



INDIANA
TRANSPORTATION TEAM

**Greenfield District ITT
Spring Meeting
-Utilities-**

Greenfield District ITT Steering Committee

INTRODUCTIONS

Jazmin Ramirez Project Manager Rieth-Riley

Mike Shelley Project Manager E&B Paving

Ben Carnahan Indiana Transportation Lead AECOM

Vladimir Sejaan Transportation Dept Mgr Terracon

Kurt Courtney Office Area Engineer INDOT

Darryl Wineinger Technical Services Director INDOT



SPONSORS



Opening Remarks

Roland L. Fegan, Jr., P.E.

INDOT Deputy Commissioner, Construction
INDOT Statewide Committee for ITT, Co-Chair



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ITT - Back to the Basics

Kurt Courtney, P.E.

**INDOT Greenfield District Construction,
Office Area Engineer**



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ITT

- Why are we here? Partnering, Networking
- Thank you!
- Agendas



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ITT Pre-Construction Agenda



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue PHONE: (855) 463-6848 Mike Braun, Governor
 Room N758 Kent Abernathy, Commissioner
 Indianapolis, Indiana 46204



Pre-Construction Conference
 Contract
 Contract Description
 Date - Time
 Location

Item No.	Topic
1 - Welcome	
1.1	Contract - Location <ul style="list-style-type: none"> Project Description – Describe Bundled projects here
1.2	Contract Awarded to: Contractor <ul style="list-style-type: none"> Contract Amount
1.3	Contract Dates <ul style="list-style-type: none"> Letting Date – Notice to Proceed – Road Closure Time (if applicable) – Intermediate Completion Date (if applicable) – Calendar Completion Date –
2 – Introductions/Sign in Sheet	
2.1	<ul style="list-style-type: none"> Introductions of meeting attendees – Name, Company, Job Title Sign in Sheet – Name, Company, Email, Phone
2.2	Contract Introduction <ul style="list-style-type: none"> INDOT Project Manager – PM will do general project overview related to things like reason behind the project occurring, any issues that arose during the design phase, property owner concerns, etc.
3 - Utilities	
3.1	General Utility Information <ul style="list-style-type: none"> Remind everyone that relocation plans should be on the letting website Ascertain schedule and needed progress meetings if they haven't already relocated Request as-built plans for any utility that has relocated If there are utilities that have not relocated that might cause a problem with the Contractor's schedule, discuss setting up another meeting ASAP to formulate a contingency plan Obtain contact information for chain of command and for emergency situations Utilities are required to follow Buy America Certifications on all Federal Aid contracts, which should be submitted to the utility coordinator (PM should know who this is)

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ITT Pre-Construction Agenda

- In the Greenfield District, Area Engineers handle pre-construction conference.
- We ask for schedules at Pre-Construction Conferences.
- I try to prepare and give agendas to people involved. I try to print out agendas for room.
- Agenda is available on ITT website. Google Indiana Transportation Team. Go to website and view resources/deliverables.
- Pre-Construction Agenda is available under print resources.



ITT Progress Meeting Agenda



Progress Meeting Agenda

Utilize the Progress Meeting Agenda as a template for maintaining consistent discussion for progress meetings.

1. Progress meeting welcome
2. Record: Approval of previous meeting minutes, Contract, Location, Date, Time, and the Person keeping the minutes of the meeting (Set requirements for when minutes are to be done by, and reviewed by all attendees)
3. Attendees:

Name	Company	Present	Name	Company	Present
		X			

4. Safety
 - Toolbox talk or safety moment
 - Contract safety concerns
 - Motorist safety concerns (Discuss any accidents that have occurred prior to the meeting (vehicular or worksite personnel) and what could be added or changed to prevent future accidents. Have an open discussion on potential MOT additions that could further enhance the safety of the work zone)
 - Pedestrian safety concerns
 - Property owner safety concerns
 - Public information
 - Emergency services (first responder coordination)
5. Maintenance of Traffic (MOT) and Work Zones
 - Traffic control and its correctness for current work process, including pedestrian MOT (discuss the following: Traffic Management Plan (TMP) compliance and/or updates, MOT for utility relocations, etc.)
 - Condition of signs, barricades, barrels, temp pavement markings, and other devices (confirm sign and barricade reports are being submitted)
 - Interstate Highways Closure Policy (IHCP) compliance (if applicable)
 - ISP and/or LEO patrol hours, status, and coordination with contract conditions (consider keeping track of cumulative hours from week to week)
 - Upcoming changes (discuss the following: need for any upcoming 2-week pre-notifications to INDOT, PIO, and stakeholders (see below) for restrictions/closures, is CARS updated to reflect current MOT, ingress/egress of worksite/properties, special/local events, any special circumstances)



ITT Progress Meeting Agenda

- Ideally PEMS or Contractor Lead Meeting. Take Notes/Distribute Notes.
- Similar to Pre-Con, the agenda is on the website.
- Cater agenda to meeting.
- Memo 23-09 requires use of this agenda as well as Pre-Construction Agenda.



Defining and Measuring the Utility Challenge -Change Orders-

Bill Plant, P.E.

INDOT Utilities and Railroad Manager



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Data Pulled Monthly

- Change Orders with codes:
 - 407 – Changed Cond, Utility Related AND
 - 111 – Errors and Omissions, Utility Related
- Key columns include amount, approval date, district, letting, remarks

Contract and CO NBR	Contract Number	CO Amount	CO Description	CO Type Code	CO Type	CO Reason	Remarks	Last Upd
R-43398-003	R-43398	0	Time Extension for 2002330 Utility Delay	111	:XTENSION AGREE	ERRORS & OMISSIONS, Utility Related	No Remarks	12/11/21
R-41674-021	R-41674	0	2025 Year End Time Extension - CSGP Time Extension	407	:XTENSION AGREE	CHANGED COND, Utility Related	Various utilities have impacted the Contractors ability to meet the Baseline Schedule. See Change Orders 11 and 15 for detailed explanations of how the the various utility delays impacted the schedule. Rieth-Riley submitted an updated CPM Schedule with a data date of 11.7.25. The updated CPM Schedule shows a REVISED CSGP Intermediate Completion Date of May 6, 2027. INDOT has reviewed and Accepted the updated schedule. This Time Extension will resolve Impacts #3, #5, #6, #7, #8, #11, and #13 which are defined in the Narrative of the November Monthly Schedule Update.	12/3/20:
R-41674-020	R-41674	0	2025 Year End Time Extension - Intermediate Completion Date	407	:XTENSION AGREE	CHANGED COND, Utility Related	Various utilities have impacted the Contractors ability to meet the Baseline Schedule. See Change Orders 11 and 15 for detailed explanations of how the the various utility delays impacted the schedule. Rieth-Riley submitted an updated CPM Schedule with a data date of 11.7.25. The updated CPM Schedule shows a REVISED Intermediate Completion Date of November 21, 2026. INDOT has reviewed and Accepted the updated schedule. This Time Extension will resolve Impacts #3, #5, #6, #7, #8, #11, and #13 which are defined in the Narrative of the November Monthly Schedule Update.	12/3/20:
B-42357-008	B-42357	1926	Extra Surveying	407	CHANGE ORDER	CHANGED COND, Utility Related	This Change Order was to address the extra surveying required at the drainage culvert due to utility concerns. Both the AE and the PM Agree to this change Order	12/1/20:
B-42357-005	B-42357	21797.05	Drainage Remob	111	CHANGE ORDER	ERRORS & OMISSIONS, Utility Related	This Change Order is to address the remobilization of equipment due to utilities not being relocated properly. The PM and Area Engineer both agree with this Change Order. No extra time will be granted.	12/1/20:
R-43386-013	R-43386	6783.84	Non-Utilized Stormwater Structures	111	CHANGE ORDER	ERRORS & OMISSIONS, Utility Related	Contract R43386 Designation 2002312 located in East Chicago, Indiana. Lake county on US.20 and 151st street. The North East corner of 151st Stormwater structures was not used due to city water main location compared to what was stated in the design. The water main was directly beneath the proposed location of the structure. We could not adjust the location do to the needed ties-in for an adjoining structure in the same area. SEC of 151st street the structure was not utilized due to communication utilites such as AT&T, Verizon conduit and fiber conduits would require relocation. Due the large scope of relocating these utilites would be extensive. The current structure is still in great shape and does not show signs of failure. These reasonings was the ultimate decision marker in not using the structures. They documentation provided is justified in payment and there will be no time added to this change order.	11/19/21

Basis of Pulling →

Example Section of Change Order Data Pulled

Added Categorization Completed

- Every change order coded to utilities individually looked at by Central Office Util/Rail team
- Columns added for Utility company, utility type, and cause of change order
- Relying heavily on “Remarks” column from data pulled

CO Reason	Remarks	Last Updated Date	Approved Date	Designed By	Letting Date	Letting Date	Contract Score Data	Utility Company	Utility Type	Cause of Change Order
ERRORS & OMISSIONS, Utility Related	No Remarks	2/11/2025	12/11/2025	Seymour District	9/11/2024	2024		Unknown	Unknown	No Information - delays
CHANGED COND, Utility Related	Various utilities have impacted the Contractors ability to meet the Baseline Schedule. See Change Orders 11 and 15 for detailed explanations of how the the various utility delays impacted the schedule. Rieth-Riley submitted an updated CPM Schedule with a data date of 11.7.25. The updated CPM Schedule shows a REVISED CSGP Intermediate Completion Date of May 6, 2027. INDOT has reviewed and Accepted the updated schedule. This Time Extension will resolve Impacts #3, #5, #6, #7, #8, #11, and #13 which are defined in the Narrative of the November Monthly Schedule Update.	2/3/2025	12/3/2025	Local	10/9/2024	2024		Multiple	Multiple	No information - See Attachment
CHANGED COND, Utility Related	Various utilities have impacted the Contractors ability to meet the Baseline Schedule. See Change Orders 11 and 15 for detailed explanations of how the the various utility delays impacted the schedule. Rieth-Riley submitted an updated CPM Schedule with a data date of 11.7.25. The updated CPM Schedule shows a REVISED Intermediate Completion Date of November 21, 2026. INDOT has reviewed and Accepted the updated schedule. This Time Extension will resolve Impacts #3, #5, #6, #7, #8, #11, and #13 which are defined in the Narrative of the November Monthly Schedule Update.	2/3/2025	12/3/2025	Local	10/9/2024	2024		Multiple	Multiple	No information - See Attachment
CHANGED COND, Utility Related	This Change Order was to address the extra surveying required at the drainage culvert due to utility concerns. Both the AE and the PM Agree to this change Order	2/1/2025	12/1/2025	Ft. Wayne District	4/10/2024	2024		Unknown	Unknown	SUE
ERRORS & OMISSIONS, Utility Related	This Change Order is to address the remobilization of equipment due to utilities not being relocated properly. The PM and Area Engineer both agree with this Change Order. No extra time will be granted.	2/1/2025	12/1/2025	Ft. Wayne District	4/10/2024	2024		Multiple	Multiple	Incorrectly relocated line
ERRORS & OMISSIONS, Utility Related	Contract R43386 Designation 2002312 located in East Chicago, Indiana. Lake county on US.20 and 151st street. The North East corner of 151st Stormwater structures was not used due to city water main location compared to what was stated in the design. The water main was directly beneath the proposed location of the structure. We could not adjust the location do to the needed ties-in for an adjoining structure in the same area. SEC of 151st street the structure was not utilized due to communication utilites such as AT&T, Verizon conduit and fiber conduits would require relocation. Due the large scope of relocating these utilites would be extensive. The current structure is still in great shape and does not show signs of failure. These reasonings was the ultimate decision marker in not using the structures. They documentation provided is justified in payment and there will be no time added to this change order.	1/19/2025	11/19/2025	LaPorte District	2/12/2025	2025		Multiple	Multiple	No information - conflict

Adding

Relying on from Data Pull

Example Section of Change Order Data Added to

How Much are we Talking

- Disclaimer: Change orders aren't categorized perfectly
 - Some coded to something other than utilities that could be utilities
 - Some coded to utilities that shouldn't be.
 - Signals
 - ITS
 - Lighting
 - Storm Sewer
 - Right-of-way

		Approval Year				
		2023	2024	2025	2026 (1/4 of year)	Grand Total
Count	State Projects non-LPA	88	109	103	19	321
	LPA Projects Statewide	63	63	76	9	211
Dollars	State Projects non-LPA	\$3,459,907	\$4,741,155	\$5,298,837	\$748,976	\$14,248,875
	LPA Projects Statewide	\$598,038	\$1,644,779	\$1,833,223	\$58,485	\$4,134,525

Utility Coded Change Order Summary

Cause of Change Order (partial list)

Cause of Change Order Column	Explained Meaning	Potential Initiative
Abandoned Line	delays /costs with an abandoned utility line	Law for better accountability of lines, GIS database of utilities, perform SUE more often,
Aerial Conflict	delays/costs due to constructability conflict with aerial line	Training for coordinators to recognize potential conflicts.
Coordination Delays	Delays of coordination or coordination incomplete before construction/relocation.	Reduce speed of projects, reduce coordinator's work loads, increase project tracking
Design Change	INDOT changed their design and now we have a utility conflict.	Code change orders better.
Incorrectly relocated line	We knew there was a conflict so had the utility relocate but the utility relocated in the wrong spot and now are still in conflict.	Inspect relocations, law for incorrect relocations.
Increased Relocation Cost	We knew there was a conflict. We were planning to pay \$x for the relocation but it ended up costing \$y.	Little. Improve estimated relocation costs.
ITS	anything caused by solely its.	Coordinate with ITS better. Have our facilities located better.
Known Line, Inaccurate Data Conflict	We knew a line existed but thought it was in a different location and where it ended up being is in conflict.	Perform SUE more often, law for better accountability of lines
Known Line, Unanticipated Conflict	We knew the line existed but didn't think it was in conflict.	Training for coordinators to recognize potential conflicts.

Cause of Change Order (full list)

- Not a perfect science. Some subjectivity.

Cause of Change Order Column	Explained Meaning	Potential Initiative
Abandoned Line	delays /costs with an abandoned utility line	Law for better accountability of lines, GIS database of utilities, perform SUE more often,
Aerial Conflict	delays/costs due to constructability conflict with aerial line	Training for coordinators to recognize potential conflicts.
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Increased Relocation Cost	We knew there was a conflict. We were planning to pay \$x for the relocation but it ended up costing \$y.	Little. Improve estimated relocation costs.
ITS	anything caused by solely its.	Coordinate with ITS better. Have our facilities located better.
Known Line, Inaccurate Data Conflict	We knew a line existed but thought it was in a different location and where it ended up being is in conflict.	Perform SUE more often, law for better accountability of lines
Known Line, Unanticipated Conflict	We knew the line existed but didn't think it was in conflict.	Training for coordinators to recognize potential conflicts.
Lack of Communication	Miss communication expected needs versus actual or occurred	Training for coordinators to recognize potential conflicts and communicate.
Lighting	anything cause by solely lighting.	Code change orders better.
Locate Troubles	Delays in marking utilities or inaccurate marks	Law for better accountability of lines
No information - See attachment	Change order reason references an attachment we don't have access to	Easier access to change order information or better system to input.
No information - Conflict	change order says they found a conflict in the field. No other information is provided.	Have construction team provide more information regarding the conflict.
No Information - delays	change order says there are utility delays but not much information further	Have construction team provide more information regarding the delays.
No Information about change order	no information	Have construction team provide more information.
Not truly utility related	Anything that isn't utilities.	Code change orders better.
Previously Damaged Line	The line was damaged before construction and construction finished it off.	Law for better accountability of lines
R/W Delays	Delays to R/W	Code change orders better.
Recently Permitted Line	Line permitted to install in r/w through EPS now conflicts with project.	Permits team involve project team more often.
Relocation Delays	we knew the utility had to relocate and so did the utility and they took longer than anticipated/stated.	Law holding utilities more accountable to their timelines, better clarity in work plan and specs of anticipated timelines.
Service Points	Added costs due to INDOT service point needs not accounted for in the contract	Provide clarity/best practice on service point coordination process.
Signals	anything caused by solely traffic signals	Code change orders better.
Staking	staking the row	Include additional staking in PSE, coordinator communicate needs for staking better in specs.
Storm	Anything caused by solely storm sewer.	Code change orders better.
Supply Issues	Delays due to utility or contractor supply issues.	Law holding utilities more accountable to their timelines, better clarity in work plan and specs of anticipated timelines.
SUE	When we pay a contractor to perform SUE work / find the utility just because	Include inspection hole pay item/spec more often in PSE.
Tree Clearing	Any tree clearing	Include additional staking in PSE, coordinator communicate needs for staking better in specs.
Unknown Line Conflict	We found a conflict with a line in the field that we didn't know existed.	Law for better accountability of lines, GIS database of utilities, perform SUE more often,
Utility Design Change	we had coordinated the project and then utility wanted to change their plan.	Law for better accountability of relocation plan, more iterations and review of proposed work plans

Completed Initiatives From Findings

- Guidance on INDOT-owned lines and coordination of them
- Guidance related to abandoned lines
- Analysis on if we should be completing SUE on more projects, increased encouragement of SUE
- Template for relocation inspection
- Training on plan reading
- Revision of template 107 special provision
- Reminder for EPS Permits team to check if INDOT project nearby
- Training on utility coordination process in general for utilities and coordinators
- Regular meetings with common utilities

Utility Relocation Inspection Services

Background:

INDOT Central Office Utility/Rail Division supports the use of inspection services for utility relocations as determined necessary on a project. However, the level of effort needed if any is difficult to know when the project is initially being scoped. As the project progresses, the project team, including the consultant, may determine utility relocation inspection could be valuable on the project. Once the need has been determined, this document can be utilized as a tool to define and communicate anticipated inspection scope. Boxes next to needed scope should be checked and fill-in areas completed while boxes of unneeded scope should remain unchecked.

Typically, initial consultant contracts will include a base dollar amount for the consultant to perform post-letting coordination services. Once the scope is defined it may be required to amend the original contract to increase associated fees. This document is a resource and not officially required and does not become part of the contract.

INDOT Central Office Utility/Rail Division is available as a resource if needed.

Scope of Services:

The scope of work for utility relocation inspection includes the following services:

Anticipated some level of effort required by Consultant for (insert number of utilities relocating) utilities relocating.

Only to be included if relocation inspection is performed by different consultant company than UC. The consultant will review the utility relocation work plans and other project information to familiarize themselves with the project. Consultant will verify the work plans meet all INDOT guidelines and project specifications. This includes evaluating proposed timelines and materials to be used in the relocation process.

Only to be included if not already included in Consultant's scope via other contracts. The consultant staff shall coordinate and attend utility relocation field meetings as necessary. Anticipated (insert number of meetings) meetings necessary set up, led and summarized by Consultant and (insert number of meetings) meetings necessary set up, led, and summarized by others.

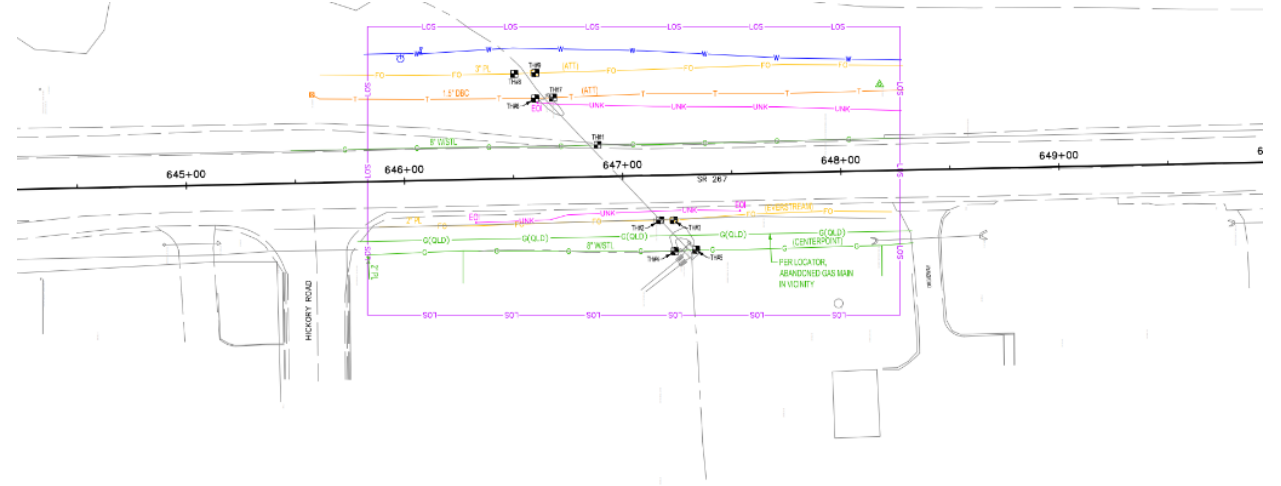
Consultant shall perform staking of:

Section of Utility Relocation Inspection Template Scope Checklist Available

Future Initiatives From Findings

IN PROGRESS

- Training on constructability conflicts
- Guidance on service point coordination / update of spec
- Guidance to target receiving work plans earlier
- Inclusion of SUE results in design plans and to contractor
- Encourage better change order detail
- Update work plan template
- More consistency across districts



FUTURE

- 811?
- Laws?
- GIS/Mapping/As-builts?

TEST HOLE SUMMARY

TH #	UTILITY LOCATED	NORTHING	EASTING	PIN ELEVATION (FEET)	TOP OF UTILITY ELEVATION (FEET)	ACTUAL DEPTH (FEET)	DATE	NOTE
1	GAS (COUNTRYMARK)	219084.86	817577.52	895.50	891.89	3.61	07/12/23	SEE TEST HOLE FORM FOR MORE DETAILS
2	2" PLASTIC FIBER OPTIC (EVERSTREAM)	219113.48	817611.93	894.76	891.02	3.74	07/12/23	
3	2" PLASTIC FIBER OPTIC (EVERSTREAM)	219119.80	817611.93	894.92	891.16	3.76	07/12/23	
4	GAS (CENTERPOINT)	219120.30	817626.15	888.45	885.42	3.03	07/12/23	SEE TEST HOLE FORM FOR MORE DETAILS
5	8" WRAPPED STEEL GAS (CENTERPOINT)	219129.95	817625.47	888.28	885.27	3.01	07/13/23	
6	1.5" TELEPHONE DBC (ATT)	219096.26	817556.20	886.35	884.58	3.76	07/14/23	
7	1.5" TELEPHONE DBC (ATT)	219004.51	817555.83	886.33	884.61	3.72	07/14/23	
8	3" PLASTIC FIBER OPTIC (ATT)	219046.74	817544.97	888.60	883.79	4.81	07/16/23	
9	3" PLASTIC FIBER OPTIC (ATT)	219056.33	817544.56	888.68	884.08	4.78	07/16/23	

1. SEE TEST HOLE CERTIFICATION FORM FOR ADDITIONAL INFORMATION.
 2. THE ACTUAL DEPTH IS MEASURED NOT CALCULATED.

Sample SUE Deliverable Stamped and Available for Inclusion in PS&E

Top Causes

Causes	Count of Change Order	Sum of CO Amount
Relocation Delays	103	\$4,950,283
No information - conflict	99	\$4,177,527
Known Line, Inaccurate Data		
Conflict	30	\$650,185
No Information about change order	30	\$538,705
Unknown Line Conflict	23	\$604,883
SUE	22	\$616,172
No Information - delays	22	\$182,899
Incorrectly relocated line	20	\$179,786
Known Line, Unanticipated Conflict	19	\$429,465
Service point	17	\$402,907
Lack of Communication	16	\$410,142
No information - See Attachment	15	\$816,479
Not truly utility related	14	\$576,611
Previously Damaged Line	10	\$1,231,128

Top Change Order Causes 2023-2026

- Pretty similar causes between state projects and LPA projects
- Examples:
 - Relocation Delays:
 - An additional mobilization and demobilization is required due to the contract start date being changed from the fall of 2024 to the spring of 2025 due to utility relocation delays.
 - No information – conflict :
 - During installation of the pipe work on the south ramp of SR37, the contractor had to modify the previously installed storm structures and lids that were relocated due to utility concerns. Modifying the storm structures was the quickest and easiest solution to not holding up the project after the utility conflicts.

Detail We Like

- Relocation Delays:
 - An additional mobilization and demobilization is required due to the contract start date being changed from the fall of 2024 to the spring of 2025 due to utility relocation delays.
- Known Line, Inaccurate Data Conflict
 - This change order is to add the item for hand digging for guardrail post. The plans show fiber optic line near the guardrail post but not in conflict. When the utility locator marks the line it is within two feet of the post
- Unknown Line Conflict
 - This change order is necessary to repair sanitary sewer line that was damaged during removal of existing structure. This line was not marked in the plans and was in our work area and in conflict with work required....

Where Detail Could Improve

- No information – conflict :
 - During installation of the pipe work on the south ramp of SR37, the contractor had to modify the previously installed storm structures and lids that were relocated due to utility concerns. Modifying the storm structures was the quickest and easiest solution to not holding up the project after the utility conflicts.
- No information – delays
 - CONTRACTOR claimed that during the UTILTIY COMPANY utility delay they paid for weekly sign and barricade reports. Utility delay did occur to controlling operation during this time frame. No additional time requested.
- No information about change order

D	E	F	G	H
CO Description	CO Type Code	CO Type	CO Reason	Remarks
Additional Mob and Demob for crane	407	CHANGE ORDER	CHANGED COND, Utility Related	No Remarks

Utility Types and Companies

- Companies are the larger ones you'd expect
 - Haven't done analysis on percentage of projects involved vs percentage of change orders
 - INDOT Central Office meets at least yearly with all the ones at the top

Company	Count of CO	Sum of CO Amount
Unknown	171	\$4,592,128
Multiple	115	\$5,011,353
Company 1	23	\$532,714
Company 2	21	\$819,993
Company 3	20	\$907,930
Company 4	17	\$1,178,434

Top Companies with Change Orders 2023-2026

Utility Type	Count of Utility Type	Sum of CO Amount
Multiple	109	\$4,413,493
Unknown	132	\$4,190,852
Water	52	\$2,514,094
Comm or		
Fiber	24	\$1,618,468
Gas	36	\$1,156,894
Aerial	9	\$1,033,576
n/a	14	\$535,418
power	41	\$513,014
Fiber	34	\$497,023
Sewer	18	\$474,476
ITS	5	\$360,274

Top Utility Types with Change Orders 2023-2026

Next Steps

- Continue encouragement of change order detail
- Use change order data and analysis to find future initiatives needed



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Questions



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Breakout Sessions

Survey Discussions



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15-minute Break / Networking



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Panel Discussion

Bill Plant

Utilities and Railroad Director INDOT

Chad Nierman

Area Engineer INDOT

Aaron Day

Project Manager American
Structurepoint

Nick Timmerman

Mgr of Government and
Industry Relation E&B Paving



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