



Illinois Department of Transportation

Memorandum

To: Studies and Plans Squads PPM 10-11
From: Dennis L. Markwell By: Brian K. Trygg
Subject: Utility Coordination
Date: April 25, 2003

PLAN PREPARATION MEMORANDUM 10-11

BACKGROUND

This memorandum supercedes Plan Preparation Memorandums 77.102P, 99.141P, 91.238P, 2002.209P, 2002.209P Supplement 1; Design memo "review of Permit Applications" ; Special Provision Policy 76.28S (Revised); and supplements the BDE manual for uniformity in Utility Coordination.

The BDE Manual places certain responsibilities on the designer to request utility involvement, provide location plans, plot utilities on plans, identify utility conflicts, and work with the Utilities Coordinator in Project Support to resolve the conflicting areas.ⁱ Changes to Illinois Compiled Statutes, placed into effect January 1, 2002 require more stringent adherence to utility coordination as described in Chapter 6 of the BDE manual. BDE now requires placement of a Utility Checksheet in the section file with all PS&E documents. The Utility Checksheet provides documentation of utility coordination for each project and must be signed by the Project Support Engineer or Utility Coordinator.

PROCEDURE

Utility Coordination Requirements

Any Contract that requires work below the existing pavement structure or ground surface, including those where permanent posts will be driven into existing ground, shall be fully coordinated with utilities.ⁱⁱ . A Status of Utilities sheet is required in the final plans to advise the contractor on current utility status, and to contact JULIE and local facilities owners that are not members of the JULIE System.

Projects that do not extend below the pavement or ground surface will not require utility locations unless appurtenances to utilities require adjustment during paving operations. A Status of Utilities sheet is required advising the contractor to contact JULIE and local facilities owners that are not members of the JULIE System.

Complex Projects

The Studies and Plans Project Engineers shall review and request Project Support to coordinate the use of Subsurface Utility Engineering (SUE) on major projects with congested utilities expected. Typically, this will be used on Major Urban Rehabilitation projects.

Use of 11x17 Plans for Utility Coordination

The BDE manual requires four (4) submittals of plans to each utility for coordination. Each plan submittal shall provide the utility with plan information in a scalable or otherwise usable format. Providing scalable preliminary, pre-final, and final plans in an 11x17 format is desired to allow use of standard printers and copiers.

CADD generated cross sections require a grid base sheet for plotting. The grid provides a reference such that cross sections do not need to meet a scale. Providing cross sections as a fit-to-paper plot in an 11x17 format is desired to allow use of standard printers and copiers.

- *In-House Designs*

Plan sheets submitted for coordination with Railroads, Utilities, and Local Agencies require processing through the CADD unit provide the "official" record files. When plans are complete for preliminary, prefinal, or final utility coordination, the Studies & Plans Squad will request plotting by District CADD. District CADD will provide one set of requested 11x17 sheets per submittal to the Studies & Plans Squad for use in making copies for utility coordination.

- *Consultant Designs*

When plans are complete for preliminary, prefinal, or final utility coordination, the Consultant shall provide the needed copies of scalable 11x17 plans for utility coordination. Each consultant shall be responsible for the steps to setup the printers used to plot scalable 11X17 plans.

Process for Utility Coordination

Utility Coordination shall follow BDE Manual Chapter 6. Although most projects will not allow 10-12 months between pre-final plans and PS&E, the effort to coordinate with utilities is needed to provide the maximum time to ensure construction delays are minimized. A summary of the submittals follows and provides supplement to Chapter 6 BDE.

Topographic Plans

Once the survey information is collected and processed, the Studies & Plans Squad shall prepare Topographic Plans in accordance with the BDE manual and provide the necessary copies for submittal to utilities. Topographic plans shall be full sized plan sheets or roll plots trimmed to 24x36, and include:

- A location Map showing the overall project limits, including named references to side streets or roads.
- Plan sized sheets containing complete topography from the survey; a stationed baseline or centerline; named references to the route and side streets; existing right-of-way; Land section information; preferably to the nearest ¼ section; a north arrow; right-of-way limits; scale.

Upon receipt of topographic plans, the utility coordinator shall spot check the plans and submit two (2) sets to each utility company for marking or confirming the horizontal location of their facilities on the plans. Project Support will request a depth of each facility to locate the vertical elevation on cross sections. The Studies and Plans Squad shall obtain and supply a listing of utility permit numbers (i.e. a copy of the permit index with the utilities in the pertinent construction sections highlighted) to the utility coordinator to confirm utility companies are addressed.

After Project Support returns marked up topographic plans, or other best information on utility locations, the Studies & Plans Squad shall incorporate the work into their plans. State –owned utilities are required to be shown on the plans. The Studies & Plans squad is responsible to research as-built plans and plot the facility location information (Quality Level C) on the plans. If SUE is used on the project, Project Support will coordinate with CADD to ensure quality level B horizontal locations are incorporated onto the plans. As soon as the Utilities are incorporated, the Studies & Plans Squad shall confirm with the Utilities coordinator of any need to a utility coordination meeting.

Preliminary Plans

The Studies & Plans Squad shall prepare and submit necessary copies of preliminary plans, as well as a listing of potential conflicts to Project Support. The Utilities Coordinator submits the preliminary plans to the utilities.ⁱⁱⁱ These plans should follow the scalable 11x17 format.

Potential conflicts include:

- Pipe culvert or storm sewer installation
- Areas where existing cover is reduced
- A location where pile driving occurs
- A location with sheet piling
- Removal of unsuitable material sites
- Large fill areas where settlement is expected
- Proposed run-around detours or other detours

Preliminary plans shall include:

- Cover Sheet showing a location map
- Plan sheets, based upon the topographic plan sheets that include existing utility locations; all proposed improvements; proposed right-of-way and easement lines; and known environmental issues
- Preliminary cross section sheets that show existing utility locations based upon facility supplied information (if available); proposed improvements; areas of earthwork; and drainage improvements.
- An existing and proposed ground profile at stream crossings or crossroad drainage location, and at all sideroad approaches . This Profile shall be taken along the right-of-way line, or along the approximate utility location if it is more than a few feet from right-of-way, to address potential utility conflicts involving grading at the stream crossing/crossroad drainage locations or around radius returns. Survey crews will need to be advised to collect this profile information.

The Project Support Unit shall submit two (2) copies of the preliminary plans to each facility to coordinate potential conflict resolution or prepare utility adjustment agreements.

Pre-Final Plans

The Studies & Plans Squad shall prepare and submit necessary copies of pre-final plans, as well as a listing of potential conflicts that could not be resolved to Project Support. These plans should be in the scalable 11x17 format. The Utilities Coordinator submits the pre-final plans, via certified mail, to the utilities.

Final Plans and PS&E

The Studies and Plans Squad shall request a final Status of Utilities sheet immediately before PS&E. Project Support shall provide a Status of Utilities sheet for the Special Provisions. Upon completion of final plans ready for PS&E, the Studies & Plans Squad shall provide copies for final submittal to utilities. These plans should be in the scalable 11x17 format. The Project Support Unit shall submit one copy, via certified mail, to all utilities.^{iv}

As soon as the Utilities Coordinator receives confirmation the certified final plans are received by all utilities, he will provide a copy of the utility checksheet to the Studies and Plans Squad for submittal with the PS&E.

If the utility's adjustment plan is available before the roadway plans are complete, the proposed utility location should be transferred to the final plans. Existing facilities requiring utility adjustment should be labeled "to be removed by others" or "to be abandoned in place".

Utility Coordination for Appurtenance adjustments

Water valves, manhole frames, and other appurtenances may require adjustment, which is the responsibility of the Local Agency or utility. Although the adjustment is not State responsibility, the District has determined adjustment of these facilities by contract at State expense is prudent, since it reduces possible delay and coordination costs. The Studies and Plans squads shall provide a listing of appurtenances requiring adjustment to Project Support. Project Support shall prepare and submit Informational letters reminding all Facility owners the adjustment is their responsibility, and inform them the State chooses to complete the adjustment at this time to reduce overall project costs.

JULIE Names on plans

Article 105.07 of the Standard Specifications requires the names of known utilities located within the project limits indicated on the plans.

Article 107.31 states Plan General Notes will indicate which facility owners are members of JULIE.

JULIE facilities shall be denoted on the plans with an Asterisk (*).

JULIE membership changes frequently. The Utilities Coordinator in Project Support has access to updated listings of JULIE members through the Internet. Please contact the Utilities Coordinator to determine JULIE Membership.

Review of Utility Permits

Utility Permit Applications for proposed construction projects on all District Multi-year work program projects will be submitted by Operations-Permits to Project Support for review by Program Development. Project Support will promptly coordinate review within Program Development all projects already initiated on the District Multi-year program.

Project Support shall coordinate review by the Studies & Plans Squad or Project Engineer. The review will consist of evaluating if proposed permit construction involves objectionable features or will conflict with the District's proposed improvement in any reasonably identifiable manner (drainage, geometrics, right-of-way, construction methods, operations, safety, etc.).

If the Program Development review discloses conflicts with proposed design, Project Support will advise Operation-Permits with the appropriate comments.

If the Program Development review discloses no conflict with proposed design, Project Support will advise Operation-Permits in writing of Program Development's concurrence with the propose utility plans.

After Operations-Permits completes processing a Utility Permit Application, they shall provide necessary copies of the approved permit to Project Support. Project Support shall forward a copy of the permit to Studies & Plans for reference and updates to plans. This copy shall be delivered to the Resident Engineer by the Studies & Plans Squad after incorporating updates into the plans.

General Plan Notes

District General Notes 105.07, 105.07B, 107.31, and 107.31A were developed to address specific concerns relevant to Article 105.07 and Article 107.31 and should be utilized accordingly in final plan documents.

BKT:cw

Attach: Sample District 5 Coordination letters
Sample Utility Checksheet
Documentation regarding scalable Plan and Plan-Profile Sheet Setup
Sample Status of Utilities Sheet

i	BDE Manual	4-2.15
ii	BDE Manual	6-3.01
iii	BDE Manual	6-3.02(c)
iv	BDE Manual	6-3.02(e)

Date _____

PROGRAM DEVELOPMENT – UTILITY LOCATIONS – LOCATION PLANS

Route:

Section:

County:

Contract No.:

Dear _____:

Enclosed are location plans for the subject improvement. This project is being studied for a tentatively safety improvement project with a tentative schedule for construction (DATE).

This improvement will consist of (Detailed Description).

In order for us to complete our construction plans, it will be necessary for us to know the location of all utilities on or along our right-of-way as well as possible utility conflicts. Please forward any easements that may affect relocation cost.

We are enclosing two (2) sets of plans, one of which is for your files. On the second set of plans, please confirm the location of your facilities (if shown) and draw on the plans any facilities not shown.

In accordance with Title 92, Chapter 1, subchapter f, Part 530 of the Illinois Administrative Code, referring to all of utilities on State ROW, accurate horizontal and vertical locations as well as sizes and type, i.e. fiber or copper communications, of facilities are required. Measurements are needed from shown reference points, such as, edge-of-pavement, back-of-curb, or the centerline of the road. You will be asked to review and certify your locations on preliminary plans, which will be submitted to you at a later date.

Please return the marked set to us by (DATE). Small markups can be faxed to the District Project Support Staff at 217-465-3101 or e-mail Mr. Dan Magee at mageda@nt.dot.state.il.us. Please notify us if you do not have any facilities in the area. Please provide the contract number with your markups.

Please direct all questions and correspondence to Project Support. The District Project Support Engineer, Mr. Brian Trygg P.E. at 217-466-7319 or the Utilities Coordinator, Mr. Dan Magee at 217-466-7318 will be available to answer your questions.

Sincerely,

D. Clark
District Engineer

By _____
Dennis L. Markwell
Engineer of Program Development

DAM:cw

Utilities Contacted:

(Please contact Project Support immediately if you notice a utility is not listed)

Attach.

Date _____

PROGRAM DEVELOPMENT – UTILITY LOCATIONS – PRELIMINARY PLANS

Route:
Section:
County:
Contract No.:

Dear _____:

Enclosed are preliminary plans for the subject improvement. This project is tentatively schedule for the (LETTING DATE) letting.

This improvement will consist of (Detailed Description).

In order for us to complete our construction plans, it will be necessary for us to know the location of all utilities on or along our right-of-way as well as possible utility conflicts. Utility locations that were from our request for location plans dated (location plans sent date), are plotted on these plans.

We are enclosing two sets of plans, one of which is for your files. On the second set of plans, please confirm the location of your facilities (if shown) and/or draw on the plans any facilities not shown.

In accordance with Article 530.40c of the accommodations of Utilities manual, accurate horizontal and vertical locations as well as sizes and type, i.e. fiber or copper communications, of facilities are required. Measurements from the edge-of-pavement, back-of-curb, or the centerline of the road are needed.

Please return the marked set to use by (DATE). Small markups can be faxed to me at 217-465-3101 or e-mail Mr. Dan Magee at mageeda@nt.dot.state.il.us. Please notify us if you do not have any facilities in the area. Please provide the contract number with your markups. We will include your locations on our detailed plans and provide you with such plans when they are available.

A copy of this letter certifying your facilities are shown with accurate horizontal and vertical locations is to be returned with our plans. If we do not receive the certification and/or corrected locations, your facility locations will be assumed correct in accordance to Article 220 ILCS 50/2.7 of the Illinois Compiled Statutes (Illinois Underground Damage Prevention Act)

Please direct all questions and correspondence to Project Support. The District Project Support Engineer, Mr. Brian Trygg PE, at 217-466-7319 or the Utilities Coordinator, Mr. Dan Magee at 217-466-7318 will be available to answer your questions.

Sincerely,

D. Clark
District Engineer

By _____
Dennis L. Markwell
Engineer of Program Development

Utilities Contacted:

(Please contact Project Support immediately if you notice a utility is not listed)

DAM:cw

Attach.

Date _____

PROGRAM DEVELOPMENT – UTILITY LOCATIONS – PRE-FINAL PLANS

Route:

Section:

County:

Contract No.:

Dear _____:

Enclosed is one set of pre-final plans and cross sections for the subject improvement. This project is tentatively scheduled for the (LETTING DATE) letting. These plans should permit you to determine the extent of adjustments to your facilities.

Please review these plans as to the location of your utility facilities. Please notify the District Project Support Unit should you find any error or omissions to your services. The Project Support Unit will deliver corrections to our construction personnel.

We request you proceed with the preparation of plans for the necessary adjustments at the earliest possible time. The State finds your facilities are in conflict at the following locations: (descriptions). Please review all locations pertaining to your facilities. We may have overlooked other potential conflicts.

Failure to comply with this notification could result in damage to your facilities and delays during the construction of this project.

Please direct all questions and correspondence to Project Support. The District Project Support Engineer, Mr. Brian Trygg PE, at 217-466-7319 or the Utilities Coordinator, Mr. Dan Magee at 217-466-7318 will be available to answer your questions.

Sincerely,

D. Clark
District Engineer

By _____
Dennis L. Markwell
Engineer of Program Development

Utilities Contacted:

DAM:cw

Attach.

Date _____

PROGRAM DEVELOPMENT – UTILITY LOCATIONS – FINAL PLANS

Route:

Section:

County:

Contract No.:

Dear _____:

Enclosed is one set of final detail plans and cross sections for the subject improvement. This project is tentatively scheduled for the (LETTING DATE) letting.

Please review these plans as to the location of your utility facilities. Please notify the District Project Support Unit should you find any error or omissions to your services. the Project Support Unit will deliver corrections to our construction personnel.

Utility owned water valves, manhole frames, and other appurtenances located within pavement may require vertical adjustment. The State has determined the vertical adjustment of facilities within pavement by contract at State expense is prudent, since it reduces possible delay and coordination costs. This will not relieve the Utility of its responsibility and obligation to maintain its facility.

Please proceed, if you have not already requested a permit, in obtaining a permit to adjust and/or relocate any of your conflicting facilities. Mr. Curt Buescher of this office will assist you in obtaining the permit. Failure to comply with this notification could result in damage to your facilities and delays during the construction of this project.

This notice requires your response to relocate conflicting utilities. If we do not receive your permit request within 15 days, your conflicting facilities must be approved and all your facilities relocated within 90 days upon receipt of this letter as per Chapter 605, Article 5, Section 9-113 of the Illinois Compiled Statutes.

Should you have any questions regarding this improvement, please contact the District Project Support Engineer, Mr. Brian Trygg PE at 217-466-7319 or the Utilities Coordinator, Mr. Dan Magee at 217-466-7318.

Sincerely,

D. Clark
District Engineer

By _____
Dennis L. Markwell
Engineer of Program Development

DAM:cw

Attach.

District 5 Program Development Utility Check Sheet

Submitted By: _____

Project Support Engineer
04/28/2003

Route	FAP 332
Section	47VBR
County	VERMILION
Description	.3 Miles North of FAI-74 NE of Tilton (FULL FEDERAL OVERSIG
Job No	C-95-020-94
Contract	90641

Project Engineer	NEIHART
Squad Leader	CONSULTANT

Utility Type	Company	Contact Person	Location or Topo Plans	CADD	Utility Coord Mting	Preliminary Utility Plans	Utility Coord Mting	Pre Final Utility Plans	Utility Coord Mting	Final Plans	Permit	Utility Coord Mting	Final Relocation Notice	Precon
Agr Req'd	Agreement No		Sent	Plotted	Required	Sent:	Required	Sent	Required	Sent	Received	Notified	Sent	Sent
			Received		Date	Received	Date	Received	Date	Certified	Reviewed	Date	Certified	
CABLE	Insight Communications	Danville	5/1/1998			3/12/2002		07/03/2002	NO	10/25/2002	11/11/1111		11/11/1111	11/11/1111
N/A			11/11/1111			3/29/2002		08/06/2002		10/28/2002				
ELECT & GAS	IP, Dist. Champaign	Champaign Distrib	5/1/1998		No	3/12/2002	NO	07/03/2002	NO	10/25/2002	11/11/1111		11/11/1111	11/11/1111
			11/11/1111			4/26/2002		08/08/2002		10/28/2002				
ELECTRIC	IP, Elect Trans ST	Mr. Frank Ferracane	5/1/1998	11/11/1111		3/12/2002		07/03/2002	YES	10/25/2002	12/02/2002		11/11/1111	11/11/1111
			11/11/1111			4/26/2002		08/08/2002		10/28/2002	12/10/2002			
SANITARY	Danville District 118 Schools	Steve Schultz	11/11/1111		No	11/11/1111	NO	07/03/2002	NO	10/25/2002	11/11/1111		11/11/1111	11/11/1111
N/A			11/11/1111			11/11/1111		08/12/2002		10/28/2002				
SANITARY	Danville Sanitary District	Phillip Morgan	11/11/1111		No	3/11/2002	NO	07/03/2002	YES	10/25/2002	11/11/1111		11/11/1111	11/11/1111
			11/11/1111			4/3/2002		07/23/2002		10/28/2002			10/28/2002	
SANITARY	Tilton, Village of		5/1/1998		No	3/12/2002	NO	11/11/1111	N/A	11/11/1111	11/11/1111		11/11/1111	11/11/1111
N/A			11/11/1111			6/10/2002								

Notes All utilities located on job must receive each plan submittal shown here.

Topographic plans -cover sheet and plan sheets showing existing conditions and existing row.

Preliminary plans - Cover Sheet showing a location map, Plan sheets, based upon the topographic plan sheets that include existing utility locations; all proposed improvements; proposed right-of-way and easement lines; and known environmental issues. Preliminary cross section sheets that show existing utility locations based upon facility supplied information (if available); proposed improvements; areas of earthwork; and drainage improvements. k. A letter to utilities identifying anticipated conflicts must accompany plans.

Prefinal plans - Cover Sheet showing a location map, Completed Plan sheets, based upon the preliminary plan sheets that include existing utility locations; all proposed improvements; proposed right-of-way and easement lines; and known environmental issues, Completed cross section sheets that show existing utility locations based upon facility supplied information (if available); proposed improvements; areas of earthwork; and drainage improvements.

Final plans -100% complete and ready for PSE submittal. These plans must be sent certified mail or other method, which supplies signed receipt of delivery.

Plan changes -all utilities located on job must be notified of any changes to the final plans.

A copy of the partially completed checklist must accompany the PSE submittal (the mandatory utility coordination meeting date and the preconstruction conference invitations may be omitted). However, a fully completed checklist shall be kept on file by the district until completion of the job.

Letter to Utility (need to relocate) - to be sent to utilities by certified mail and shall be sent upon completion of final plans, issuance of permits and acquisition of any new row in area of utility relocation. 90 day time period starts here.

District 5 Program Development Utility Check Sheet

Submitted By: _____

Project Support Engineer
04/28/2003

Route	FAP 332
Section	47VBR
County	VERMILION
Description	.3 Miles North of FAI-74 NE of Tilton (FULL FEDERAL OVERSIG
Job No	C-95-020-94
Contract	90641

Project Engineer	NEIHART
Squad Leader	CONSULTANT

Utility Type	Company	Contact Person	Location or Topo Plans	CADD	Utility Coord Mting	Preliminary Utility Plans	Utility Coord Mting	Pre Final Utility Plans	Utility Coord Mting	Final Plans	Permit	Utility Coord Mting	Final Relocation Notice	Precon
Agr Req'd	Agreement No		Sent	Plotted	Required	Sent:	Required	Sent	Required	Sent	Received	Notified	Sent	Sent
			Received		Date	Received	Date	Received	Date	Certified	Reviewed	Date	Certified	
SANITARY	Danville, City of	Cameron Alden	5/1/1998	11/11/1111	No	3/12/2002	NO	07/03/2002	YES	10/25/2002	11/11/1111		11/11/1111	11/11/1111
			11/11/1111			6/4/2002		07/23/2002		10/28/2002			10/28/2002	
TELEPHONE	SBC Ameritech	Danville	5/1/1998			3/12/2002	NO	07/03/2002	YES	10/25/2002	10/28/2002		11/11/1111	11/11/1111
			11/11/1111			4/26/2002		07/23/2002		10/28/2002	10/28/2002			
WATER	Consumers Illinois Water Co.	Craig Cummings	5/1/1998			3/12/2002	YES	07/03/2002	YES	10/25/2002	10/28/2002		11/11/1111	11/11/1111
REQUIRED	502005		11/11/1111			5/3/2002	05/03/2002	07/23/2002	07/23/2002	10/28/2002	10/28/2002			

Notes All utilities located on job must receive each plan submittal shown here.

Topographic plans -cover sheet and plan sheets showing existing conditions and existing row.

Preliminary plans - Cover Sheet showing a location map, Plan sheets, based upon the topographic plan sheets that include existing utility locations; all proposed improvements; proposed right-of-way and easement lines; and known environmental issues. Preliminary cross section sheets that show existing utility locations based upon facility supplied information (if available); proposed improvements; areas of earthwork; and drainage improvements. k. A letter to utilities identifying anticipated conflicts must accompany plans.

Prefinal plans - Cover Sheet showing a location map, Completed Plan sheets, based upon the preliminary plan sheets that include existing utility locations; all proposed improvements; proposed right-of-way and easement lines; and known environmental issues, Completed cross section sheets that show existing utility locations based upon facility supplied information (if available); proposed improvements; areas of earthwork; and drainage improvements.

Final plans -100% complete and ready for PSE submittal. These plans must be sent certified mail or other method, which supplies signed receipt of delivery.

Plan changes -all utilities located on job must be notified of any changes to the final plans.

A copy of the partially completed checklist must accompany the PSE submittal (the mandatory utility coordination meeting date and the preconstruction conference invitations may be omitted). However, a fully completed checklist shall be kept on file by the district until completion of the job.

Letter to Utility (need to relocate) - to be sent to utilities by certified mail and shall be sent upon completion of final plans, issuance of permits and acquisition of any new row in area of utility relocation. 90 day time period starts here.

Documentation regarding scalable Plan and Plan-Profile Sheet Setup

The District CADD Unit has established a border to plot 11 x 17 scalable sheets. This border is attached at the right hand inside border of the plan sheets. The plot date and plot directory is included within the border to ensure this information is available. A default pen table must be used for date and plot directory. After attaching an 11 x 17 border to each plan sheet, plots of all plan sheet information within the border are submitted to a standard printer or copier in a batch plot utility for processing.

Printer setup is required to correlate CADD information to the individual printer. This is needed to address line weights and styles. Microstation plotting is required in order to select the correct plot driver (11 x 17 plot). Microstation batch plotting is used when multiple sheets are plotted.

The printer being used for the batch plotting must be set as the default printer before invoking the batch plot application. Failure to do so results in prints plotted on 8.5 x 11 sheets instead of 11 x 17.

STATUS OF UTILITIES TO BE ADJUSTED

The following utilities are involved in this project. The utility companies have provided the estimated dates.

<u>Name & Address of Utility</u>	<u>Type & Location</u>	<u>Estimated Date Relocation Completed</u>
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The above represents the best information of the Department and is only included for the convenience of the bidder. The applicable provisions of Sections 102, 103, and Articles 105.07, 107.20, 107.31, and 108.02 of the Standard Specifications for Road and Bridge Construction shall apply.

The estimated utility relocation dates should be part of the progress schedule submitted by the contractor. If any utility adjustments or relocations have not been completed by the above dates specified and when required by the contractor's operations after these dates, the contractor should notify the Engineer in writing. A request for an extension of time will be considered to the extent the Contractor's critical path schedule is affected.

Status page 1 of 1

Toll Free J.U.L.I.E. Telephone Number (800) 892-0123

* = J.U.L.I.E. Member

i	BDE Manual 4-2.15
ii	BDE Manual 6-3.01
iii	BDE Manual 6-3.02(c)
iv	BDE Manual 6-3.02(e)