



## Residential Sidewalk & Driveway Replacement Design Specifications

### *GENERAL STANDARDS:*

1. All Portland cement concrete shall conform to Illinois Department of Transportation Class X; six bag mix concrete.
2. Where new concrete work meets or abuts any existing structures, the existing concrete shall be saw cut to a straight & clean edge and expansion material placed between the new & existing work.
3. Expansion material is also required between curb and new concrete drives, between new walk and existing drive and any other location where new concrete meets existing concrete.
4. Wire mesh is not required or recommended.
5. Pea gravel is not allowed as fill or base material
6. Sidewalk & driveway base material must be a minimum of 4 inches of tamped crushed stone.
7. Sidewalk depth must be a minimum of 4 inches of cement, 6 inches at driveway entrance.
8. Sidewalk width will be no less than 4 feet.
9. Concrete surface must have striking at 4 foot intervals.
10. All finished grades must match existing walk or drives and provide positive drainage.

**NOTE:** *Failure to comply with the specifications may result in denial of reimbursement.*

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#### **Police Department**

333 East First Street, Genoa, IL 60135  
(815) 784-6633 • Fax (815) 784-2951

#### **Municipal Center**

333 East First Street, Genoa, IL 60135  
(815) 784-2327 • Fax (815) 784-2988

#### **Public Works**

333 East First Street, Genoa, IL 60135  
(815) 784-2271 • Fax (815) 784-4271

CITY OF GENOA  
PERMIT TO CONSTRUCT

RESIDENTIAL SIDEWALK AND DRIVEWAY CONSTRUCTION AND REPLACEMENT

Resident or owners name: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Sidewalk location: \_\_\_\_\_

Phone: Home ( ) \_\_\_\_\_ Work ( ) \_\_\_\_\_

Total sq. ft. to be replaced: \_\_\_\_\_

(CITY INSPECTOR USE ONLY)

FIRST INSPECTION:

Sidewalk and driveway demolition, disposal of rubble and site preparation. A / D

Base material type \_\_\_\_\_ Depth of base material \_\_\_\_\_

NOTE: Base material must be tamped crushed stone, with a minimum depth of 4 inches.

Concrete forms: construction, placement and depth of concrete. A / D

DATE & TIME: \_\_\_\_\_ CITY INSPECTOR: \_\_\_\_\_

DISAPPROVED: \_\_\_\_\_

APPROVED: \_\_\_\_\_

FINAL INSPECTION:

Depth of Sidewalk: \_\_\_\_\_ Depth of Sidewalk at Drive: \_\_\_\_\_ Depth of approach: \_\_\_\_\_

NOTE: Concrete depth of sidewalk must be a minimum of 4 inches, 5 inches at drive.

Concrete depth of driveway and approach must be minimum of 6 inches.

Concrete surface condition, striking at 4 ft. intervals on sidewalks. A / D

Expansion joints at adjacent walk(s), drive or structures. A / D

Finished grade matches existing walk or drive and provides positive drainage. A / D

DATE & TIME: \_\_\_\_\_ CITY INSPECTOR: \_\_\_\_\_

DISAPPROVED: \_\_\_\_\_

APPROVED: \_\_\_\_\_

\*NOTE: Disapproval of any inspection may result in denial of reimbursement.

REASON FOR DISAPPROVAL: \_\_\_\_\_

REIMBURSEMENT RECOMMENDED: (APPLIES TO SIDEWALKS ONLY !!)

Yes \_\_\_\_\_ No \_\_\_\_\_

Signature of Inspector: \_\_\_\_\_

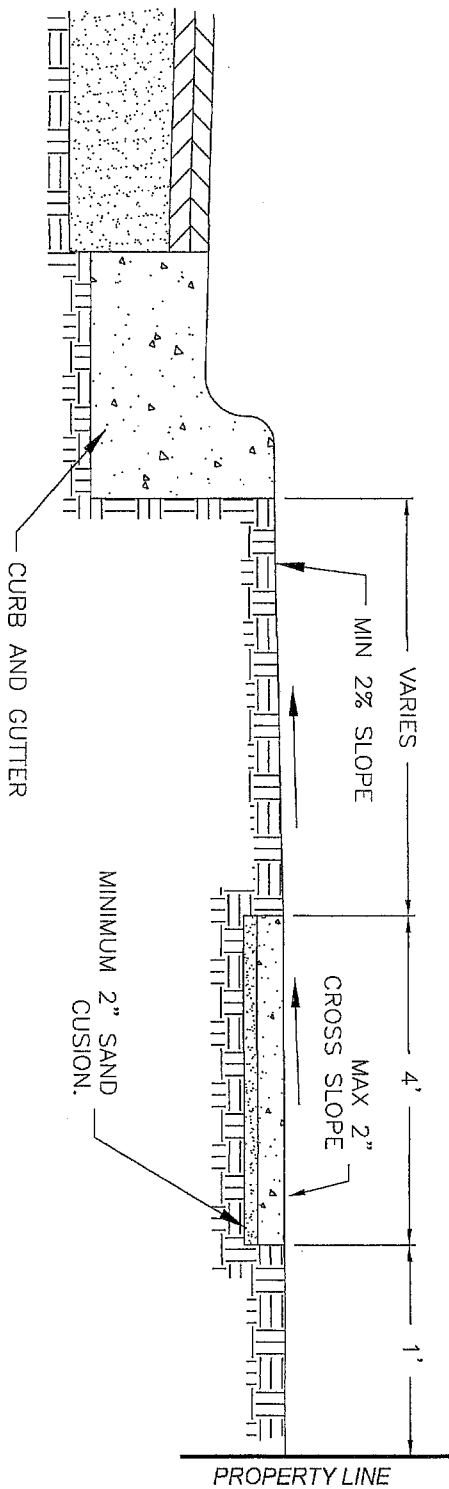
After final inspection, I have found the above work to meet all City specifications and to hereby recommend reimbursement.

REIMBURSEMENT APPROVED BY: \_\_\_\_\_

AMOUNT OF REIMBURSEMENT: \_\_\_\_\_

CITY INSPECTOR MUST BE NOTIFIED 24 HRS IN ADVANCE FOR EACH INSPECTION  
CALL 784-2271 TO SET APPOINTMENT

\*BE SURE CONTRACTORS ARE AWARE OF ALL SPECIFICATIONS !



NOTES:

1. THE CONCRETE SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 424 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THE CONCRETE SHALL CONFORM TO SECTION 1020 CLASS PV AND SHALL HAVE A 3-INCH SLUMP AND SHALL DEVELOP A MINIMUM OF 3,500 PSI COMPRESSIVE STRENGTH AT 14 DAYS.
3. SIDEWALK SHALL BE 4" THICK (MINIMUM). THE SIDEWALK PORTION OF THE DRIVEWAY SHALL BE 6" THICK.
4. NO CHLORIDE ADDITIVE WILL BE PERMITTED IN THE CONCRETE.
5. ALL SIDEWALKS MUST CONFORM TO THE AMERICANS WITH DISABILITIES ACT. THE MAXIMUM ALLOWABLE SLOPE IS 1:20.
6. TOOLED CONTROL JOINTS SHALL BE INSTALLED ON 5' CENTERS.
7. FIBER EXPANSION JOINTS SHALL BE INSTALLED AT 50' CENTERS MAX AND WHERE THE SIDEWALK ABUTTS CURB OR EXISTING SIDEWALK, AND AT THE END OF EACH POUR.
8. THE SIDEWALK SHALL HAVE A BROOM FINISH.

**SIDEWALK**

City of Genoa

Public Works Dept.  
100 Madison St.  
Genoa, Illinois 60135

Tel. 815-784-2327  
Fax 815-784-4271  
www.genoa-il.com