



Iowa Department of Transportation  
Form 810025 (02-11)

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

Print Form

**FOR DEPARTMENT USE ONLY**

Permit Number <i>911A-2015-021</i>	Highway Number <i>92</i>	County <i>WARREN</i>
DOT Project Number <i>NHSX-092-5(5D)-3H-91</i>		Expiration/Completion Date <i>4-1-2015</i>
<b>APPLICANT (INDIVIDUAL OR COMPANY)</b>		
First Name	Middle Initial	Last Name
Company Name Indianola Municipal Utilities		Phone Number 515-961-9444
Street Address P.O. Box 356, 111 South Buxton St.	City/Town Indianola	State IA
		ZIP Code 50125

**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:

**Underground electric cables in 2" and 6" PVC conduit for distribution of electricity at 13.2 kV.** Fiber optic cable in conduit on same route is covered under a separate permit. Installation will be by open cut. Conduits will run parallel to Hwy 92 within DOT right of way as shown on attached drawing E8958-922, from Sta. 418+16 to 419+63, with pad mounted switchgear at Sta. 419+63. Burial depth is shown on attached drawing E8958-937.

Materials:

- Conduits (1) 2" PVC
- (1) 6" PVC
- Switchgear pad Fiberglass, 73"x75"x36"
- Switchgear Steel enclosure, 67"x75"x45"
- Cable (1) 1/0 AWG Alum, 13.2 kV single phase
- (1 set) 3-1000 kemil Alum, 13.2 kV three phase

*Underground Electric markings attached*

Traffic control plan for Hwy 92 will be TC-202 if needed. Traffic control for the local roads affected will be coordinated with county and city officials. See attached drawings E8958-922, and -937.

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, Twp. 76N, Range 24W on Highway No. 92 generally located \_\_\_\_\_ (miles) within (direction) from Indianola, IA (city, county line, or other land line). Work proposed is more specifically located as being from 129+02 (Milepost #) and 418+16 (Highway Station) to 129+04 (Milepost #) and 419+63 (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) <i>Bob Witter Todd Kellskopf</i>	Agent/Owner (Signature) <i>[Signature]</i>	Title <i>Iowa General Manager Superintendents</i>
Name of Owner (Print or Type) Indianola Municipal Utilities	Date <i>3-4-15</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 Con Dev</i>	Date <i>3-4-15</i>
Type or Print Name <i>Charles Burkert</i>	Authorized Official for the City of Indianola, IA	

**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	Title	Date
Type or Print Name	Authorized Official for the County of	



**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-2015-021

Authorized Highway District Representative  
Date 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.



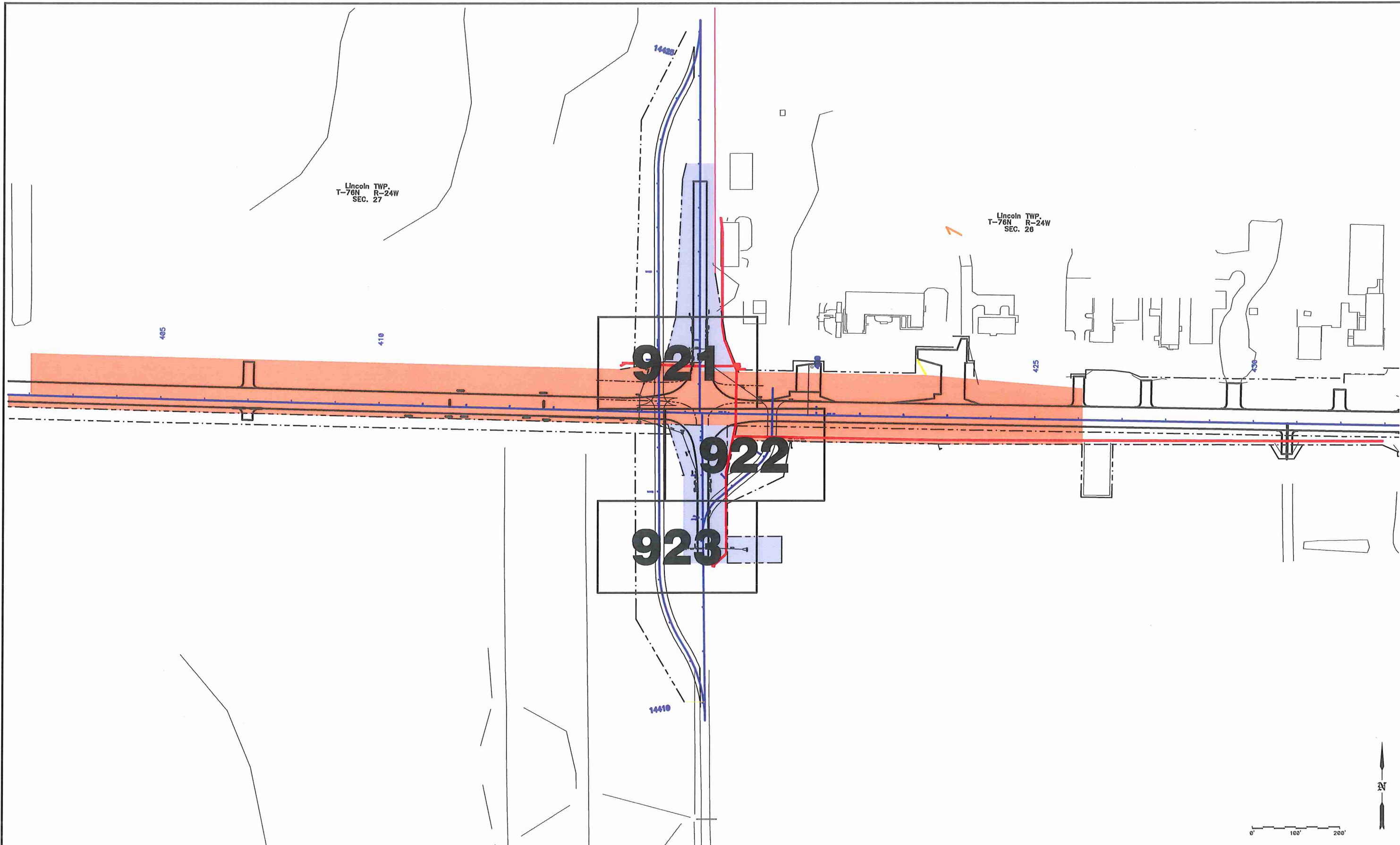
115.16(5) Identification signs, pedestals and repeater stations.

- a. The utility owner shall place identification signs within 12 inches of the right-of-way fence, at the line of sight, along the entire occupancy route. These signs shall identify the owner/operator's name, telephone number to contact in case of an emergency, and the type of buried utility.
  - (1) The signs shall be composed of an ultraviolet-resistant material.
  - (2) Each sign shall be no larger than 200 square inches.
  - (3) The interval between signs shall not exceed one-quarter mile in rural areas and 500 feet in urban areas, or as designated by the department.
  - (4) Additional signs shall be placed on each side of a public highway, road or street intersecting or crossing the freeway at points where the freeway right-of-way line intersects the public highway, road or street right-of-way line.
  - (5) The utility owner is responsible for installing and maintaining these identification signs.
- b. Aboveground pedestals are permissible. Pedestals should be placed one foot from the right-of-way fence. The number of installations is subject to department approval.
- c. Repeater stations are not allowed in the right-of-way.

115.16(6) **Metallic warning tape.** Metallic warning tape shall be installed a minimum of 12 inches below the existing grade and above the utility installation to facilitate locating the installation in the future.

115.16(7) **Engineering.** The utility owner shall retain the services of a licensed, professional engineer.

- a. The engineer is responsible for overseeing continuous on-site inspection of the installation of the facility including all provisions pertaining to access to the work site and traffic control.
- b. Upon completion of the project, the engineer shall certify to the department on the appropriate forms that the installation, traffic control, and access to the work site were accomplished in accordance with the permit.
- c. Any change to the alignment as described in the original permit requires the prior approval of the department and the submission of as-built plans.



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

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

405

410

921

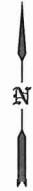
425

922

923

14410

0' 100' 200'



**LEGEND**

	IMU CONDUIT		DOT NEWLY ACQUIRED PROPERTY
	ROW		INDIANOLA NEWLY ACQUIRED PROPERTY
	DOT GRADING LIMITS		
	EXISTING ROAD EDGE		
	NEW ROAD EDGE		
	IMU EASEMENT		

**PRELIMINARY  
NOT FOR CONSTRUCTION**

REV	DATE	DESG	DFTR	APP	DESCRIPTION
B	03-03-15	P&E	RWB	ARP	REVISED AND ADDED HATCH FOR OWNERSHIP
A	02-16-15	P&E	RWB	ARP	ORIGINAL DESIGN

**P & E ENGINEERING CO.**  
POWER SYSTEM ANALYSIS AND DESIGN  
215 S. 6th  
P.O. Box 620  
Carlisle, IA 50047  
Office: 515-888-3033  
Fax: 515-888-3158  
psa@pe-engineer.com

**INDIANOLA MUNICIPAL UTILITIES**  
**IMU**  
Electric • Network Services • Water

DATE	02-16-15
DESIGNED	P&E
DRAWN	RWB
APPROVED	ARP
APPROVED	ARP

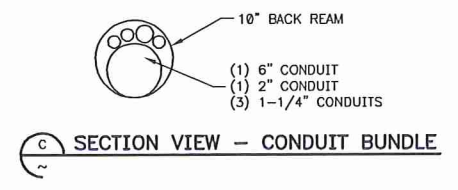
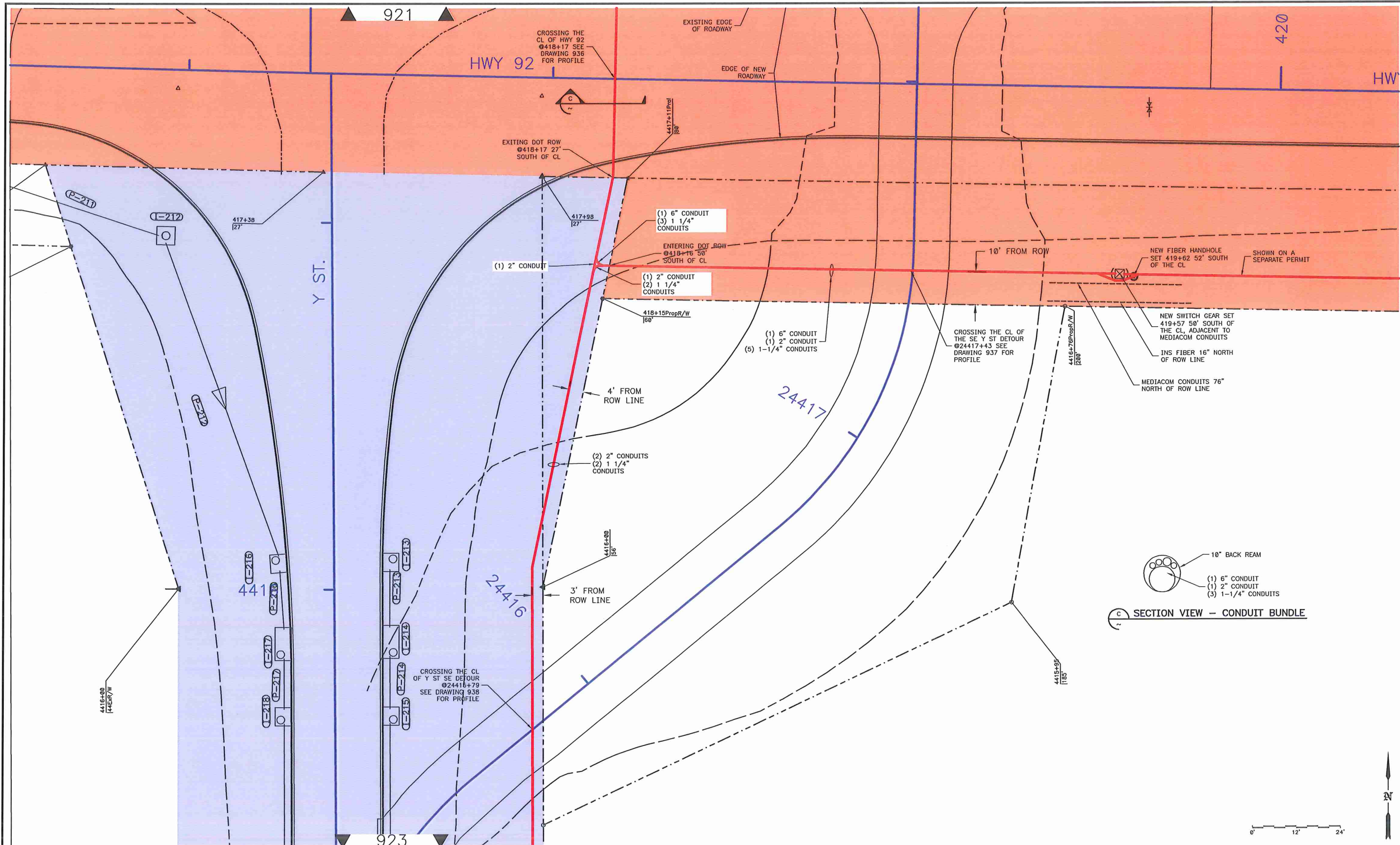
**INDIANOLA MUNICIPAL UTILITIES**  
2015 W. Hwy 92 and Y Street Intersection Relocation Project  
DOT PERMIT INDEX

SCALE:	AS NOTED	REV	B
		DWG NO	E8958-920









**LEGEND**

- IMU CONDUIT
- ROW
- DOT GRADING LIMITS
- EXISTING ROAD EDGE
- NEW ROAD EDGE
- IMU EASEMENT

**PRELIMINARY  
NOT FOR CONSTRUCTION**

REV	DATE	DESIGN	DFTR	APP	DESCRIPTION
C	03-09-15	P&E	RWB	ARP	ADDED MEDIACOM AND INS CBL, MOVED SWGR AT 419+57
B	03-03-15	P&E	RWB	ARP	REVISED AND ADDED HATCH FOR OWNERSHIP
A	02-16-15	P&E	RWB	ARP	ORIGINAL DESIGN

**P & E ENGINEERING CO.**  
POWER SYSTEM ANALYSIS AND DESIGN

245 S. 5th  
P.O. Box 620  
Carlsile, IA 50047

Office: 515-699-3023  
FAX: 515-699-3138  
peear@peear.com

**INDIANOLA MUNICIPAL UTILITIES**

**IMU**  
Electric • Network Services • Water

DATE 02-16-15  
DESIGNED P&E  
DRAWN RWB  
APPROVED ARP  
APPROVED ARP

**INDIANOLA MUNICIPAL UTILITIES**

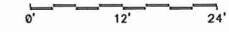
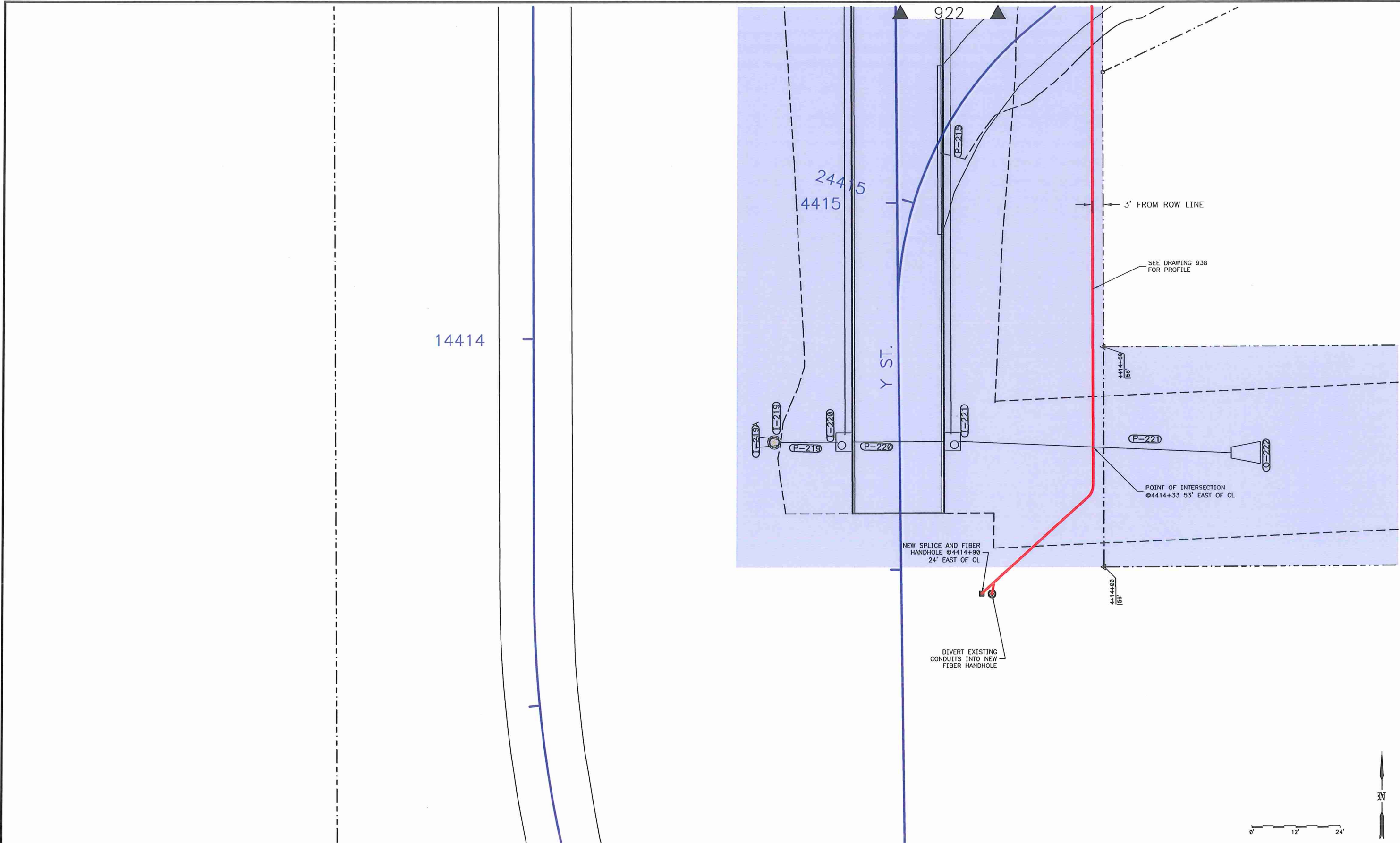
2015 W. Hwy 92 and Y Street Intersection Relocation Project

DOT PERMIT DRAWING  
PLAN VIEW

SCALE: AS NOTED

REV C

DWG NO  
**E8958-922**



**LEGEND**

	IMU CONDUIT		DOT NEWLY ACQUIRED PROPERTY
	ROW		INDIANOLA NEWLY ACQUIRED PROPERTY
	DOT GRADING LIMITS		
	EXISTING ROAD EDGE		
	NEW ROAD EDGE		
	IMU EASEMENT		

**PRELIMINARY  
NOT FOR CONSTRUCTION**

REV	DATE	DESIG	DFTR	APP	DESCRIPTION
B	03-03-15	P&E	RWB	ARP	REVISED AND ADDED HATCH FOR OWNERSHIP
A	02-16-15	P&E	RWB	ARP	ORIGINAL DESIGN

**P & E ENGINEERING CO.**  
POWER SYSTEM ANALYSIS AND DESIGN

245 S. 5th  
P.O. Box 620  
Carlisle, IA 50047

Office: 515-509-3033  
Fax: 515-509-3138  
pecon@peconor.com

**INDIANOLA MUNICIPAL UTILITIES**

**IMU**

Electric • Network Services • Water

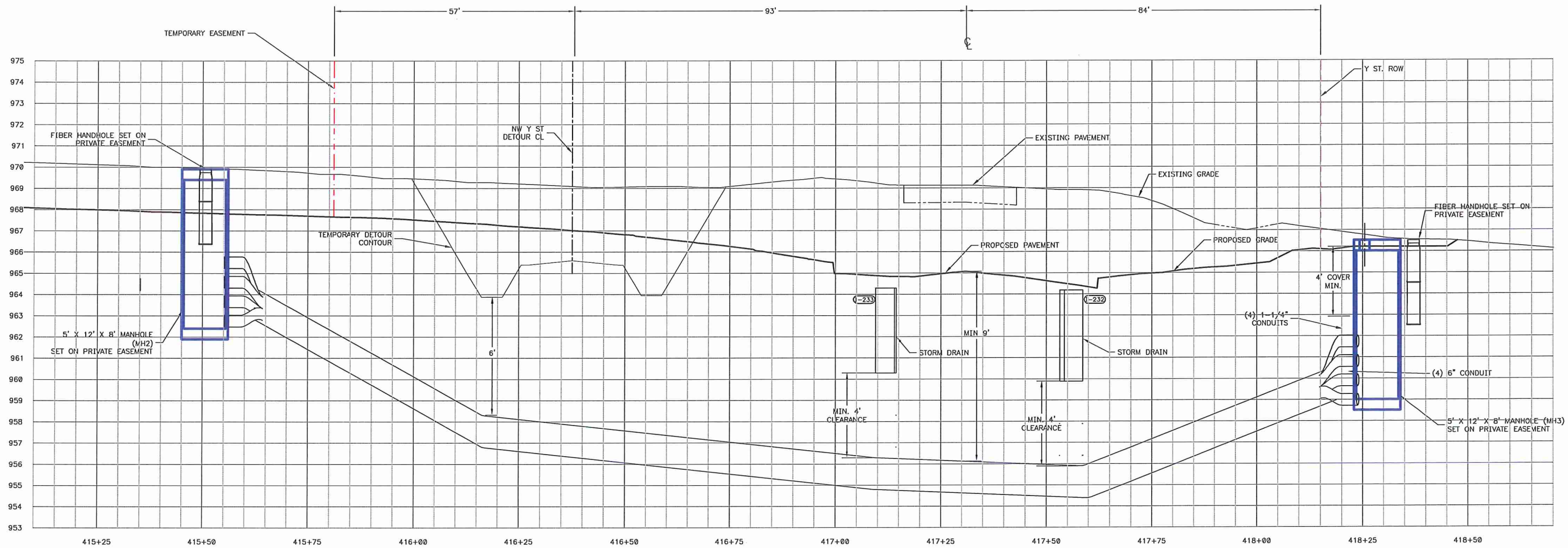
DATE DESIGNED	02-16-15
DRAWN	RWB
APPROVED	ARP
APPROVED	ARP

**INDIANOLA MUNICIPAL UTILITIES**

2015 W. Hwy 92 and Y Street Intersection Relocation Project  
DOT PERMIT DRAWING  
PLAN VIEW

SCALE:	AS NOTED	REV	B
		DWG NO	E8958-923





ELEVATION VIEW - DUCT BANK Y ST STA. 4418+40  
5:1 EXPANDED VERTICALLY

**PRELIMINARY  
NOT FOR CONSTRUCTION**

REV	DATE	DESC	DFTR	APP	DESCRIPTION
C	03-12-15	P&E	RWB	ARP	LOWERED CONDUITS
B	03-03-15	P&E	RWB	ARP	REVISED TO MATCH PLAN
A	02-16-15	P&E	RWB	ARP	ORIGINAL DESIGN

**P & E ENGINEERING CO.**  
POWER SYSTEM ANALYSIS AND DESIGN

245 S. 5th  
P.O. Box 620  
Carlisle, IA 50047

Office: 515-839-3033  
Fax: 515-839-3138  
pea@pea.com

**INDIANOLA MUNICIPAL UTILITIES**

**IMU**

Electric • Network Services • Water

DATE DESIGNED	02-16-15
DATE DRAWN	P&E
DATE APPROVED	RWB
DATE APPROVED	ARP
DATE APPROVED	ARP

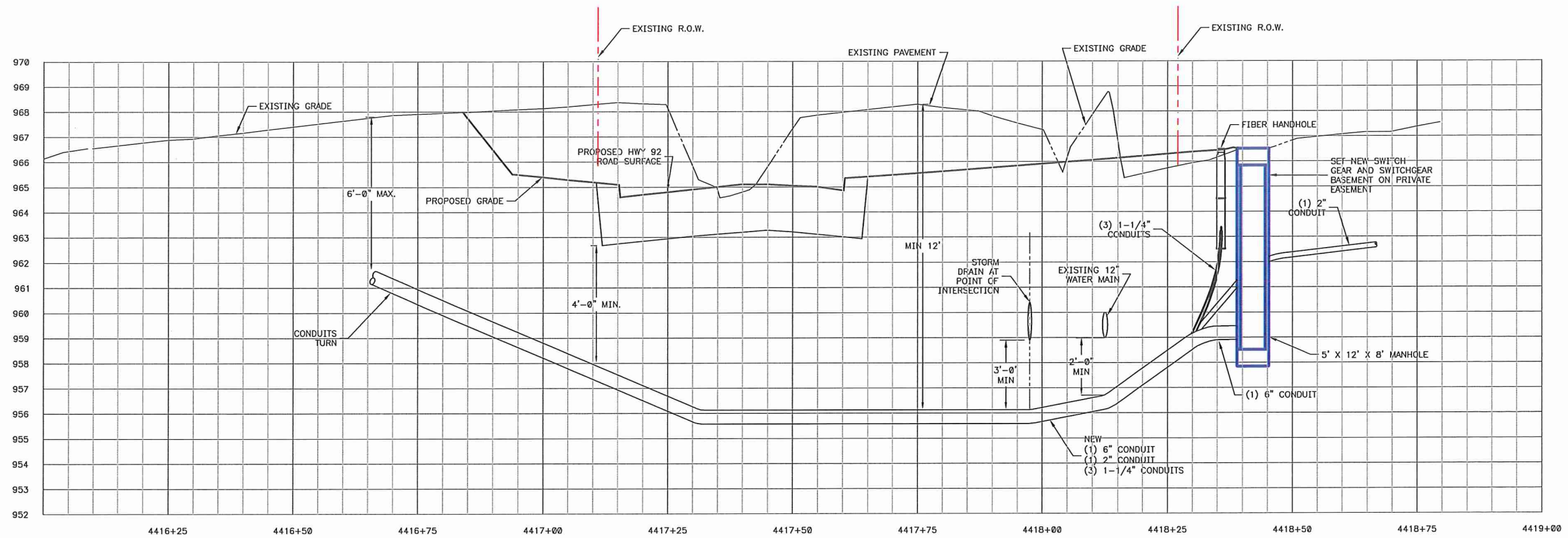
**INDIANOLA MUNICIPAL UTILITIES**

2015 W. Hwy 92 and Y Street Intersection Relocation Project

Y ST CROSSING  
PROFILE VIEW

SCALE:	AS NOTED
REV	C
DWG NO	E8958-935





ELEVATION VIEW -- DUCT BANK HWY 92 STA 418+17  
5:1 EXPANDED VERTICALLY

**PRELIMINARY  
NOT FOR CONSTRUCTION**

REV	DATE	DESIGNED	DFTR	APP	DESCRIPTION
C	03-12-15	P&E	RWB	ARP	LOWERED CONDUITS
B	03-03-15	P&E	RWB	ARP	REVISED TO MATCH PLAN
A	02-16-15	P&E	RWB	ARP	ORIGINAL DESIGN

**P & E ENGINEERING CO.**  
POWER SYSTEM ANALYSIS AND DESIGN  
245 S. 5th  
P.O. Box 620  
Carlisle, VA 50047  
Office: 515-989-3023  
FAX: 515-989-3133  
psenar@psenar.com

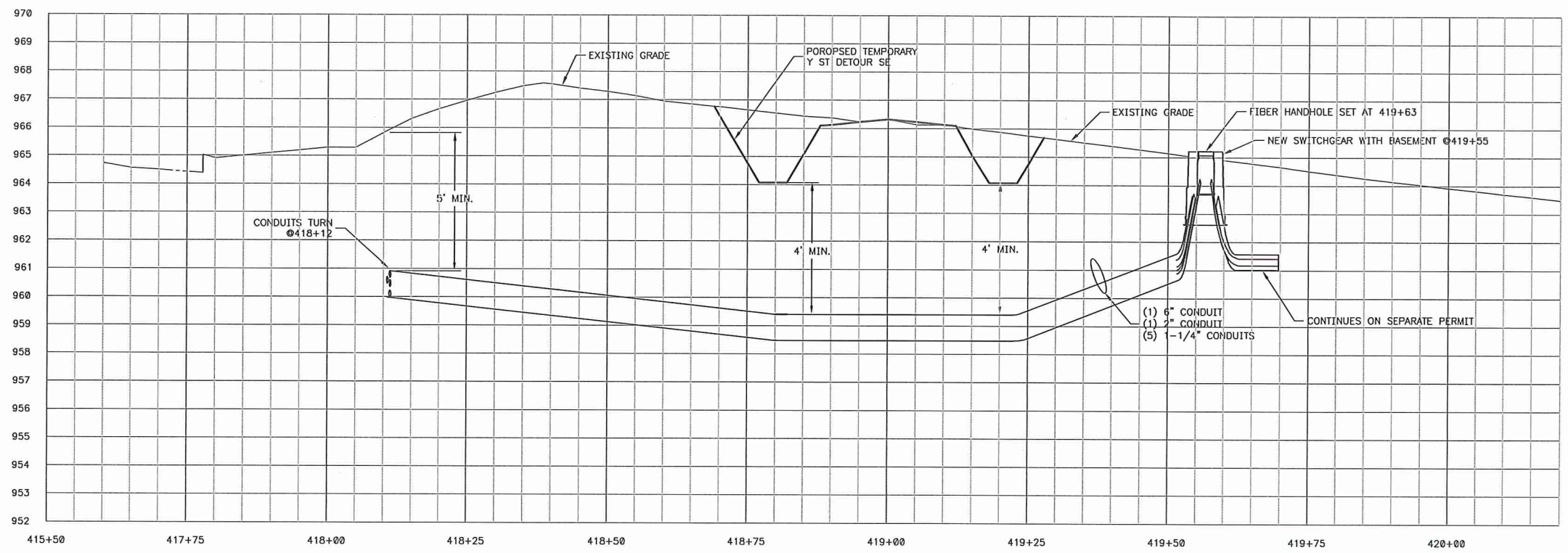
**INDIANOLA MUNICIPAL UTILITIES**  
**IMU**  
Electric • Network Services • Water

DATE 02-16-15  
DESIGNED P&E  
DRAWN RWB  
APPROVED ARP  
APPROVED ARP

**INDIANOLA MUNICIPAL UTILITIES**  
2015 W. Hwy 92 and Y Street Intersection Relocation Project  
HWY 92 CROSSING  
PROFILE VIEW

SCALE: AS NOTED  
REV C  
DWG NO E8958-936





ELEVATION VIEW - DUCT BANK  
5:1 EXPANDED VERTICALLY

**PRELIMINARY  
NOT FOR CONSTRUCTION**

REV	DATE	DESIG	DFTR	APP	DESCRIPTION
C	03-12-15	P&E	RWB	ARP	LOWERED CONDUIT
B	03-03-15	P&E	RWB	ARP	REVISED TO MATCH PLAN
A	02-16-15	P&E	RWB	ARP	ORIGINAL DESIGN

**P & E ENGINEERING CO.**  
POWER SYSTEM ANALYSIS AND DESIGN  
245 S. 5th  
P.O. Box 620  
Carlisle, IA 50047  
Office: 515-689-3003  
FAX: 515-689-3138  
peconor@peconor.com

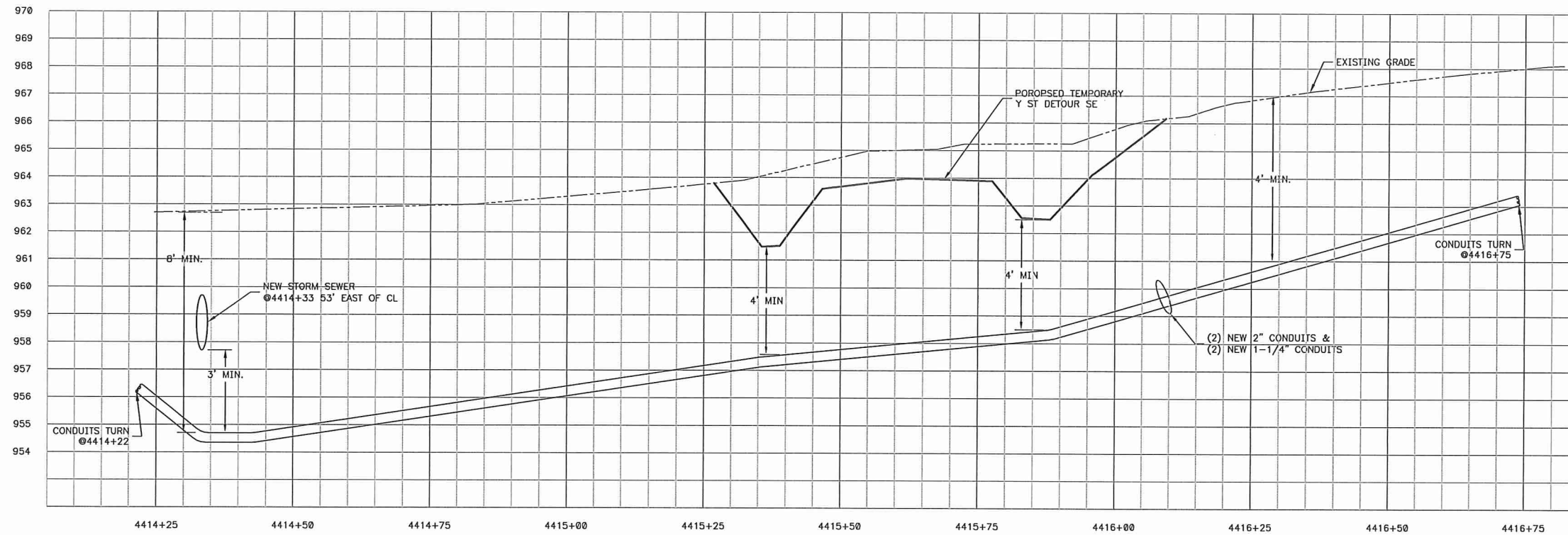


DATE	02-16-15
DESIGNED	P&E
DRAWN	RWB
APPROVED	ARP
APPROVED	ARP

**INDIANOLA MUNICIPAL UTILITIES**  
2015 W. Hwy 92 and Y Street Intersection Relocation Project  
LONGITUDINAL RUN TO HWY 92  
PROFILE VIEW

SCALE:	AS NOTED	REV	C
		DWG NO	E8958-937





ELEVATION VIEW - DUCT BANK

5:1 EXPANDED VERTICALLY

**PRELIMINARY  
NOT FOR CONSTRUCTION**

REV	DATE	DESIG	DFTR	APP	DESCRIPTION
C	03-12-15	P&E	RWB	ARP	LOWERED CONDUIT
B	03-03-15	P&E	RWB	ARP	REVISED TO MATCH PLAN
A	02-16-15	P&E	RWB	ARP	ORIGINAL DESIGN

**P & E ENGINEERING CO.**  
POWER SYSTEM ANALYSIS AND DESIGN  
245 S. 5th  
P.O. Box 620  
Carlisle, IA 50007  
Office: 515-669-3003  
Fax: 515-669-3138  
peasou@peasou.com



DATE 02-16-15  
DESIGNED P&E  
DRAWN RWB  
APPROVED ARP  
APPROVED ARP

**INDIANOLA MUNICIPAL UTILITIES**  
2015 W. Hwy 92 and Y Street Intersection Relocation Project  
LONGITUDINAL TO Y ST.  
PROFILE VIEW

SCALE: AS NOTED  
REV C  
DWG NO E8958-938