

EPS Application Prep Documents

UTILITIES & CONSULTANTS

**HELP US WITH
ELECTRONIC PERMIT
SUBMITTALS BY USING
THESE FORMS EACH
TIME YOU SUBMIT A
PERMIT!!!!!!**

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Title Page

Table of Contents

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Use the page that applies closest to your install

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5. Communications Tower application checklist

To be included for all permits

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If crossings are in your install proposal
7. Clear Zone compliances for above ground features
For any above ground features that could be a clear zone hazard.
8. Basic Traffic Control and City/County approvals
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We are starting to process permits through the system. Please add the following email to your contacts and supply it to your Internet IT team to assure that your permit information is not lost in your junk mail filters

Electronic.Permitting@iowadot.us

Utility Permit Request



* **What do you want to do within the DOT Right-of-Way(ROW)?** 

- New utility facility
- Upgrade an existing utility facility
- Utilities Work on Right of Way
- Repair an existing utility facility
- Maintain an existing utility facility
- Others
- Repair an existing utility facility, Emergency

* **This installation includes which of the following?**

- Segment(s) parallel to highway ('Longitudinal')
- Crossing(s) highway (over or under) ('Transverse')
- Both, Longitudinal and Transverse
- Single location (that does not cross over or under the highway)



Utility Information

* What type of Utility permit is this request? Telephone

Please check all that apply below

Utilization Type

Transmission Distribution Service Connections

Facility Location

Above Ground Under Ground Above and Under Ground

Underground Install Method

Open-Trench Trenchless Plow Other

Trenchless Method To Be Used

- Horizontal Directional Drilling (HDD)
 Pipe Jacking
 Pipe Ramming
 Micro-Tunneling
 Conventional Tunnelling
 Auger Boring
 Pilot Tube micro Tunneling
 Compaction Methods (Impact Molding)
 Water Jetting - (Not Allowed Under Roadway)

Will entry and exit pits be used?

Yes No

Entry Pit - (If more than 1 pit provide typical)

Reference post or station

Offset of closest edge of pit from edge of pavement or back of curb Feet (perpend road)

Exit Pit - (If more than 1 pit provide typical)

Reference post or station

Offset of closest edge of pit from edge of pavement or back of curb Feet (perpendicular road)

Enter Above Ground Information (check the options below)

Underbuild on other companies poles

Poles owned by this Utility Company

Enter the name of company(s) that own the poles

Installation Type

Encased in Conduit Direct Bury Encased in Conduit and Direct Bury

Transmission Medium

Fiber Copper Both Copper and Fiber

Number of Fibers

0-4 fibers 5-24 fibers 25-100 fibers 100+ fibers

Copper pairs

0-25 Pairs 26-100 Pairs 101-500 Pairs 501-2000 Pairs

The installation shall consist of (Please provide a general description):

The installation shall consist of :



Utility Information

* What type of Utility permit is this request? Cable TV

Please check all that apply below

Utilization Type

Transmission Distribution Service Connections

Facility Location

Above Ground Under Ground Above and Under Ground

Underground Install Method

Open-Trench Trenchless Plow Other

Trenchless Method To Be Used

- Horizontal Directional Drilling (HDD)
- Pipe Jacking
- Pipe Ramming
- Micro-Tunneling
- Conventional Tunnelling
- Auger Boring
- Pilot Tube micro Tunneling
- Compaction Methods (Impact Molding)
- Water Jetting - (Not Allowed Under Roadway)

Will entry and exit pits be used?

- Yes
- No

Entry Pit - (If more than 1 pit provide typical)

Reference post or station

Offset of closest edge of pit from edge of pavement or back of curb Feet (perpendi road)

Exit Pit - (If more than 1 pit provide typical)

Reference post or station

Offset of closest edge of pit from edge of pavement or back of curb Feet (perpendicular road)

Enter Above Ground Information (check the options below)

Underbuild on other companies poles

Poles owned by this Utility Company

Enter the name of company(s) that own the poles

Installation Type

Encased in Conduit Direct Bury Encased in Conduit and Direct Bury

Transmission Medium

Coaxial Cable Fiber Coaxial Cable and Fiber

Number of Fibers

0-4 fibers 5-24 fibers 25-100 fibers 100+ fibers

The installation shall consist of (Please provide a general description):

The installation shall consist of :



Utility Information

* What type of Utility permit is this request?

Please check all that apply below

Installation Type

New pole On existing structure

New Pole Information

Pole Height(in feet)

Pole Diameter at base(in inches)

Describe Structure attaching

The installation shall consist of (Please provide a general description):

The installation shall consist of :



Approximate Highway Crossing Location(s)

Steel
HDPE
PVC
Others

Point / Encasement	Encase Mat.	Encase Dia.		RefPost	Offset	Station
Encasement <input type="radio"/> Yes <input type="radio"/> No	Material <input type="text"/>	Diameter <input type="text"/>	IA 92	<input type="text"/>	<input type="text"/>	<input type="text"/>
Encasement <input type="radio"/> Yes <input type="radio"/> No	Material <input type="text"/>	Diameter <input type="text"/>	IA 92	<input type="text"/>	<input type="text"/>	<input type="text"/>
Encasement <input type="radio"/> Yes <input type="radio"/> No	Material <input type="text"/>	Diameter <input type="text"/>	IA 92	<input type="text"/>	<input type="text"/>	<input type="text"/>
Encasement <input type="radio"/> Yes <input type="radio"/> No	Material <input type="text"/>	Diameter <input type="text"/>	IA 92	<input type="text"/>	<input type="text"/>	<input type="text"/>
Encasement <input type="radio"/> Yes <input type="radio"/> No	Material <input type="text"/>	Diameter <input type="text"/>	IA 92	<input type="text"/>	<input type="text"/>	<input type="text"/>
Encasement <input type="radio"/> Yes <input type="radio"/> No	Material <input type="text"/>	Diameter <input type="text"/>	IA 92	<input type="text"/>	<input type="text"/>	<input type="text"/>
Encasement <input type="radio"/> Yes <input type="radio"/> No	Material <input type="text"/>	Diameter <input type="text"/>	IA 92	<input type="text"/>	<input type="text"/>	<input type="text"/>
Encasement <input type="radio"/> Yes <input type="radio"/> No	Material <input type="text"/>	Diameter <input type="text"/>	IA 92	<input type="text"/>	<input type="text"/>	<input type="text"/>
Encasement <input type="radio"/> Yes <input type="radio"/> No	Material <input type="text"/>	Diameter <input type="text"/>	IA 92	<input type="text"/>	<input type="text"/>	<input type="text"/>

Section / Township / Range

	Section	Township	Range
	18	T75N	R07W
	<input type="text"/>	<input type="text"/>	<input type="text"/>

	Section	Township	Range
	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>


What do you want to do within the DOT Right-of-way?:

New utility facility


 City Review Info

* Do you need City Review? Yes No 

 County Review Info

* Do you need County Review? Yes No 

 Traffic Control and Lane Restrictions

Will there be lane restrictions? Yes No 

Traffic Control Reference

	Traffic Control Standard	Description	Type
<input type="checkbox"/>	TC-1	WORK NOT AFFECTING TRAFFIC (TWO-LANE OR MULTI-LANE) NOTE: FIELD DESIGN OR SURVEY/LAYOUT WORK ONLY. NOT FOR CONSTRUCTION USE.	DURATION LESS THAN ONE HOUR
<input type="checkbox"/>	TC-202	SHOULDER CLOSURE (ONE LANE) NOTE: WORK IN ROW BUT NOT DIRECTLY AFFECTING TRAFFIC	2-LANE
<input type="checkbox"/>	TC-212	SPOT LOCATION LANE CLOSURE WITH FLAGGERS	2-LANE
<input type="checkbox"/>	TC-213	LANE CLOSURE WITH FLAGGERS	2-LANE
<input type="checkbox"/>	TC-214	LANE CLOSURE WITH FLAGGERS FOR USE WITH PILOT CAR	2-LANE
<input type="checkbox"/>	TC-228	LANE CLOSURE INVOLVING TWLTL	MULTI-LANE
<input type="checkbox"/>	TC-273	CONSTRUCTION SITE ENTRANCE	MULTI-LANE
<input type="checkbox"/>	TC-402	SHOULDER CLOSURE (MULTI-LANE) NOTE: WORK IN ROW BUT NOT DIRECTLY AFFECTING TRAFFIC	4-LANE
<input type="checkbox"/>	TC-418	LANE CLOSURE ON DIVIDED HIGHWAY	4-LANE
<input type="checkbox"/>	TC-419	LANE CLOSURE ON UNDIVIDED HIGHWAY	4-LANE
<input type="checkbox"/>	TC-601	PEDESTRIAN DETOUR	OTHERS
<input type="checkbox"/>	TC-602	SIDEWALK DIVERSION	OTHERS
<input type="checkbox"/>	TC-SPECIAL	SPECIALIZED TRAFFIC CONTROL PLAN NOT ADDRESSED IN STANDARDS OR FULL DETOUR	

- DURATION LESS THAN ONE HOUR - 2-LANE - 4-LANE - MULTI-LANE - OTHERS

Attachments Checklist

* Checkbox for each line in the checklist must be checked

	Completed	Not Applicable	Need More Information	Description
1 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Provide Iowa One Call design request information. (Minimally, the list of utilities)
2 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plans showing IADOT Highway Centerline, Highway Number, DOT Stationing and Milepost are required.
3 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Proper Traffic Control Standards(IADOT TCxxx Series Standard plans preferred) Available at - http://www.iowadot.gov/design/stdplne_tc.htm

Site Plan Checklist

	Completed	Not Applicable	Need More Information	Description
1 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Visible orientation (North Arrow) and identifying landmarks are required.
2 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Clearly identify Right Of Way(ROW) line with horizontal distance from highway centerline shown,including all breakpoints and changes in the ROW distances.
3 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	List all of the existing utilities in the installation area.Describe how your installation will address existing utilities that are in conflict, and show all observable existing features, such as power poles,pedestals,markers,handholes,trees,etc.
4 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show all Construction features/Bore Pits with the running line and horizontal distance from roadway edge or centerline. (showing Clear Zone compliance) http://www.iowadot.gov/traffic/pdfs/UtilityPolicy.pdf
5 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show the start/stop stationing and depths or elevations for all bores, longitudinal and transverse.
6 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show all facilities that are to be installed on the site plan.This includes pedestals,wire,poles,guy anchors,junction boxes,handholes and manholes. ALL MUST BE REFERENCED BY DOT Stationing and distance from centerline.
7 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show casing start/stop locations, lengths, diameter and material if casings are used.
8 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show where installation starts and stops, leaves ROW, stops at existing pedestal,pole etc.Use IADOT stationing and distance from centerline of the starts and stops.
9 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show the start/stop stationing and depths or elevations for all plowing locations.
10 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Deviations of installation from centerline shown by distance from centerline and station?
11 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Identify posts,pedestals or any physical focal points, including shutoffs, overflow valves, hydrants etc.
12 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Describe any other work to accomplish installation before,during or after installation,including:removal of brush/trees, removal of underbuild,construction of access,fence removal, etc.
13 ▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Identify unusual issues to be pointed out on the site plan.CLARITY IS THE KEY, we can't assume you will do it if it is not shown in the plan.



Standard Road Plans and Typical

2 Lane Roads

	Name	Description
<input type="checkbox"/>	TC-202	WORK WITHIN 15 FT OF TRAVELED WAY
<input type="checkbox"/>	TC-212	SPOT LOCATION LANE CLOSURE WITH FLAGGERS
<input type="checkbox"/>	TC-213	LANE CLOSURE WITH FLAGGERS
<input type="checkbox"/>	TC-214	LANE CLOSURE WITH FLAGGERS FOR USE WITH PILOT CAR
<input type="checkbox"/>	TC-215	LANE CLOSURE WITH SIGNALS (UP TO THREE DAYS)
<input type="checkbox"/>	TC-216	LANE CLOSURE WITH SIGNALS
<input type="checkbox"/>	TC-217	LANE CLOSURE WITH SIGNALS AND TBR
<input type="checkbox"/>	TC-218	LANE CLOSURE WITH PILOT CAR AND FLAGGER OPERATED SIGNALS
<input type="checkbox"/>	TC-228	LANE CLOSURE INVOLVING TWL TL
<input type="checkbox"/>	TC-251	TEMPORARY ROAD CLOSURE
<input type="checkbox"/>	TC-273	CONSTRUCTION SITE ENTRANCE

4 Lane Roads

	Name	Description
<input type="checkbox"/>	TC-402	WORK WITHIN 15 FT OF TRAVELED WAY
<input type="checkbox"/>	TC-416	PARTIAL LANE CLOSURE ON RAMPS
<input type="checkbox"/>	TC-418	LANE CLOSURE ON DIVIDED HIGHWAY
<input type="checkbox"/>	TC-419	LANE CLOSURE ON UNDIVIDED HIGHWAY
<input type="checkbox"/>	TC-422	CLOSURE OF TWO ADJACENT LANES ON DIVIDED HIGHWAY
<input type="checkbox"/>	TC-423	CLOSURE OF TWO ADJACENT LANES ON UNDIVIDED HIGHWAY
<input type="checkbox"/>	TC-429	CLOSURE OF CONTINUOUS TWO-WAY LEFT-TURN LANE AND ADJACENT LANE
<input type="checkbox"/>	TC-451	TEMPORARY ROAD CLOSURE ON DIVIDED HIGHWAY

Erosion Control

	Name	Description
<input type="checkbox"/>	EW-403	TEMPORARY EROSION CONTROL MEASURES
<input type="checkbox"/>	EC-502	SEEDING IN RURAL AREAS
<input type="checkbox"/>	EC-101	SPECIAL DITCH CONTROL
<input type="checkbox"/>	EC-201	SILT FENCE
<input type="checkbox"/>	EC-204	PERIMETER AND SLOPE SEDIMENT (3 Sheets)
<input type="checkbox"/>	EC-602	OPEN-THROAT CURB INTAKE

Patching

	Name	Description
<input type="checkbox"/>	PV-101	JOINTS (8 Sheets)
<input type="checkbox"/>	PR-102	FULL DEPTH PCC PATCH WITHOUT DOWELS
<input type="checkbox"/>	PR-103	FULL DEPTH PCC PATCH WITH DOWELS
<input type="checkbox"/>	PR-110	PCC CRACK AND JOINT CLEANING AND FILLING
<input type="checkbox"/>	7040.103	FULL DEPTH HMA PATCHES

Pedestrian Detour and Sidewalks

	Name	Description
<input type="checkbox"/>	TC-601	PEDESTRIAN DETOUR
<input type="checkbox"/>	7030.201	CLASSES OF SIDEWALKS
<input type="checkbox"/>	7030.202	CURB DETAILS FOR CLASS A SIDEWALK
<input type="checkbox"/>	7030.204	GENERAL FEATURES OF AN ACCESSIBLE SIDEWALK
<input type="checkbox"/>	7030.205	GENERAL SIDEWALK AND CURB RAMP DETAILS
<input type="checkbox"/>	7030.206	CURB RAMPS OUTSIDE OF INTERSECTION RADIUS
<input type="checkbox"/>	7030.207	CURB RAMP FOR CLASS B OR C SIDEWALK
<input type="checkbox"/>	7030.208	ALTERNATIVE CURB RAMP FOR CLASS B OR C SIDEWALK
<input type="checkbox"/>	7030.209	CURB RAMPS FOR CLASS A SIDEWALK
<input type="checkbox"/>	7030.210	DETECTABLE WARNING PLACEMENT

Other (Tracer Wire and Trench Backfill)

	Name	Description
<input type="checkbox"/>	WM-102	TRACER SYSTEM
<input type="checkbox"/>	SW-101	TRENCH BEDDING AND BACKFILL ZONES

Utility Typicals

	Exhibit	Description
<input type="checkbox"/>	Typical page E-9	TYPICAL HEIGHT/DEPTH URBAN
<input type="checkbox"/>	Typical page E-8	TYPICAL HEIGHT/DEPTH RURAL
<input type="checkbox"/>	Typical page E-4 To E-7	CLEAR ZONE REQUIREMENTS
<input type="checkbox"/>	Typical page E-10	TILE LINE REPAIR GUIDELINES