

ORDINANCE NO. 06 - 01

AN ORDINANCE OF PENN TOWNSHIP, SNYDER COUNTY, PENNSYLVANIA, AMENDING THE TOWNSHIP ORDINANCE NO. 85-2, AS AMENDED, REGARDING ROAD STANDARDS, REVISING CARTWAY WIDTHS, BERM DESIGNS, PAVING SPECIFICATIONS AND SIDEWALK WIDTHS.

The Board of Supervisors of Penn Township, Snyder County, Pennsylvania enacts and ordains as follows:

SECTION 1. Authority for Ordinance. This Ordinance is adopted in conformance with and pursuant to authority granted by Sections 2316 and 2317 of the Second Class Township Code (53 P.S. §§67316, 67317), and Sections 503 and 509 of the Municipalities Planning Code (53 P.S. §§10503, 10509), each as amended.

SECTION 2. Amendment. Exhibit A as referenced in Sections 1(c) and 2(d) of Ordinances 87-2 and 93-2, which amended Ordinance No. 85-2, is amended to alter cartway widths, berm widths and design, and paving requirements, as set forth in the attached.

SECTION 3. Amendment, Section Four, Road Standards.

A. Subsection 1, paragraph (b) of Section Four is amended to read as follows:

"The legal right-of-way width for the road shall not be less than 50 feet; the graded, improved and paved cartway width of the road, including shoulders shall be not less than 28 feet."

B. Subsection 2, paragraph (c) of Section Four is amended to read as follows:

"The legal right-of-way width for the road shall not be less than 50 feet; the graded, improved and paved cartway width of the road shall extend from curb to curb and shall not be less than 32 feet; a graded and improved planting area of not less than 3 feet 8 inches in width shall be constructed adjacent to each curb, and concrete sidewalks of not less than 4 feet in width and 4 inches in depth shall be installed along and adjacent to each planting area."

SECTION 4. Affirmation. The remaining portions of Ordinance No. 85-2, as amended by Ordinances Nos. 87-2 and 93-2, are affirmed and shall remain in full force and effect.

SECTION 5. Effective Date. This Ordinance shall be in full force and effect 5 days after its enactment.

DULY ENACTED AND ORDAINED this 20th day of June, 2006, by the Board of Supervisors of Penn Township, Snyder County, Pennsylvania, at regular public meeting after proper notice having been given.

PENN TOWNSHIP
Snyder County, Pennsylvania

ATTEST:



Robin M. Bieber
Robin Bieber, Secretary

(Township Seal)

Fred Ulrich
Fred Ulrich, Chairman

Jon Payne
Jon Payne, Supervisor

Roy A. Knause
Roy Knause, Supervisor

**EXHIBIT A
PENN TOWNSHIP
TYPICAL ROADWAY SPECIFICATIONS**

Construction and materials specifications for streets and roads proposed to be dedicated to Penn Township shall meet the criteria set forth herein. All construction shall meet the requirements of PA Department of Transportation Specifications Publication 408, most recent edition.

ROADWAY: PAVED CARTWAY

Sect. 400, 409, 420	Wearing Course	Min. 1-1/2" Superpave Asphalt Mixture Design, 9.5 MM Fine-Graded Wearing Course, PG 64-22, 0.0 to 0.3 million ESAL's
Sect. 400, 409, 421	Base Course	Min. 2-1/2" Superpave Asphalt Mixture Design 25.0 MM Binder Course, PG 64-22, 0.0 to 0.3 million ESAL's
Sect. 350, 703	Subbase	Minimum 8" of 2A subbase
Sect. 210	Subgrade	Graded and prepared subgrade
Sect. 203, 204 205	Excavating and borrow excavation	Excavating for roadways, appurtenances and structures
Sect. 206	Embankment	Construction of embankments and backfills
Sect. 601, 602 604, 605 615, 616	Subsurface drainage	Construction of subsurface drainage and pipe culverts

ROADWAY: TYPICAL SHOULDERS

Sect. 350, 703	Subbase	minimum 8" of 2A subbase
Sect. 210	Subgrade	Graded and prepared subgrade

ROADWAY: PAVED SHOULDERS TYPE 1-I

Sect. 651	Wearcourse	Min. 2" Superpave Asphalt Mixture Design, 9.5 MM Fine-Graded Wearing Course, P 64-22, 0.0 to 0.3 Million ESAL's
Sect. 350, 703	Subbase	Min. 6" of 2A subbase
Sect. 210	Subgrade	Graded and prepared subgrade

- Notes:
1. 2A subbase material shall be uniform depth as specified.
 2. Unstable cut and fill areas shall be undercut and backfilled with clean granular material to a depth as required to stabilize.
 3. All road cuts for utility lines, drainage tiles, and the like shall be backfilled with 2A Subbase.
 4. Construction methods shall be in accordance with PA Department of Transportation form 408

Bituminous Wearing Course - Sect. 400-420
Bituminous Base Course - Sect. 300 & 421
Earthwork - Sect. 200
Embankment - Sect. 206
Excavation and Borrow excavation - Sect. 203, 204, 205
Shoulders - Sect. 480, 651, 653
Subbase - Sect. 703
Subgrade - Sect. 210
Subsurface Drainage - Sect. 601, 602, 604, 605, 615, 616
Surface treatment - Sect. 480.3, 651

Roadway Grades:

1. Minimum 0.75% grade
2. Maximum 10.0% grade
3. a leveling area of approximately 25 feet not exceeding 4.0% shall be provided at all intersections from the edge of pavement of the intersecting road.
4. All roadway sections exceeding 5.0% grade shall have paved shoulders with bituminous concrete (extruded) rolled edges in all cut areas (or curb if required).

**New Superpave Designations
For Material Bids
Effective January 1, 2006**

<u>Old PENNDOT Conventional Paving Material</u>	<u>New Superpave Designations</u>	<u>Max. Depth</u>
ID-2, Wearing Course	Superpave Asphalt Mixture Design, 9.5 MM Fine-Graded Wearing Course PG 64-22, 0.0 to 0.3 million ESAL's* <u>OR</u>	1 ½"
ID-2, Wearing Course	Superpave Asphalt Mixture Design, 9.5 MM Wearing Course, PG 64-22, 0.0 to 0.3 million ESAL's*	1 ½"
ID-3, Wearing Course	Superpave Asphalt Mixture Design 19.0 MM Wearing Course PG 64-22, 0.0 to 0.3 million ESAL's*	3"
ID-2, Binder Course	Superpave Asphalt Mixture Design 25.0 MM Binder Course PG 64-22, 0.0 to 0.3 million ESAL's*	4"
BCBC, Base Course	Superpave Asphalt Mixture Design 25.0 MM Base Course PG 64-22, 0.0 to 0.3 million ESAL's*	5" Max. per lift.
<u>ESAL's*</u> 0.0 to 0.3 million 0.3 to 3.0 million 3.0 to 10.0 million 10.0 to 30.0 million	<u>Trucks / Day</u> 0 to 40 40 to 400 400 to 1,300 1,300 to 3,900	

New Road Construction Inspections.

With respect to all new roads constructed in the Township by private developers which are expected to be offered for dedication by the Township after completion, in addition to the construction standards set forth in the Township's Road Design Standards Ordinance, No. 85-02, as amended, the following inspection schedule and time table shall apply:

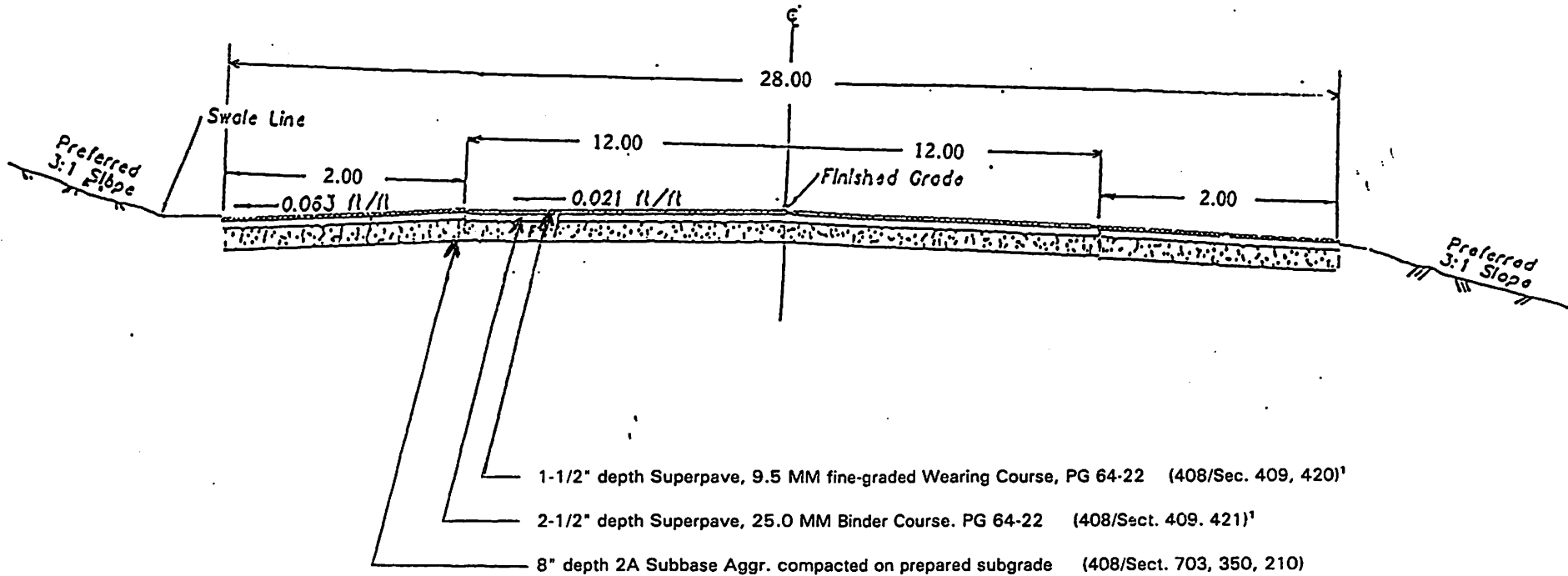
1. The Township shall be afforded the opportunity to inspect the proposed public road at each of the following steps:
 - a. before the stone subbase is laid, to ensure there has been no settling, etc. with respect to pipes, manholes, etc.;
 - b. after the stone subbase is laid and before the asphalt binder course is laid, to ensure adequate depth, evenness and compaction of stone subbase;
 - c. after the asphalt binder course is laid, to ensure adequate and evenness of asphalt base;
 - d. the wearing course shall be applied as soon as possible after the binder course is completed to prevent contamination of the binder course by mud and debris;
 - e. after the wearing course is completed; and
 - f. after all roadway edge grading is completed.
2. Weigh slips and material certifications shall be provided to the Township during application of such materials, to verify quantities and quality of materials use.
3. It shall be the developer's duty to notify the Township at least three (3) business days prior to commencing any of the steps set forth in paragraph 1, advising the Township of the dates and times when the work will be done so that the Township can timely conduct the inspection and, if desired, observe the work as it is being done.
4. In the event that the Township is not afforded the above inspections, and/or the above timetable is not adhered to, the Township shall use whatever means it deems necessary, at the developer's expense, to verify the adequate construction of the road prior to acceptance of dedication.

5. When the road is offered for public dedication, the developer will present to the Township, in form acceptable to the Township:

- a. an executed Deed of Dedication;
- b. Resolution for adoption of the road as a public road by the Board of Supervisors;
- c. Maintenance Bond warranting the integrity of the Road for a period of 18 months after acceptance of dedication:
- d. Financial security for the Maintenance Bond in a sum equal to 15% of the actual cost of the construction of the road.
- e. weigh slips for all material used in construction, if not previously provided during construction.

ROADS ADJACENT TO LESS THAN 2.5 DWELLINGS PER ACRE.

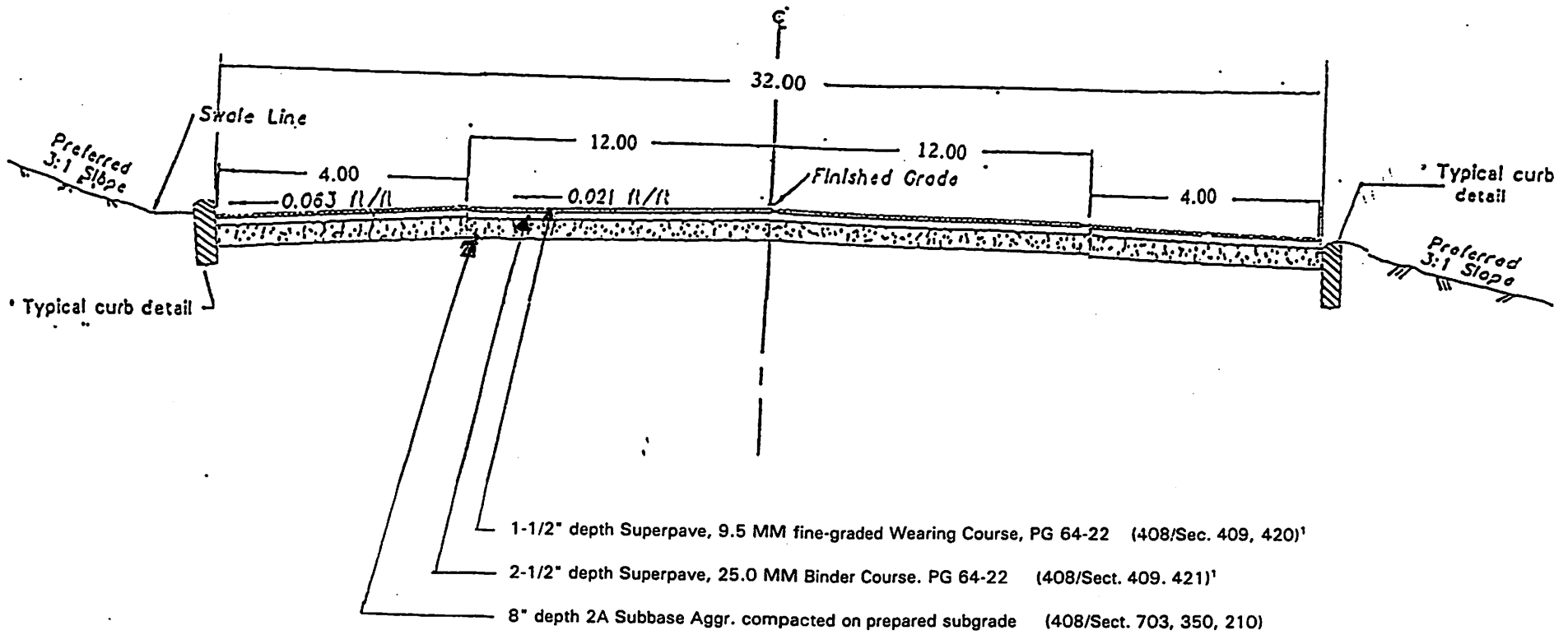
TYPICAL ROADWAY SECTION



¹ Superpave Asphalt Mixture Design, PG 64-22, 0.0 to 0.3 million ESAL's
See Exhibit A, page 3 of 7, "New Superpave Designations for Materials Bid Effective January 1, 2006,
for material specifications.

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TYPICAL ROADWAY SECTION



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* Curb Detail - design and install as directed by Supervisors.