NOTE:
SEE SCHEDULES FOR INDIVIDUAL TREE REMOVAL.

N&BC IN 12" TREE
48.1' 52.30° 71.37'
5/8" I. ROD
N&BC IN CP
POT STA 36+00.00
SURVEY SPIKE

PASTURE

STA 40+50 LT
PROPOSED PIPE CULVERT,
CLASS D, TYPE 2, 24" x 58'
USFL 634.71, STA 40+26.00, 35.4' LT
DSFL 631.01, STA 40+83.70, 40.7' LT

⑪ CONCRETE PAD
T.B.R.
CHARLES K. & BETTY MEISENHEIMER

TEMPORARY EASEMENT FOR THE PURPOSE OF REMOVING CONCRETE PAD

⑤ STA 40+76.3 77.3' LT
⑥ STA 41+63.0 92.6' LT
⑦ STA 41+68.2 63.5' LT
⑧ STA 40+81.5 48.2' LT

T 12 N, R 9 W, 3rd PM
SECTION 36

EXISTING STRUCTURE SN 059-5003 TO BE REMOVED

PROPOSED R.O.W. LINE (TYP.)

PROPOSED LIMITS OF CONSTRUCTION (TYP.)

EXISTING R.O.W. LINE (TYP.)

SHAPE TO DRAIN

18"CMP TBR

SECTION 07-00090-00-BR ENDS STATION 48+00.00

HOUSE

SHED

SHRUB

10"CPP

F.A.S. 732 (C.H. 12)

TREE LINE

CREEK

LEGEND

- SPECIAL DITCH WITH FLOW DIRECTION
- STANDARD DITCH WITH FLOW DIRECTION
- TRANSITION TO OR FROM EXISTING TO PROPOSED TYPICAL PAVEMENT
- PROPOSED RIPRAP PLACEMENT

TEMPORARY EASEMENT FOR PURPOSE OF RECONSTRUCTING FIELD ENTRANCE

℄ SURVEY & ℄ CONSTRUCTION

① STA 36+37.4 58.2' RT
② STA 36+97.2 78.6' RT
③ STA 36+87.6 107.0' RT
④ STA 36+27.7 86.6' RT

⑨ EXISTING PAVED DITCH TO BE REMOVED (SEE SCHEDULE)

⑩ PROPOSED BRIDGE APPROACH PAVEMENT SEE DETAILS SHEET NO.'s 50 & 51

CHARLES K. & BETTY MEISENHEIMER

PROPOSED STRUCTURE SN 059-3557
STATION 43+82.24
SEE SH.#30 THRU 51 FOR DETAILS
SEE SH.#30 FOR HYDRAULICS

T 11 N, R 9 W, 3rd PM
SECTION 1

N&BC IN PP
55.2' 67.84' TOP CEN. OF FH
36.48'
N&BC IN CP
POT STA 48+50.00
SURVEY SPIKE

BRADLEY K. MEISENHEIMER

50' 0' 50'
GRAPHIC SCALE IN FEET

BM - RAILROAD SPIKE IN POWER POLE
STA. 41+44, 48' LT.
ELEV. 632.63

BM - CHISLED "□" ON NW CORNER OF HEADWALL OF CULVERT.
STA. 43+55, 24' LT.
ELEV. 624.14

BM - RAILROAD SPIKE IN POWER POLE
STA. 46+54, 47' LT.
ELEV. 653.72

BM - RAILROAD SPIKE IN POWER POLE
STA. 49+32, 52' LT.
ELEV. 667.44

*BALANCE #4
STA. 43+08.99 TO STA 44+55.49
CHANNEL EX = 1,050 CU YD

BALANCE #3 STA. 28+00.92 TO STA 43+08.99
EARTH EXCAVATION = 29,132 CU YD
EMBANKMENT = 7,235 CU YD

BALANCE #5 STA. 44+55.49 TO STA 48+00.00
EARTH EXCAVATION = 2,687 CU YD
EMBANKMENT = 2,953 CU YD

EXISTING PROFILE GRADE LINE

PROPOSED PROFILE GRADE LINE

750.00' V.C.
K = 102

900.00' V.C.
K = 100

-3.15%
SD LT -6.40%
SD RT -11.24%
SD RT -2.80%
+5.87%
SD RT 49.37%
SD LT +6.10%
SD RT +35.00%
SD LT +20.00%

20YR HWE = 618.50

SEE * 609.00

* CHANNEL EXCAVATION

THE CHANNEL SHALL BE EXCAVATED TO THE CONFIGURATION SHOWN ON SHEET 30. TRANSITION FROM THE PROPOSED CHANNEL TO THE EXISTING UPSTREAM & DOWNSTREAM CHANNEL WITHIN THE LIMITS OF CONSTRUCTION. SUITABLE EXCAVATION MATERIAL MAY BE USED IN THE EMBANKMENT AS DIRECTED BY THE ENGINEER.
CHANNEL EXCAVATION = 1,050 CU YD

	35+00	36+00	37+00	38+00	39+00	40+00	41+00	42+00	43+00	44+00	45+00	46+00	47+00	48+00
EXISTING PROFILE GRADE	659.64	659.39	659.08	658.27	656.95	655.06	653.01	650.67	648.15 +00 SD LT 642.77	645.40	642.41 +00 SD RT 640.12	639.26	635.98	632.61
PROPOSED PROFILE GRADE	649.93 +25 650.10 (657.00) VPI	650.20	650.22	649.99	649.52	648.80	647.84	646.63	645.18 +00 645.18 (645.18) VPRC	643.73	642.53	641.58	640.88	640.44
	629.79 +00 SD RT 617.64	628.24	627.68	627.36 +25 SD RT 614.14 +25 SD LT 615.57	629.43	631.98 +50 SD RT 623.42 +50 SD LT 621.70	635.33 +00 SD RT 630.92 +00 SD LT 631.70	639.09	643.00	646.98	650.72 +00 SD RT 649.65 +00 SD LT 647.90	654.27	657.43	660.16	662.21	663.81
	640.24	640.29	640.60	641.15 (631.00) VPI	641.96	643.02	644.32	645.88	647.69	649.75	652.06	654.62	657.43 +00 657.43 (657.43) VPT	665.10

	670	660	650	640	630	620	610	600	590

FILE NAME = V:\Bridge\2576-1 Macoupin\2576pp2.dgn	USER NAME = cthomas	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/1/2010	DATE -	REVISED -

MACOUPIN COUNTY
COUNTY HIGHWAY 12
OVER HICKS CREEK AND JOES CREEK

PLAN AND PLOT

SCALE: 1"=50' | SHEET NO. 2 OF 2 SHEETS | STA. 35+00.00 TO STA. 48+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
732	07-00090-00-BR	MACOUPIN	77	10
		CONTRACT NO. 93538		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-0732(148)		

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, CADD FILE NAME, STRUCTURE NO(TAYRS OFFD, NOTE BOOK, NO., BY, DATE