

**APPLICATION AND AGREEMENT FOR USE OF
HIGHWAY RIGHT-OF-WAY FOR UTILITIES ACCOMMODATION**

FOR DEPARTMENT USE ONLY

Permit Number <i>914-2014-054</i>	Highway Number <i>92</i>	County Warren
DOT Project Number <i>NH5X-092-5(5D)-3A-91</i>		Expiration/Completion Date <i>4-1-2015</i>
APPLICANT (INDIVIDUAL OR COMPANY)		
First Name David	Middle J	Last Name Augsburger
Company Name Iowa Communications Network (ICN)	City/Town Des Moines	State ZIP Code IA 50319
Street Address 400 E. 14th St, Grimes State Office Building		Phone Number 515-725-4604
		Phone Number Ext.

INSTALLATION TO BE ACCOMMODATED
Approval is hereby requested to enter within the state highway right-of-way for the accommodation of a utility installation as detailed on the attachments and further described as follows.

The installation shall consist of:
The relocation of approximately 3.51 miles of Iowa Communications Network (ICN) fiber along Kennedy St (325') and Iowa Highway 92 (18,230') in Warren County, west of and into Indianola. Relocation of fiber due to the Iowa DOT Grading and Replacement of IA 92 from just west of Kennedy Street to just east of S. North St. in Indianola. Relocation consists of Direct-bury and Directional-bore typically 2' off new south right-of-way, placement of 2" HDPE (bores), placement of hand-holes, and backfill/ramp all excavated areas. When and where it is not possible to locate 2' off south right-of-way due to the placement of power poles, alignment will follow a sweep around the poles at approximately 3' off pole. ICN will joint-locate with Iowa Network Services (INS) when and where possible (IA 92 Sta. 259+20 to IA 92 Sta. 389+00).

and shall be located as shown on the detailed plan attached hereto. (See current Iowa Department of Transportation Utility Accommodation Policy for submittal of detailed plan requirements.)

WORK SITE LOCATION

The proposed work as described above is located in Section 26, 27, 28, & 29, Twp. T-76N, Range R-24W on Highway No. 92 generally located 5 (miles) West (direction) from Indianola (city, county line, or other land line). Work proposed is more specifically located as being from 126.01 (Milepost #) and 259+20 (Highway Station) to 129.47 (Milepost #) and 441+50 (Highway Station) on the South side of highway.

Applicant Signature and Agreement

I have read this Agreement, understand its provisions, and agree to abide by it and the utility accommodation policy of the Iowa Department of Transportation

Name of Agent (Print or Type) David J. Augspurger	Agent/Owner (Signature) <i>[Signature]</i>	Title Telecom Engineer
Name of Owner (Print or Type) Iowa Communications Network (ICN)	Date <i>8-30-13</i>	

CITY ACTION (IF PROPOSED WORK IS WITHIN AN INCORPORATED CITY, CITY ACTION IS REQUIRED)

"The undersigned city joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned city and recommends action on said permit application as noted below by the delegated city official".

Recommend Approval Do Not Recommend Approval None Required

Handwritten Signature <i>[Signature]</i>	Title <i>Dir. of Comm. Dev.</i>	Date <i>9-13-13</i>
Type or Print Name <i>CHARLES BURGESS</i>	Authorized Official for the City of <i>City of Indianola</i>	

COUNTY ACTION (IF PROPOSED WORK CROSSES COUNTY RIGHT-OF-WAY, COUNTY ACTION IS REQUIRED)

"The undersigned county joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned county and recommends action on said permit application as noted below by the delegated county official".

Recommend Approval Do Not Recommend Approval None Required

Handwritten Signature <i>[Signature]</i>	Title <i>Warren County Engineer</i>	Date <i>11/8/14</i>
Type or Print Name <i>J. Brian Abrisssey</i>	Authorized Official for the County of <i>Warren</i>	

subject to HO Utility Contracts

FOR DEPARTMENT USE ONLY

Special Requirements - in addition to the stipulations below, the following special requirements shall apply to this permit:
All Pedestals shall be marked with a permanent highly visible post and signs.
The minimum height requirement for the sign shall be 5 foot

FEDERAL HIGHWAY ADMINISTRATION ACTION (WHEN REQUIRED)

Recommend Approval Do Not Recommend Approval None Required

Authorized FHWA Representative Signature

Date

DEPARTMENT OF TRANSPORTATION FINAL ACTION

Application Approved Application Denied Permit Number: 91U-2014-054

Authorized Highway District Representative
Dale O'Brien

Signature

Date

Notice of intention to start construction or maintenance activities on the highway right-of-way shall be made to:

Local DOT Contact Person (Type or Print Name)
Scott Sommers, P.E.

Phone Number
641-774-5056

Street Address
21922 480th St

City/Town
Chariton

State ZIP Code
IA 50049

AGREEMENTS

The utility company, corporation, applicant, permit holder or licensee, (hereinafter referred to as the Permit Holder) agrees with the Iowa Department (hereafter referred to as Department) that the following stipulations and those special requirements as listed on this page shall govern under this permit.

A. General

1. The installation shall meet the requirements of local municipal, county, state, and federal Iowa franchise rules and regulations, regulations and directives of the Iowa State Commerce Commission; the Department of Natural Resources, all rules and regulations of the Department and any other laws or regulations applicable.
2. The Permit Holder shall be fully responsible for any future adjustments of the facilities within the established highway right-of-way caused by highway construction or maintenance operations.
3. Non-compliance with any of the terms of the Department's policy, permit or agreement, may be considered cause for shut-down of utility construction operations or withholding of relocation reimbursement until compliance is assured, or revocation of the permit. The cost of any work caused to be performed by the State in removal of non-complying construction will be assessed against the Permit Holder.
4. The work described in this permit shall be completed as proposed in compliance with the stipulations and special requirements within one year from the date Department approval is received for said request. Failure on the part of the Permit Holder to abide by the stipulations or in constructing the work described as stipulated and within the time frame stated shall render this agreement and request null and void. The Permit Holder also agrees to save the State of Iowa and the Department harmless of any damages or losses that may be sustained by any person, or persons, on account of the conditions and requirements of this agreement.

B. Construction and Maintenance

1. The location, construction and maintenance of the utility installation covered by this application shall be in accordance with the current Department's Utility Accommodation Policy.
2. Before beginning any work in the highway right-of-way, it is the responsibility of the Permit Holder to obtain an easement from the drainage district if necessary. The Department assumes no responsibility for advising the Permit Holder of each location of a drainage district crossing. It is the Permit Holder's responsibility to locate these crossings and obtain any necessary easements or permission from the drainage district. See Code of Iowa, Chapter 468 for additional information.
3. A copy of the approved permit shall be available on the job site at all times for examination by Department officials.
4. All traffic control including sign placement and flagging are the responsibility of the Permit Holder. The original placement of signs and their removal upon completion of the work shall be accomplished by the Permit Holder.
5. Operations in the construction and maintenance of said utility installation shall be carried on in such a manner as to cause minimum interference to or distraction of traffic on said highway.
6. After November 24, 2008, all personnel in the highway right-of-way shall wear ANSI 107 Class 2 apparel at all times when exposed to traffic or construction equipment.

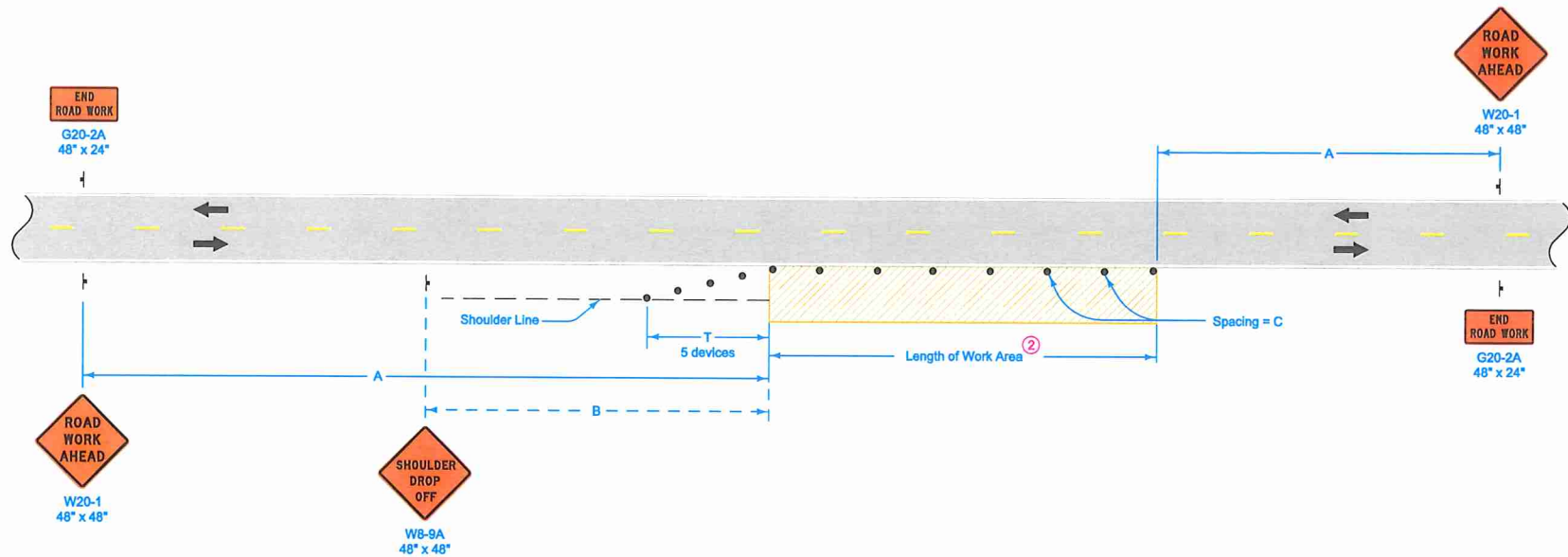
C. Liability

1. The Permit Holder shall indemnify and save harmless the State of Iowa, its agencies and employees, from any and all causes of action, suits at law or in equity, for losses, damages, claims or demands, and from any and all liability and expense of whatsoever nature, arising out of or in connection with the Permit Holder's use or occupancy of the public highway.
2. The state of Iowa and the Department assume no responsibility for damages to the Permit Holder's property occasioned by any construction or maintenance operations on said highway if Permit Holder has been notified in accordance with stipulation number D.3. or if the facilities are not located in accordance with this permit.
3. The State of Iowa, its agencies or employees, will be liable for expense incurred by the Permit Holder in its use and occupancy of the highway right-of-way only when negligence of the State, its agencies or employees, is the sole proximate cause of such expense. Whether in contract, tort or otherwise, the liability of the State, its agencies and employees, is limited to the reasonable, direct expense to repair damaged utilities, and in no event will such liability extend to loss of profits or business, indirect, special, consequential or incidental damages.

D. Notification

1. The Permit Holder is responsible for contacting Iowa One-Call (1-800-292-8989) and request the location of any underground utilities forty-eight (48) hours before excavation. Before beginning work in the highway right-of-way, the Permit Holder shall also contact any other known utility located in the area of the proposed work.
2. The Permit Holder agrees to give the Department forty-eight hours notice of its intention to start construction or to perform routine maintenance on the highway right-of-way. Said notice shall be made to the contact person whose name is shown on this page.
3. The Department shall give the Permit Holder at least forty-eight hours notice of any proposed construction or maintenance work, on either existing or newly acquired right-of-way when the proposed work will be ten feet of a utility location as previously approved by the Department by permit or written agreement. The Permit Holder shall be responsible within this time frame to arrange to protect its facilities.

Disclosure Statement: The information furnished on this form will be used by the Department of Transportation to determine approval or denial of the application. Failure to provide all information will result in denial of the application. Information furnished is public information and copies may be provided to the public upon request.



LEGEND	
↑	Traffic Sign
•	42" Channelizer
	Work Area
←	Direction of Traffic

SPEED LIMIT (mph)	A	B	C ^②	T
35 or less	500'	250'	40'	100'
40 - 45	700'	350'	80' ①	200'
50 or greater	1000'	500'	100' ①	200'

When a pavement edge drop-off exists, install a SHOULDER DROP-OFF sign.

Pavement edge drop-offs greater than a nominal 10 inches will not be allowed during non-working hours.

Shoulder edge drop-offs shall be mitigated according to Article 1107.08.K2 of the Standard Specifications.

① When the length of a pavement edge drop-off is 1000 feet or less, the temporary fillet requirement of Article 1107.08 of the Standard Specifications does not apply.

Space devices at 40 feet.

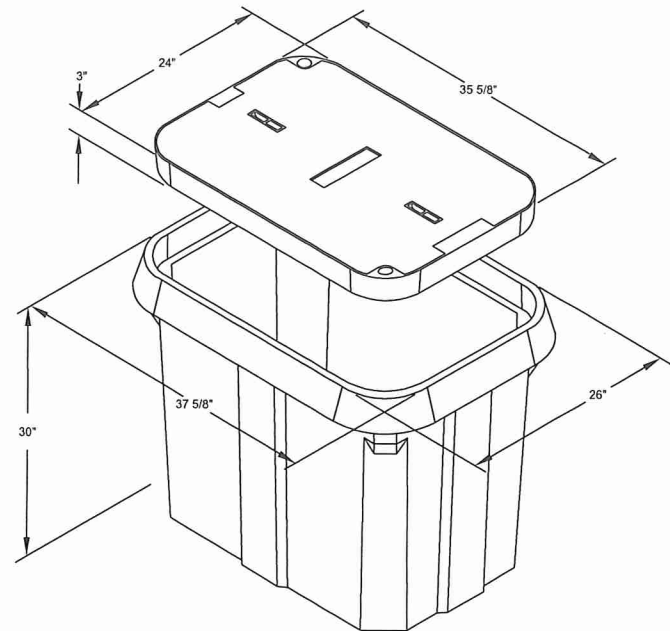
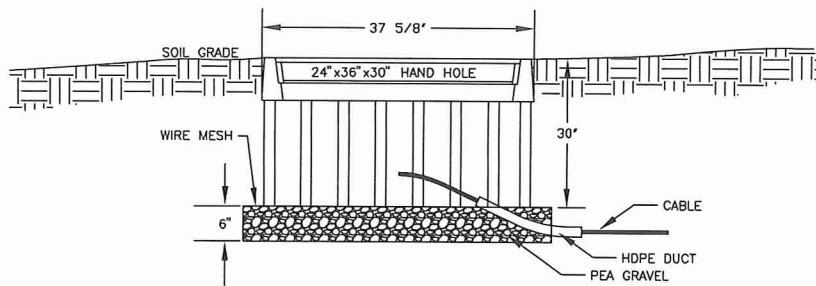
② For work areas less than 200 feet long, use channelizers spaced at 20 foot centers or use a vehicle with an amber revolving light or amber strobe light.

Possible Contract Item:
Traffic Control

 Iowa Department of Transportation	REVISION
	4 04-17-12
STANDARD ROAD PLAN	TC-202
REVISIONS: Removed "or Vertical Panel" from 42" Channelizer in Legend.	
SHEET 1 of 1	
 APPROVED BY DESIGN METHODS ENGINEER	
SHOULDER CLOSURE (ONE LANE)	

HANDHOLE TYPICAL

24" X 36" X 30" NEW BASIS HAND HOLE



IOWA COMMUNICATIONS NETWORK

GRIMES STATE OFFICE BUILDING
400 EAST 14TH STREET
DES MOINES, IOWA 50319
ICN © 2014. COPY WITH PERMISSION

THIS DRAWING IS PROVIDED FOR GENERAL INFORMATION ONLY AND IS NOT TO BE USED TO DETERMINE PRECISE ICH PLACEMENT. CALL ONE CALL BEFORE EXCAVATION (1-800-292-6989 OR 811)

CONSTRUCTION DETAIL
HANDHOLE TYPICAL
24" x 36" x 24"
TYPICAL HANDHOLE

SCALE: NONE

SIZE: 11 x 17

1	REVISION	3-27-12	5
2	REVISION	7-16-14	6
3			7
4			8

R:\Site Documents\AUTOCAD-POF\MISC DRAWINGS\DOT STANDARD DOCS\DOT_AttachmenL_HR_typ.dwg

Seeding.

1. On various portions of the right-of-way, except the traveled portion of the roadbed:
 - Prepare the seedbed,
 - Furnish, sow, and cover the seed, and
 - Compact the seedbed.
2. Seed other areas as may be indicated in the contract documents or directed by the Engineer. The limits of areas to be seeded will be clearly marked before the seedbed is prepared.
3. Do not disturb areas having a satisfactory growth of desirable grasses or legumes.
4. Sow seed only at times of the year when temperature, moisture, and climatic conditions will promote germination and plant growth. Normal permanent seed application dates are between March 1 and May 31, and between August 10 and September 30. If an area is disturbed, but not seeded by September 30th, scarify the area to a 3 inch (75mm) depth and mulch. Perform seeding

Application of Seed.

Use the seed mixture in Table 2601.03-1 for permanent seeding of rural areas, unless otherwise specified in the contract documents:

Fescue, Fawn	55 lbs. per acre (52 kg/ha)
Ryegrass, Perennial	45 lbs. per acre (51 kg/ha)
Birdfoot Trefoil	5 lbs. per acre (6 kg/ha)

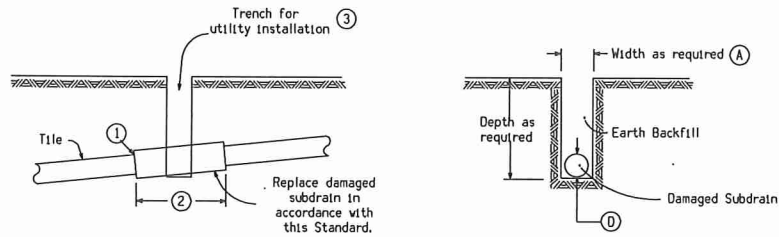
115.10(7) Repair and cleanup. Prior to the department's final inspection, the utility owner shall:

- a. Upon notification by the department, immediately make any repairs to the right-of-way that are necessary due to the construction work.
- b. Remove from the right-of-way all unused materials and rubbish resulting from the work and leave the right-of-way in a clean, presentable condition.

115.10(8) Final inspection.

- a. Upon notification by the owner of the utility facility or its authorized representative that the work is complete, the district representative may inspect each item of work included in the permit as it relates to the condition of the highway.
- b. If the district representative finds that the work is not in compliance with the permit, the district representative shall provide to the utility owner written notice of the particular defects found. The owner is responsible for remedying these defects in a timely manner.

Tile Line Repair Guideline



Note:
Replacement of drainage tile shall be accomplished so as to cause the minimum of disturbance to existing field tile. The repaired drainage tile shall be left in a functional condition with special emphasis placed on maintaining existing flow line elevations.

(A) = A minimum of 24" shall be excavated outside the normal utility trench wall or such greater width as may be required to expose a minimum of 12" of undamaged drain tile.

REPLACEMENT SCHEDULE - CASE 'A'											
Existing Tile (D)	4	6	8	10	12	15	18	21	24	>24	
Proposed Subdrain Size											
Concrete Pipe	-	-	12	15	15	18	21	24	30	0+6"	
Coated C.M.P.	10	12	15	18	21	24	30	36	36	*	

* Replacement sizes provide equivalent capacity based on 6" settlement assuming a 0.20% slope with $n = 0.013$ for concrete pipe and $n = 0.025$ for corrugated pipe (Manning Formula)

NOTES:

Tile lines disturbed within the right-of-way (outside the Roadway Embankment Area *) limits shall be repaired as follows:

May be repaired with schedule 40 PVC pipe of compatible size or in accordance with the replacement schedule-case 'A' as listed above. Replacement with schedule 40 PVC pipe shall require using a connecting device of a Femco plain and plain flexible pipe coupling or equal.

Tile lines disturbed within the "Roadway Embankment Area" shall be replaced in accordance with the replacement schedule - case 'A' stated above and as follows:

① Concrete collar to be placed around joint where existing tile line and corrugated aluminized metal pipe connect.

② Minimum length of corrugated metal pipe shall be 4 feet. Minimum length of 2 feet on each side of the tile line break location.

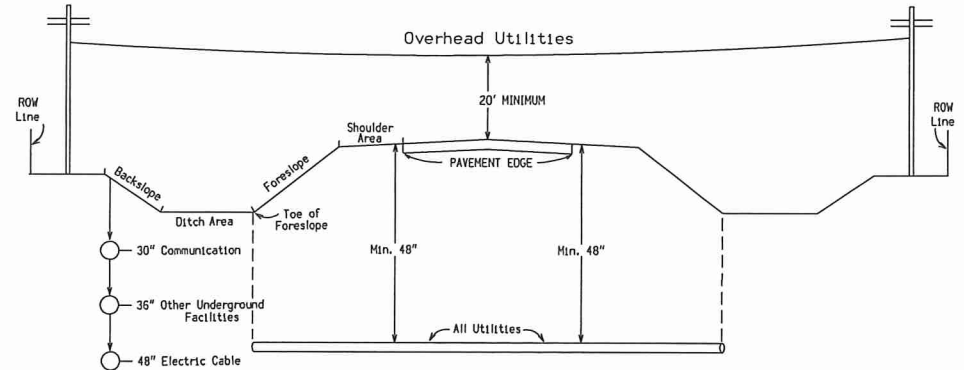
③ Trench shall be backfilled with 8 inches loose material, compacted to 6 inches with a minimum of 95% compaction of natural density.

A. Backfill and compact area around drain tile to be completed by hand until new tile is completely covered. Remainder of the trench shall be backfilled by acceptable methods.

B. Area shall require inspection by the Iowa Department of Transportation inspectors or their designated personnel prior to backfilling of trench.

* "Roadway Embankment Area" is defined as the area lying between the foreslopes of a two-lane roadway and from near foreslope to far foreslope of a four lane roadway.

Minimum Policy Requirements Rural Section Non-Freeway Highway



Notes:

Utilities shall be located between the toe of foreslope and the highway row line. Utilities should be located as near to the highway row line as practical. See Utility Policy, Section 115.13 for further details.

IOWA COMMUNICATIONS NETWORK			THIS DRAWING IS PROVIDED FOR GENERAL INFORMATION ONLY AND IS NOT TO BE USED TO DETERMINE PRECISE ION PLACEMENT. CALL ONE CALL BEFORE EXCAVATION (1-800-272-8999)	
1	IDOT	3-28-12	SCALE:	SIZE: 11 x 17
			TILE REPAIR &	
			REQ'D HEIGHT/DEPTH	
			RURAL	
			IDOT-RURAL	

R:\Site Documents\AUTOCAD-PDF\IDOT STANDARD DOCS\IDOT_Attachment_Tile & Depth.dwg

Iowa Network Services (INS) & Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

REVISED	1/28/13	PAR	3
REVISED	3/11/13	PAR	4,7
REVISED	8/5/13	PAR	7

ICN & INS PLACED JOINTLY STA. 259+20 TO STA. 389+00

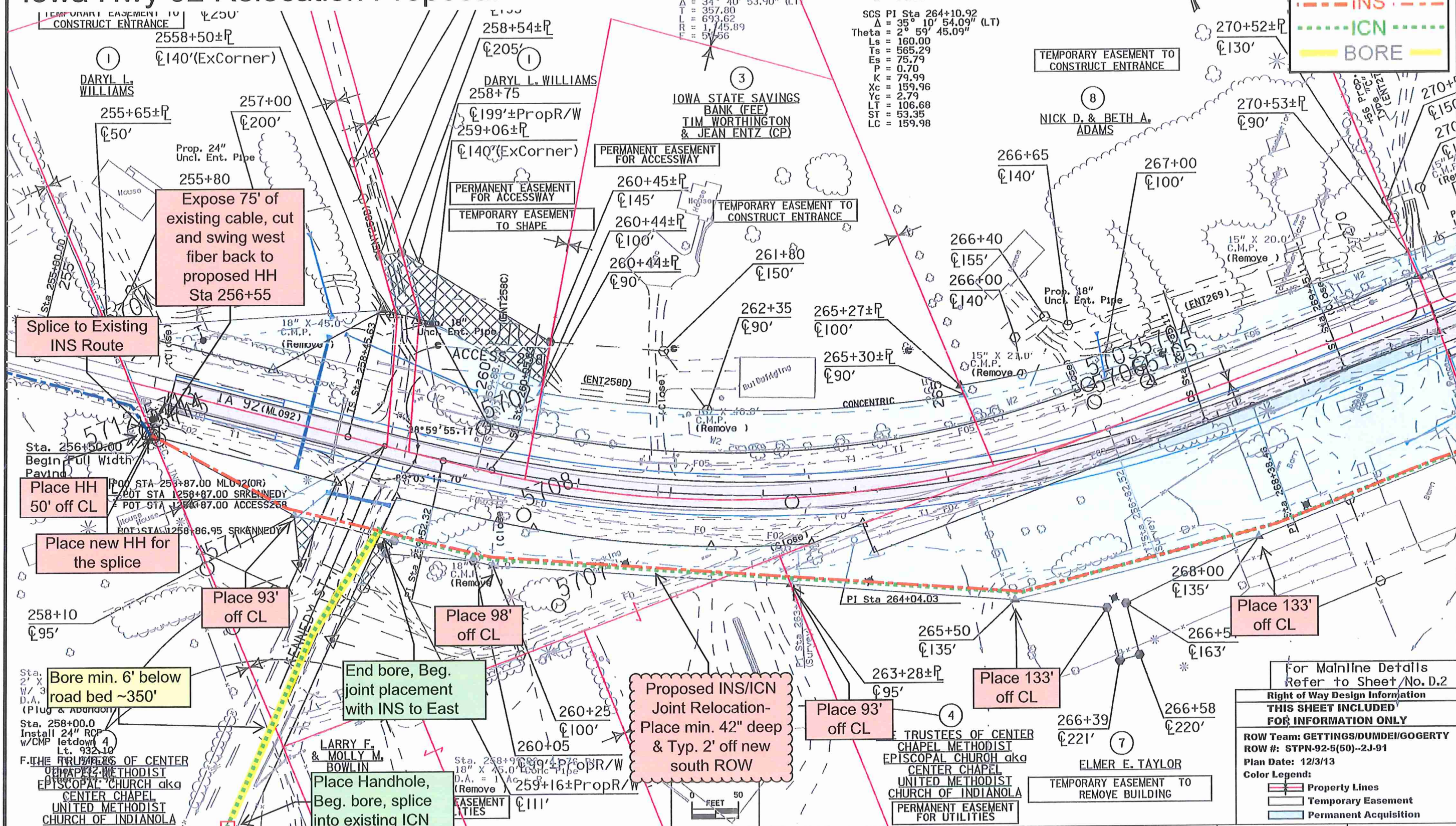
--- INS ---
 ICN
 --- BORE ---

Lincoln Twp.
 T-76N R-24W
 SEC. 29

Curve Data (Survey)
 $\Delta = 34^\circ 40' 53.90''$ (LT)
 $T = 357.80$
 $L = 693.62$
 $R = 1,745.89$
 $E = 57.56$

Curve Data
 $\Delta = 29^\circ 11' 23.92''$ (LT)
 $T = 398.39$
 $L = 779.48$
 $R = 1,530.00$
 $E = 51.02$

SCS PI Sta 264+10.92
 $\Delta = 35^\circ 10' 54.09''$ (LT)
 Theta = $2^\circ 59' 45.09''$ (LT)
 $Ls = 160.00$
 $Ts = 565.29$
 $P = 0.70$
 $K = 79.99$
 $Xc = 159.96$
 $LT = 106.68$
 $ST = 53.35$
 $LC = 159.98$



Expose 75' of existing cable, cut and swing west fiber back to proposed HH Sta 256+55

Splice to Existing INS Route

Place HH 50' off CL

Place new HH for the splice

Place 93' off CL

Place 98' off CL

Proposed INS/ICN Joint Relocation- Place min. 42" deep & Typ. 2' off new south ROW

Place 93' off CL

Place 133' off CL

Place 133' off CL

End bore, Beg. joint placement with INS to East

Place Handhole, Beg. bore, splice into existing ICN

For Mainline Details Refer to Sheet No. D.2

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: GETTINGS/DUMDEI/GOGERTY
 ROW #: STPN-92-5(50)--2J-91
 Plan Date: 12/3/13

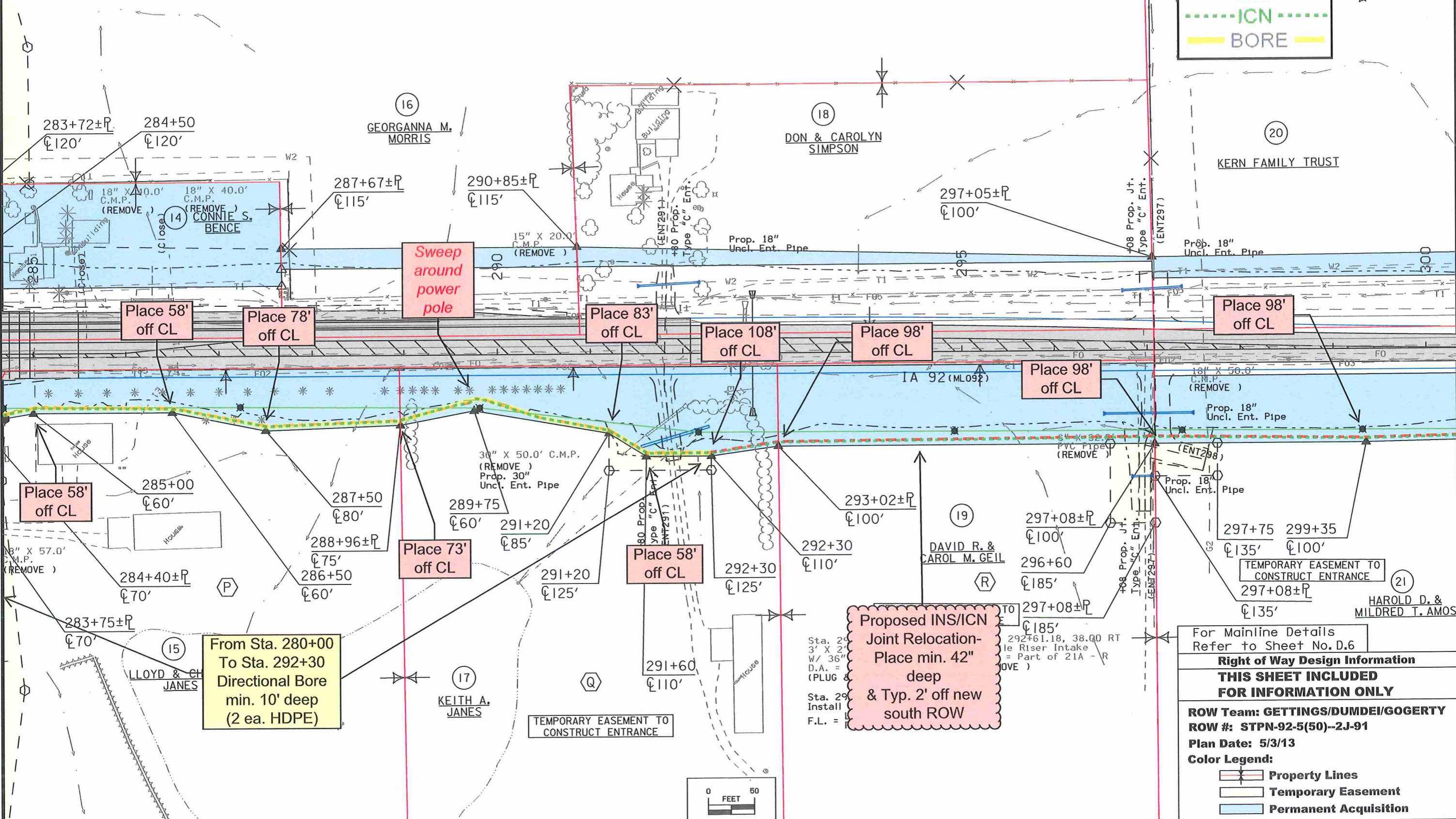
Color Legend:
 [Red Line] Property Lines
 [Blue Line] Temporary Easement
 [Green Line] Permanent Acquisition

Iowa Network Services (INS) & Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

Lincoln TWP.
T-76N R-24W
SEC. 29

REVISED	3/11/13	PAR	17,21
REVISED	4/10/13	PAR	20
REVISED	5/3/13	PAR	17

ICN & INS
PLACED JOINTLY
STA. 259+20 TO
STA. 389+00



From Sta. 280+00
To Sta. 292+30
Directional Bore
min. 10' deep
(2 ea. HDPE)

Proposed INS/ICN
Joint Relocation-
Place min. 42"
deep
& Typ. 2' off new
south ROW

For Mainline Details
Refer to Sheet No. D.6

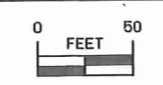
Right of Way Design Information

**THIS SHEET INCLUDED
FOR INFORMATION ONLY**

ROW Team: GETTINGS/DUMDEI/GOGERTY
ROW #: STPN-92-5(50)--2J-91
Plan Date: 5/3/13

Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition



Iowa Network Services (INS) & Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

KERN FAMILY TRUST

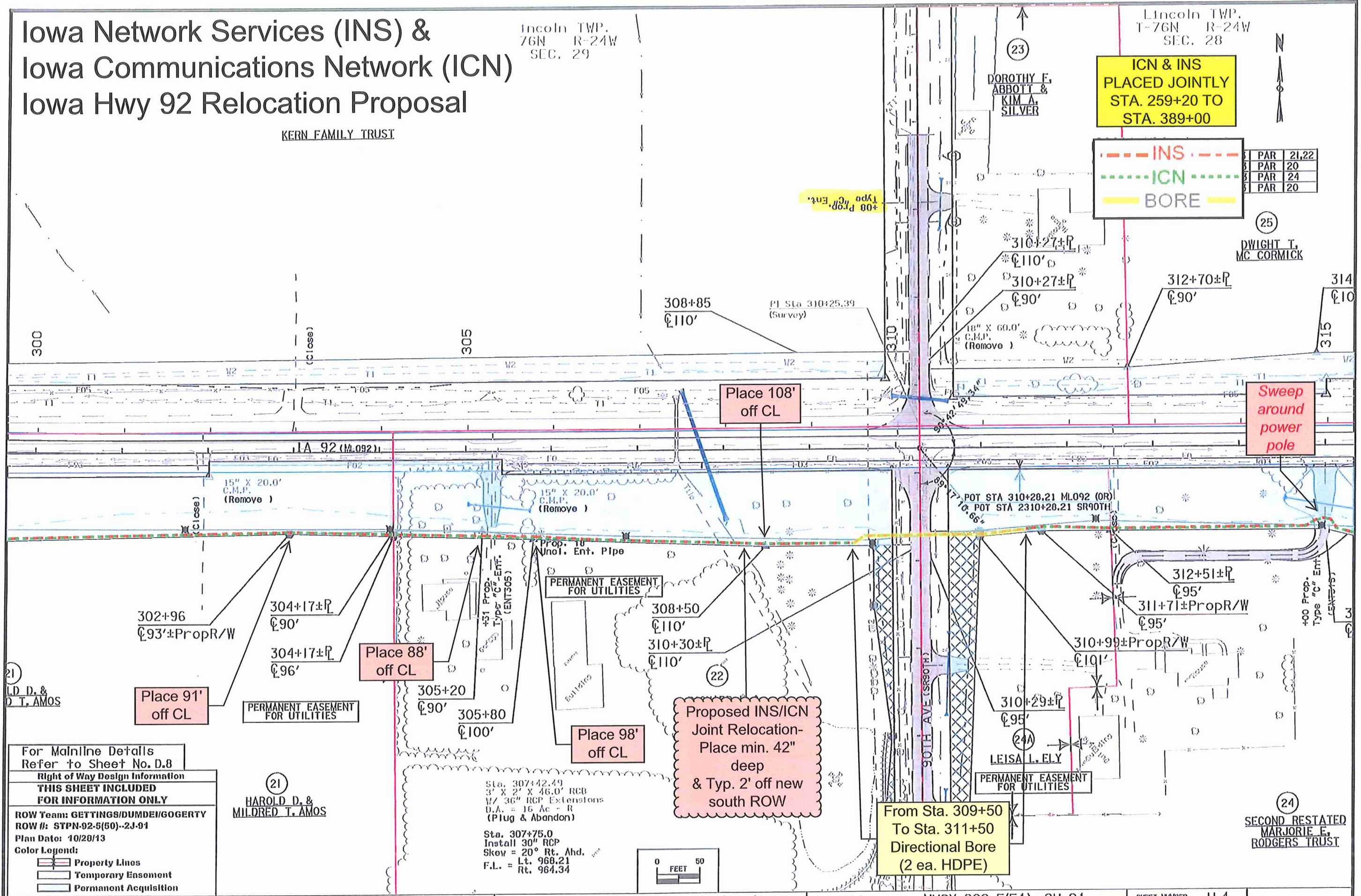
Lincoln TWP.
76N R-24W
SEC. 29

Lincoln TWP.
T-76N R-24W
SEC. 28

ICN & INS
PLACED JOINTLY
STA. 259+20 TO
STA. 389+00



PAR	21,22
PAR	20
PAR	24
PAR	20



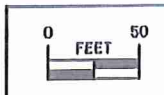
For Mainline Details
Refer to Sheet No. D.8
Right of Way Design Information
**THIS SHEET INCLUDED
FOR INFORMATION ONLY**
ROW Team: GETTINGS/DUMDEI/GOGERTY
ROW #: STPN-92-5(50)--2J-91
Plan Date: 10/20/13
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

(21) HAROLD D. &
MILDRED T. AMOS

Sta. 307+42.49
3' X 2' X 46.0' RCB
W/ 36" RCP Extensions
D.A. = 16 Ac - R
(Plug & Abandon)

Sta. 307+75.0
Install 30" RCP
Skew = 20° Rt. Ahd.
F.L. = Lt. 968.21
Rt. 964.34



Proposed INS/ICN
Joint Relocation-
Place min. 42"
deep
& Typ. 2' off new
south ROW

From Sta. 309+50
To Sta. 311+50
Directional Bore
(2 ea. HDPE)

Iowa Network Services (INS) & Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

Lincoln TWP.
T-76N R-24W
SEC. 28

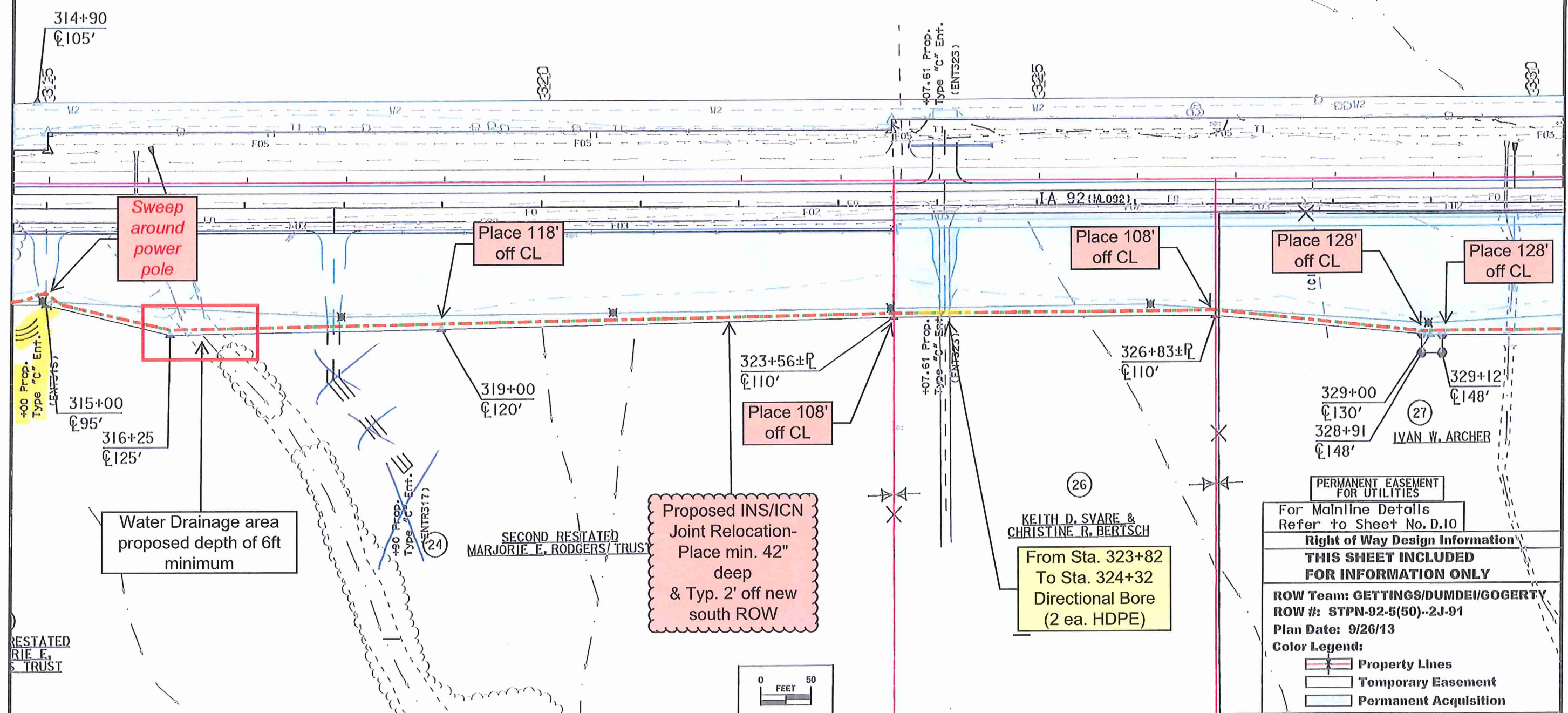
ICN & INS
PLACED JOINTLY
STA. 259+20 TO
STA. 389+00

REVISED	3/11/13	PAR	25,27
REVISED	9/26/13	PAR	24



(25) DWIGHT T. MC CORMICK

(25) DWIGHT T. MC CORMICK



Water Drainage area
proposed depth of 6ft
minimum

Proposed INS/ICN
Joint Relocation-
Place min. 42"
deep
& Typ. 2' off new
south ROW

From Sta. 323+82
To Sta. 324+32
Directional Bore
(2 ea. HDPE)

PERMANENT EASEMENT FOR UTILITIES

For Mainline Details Refer to Sheet No. D.10

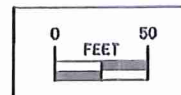
Right of Way Design Information

THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: GETTINGS/DUMDEI/GOGERTY
ROW #: STPN-92-5(50)--2J-91
Plan Date: 9/26/13

Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition



Right of Way Design Information

THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: **GETTINGS/DUMDEI/GOGERTY**

ROW #: **STPN-92-5(50)--2J-91**

Plan Date: **8/26/13**

Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

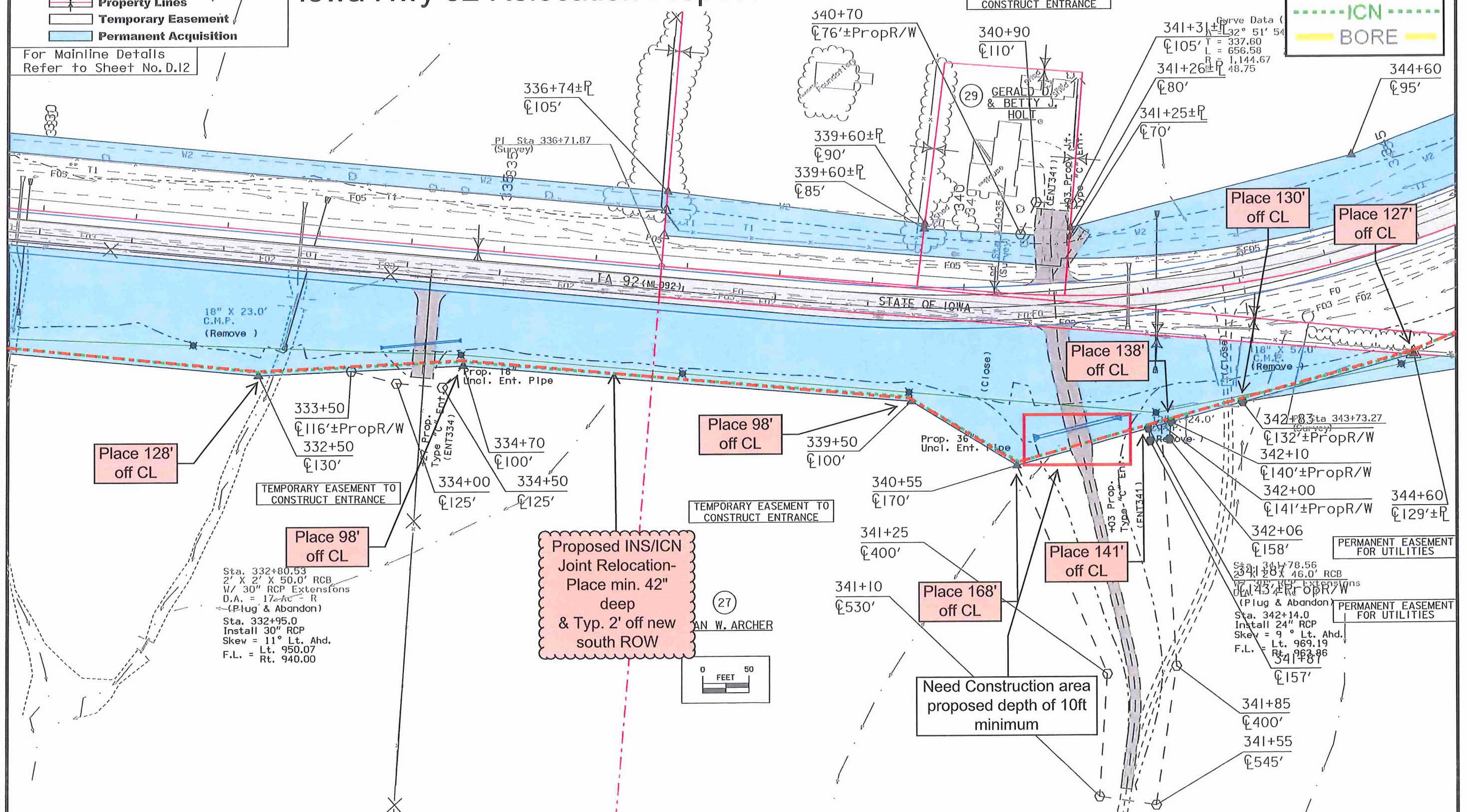
For Mainline Details Refer to Sheet No. D.12

Iowa Network Services (INS) & Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

THY BRUERE

REVISED	3/11/13	PAR	27
REVISED	5/3/13	PAR	27
REVISED	8/26/13	PAR	28

ICN & INS PLACED JOINTLY STA. 259+20 TO STA. 389+00



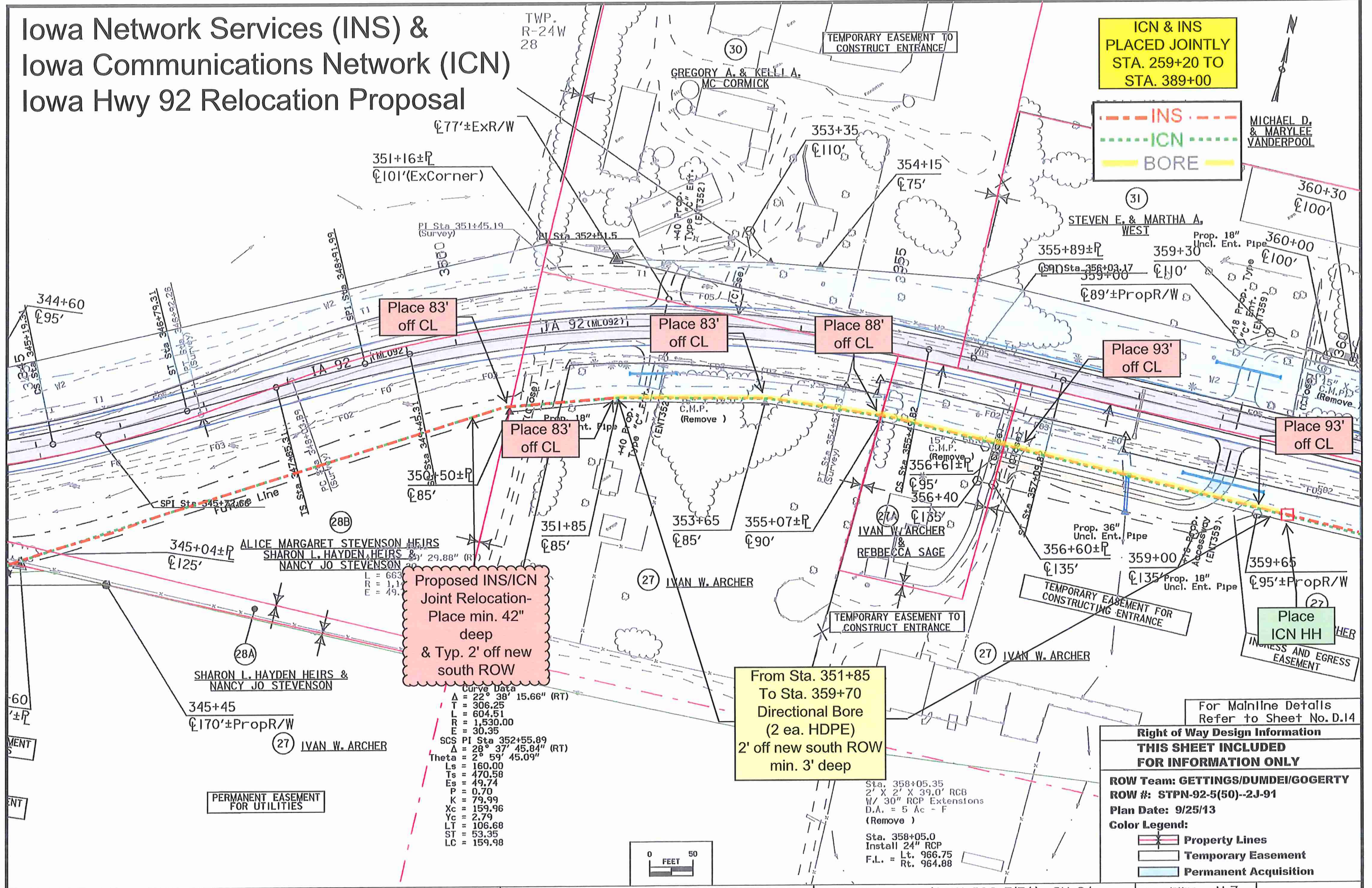
Iowa Network Services (INS) & Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

TWP. R-24W 28

ICN & INS
PLACED JOINTLY
STA. 259+20 TO
STA. 389+00

INS
ICN
BORE

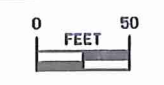
MICHAEL D. & MARYLEE VANDERPOOL



Proposed INS/ICN
Joint Relocation-
Place min. 42"
deep
& Typ. 2' off new
south ROW

From Sta. 351+85
To Sta. 359+70
Directional Bore
(2 ea. HDPE)
2' off new south ROW
min. 3' deep

Curve Data
 $\Delta = 22^\circ 38' 15.66''$ (RT)
 $T = 306.25$
 $L = 604.51$
 $R = 1,530.00$
 $E = 30.35$
 SCS PI Sta 352+55.89
 $\Delta = 28^\circ 37' 45.84''$ (RT)
 $\text{Theta} = 2^\circ 59' 45.09''$
 $L_s = 160.00$
 $T_s = 470.58$
 $E_s = 49.74$
 $P = 0.70$
 $K = 79.99$
 $X_c = 159.96$
 $Y_c = 2.79$
 $LT = 106.68$
 $ST = 53.35$
 $LC = 159.98$



For Mainline Details
Refer to Sheet No. D.14

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: GETTINGS/DUMDEI/GOGERTY
 ROW #: STPN-92-5(50)--2J-91
 Plan Date: 9/25/13
 Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

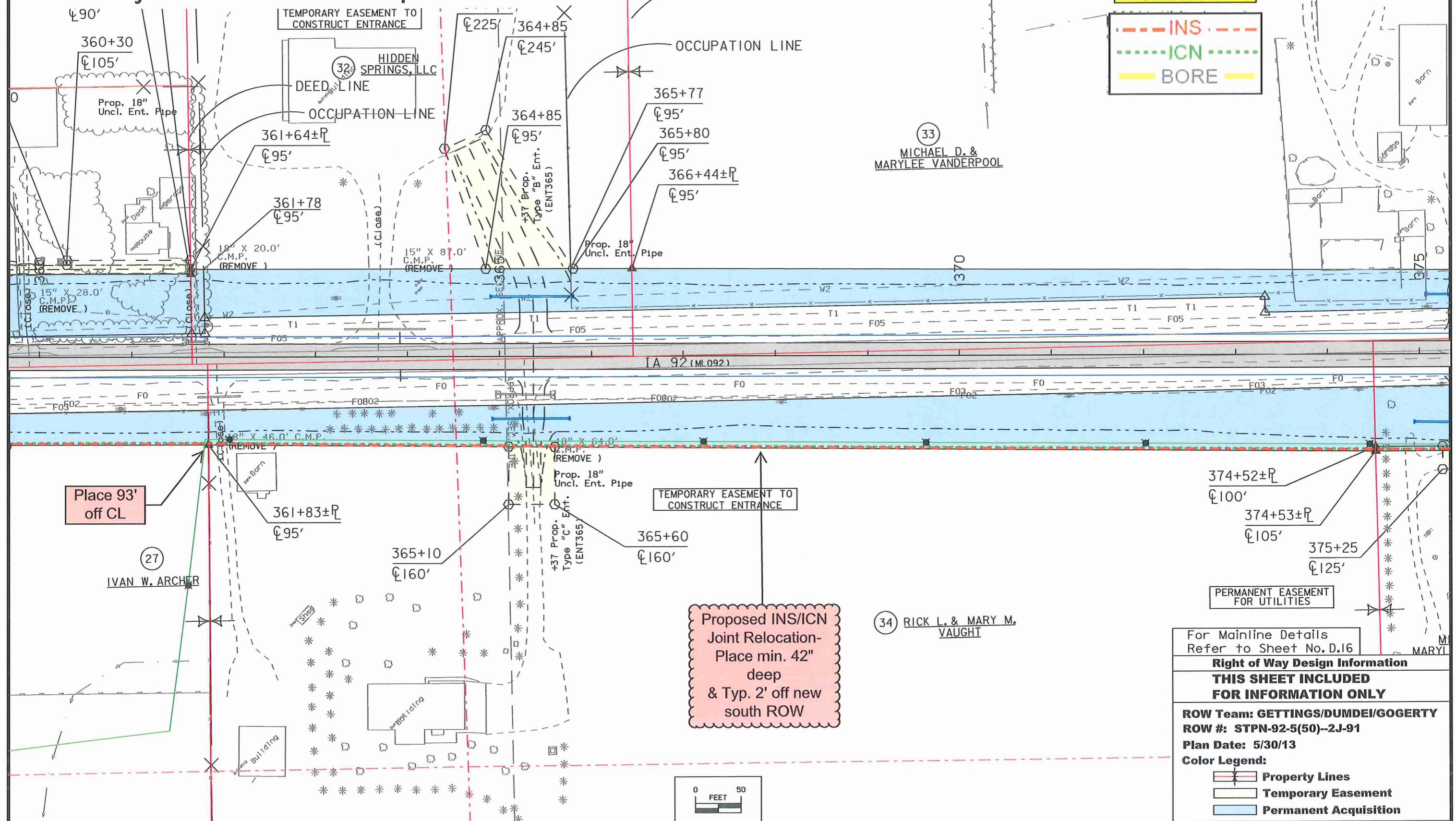
Iowa Network Services (INS) & Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

Lincoln TWP.
T-76N R-24W
SEC. 27

REVISED 3/11/13 PAR 33A

ICN & INS
PLACED JOINTLY
STA. 259+20 TO
STA. 389+00

--- INS ---
--- ICN ---
--- BORE ---



Place 93'
off CL

Proposed INS/ICN
Joint Relocation-
Place min. 42"
deep
& Typ. 2' off new
south ROW

For Mainline Details
Refer to Sheet No. D.16

Right of Way Design Information
THIS SHEET INCLUDED
FOR INFORMATION ONLY

ROW Team: GETTINGS/DUMDEI/GOGERTY
ROW #: STPN-92-5(50)--2J-91
Plan Date: 5/30/13

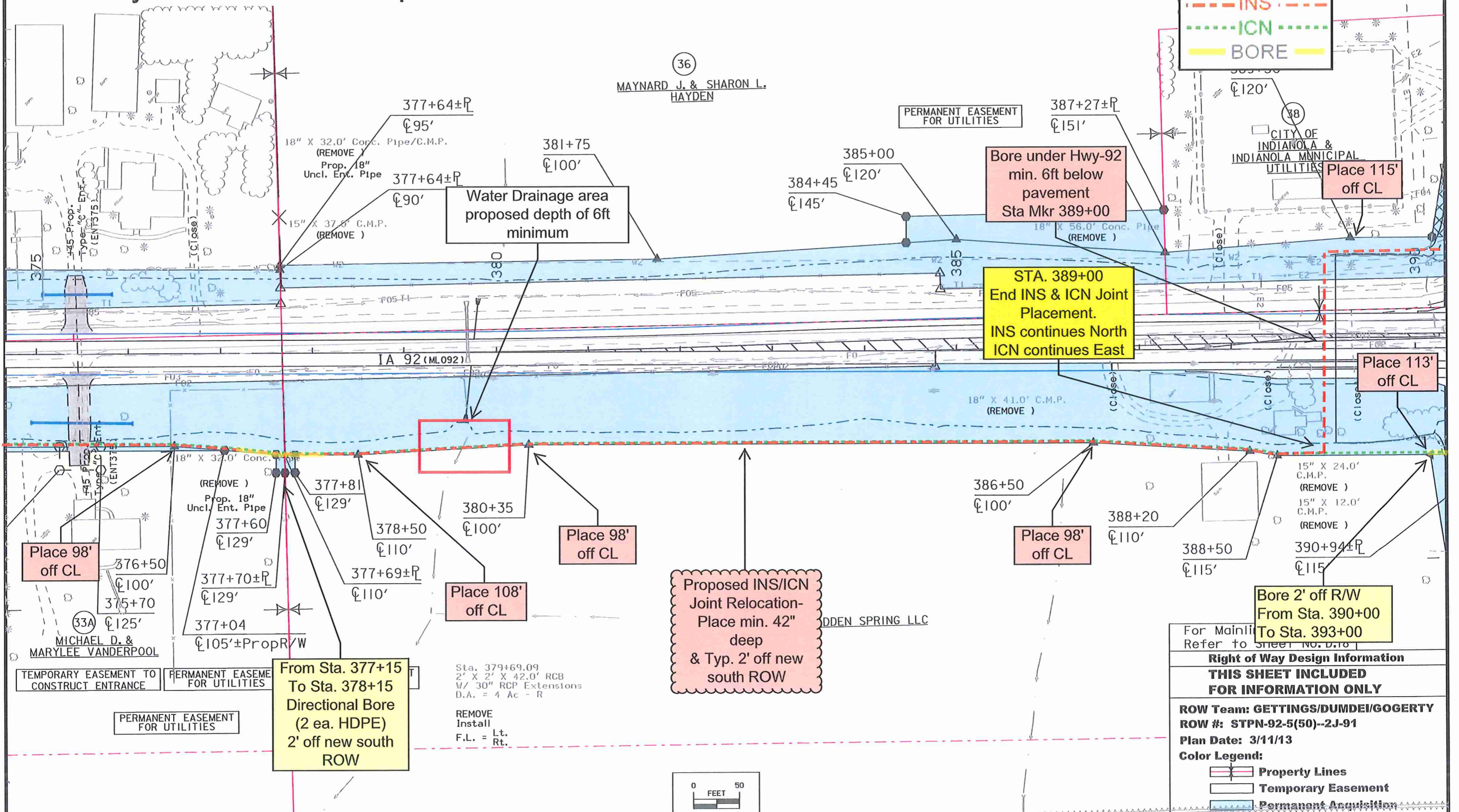
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

Iowa Network Services (INS) & Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

Lincoln TWP.
T-76N R-24W
SEC. 27

REVISED	1/23/13	PAR	33
REVISED	3/11/13	PAR	33A,36,37



ICN & INS
PLACED JOINTLY
STA. 259+20 TO
STA. 389+00

INS
ICN
BORE

Bore under Hwy-92
min. 6ft below
pavement
Sta Mkr 389+00

STA. 389+00
End INS & ICN Joint
Placement.
INS continues North
ICN continues East

Proposed INS/ICN
Joint Relocation-
Place min. 42"
deep
& Typ. 2' off new
south ROW

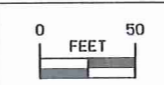
From Sta. 377+15
To Sta. 378+15
Directional Bore
(2 ea. HDPE)
2' off new south
ROW

Bore 2' off R/W
From Sta. 390+00
To Sta. 393+00

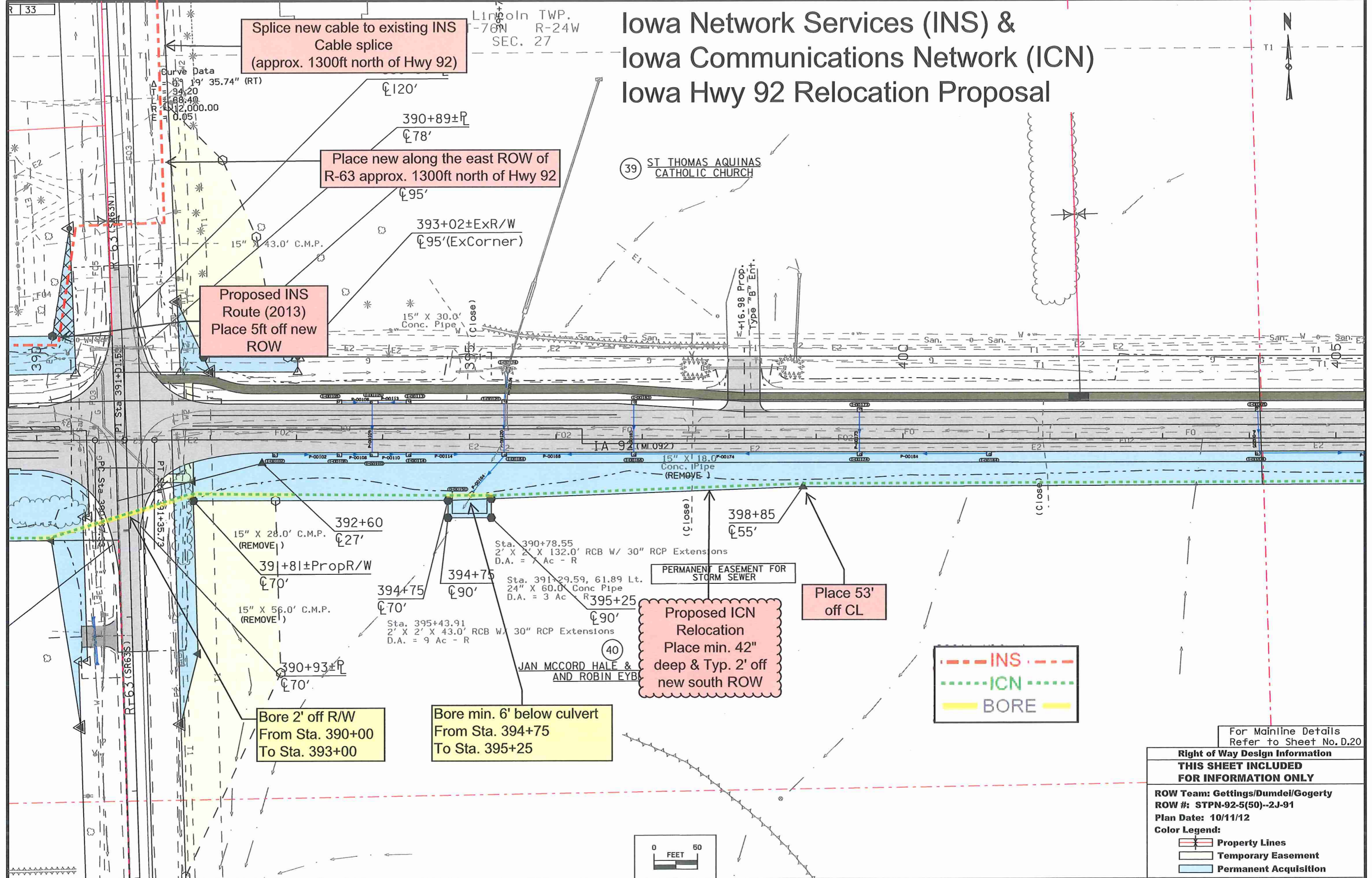
For Mainline Refer to SHEET NO. D.10
Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: GETTINGS/DUMDEI/GOGERTY
ROW #: STPN-92-5(50)--2J-91
Plan Date: 3/11/13
Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

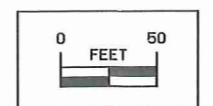


Iowa Network Services (INS) & Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal



For Mainline Details Refer to Sheet No. D.20

Right of Way Design Information	
THIS SHEET INCLUDED FOR INFORMATION ONLY	
ROW Team: Gettings/Dumdei/Gogerty	
ROW #: STPN-92-5(50)--2J-91	
Plan Date: 10/11/12	
Color Legend:	
	Property Lines
	Temporary Easement
	Permanent Acquisition



Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

Lincoln TWP.

REVISED	5/3/13	PAR	41
REVISED	10/21/13	PAR	40

Sta. 417+03.73, 37.07 Lt.
22" X 14" X 60.0' Arch Conc Pipe
D.A. = 4 Ac - R
(U.A.C.)

Curve Data
 $\Delta = 0^\circ 25' 37.45''$ (LT)
 $T = 44.72$
 $L = 89.45$
 $R = 12,000.00$
 $E = 0.08$
 417+34±R

40
 JAN MCCORD HALE & WILLIAM M. HALE
 AND ROBIN R. EYBERG

405

410

15" X 24.0" C.M.P.
(Remove)

400 PROP. TYPE "C" ENT.

400 PROP. TYPE "C" ENT.

40
 JAN MCCORD HALE & WILLIAM M. HALE
 AND ROBIN R. EYBERG

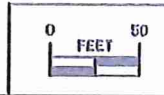
Proposed ICN Relocation
 Place min. 42" deep & Typ. 2' off new south ROW

From Sta. 415+50
 To Sta. 420+00
 Directional Bore HDPE
 2' off new south ROW
 and min. 15' below road bed

Sta. 412+66.92, 247.41 Rt
 6" Tile Riser Intake
 D.A. = 5A - R
 (U.A.C.)

Sta. 414+54.06, 307.09 Rt
 6" Tile Riser Intake
 D.A. = 2A - R
 (U.A.C.)

Sta. 417+30.31, 350.36 Rt
 30" X 44.0' CMP
 D.A. = 16 Ac - R
 (Relocate)

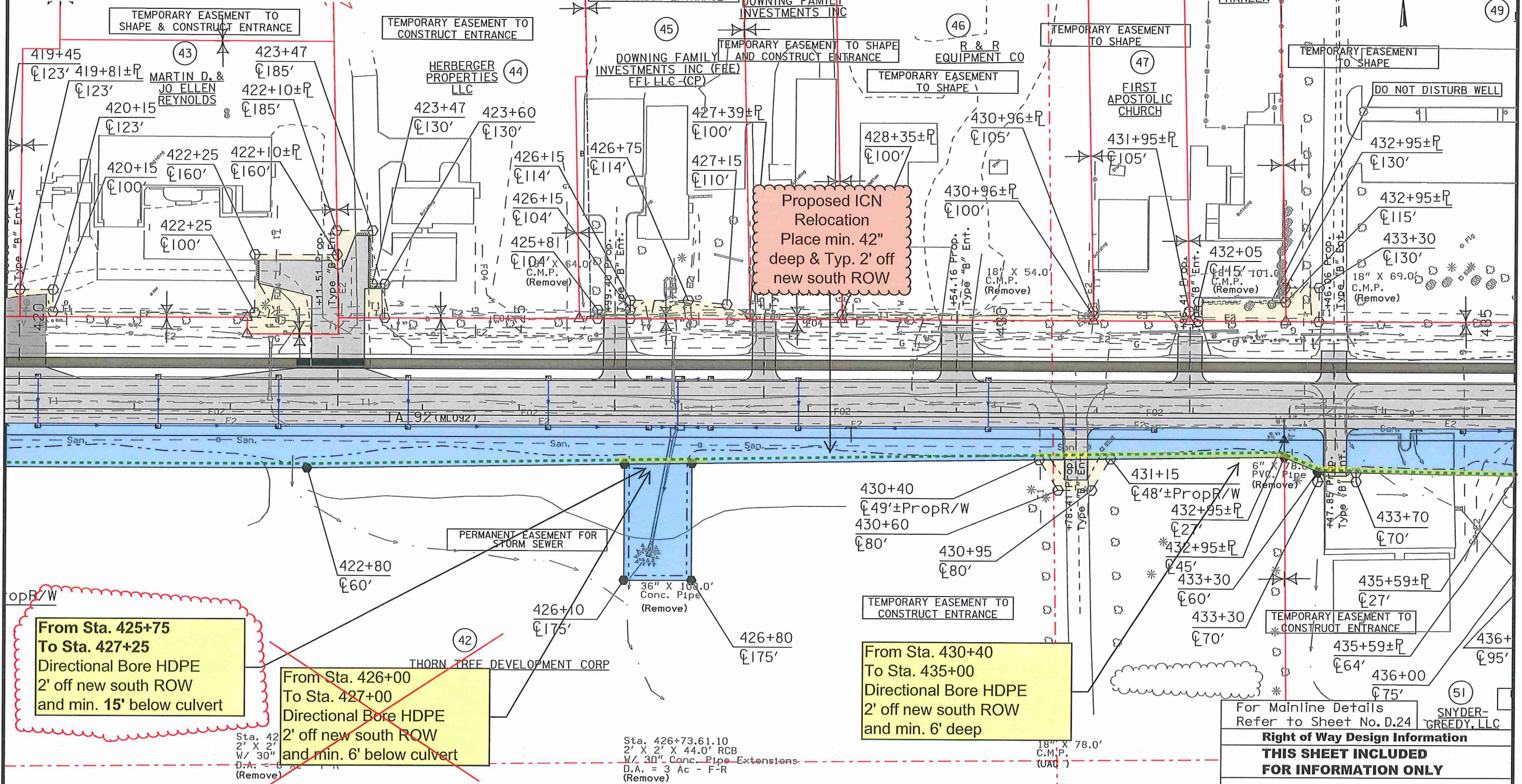


Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: GETTINGS/DUMDEI/GOGERTY
 ROW #: STPN-92-5(50)--2J-91
 Plan Date: 10/21/13
 Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal



**From Sta. 425+75
To Sta. 427+25**
Directional Bore HDPE
2' off new south ROW
and min. 15' below culvert

**From Sta. 426+00
To Sta. 427+00**
Directional Bore HDPE
2' off new south ROW
and min. 6' below culvert

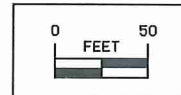
**From Sta. 430+40
To Sta. 435+00**
Directional Bore HDPE
2' off new south ROW
and min. 6' deep

For Mainline Details
Refer to Sheet No. D.24

Right of Way Design Information
THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: GETTINGS/DUMDEI/GOGERTY
ROW #: STPN-92-5(50)--2J-91
Plan Date: 5/8/13
Color Legend:

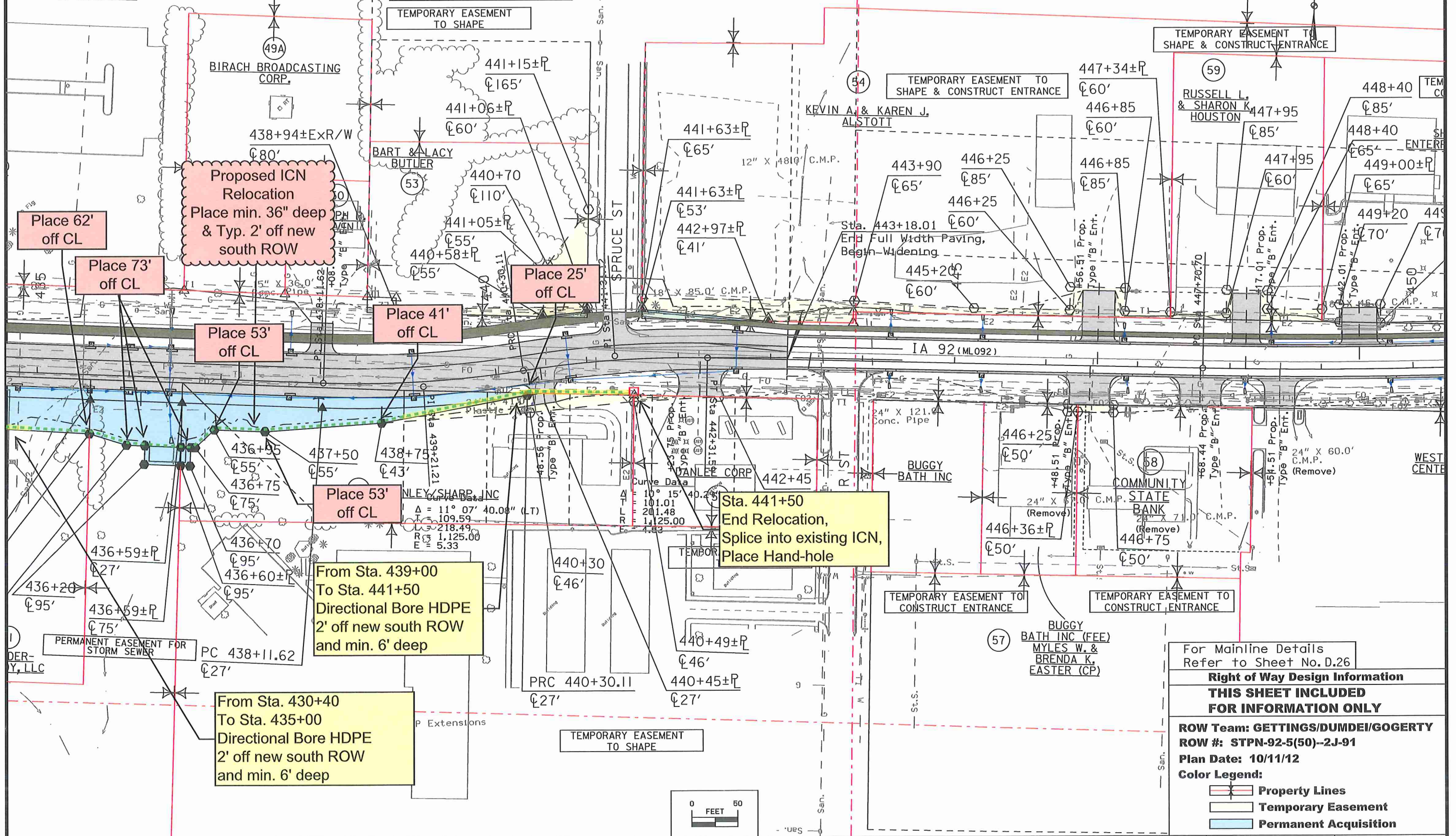
- Property Lines
- Temporary Easement
- Permanent Acquisition



Iowa Communications Network (ICN) Iowa Hwy 92 Relocation Proposal

Lincoln TWP.
T-76N R-24W
SEC. 26

INDIANOLA



Place 62' off CL

Place 73' off CL

Proposed ICN Relocation
Place min. 36" deep & Typ. 2' off new south ROW

Place 53' off CL

Place 41' off CL

Place 25' off CL

Place 53' off CL

From Sta. 439+00 To Sta. 441+50
Directional Bore HDPE 2' off new south ROW and min. 6' deep

From Sta. 430+40 To Sta. 435+00
Directional Bore HDPE 2' off new south ROW and min. 6' deep

Sta. 441+50
End Relocation, Splice into existing ICN, Place Hand-hole

For Mainline Details Refer to Sheet No. D.26

Right of Way Design Information

THIS SHEET INCLUDED FOR INFORMATION ONLY

ROW Team: GETTINGS/DUMDEI/GOGERTY

ROW #: STPN-92-5(50)--2J-91

Plan Date: 10/11/12

Color Legend:

- Property Lines
- Temporary Easement
- Permanent Acquisition

