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P.O. Box 72
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Phone 573.785.9621
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ADDENDUM NO. 1

DATE: January 7, 2019

PROJECT: Wayne County Road 380 Bridge

PROJECT No.: S&C # P170175

LETTING DATE: Thursday January 17th, 2019 at 10:00 AM

LOCATION: Wayne County Courthouse, Greenville, MO

OWNER: Wayne County Commission

ENGINEER: S. H. Smith & Company, Inc. of Poplar Bluff, Missouri

SUBJECT: Project Details (Project Plans)

1. There was a discrepancy in the bottom of wall elevation for the proposed concrete wings and headwalls. There was also a need for additional clarification on the top of pile elevation.

For the project plans; replace sheet 3 "Plan and Profile" with the attached revised sheet.

Sincerely,

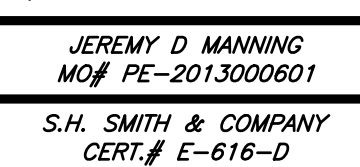
SMITH & CO.
ENGINEERS


Jeremy Manning, P.E.
Project Manager



FROM THE NORTHEAST CORNER OF SECTION 20, TOWNSHIP 29 NORTH,
RANGE 5 EAST OF THE FIFTH PRINCIPAL MERIDIAN, WAYNE COUNTY,
MISSOURI, MEASURE 48° 05'45" W. ALONG THE SECTION LINE A
DISTANCE OF 398.46 FEET; THENCE, S 7° 00'41" W. A DISTANCE OF 134.11
FEET TO THE POINT OF BEGINNING OF THE CURVE; THENCE, AT AN
ARC DISTANCE OF 0+00.00 FROM WHICH SAID PROJECT CENTER LINE EXTENDS
SOUTHEASTERLY AS FOLLOWS: THENCE, S 70° 42'38" E. A DISTANCE OF
7.86 FEET TO POINT STATION 4+07.86 OF A CURVE TO THE RIGHT HAVING A
RADIUS OF 484.24 FEET, A CHORD LENGTH OF 90.78 FEET AND A CHORD
BEARING OF 65° 26'22" E. ALONG SAID CHORD A DISTANCE OF 21.11 FEET
TO THE POINT OF BEGINNING OF THE CURVE; THENCE, AT AN ARC DISTANCE
OF 0+39.96 FEET TO POINT STATION 4+39.96, THENCE, S 60° 19'10" E. A DISTANCE OF 93.96 FEET TO POINT STATION 1+72.72 OF A
CURVE TO THE RIGHT HAVING A RADIUS OF 85.42 FEET, A CHORD
LENGTH OF 21.11 FEET AND A CHORD BEARING OF S 5° 53'07" E.
THENCE, ALONG SAID CURVE TO THE RIGHT AN ARC DISTANCE OF 21.20
FEET TO THE POINT OF BEGINNING OF THE CURVE; THENCE, AT A DISTANCE OF
24.09 FEET TO END OF PROJECT STATION 2+37.98.

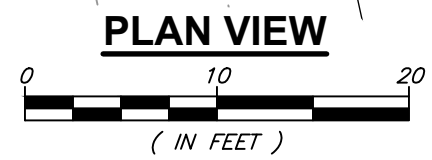
SECTION 20, T29N, R5E
BRIDGE NO. 1670019



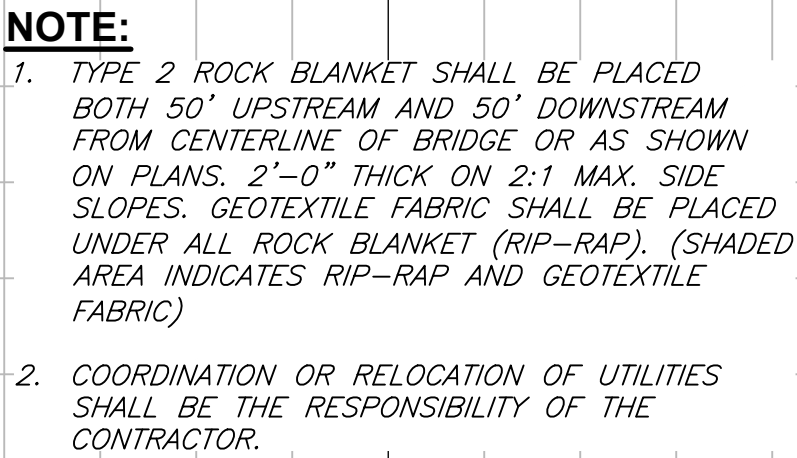
SURVEYED BY: CB/BC
 DESIGNED BY: JDM
 DRAWN BY: DKH
 CHECKED BY: JDM
 FIELD BOOK: 517

DATE: 3-17
 DATE: 8-17
 DATE: 9-17
 DATE: 9-17

0 0 0 0
 THIS BAR WILL MEASURE 1"
 WHEN PRINTED AT FULL SCALE.



CONCRETE FOR PRE-STRESSED BEAMS $f'_c = 6000$ psi
STRENGTH OF CONCRETE AT INITIAL PRE-STRESS $f'_{ci} = 5000$ psi
REINFORCING STEEL (GRADE 60) $F_y = 60,000$ PSI
PRE-STRESSING STEEL ($1/2"$ DIA.) $f_s = 270,000$ PSI
MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE $1 \frac{1}{2}"$ UNLESS OTHERWISE SHOWN.



DESIGN SPECIFICATIONS:
AASHTO-2002 STANDARD SPECIFICATIONS FOR
BRIDGE, 17TH EDITION FHWA TECHNICAL
ADVISORY ON SCOUR AT BRIDGES,
FHWA-IP-90-017 DATED MAY 2001.
CONSTRUCTION SHALL FOLLOW THE
SPECIFICATIONS AS STATED IN THE "MISSOURI:
STANDARD SPECIFICATIONS FOR HIGHWAY
CONSTRUCTION" LATEST EDITION.

DESIGN LOADING:
HS20-44 35# PER SQ. FT. FUTURE WEARING
SURFACE EARTH 120# PER SQ. FT., FLUID
PRESSURE 45# PER CU. FT. CLASS B1
CONCRETE (STRUCTURE EXCEPT PRESTRESSED
BEAMS)

$f'_c = 4,000$ psi SUPERSTRUCTURE: SIMPLY
SUPPORTED NON-COMPOSITE FOR DEAD LOAD.

OFF SYSTEM RURAL LOCAL ROAD WITH ADT < 250 & 10% TRUCK TRAFFIC

* THE PROPOSED CONCRETE WEARING SURFACE TO BE INCLUDED IN ORIGINAL DEAD LOAD CALCULATIONS. THE PROPOSED CONCRETE WEARING SURFACE LOAD SHALL NOT BE ACCOUNTED FOR AS A FUTURE WEARING SURFACE LOAD.

THIS DOCUMENT GRAPHICALLY REPRESENTS THE RESULTS OF A TOPOGRAPHIC AND/OR EXISTING CONDITIONS SURVEY. PROPERTY LINES MAY BE INDICATED FOR REFERENCE OR GENERAL PLANNING PURPOSES. EXISTING PROPERTY CORNERS THAT WERE READILY FOUND MAY BE SHOWN. HOWEVER, THIS SURVEY DOES NOT CONSTITUTE NOR IS IT INTENDED TO FUNCTION AS A PROPERTY BOUNDARY SURVEY, AS DEFINED BY 4 CSR 30-16 (MISSOURI). THIS IS NOT A CONSTRUCTION DOCUMENT.