

2008  
Year in Review  
Part II

Joe Ellis

# POST CONSTRUCTION REVIEWS

24-072-01 - Br 2-50B on Rte 8

24-073-02 – Br 3-122 on Handy Rd

24-073-05 – Br 3-918 at Reynolds Pond

94-074-11 – Br 813 Painting

24-200-19 – St Jones Greenway

# POST CONSTRUCTION REVIEWS

27-061-03 – Pave & Rehab, North III

25-128-03 – Levels Rd

Brenford Station Subdivision

Hertrich Capital Mazda

Central District Public Works

- 8 Commercial Entrances





# Subdivisions



- Dead end streets -  $> 200$  ft
  - Temporary paved cul-de-sac
  - and



## Subdivisions

- Dead end streets
  - Type III Barricade







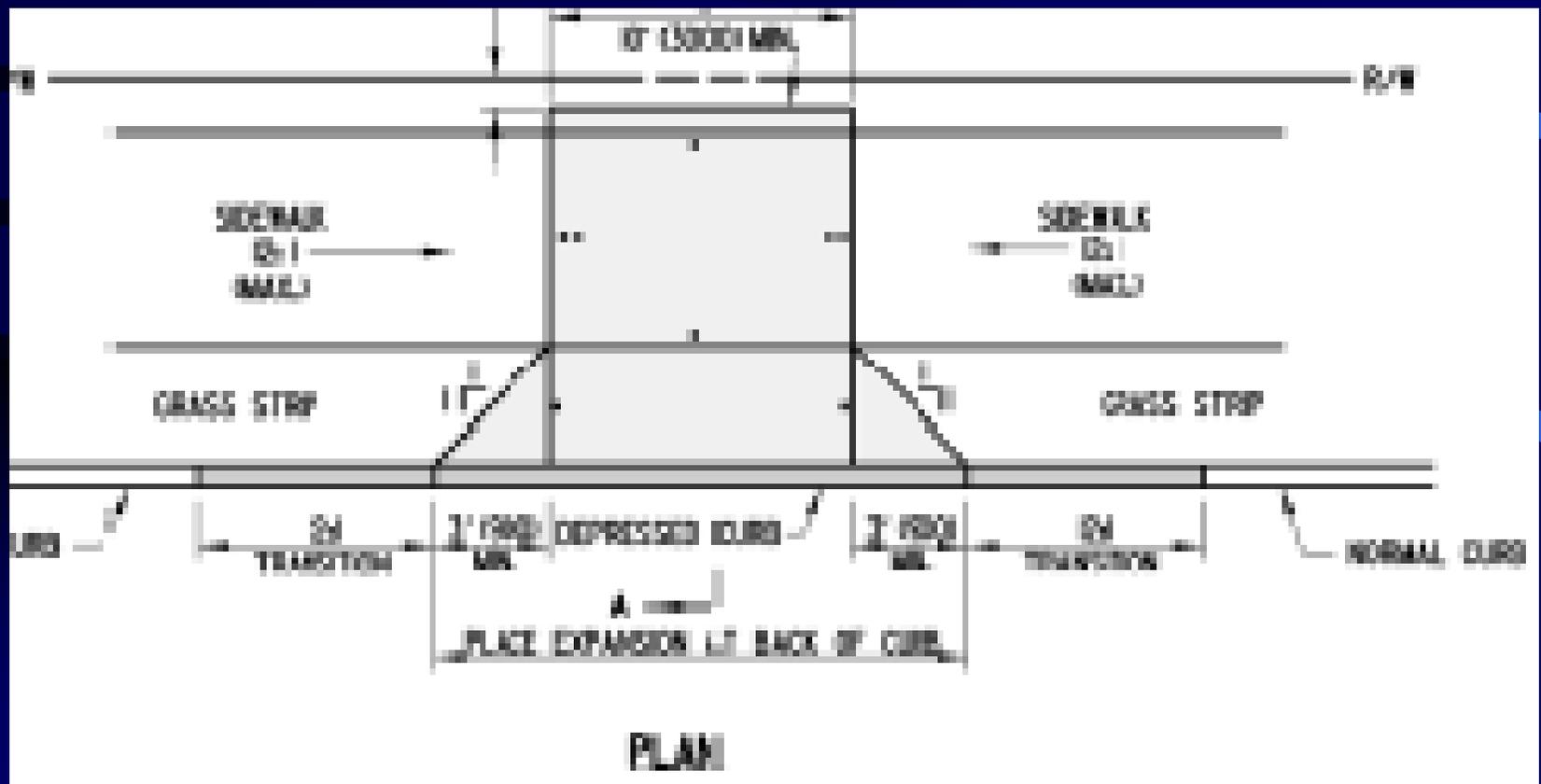
## Mailboxes

8 to 12 inches behind edge of  
pavement or face of curb  
( flow line )



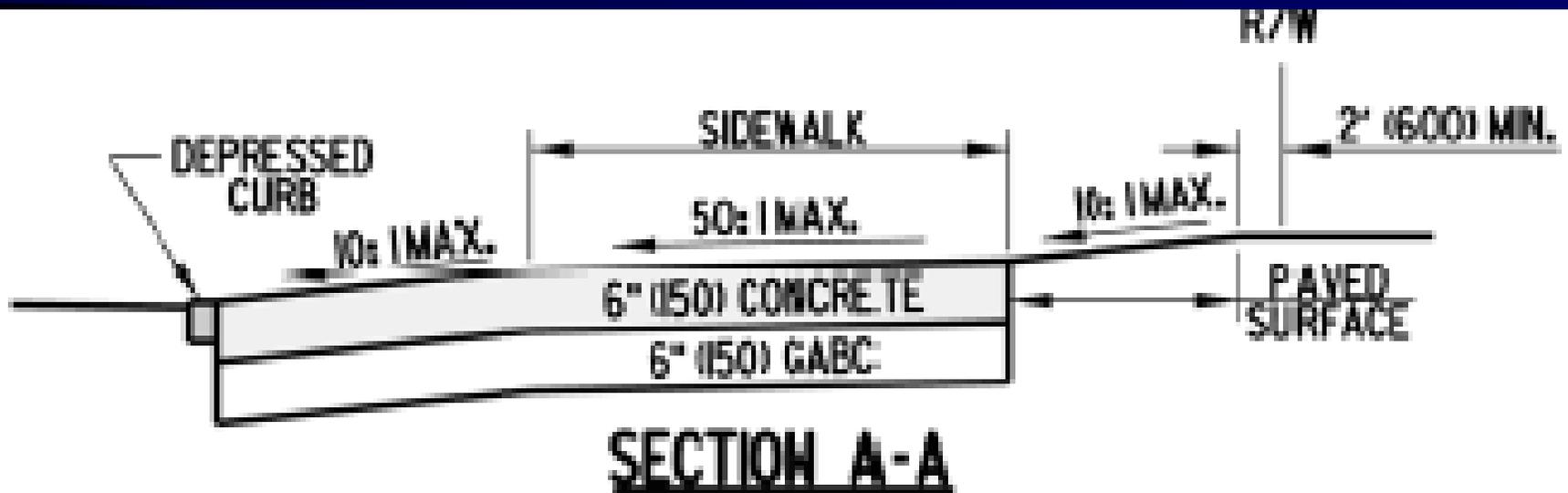
# Driveway Aprons

- Standard Const Detail C-3



# Driveway Aprons

- Standard Const Detail C-3



NOTE



## Shared Use Paths

- A shared use path is a facility that is physically separated from the roadway and intended for exclusive use of modes other than motorized vehicles.

## Shared Use Paths

- These facilities serve bicyclists, in-line skaters, roller skaters, wheelchair users and pedestrians, including walkers, runners, people with baby strollers, people walking dogs, etc.



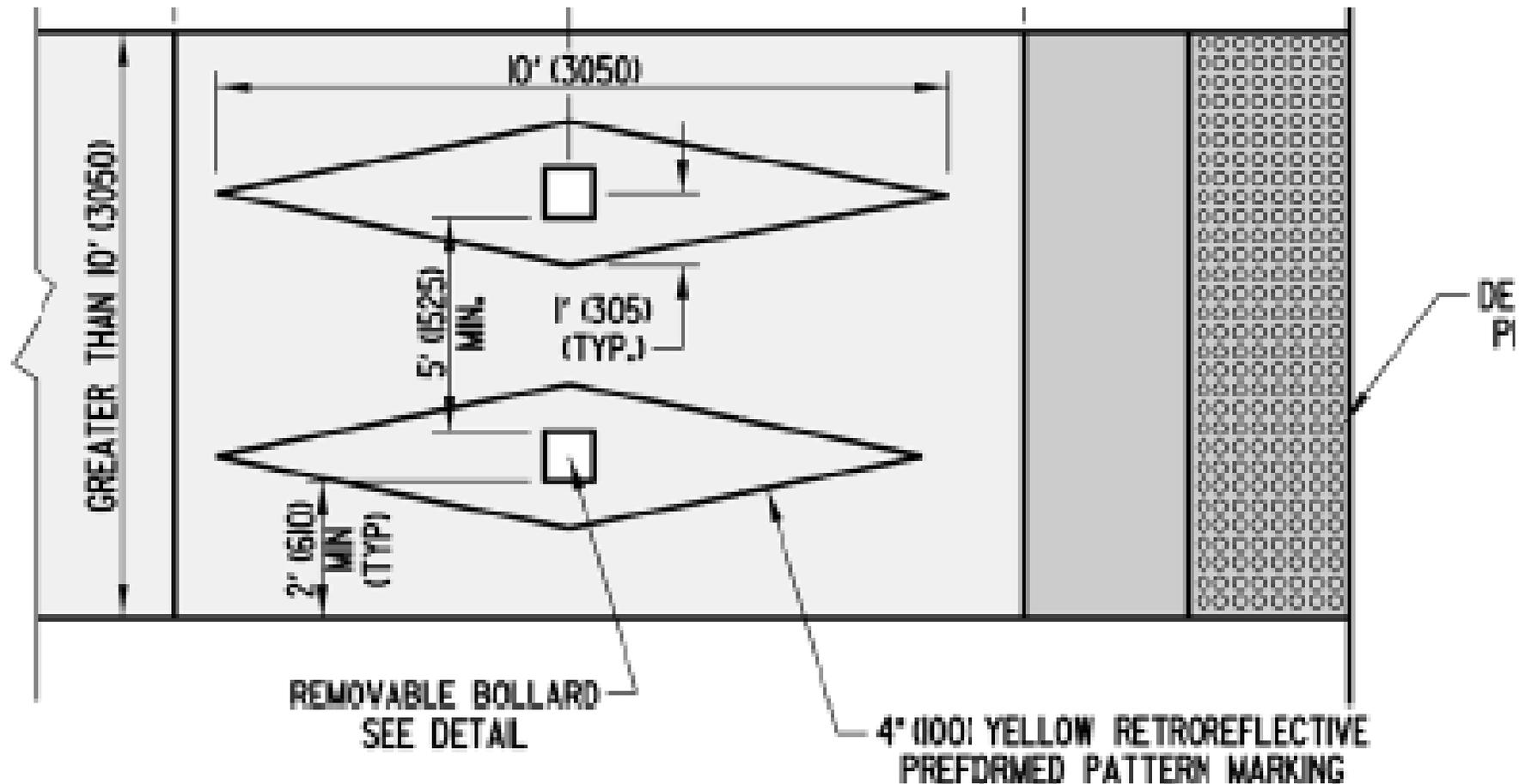
- 10 ft wide
- 8 ft for very light traffic
- 12 ft for heavy traffic areas



- Max 2% cross slope ( 50:1 )
- Max 5% running slope ( 20:1 )







- 8 to 10 ft = one bollard
- > 10 ft = two bollards
- Reflector panel on all sides
- Yellow diamond delineating bollard
  - Preformed tape - surface prep





ADA

Thanks !

# ADA

- Positive drainage
- Access and clearance
- Retaining wall joints
- Pedestrian access across bridges





2% max cross-slope



# ADA

- Cost savings to Dart











# Stamped Concrete



















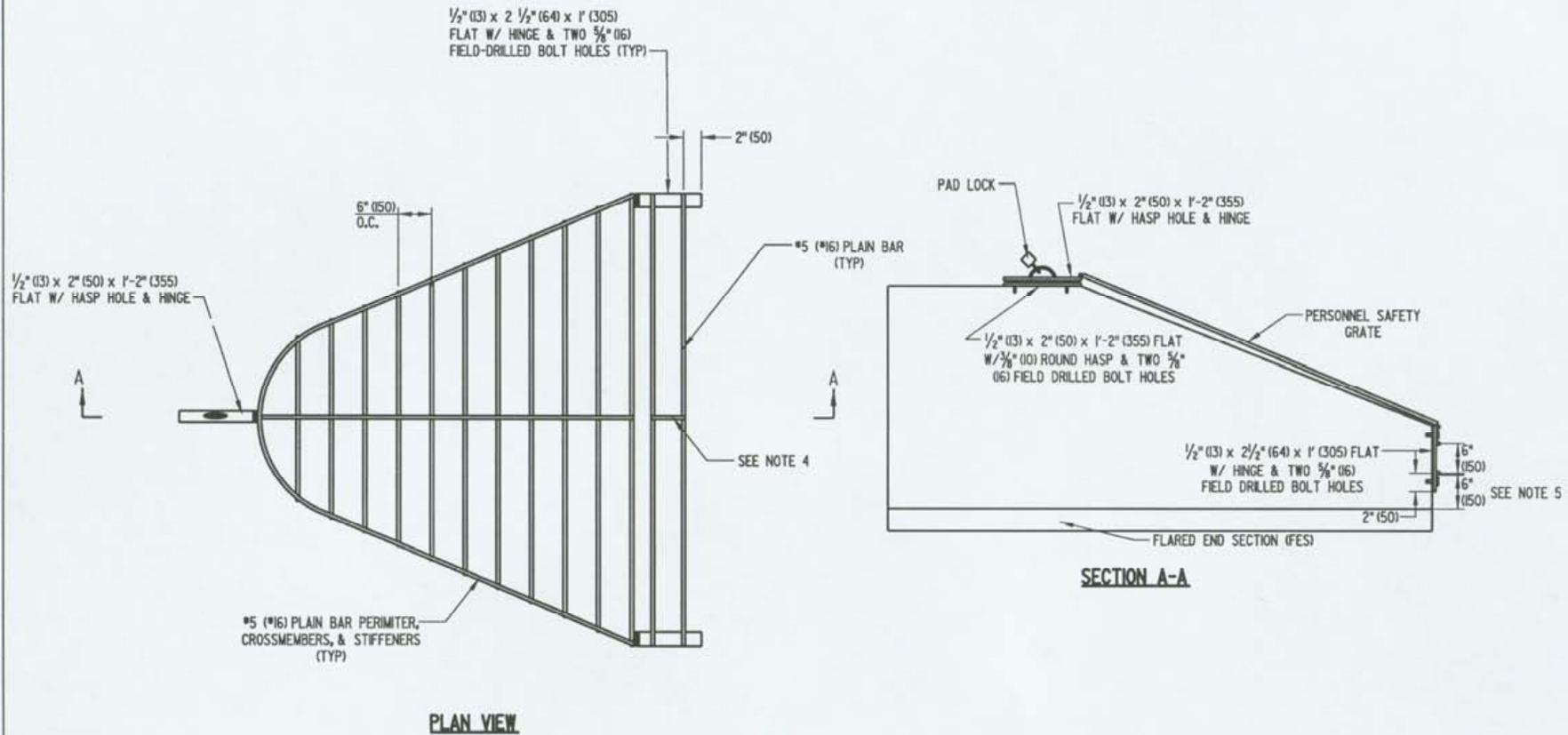
COMPACTION





# Personal Safety Grates

SCALE : N.T.S.



**NOTES:**

1. PERSONNEL SAFETY GRATES (PSG) SHALL ONLY BE INSTALLED ON STORM WATER PIPE INLETS.
2. THE GRATE SHALL BE MADE TO FIT THE OUTSIDE PERIMETER OF THE FLARED END SECTION (FES) 1/2" (3).
3. ALL BOLT HOLES ARE TO BE DRILLED IN THE FIELD.
4. A STIFFENER IS TO BE INSTALLED WHERE TWO OR MORE BARS ARE USED.
5. BOTTOM BAR SHALL BE 6" (150) ABOVE INVERT OF FES.



DELAWARE  
DEPARTMENT OF TRANSPORTATION

**SAFETY GRATES**

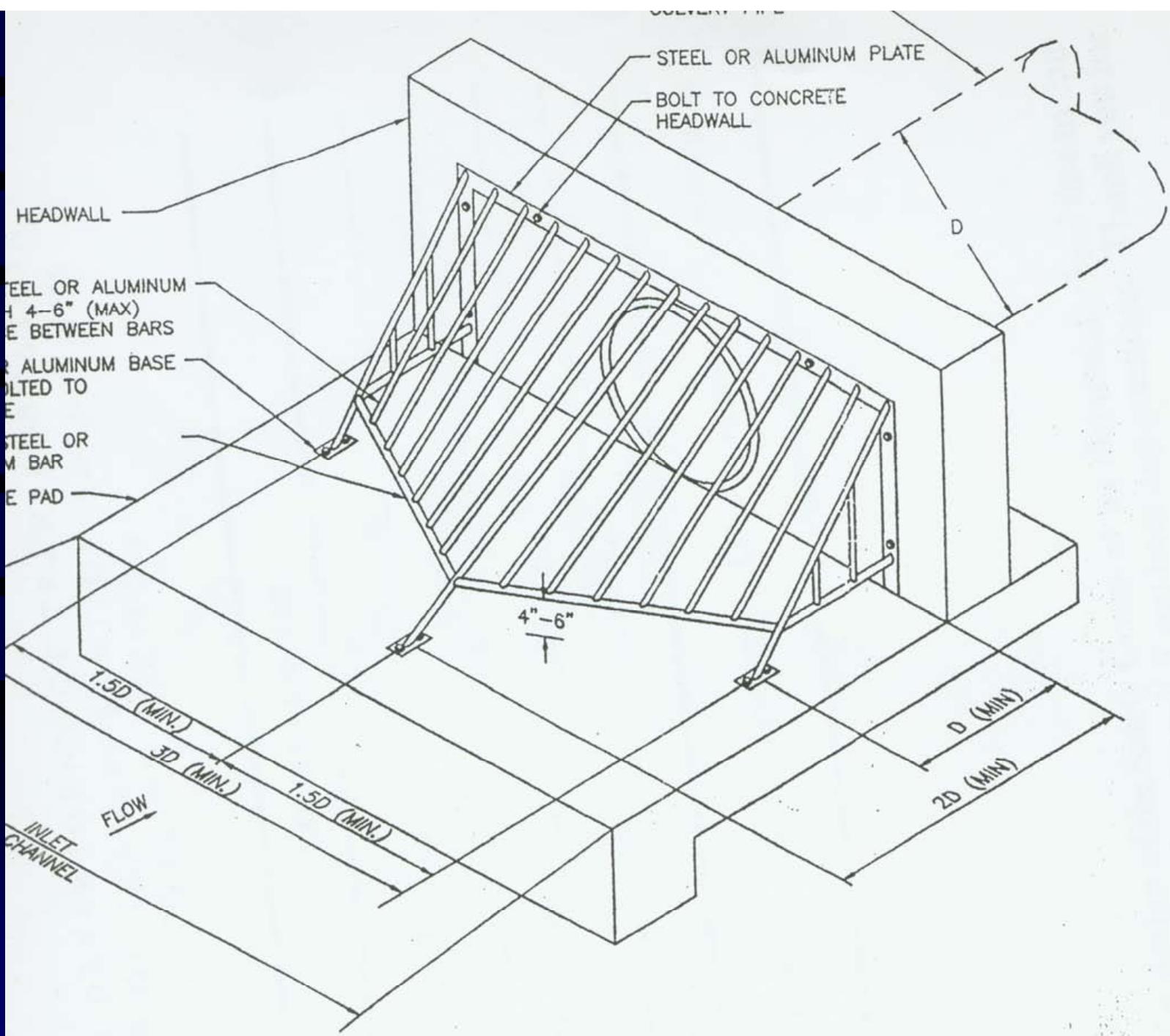
STANDARD NO. D-3 (2005) SHT. 2 OF 2

APPROVED *Carolyn Wick* 12/5/05  
CHIEF ENGINEER DATE  
RECOMMENDED *James M. O'Brien* 11/29/05  
DESIGN ENGINEER DATE

01/19/2006

## Standard Detail D3 Sht 2 of 2

















COMPACTION

“Quality Counts”

*Thank  
You*

