

PAVEMENT COMPOSITION CHART (2014)

Aggregate Base			
304	301	448	448

Concrete Base			
304	305	448	448

Concrete	
304	452

Local, Collector or Other Street:

4"	4"	1.50"	1.50"
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4"	6"	1.50"	1.50"
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4"	6"
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Minor Arterial Street:

6"	6"	1.50"	1.50"
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6"	7"	1.50"	1.50"
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6"	8"
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*** Major Arterial Street or Industrial Street:**

6"	6"	1.50"	1.50"
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6"	8"	1.50"	1.50"
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6"	9"
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*** MULTI-USE PATH**

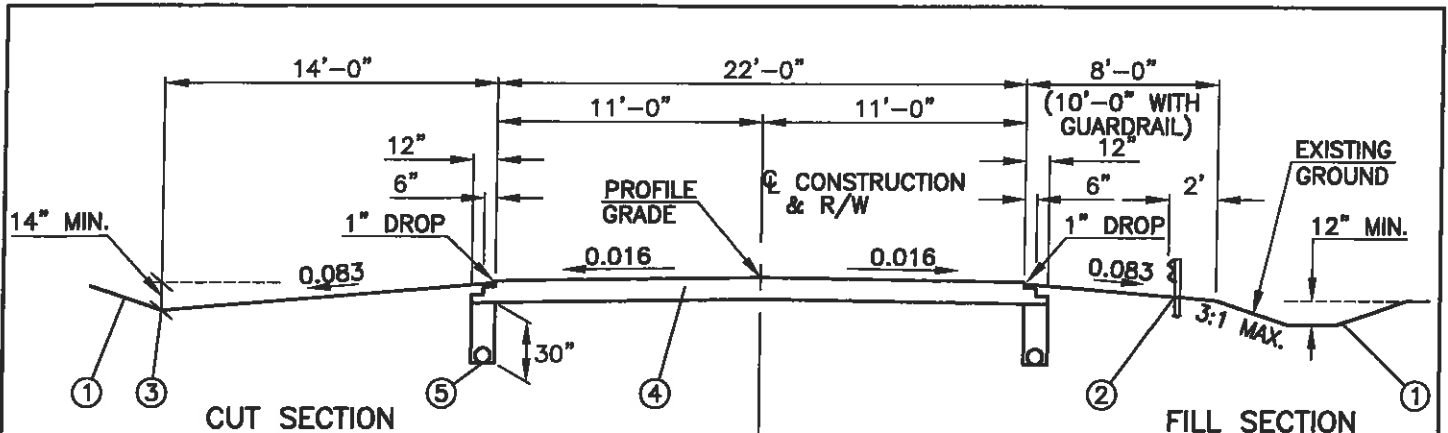
6"	2 1/2"
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*All items shall meet current ODOT specifications:

301 - Bitum. Aggregate Base
 304 - Aggregate Base
 305 - Concrete Base
 448 - Asphalt Concrete

448 - Asphalt Concrete
 407 - Tack Coat (over 305) - Trackless
 408 - Prime Coat
 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.

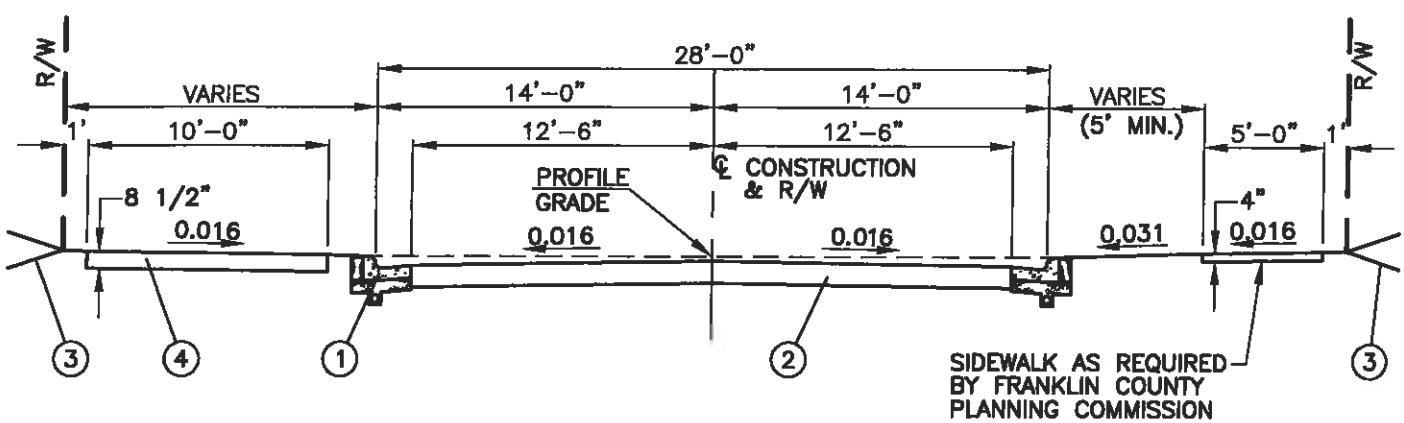


CUT SECTION

FILL 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

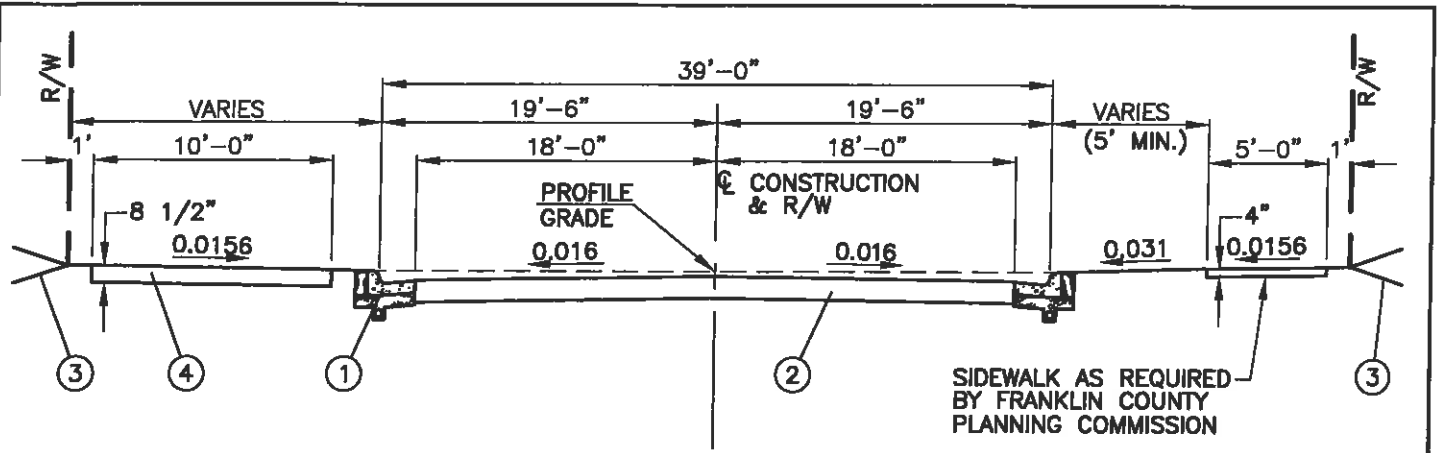
REVISD	STANDARD DETAIL 22' PAVEMENT SECTION LOCAL STREET OPEN DITCH	OFFICE OF THE FRANKLIN COUNTY ENGINEER SUBDIVISION STANDARD DRAWING	DWG. NO. 1000
2-75 3-89 1-99 2-00	3-14		



SIDEWALK AS REQUIRED BY FRANKLIN COUNTY PLANNING COMMISSION

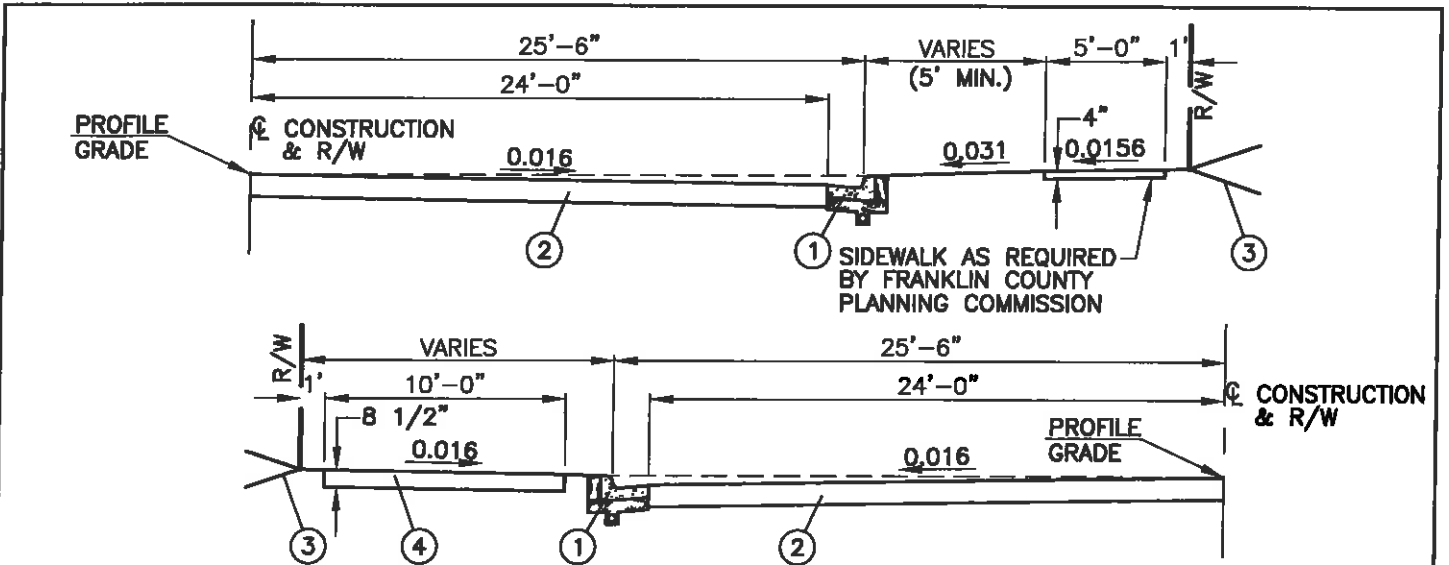
- ① COMBINED CURB AND GUTTER DWG NO 1250 OR MOUNTABLE CURB DWG NO 1255.
- ② SEE "MINIMUM PAVEMENT COMPOSITION CHART" FOR DESIGN THICKNESS.
- ③ CUT SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1
 FILL SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1
- ④ MULTIUSE PATH "AS REQUIRED BY FCPC"

REVISD	STANDARD DETAIL 25' PAVEMENT SECTION LOCAL STREET WITH CURB AND GUTTER	OFFICE OF THE FRANKLIN COUNTY ENGINEER SUBDIVISION STANDARD DRAWING	DWG. NO. 1050
2-75 3-89 1-99 2-00	3-14		



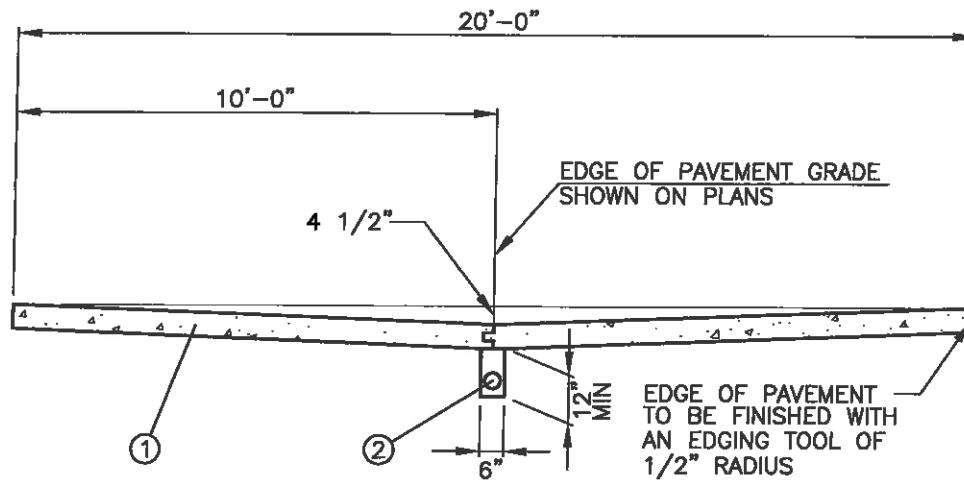
- ① COMBINED CURB AND GUTTER DWG. NO. 1250
- ② SEE "MINIMUM PAVEMENT COMPOSITION CHART" FOR DESIGN THICKNESS.
- ③ CUT SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1
 FILL SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1
- ④ SEE "MINIMUM PAVEMENT COMPOSITION CHART" FOR DESIGN THICKNESS.

REVISED	STANDARD DETAIL	OFFICE OF THE FRANKLIN COUNTY ENGINEER	DWG. NO.
2-75 3-89 1-99 2-00	3-14 36' PAVEMENT SECTION COLLECTOR AND MINOR ARTERIAL STREET WITH CURB AND GUTTER	SUBDIVISION STANDARD DRAWING	1052



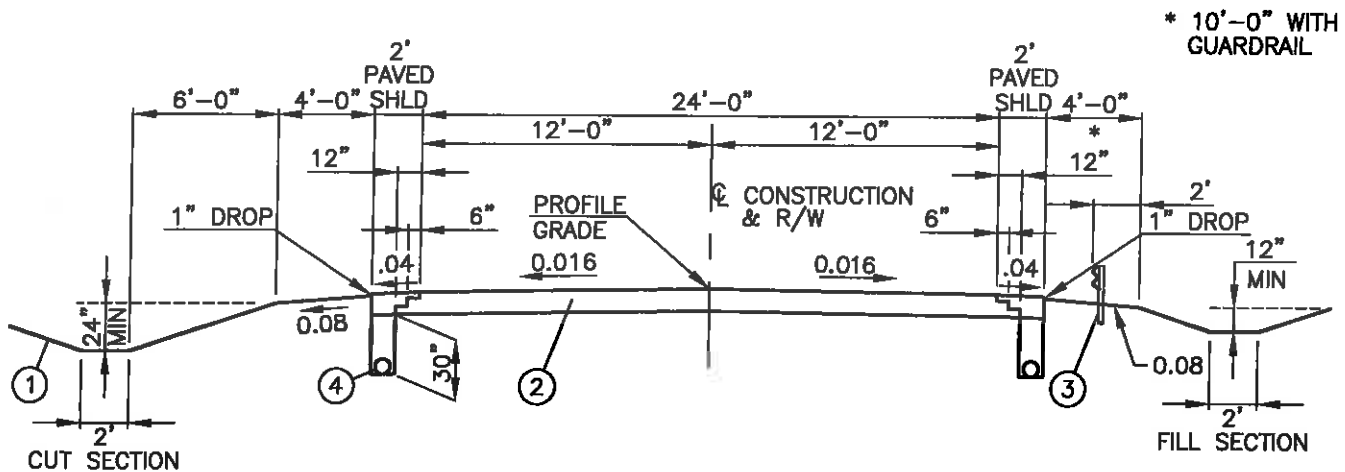
- ① COMBINED CURB AND GUTTER DWG. NO. 1250
- ② SEE "MINIMUM PAVEMENT COMPOSITION CHART" FOR DESIGN THICKNESS.
- ③ CUT SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1
 FILL SECTION 5' AND UNDER - 4:1 OVER 5' - 3:1
- ④ SEE "MINIMUM PAVEMENT COMPOSITION CHART" FOR DESIGN THICKNESS.

REVISED	STANDARD DETAIL	OFFICE OF THE FRANKLIN COUNTY ENGINEER	DWG. NO.
2-75 3-89 1-99 2-00	3-14 48' PAVEMENT SECTION MAJOR ARTERIAL STREET WITH CURB AND GUTTER	SUBDIVISION STANDARD DRAWING	1054



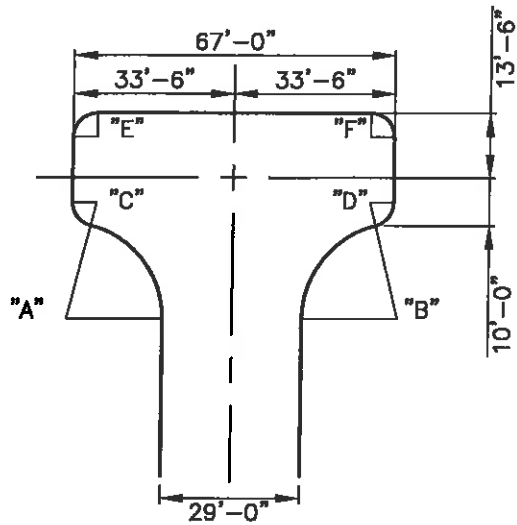
- ① ITEM 452, 6" PLAIN CONCRETE PAVEMENT
- ② ITEM 605, 4" PIPE UNDERDRAIN

REVISED 2-75 3-89 2-00	STANDARD DETAIL 20' SERVICE ROAD	OFFICE OF THE FRANKLIN COUNTY ENGINEER SUBDIVISION STANDARD DRAWING	DWG. NO. 1150
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- 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 3-14 3-89 1-99 2-00	STANDARD DETAIL 24' PAVEMENT SECTION INDUSTRIAL STREET WITH OPEN DITCH	OFFICE OF THE FRANKLIN COUNTY ENGINEER SUBDIVISION STANDARD DRAWING	DWG. NO. 1002
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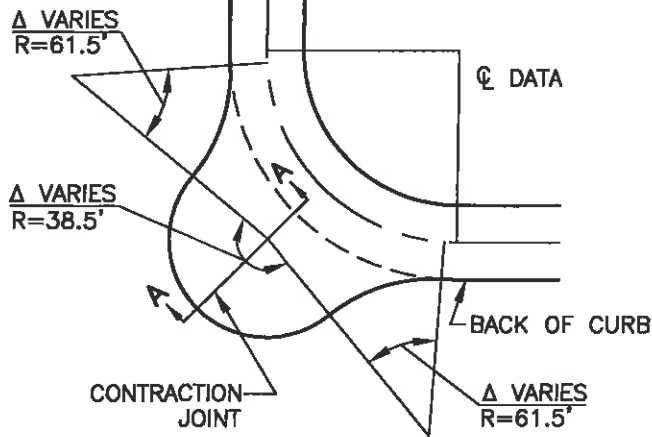
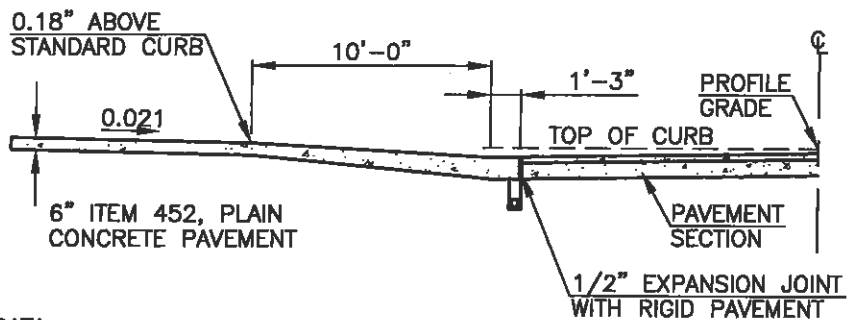
"A" & "B"
CURB DATA
 $\Delta = 76^{\circ}06'48''$
 $R = 20.00'$
 $T = 15.66'$
 $L = 26.57'$

"C" & "D"
CURB DATA
 $\Delta = 76^{\circ}06'48''$
 $R = 5.00'$
 $T = 3.91'$
 $L = 6.64'$

"E" & "F"
CURB DATA
 $\Delta = 90^{\circ}00'00''$
 $R = 5.00'$
 $T = 5.00'$
 $L = 7.85'$

NOTE:
1. ALL CURB DATA TO BACK OF CURB.
2. ADDITIONAL R/W SHALL BE PROVIDED FOR "T" TURN-A-ROUND.

REVISED	STANDARD DETAIL PERMANENT "T" TURN-A-ROUND	OFFICE OF THE FRANKLIN COUNTY ENGINEER SUBDIVISION STANDARD DRAWING	DWG. NO. 1100
2-75 3-89			



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	STANDARD DETAIL 25' PAVEMENT SECTION INDUSTRIAL STREET WITH OPEN DITCH	OFFICE OF THE FRANKLIN COUNTY ENGINEER SUBDIVISION STANDARD DRAWING	DWG. NO. 1106
2-75 3-89 3-14			

0.74 C.F. CONCRETE PER L.F.

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

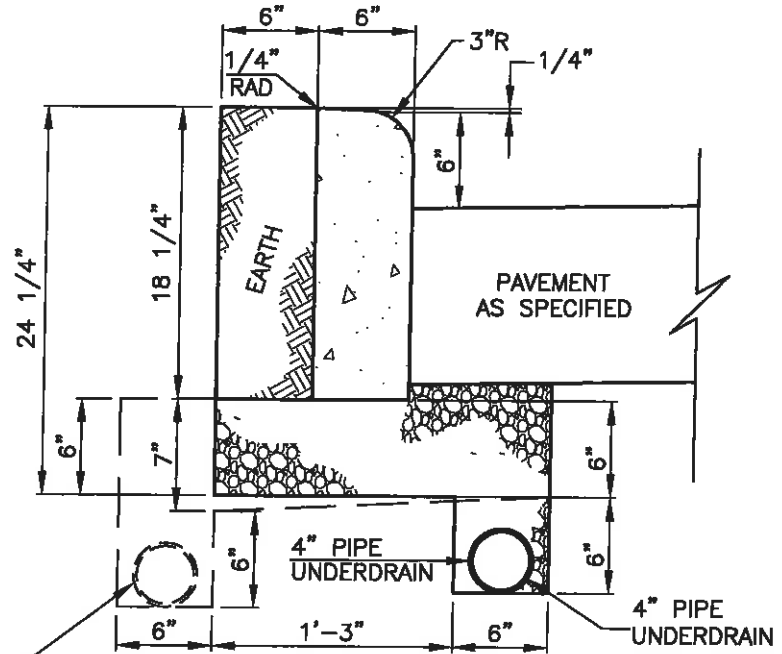
IF THE BOTTOM OF THE SUBGRADE IS MORE THAN 7" BELOW THE BOTTOM OF THE CURB, THE UNDERDRAIN SHALL BE ADJUSTED TO KEEP THE TOP OF THE UNDERDRAIN AT LEAST 2" BELOW THE SUBBASE.

SUBGRADE COMPACTION SHALL BE COMPLETED BEFORE UNDERDRAIN INSTALLATION.

NOTE: WHEN A CURB AND GUTTER INLET IS INSTALLED, THE TOP OF THE BONNET SHALL BE THE SAME AS THE TOP OF CURB ELEVATION. THE EDGE OF PAVEMENT ELEVATION SHALL BE $\frac{3}{8}$ " HIGHER THAN THE GRATE WHEREVER THEY MEET/TOUCH.

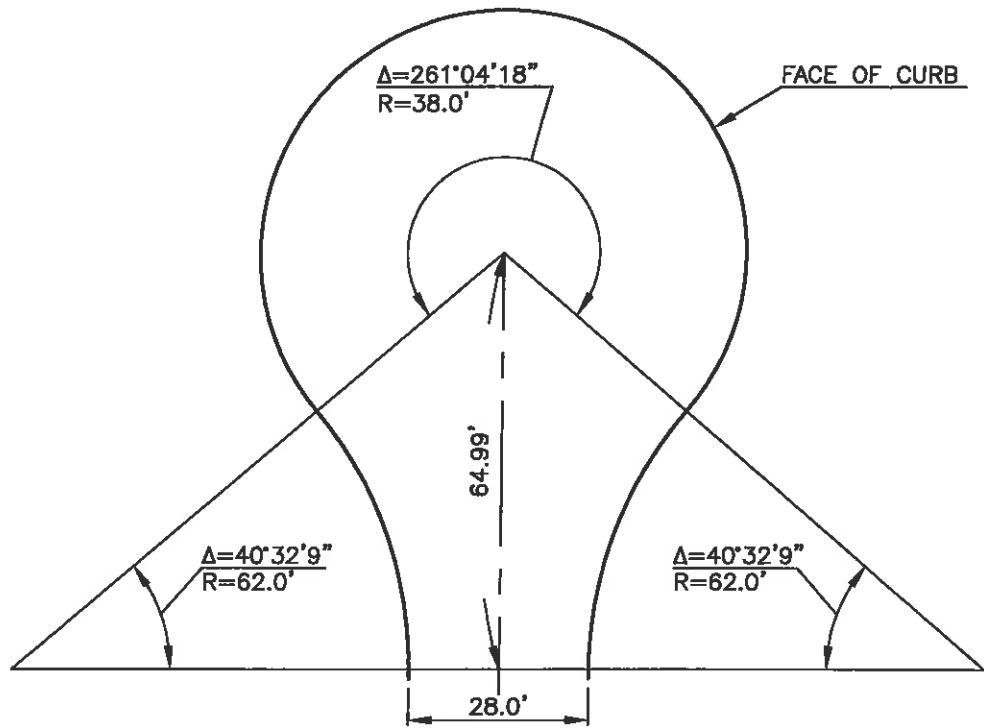
FOR REPLACEMENT WORK, THE CURB SHALL BE REMOVED AT AN EXISTING JOINT OR NO CLOSER THAN 5 FEET FROM AN EXISTING JOINT.

$\frac{1}{2}$ " EXPANSION MATERIAL WILL BE INSTALLED BEHIND THE CURB WHEN A CONCRETE WALK, DRIVE, OR OTHER CONCRETE ITEM IS ADJOINING IT.

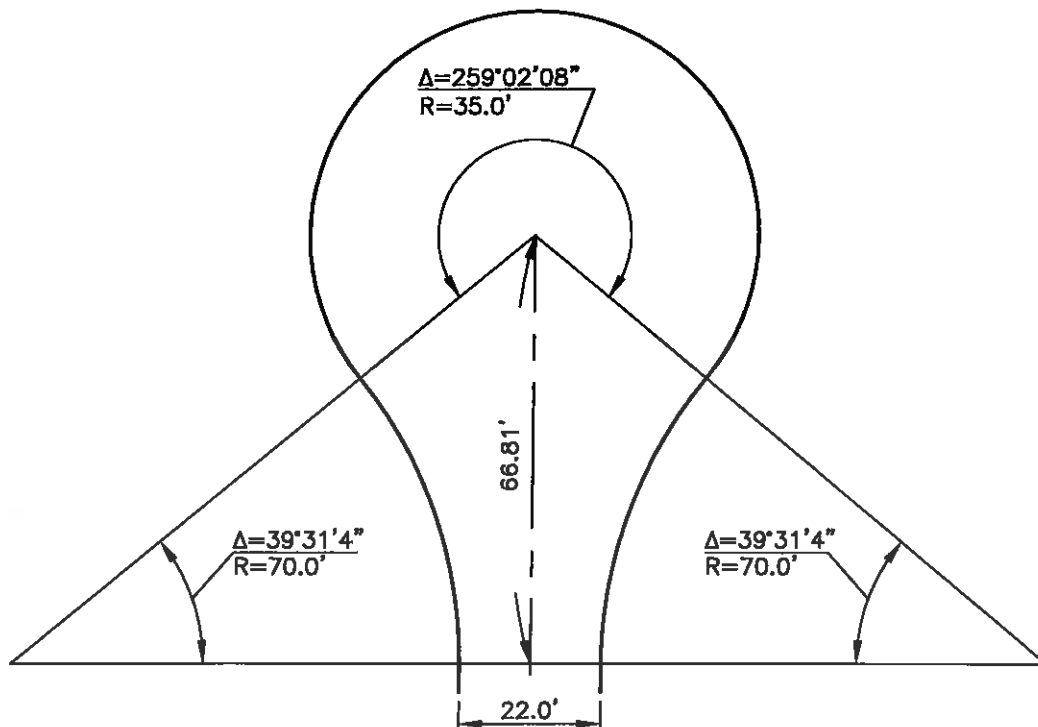


ALTERNATE 4" PIPE UNDERDRAIN LOCATION TO BE PLACED AS PER TYPICAL SECTION AND/OR AS DIRECTED BY THE ENGINEER.

REVISED		STANDARD DETAIL STRAIGHT 18" CONCRETE CURB ITEM 609	OFFICE OF THE FRANKLIN COUNTY ENGINEER SUBDIVISION STANDARD DRAWING	DWG. NO. 1260
3-14				



REVISED	STANDARD DETAIL CURBED CUL-DE-SAC	OFFICE OF THE FRANKLIN COUNTY ENGINEER SUBDIVISION STANDARD DRAWING	DWG. NO. 1102
2-75 3-89			



REVISED	STANDARD DETAIL UNCURBED CUL-DE-SAC	OFFICE OF THE FRANKLIN COUNTY ENGINEER SUBDIVISION STANDARD DRAWING	DWG. NO. 1104
2-75 3-89			