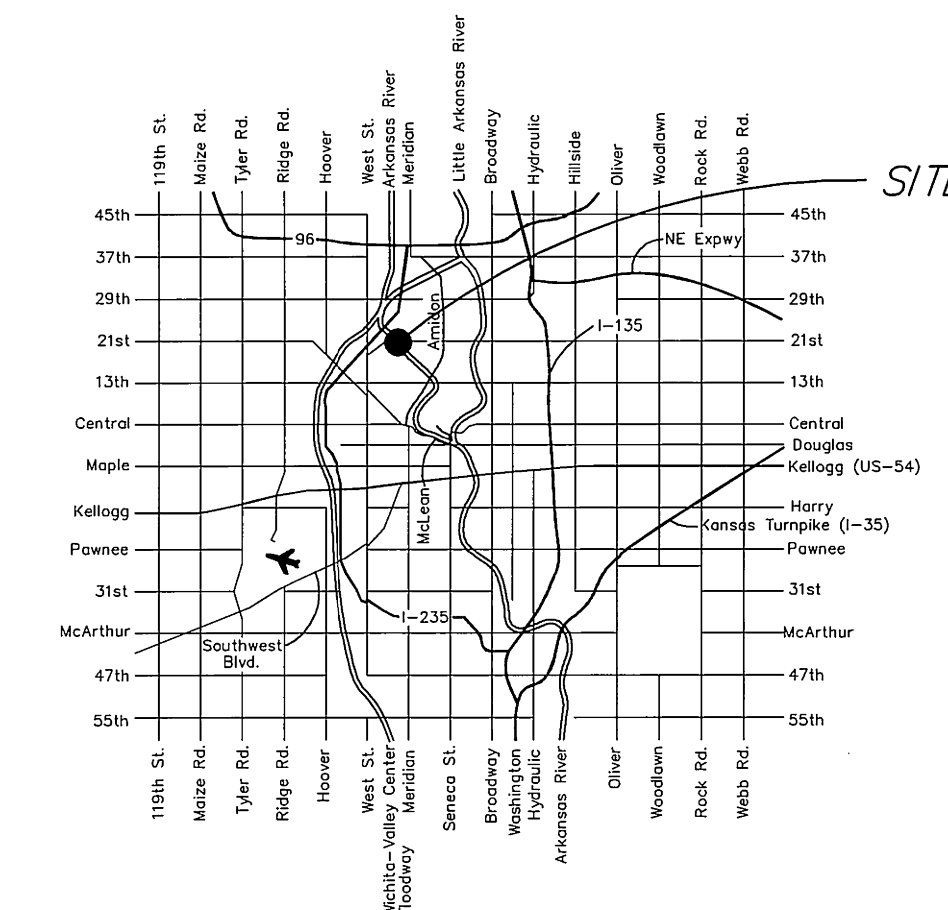


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0362-01	2007	1	48
F.A. NO. BHM N036 (201)				

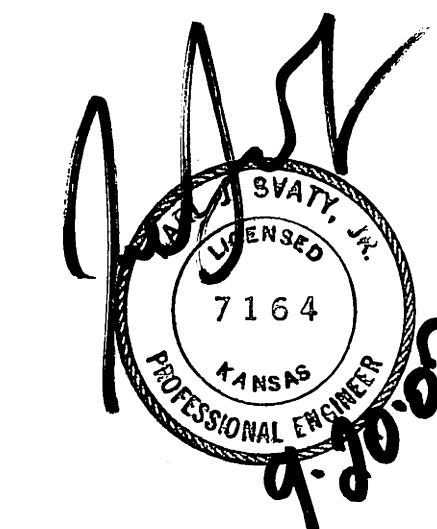
KDOT PROJ. NO. 87 N-0362-01  
F.A. NO. BHM N036 (201)

GRADING  
CONCRETE PAVEMENT  
BRIDGE REHABILITATION  
PAVEMENT MARKING



LOCATION MAP

NOTE: TRAFFIC TO BE CARRIED THRU CONSTRUCTION



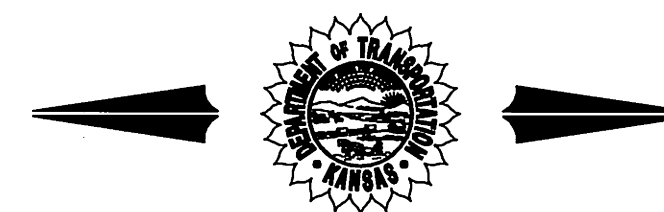
RECOM. FOR APPROVAL-DATE

CHIEF, BUREAU OF LOCAL PROJECTS  
KANSAS DEPARTMENT OF TRANSPORTATION

APPROVED-DATE

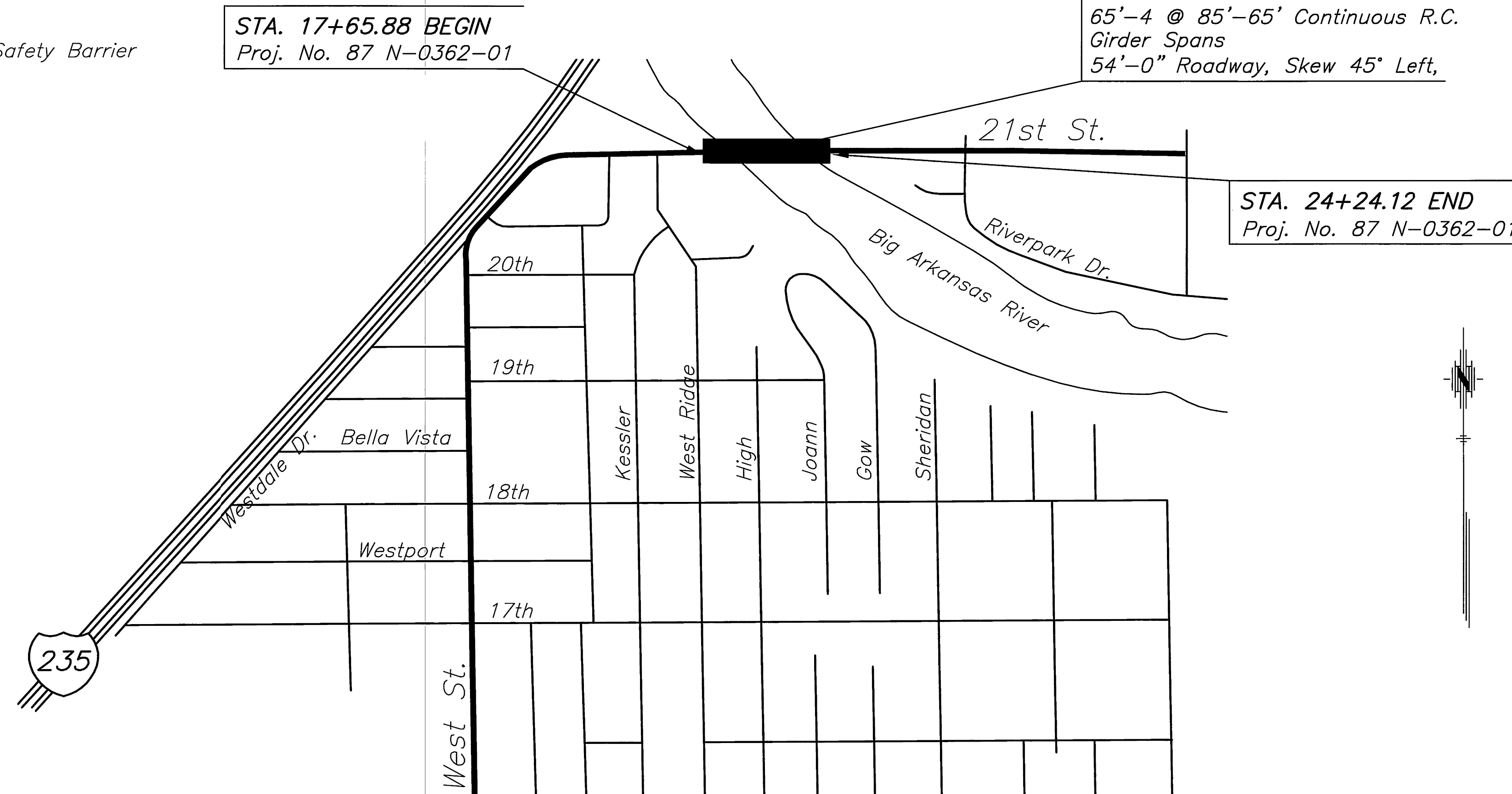
STATE TRANSPORTATION ENGINEER  
KANSAS DEPARTMENT OF TRANSPORTATION

# STATE OF KANSAS DEPARTMENT OF TRANSPORTATION



## 21ST STREET BRIDGE REHABILITATION OVER THE BIG ARKANSAS RIVER

FEDERAL AID PROJECT  
CITY OF WICHITA PROJECT NO. 472-84569 (OCA 715713)  
SEDGWICK COUNTY  
CITY OF WICHITA, KANSAS



### INDEX OF SHEETS

- 1 Title Sheet
- 2 General Notes & Details
- 3 Plan & Profile Sheet
- 4-5 Approach Slab
- 6 Bridge Notes and Quantities
- 7 Construction Layout
- 8 Hydrodemolition and Removal Details
- 9 Deck Delamination Diagram
- 10 Pier and Bearing Device Improvements
- 11-13 Superstructure Improvements
- 14 Bridge Deck Patching and Overlay Details
- 15 Bill of Reinforcing Steel & Bending Diagrams
- 16 Supports and Spacers for Reinforcing Steel
- 17 Summary of Quantities
- 18 Erosion Control & Sediment Control Plan
- 19-23 Erosion Control BMP Sheets
- 24 Pavement Marking Plan
- 25 Construction Sequence
- 26-27 Traffic Control Plans
- 28-30 Traffic Control Details
- 31 Temporary Concrete Safety Barrier
- 32 Design Details for Delineation on Concrete Safety Barrier
- 33 Inertial Barrier
- 34-48 Existing Bridge Plans

### DESIGN DESIGNATION

AADT	13,840 (2000)
AADT	16,470 (2020)
DHV	10%
D	60%
T	3%
V	40 m.p.h.
C of A	None
Clear Zone	6 feet

### 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	-----
PROPERT 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	658.24	FT.
EXCEPTIONS	--	FT.
ADDITIONS	--	FT.

NET LENGTH OF PROJECT	658.24	FT.	0.12	MILES
NET LENGTH OF BRIDGES	477.08	FT.	0.09	MILES
NET LENGTH OF ROAD	181.16	FT.	0.03	MILES

RECOM. FOR APPROVAL-DATE

JIM ARMOUR, P.E.  
CITY ENGINEER