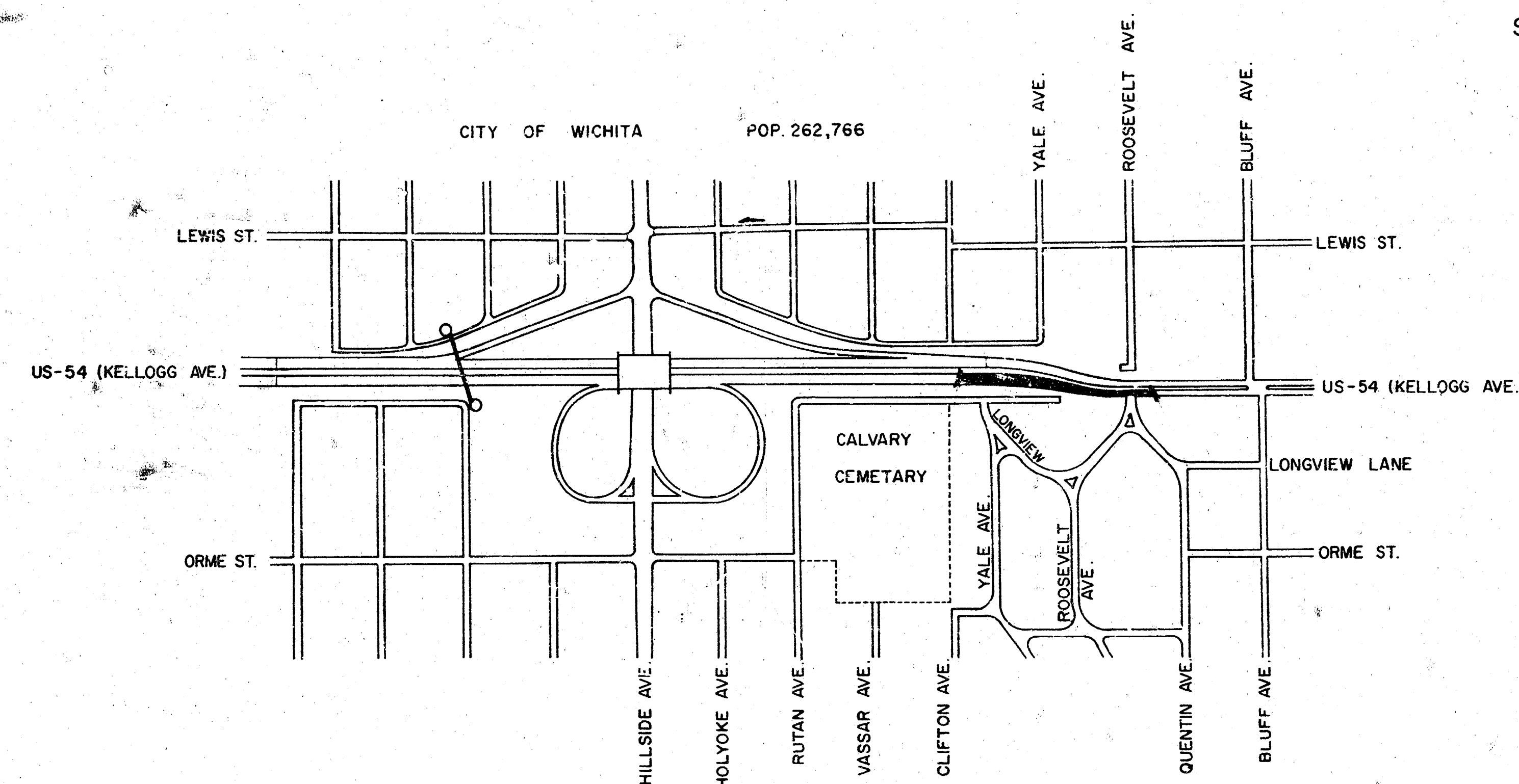
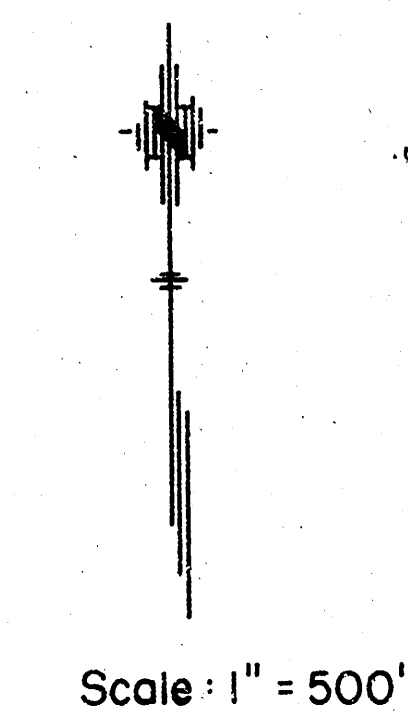


INDEX OF SHEETS

STATE OF KANSAS
DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT
SEDGWICK COUNTY
US-54

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87-40729-01	1981		

GRADING
SURFACING



NOTE: TRAFFIC TO BE CARRIED
THROUGH CONSTRUCTION

DESIGN DESIGNATION

Sta. 103+22.57 BEGIN
Proj. 54-87-40729-01 =
30' k. Sta. 103+22.57 on
Proj. (Ec) 54-87-K-038-3(48)

Sta. 111+53.06 END
Proj. 54-87-40729-01

CONVENTIONAL SIGNS

COUNTY LINE	=====	RETAINING WALL	=====
CORPORATE LIMITS	=====	CENTER LINE OF PROJECT	=====
STATE OR NATIONAL LINE	=====	LEVEE	=====
TOWNSHIP LINE	=====	CULVERTS	=====
SECTION LINE	=====	DROP INLETS	=====
GRANT LINE	=====	ACCESS CONTROL	=====
FENCE LINE	=====	POWER LINE	=====
GUARD FENCE	=====	TELEPHONE OR TELEGRAPH LINE	=====
UNFENCED PROPERTY	=====	MARSH	=====
RIGHT OF WAY LINE	=====	HEDGE	=====
TRAVELLED WAY	=====	TREES	=====
RAILROADS	=====	GRADE ELEVATION	=====

GROSS LENGTH OF PROJECT 830.49 FT.

EXCEPTIONS

ADDITIONS

NET LENGTH OF PROJECT 830.49 FT. 0.157 MILES
NET LENGTH OF BRIDGES 0.00 FT. 0.000 MILES
NET LENGTH OF ROAD 830.49 FT. 0.157 MILES

RECOM. FOR APPROVAL - DATE
ENGINEER OF DESIGN KANSAS DEPARTMENT OF TRANSPORTATION
APPROVED - DATE
STATE TRANSPORTATION ENGINEER KANSAS DEPARTMENT OF TRANSPORTATION

RECOM. FOR APPROVAL - DATE
ENGINEER FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION
APPROVED - DATE
DIVISION ADMINISTRATOR FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION

Surveyed - R.A. Irwin
Plotted - L. Madrid
Designed - K.E. Segelquist
Signed - K. Naylor

PI Sta. 109+19 $\Delta=14^{\circ}19'13''$ Lt.
 1. Spk. & K.D.O.T. Wshr. @ P.I. (2" deep)
 2. & top curve sign po. 50.60 ENE
 3. & top curve sign po. 36.25 W.N.W.

PI Sta. 110+49.75 $\Delta=0^{\circ}21'28''$ Lt.
 PI is 18' Lt. E.B. Lane Sta. 110+46.07 on
 Proj. 54-87-038-3(48) 1975
 1. Bent Spk. & K.D.O.T. Wshr. @ P.I.
 (top spk. over point)
 2. & "D" cut @ point of curb = BM#42 3.80 NW
 3. S.E. corner conc. barrier 3.80 ESE

Curve Data
 (E.N. Conc. Safety Barrier)
 $\Delta=5^{\circ}36'53''$ $L=223.12$
 $D=2^{\circ}39'50''$ $T=111.65'$
 $R=2,276.83$ $E=2.74'$

POT. Sta. 110+84.69 = Sta. 50+00 on
 T.W. Roosevelt St. Rt. SE. $\Delta=89^{\circ}53'21''$
 1. 1/2" Rebar @ POT. (buirod 3")
 2. & Top fire hydrant 47.30 NNE
 3. & Top Steel cor. fc. po. 42.70 NNW

PI Sta. 110+13.10 = +12.75 Ah. =
 17.69' Rt. & Sta. 110+20.00
 $\Delta=7^{\circ}00'24''$ $L=280.27'$
 $D=2^{\circ}30'$ $T=140.31'$
 $R=2,291.83'$ $E=4.23'$

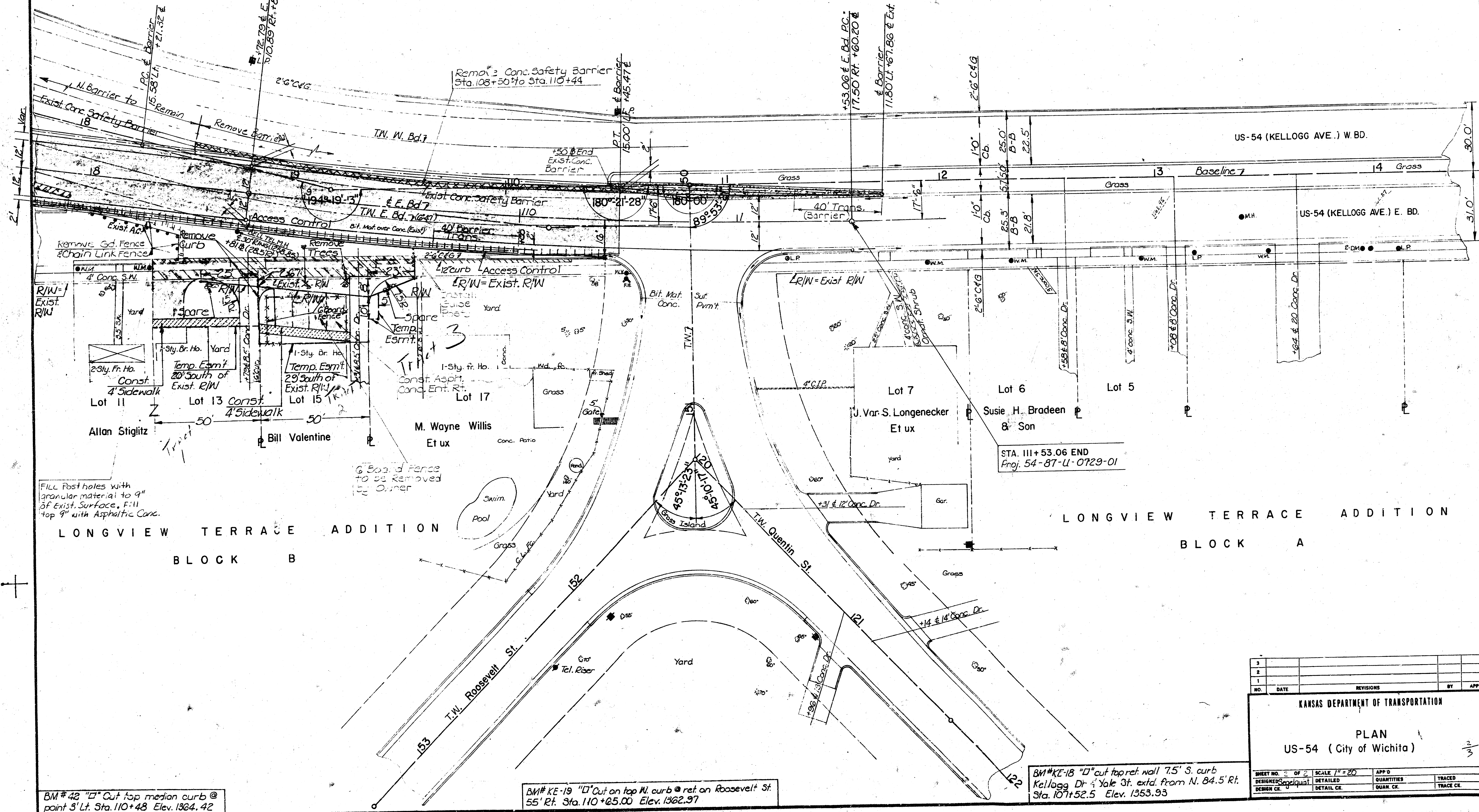
POT. Sta. 50+00 = POT. Sta. 110+84.69
 S.E. $\Delta=89^{\circ}53'21''$
 1. 1/2" rebar @ POT. (buirod 3")
 2. & top fire hydrant 47.30 NNE
 3. & top Steel cor. fc. po. 42.70 NNW

POT. Sta. 53+32 on Roosevelt St.
 1. Spk. & K.D.O.T. Wshr. @ POT. (in conc. pvm't)
 2. Anchor bolt, deadman, @ ground 21.20 E
 3. Anchor bolt, deadman, @ ground 46.55 NNE

PI Sta. 51+19.90 = Sta. 20+00 @ Quentin St. Lt.
 $\Delta=45^{\circ}13'23''$ Rt. on Roosevelt St.
 1. 1/2" rebar @ P.I. (5" deep)
 2. & top fire hydrant 86.50 NNW
 3. Anchor bolt, Deadman, @ ground 56.85 SSW
 4. Back curb @ return 21.50 ESE

POT. Sta. 21+63.52 on Quentin St.
 1. Spk. & K.D.O.T. Wshr. in conc. pvm't @ POT.
 2. Curb ret. @ back curb 30.65 N
 3. & 24" dia. C.I. Sewer M.H. 22.50 W

CITY	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
WICHITA	KANSAS	54-87-038-3(48)	1975	19	



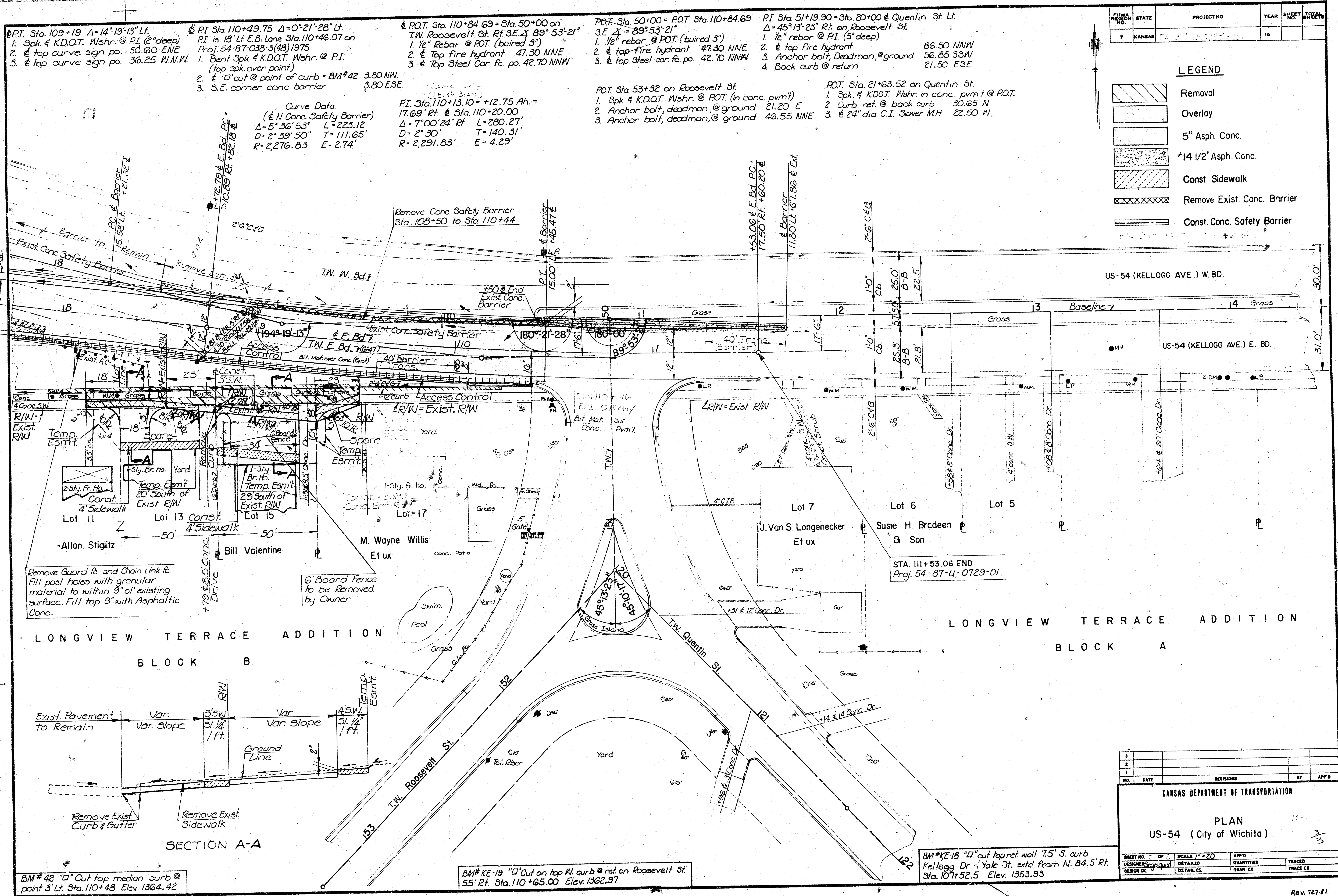
BM#42 "D" Cut top median curb @ point 3' Lt. Sta. 110+48 Elev. 1364.42

BM#42-19 "D" Cut on top N. curb @ ret. on Roosevelt St. 55' Rt. Sta. 110+25.00 Elev. 1362.97

BM#42-18 "D" cut top ret. wall 7.5' S. curb Kellogg Dr. & Yale St. extd. from N. 84.5' Rt. Sta. 107+52.5 Elev. 1353.93

NO.	DATE	REVISIONS	BY	APP'D
1				
2				
3				

KANSAS DEPARTMENT OF TRANSPORTATION			
PLAN			
US-54 (City of Wichita)			
SHEET NO. 2 OF 2	SCALE 1" = 20'	APP'D	TRACED
DESIGNED/Checked	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.



PI. Sta. 109+19 Δ=14°19'13" Lt.
1. Spk. & K.D.O.T. Wshr. @ PI (2" deep)
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3. & top curve sign po. 36.25 W.N.W.

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PI is 18' Lt. E.B. Lane Sta. 110+46.07 on
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1. Bent Spk. & K.D.O.T. Wshr. @ PI.
(top spk. over point)
2. & 'D' cut @ point of curb = BM#42 3.80 NW
3. S.E. corner conc. barrier 3.80 ESE

Curve Data
(& N. Conc. Safety Barrier)
Δ=5°36'53" L=223.12
D=2°39'50" T=111.65'
R=2,276.83 E=2.74'

PI. Sta. 110+84.69 = Sta. 50+00 on
T.W. Roosevelt St. Rt. SE Δ=89°53'21"
1. 1/2" Rebar @ POT. (buried 3")
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3. & Top Steel Cor. Fe. po. 42.70 NNW

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SHEET NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87-038-3(48)	1975		

LEGEND

- Removal
- Overlay
- 5" Asph. Conc.
- 14 1/2" Asph. Conc.
- Const. Sidewalk
- Remove Exist. Conc. Barrier
- Const. Conc. Safety Barrier

SECTION A-A

Remove Guard Fe. and Chain Link Fe.
Fill post holes with granular material to within 9" of existing surface. Fill top 9" with Asphaltic Conc.

Remove Exist. Curb & Gutter

Remove Exist. Sidewalk

BM#42 "D" Cut top median curb @ point 3' Lt. Sta. 110+48 Elev. 1364.42

BM#KE-19 "D" Cut on top W. curb @ ret. on Roosevelt St. 55' Rt. Sta. 110+65.00 Elev. 1362.97

BM#KE-18 "D" Cut top ret. wall 7.5' S. curb Kellogg Dr. & Yale St. extd. from N. 84.5' Rt. Sta. 107+52.5 Elev. 1353.93

LONGVIEW TERRACE ADDITION BLOCK A

LONGVIEW TERRACE ADDITION BLOCK B

US-54 (KELLOGG AVE.) W. BD.

US-54 (KELLOGG AVE.) E. BD.

T.W. Roosevelt St.

T.W. Quentin St.

Lot 11 Allan Stiglitz

Lot 13 Bill Valentine

Lot 15 M. Wayne Willis Et ux

Lot 17 J. Van S. Longenecker Et ux

Lot 6 Susie H. Bradeen & Son

Lot 5

STATIONING: STA. 111+53.06 END Proj. 54-87-038-0729-01

REVISIONS:

NO.	DATE	REVISIONS	BY	APP'D
1				
2				
3				

KANSAS DEPARTMENT OF TRANSPORTATION

PLAN

US-54 (City of Wichita)

SCALE: 1" = 20'

DESIGNED: [Signature]

CHECKED: [Signature]

APP'D: [Signature]

QUANTITIES: [Signature]

TRACED: [Signature]

Rev. 727-81