Welcome

Delaware Department of Transportation

Winter Workshop
Delaware Department of Transportation

Year In Review

by

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2008 Year In Review

• Topics
  – DelDOT’s Standard Specifications
  – DelDOT’s Standard Construction Details
  – ADA
  – Pavement Markings
  – Drainage Inlets
  – plus others
2008 Year In Review

- Topics not presented
  - DelDOT’s Subdivision Manual
  - DelDOT’s Road Design Manual
  - DelDOT’s DGMs

- www.Deldot.gov
  - Publications
Subdivisions

Entrance pipe or frontage ditches
V-ditches
Positive drainage along pavement
• Curb Openings
Subdivisions

• Drainage Easements
  – needed for maintenance

• Vacant Lots
  • Clean up R/W, topsoil & seed
Subdivisions

• Dead end streets
  – Temporary cul-de-sac or Type III
Subdivisions

• Signage
  – In accordance w/ Subdivision Manual Chapter 5
  – Development Name Signs have changed back from wood to 2” steel tube
  – All sign breakaway 4” max from ground
Mailboxes

8 to 12 inches from face of curb

( flow line )
2% cross-slope
Driveway Aprons

- Standard Const Detail C-3
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
Shared Use Paths

- Sign height 4 to 5 ft (Fig 9B-1, MUTCD)
• Positive drainage
• Access and clearance
• Retaining wall joints
• Pedestrian access across bridges
• 2% cross-slope in crosswalks
Guardrail

- Grading per Standard Details
- Reflective material on head
Guardrail

- Butterfly reflectors
- Paved maintenance strip
• Taper corners flush w/pavement
• 4 ft bike lane
• Flexible Rubber Delineators
Striping Concerns

- Better review
- Responsibility of inspector and contractor
- Epoxy, thermoplastic (paint & preformed), tape (striping & symbols), paint
  - Proper turn lanes
  - Stop bar use vs sharks teeth
  - Centerline no passing
CONSTRUCTION

ISSUES

COMPACTION

COMPACTION
Safety
YOU’LL NEVER GET TO WORK ON TIME HAHA!!

SAFETY