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EFFECTIVE 12/27/90

ENGINEERING INSTRUCTION

NEW YORK STATE DEPARTMENT OF TRANSPORTATION

SUPERSEDED BY EI 94-023
EFFECTIVE 1/1/95

SUBJECT: INFORMATION NEEDED TO SUPPORT RETENTION
OF DESIGN FEATURES THAT DO NOT MEET
AASHTO MINIMUM STANDARDS

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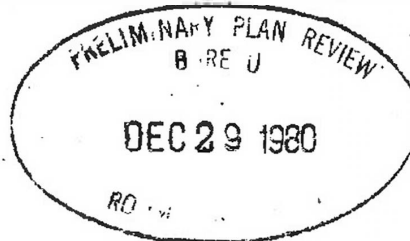
APPROVED:

Supersedes:

Robert A. Edwards
Deputy Chief Engineer (Facilities Design Division)

Attached is a copy of a November 13, 1980 memorandum from FHWA outlining the information they require before taking action on a proposal to retain a substandard feature. Beginning immediately, please submit this information whenever a request is made to retain a less than standard feature.

RHE:RKR:el
Attachment



PREL.	FINAL
DESIGN	LANDSCAPE
RECEIVED FACILITIES DESIGN DIVISION	
DEC 29 1980	
CIRC.	FILE

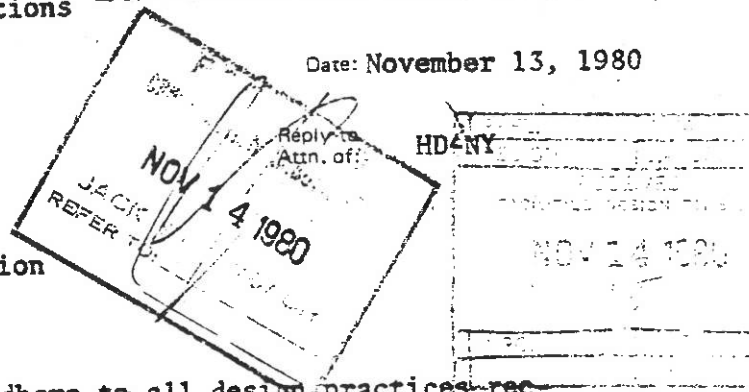
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

UNITED STATES GOVERNMENT

memorandum

Subject: Information to Support Design Recommendations
That Do Not Meet AASHTO Standards

Date: November 13, 1980

From: Victor E. Taylor
Division Administrator
Albany, New YorkTo: Director, Facilities Design Division
New York State Department of Transportation
Albany, New York

As a policy, FHWA expects the State to adhere to all design practices recommended or mandated by FHPM 6-2-1-1. However, we have been and will continue to approve Federal-aid highway projects with design features that, in instances, do not meet minimum AASHTO design parameters. Our engineers must exercise judgement in this area, carefully weighing all available and necessary information. The information your office presents to support your design recommendations comes in varied forms. Oftentimes, a long exchange of correspondence takes place before resolution can be reached. Part of the problem, particularly under Certification Acceptance, is the lack of data on which we have to base a decision.

In order for us to arrive at an informed decision balancing costs and safety your design recommendation should be supported with the following information.

1. Cross section(s) of the existing roadway and the proposed improvement showing the design feature in question along with other roadway elements.
2. An analysis of related accident data.
3. Reasonably accurate cost estimate including incremental estimates for different levels of improvements. A cost effective analysis which weighs the cost of the improvement versus the benefits to be derived may be considered when appropriate data is accessible.
4. A discussion of compatibility with the adjacent section of roadway and the future expectations of the route.
5. Any other factors such as right-of-way or environmental constraints which have a significant bearing on the situation.
6. A rationale to support your recommendation drawing from the above information.

Strict application of each item in all instances may be inappropriate. However, these items should serve as a guide since we believe the information outlined is generally applicable to the range of design features where questions of Federal-aid eligibility have developed. We will be glad to discuss these points with you. In the meantime, we will expect you to provide this information beginning with PIN 4040.29, Rochester Outer Loop reconstruction.

V. E. Taylor
FOR THE DIVISION ADMINISTRATOR

cc: Director, Preliminary Plan Review Bureau, NYSDOT