OKR2014238
CITY OF NORMAN, OKLAHOMA
LITTLE RIVER
BRIDGE REPLACEMENT
ENCLOSURE 1 OF 10

FED.ROAD DIST.NO.	PROJECT NO.	SHEET NO.	TOTAL SHEETS
6		1	

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED

CITY STREET & BRIDGE

FEDERAL AID PROJECT NO. STP-114D(044)AG
GRADING, DRAINAGE, SURFACING, BRIDGE, SIGNING & STRIPING PLANS

12TH AVENUE N.W. BRIDGE

CLEVELAND COUNTY
STATE JOB NO. 18207(04)
LOCATION NO. 14N31I0E1200003
OLD NBI NO. 08319
NEW NBI NO. XXXXX

UTILITY LOCATION NUMBERS

STATE-WIDE 1-800-522-6543
OUT-OF-STATE 1-800-654-8249

THESE NUMBERS ARE TO BE USED FOR INFORMATION ON THE LOCATION OF ALL UNDERGROUND UTILITIES. CONTACT THESE NUMBERS PRIOR TO ANY EXCAVATION.

SURVEY CONTROL DATA

1. HORIZONTAL CONTROL:
   A. HORIZONTAL CONTROL FOR THIS SURVEY IS THE OKLAHOMA DEPARTMENT OF TRANSPORTATION PLANE COORDINATE SYSTEM, LAMBERT PROJECTION (SOUTH ZONE.) ALL COORDINATES SHOWN ARE OKLAHOMA DEPARTMENT OF TRANSPORTATION PLANE COORDINATES WHICH WERE DERIVED BY MULTIPLYING THE USC&GS OKLAHOMA PLANE COORDINATES BY THE COMBINED ADJUSTMENT FACTOR OF 1.0010. THE OKLAHOMA DEPARTMENT OF TRANSPORTATION COORDINATE SYSTEM PLANE IS 2350 FEET ABOVE THE OKLAHOMA USC&GS PLANE.
   B. ACCURACY - 3RD. ORDER OR BETTER
2. BEARINGS:
   THE BEARING SHOWN HEREIN OR HEREON ARE GRID BEARINGS DERIVED FROM THE USC&GS OKLAHOMA PLANE COORDINATE SYSTEM AND ARE NOT ASTRONOMICAL.
3. VERTICAL CONTROLS:
   A. LEVEL DATUM IS MEAN SEA LEVEL (USC&GS).
   B. ACCURACY - 3RD. ORDER OR BETTER.

DESIGN DATA

ADT (2004)	=	1313 VPD
ADT (2024)	=	1951 VPD
K	=	2%
D	=	60%
T(ADT)	=	17%
T(DHV)	=	1%
T3(ADT)	=	1%
V	=	50 MPH
ESAL'S	=	0.3 M

SCALES

1"

PLAN	1" = 20'
PROFILE HOR.	1" = 20'
VER.	1" = 2'
LAYOUT MAP	1" = 2000'

CONVENTIONAL SYMBOLS

PROPOSED ROAD
EASEMENTS
RANGE & TOWNSHIP
SECTION LINES
QUARTER SECTION LINES
FENCES
GROUND LINE
EXISTING ROADS
RAIL LINE
CANAL LINES
TELEPHONE & TELEGRAPH
POWER LINES
OIL WELLS
BUILDINGS
DRAINAGE STRUCTURES - IN PLACE
DRAINAGE STRUCTURES - NEW
RIGHT-OF-WAY LINES - EXISTING
RIGHT-OF-WAY LINES - NEW
RIGHT-OF-WAY MARKERS - IN PLACE
RIGHT-OF-WAY MARKERS - REMOVE & REPLACE
RIGHT-OF-WAY MARKERS - NEW
CONTROLLED ACCESS
RIGHT-OF-WAY FENCE

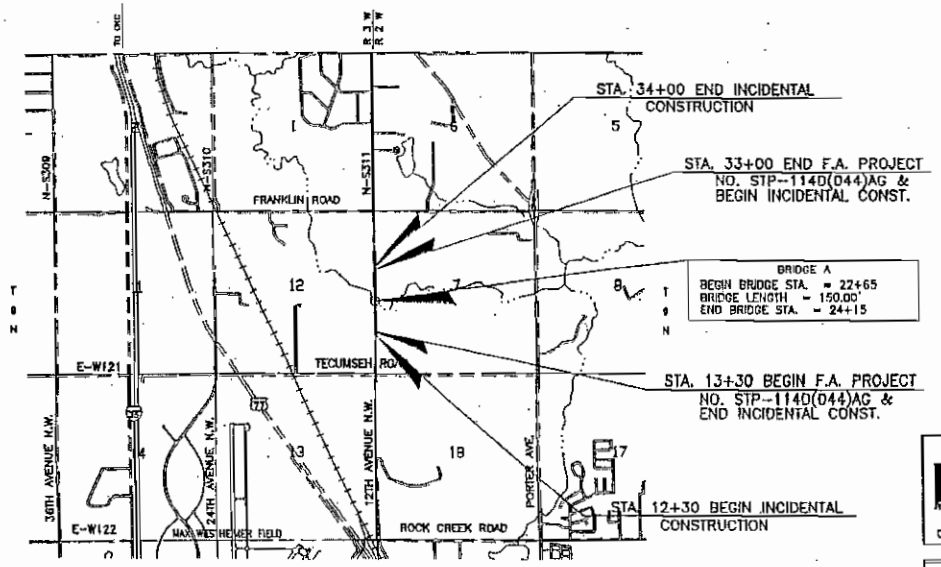
CONVENTIONAL SYMBOLS

EXIST. GUY POLE
EXIST. IRON PIN
EXIST. UTILITY POLE
EXIST. LIGHT POLE
EXIST. SIGN
EXIST. CONTROLLER
EXIST. DRAINAGE MANHOLE
EXIST. HYDRANT
EXIST. GAS VALVE
EXIST. SEWER MANHOLE
EXIST. WATER VALVE
EXIST. POWER POLE
EXIST. ELECTRIC RISER
EXIST. WATER METER
EXIST. TELEPHONE RISER
EXIST. GAS RISER
EXIST. SS CLEANOUT
PROPOSED MANHOLE
PROPOSED VALVE
PROPOSED FIRE HYDRANT

CONVENTIONAL SIGNS

INTERSTATE HIGHWAY
U.S. HIGHWAY
STATE HIGHWAY

1999 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION-ENGLISH COVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, SEPTEMBER 21, 1999.



NORMAN, OKLAHOMA
INC. POPULATION 80,071
(1990 CENSUS)

THIS PROJECT LIES ENTIRELY WITHIN THE CORPORATE LIMITS OF THE CITY OF NORMAN

ROADWAY LENGTH	1,820.00 FT.	0.345 MILES
BRIDGE LENGTH	150.00 FT.	0.028 MILES
PROJECT LENGTH		0.373 MILES

INDEX OF SHEETS

1. TITLE SHEET
2. TYPICAL SECTIONS & MISCELLANEOUS DETAILS
3. SUMMARY OF PAY QUANTITIES & GENERAL NOTES - ROADWAY/TRAFFIC
4. SUMMARY SHEET
5. SUMMARY OF PAY QUANTITIES & GENERAL NOTES - BRIDGE
6-10. PLAN & PROFILE SHEETS - 12TH AVE. N.W.
11. PAVEMENT MARKING DETAILS & DETAILS OF SIGNS
12. GENERAL PLAN & ELEVATION - BRIDGE A
13. TYPICAL SECTION AND LONGITUDINAL SECTION
14. STORMWATER POLLUTION PREVENTION PLAN
15-20. CROSS SECTIONS

THE FOLLOWING STANDARDS WILL BE REQUIRED FOR THIS PROJECT.

SPI-3-00E	PM1-1-02E	TR3-1-01E
PCCS-3-00E	PM2-1-01E	PI-2-00E
MI-2-00E	PM6-1-00E	
RDI-2-00E	DUI-1-00E	
DC-2-01E	RSD1-1-00E	
RWF2-1-00E	WSD1-1-00E	
RWF3-1-01E	SBS1-1-00E	
ASCD-4-01E	SBS2-1-00E	
PUD-2-00E	GMS1-1-00E	
ECM2-2-01E	SSA2-1-00E	
TSC2-2-00E	TCS1-1-02E	
GRAU1-1-01E	TCS2-1-00E	
GRI1-3-01E	TCS4-1-00E	
TSD-1-00E	TCS5-1-00E	
GET-2-00E	TCS6-1-00E	
CET4D-2-00E	TCS7-1-00E	
FHTCP-2-00E	TCS8-1-00E	
FGS1-1-00E	TCS9-1-00E	
	TCS48-1-00E	

PLAN-IN-HAND

SUBMITTED BY:
ROBERT B. HENDRICK & SONS CO., INC.
CONSULTING ENGINEERS

DATE
C.A.NO. 1581 (EXP. 6/30/05)

ROBERT ALAN HENDRICK, P.E.
OKLA. REG. NO. 13066

DATE APPROVED	DATE APPROVED
BY:	BY:
CAPITAL PROJECTS ENGINEER	DIRECTOR OF PUBLIC WORKS
CITY OF NORMAN, OKLAHOMA	CITY OF NORMAN, OKLAHOMA

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR

BRIDGE DIVISION - NIKE RATBURN, KEVIN BISHOP
LOCAL GOVERNMENT - PAUL GODDARD
P.E. NO. 18207(01)