OKR3012187
OKLAHOMA DEPARTMENT OF TRANSPORTATION
ARKANSAS RIVER
INTERSTATE 40 BRIDGE
ENCLOSURE 1 OF 6

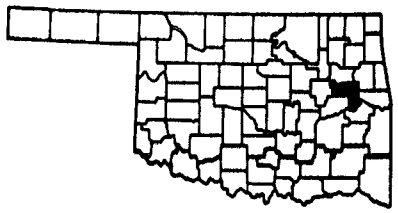
FED. ROAD DIST. NO.	STATE	FEDL. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
6	OKLA.			

REVISIONS

DESCRIPTION	DATE
⚠ ADDED SHEET NO. 42A TO BOOK AFTER LETTING	6-17-2002

STATE OF OKLAHOMA

DEPARTMENT OF TRANSPORTATION



PLAN OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT NO. IMY-0040-6(288)290

BRIDGE REPAIR

INTERSTATE HIGHWAY NO. I-40

MUSKOGEE/SEQUOYAH COUNTIES

CONTROL SECTION 40-68-22

STATE JOB NO. 20029(05)

BRIDGE NBI NO. 17051

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION - ROADWAY
3	SUMMARY OF PAY QUANT. & NOTES - ROADWAY
4	SUMMARY OF PAY QUANT. & GEN. NOTES - BRIDGE
5	PLAN & PROFILE
6	STORMWATER POLLUTION PREVENTION PLAN
7	DETAIL SHEET
8-10	GENERAL PLAN & ELEVATION - BRIDGE 'A'
11	SUBSTRUCTURE LAYOUT
12	ABUTMENT EXCAVATION AND UNDERDRAIN DETAILS
13-14	ABUTMENT DETAILS
15-18	PIER DETAILS
19-21	SUPERSTRUCTURE DETAILS - SPANS 1, 2 & 3
22-23	SLAB LAYOUT - SPANS 1, 2 & 3
24-25	DETAILS OF SEALED EXPANSION JOINT - PIER 1
26-27	DETAILS OF MODULAR EXPANSION JOINT - PIER 3
28-29	BULB TEE BEAM DETAILS - SPANS 1, 2 & 3
30	BEARING ASSEMBLY DETAILS - SPANS 1, 2 & 3
31	BEAM AND DIAPHRAGM LAYOUT - SPANS 1, 2 & 3
32	BULB TEE BEAM AND DIAPHRAGM DETAILS - SPANS 1, 2 & 3
33-36	APPROACH SLAB DETAILS
37-38	DRAIN AT END OF BRIDGE DETAILS
39	DELETED
40	SPAN 4 TYPICAL CROSS SECTION
41	SPAN 4 SLAB REINFORCING PLAN
42	SPAN 4 BEAM FRAMING PLAN
⚠ 42A	SPAN 4 FLAME-STRAIGHTENING
43	PLATE GRIDER ELEVATION AND DETAIL @ EXP. JOINT
44	SPAN 4 PLATE GRIDERS FIELD SPLICE AND NOTES
45	BEARING DETAILS PIER NO.3 SPAN 4 & STIFFENER DETAILS
46	DETAILS OF LATERAL BRACING VIBRATION DAMPENER
47	SPAN 4 CALC. PLAN
48	INTERMEDIATE CROSS FRAME LAYOUTS
49	END CROSS FRAME LAYOUTS

THE FOLLOWING STANDARDS WILL BE REQUIRED FOR THIS PROJECT:

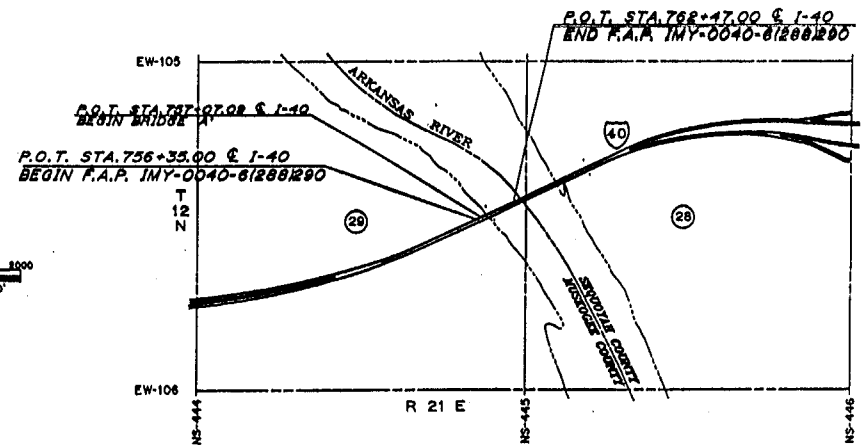
SPI-3-00E	MB-3-01E	PM5-1-00E	TCS6-1-00E
RWFI-1-01E	ECM2-2-01E	PM6-1-00E	TCS7-1-00E
PCPR-2-00E	TSC2-2-00E	TCS1-1-02E	TCS9-1-00E
LECS-3-01E	GRAU1-1-01E	TCS2-1-00E	TCS10-1-00E
LTU-3-00E	GRH-3-00E	TCS3-1-00E	TCS31-1-00E
CSCD-4-01E	HPI-1-01E	TCS4-1-00E	TCS65-1-00E
PUD-2-00E	PM1-1-00E	TCS5-1-00E	TCS66-1-00E

PTR-1-21 (OBSOLETE)

DESIGN DATA

ADT 2002 = 19,600

V = 70 mph



SCALE

PLAN 1" = 50'

PROFILE HOR. 1" = 50'

VER. 1" = 5'

LAYOUT MAP 1" = 1000'

LEVEL DATUM IS MEAN SEA LEVEL (U.S.C. & G.S.)

BEARINGS ARE GRID BEARINGS IN THE O.S.H.D. PLANE COORDINATE SYSTEM.

SCALE 1" = 1000'

CONVENTIONAL SIGNS

PROPOSED ROAD
RAILROADS
RANGE & TOWNSHIP LINES
SECTION LINES
QUARTER SECTION LINES
FENCES
GROUND LINE
EXISTING ROADS
BASE LINE
GRADE 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 & RESET
RIGHT-OF-WAY MARKERS-NEW
CONTROLLED ACCESS
SS EXISTING SANITARY SEWERS
G EXISTING GAS LINES
W EXISTING WATER LINES
TUG EXISTING TELEPHONE CABLES UNDERGROUND

INTERSTATE HIGHWAY
U.S. HIGHWAY
STATE HIGHWAY

BEFORE YOU DIG... CALL OKIE 1-800-522-6543

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

ROADWAY LENGTH	72.09 FT.	0.014	MILES
BRIDGE LENGTH	539.91 FT.	0.102	MILES
PROJECT LENGTH	612.00 FT.	0.116	MILES
EQUATIONS	NONE		
EXCEPTIONS	NONE		

PREPARED AND SUBMITTED BY:

POE & ASSOCIATES INC.
Oklahoma City, Oklahoma

T. R. Purkeypile
DATE 6/9/02
OKLA. REG. NO. 16021

REGISTERED PROFESSIONAL ENGINEER TIMOTHY RAY PURKEYPILE 16021 OKLAHOMA

E. Gene McCollom
DATE 6/9/02
OKLA. REG. NO. 6270

REGISTERED PROFESSIONAL ENGINEER E. GENE McCOLLOM 6270 OKLAHOMA

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