FUR ROAD DIV NO.	STATE	PROJECT NO.	FUR YEAR	SHEET NO.	TOTAL SHEETS
5	KANSAS	35W-89(35)-71(23)30	19	1	15

PRELIMINARY REPORT
ALTERNATE LOCATION
15TH STREET TO 37TH STREET

STATE OF KANSAS

STATE HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED

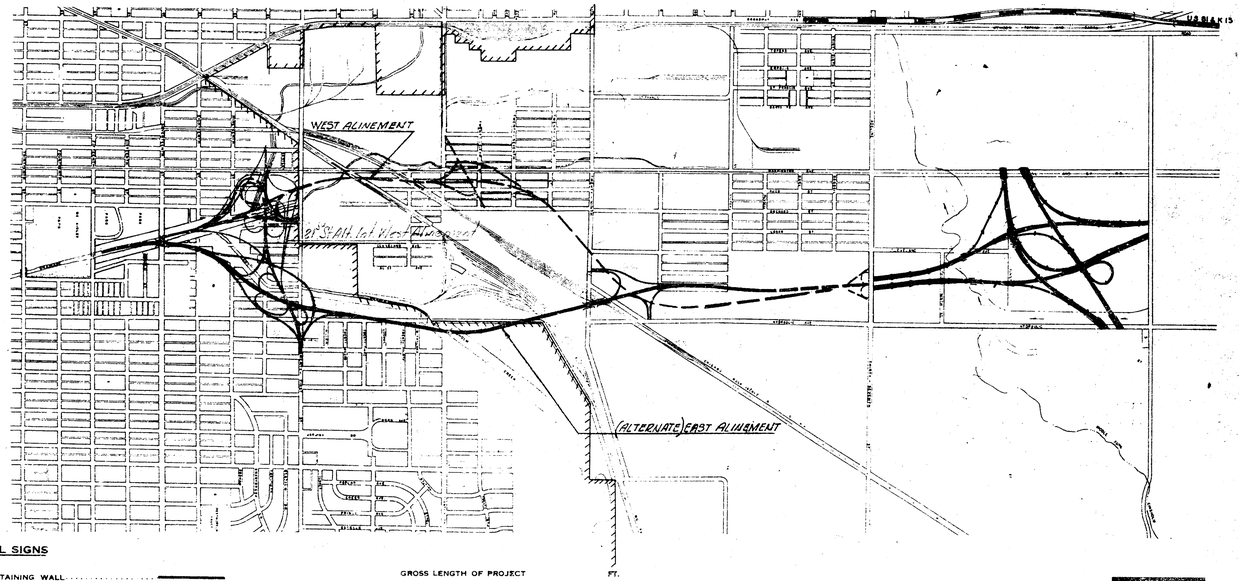
STATE HIGHWAY

FEDERAL AID PROJECT

SEDGWICK COUNTY
INTERSTATE 35W
ACCESS CONTROL

W-S-I-C-E

SCALE 1" = 1,000'



DESIGN DESIGNATION

ADT (1957) = 12,500
ADT (1975) = 39,000
DHV = 2600
D = 67%
T =
V = 60 M.P.H.
C OF A = Full

CONVENTIONAL SIGNS

COUNTY LINE		RETAINING WALL	
CITY, VILLAGE, OR BOROUGH		BASE OR SURVEY LINE	
STATE OR NATIONAL LINE		LEVEE	
TOWNSHIP LINE		CULVERTS	
SECTION LINE		DROP INLETS	
GRANT LINE		TROLLEY POLE	
FENCE LINE		POWER LINE	
GUARD FENCE		TELEPHONE OR TELEGRAPH LINE	
UNFENCED PROPERTY		MARSH	
RIGHT OF WAY LINE		HEDGE	
TRAVELLED WAY		TREES	
RAILROADS		GRADE ELEVATION	
ACCESS CONTROL		CITY LIMITS	

GROSS LENGTH OF PROJECT		FT.	
EXCEPTIONS			
ADDITIONS			
NET LENGTH OF PROJECT	13,173.0	FT.	5.608 MILES
NET LENGTH OF BRIDGES	1,760.0	FT.	0.330 MILES
NET LENGTH OF ROAD	12,033.0	FT.	2.278 MILES

1/16/60
PRELIMINARY DRAWING

PLANS PREPARED BY - DATE

WILSON & COMPANY
ENGINEERS—ARCHITECTS

RECOM. FOR APPROVAL DATE

ENGINEER OF DESIGN
STATE HIGHWAY COMMISSION OF KANSAS

RECOM. FOR APPROVAL DATE

ENGINEER
BUREAU OF PUBLIC ROADS
DEPARTMENT OF COMMERCE

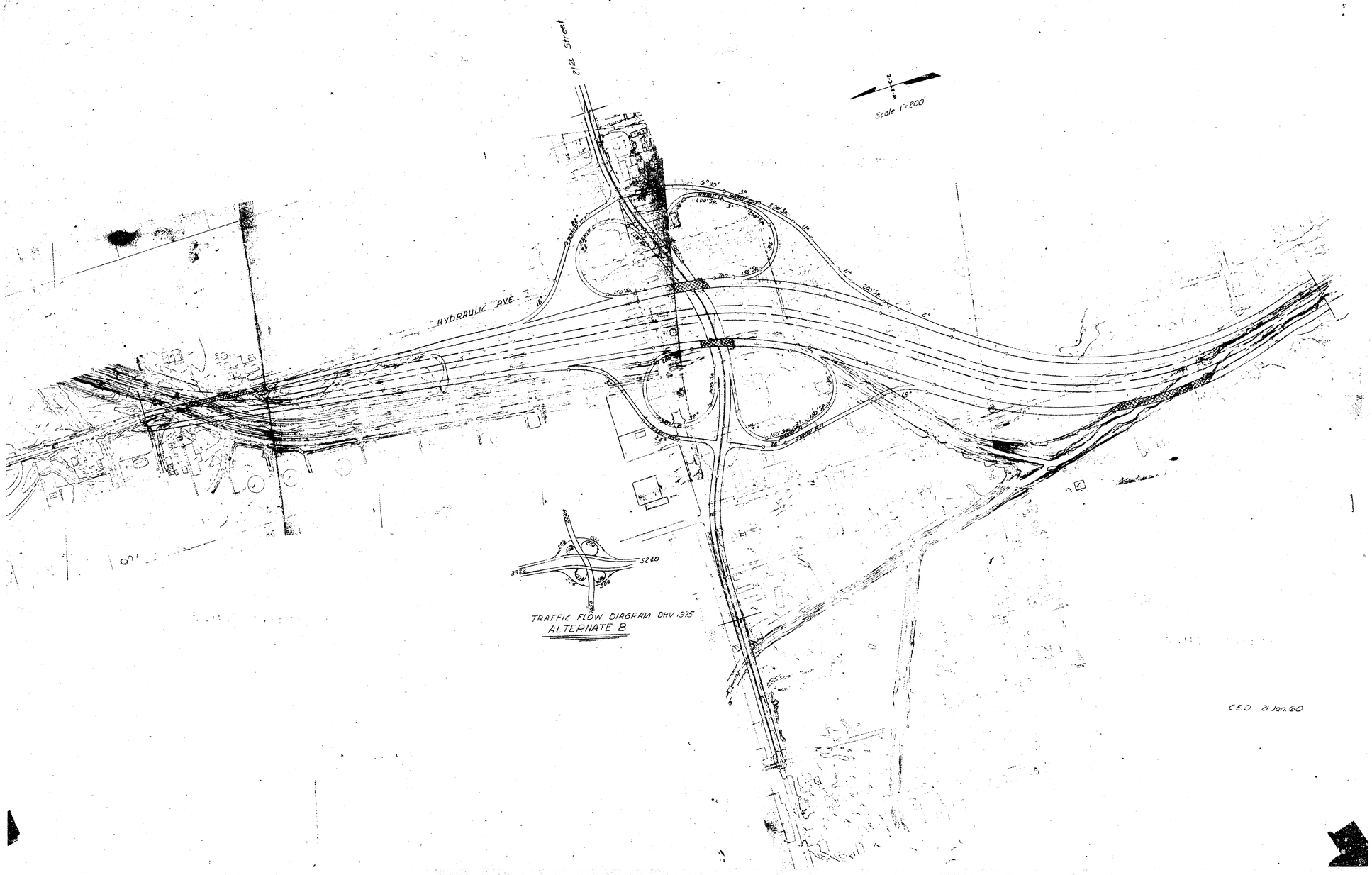
APPROVED DATE

STATE HIGHWAY ENGINEER
STATE HIGHWAY COMMISSION OF KANSAS

APPROVED DATE

DISTRICT ENGINEER
BUREAU OF PUBLIC ROADS
DEPARTMENT OF COMMERCE

59-27A


21st Street
HYDRAULIC AVE
Scale 1"=200'
5240
TRAFFIC FLOW DIAGRAM DHV 1925
ALTERNATE B
C.E.D. 21 Jan. 60

PUB. ROAD DIV. NO.	STATE	PROJECT N.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	KANSAS	35W-67T-35W (165)30	1955	53	87

Sta 51+50 Ramp C Install
24" x 24" x CRP c End Sect
LT RT
D.A. = 5Ac Q = 20 cfs
L.F. = 0.8 H.W. = 2.2

Sta. Ramp C&D Install
30" x 30" CRP c End Sect
LT RT
D.A. = 5 Ac Q = 20 cfs
L.F. = 0.3 H.W. = 2.2

Sta 99+50 37th St Const
7'x5' RCB
D.A. = 66 Ac Q = 193 cfs
L.F. = 1.9 H.W. = 4.6
See Sheet No

Scale : 1"=100'

TRAFFIC FLOW DIAGRAM
D.H.V. 1575

Sta 3+30 Ramp B Install
24" x 24" x CRP c End Sect
LT RT
A = 2 Ac Q = 10 cfs
L.F. = 0.8 H.W. = 1.6

Sta 14+70 Ramp A&B Install
30" x 30" CRP c End Sect
LT RT
D.A. 5 Ac Q = 20 cfs
L.F. 0.8 H.W. = 2.2

Sta 5+00 37th St Const
4'x4' RCB
LT RT
D.A. = 69 Ac Q = 83 cfs
L.F. = 1.1 H.W. = 4.0
See Sheet No.

Revised 6-19-59

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

STATE HIGHWAY COMMISSION OF KANSAS

FAI 35 W

37TH STREET INTERCHANGE

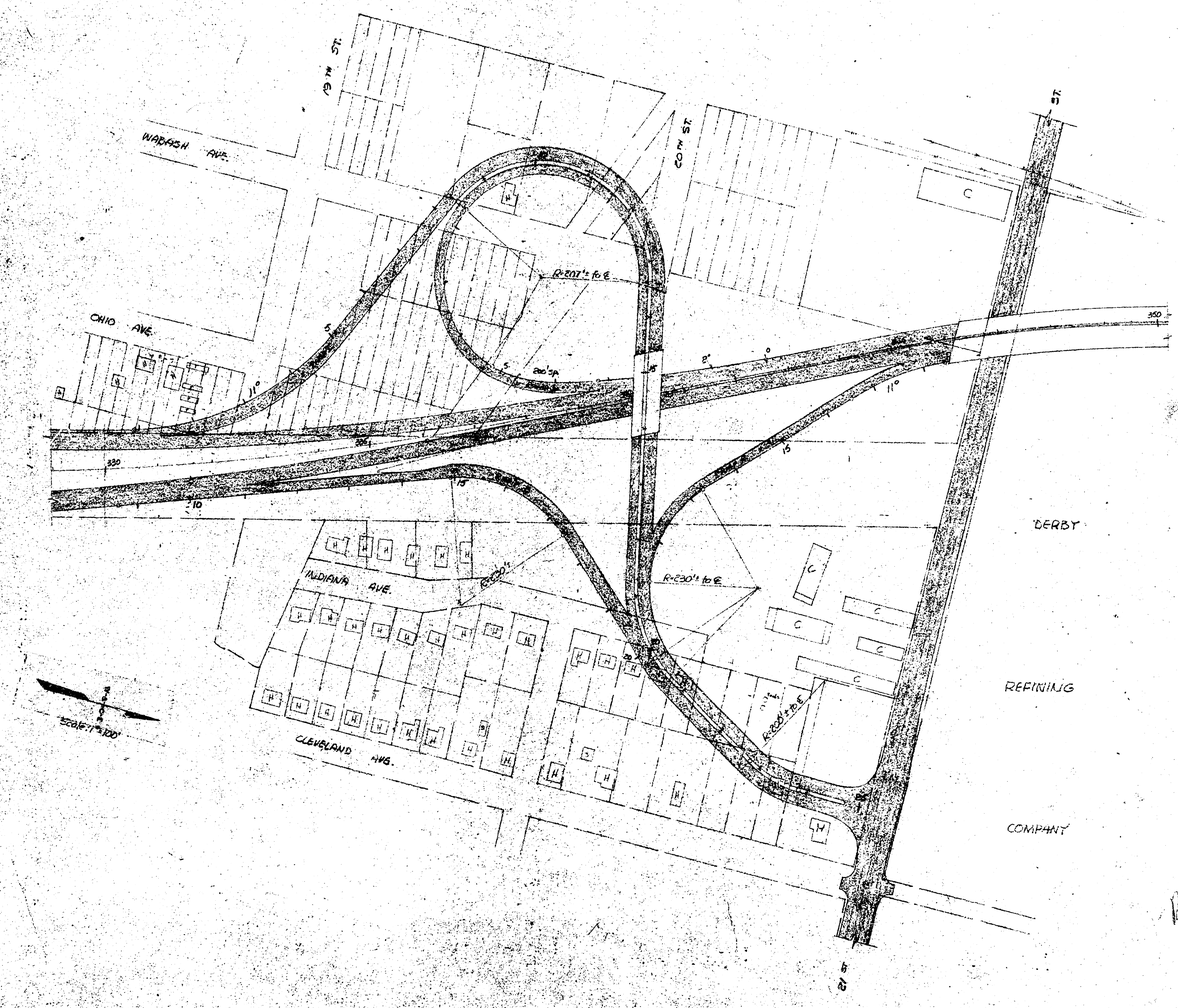
LAYOUT A, Revised

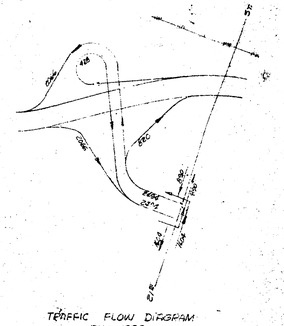
WILSON & COMPANY
ENGINEERS & ARCHITECTS
SALINA, KANSAS

DESIGNED	TRACED -	CHECKED

PUB. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	
5	KANSAS	35W-37(9)14 71-65-52	1950	26	

5





TRAFFIC FLOW DIAGRAM
DHV. 1975

Recommended 6-19-59

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

STATE HIGHWAY COMMISSION OF KANSAS

FAI 35W

21ST STREET INTERCHANGE

LAYOUT C

W^M SON & COMPANY
ENGINEERS & ARCHITECTS
SALINA KANSAS

DESIGNED	TRACED	CHECKED

FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	35W-073-35W-1(28)86	1989	19	19

SCALE: 1" = 1000'

Fold Back

Fold Back

(3) 6456 Acres

(9) 304 Acres

(2) 2662 Acres (total)

Missouri

East Fork

(4) 686 Acres

(8) 1038 Acres

1337 Ac

Cattle Pass

NORTH DIRECTIONAL INTERCHANGE

379 AC

C.R.I.&P.R.R.

Dike

100 35W

37TH ST. INTERCHANGE

Chisholm Creek

Hydraulic Ave.

9142 Ac

21 ST. ST. INTERCHANGE

Wichita DRAINAGE CANAL

1250

Pacific R.R.

2662 Ac

330

710 AC

2104c

Washington Ave.

835 cfs (Controlled Flow)

U.P.R.R.

23TH ST. INTERCHANGE

38 Ac

250 Ac

Creek

260 AC

A.T.&S.F. RR.

Broadway

(5) 390 Acres

(6) 344 Acres

(7) 376 Acres

(1)

Controlled Flow
915 Acres-Area (1-a)
2-48" Smooth Flow Pipes
10.7 Head 364' Length
Inlet 1305.3 Outlet 1304.8

(1-b) - 835 Acres

(3) Drainage Area Number as per Dr. Report.

DRAINAGE AREAS
FROM STA 250+00 TO STA 480+00

WILSON & COMPANY
ENGINEERS & ARCHITECTS
SALINA - KANSAS

DATE
FILE NO.
SHEET NO.
OF

59-27A