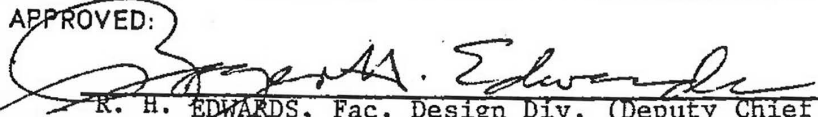


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| TO: SUPERSEDED BY EI 86-001 EFFECTIVE 5/15/86 | <h2 style="text-align: center;">ENGINEERING INSTRUCTION</h2> <p style="text-align: center;">NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p> <p style="text-align: center;">SUBJECT: BAN ON STEEL DRUMS USED AS CHANNELIZING DEVICES IN CONSTRUCTION ZONES</p> <p style="text-align: center;">Subject Code: 7.27-1-619</p> |
| Distribution: <input checked="checked" type="checkbox"/> Main Office <input checked="checked" type="checkbox"/> Regions <input checked="checked" type="checkbox"/> Special | Code: <u>EI 84-59</u> |
| APPROVED:  R. H. EDWARDS, Fac. Design Div. (Deputy Chief Engineer) | Date: <u>11/21/84</u> Supersedes: |

The Standard Specifications allow 30 to 55 gallon steel drums set on end to be used as construction zone delineation devices.

Recently there have been a few instances where the use of these steel drums as channelizing devices in work zones has contributed to the severity of accidents. This problem was discussed at the October 18, 1984 meeting of the DOT-A.G.C. Specifications Committee.

Several manufacturers now make plastic drums that should not contribute to accident severity. Although these plastic drums are more expensive to buy initially, they can be nested and are lighter in weight. It was the consensus of the contractors that the savings in handling costs would offset the higher first cost. Further, the contractors advised us that a ban on the use of steel drums would not increase bid prices as long as they were given enough lead time to make the transition.

Therefore, on the basis of that advice, the use of steel drums as channelizing devices in construction work zones will be prohibited on all projects let on and after April 1, 1985.

The note printed on the back will be inserted in the contract proposals by the Final Plan Review Bureau.

DELINEATION AND GUIDING DEVICES

Make the following change in the Standard Specifications of January 2, 1985:

Pg. 6-44

Under subsection 619-1.02L, modify the second line to read: "...shall include, delineators, plastic drums, cones, railing, temporary curb of any kind (except 12" x 12" or larger..."

Pg. 6-47

Under subsection 619-3.01G, modify the first and second line of the third paragraph to read: "Plastic drums or containers set on end, may be used as delineators, provided they are of proper size and reflectorized as indicated in the New York State Manual of Uniform Traffic..."

Add at the end of the third paragraph:

"Steel drums shall not be used as delineators."

Add as the last sentence in the fifth paragraph:

"When the use of flashers is determined to be necessary the units shall be securely attached or tethered in a manner approved by the Engineer."