BUREAU OF STATE RECORDS
162 Washington Avenue
Albany, NY 12231-0001

DATE: 6/16/95

MUNICIPALITY		
Town of Deerfield		
LOCAL LAW(S) NO.	YEAR	FILING DATE
1 thru 3	1995	6/15/95

Local Law Acknowledgment

EANNACE PHYLLIPS O'BRIEN & DANIELS
1411 GENESEE STREET
UTICA NY 13501

The above-referenced material was received and filed by this office as indicated.

Additional local law filing forms will be forwarded upon request.

DOS-236 (Rev. 6/90)

PHILLIPS, ULLMAN & EANNACE, P.C.
Attorneys-at-Law
1411 Genesee Street
Utica, New York 13501
Tel. (315)732-3155
Fax. (315)732-4292

Ralph J. Eannace, Jr
Lewis E. Ullman (1949-1991)

Bruce F. Daniels Jr.
Mary Beth Oster-Erlichman
John A. Jadhon*

*Also admitted in MA.

OF COUNSEL

Althea M. Phillips
Morgan T. Fisher
Thomas F. O'Brien
Dean P. D'Amelio

June 20, 1995

Honorable Joseph Arcuri
232 Ramblewood Drive
Utica, New York 13502

Dear Joe,

For your records, please find the enclosed copies of Local Law 1, 2, and 3 for 1995, as filed with the New York State Secretary of State, on June 15, 1995, with attached receipt.

If you have any questions, please contact me.

Very truly yours,

Phillips, Ullman & Eannace

By: Ralph J. Eannace, Jr.
Ralph J. Eannace, Jr.

Local Law Filing

NEW YORK STATE DEPARTMENT OF STATE
162 WASHINGTON AVENUE, ALBANY, NY 12231

(Use this form to file a local law with the Secretary of State.)

Text of law should be given as amended. Do not include matter being eliminated and do not use italics or underlining to indicate new matter.

~~County~~
~~City~~
Town of Deerfield
~~Village~~

Local Law No. 2 of the year 19 95

A local law Standards for Street Design and Construction
(Insert Title)

Be it enacted by the Town Board of the
(Name of Legislative Body)

~~County~~
~~City~~
Town of Deerfield as follows:
~~Village~~

(If additional space is needed, attach pages the same size as this sheet, and number each.)

5. (City local law concerning Charter revision proposed by petition.)

I hereby certify that the local law annexed hereto, designated as local law No. ..... of 19..... of the City of ..... having been submitted to referendum pursuant to the provisions of section (36)(37) of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of such city voting thereon at the (special)(general) election held on ..... 19...., became operative.

6. (County local law concerning adoption of Charter.)

I hereby certify that the local law annexed hereto, designated as local law No. ..... of 19..... of the County of ..... State of New York, having been submitted to the electors at the General Election of November ..... 19...., pursuant to subdivisions 5 and 7 of section 33 of the Municipal Home Rule Law, and having received the affirmative vote of a majority of the qualified electors of the cities of said county as a unit and a majority of the qualified electors of the towns of said county considered as a unit voting at said general election, became operative.

(If any other authorized form of final adoption has been followed, please provide an appropriate certification.)

I further certify that I have compared the preceding local law with the original on file in this office and that the same is a correct transcript therefrom and of the whole of such original local law, and was finally adopted in the manner indicated in paragraph 1, above.

Virginia Carey
Clerk of ~~the City Council, City Clerk, or other officer designated by local legislative body~~ Town of Deerfield

(Seal)

Date: May 31, 1995

(Certification to be executed by County Attorney, Corporation Counsel, Town Attorney, Village Attorney or other authorized attorney of locality.)

STATE OF NEW YORK
COUNTY OF Franklin

I, the undersigned, hereby certify that the foregoing local law contains the correct text and that all proper proceedings have been had or taken for the enactment of the local law annexed hereto.

Ralph J. Eannace
Signature

Town Attorney
Title

~~City~~ Town of Deerfield

Date: May 31, 1995

TOWN OF DEERFIELD LOCAL LAW NO. 2 OF THE YEAR 1995 A LOCAL LAW ENTITLED "STANDARDS FOR STREET DESIGN AND CONSTRUCTION"

Be it enacted by the Town Board of the Town of Deerfield, the following is hereby enacted and known as Deerfield Local Law number 2, entitled "Standards for Street Design and Construction"

All ordinances, Local Laws and parts thereof inconsistent with this Local Law are hereby repealed.

This Local Law shall take effect immediately upon filing in the Office of the Secretary of State in accordance with the Municipal Home Rule Law.

Original Copy
Town Clerk

STANDARDS

FOR STREET DESIGN
AND
CONSTRUCTION

TOWN OF DEERFIELD
ONEIDA COUNTY, NEW YORK
FINAL VERSION AS DRAFTED
MAY 8, 1995

TABLE OF CONTENTS

TOWN OF DEERFIELD
ONEIDA COUNTY, NEW YORK
Final Version as Drafted May 8, 1995

SECTION A

General

1. Standards

   Whenever within these standards there is a discord, or overlapping information with any existing standards or specifications shown in other Sections of the Town of Deerfield Zoning Ordinance, or if these specifications provide a higher standard, these specifications and standards shall supersede all others and shall prevail.

   These standards shall be complied with and no higher standard may be required by the Planning Board except where it finds that due to exceptional and unique physical conditions of the site or because of the character of surrounding development, the minimum standards specified herein would not reasonably protect or provide for public health, safety or welfare. Any higher standard required shall be limited to the minimum additional improvements necessary to protect the public health, safety or welfare.

2. Inspection

   The street shall be constructed in accordance with these "Standards for Street Design and Construction" and "Typical Street Sections" for the Town of Deerfield and inspected by the Highway Superintendent and the Town Engineer through each stage of construction. The applicant shall give adequate notice to Town officials that an inspection of a stage of the street construction is required.

3. Street Design And Functional Street Classifications

   Street design and functional street classifications shall also comply with all applicable geometric design criteria and definitions shown in "*A Policy on Geometric Design of Highways and Streets*" by the American Association of State Highway and Transpor-tation Officials which is in effect at the time of initial construction of the street except as modified herein.

4. Traffic Control Devices

   Traffic control devices shall be as prescribed in the most current edition of the "*Manual of Uniform Traffic Control Devices*" published by the New York State Department of Transportation.

5. Materials

   All materials used in the construction of any street must be sampled and tested to assure that they comply with the provisions set forth in the New York State Department of Transportation Standard Specifications, and all current Addenda which are in effect at the time of initial construction of the street. The materials will be tested at an approved testing laboratory. Testing may be waived if certifications of the materials are presented to the Highway Superintendent and the Town Engineer prior to their use.

6. Drainage Structures

   Drainage structures and any required drop inlets, manholes and/or catch basins shall be built in conformance with the "Drainage Structure Detail Standard Sheets" published by the New York State Department of Transportation, or an approved equal, which are in effect at the time of initial construction of the street.

STANDARDS FOR STREET DESIGN AND CONSTRUCTION

TOWN OF DEERFIELD
ONEIDA COUNTY, NEW YORK
Final Version as Drafted May 8, 1995

SECTION B

Street Section Requirements

Table of Application of Typical Street Sections

Yes = Permitted
No = Not Permitted

Subdivision Development Intensity	Typ. Sect. #1 (See Pg. 11) Normal Ditch (See Note 2 below)	Typ. Sect. #2 (See Pg. 12) Swale Ditch (See Notes 1 & 2 below)	Typ. Sect. #3 (See Pg. 13) Gutter at Edge of Pavement (See Notes 1 & 2 below)	Typ. Sect. #4 (See Pg. 14) Gutter with Shoulder (See Notes 1 & 2 below)
Streets with:				
lot widths < 85 feet	No	Yes*	No	Yes
lot widths 85 to 125 feet	No	Yes	Yes	Yes
lot widths 125 to 200 feet	No**	Yes	Yes	Yes
lot widths > 200 feet	Yes	Yes	Yes	Yes
Collector Street	Yes*	Yes*	No	Yes*
Arterial Street	Yes*	Yes*	No	Yes*

Note 1: All closed storm water drainage systems must only be installed within a Special Storm Water Management District which will provide for full funding of maintenance and improvements.

Note 2: The Normal Ditch may be used in areas where no homes will be constructed (i.e. inside of Cul-de-sacs, access road, etc.).

* With 6 foot shoulders regardless of Average Daily Traffic (ADT).

** Normal Ditch may be used for subdivisions of no more than ten (10) lots, with lot widths of 150 feet or more.

TOWN OF DEERFIELD
ONEIDA COUNTY, NEW YORK
Final Version as Drafted May 8, 1995

SECTION C

General Design Standards

1. Conforming Standards
   a. Streets shall be designed, constructed and graded to conform to the following standards and specifications and shall be submitted for review and approved as to design and construction by the Highway Superintendent and the Town Engineer:

Design Feature	Residential	Non-Residential Business-Industrial
2. Minimum Width Right-of-Way (In Feet)		
a. Local Street	60	60
b. Collector Street	60	60
c. Arterial	60	60
3. Minimum Pavement Width		
a. Local Street	22	22
b. Collector Street	22	22
c. Arterial	22	22
4. Maximum Grade (Percent)		
a. Local Street	10	6
b. Collector Street	8	6
c. Arterial	6	5
5. Minimum Grade (Percent) All Streets	0.5	1
In extremely flat terrain, grades of 0.3% may be used if approved by the Town Engineer.		
6. Minimum Radius of Horizontal Curve (In Feet)		
a. Local Street	100	200
b. Collector Street	100	200
c. Arterial	300	400
7. Minimum Length of Tangents Between Reverse Curves (In Feet)		
a. Local Street	100	200
b. Collector Street	100	200
c. Arterial	200	300
8. Minimum Sight Distance (In Feet)		
a. Local Street	240	250
b. Collector Street	240	250
c. Arterial	275	300

Design Feature (Continued)	Residential	Non-Residential Business-Industrial
9. Minimum Turnaround / Cul-de-sac (In Feet)		
a. Local Road Right-of-Way Diameter	240	240
b. Centerline Pavement Diameter	180	180
c. Center Island Diameter (If Required)	120	120

The turnaround may also be a T-type turnaround with a minimum of 20 feet in width and 60 feet long, approved by the Highway Superintendent and the Town Engineer.

10. Minimum Design Speed (Miles Per Hour)		
a. Local Road	30	40
b. Collector Roads	40	40
c. Arterial	50	50

11. Minimum Length of Vertical Curves
    a. Local Road: 100 feet, but not less than 20 feet for each algebraic difference in grade.
    b. Collector Road: 100 feet, but not less than 20 feet for each algebraic difference in grade.
    c. Arterial: 200 feet, but not less than 50 feet for each one percent.

12. Design Traffic Volumes
    a. Projected average daily traffic (ADT) volumes shall conform to the current edition of "*Trip Generation*" published by the Institute of Transportation Engineers.

13. Intersections
    a. Where any street intersection will involve earth banks or existing vegetation inside any lot corner that would create a traffic hazard by limiting visibility, the developer shall cut such ground and/or vegetation (including trees) in connection with the grading of the public right-of-way to the extent deemed necessary to provide an adequate sight distance.

    b. Proposed new intersections along one side of an existing street shall, wherever practical, coincide with any existing intersections on the opposite side of such street. Street jogs with centerline offsets of less than 150 feet shall not be permitted. Where streets intersect major streets, their alignment shall be continuous. Intersections of either collectors or arterials shall be at least eight hundred (800) feet apart.

    c. Intersecting street lines must be designed to intersect as nearly as possible at ninety (90) degrees and no street shall intersect any other street at less than seventy-five (75) degrees. Intersection curve radii shall be designed, as a minimum, to accommodate a single unit design vehicle (SU-30).

    d. Intersections shall be designed with flat grades wherever practical. In hilly or rolling areas, at the approach to an intersection, a leveling area shall be provided having not greater than a two per cent (2%) slope for a distance of sixty (60) feet, measured from the nearest right-of-way line of the intersecting street.

    e. Final intersection designs shall be approved by the Highway Superintendent and the Town Engineer.

14. Sidewalks
    a. The Town Board may require such sidewalks as it deems necessary to provide for the safety of pedestrians. Sidewalks used for pedestrian access to schools, parks, shopping areas, and transit stops and placed along all streets in commercial areas should be provided along both sides of the street. In residential areas, sidewalks are desirable on both sides of the street but should be provided on at least one side of all local streets. The sidewalks should be located as far as practical from the traffic lanes and usually close to the right-of-way lines.

    b. Clear sidewalk width shall be four (4) feet minimum; widths of 8 feet or greater may be needed in commercial areas. If roadside appurtenances are situated on the sidewalk adjacent to the curb, additional width is required to secure the clear width. Sidewalk material shall be as prescribed by the Highway Superintendent and the Town Engineer.

    c. Ramps should be provided at crosswalks to accommodate disabled persons. Such ramps shall conform to the "Americans With Disabilities Act" standards.

15. Driveways
    a. All required driveway culverts, end sections, fill, ditching or other facilities shall be installed by the developer. Driveway culverts shall not be less than 15 inches in diameter unless the Highway Superintendent determines a larger or smaller diameter is required, in which event, the Highway Superintendent's requirement shall be met.

    b. A driveway is an access constructed within the public way, connecting the public roadway with adjacent property and intended to be used in such a way that the access into the adjacent property will be complete and will not cause the blocking of any sidewalk border area or street roadway.

    c. Sight distance requirements at intersections also apply at driveways. Driveways shall be avoided where sight distance is not sufficient. Vertical elements that obstruct essential sight distances shall not be permitted. Driveways shall be situated as far away from intersections as practicable, particularly if the local street intersects an arterial street.

16. Roadway Widths for Bridges
    a. The minimum clear width for all new bridges shall be the same as the width of the approaches.

    b. Sidewalks on the approaches shall be carried across all new structures.

    c. There shall be at least one sidewalk on all street bridges

17. Utilities

a. All utilities, i.e., sanitary sewers, storm sewers, water lines, electrical service, gas lines etc., shall be placed beneath the shoulder area of the street and whenever practical, outside the roadway area. All utilities, including all utility laterals in the roadway area to each lot in the subdivision, shall be constructed prior to the placement of the subbase course. No cuts shall be made in the subbase course thereafter without permission from the Highway Superintendent, and whenever such permission is given, the developer shall restore the subbase course to its original kind, character and condition, to maintain a uniform road section. This work shall be approved by the Highway Superintendent and the Town Engineer. Where it is necessary to provide utility service on the opposite side of a street after the pavement has been placed, said service to the opposite side of the street shall be provided by boring under the street. The developer shall not cause any street to be excavated for the provision of said service unless subsurface conditions, as documented by a licensed soils engineer, indicate to the contrary.

b. Street cuts or cross cuts shall not be permitted without the permission of the Highway Superintendent. Where such permission is given and the developer excavates into the pavement, subgrade, subbase, or shoulder courses, such courses must be replaced in kind, character and condition, to maintain a uniform road section. Backfilling, compaction and replacement of each of these courses shall comply with the specification of the material of the various courses and must be approved by the Highway Superintendent. Any street cuts and compaction made by or on behalf of any utility or any other entity which do not comply with these specifications must be corrected by the applicant and the paving contractor, and be approved by the Highway Superintendent and the Town Engineer.

c. All sanitary sewers, storm sewers, and water lines shall be designed and constructed by the developer. Said construction shall be supervised by the Highway Superintendent and the Town Engineer. The developer will install sanitary sewers, storm sewers, and water lines unless said requirement for installation is waived in accordance with the Town of Deerfield Zoning and Subdivision Regulations.

d. All sanitary sewer mains and laterals shall be completely installed within the limits of the street boundary lines and/or limits of any easement (if necessary). The complete public sewage system shall be installed by the owner/developer at his own expense and in accordance with the official approved final drawings.

e. Sanitary sewer(s) may be installed only after approval has been granted by the appropriate authorities having jurisdiction. Upon complete installation of the sanitary sewer facilities, the owner / developer at his own expense shall furnish to the Town, a certificate of compliance signed by his professional engineer.

f. All water mains and services shall be completely installed within the limits of the street boundary lines and/or limits of any easement (if necessary).

g. All other utilities not covered above, such as electric, gas (if available), telephone and T.V. cable shall be completely installed within the limits of the street boundary lines and/or limits of any easement (if necessary).

18. Storm Water Management

a. All ditches, gutters, swales, storm water sewers and drainage facilities such as drop inlets, catch basins, manholes, culverts, bridges, dams, retention ponds, detention ponds, erosion and siltation protective measures and other appurtenances needed thereof shall be completely constructed and installed, the land shall be graded properly and in conformance with the grading plan submitted as the final drawings which are officially approved by the Town Planning Board, the Oneida County Health Department and filed in the Oneida County Clerk's Office. The location of any of the aforesaid structures shall be within the discretion of and at the direction of the Highway Superintendent and the Town Engineer.

b. The design of storm water drainage systems and storm water management facilities shall be according to the "Rational Method", the "Soil Conservation Service Technical Release No. 55 - Urban Hydrology for Small Watersheds" (most recent edition), or other recognized methods approved by the Town Engineer. All proposed provisions for drainage shall be submitted to the Highway Superintendent and the Town Engineer for review and approval.

c. Drainage facilities crossing streets shall be designed for a fifty (50) year storm (culverts crossing streets shall not have less than 3.14 square feet of cross sectional area, which is equal to a pipe diameter of 24 inches). Roadside underground storm water drainage systems shall be designed for a ten (10) year storm.

d. Adequate storage facilities shall be provided for the site to store the additional runoff volume due to development of the project site for a twenty-five (25) year storm frequency.

e. Provisions, such as overflow studies, shall be made for protection against property damage and loss of life for more severe storms (100-year storm frequency), and for the conveyance of off-site drainage from upland watershed areas.

f. All storm drainage systems shall be designed to allow for positive drainage from the project site to existing drainage courses or storm sewer systems. The adequacy of the existing systems to convey this runoff shall be evaluated. If required, the developer shall secure the rights-of-way and construct ditches or install storm water sewers to existing drainage courses or storm sewer systems to provide positive drainage.

g. All storm sewer systems shall be designed, as nearly as practicable, to produce water velocities which will cause a self cleaning action within the sewer structures.

h. Surface flow on streets shall be limited to a maximum of three hundred (300) feet unless otherwise specified by the Highway Superintendent or the Town Engineer. It shall then be transferred from the street cross section to drainage channels or underground drains.

i. All ditch grades of 4% or greater must be lined with #5 stone or man sized rip-rap.

j. All closed storm water drainage systems must only be installed within a Special Storm Water Management District which will provide for full funding of maintenance and improvements.

19. Road Surfacing and Improvements
    a. After sewer and water utilities have been installed by the developer, the applicant shall construct or cause to be constructed, roadways to the widths and thicknesses prescribed in the Typical Street Sections. The entire road design shall be submitted to the Highway Superintendent and the Town Engineer for review and approval.

    b. All road pavement, shoulders, drainage improvements and structures, curbs, turnarounds, and sidewalks shall conform to all construction standards and specifications adopted by the Town of Deerfield and shall be incorporated into the construction plans required to be submitted by the developer for plat approval.

20. Guide Rail
    a. Guide Rail, when necessary, shall conform to the current New York State Department of Transportation standards for Guide Rail.

21. Right-of-Way
    a. Right-of-way widths in excess of the standards designated in these regulations shall be required whenever, due to topography, additional width is necessary to provide adequate earth slopes. Such slopes shall not be in excess of three to one, horizontal to vertical.

    b. The right-of-way lines of a street shall be marked with concrete or stone monuments which shall be set under the supervision of a licensed engineer or surveyor and approved by the Highway Superintendent.

TOWN OF DEERFIELD
ONEIDA COUNTY, NEW YORK
Final Version as Drafted May 8, 1995

SECTION D

Construction and Inspection

1. Inspection by Town Officials

   The installation, improvements and development of any subdivision shall be subject to inspection at all stages by the Highway Superintendent, the Town Engineer and representatives of the Town Board and for such purpose, free access to the site shall be accorded and any requested information shall be promptly submitted.

2. Earthwork

   All Earthwork shall be as prescribed in the provisions set forth in the State of New York Department of Transportation Standard Specifications. Inspection and approval of all phases of this work shall be under the direction of the Highway Superintendent and the Town Engineer.

3. Completing the Subgrade

   After the areas of cut and fill are brought to the design grade and upon complete installation of all the utilities, including all utility laterals in the roadway area, the owner/developer shall notify the Highway Superintendent and the Town Engineer and receive his approval for the placement of the subbase course.

4. Placing the Subbase Course

   This work shall consist of furnishing, placing and compacting a subbase course in conformance with the lines, grades and thicknesses shown on the Typical Street Sections and as prescribed in the provisions set forth in the State of New York Department of Transportation Standard Specifications, or as determined by field conditions and ordered by the Highway Superintendent. Certifications for the material to be used shall be presented to the Highway Superintendent prior to its use.

5. Paving

   Before the base course is placed, the Highway Superintendent must be notified to obtain his approval to proceed. Upon approval to proceed, the base course shall be placed to full width and compacted thickness as prescribed on the Typical Street Sections. The base course, the binder course, when required, and the top course shall be laid as prescribed in the provisions set forth in the State of New York Department of Transportation Standard Specifications above stated and made part of these specifications.

SECTION E

Dedication of Streets

1. Requirements for Dedication
   a. Certification by the Town Highway Superintendent, and if he or she so requests, by a licensed Professional Engineer regarding the construction of said road.

   b. Letter of approval of the Town Engineer, if the Town Board has appointed one.

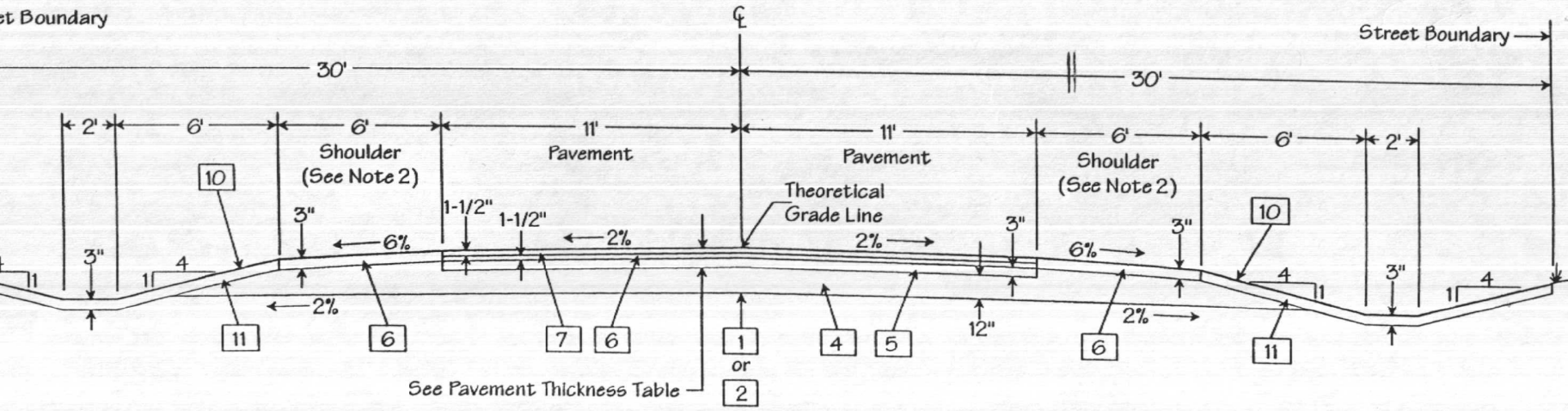
   ___ c. Warranty Deed describing said road and any or all easements.

   d. Abstract of Title.

   e. Letter of approval of the Town Attorney or the Attorney for the Town.

   f. Five copies of final approved plans certified by a licensed Professional Engineer.

   g. Five copies of "As Built" drawings, showing drainage, sanitary sewers, storm sewers, water and other utilities, and certified by a licensed Professional Engineer.



TYPICAL STREET SECTION #1
WITH NORMAL DITCH

NO SCALE

PAVEMENT THICKNESS TABLE			
*ADT	TOP	BINDER	BASE
0 - 500	1"	0	3"
501 - 1000	1"	0	4"
> 1000	1-1/2"	1-1/2"	3"

*ADT = Projected Average Daily Traffic

N.Y.S.D.O.T. ITEM NO.	DESCRIPTION
203.02	Unclassified Excavation and Disposal
203.03	Embankment in Place
304.06	Subbase Course, Optional Type
403.11	Asphalt Concrete - Type 1 Base Course
403.13	Asphalt Concrete - Type 3 Binder Course
403.1701	Asphalt Concrete - Type 6F Top Course
610.0203	Establishing Turf
613.0101	Topsoil

NOTES:

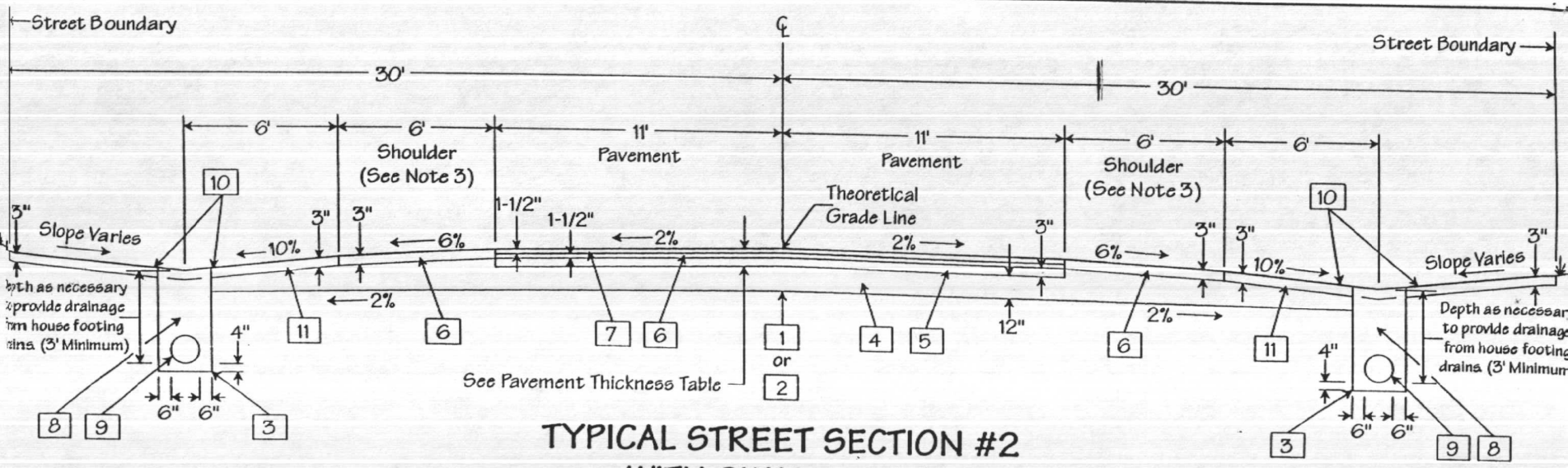
1. When silt or clay is encountered in the subgrade area, N.Y.S.D.O.T. Item 207.02, Geotextile Undercut, shall be installed prior to placement of the subbase course material. Undercut and additional Item 304.06 material may be necessary as determined by the Town of Deerfield.

2. Shoulder width shall be 3 feet for projected Average Daily Traffic (ADT) volumes of 250 or less.

By:
Oriolo, PE License No. 51911

TOWN OF DEERFIELD
ONEIDA COUNTY, NEW YORK
Final Version as Drafted May 8, 1995

Standards For Street Design & Construction
TYPICAL STREET SECTION #1
WITH NORMAL DITCH
Page 11



TYPICAL STREET SECTION #2
WITH SWALE DITCH

NO SCALE

PAVEMENT THICKNESS TABLE			
*ADT	TOP	BINDER	BASE
0 - 500	1"	0	3"
501 - 1000	1"	0	4"
> 1000	1-1/2"	1-1/2"	3"

*ADT = Projected Average Daily Traffic

KEY ☐	N.Y.S.D.O.T. ITEM NO.	DESCRIPTION
1	203.02	Unclassified Excavation and Disposal
2	203.03	Embankment In Place
3	206.02	Trench and Culvert Excavation
4	304.06	Subbase Course, Optional Type
5	403.11	Asphalt Concrete - Type 1 Base Course
6	403.13	Asphalt Concrete - Type 3 Binder Course
7	403.1701	Asphalt Concrete - Type 6F Top Course
8	605.1001	Underdrain Filter, Type II
9	605.1705	Optional Underdrain, 12 Inch Diameter
10	610.0203	Establishing Turf
11	613.0101	Topsoil

NOTES:

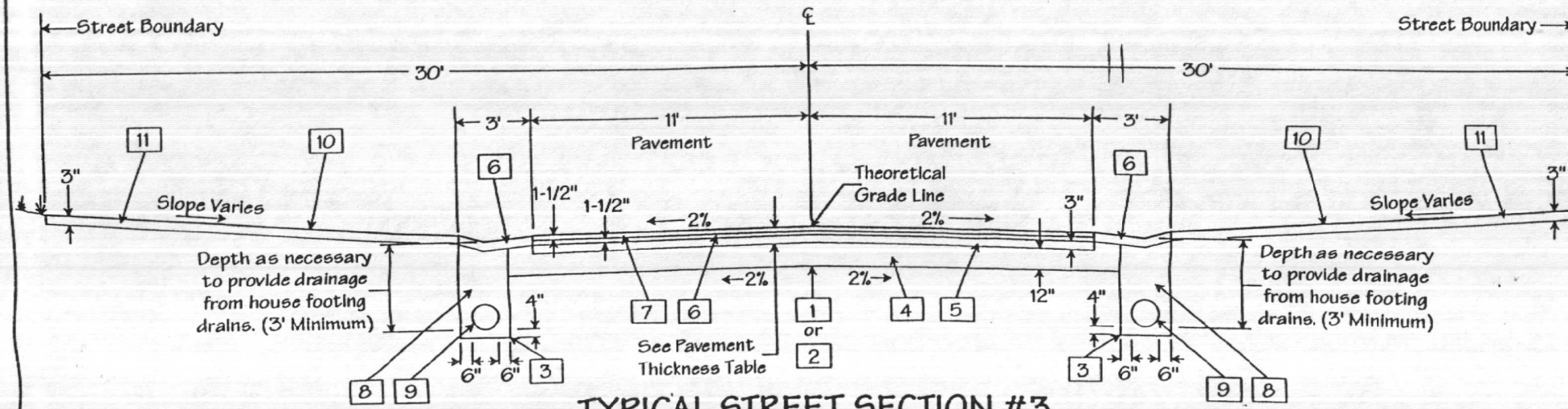
1. The 12 inch underdrain is a minimum size. Hydraulic Design procedures should be utilized to determine the necessity for larger sizes to accommodate stormwater control. Larger underdrain pipe sizes shall conform to approved materials as certified by the manufacturer.
2. When silt or clay is encountered in the subgrade area, N.Y.S.D.O.T. Item 207.02, Geotextile Undercut, shall be installed prior to placement of the subbase course material. Undercut and additional Item 304.06 material may be necessary as determined by the Town of Deerfield.
3. Shoulder width shall be 3 feet for projected Average Daily Traffic (ADT) volumes of 250 or less.

epared By:

Joseph F. Oriolo

seph F. Oriolo, PE License No. 51911

TOWN OF DEERFIELD
ONEIDA COUNTY, NEW YORK
Final Version as Drafted May 8, 1995



TYPICAL STREET SECTION #3 WITH GUTTER

NO SCALE

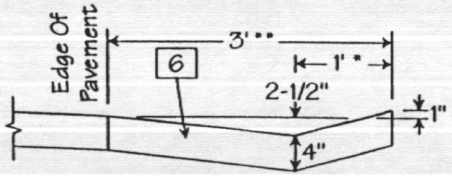
NOTES:

1. The 12 inch underdrain is a minimum size. Hydraulic Design procedures should be utilized to determine the necessity for larger sizes to accommodate stormwater control. Larger underdrain pipe sizes shall conform to approved materials as certified by the manufacturer.
2. When silt or clay is encountered in the subgrade area, N.Y.S.D.O.T. Item 207.02, Geotextile Undercut, shall be installed prior to placement of the subbase course material. Undercut and additional Item 304.06 material may be necessary as determined by the Town of Deerfield.

PAVEMENT THICKNESS TABLE			
*ADT	TOP	BINDER	BASE
0 - 500	1"	0	3"
501 - 1000	1"	0	4"
> 1000	1-1/2"	1-1/2"	3"

*ADT = Projected Average Daily Traffic

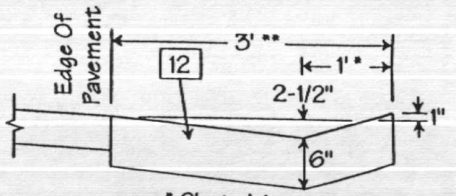
KEY ☐	N.Y.S.D.O.T. ITEM NO.	DESCRIPTION
1	203.02	Unclassified Excavation and Disposal
2	203.03	Embankment in Place
3	206.02	Trench and Culvert Excavation
4	304.06	Subbase Course, Optional Type
5	403.11	Asphalt Concrete - Type 1 Base Course
6	403.13	Asphalt Concrete - Type 3 Binder Course
7	403.1701	Asphalt Concrete - Type 6F Top Course
8	605.1001	Underdrain Filter, Type II
9	605.1705	Optional Underdrain, 12 Inch Diameter
10	610.0203	Establishing Turf
11	613.0101	Topsoil
12	624.0111	Conventionally Formed or Machine Formed Concrete Gutter, Type C



* 2' at driveways
** 4' at driveways

ASPHALT CONCRETE GUTTER DETAIL

NO SCALE



* 2' at driveways
** 4' at driveways

CONCRETE GUTTER DETAIL (OPTIONAL)

NO SCALE

Prepared By:

Joseph F. Oriolo

Joseph F. Oriolo, PE License No. 51911

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TOWN OF DEERFIELD
ONEIDA COUNTY, NEW YORK
Final Version as Drafted May 8, 1995

Standards For Street Design & Construct
TYPICAL STREET SECTION #3
WITH GUTTER (NO SHOULDER)
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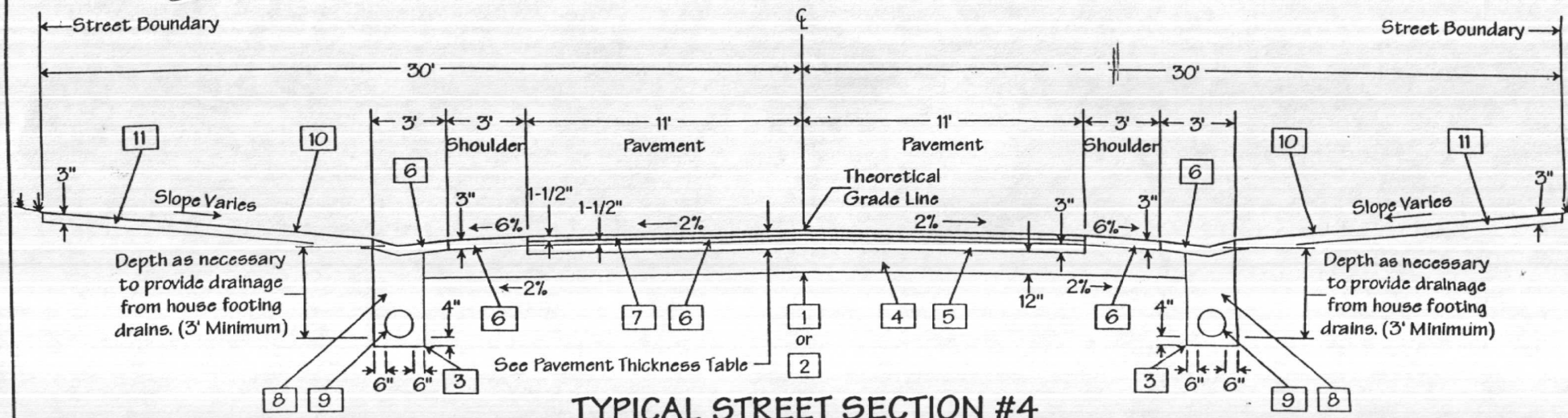


TYPICAL STREET SECTION #4 WITH SHOULDER & GUTTER

NO SCALE

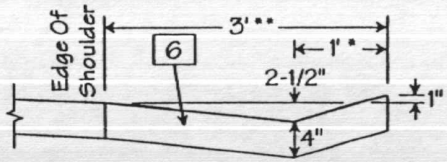
NOTES:

1. The 12 inch underdrain is a minimum size. Hydraulic Design procedures should be utilized to determine the necessity for larger sizes to accommodate stormwater control. Larger underdrain pipe sizes shall conform to approved materials as certified by the manufacturer.
2. When silt or clay is encountered in the subgrade area, N.Y.S.D.O.T. Item 207.02, Geotextile Undercut, shall be installed prior to placement of the subbase course material. Undercut and additional Item 304.06 material may be necessary as determined by the Town of Deerfield.

KEY ☐	N.Y.S.D.O.T. ITEM NO.	DESCRIPTION
1	203.02	Unclassified Excavation and Disposal
2	203.03	Embankment in Place
3	206.02	Trench and Culvert Excavation
4	304.06	Subbase Course, Optional Type
5	403.11	Asphalt Concrete - Type 1 Base Course
6	403.13	Asphalt Concrete - Type 3 Binder Course
7	403.1701	Asphalt Concrete - Type 6F Top Course
8	605.1001	Underdrain Filter, Type II
9	605.1705	Optional Underdrain, 12 Inch Diameter
10	610.0203	Establishing Turf
11	613.0101	Topsoil
12	624.0111	Conventionally Formed or Machine Formed Concrete Gutter, Type C

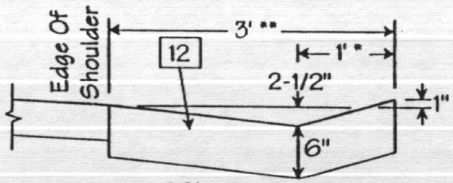
PAVEMENT THICKNESS TABLE			
*ADT	TOP	BINDER	BASE
0 - 500	1"	0	3"
501 - 1000	1"	0	4"
> 1000	1-1/2"	1-1/2"	3"

*ADT = Projected Average Daily Traffic



* 2' at driveways
** 4' at driveways

ASPHALT CONCRETE GUTTER DETAIL
NO SCALE



* 2' at driveways
** 4' at driveways

CONCRETE GUTTER DETAIL (OPTIONAL)
NO SCALE

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