

*Protect Drivers and Crews*



**Screen-Safe™**  
**Work Zone Safety / Median Glare Shield**

# Types of Glare Screens



- Discontinuous, Discrete Element Systems
  - Molded Plastic Paddles
  - Extruded FRP Paddles
- Continuous Systems
  - Slip-Formed PCC
  - Metal Fabric DRC Screen-Safe

# Screen-Safe™ Materials



- Structural Grade Components include: Post Bolt, Concrete Anchor, Connector Plate, End Cable Assembly
- 24" High, Continuous Runs
- May be Relocated
- Custom Colors Available

# Structural Materials



- Pre-Engineered System Components Minimizes Assembly Time
- “Unique” Double-Reverse Corrugated Steel Fabric (DRC)
- Hot-Dip Galvanized to ASTM A-653, Coating Designation G90
- Light Gray, Medium-Gloss Powder Coat Epoxy Paint with Zinc

# Features / Advantages



- Removes Distracting Headlight Glare from All Angles
- Fast Installation, Self-Supporting
- Cost Effective, Easy to Maintain
- Diffuses Wind Gusts Safely
- Eliminates Distraction in Work Zones
- Resists Damage from Snowplows

# Guardrail Installation



- Attach the  $\frac{3}{4}$ " eye bolt to angle bracket at the end of the run
- Attach the turnbuckle & cable assembly
- Attach the other end of the cable assembly to the first bolt/post
- Insert the  $\frac{3}{4}$ " bolt through the DRC fabric and secure to angle bracket

# Guardrail Installation

- Unroll DRC Fabric Along Guardrail
- Complete Fabric Splice using Splice Plate at the Top and Back-to-Back Angle Brackets at the Bottom
- Thread  $\frac{3}{4}$ " Nut to Bolt/Post Prior to Threading into Angle Bracket
- Cut DRC Fabric with Abrasive Blade on Cut-Off Saw
- Cut at Splice Location, Leaving One Row of Corrugation Width



# *Clint Moore Road Overpass*

- Barrier Mount
- Florida Turnpike M.P. 78.4
- Palm Beach County, FL
- Installation 21-25 June, 2004
- Previous Paddle System Installation Created a Strobe Effect in Nearby Neighborhood





# *Clint Moore Road*

- June 2004 – Present
- Three Hurricane Seasons without Structural Damage



# Applications

- Concrete Median Barriers
- Guardrails
- Curved Roadways
- Access Ramps
- Raised Highways
- Construction Lanes
- Work Zones

