

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0135-01	2005	1	137

STATE OF KANSAS  
DEPARTMENT OF TRANSPORTATION



PLAN AND PROFILE OF PROPOSED  
**EAST CENTRAL AVENUE IMPROVEMENTS**  
FROM OLIVER TO WOODLAWN

FEDERAL AID PROJECT

C.O.W. PROJECT NO. 472-83873  
PAVING O.C.A. NO. 706871  
WATER O.C.A. NO. 620377

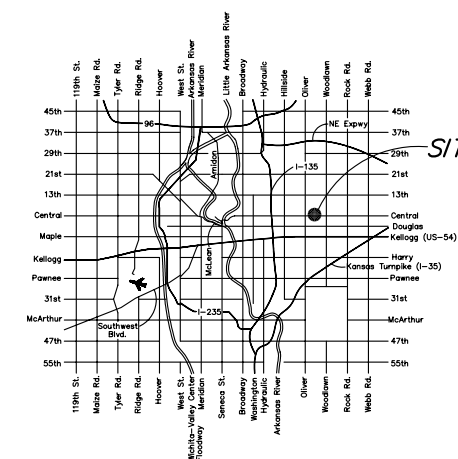
WICHITA, SEDGWICK COUNTY, KANSAS  
POPULATION = 335,562

STP/CMQ-N013(501)

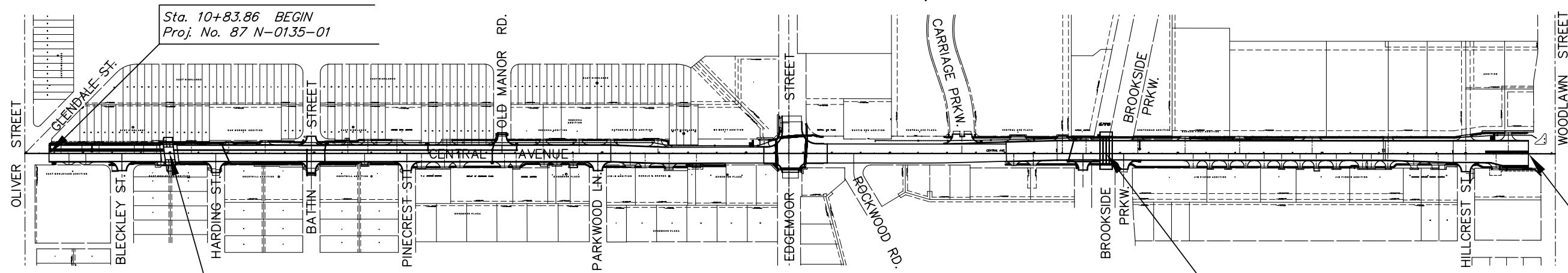
MILL AND OVERLAY  
GRADING AND SURFACING  
STORM SEWER  
PAVEMENT MARKING  
SEEDING  
BRIDGE

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
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26-28	INTERSECTION DETAILS
29-30	CONCRETE APPROACH SLAB
31-35	PAVING DETAILS
36-46, 46A	INLET AND MANHOLE DETAILS
47	MISCELLANEOUS DETAILS
48	MODULAR RETAINING WALL PROFILES
49-53	RCB DETAILS, 3-10'X3' RCB EXTENSION
54-56	RCB DETAILS, 4-10'X5' RCB
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110-137	CROSS SECTIONS



SCALE: 1" = 200'



Sta. 10+83.86 BEGIN  
Proj. No. 87 N-0135-01

Sta. 15+01.73 Extend  
Br. No. 430400876400080  
3 - 10' x 3' R.C. Grade Box  
18.0' Lt. & 18.0' Rt.  
8° Skew Left  
61' Roadway

Sta. 47+55.05  
Br. No. 430400876400090  
4 - 10' x 5' RCBB  
71'-0" Roadway

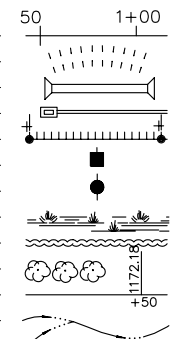
Sta. 62+21.59 END  
Proj. No. 87 N-0135-01

DESIGN DESIGNATION

AADT (2002)	=	25,892
AADT (2030)	=	31,000
DHV	=	10 %
D	=	60 %
T	=	3 %
V	=	35 M.P.H.
Control of Access	=	NONE
Clear Zone	=	6 FT.

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	5,137.73 FT.
EXCEPTIONS	
ADDITIONS	
NET LENGTH OF PROJECT	5,137.73 FT.
NET LENGTH OF BRIDGES	76.86 FT.
NET LENGTH OF ROAD	5,060.87 FT.

NOTE:  
TWO WAY TRAFFIC TO BE CARRIED THROUGH  
CONSTRUCTION. LOCAL TRAFFIC WILL BE  
PERMITTED TO ADJACENT PROPERTIES.

PREPARED & SUBMITTED BY

KMEC ENGINEERING CONSULTANTS, INC.  
WICHITA, KANSAS

RECOM. FOR APPROVAL-DATE

CHIEF, BUREAU OF DESIGN  
KANSAS DEPARTMENT OF TRANSPORTATION

APPROVED - DATE

STATE TRANSPORTATION ENGINEER  
KANSAS DEPARTMENT OF TRANSPORTATION

APPROVED - DATE

JIM ARMOUR, P.E.  
CITY ENGINEER