

**In The Matter Of:**  
*Ohio Department of Transportation*  
*ODOT Project CUY-77-0.38/CUY-77-3.45*

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*Pre-Bid Hearing*  
*May 14, 2010*

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OHIO DEPARTMENT OF TRANSPORTATION

PRE-BID HEARING

ODOT PROJECT

CUY-77-0.38 / CUY-77-3.45

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MEETING HELD AT THE OHIO DEPARTMENT OF  
TRANSPORTATION, 5500 TRANSPORTATION  
BOULEVARD, GARFIELD HEIGHTS, OHIO, ON  
FRIDAY, MAY 14, 2010 AT 9:18 A.M.

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1 MR. KING: Dave King with Perk  
2 Company. A couple questions.

3 On the ongoing project on 77, do  
4 we have any idea how and if it will  
5 interfere with this project since it is  
6 ongoing underneath all these structures?  
7 If we could just get like what phase you  
8 think they'll be in and lanes and closures,  
9 et cetera?

10 MR. HEBEBRAND: What I can state  
11 at the end of 2010, the I-77 add lane  
12 project, down below we should have all of  
13 the asphalt completed on the southern end.  
14 There may be some structural work down  
15 below. 2011 is to complete surface coarse  
16 asphalt and there might be some outside  
17 work, but the vast majority of it I would  
18 guesstimate 90, 95 percent of the work will  
19 be complete.

20 MR. KING: Thank you.

21 Also on the Chestnut Road  
22 structure there's an existing curb line  
23 fence, it's like drilled and doweled into  
24 the sidewalk, does that go back?

25 MR. CALANNI: No.

1 MR, KING: Okay. The 11 foot lane  
2 widths, is that including the offsets, does  
3 it include any offsets, is that toe of the  
4 sidewalk to the parapet to the toe of the  
5 barrier?

6 MR. CALANNI: We think that our  
7 intent was 11 foot lane length and we may  
8 have additional offsets, but she's  
9 double-checking the scope right now.

10 MR. KING: Another question.

11 The asbestos inspection it says  
12 between Stage 1 and Stage 2, can that be  
13 done prior to Stage 1 so we know if there  
14 is asbestos in there and if it does require  
15 abatement?

16 MS. DAR: I think it's Stage 2  
17 that we have the inspection report. That's  
18 when the district and the coordinator will  
19 get that information.

20 MR. KING: Okay.

21 MS. DAR: So that will be at  
22 Stage 2. The scope says that the curb to  
23 curb dimension is 26 feet on Chestnut. Is  
24 that the question you asked?

25 MR. KING: Well, there's a fence

1 there. The question was the offset. I'm  
2 having a hard time hearing, too.

3 MS. DAR: It doesn't have the  
4 offset in the scope, but the curb to curb  
5 dimension is 26 feet.

6 MR. CALANNI: What does it say for  
7 the lane width?

8 MS. DAR: It doesn't say.

9 MR. CALANNI: It doesn't specify.

10 MR. KING: It's under the MOT, the  
11 11 foot offset.

12 MR. HAZAPIS: Are you talking  
13 about the final deck width or are you  
14 talking about the maintenance of traffic?

15 MR. KING: No.

16 MS. DAR: The maintenance of  
17 traffic.

18 MR. HAZAPIS: Can you find it?

19 MR. KING: Section 13.2.

20 MR. CALANNI: We may have to look  
21 into that and get back to you.

22 MR. KING: Okay. I have another  
23 question. Under the utility note there's  
24 really no utility contacts there on the  
25 page. It says the following utility

1 facilities, but nothing's listed there as  
2 far as utility information or contacts.

3 MR. ONDASH: At this time we're  
4 really not sure who they are.

5 MR. KING: Okay.

6 MR. ONDASH: We did a visual  
7 underneath and noticed that they all have  
8 stuff and utilities under there. They have  
9 not been identified as to who they are.

10 MR. KING: Okay. So that will be  
11 provided I would imagine? I would hope.

12 MR. ONDASH: I think. I'll have  
13 to check the scope again that that was  
14 something that the design build team would  
15 investigate and identify.

16 MR. KING: So the design build  
17 team would have to investigate and identify  
18 all the utilities?

19 MR. ONDASH: I believe so.

20 MS. DAR: Most of the information  
21 would be on the existing plans as well.

22 MR. KING: Existing plans.

23 MR. WILLIAMSON: Can I follow up  
24 on those questions? I'm Joel Williamson  
25 with J.D. Williamson. The scopes don't

1 indicate ducts on all the bridge, they  
2 indicate ducts on about half of them. Are  
3 there ducts on all the bridges?

4 MR. KING: No.

5 MR. WILLIAMSON: So the scopes  
6 might be right on what bridges do have  
7 ducts. Okay.

8 MR. ONDASH: I believe on some of  
9 the ones that have ducts, we're not sure if  
10 they're still active or not, if there's  
11 anything in there.

12 MR. WILLIAMSON: With this  
13 compressed bid schedule, it's tough for  
14 design build teams to come up with  
15 interrogating nameless utilities companies  
16 in putting this bid together and it sure  
17 would be helpful if we could get some  
18 direction on utilities on these things.  
19 The ducts are one of the big open ends on  
20 this job.

21 Also on existing drawings we've  
22 gone through the lengths and widths and I  
23 haven't been able to find Lacy Lane or  
24 Valley Parkway existing drawings, does  
25 anybody else have that problem?

1 MR. ONDASH: Lacy Lane would have  
2 been listed in the drawings as Karen-Lynn.  
3 It got a name change maybe seven years ago.

4 MS. DAR: That's Brecksville Road.

5 MR. ONDASH: I believe it's listed  
6 as Valley Parkway.

7 MR. WILLIAMSON: Brecksville  
8 Parkway is Valley Parkway. Okay. I did  
9 see those. Thank you.

10 If I can continue. On this Valley  
11 Parkway it talks about contacting  
12 Metroparks for details on the bridal path  
13 surface, does anybody know what it is  
14 existing?

15 MR. ONDASH: Existing is like a  
16 gravel in there. I think that's what  
17 they're looking to put back, like a gravel.

18 MR. WILLIAMSON: Thank you.

19 MR. HORNING: Greg Horning with  
20 the Ruhlin Company. I have a couple  
21 questions. Getting back to the asbestos  
22 inspection, it says in the scope, that the  
23 contractor, the design build team is  
24 responsible for disposal and everything  
25 else and it's impossible for us to get out



1 there and do an asbestos inspection right  
2 now. Is there any way that can be changed  
3 to a force account or some other method of  
4 payment so that we're able to address it?

5 MS. DAR: That's already been  
6 included in the addendum.

7 MR. HORNING: We haven't seen an  
8 addendum yet.

9 MS. DAR: I guess central office  
10 hasn't posted those as of yet.

11 MR. HAZAPIS: It's going to be  
12 paid for as a force account change order.  
13 Whatever you come up with you'll be paid  
14 for.

15 MR. HORNING: That will be fair.

16 There's noise wall notes, Section  
17 15.4, what is the reason for those?  
18 There's no noise wall on any of the bridge  
19 parapets or anything. There's some noise  
20 walls nearby. Is there something we're  
21 missing in the scope that says we have to  
22 put up noise wall everywhere?

23 MR. ONDASH: That must be a  
24 clerical error on my part. I thought it  
25 was checked as no.

1 MR. HORNING: 15.4.

2 MR. ONDASH: It should be checked  
3 as no.

4 MR. HORNING: Okay. Concrete  
5 sealer on the bridges, can you define the  
6 limits? And right now we're replacing the  
7 bridge deck, is that all you intend us to  
8 seal is expansion joint to expansion joint  
9 or is there some other limits that you  
10 would anticipate being sealed?

11 MS. CONLEY: I think we'll have to  
12 investigate that one and we'll get back to  
13 you.

14 MR. HORNING: All the bridges  
15 currently have sealers in various states.

16 MS. CONLEY: Correct. So that I  
17 think it's probably best if we go one by  
18 one to make sure what we get what we need  
19 and then go from there.

20 MR. HORNING: What design method  
21 should be used for the structural LFD or  
22 LRFD? It doesn't say anywhere.

23 MR. CALANNI: You can use whatever  
24 you want as an LFD, ASD, LRFD, one of these  
25 three.

1 MR. HORNING: In the notes it says  
2 the design loadings should be HS20, what do  
3 we use if they don't make HS20, will there  
4 be a waiver if they can't make it?

5 MR. CALANNI: No. You need to  
6 retrofit the structure to make it work,  
7 like use shear studs, moment plates,  
8 something like that, modified beams to make  
9 it work.

10 MR. BERGSTROM: All right. I'm  
11 going to follow-up. This is Tom Bergstrom  
12 with URS. Follow-up to that question.  
13 Without really doing a detail analysis  
14 before this thing's awarded, you really  
15 don't know what you need to do to make  
16 these things work. Some of these bridges  
17 were designed for an H15. It's a ways away  
18 from an HS20 and, you know, studs may help,  
19 they may not be the only solution, so we  
20 kind of would really need to know some  
21 direction on how to go if you need moment  
22 plates or not, unless you got a design  
23 ahead of time, which is really not the  
24 purpose of design build.

25 MR. CALANNI: We'll have to look

1 into that and get back to you on that.

2 MR. BERGSTROM: All right.

3 MR. HORNING: Greg Horning, the  
4 Ruhlin Company again.

5 In the bid form it says there's  
6 some conceptual drawings for the patching  
7 on a lump sum pay item. It's pretty hard  
8 to get out there and come up with any type  
9 of real quantity for patching and be fair  
10 about it. Is there any way that can be  
11 changed to square foot price for every  
12 bridge to make it fair for you and for us?  
13 We didn't get any conceptual drawings for  
14 that either, so we have no clue what you're  
15 looking for.

16 MS. DAR: There aren't any  
17 conceptual drawings. I think that's  
18 something that central office is probably  
19 going to change the description. The  
20 conceptual documents that are on the item  
21 is just a scope of services we have.

22 MR. HORNING: Well, we'd still  
23 like to see that changed to a square  
24 footage price.

25 MS. DAR: We'll take a look at

1 that.

2 MR. HORNING: Okay. Another  
3 question is the new sidewalk on the bridge  
4 is five feet wide. The existing sidewalk  
5 on the wing walls is four foot wide, where  
6 do you want the transition for that to take  
7 place?

8 MR. CALANNI: You can do that as  
9 an approach slab if you want.

10 MR. HORNING: Your approach slab  
11 is the existing structure out there. The  
12 sidewalk is not on the approach slab, it's  
13 actually hanging off the wing walls.

14 MR. CALANNI: It's not in there  
15 with the approach slab?

16 MR. HORNING: No.

17 MR. HERCEG: Chestnut.

18 MR. HORNING: I mean all of them.

19 MR. JOHNSON: I'm Matt Johnson,  
20 Palmer Engineering. To clarify his point,  
21 we asked a pre-bid question whether the  
22 wing walls needed to be removed above the  
23 beam seam and if the wing walls were  
24 removed above the beam seam that would take  
25 care of the sidewalk.

1 MR. HORNING: A lot of the times  
2 when the back walls are removed the wing  
3 walls are removed above B and C and a lot  
4 of those wings walls are shot.

5 MR. MESICK: Scott Mesick with  
6 Kokosing. Just to follow-up with Greg's  
7 question regarding the width of the  
8 sidewalk. The existing pavement width in  
9 most cases is now wider than the proposed  
10 pavement width which creates an issue when  
11 you get off of the structure. That needs  
12 to be looked at. For example, Snowville  
13 Road is 28 feet face of curb to face of  
14 curb. The proposed per the scope is 26  
15 feet face of curb to face of curb, it  
16 doesn't work.

17 MR. HORNING: Greg Horning with  
18 the Ruhlin Company. Noise restrictions,  
19 it's going to be impossible for us to talk  
20 to all the communities and everything else  
21 to find out what noise ordinance and  
22 everything else there is in a week and with  
23 the Kokosing work out there and everything  
24 else, there's going to be some night work  
25 and problems with lane closures, is there

1 any way you can give us any idea if there's  
2 any noise restrictions in any of those  
3 neighborhoods?

4 MR. HEBEBRAND: Generally, they're  
5 7:00 a.m. to 9:00 p.m., but we could  
6 verify. We're talking Brecksville and  
7 Independence.

8 MS. CONLEY: And Broadview  
9 Heights.

10 MR. HERCEG: And Broadview  
11 Heights.

12 MR. HORNING: Another question.  
13 We have 77 days basically from the time we  
14 shut traffic down until the time we reopen  
15 the bridge up completely. Usually, the  
16 time for sealer from the last time you pour  
17 your last concrete paved seal is 30 days.  
18 Does the sealer have to be completed in  
19 that 77 day window? And if not, can we  
20 have lane closures to be able to do the  
21 seal?

22 MR. CALANNI: We'll look into that  
23 one, too.

24 MR. HEBEBRAND: Greg, I could  
25 provide an answer construction wise, but I

1 don't want to skew the design process.

2 MR. HORNING: That's fine. We  
3 just want to bring up the points that we've  
4 seen so far.

5 MR. HEBEBRAND: Your point would  
6 be is that the bridge structure is  
7 complete, we just need to seal the parapet.

8 MR. HORNING: Yes. If we can get  
9 it done in 77 days, I'm going to probably  
10 pour a parapet maybe day 76 and there's no  
11 way I can wait 30 more days until I can  
12 seal that.

13 MR. HEBEBRAND: Okay.

14 MR. MESICK: Scott Mesick with  
15 Kokosing. Regarding haul roads, can the  
16 department put a contingency to do repairs  
17 or is it on the contractor to determine how  
18 many or to guess at how much haul road  
19 repair wanting to put in their bid.

20 MS. DAR: We will get back to you  
21 on that, too.

22 MR. HAZAPIS: Yes.

23 MS. DAR: We will get back to you  
24 on that, too.

25 MR. STORA: Tom Stora with URS.



1 This is kind of a follow-up to the loading.  
2 Jim, is there any way that we can get any  
3 past ratings on all the structures, the  
4 analysis on that?

5 MR. CALANNI: The only thing I  
6 think you have is bars analysis from  
7 Columbus if that would be helpful to you  
8 guys. I don't know if that's what you're  
9 looking for.

10 MR. BERGSTROM: Well, I guess it  
11 all depends on how you kind of resolve the  
12 issue of what do we make these bridges good  
13 for and then that will help, that may help  
14 it depending which way you go.

15 MR. CALANNI: We can get all the  
16 bars analysis files and post them if that  
17 would be helpful. Okay.

18 MR. BERGSTROM: Okay.

19 MR. HORNING: Greg Horning from  
20 the Ruhlin Company. The way we read the  
21 aesthetic requirement of these bridges  
22 there is no special esthetic form lines or  
23 anything else other than that bump out on  
24 the backside of the sidewalk; is that  
25 correct?

1 MS. CONLEY: An addendum is being  
2 processed now and it actually has an  
3 aesthetics drawing in there and it will be  
4 rectangular inset pattern similar to the  
5 Miller Road bridge over 77. There's also  
6 the protection fence will have a  
7 rectangular pattern in it. That is  
8 actually dimensioned and detailed in the  
9 addendum, but that should be out today,  
10 tomorrow.

11 MR. WILLIAMSON: Joel Williamson.  
12 It says the approach slabs should be  
13 replaced same length, same thickness, too.

14 MR. CALANNI: Whatever the current  
15 standard drawing is.

16 MR. WILLIAMSON: Just standard  
17 drawing for that length?

18 MR. CALANNI: Yes.

19 MR. WILLIAMSON: What about  
20 concrete on this job? I'm not that far  
21 into it, but is it QA QC concrete or does  
22 it say what concrete?

23 MR. CALANNI: Do you remember what  
24 we specified on the code? I don't know  
25 what was specified. She'll check. We're

1 doing HP concrete and there's an  
2 as-per-plan in the documents.

3 MR. WILLIAMSON: I think this  
4 thing requests a floodplain analysis. You  
5 don't want a floodplain analysis, do you?

6 MR. ONDASH: No. Once again, if  
7 that wasn't checked no, it should be.

8 MR. WILLIAMSON: And very little  
9 earthwork on these jobs, are SW3Ps going to  
10 be required from the design build team?

11 MR. HAZAPIS: You'd probably have  
12 to do the analysis to see. You're talking  
13 about the earth disturbed area, that kind  
14 of thing?

15 MR. WILLIAMSON: Well, the plans  
16 for temporary erosion control items.

17 MR. HAZAPIS: I'll have to  
18 double-check on that one. I'm thinking no,  
19 but I'll double-check. Naureen will  
20 double-check on that.

21 MS. DAR: The earth disturbed area  
22 would be less than one acre, so.

23 MR. WILLIAMSON: On MOT we're  
24 talking about maintaining one-way traffic  
25 with traffic signals, are there any

1 intersections close enough to these bridges  
2 that are going to require closures of  
3 intersections close to the bridge so that  
4 you can maintain one-way traffic?

5 MR. HERCEG: No, there shouldn't  
6 be.

7 MR. WILLIAMSON: Shouldn't be.

8 Two of the bridges are pretty  
9 close to each other, but you said you  
10 couldn't do them both at the same time,  
11 didn't you?

12 MR. HERCEG: Correct.

13 MR. ONDASH: Correct.

14 MR. HERCEG: The parkway.

15 MR. JOHNSON: The island.

16 MR. WILLIAMSON: Thank you.

17 That's all. That's mostly what I had.

18 MR. JOHNSON: Matt Johnson with  
19 Palmer Engineering. The scope said that  
20 you prefer over the end draining on all the  
21 bridges, but I think the wording says if  
22 that doesn't work with the concurrence of  
23 the project manager we would explore what  
24 we need to explore the use of scuppers on  
25 the decks. How would we determine for

1 purposes of determining whether we're going  
2 to need scuppers on the decks now, should  
3 we assume that if we violate the spread  
4 requirements or the flow off the bridge for  
5 the time being that we will in fact put  
6 scuffers on the bridge --

7 MR. ONDASH: Yes.

8 MR. JOHNSON: -- and the scuffers  
9 would be preferable to say a catch basin?

10 On Snowville Road we've got curb  
11 and gutter, we may need to put a catch  
12 basin at the end of the bridge or scuppers  
13 on the bridge, but would scuffers be  
14 preferable?

15 MR. CALANNI: No. The catch basin  
16 would be, yes.

17 MR. JOHNSON: And what about on  
18 the bridges that are not curbed and  
19 guttered, would we have to install plumes  
20 to the ends of the bridges if they're not  
21 there?

22 MR. CALANNI: Yes.

23 MR. BERGSTROM: Todd Bergstrom  
24 with URS. A follow-up to that, does  
25 preferred mean required?

1 MR. CALANNI: In what context?

2 MR. BERGSTROM: With the scuppers.

3 MR. CALANNI: Scuppers will be  
4 required if you can't get the spread to  
5 work, but the catch basins are required  
6 unless the spread shows they need scuppers  
7 on the structure, so if you have too much  
8 spread on the structure you can't carry it  
9 off the bridge, then you have to go with  
10 the scuppers.

11 MR. BERGSTROM: Or catch basin  
12 right after the bridge.

13 MR. CALANNI: If you can get the  
14 water there without getting spread.

15 MR. BERGSTROM: Can you use  
16 scuppers to take care of the spread,  
17 period, and eliminate any thought of catch  
18 basins off the bridge?

19 MR. CALANNI: I'm not fully  
20 understanding your question.

21 MR. BERGSTROM: Like you said, if  
22 the spread gets too wide and we need to  
23 have scuppers before the end of the bridge,  
24 all right, and in a case like Snowville  
25 Road is a good example, we add scuppers to

1 the bridge, we decrease the spread and then  
2 the next catch basin is down the road a  
3 little ways, well, you know, we don't need  
4 anything else between the scuppers and the  
5 next catch basin.

6 MR. CALANNI: Right.

7 MR. BERGSTROM: The other option  
8 would be instead of having scuppers at the  
9 end of the bridge or in the bridge area,  
10 you just go off the bridge and put a catch  
11 basin and it would do the same thing.

12 MR. CALANNI: If you can get the  
13 catch basin to work just off the structures  
14 that's what's required. Does that answer  
15 your question?

16 MR. BERGSTROM: No.

17 MR. JOHNSON: So we only use  
18 scuppers if they're required to spread on  
19 the bridge? Can you clarify so we know  
20 exactly what you want?

21 MR. HORNING: Greg Horning with  
22 the Ruhlin Company. The question, the  
23 paragraph we're talking about is 14.5 in  
24 the scope.

25 MR. WILLIAMSON: Excuse me. Joel

1 Williamson. Are the minutes of this  
2 meeting going to be in the addendum?

3 MR. HAZAPIS: Yes.

4 MR. WILLIAMSON: Thanks.

5 Greg mentioned one week. This  
6 first job bid's in two weeks, doesn't it,  
7 Greg, and the other one in three weeks? I  
8 mean this is -- we would very much prefer  
9 to have another week if we could and two  
10 weeks would be better. There's a lot of  
11 these details to work out and these ducts  
12 and utilities are going to take some time  
13 and our designers having hot flashes  
14 already, so if we could get a little more  
15 time, I'd prefer that. Is that the  
16 consensus of the group to get a little more  
17 time? Greg, do you have an opinion?

18 MR. HORNING: It depends on what  
19 the addendum says.

20 MR. WILLIAMSON: Okay.

21 MR. HAZAPIS: Were you talking  
22 about both jobs, like they're not selling  
23 at the same time?

24 MR. WILLIAMSON: We prefer that  
25 both jobs not be bid on the same day still,



1 but to get, put them both back, you know,  
2 somewhat would be helpful for us.

3 MR. HAZAPIS: We can look into  
4 that, definitely look at it.

5 MR. WILLIAMSON: Thank you.

6 MR. KING: David King, Perk  
7 Company. Section 10 under the  
8 environmental section, the waterway  
9 permits, they're all not applicable.

10 MR. ONDASH: That sounds correct  
11 since they're all over, all over roadway.

12 MR. KING: Okay. Just a risk of  
13 sounding ignorant, clarify one thing. The  
14 75 days or 77 days is per structure or per  
15 phase, you're doing the whole bridge in 75  
16 days each phase? In essence, you're doing  
17 half the bridge in 32, 33 days and then the  
18 other half in another 32 or 33 days?

19 MR. ONDASH: I believe that was  
20 the intent. Per bridge.

21 MR. KING: Per bridge.

22 MR. ONDASH: Being that it was  
23 already specified there were two bridges  
24 that couldn't be closed at the same time,  
25 each bridge from the time the closure is

1 set up would be when the clock runs on that  
2 particular bridge.

3 MR. KING: Okay.

4 MR. ONDASH: More of a scenario,  
5 once you close it the clock ticks, but you  
6 if you have other work that you can do  
7 prior to closure it doesn't tick until you  
8 set up that zone.

9 MR. HEBEBRAND: As of right now I  
10 don't know if there's going to be any  
11 additional questions. There is some work  
12 on both our end, production and  
13 construction, to get answers your way.  
14 Again, we'll keep it open for a couple more  
15 minutes and if there's anything else, check  
16 your notes and we'll try to answer as best  
17 we can to take under advisement. I will be  
18 working with our court reporter in getting  
19 the notes posted as quickly as possible and  
20 there will be another addenda. We will  
21 look into postponing the date if that's  
22 something that the department chooses to do  
23 for the bid.

24 MR. WILLIAMSON: Jeff, could you  
25 include the sign-in sheet from today also?

1 MR. HEBEBRAND: Yes, we will make  
2 sure that's there.

3 Any additional questions as of  
4 this date?

5 MR. JOHNSON: I've got one  
6 question. Matt Johnson, Palmer  
7 Engineering. In the bid items listed as  
8 the scopes, I think there's a separate item  
9 for professional liability insurance for  
10 the engineering, for the engineering  
11 portion of the team. On previous jobs  
12 we've done there was a specific requirement  
13 in the scope for a project specific policy.  
14 I think in this one it's just for our  
15 regular practice policy, so I'm wondering  
16 is that -- I don't know if you guys run  
17 into that -- is that an item that's needed  
18 on this job?

19 MR. HAZAPIS: We'll have to look  
20 into that one. It's the first I heard  
21 about that. It's a good question.

22 Any additional questions at this  
23 time?

24 Okay. What we will do is close  
25 the meeting as of right now and we'll get

1 the notes posted as quick as we can and  
2 provide an addenda on the site as quickly  
3 as possible. Again, we appreciate your  
4 time and the items that were brought to the  
5 discussion today. Again, our purpose for  
6 this meeting was to assist with the bidding  
7 process. We know that it's not the easiest  
8 process in coming up with a design build,  
9 but hopefully this will definitely make it  
10 easier on all the teams and those that are  
11 bidding.

12 Thank you for attending and we'll  
13 have the items posted to the contract site  
14 as soon as possible.

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C E R T I F I C A T E

I, X. John Revmatas, a Notary Public within and for the State of Ohio, do hereby certify that I attended the foregoing pre-bid meeting in its entirety, that I wrote the same in stenotypy, and that this is a true and correct transcript of my stenotype notes.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office, at Cleveland, Ohio, this \_\_\_\_\_ day of \_\_\_\_\_ A.D. 20\_\_\_\_.

\_\_\_\_\_  
X. John Revmatas, Notary Public, State of Ohio  
1750 Midland Building, Cleveland, Ohio 44115  
My commission expires August 27, 2011

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|  |  |   |  |   |
| <b>1</b>   | <b>able (3)</b><br>6:23;8: 4;14:20                       | <b>awarded (1)</b><br>10:14   | 16:12,21;19: 1, 8,21;<br>20:18,20;24:23  | 19: 1, 3, 9;25: 5;26:24   |
| <b>1 (2)</b><br>3:12,13                              | <b>above (3)</b><br>12:22,24;13: 3                       | <b>away (1)</b><br>10:17  | <b>bring (1)</b><br>15: 3  | <b>closed (1)</b><br>24:24  |
| <b>10 (1)</b><br>24: 7                               | <b>account (2)</b><br>8: 3,12                            | <b>B</b>  | <b>Broadview (2)</b><br>14: 8,10   | <b>closure (2)</b><br>24:25;25: 7                                 |
| <b>11 (3)</b><br>3: 1, 7;4:11                        | <b>acre (1)</b><br>18:22                                 | <b>back (10)</b><br>2:24;4:21;7:17,21;<br>9:12;11: 1;13: 2;15:20,<br>23;24: 1   | <b>brought (1)</b><br>27: 4  | <b>closures (4)</b><br>2: 8;13:25;14:20;19: 2                     |
| <b>13.2 (1)</b><br>4:19                              | <b>active (1)</b><br>6:10                                | <b>backside (1)</b><br>16:24  | <b>build (7)</b><br>5:14,16;6:14;7:23;<br>10:24;18:10;27: 8  | <b>clue (1)</b><br>11:14  |
| <b>14.5 (1)</b><br>22:23                             | <b>actually (3)</b><br>12:13;17: 2, 8                    | <b>barrier (1)</b><br>3: 5  | <b>bump (1)</b><br>16:23   | <b>coarse (1)</b><br>2:15   |
| <b>15.4 (2)</b><br>8:17;9: 1                         | <b>add (2)</b><br>2:11;21:25                             | <b>bars (2)</b><br>16: 6,16   | <b>C</b>   | <b>code (1)</b><br>17:24  |
| <b>2</b>   | <b>addenda (2)</b><br>25:20;27: 2                        | <b>barrier (1)</b><br>3: 5  | <b>CALANNI (24)</b><br>2:25;3: 6;4: 6, 9,20;<br>9:23;10: 5,25;12: 8,14;<br>14:22;16: 5,15;17:14,18,<br>23;20:15,22;21: 1, 3,13,<br>19;22: 6,12                         | <b>Columbus (1)</b><br>16: 7                                      |
| <b>2 (3)</b><br>3:12,16,22                           | <b>addendum (6)</b><br>8: 6, 8;17: 1, 9;23: 2,<br>19     | <b>basically (1)</b><br>14:13   | <b>can (27)</b><br>2:10;3:12;4:18;5:23;<br>7:10;8: 2,9; 5,23;11:10;<br>12: 8;14: 1,19;15: 8,11,<br>11,15;16: 2,15;19: 4;<br>21:13,15;22:12,19;24: 3;<br>25: 6,17;27: 1 | <b>coming (1)</b><br>27: 8  |
| <b>2010 (1)</b><br>2:11                              | <b>additional (4)</b><br>3: 8;25:11;26: 3,22             | <b>basin (8)</b><br>20: 9,12,15;21:11;<br>22: 2, 5,11,13  | <b>care (2)</b><br>12:25;21:16   | <b>communities (1)</b><br>13:20                                   |
| <b>2011 (1)</b><br>2:15                              | <b>address (1)</b><br>8: 4                               | <b>basins (2)</b><br>21: 5,18   | <b>carry (1)</b><br>21: 8  | <b>companies (1)</b><br>6:15                                      |
| <b>26 (3)</b><br>3:23;4: 5;13:14                     | <b>advisement (1)</b><br>25:17                           | <b>beam (2)</b><br>12:23,24   | <b>case (1)</b><br>21:24   | <b>Company (7)</b><br>2: 2;7:20;11: 4;13:18;<br>16:20;22:22;24: 7 |
| <b>28 (1)</b><br>13:13                               | <b>aesthetic (1)</b><br>16:21                            | <b>beams (1)</b><br>10: 8   | <b>cases (1)</b><br>13: 9  | <b>complete (3)</b><br>2:15,19;15: 7                              |
| <b>3</b>   | <b>aesthetics (1)</b><br>17: 3                           | <b>below (2)</b><br>2:12,15   | <b>catch (10)</b><br>20: 9,11,15;21: 5,11,<br>17;22: 2, 5,10,13  | <b>completed (2)</b><br>2:13;14:18                                |
| <b>30 (2)</b><br>14:17;15:11                         | <b>again (6)</b><br>5:13;11: 4;18: 6;<br>25:14;27: 3, 5  | <b>BERGSTROM (13)</b><br>10:10,11;11: 2;16:10,<br>18;20:23,23;21: 2,11,15,<br>21;22: 7,16   | <b>central (2)</b><br>8: 9;11:18   | <b>completely (1)</b><br>14:15                                    |
| <b>32 (2)</b><br>24:17,18                            | <b>ago (1)</b><br>7: 3                                   | <b>best (2)</b><br>9:17;25:16   | <b>cetera (1)</b><br>2: 9  | <b>compressed (1)</b><br>6:13                                     |
| <b>33 (2)</b><br>24:17,18                            | <b>ahead (1)</b><br>10:23                                | <b>better (1)</b><br>23:10  | <b>change (3)</b><br>7: 3;8:12;11:19   | <b>conceptual (4)</b><br>11: 6,13,17,20                           |
| <b>7</b>   | <b>analysis (7)</b><br>10:13;16: 4, 6,16;<br>18: 4, 5,12 | <b>bid (7)</b><br>6:13,16;11: 5;15:19;<br>23:25;25:23;26: 7   | <b>changed (3)</b><br>8: 2;11:11,23  | <b>Concrete (6)</b><br>9: 4;14:17;17:20,21,<br>22;18: 1           |
| <b>7:00 (1)</b><br>14: 5                             | <b>anticipate (1)</b><br>9:10                            | <b>bidding (2)</b><br>27: 6,11  | <b>check (3)</b><br>5:13;17:25;25:15   | <b>concurrency (1)</b><br>19:22                                   |
| <b>75 (2)</b><br>24:14,15                            | <b>applicable (1)</b><br>24: 9                           | <b>bid's (1)</b><br>23: 6   | <b>checked (3)</b><br>8:25;9: 2;18: 7  | <b>CONLEY (4)</b><br>9:11,16;14: 8;17: 1                          |
| <b>76 (1)</b><br>15:10                               | <b>appreciate (1)</b><br>27: 3                           | <b>big (1)</b><br>6:19  | <b>Chestnut (3)</b><br>2:21;3:23;12:17   | <b>consensus (1)</b><br>23:16                                     |
| <b>77 (6)</b><br>2: 3;14:13,19;15: 9;<br>17: 5;24:14 | <b>approach (5)</b><br>12: 9,10,12,15;17:12              | <b>both (5)</b><br>19:10;23:22,25;24: 1;<br>25:12   | <b>chooses (1)</b><br>25:22  | <b>construction (2)</b><br>14:25;25:13                            |
| <b>9</b>   | <b>area (3)</b><br>18:13,21;22: 9                        | <b>Brecksville (3)</b><br>7: 4, 7;14: 6   | <b>clarify (3)</b><br>12:20;22:19;24:13  | <b>contacting (1)</b><br>7:11                                     |
| <b>9:00 (1)</b><br>14: 5                             | <b>asbestos (4)</b><br>3:11,14;7:21;8: 1                 | <b>bridal (1)</b><br>7:12   | <b>clock (2)</b><br>8:24   | <b>contacts (2)</b><br>4:24;5: 2                                  |
| <b>90 (1)</b><br>2:18                                | <b>ASD (1)</b><br>9:24                                   | <b>bridge (28)</b><br>6: 1;8:18;9: 7;11:12;<br>12: 3;14:15;15: 6;17: 5;<br>19: 3;20: 4, 6,12,13;<br>21: 9,12,18,23;22: 1, 9,<br>9,10,19;24:15,17,20,21,<br>25;25: 2 | <b>close (5)</b>   | <b>context (1)</b><br>21: 1                                       |
| <b>95 (1)</b><br>2:18                                | <b>as-per-plan (1)</b><br>18: 2                          | <b>bridges (13)</b><br>6: 3, 6;9: 5,14;10:16;   |  | <b>contingency (1)</b><br>15:16                                   |
| <b>A</b>   | <b>asphalt (2)</b><br>2:13,16                            |   |  | <b>continue (1)</b><br>7:10                                       |
| <b>abatement (1)</b><br>3:15                         | <b>assist (1)</b><br>27: 6                               |   |  | <b>contract (1)</b><br>27:13                                      |
|  | <b>assume (1)</b><br>20: 3                               |   |  | <b>contractor (2)</b><br>7:23;15:17                               |
|  | <b>attending (1)</b><br>27:12                            |   |  | <b>control (1)</b><br>18:16                                       |
|  |  |   |  | <b>coordinator (1)</b><br>3:18                                    |

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|--|--|---|--|--|
| <p><b>couple (3)</b><br/>2: 2;7:20;25:14</p> <p><b>court (1)</b><br/>25:18</p> <p><b>creates (1)</b><br/>13:10</p> <p><b>curb (10)</b><br/>2:22;3:22,23;4: 4, 4;<br/>13:13,14,15,15;20:10</p> <p><b>curbed (1)</b><br/>20:18</p> <p><b>current (1)</b><br/>17:14</p> <p><b>currently (1)</b><br/>9:15</p>  | <p><b>details (2)</b><br/>7:12;23:11</p> <p><b>determine (2)</b><br/>15:17;19:25</p> <p><b>determining (1)</b><br/>20: 1</p> <p><b>dimension (2)</b><br/>3:23;4: 5</p> <p><b>dimensioned (1)</b><br/>17: 8</p> <p><b>direction (2)</b><br/>6:18;10:21</p> <p><b>discussion (1)</b><br/>27: 5</p> <p><b>disposal (1)</b><br/>7:24</p> <p><b>district (1)</b><br/>3:18</p> <p><b>disturbed (2)</b><br/>18:13,21</p> <p><b>documents (2)</b><br/>11:20;18: 2</p> <p><b>done (3)</b><br/>3:13;15: 9;26:12</p> <p><b>double-check (3)</b><br/>18:18,19,20</p> <p><b>double-checking (1)</b><br/>3: 9</p> <p><b>doweled (1)</b><br/>2:23</p> <p><b>down (4)</b><br/>2:12,14;14:14;22: 2</p> <p><b>draining (1)</b><br/>19:20</p> <p><b>drawing (3)</b><br/>17: 3,15,17</p> <p><b>drawings (6)</b><br/>6:21,24;7: 2;11: 6,13,<br/>17</p> <p><b>drilled (1)</b><br/>2:23</p> <p><b>ducts (7)</b><br/>6: 1, 2, 3, 7, 9,19;23:11</p> | <p>21:23;22: 9;25:12</p> <p><b>ends (2)</b><br/>6:19;20:20</p> <p><b>Engineering (5)</b><br/>12:20;19:19;26: 7,10,<br/>10</p> <p><b>enough (1)</b><br/>19: 1</p> <p><b>environmental (1)</b><br/>24: 8</p> <p><b>erosion (1)</b><br/>18:16</p> <p><b>error (1)</b><br/>8:24</p> <p><b>essence (1)</b><br/>24:16</p> <p><b>esthetic (1)</b><br/>16:22</p> <p><b>et (1)</b><br/>2: 9</p> <p><b>everywhere (1)</b><br/>8:22</p> <p><b>exactly (1)</b><br/>22:20</p> <p><b>example (2)</b><br/>13:12;21:25</p> <p><b>Excuse (1)</b><br/>22:25</p> <p><b>existing (10)</b><br/>2:22;5:21,22;6:21,24;<br/>7:14,15;12: 4,11;13: 8</p> <p><b>expansion (2)</b><br/>9: 8, 8</p> <p><b>explore (2)</b><br/>19:23,24</p> | <p><b>five (1)</b><br/>12: 4</p> <p><b>flashes (1)</b><br/>23:13</p> <p><b>floodplain (2)</b><br/>18: 4, 5</p> <p><b>flow (1)</b><br/>20: 4</p> <p><b>follow (1)</b><br/>5:23</p> <p><b>following (1)</b><br/>4:25</p> <p><b>follow-up (5)</b><br/>10:11,12;13: 6;16: 1;<br/>20:24</p> <p><b>foot (5)</b><br/>3: 1, 7;4:11;11:11;<br/>12: 5</p> <p><b>footage (1)</b><br/>11:24</p> <p><b>force (2)</b><br/>8: 3,12</p> <p><b>form (2)</b><br/>11: 5;16:22</p> <p><b>four (1)</b><br/>12: 5</p> <p><b>fully (1)</b><br/>21:19</p>                                | <p>6: 2;24:17,18</p> <p><b>hanging (1)</b><br/>12:13</p> <p><b>hard (2)</b><br/>4: 2;11: 7</p> <p><b>haul (2)</b><br/>15:15,18</p> <p><b>HAZAPIS (10)</b><br/>4:12,18;8:11;15:22;<br/>18:11,17;23: 3,21;24: 3;<br/>26:19</p> <p><b>heard (1)</b><br/>26:20</p> <p><b>hearing (1)</b><br/>4: 2</p> <p><b>HEBEBRAND (7)</b><br/>2:10;14: 4,24;15: 5,<br/>13;25: 9;26: 1</p> <p><b>Heights (2)</b><br/>14: 9,11</p> <p><b>help (3)</b><br/>10:18;16:13,13</p> <p><b>helpful (4)</b><br/>6:17;16: 7,17;24: 2</p> <p><b>HERCEG (5)</b><br/>12:17;14:10;19: 5,12,<br/>14</p> <p><b>hope (1)</b><br/>5:11</p> <p><b>hopefully (1)</b><br/>27: 9</p> <p><b>Hope (27)</b><br/>7:19,19;8: 7,15;9: 1, 4,<br/>14,20;10: 1;11: 3, 3,22;<br/>12: 2,10,16,18;13: 1,17,<br/>17;14:12;15: 2, 8;16:19,<br/>19;22:21,21;23:18</p> <p><b>hot (1)</b><br/>23:13</p> <p><b>HP (1)</b><br/>18: 1</p> <p><b>HS20 (3)</b><br/>10: 2, 3,18</p> |
| <b>D</b>   |  |   |  |  |
| <p><b>DAR (14)</b><br/>3:16,21;4: 3, 8,16;<br/>5:20;7: 4;8: 5, 9;11:16,<br/>25;15:20,23;18:21</p> <p><b>date (2)</b><br/>25:21;26: 4</p> <p><b>Dave (1)</b><br/>2: 1</p> <p><b>David (1)</b><br/>24: 6</p> <p><b>day (3)</b><br/>14:19;15:10;23:25</p> <p><b>days (9)</b><br/>14:13,17;15: 9,11;<br/>24:14,14,16,17,18</p> <p><b>deck (2)</b><br/>4:13;9: 7</p> <p><b>decks (2)</b><br/>19:25;20: 2</p> <p><b>decrease (1)</b><br/>22: 1</p> <p><b>define (1)</b><br/>9: 5</p> <p><b>definitely (2)</b><br/>24: 4;27: 9</p> <p><b>department (2)</b><br/>15:16;25:22</p> <p><b>depending (1)</b><br/>16:14</p> <p><b>depends (2)</b><br/>16:11;23:18</p> <p><b>description (1)</b><br/>11:19</p> <p><b>design (11)</b><br/>5:14,16;6:14;7:23;<br/>9:20;10: 2,22,24;15: 1;<br/>18:10;27: 8</p> <p><b>designed (1)</b><br/>10:17</p> <p><b>designers (1)</b><br/>23:13</p> <p><b>detail (1)</b><br/>10:13</p> <p><b>detailed (1)</b><br/>17: 8</p> | <p><b>earth (2)</b><br/>18:13,21</p> <p><b>earthwork (1)</b><br/>18: 9</p> <p><b>easier (1)</b><br/>27:10</p> <p><b>easiest (1)</b><br/>27: 7</p> <p><b>either (1)</b><br/>11:14</p> <p><b>eliminate (1)</b><br/>21:17</p> <p><b>else (8)</b><br/>6:25;7:25;13:20,22,<br/>24;16:23;22: 4;25:15</p> <p><b>end (7)</b><br/>2:11,13;19:20;20:12;</p>  | <p style="text-align: center;"><b>F</b></p> <p><b>face (4)</b><br/>13:13,13,15,15</p> <p><b>facilities (1)</b><br/>5: 1</p> <p><b>fact (1)</b><br/>20: 5</p> <p><b>fair (3)</b><br/>8:15;11: 9,12</p> <p><b>far (3)</b><br/>5: 2;15: 4;17:20</p> <p><b>feet (5)</b><br/>3:23;4: 5;12: 4;13:13,<br/>15</p> <p><b>fence (3)</b><br/>2:23;3:25;17: 6</p> <p><b>files (1)</b><br/>16:16</p> <p><b>final (1)</b><br/>4:13</p> <p><b>find (3)</b><br/>4:18;6:23;13:21</p> <p><b>fine (1)</b><br/>15: 2</p> <p><b>first (2)</b><br/>23: 6;26:20</p>  | <p style="text-align: center;"><b>G</b></p> <p><b>Generally (1)</b><br/>14: 4</p> <p><b>gets (1)</b><br/>21:22</p> <p><b>good (3)</b><br/>16:12;21:25;26:21</p> <p><b>gravel (2)</b><br/>7:16,17</p> <p><b>Greg (9)</b><br/>7:19;11: 3;13:17;<br/>14:24;16:19;22:21;<br/>23: 5, 7,17</p> <p><b>Greg's (1)</b><br/>13: 6</p> <p><b>group (1)</b><br/>23:16</p> <p><b>guess (3)</b><br/>8: 9;15:18;16:10</p> <p><b>guesstimate (1)</b><br/>2:18</p> <p><b>gutter (1)</b><br/>20:11</p> <p><b>guttered (1)</b><br/>20:19</p> <p><b>guys (2)</b><br/>16: 8;26:16</p> | <p style="text-align: center;"><b>I</b></p> <p><b>I-77 (1)</b><br/>2:11</p> <p><b>idea (2)</b><br/>2: 4;14: 1</p> <p><b>identified (1)</b><br/>5: 9</p> <p><b>identify (2)</b><br/>5:15,17</p> <p><b>ignorant (1)</b><br/>24:13</p> <p><b>imagine (1)</b><br/>5:11</p> <p><b>impossible (2)</b><br/>7:25;13:19</p> <p><b>include (2)</b><br/>3: 3;25:25</p> <p><b>included (1)</b></p>   |
|  |  |   | <p style="text-align: center;"><b>H</b></p> <p><b>H15 (1)</b><br/>10:17</p> <p><b>half (3)</b></p>   |  |

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