

LETTING DATE  
12/18/2018

GRADING  
MARSHALL/GRUNDY COUNTY  
NHSX--14-5(75)--3H-64



Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM  
MARSHALL/GRUNDY COUNTY  
GRADING

Co Rd E18 to W Jct IA 175

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.



REVISIONS

TOTAL

XX

PROJECT IDENTIFICATION NUMBER

14-64-014-020

PROJECT NUMBER

NHSX--14-5(75)--3H-64

R.O.W. PROJECT NUMBER

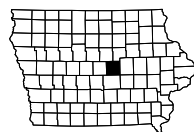
DESIGN EVENTS

D2 PLAN - Date: 08/24/2016

D3 PLAN - Date: 10/03/2016

D5 PLAN - Date: 03/03/2017

For Project Location Map  
Refer to Sheet No. A.02



DESIGN DATA RURAL

2016	AADT	2,800	V.P.D.
2036	AADT	3,100	V.P.D.
20--	DHV	--	V.P.H.
	TRUCKS	20	%
	Total Design ESALs	--	

INDEX OF SEALS

SHEET NO.	NAME	TYPE
A.1	Tony J. Gustafson	Primary Signature Block

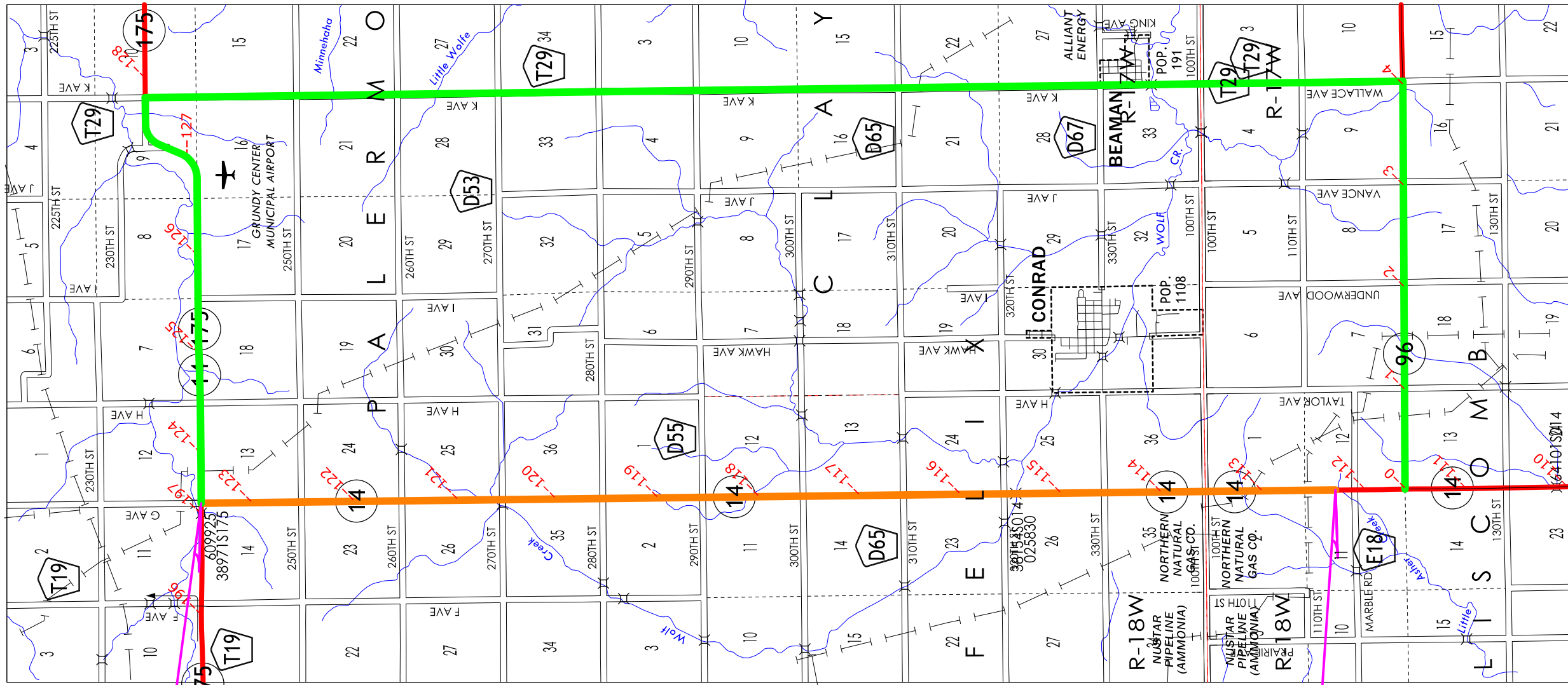
PRELIMINARY PLANS

Subject to change by final design.

D5 PLAN - Date: 03/03/2017



- County Border
- Detour Route
- Construction Area  or

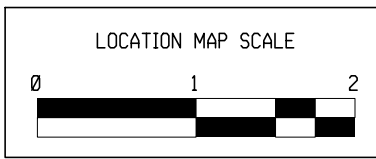
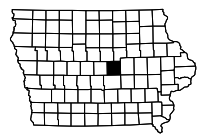


End Project  
MP 123.53

Begin Project  
MP 112.25

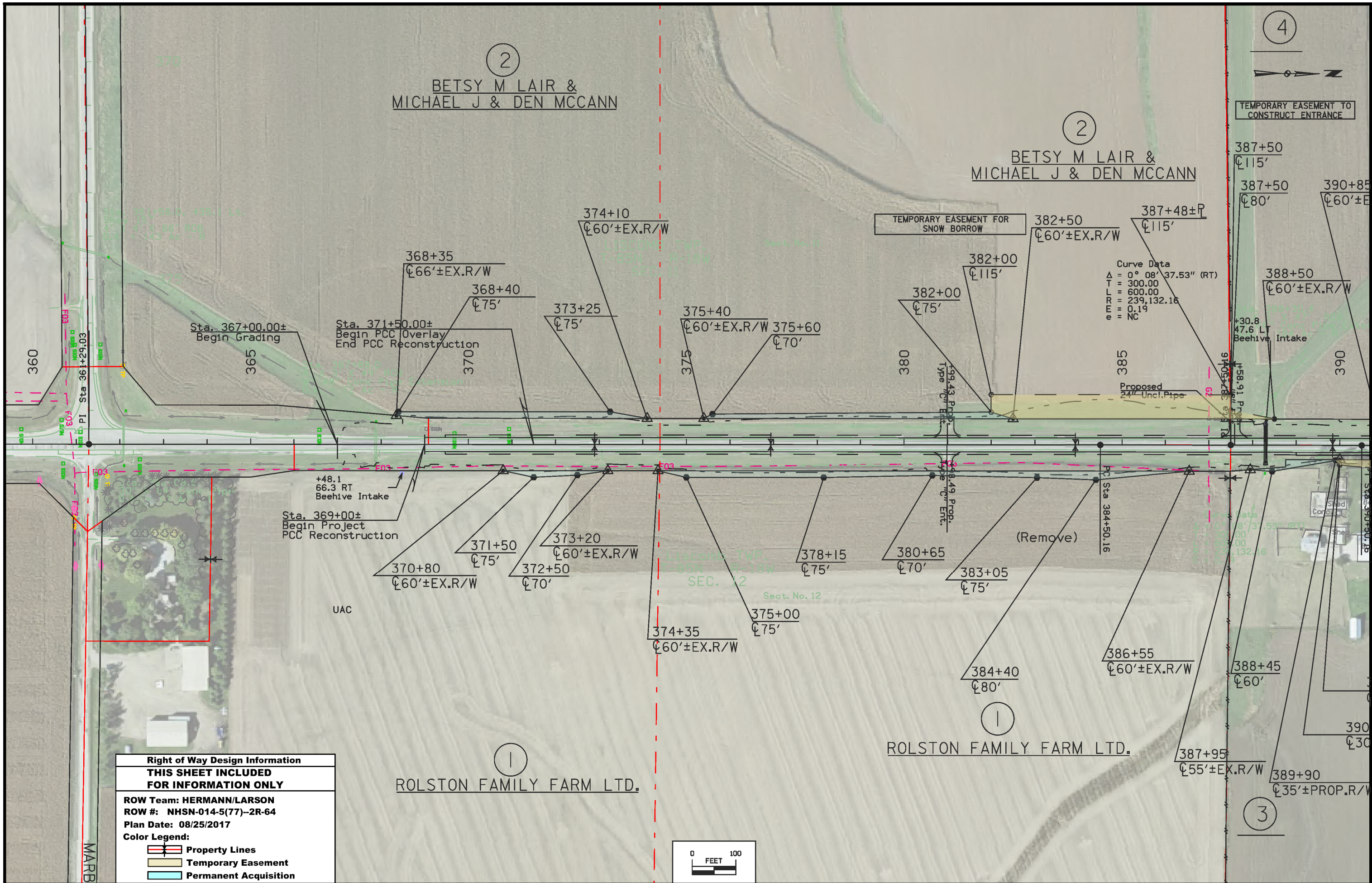
Grundy County

Marshall County



**IOWADOT**  
Marshall/Grundy Counties  
Project Location Map  
Proposed Detour Map  
for NHSX-14-5(75)-3H-64

NO ACCESS RIGHTS ARE TO BE ACQUIRED ON THIS PROJECT.

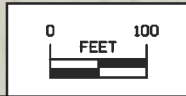


**Right of Way Design Information**  
**THIS SHEET INCLUDED FOR INFORMATION ONLY**

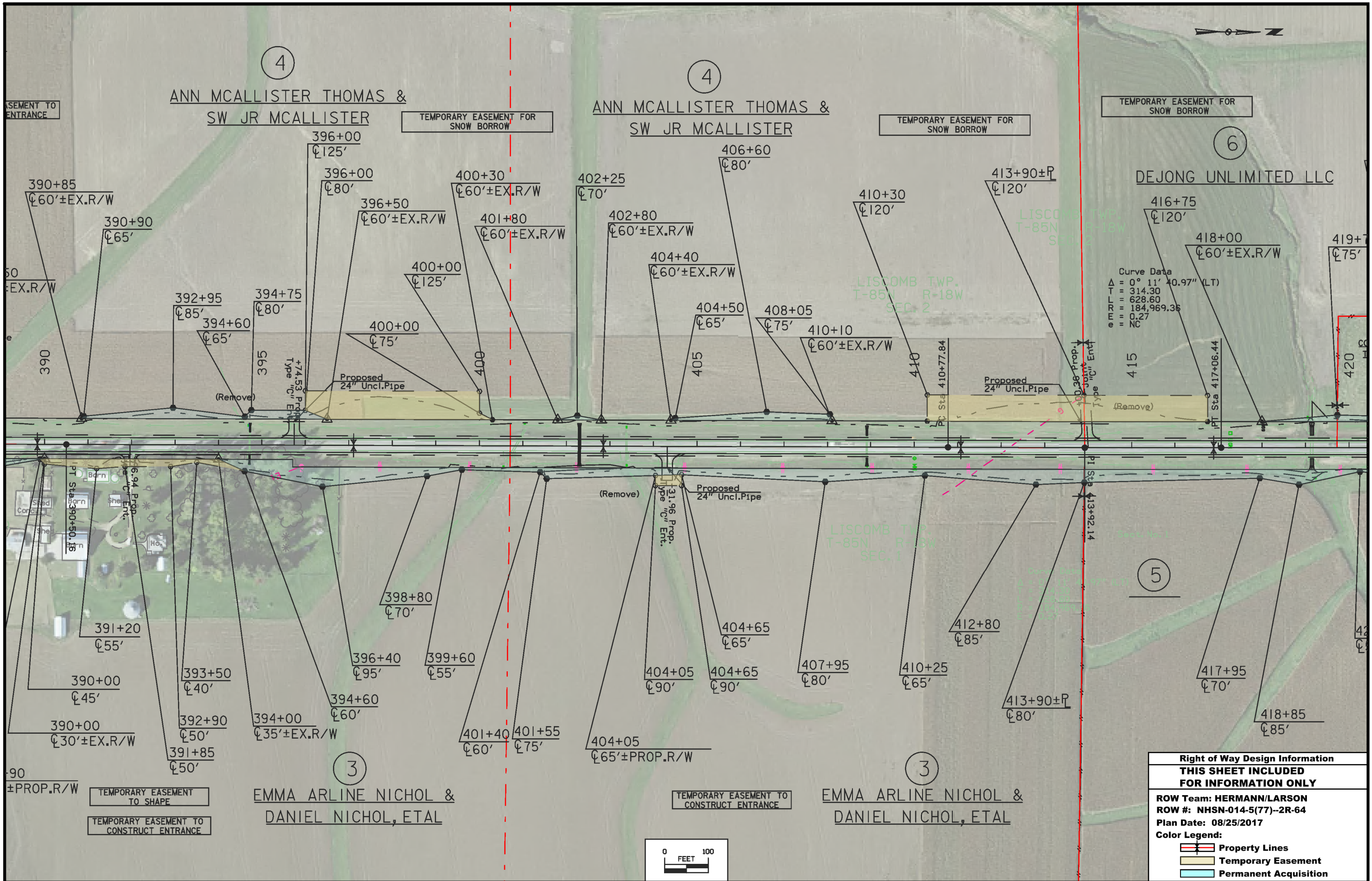
ROW Team: HERMANN/LARSON  
 ROW #: NHSN-014-5(77)--2R-64  
 Plan Date: 08/25/2017

**Color Legend:**

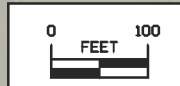
- Property Lines
- Temporary Easement
- Permanent Acquisition

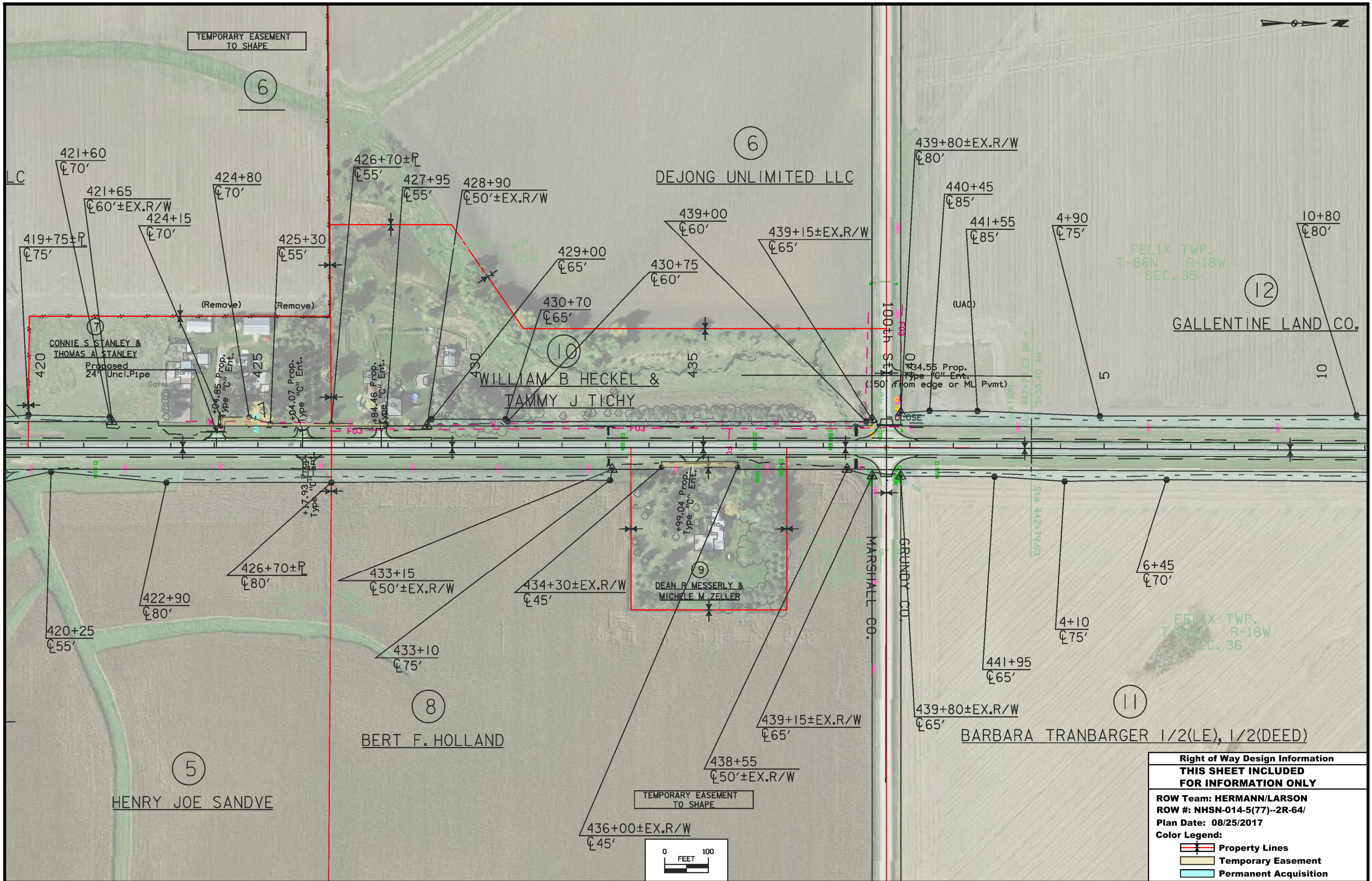


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 $T = 300.00$   
 $L = 600.00$   
 $RR = 239,132.16$   
 $e = 0.19$   
 $e = NC$



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	Permanent Acquisition





TEMPORARY EASEMENT TO SHAPE

6

6

12

10

DEJONG UNLIMITED LLC

WILLIAM B HECKEL &  
TAMMY J TICHY

GALLENTINE LAND CO.

DEAN R MESSERLY &  
MICHELE M ZELLER

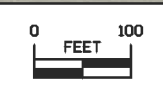
BERT F. HOLLAND

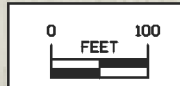
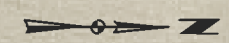
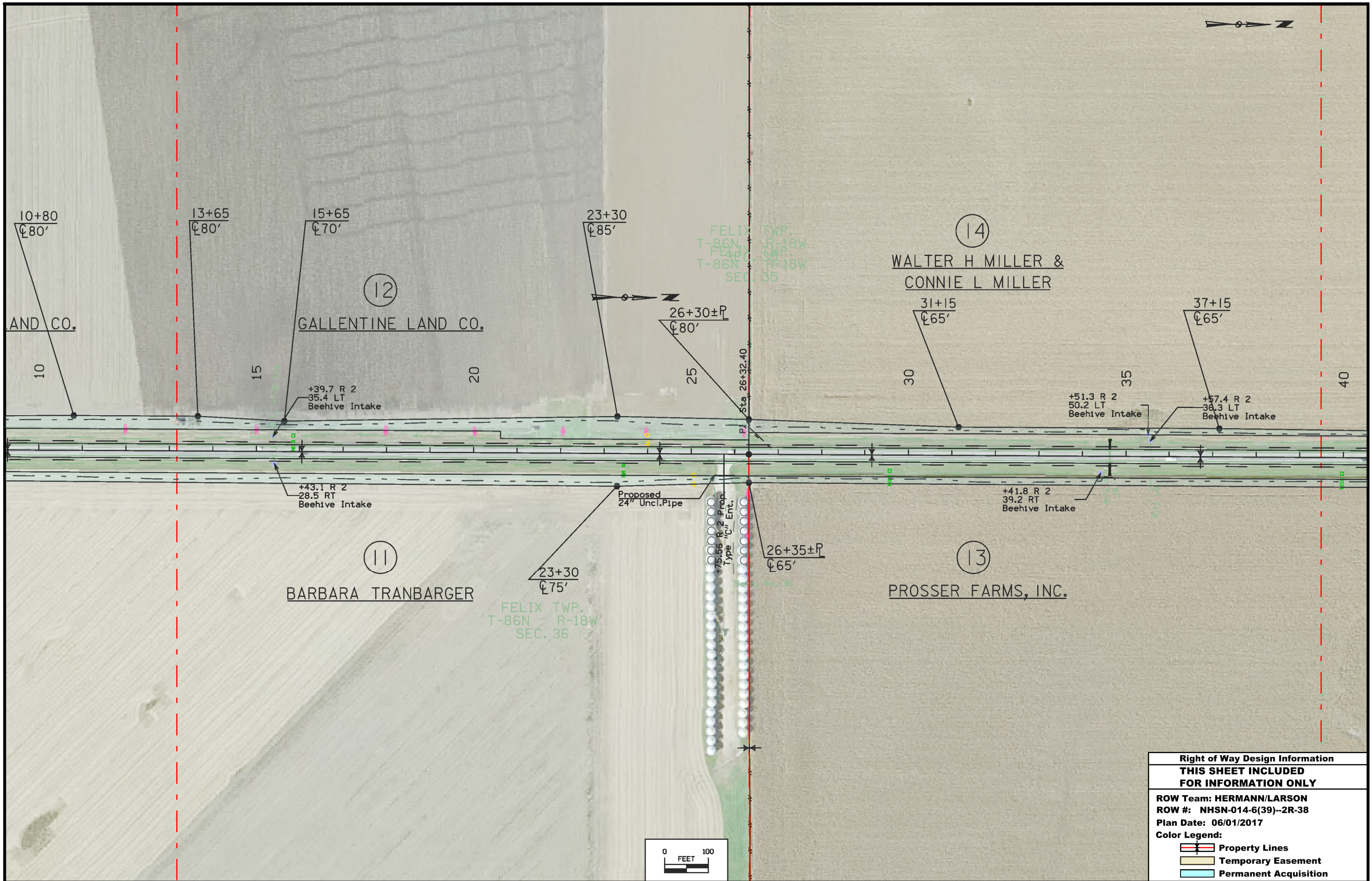
BARBARA TRANBARGER 1/2(LE), 1/2(DEED)

HENRY JOE SANDVE

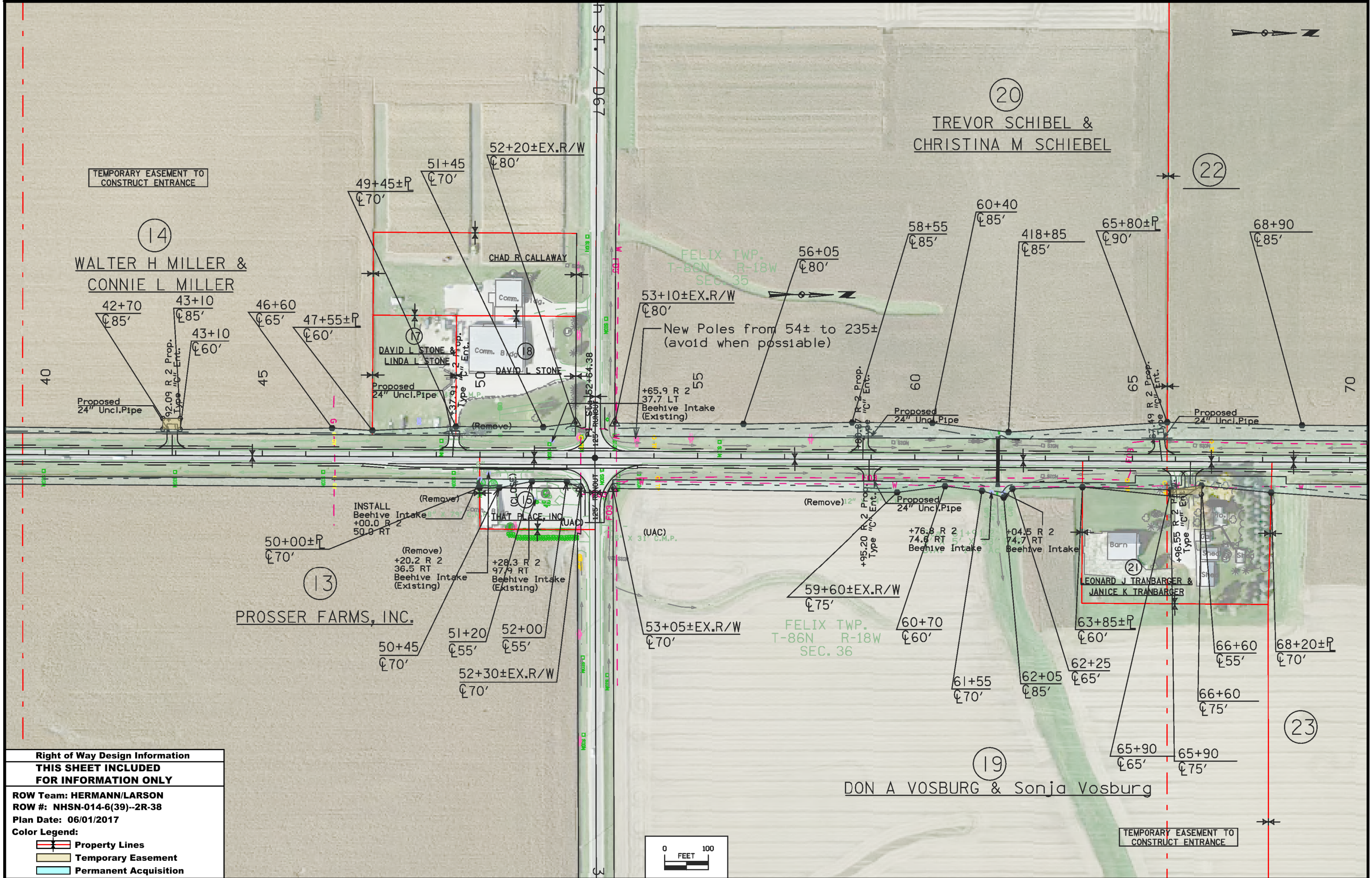
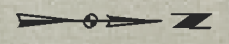
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TEMPORARY EASEMENT TO SHAPE





<b>Right of Way Design Information</b>	
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ROW Team: HERMANN/LARSON	
ROW #: NHSN-014-6(39)--2R-38	
Plan Date: 06/01/2017	
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	Permanent Acquisition



TEMPORARY EASEMENT TO CONSTRUCT ENTRANCE

14  
WALTER H MILLER &  
CONNIE L MILLER

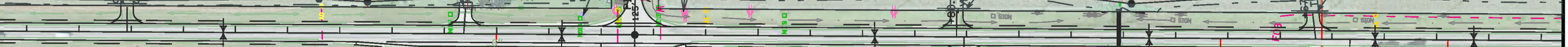
20  
TREVOR SCHIBEL &  
CHRISTINA M SCHIEBEL

22

42+70  
43+10  
46+60  
47+55±P  
45  
43+10  
43+10  
Proposed 24" Uncl. Pipe  
92.09 R 2 Prop. Type "C" Ent.

49+45±P  
51+45  
52+20±EX.R/W  
CHAD R. CALLAWAY  
DAVID L. STONE & LINDA L. STONE  
DAVID L. STONE  
Proposed 24" Uncl. Pipe  
50  
50  
52+64.38  
52+64.38

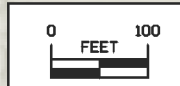
53+10±EX.R/W  
56+05  
58+55  
60+40  
418+85  
65+80±P  
68+90  
New Poles from 54± to 235± (avoid when possible)  
+65.9 R 2  
37.7 LT  
Beehive Intake (Existing)  
55  
60  
Proposed 24" Uncl. Pipe  
60  
65  
Prop. Type "C" Ent.



13  
PROSSER FARMS, INC.  
50+00±P  
50+45  
51+20  
52+00  
52+30±EX.R/W  
53+05±EX.R/W  
59+60±EX.R/W  
60+70  
61+55  
62+05  
62+25  
63+85±P  
66+60  
66+60  
68+20±P  
68+20±P  
INSTALL Beehive Intake +00.0 R 2 50.0 RT  
(Remove) +20.2 R 2 36.5 RT Beehive Intake (Existing)  
(Remove) +28.3 R 2 97.9 RT Beehive Intake (Existing)  
(Remove) 12"

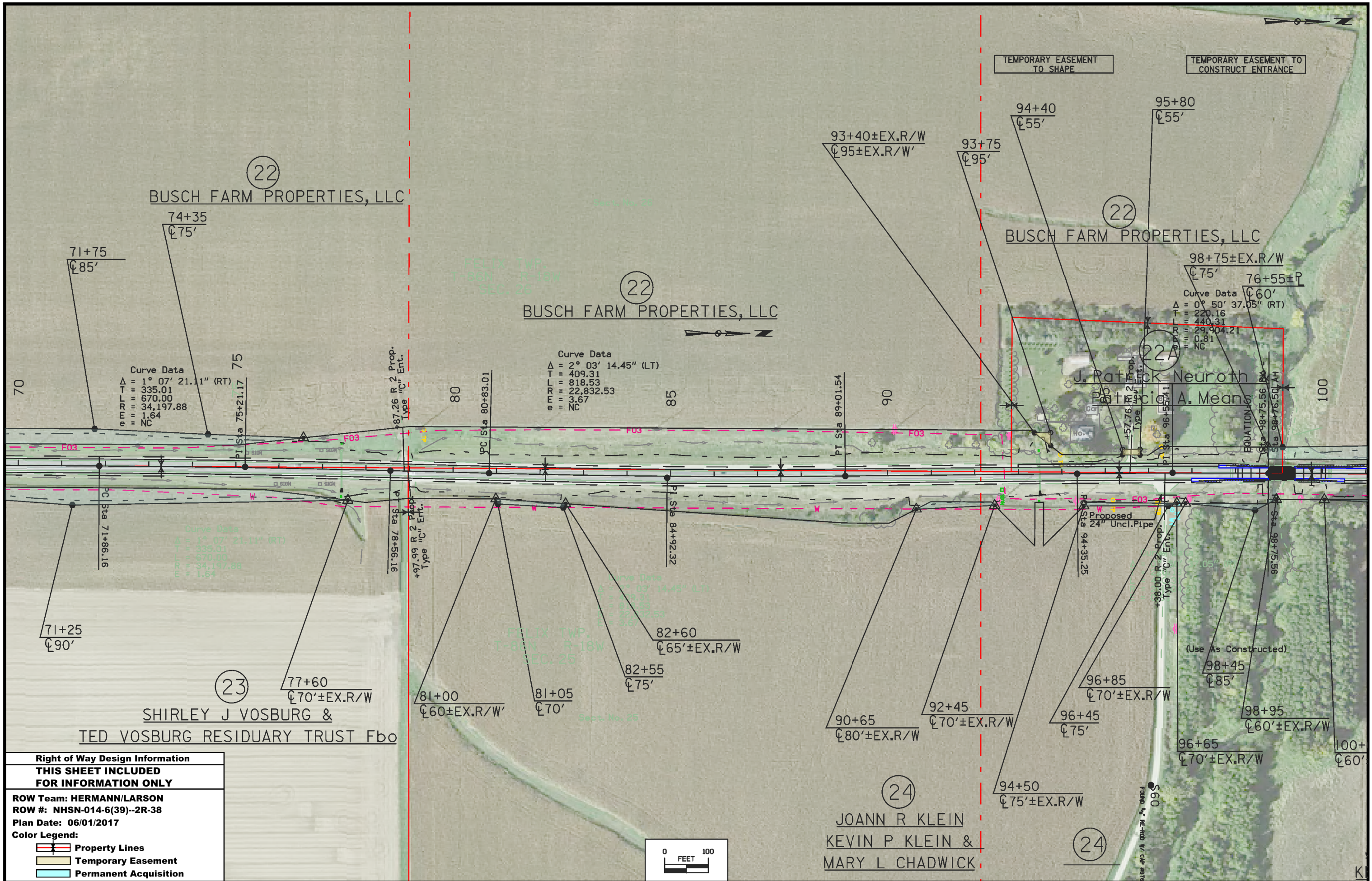
15  
THAT PLACE, INC. (UAC)  
18  
DAVID L. STONE  
19  
DON A VOSBURG & Sonja Vosburg  
21  
LEONARD J TRANBARGER & JANICE K TRANBARGER  
23  
FELIX TWP. T-86N R-18W SEC. 35  
FELIX TWP. T-86N R-18W SEC. 36  
Barn  
Shed  
Shed  
+76.8 R 2 74.6 RT Beehive Intake  
+04.5 R 2 74.7 RT Beehive Intake  
+96.55 R 2 Prop. Type "C" Ent.  
Proposed 24" Uncl. Pipe  
Prop. Type "C" Ent.  
Prop. Type "C" Ent.  
Prop. Type "C" Ent.

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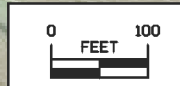


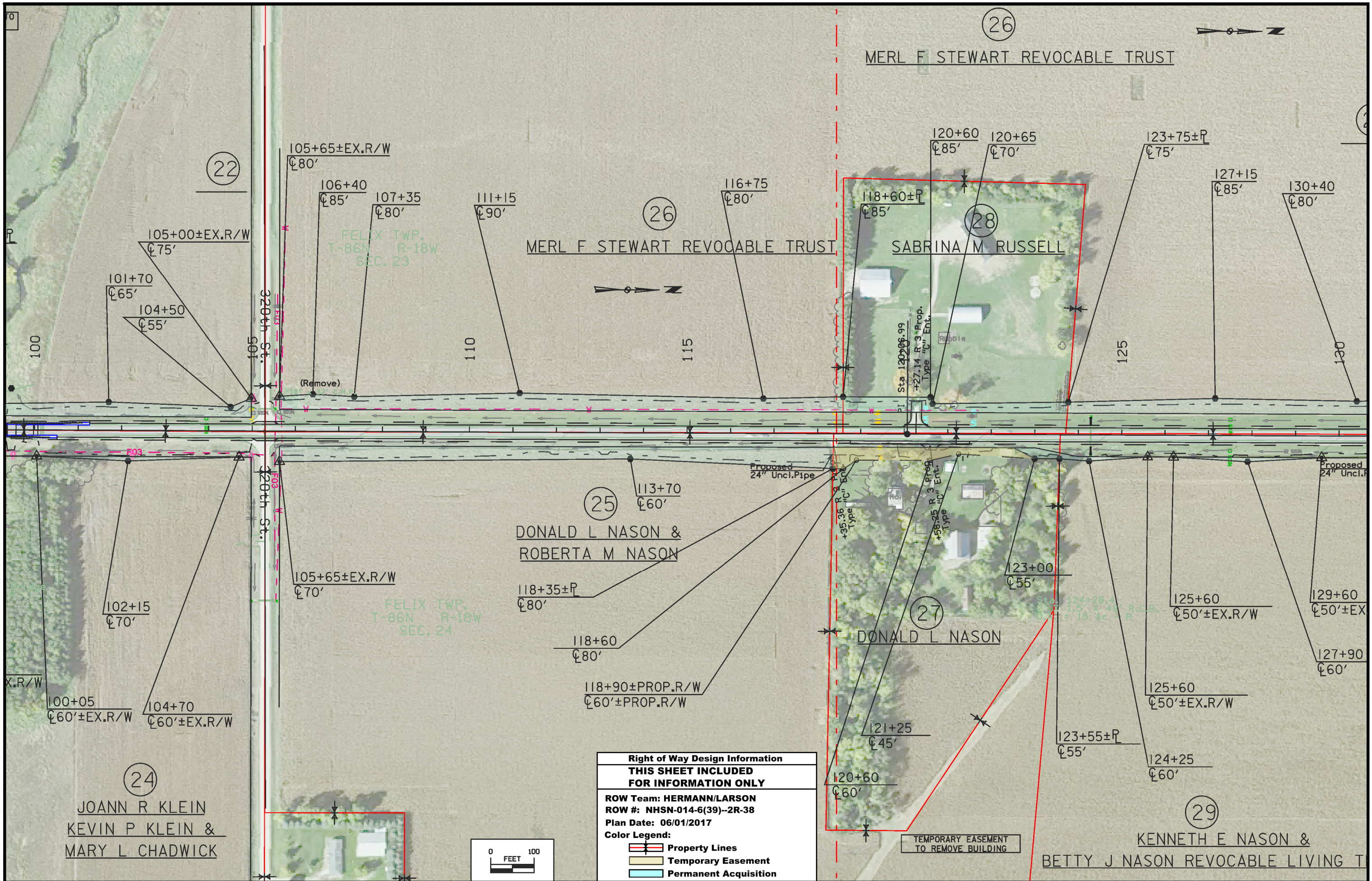
Curve Data  
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 $T = 335.01$   
 $L = 670.00$   
 $M = 34,197.88$   
 $e = 1.64$   
 $\epsilon = NC$

Curve Data  
 $\Delta = 2^{\circ} 03' 14.45''$  (LT)  
 $T = 409.31$   
 $L = 818.53$   
 $M = 22,832.53$   
 $e = 3.67$   
 $\epsilon = NC$

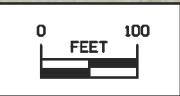
Curve Data  
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 $L = 440.31$   
 $M = 29,904.21$   
 $e = 0.81$   
 $\epsilon = NC$

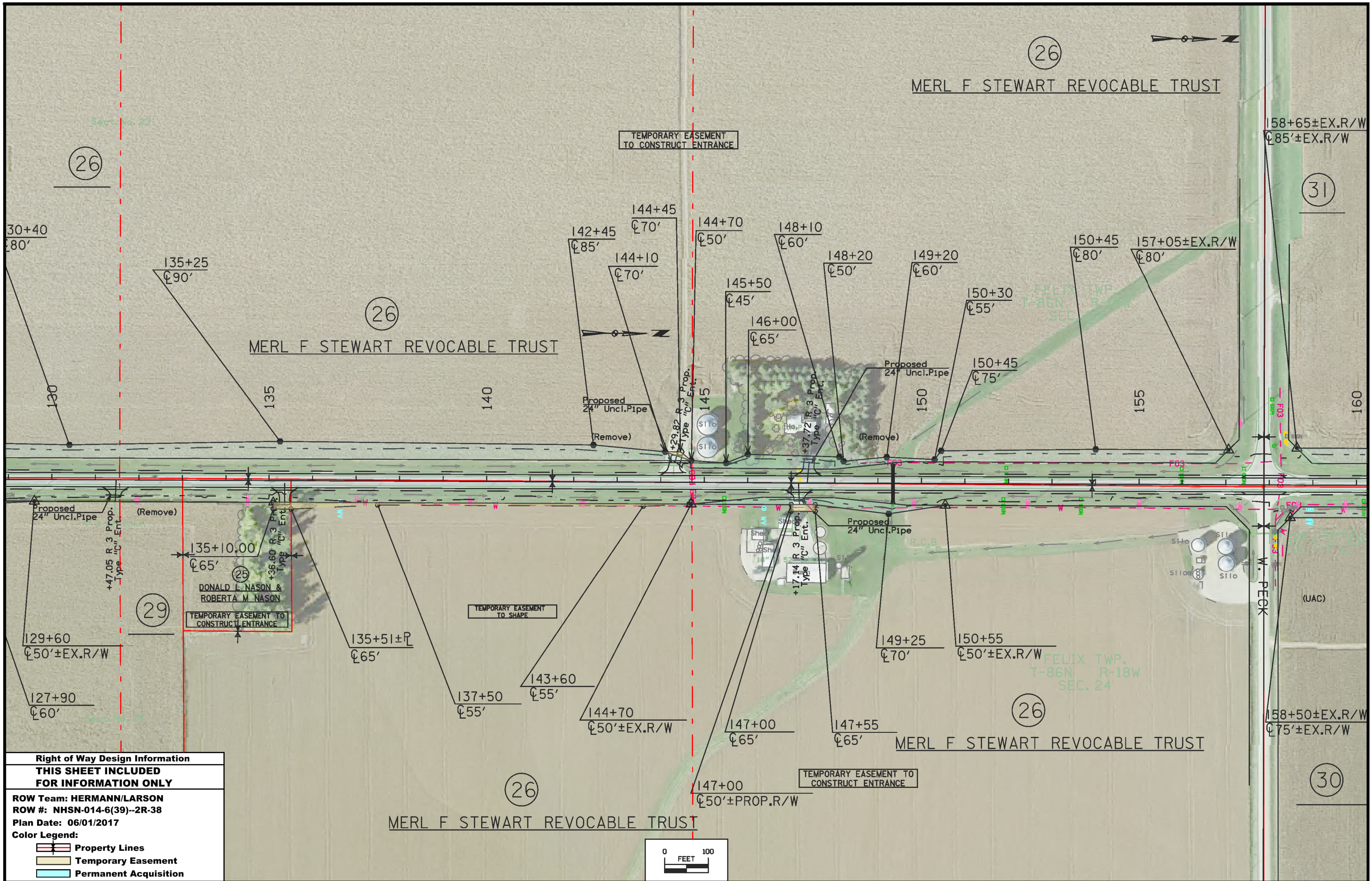
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26

MERL F STEWART REVOCABLE TRUST

26

MERL F STEWART REVOCABLE TRUST

31

29

DONALD F. NASON &  
ROBERTA M. NASON

TEMPORARY EASEMENT TO  
CONSTRUCT ENTRANCE

TEMPORARY EASEMENT  
TO SHAPE

26

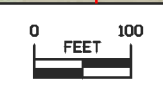
MERL F STEWART REVOCABLE TRUST

30

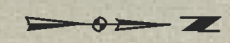
26

MERL F STEWART REVOCABLE TRUST

TEMPORARY EASEMENT TO  
CONSTRUCT ENTRANCE



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TEMPORARY EASEMENT TO CONSTRUCT ENTRANCE

EX.R/W  
R/W

163+60  
C85'

163+70  
C60'

170+50±P  
C75'

170+90  
C80'±PROP.R/W

170+90  
C95'

172+05  
C95'

172+05  
C85'

172+20  
C65'

175+95  
C75'

177+20±P  
C70'

31

DOROTHY ANN BEEGLY

31A

KEVIN R BEEGLY &  
TACY L BEEGLY

31

DOROTHY ANN BEEGLY

32

184+10±P  
C85'

160

165

170

175

180

185

190

Barn  
+55.43 R 3 Prop.  
Type "C" Ent.

PO Sta 183+43.27

PT Sta 189+43.27

R 3

EX.R/W  
R/W

30

TALSMA LAND HOLDINGS, LLLP

166+10  
C70'

166+20  
C55'

168+85  
C60'

168+90  
C70'

171+60  
C75'

171+65  
C70'

30

TALSMA LAND HOLDINGS, LLLP

FELIX TWP  
T-86N R-18W  
SEC. 13

Curve Data  
Δ = 0° 21' 49.99" (LT)  
T = 300.00  
L = 600.00  
R = 94,473.35  
E = 0.48  
e = NC

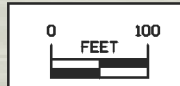
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T = 300.00  
L = 600.00  
R = 94,473.35  
E = 0.48

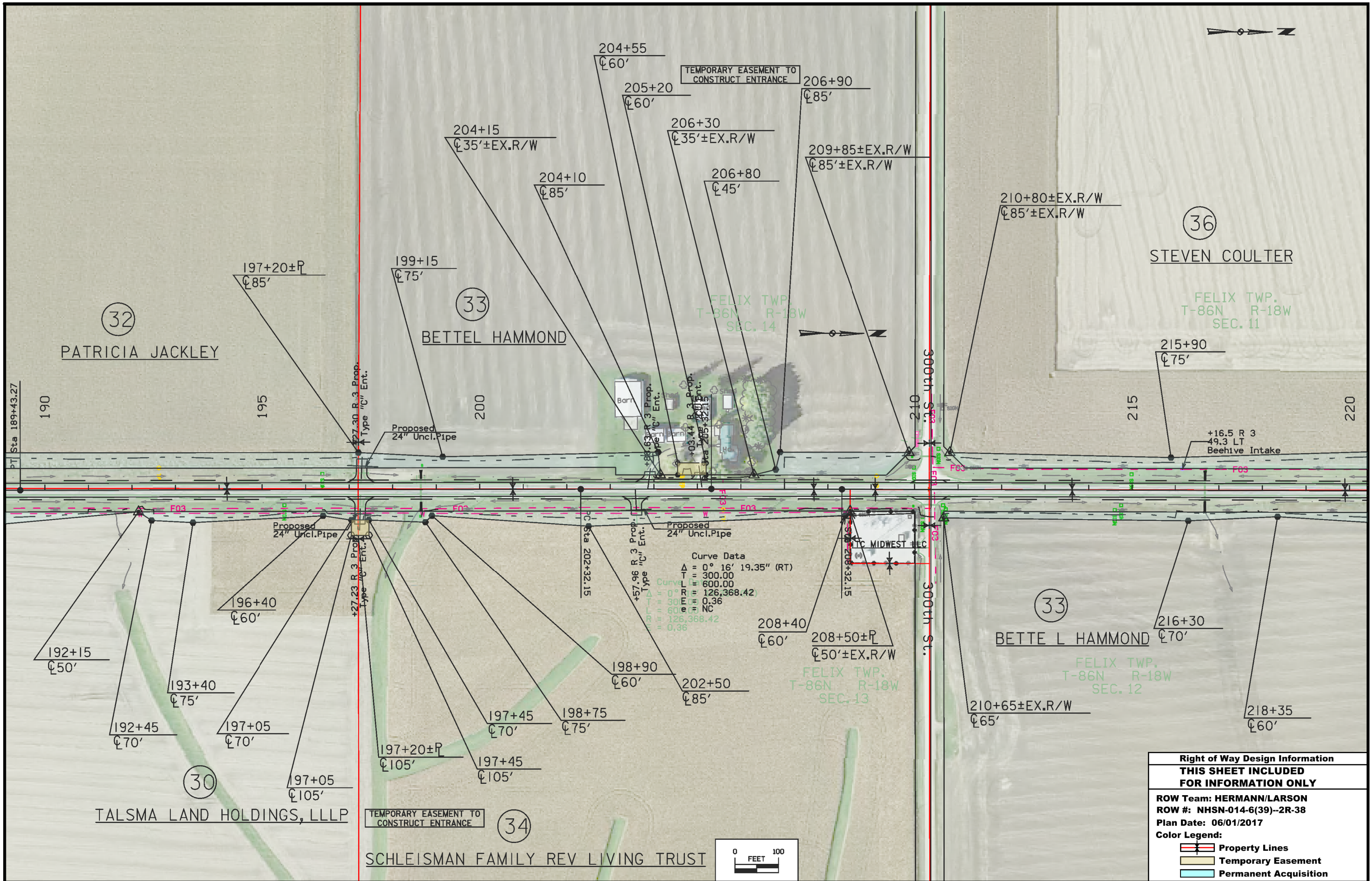
188+75  
C80'

30

Sect. No. 13

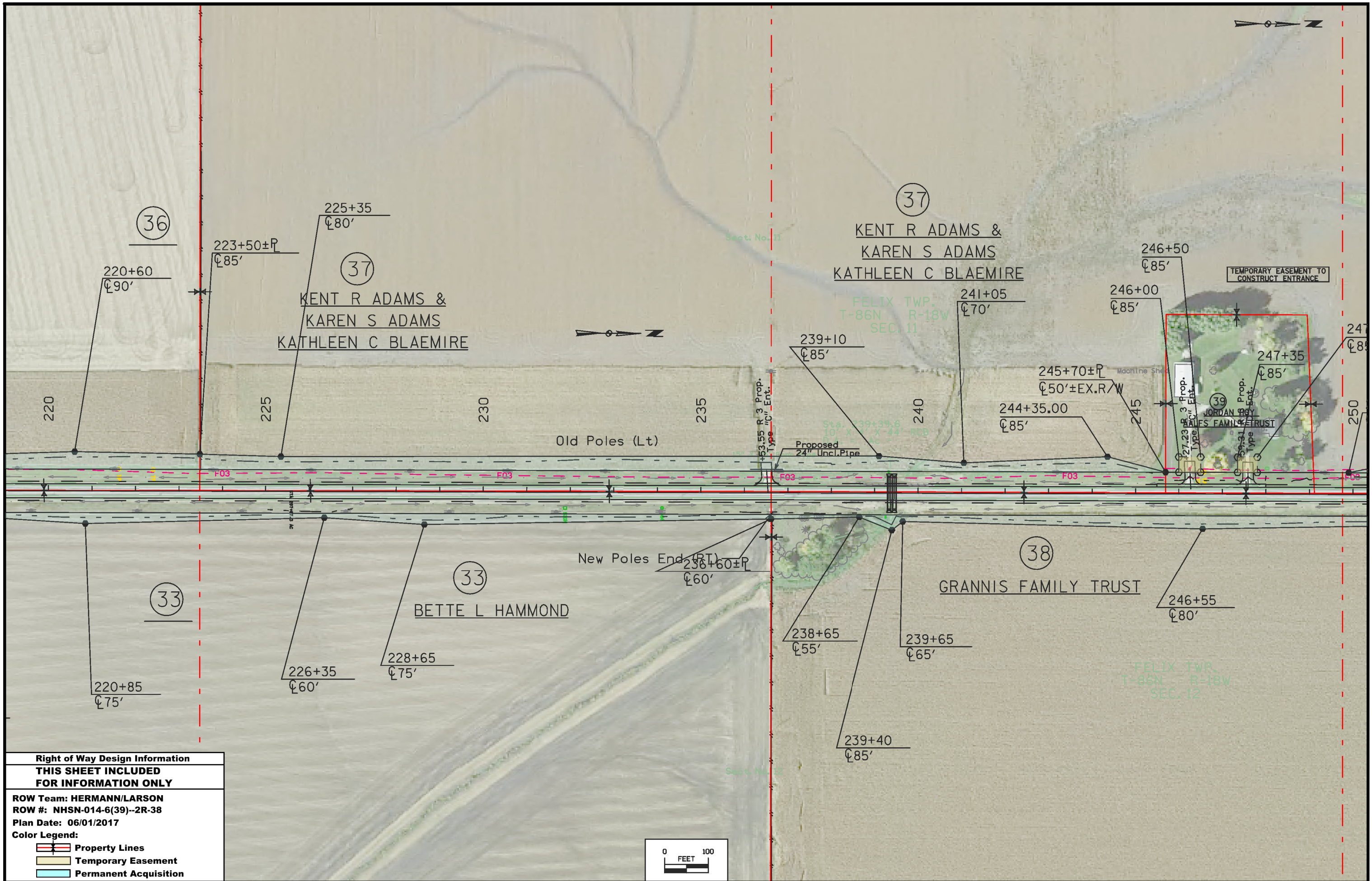
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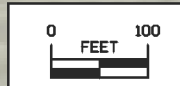


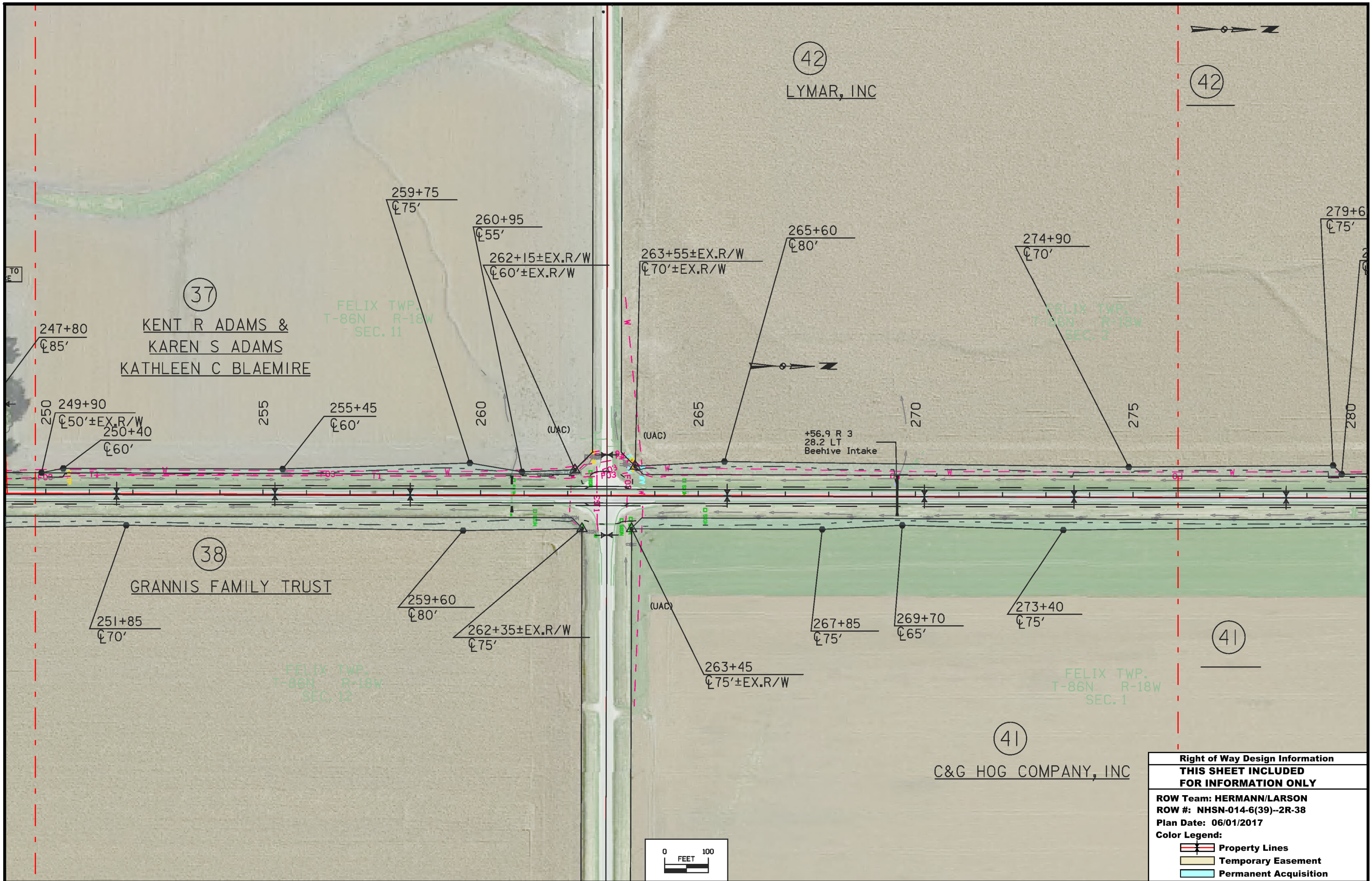
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 $e = 0.36$   
 $NC$   
 $126,368.42$   
 $0.36$

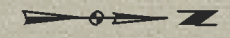
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42  
LYMAR, INC

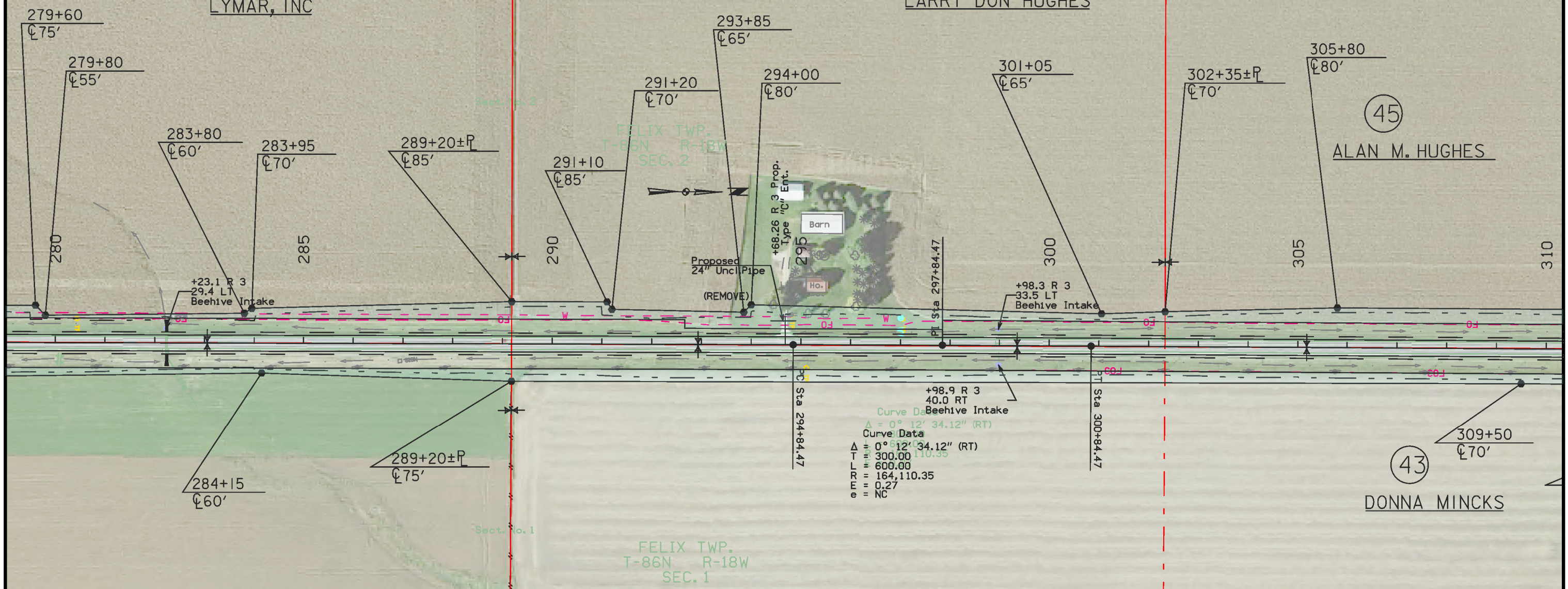
44  
LARRY DON HUGHES

45  
ALAN M. HUGHES

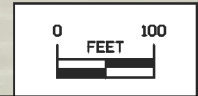
41  
C&G HOG COMPANY, INC

43  
DONNA MINCKS

43  
DONNA MINCKS

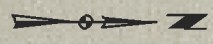


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 E = 0.27  
 e = NC



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MELROSE  
T-87N  
SEC.

FELIX TWP.  
T-87N R-18W  
SEC. 35

FELIX TWP.  
T-87N R-18W  
SEC. 36

45

47

48

43

46

46

DORES J ROSS &  
MARLYS E ROSS (TRUSTEES)

HOMER H ROSS &  
DELORES N ROSS

STEVEN E SIMMS &  
CYNTHIA K SIMMS

STEVEN E SIMMS &  
CYNTHIA K SIMMS

314+80±EX.R/W  
55±EX.R/W

315+45±EX.R/W  
75'

317+15  
70'

328+25±P  
65'

323+95  
90'

329+55  
90'

330+00  
70'

331+05  
80'

333+05  
70'

335+10  
60'

337+85  
75'

340+00  
65'

310

315

320

325

330

335

340

314+80±EX.R/W  
70'

315+45±EX.R/W  
70'

323+50  
85'

327+90  
70'±PROP.R/W

327+90  
90'

328+40  
90'

328+40  
70'±PROP.R/W

329+20  
65'

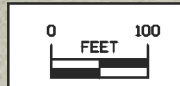
332+60  
75'

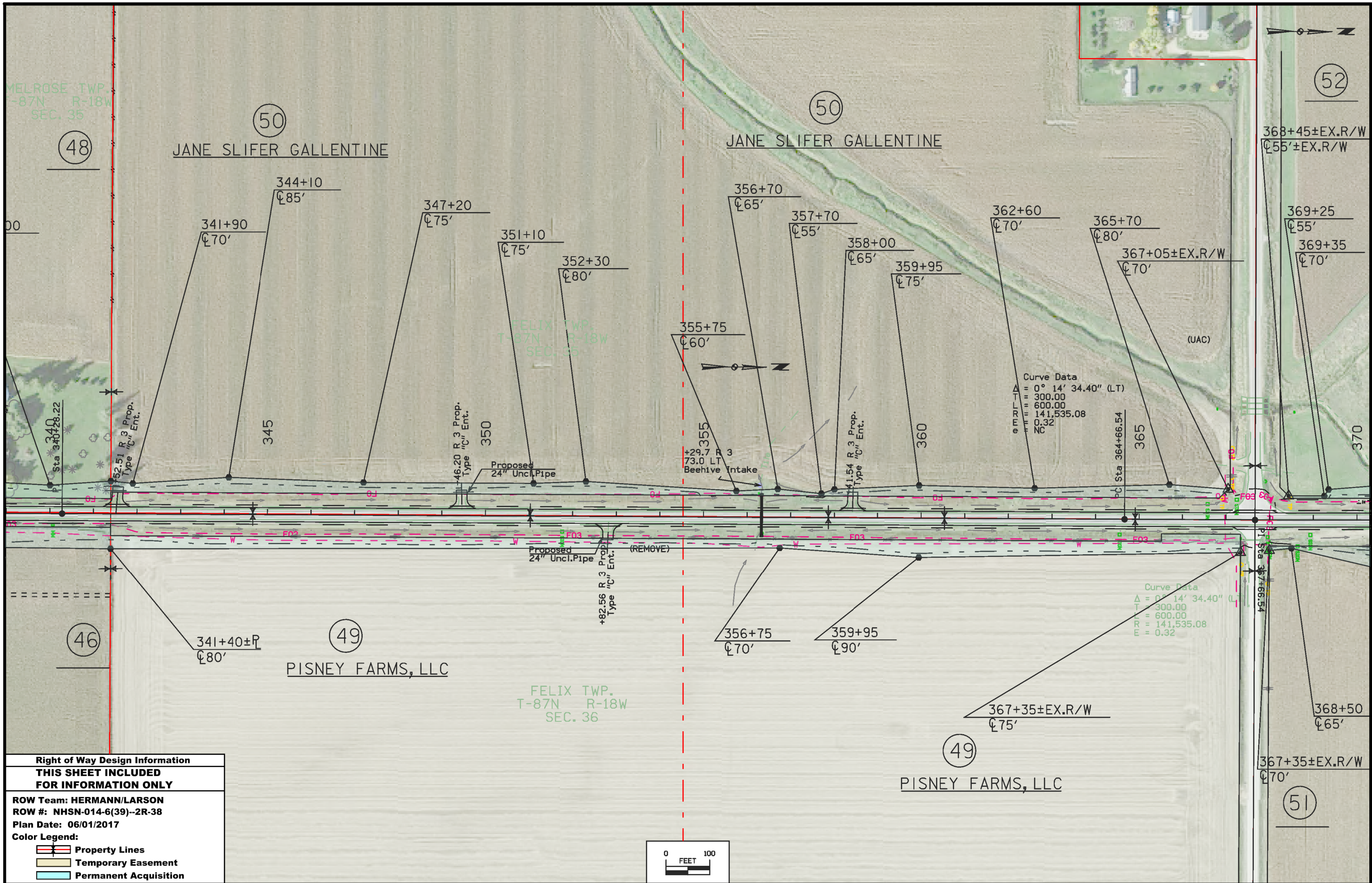
+52.51 R 3 Prop.  
Type 1/2" Ent.

Proposed  
24" Uncl. Pipe

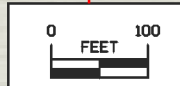
Proposed  
24" Uncl. Pipe

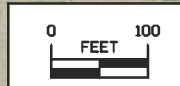
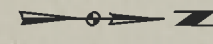
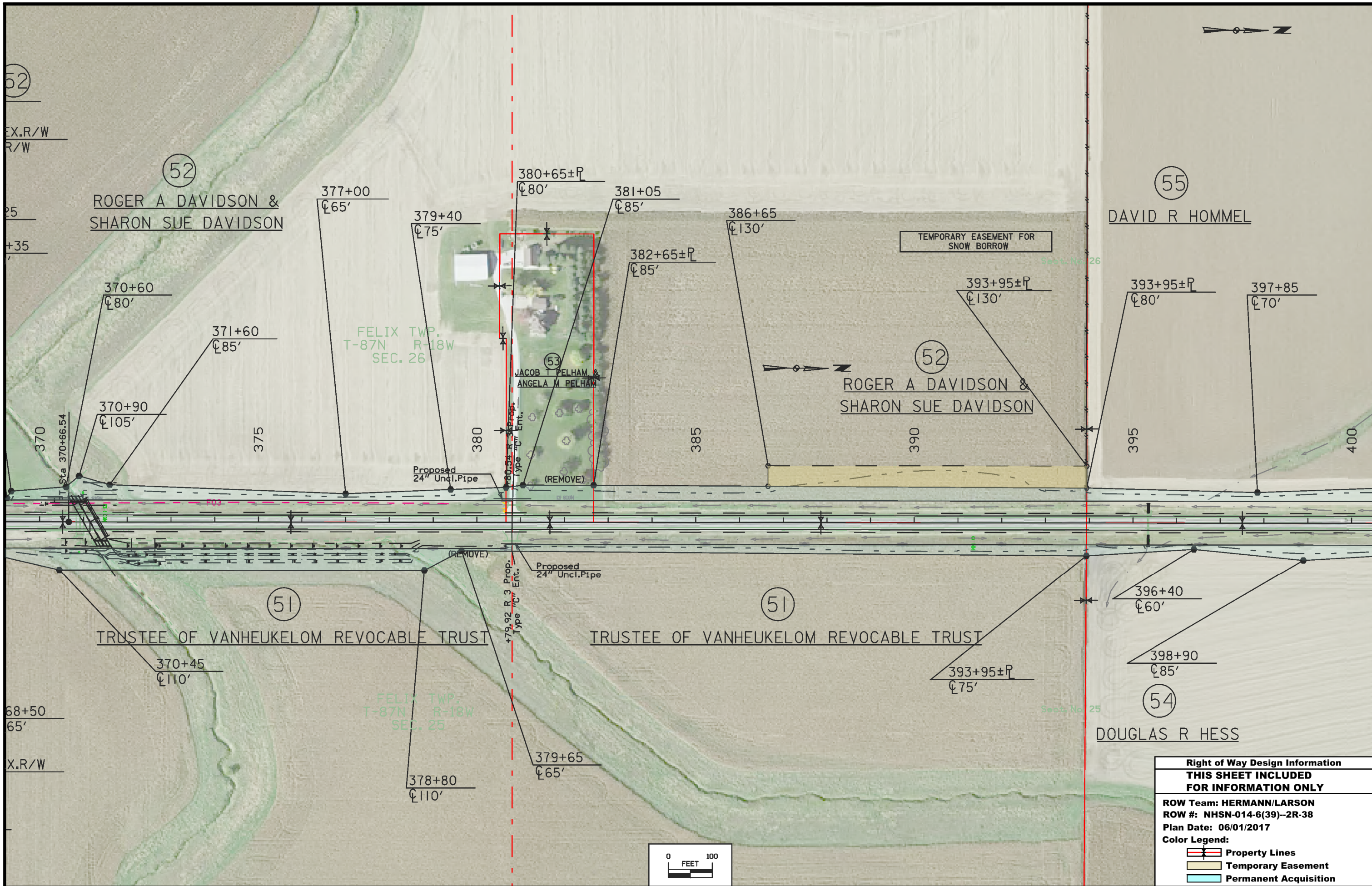
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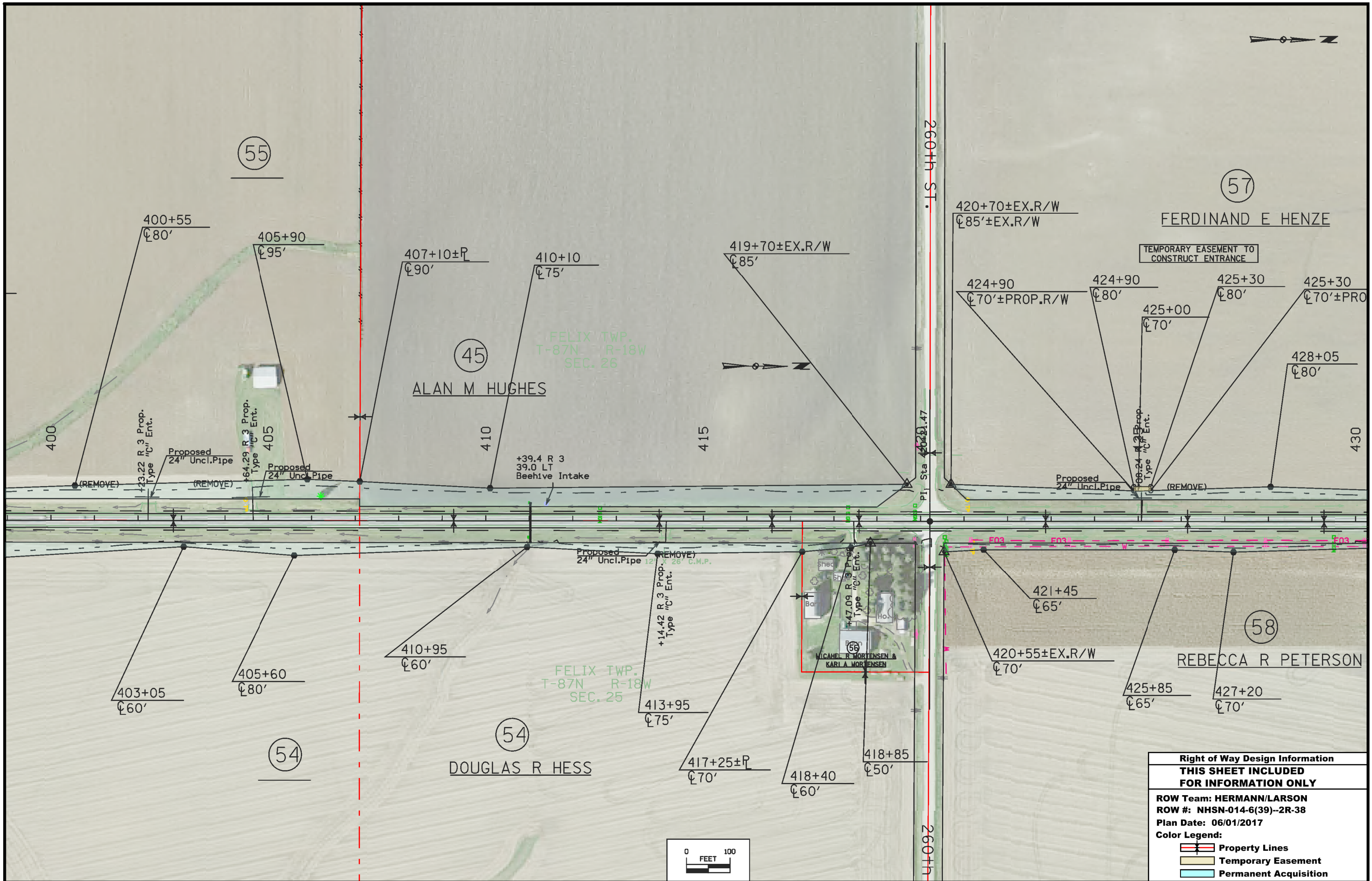


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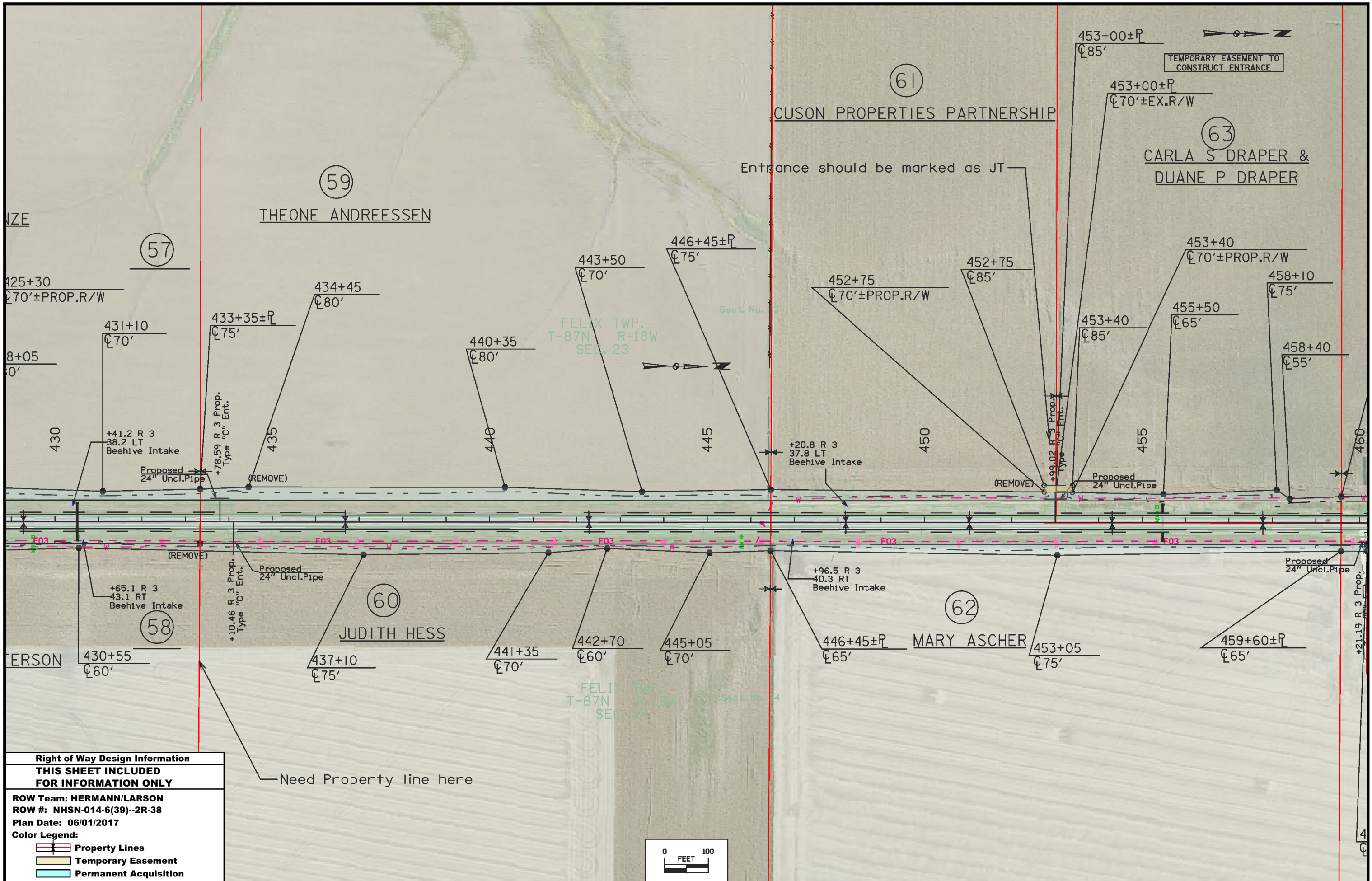




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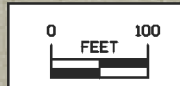


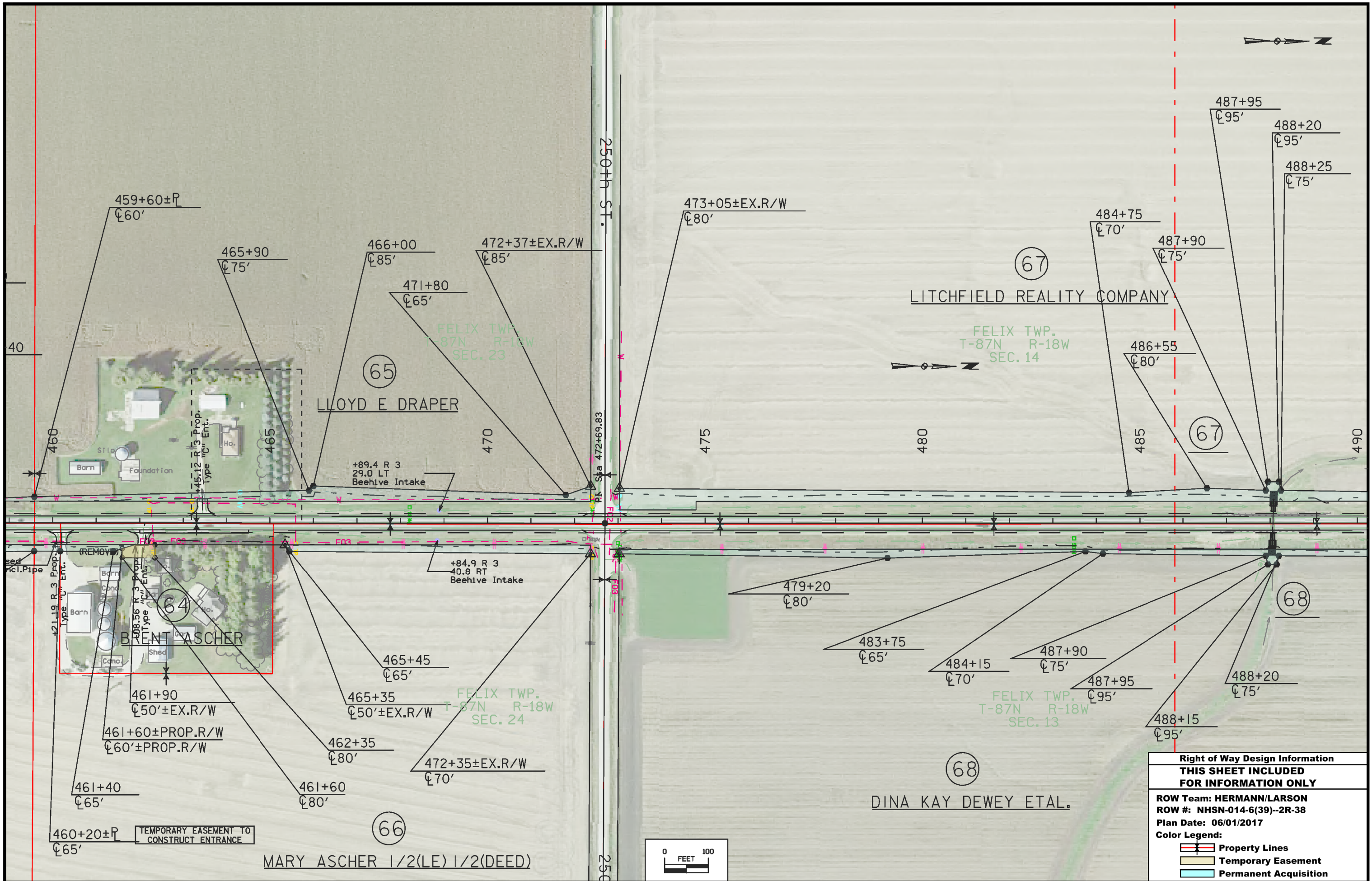
<b>Right of Way Design Information</b>	
<b>THIS SHEET INCLUDED FOR INFORMATION ONLY</b>	
ROW Team: HERMANN/LARSON	
ROW #: NHSN-014-6(39)--2R-38	
Plan Date: 06/01/2017	
Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition






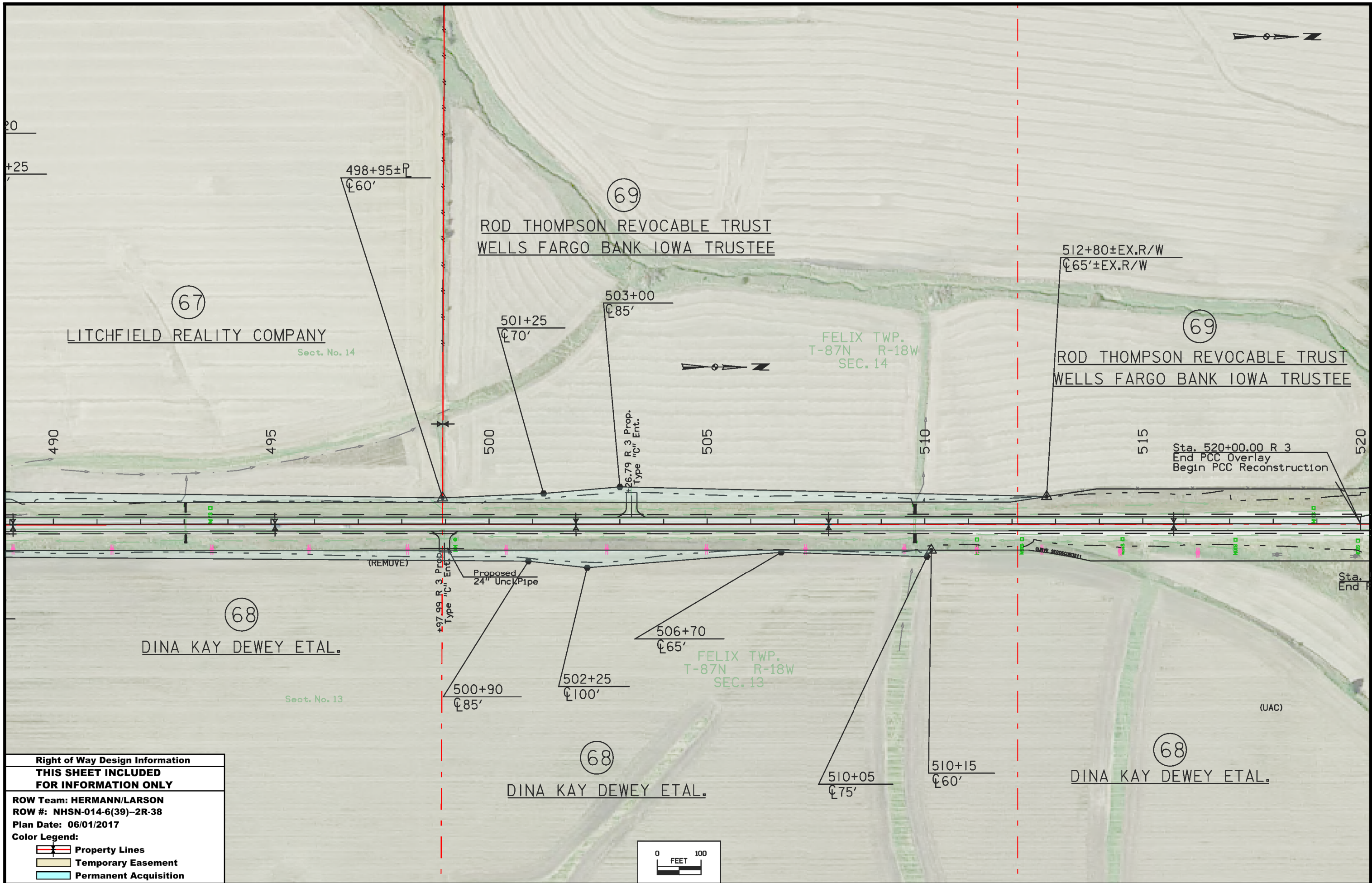
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Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition

Need Property line here

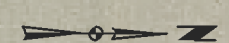
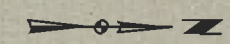




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512+80±EX.R/W  
65'±EX.R/W

69

ROD THOMPSON REVOCABLE TRUST  
WELLS FARGO BANK IOWA TRUSTEE

515

Sta. 520+00.00 R 3  
End PCC Overlay  
Begin PCC Reconstruction

520

Sta. 524+61.98, 42'  
18" X 74" Conc Pipe  
D.A. = Ac -

POT Sta 515.17

IA175

P.I. 525+11.17 IA14 (THIS SURVEY) =  
P.I. 525+16.1 IA14 (PROJ. FA-332B) =  
P.I. 262+00.00 IA175  
(THIS SURVEY & PROJECT F-315(2))  
SET ?

Sect. No. 11

Sta. 522+50.00 R 3  
End PCC Reconstruction

Sta. 524+67.54, 31.6" Rt.  
18" X 65" Conc Pipe  
D.A. = Ac -

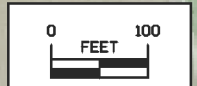
265

(UAC)

(UAC)

68

DINA KAY DEWEY ETAL.



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