REVISIONS		
REV. NO.	DESCRIPTION	DATE

TOE OF SLOPE
PT STA. 24+50.03
PT STA. 23+80.44
guard rail
25+00
26+00
2864+00
27+00
CL I-35
PI STA. 27+06.64
PI STA. 27+36.21
1/16TH LINE
N 89°47'48.82" E
EXISTING BRIDGE
28+00
29+00
30+00
24+00
CURVE #1
R = 400.00'
3.8°
+05.17
2.00%
+52.7
LEVEL
1:3
B-2
90° (TYP.)
+01
2.00%
1:6
5" CONC. SLOPE WALL
1'-6" F-SHAPED PARAPET
3'-9"
PT. OF MIN. VERT. CLR.
69.86' MIN. HOR. CLR.
32'-0" CLEAR ROADWAY
35'-0"
TEMP. RETAINING STR. (CONTRACTOR DESIGN)
VARIES
POT STA. 26+26.20 C.R.L. ROCK CRUSHER ROAD
POC STA. 2863+19.71 CL I-35
B-3
B-4
2.00%
CL SURVEY
N 59°44'25.77" E
4'-0" SHLDR.
12'-0" LANE
C.R.L. ROCK CRUSHER ROAD
N 55°44'25.77" E
MS-28 SECTION LINE
N 00°28'28.58" W
2863+00
BEGIN APPROACH SLAB
STA. 24+05.17
BEGIN BRIDGE
STA. 24+35.17
CL PIER NO. 1
STA. 25+01.00
CL PIER NO. 2
STA. 26+36.00
END BRIDGE
STA. 27+71.75
END APPROACH SLAB
STA. 28+06.75
FUTURE WIDENING
30'-0"
33.13' MIN. HOR. CLR.
49.86' MIN. HOR. CLR.
1'-6" F-SHAPED PARAPET
12'-0"
R = 12,277.63'
126'-0" MEDIAN
10'-0" SHLDR.
24'-0" ROADWAY
4'-0" SHLDR.
3" Min. w/ Hot Pavement
PRES. R/W
2
SEE RDWY. PLANS
FO
SAW W/ Hot Pavement
BM #5 - #6 REBAR STAKE 30" LONG DRIVEN FLUSH
STA. 19+72.22, 96.89' RT. CL SURVEY
EL. 902.78
BM #3 - #6 REBAR STAKE 30" LONG DRIVEN FLUSH
STA. 31+27.67, 95.22' LT. CL SURVEY
EL. 876.98

PLAN
SCALE: 1"=20'-0"

BRIDGE LENGTH = 336'-7"
65'-10"
135'-0"
135'-9"
BEGIN APPROACH SLAB STA. 24+05.17 P.G. EL. 899.10
BEGIN BRIDGE STA. 24+35.17 P.G. EL. 898.48
CL PIER NO. 1 STA. 25+01.00
CL PIER NO. 2 STA. 26+36.00
END BRIDGE STA. 27+71.73 P.G. EL. 888.38
END APPROACH SLAB STA. 28+06.75 P.G. EL. 887.00
TOP OF SUBGRADE EL. 896.61 STA. 24+25.19
BRIDGE SEAT EL. 893.03
FIX
EXP.
CONT. EXP.
TOP PIER CAP EL. 891.56
TOP PIER CAP EL. 888.90
TOP PIER CAP EL. 885.08
878.80
869.10
864.50
863.80
18.77' MIN. VERT. CLR.
17.00' MIN. VERT. CLR.
3
1
6
2
12
2-HP 10x42x94'-0" PILES SEE SHT. 47 FOR ELEVATIONS
3-HP 12x53x90'-0" PILES SEE SHT. 47 FOR ELEVATIONS
4-HP 12x53x91'-0" PILES SEE SHT. 47 FOR ELEVATIONS
TOP PILE CAP EL. 861.90
TOP PILE CAP EL. 859.08
5'-0" (TYP.)
EXIST. S.B. I-35
FUTURE WIDENING
EXIST. N.B. I-35
16-HP 14x73x55'-0" PILES SEE SHT. 47 FOR ELEVATIONS
16-HP 14x73x17'-0" PILES SEE SHT. 47 FOR ELEVATIONS
TOP OF COMPETENT ROCK EL. 841.00
INTERPRETED FOUNDATION MATERIAL LINE
TOP OF COMPETENT ROCK EL. 804.30
TOP OF COMPETENT ROCK EL. 805.60
TOP OF COMPETENT ROCK EL. 785.30
5" CONC. SLOPE WALL
BRIDGE SEAT EL. 880.40
TOP OF SUBGRADE EL. 885.38 STA. 27+94.95
PROFILE GRADE LINE
2-HP 10x42x96'-0" PILES SEE SHT. 47 FOR ELEVATIONS
EXISTING GROUND LINE ON C.R.L. ROCK CRUSHER ROAD
4-HP 12x53x94'-0" PILES SEE SHT. 47 FOR ELEVATIONS
5-HP 12x53x95'-0" PILES SEE SHT. 47 FOR ELEVATIONS
2-HP 10x42x101'-0" PILES SEE SHT. 47 FOR ELEVATIONS
899.20
896.98
894.25
891.01
887.27
883.02
940
920
900
880
860
840
820
800
780
24+00
25+00
26+00
27+00
28+00
29+00
B-1 772.60
B-2 748.60
744.50 B-3
B-4 753.80

ELEVATION
SCALE: 1"=20'-0"

NOTES:
1. FOR FOUNDATION REPORT SEE SHTS. 45 & 46.
2. FOR SUMMARY OF QUANTITIES, SEE SHT. 44.
3. FOR SLOPE PAVING DETAILS, SEE SHTS. 79 & 80.

STANDARDS

DESIGN NO.

FSHP-42-2-00E
EJ-SQ-04E
EJ-DTL-02E
HP-1-2-01E
LECS-4-1
PUD-3-2

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	G/K ENGR.	

ROCK CRUSHER RD. OVER I-35 — MURRAY COUNTY
BRIDGE "A"

GENERAL PLAN & ELEVATION

CONSTRUCT 65'-135'-135' TYPE III & TYPE J P.C. BEAM SPANS
x 32'-0" CLR. ROADWAY WITH F-SHAPE PARAPET
NO SKEW, CL STATION 26+05.96

JOB PIECE NO. 30363(04) SHEET NO. 43

X:\Odot\EC-1589B\Struc\Bridge_A\GP&E.dgn
3/2/2017