

DOUGHERTY AVE.
N.L. 12TH ST. TO S.L. 3TH ST.
TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT

This diagram shows a cross-section of a 30-foot wide concrete pavement with a standard crown. The subgrade is 1 foot wide on the left and 2 feet wide on the right. The pavement is 6 inches thick concrete (6 sack). The crown is parabolic, with a 7-foot-6 inch width at the top and a 3/8 inch slope. The subgrade is as per city specifications. The diagram includes dimensions for the concrete thickness, subgrade width, and the parabolic curve.

TYPICAL SECTION WITH STANDARD CROWN

This diagram shows a cross-section of a 30-foot wide concrete pavement with an alternate crown. The subgrade is 1 foot wide on the left and 2 feet wide on the right. The pavement is 6 inches thick concrete (6 sack). The crown is alternate, with a 2-foot-0 inch rounding and a 1/4 inch slope. The subgrade is as per city specifications. The diagram includes dimensions for the concrete thickness, subgrade width, and the alternate crown.

TYPICAL SECTION WITH ALTERNATE CROWN

This diagram shows the steel pattern for the standard sections. It is a rectangular pattern with a width of 30 feet and a height of 4 feet. The pattern is symmetrical about the center. It includes dimensions for the concrete thickness, subgrade width, and the parabolic curve. The pattern is labeled "STEEL PATTERN" and "SYMMETRICAL ABOUT C".

STEEL PATTERN

This diagram shows the steel pattern for the alternate sections. It is a rectangular pattern with a width of 30 feet and a height of 4 feet. The pattern is symmetrical about the center. It includes dimensions for the concrete thickness, subgrade width, and the alternate crown. The pattern is labeled "STEEL PATTERN" and "SYMMETRICAL ABOUT C".

STEEL PATTERN

STANDARD SECTIONS OF

This diagram shows the detail of an integral curb. It is a cross-section of a curb with a width of 12 inches and a height of 6 inches. The curb is 6 inches thick concrete (6 sack). The diagram includes dimensions for the curb width, height, and thickness.

INTEGRAL CURB

This diagram shows the detail of a roll-type curb. It is a cross-section of a curb with a width of 12 inches and a height of 6 inches. The curb is 6 inches thick concrete (6 sack). The diagram includes dimensions for the curb width, height, and thickness.

ROLL-TYPE

This diagram shows the detail of an alternate roll-type curb. It is a cross-section of a curb with a width of 12 inches and a height of 6 inches. The curb is 6 inches thick concrete (6 sack). The diagram includes dimensions for the curb width, height, and thickness.

ALTERNATE ROLL-TYPE

This diagram shows the details of the joints. It includes a cross-section of a contraction joint, an expansion joint, and a key joint. The contraction joint is 3/8 inch wide by 2-1/2 inch deep, filled with a joint sealing compound. The expansion joint is 1/2 inch wide by 2-1/2 inch deep, filled with a joint sealing compound. The key joint is 1/2 inch wide by 2-1/2 inch deep, filled with a joint sealing compound. The diagram includes dimensions for the joint width, depth, and thickness.

JOINT DETAILS

GENERAL NOTES

1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTEGRAL CURB BY SAWING WITH AN APPROPRIATE 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'-0" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.

CITY OF WICHITA, KANSAS

Department of Public Works

R.W. Linn

Date:

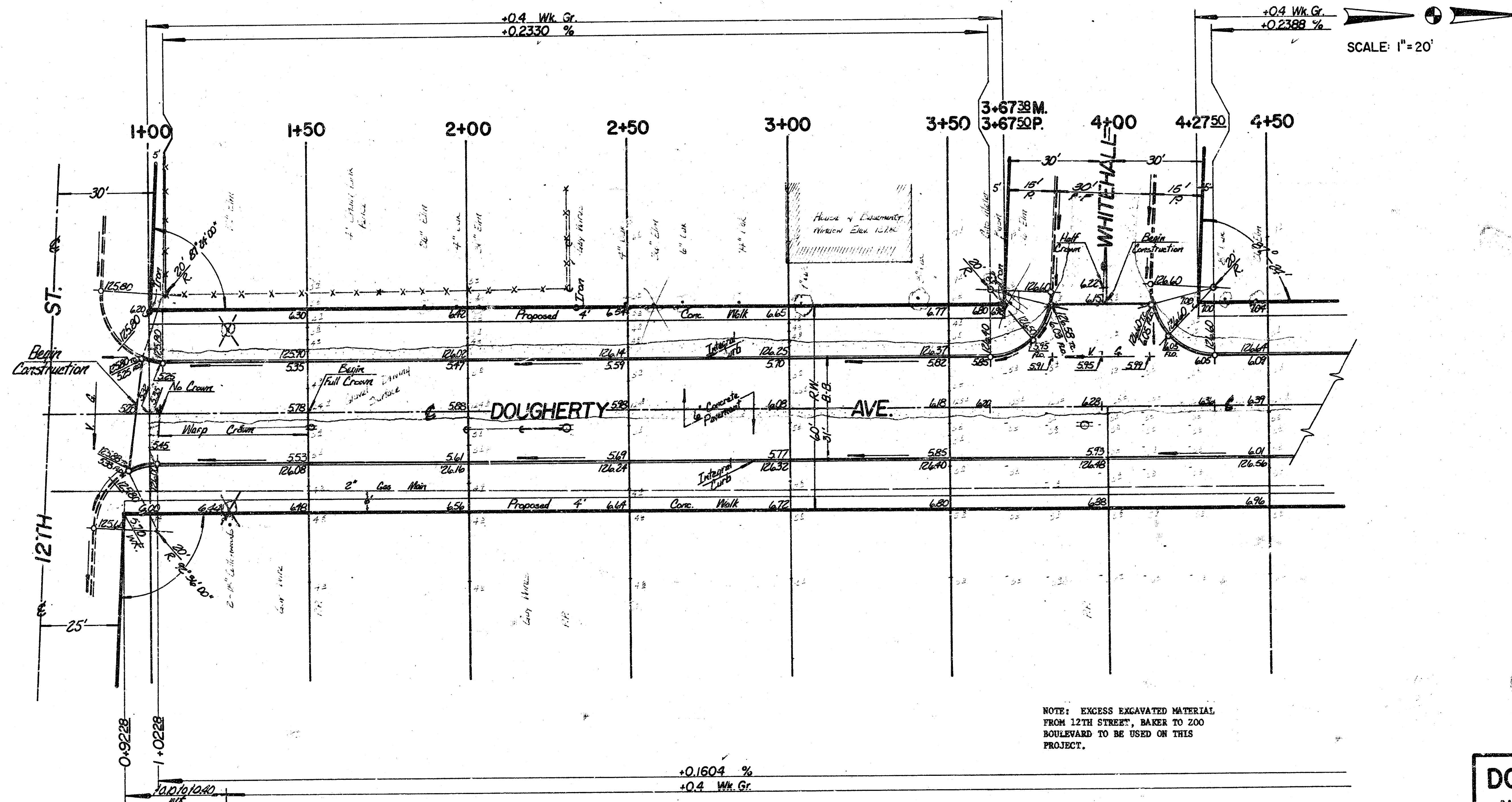
Engineering Division

City Engineer

Project No. DAKS574074

B.M. 126.93 CITY STD. 26' E. & 32' S. OF C.L. OF 13TH & BAKER
 B.M. 132.73 "□" TOP OF CB. N-END MEDIAL ON C.L. ZOO BLVD. SO. OF 13TH
 B.M. 125.88 "□" S-FACE E-W WALK SO. SIDE 12TH ST. AT W.L. DOUGHERTY
 B.M. 128.79 N.W. COR. CONC. PORCH AT 4503 WHITEHALL

℄ IS ℄ OF DOUGHERTY



Manipulation
 Property City
 20625 sr. 1758 sr.

X = Tree Removal
 X = Tree Removal To Be
 Decided By Engineer

Property		City	
Excavation = 389 c.y.	Comp. Fill = 2601 c.y.	Excavation = 836 c.y.	Comp. Fill = 22 c.y.
+10% = 39 c.y.	+10% = 260 c.y.	+10% = 84 c.y.	+10% = 2 c.y.
Total = 428 c.y.	Total = 2861 c.y.	Total = 920 c.y.	Total = 24 c.y.

Earthwork Quantities

NOTE: EXCESS EXCAVATED MATERIAL
 FROM 12TH STREET, BAKER TO 200
 BOULEVARD TO BE USED ON THIS
 PROJECT.

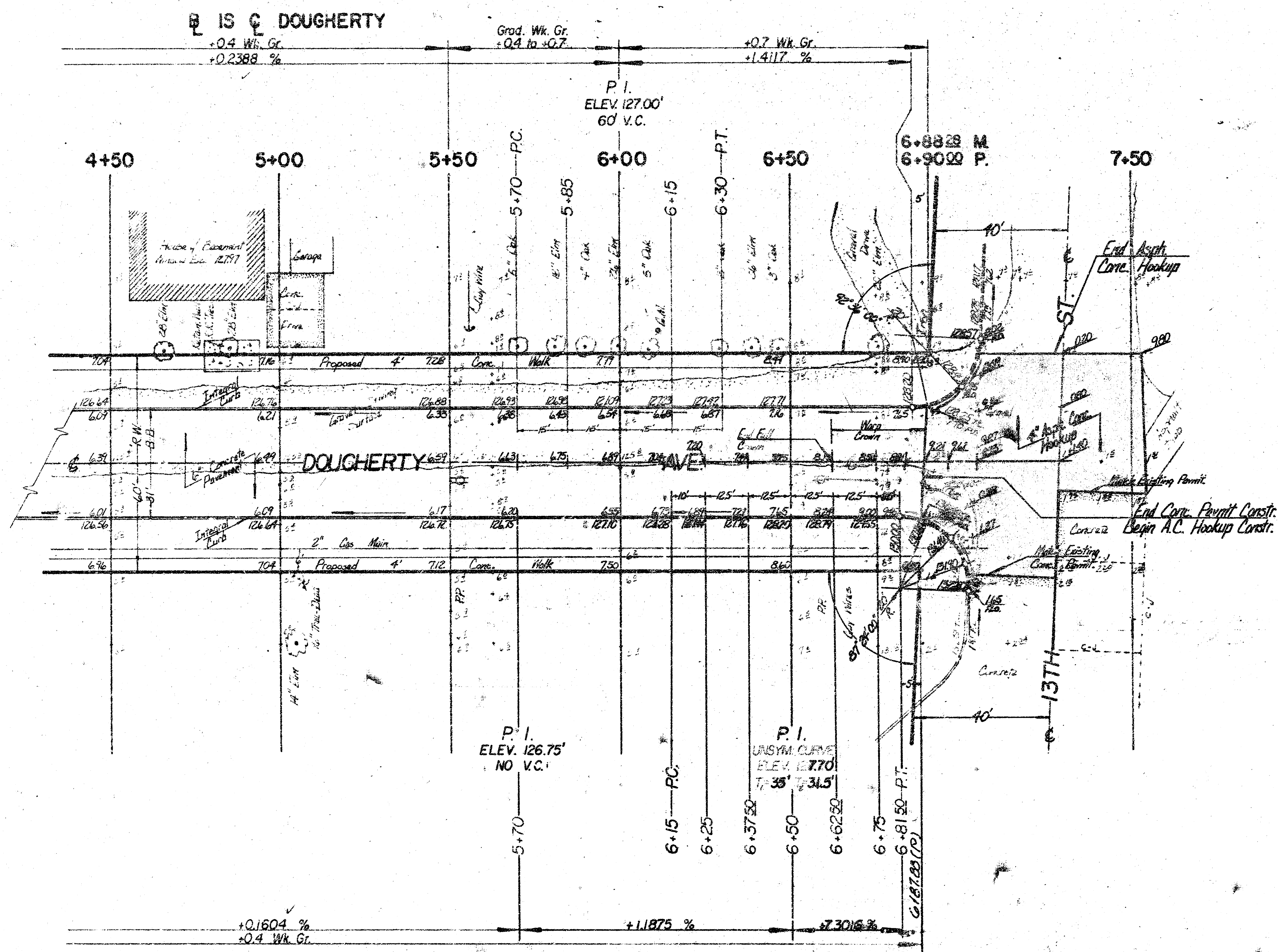
SUB-GRADE
 TYPE OF SUB-GRADE TREATMENT SHALL BE DE-
 TERMINED BY THE FIELD ENGINEER. SUB-GRADE
 TREATMENT SHALL CONSIST OF LIME TREATMENT,
 CEMENT TREATMENT, SUB-GRADE MODIFICA-
 TION, OR ANY COMBINATION OF THESE.

THE CITY ENGINEER & CONTRACTOR
 shall verify and clear right-of-way for pro-
 posed sidewalk. Compact fill in sidewalk area
 to be constructed by "OTHERS".

DOUGHERTY AVE.
 N.L. 12TH ST. TO S.L. 13TH ST.
 30' CONC. W/ INT. CB. (6")
 CITY OF WICHITA, KANSAS
 R.W. LINN—CITY ENGINEER
 DATE: _____
 PROJ. NO. DAKS574074

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B.M. 126.93 CITY STD. 26' E & 32' S. OF C.L. 13TH & BAKER.
 B.M. 132.73 "□" TOP OF CB. N-END MEDIAL ON C.L. ZOO BLVD. SO. OF 13TH.
 B.M. 128.79 N.W. COR. CONC. PORCH AT 4503 WHITEHALL.
 B.M. 125.88 "□" S-FACE E-W WALK SO. SIDE 12TH ST. AT W.L. DOUGHERTY.



SCALE: 1"=20'

SUBGRADE
 TYPE OF SUBGRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUBGRADE TREATMENT SHALL BE ONE OF LIME TREATMENT, CEMENT TREATMENT, OR SUBGRADE MODIFICATION. THE SELECTION OF THESE

NOTE TO FIELD ENGINEER & CONTRACTOR
 Grade existing and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area. TO BE CONSTRUCTED BY OTHERS.

DOUGHERTY AVE. (3/B)
 PROJ. NO. DAKS574074

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