The Borough of Wilson
2040 Hay Ter
Easton, PA 18042
P: 610-258-6142
F: 610-258-6639

Curb & Sidewalk Application

Date:_____

PA ONE CALL 1-800-242-1776

You must call 3 days prior to the start

PA ONE CALL ID#_____

Property Owner Information

Name: _____

Address: _____

Phone:_____

Email: _____

Contractor's Information

Name: _____

Address: _____

Phone:_____

Email: _____

CURBS

New or Replacement (please circle one)

Approximate Linear Feet: _____

Borough Comments:_____

_____

_____

SIDEWALKS

Approximate Linear Feet: _____

Borough Comments:_____

_____

_____

Note: FEDERAL ADA COMPLIANCE REQUIRED WITH ANY WORK. NO CLOSING OF BOROUGH ROADS PERMITTED WITHOUT PRIOR BOROUGH APPROVAL.

_____
Applicant Signature

Permit fee $3 for up to 50 feet or less, $04 per foot over 50 feet.

Date Paid _____/_____/_____ **Permit Cost:** _____ **Cash:** _____
Check:_____

APPLICATION PROCESS CAN TAKE UP TO 30 DAYS!

BOROUGH OF WILSON

CONCRETE CURB, DRIVEWAY APRON AND SIDEWALK CONSTRUCTION REQUIREMENTS

GENERAL CONSTRUCTION REQUIREMENTS

1. ALL CONSTRUCTION/MATERIALS SHALL CONFORM TO THE REQUIREMENTS AS OUTLINED ON THE ATTACHED CONSTRUCTION DETAILS AND/OR AS SPECIFIED HEREIN.
2. WHERE FORMS ARE USED BY THE SUBCONTRACTOR, THEY MUST BE ADEQUATELY CONSTRUCTED AND SUPPORTED TO AVOID ANY BULGING OF AND/OR DEFORMING OF THE CONCRETE. FORMS ARE TO BE COATED WITH CUP GREASE OR AN APPROVED EQUAL, IN ORDER TO FACILITATE REMOVAL.
3. ALL FORMS MUST BE REMOVED BY THE CONTRACTOR AFTER THE CONCRETE HAS SUFFICIENTLY HARDENED. IMMEDIATELY FOLLOWING REMOVAL OF THE FORMS, ALL EXPOSED SURFACES ARE TO BE RUBBED WITH A CARBORUNDUM STONE TO ASSURE THAT ALL SURFACES ARE TRUE AND EVEN, FREE FROM ROUGH OR HONEYCOMBED AREAS, DEPRESSIONS OR PROJECTIONS. BRUSH FINISHING, PLASTERING, OR USE OF WATER TO FACILITATE FINISHING WILL NOT BE PERMITTED.
4. WATER MUST BE REMOVED FROM ALL AREAS WHERE CONCRETE IS TO BE POURED.
5. REINFORCING STEEL USED IN CONCRETE CONSTRUCTION SHALL CONFORM TO ASTM SPECIFICATION A615, GRADE 60.
6. NO MONOLITHIC CURB/SIDEWALK PERMITTED
7. THE MAXIMUM ALLOWABLE SLUMP FOR ALL CONCRETE SHALL BE 4 INCHES. ALL CONCRETE SHALL BE PLANT MIXED AND AIR ENTRAINED. (5%± AIR ENTRAINMENT)
8. READY MIXED CONCRETE ONLY SHALL BE USED IN THE WORK
9. ALL CONCRETE SHALL BE CURE SEALED. MATERIALS TO BE APPROVED BY THE ENGINEER.
10. ALL CONCRETE CURB, DRIVEWAY APRON AND SIDEWALK REPLACEMENT WORK SHALL BE SUBJECT TO INSPECTIONS BY THE BOROUGH
11. CONCRETE DELIVERY SLIPS WHICH CERTIFY CONCRETE STRENGTH, SLUMP, ETC. SPECIFICATIONS MUST BE SUBMITTED TO THE BOROUGH INSPECTOR DURING THE POURING OF THE CONCRETE.

CONCRETE DRIVEWAY APRON AND SIDEWALK REPLACEMENT

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO PERFORM ALL APRON/SIDEWALK REMOVAL, APRON/SIDEWALK REPAIR, AND NEW REPLACEMENT APRON/SIDEWALK CONSTRUCTION INCLUDING RELATED EXCAVATION AND GRADING, AT THE LOCATIONS SPECIFICALLY DESIGNATED BY THE TOWNSHIP.
2. ALL APRON/SIDEWALK AND ASSOCIATED CONSTRUCTION MATERIAL REMOVED SHALL BE PROPERLY DISPOSED OFBY THE CONTRACTOR.
3. EXCAVATE TO REQUIRED DEPTH, INSTALL STONE SUBBASE PER THE ATTACHED CONSTRUCTION DETAILS, THEN COMPACT THE MATERIALS UPON WHICH THE APRON/SIDEWALK IS TO BE CONSTRUCTED TO A FIRM, EVEN SURFACE.
4. NO APRON/SIDEWALK CAN BE POURED UNTIL THE FORM WORK IS INSPECTED BY THE BOROUGH
5. ALL APRON/SIDEWALK REPLACEMENTS SHALL BE PERFORMED USING PROPER FORMS, APPROVED BY THE BOROUGH
6. ALL APRON/SIDEWALK REPLACEMENTS SHALL HAVE A BROOM FINISH.
7. CONTROL JOINTS ARE REQUIRED AT 5 FT. (MAXIMUM) INTERVALS.

8. EXPANSION JOINTS, WHICH INCLUDE A 1/2 INCH PREMOLDED EXPANSION MATERIAL, SHALL BE PROVIDED AT ALL CONNECTIONS TO EXISTING CONCRETE, AS SHOWN ON THE ATTACHED CONSTRUCTION DETAILS, AND AT 20 FOOT (MAXIMUM) INTERVALS FOR MULTIPLE BLOCK REPLACEMENTS.

9. 6" x 6" REINFORCING MESH SHALL BE INSTALLED IN ALL DRIVEWAY APRON REPLACEMENTS AND WITHIN THE 6" THICK DRIVEWAY SIDEWALK AREAS.

CONCRETE CURB REPLACEMENT

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO PERFORM ALL CURB REMOVAL, CURB REALIGNMENT, CURB REPAIR, AND NEW REPLACEMENT CURB CONSTRUCTION INCLUDING RELATED EXCAVATION AND GRADING, AT THE LOCATIONS SPECIFICALLY DESIGNATED BY THE BOROUGH.

2. ALL CURB AND ASSOCIATED CONSTRUCTION MATERIALS REMOVED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.

3. EXCAVATE TO REQUIRED DEPTH, THEN COMPACT THE MATERIAL UPON WHICH THE CURB IS TO BE CONSTRUCTED TO A FIRM, EVEN SURFACE.

4. ESTABLISHING CORRECT LINE AND GRADE OF CURB CONSTRUCTION IS THE CONTRACTOR'S RESPONSIBILITY, HOWEVER, NO CURBING CAN BE POURED UNTIL THE FORM WORK IS INSPECTED BY THE BOROUGH.

5. ALL CURB REPLACEMENTS SHALL BE PERFORMED UTILIZING THE "FULL METAL FORM" METHOD OR "WOODEN FORM" METHOD AS SPECIFIED HEREIN, ALTHOUGH THE FULL METAL FORM METHOD IS THE PREFERRED MEANS OF CURB REPLACEMENT WORK.

6. ALL "FULL METAL FORM" CURB REPLACEMENTS SHALL BE PERFORMED USING PROPER METAL FORMS, FRONT AND BACK EXCEPT ON SHARP CURVES AND SHORT TANGENTS WHERE WOOD FORMS MAY BE USED IN ACCORDANCE WITH PENNDOT PUBLICATION 408, SECTION 630.3.

7. ALL "WOODEN FORM" CONCRETE CURB REPLACEMENTS SHALL BE PERFORMED USING PLYWOOD, OR OTHER ACCEPTED MATERIAL, AT LEAST 5/8 INCH THICK, SUITABLE FOR FORM WORK. FOR FINAL EXPOSED CONCRETE SURFACES, USE SMOOTH MATERIAL, FREE OF KNOTS, HOLES, BULGES OR DEPRESSIONS.

8. ALL "WOODEN FORM" CONCRETE CURB REPLACEMENTS SHALL BE CONSTRUCTED IN SUCH A MANNER SO THAT ALL EXPOSED SURFACES MATCH THE CONNECTION CURB, AND ALL BELOW GRADE SURFACES ARE TO BE TRUE AND EVEN, FILLING ALL VOIDS IN THE ROAD SUBBASE.

9. ALL CONCRETE CURB REPLACEMENTS SHALL BE 7" X 8" X 18" IN SIZE, UNLESS OTHERWISE AUTHORIZED BY THE TOWNSHIP, AND CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF PENNDOT PUBLICATION 408, LATEST EDITION, AND AS SHOWN ON THE ATTACHED CONSTRUCTION DETAILS.

10. DESIGNATED MISALIGNED CONCRETE CURB SECTION SHALL BE REALIGNED, RATHER THAN REPLACED, WHERE PERMITTED BY THE BOROUGH . THE CURB REALIGNMENT MAY BE HORIZONTAL OR VERTICAL OR BOTH. EXCAVATE AROUND THE CURB SECTIONS AS NECESSARY AND REMOVE CURB SECTIONS. COMPACT THE MATERIAL UPON WHICH THE CURB IS TO BE RESET TO A FIRM, EVEN SURFACE. THE LINE AND GRADE FORTHE RESET CURB SHALL BE ADJUSTED TO MATCH THE ADJOINING CURB SECTIONS. FOLLOWING PROPER PLACEMENT OF THE CURB, BACKFILL THE VOIDS IN FRONT AND BACK OF THE CURB USING ACCEPTABLE BACKFILL MATERIAL. SHOULD ANY CURB SECTIONS BE DAMAGED DURING THE REALIGNMENT OPERATION, THOSESECTIONS SHALL BE REPAIRED OR REPLACED AS SPECIFIED HEREIN AT THE DIRECTION OF THE BOROUGH. .

11. ALL MATERIALS AND CONSTRUCTION USED IN THE REPAIR AND/OR REPLACEMENT OF STREET PAVING REQUIRED IN CONJUNCTION WITHOUT CURB REPLACEMENT WORK SHALL CONFORM TO PENNDOT PUBLICATION 408, LATEST EDITION, AND SHALL BE AS SHOWN ON THE ATTACHED CONSTRUCTION DETAILS.

12. CONTROL JOINTS SHALL BE PROVIDED AT 10 FT. INTERVALS.

13. EXPANSION JOINTS, WHICH INCLUDE A 1/2" PREMOLDED EXPANSION MATERIAL, SHALL BE PROVIDED AT ALL CONNECTIONS TO EXISTING CURB AND IN THE CENTER OF ALL DRIVE DEPRESSIONS.

14. REINFORCING RODS SHALL BE PROVIDED AT ALL CURB DEPRESSIONS AND AT ALL CONNECTIONS TO EXISTING STORM SEWER STRUCTURES.

MISCELLANEOUS RESTORATION

1. BOROUGH STREETS

   A. UNLESS OTHERWISE SPECIFIED OR REQUIRED BY THE BOROUGH , STREET ROADWAY PAVEMENT SHALL BE CUT TO NEAT LINES TO THE EXTENT SHOWN ON THE ATTACHED CONSTRUCTION DETAILS USING EQUIPMENT SUITABLE FOR SUCH WORK, AND THE EDGES OF THE PAVEMENT SHALL BE PROTECTED AND MAINTAINED BY THE CONTRACTOR UNTIL THE REPAVING IS COMPLETED. ALL STREET ROADWAY AND SHOULDER PLACEMENT SHALL BE CUT BY A MECHANICAL SAW. JACKHAMMERS MAY ALSO BE USED TO CUT TOWNSHIP ROADWAY PAVEMENT UNDER TYPE "A" RESTORATION, BUT ONLY AT LOCATIONS APPROVED BY THE BOROUGH .

   B. BOROUGH STREET RESTORATION REQUIRED IN CONJUNCTION WITH THE "FULL METAL FORM" METHOD OF CONCRETE CURB REPLACEMENT SHALL BE SUBJECT TO EITHER TYPE "A" RESTORATION OR TYPE "B" RESTORATION, BASED UPON THE CONDITION/STATUS OF THE EXISTING ABUTTING ROADWAY SURFACE. A DETERMINATION OF TYPE "A" OR TYPE "B" RESTORATION REQUIREMENTS WILL BE MADE AT THE TIME OF HIGHWAY OCCUPANCY PERMIT ISSUANCE BY THE BOROUGH .

   C. AT JOINTS BETWEEN EXISTING PAVEMENTS AND REPAVING WORK, WHERE SHOWN ON THE ATTACHED CONSTRUCTION DETAILS, THE EDGES OF EXISTING PAVEMENT SHALL BE CUT BACK PARALLEL WITH THE TRENCH OR EXCAVATION AND AT RIGHT ANGLES, NEATLY TRIMMED AND AS APPROVED BY THE BOROUGH . AN APPLICATION OF CLASS AC-20 ASPHALT CEMENT SHALL BE PROVIDED AT 25 MM ALL LOCATIONS WHERE NEW BITUMINOUS PAVEMENT JOINS EXISTING BITUMINOUS PAVEMENT.

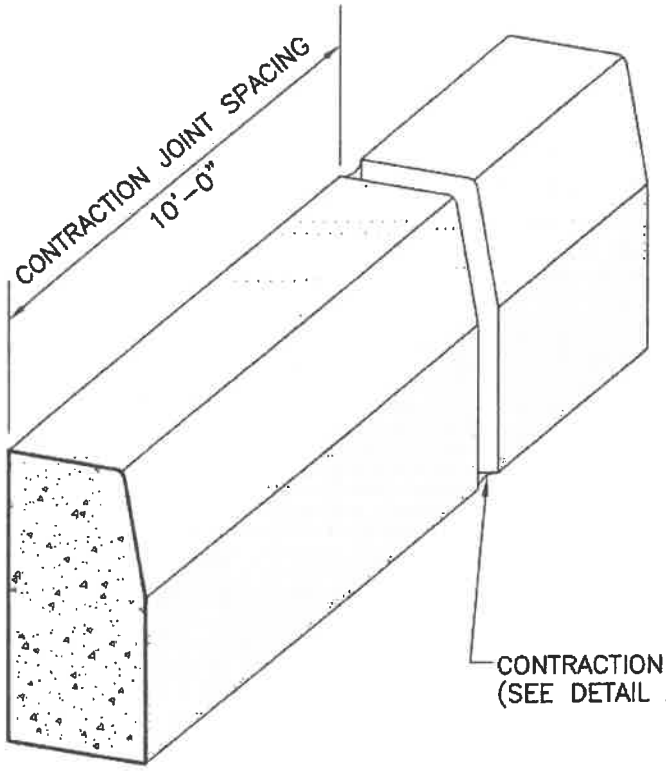
   D. THE REPLACEMENT PAVEMENT TO BE PROVIDED ON BOROUGH STREETS SUBJECT TO TYPE "A" RESTORATION REQUIREMENTS SHALL CONSIST OF A 2A STONE BASE COURSE AND A 19 MM BITUMINOUS CONCRETE BINDER COURSE. THE 2A BASE COURSE SHALL EXTEND TO THE BOTTOM OF THE ADJACENT CURB. THE BINDER COURSE SHALL BE 3 INCHES THICK.

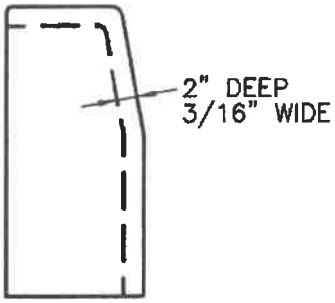
   E. THE REPLACEMENT PAVEMENT TO BE PROVIDED ON BOROUGH STREETS SUBJECT TO TYPE "B" RESTORATION REQUIREMENTS SHALL CONSIST OF A 2A STONE BASE COURSE AND A 19 MM BITUMINOUS CONCRETE BINDER AND 9.5 MM WEARING COURSES. THE 2A BASE COURSE SHALL EXTEND TO THE BOTTOM OF THE ADJACENT CURB. THE BINDER COURSE SHALL BE 3 INCHES THICK. THE WEARING COURSE SHALL BE 2 INCHES THICK. ALL WEARING COURSE JOINTS SHALL BE SEALED USING CLASS AS-20 ASPHALT CEMENT ON COMPLETION TO THE TYPE "B" PAVING RESTORATION.

   F. WHERE THE "WOODEN FORM" METHOD OF CONCRETE CURB REPLACEMENT IS IMPLEMENTED, OR REALIGNMENT OF CURBING SECTION IS PERMITTED BY THE BOROUGH , THE ROADWAY PAVEMENT SHALL BE REMOVED AS NECESSARY TO PERMIT THE WORK. ALL SECTIONS OF ROADWAY DAMAGED DURING CURB REMOVAL OR REPLACEMENT, AS DETERMINED BY THE BOROUGH , ARE TO BE REMOVED, TO A DEPTH OF NOT LESS THAN 1-1/2 INCHES, REPAVED WITH 9.5 MM WEARING SURFACE MATERIAL AND SEALED WITH AN APPLICATION OF AC-20 ASPHALT CEMENT. AN APPLICATION OF AC-20 ASPHALT CEMENT WILL BE REQUIRED IN ALL AREAS. ADDITIONALLY, IN LOCATIONS WHERE THE REMOVAL OF EXISTING CONCRETE CURB HAS SEVERALLY UNDERMINED THE ABUTTING ROADWAY SURFACE AS DETERMINED BY THE BOROUGH , THE ROADWAY SHALL BE EXCAVATED AND RESTORED IN ACCORDANCE WITH TYPE "A" OR TYPE "B" RESTORATION REQUIREMENTS, AS DIRECTED BY THE BOROUGH .

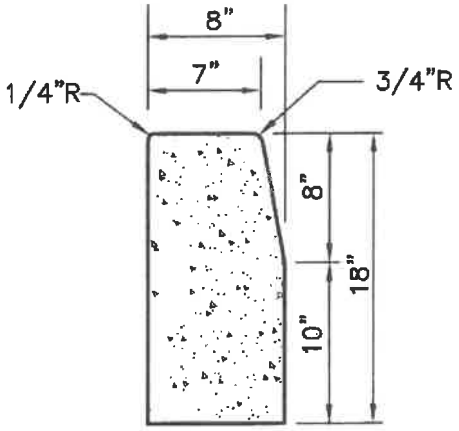
2. AREAS OTHER THAN BOROUGH STREETS

   A. ALL ADJACENT AREAS DISTURBED AS A RESULT OF THE CONCRETE CURB, DRIVEWAY APRON AND SIDEWALK CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR, UNLESS OTHERWISE INDICATED ON THE ATTACHED CONSTRUCTION DETAILS.





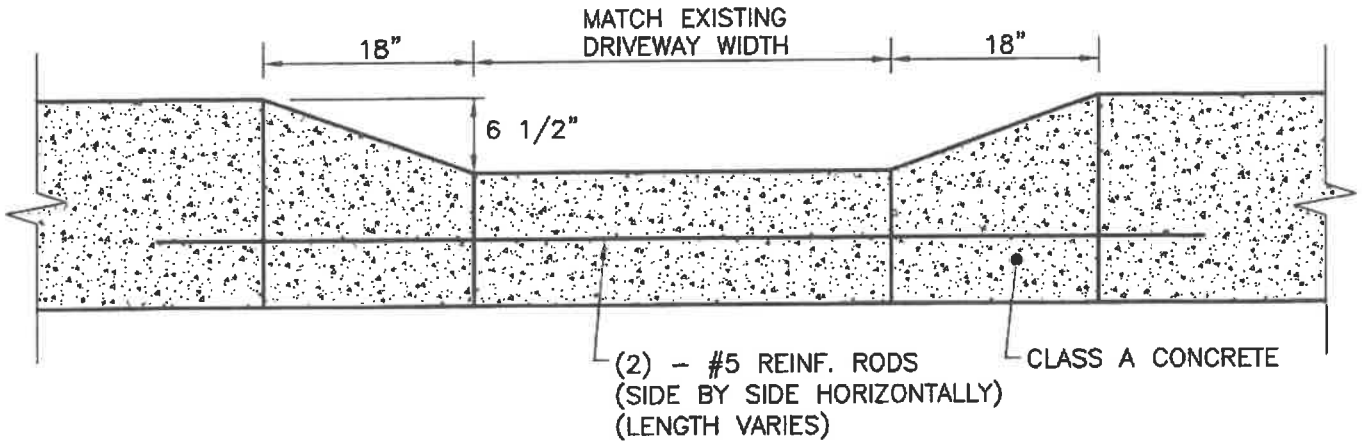
DETAIL A – CONTRACTION JOINT



TYPICAL CROSS SECTION

PLAIN CEMENT CONCRETE CURB DETAIL

NOT TO SCALE



PLAIN CEMENT CONCRETE CURB DETAIL

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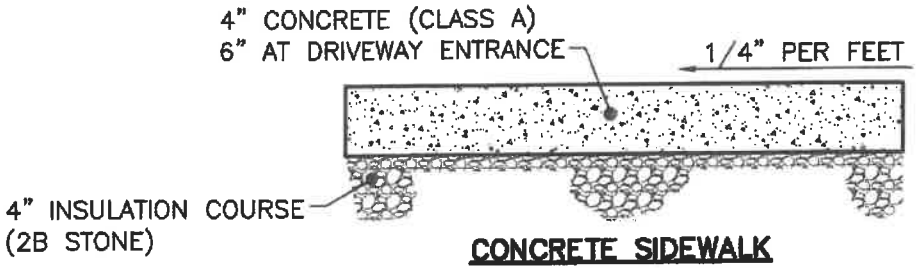
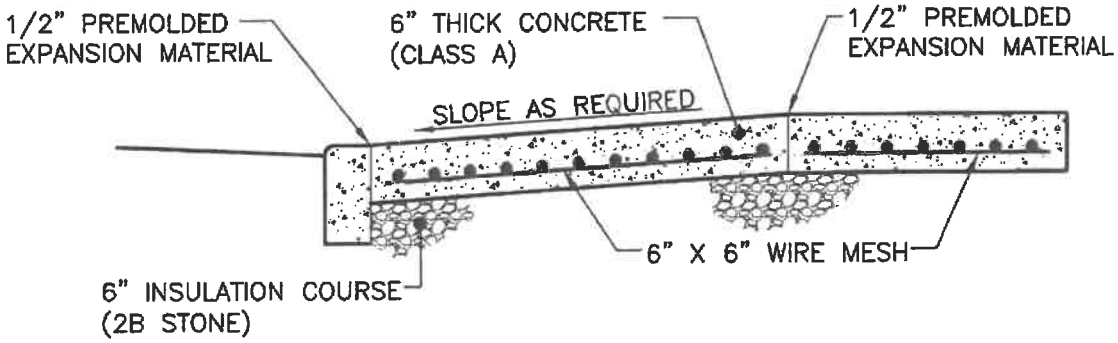
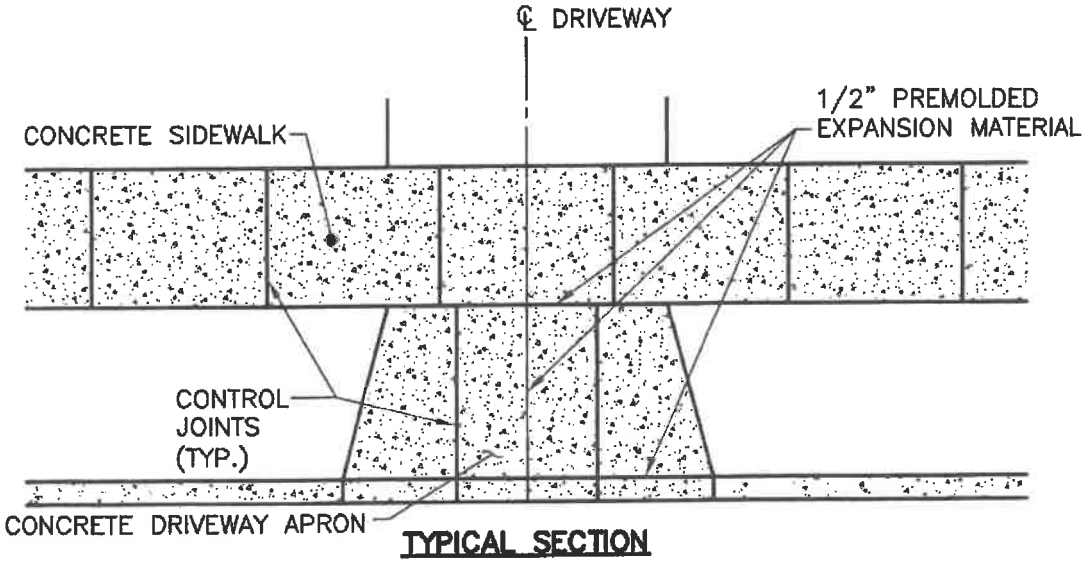


CONCRETE SIDEWALK

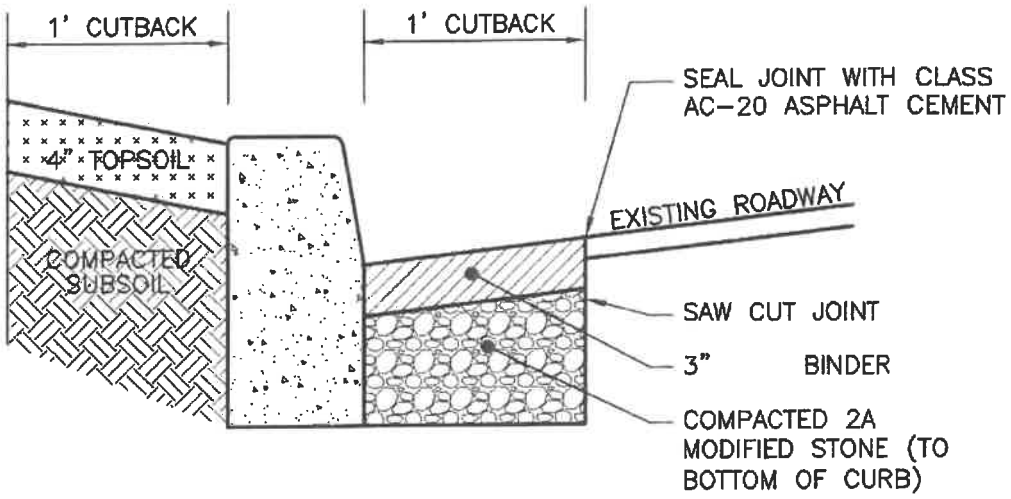




TYPICAL SECTION

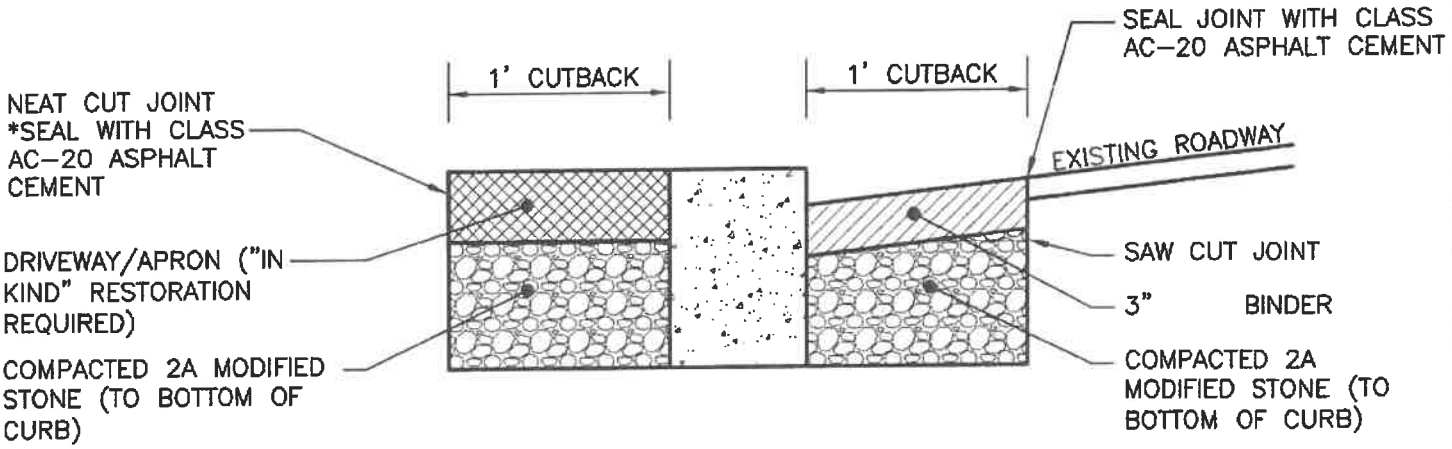
CONCRETE SIDEWALK AND APRON AT DRIVEWAYS

NOT TO SCALE



CONCRETE CURB RESTORATION – YARD AREA

NOT TO SCALE

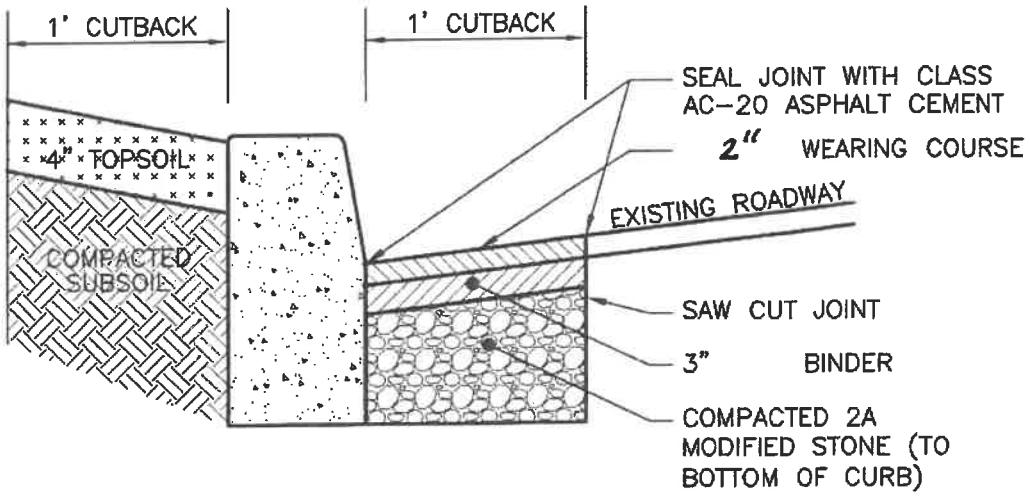


CONCRETE CURB RESTORATION – DRIVEWAY DEPRESSION

NOT TO SCALE

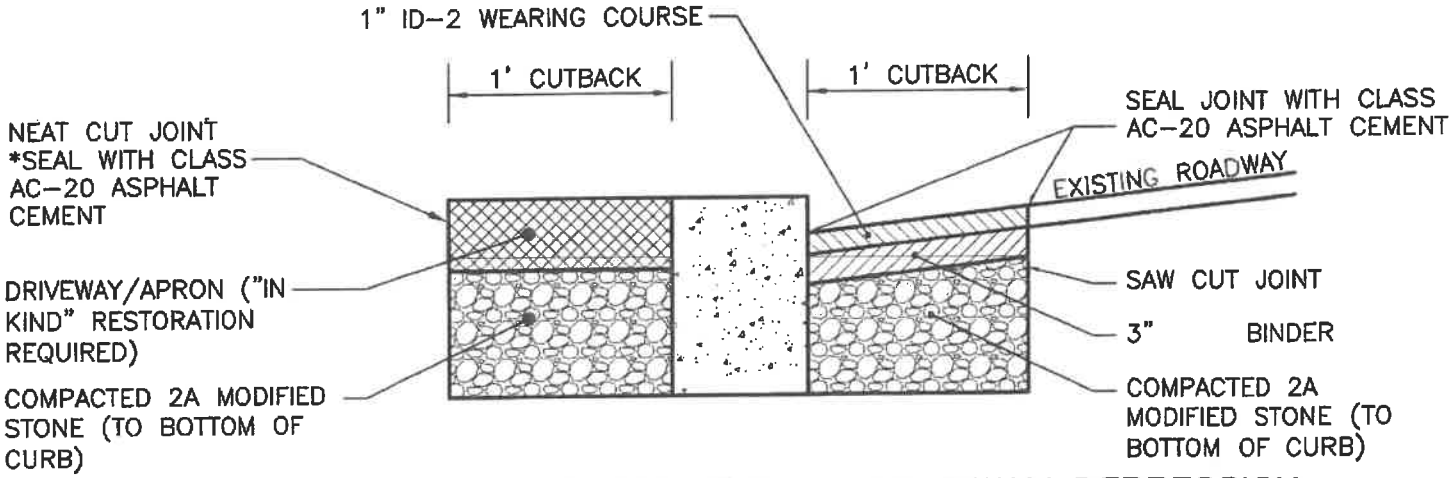
*BITUMINOUS PAVEMENT DRIVEWAY/APRON

TYPE "A" RESTORATION



CONCRETE CURB RESTORATION – YARD AREA

NOT TO SCALE



CONCRETE CURB RESTORATION – DRIVEWAY DEPRESSION

NOT TO SCALE

*BITUMINOUS PAVEMENT DRIVEWAY/APRON

TYPE "B" RESTORATION