

PIPE HANDRAIL, SPECIAL – FOR HEADWALL

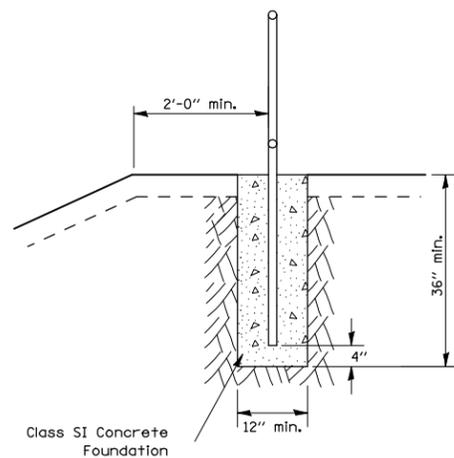
Notes:
 Gripping surfaces shall be uninterrupted by construction elements, or obstructions.
 Ends of handrail shall be rounded.
 Handrail shall not rotate within their fittings.

Handrail shall conform to Section 509 with the exception that all pipe and connections shall be welded galvanized or aluminum according to Article 1006.30, or 1006.34.

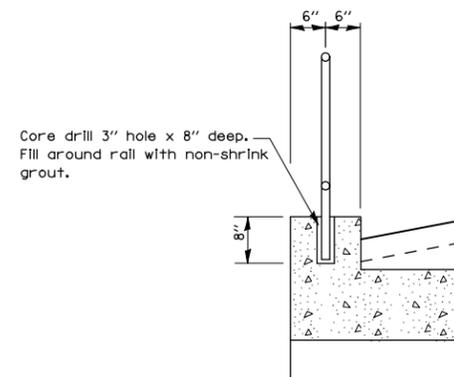
The diameter of the gripping surface of the handrail shall be 1-1/4" to 1-1/2"

Drilling of concrete will be necessary for handrail placement in headwalls.

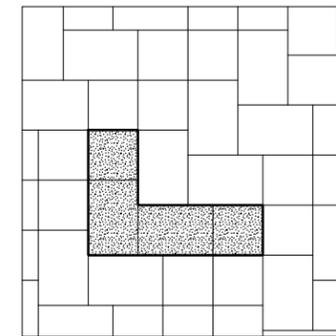
This work shall consist of furnishing and erecting Handrails as listed above and according to this detail. This work shall be paid for at the contract unit price per FOOT for PIPE HANDRAIL, SPECIAL.



PIPE HANDRAIL, SPECIAL – GROUND MOUNTED

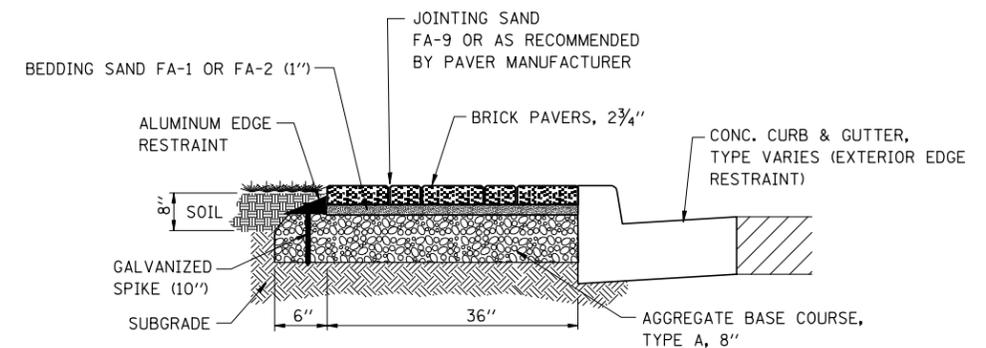


PIPE HANDRAIL, SPECIAL – HEADWALL MOUNTED



LAYING PATTERN: 60% RECTANGLE
40% SQUARE

BRICK PAVER LAYING PATTERN

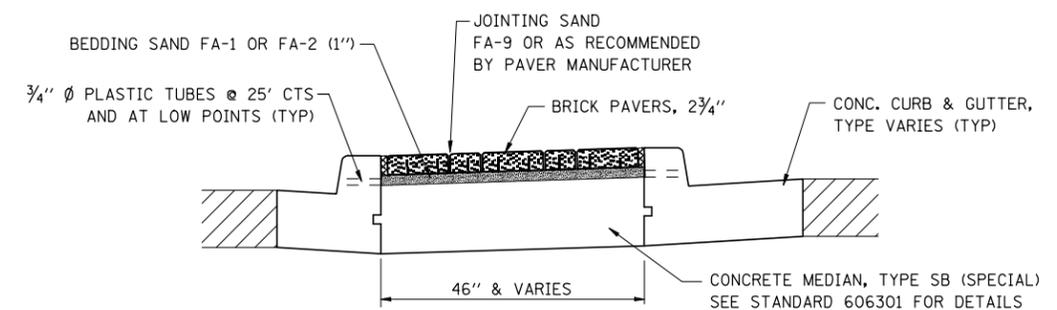


GRASS AND BRICK PAVERS MEDIAN – SECTION

NOTE:

See Plans for direction of surface drainage.

The Brick Pavers Median section shall be paid at the unit price per SQ FT for BRICK PAVERS which shall include brick pavers, bedding sand, jointing sand, and aluminum edge restraint with spikes.



CONCRETE MEDIAN, TYPE SB (SPECIAL) – SECTION

NOTE:

See Plans for direction of surface drainage.

The Concrete Median Type SB (Special) surface shall be paid at the contract unit price per SQ FT for BRICK PAVERS which shall include brick pavers, bedding sand, and jointing sand.

FILE NAME = ... \200793PLN-DTL52.dgn	USER NAME = Elgin 110	DESIGNED - MJS	REVISED -
THE UPCHURCH GROUP, INC.	PLOT SCALE = 20.0000' / IN.	DRAWN - RMH	REVISED -
	PLOT DATE = 5/3/2013 9:26:39 AM	CHECKED - RLH	REVISED -
		DATE - APRIL 30, 2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS
PIPE HANDRAIL, SPECIAL AND MEDIAN SECTIONS**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129R	WINNEBAGO	968	224
			CONTRACT NO. 64988	
ILLINOIS FED. AID PROJECT				