

STATE OF KANSAS  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY  
MAINTENANCE PROJECT  
SEDGWICK COUNTY  
US-54

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87-5942 (2)	1980	1	32

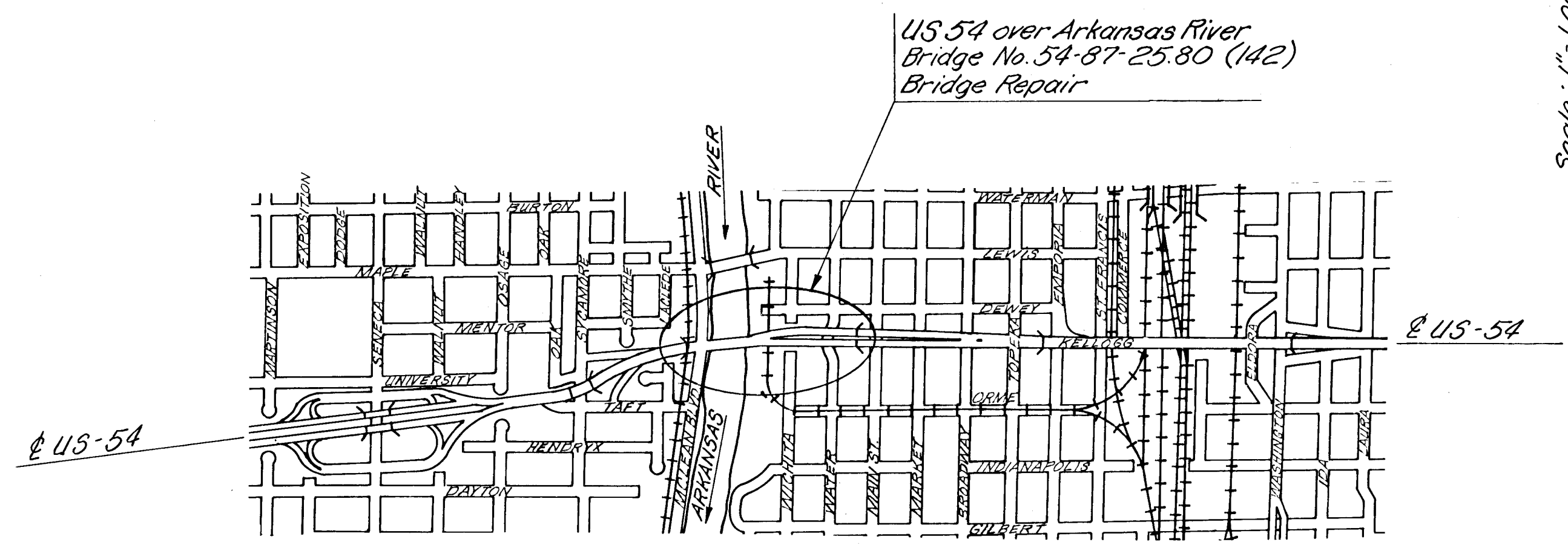
PROJ. NO. 54-87-5942 (2)  
BRIDGE REPAIR

Sheet No.	INDEX OF SHEETS
1.	Title Sheet
2,3.	Construction Layout
4.	Backwall Repair (Abut.No.1)
5.	Abutment No.2 Removal Details
6.	Abutment No.2 Details (East Bound)
7.	Abutment No.2 Details (West Bound)
8.	Raised Median Details
9.	Expansion Joint Details
10.	Strip Seal Assembly
11.	Miscellaneous Repair Details
12.	Details of Deck Patching and Overlay Details
13.	Repair Sequence
14,15.	Unit No.3 Web Layout
16.	Approach Pavement Details
17.	West Crossovers
18.	East Crossovers
19.	Steel Plate Guard Fence Connection to Bridge and Retaining Wall
20.	Guard Fence Layout Details
21.	Steel Plate Guard Fence with Wood Posts and Wood Guide Posts
22.	Steel Plate Guard Fence with Steel Posts
23.	Barrier Terminal Types I & II
24.	Concrete Safety Barrier Type I
25.	Concrete Safety Barrier Auxiliary Details
26.	Traffic Control Approach Signing
27.	Traffic Control thru Construction West Side of Bridges
28.	Traffic Control thru Construction East Side of Bridges
29.	Detailed Traffic Control Plan
30.	Construction Traffic Control Devices and Locations for A Four-Lane Highway
31.	Construction Traffic Control Devices and Locations for Signs, Barricades and Drums
32.	Supports and Spacers for Reinforcing Steel

DESIGNED  
DESIGNED  
DETAILS  
TRACE  
TRAFFIC CONTROL

Mesiah  
Free, Lemon  
Elliott

10-79  
11-79  
11-79



Scale: 1" = 100'

Note: Traffic shall be carried thru construction.

WICHITA  
Population: 261,862

DESIGN DESIGNATION  
ADT 33,700 1978  
Trucks 1,200

GROSS LENGTH OF PROJECT 1,336.12 FT.

EXCEPTIONS None

ADDITIONS None

NET LENGTH OF PROJECT 1,336.12 FT. MILES 0.253  
NET LENGTH OF BRIDGES 1,336.12 FT. MILES 0.253  
NET LENGTH OF ROAD 00 FT. MILES 0.0

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

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