

VandenBerghe, Alissa (Consultant)

From: Kirby, Stephanie (Consultant)
Sent: Monday, March 09, 2009 8:48 AM
To: Williamson, Alec
Subject: FW: Portal at Teatro Zinzanni site
Follow Up Flag: Follow up
Flag Status: Red

fyi

From: Bandy, Mark
Sent: Friday, March 06, 2009 11:30 AM
To: Kirby, Stephanie (Consultant)
Subject: FW: Portal at Teatro Zinzanni site

fyi - note John's comment about retaining the various work efforts in case we need to pull something together at a later date.

And thanks for helping lead the team charge on the whole north portal. Discussion with Dye, et al went well. Steps ahead for north portal I think are some cross-sections and pulling materials together for stakeholder discussion but hold off on that until we hear back from the city and I get a clearer picture of the schedule for stakeholder discussions.

One thing that we can work on is revising the Harrison and Republican profiles to smooth out the northbound 99 alignment and develop the northbound exit lane to Republican. If you haven't started Refat on that, please do and we can check in next week.

Mark

From: White, John
Sent: Friday, March 06, 2009 11:19 AM
To: Bandy, Mark
Cc: Williamson, Alec
Subject: RE: Portal at Teatro Zinzanni site

Nope, please extend thanks to all for the back-up. I think the team should keep track of any work they have done, in case we have to speak to this concept in the future.

John

From: Bandy, Mark
Sent: Friday, March 06, 2009 11:16 AM
To: White, John
Cc: Williamson, Alec
Subject: FW: Portal at Teatro Zinzanni site

Hi John,

A sketch level look by PB at possibly having bored tunnel ramp access to/from Denny has been done as you've

requested. As you can see in Stephanie Kirby's brief recap below, ramps would be in excess of 20% grades with an assumption of designing them with 15mph design speed (I'm sure that was for the vertical curve as you tie into Denny). Add to that my list of issues sent previously (and copied below) and I don't see this penciling out in any way. Agreed? Anything else you need on this?

Mark

List of issues I mentioned earlier in the week:

Not sure I see how to keep 99 open for most of the construction.

Would put a lot of pressure on Denny and surrounding grid since it would be serving trips from the tunnel as well as north Aurora.

Would think the right of way and construction staging issues are more difficult south of Denny.

Would see lots of street improvements in our future due to new traffic additions - at least some will argue that.

From: Kirby, Stephanie (Consultant)

Sent: Friday, March 06, 2009 8:56 AM

To: Bandy, Mark; Williamson, Alec

Cc: Clark, Gordon T. (Consultant); Phelps, Don (Consultant); Rodenbough, Ben P. (Consultant)

Subject: Portal at Teatro Zinzanni site

Mark/Alec

Francois has done some preliminary work ups on connection to Denny from portaling at the Teatro site (per John's request). He found the following:

The ramps with vertical curves designed for about 15 MPH and a slope of 22.5% we could do it vertically from the tunnel portal to Denny Way.

In such a restricted space, I do not believe possible to separate horizontally. (therefore the unbraiding would not happen until north of Denny)

Let me know if there is any further action

Stephanie