

**“height” NOISE BARRIER SYSTEM - Item No.**

**“height” NOISE BARRIER SYSTEM INCLUDING PRECAST NOISE/TRAFFIC BARRIER - Item No.**

**“height” NOISE BARRIER SYSTEM ON STRUCTURES - Item No.**

**NOISE BARRIER ACCESS - Item No.**

Special Provision No. 760F01

~~March 2018~~DRAFT November 2025

**Amendment to OPSS 760, November ~~2014~~2025**

**~~760.03~~ ————— DEFINITIONS**

~~Section 760.03 of OPSS 760 is amended by the deletion of the definitions for **Certificate of Conformance** and **Quality Verification Engineer**.~~

**760.04 DESIGN AND SUBMISSION REQUIREMENTS**

**760.04.01 Design Requirements**

**760.04.01.~~0102~~ Footings**

**760.04.01.~~0102~~.01 General**

Clause 760.04.01.~~0102~~.01 of OPSS 760 is amended by the addition of the following paragraph:

The soil design parameters for the design of footings shall be as specified in Table A: ~~{\* Designer Fill-In for Table A, See Notes to Designer}.~~

**~~Table~~TABLE A**  
**Soil Design Parameters**

Location	Soil Design Parameter
*	*
-	-
*	*
-	-

{\* Designer Fill-In for Table A, See Notes to Designer}

Subsection 760.04.01 of OPSS 760 is amended by the addition of the following clauses:

**760.04.01.~~0203~~ Wind Load**

The wind load applied for the design of structure shall be:

[\*\* Designer Fill-In, See Notes to Designer].

**760.04.01.~~0304~~ Acoustics**

The minimum acoustical characteristic of the noise barrier system shall be such that the noise barrier is: ~~{\*\*\* Designer Fill-In, See Notes to Designer}.~~

{\*\*\* Designer Fill-In, See Notes to Designer}.

#### **760.04.01.0405 Aesthetics**

The colour and texture for the noise barrier system shall be within the following parameters:

Number of colours adjacent to highway: [\*\*\*\* Designer Fill-in—<sub>1</sub> See Notes to Designer]

in the proportion of \_\_\_\_\_

Number of textures \_\_\_\_\_

in the proportion of \_\_\_\_\_

Number of colours adjacent to residential property: [\*\*\*\* Designer Fill-In, See Notes to Designer].

in the proportion of \_\_\_\_\_

Number of textures \_\_\_\_\_

in the proportion of \_\_\_\_\_

Final colour selections shall be determined by the Contract Administrator at the point of manufacture from samples prepared by the manufacturer.

If only one colour and texture are specified, the noise barrier shall be constructed using the colour and texture specified by the Contract Administrator following the award of the Contract. Final colour selection shall be determined at the point of manufacture from samples prepared by the manufacturer.

#### **~~760.07 CONSTRUCTION~~**

##### **~~760.07.13 Quality Control~~**

##### **~~760.07.13.01 Interim Inspection of Footings and Posts~~**

~~Clause 760.07.13.01 of OPSS 760 is deleted in its entirety and replaced with the following:~~

##### **~~760.07.13.01 Inspection before Installation of Noise Barrier Panels~~**

~~A Request to Proceed shall be submitted to the Contract Administrator after the construction of the noise barrier footings and posts and prior to the installation of the noise barrier panels~~

~~The installation of the noise barrier panels shall not proceed until a Notice to Proceed has been received from the Contract Administrator.~~

##### **~~760.07.13.02 Certificate of Conformance~~**

~~Clause 760.07.13.02 of OPSS 760 is deleted in its entirety and replaced by the following:~~

##### **~~760.07.13.02 Inspection after Installation of Noise Barrier System~~**

~~A Certificate of Conformance shall be submitted to the Contract Administrator upon completion of the installation of the noise barrier system.~~

## NOTES TO DESIGNER:

- \* Insert station to station limits and soil design parameters in Table A as per the example below:

### Example

Location	Soil Design Parameter
East Bound Lane 17+320 to 17+790 (shoulder)	$\emptyset = 28^{\circ}$
West Bound Lanes 17+100 to 17+600 (ROW) 17+600 to 17+720 (ROW) 17+700 to 18+050 (shoulder)	$\emptyset = 28^{\circ}$ $C_u = 12 \text{ KPa}$ $\emptyset = 28^{\circ}$

- \*\* Insert the reference wind load along with its respective area or city (e.g., 415 Pa for Hamilton area).

- \*\*\* Insert one of the following acoustical characteristics:

~~– Either sound absorptive or reflective~~

- Sound absorptive on the highway side
- Sound absorptive on the residential side
- Sound absorptive on both sides.

If more than one acoustical characteristic applies to this Contract, each section shall be designed accordingly with clearly defined limits.

- \*\*\*\* Insert the number of colours planned for this contract, the proportions in which each are required, the number of textures if applicable and their proportions of the total noise barrier area in the locations specified.

WARRANT: Always with these tender items.