Description:

Revision

Last Revision: 01/17

Sheet

Index

FY 2018-19

Standard Plans

Back of Sidewalk Drainage

Inlet Type C (Modified)

Notes:

1. For additional details see Index 425-052.

2. Inlet to be paid for under the contract unit price for Inlets (Ditch Bottom Type C Modified), EA.

Handrail to be paid for under the contract unit price for Pipe Handrail, (Material), LF.

See Plans for Handrail Requirements

Level with Slot Elevation

1/2" Preformed Joint

Filler Slab To Swk.

Back Of Sidewalk

Grading and Sodding

1' Max., 4' MIn.

As Directed By

The Engineer

5' Sidewalk

SECTION AA

5' Sidewalk

SECTION AA

PLAN

SLAB SECTION

SLAB REINFORCEMENT

SECTION BB

FRONT ELEVATION

INDEX

425-060

1 of 3
Notes:
1. Maximum pipe size shall be 24" diameter.
2. Grading back of sidewalk varies and shall be done as directed by the Engineer.
3. Concrete quantities shown are for maximum wall heights, and shall be basis for estimate and payment.
4. Riprap quantities shown are for estimate purposes only. Cost of riprap to be included in cost of the endwall.
5. Endwalls to be paid for under the contract unit price for Concrete Class I (Endwalls), CY. Handrail to be paid for under the contract unit price for Pipe Handrail, (Material), LF.

### SPECIAL CONCRETE ENDWALL

<table>
<thead>
<tr>
<th>Pipe Size (in)</th>
<th>C</th>
<th>Concrete Class I (CY)</th>
<th>Sand-Cement Riprap (CY)</th>
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**PLAN**

- Sidewalk
- 1/2" Preformed Joint Filler
- Riprap-Half Plan Shown

**SECTION AA**

- Back Of Sidewalk
- 1/2" Preformed Joint Filler

**FRONT ELEVATION**

- See Plans For Handrail Requirements
- Sidewalk
- See Plans For Handrail Requirements
- Sidewalk

**SPECIAL CONCRETE ENDWALL**

- Sand-Cement Riprap
- Concrete Class I
- Pipe Size
**YARD DRAIN ITEM INCLUDES:**

1. 15" x 15" x 12" Concrete or PVC Tee 4' long.
2. Grade diameter = 14-½"
   Thickness = 2-½"
   Flow area = 45 sq in min.
   Light Duty Cast Iron, see Specification Section 962.
3. 12" pipe as necessary.
4. 0.04 Cubic yards concrete for slab.

**YARD DRAINS**

Notes:
1. Yard drains to be located outside the R/W. Drainage area should not exceed 750 SF ( grate flow 0.1 Cfs).
2. Yard drains may be constructed at the option of the property owner as shown on the plans.
3. Cost of plugs and collars to be included in the cost for 15" pipe. For collar and plug details see Index 430-001.
4. Yard drains to be paid for under the contract unit price for Yard Drains, EA.

**SHALLOW DITCHES**

Notes:
1. To be constructed at locations as directed by the Engineer.
2. Either cast iron pipe or PVC rigid conduit, U.L. listed for direct sunlight exposure, Schedule 40, may be used.
3. Pipe and Mitered End to be paid for under the contract unit price for either Cast Iron Soil Pipe (Standard) (4") or Schedule 40 PVC pipe for Back of Sidewalk Drainage (4"), 17