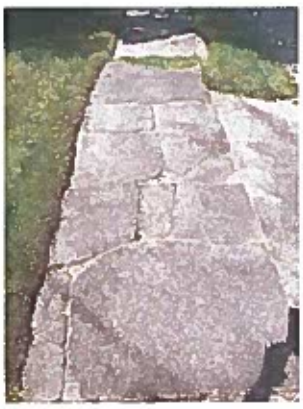
2020 Sidewalk Repair Program Specifications – Village of New Concord

1) 172 Thompson Ave – Approx. 28' 6" long by 4' wide

Issue: Upheaval and cracking sections

Work to be Quoted: Price replacement of sections with green dots. Follow attached sidewalk specification guidelines for concrete sidewalks.
***Notate if contractor has a suggestion for doing work differently

Total linear feet to replace:_____ Total Cost:_____




2) 155 W. High – 20'7" long by 4' wide

Issue: Upheaval and cracking sections. Some vegetation issues between sections.

Work to be Quoted: Price replacement of sections with green dots. Follow attached sidewalk specification guidelines for concrete sidewalks.
***Notate if contractor has a suggestion for doing work differently

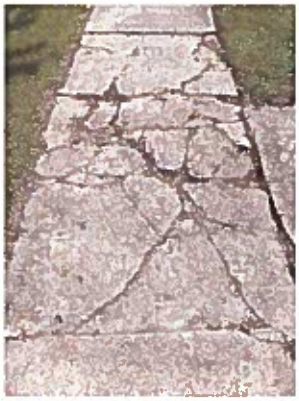
Total linear feet to replace:_____ Total Cost:_____


3) **184 Montgomery Blvd – 16'7" long by 4' wide**

Issue: Cracking or damaged sections

Work to be Quoted: Price replacement of sections with green dots. Follow attached sidewalk specification guidelines for concrete sidewalks.
***Notate if contractor has a suggestion for doing work differently

Total linear feet to replace:_____ Total Cost:_____



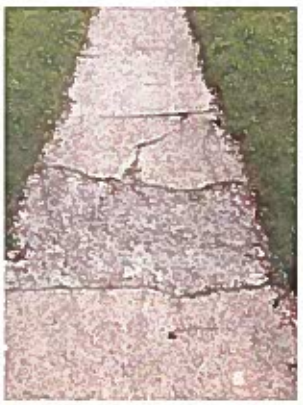

4) **170 Montgomery Blvd – 26'8" long by 4' wide**

Issue: Upheaval and cracking sections. Vegetation growing over sidewalk sections.

Work to be Quoted: Price replacement of sections with green dots. Follow attached sidewalk specification guidelines for concrete sidewalks.
***Notate if contractor has a suggestion for doing work differently

Total linear feet to replace:_____ Total Cost:_____



5) **162 Montgomery Blvd – 48'2" long by 4' wide**

Issue: Upheaval and cracking sections

Work to be Quoted: Price replacement of sections with green dots. Follow attached sidewalk specification guidelines for concrete sidewalks.
***Notate if contractor has a suggestion for doing work differently

Total linear feet to replace:_____ Total Cost:_____



6) **58 E. Main Street – 38'6" long by 5' wide**

Issue: Some upheaval, broken/cracking sections. Vegetation growing between sections.

Work to be Quoted: Price replacement of sections with green dots. Follow attached sidewalk specification guidelines for concrete sidewalks. Please provide alternate price for exposed aggregate as well.
***Notate if contractor has a suggestion for doing work differently

Total linear feet to replace:_____ Total Cost:_____



7) **23 E. Main Street – 14' long by 7'9" wide**

Issue: Some upheaval, broken/cracking sections.

Work to be Quoted: Price replacement of sections with green dots. Follow attached sidewalk specification guidelines for concrete sidewalks.
***Notate if contractor has a suggestion for doing work differently

Total linear feet to replace:_____ Total Cost:_____

Attachment A

Ordinance G-9-18-1 – Sidewalk Program Construction/Repair Specifications

Concrete Sidewalks

1) Subgrade: Flat, dry and compacted subsoil
2) Gravel base: Four (4) inches of compacted dense aggregate limestone
3) Forms: Wood or steel set to slope toward the street at a two (2) percent slope (1/4" / foot). The existing elevation of sidewalk and roadway will determine the elevation.
4) Width: Five-foot width, or equal to existing sidewalk if the same or wider, is preferred. Sidewalks may be reduced to a minimum four-foot width due to site constraints, as determined by the Village of New Concord.
5) Reinforcement: Steel mesh or rebar where walk crosses a driveway. These must be set 1-1/2 inch below the surface.
6) Material: Four (4) inches of 3,500 psi concrete, six (6) inches over residential driveways, and eight (8) inches over commercial driveways.
7) Finish: Hand float, light broom perpendicular to traffic flow, tooled joints at distance equal to the width of the walk, tooled edges.
8) Expansion Joint: Place a 1/2-inch fiber strip between the new sidewalk and existing sidewalk or structures.

Exposed Aggregate Finish Sidewalk

1) Follow guidelines for concrete sidewalk except finish.
2) For exposed aggregate sidewalk finish with retardant and gently wash off surface cement from the aggregate after an appropriate waiting period.

Brick Finish Sidewalk

1) Subgrade: Flat, dry and compacted subsoil
2) Gravel Base: Four (4) inches of compacted dense graded aggregate limestone
3) Forms: Wood or steel set to slope toward the street at a two (2) percent slope (1/4" / foot). The existing elevation of sidewalk and roadway will determine the elevation.
4) Width: Five-foot width, or equal to existing sidewalk if the same or wider, is preferred. Sidewalks may be reduced to a minimum four-foot width due to site constraints, as determined by the Village of New Concord.
5) Reinforcement: Steel mesh or rebar where walk crosses a driveway. These must be set 1-1/2 inch below the surface.

6) Concrete base: Four (4) inches of 3,500 psi concrete, six(6) inches over residential driveways, eight (8) inches over commercial driveways. Cure seven days before brick installation.
7) Concrete Finish: Hand float, tooled joints at a distance equal to the width of the sidewalk, tooled edges. Coordinate alignment with brick surface cut joints.
8) Expansion Joints: Place 1/2-inch polyethylene or pre-molded cellular elastomeric rod between the new sidewalk and existing sidewalk or structures. Along straight stretches place the joint every 16 feet. Coordinate with brick surface joints.
9) Brick Setting Bed: 3/8-inch minimum (1-inch maximum) Type M meeting ASTM C 270 mortar
10) Brick Paver Joint: 3/8-inch tooled with concave jointer.
11) Brick Paver: Light traffic; ASTM C 902; red or red blend color, or as approved by the Village. Lay in running bond or herringbone (at all corners), or as approved by the Village.
12) Joints: Cut contradiction joints in coordination with concrete base. Align expansion jointing, as specified above, with concrete base joints.