CURBS, APRON & SIDEWALK SPECIFICATIONS

INSTRUCTION NOTES:
1. TAPERED CURB IS TO BE USED WHEN EXISTING CURB BEING REPLACED, IS TAPERED OR NEW CURB IS BEING INSTALLED.
   ALL OTHER EXISTING CURBS TO BE NON-TAPERED.
2. ALL CONCRETE TO BE CLASS AA FROM PADOT APPROVED SUPPLIER LISTED IN BULLETIN 15.
3. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM WITH PADOT PUBLICATION 406, LATEST EDITION.
4. EXISTING ROAD SURFACE TO BE SAWCUT ALONG CURB NO MORE THAN 2' MAXIMUM FROM CURB FACE.
5. EXPANSION JOINTS SHALL BE PLACED BETWEEN EXISTING CONCRETE, AT A MAXIMUM INTERVAL OF 20 FEET, AT THE END OF EVERY DAY, AND ON BOTH SIDES OF THE STRUCTURES. JOINTS SHALL BE 1/2" THICK PRE-MOLDED MATERIAL.
6. INTERMEDIATE CONTROL JOINTS TYPICAL 2" DEEP X 3/16" WIDE. JOINTS TO BE PLACED AT 10' INTERVALS (MIN. OF 4' FOR CLOSURE OR CURVES).
7. TACK COAT EXISTING PAVEMENT AND ALL VERTICAL SURFACES BELOW PAVING LINE.
8. WHEN NEW CURB IS INSTALLED ALONG AN EXISTING PAVED AREA, EXISTING PAVEMENT SHALL BE CUT IN A STRAIGHT LINE, TWO FEET FROM THE FACE OF CURB, USING A SHARP TOOL. THE CLEAN CUT MUST BE MADE THROUGH THE CONCRETE BASE COURSE PRIOR TO EXCAVATION. THE NEW PAVEMENT SHALL BE LOCKED AND BLENDED TO THE EXISTING PAVEMENT. STONE AND ASPHALT SHALL BE PROPERLY COMPACTED PRIOR TO SEALING ALL JOINTS.
9. CAPPING OF DETERIORATED CURBING IS NOT PERMITTED.
10. FRONT AND BACK CURB FORMS SHALL BE USED FOR THE ENTIRE DEPTH OF CURB (18'). HANGING FRONT FORMS ARE NOT PERMITTED.
11. THE SHORTEST SECTION OF CURB TO BE REPLACED IS 5 FEET.
12. BACKFILL BETWEEN THE FACE OF CURB AND EXISTING ROAD SURFACE WITH 2A STONE AND 19MM BINDER COURSE AS REQUIRED. COLD PATCH ASPHALT IS NOT PERMITTED.
13. A PERMIT FROM THE BRISTOL TOWNSHIP LICENSES & INSPECTIONS DEPARTMENT IS REQUIRED PRIOR TO REPLACEMENT OF CONCRETE CURBS.

SPECIFICATIONS FOR CONCRETE CURB CONSTRUCTION

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BRISTOL TOWNSHIP
BUCKS COUNTY
2501 BATH ROAD BRISTOL, PA 19007 (215) 785-3680

DATE: 02/10/2015
NOT TO SCALE

DETAIL:

REVISED 2/10/2015
Concrete Sidewalk

CONCRETE SIDEWALK—IN DRIVEWAY APPROX AREA
AND SIDEWALK IN FRONT OF APRON
MATCH EXISTING WIDTH OR
AS APPROV. BY TWP. ENG.
SLOPE 1/4"/FT. — OR
AS APPROV. BY TWP. ENG.
VARI E S
6" WELDED WIRE
21 LBS. PER 100 SQ. FT.
APRON AREA

6" NO. 2B STONE BASE
6" APRON AREA
4" 3/4" STONE UNDER ALL OTHER SIDEWALK AREAS

1. CONCRETE FOR SIDEWALK SHALL BE CLASS "A"
CONCRETE.
2. INSTALL 1/2" BITUMINOUS NON-EXTRUDING EXPANSION
JOINTS AT 20 FOOT INTERVALS. INSTALL 1/2" BITUMINOUS
NON-EXTRUDING EXPANSION JOINT WHERE SIDEWALK
ABUTS CURB.
3. INSTALL SCORED JOINTS AT 4 FOOT INTERVALS.

CONCRETE SIDEWALK

NOTE:
ALL MATERIALS AND CONSTRUCTION
METHODS SHALL COMPLY WITH
PENNSYLVANIA DEPARTMENT OF
TRANSPORTATION SPECIFICATIONS
FORM 405, 1972.
Notes:

1. Provide /4" expansion joint material where curb cut ramp joins any rigid pavement, sidewalk or structure within the toe of joint for flush with adjacent concrete surface.

2. When projection cross-axes are not constructed wide enough to provide minimum 4'-0" clearance zone at the bottom of the ramp, construct cross-axes as indicated in detail A.

3. Provide for Type 2 Curb Cut Ramps for sidewalks sections wider than 12'-0".

4. Dimensions and slopes should be altered to suit existing conditions. Result is special design based on road-by-roads.

5. Provide slip resistant texture on curb cut ramps as course progressing transition to sides of the road. Extend texture to full length and width of the curb cut ramp including first 8 sidewalk ramps.


Type 2 Single Curb Cut Ramp
4. New curbs must match existing adjacent curbs.

3. Place 1/2 inch premolded expansion joint lengths or sections.

2. Space contraction joints in uniform.

1. Provide materials and construction meeting the requirements of publication.

NOTES:

HANDICAP RAMP
Flared side ramp
Sidewalk area
Curb cut ramp
Handicap ramp
Curb

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<thead>
<tr>
<th>28 DAY</th>
<th>3000 PSI</th>
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<tbody>
<tr>
<td>A</td>
<td>Class of concrete (11 day structural design compressive strength (TS))</td>
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