

MEETING MEMORANDUM

MEETING DATE: 9/2/2020

DATE: 9/15/2020

CLIENT: Town of Munster

WRITTEN BY: Lee Randell

PROJECT: 45th Street Underpass (B-36229)

PROJECT #: 1861-3591-70

LOCATION OF MEETING: Phone Conference

PURPOSE OF MEETING: Progress Meeting #40

ATTENDED BY: (PHONE CONFERENCE)

Dustin Anderson – Town of Munster
Dan Broelmann – Town of Munster
Chris Spolnik – Town of Munster
Tom Vander Woude – Town of Munster
Aneesh Bethi – CN
Don Grabowski – Knight Engineering
Bob Hildebranski – Knight Engineering
Brett Westcott – Knight Engineering

Marc Arena – Walsh Group (Walsh)
Mike Herz – Walsh Group
John Hilsen – Robinson
Cortney Beale – INDOT
Jessica Spiess – INDOT
Brad Dailey – DLZ Indiana, LLC (DLZ)
Lee Randell – DLZ Indiana, LLC

DISCUSSION:

The meeting was initiated with a discussion of project status and schedule by Lee Randell. The underpass parapet walls have been formed and poured. Form removal of the underpass walls and top slab are ongoing. Retaining wall construction is ongoing. Waterproofing membrane application to the underpass exterior walls is ongoing. Acceleration operations on 45th St east of Calumet Ave continue as conditions and work allow. Stage 4 construction of the southbound lanes of Calumet Ave is ongoing. Calumet Ave remains restricted to one (1) lane each direction within the newly constructed northbound lanes, including a northbound left turn lane and southbound right turn lane at 45th St west. Underground storm sewer installation within the southbound lanes is complete. Underground storm sewer installation along old 45th St (east) and 45th St east of Calumet Ave is ongoing. Subgrade treatment installation within the southbound lanes is ongoing. Concrete curb and drive approaches along the west side of Calumet Ave are ongoing. Lighting and traffic signal installation for southbound Calumet Ave is ongoing.

The meeting was then directed to the upcoming project schedule. Mike Herz stated that stockpiled spoil material removal is expected to continue. Underpass form removal is expected to continue. Waterproofing membrane application to the exterior underpass walls is expected to be complete this week. Backfill of the underpass walls are expected to follow waterproofing operation. Waterproofing membrane application to the top slab is expected to follow wall backfill operations. Construction of the approaches and track switch are

expected to follow top slab waterproofing operation. Calumet Ave traffic switch to begin the median construction is expected on 9/24/20.

The meeting was then directed to utility status and concerns, there were none.

The meeting was then directed to a brief review of change orders and notice of changed conditions.

- Change Order 10 – Rebar Shop Drawings (\$53,592.68 submitted)
- Letter 017 – Underpass Reinforcement Follow-up Notice (ref M. Arena email 2/18/20)
- Letter 023 – Change to Structural Concrete Requirements
- Letter 024 – Additional Work at STR 307 and 308A (Grimmer/CN)
- Letter 025 – Additional Work Removal of Spoil Piles

The meeting was then directed to unresolved issues including RFI's and Submittals by Walsh.

- SUB-036 Anti-Graffiti – NI Spanos will be the subcontractor.
 - Submittal previously provided on 3/29/20. Comments received from EOR on 4/4/20, revise and resubmit. Resubmittal is expected the week of 6/29/20.
 - Mr. Herz previously stated that the application of anti-graffiti coating was expected to be applied to the mockup panel on 7/10/20. The anti-graffiti coating was applied to the mockup panel on 7/18/20.
 - Resubmittal was provided to the EOR on 8/21/20. John Hilsen previously added that he has received the resubmittal and has forwarded to Lochner for review. Resubmittal returned on 8/25/20, make corrections noted.
 - RECO Manufacturer Oversight
 - 20% observation and review of T Wall panel installation required per contract requirements.
 - Per contract requirements, "the representative will document these observations, review and guidance in daily reports when onsite which will be submitted for inclusion into the project."
 - Ms. Beale previously stated that the email received from RECO is not sufficient and a more detailed report will be required.
 - INDOT sent an email to RECO on 7/8/20 asking how the contract and observation requirements will be met. RECO responded on 7/9/20 stating that a representative will be onsite during the panel installation of Walls 2 and 4 to meet the 20% observation requirement.
 - Mr. Herz previously stated that RECO is expected back onsite for the completion of retaining walls 1-3 at the underpass.
 - RECO is expected back onsite during the construction of Wall 4. Mr. Herz added that the report for 8/27/20 has not been received. **RECO report for 8/27/20 was received on 9/11/20.**
 - CN – Wall 3 Backfill, Mainline Track Bed Concerns
 - CN has previously expressed concerns regarding the embankment performance and settlement (short and long term) as it applies to the CN mainline track bed.
 - RECO has previously addressed stability of material within the retaining wall envelope.
 - Thomas Brasseur previously stated CN still has outstanding concerns related to the reuse of
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existing soil under the mainline track bed Don Grabowski previously added concern over the means, methods and performance of existing soil supporting the mainline track bed and requested that this matter be discussed in further detail soon to finalize. Mr. Brasseur previously stated that perhaps another conference call would be necessary to discuss further. Brad Dailey previously added this matter has been forwarded to the wall designer, Reinforced Earth Company (RECo), who has addressed wall stability. While RECo has addressed stability and material within the wall envelope, Mr. Dailey also added that the same material concerns have been relayed to the design team to address areas beyond the wall envelope. DLZ will continue to follow up with the designer and provide information as soon as it's received. Aneesh Bethi previously requested that CN's concerns on the matter be added to the progress meeting agenda under unresolved issues until it is resolved.

- Mr. Bethi previously asked that this matter be discussed separately from the progress meeting. A conference call was scheduled for Monday (8/24/20) at 2 PM CST, after the progress meeting was concluded.
- CN/Knight requested an action plan from Robinson/K&S for the embankment construction within the zone of influence. There have been ongoing discussion and a recommendation is expected on 9/3/20. John Hilsen added that Robinson expects to receive the recommendation today (9/2/20) and provide to CN on 9/3/20.

The meeting was then directed to DLZ issues or concerns. Mr. Randell stated that an email was received from Mr. Brasseur earlier today (9/2/20) indicating that CN would not have manpower or equipment available before the end of October or early November to perform the track switch. The track switch operation is scheduled to begin on 9/23/20 via correspondence between Walsh and CN in July 2020. Track switching operations after the date of 9/23/20 will cause significant delays to an already accelerated schedule. Dustin Anderson shared his disappointment in the schedule, adding that the Town of Munster will be expected to pay for the additional costs associated with the delay, and asked Cortney Beale if there is way that the delay costs be expensed by CN. Ms. Beale will discuss this matter internally with INDOT to see what can be done if a delayed track switch causes contract completion into 2021. Mr. Anderson asked if Mr. Brasseur was participating in the meeting, and whom at CN could he direct questions. Jessica Spiess added that she will reach out on her end and that INDOT will investigate further. Marc Arena added that CN was notified of track cutover date in July. Aneesh Bethi stated that Mr. Brasseur has been maintaining correspondence while on vacation, and that schedule impacts are recognized by CN. **CN met onsite internally on 9/9/20 to review their work and discuss options for advancing the schedule on their end. Further schedule discussions will take place, per CN.**

The meeting was directed to Town of Munster issues or concerns, there were no other issues aside from the contract completion schedule as previously discussed.

The meeting was directed to INDOT issues or concerns. Ms. Spiess and Ms. Beale stated INDOT would continue to investigate the delay concerns and costs and will report their findings.

The meeting was directed to CN issues or concerns. Mr. Bethi stated that CN will review the EOR recommendation expected to be received 9/3/20. Brad Dailey asked Mr. Bethi what timeline or how quickly an initial response to the recommendation could be received. Backfill operations could begin soon and are on hold pending review of the recommendation. Mr. Bethi responded saying the recommendation review is a priority for CN and will begin as soon as it is received. Issues and questions with the recommendation can be reported within a day and the matter will be given priority.

The meeting was directed to Walsh issues or concerns, there were none.

The next progress meeting will be held on Wednesday, September 16, 2020, at 1:00 PM CDT. The next meeting will be conducted via phone conference due to current restrictions on physical interaction and social distance requirements. The meeting was adjourned after no further questions or comments arose.

ACTION ITEMS:

No.	Description	Responsibility	Due Date
1	Change Orders	DLZ/Walsh	9/16/20
2	T-Wall Manufacturer Oversight	RECO	9/16/20
3	Wall 3 Backfill, Mainline Track Bed Concerns	DLZ/REL/Walsh/CN	Daily

The foregoing constitutes our understanding of matters discussed and conclusions reached. Please review these items and advise the undersigned, in writing and within five (5) business days, of any errors or omissions.

CC:

Those in attendance
Thomas Brasseur – CN
Chuck Collins – Town of Munster
John Dudlicek – Grimmer Construction
Tim Fehr – BP
Keith Gardina – Walsh & Kelly
Steve Gunty – Town of Munster
Mark Hajduk – Town of Munster
Brent Jeffries – Grimmer Construction
Daymon Johnston – Town of Munster
Dan Kubiak – Walsh Group
Victure Mendoza – Walsh Group
Greg Neulieb – Hawk Enterprise
John Peirick – Town of Munster
Dave Pelc – Town of Munster
Anton Petrashevich – Town of Munster
Herb Sitter – TMC
Mike Sitter – TMC

DLZ REPRESENTATIVE



Lee Randell, PE
Civil Engineer