Existing Structure No. 087-3302
Two Span Steel Beam Bridge
With Oil and Chip Surface And
Closed Timber Abutments And Wingwalls.

PR CURVE 4
P.I. STA. 13+90.48
Δ = 7° 25′ 17″ (RT)
D = 2° 51′ 53″
R = 2,000.00′
T = 129.71′
L = 259.06′
E = 4.20′
e = 2.5%
T.R. = 25′
S.E. RUN = 42′
P.C.C. STA. 12+60.77
P.C.C. STA. 15+19.82

PR CURVE 5
P.I. STA. 16+85.04
Δ = 5° 33′ 51″ (RT)
D = 1° 41′ 07″
R = 3,400.00′
T = 165.22′
L = 330.18′
E = 4.01′
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C.C. STA. 15+19.82
P.T. STA. 18+50.00

N

0′ 50′ 100′
SCALE 1″ = 50′

JAMES AND VALERIE CVENGROS

PROJECT BEGINS
STA. 2+50.00

LARRY AND TOMMY PERRY
Parcel 001

PR PERMANENT EASEMENT

PR TEMPORARY EASEMENT

PR ℄ C.H. 12

EX R-O-W LINE

PC STA 4+19.58

5+52.71
20.04′ LT

PRC STA 5+52.71

6+30.00
50.00′ LT

6+30.00
26.91′ LT

7+00.00
50.00′ LT

7+00.00
34.18′ LT

7+50.00
40.00′ LT

PT STA 8+17.62

9+00.00
55.00′ LT

10+70.00
60.00′ LT

PC STA 10+98.27

12+75.00
55.00′ LT

12+75.00
25.08′ LT

PERIMETER EROSION
BARRIER (TYP)

CONSTRUCTION LIMITS

12+60.77
24.93′ LT

PCC STA 12+60.77

STONE RIPRAP CL A4 (SPL)

13+40.00
55.00′ LT

EX 4′ x 3′ x 52′ RCBC - TBR
CONCRETE HEADWALLS
TBR = 2 EACH

13+40.00
25.43′ LT

CURVE 4

CURVE 5

PCC STA 15+19.82

CURVE 1

5+16.99
19.68′ RT

5+19.00
40.00′ RT

6+00.00
20.82′ RT

5+70.00
20.33′ RT

5+70.00
40.00′ RT

CURVE 2
CONSTRUCTION LIMITS

8+50.00
40.00′ RT

PR TEMPORARY EASEMENT

TRAF BAR TERM. T1 SPL TAN
(TYP NE & SW CORNERS)

SPBGR TY A 6 FT POST
(TYP NE & SW CORNERS)

TRAF BAR TERM TY 5A
(TYP NE & SW CORNERS)

BECKS CREEK

10+98.27
40.00′ RT

PR R-O-W LINE

STONE RIPRAP
CL A3 (SPL)

CURVE 3

12+60.77
40.00′ RT

13+25.00
45.55′ RT

13+25.00
55.00′ RT

PE SKEW +30
31° 04′ 48″
FWD RT

EX R-O-W LINE

14+00.00
49.46′ RT

15+19.82
50.00′ RT

16+00.00
50.00′ RT

14+00.00
60.00′ RT

STONE RIPRAP CL A4 (SPL)

PR TEMPORARY EASEMENT

PROJECT ENDS
STA. 17+50.00

17+50.00
19.95′ RT

PIPE CULVERTS, CL D, TY 1, 24″ x 34′ @ 0.50%
2 - METAL FLARED END SECTIONS 24″ (STD 542401)
USFL 573.00, STA 5+40, 19′ LT
DSFL 572.80, STA 5+38 22′ RT

L & I KOONS
& DAVID KOONS

STA 9+95.00 - SPECIAL BRIDGE DESIGN
PR THREE SPAN PRECAST PRESTRESSED CONCRETE DECK
BEAM BRIDGE ON PILE BENT ABUTMENTS AND PIERS.
27″ BEAM DEPTH, 24′-0″ CLEAR WIDTH
130′-0″ BACK TO BACK OF ABUTMENTS
(SPANS 35′, 60′, 35′)
SKEW = 30° FWD LT

PIPE CULVERTS, CL D, TY 2, 48″ x 86′ @ 2.53%
2 - METAL FLARED END SECTIONS 48″ (STD 542401)
USFL 578.50, STA 13+66, 37′ RT
DSFL 576.00, STA 12+98, 35′ LT

PIPE CULVERTS, CL D, TY 1, 15″x 48′
USFL 587.90, STA. 14+44, 26′ RT
DSFL 583.50, STA. 13+96, 30′ RT

ANDREW CROSBY
Parcel 002

PR CURVE 1
P.I. STA. 4+86.24
Δ = 7° 28′ 41″ (LT)
D = 5° 37′ 02″
R = 1,020.00′
T = 66.66′
L = 133.13′
E = 2.18′
e = 4.0%
T.R. = 25′
S.E. RUN = 67′
P.C. STA. 4+19.58
P.R.C. STA. 5+52.71

PR CURVE 2
P.I. STA. 6+85.20
Δ = 3° 02′ 09″ (RT)
D = 1° 08′ 45″
R = 5,000.00′
T = 132.49′
L = 264.92′
E = 1.76′
e = NC
T.R. = N/A
S.E. RUN = N/A
P.R.C. STA. 5+52.71
P.T. STA. 8+17.62

PR CURVE 3
P.I. STA. 11+79.52
Δ = 0° 34′ 55″ (RT)
D = 0° 21′ 29″
R = 16,000.00′
T = 81.25′
L = 162.50′
E = 0.21′
e = NC
T.R. = N/A
S.E. RUN = N/A
P.C. STA. 10+98.27
P.C.C. STA. 12+60.77

LEGEND

- PERIMETER EROSION BARRIER
- INLET & PIPE PROTECTION
- TEMPORARY DITCH CHECK

(SEE SHEET 3 OF 24 FOR SCHEDULES)

NOTE:
PERIMETER EROSION BARRIER SHALL BE PLACED AT LOCATIONS AS DIRECTED BY THE ENGINEER. THE QUANTITY IN THE PLANS IS ESTIMATED TO ESTABLISH A CONTRACT UNIT PRICE. FINAL PAYMENT WILL BE MADE BASED UPON THE AMOUNT ORDERED AND INSTALLED.

FILE NAME = G:\S09013\CADD Sheets\9013-Plan.dgn	USER NAME = RickG	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/27/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
CH 12 OVER BECKS CREEK

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

C.N. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12	09-00267-00-BR	SHELBY	24	5
		CONTRACT No. 95700		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		