

SUNNYBROOK LANE
W.L. CUSTER AVE. TO W.L. ST. PAUL AVE.
TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT

Diagram showing a cross-section of a 30-foot wide concrete pavement with a standard crown. The centerline is 30'-0" wide. The crown is parabolic, with a slope of 3/8" in 1'. The concrete is 6" thick (6 sack). The subgrade is as per city specifications. Key dimensions include 7'-6" for the parabolic curve and 8'-0" for the slope. A key joint (KEY JT.) is indicated. The diagram is symmetrical about the centerline.

TYPICAL SECTION WITH STANDARD CROWN

Diagram showing a cross-section of a 30-foot wide concrete pavement with an alternate crown. The centerline is 30'-0" wide. The crown is 2'-0" wide at the top. The concrete is 6" thick (6 sack). The subgrade is as per city specifications. Key dimensions include 14'-6" for the alternate crown and a slope of 0.0245 ft/ft. A key joint (KEY JT.) is indicated. The diagram is symmetrical about the centerline.

TYPICAL SECTION WITH ALTERNATE CROWN

Diagram showing the steel pattern for the standard crown. The pattern is 30'-0" wide and 4'-0" high. It is symmetrical about the centerline. The pattern is made of steel bars, with 6 bars throughout unless otherwise noted. The pattern is used to form the concrete pavement.

STEEL PATTERN

Diagram showing the steel pattern for the alternate crown. The pattern is 30'-0" wide and 4'-0" high. It is symmetrical about the centerline. The pattern is made of steel bars, with 6 bars throughout unless otherwise noted. The pattern is used to form the concrete pavement.

STEEL PATTERN

Diagram showing the integral curb section. The curb is 6" standard or 5" alternate. The slope is 1/4" in 12". The diagram is symmetrical about the centerline. See Note No. 1 and Note No. 2.

INTEGRAL CURB

Diagram showing the roll-type section. The diagram is symmetrical about the centerline. See Note No. 1 and Note No. 2.

ROLL-TYPE

STANDARD SECTIONS OF

Diagram showing the alternate roll-type section. The diagram is symmetrical about the centerline. See Note No. 1 and Note No. 2.

ALTERNATE ROLL-TYPE

Diagram showing the joint details. The diagram includes sections for CONTRACTION, EXPANSION, and KEY. The contraction joint is 3/8" wide by 2-1/2" deep, filled with specified joint sealing compound. The expansion joint is 3/4" expansion material, upper 1/2" to be filled with specified joint sealing compound. The key joint is 3/4" expansion material, upper 1/2" to be filled with specified joint sealing compound. The diagram is symmetrical about the centerline.

JOINT DETAILS

GENERAL NOTES

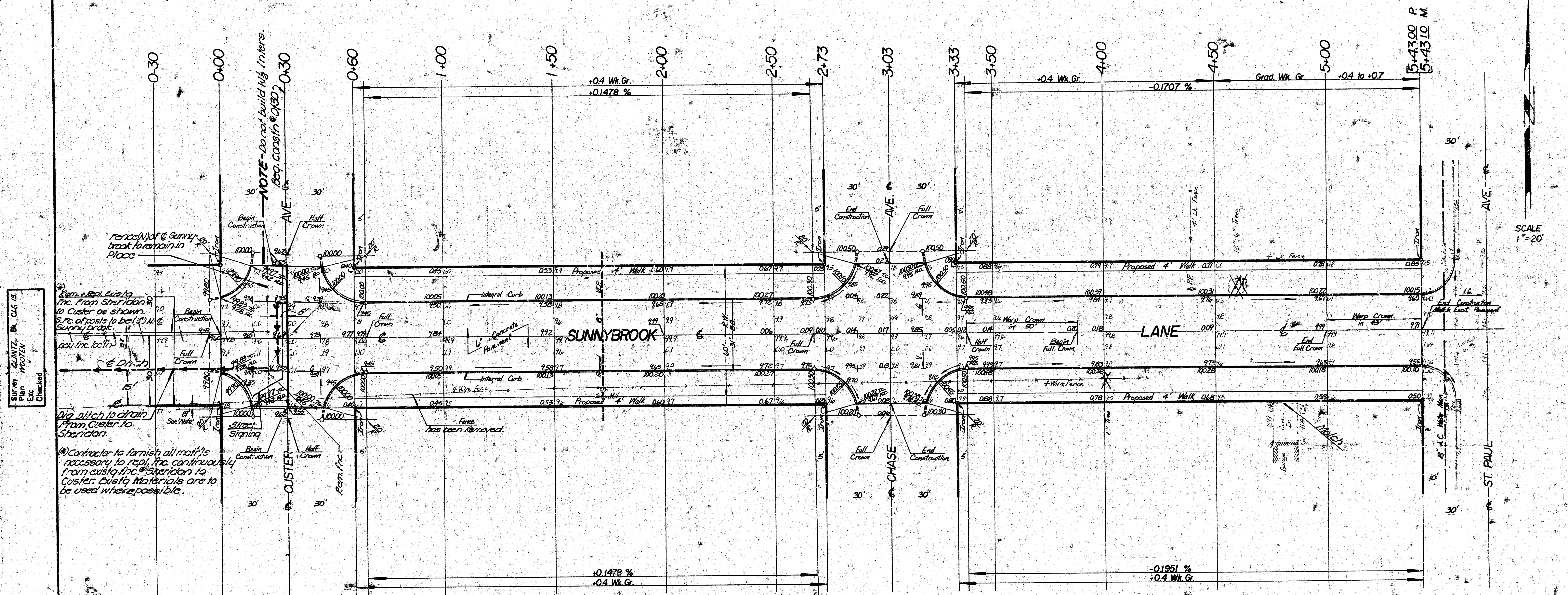
1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTEGRAL CURB BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND THROUGH THE CURB TO THE PAVEMENT. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10'.
2. INTEGRAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2'-6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.

Professional Engineer Seal for R.W. Linn, Kansas, License No. 3684.

CITY OF WICHITA, KANSAS
 Department of Public Works Engineering Division
 R.W. Linn City Engineer
 Date 1/10/1976 Project No. DAKS 575

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Baseline is South R. Sunnybrook Lane.
B.M. 99.85' 'x' Top Curb S. Ret., S.E. Cor. Sunnybrook & St. Paul.



MANIPULATION

<u>Property</u>	<u>City</u>
1551.0 sr.	527.9 sr.

NOTE: Iron At S.W. Cor. Of Sunnybrook & Custer Intersection Is 1.9' North Of Iron At S.E. Cor.

EARTHWORK QUANTITIES

Property		City ⁹¹¹	
Exc. = 240.6 cr	Comp. Fill = 90.7 cr	Exc. = 91.1 cr	Comp. Fill = 6.0 cr
+10% = 24.1 cr	+10% = 9.1 cr	+10% = 9.1 cr	+10% = 0.6 cr
<u>Total = 264.7 cr</u>	<u>Total = 99.8 cr</u>	<u>Total = 100.2 cr</u>	<u>Total = 6.6 cr</u>

Trees to be Removed are Marked thus 
Except that any Tree Which in the Opinion
of the Field Engineer can be Saved Shall be Saved.

SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT OR FLY ASH, SUB-GRADE MODIFICATION OR ANY COMBINATION OF THESE.

NOTE TO FIELD ENGINEER & CONTRACTOR
Clear parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area, to be constructed by "OTHERS".

SUNNYBROOK LANE

W.L. CUSTER AVE. TO W.L. ST. PAUL AVE.
31' CONC. B-B w/ INT. CURB

CITY OF WICHITA, KANSAS

R. W. LINN CITY ENGINEER
PROJECT NO. DAKS 575038
DATE: Nov. 1976 2/2

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