T 22 N, R 7 W, 3rd PM
SECTION 30

N&BC IN 16" TREE
53.95'
55.97'
34.89'
5/8" I-ROD
N&BC IN 12" CMP

POT STA 14+99.16
MAG NAIL

N&BC 1' FROM EOP
111.78'
26.42'
26.92'
5/8" I-ROD
N&BC 1' FROM EOP

POT STA 24+99.92
MAG NAIL

① PROPOSED PIPE CULVERT
CLASS D, TYPE 1, 15" X 22'
USFL = 464.60, STA 18+25.00, 27.1' LT
DSFL = 463.60, STA 18+47.00, 29.6' LT

② PROPOSED PIPE CULVERT
CLASS D, TYPE 1, 15" X 22'
USFL = 464.74, STA 18+39.70, 36.6' RT
DSFL = 463.53, STA 18+61.60, 39.6' RT

CULTIVATED
TIMBER
ROSALYN K. YETTER
GALEN GATHMAN, etux.
ALMA BAINTER
GLEN E. GATHMAN, etux.
CREEK
QUIVER

EXISTING STRUCTURE SN 063-3010
TO BE REMOVED

SECTION 07-00032-01-BR
BEGINS
STATION 18+25.00

SECTION 07-00032-01-BR
ENDS
STATION 21+75.00

PROPOSED LIMITS OF
CONSTRUCTION (TYP.)

℄ SURVEY & ℄ CONSTRUCTION

PROPOSED STRUCTURE SN 063-3011
STATION 20+00.00
SEE SH.#7 THRU 16 FOR DETAILS
SEE SH.#7 FOR HYDRAULICS

+37 FE
+51 FE
15"CMP TBR
EXISTING R.O.W. LINE
80' EXISTING R.O.W.
COUNTY HIGHWAY 3
(O&C)
BM

15 16 17 18 19 20 21 22 23 24 25

LEGEND

- TRANSITION TO OR FROM EXISTING TO PROPOSED TYPICAL PAVEMENT
- PROPOSED RIPRAP PLACEMENT
- SPECIAL DITCH WITH FLOW DIRECTION
- —T— EXISTING UNDERGROUND TELEPHONE LINE
- —G— EXISTING GAS LINE

GRAPHIC SCALE IN FEET
50' 0' 50'

T 22 N, R 7 W, 3rd PM
SECTION 30

BM - RAILROAD SPIKE IN 18" OAK TREE
STA. 18+17. 45 LT.
ELEV. 466.68

* BALANCE #2 STA. 19+27.50 TO STA 20+72.50
CHANNEL EXCAVATION = 790 CU YD

BALANCE #1 STA. 18+25.00 TO STA 19+27.50
EARTH EXCAVATION = 82 CU YD
EMBANKMENT = 112 CU YD

BM - CHISLED "□" ON WINGWALL
AT NE CORNER OF BRIDGE
ELEV. 469.87

BALANCE #3 STA. 20+72.50 TO STA 21+75.00
EARTH EXCAVATION = 80 CU YD
EMBANKMENT = 52 CU YD

BM - RAILROAD SPIKE IN 24" TREE
STA. 23+84. 57' LT.
ELEV. 461.64

EXISTING PROFILE GRADE LINE
PROPOSED PROFILE GRADE LINE
-0.26%
+0.00%
-0.03%
SD LT 2.60%
20YR HWE = 465.16
SBE = 453.00

480 475 470 465 460 455 450 445 440

	15+00	16+00	17+00	18+00	19+00	20+00	21+00	22+00	23+00	24+00	25+00
EXISTING PROFILE GRADE	476.26	474.87	473.65	472.25	471.07	470.15	469.70	+25 469.76	+47 SD LT 463.60		
PROPOSED PROFILE GRADE								469.69	469.70		
								469.43	469.57		
								+25 469.50(469.50)VPI			
								469.31	+40 SD LT 461.18		
								469.50	469.50		
								469.29	469.50		
								469.31	469.50		
								+75 469.50(469.50)VPI			
								469.49	469.49		
								469.50	469.48		
								+75 469.47	469.43		
								469.36	469.16	469.08	469.01	469.09	469.17

* CHANNEL EXCAVATION
THE CHANNEL SHALL BE EXCAVATED WITH 2:1 SIDE SLOPES AS SHOWN ON SHEET 7. TRANSITION FROM THE PROPOSED CHANNEL TO THE EXISTING UPSTREAM & DOWNSTREAM CHANNEL WITHIN THE LIMITS OF CONSTRUCTION. SUITABLE EXCAVATION MATERIAL SHALL BE USED IN THE EMBANKMENT AS DIRECTED BY THE ENGINEER.
CHANNEL EXCAVATION = 790 CU YD

PLAN — DRAWN / PLOTTED / ALIGNMENT CHECKED / GRADES CHECKED / BAR WORK VERIFIED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — DRAWN / PLOTTED / GRADES CHECKED / BAR WORK VERIFIED / STRUCTURE NO. / ATTNS CHKD / NOTE BOOK / NO. / BY / DATE

FILE NAME = V:\Bridge\2618 Mason\2618p001.dgn	USER NAME = jwhite	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/5/2009	DATE -	REVISED -

MASON COUNTY
COUNTY HIGHWAY 3
OVER QUIVER CREEK

PLAN AND PROFILE

SCALE: 1" = 50'-0" | SHEET NO. 1 OF 1 SHEETS | STA. 18+25.00 TO STA. 21+75.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
568	07-00032-01-BR	MASON	21	6
		CONTRACT NO. 93505		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-0568(102)		