FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	5-54-3-40725-01	1981		

GRADING
SURFACING

INDEX OF SHEETS

STATE OF KANSAS

DEPARTMENT OF TRANSPORTATION

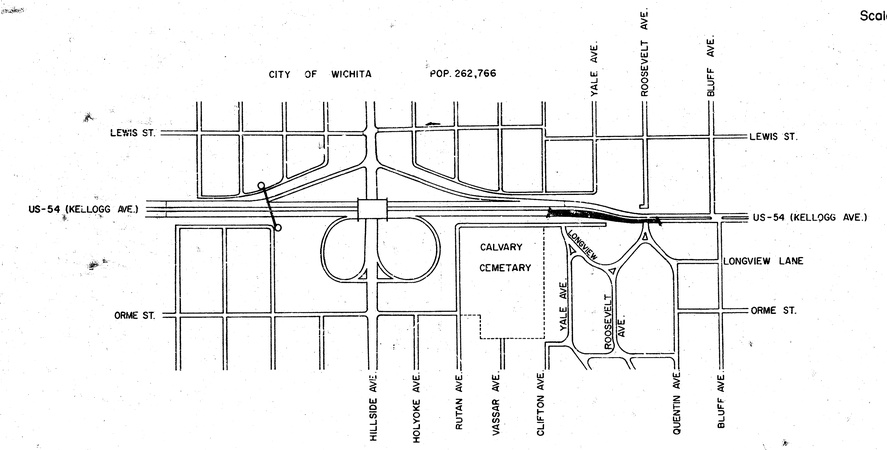
PLAN AND PROFILE OF PROPOSED

STATE HIGHWAY

FEDERAL AID PROJECT

SEDGWICK COUNTY
US-54

Scale : 1" = 500'



NOTE: TRAFFIC TO BE CARRIED THROUGH CONSTRUCTION

Surveyed - R.A. Irwin
Plotted - L. Madrid
Designed - K.E. Seagquist
Squad - K. Naylor

DESIGN DESIGNATION

Sta. 103+22.57 BEGIN Proj. 54-87-U-0789-01 = 38' Rt. Sta. 103+22.57 On Proj. (EC) 54-87-K-038-3(48)

Sta. 111+53.06 END Proj. 54-87-U-0789-01

CONVENTIONAL SIGNS

COUNTY LINE		RETAINING WALL	
CORPORATE LIMITS		CENTER LINE OF PROJECT	50
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	50

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	RECOM. FOR APPROVAL – DATE
ENGINEER OF DESIGN KANSAS DEPARTMENT OF TRANSPORTATION	ENGINEER FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION
APPROVED — DATE	APPROVED — DATE
STATE TRANSPORTATION ENGINEER KANSAS DEPARTMENT OF TRANSPORTATION	DIVISION ADMINISTRATOR FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION

1/3

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87-U-0729-01	19		

℄ P.I. 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.

℄ P.I. Sta. 110+49.75 Δ=0°-21'-28" Lt.
P.I. 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 E.S.E.

℄ P.O.T. Sta. 110+84.69 = Sta. 50+00 on T.W. Roosevelt St. Rt. S.E. Δ 89°-53'-21"
1. ½" Rebar @ P.O.T. (buried 3")
2. ℄ Top fire hydrant 47.30 NNE
3. ℄ Top Steel Cor. Fc. po. 42.70 NNW

P.O.T. Sta. 50+00 = P.O.T. Sta. 110+84.69 S.E. Δ = 89°-53'-21"
1. ½" rebar @ P.O.T. (buried 3")
2. ℄ top fire hydrant 47.30 NNE
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P.I. Sta. 51+19.90 = Sta. 20+00 ℄ Quentin St. Lt.
Δ = 45°-13'-23" Rt. on Roosevelt St.
1. ½" 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

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

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. ℄ 24" dia. C.I. Sewer M.H. 22.50 W

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'

P.I. Sta. 110+13.10 = +12.75 Ah. =
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 = 4.29'

+72.79 ℄ E. Bd. P.C. 10.89' Rt. +82.18 ℄ Barrier
120' ℄ Barrier +21.32 ℄
15.58' Lt.
N. Barrier to Remain
Remove Barrier
Exist. Conc. Safety Barrier
Remove Conc. Safety Barrier Sta. 108+50 to Sta. 110+44
+45.47 ℄ Barrier
P.T. 15.00' Lt. 2'
T.W. W. Bd.
+50 ℄ End Exist. Conc. Barrier
+53.06 ℄ E. Bd. P.C. 17.50' Rt. +60.20 ℄ Barrier
11.80' Lt. +67.86 ℄ Ext.
2'-6" C&G
Vert.
2' 12" 12" 2'
18 19 110 11 12 13 14
Grass
Baseline
℄ E. Bd.
T.W. E. Bd.
Bit. Mat. over Conc. (Exist.)
194°-19'-13"
180°-21'-28"
180°-00
89°-53'-21"
40' Trans. (Barrier)
17'-6"
10' Cb.
25.0' B-B 22.5'
57.50'
25.3' B-B 21.8'
30.0'
31.0'
US-54 (KELLOGG AVE.) W. BD.
US-54 (KELLOGG AVE.) E. BD.
Access Control
Remove Curb
Remove Trees
Remove Gd. Fence & Chain Link Fence
Exist. A.C.
Relocate 8" Sanitary Sewer
Exist. R/W
R/W = Exist. R/W
4" Conc. S.W.
Yard
Spare
Temp. Esm't
Temp. Esm't 20' South of Exist. R/W
Temp. Esm't 29' South of Exist. R/W
Const. 4' Sidewalk
Const. Asphalt Cond. Ent. Rt.
1-Sty. Fr. Ho.
1-Sty. Br. Ho.
2-Sty. Fr. Ho.
Lot 11
Lot 13
Lot 15
Lot 17
Lot 7
Lot 6
Lot 5
Allan Stiglitz
Bill Valentine
M. Wayne Willis Et ux
J. Van S. Longenecker Et ux
Susie H. Bradeen & Son
50'
Bit. Mat. Conc.
Surf. Pvm't.
T.W.
4" C.I.P.
Grass Island
Tel. Riser
Swim. Pool
Conc. Patio
Wood Fence to be Removed by Owner
5' Gate
Fill Post holes with granular material to 9" of Exist. Surface, F.I.I. top 9" with Asphaltic Conc.
LONGVIEW TERRACE ADDITION
BLOCK B
LONGVIEW TERRACE ADDITION
BLOCK A
T.W. Quentin St.
T.W. Roosevelt St.
152
153
121
122
45°-13'-23"
45°-10'-17"
120'
+31 ℄ 12' Conc. Dr.
+14 ℄ 14' Conc. Dr.
+36 ℄ 18' Conc. Dr.
+58 ℄ 8' Conc. Dr.
+64 ℄ 22' Conc. Dr.
+08 ℄ 8' Conc. Dr.
4' Conc. S.W.
4 Conc. S.W. Expans. Joints
Ornam. Shrub
Gar.
STA. 111+53.06 END
Proj. 54-87-U-0729-01

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

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

PLAN

US-54 (City of Wichita)

2/3

SHEET NO. 2 OF 2	SCALE 1" = 20'	APP'D	
DESIGNED Sandquist	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
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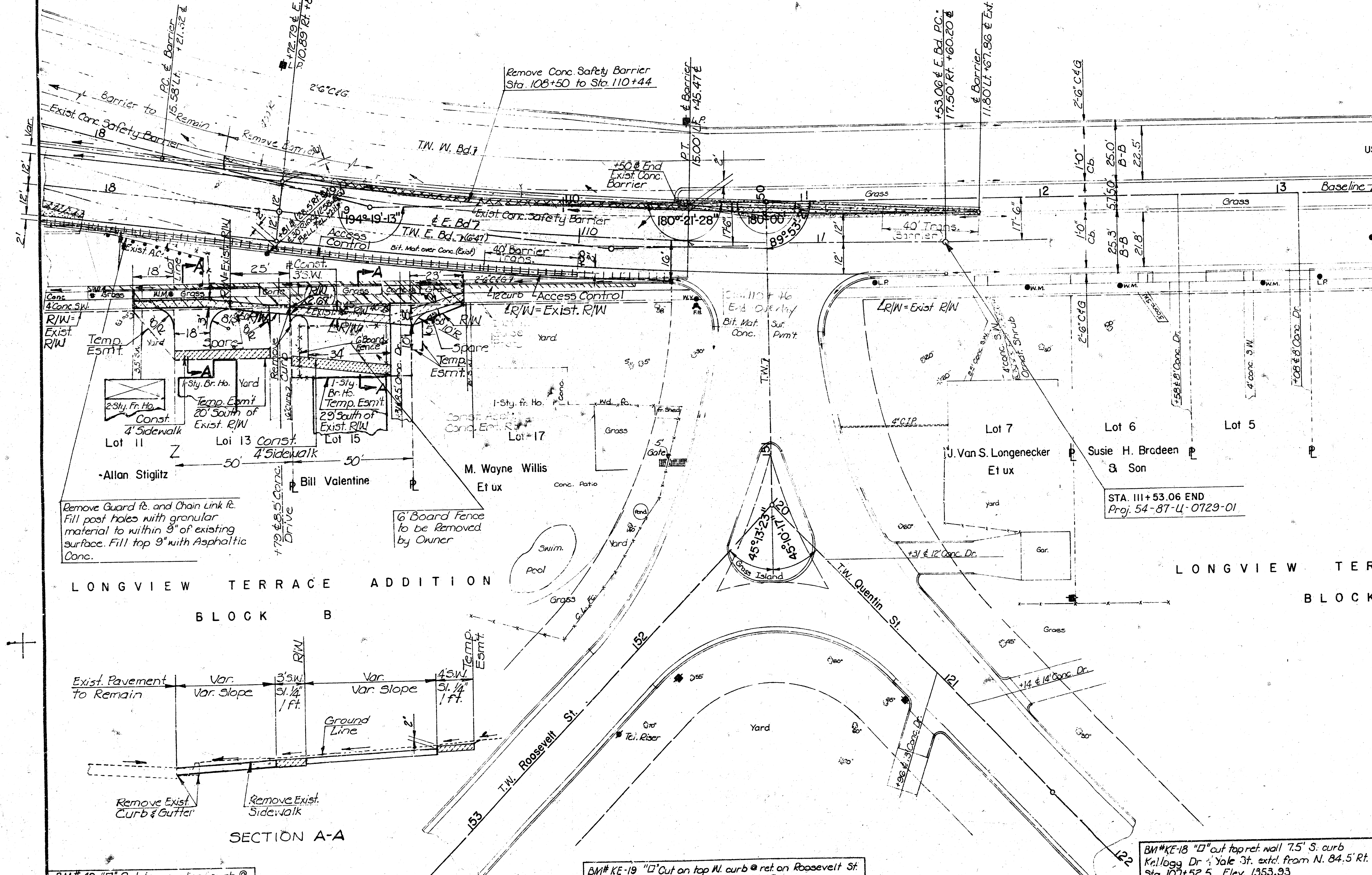
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LEGEND

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



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NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

PLAN
US-54 (City of Wichita)

3/3

SHEET NO. 2 OF 2	SCALE 1" = 20	APP'D	
DESIGNED Segelquist	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.

Rev. 7-27-81