SURVEY CONTROL DATA

- HORIZONTAL DATUM IS THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, N.A.D. 83(2011) LAMBERT PROJECTION, SOUTH ZONE ADJUSTED TO N.G.S. STATE PLANE COORDINATES, UTILIZING OPUS.
- THE BEARINGS SHOWN HEREIN OR HEREON ARE GRID BEARINGS DERIVED FROM THE USC & GS OKLAHOMA PLANE COORDINATE SYSTEM AND ARE NOT ASTRONOMICAL.
- VERTICAL CONTROLS:
- LEVEL DATUM IS NGS, NAVD 88, TAKEN FROM ADJUSTED PRIMARY CONTROL UTILIZING DIFFERENTIAL LEVELING TECHNIQUES. ACCURACY 3RD ORDER OR BETTER

LATITUDE

36° 11' 97° 07'

17" 09"

PAYNE COUNTY

COMMISSIONER DISTRICT

W

PLAN OFPROPOSED

0001. AR01. B001-B003. R001.

TITLE SHEET
SUMMARY OF PAY ITEMS AND GENERAL NOTES
DETAILS OF RCB CULVERT
PLAN, PROFILE & SECTION

SHEET NO.

DESCRIPTION

INDEX OF SHEETS

BRIDGE AND APPROACH PLANS

McMURTRY ROAD (EW-57) OVER TRIBUTARY TO COW CREEK

REMOVE NBI NO. 07049 CONSTRUCT NBI NO. LOCATION: 60E0570N3300004 LOCAL ID: 014A

PROFILE HOR. PROFILE VER. CONVENTIONAL SIGNS LAYOUT MAP ADT 2020 ADT 2040 V **DESIGN DATA** PLAN **SCALES** 1" = 10,560" EXISTING GRADE EXISTING ROADS PROPOSED ROADS SECTION LINES SECTION LINES 1" = 100' 1" = 100' 45 M.P.H. ×× BEGIN BRIDGE "A" BRIDGE LENGTH END BRIDGE "A" STA. 0+50 BEG. PROJECT 2+18.32 37.00' 2+55.32 NS 296 NS 297 NS 298 NS 299 NS 330 NS 331 NS 332 TO PONCA CITY

PAYNE COUNTY COMMISSIONER

EW 57

EW 56

EW 58

NS 334

NS 335

EW 55

DISTRICT NO. 3 DATE:

DATE:

ATTEST

COUNTY CLERK

R-1-E R-2-E

PERKINS

EW 62

EW 61

EW 60

EW 59

PROJECT LENGTH BASED ON C.R.L.

ROADWAY LENGTH: BRIDGE "A" LENGTH: 37.00 FT. 313.00 FT. 0.059 MILES 0.007 MILES 0.066 MILES

PROJECT LENGTH: **EQUATIONS:**

NONE

EXCEPTIONS:

OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION GOVERN, OVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY INSTRATION, DECEMBER 28, 2019.

LOCATION MAP

AGE STRUCTURES (EXISTING)
AGE STRUCTURES (PROPOSED)
-OF-WAY LINES (EXISTING)
-OF-WAY FENCE
INE (EXISTING)
INE (PROPOSED)
F SLOPE (EXISTING)
F SLOPE (PROPOSED)

STA.4+00 END PROJECT

PREPARED BY:
CEC CORPORATION
CA32 6/30/22
OKLAHOMA CITY, OKLAHOMA

AARON FINLEY OKLA. REG. NO. 24264

NONE

(BRIDGE IN PLACE)

| 0200 - BRIDGE | BRIDGE | BRIDGE "A" PAY QUANTITIES | NTITIES | | |
|---------------|--------|--|---------------------|-------|-----------|
| | | TRIPLE 11' X 6.5' X 40' REINFORCED CONCRETE BOX W/6' CURTAIN WALLS | TE BOX W/6' CURTAIN | WALLS | |
| ITEM | X | DESCRIPTION | | STINU | QUANTITY |
| 202(A) | 2200 | UNCLASSIFIED EXCAVATION | (R-1) | 악 | 256.00 |
| 303(A) | 1200 | AGGREGATE BASE TYPE A | (R-1)(1) | 앗 | 209.00 |
| 509(A) | 0210 | CLASS AA CONCRETE | (R-1)(2) | 악 | 228.00 |
| 511(A) | 2210 | REINFORCING STEEL | (R-1) | ГВ | 43,180.00 |
| 601(B) | 1353 | 1353 TYPE I-A PLAIN RIPRAP | (3) | NOT | 210.00 |

PAY QUANTITY NOTES

- (R-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.
- (3) \exists AGGREGATE BASE TO BE PLACED UNDER AND AROUND BARRELS OF RCB AS INDICATED IN DETAIL ON SHEET BOOT, AND ALSO UNDER DOWNSTREAM APRON AS INDICATED ON SHEET ROOT. AGGREGATE BASE SHALL BE PLACED IN LIFTS NO DEEPER THAN 8", AND EACH LIFT SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS INDICATED IN SECTION 303.04 OF THE STANDARD SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF DENSITY. CONTRACTOR SHALL BE RESPONSIBLE FOR CONCRETE STRENGTH TESTING.
- ESTIMATED AT 140 LBS./CU. FT.

GENERAL NOTES

SPECIFICATIONS: COMPLY WITH THE REQUIREMENTS OF THE 2019 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, DECEMBER 28, 2019, EXCEPT AS MODIFIED BY THE PLANS AND SPECIAL PROVISIONS.

IN ADDITION TO THE RESPONSIBILITIES SHOWN IN THE SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND/OR ESTABLISHING NEW BENCH MARKS AS NEEDED TO CONSTRUCT THE PROJECT.

ALL TREES, BRUSH AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER SHALL BE CLEANED OUT TO THE RIGHT-OF-WAY LINE, AT EACH STRUCTURE AND BRIDGE, IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

ALL FLOWLINES THAT ARE TO BE FILLED SH DRAINAGE STRUCTURES. ALL COST TO BE I NALL BE THOROUGHLY TAMPED BEFORE CONSTRUCTION OR EXTENSION OF INCLUDED IN OTHER ITEMS OF WORK.

CREEK AND RIVER BANKS SHALL BE KEPT IN THEIR NATURAL STATE AS MUCH AS POSSIBLE. THE CONTRACTOR SHALL NOT UNDULY STRIP EXISTING PROTECTIVE VEGETATION IN THE VICINITY OF THE STREAM BANKS AND SHALL SO CONDUCT HIS OPERATIONS AS NOT TO DAMAGE THE BANKS WITH HIS EQUIPMENT. NO BANK UPSTREAM OR DOWNSTREAM SHALL BE EXCAVABLE EXCEVED EXCEPT AS APPROVED FOR AND AS SHOWN ON THE PLANS. NO WORK ROADS SHALL BE CONSTRUCTED UPSTREAM WHERE IT IS NECESSARY TO CUT THE STREAM OR RIVER BANKS EXCEPT BY THE APPROVAL OF THE ENGINEER. BANK CUTS FOR WORK ROADS SHALL BE LOCATED DOWNSTREAM AND REPLACED BY THE CONTRACTOR TO THEIR ORIGINAL SHAPE AND DENSITY. UNNECESSARY STRIPPING OF VEGETATION GROWTH ALONG BANKS IN THE CONSTRUCTION AREA IS NOT PERMITTED.

ROADWAY SHALL BE CLOSED TO THROUGH TRAFFIC DURING THE CONSTRUCTION PERIOD.

(CAUTION) THE LOCATION AND DEPTH OF ALL UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES HE MAY INFLICT TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF HIS DIGGING, TRENCHING, BORING, ETC. PRIOR TO DIGGING NEAR UTILITIES. IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ONE-CALL SYSTEM, INC. 48 HOURS PRIOR TO BEGINNING EXCANATION. OKLAHOMA ONE-CALL SYSTEM, INC. "CALL OKIE1" 1-800-522-6543 OR 811.

IN ADDITION TO THE RESPONSIBILITIES SHOWN IN THE SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND/OR ESTABLISHING NEW BENCH MARKS AS NEEDED TO CONSTRUCT THE PROJECT.

THE CONTRACTOR SHALL CONSTRUCT THE REINFORCED CONCRETE BOX STRUCTURE AS DETAILED HEREIN, BUT IS ONLY RESPONSIBLE FOR BACKFILLING AGGREGATE BASE AS SHOWN IN THE "PLACEMENT OF TYPE A AGGREGATE BASE" DETAIL ON SHEET BOO1. ALL OTHER BACKFILL AND ROADWAY RECONSTRUCTION SHALL BE COMPLETED BY THE COUNTY.

NO ADDITIONAL RIGHT-OF-WAY HAS BEEN PURCH WITHIN THE EXISTING STATUTORY RIGHT-OF-WAY. JRCHASED FOR THIS PROJECT; CONTRACTOR SHALL CONDUCT HIS OPERATIONS

THE CONTRACTOR SHALL NOTIFY THE PAYNE PRIOR TO BEGINNING CONSTRUCTION. COUNTY DISTRICT 3 COMMISSIONER, IN WRITING, FOURTEEN CALENDAR DAYS

BRIDGE 014A

PAYNE COUNTY

SUMMARY OF PAY QUANTITIES AND GENERAL NOTES







