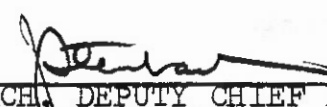


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TO:	ENGINEERING INSTRUCTION NEW YORK STATE DEPARTMENT OF TRANSPORTATION	
ALL REGIONAL DIRECTORS SUPERSEDED BY EI 80-014 EFFECTIVE 3/20/1980	SUBJECT: INCORPORATION OF NEW ASPHALT CEMENT GRADE SPECIFICATIONS INTO ON-GOING CONSTRUCTION CONTRACTS Subject Code: 7:30	
Distribution:	Code: EI 76-19	
<input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input type="checkbox"/> Special	Date: 2-25-76	
APPROVED:  J. STERNBACH, DEPUTY CHIEF ENGINEER (CONSTRUCTION)		Supersedes:

Reference is made to H. H. McLean's attached memorandum of December 24, 1975, on this subject.

The new specification for asphalt cement grades which will appear in project proposals for the February 5, 1976, letting also will affect on-going construction contracts in some Regions. (Primarily, Regions 1, 2, 3, 4, 6 and 9). Due to industry production and storage factors, AC-20 will have to be used on jobs originally specifying AC-10.

Therefore, on on-going projects, the Contractor has the option of using either the original specified grade or using the new provisions by order-on-contract.

In the situation where a Contractor or his supplier is switching from AC-10 to AC-20 during the course of the contract, the following applies:

1. All existing supplies of AC-10 may be utilized in Department production.
2. With approval of the Regional Materials Engineer, AC-20 may be blended with AC-10 at hot-mix plant storage tanks during a transition period.

Upon receipt of a Contractor's request to substitute the AC-20 grade at no additional cost to the State, an Order-on-Contract should be submitted, incorporating the following specifications in lieu of those in the contract for asphalt cement.

"Asphalt cement meeting the requirements of AC-20 provided in lieu of asphalt cement meeting the requirements of AC-10 as authorized by EI 76-19."

PREL.	FINAL
PHOTOGRAPH	LANDSCAPE
RECEIVED FACILITIES DESIGN DIVISION	
MARCH 4 1976	
FILE	DESIGN

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
Raymond T. Schuler, Commissioner



1220 Washington Avenue, State Campus, Albany, New York 12226

December 24, 1975

TO: All Asphalt Cement Suppliers
SUBJECT: Asphalt Cement Grade Change

Reference is made to my letter dated October 2, 1975 on the above subject which contained information on the Department of Transportation's plans to change asphalt cement grades in a large portion of the State effective with the 1976 season.

Attached is the final revision to our specifications which will appear in projects in the February 5, 1976 and all subsequent lettings. These new requirements are also contained in the Department's 1976 Maintenance contracts.

The attached specification contains the following features:

1. AC-20 is specified statewide except for the northern counties where AC-10 will still be required.
2. AC-10 refined from Domestic Mid-Continent or Canadian crudes sources may be substituted for AC-20.
3. Mix plants in the "grade borderline areas" where two grades are specified will be permitted to use one grade.
4. No mixing of grades will be permitted at mix plants during production for Department projects.
5. AC-20 is required for all Type 2A and 2AF Top (minor usage).
6. There are no changes in the Materials Specifications for AC-10 and AC-20.

Existing stocks of AC-10 located at refineries, terminals, mix plants or other storage sites may be utilized for the production of Department material. Mixing of AC-10 and AC-20 at the mix plants, terminals and other storage sites will also be permitted during the changeover period with Department approval.

All Asphalt Cement Suppliers
December 24, 1975
Page 2

For contracts under way, not containing the new specification, the Department will permit the use of the new provisions. We will notify Contractors and Producers of the changes and make provisions to handle the contractual aspects of this matter.

If you have any comments or questions on this matter, please contact us. Your cooperation in this matter is appreciated.

Very truly yours,

Harry H. McLean
HARRY H. McLEAN, P.E.
Director, Engineering Materials

HHM:JJM:ARS
MBL #75-16
File: 4

Attachment

HOT MIX ASPHALT CONCRETE ITEMS
ASPHALT CEMENT GRADE REQUIREMENTS

Page 160

In Table 401-1, Composition of Bituminous Plant Mixtures, after the Mixture Requirements for Asphalt Cement Upstate (4) Grade and No., in the column titled Binder Courses, Type 2A, add "(6)."

In Table 401-1, Composition of Bituminous Plant Mixtures, after the Mixture Requirements for Asphalt Cement Downstate (5) Grade and No., in the columns titled Base Course Type 1A, Binder Courses Type 1A and Type 2A, and Top Courses Type 1A, 1AF, and Types 1AC, 1ACF, add "(8)" after 702-03.

Page 161

Modify Note 4 to read, "4. Upstate is defined as the counties of Clinton, Essex, Franklin, Hamilton, Jefferson, Lewis, St. Lawrence, Warren, and the portion of Herkimer north of a line formed by New York Route 365 and New York Route 8 (from the intersection of Route 365 east to Hamilton County).

Modify Note 5 to read, "5. Downstate is defined as all counties of New York State except those listed in Note 4."

Modify Note 6 to read, "6. When Type 2A or 2AF Top Course is specified in the Upstate area, the Contractor may substitute AC-20 grade asphalt in any specified binder course."

Add the following as Note 8, "Grade AC-10 Materials Designation 702-02, asphalt cement that is refined from Domestic Mid-Continent or Canadian crudes may be substituted for AC-20. No mixing of asphalt grades will be permitted."

Page 162

Under Subsection 401-2.05 Bituminous Materials, delete the second, third, and fourth sentences of the first paragraph and replace with the following: "If a bituminous mixing plant is supplying projects in both the Upstate and Downstate areas, the Contractor may apply to use one asphalt cement grade only by submitting a job mix formula. Approval to change grades will be permitted when it is determined by the Deputy Chief Engineer, Technical Services Subdivision that performance will not be affected. No mixing of asphalt grades will be permitted. No change in asphalt grade will be permitted for Type 2A and 2AF Top Courses."

Page 750

Under Section 714-06 Asphalt Concrete Curb, add the following at the end of the third requirement under Materials Requirements "or 702-03."

12/10/75