



TO: Director, Preliminary Plan Review Bureau MODIFIED BY EI 74-023 EFFECTIVE 4/15/1974 SUPERSEDED BY EI 87-039 EFFECTIVE 10/29/1987	 <h2 style="margin: 0;">ENGINEERING INSTRUCTION</h2> <p style="margin: 0;">NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p>
	SUBJECT: GUIDE LINES FOR SPECIAL SPECIFICATIONS - 1973 BOOK Subject Code: 7.27-1
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input type="checkbox"/> Special	Code: <u>EI 73-38</u> Date: <u>May 21, 1973</u> Supersedes:
APPROVED:  DEPUTY CHIEF ENGINEER (Fac. Design)	

GUIDE LINES

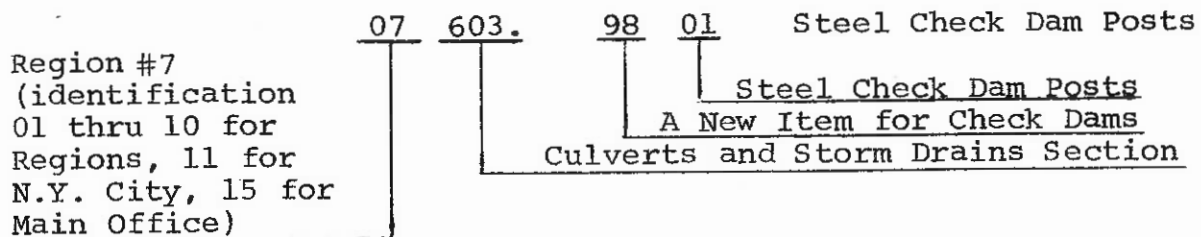
Special Specifications for Contract Pay Items

Definition. Special specifications for contract pay items are those that are not in the standard specification book or addenda. They may modify or supplement existing standard specifications or they may be a completely new specification.

Identification. Special specifications for contract pay items are coded to provide information to denote:

1. A special item
2. Origin of special item
3. Revisions or other intelligence, as required

Example:



Format. The format for special specifications is essentially the same format used in the past. Each special specification will be identified in the contract proposal by the payment item code number and the title of the specification. With few exceptions, each specification will be divided into five parts:

1. Description
2. Materials
3. Construction
4. Method of Measurement
5. Basis of Payment

PREL.	FINAL
PHOTOGRAM.	LANDSCAPE
RECEIVED	
FACILITIES DESIGN SUBDIVISION	
MAY 24 1973	
MALCOLM D. GRAHAM	
CIRC.	HARRIS
FILE	DESIGN

Subject: GUIDE LINES FOR SPECIAL SPECIFICATIONS

Where a special specification slightly modifies a standard specification, a simplified format without the five parts may be used.

Typical examples of the two formats are as follows:

Item 07603.9801 - Steel Check Dam Posts

Description. Under this work the Contractor shall furnish and place steel check dam posts to be used in check dams and erosion walls as shown on the plans or as directed by the Engineer.

Materials. Posts shall be either railroad rails conforming to the A.R.E.A. requirements for 100 lb. rails or new rolled beams, 6WF 15.5 minimum size, conforming to the ASTM Designations: A283 and A306. Bituminous waterproofing material shall be specified by the Engineer.

The posts shall be straight and free from physical defects such as broken flanges or excessive corrosion and the ends shall be sawed to a smooth surface.

Construction Details. Posts shall be driven to depths shown on the plans. Suitable driving caps and equipment shall be provided to prevent battering or injury to the posts. Holes in the posts may be burned in the field as directed by the Engineer.

All exposed surfaces of the posts shall receive two coats of bituminous material waterproofing.

Method of Measurement. Payment for check dam posts shall be made by the linear feet of posts placed.

Basis of Payment. The price bid shall include the cost of all labor, material and equipment, including the furnishing of driving equipment, the furnishing of bituminous waterproofing material, fabrication, painting and all incidental expenses necessary to complete the work.

Subject: GUIDE LINES FOR SPECIAL SPECIFICATIONS

Item 07603.0502 - Round Corrugated Steel Pipe, (2 2/3 x 1/2
6" diameter, 16 gage) with End Plugs

The standard specifications for item 603.0502 shall apply, and in addition the Contractor shall plug each end of the pipe with standard galvanized steel end caps as specified by the Engineer.

The cost of furnishing and installing the end caps shall be included in the price bid for the item.

Special Specification Coding in Proposal. To assist the Department and Contractor Personnel with the identification of special specifications for contract work, each special specification item will be prefixed with the geographic origin code (see example page 1) and offset to the left of the pay item number listed on the Contract Proposal Estimate Sheet. The offset tabulation will flag out the special items and indicate that a special specification insert is contained within the proposal. Each contract proposal with special specification items must therefore, have a special specification insert for each respective special item listed on the estimate sheet.

A Proposal Estimate Sheet with special items will appear as follows: (See Next Page)

Subject: GUIDE LINES FOR SPECIAL SPECIFICATIONS

PROPOSAL ESTIMATE SHEET

Exist. No.	New No.	Item	Unit	Quantity	Price	Amount
25	502.10	Metal Reinf. for Concrete Pavement (10' wide or greater)	Sq. Yd.	136,700		
25U	502.11	Metal Reinf. for Concrete Pavement (less than 10' wide)	Sq. Yd.	7,240		
27	502.20	Transverse Joint Supports	Lin. Ft.	21,900		
27Y	502.32	Long. Joint Ties (Grout Type)	Ea.	470		
27C	502.33	Long. Joint Ties (Curbing)	Ea.	7,200		
18	601.01	Class A Concrete for Structures	Cu. Yd.	4,475		
20	601.02	Class B Concrete for Structures	Cu. Yd.	4,800		
18M	601.03	Class A Concrete for Structures (Monolithic Bridge Deck)	Sq. Ft.	10,140		
25F	602.01	Steel Fabric Reinf. for Structures	Sq. Yd.	120		
28	602.02	Bar Reinf. for Structures	Lb.	1,560,700		
--	07603.0502	Round Corr. Steel Pipe (2-2/3 x 1/2, 6" diam., 16 gage) with End Plugs	Lin. Ft.	240		
14X30	603.6207	Reinf. Conc. Pipe, Class V, 30" diam.	Lin. Ft.	560		
14X36	603.6209	Reinf. Conc. Pipe, Class V, 36" diam.	Lin. Ft.	440		
--	07603.9801	Steel Check Dam Posts	Lin. Ft.	520		

Subject: GUIDE LINES FOR SPECIAL SPECIFICATIONS

Control of Numbers. The Department's Final Plan Review Bureau is delegated the responsibility to provide statistical information for the various subdivisions of the Design and Construction Division using Payment Item Code Numbers for computer input. In order to fully utilize the advantages of data processing and also prevent the coding of similar specifications with different numbers, it is necessary to adopt certain rigid controls in the assignment of payment code numbers to special specifications. These controls will, therefore, rest with the Final Plan Review Bureau.

To assist Designers with the planning and preparation of new Contract Work, a listing of all Region and Main Office Special Specifications and assigned Code Numbers (Addendum File) will be published and periodically updated with additional items or deletion of old ones. Whenever it is necessary to include new special items that are not on the listing, each Region will contact the Final Plan Review Bureau for assignment of new code numbers to their respective specifications.