

PART E
SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. GENERAL

E1.1 These Specifications shall apply to the Work.

E2. GOODS

- E2.1 The Contractor shall supply and deliver aggregate materials in accordance with the requirements hereinafter specified.
- E2.2 Item No. 1 – Granular A-Base shall be in accordance with CW3110 of the City of Winnipeg Standard Construction Specifications.
- E2.3 Item No. 2 – Traffic Gravel (19 mm) shall be in accordance with the gradation limits and properties listed in Table 1.
- E2.4 Item No. 3 – Traffic Gravel (16 mm) shall be in accordance with the gradation limits and properties listed in Table 1.
- E2.5 Item No. 4 – Seal Coat chips shall be in accordance with the gradation limits and properties listed in Table 1.

TABLE 1:

Metric Sieve Size	Per Cent of Total Dry Weight Passing Each sieve		
	Traffic Gravel (19 mm)	Traffic Gravel (16 mm)	Seal Coat Chips
25 000			
20 000	100		
16 000		100	
12 500	75 – 90	80 - 95	100
5 000	40 – 70	45 - 75	5 - 40
2 500			0 - 20
1 250	20 – 50	25 - 55	
630	15 – 40	15 - 40	0 - 10
80	5 – 15	5 - 15	0 - 2

Note: Traffic gravel and seal coat chips when subjected to the abrasion test will have a loss of not more than 35% when tested in accordance with grading B of ASTM C131, Test for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine. As well, the aggregate retained on the No. 5 000 sieve will contain not less than 35% crushed aggregate as determined by actual particle count. Crushed aggregate will be considered as that aggregate having at least one fractured face.

- E2.6 Item No. 5 – Pit Run Material (type 1) shall be in accordance with CW2030 of the City of Winnipeg Standard Construction Specifications.
- E2.7 Item No. 6 – Sand Fill Material shall be in accordance with CW2030 of the City of Winnipeg Standard Construction Specifications.

E3. DELIVERY

- E3.1 Goods shall be delivered on an "as required" basis during the term of the Contract, f.o.b. destination, freight prepaid, to various locations within the City.
- E3.1.1 Goods shall be delivered within one (1) Business Days of the placing of an order, except where otherwise agreed at the time of ordering.
- E3.2 Goods shall be delivered between 8:30 a.m. and 4:30 p.m. on Business Days.
- E3.3 The Contractor shall off-load goods as directed at the delivery location.

E4. TESTING

- E4.1 At the request of the Contract Administrator, the Contractor shall supply the following information within three (3) Business Days:
 - (a) a copy of current test results from a certified laboratory indicating conformance of the product to the specifications; and
 - (b) one (1) sample of the product that will be supplied during the Contract.
- E4.2 The Contract Administrator may have the sample of the product tested for conformance to the specifications.
- E4.3 Goods that do not meet the requirements of the specifications shall be replaced at no cost to the City of Winnipeg.