

CITY OF SALINA

REQUEST FOR CITY COMMISSION ACTION

DATE
10/05/2015

TIME
4:00 P.M.

AGENDA SECTION NO: 7	ORIGINATING DEPARTMENT: City Clerk's Office	FISCAL APPROVAL: BY: N/A
ITEM NO: 2 Page 1	BY: Shandi Wicks	FINAL APPROVAL: BY: JG

ITEM: Ordinance No. 15-10805

Second reading of Ordinance No. 15-10805 amending Chapter 35 Article VI entitled Driveways & Sidewalks and Chapter 31, Article VII, Division 1 of the Property Maintenance Code of the City of Salina pertaining to concrete work within rights-of-way.

Companion Item #1 – Resolution No. 15-7282 adopting “Specifications for Concrete Work”

Companion Item #2 – Resolution No. 15-7283 adopting “Sidewalk and Driveway Repair Criteria”

BACKGROUND:

Ordinance No. 15-10802 was passed on first reading on September 21, 2015. Since that time no comments have been received.

RECOMMENDED ACTION:

Ordinance No. 15-10805

Adopt on second reading Ordinance No. 15-10805 amending Chapter 35 Article VI entitled Driveways & Sidewalks and Chapter 31, Article VII, Division 1 of the Property Maintenance Code of the City of Salina pertaining to concrete work within rights-of-way.

Resolution No. 15-7282 adopting “Specifications for Concrete Work”

Staff has identified the following actions for the City Commissions consideration.

- 1) Approve Resolution No. 15-7282 as proposed.
- 2) Amend Resolution No. 15-7282 as the City Commissions deems appropriate.
- 3) Postpone consideration of Resolution No. 15-7282 and instruct staff regarding any additional information or revisions that the City Commission wishes to request.
- 4) Fail to approve Resolution No. 15-7282 resulting in the “Specifications for Concrete Work” not being in effect.

Staff recommends Option No. 1.

Resolution No. 15-7283 adopting “Sidewalk and Driveway Repair Criteria”

Staff has identified the following actions for the City Commissions consideration.

- 1) Approve Resolution No. 15-7283 as proposed.
- 2) Amend Resolution No. 15-7283 as the City Commissions deems appropriate.
- 3) Postpone consideration of Resolution No. 15-7283 and instruct staff regarding any additional information or revisions that the City Commission wishes to request.

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4) Fail to approve Resolution No. 15-7283 resulting in the "Specifications for Concrete Work" not being in effect.

Staff recommends Option No. 1.

ORDINANCE NUMBER 15-10805

AN ORDINANCE AMENDING CHAPTER 35, ARTICLE VI AND CHAPTER 31 ARTICLE VII. DIVISION 1. OF THE SALINA CODE PERTAINING TO CONCRETE WORK AND REPAIRS IN CITY RIGHTS-OF-WAY AND REPEALING EXISTING CHAPTER 35, ARTICLE VI OF THE SALINA CODE AND CHAPTER 31 ARTICLE VII. DIVISION 1.

Section 1. Amendment. Chapter 35 Article VI and Chapter 31, Article VII, Division 1. of the Salina Code are amended and restated, in its entirety, as follows:

ARTICLE VI. DRIVEWAYS AND SIDEWALKS

DIVISION 1. GENERALLY

Sec. 35-121. Definitions.

The following words and phrases, when used in this article, shall have the meanings respectively ascribed to them:

- (1) *Contractor* means a specialty right-of-way contractor licensed by the city to perform concrete construction within the public right-of-way as set forth in Chapter 8, Article III, Division 2 of this code.
- (2) *Corner* means the point of intersection of the property lines of a corner lot where two (2) streets intersect.
- (3) *Curb parking space* means a length of curb equal to twenty-two (22) feet where an automobile or other vehicle can park.
- (4) *Curb return* means that portion of a curb next to a driveway approach which includes the radius of curvature or the ramp-type lug on commercial or industrial type pavements and which connects the driveway approach to the street curb.
- (5) *Driveway* means a place on private property for the operation of automobiles and other vehicles.
- (6) *Driveway approach* means an area, construction or facility between the roadway of a public street and private property. For clarification, a driveway approach must provide access to something definite on private property such as a parking area, a driveway or a door at least seven (7) feet wide intended and used for the entrance of vehicles.
- (7) *Outside sidewalk line* means a line parallel to the property line lying along the edge of the sidewalk nearest the street roadway or curb; or, where no sidewalk exists, a line in the street right-of-way parallel to and six (6) feet from the line of the private property.
- (8) *Parcel of land* means a lot or lots, or tract officially registered under one ownership.

Sec. 35-122 Permit Required.

It shall be unlawful for any person to construct, reconstruct or rebuild any sidewalks, driveway approaches, curbing, guttering or any other concrete work within a right-of-way, unless such person has made application to the city engineer and obtained a right-of-way concrete permit.

Sec. 35-123 Exemptions from Right-of-Way Concrete Permit.

The following work shall be exempt from the right-of-way concrete permit requirements:

- (1) Work performed by any person working upon right-of-way adjoining any premises owned by an agency of the state or federal government;
- (2) Work performed by any person employed by the city as a part of their assigned job duties.
- (3) Work for the city under a contract with the city and for which regular performance, maintenance and statutory bonds are required by the city and furnished by the contractor for the specific work covered by any such contract.

Sec. 35-124. Fee.

The fee for issuance of a permit under this division shall be as prescribed in section 2.2.

Sec. 35-125. Permit application.

Any person desiring to obtain a right-of-way concrete permit shall submit to the city engineer, in writing on a form approved by the city manager and provided by the city engineer, all required information. In addition, the applicant may be required to provide other pertinent information as the city manager or city engineer may reasonably deem necessary. An application is considered complete when all materials necessary to make a determination on the application have been received.

Sec. 35-126. Who must obtain permits.

The permit shall be obtained by the contractor or by the contractor's duly authorized agent desiring to construct the driveway approach or sidewalk.

Sec. 35-127. Security required.

Before a permit shall be issued by the city engineer, the registrant shall file with the city clerk's office a corporate surety bond as outlined in Article XVII of Chapter 8.

Sec. 35-128. License, security prerequisite to permit.

No permit required by section 35-122 shall be issued to any person from whom a license and security is required until such license shall be issued and such security filed and approved.

Sec. 35-129. Issuance.

Permits hereunder shall be issued by the city engineer if the city engineer has determined that the contractor has complied with the terms of this article and such rules, regulations and specifications of the city engineer as shall be on file in the office of the city engineer and in the office of the city clerk.

Sec. 35-130. Term.

The right-of-way concrete work shall be completed within one hundred twenty (120) days after the date of issuance of a permit unless an alternate deadline has been specified by the city engineer as a condition of permit approval.

Sec. 35-131. Specialty Right-of-Way Contractor License Required

It shall be unlawful for any person to either perform, cause to perform, or obtain permits for concrete work within a right-of-way, unless such person has been licensed by the city as a specialty right-of-way contractor for the type of work being done as set forth in Chapter 8 Article III Division 2 of this Code, subject to the exemptions set forth in Section 35-132.

Sec. 35-132 Exemptions from Specialty Right-of-Way contractor licensing requirements.

The following work shall be exempt from the specialty right-of-way contractor licensing requirements:

- (1) Permits obtained and work performed on right-of-way adjoining a residential lot of a single-family dwelling or a single family attached dwelling being occupied as the exclusive dwelling of the owner, when the owner personally purchases and installs all material used in the construction, and adheres to all other provisions of this code.
- (2) Work performed by any person working upon right-of-way adjoining any premises owned by an agency of the state or federal government;
- (3) Work performed by any person employed by the city as a part of their assigned job duties.
- (4) Work performed by any person for the city under a contract with the city and for which regular performance, maintenance and statutory bonds are required by the city and furnished by the contractor for the specific work covered by any such contract.

Sec. 35-133. Plans and specifications adopted; filing; amendments.

The city engineer is authorized to develop plans and specifications for sidewalks, driveway approaches, curbing and guttering and other concrete work within a right-of-way designated as "Specifications for Concrete Work" which shall be subject to approval by the governing body by resolution.

Sec. 35-134. Supervision of work; rules; regulations authorized.

All work done under a permit issued in compliance with this article shall be under the direction and supervision of the city engineer in accordance with the Specifications for Concrete Work.

Sec. 35-135. Notice of completion of work; inspection; disapproval and correction; license revocation.

The contractor shall notify the city engineer of the completion of any work for which a permit has been issued hereunder. If the city engineer shall, upon inspection of any such completed work, find that such work has not been done in conformity with the plans and specifications for such work or the provisions of this code, the city engineer shall have the authority to order any changes in such work which may, in the opinion of the city engineer, be necessary, or may order the same removed and reconstructed.

Sec. 35-136. Compliance with plans and specifications.

All sidewalks, driveway approaches, curbing and guttering constructed, reconstructed or rebuilt in any of the streets or public grounds of the city shall be constructed of concrete in accordance with plans and specifications as to material and methods of construction to be furnished by the city engineer.

Sec. 35-137. Compliance with article required.

In addition to the rules, regulations and specifications promulgated by the city engineer with respect to driveway approaches or sidewalks, the following requirements shall be complied with in the work done under the provisions of this article.

Sec. 35-138. Approaches to be paved.

All driveway approaches shall be paved.

Sec. 35-139. Where driveway approaches prohibited.

It shall be unlawful for any person to construct, alter or extend, or permit to cause to be constructed, altered or extended, any driveway approach which can be used only as a parking space or area between the curb and private property.

Sec. 35-140. Location of driveway approach.

No portion of a driveway approach, including the curb return, shall be constructed within six and one-half (6 1/2) feet of a corner.

Sec. 35-141. Width of driveway approaches.

No driveway approach shall be less than eight (8) feet nor more than thirty (30) feet in width at the outside walk line; provided, that the city engineer shall be empowered to grant special exceptions to the above and foregoing limitations. The granting or denial of such special consent by the city engineer shall be predicated upon the calculated additional hazard to the general public as a consequence of allowing such exception in each particular case.

Sec. 35-142. Distance between driveway approaches.

There shall be not less than one curb parking space between any two (2) driveway approaches located on any parcel of land.

Sec. 35-143. Location of sidewalks.

- (a) Sidewalks shall be property line sidewalks or curb sidewalks.
- (b) A property line sidewalk is one whose inside edge is one (1) foot from the adjacent property line; or, in business districts, at the property line.
- (c) A curb sidewalk is one abutting the curb or curblines.
- (d) When a sidewalk exists on one side of a street between two (2) adjacent streets that cross or intersect it or in the case of a dead-end street, from the last street to the end of the dead-end street, all new sidewalk construction shall be located to conform with the existing sidewalk location.

Sec. 35-144. Protection of public; nonliability of city.

The owner and contractor shall protect the public from injury and/or damage during the construction of driveway approaches or sidewalks and it is herein stipulated as an essential condition of the issuance of a permit that the city shall not be liable for damage which may arise from the prosecution of the work.

Sec. 35-145. Procedure for sidewalks on petition of property owners.

- (a) Whenever a petition signed by persons owning not less than fifty (50) percent of the real estate abutting the proposed sidewalk construction paying for the construction of a sidewalk or sidewalks in the area proposed, is filed with the city clerk, the board of commissioners may, in its discretion, by resolution, order such sidewalk or sidewalks constructed.
- (b) The cost of all sidewalks constructed under the provisions of this section shall be assessed to the property abutting on such sidewalks.
- (c) When a sidewalk or sidewalks has or have been constructed and where special assessments must be levied for the expense thereof, the board of commissioners shall, as soon as the cost is ascertained, levy an assessment against the lots or pieces of land chargeable therefore, by ordinance, and the property owner shall have thirty (30) days after the publication of the ordinance within which to make full payment of the assessment. The city clerk shall mail a notice not less than fifteen (15) days prior to the end of the thirty (30) days to the owner of the property as shown on the records of the office of the register of deeds, but failure of the owner to receive notice shall not affect the validity of the assessment. The board of commissioners may issue bonds in the manner provided in the general bond law to finance the unpaid balance of any such special assessments.
- (d) The assessment for construction of such sidewalks shall be levied as provided for in K.S.A. 12-1811, 12-1812 and 12-1814; provided, that temporary notes may be issued during the construction of such sidewalks and before the issuance of sidewalk bonds.

Sec. 35-146. Violations.

Any person, whether acting for himself or as the agent, representative, employee, officer or member of any corporation or copartnership, who shall construct, reconstruct or rebuild any of the work mentioned in this article in violation of the provisions hereof or contrary to the plans and specifications for such work as provided for herein or who shall do any such work without securing a permit thereof as herein required, or who, when required by this article, shall do any such work without securing the license and filing the bond or bonds required by this article, or who shall otherwise violate any of the provisions of this article shall be deemed guilty of a misdemeanor.

Secs. 35-147--35-175. Reserved.

Section 2. Chapter 31, Article VII, Division 1 of the Salina Code is amended and restated, in its entirety, as follows:

Sec. 31-700. Plans and specifications adopted; filing; amendments.

The city engineer is authorized to develop plans and specifications for sidewalks, driveway approaches, curbing and guttering and other concrete repair within a right-of-way designated as "Sidewalk and Driveway Repair Criteria" which shall be subject to approval by the governing body by resolution.

Sec. 31-701. Maintenance required; removal and reconstruction.

Every sidewalk, driveway approach or recessed parking area located with a public right-of-way shall be maintained and kept in a safe condition by the owner of the property served thereby, and any such sidewalk, driveway approach or recessed parking area which shall not be so maintained and kept or which shall interfere with or obstruct the drainage carried by such street or the use of the street for the purpose of travel shall be repaired to conform with the specifications of this article and adopted plans and specifications.

Sec. 31-702. City Repairs.

The city engineer, or city clerk, after giving thirty (30) days' notice to the owner or his or her agent of the necessity therefore and failure of the property owner to perform said improvements may make all necessary repairs at any time. An account of the cost thereof shall be kept and reported to the governing body.

Secs. 31-703--31-799. Reserved.

Section 3. Repealer. That existing Article VI is hereby repealed.

Section 4. Summary of ordinance for publication. This ordinance shall be published by the following summary:

Ordinance No. 15-10805 Summary

On October 5, 2015, the City of Salina, Kansas, passed Ordinance No. 15-10801. The ordinance amends existing Chapter 35, Article VI and Chapter 31, Article VII, Division 1. of the Salina Code pertaining to concrete work and repairs in city rights-of-way and repealing existing Chapter 35, Article VI and Chapter 31m Article VII, Division 1 of the Salina Code. A complete copy of the ordinance is available at www.salina-ks.gov or in the office of the city clerk, 300 W. Ash Street, free of charge. This summary is certified by the city attorney.

Section 5. Effective Date. This ordinance shall be in full force and effect from and after its adoption and publication by summary once in the official city newspaper.

Introduced: September 21, 2015

Passed: October 5, 2015

Jon R. Blanchard, Mayor

[SEAL]
[ATTEST]

Shandi Wicks, CMC, City Clerk

Certification of Publication Summary:

Greg A. Bengtson, City Attorney

Draft

RESOLUTION NUMBER 15-7282

A RESOLUTION ADOPTING SPECIFICATIONS FOR CONCRETE WORK REFERENCED IN CHAPTER 35, SECTION 35-133 OF THE SALINA CODE TO ASSIST THE CITY MANAGER OR HIS DESIGNEE IN DEVELOPING PLANS AND SPECIFICATIONS FOR SIDEWALKS, DRIVEWAY APPROACHES, CURBING AND GUTTERING AND OTHER CONCRETE WORK WITHIN A RIGHT-OF-WAY.

WHEREAS, Chapter 35, Section 35-133 of the Salina Code delegates the authority of the governing body to the city manager or their designee to develop plans and specifications for sidewalks, driveway approaches, curbing and guttering and other concrete work within a right-of-way;

WHEREAS, Section 35-133 requires that the “Specifications for Concrete Work” shall be subject to approval by the governing body by resolution;

WHEREAS, the attached “Specifications for Concrete Work” would assist the city engineer in supervision of sidewalk, driveway approaches, curbing and guttering and concrete work with rights-of-way. **SO NOW THEREFORE**,

BE IT RESOLVED, by the governing body of the City of Salina, Kansas that:

Section 1. The attached “Specifications for Concrete Work” are adopted by the governing body as sufficiently specific criteria to be applied by the city engineer in supervision of sidewalk, driveway approaches, curbing and guttering and concrete work within rights-of-way.

Section 2. A copy of the attached standards shall be kept on file in the offices of the city clerk and the city engineer pursuant to Section 35-133.

Section 4. This resolution shall be effective upon its adoption.

Adopted by the Board of Commissioners and signed by the Mayor this 5th day of October, 2015.

By: _____

Jon R. Blanchard, Mayor

ATTEST:

Shandi Wicks, CMC, City Clerk

**SPECIFICATIONS FOR CONCRETE WORK
SALINA, KANSAS
(REVISED SEPTEMBER 2015)**

CONCRETE

Cement Content	-	6.5 sacks / cubic yard
Water, maximum	-	5.8 gallons / sack
Aggregate	-	30% crushed rock – 70% sand
Strength, minimum	-	4,000 p.s.i. in 28 days
Finish	-	Light broom finish
Curing time	-	3 days for pedestrian traffic 7 days for vehicular traffic
Reinforcing		
Approaches / Sidewalks	-	6x6-W1.4xW1.4 weighing 21 lb/ft ² welded wire fabric (driveway section only)
Curb & Gutter	-	#4 re-bars, 30” center to center, tied to concrete pavement

All construction shall be subject for inspection by the City Engineering Office shall be notified at least (4) hours prior to work. Concrete shall be protected by means of damp mats, burlap or use of an approved white (water or oil based) curing compound.

DRIVEWAY APPROACHES

Driveways shall be six (6) inches in thickness and constructed at right angles to the street. No driveway serving a commercial or industrial tract shall be permitted which necessitates backing of a vehicle onto the street.

On arterial, collector, residential streets where “No Parking” is marked, less than 22’ (may be allowed) between driveway ends of returns for residential homes upon the approval of the Engineer. No more than two (2) driveway approaches for a single tract shall be constructed on an arterial street.

Before placing concrete, the subgrade shall be thoroughly moistened. Concrete may not be deposited on frozen or muddy subgrade or when the ambient temperature is 40° F. or less without adequate frost protection. Concrete shall then be deposited between the forms in its full course and in one continuous operation. It shall then be thoroughly consolidated between the forms by means of vibrating screeds or internal vibrators, after which it shall be struck off and given an approved finish. All edges and expansion joints shall be edged with an edging tool. The use of a “Jitterbug” or similar device shall be prohibited.

Preformed expansion joint material, one-half inch thickness, shall be placed according to City of Salina Standard Details.

SIDEWALKS

All sidewalks shall be four (4) inches in thickness except through driveways where the thickness shall be increased to six (6) inches. All sidewalk sections that are six (6) inches in thickness, shall be reinforced with wire welded fabric. The wire shall be No. 10 wire in a size six (6) by six-(6) inch pattern (6x6-W1.4xW1.4) weighing 21 pounds per hundred (100) square feet. The sidewalk sections shall slope toward the top of the curb at a rate not to exceed one-quarter (1/4) inch per foot.

Expansion joints one-half (1/2) inch in thickness shall be placed at each side of each driveway, at distances not to exceed one hundred (100) feet, where new work joins old sidewalk, or other rigid structures of any kind.

No sidewalk may be removed from any property without being replaced by new sidewalk.

The width of proposed sidewalk shall match the existing sidewalk (minimum four (4) feet) width located within the block.

Any sidewalk that abuts and is parallel with a driveway approach must be constructed with a curb or other barrier to effectively separate the sidewalk from the driveway approach.

Control joints shall be formed at intervals not to exceed five (5) feet. Cutting entirely through the fresh concrete shall form the control joints (with a trowel after the initial set). All control, construction and expansion joints shall be rounded with an edging tool (1/4" to 3/8").

All sidewalk construction located on public right-of-way shall be accessible to the physically handicapped and shall be in compliance with the American Disability Act.

CURB & GUTTER

Preformed expansion joint material, one inch thickness, shall be placed wherever new work joins existing work, at the ends of all driveway, alley, and street returns where returns meet existing construction, and at intervals not to exceed one hundred and fifty (150) feet for all "straight runs." Expansion joint material shall be placed prior to placing of concrete and shall not protrude above finished grade. Unless directed by the Engineer all control joints shall be a five (5) feet.

All curb and gutter work located on public right-of-way at street intersections, driveways, etc. adjacent to a public sidewalk shall be constructed to provide an accessible route for the physically handicapped.

Along asphaltic pavement the existing toe shall be saw cut prior to removal to provide a clean match for new concrete work.

All street repairs shall be thoroughly consolidated by means of internal vibrators. For repair of concrete pavement, the repair shall be the same thickness as the existing pavement (min. six (6) inches). For repair of asphalt street surface, the concrete shall be placed two (2) inches below the top of the existing pavement. The top two (2) inches shall then be covered with a compacted hot asphaltic concrete rolled to form a smooth surface. Concrete shall not be placed at ambient temperature of 40° F. or less without adequate frost protection.

The Contractor shall notify the City Engineering office at least four (4) hours prior to placing any concrete for street repairs.

QUESTIONS & ANSWERS

Can I do my own work in the street right-of-way and do I need a permit? If you wish to place your own drive, sidewalk or curb and gutter in the City right-of-way, you must obtain a contractor or tradesman registration through the City Clerk's Office. A permit for each project is required through the Public Works Department, Engineering Division. The fee for the permit is found in the current City of Salina Comprehensive Fee Schedule. Once you have set your forms for placement of concrete, you need to call the Engineering Division for an inspection at least four (4) hours before placement. After your work is approved, you will be able to place and cure your concrete.

How do I cure my freshly placed concrete? Rolling or spraying of white or clear pigmented cure is acceptable.

Where is my sidewalk located on my property? If the sidewalk is a property line sidewalk, it should be located in the street right of way. The backside of the sidewalk should be located approximately one (1') inside the street right-of-way. If you live on a street with a 33' street (back to back) and have a road right-of-way of 60', the property line will be approx. 13' – 6" from the back of curb, the backside of the sidewalk will set approx. at 12' - 6".

My street has been asphalt overlaid into the existing curb and gutter. Should the toe of my new curb and gutter match the top of the asphalt or the old curb and gutter toe? Match the top of the asphalt; this will give you much smoother ride into the drive.

Why should I wet my subgrade before I place my concrete? Wetting the subgrade before placement of concrete will keep the newly placed concrete from losing the moisture it has into the dry subgrade. With the concrete moisture gone, it will weaken the concrete.

Should I provide barricades if I remove my curb and gutter, approach or sidewalk? Providing barricades will not only protect you against a law suit but will protect others from walking or driving into freshly placed concrete or the forms before placement.

Do I need to provide a sidewalk section through my drive if I live in a Cul-de-sac? No, due to the limited right-of-way in the cul-de-sac.

GENERAL NOTE

Combined curb and gutter or gutter adjoining concrete pavement may, at the contractor's option, be constructed in concrete or precast concrete using either the material used in the concrete pavement or Concrete Grade 3.0 (AE). The combined curb and gutter shall have the same section as shown on the plans. If constructed monolithically, the longitudinal joint and dowel bars shall be omitted from the combined curb and gutter or gutter. Pavement joints shall be constructed in the gutter and gutter or gutter or gutter are to be filled with the same material as used for the pavement joints.

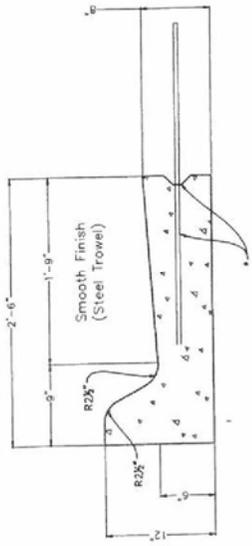
Expansion joints in the combined curb and gutter are to be placed opposite expansion joints in the pavement.

Where combined curb and gutter does not abut concrete pavement or concrete base course, omit tie bars and place a Preformed Expansion Joint Filler (Type B) or the equivalent in the gutter and curb returns. Planes of weakness shall be constructed at 10'-0" intervals.

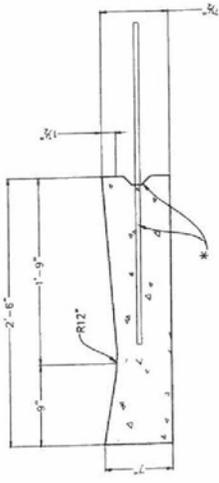
A 4' length of transition from normal gutter section to the lapped gutter section shall be provided. The gutter section shall be located so as not to fall within this transition section.

Where pressure relief joint is placed across the pavement, curb or gutter shall be installed with bonding adhesive through gutter section, shaped to fit gutter or curb and gutter. See Std. Drawing RD712 for expansion joint treatment where combined curb and gutter abuts a bridge wing on a U-type abutment - see bridge drawings.

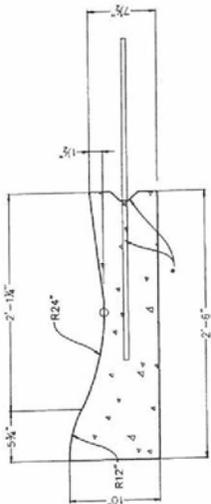
Longitudinal joints shall be sowed and sealed with joint sealant, see Standard Specifications. If constructed monolithically, the longitudinal joint is not required.



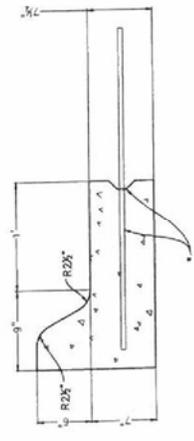
COMBINED CURB & GUTTER (TYPE I)
 Scale: N.T.S.



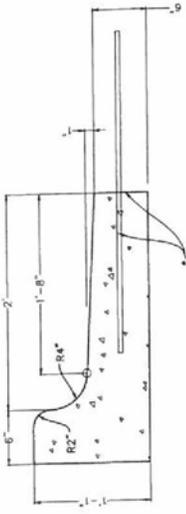
COMBINED CURB & GUTTER (TYPE II)
 Scale: N.T.S.



ROLLED CURB
 Scale: N.T.S.



COMBINED CURB & GUTTER (TYPE III)
 Scale: N.T.S.

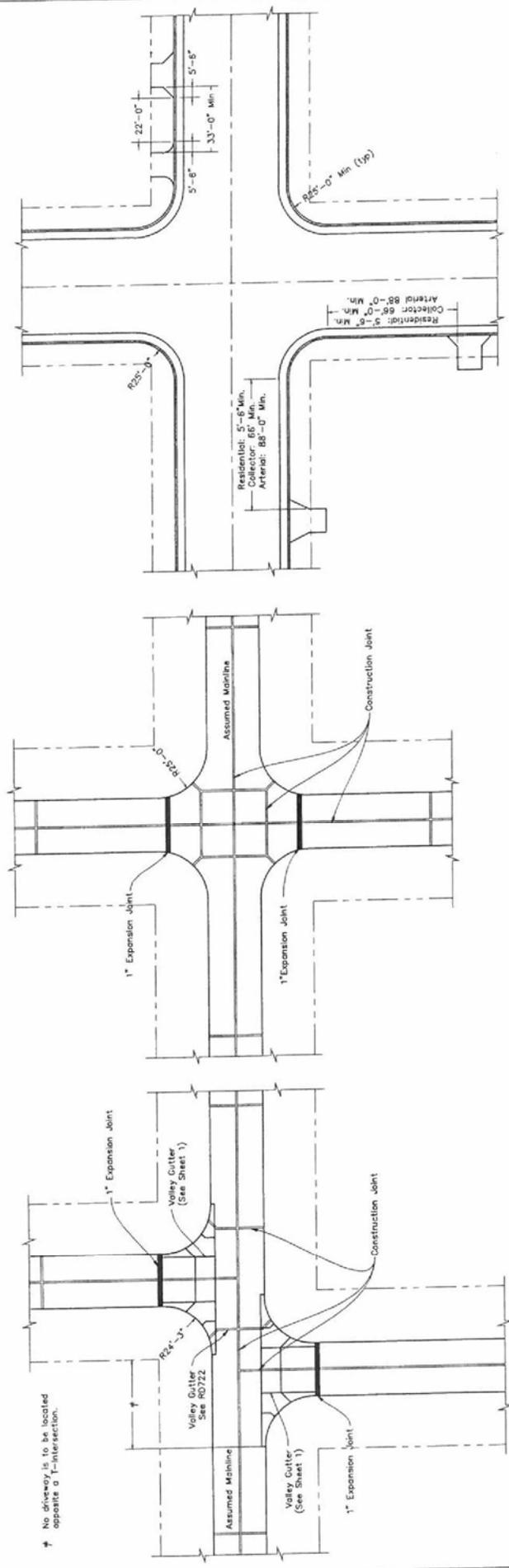


SPILL CURB
 Scale: N.T.S.

- Longitudinal construction joint and #4 x 3'-0" bars @ 2'-6" Centers.
- In monolithic construction the longitudinal joint is not necessary.

Note: All exposed edges shall be finished with an edging tool. Place a 1" Preformed Expansion Joint Filler (Nonextruding, Type B) at a spacing not to exceed 250'

DATE	REVISED
4/2015	2015 Standards



TYPICAL DRIVEWAY LAYOUT

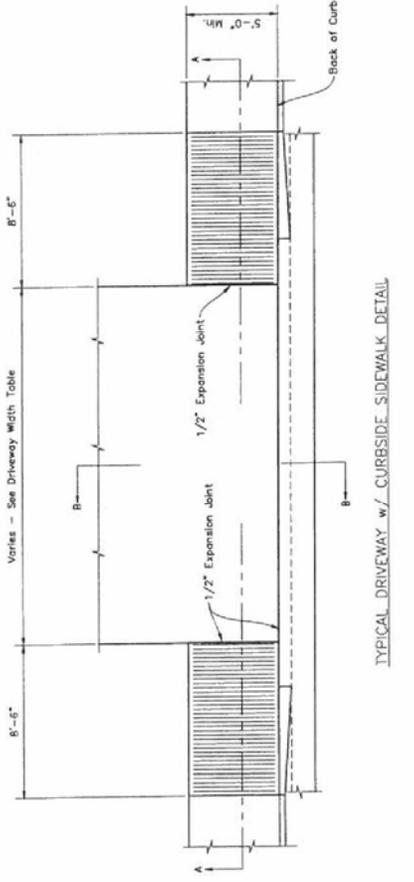
TYPICAL INTERSECTION PLAN

TYPICAL INTERSECTION PLAN

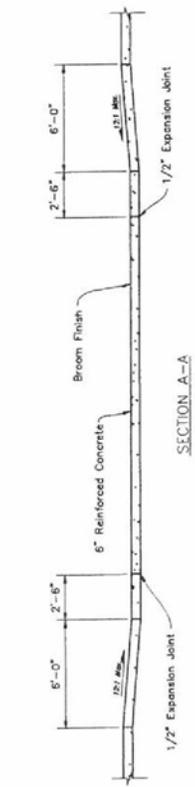
NOTES:
 Construction Joints Shall Have Tie Bars On 2'-6" Centers
 All Joints Not Otherwise Designated are Built Construction Joints (See Sheet 1)

CITY OF SALINA, KANSAS	
PUBLIC WORKS - ENGINEERING - UTILITIES	
STANDARD DETAILS	
TYPICAL INTERSECTION LAYOUTS	
PROJECT	DATE
DESIGNED BY	SCALE
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
	3

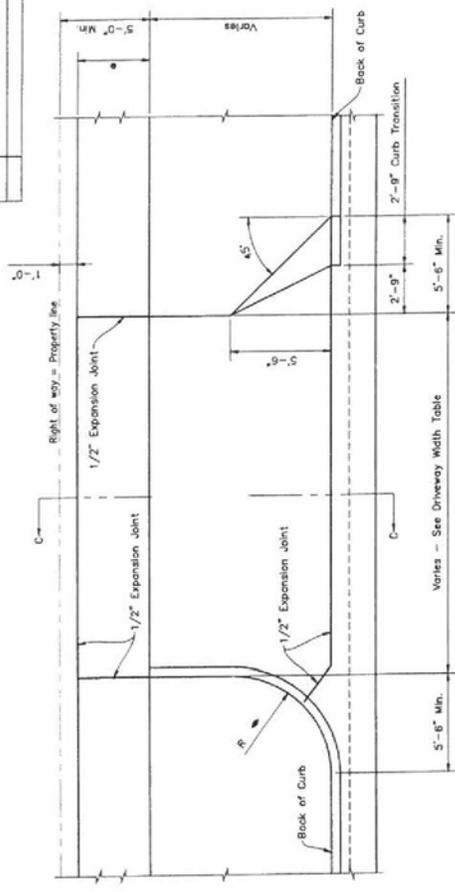
DATE	REVISED
9/2015	2015 Standards



TYPICAL DRIVEWAY w/ CURBSIDE SIDEWALK DETAIL

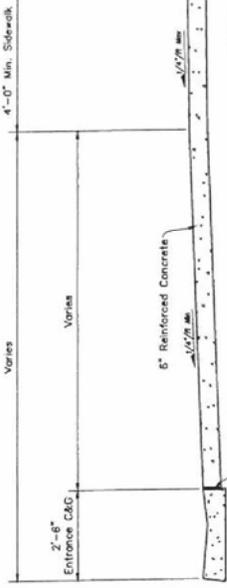


SECTION A-A



TYPICAL DRIVEWAY w/ PROPERTY LINE SIDEWALK DETAIL

Driveway Type	Radius
Scope Residential	5.5' Min.
Scope Commercial	5.5' Min.
Grade Residential	3' Min.



SECTION C-C

- GENERAL NOTES:**
- All driveway approach construction shall be subject to City inspection at all times by the City Engineer or his representative.
 - All driveway approach construction shall be placed normal to center line of roadway in a true and neat manner.
 - All driveway approach construction shall be no less than 5'-6" from adjacent property unless with written consent from adjacent property owner.
 - Before placement of concrete, the subgrade shall be thoroughly moistened. Concrete may not be placed on frozen or muddy subgrade or when ambient air temperature is 40°F or less without adequate frost protection.
 - All concrete within the right-of-way shall be placed with a minimum depth of 6" and reinforced with a minimum #306-10 (ASTM A618) of concrete. The surface shall be broom finished and protected against premature drying with white pigmented curing compound for a period no less than seven (7) days. (When the ambient air temperature is expected to remain at or above 40°F, the white pigmented curing compound will be substituted with thermal blankets).
 - Entrance and driveway pavements shall have a uniform thickness of 6" and reinforced with a minimum #306-10 (ASTM A618) welded wire reinforcement. (Approximate weight of welded wire mesh = 21 lbs. per 100 sq. ft.)
 - Expansion joints will be that of a preformed material, one half (1/2") thickness, and shall be placed wherever new work joins existing work, at ends of all driveway, alley and street returns where returns meet existing construction, and at intervals not to exceed one hundred fifty (150) feet for all straight runs.
 - Concrete Pavement shall be jointed w/ 1/8" wide, 1/3 depth, contraction joints not to exceed 10' x 10' slabs.

RESIDENTIAL DRIVEWAY WIDTH TABLE	
LOT WIDTH	MAXIMUM DRIVEWAY
50 ft or Less	20 ft
51 ft to 60 ft	24 ft
61 ft to 74 ft	30 ft
75 ft or Greater	36 ft

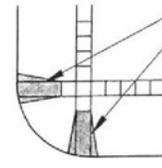
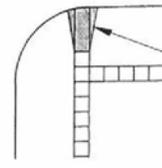
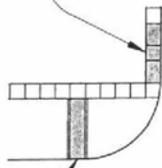
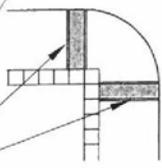
*with front facing attached 3 car garage or carport

Minimum Driveway Width = 8'-0"

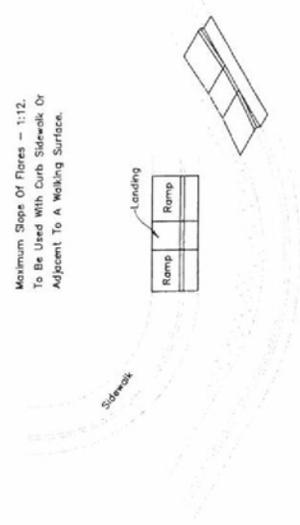
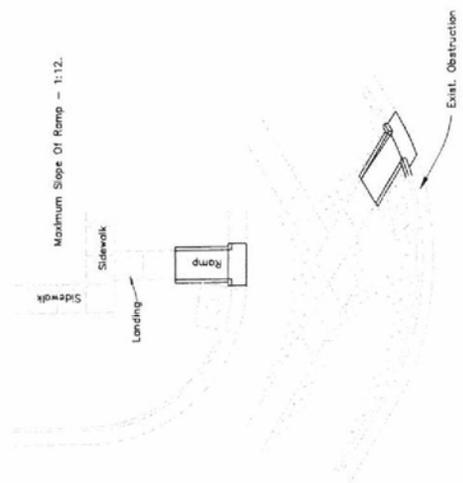
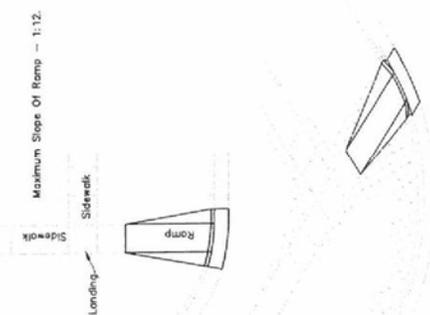
CITY OF SALINA, KANSAS	
PUBLIC WORKS - ENGINEERING - UTILITIES	
STANDARD DETAILS	
RESIDENTIAL DRIVEWAY	
Sheet No.	4

DATE	REVISED
4/15	2015 Standards

Type II Ramp



POSSIBLE SIDEWALK COMBINATIONS



TYPE I RAMP

TYPE II RAMP

TYPE III RAMP

CITY OF SALINA, KANSAS	
PUBLIC WORKS - ENGINEERING - UTILITIES	
STANDARD DETAILS	
TYPICAL SIDEWALK LAYOUTS	
DATE	6

RESOLUTION NUMBER 15-7283

A RESOLUTION ADOPTING SIDEWALK CONDEMNATION, RECONSTRUCTION, AND REPAIR STANDARDS REFERENCED IN CHAPTER 31, SECTION 31-700 OF THE SALINA CODE TO ASSIST THE CITY MANAGER OR HIS DESIGNEE IN DETERMINING WHETHER A SIDEWALK IS INADEQUATE OR UNSAFE TO TRAVEL REQUIRING RECONSTRUCTION, CONDEMNATION, OR REPAIR.

WHEREAS, Chapter 31, Section 31-700 of the Salina Code authorizes the city engineer to develop plans and specifications for sidewalks, driveway approaches, curbing and guttering and other concrete repair within a right-of-way;

WHEREAS, Section 31-700 requires that the “Sidewalk and Driveway Repair Criteria” shall be subject to approval by the governing body by resolution;

WHEREAS, the attached “Sidewalk and Driveway Repair Criteria” were prepared by the city engineer for the governing body’s review pursuant to Section 31-700;

WHEREAS, the attached “Sidewalk and Driveway Repair Criteria” are sufficiently specific criteria to delegate the authority of the governing body to the city manager or his designee to determine when a sidewalk becomes inadequate or unsafe to travel requiring maintenance, removal or reconstruction pursuant to Section 31-701; and

WHEREAS, the attached “Sidewalk and Driveway Repair Criteria” would assist the city engineer in determining the necessity of repairs according to K.S.A. 12-1808. **SO NOW THEREFORE**,

BE IT RESOLVED, by the governing body of the City of Salina, Kansas that:

Section 1. The attached “Sidewalk and Driveway Repair Criteria” are adopted by the governing body as sufficiently specific criteria to be applied by the city manager in determining whether a sidewalk is inadequate or unsafe to travel requiring condemnation and reconstruction pursuant to Section 31-700.

Section 2. The attached “Sidewalk and Driveway Repair Criteria” are adopted by the governing body to assist the city engineer and the public in determining when a sidewalk needs to be repaired.

Section 3. A copy of the attached standards shall be kept on file in the offices of the city clerk and the city engineer pursuant to Section 31-700.

Section 4. This resolution shall be effective upon its adoption.

Adopted by the Board of Commissioners and signed by the Mayor this 5th day of October, 2015.

By: _____

Jon R. Blanchard, Mayor

ATTEST:

Shandi Wicks, CMC, City Clerk

Draft

Sidewalk Condemnation, Reconstruction, and Repair Standards Pursuant to Salina Code Section 31-700

The following standards shall be used by the City Manager or his designee pursuant to Section 31-700 as a guide to determine if a sidewalk is in need of condemnation and reconstruction. The standards shall also be used by the City Engineer pursuant to K.S.A. 12-1808 to determine if a sidewalk is in need of repair.

Brick Sidewalk Defects

Bricks are missing, settled, or spalled resulting in excessive cross-slope, heaving, separation, cracking, etc. (Remedy: reset or replace)

Excess Cross-Slope

Exceeds 5/8" per foot or greater measured with width of sidewalk (Remedy: lift or replace)

Heaving or Settlements between Panels

Vertical deviation of the grade equal to 1-1/2" or more (Remedy: lift, reset, or replace)

Horizontal Separation

Gaps equal to 1-1/2" or greater (Remedy: fill or replace)

Linear Cracking

A single panel that is cracked into more than four individual sections or in such a manner that the sidewalk constitutes a danger to the public (Remedy: replace)

Missing Pavement

A sidewalk or driveway with any section missing to the full depth (Remedy: patch or replace)

Surface Defects or Spalling

Spalling or loose material over 33 percent of a single panel, including holes or depressions equal to or greater than 1/2 inch in depth or diameter (Remedy: patch or replace)

Vegetative Overgrowth

Grass or landscaping encroaching onto or through 33% of the concrete or brick sidewalk area (Remedy: remove vegetation to full width of sidewalk)

Vertical Separation

Trip hazard equal to 3/4 inch or greater (Remedy: grind, cut, lift, or replace)

Sidewalk & Driveway Repair Criteria Non-Compliant Guidelines

Brick Sidewalk Defects

Bricks are missing, settled, or spalled resulting in excessive cross-slope, heaving, separation, cracking, etc, further delineated below (Remedy: reset or replace)



Excess Cross-Slope

Exceeds 5/8" per foot or greater measured with width of sidewalk (Remedy: lift or replace)



Heaving or Settlements between Panels

Vertical deviation of the grade equal to 1 1/2" or more (Remedy: lift, reset, or replace)



Horizontal Separation

Gaps equal to 1 1/2" or greater (Remedy: fill or replace)



Linear Cracking

A single panel that is cracked into more than four individual sections or in such a manner that the sidewalk constitutes a danger to the public (Remedy: replace)



Missing Pavement

A sidewalk or driveway with any section missing to the full depth (Remedy: patch or replace)



Surface Defects or Spalling

Spalling or loose material over 33 percent of a single panel, including holes or depressions equal to or greater than 1/2 inch in depth or diameter (Remedy: patch or replace)



Vegetative Overgrowth

Grass or landscaping encroaching onto or through 33% of the concrete or brick sidewalk area (Remedy: remove vegetation to full width of sidewalk)



Vertical Separation

Trip hazard equal to 3/4 inch or greater (Remedy: grind, cut, lift or replace)

