Appendix A

[7-14-2008 by Ord. No. 391
and on 9-29-2008 by Ord. No. 394]
1. 4" SUPERPAVE WEARING COURSE TO BE APPLIED IN 24 MONTHS OR AT 90% COMPLETION OF BUILDING ACTIVITY, WHICHEVER OCCURS FIRST.

2. ALL MATERIALS AND MILEAGE OF CONSTRUCTION SHALL CONFORM TO PHIPDOOT FORM 606 SPECIFICATIONS, LATEST EDITION.

3. TACK COAT MAY BE REQUIRED BETWEEN BINDER AND WEARING COURSE IF WEARING OR SEAL COURSE IS NOT PLACED IMMEDIATELY AFTER THE BINDER COURSE.

4. IN CONSERVATION SUBDIVISIONS, THE CAYWAY WIDTH, GUTTER TO GUTTER, MAY BE REDUCED FROM 22" TO 18".

5. IN CONSERVATION SUBDIVISIONS USING THE COUNTRY PROPERTY OPTIONS, WHERE CURB MAY BE ELIMINATED IN FAVOR OF VESSELED SWALES FOR STREETS HAVING LONGITUDINAL SLOPE UPTO 4%.

6. THE VESSELED SWALE SHALL BE INCORPORATED TOGETHER WITH THE TRANCYCATE, IN THE FIRST 3 FT FROM THE EDGE OF THE CAYWAY.


REVISED: 10/4/07

CONSTRUCTION DETAIL STANDARD
No. 2
MARSHALL TOWNSHIP
COUNTY OF ALLEGHENY PENNSYLVANIA
TYPICAL SECTION
FOR
BITUMINOUS ROAD W/ AGGREGATE BASE
RESIDENTIAL STREETS

SCALE: 1" = 1'-0"
DATE: 07/31/98
GROUP: ENGINEERING INC.
NOTES:
1. PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO ASTM C-476, LATEST REVISION.
2. IF THIS DIMENSION IS LESS THAN 2'-3", USE A PRECAST CONCRETE SLAB TOP AS SHOWN BELOW.
3. JOINTS SHALL BE EQUIPPED WITH DOUBLE FLEXIBLE BUTYL RUBBER JOINT SEALANT APPROVED BY THE ENGINEER. (BOTH INNER AND OUTER JOINTS)
4. LIFTING HOLES SHALL BE POINTED WITH MORTAR, MADE WATERTIGHT AND LEFT NEAT AND SMOOTH.
5. BASE SLAB Poured MONOLITHICALLY WITH WALLS.
6. LADDER BARS TO BE ON 12" CENTERS (M.A. INDUSTRIES, INC.), MODEL PS1-PF OR EQUAL.
7. EXISTING MANHOLES ACCOMMODATING NEW SEWERLINES SHALL BE MACHINE CUT (HAMMERS SHALL NOT BE UTILIZED)

MARSHALL TOWNSHIP
CONSTRUCTION DETAIL
STANDARD No. 3
PRECAST CONCRETE MANHOLE FOR SEWERS 8" TO 18" PRECAST BASE SECTION

SCALE: NONE | DATE: 07/31/95
GROUP ENGINEERING INC.
1. Precast concrete manhole sections shall conform to ASTM C-476, latest revision.
2. Joints shall be equipped with double flexible butyric rubber joint sealant approved by the engineer. (Both inner and outer joints)
3. Existing manholes accommodating new sewerlines shall be machine cut. (Hammers shall not be utilized)

Marshall Township
Construction Detail
Standard No. 5
Cast-in-Place Base
Precast Concrete Manhole
For Sewers 20" to 33"

Scale: None
Date: 07/31/85
Engine Engineering Staff
LETTERING AS SPECIFIED,  
"MARSHALL STORM"

ALL MANHOLES MACHINED

WHEN VENTILATED COVERS ARE DESIRED
12 - 1" HOLES CORED AS SHOWN IN DOTTED LINES

2B 3/4"

1 3/8"

27"

28 1/2"

37 1/2"

WATER TIGHT MANHOLE, FRAME
AND COVER WHERE REQUIRED.
BY ENGINEER, SHALL BE
ALLEGMENY FOUNDRY CO.
OR APPROVED EQUAL
FRAME 109W
COVER 110
SEAL E 200

MARSHALL TOWNSHIP

CONSTRUCTION DETAIL
STANDARD No. 7
MANHOLE COVER AND FRAME

SCALE: NONE  DATE: 07/31/95
ENGR. ENGINEERING INC.
CONCRETE TOP UNITS SHALL BE USED UNLESS PRIOR APPROVAL IS OBTAINED.

INLET ASSEMBLIES

CONCRETE TOP UNITS

NOTES:
1. CONSTRUCT IN ACCORDANCE WITH THE REQUIREMENTS OF PUBLICATION 408, SECTION 605, LATEST EDITION, FOR INLET ASSEMBLIES.
2. GRADE ADJUSTMENT RINGS SHALL BE MASONRY OR PRECAST CONCRETE CONSTRUCTION.
3. PROVIDE 1 1/4" X 1 1/4" ANGLES EMBEDDED IN THE CONCRETE AS A BEARING AREA FOR THE GRATE FOR TOP UNITS.

MARSHALL TOWNSHIP
CONSTRUCTION DETAIL
STANDARD No. 9
INLETS (TYPE M)
ASSEMBLIES AND CONCRETE TOP UNITS

SCALE: NONE | DATE: 07/31/95

ENGINEERING INC.
MINIMUM SIDEWALK WIDTH 5' D

4" CLAS A CONCRETE 5000 PSI 5% AIR ENTRAINMENT WELDED WIRE MESH

MINIMUM PITCH TO CURB 3/8"; 1'

4" COARSE AGGREGATE AASHTO #8, TYPE C

COMPACTED SUB-BASE

MARSHALL TOWNSHIP
CONSTRUCTION DETAIL
STANDARD NO. 13
SIDEWALK
SECTION

SCALE: NONE    DATE: 11/29/95

GROUP ENGINEERING INC.