PAVEMENT COMPOSITION CHART (2014)

<table>
<thead>
<tr>
<th>Aggregate Base</th>
<th>Concrete Base</th>
<th>Concrete</th>
</tr>
</thead>
<tbody>
<tr>
<td>304 301 448 448</td>
<td>304 305 448 448</td>
<td>304 452</td>
</tr>
</tbody>
</table>

Local, Collector of Other Street:

4" 4" 1.50" 1.50"
4" 6" 1.50" 1.50" 4" 6"

Minor Arterial Street:

6" 6" 1.50" 1.50"
6" 7" 1.50" 1.50" 6" 8"

* Major Arterial Street or Industrial Street:

6" 6" 1.50" 1.50"
6" 8" 1.50" 1.50" 6" 9"

* MULTI-USE PATH

6" 2 1/2"

*All items shall meet current ODOT specifications:

301 - Bitum. Aggregate Base 448 - Asphalt Concrete
304 - Aggregate Base 407 - Tack Coat (over 305) - Trackless
305 - Concrete Base 408 - Prime Coat
448 - Asphalt Concrete 452 - Plain Concrete

* Soil testing may be required to determine if the above chart will be adequate for design and construction. Proof rolling shall be required to determine if undercutting and placement of geotextile and/or stone will be required as determined by the Franklin County Engineer. Other pavement composition specifications may be required or approved by the county engineers.

Revised 3-14
CUT SECTION

1. CUT SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1
   FILL SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1

2. EMBANKMENT EXCEEDING 5' SHALL HAVE GUARDRAIL (TYPE 5)

3. SWALE IN CUT SECTION IS TO BE MAINTAINED AT ALL TIMES. INLETS OR CATCH BASINS
   SHALL BE PLACED ON THE UPSTREAM SIDE OF DRIVEWAY.

4. SEE "MINIMUM PAVEMENT COMPOSITION CHART" FOR DESIGN THICKNESS.

5. ITEM 605, 4" PIPE UNDERDRAIN

REVISED

2-75 3-14
3-89 1-99 2-00

OFFICE OF THE
FRANKLIN COUNTY ENGINEER

SUBDIVISION STANDARD
DRAWING

DWG. NO.
1000

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SIDEWALK AS REQUIRED
BY FRANKLIN COUNTY
PLANNING COMMISSION

REVISED

2-75 3-14
3-89 1-99 2-00

OFFICE OF THE
FRANKLIN COUNTY ENGINEER

SUBDIVISION STANDARD
DRAWING

DWG. NO.
1050
1. Combined curb and gutter DWG. NO. 1250
2. See "Minimum Pavement Composition Chart" for design thickness.
3. Cut section 5' and under = 4:1  Over 5' = 3:1
   Fill section 5' and under = 4:1  Over 5' = 3:1
4. See "Minimum Pavement Composition Chart" for design thickness.

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**36' Pavement Section**
Collector and minor arterial street with curb and gutter

**48' Pavement Section**
Major arterial street with curb and gutter
20' SERVICE ROAD

EDGE OF PAVEMENT GRADE SHOWN ON PLANS

EDGE OF PAVEMENT TO BE FINISHED WITH AN EDGING TOOL OF 1/2" RADIUS

1. ITEM 452, 6" PLAIN CONCRETE PAVEMENT
2. ITEM 605, 4" PIPE UNDERDRAIN

REVISED
2-75
3-89
3-99
2-00

OFFICE OF THE FRANKLIN COUNTY ENGINEER
SUBDIVISION STANDARD DRAWING

DWG. NO.
1150

24' PAVEMENT SECTION
INDUSTRIAL STREET WITH OPEN DITCH

1. CUT SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1
   FILL SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1
2. SEE "MINIMUM PAVEMENT COMPOSITION CHART" FOR DESIGN THICKNESS.
3. EMBANKMENT EXCEEDING 5' SHALL HAVE GUARDRAIL (TYPE 5)
4. ITEM 605, 4" PIPE UNDERDRAIN

REVISED
2-75
3-89
3-99
2-00

OFFICE OF THE FRANKLIN COUNTY ENGINEER
SUBDIVISION STANDARD DRAWING

DWG. NO.
1002
NOTE:
1. ALL CURB DATA TO BACK OF CURB.
2. ADDITIONAL R/W SHALL BE PROVIDED FOR 'T' TURN-A-ROUND.

REVISED
2-75
3-89

STANDARD DETAIL
PERMANENT 'T'
TURN-A-ROUND

OFFICE OF THE
FRANKLIN COUNTY ENGINEER

SUBDIVISION STANDARD
DRAWING

DWG. NO. 1100

0.18" ABOVE
STANDARD CURB

10'-0"

0.021

1'-3"

PROFILE
GRADE

6" ITEM 452, PLAIN
CONCRETE PAVEMENT

1/2" EXPANSION JOINT
WITH RIGID PAVEMENT

SECTION A-A

NOTE:
1. COMBINED CURB AND GUTTER SHALL BE
OMITTED WHILE THE 4" UNDERDRAIN AND
GUTTER SHALL BE MAINTAINED.
2. SAWED CONTRACTION JOINTS SHALL BE
SPACE 18" APART AS DIRECTED BY THE
ENGINEER.

REVISED
2-75
3-89
3-14

STANDARD DETAIL
25' PAVEMENT SECTION
INDUSTRIAL STREET
WITH OPEN DITCH

OFFICE OF THE
FRANKLIN COUNTY ENGINEER

SUBDIVISION STANDARD
DRAWING

DWG. NO. 1106
* THE PAVEMENT SHALL BE FLUSH AT THE GUTTER IN FRONT OF CURB RAMPS. CURB RAMPS SHALL BE BUILT AS PER CITY OF COLUMBUS STD. DWG. 2319.

1.28 C.F. CONCRETE PER L.F.

ALL EXPOSED SURFACES OF CONCRETE CURB AND GUTTER SHALL HAVE A BRUSHED FINISH.


SUBGRADE COMPACTION SHALL BE COMPLETED BEFORE UNDERDRAIN INSTALLATION.


FOR REPLACEMENT WORK, THE CURB SHALL BE REMOVED AT AN EXISTING JOINT OR NO CLOSER THAN 5 FEET FROM AN EXISTING JOINT.

3/4" EXPANSION MATERIAL WILL BE INSTALLED BEHIND THE CURB WHEN A CONCRETE WALK, DRIVE, OR OTHER ITEM IS ADJOINING IT.

NOTE: COMBINATION CURB AND GUTTER, ITEM 609

REVISED
2-75
3-89
2-00
3-14

STANDARD DETAIL
CONCRETE COMBINED CURB AND GUTTER

OFFICE OF THE
FRANKLIN COUNTY ENGINEER
SUBDIVISION STANDARD DRAWING

DWG. NO.
1250

* THE PAVEMENT SHALL BE FLUSH AT THE GUTTER IN FRONT OF CURB RAMPS. CURB RAMPS SHALL BE BUILT AS PER CITY OF COLUMBUS STD. DWG. 2319.

1.28 C.F. CONCRETE PER L.F.

ALL EXPOSED SURFACES OF CONCRETE CURB AND GUTTER SHALL HAVE A BRUSHED FINISH.


SUBGRADE COMPACTION SHALL BE COMPLETED BEFORE UNDERDRAIN INSTALLATION.


FOR REPLACEMENT WORK, THE CURB SHALL BE REMOVED AT AN EXISTING JOINT OR NO CLOSER THAN 5 FEET FROM AN EXISTING JOINT.

3/4" EXPANSION MATERIAL WILL BE INSTALLED BEHIND THE CURB WHEN A CONCRETE WALK, DRIVE, OR OTHER ITEM IS ADJOINING IT.

NOTE: COMBINATION CURB AND GUTTER, ITEM 609

REVISED
2-75
3-89
2-00
3-14

STANDARD DETAIL
MOUNTABLE CURB

OFFICE OF THE
FRANKLIN COUNTY ENGINEER
SUBDIVISION STANDARD DRAWING

DWG. NO.
1255
0.74 C.F. CONCRETE PER LF.

ALL EXPOSED SURFACES OF CONCRETE CURB SHALL HAVE A BRUSHED FINISH.


SUBGRADE COMPACTION SHALL BE COMPLETED BEFORE UNDERDRAIN INSTALLATION.


FOR REPLACEMENT WORK, THE CURB SHALL BE REMOVED AT AN EXISTING JOINT OR NO CLOSER THAN 5 FEET FROM AN EXISTING JOINT.

3/4" EXPANSION MATERIAL WILL BE INSTALLED BEHIND THE CURB WHEN A CONCRETE WALK, DRIVE, OR OTHER CONCRETE ITEM IS ADJOINING IT.

ALTERNATE 4" PIPE UNDERDRAIN LOCATION TO BE PLACED AS PER TYPICAL SECTION AND/OR AS DIRECTED BY THE ENGINEER.