

**BOROUGH OF ELIZABETHTOWN
LANCASTER COUNTY, PENNSYLVANIA**

ORDINANCE NO. 991

**AN ORDINANCE OF THE BOROUGH COUNCIL OF THE BOROUGH OF
ELIZABETHTOWN, LANCASTER COUNTY, PENNSYLVANIA,
AMENDING PORTIONS OF CHAPTER 21, STREETS AND SIDEWALKS,
AND CHAPTER 15, MOTOR VEHICLES AND TRAFFIC, OF THE CODE
OF ORDINANCES.**

BE ORDAINED AND ENACTED by the Borough Council of the Borough of Elizabethtown, Lancaster County, Pennsylvania, as follows:

Section 1. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §102, General Provisions, Subsections 2 through 7, shall be amended to provide as follows:

2. Line and Grade. Curbs and sidewalks shall be constructed in accordance with approved development and/or Borough plans and specifications and to lines and grades established by the Borough.
3. Safety. The contractor shall leave the work area clean and neat at the end of each day. All excess excavated material shall be removed from the site daily, or as directed by the Borough. All work started must be completed within seven consecutive calendar days, unless otherwise approved by the Borough. Appropriate barricades shall be placed around the work area in such a manner as to protect both pedestrian and vehicular traffic while potential hazards to both pedestrian and vehicular traffic exist or as directed by the Borough. Such barricades shall be properly lighted during night hours or as directed by the Borough. All work zone traffic control shall be per the current edition of PennDOT Publication 213, Temporary Traffic Control Guidelines, or as approved by the Borough. Any road closure and subsequent detour route(s) must be submitted to the Borough for approval at least 48 hours in advance of the proposed construction. All traffic control devices required for road closure and detour routes shall be the responsibility of the contractor.
4. Obstructions. Where existing structures such as light standards, utility poles, fire hydrants and the like are within the limits of curbs or sidewalk construction, a pre-molded expansion joint, not less than 1/2 inch in width, shall be placed completely around said obstruction for the full depth of the concrete and brick. Furthermore, expansion joint material shall be placed to form a square, 12 inches from each side of the obstruction. No obstruction other than those listed above shall be permitted to be placed within a sidewalk or curb without approval from the Borough.
5. Downspouts. All downspout roof leaders to be located within the area of the sidewalk and curb shall be placed under the sidewalk in three-inch diameter,

minimum, schedule 40 PVC pipe, or as approved by the Borough. Construct in accordance with the detail shown on Exhibit A. A two inch curb reveal shall remain between the downspout invert and the finished street surface unless otherwise approved by the Borough.

6. **Street Signs.** The property owner's contractor is responsible for knowing the location of existing street signs before construction begins. Where existing street signs are within the limits of sidewalk construction, a four inch polyvinylchloride (PVC) pipe sleeve shall be installed by the property owner's contractor. This pipe sleeve shall extend the entire depth of the concrete. In addition, the sleeve shall be installed so that the edge of the sign being installed will be even with the sidewalk side (back) of the curb. This installation shall not interfere with compliance with the then-current United States Americans With Disabilities Act, as amended, Penn DOT design standards and specifications, as amended, or regulations adopted pursuant thereto. The contractor shall contact the Borough in the event of questions about the installation of sign sleeves. In the event that a stop sign or other traffic control sign is involved, temporary provisions shall be made to keep such sign erect and visible to motorists. No sign sleeves shall be installed within the limits of the curb.
7. **Handicap Ramps.** A minimum of one ramp shall be provided at each corner of the intersection. Curb ramps shall have a minimum width of four feet at the street surface unless otherwise approved by the Borough. All ramps shall comply with the United States Americans With Disabilities Act (refer to 42 U.S.C. §12101 et seq.) and all regulations adopted pursuant thereto and shall comply with the construction details in PennDOT Publication 72M, Standards for Roadway Construction in effect at the time of installation.

Section 2. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §103, Construction Methods, Subsection 1, Sidewalks, shall be amended to add the following paragraphs:

- M. **Mud-jacking, Concrete Raising, or Slab-jacking.** Mud-jacking is allowed for correction of certain defects, such as a settled panel. It is not permitted if the panel is cracked or damage is being caused by a tree root. If mud-jacking is unsuccessful, the sidewalk shall be replaced. A permit and inspection are required if sidewalk defects are corrected using mud-jacking.
- N. **Grinding.** Grinding/cutting is allowed for correction of certain defects, such as trip hazard removal. Grinding of trip hazards with a vertical displacement of over 1 inch is not allowed. Trip hazards shall be removed by cutting a slope that is less than the ADA compliant slope for a ramp (8.33%). (Example: a panel which is raised ½ inch, the grinding shall extend 6 inches, at a minimum, onto the raised panel.) Slope shall be planar and smooth with no surface irregularities. Grinding is not allowed if damage is caused by a tree root. If grinding/cutting is unsuccessful, the sidewalk shall be replaced. A permit and inspection are required if sidewalk defects are corrected using grinding/cutting.
- O. **Patching.** Patching of sidewalk is not permitted.

Section 3. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §103, Construction Methods, Subsection 2, Curbs, Paragraph E, shall be amended to provide as follows:

- E. Street excavation for curb installation shall be parallel to the finished curb a minimum of twelve inches and a maximum of 24 inches from the face of the curb and shall be saw cut in a straight line. All material excavated from the street shall be replaced with PennDOT approved 2A stone or its equivalent, and mechanically compacted to within six inches of the finished road surface.

Section 4. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §103, Construction Methods, Subsection 2, Curbs, shall be amended to add the following paragraph:

- G. Patching. Patching of curb is not permitted.

Section 5. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §103, Construction Methods, Subsection 3, Brick Sidewalks, Paragraph B, shall be amended to provide as follows:

- B. Construction of brick sidewalks shall consist of a four inch layer of crushed 1B or 2B stone, compacted, a 3 ½ inch layer of concrete base, a one inch mortar pad and a layer of brick. Empty or sand-filled joints may be used following the brick layer. A construction detail of brick sidewalk is shown on Exhibit A.

Section 6. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §103, Construction Methods, Subsection 4, Standard Rolled Curb, shall be amended as follows:

* * *

- D. Standard rolled curb shall be install in accordance with Exhibit A.

* * *

- H. Street excavation for curb installation shall be parallel to the finished curb a minimum of twelve inches and a maximum of 24 inches from the face of the curb and shall be saw cut in a straight line. All material excavated from the street shall be replaced with PennDOT approved 2A stone or its equivalent, and mechanically compacted to within six inches of the finished road surface.

Section 7. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §103, Construction Methods, Subsection 4, Standard Rolled Curb, shall be amended to delete the existing Paragraph I.

Section 8. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §103, shall be amended by inserting a new Subsection 5, Standard Slanted Curb, which shall provide as follows:

- A. Prior to a street resurfacing project, owners of properties with existing slanted curb that is in good condition will not be required to replace their curbs. Properties that have deteriorated slanted curb will be required to replace the deteriorated sections with slanted curb.
- B. Standard slanted curb shall be installed according to the dimensions shown on Exhibit A.
- C. Construction joints shall be placed at a minimum of 10 lineal feet. The construction joints may be hand tooled or saw cut to a minimum depth of 1 ½ inches. The construction joint shall traverse the top of the curb and continue down the face of the curb a minimum of 1 ½ inches on the street side. Expansion joint material may be substituted for construction joints.
- D. Expansion joint material shall be placed in curbs at the end of each workday, at the beginning and end of a radius, at a change in horizontal alignment or property line.
- E. Excavation shall be made to the required depth and the material upon which the curb is to be constructed shall be compacted to a firm, even surface. Where the subgrade is soft or spongy, a layer of crushed stone not less than four inches thick shall be placed under the curb.
- F. Street excavation for the curb installation shall be parallel to the finished curb no more than two feet from the face of the curb and shall be jack-hammered or saw cut in a straight line. All material excavated from the street shall be replaced with 2A modified stone or its equivalent and compacted to within three inches of the finished road surface.

Section 9. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §104, Supplemental Regulations, Subsections 5 and 6, shall be amended to provide as follows:

- 5. **Backfilling and Sealing.** After the concrete has cured sufficiently, spaces adjacent to the curb and sidewalk shall be refilled with acceptable material in layers of not more than four inches in depth. Each layer shall be thoroughly compacted to the required elevation. Final layer of back fill shall consist of topsoil previously stripped, or new topsoil, and shall be properly seeded. On the roadway side of all curbs, upon completion of curb installation, contractor shall contact the Borough. The Borough will assess trench restoration needs and mark for restoration. Contractor shall saw cut as marked. All material between saw cut and curb shall be removed to a depth of 12 inches. Excavated area will be filled with six inches compacted depth PennDOT approved 2A stone; four inches compacted depth 25 mm base asphalt 0 < .3 ESALs; and two inches compacted depth 9.5 mm wearing asphalt 0 < .3 ESALs; or as specified by the Borough. Both edges of the bituminous surfacing material shall be sealed with a thin coating of AC20 Sealant or its equivalent.

6. **Expansion Joints.** Where a sidewalk abuts the curb, a building, wall or other permanent structure, a premolded expansion joint 1/2 inch in thickness shall be placed between the curb and sidewalk for the full length of such permanent structure. The slabs shall be constructed in twenty-foot maximum lengths with premolded expansion material having a minimum thickness of 1/2 inch separating slabs transversely.

Section 10. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §104, Supplemental Regulations, shall be amended by inserting a new Subsection 8, Black Top Curb and Sidewalks, which shall provide as follows:

8. **Black Top Curb and Sidewalks.** Where no curb and sidewalk currently exists, black top curb and/or sidewalk may be installed by special permission from Borough Council.

Section 11. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks Part 1, Construction and Repair of Curbs and Sidewalks, §109, Permits Required, shall be amended to provide as follows:

Prior to the laying or repair of either curbs or sidewalks by property owners, a property owner shall apply for a permit to the Borough to do so according to the guidelines mentioned herein. The Borough shall issue the permit without charge if the application conforms to the ordinances of the Borough. All required inspections associated with the permit must be completed. The laying or repair of curb and sidewalk without obtaining a permit is prohibited.

Section 12. The Code of the Borough of Elizabethtown, Chapter 21, Streets and Sidewalks, shall be amended by deleting Attachment 1, Appendices, in its entirety and inserting Exhibit A, attached hereto and incorporated herein.

Section 13. The Code of Ordinances of the Borough of Elizabethtown, Chapter 15, Motor Vehicles and Traffic, Part 3, Restrictions on Size, Weight and Type of Vehicle and Load, §304, Truck Traffic Restricted on Certain Streets, Subsection 1 is hereby amended as follows:

Add in alphabetical order:

| Street | Between |
|-------------------------|------------------------------------------|
| East Hummelstown Street | N. Market Street and N. Hanover Street |
| Ridge Road | S. Market Street and S. Mount Joy Street |

Revise:

| Street | Between |
|--------|---------|
|--------|---------|

| | |
|----------------------|---------------------------------|
| Street | Between |
| Spring Garden Street | N. Hanover Street and Mill Road |

Section 14. If any sentence, clause, section or part of this Ordinance is for any reason found to be unconstitutional, illegal, or invalid, such unconstitutionality, illegality, or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections, or parts of this Ordinance. It is hereby declared as the intent of the Borough that this Ordinance would have been adopted had such unconstitutional, illegal, or invalid sentence, clause, section, or part thereof not been included herein.

Section 15. All other sections, parts and provisions of the Borough of Elizabethtown Code of Ordinances shall remain in full force and effect as previously enacted and amended.

Section 16. This ordinance shall take become effective immediately upon its enactment by the Council of Elizabethtown Borough, County of Lancaster, Commonwealth of Pennsylvania.

DULY ORDAINED AND ENACTED this 18 day of April, 2019 by the Borough Council of the Borough of Elizabethtown, Lancaster County, Pennsylvania, in lawful session assembled.

ATTEST: R. Ryan
Borough (Assistant) Secretary

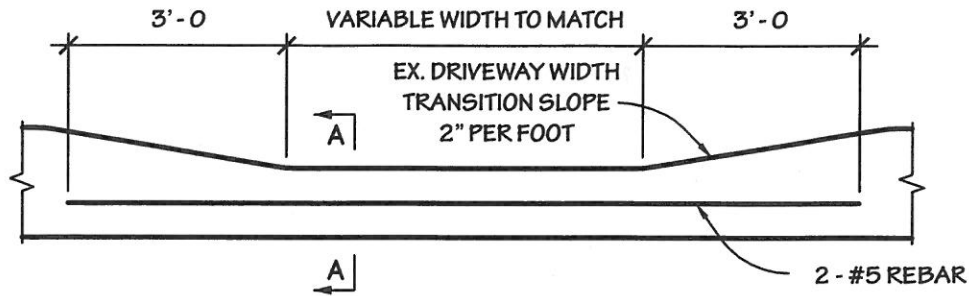
BY: [Signature]
Council (Vice) President

[BOROUGH SEAL]

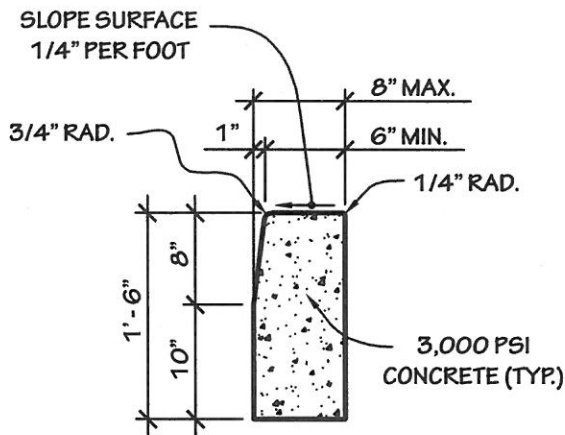
Examined and approved as an Ordinance this 2 day of May, 2019.

BY: [Signature]
Mayor

BOROUGH OF ELIZABETHTOWN CURB & SIDEWALK STANDARD SPECIFICATIONS

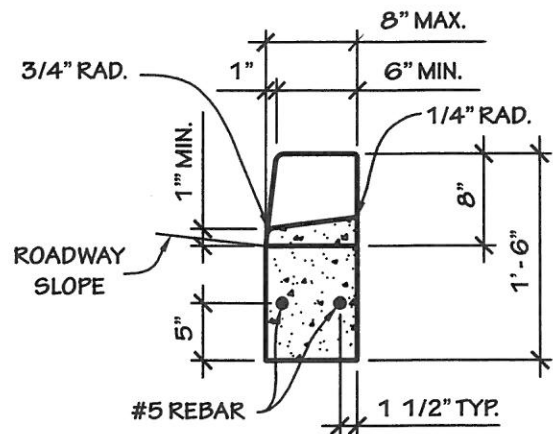


DEPRESSED CURB FOR DRIVEWAYS

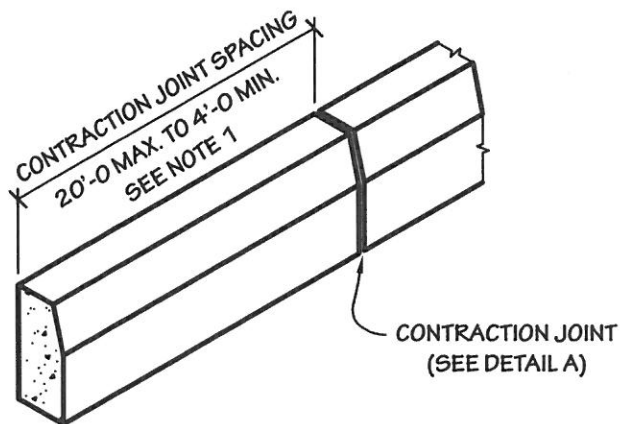


NOTE: CURB REVEAL VARIES, MATCH EXISTING

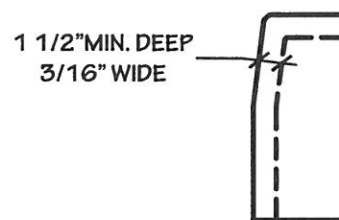
TYPICAL CROSS SECTION



SECTION A-A



CONCRETE CURB

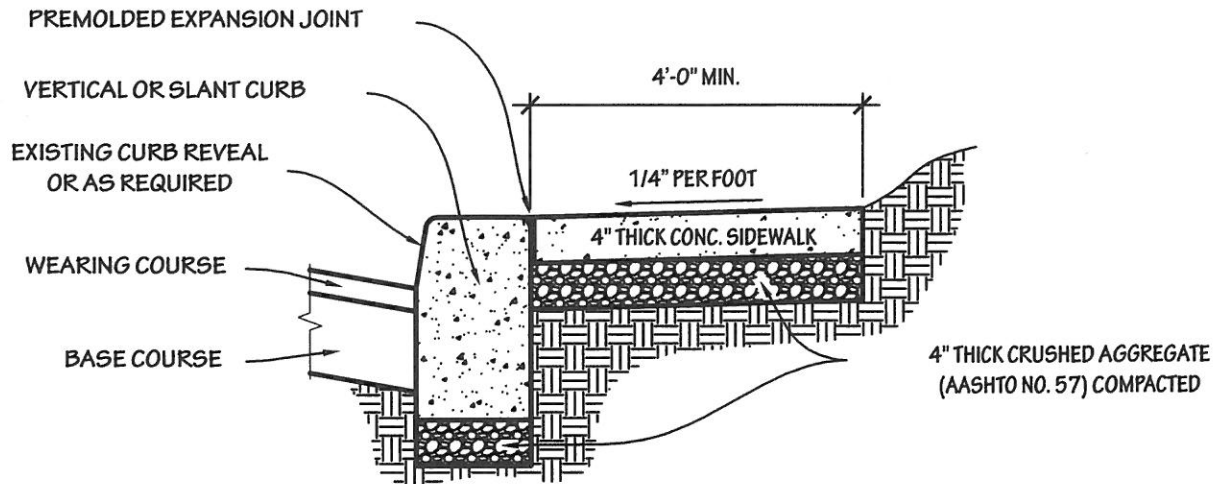


DETAIL A CONTRACTION JOINT

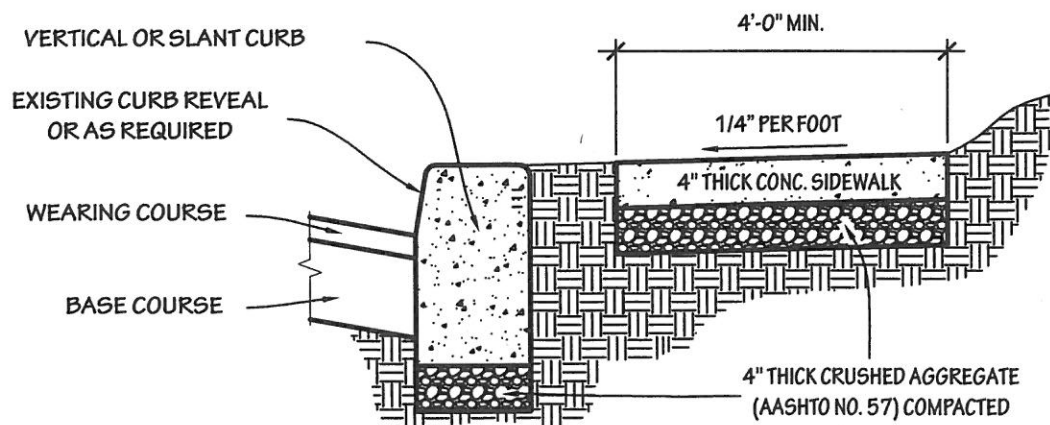
NOTE:
1. SPACE CONTRACTION JOINTS IN UNIFORM LENGTHS AND SECTIONS.

2. PLACE PREMOLDED EXPANSION JOINT FILLER MATERIAL AT STRUCTURES AND AT THE END OF THE WORK DAY. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS-SECTIONAL AREA OF CURB.

BOROUGH OF ELIZABETHTOWN CURB & SIDEWALK STANDARD SPECIFICATIONS

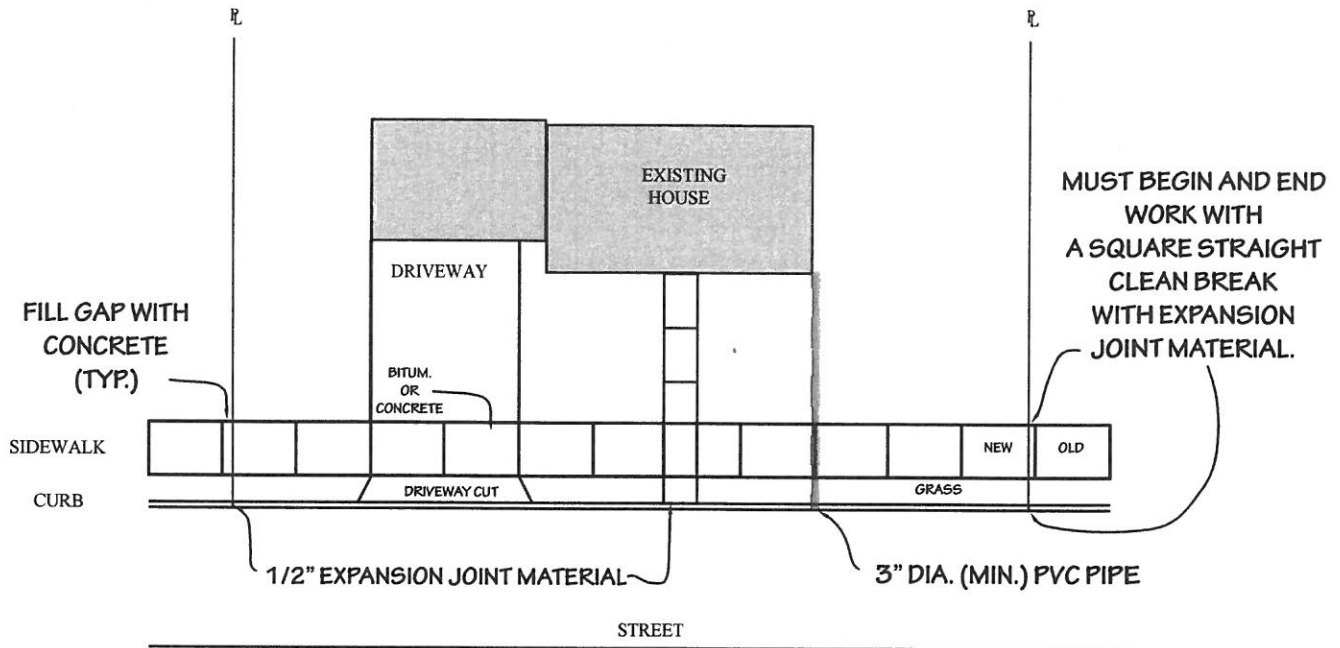


**TYPICAL SECTION THROUGH
CONCRETE CURB & SIDEWALK**

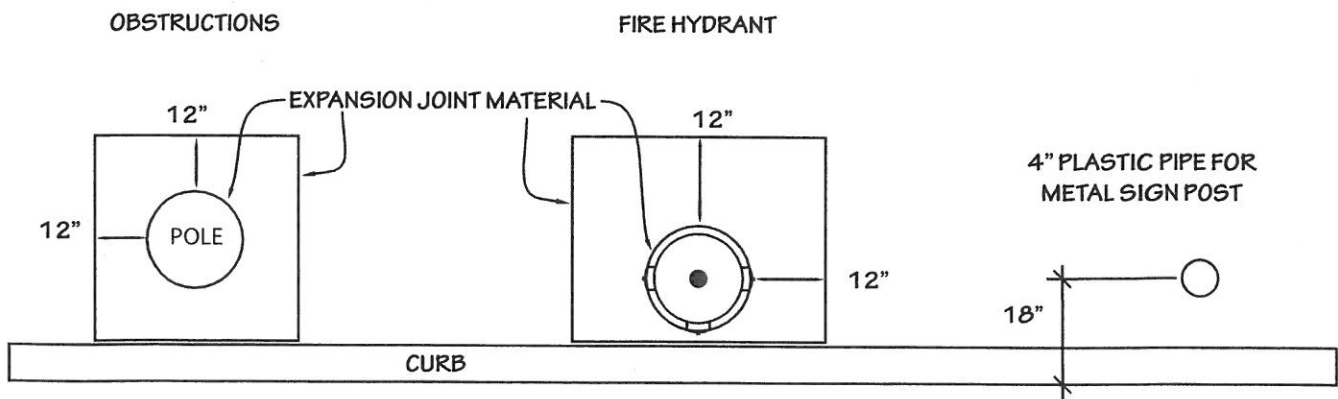


**TYPICAL SECTION THROUGH
SEPERATED CONCRETE CURB & SIDEWALK**

BOROUGH OF ELIZABETHTOWN CURB & SIDEWALK STANDARD SPECIFICATIONS

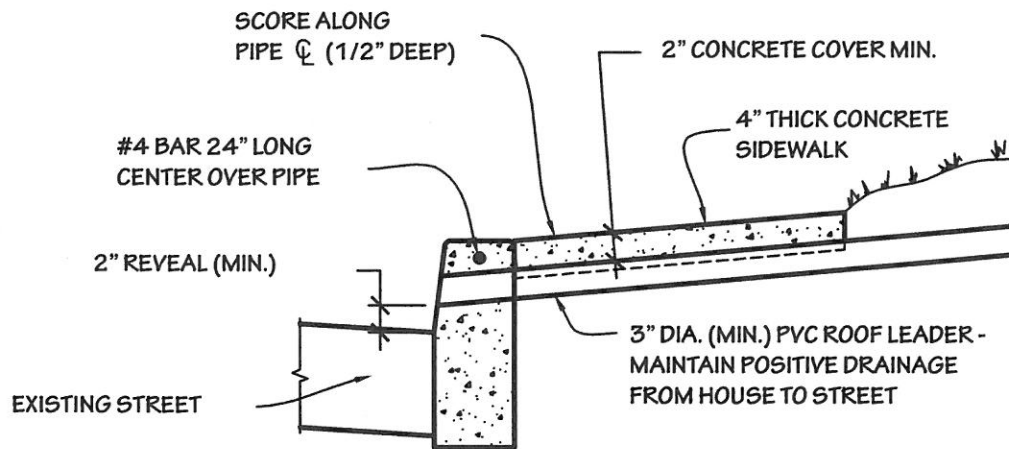


CONSTRUCTION DETAIL FOR ENTIRE PROPERTY



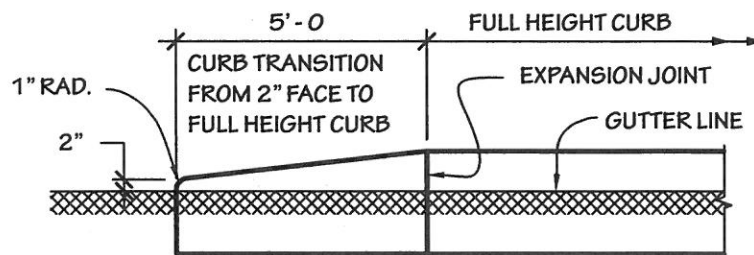
EXPANSION JOINT CONSTRUCTION

BOROUGH OF ELIZABETHTOWN CURB & SIDEWALK STANDARD SPECIFICATIONS



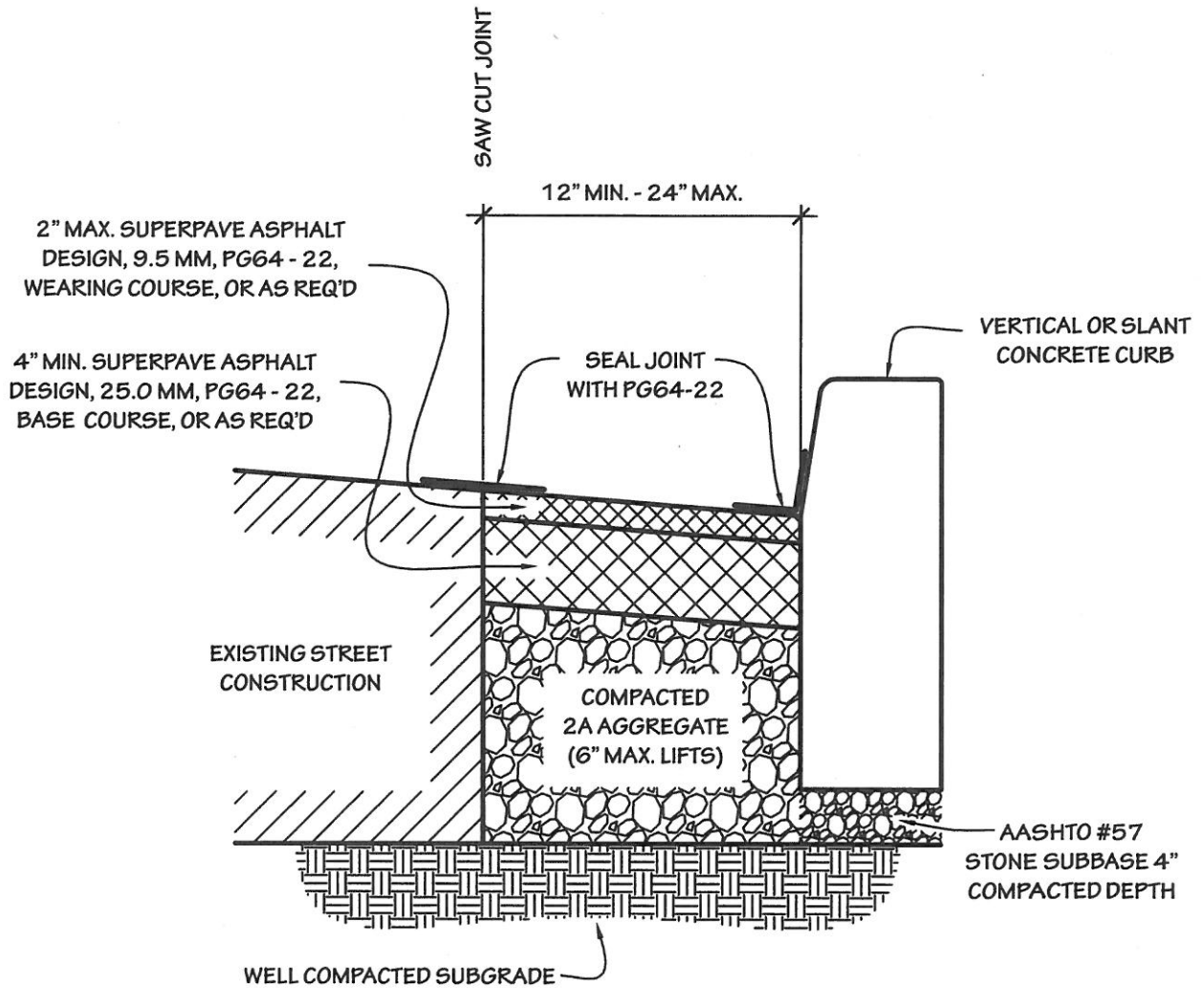
NOTE: USE ROOF LEADER WITH VERTICAL CURBS ONLY

ROOF LEADER UNDER SIDEWALK



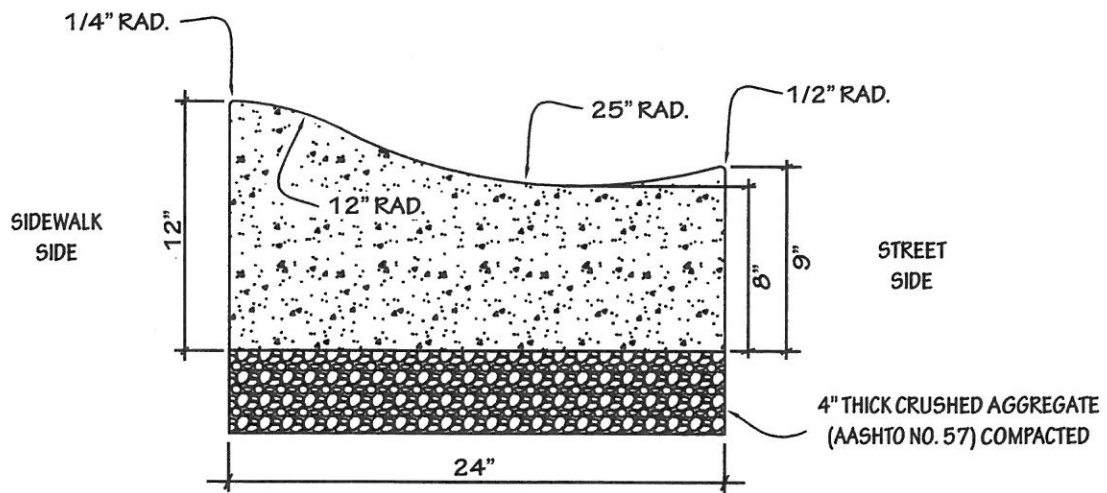
CURB TRANSITION

BOROUGH OF ELIZABETHTOWN CURB & SIDEWALK STANDARD SPECIFICATIONS

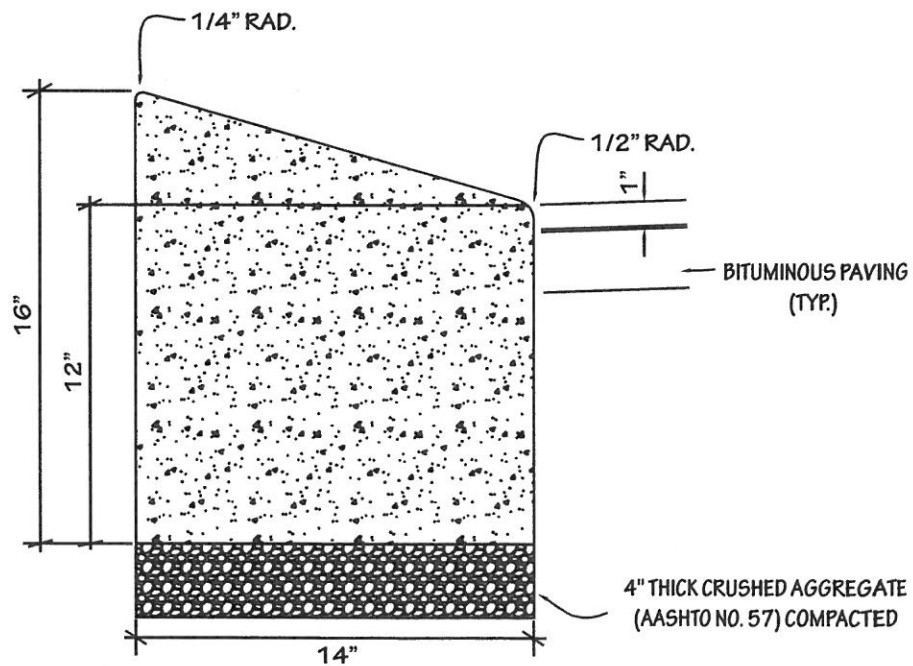


PAVEMENT RESTORATION FOR CURB REPLACEMENT

BOROUGH OF ELIZABETHTOWN CURB & SIDEWALK STANDARD SPECIFICATIONS

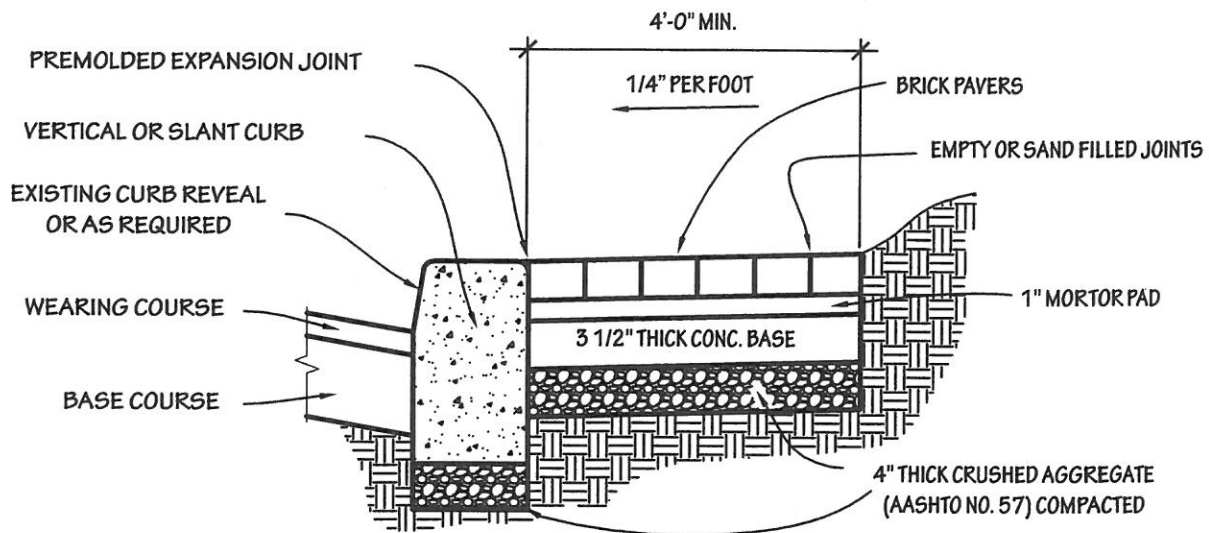


**TYPICAL SECTION THROUGH
CONCRETE ROLLED CURB**

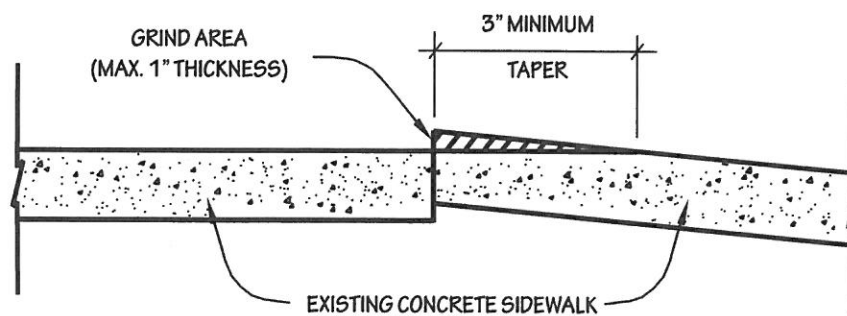


**TYPICAL SECTION THROUGH
CONCRETE SLANT CURB**

BOROUGH OF ELIZABETHTOWN CURB & SIDEWALK STANDARD SPECIFICATIONS



**TYPICAL SECTION THROUGH
CONCRETE CURB & BRICK SIDEWALK**



1/4" THICKNESS = 3" MINIMUM TAPER
 1/2" THICKNESS = 6" MINIMUM TAPER
 3/4" THICKNESS = 9" MINIMUM TAPER
 1" THICKNESS = 12" MINIMUM TAPER

GRINDING DETAIL
 (A CONCRETE WEDGE IS NOT ACCEPTABLE)