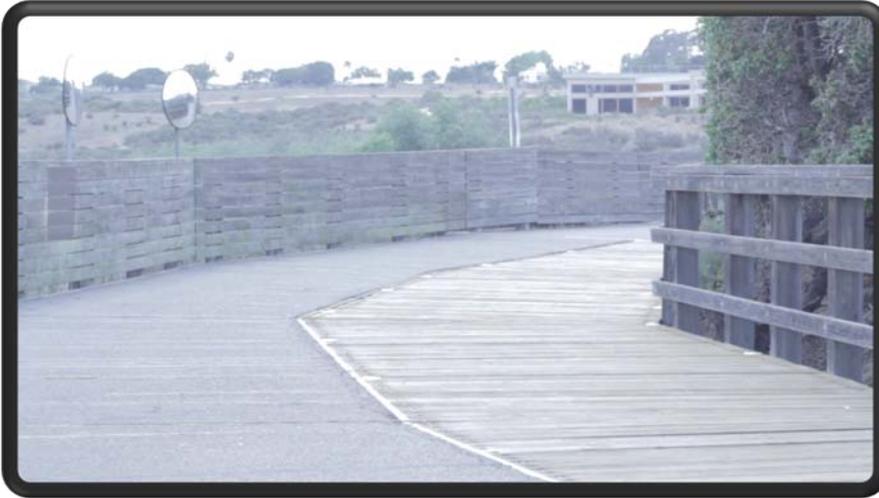
Product Applications

Concepts & Ideas For Discussion – Lane Delineation



Product Applications

Concepts & Ideas For Discussion – Lane Demarcation



Product Applications

Concepts & Ideas For Discussion – Delineate Crossings



Question and Answer Session

You Are Now Free To Ask Any Questions

Q & A

QUESTION AND ANSWER
SESSION

THANK
YOU FOR
COMING

How do we meet to have a one-on-one discussion?

Contact Us

Ways To Get A Hold Of Us – Our Contact Details



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