

STATE OF KANSAS
DEPARTMENT OF TRANSPORTATION



PLAN AND PROFILE OF PROPOSED
MAPLE STREET BRIDGE OVER
WICHITA-VALLEY CENTER FLOODWAY

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87U-1187-01 BRO-000-S(21)		1	34

PROJ. NO. 87U-1187-01
BRO-000-S(71)

GRADING
BRIDGE
SURFACING
SEEDING
DETOUR SURFACING

INDEX OF SHEETS

1. Title Sheet
- 2-3. Typical Sections
- 4-9. Plan and Profile (Project)
- 10-11. Plan and Profile (Shoo-fly Detour)
- 12-13. Floodway Layout
14. Floodway Sections
15. Floodway Profiles
- 16-17. Plan and Profile (Storm Sewer Outlet Extensions)
18. Contour Map
- 19-20. Construction Layout
- 21-29. Traffic Control and Construction Sequence
- 30-31. X-Sections

DATE	
BY	
SURVEYED	
PLOTTED	
INKED	
DESIGNED	
SQUAD	

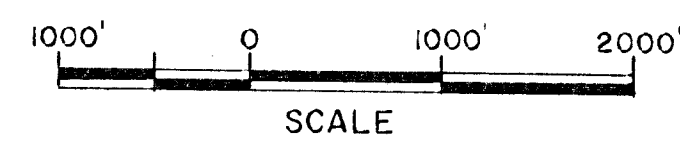
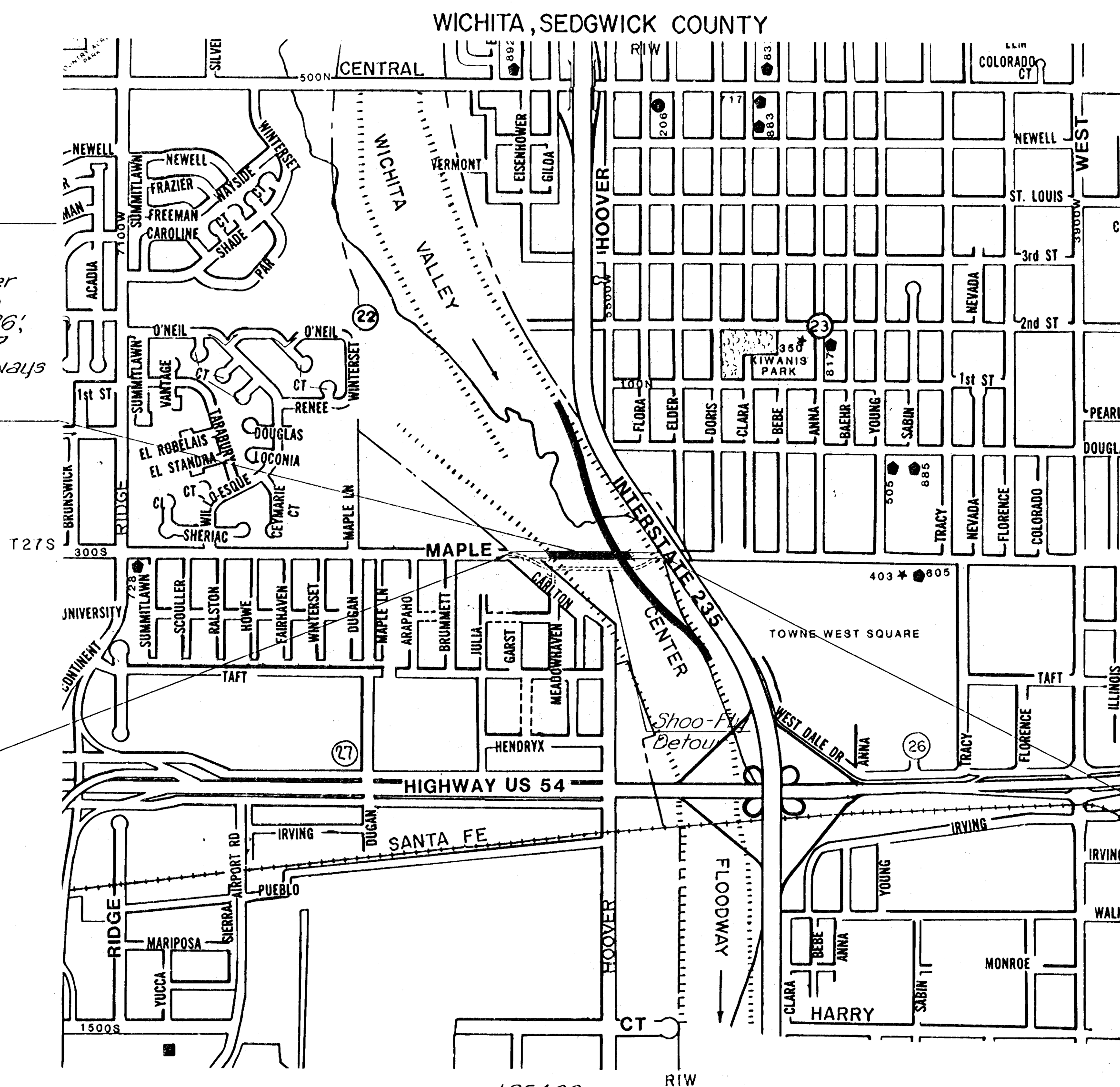
DESIGN DESIGNATION

ADT = 14,030 (YR.1985)
ADT = 19,000 (YR.2008)
TRUCK = 5%
DESIGN SPEED = 40 M.P.H. (PROJECT)
DESIGN SPEED = 30 M.P.H. (DETOUR)

STA. 103+45 CONSTRUCT
84'-5@88'-2@84'-83'-84'
Prestressed Concrete Girder
Spans; 2-26' Roadway From
Abutment #1 to Pier #2; 1-26'
1-37' Roadways from Pier #2
to Abutment #2; 2-5' Walkways
Pile Bent Type Abutments
and Piers; 33° Skew Left.

STA. 94+66 BEGIN
K.D.O.T. Proj. No.
87U-1187-01

STA. 113+20 END
K.D.O.T. Proj. No.
87U-1187-01



NOTE:
TRAFFIC SHALL BE CARRIED THROUGH
CONSTRUCTION ON THE SHOO-FLY DETOUR.
THE CONTRACTOR SHALL BE RESPONSIBLE
FOR ALL TRAFFIC CONTROL THROUGH
CONSTRUCTION. SEE SHEET 21 THRU 29
FOR DETAILS.

DISAPPROVED FOR THE REASONS
STATED IN THE ATTACHED
LETTER DATED Aug. 9, 1987
BY *[Signature]*
AREA OPERATIONS DIVISION
FOR THE DISTRICT ENGINEER
KANSAS DISTRICT
CHIEF ENGINEERS
DATE: Dec. 9, 1987

PLANS PREPARED BY
Booker/Freund
Engineers Architects Planners

PRELIMINARY-FOR
FIELD CHECK ONLY

OCT 5 1987

CONVENTIONAL SIGNS

COUNTY LINE	---	CENTER LINE OF PROJECT	---
CITY LIMITS		TERRACE	
STATE OR NATIONAL LINE	---	CULVERTS	---
TOWNSHIP, SECTION or GRANT LINE	---	DROP INLET & STORM SEWER	---
PROPERTY LINE	---	ACCESS CONTROL	---
HIGHWAY FENCE	---	POWER POLE	---
EXISTING FENCE	---	TELEPHONE POLE	---
GUARD FENCE	---	MARSH	---
CONSTRUCTION LIMITS	---	HEDGE	---
RIGHT OF WAY LINE	---	TREES	---
TRAVELED WAY	---	PROFILE ELEVATION	---
RAILROADS	---	STREAM or CREEK	---

GROSS LENGTH OF PROJECT 1854.00 FT.

EXCEPTIONS 0.00

NET LENGTH OF PROJECT 1854.00 FT. 0.351 MILES
NET LENGTH OF BRIDGES 862.58 FT. 0.164 MILES
NET LENGTH OF ROAD 991.42 FT. 0.187 MILES

RECOM. FOR APPROVAL-DATE

CHIEF, BUREAU 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