

# Pre-Approved Product Evaluation Request & Summary

Product Evaluation Coordinator  
Colorado Department of Transportation 4670 North Holly Street  
Denver, Colorado 80216

APL Reference No.

CDOT Use Only  
5964-25

Material Code

630.03 CDOT Use Only

Material Code description full name

Traffic Zone, Electronic Sign CDOT Use Only

## Part 1

Product Name:

Spyder Platform

Product category:

Traffic Control\Portable Changeable Message\Trailer Mount

Product Representative / Distributer (name & address):

Rusty Latenser

INEX  
4503 N Hwy 81  
El Reno OK 73036

Manufacturer (name & address):

Rusty Latenser

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4503 N Hwy 81  
El Reno OK 73036

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**Description of the product:** (Include specific quantifiable details from the tech data sheet. Advertising generalities are not appropriate.)

The Spyder Platform is a full sized, full matrix Portable Changeable Message Sign (PCMS). The tow trailer, called the Jeep, transports and then separates from the sign platform. The patented design addresses three problems: Theft, operational and maintenance costs, and collision loss rate. The Jeep's departure eliminates parts theft, massively drops tire requirements and dry rot, and lowers deployment and recovery man-hours. Patent pending swingable outrigger legs double the sign footprint, raising high wind stability 40% over industry standard with sign raised to MUTCD seven-foot requirement. Patent pending cleated footplates, designed specifically for sloped terrain, ensure wind-skid or turning resistance. Extra-long extendable jackstands allow placement on steeper slopes, allowing placement farther from travel lanes, reducing collisions significantly. Solar panels installed in opposing 15-degree angled formation to generate an additional 11 power and help shed snow and aid in self-cleaning by rain.

**Restrictions, (installation and/or use):**

none

**Use of the product, and Benefit to CDOT (be specific to CDOT highway activities only):**

The trailer leaves with tow vehicle, eliminating parts theft. The swing out outriggers radically enhanced stability. - withstand 87 mph versus standard 62 mph. The 29-inch extendable jackstands (compared to 10-15-inch jacks) allow placement on steeper terrain. Ability to place unit farther from road drops collision rates substantially. The LiFePO4 batteries are placed high out of reach and last three times longer than lead-acid batteries.

**Specifications: (listing those applicable is required.)**

<input checked="" type="checkbox"/>	CDOT	CDOT Specification 630.03
<input checked="" type="checkbox"/>	AASHTO	Section 2, 3, 4, 5, 6. Roadside Design Guide, ch 2, 3.
<input checked="" type="checkbox"/>	ASTM	A36, A572, A123 / A123M, A6 / A6M, A325 / A490, F436, A514 / A517, A48
<input checked="" type="checkbox"/>	Other	2023 FHWA MUTCD Section 6L.06
<input type="checkbox"/>	Other	

Certificate of Compliance

Certificate of Verification

**Product Testing:** (National/independent laboratories or universities with Report Date.) A certified Test Report (CTR) is provided to validate all claims.

<input checked="" type="checkbox"/>	AASHTO Product Evaluation & Audit Solutions (NTPEP)	Initial application being processed
<input type="checkbox"/>	ASTM	
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	

State DOT Approvals: Oklahoma

Expiration Date: 5 Year Cycle 01/26/2031

Sample Submitted:  Yes  No  N/A Safety Data Sheets (SDS):  Yes  No  N/A

**Signature is only required if there are CDOT Restrictions as per CDOT Approving Authority**

CDOT Use Only

**Evaluators Signature:**

CDOT use only