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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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

*** 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? Electric

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 Moling)

○ 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)

Highest Voltage

☐ 7.2 kV ☐ 12.5 kV ☐ 34.5 kV ☐ greater than 35kV

☐ Below 7.2kV

Phases

☐ Single Phase ☐ Two Phase ☐ Three Phase

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 Yes No	Material	Diameter	IA 92			
Encasement Yes No	Material	Diameter	IA 92			
Encasement Yes No	Material	Diameter	IA 92			
Encasement Yes No	Material	Diameter	IA 92			
Encasement Yes No	Material	Diameter	IA 92			
Encasement Yes No	Material	Diameter	IA 92			
Encasement Yes No	Material	Diameter	IA 92			
Encasement Yes No	Material	Diameter	IA 92			
Encasement Yes No	Material	Diameter	IA 92			

Section / Township / Range

	Section	Township	Range

	Section	Township	Range

Above Ground Obstructions - Clear Zones

Enter information or supply staking sheet with this information

pole, pedestal or other above ground feature identification number	RefPost	Offset	Station	Road Side	Distance from edge of road to near side of feature

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
☐	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
☐	TC-202	SHOULDER CLOSURE (ONE LANE) NOTE:WORK IN ROW BUT NOT DIRECTLY AFFECTING TRAFFIC	2-LANE
☐	TC-212	SPOT LOCATION LANE CLOSURE WITH FLAGGERS	2-LANE
☐	TC-213	LANE CLOSURE WITH FLAGGERS	2-LANE
☐	TC-214	LANE CLOSURE WITH FLAGGERS FOR USE WITH PILOT CAR	2-LANE
☐	TC-228	LANE CLOSURE INVOLVING TWLTL	MULTI-LANE
☐	TC-273	CONSTRUCTION SITE ENTRANCE	MULTI-LANE
☐	TC-402	SHOULDER CLOSURE (MULTI-LANE) NOTE:WORK IN ROW BUT NOT DIRECTLY AFFECTING TRAFFIC	4-LANE
☐	TC-418	LANE CLOSURE ON DIVIDED HIGHWAY	4-LANE
☐	TC-419	LANE CLOSURE ON UNDIVIDED HIGHWAY	4-LANE
☐	TC-601	PEDESTRIAN DETOUR	OTHERS
☐	TC-602	SIDEWALK DIVERSION	OTHERS
☐	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	☐	☐	☐	Provide Iowa One Call design request information. (Minimally, the list of utilities)
2	☐	☐	☐	Plans showing IADOT Highway Centerline, Highway Number, DOT Stationing and Milepost are required.
3	☐	☐	☐	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	☐	☐	☐	Visible orientation (North Arrow) and identifying landmarks are required.
2	☐	☐	☐	Clearly identify Right Of Way(ROW) line with horizontal distance from highway centerline shown,including all breakpoints and changes in the ROW distances.
3	☐	☐	☐	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	☐	☐	☐	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	☐	☐	☐	Show the start/stop stationing and depths or elevations for all bores, longitudinal and transverse.
6	☐	☐	☐	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	☐	☐	☐	Show casing start/stop locations, lengths, diameter and material if casings are used.
8	☐	☐	☐	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	☐	☐	☐	Show the start/stop stationing and depths or elevations for all plowing locations.
10	☐	☐	☐	Deviations of installation from centerline shown by distance from centerline and station?
11	☐	☐	☐	Identify posts,pedestals or any physical focal points, including shutoffs, overflow valves, hydrants etc.
12	☐	☐	☐	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	☐	☐	☐	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 Typicals

2 Lane Roads

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

4 Lane Roads

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

Erosion Control

	Name	Description
☐	EW-403	TEMPORARY EROSION CONTROL MEASURES
☐	EC-502	SEEDING IN RURAL AREAS
☐	EC-101	SPECIAL DITCH CONTROL
☐	EC-201	SILT FENCE
☐	EC-204	PERIMETER AND SLOPE SEDIMENT (3 Sheets)
☐	EC-602	OPEN-THROAT CURB INTAKE

Patching

	Name	Description
☐	PV-101	JOINTS (8 Sheets)
☐	PR-102	FULL DEPTH PCC PATCH WITHOUT DOWELS
☐	PR-103	FULL DEPTH PCC PATCH WITH DOWELS
☐	PR-110	PCC CRACK AND JOINT CLEANING AND FILLING
☐	7040.103	FULL DEPTH HMA PATCHES

Pedestrian Detour and Sidewalks

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

Other (Tracer Wire and Trench Backfill)

	Name	Description
☐	WM-102	TRACER SYSTEM
☐	SW-101	TRENCH BEDDING AND BACKFILL ZONES

Utility Typicals

	Exhibit	Description
☐	Typical page E-9	TYPICAL HEIGHT/DEPTH URBAN
☐	Typical page E-8	TYPICAL HEIGHT/DEPTH RURAL
☐	Typical page E-4 To E-7	CLEAR ZONE REQUIREMENTS
☐	Typical page E-10	TILE LINE REPAIR GUIDELINES