

## **Index 521-514 Concrete Barrier /Noise Wall L-Shaped Spread Footing**

### **Design Criteria**

See Instructions for Index 521-510 and/or Index 521-511.

### **Design Assumptions and Limitations**

Use this Standard with Index 521-510 and/or 521-511 when the Concrete Barrier / Noise Wall (8'-0") and/or (14'-0") is installed on an L-Shaped spread footing. Footing stem wall may be widened at no additional cost, to accommodate slip forming. Project specific details are required for the use of 10'-0" and 12'-0" tall Concrete Barrier / Noise Walls. Base these details on Indexes 521-510 and 521-511.

### **Plan Content Requirements**

See Instructions for Index 521-510 and/or Index 521-511.

Include project specific details for 10'-0" and 12'-0" tall Traffic Railing / Noise Walls.

Provide the Environmental Classification for installation locations in the Plans notes. Follow requirements for superstructures in the Structures Manual.

### **Payment**

| <b>Item number</b> | <b>Item Description</b>                       | <b>Unit Measure</b> |
|--------------------|-----------------------------------------------|---------------------|
| 521-72-24          | Shoulder Concrete Barrier /Noise Wall 8'-0"   | LF                  |
| 521-72-25          | Shoulder Concrete Barrier /Noise Wall 10'-0"  | LF                  |
| 521-72-26          | Shoulder Concrete Barrier /Noise Wall 12'-0"  | LF                  |
| 521-72-27          | Shoulder Concrete Barrier /Noise Wall, 14'-0" | LF                  |