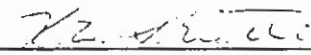


TO: SUPERSEDED BY EB 96-027 EFFECTIVE 6/18/96	ENGINEERING BULLETIN NEW YORK STATE DEPARTMENT OF TRANSPORTATION
	SUBJECT: EQUIPMENT RENTAL RATES FOR EXTRA WORK Subject Code 7.30
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input checked="" type="checkbox"/> Special APPROVED:  Deputy Chief Engineer for Construction	Code: EB-87-08 Date: 3/16/87 Supersedes:

This Engineering Bulletin Expires _____

The Federal Highway Administration has determined that the rental rates for construction equipment listed in the Rental Rate Blue Book include cost factors which are not eligible for Federal Aid. In order for the Department to continue to use the Rental Rate Blue Book as a basis for equipment rental rates for agreed price analysis and Force Account Support, a Rate Adjustment Table has been created by Dataquest (publishers of Rental Rate Blue Book) which adjusts rates to conform to the Federal requirements. These tables have been distributed to all subscribers of the Rental Rate Blue Book and must now be used on all construction projects.

To utilize these tables, it will be necessary to know the year of manufacture of the piece of equipment. The Standard Specifications will be supplemented to require the contractor to provide the date of manufacture for each piece of equipment as well as the present requirements of manufacturer and model number. Equipment rates for projects let prior to the specifications revisions should not be adjusted.

The attached instruction prepared by Dataquest should be of assistance in using the Rate Adjustment Tables.

This change will be included in the next revision of the Construction Supervision Manual. In the interim, this Bulletin should be inserted in the Manual in Section 109-05 - Extra and Force Account Work -following page 109-10.

INSTRUCTIONS

Federal Highway Administration (FHWA) policy states that equipment costs for Federally funded construction projects must not contain replacement cost allowance in its depreciation or any contingency allowance. The FHWA has indicated that all published equipment rate guides must be modified where necessary to conform to this policy.

To adjust the rates found in the Rental Rate Blue Book, multiply the rate found in Blue Book by the factor from the Rate Adjustment Table for the year the machine was made. The resulting rate will not include contingency costs and its depreciation cost will be indexed to the year the machine was made. For example,

Equipment Type	Model	Year	Blue Book				
			Published Rate	Monthly	Weekly	Daily	Hourly
Wheel Loaders	Caterpillar 910	1986		\$2,355	\$800	\$250	\$37.25
Articulated,							
Four-wheel drive							

Published Rate	Factor	Adjusted Rate
1980 Machine = \$2,355	* .826	= \$1,945
1977 Machine = \$2,355	* .765	= \$1,802
1973 Machine = \$2,355	* .689	= \$1,623

SAMPLE
RATE ADJUSTMENT TABLE
(1986-1977)

Equipment Type	1986	1985	1984	1983	1982	1981	1980	1979	1978	1977
Wheel Loaders										
- Articulated,										
Four wheel drive	.900	.900	.885	.880	.872	.853	.826	.803	.782	.765
Crawler Loaders- All	.910	.910	.889	.878	.869	.869	.845	.827	.803	.777

SAMPLE
RATE ADJUSTMENT TABLE
(1976-1967)

Equipment Type	1976	1975	1974	1973	1972	1971	1970	1969	1968	1967
Wheel Loaders										
- Articulated,										
Four wheel drive	.742	.732	.697	.689	.682	.679	.674	.671	.666	.662
Crawler Loaders- All	.765	.748	.718	.705	.699	.696	.693	.688	.685	.680