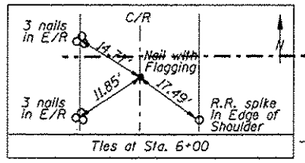
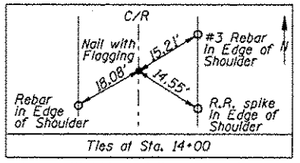
CONTRACT #89515

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 452	*	FULTON	25	4
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

* 09-00130-05-BR

BM #1 - Chiseled "X" in top of curb at South end of East curb. Elev. 100.29
BM #2 - R.R. Spike in power pole at STA 7+25, 30' LT., Elev. 95.61
BM #3 - R.R. Spike in power pole at STA 11+23, 33' LT., Elev. 95.37





Marvin White
303 W. Grove Street
Table Grove, IL 61482-9540

E ½, Section 8, T 6 N, R 2 E, 4th P.M.

Marvin White
303 W. Grove Street
Table Grove, IL 61482-9540

N

SCALE 1" = 20'

Existing top of bank
Existing bottom of ditch
Flow Laswell Branch
Proposed Structure, New S.N. 029-3214, Sta. 10+00, skew 30° LT, three span, 27" PPC deck beams with concrete wearing surface, 109.46' B/B abutments, 30'-0" O/O deck
Underground Phone line
Fiber optic marker
12" ϕ Power pole
BM #2 Power pole
BM #3
R.O.W.
Overhead lines
Improvement Begins Sta. 7+00
Improvement Ends Sta. 13+00
Existing E/S
Proposed C/R
Proposed E/shoulder
Proposed E/R
Existing E/R
Existing R.O.W. 80'-0"
7+00 +50 8+00 +50 9+00 +50 10+00 +50 11+00 +50 12+00 +50 13+00
B-1
B-2
Baseline
13' R
15' R
19' R
Existing Grass F.E. Sta. 8+84 19' wide
Existing Gravel F.E. Sta. 11+00 widen to 16'
30'
Existing tree and brush line
Wire fence
Existing bottom of ditch
Fiber optic marker
Underground Phone line
Flow
36"ϕ CMP
Remove existing structure @ Sta. 10+00 and approach guardrails.
Existing tree and brush
Wire fence
Existing bottom of ditch

UTILITIES

CALL J.U.L.I.E. 1-800-892-0123
The contractor shall coordinate the relocation of any utilities with the utility company where they conflict with the proposed improvements.

Marcus Boyer
21669 N. County Highway 2
Smithfield, IL 61477-9525

John Shaw
21544 N. County Highway 2
Smithfield, IL 61477-9525

CHANNEL EXCAVATION

The Channell shall be excavated as shown with 2:1 slopes within the existing right-of-way. Suitable excavated materials may be used in embankments.

EXISTING STRUCTURE DESCRIPTION

Existing structure skewed at 30° LT with S.N. 029-3014. Is 52' long (B-B of abutments), 27.75' wide with nine 21" PPC deck beams. The superstructure rests on 2 closed concrete abutments with angled wingwalls at each end.

Removal of Existing Structure = 1 EACH

W ½, Section 9, T 6 N, R 2 E, 4th P.M

PLAN

SURVEYED
PLOTTED
NOTE BOOK
NO. ____
CHECKED
CHKD FILE NAME
DATE

PROFILE

SURVEYED
PLOTTED
NOTE BOOK
CHECKED
ELEV. DATUM
STRUCTURE NO. 029-3214 (PROP)
DATE

FRALEY & ROPER & ASSOCIATES
A Division of Engineering Resource Associates, Inc.
Consulting Engineers, Scientists, & Surveyors

Improvement Begins Sta. 7+00.00
Begin Earthwork & Shoulder Work
Proposed C/R
+0.38%
Existing Grade
0.00%
20 yr High Water Elev. = 91.18
-0.59%
Existing Grade
Improvement Ends Sta. 13+00.0
End Earthwork & Shoulder Work
Area to be excavated included with removal of existing structure.
Grouted Riprap
*Perpendicular to stream
Flowline Elev. 83.50
Shoulder transition point
Shoulder transition point

112 110 108 106 104 102 100 98 96 94 92 90 88 86 84 82

99.84 99.84 | 96.54 100.22 | 99.40 100.41 | 99.49 100.60 | 100.75 99.74 100.75 | 100.00 100.75 | 100.00 100.75 | 100.75 | 100.8 100.52 | 99.71 100.22 | 99.42 99.92 | 99.34 99.34

7+00 +50 8+00 +50 9+00 +40 +50 10+00 +50 +60 11+00 +50 12+00 +50 13+00

PLAN & PROFILE STA. 7+00 TO STA. 13+00

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