
ORIGINATION FORM

Proposed Revisions to a Standard Plans Index

(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: May 12, 2023
Originator: Tim Holley
Phone: (850) 414-4117
Email: tim.holley@dot.state.fl.us

Standard Plans:

Index Number: 425-052
Sheet Number (s): 1,8 of 14
Index Title: Ditch Bottom Inlet Type C, D, E. and H

Summary of the changes:

Moved Note 3 on Sheet 8 to Sheet 1 as new General Note 6.

Commentary / Background:

Move the note about slot placement from the non-traversable inlet details to General Notes. If a slot is required on a side of the inlet with a grate seat, it would remove support for the grate on that side. The note and requirement should apply to all of the inlets that have slots and therefore should be in General Notes.

Other Affected Offices / Documents: (Provide name of person contacted)

| Yes | No | |
|--------------------------|-------------------------------------|-----------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other Standard Plans – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | FDOT Design Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Basis of Estimates Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Standard Specifications – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Approved Product List – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Construction – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Maintenance – |

Origination Package Includes:

(Email or hand deliver package to Rick Jenkins)

| Yes | N/A | |
|-------------------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Redline Mark-ups |
| <input type="checkbox"/> | <input type="checkbox"/> | Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/> | <input type="checkbox"/> | Revised SPI |
| <input type="checkbox"/> | <input type="checkbox"/> | Other Support Documents |

Implementation:

| | |
|-------------------------------------|----------------------------------|
| <input type="checkbox"/> | Design Bulletin (Interim) |
| <input type="checkbox"/> | DCE Memo |
| <input type="checkbox"/> | Program Mgmt. Bulletin |
| <input checked="" type="checkbox"/> | FY-Standard Plans (Next Release) |

Contact the Roadway Design Office for assistance in completing this form

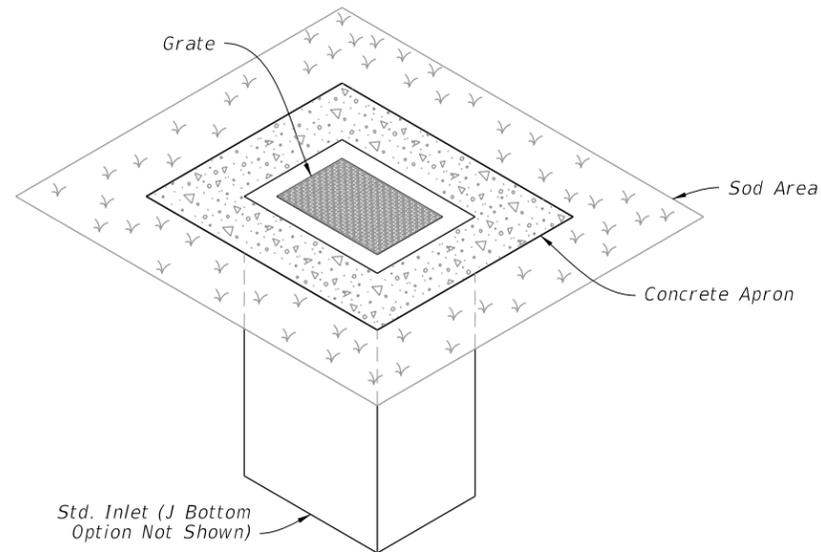
Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us

GENERAL NOTES:

1. Work this Index with Index 425-001 and Index 425-010.
2. Chamfer all exposed edges and corners $\frac{3}{4}$ " chamfer or tooled to $\frac{1}{4}$ " radius.
3. All reinforcing is Grade 60 bars with 2" minimum cover unless otherwise noted. Cut or bend bars for $1\frac{1}{2}$ " clearance around pipe opening. Provide one additional #4 bar above and at each side of pipe opening.
4. Use Concrete Apron on inlets without slots and inlets with non-traversable slots only when called for in the Plans.

5. Quantities are for informational and estimating purposes only.

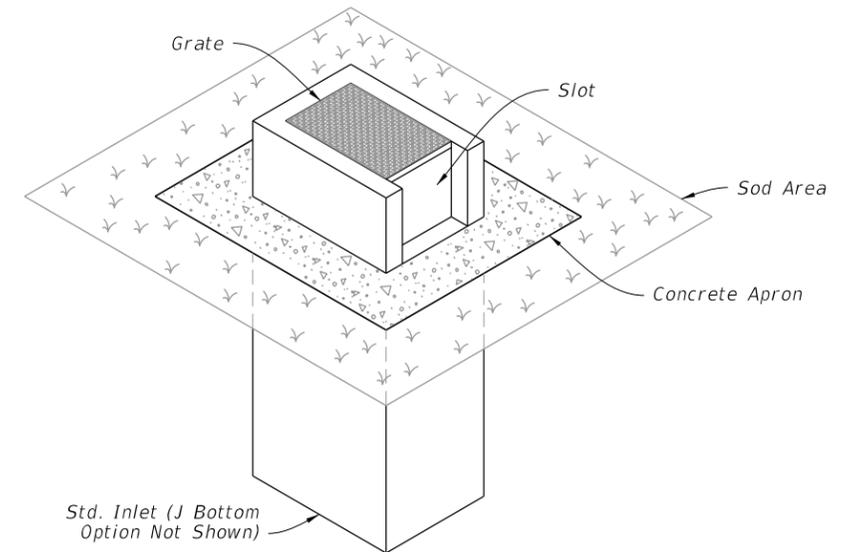
Added Note from Sheet 8



=====**DITCH BOTTOM INLET TYPE C**=====

TRAVERSABLE

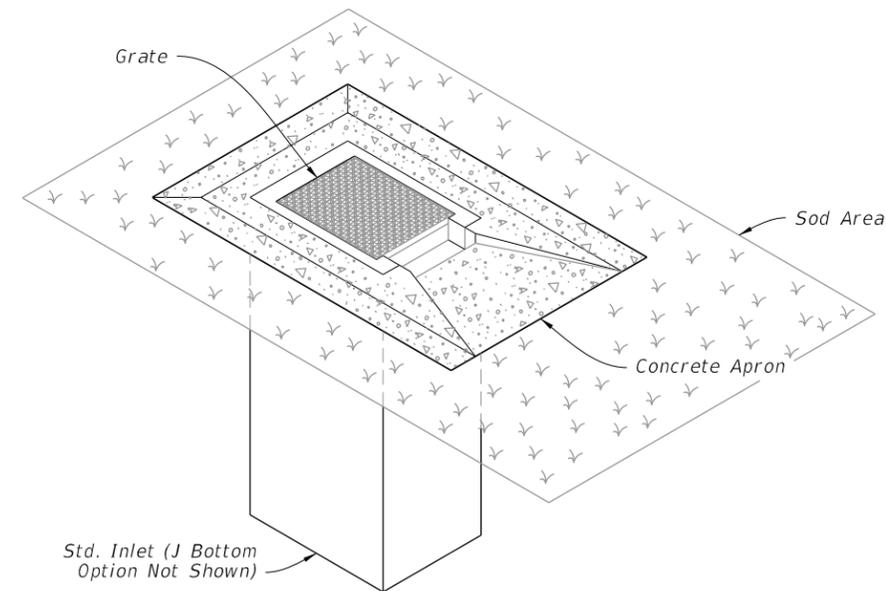
(Without Slot - Type D, E, and H Similar, Pipe Connection Not Shown)



=====**DITCH BOTTOM INLET TYPE C**=====

NON-TRAVERSABLE

(Slot > 7" Shown - Type D, E, and H Similar, Pipe Connection Not Shown)



=====**DITCH BOTTOM INLET TYPE C**=====

TRAVERSABLE

(Single Slot < 7" Shown, Double Slot, Type D, and E Similar, Pipe Connection Not Shown)

TABLE OF CONTENTS:

| Sheet | Description |
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| 3 | Type D - Dimensional, Reinforcing, and Grate Details |
| 4 | Type E - Dimensional, Reinforcing, and Grate Details |
| 5 | Type H (2 & 3 Grate) - Dimensional, Reinforcing, and Steel Grate Details |
| 6 | Type H (4 Grate) - Dimensional, Reinforcing, and Steel Grate Details |
| 7 | Cast Iron Grate Details |
| 8 | Non-Traversable Inlet Details |
| 9 | Traversable Inlet Without Slot Details |
| 10 | Traversable Inlet With Slot Details |
| 11 | Case 1 - Add Traversable Slots to Existing Inlets |
| 12 | Case 2 - Add Traversable Slots (Partial) to Existing Inlets |
| 13 | Case 3 - Add Traversable Slots (Partial) to Existing Inlets and Ditch Block |
| 14 | Alternate A Structure Bottom - Top Slab Details |

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| LAST REVISION | 10/01/20 | REVISION | 11/01/23 | DESCRIPTION: |
|---------------|----------|----------|----------|--------------|

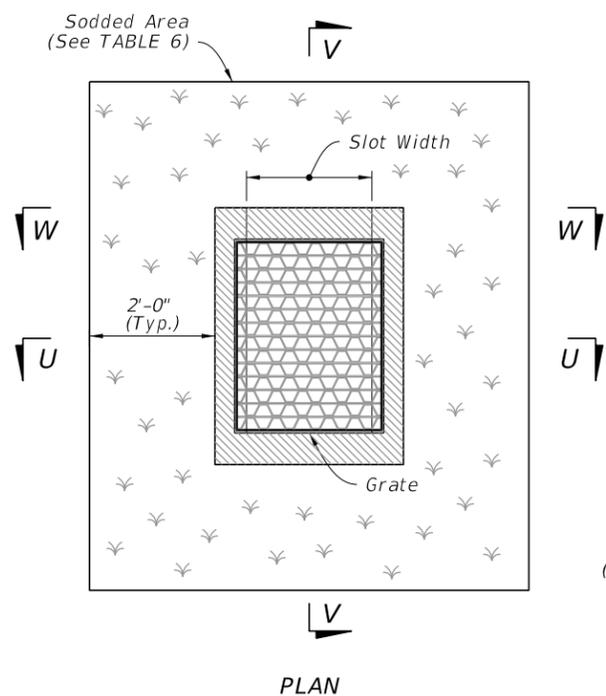


FY 2023-24
STANDARD PLANS

DITCH BOTTOM INLET TYPES C, D, E, AND H

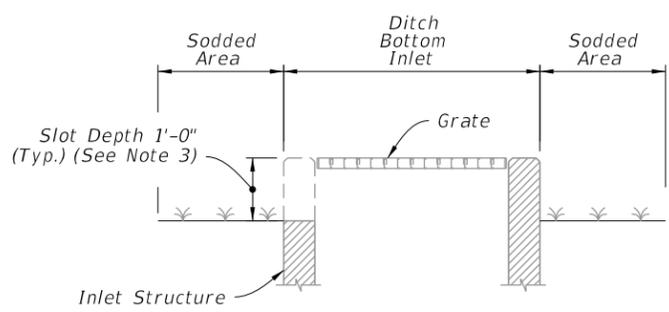
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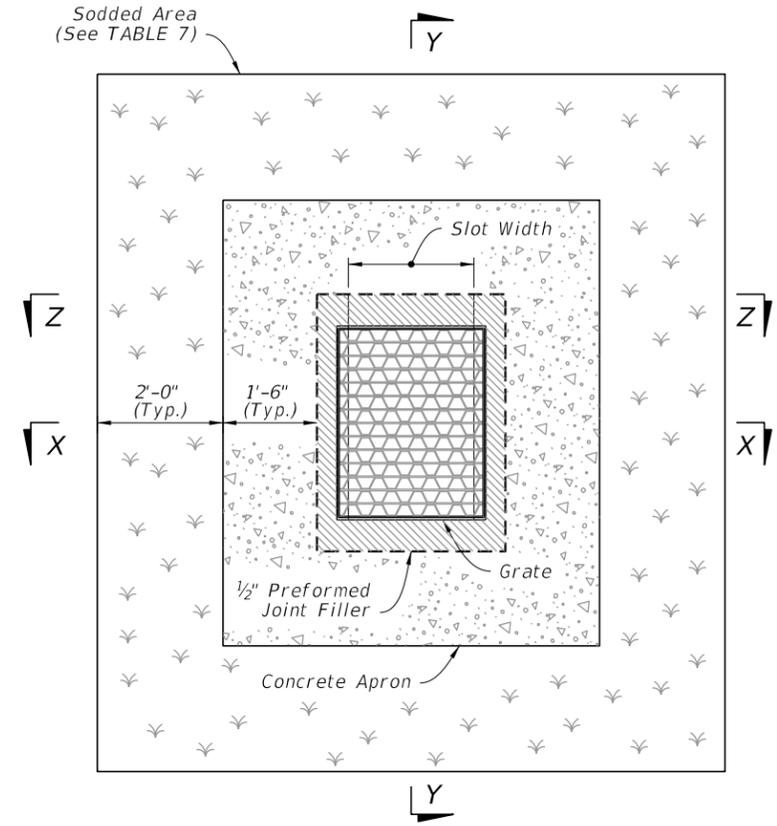


**TABLE 6
SOD ONLY
QUANTITIES**

| Inlet Type | Sod SY |
|------------|--------|
| C | 6 |
| D | 6 |
| E | 7 |
| H | 8 |

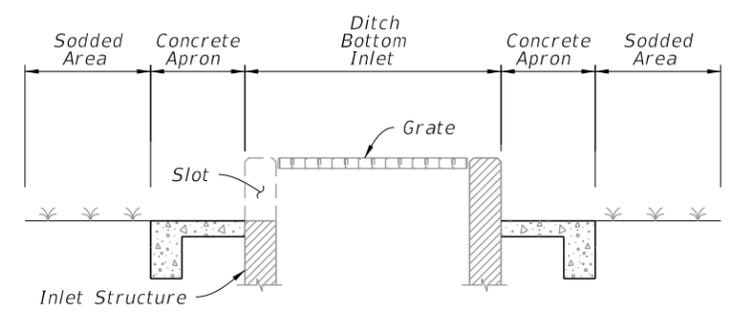


SECTION V-V

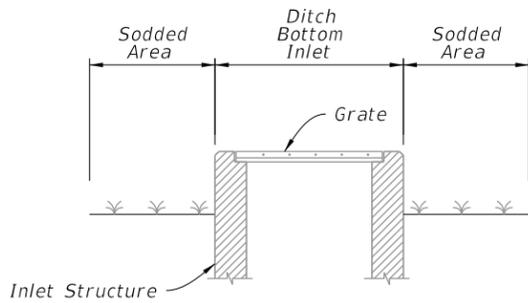


**TABLE 7
SOD AND CONCRETE
APRON QUANTITIES**

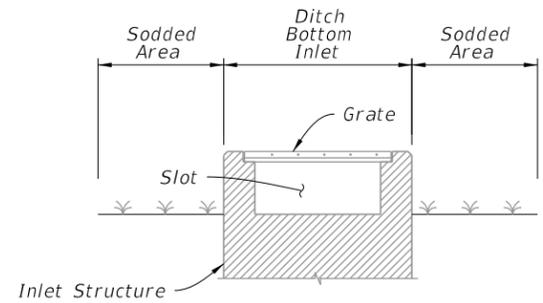
| Inlet Type | Sod SY | Conc. CY |
|------------|--------|----------|
| C | 8 | 0.30 |
| D | 9 | 0.36 |
| E | 9 | 0.37 |
| H | 11 | 0.45 |



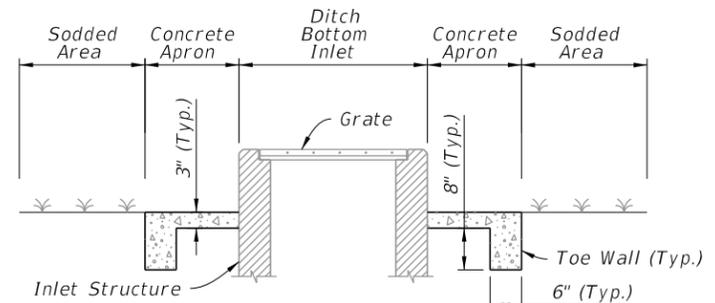
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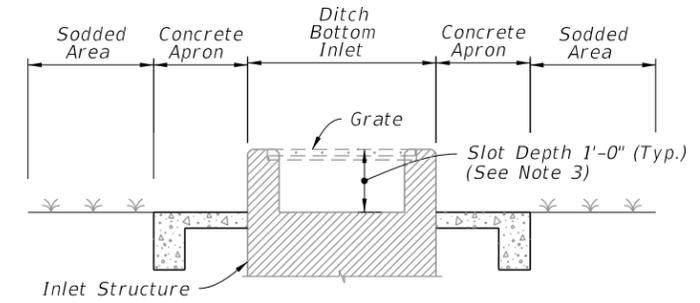
SECTION U-U



SECTION W-W



SECTION X-X



SECTION Z-Z

SODDING ONLY
(Slot Shown, Non-Slot Similar)

SODDING AND PAVEMENT
(Slot Shown, Non-Slot Similar)

NOTES:

1. Concrete Apron installed only where called for in the Plans.

2. Sod always required.

3. Slots are not permitted on sides with grate seats.

Moved to General Notes on Sheet 1 of 14

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11/01/23

| LAST REVISION | DESCRIPTION: |
|---------------|--------------|
| 10/01/20 | |
| 11/01/23 | |



FY 2023-24
STANDARD PLANS

DITCH BOTTOM INLET TYPES C, D, E, AND H

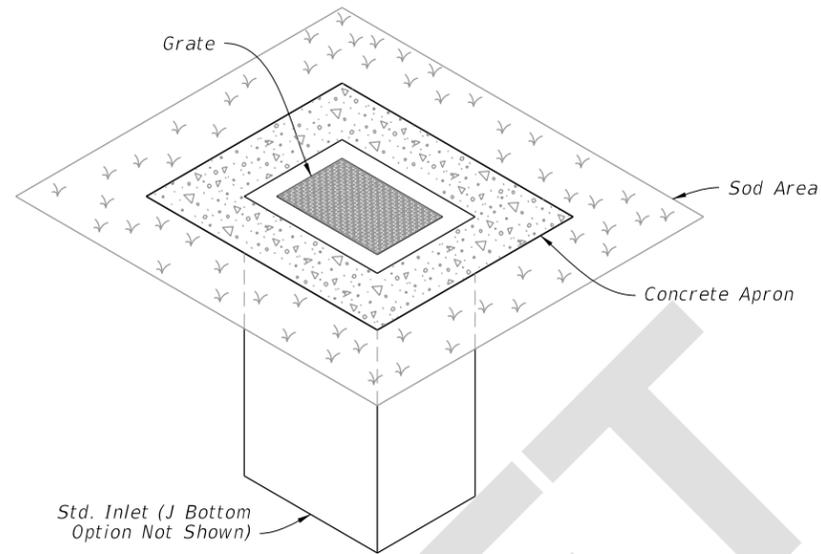
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NON-TRAVERSABLE INLET DETAILS

GENERAL NOTES:

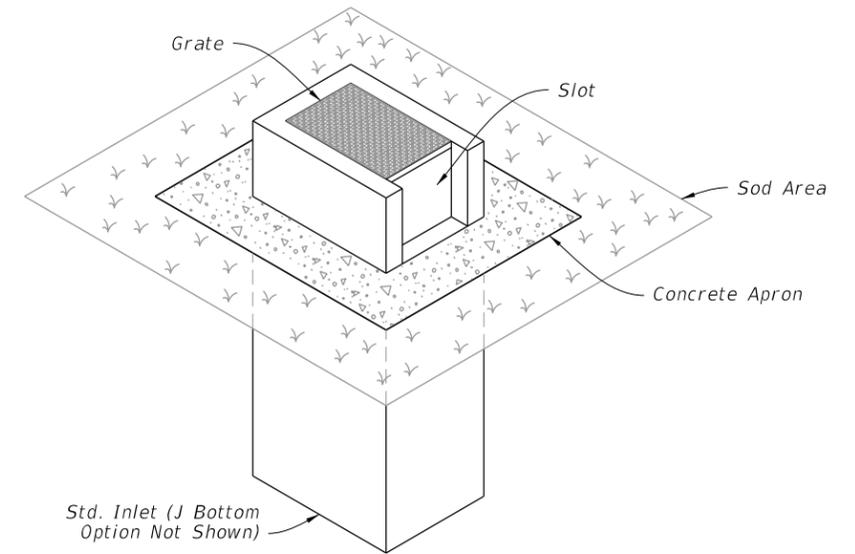
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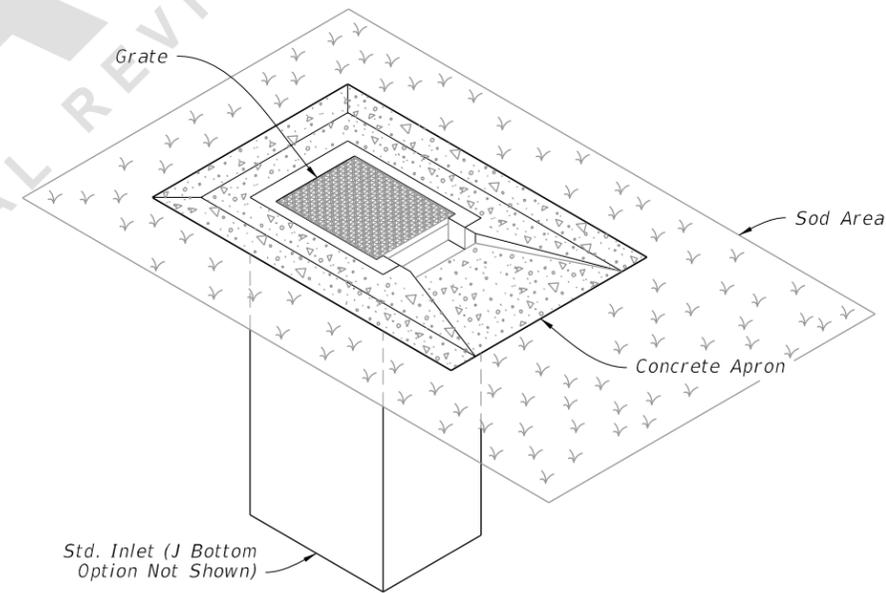
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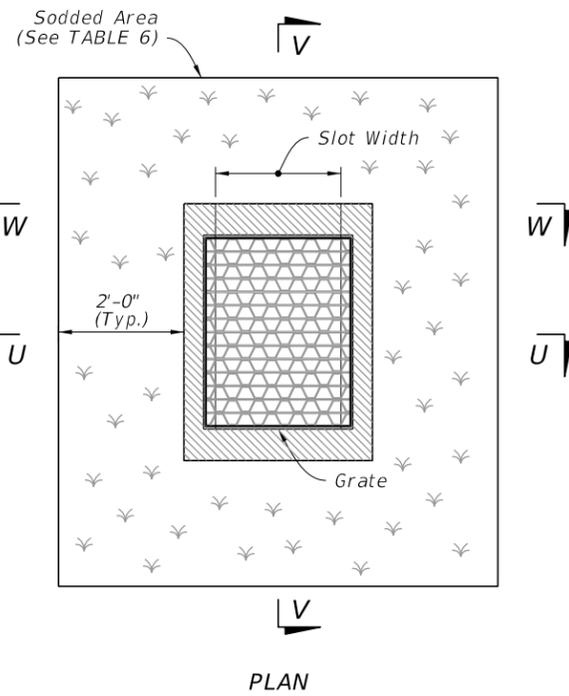
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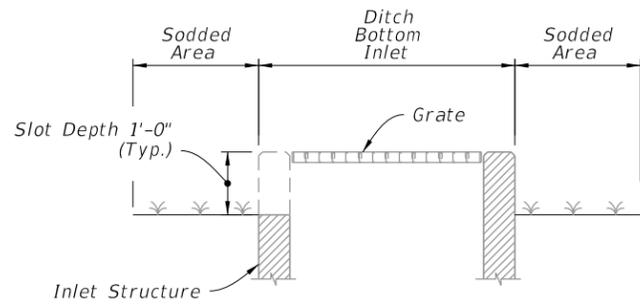
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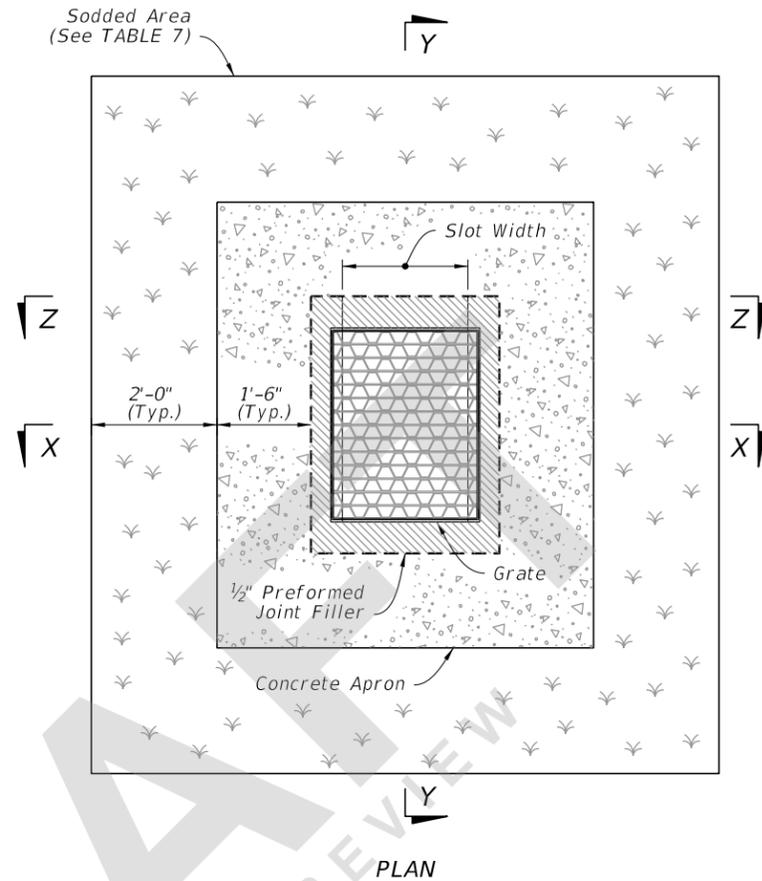


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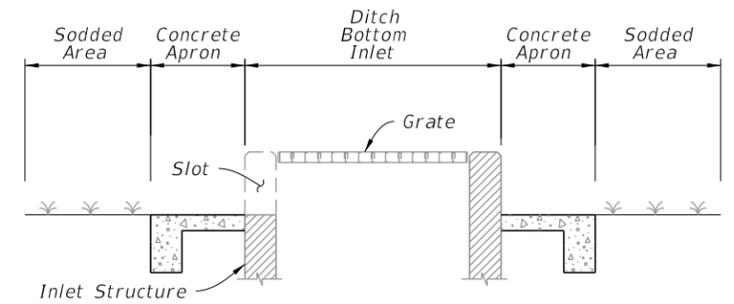


SECTION V-V

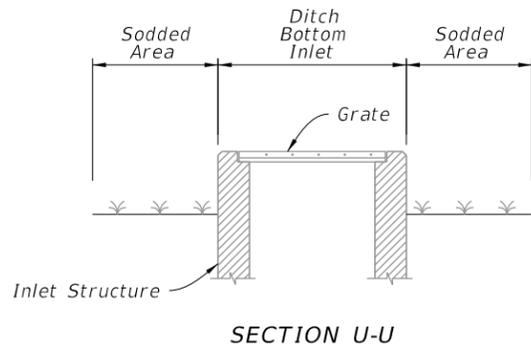


**TABLE 7
SOD AND CONCRETE
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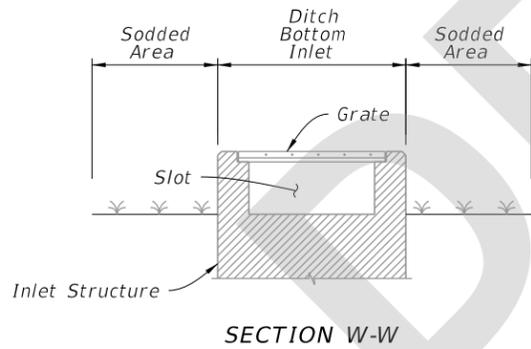
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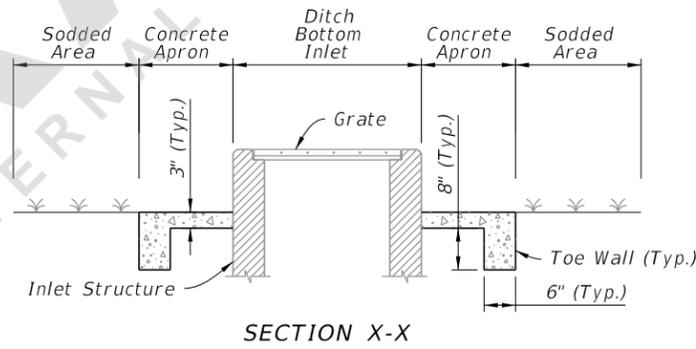
SECTION Y-Y



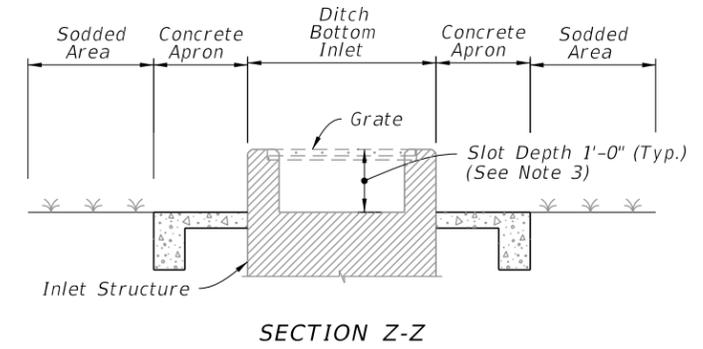
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SECTION W-W



SECTION X-X



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NON-TRAVERSABLE INLET DETAILS

| LAST REVISION | DESCRIPTION: |
|---------------|--------------|
| 11/01/23 | |



FY 2024-25
STANDARD PLANS

DITCH BOTTOM INLET TYPES C, D, E, AND H

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