FOR SURVEY CONTROL DATA
SEE SURVEY DATA SHEETS

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED

STATE HIGHWAY

GRADE, DRAIN, SURFACE, BRIDGE AND EROSION CONTROL PLANS
U.S. HIGHWAY NO. 81

GRADY AND CANADIAN COUNTIES

CONTROL SECTION NO. 81-26-12 AND 81-27-06
FEDERAL AID PROJECT BRFY-081N(06)-0
JOB PIECE NO. 2032700-0
BRIDGE LOCATION XXXXXX

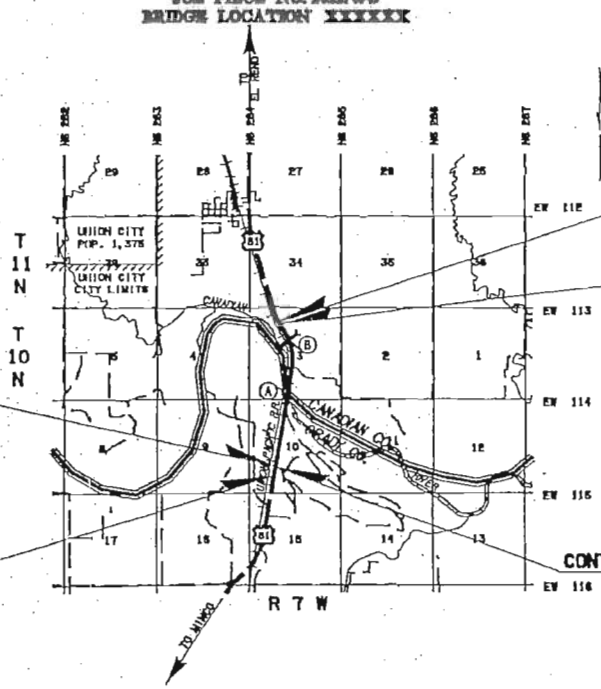
END APPR SLAB STA. 1207+90.00
END BRIDGE STA. 1207+80.00
NBI # XXX
BRIDGE LENGTH : 1501.87 FT.
STR. 'A'
BEG BRIDGE STA. 1192+58.34
BEG APPR SLAB STA. 1192+28.33
NBI # XXX

END BRIDGE STA. 1229+87.96
NBI # XXX
BRIDGE LENGTH : 23.94 FT.
STR. 'B'
BEG BRIDGE STA. 1229+44.02
NBI # XXX

DESIGN DATA		
ADT 2004	=	8,800
ADT 2030	=	8,900
K (DHV/ADT-TWO WAY)	=	10%
D	=	60%
T (% DHV)	=	24%
T (% AADT)	=	20%
T3 (% AADT)	=	18%
T3 OVERLOADS	=	18 AXLES
V	=	70 MPH
MAX. FLOW RATE	=	12.12 V

SCALES 1"

PLAN 1" = 100'
PROFILE HOR. 1" = 100'
VER. 1" = 10'
LAYOUT MAP 1" = 2,640'



℄ SURVEY STA. 1238+00.00
END INCIDENTAL CONSTRUCTION

STA. 1236+12.38
END PROJECT & BEGIN INCIDENTAL CONSTRUCTION

STA. 1168+82.25
BEGIN PROJECT & END INCIDENTAL CONSTRUCTION

STA. 1165+00.00 BEGIN INCIDENTAL CONSTRUCTION

CONTROL SUB SEC. NO. 34.28

PROJECT LENGTH BASED ON C.R.L. STATIONING

ROADWAY LENGTH 5248.46 FT. 0.994 MI.
BRIDGE LENGTH 1501.87 FT. 0.284 MI.
PROJECT LENGTH 1.278 MI.

EQUATIONS : CRL STA. 1238+12.38 BK = ℄ SURVEY STA. 1238+01.30 AHD
: DETOUR STA. 1234+98.34 BK = ℄ SURVEY STA. 1234+31.12 AHD.
EXCEPTIONS : NONE

LOCATION MAP

1988 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION-ENGLISH SYSTEM, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, SEPTEMBER 21, 1988.

ROADWAY DESIGN
ENGINEERING MANAGER: EDWARD ELDER, PE
ENGINEER: BRYAN DAVIS, PE
E.I.T.: TERESA STEPHENS
ROBERT GRAY
ROAD SUPERVISOR: JASON BONNER, DIRECTOR OF ASSOC. DIV.
JASPER HAYES, SR. ASSOC. WORKER

BRIDGE
BRANCH MANAGER : D. DELANO
ROAD SUPERVISOR : D. HAALIS

P.E. NO : 20227100

PREPARED BY:
OKLAHOMA DEPARTMENT OF TRANSPORTATION
BRIDGE DESIGN DIVISION
DONALD C. DELANO, P.E.
OKLA. REG. NO. 12500
DATE :

OKLAHOMA DEPARTMENT OF TRANSPORTATION
DATE APPROVED
BY
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED
BY
DIVISION ADMINISTRATOR

BRD 404(K)(1) PROJECT NO. BRFY-081N(06)0 SHEET NO. 1
GRADY COUNTY U.S. 81

OKR2014469
OKLAHOMA DEPARTMENT OF TRANSPORTATION
CANADIAN RIVER
U.S. HIGHWAY 18 BRIDGE REPLACEMENT
ENCLOSURE 2 OF 3