

TRAFFIC OPERATIONS POLICY DIRECTIVE	NUMBER 02-02	PAGE 1 OF 3
JOSEPH HECKER, DIVISION CHIEF (Signature) <i>Joseph Hecker</i>	DATE ISSUED 01/29/02	EFFECTIVE DATE 01/29/02
SUBJECT Weathered/Ungalvanized Barrier Rail	DISTRIBUTION <input checked="" type="checkbox"/> All District Directors <input checked="" type="checkbox"/> All Deputy District Directors - Traffic Operations <input checked="" type="checkbox"/> All Deputy District Directors - Maintenance <input checked="" type="checkbox"/> All Deputy District Directors - Construction <input checked="" type="checkbox"/> All Deputy District Directors - Project Development <input checked="" type="checkbox"/> All Deputy District Directors - Transportation Planning <input type="checkbox"/> Chief, Division of Engineering Services <input checked="" type="checkbox"/> Chief Counsel, Legal Division <input type="checkbox"/> Publications (for Distribution to all holders of Traffic Manual) <input checked="" type="checkbox"/> Headquarters Division Chiefs for: <u>Maint., Const., Design, Eng. Service Center, Traffic Ops</u>	
DOES THIS DIRECTIVE AFFECT OR SUPERSEDE ANOTHER DOCUMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IF YES, DESCRIBE	
WILL THIS DIRECTIVE BE INCORPORATED IN THE TRAFFIC MANUAL? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IF YES, DESCRIBE	

DIRECTIVE

Ungalvanized or weathering steel barrier rail elements deteriorate at a rapid rate and may not provide requisite protection. Steel to steel joint subject to wet conditions and salt or coastal/marine conditions are a real concern. The use of this material shall be considered only where rainfall is minimal (under 8 inches per year) and there is no salt in the area. Any exception requires Traffic Liaison written approval.

POLICY DIRECTIVE

IMPLEMENTATION

All new and existing installations of weathering steel or ungalvanized steel guardrail or median barrier shall be examined (annually) to determine their condition. Those installations showing signs of advanced deterioration shall be replaced as soon as possible. Advanced deterioration is defined as visible tubercular rust signs. **Replacement metal parts shall be galvanized.** Questions should be directed to Mr. Ellis Hirst, Chairman, Highway Safety Features New Products Committee (HSFNPC) at (916) 654-2465 or Calnet 8-464-2465.

If checked, see continuation page(s).

BACKGROUND

Previous policy did not allow weathered or ungalvanized steel rail. Some exceptions were made allowing ungalvanized steel to be used in specific locations for aesthetic reasons.

If checked, see continuation page(s).

DEFINITIONS

Meanings of "Shall," "Should," and "May"

To clarify the meanings intended in this Policy Directive by the use of these words, the following definitions apply:

- 1) **Shall** - A mandatory requirement. Mandatory requirements are those considered most essential to achievement of overall objectives of this Policy Directive. Mandatory requirements use the word "shall" and are printed in **Boldface** type.
 - 2) Should - An advisory requirement. Advisory requirements are important also, but allow greater flexibility in application to accommodate varying conditions. Advisory requirements use the word "should" and are indicated by Underlining.
 - 3) May - A permissive requirement. Permissive requirements use the word "may" and indicate that no requirement for application is intended.
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