

INDEX OF SHEETS

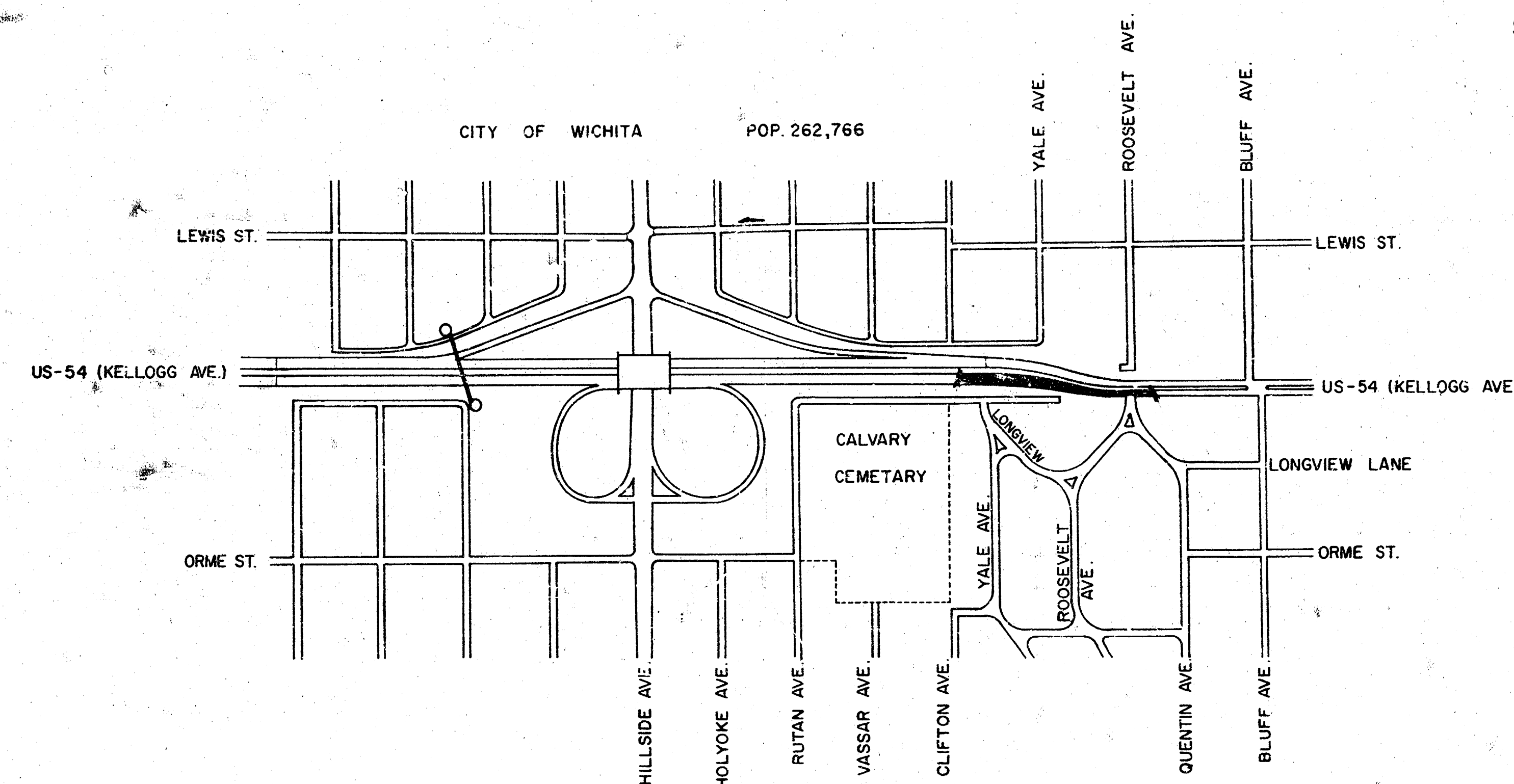
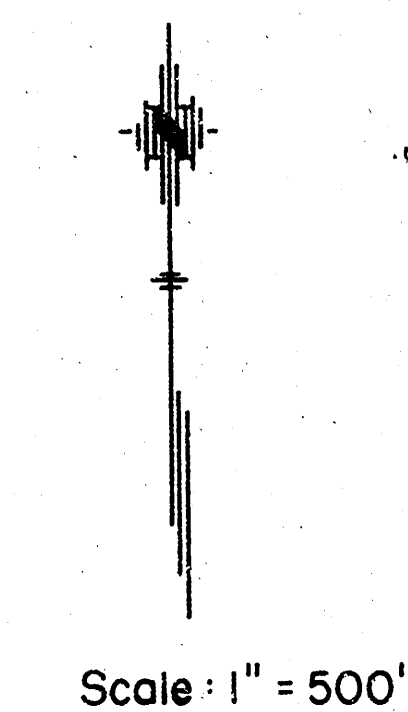
STATE OF KANSAS DEPARTMENT OF TRANSPORTATION

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.t. Sta. 103+22.57 on
Proj. (E.C.) 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 Δ=14°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 Δ=0°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)
 Δ=5°36'53" L=223.12
 D=2°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 Δ 89°53'21"
 1. 1/2" Rebar @ POT. (burred 3")
 2. & Top fire hydrant 47.30 NNE
 3. & Top Steel cor. fc. po. 42.70 NNW

PI Sta. 110+13.10 = +12.75 A.H. =
 17.69' Rt. & Sta. 110+20.00
 Δ=7°00'24" Rt L=280.27'
 D=2°30' T=140.31'
 R=2,291.83' E=4.23'

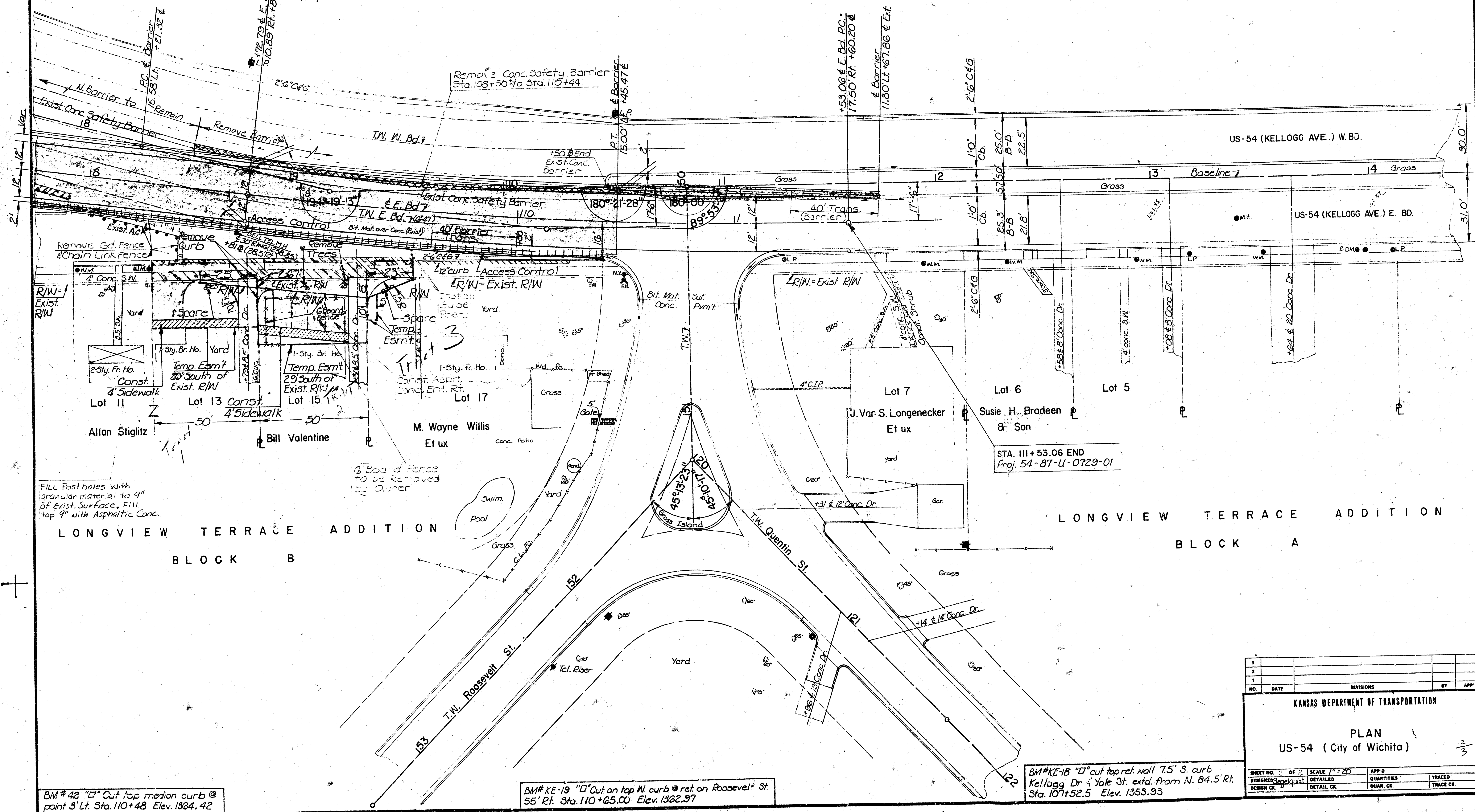
POT. Sta. 50+00 = POT. Sta. 110+84.69
 S.E. Δ = 89°53'21"
 1. 1/2" rebar @ POT. (burred 3")
 2. & top fire hydrant 47.30 NNE
 3. & top Steel cor. fc. po. 42.70 NNW

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.
 Δ=45°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	



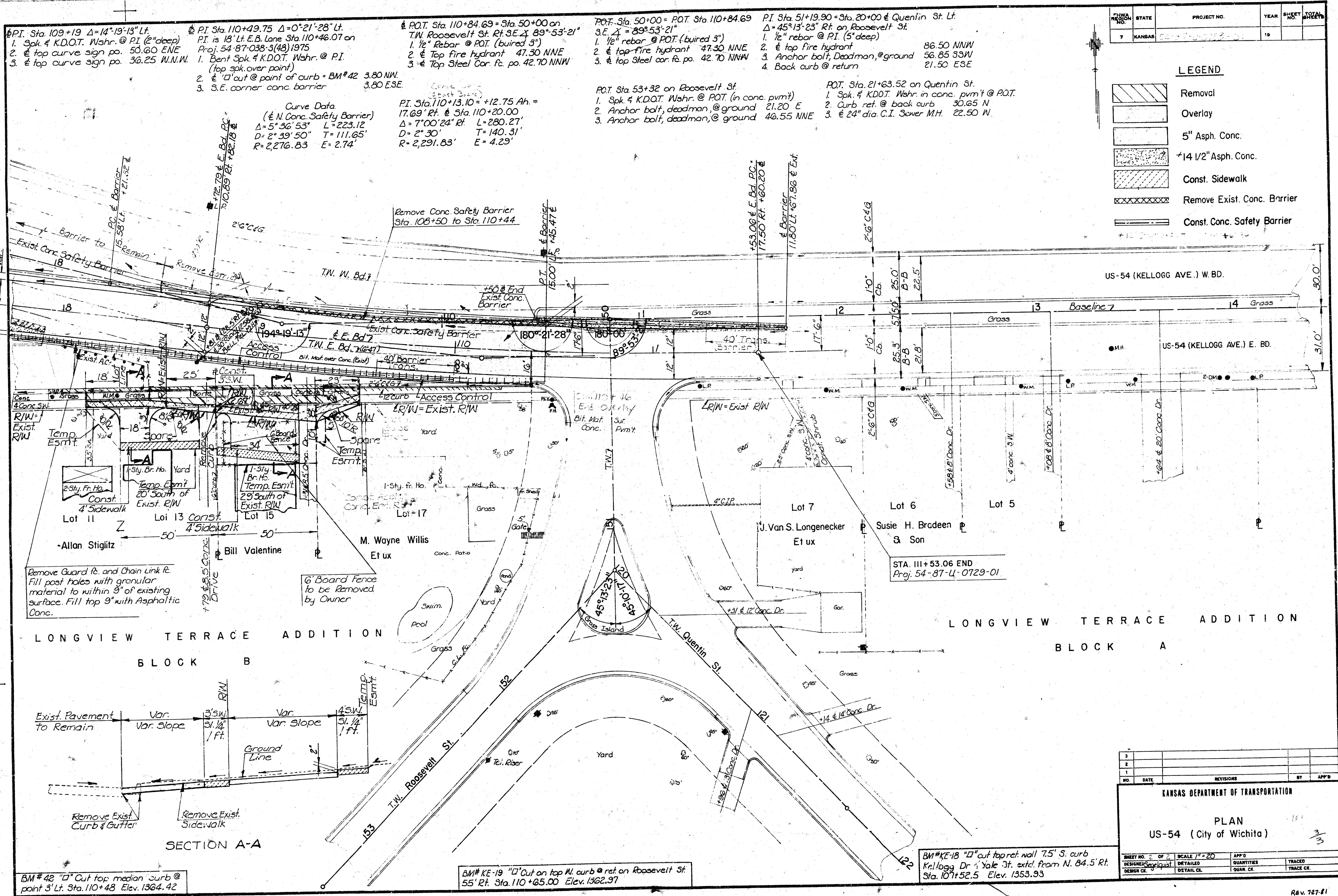
BM#42 "D" Cut top median curb @
 point 3' Lt. Sta. 110+48 Elev. 1364.42

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. 19 OF 19	SCALE 1" = 20'	APP'D	TRACED
DESIGNED/Checked	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.



PI. Sta. 109+19 $\Delta=14^{\circ}19'13''$ Lt.
1. Spk. & K.D.O.T. Wshr. @ PI (2" deep)
2. $\frac{1}{2}$ " top curve sign po. 50.60 ENE
3. $\frac{1}{2}$ " 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. @ PI.
(top spk. over point)
2. $\frac{1}{2}$ " "D" cut @ point of curb = BM#42 3.80 NW
3. S.E. corner conc. barrier 3.80 ESE.

P.O.T. Sta. 110+84.69 = Sta. 50+00 on
T.W. Roosevelt St. Rt. 3E $\Delta=89^{\circ}53'21''$
1. $\frac{1}{2}$ " rebar @ P.O.T. (buried 3")
2. $\frac{1}{2}$ " top fire hydrant 47.30 NNE
3. $\frac{1}{2}$ " top steel cor. fr. po. 42.70 NNW

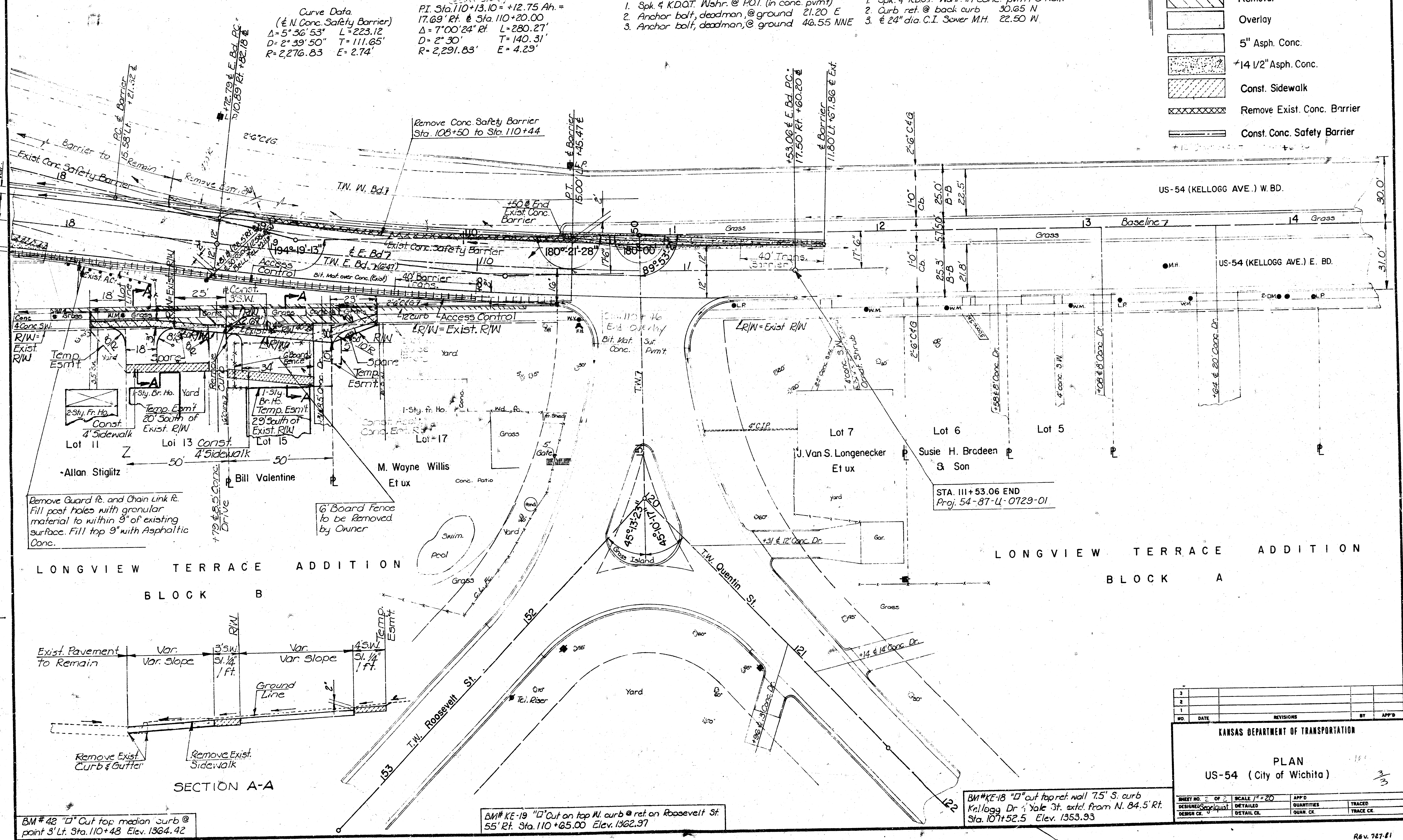
P.O.T. Sta. 50+00 = P.O.T. Sta. 110+84.69
3E $\Delta=89^{\circ}53'21''$
1. $\frac{1}{2}$ " rebar @ P.O.T. (buried 3")
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3. $\frac{1}{2}$ " top steel cor. fr. po. 42.70 NNW

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

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

NO.	DATE	REVISIONS	BY	APP'D
1				
2				
3				

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



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

KANSAS DEPARTMENT OF TRANSPORTATION				
PLAN				
US-54 (City of Wichita)				
SHEET NO.	2	OF 2	SCALE 1" = 20'	APP'D
DESIGNED	BY	DATE	DETAILS	QUANTITIES
TRACED	BY	DATE	QUAN. CK.	TRACED