

## 600 INCIDENTALS

### ITEM 615 - TEMPORARY ROADS AND PAVEMENTS

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**615.01 Description.** This work shall consist of providing, maintaining and subsequently removing temporary roads and pavements at locations and to lines and grades specified. When the proposal does not include a pay item for temporary roads as set forth in this item, such work shall be performed under Item 614.

**615.02 Fences.** Should it be necessary to replace permanent fencing with temporary fencing while occupying any temporary right-of-way, the Contractor shall provide, erect and maintain comparable temporary fencing during the period of construction. The existing fence shall become the property of the Contractor and may be used in the erection of the temporary fence.

Before occupancy of the temporary right-of-way is terminated and prior to the removal of the temporary fence, the Engineer shall notify the property owner to reinstall permanent fencing in accordance with the right-of-way settlement.

**615.03 Earthwork.** Excavation and embankment construction necessary for providing and maintaining temporary roads and drainage facilities attendant thereto, as well as subsequent removal of same and restoration of the areas to their original condition, shall be as prescribed in Item 203. Adequate side ditches shall be constructed in cut sections, and drainage pipe and culverts shall be provided where necessary. The width of the road from out to out of shoulders, unless otherwise called for on the plans, shall be not less than the adjoining roadway and the side slopes shall be not steeper than 3:1. If sidewalks are required, the width of embankment shall be increased accordingly.

**615.04 Guardrail.** Where the height of the embankment is 5 feet (1.5 m) or more, measured at the outside edge of the berm, and the side slope is steeper than 4 to 1, guardrail shall be provided at a distance of at least 1.5 feet (0.45 m) from the edge of the required width of surface course. The guardrail shall be in accordance with one of the types specified in Item 606 except that re-used material in good condition will be

permitted. The guardrail shall be kept plainly visible at night by cleaning and/or painting whenever directed by the Engineer.

**615.05 Pavement.** Unless otherwise called for on the plans the pavement surface shall be as wide as the adjoining pavement and shall be constructed of the materials and in the manner prescribed.

If a traffic compacted surface course is called for on the plans, it shall be in accordance with Item 410. Calcium chloride shall be furnished, applied and paid for under Item 616. The amount of original and subsequent applications of aggregate and chloride shall be as directed by the Engineer.

When a Class A or Class B pavement is called for on the plans, the Contractor shall provide either rigid pavement or a flexible pavement meeting the minimum requirements hereinafter set forth.

| <b>Type</b>       | <b>Minimum Course Thickness Required Course Make-up</b> | <b>Class A</b>          | <b>Class B</b>          |
|-------------------|---|-------------------------|-------------------------|
| Rigid Pavement    | Portland Cement Concrete                                | 9 Inches<br>(228 mm)    | 8 Inches<br>(203 mm)    |
| Flexible Pavement | 404 Asphalt Concrete*                                   | 1 1/4 Inches<br>(32 mm) | 1 1/4 Inches<br>(32 mm) |
|                   | 402 Asphalt Concrete                                    | 1 3/4 Inches<br>(44 mm) | 1 1/2 Inches<br>(38 mm) |
|                   | 301 Bituminous Aggregate Base<br>**                     | 7 Inches<br>(178 mm)    | 6 Inches<br>(152 mm)    |
|                   | 304 Aggregate Base                                      | 4 Inches<br>(102 mm)    | 4 Inches<br>(102 mm)    |
| Total             |   | 14 Inches<br>(355 m)    | 12 Inches<br>(324 m)    |

\* 402.02 Composition may be used.

\*\* 402 Asphalt concrete may be used.

The indicated courses shall conform to the specification requirements for the pertinent items except that method of measurement and basis of payment will not apply, and except as otherwise noted hereinafter.

For Items 402 and 404, the materials may be spread and finished by acceptable hand methods and the requirements for smoothness will be waived.

For Item 304, the aggregate may be spread by approved hand method and side forms will not be required. The thickness of the courses shall be determined by field measurement.

Rigid pavement may be constructed in accordance with Item 451 except that tiebar or hookbolts will not be required for longitudinal joints. Concrete shall conform to the quality requirements set forth in Section 499.02, Class G Concrete.

**615.06 Sidewalk.** When temporary walks are required, they shall be one of the types set forth in Item 608.

**615.07 Maintenance.** The Contractor shall maintain all portions of the temporary facilities in good condition with respect to both safety and smoothness for travel as long as it is needed for maintenance of traffic. If, in the opinion of the Engineer, the temporary facilities are not being properly maintained, they may be put into proper condition by the City and the cost of such services will be deducted for any money which may be due or become due the Contractor.

**615.08 Removal.** When the temporary facilities are no longer needed, the Contractor shall remove them, except such portions of the embankment as are indicated on the plans to be a part of the new roadway embankment, and shall leave the area in a neat condition. All material removed, unless otherwise indicated on the plans, shall be considered the Contractor's property and shall be removed from the site by him.

**615.09 Method of Measurement.** The quantity of temporary Class A or Class B pavement will be the number of square yards (square meters) of pavement surface placed, maintained, and removed as directed, measured complete in place.

Traffic Compacted Surface Course and Calcium Chloride will be measured and paid for under Items 410 and 616.

**615.10 Basis of Payment.** The accepted quantities of specific items of temporary roads and pavement will be paid for at the contract prices per unit of measurement designated for each of the pay items listed. These prices shall be full compensation for all materials, excavation, backfill and disposal of surplus materials for completion of the specified items.

Payment will be made under:

| <b>Item</b> | <b>Unit</b>                 | <b>Description</b>          |
|-------------|-----------------------------|-----------------------------|
| 615         | Square Yard (Square Meters) | Temporary Pavement, Class A |
| 615         | Square Yard (Square Meters) | Temporary Pavement, Class B |
| 615         | Square Yard (Square Meters) | Temporary Walks             |