

From: Zaglama, Magued
Required Attendees: Van Overberghe, Ken; Pioli, Christopher; Hayes, Philip M; Giesler, David D
Location: _IL CHI Aon 16N-2
Importance: Normal
Subject: Cost Forecast and new model
Start Date/Time: Thur 8/21/2014 4:30:00 PM
End Date/Time: Thur 8/21/2014 5:30:00 PM
Recurrence Pattern: None

To: Vojvodic, Vladimir[VVojvodic@integrysgroup.com]; 'Pioli, Christopher'[Christopher.Pioli@jacobs.com]; Mosar, Richard L[RLMosar@integrysgroup.com]
Cc: Santiago, Juan F[JFSantiago@integrysgroup.com]; Van Overberghe, Ken[KVanOverberghe@peoplesgasdelivery.com]; Thorne, John[John.Thorne@jacobs.com]
From: Stall, Eric R
Sent: Mon 10/13/2014 9:50:24 PM
Subject: RE: Long Range Planning Model - Data
Received: Mon 10/13/2014 9:50:25 PM



Chris,

Vlad, Juan and I were able to meet briefly about this request:

- Permits – Vlad will be able to pull blocks and intersection counts on a neighborhood basis.
- Double Decking – If you could explain a little more in detail as to what you will be using this information for it may help us in pulling the data. As it stands right now there is no good data representation to the amount of proposed double decked main on a per block basis.
- Deep Shoring Locations – We have to look further into this. We will analyze the data output to see if it is a good representation before passing this information along.
- IDOT Permits - This data may be able to be pulled but it will be dependent on some external feedback.

We will keep you updated as this information becomes available.

Thanks,

Eric Stall

DEV Senior Engineer | Gas Engineering | Integrys Business Support, LLC

312-240-7394 office

312-800-3543 cell

ERStall@integrysgroup.com

From: Vojvodic, Vladimir
Sent: Monday, October 13, 2014 10:59 AM
To: 'Pioli, Christopher'; Stall, Eric R; Mosar, Richard L
Cc: Santiago, Juan F; Van Overberghe, Ken; Thorne, John
Subject: RE: Long Range Planning Model - Data

I can pull blocks and intersections count.

We really don't have tracking mechanism for double decking. Having said that, I can provide rough estimate based on spatial analysis that I can perform.

Let me talk to Eric about Shoring and IDOT Permits (I don't have metadata for Streets, so I am unable to confirm what is the

RSPV_002064

purpose of Alias_Name fird – source for this one is actually Cook County not the City...)

I can provide permits and double decking numbers by Friday.

\vladimir

From: Pioli, Christopher [mailto:Christopher.Pioli@jacobs.com]

Sent: Monday, October 13, 2014 10:39 AM

To: Stall, Eric R; Vojvodic, Vladimir; Mosar, Richard L

Cc: Santiago, Juan F; Van Overberghe, Ken; Thorne, John

Subject: Long Range Planning Model - Data

Eric,

As we discussed on Thursday, there are several factors we are looking into for the Model and would like to know whether the data for these factors are available from existing databases/GIS. Please give John or me a call if you would like to discuss these further or need additional clarification.

- Factor – Permits
 - Data – Number of Blocks in a Neighborhood
 - Data – Number of Intersections in a Neighborhood
- Factor – Double Decking
 - Data – Length of Streets with existing mains that can accommodate relocating mains behind the curb. One proxy for this might be the length of business district leak survey to the total length of mains by neighborhood. The reasoning being business districts may tend to be wall to wall hard surface.
- Factor – Deep Shoring Locations
 - Data – Number of Deep Shoring sites per neighborhood. Looking for large-diameter mains ≥ 12 " that exceed 5" depth of cover (confirm this depth requires a deep shoring review by city), crossing large-diameter water/sewer mains. One indicator of such locations may be a record of offset fittings such as a 45.
- Factor – IDOT Permits
 - Data – length of mains located in IDOT designated streets. The "ChicagoStreets_Wards_Neighborhoods_AMRP" Table contains a field "Alias_Name" that identifies a number of IDOT roads like I 90 and I 43, but is this a complete list.

Please confirm whether this data can be provided. Would you be able to provide this data by the end of this week?

Thanks for your assistance.... Chris

Christopher A. Pioli | Jacobs | Consultancy, Director, Utilities Practice | +1.818.303.1726 (O) | +1.847.778.5755 (M) | 5995
Rogerdale Road, Houston TX 77072 | christopher.pioli@jacobs.com | www.Jacobs.com

"All that we are, is the result of what we have thought."

"Open your arms to change, but don't let go of your values."

"Do not speak, unless it improves on silence."

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.