McCall, Betsy D

From: Spradley, Freedom
Sent: Wednesday, August 7, 2019 3:02 PM
To: Harmon, Jeremiah
Cc: Snelling, Trey
Subject: RE: I95 MM0-18 FR Scoping Meeting

Jeremy,
I had Deb take a look at what it would take to replace bridges off alignment (to the outside) on I-95 northbound between MM 0 – 18. She worked up a rough relocation based on a 75 mph design speed, 65' offset (would accommodate future 4-lane structure + 5' offset from existing), and 6-lane divided roadway section. The relocation starts at the GA bridge on the south side of the Savannah River and runs north nearly 5 miles before tying back into an existing tangent replacing the first 4 sets of bridges off alignment heading towards Hardeeville. We tried tying to the tangent in front the rest area around MM 3 but it was putting superelevation transition on the railroad bridge so we paralleled the tangent a bit before transitioning back in around MM 5. There's much greater geometric criteria for freeways than what we typically use on primary and secondary routes. We have to work with the existing curves in the mainline between Savannah River and Hardeeville making it impossible to tie back to existing between these bridges. There's a couple other sets of bridges on the north end of the project in tangent sections and it takes approximately one mile to shift off alignment and tie-back in at those locations. Even with the long approaches, we are consistently not meeting the minimum curve length ($30V_D$=30x75=2250') nor 750' tangent between reversing curves due to the minor shift and close proximity of curves to bridges. I haven't experienced relocations on the interstate before so I'm not sure what that would mean in regards to Roadway Support & FHWA concurrence. We haven't verified RW but I would anticipate additional RW being needed the full length of each relocation. It also appears to be all swamp (jurisdictional wetlands) between the GA state line and MM 3 so there would be very significant wetland impacts associated with these relocations. The relocation carries to approximately MM 5 so the overpass at Purrysburg Rd (Future Exit 3) would have to be replaced.

You can review the relocations here: Q:\RPG-Shares\RPG1_LowCountry\I-95 MM0-18 Feasibility Data\Reloc_I-95_MM0-18.dgn

Considering the Department hasn't experienced any permanent relocations of the interstates to accommodate mainline bridge replacements before, I'd be curious at how the impacts would be justified during the NEPA process.

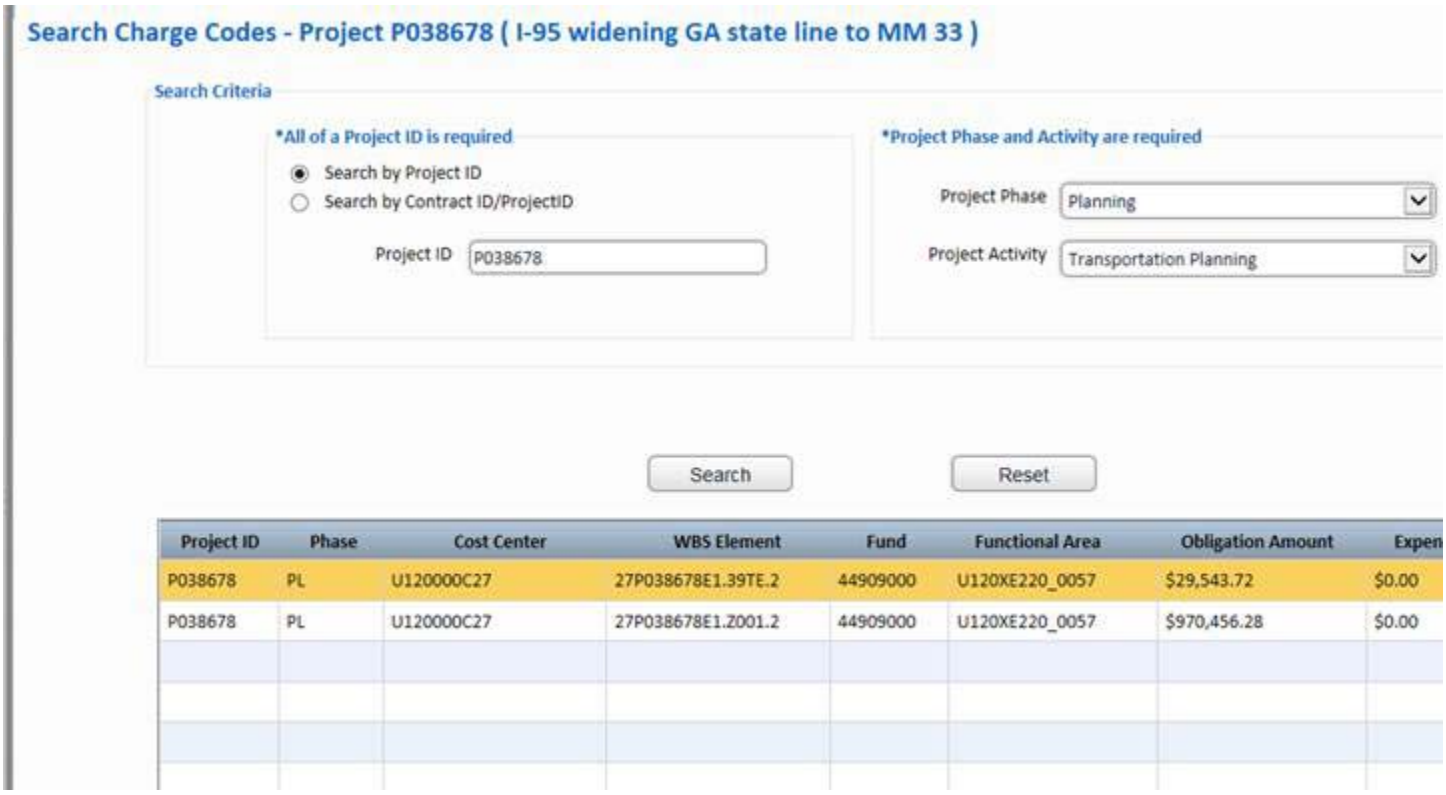
It's my understanding that the scope has already been modified on the I-95 at S-46 bridges to replace these two structures on existing alignment. I'm not familiar if the scope has been revised on the I-95 at Bagshaw project to replace both bridges instead of one. The replacement bridge at Bagshaw was also on alignment the last I heard. We would need to coordinate design from those projects with the relocation if that's the recommended path forward.

Please advise if we need to work up realignment for the southbound direction. If so, which way are we shifting and is the 65' offset acceptable?

M. Freedom Spradley, P.E.
Roadway Team Lead
SCDOT Lowcountry RPG 1
(803) 737-1248

From: Harmon, Jeremiah
Sent: Tuesday, August 06, 2019 10:15 AM

To: Spradley, Freedom <SpradleyMF@scdot.org>
Subject: FW: I95 MM0-18 FR Scoping Meeting



Project ID	Phase	Cost Center	WBS Element	Fund	Functional Area	Obligation Amount	Expen
P038678	PL	U120000C27	27P038678E1.39TE.2	44909000	U120XE220_0057	$29,543.72	$0.00
P038678	PL	U120000C27	27P038678E1.Z001.2	44909000	U120XE220_0057	$970,456.28	$0.00

JRH

From: McCall, Betsy D
Sent: Friday, June 14, 2019 4:05 PM
To: Harmon, Jeremiah; Winn, Craig L.; Hinson, Ron E; Taylor, Eugene A.; Thomas, Emily G.; Kelly, David P.; Beckham, Chris; Turner, Michael K.; Hadsock, Hugh S.; Kelly, Christopher S.; Scott, Katherine D.; Lackey, Diane M.; Mmanu-ike, Johnny K; Grate, LaToya E.; Thompson Jr, Jesse U.; Pleasant, Mark (FHWA); Fowler, James E; Penney, Theresa M.; Spradley, Freedom; Galagedera, Lalith; Worthy, Lorenzo R; Necker, Jennifer L.
Subject: RE: I95 MM0-18 FR Scoping Meeting

All,

The meeting for this project will be held on June 26. We are within 2 weeks of the date!! Please look through the information on PW before the meeting. If you have not uploaded your data, please do so early next week to give everyone time to review it.

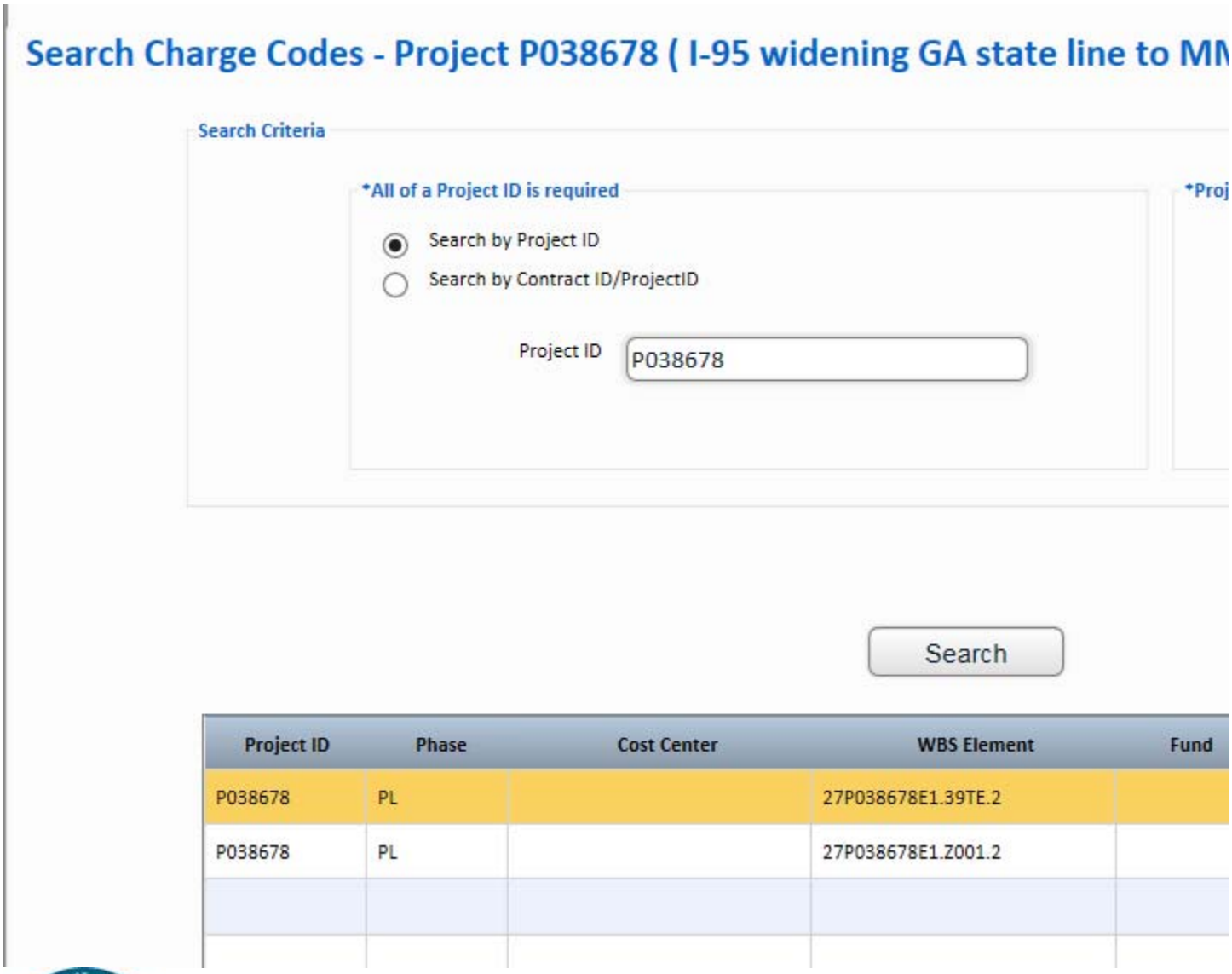
There has been a glitch with the charge codes. Below is the charge code tab from P2S. When the system does release the SCIES charge code, please us the top code that only has $29k in it first.

I am on vacation next week and will not be checking on the charge code while looking at the campfire. If you know how to use the SCEIS calculator you can. I have been told that the SCIES codes should become active early next week. The kicker is someone has to run the calculator to get the codes. Then that someone has to charge to it to populate the codes in P2S for everyone else to use.

I will be checking email next week so let me know if you have any questions.

Thanks,

Betsy



Safety 1st – Live By It!
Let 'em Work, Let 'em Live!

From: McCall, Betsy D
Sent: Wednesday, May 15, 2019 2:48 PM
To: Harmon, Jeremy (HarmonJR@scdot.org) <HarmonJR@scdot.org>; Winn, Craig L. <WinnCL@scdot.org>; Hinson, Ron E <HinsonRE@scdot.org>; Taylor, Eugene A. <TaylorEA@scdot.org>; Thomas, Emily G. <ThomasEG@scdot.org>; Kelly, David P. <KellyDP@scdot.org>; Beckham, Chris <BeckhamJC@scdot.org>; Turner, Michael K. <TurnerMK@scdot.org>; Hadsock, Hugh S. <HadsockHS@scdot.org>; Kelly, Christopher S. <KellyCS@scdot.org>; Scott, Katherine D. <ScottKD@scdot.org>; Lackey, Diane M. <LackeyDM@scdot.org>; Mmanu-ike, Johnny K <MmanuikeJK@scdot.org>; Grate, LaToya E. (GrateLE@scdot.org) <GrateLE@scdot.org>; Thompson Jr, Jesse U. <ThompsonJU@scdot.org>; Pleasant, Mark (FHWA) <mark.pleasant@dot.gov>; Fowler, James E <FowlerJE@scdot.org>; Penney, Theresa M.

<PenneyTM@scdot.org>; Spradley, Freedom (SpradleyMF@scdot.org) <SpradleyMF@scdot.org>; Galagedera, Lalith <GalagederaNL@scdot.org>; Worthy, Lorenzo R (WorthyLR@scdot.org) <WorthyLR@scdot.org>; Necker, Jennifer L. <NeckerJL@scdot.org>
Subject: I95 MM0-18 FR Scoping Meeting

All,

With the dates for this meeting being changed and the fact that when people are forwarded the request they show us as optional, I felt I needed to email the team and those who have expressed interest in attending this meeting and explain a few things.

First, the original plan was to send the meeting request to the point of contact for each group. That person would forward the invite to those that they want to attend. Most of the group contacts are not choosing to attend. When this happed the cc'd person was listed as optional. This has caused some confusion in some groups as to who should attend.

Second, building on the first issue above, the invite list becomes very long between the group contacts and all of those being cc'd the invitation. Those group contacts that are not attending are getting unnecessary emails when I move the date.

In the future I will ask the group contacts for the list of people to invite to the meetings. Live and learn.

All of you receiving this email is a member of the PDT and are a required participant *except* those named below (see PDT attached). I understand that the following names have been asked to attend by your group, but if you are listed below you are not a voting member of the PDT. Please let me know if you want others invited to the meetings.

Emily Thomas
Jamie Fowler
Theresa Penney
Freedom Spradley
Lalith Galagedera
Lorenzo Worthy
Jennifer Necker

Ron Hinson, I understand that you may send someone in your place. Let me know if that happens and I will update the PDT list.

Sorry for any confusion. I am trying to rectify some scheduling issues on the first few projects and alleviate the scheduling issues for the next ones. Thanks for your patience and understanding.

Thanks,
Betsy