

Chad Monterichard

From: Chad Monterichard
Sent: Wednesday, July 28, 2010 1:36 PM
To: Nicholas Nguyen
Subject: Re: The two Tib camera poles

At the time it had been the 12th of Aug, but I could use a little more time than that. I'm hoping the schedule changes related to the poles end up giving me a little more time. Could you let me know what you hear from kh? Thanks,
Chad

On Jul 28, 2010, at 1:22 PM, "Nicholas Nguyen" <nnguyen@ci.tiburon.ca.us> wrote:

> The last I heard was in our Pre-Con meeting in which you were there.
>
> I had asked KH yesterday to provide me with an update on the schedule.
>
> Nick
>
> Nicholas T. Nguyen, P.E.
> Director of Public Works/Town Engineer
> Town of Tiburon
> 415-435-7388
> www.ci.tiburon.ca.us
>
>
> -----Original Message-----
> From: Chad Monterichard
> Sent: Wednesday, July 28, 2010 12:19 PM
> To: Nicholas Nguyen
> Subject: RE: The two Tib camera poles
>
> Hi, Nick. Do we know when PIPS is currently scheduled to come out for
> the camera calibration with Republic Electric? Depending on when it is,
> I may need to push it out toward late this month.
>
>
> -----Original Message-----
> From: Nicholas Nguyen
> Sent: Tuesday, July 27, 2010 1:49 PM
> To: 'Kevin.Aguigui@kimley-horn.com'; Chad Monterichard;
> ryan.dole@kimley-horn.com
> Cc: Michael Cronin; rvignola@republicits.com
> Subject: RE: The two Tib camera poles
>
> Hi Kevin,
>
> I hope all is well.
>
> Can you discuss with Randy at Republic and review the project as it
> currently stands, and provide me with a revise project schedule for all
> of us track with?
>
> Many thanks! Nick
>
> Nicholas T. Nguyen, P.E.
> Director of Public Works/Town Engineer
> Town of Tiburon
> 415-435-7388
> www.ci.tiburon.ca.us
>
>
> -----Original Message-----

> From: Kevin.Aguigui@kimley-horn.com
> [mailto:Kevin.Aguigui@kimley-horn.com]
> Sent: Tuesday, July 27, 2010 1:40 PM
> To: Nicholas Nguyen; Chad Monterichard; ryan.dole@kimley-horn.com
> Cc: jatkenson@federalsignal.com
> Subject: RE: The two Tib camera poles
>
> It can be done several different ways. I just had a conversation with
> John at PIPS. It's a simple install and the contractor can install the
> power strips at the direction of PIPS when they're both on-site.
> Alternatively, the Town can install it, but it should be at the
> direction of PIPS.
>
> Anyone can supply the power strips, so I just asked the contractor to
> provide a quote in case we wanted them to supply it.
>
> John, is PIPS able to supply the power strips?
>
> Thanks,
> Kevin
>
>
> Kevin Aguigui, PE, CSEP
> Kimley-Horn and Associates
> 555 12th Street, Suite 1230
> Oakland, CA 94607
> 510-393-6232 cell
> 510-625-0712 office
> 510-625-0714 fax
> kevin.aguigui@kimley-horn.com
>
>
> -----Original Message-----
> From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]
> Sent: Tuesday, July 27, 2010 1:25 PM
> To: Chad Monterichard; Aguigui, Kevin; Dole, Ryan
> Cc: jatkenson@federalsignal.com
> Subject: RE: The two Tib camera poles
>
> If they're providing a quote for the power strip, but won't install it
> into the PIPS boxes, then how would that help us? We can do it ourselves
> or will PIPS do that? Why won't PIPS just provide the power strip to us?
>
> Nick
>
> Nicholas T. Nguyen, P.E.
> Director of Public Works/Town Engineer
> Town of Tiburon
> 415-435-7388
> www.ci.tiburon.ca.us
>
>
> -----Original Message-----
> From: Chad Monterichard
> Sent: Tuesday, July 27, 2010 1:02 PM
> To: 'Kevin.Aguigui@kimley-horn.com'; Nicholas Nguyen;
> ryan.dole@kimley-horn.com
> Cc: jatkenson@federalsignal.com
> Subject: RE: The two Tib camera poles
>
> Hi Kevin,
>
> Thanks for doing this. Part of the request is to also have the power
> disconnect switches easily accessible without the need for a bucket
> truck. If they're at ground level I'd be able to quickly do it myself as
> opposed to having to ask our Public Works guys to do it. What would be
> the height of the switch on the Paradise and Tib Blvd poles?

>
> Two AC power strips instead of three should be fine as long as it's one
> per pole. Thanks again.
> Chad
>
>
> -----Original Message-----
> From: Kevin.Aguigui@kimley-horn.com
> [mailto:Kevin.Aguigui@kimley-horn.com]
> Sent: Tuesday, July 27, 2010 12:24 PM
> To: Chad Monterichard; Nicholas Nguyen; ryan.dole@kimley-horn.com
> Cc: jatkinson@federalsignal.com
> Subject: RE: The two Tib camera poles
>
> Hi Chad and Nick:
>
> The contractor will provide a quote for a power disconnect switch in a
> NEMA rated cabinet. This is only needed at the Tiburon Blvd. location
> since the Paradise location will have a disconnect switch per the plans.
> This issue has come up since the Type III service was removed and now
> leaves a gap in the ability to shut down power for servicing and
> maintenance. I recommend it be installed on the utility pole, but it
> can also be installed on the median pole.
>
> The contractor will also provide a quote to supply two power strips.
> These power strips should be and installed by PIPS since the contractor
> is not responsible for the PIPS enclosures or equipment.
>
> I should receive the quotes tomorrow and will forward to both of you
> when I receive it.
>
> Thanks,
> Kevin
>
>
> Kevin Aguigui, PE, CSEP
> Kimley-Horn and Associates
> 555 12th Street, Suite 1230
> Oakland, CA 94607
> 510-393-6232 cell
> 510-625-0712 office
> 510-625-0714 fax
> kevin.aguigui@kimley-horn.com
>
> -----Original Message-----
> From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
> Sent: Tuesday, July 27, 2010 12:08 PM
> To: Nicholas Nguyen; Aguigui, Kevin; Dole, Ryan
> Cc: jatkinson@federalsignal.com
> Subject: RE: The two Tib camera poles
>
> Not yet, but could Ryan and/or Kevin at Kimley produce a change request
> and send it to Republic Electric for a quote to provide us with the
> following two changes to the project:
>
> 1) 3-4 110-volt grounded AC power plugs within each of the three large
> PIPS enclosures. It might be better if the plugs are provided on a small
> strip that I can position myself within the boxes.
>
> 2) a padlocked (or otherwise locked) ground-level circuit breaker switch
> on each of the two poles. I'm guessing this would be easier to implement
> at this point than the ability to remotely cycle the power to the poles.
>
>
> Ryan or Kevin, could you do this for us? Give me a call if you need more
> info at 415-465-2124. Thanks, Chad
>

>
>
>
>
>
> Best Regards,
>
> Ryan Dole, P.E.
>
> Kimley-Horn and Associates, Inc. | 555 12th Street, Ste. 1230 | Oakland,
> CA 94607 | 510.625.0712 (o) | 510.350.0231 (d) | 510.625.0714 (f) |
> www.kimley-horn.com <<http://www.kimley-horn.com>>
>
>
>
>
>
>
>
> From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
> Sent: Tuesday, July 20, 2010 2:52 PM
> To: Aguigui, Kevin
> Subject: The two Tib camera poles
>
>
>
> Hi, Kevin. I'm picking NEMA enclosures for the two Tiburon camera poles.
> Could you verify for me size and types of the poles? Is the Tib Blvd
> pole a 30' aluminum, or a steel pole? And the Paradise pole is a wooden
> telephone pole, right? What dimensions? Thanks,
>
> Chad
>
>
>
> Chad Monterichard
>
> Town of Tiburon
>
> (415) 465-2124
>
>
>
>

Chad Monterichard

From: Nicholas Nguyen
Sent: Thursday, July 29, 2010 8:12 AM
To: 'Kevin.Aguigui@kimley-horn.com'; rvignola@republicits.com
Cc: ryan.dole@kimley-horn.com; Chad Monterichard
Subject: RE: Tiburon LPR CCO #2 & Type 15TS Update

If it's going to take the same lead time as fabricating the entire pole from scratch, as per plan, why not just order the whole pole.

I had this very discussion about lead-time with everybody before we went down this road, and everyone said all is fine. But look at it now.

I would like to schedule a meeting with all of you asap. Kevin, if you feel PIPS needs to be there, let me know. I am free most of next week except Friday.

Thanks,

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us

From: Kevin.Aguigui@kimley-horn.com [mailto:Kevin.Aguigui@kimley-horn.com]
Sent: Wednesday, July 28, 2010 6:54 PM
To: rvignola@republicits.com; Nicholas Nguyen
Cc: ryan.dole@kimley-horn.com
Subject: RE: Tiburon LPR CCO #2 & Type 15TS Update

Thanks Randy for the quote. We'll get back to you shortly.

Regarding the pole option, are you going to order the entire pole assembly or the parts to field fabricate the cube to the pole?

Kevin

From: Randy Vignola, Jr. <rvignola@republicits.com>
Sent: Wednesday, July 28, 2010 6:15 PM
To: Aguigui, Kevin <Kevin.Aguigui@kimley-horn.com>; Nicholas Nguyen <nnguyen@ci.tiburon.ca.us>
Cc: Dole, Ryan <ryan.dole@kimley-horn.com>
Subject: Tiburon LPR CCO #2 & Type 15TS Update

Kevin & Nick,

Per your request please see attached CCO proposal for the installation on (1) disconnect switch at Location #1.

I also finally received pricing today from Valmont for the components required for Frank to field fabricate the Simplex 4-bolt pattern mounting "cube".

Unfortunately these components have the same 7-9 week lead-time as the factory fabricated poles. Assuming nobody takes any exceptions to this course of action, I am going to go ahead and release the

order tomorrow morning.

Once the components are on order, I will see what I can do to expedite it's shipment.

Best regards.

Randy Vignola Jr.
Sr. Project Manager



371 Bel Marin Keys Blvd | Novato | CA | 94949

P: 415.884.3000 | F: 415.884.4800

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Chad Monterichard

From: Toomey, Barry [btoomey@federalsignal.com]
Sent: Thursday, July 29, 2010 8:17 AM
To: Chad Monterichard
Cc: Robinson, Kris; Swaggerty, Greg; Plummer, Lindsay Marie
Subject: FW: Pips Support Tiburon
Follow Up Flag: Follow up
Flag Status: Red

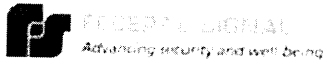
Chad,

I sent a message to Gregg asking him to contact you, he is one of our field engineers and our fixed camera expert. Greg is on Vacation this week he should be back on Monday. I don't have any suggestion on which aftermarket network products that our customers may be using at their fixed sites. As far as which cellular providers and which hardware are best to use, you may start by checking to see which has the best coverage for your region and go from there. I Also copied our sales rep for your region, he may have some suggestions.

Kris Robinson,
949-280-1716

Thanks,

Barry Toomey
Technical Support



Federal Signal
804 Innovation Drive
Knoxville, TN 37932-2562
USA

www.pipstechnology.com

Email: btoomey@federalsignal.com
Direct: (865) {392-5590}
Main Office: (865) {392-5540}
Fax: (865) {392-5599}
visit us at: <http://www.youtube.com/user/fedsigpublicsafety>

Need additional support? Call our dedicated support line at (865) 392-5590 or email support@pipstechnology.com.

Chad Monterichard

From: Kevin.Aguigui@kimley-horn.com
Sent: Thursday, July 29, 2010 8:53 AM
To: Nicholas Nguyen; rvignola@republicits.com
Cc: ryan.dole@kimley-horn.com; Chad Monterichard
Subject: RE: Tiburon LPR CCO #2 & Type 15TS Update

Hi Nick,

I'm available Monday (the 2nd) in the afternoon, Tuesday (the 3rd) after 10:30am, Wednesday (the 4th) before 10am, and Friday (the 6th) after 11:30am. I don't think PIPS needs to be at this meeting, but if needed we can get John Hutchinson via phone (Randy Mesa is no longer with Federal Signal/PIPS).

Thanks,
Kevin

Kevin Aguigui, PE, CSEP
Kimley-Horn and Associates
555 12th Street, Suite 1230
Oakland, CA 94607
510-393-6232 cell
510-625-0712 office
510-625-0714 fax
kevin.aguigui@kimley-horn.com

From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]
Sent: Thursday, July 29, 2010 8:12 AM
To: Aguigui, Kevin; rvignola@republicits.com
Cc: Dole, Ryan; Chad Monterichard
Subject: RE: Tiburon LPR CCO #2 & Type 15TS Update

If it's going to take the same lead time as fabricating the entire pole from scratch, as per plan, why not just order the whole pole.

I had this very discussion about lead-time with everybody before we went down this road, and everyone said all is fine. But look at it now.

I would like to schedule a meeting with all of you asap. Kevin, if you feel PIPS needs to be there, let me know. I am free most of next week except Friday.

Thanks,

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
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www.ci.tiburon.ca.us

From: Kevin.Aguigui@kimley-horn.com [mailto:Kevin.Aguigui@kimley-horn.com]
Sent: Wednesday, July 28, 2010 6:54 PM
To: rvignola@republicits.com; Nicholas Nguyen
Cc: ryan.dole@kimley-horn.com

Subject: RE: Tiburon LPR CCO #2 & Type 15TS Update

Thanks Randy for the quote. We'll get back to you shortly.

Regarding the pole option, are you going to order the entire pole assembly or the parts to field fabricate the cube to the pole?

Kevin

From: Randy Vignola, Jr. <rvignola@republicits.com>

Sent: Wednesday, July 28, 2010 6:15 PM

To: Aguigui, Kevin <Kevin.Aguigui@kimley-horn.com>; Nicholas Nguyen <nnguyen@ci.tiburon.ca.us>

Cc: Dole, Ryan <ryan.dole@kimley-horn.com>

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Kevin & Nick,

Per your request please see attached CCO proposal for the installation on (1) disconnect switch at Location #1.

I also finally received pricing today from Valmont for the components required for Frank to field fabricate the Simplex 4-bolt pattern mounting "cube".

Unfortunately these components have the same 7-9 week lead-time as the factory fabricated poles.

Assuming nobody takes any exceptions to this course of action, I am going to go ahead and release the order tomorrow morning.

Once the components are on order, I will see what I can do to expedite it's shipment.

Best regards.

Randy Vignola Jr.
Sr. Project Manager



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Chad Monterichard

From: Nicholas Nguyen
Sent: Thursday, July 29, 2010 9:09 AM
To: 'Kevin.Aguigui@kimley-horn.com'; rvignola@republicits.com
Cc: ryan.dole@kimley-horn.com; Chad Monterichard
Subject: RE: Tiburon LPR CCO #2 & Type 15TS Update

Hi Kevin, thanks for the options on dates.

I suggest we meet to discuss a revised schedule to get this project dialed considering the various revisions and change proposals to the project. As such, Randy, please contact the welder and supplier to get some commitments from them by today or tomorrow.

Let's plan on meeting on Tuesday of next week at 1:30 PM when we all have more information to regroup and start fresh.

Please confirm.

Nick

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us

From: Kevin.Aguigui@kimley-horn.com [mailto:Kevin.Aguigui@kimley-horn.com]
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To: Nicholas Nguyen; rvignola@republicits.com
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Kevin

Kevin Aguigui, PE, CSEP
Kimley-Horn and Associates
555 12th Street, Suite 1230
Oakland, CA 94607
510-393-6232 cell
510-625-0712 office
510-625-0714 fax
kevin.aguigui@kimley-horn.com

From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]
Sent: Thursday, July 29, 2010 8:12 AM

To: Aguigui, Kevin; rvignola@republicits.com
Cc: Dole, Ryan; Chad Monterichard
Subject: RE: Tiburon LPR CCO #2 & Type 15TS Update

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Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
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From: Kevin.Aguigui@kimley-horn.com [mailto:Kevin.Aguigui@kimley-horn.com]
Sent: Wednesday, July 28, 2010 6:54 PM
To: rvignola@republicits.com; Nicholas Nguyen
Cc: ryan.dole@kimley-horn.com
Subject: RE: Tiburon LPR CCO #2 & Type 15TS Update

Thanks Randy for the quote. We'll get back to you shortly.

Regarding the pole option, are you going to order the entire pole assembly or the parts to field fabricate the cube to the pole?

Kevin

From: Randy Vignola, Jr. <rvignola@republicits.com>
Sent: Wednesday, July 28, 2010 6:15 PM
To: Aguigui, Kevin <Kevin.Aguigui@kimley-horn.com>; Nicholas Nguyen <nnguyen@ci.tiburon.ca.us>
Cc: Dole, Ryan <ryan.dole@kimley-horn.com>
Subject: Tiburon LPR CCO #2 & Type 15TS Update

Kevin & Nick,

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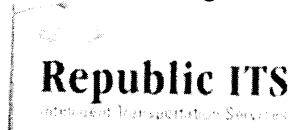
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Best regards.

Randy Vignola Jr.
Sr. Project Manager



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Chad Monterichard

From: Chad Monterichard
Sent: Tuesday, August 03, 2010 5:57 PM
To: <Kevin.Aguigui@kimley-horn.com>
Cc: Nicholas Nguyen
Subject: Re: Tiburon camera installation meeting
Awesome. Thanks, Kevin.

On Aug 3, 2010, at 5:54 PM, <Kevin.Aguigui@kimley-horn.com> wrote:

Chad and Nick,

With the new equipment, you will still be below the 150 watt maximum for both locations. The previous estimate yielded a load of about 86 watts at the Tiburon location, so you can still add another 64 watts and be below the 150 watt maximum. The tables below summarize the electrical loads for the two locations including the load buffer for future equipment.

Please let me know if you have any questions.

Thanks,

Kevin

Tiburon Boulevard

Element	Quantity	Load (watts)	Load (kilowatts)	Hours used per day	Days/Month (avg)	Total Us (hour)
Camera	4	80	0.08	24	30	720
Interface Box	1	5	0.005	24	30	720
Radio	1	20	0.02	24	30	720
Firewall	1	15	0.015	24	30	720
Fan	1	10	0.01	24	30	720
TOTALS:		130	0.13			

Maximum Load Allowed 150 watts
Load Buffer 20 watts

Paradise Drive

Element	Quantity	Load (watts)	Load (kilowatts)	Hours used per day	Days/Month (avg)	Total Us (hour)
Camera	2	40	0.04	24	30	720
Interface Box	1	5	0.005	24	30	720

Radio	1	20	0.02	24	30	720	14.4
Firewall	1	15	0.015	24	30	720	10.8
Fan	1	10	0.01	24	30	720	7.2
TOTALS:		90	0.09				64.8

Maximum Load Allowed 150 watts
Load Buffer 60 watts

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Tuesday, August 03, 2010 5:13 PM
To: Nicholas Nguyen
Cc: Aguigui, Kevin
Subject: RE: Tiburon camera installation meeting

Nick and Kevin, I'd like Kevin to see this before sending to Derrick just in case something doesn't compute with what you guys have already provided to PG&E.

This does not include the power requirements for the PIPS camera equipment, which I think Kevin already figured out. For the comm power equipment, estimate 20w for the radio gear, 15w for a firewall, 10w for ventilation in the enclosure, and I'd like a cushion of 20-25w to possibly accommodate a powered antenna. So 65-70 more watts than previously calculated for the PIPS equipment and whatever else. These are high estimates.

Thanks,

Chad

From: Nicholas Nguyen
Sent: Tuesday, August 03, 2010 4:51 PM
To: 'Victa, Derrick'
Subject: RE: Tiburon camera installation meeting

Thanks for coming to the meeting!

We will get back to you asap.

Best,

Nicholas T. Nguyen, P.E.

Director of Public Works/Town Engineer

Town of Tiburon

415-435-7388

www.ci.tiburon.ca.us

From: Victa, Derrick [mailto:dav9@pge.com]
Sent: Tuesday, August 03, 2010 3:56 PM
To: Nicholas Nguyen
Subject: RE: Tiburon camera installation meeting

Nick,

Thanks for the update at today's meeting. If the new loads exceed 150 watts or other maximum allowances, we will need to change the design and contract that we provided you previously, as well go with a metered service. At your earliest convenience, please let me know how you would like to proceed.

Thanks,

Derrick Victa
PG&E
Sr. Electric Engineering Estimator
1220 Andersen Dr.
San Rafael, CA 94901
(415) 257-3446
8-326-3446 internal

From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]
Sent: Thursday, July 29, 2010 5:37 PM
To: Victa, Derrick
Cc: rvignola@republicits.com; Kevin.Aguigui@kimley-horn.com; Chad Monterichard; ryan.dole@kimley-horn.com; Michael Cronin
Subject: Tiburon camera installation meeting

Hi all,

This is to confirm that a meeting to discuss project scheduling and progress has been scheduled for Tuesday, the 3rd, at 1:30 PM at Town Hall.

Your attendance is appreciated.

Nick

Nicholas T. Nguyen, P.E.

Director of Public Works/Town Engineer

Town of Tiburon

415-435-7388

www.ci.tiburon.ca.us

Chad Monterichard

From: Nicholas Nguyen
Sent: Monday, August 09, 2010 10:56 AM
To: Chad Monterichard; 'Kevin.Aguigui@kimley-horn.com'
Subject: RE: Tiburon LPR Project - Consolidated CCO#2

Hi Chad, so what does this mean? Please clarify what is the consequence/result/request of your comment?

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us

-----Original Message-----

From: Chad Monterichard
Sent: Monday, August 09, 2010 9:55 AM
To: 'Kevin.Aguigui@kimley-horn.com'; Nicholas Nguyen
Subject: RE: Tiburon LPR Project - Consolidated CCO#2

Kevin, re: cabinets, I'm still unsure whether I'll need wireless antennas at one or both locations, so that part's still subject to change, but the Blackfield location will have 3 total enclosures -- that's 2 PIPS and 1 for my communications equip. Paradise will have 2 total enclosures -- 1 PIPS and 1 for comm.

-----Original Message-----

From: Kevin.Aguigui@kimley-horn.com [mailto:Kevin.Aguigui@kimley-horn.com]
Sent: Monday, August 09, 2010 9:40 AM
To: Nicholas Nguyen
Cc: Chad Monterichard
Subject: RE: Tiburon LPR Project - Consolidated CCO#2

Hi Nick,

I've glanced at the CCO, and it looks fine from an overall cost perspective since it has a net credit of \$2328. However, I will take a closer look and get back to you no later than tomorrow morning.

One note is that they seem to have some inconsistencies between the text and the table descriptions of the CCO items. Also, I need Chad's input on the number of new field cabinets that he needs at each location so this can be captured in this CCO.

I'll look into the LD issue a little more as well.

Thanks,
Kevin

-----Original Message-----

From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]
Sent: Monday, August 09, 2010 9:28 AM
To: Aguigui, Kevin
Cc: Chad Monterichard
Subject: RE: Tiburon LPR Project - Consolidated CCO#2

Hi Kevin, please review this and let me know what you think at the earliest convenience. I would like to keep the ball rolling on this despite delays with the pole.

The cost don't look too bad, but I would like to see if it's reasonable from your standpoint. Also, I would like to know technically if we have any grounds for LD's at this point, and if so, how many days do we have on them?

Nick

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us

-----Original Message-----

From: Randy Vignola, Jr. [mailto:rvignola@republicits.com]
Sent: Sunday, August 08, 2010 11:39 AM
To: Nicholas Nguyen; Kevin.Aguigui@kimley-horn.com
Subject: Tiburon LPR Project - Consolidated CCO#2

Nick,

Please see attached CCO#2 for the subject project, revised to include all the changes discussed during the recent progress meeting.
No updates yet from Valmont on the expedite schedule for the pole - I will advise as soon as there is an update.

Please feel free to contact me with any questions.

Best regards,

Randy Vignola Jr.
Sr. Project Manager

371 Bel Marin Keys Blvd | Novato | CA | 94949
P: 415.884.3000 | F: 415.884.4800
www.RepublicITS.com

Arizona | California | Connecticut | Florida | Massachusetts | Pennsylvania | Texas

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-----Original Message-----

From: Randy Vignola [mailto:rvignola@republicits.com]
Sent: Friday, August 06, 2010 4:20 PM
To: Randy Vignola, Jr.
Subject:

This E-mail includes attached file(s) sent from "Region1Copier" (Aficio 1060).

Scan Date: 08.06.2010 18:19:34 (-0500)
Queries to: LASCANNER

Chad Monterichard

From: Randy Vignola, Jr. [rvignola@republicits.com]
Sent: Monday, August 09, 2010 5:14 PM
To: Nicholas Nguyen
Cc: Kevin.Aguigui@kimley-horn.com; Chad Monterichard
Subject: RE: Tiburon LPR Project - Consolidated CCO#2

Nick,

Location #1 - All work has been completed at this location except for pulling wire, standing the pole, and installing the LPR gear. The pole is still scheduled to ship from Valmont on 9/3. Assuming no improvement to this timeline, the pole should be arriving by 9/10. Work at this location will be finish up early the week of 9/13, or as the PIPS representative is available.

Location #2 - We are awaiting confirmation on when the PIPS representative is scheduled to perform his work. I will schedule Republic's relatively minor work at this location to begin (2) days prior to the PIPS representative arrival. We will complete location #2 concurrently with PIPS' work.

Regards,

Randy Vignola Jr.
Sr. Project Manager

371 Bel Marin Keys Blvd | Novato | CA | 94949
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-----Original Message-----

From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]
Sent: Monday, August 09, 2010 9:16 AM
To: Randy Vignola, Jr.; Kevin.Aguigui@kimley-horn.com
Cc: Chad Monterichard
Subject: RE: Tiburon LPR Project - Consolidated CCO#2

Hi Randy, thanks for the CCO2 proposal.

I have review it with Kevin and Chad (our IT specialist), and get back to within 2 days.

Can you please provide at this point a revised schedule to include the pole installation at Location 1 and this proposed work? Can I possibly get this within 24 hours?

Thanks,

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us

-----Original Message-----

From: Randy Vignola, Jr. [mailto:rvignola@republicits.com]

Sent: Sunday, August 08, 2010 11:39 AM
To: Nicholas Nguyen; Kevin.Aguigui@kimley-horn.com
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Subject:

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Scan Date: 08.06.2010 18:19:34 (-0500)
Queries to: LASCANNER

Chad Monterichard

From: Atkinson, John [jatinson@federalsignal.com]

Sent: Wednesday, August 11, 2010 10:32 AM

To: Chad Monterichard

Subject: Re: SQL Server version

Hi Chad,

Yes, the cameras will buffer the images if bandwidth is exceeded or communications are temporarily lost.

John

Sent from my Blackberry device

From: Chad Monterichard <cmonterichard@ci.tiburon.ca.us>

To: Atkinson, John

Sent: Tue Aug 10 17:32:53 2010

Subject: RE: SQL Server version

Hi, John. This is Chad out in Tiburon, Ca. Question about the PIPS P372 system and the onboard CompactFlash memory. Do the cameras actually buffer plate reads such that if for a short period of time the number of cars passing the camera exceeds the available upload bandwidth, or if the comm line temporarily goes down, will the cameras then automatically resend/send the reads when sufficient bandwidth is restored?

Let me know. Hope you're having a good week so far. Thanks,
Chad

Chad Monterichard
Town of Tiburon
(415) 465-2124

From: Atkinson, John [mailto:jatinson@federalsignal.com]

Sent: Wednesday, July 21, 2010 6:28 AM

To: Chad Monterichard

Cc: Kevin.Aguigui@kimley-horn.com; Robinson, Kris

Subject: RE: SQL Server version

Good morning Chad,

Here are a couple of users who are using cell/Wi-Fi data communication for their fixed cameras. Please feel free to contact them for the specifics on their configuration.

South Gate PD
Sheri Kooman
323/563-5483
skoomen@sogate.org

LAPD
Jason Liguori
562/841-8999
36091@lapd.lacity.org

LASD
Sam Paul
562/345-4472
sspaul@lasd.org

Best regards,

John

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Tuesday, July 20, 2010 1:51 PM
To: Atkinson, John; Mesa, Randy
Cc: Kevin.Aguigui@kimley-horn.com
Subject: RE: SQL Server version

Hi, John. This is Chad out in Tiburon. Do you know of any customers who deployed fixed PIPS cameras and used wireless cell links for communication? I'm looking for feedback on ideas from people who've done something similar. Let me know. Thanks,

Chad Monterichard
Town of Tiburon
(415) 465-2124

From: Atkinson, John [mailto:jatkinson@federalsignal.com]
Sent: Monday, July 12, 2010 4:43 PM
To: Chad Monterichard; Mesa, Randy
Subject: Re: SQL Server version

Chad,

You should be fine with the workgroup edition. Only 1 license should be required as the data access to SQL is all made from the BOSS server. The users make their requests in BOSS and it will query the SQL database

John
Sent from my Blackberry device

From: Chad Monterichard <cmonterichard@ci.tiburon.ca.us>
To: Mesa, Randy
Cc: Atkinson, John
Sent: Mon Jul 12 18:39:34 2010
Subject: SQL Server version

Hi, Randy and John. Thanks for talking on the phone today about Tiburon's camera project.

Question about the version of SQL we should get: for a system like ours with 6 stationary cameras: do you know if we'll be able to use Microsoft SQL 2005/2008 Workgroup Edition (as opposed to Standard) as long as we get enough CALs for each of the cameras and users who would be connecting to the system? Do you know of any reason why we would have to use the Standard version? Is the BOSS

software compatible with both?

Here's some info on the different SQL versions:

<http://www.microsoft.com/sqlserver/2005/en/us/Pricing.aspx>

Thanks,

Chad Monterichard
Town of Tiburon
(415) 465-2124

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Thursday, August 12, 2010 10:09 AM
To: Chad Monterichard
Subject: Conference call

Chad,

Let me know when you get the final word from ATT regarding the T-1's. I will set up a quick conference call with David so that we can discuss the final network design. We should also discuss a short term solution. It is unlikely that ATT will be able to deliver the circuits by your go live date. Maybe the Verizon data card will have to do for a few months.

I would suggest one of these devices to connect the data card with the PIPS equipment.

<http://www.cradlepoint.com/products/mbr1200-failsafe-gigabit-n-router-mobile-broadband> These are a few hundred dollars each. The MBR 1000/1200 has a VPN.

Thanks,

-Brad

Brad Brown
Marin IT
4 Mitchell Blvd
San Rafael CA 94903

www.marinit.com
Ofc: 415-259-5742 x216
Fax 415-259-5689

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Thursday, August 12, 2010 10:23 AM
To: Chad Monterichard
Subject: RE: Conference call

Chad,

T-1's are easy to turn up, getting outside plan to design and string up cable is a whole other story. I agree that we should keep a positive and hopeful attitude towards the request.

-Brad

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Thursday, August 12, 2010 10:22 AM
To: Brad Brown
Subject: RE: Conference call

Got it. Well, I'm hopeful AT&T has gotten better at T1 orders because the rep I've been working with lately and have had the most success with said the T1s could be terminated and ready to go in 10 business days.

From: Brad Brown [mailto:brad@marinit.com]
Sent: Thursday, August 12, 2010 10:09 AM
To: Chad Monterichard
Subject: Conference call

Chad,

Let me know when you get the final word from ATT regarding the T-1's. I will set up a quick conference call with David so that we can discuss the final network design. We should also discuss a short term solution. It is unlikely that ATT will be able to deliver the circuits by your go live date. Maybe the Verizon data card will have to do for a few months.

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Thanks,

-Brad

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Fax 415-259-5689

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Friday, August 13, 2010 8:31 AM
To: Chad Monterichard
Subject: FW: Chad, Conference call.

Chad,

Are you available to get on a call at 2pm to discuss the final network design? If not, a little later in the afternoon?

Thanks,

-Brad

-----Original Message-----

From: David Cooper
Sent: Friday, August 13, 2010 8:09 AM
To: Brad Brown
Subject: RE: Chad, Conference call.

Good morning, I can definatley talk w/you guys today, would after lunch work? 2:00?

-----Original Message-----

From: Brad Brown [brad@marinit.com]
Received: 8/12/10 4:54 PM
To: David Cooper [coop@marinit.com]
Subject: Chad, Conference call.

David,

Chad is going ahead with a T-1 on Paradise Drive and the Unwired Canopy connection on the other. The T-1 will be point to point back to the PD for the Paradise Drive location, the Unwired connection on Tiberon Blvd should be a vpn tunnel via internet? Can we discuss at some point on Friday morning with Chad? He will need to sign orders quickly.

Thanks,

-Brad

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Thursday, August 12, 2010 4:07 PM
To: Brad Brown
Subject: RE: Conference call

Brad, just to let you know, I just initiated the T-1 order for the Paradise Drive camera pole location with AT&T (point-point, pole to our PD, including inside wiring) and the wireless connection for the Tib Blvd. location with Peter at Unwired. Haven't signed anything yet, but I gave authorization by email to order both.

-Chad

-----Original Message-----

From: Brad Brown [mailto:brad@marinit.com]
Sent: Thu 8/12/2010 10:22 AM
To: Chad Monterichard
Subject: RE: Conference call

Chad,

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-Brad

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Thanks,

-Brad

Brad Brown

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Ofc: 415-259-5742 x216

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Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Friday, August 13, 2010 9:13 AM
To: Chad Monterichard
Subject: RE: Chad, Conference call.

Chad,

We'll call you at 2PM, okay?

-Brad

-----Original Message-----

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Friday, August 13, 2010 9:13 AM
To: Brad Brown
Subject: RE: Chad, Conference call.

Hi, Brad. 2pm would work great for me.

-----Original Message-----

From: Brad Brown [mailto:brad@marinit.com]
Sent: Friday, August 13, 2010 8:31 AM
To: Chad Monterichard
Subject: FW: Chad, Conference call.

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Thanks,

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Brad Brown

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Fax 415-259-5689

Chad Monterichard

From: kwasi.akwabi@kimley-horn.com
Sent: Tuesday, August 17, 2010 8:58 AM
To: Chad Monterichard; Nicholas Nguyen
Cc: Kevin.Aguigui@kimley-horn.com
Subject: RE: NEMA 4 comm enclosure

Chad –

Kevin did provide me with the photos of the PIPS boxes. I'll talk to Hammond this morning about the color. I think I know the answers to the questions below, but let me confirm with Hammond and get back to you. I'm working on this right now to make sure that we can get everything resolved today. Thanks

Kwasi

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Tuesday, August 17, 2010 8:01 AM
To: Akwabi, Kwasi; Nicholas Nguyen
Cc: Aguigui, Kevin
Subject: RE: NEMA 4 comm enclosure

Hi Kwasi,

Thanks for these. I do have a few questions. I don't know much at all about the terminology used for these enclosures, but I know what I want in layman's terms. Kevin was going to take my input and make a final determination on which box to get (we need two identical boxes, one per pole for our project), then provide the spec to Nick to provide to our electrical contractor. I would love to be able to get that done today so that we can get the enclosures ordered and delivered to the Town ASAP. What we need are boxes that are 20 x 12 x 10 inches in size, but it looks like the closest Eclipse Series Hammond box is 20 x 16 x 10. That's looking like the boxes we'd want based on what this manufacturer carries. Thanks for your help.

Here are the questions I have right now:

1. We need 2 breakout holes in the enclosure for cabling, one for power and one for networking. Do these boxes have breakout holes?
2. I'm not sure about the finish/color of the two boxes, but it would be nice if the color matched our existing PIPS camera boxes. I sent pics of those to Kevin last week. If you have access to those images in his email, can you tell what color they are and see if Hammond has the same/similar finish?
3. We need each of the 2 enclosures to have ventilation fans, but I'm not sure what terms Hammond uses for those, whether they call them blowers, breather kits or filter fans. Do you know?
4. The info sheets you sent say "Panel Sold Separately." Do you know what that means? Is the panel the cover? What we want are the full enclosures with a lockable hinged door.
5. Did Kevin pass on to you the kind of mounting equipment or we'd need and any other considerations for each of the two poles in the project?

Thanks,
Chad

-----Original Message-----

From: kwasi.akwabi@kimley-horn.com [mailto:kwasi.akwabi@kimley-horn.com]

Sent: Mon 8/16/2010 2:11 PM
To: Chad Monterichard; Nicholas Nguyen
Cc: Kevin.Aguigui@kimley-horn.com
Subject: NEMA 4 comm enclosure

Hi Chad -

Attached are a couple of cut sheets from Hammond Manufacturing for a NEMA 4 enclosure that meets the specs you laid out in your email to Kevin last Tuesday. As we discussed over the phone this morning, I'm providing these sheets to you and Nick for review. Please feel free to contact me with any questions. Thanks

Kwasi

Kwasi Akwabi-Ameyaw, P.E.
Kimley-Horn and Associates
555 12th Street, Suite 1230
Oakland, CA 94607
Phone: 510-350-0239
Fax: 510-625-0714

Chad Monterichard

From: Nicholas Nguyen
Sent: Tuesday, August 17, 2010 9:03 AM
To: 'kwasi.akwabi@kimley-horn.com'; Chad Monterichard
Cc: Kevin.Aguigui@kimley-horn.com
Subject: RE: NEMA 4 comm enclosure

Thanks to all for working to resolve this today. I hope to provide this to Republic Electric today to revise our change order request.

Nick

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us

From: kwasi.akwabi@kimley-horn.com [mailto:kwasi.akwabi@kimley-horn.com]
Sent: Tuesday, August 17, 2010 8:58 AM
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Cc: Aguigui, Kevin
Subject: RE: NEMA 4 comm enclosure

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Cc: Kevin.Aguigui@kimley-horn.com

Subject: NEMA 4 comm enclosure

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Kwasi

Kwasi Akwabi-Ameyaw, P.E.
Kimley-Horn and Associates
555 12th Street, Suite 1230
Oakland, CA 94607
Phone: 510-350-0239
Fax: 510-625-0714

Chad Monterichard

From: kwasi.akwabi@kimley-horn.com
Sent: Tuesday, August 17, 2010 1:43 PM
To: Chad Monterichard; Nicholas Nguyen
Cc: Kevin.Aguigui@kimley-horn.com
Subject: RE: NEMA 4 comm enclosure
Importance: High

Hi Chad –

I spoke with Hammond this morning and got some information from them. Please my responses to your questions below (in red).

If you're okay with these responses, let me know and I'll put all of this information together into a spec that Nick can send over to the contractor. Let me know if you've got any questions.

Kwasi

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Tuesday, August 17, 2010 8:01 AM
To: Akwabi, Kwasi; Nicholas Nguyen
Cc: Aguigui, Kevin
Subject: RE: NEMA 4 comm enclosure

Hi Kwasi,

Thanks for these. I do have a few questions. I don't know much at all about the terminology used for these enclosures, but I know what I want in layman's terms. Kevin was going to take my input and make a final determination on which box to get (we need two identical boxes, one per pole for our project), then provide the spec to Nick to provide to our electrical contractor. I would love to be able to get that done today so that we can get the enclosures ordered and delivered to the Town ASAP. What we need are boxes that are 20 x 12 x 10 inches in size, but it looks like the closest Eclipse Series Hammond box is 20 x 16 x 10. That's looking like the boxes we'd want based on what this manufacturer carries. Thanks for your help.

After speaking to Hammond Manufacturing this morning, the Eclipse Series box with dimensions 20"x16"x10" (Part No. EN4SD201610GY) would be most appropriate. The manufacturer's cut sheet for this product was provided in yesterday's email and attached again here for your reference.

Here are the questions I have right now:

1. We need 2 breakout holes in the enclosure for cabling, one for power and one for networking. Do these boxes have breakout holes?

The cabinets do not come prefabricated with knockout holes. The contractor should modify the boxes to provide 2 holes for power and comm cable conduit which will connect to the PIPS cabinets.

2. I'm not sure about the finish/color of the two boxes, but it would be nice if the color matched our existing PIPS camera boxes. I sent pics of those to Kevin last week. If you have access to those images in his email, can you tell what color they are and see if Hammond has the same/similar finish?

The PIPS enclosures are ANSI 61 Gray. Hammond manufactured the PIPS enclosures as well, so the color and finish of the part number listed above should be exactly the same.

3. We need each of the 2 enclosures to have ventilation fans, but I'm not sure what terms Hammond uses for those,

whether they call them blowers, breather kits or filter fans. Do you know?

Hammond calls them filter fans (basically a fan with a filter over it). Each box would need (1) a filter fan to pull air into the enclosure, (2) an exhaust filter which acts as an air outlet, and (3) two rain hoods that go over the fan opening and exhaust opening on the outside of the enclosure to prevent water from coming into the enclosure through those openings.

4. The info sheets you sent say "Panel Sold Separately." Do you know what that means? Is the panel the cover? What we want are the full enclosures with a lockable hinged door.

The panel is a sheet of metal which is affixed to the back of the enclosure through the inside of the box. This piece of metal is used to attach the devices within the enclosure to the enclosure itself, without actually drilling through the back of the enclosure. If you look at the PIPS enclosure pictures, you'll see that there is a piece of metal which almost covers the entire back of the enclosure that the PIPS termination module is attached to. That piece of metal is the panel.

The Eclipse enclosure can be ordered with a padlock adapter to allow for locking. The latching handle can also be replaced with a key lock.

5. Did Kevin pass on to you the kind of mounting equipment or we'd need and any other considerations for each of the two poles in the project?

Kevin didn't mention anything to me about mounting, likely because it would be dependent upon the type of enclosure you agree to. The Eclipse box does not come with a mounting kit, but Hammond mentioned to that this type of box can be pole-mounted.

Thanks,
Chad

-----Original Message-----

From: kwasi.akwabi@kimley-horn.com [mailto:kwasi.akwabi@kimley-horn.com]

Sent: Mon 8/16/2010 2:11 PM

To: Chad Monterichard; Nicholas Nguyen

Cc: Kevin.Aguigui@kimley-horn.com

Subject: NEMA 4 comm enclosure

Hi Chad -

Attached are a couple of cut sheets from Hammond Manufacturing for a NEMA 4 enclosure that meets the specs you laid out in your email to Kevin last Tuesday. As we discussed over the phone this morning, I'm providing these sheets to you and Nick for review. Please feel free to contact me with any questions. Thanks

Kwasi

Kwasi Akwabi-Ameyaw, P.E.
Kimley-Horn and Associates
555 12th Street, Suite 1230
Oakland, CA 94607
Phone: 510-350-0239
Fax: 510-625-0714

Chad Monterichard

From: Chad Monterichard
Sent: Tuesday, August 17, 2010 2:25 PM
To: <kwasi.akwabi@kimley-horn.com>
Cc: Nicholas Nguyen; <Kevin.Aguigui@kimley-horn.com>
Subject: Re: NEMA 4 comm enclosure

Hi Kwasi,

Thanks for all of this. Everything you've suggested sounds good -- the specific model # and size, with the filter and exhaust fans, panel, and padlock adapter.

Would Republic Electric then provide the hardware to mount them?

Also, Nick, since we know we'll have the antenna at Tib Blvd and Republic will be the ones doing the install, that also has to be in the change order for them, right?

Thanks,
Chad

On Aug 17, 2010, at 1:42 PM, <kwasi.akwabi@kimley-horn.com> wrote:

Hi Chad –

I spoke with Hammond this morning and got some information from them. Please my responses to your questions below (in red).

If you're okay with these responses, let me know and I'll put all of this information together into a spec that Nick can send over to the contractor. Let me know if you've got any questions.

Kwasi

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Tuesday, August 17, 2010 8:01 AM
To: Akwabi, Kwasi; Nicholas Nguyen
Cc: Aguigui, Kevin
Subject: RE: NEMA 4 comm enclosure

Hi Kwasi,

Thanks for these. I do have a few questions. I don't know much at all about the terminology used for these enclosures, but I know what I want in layman's terms. Kevin was going to take my input and make a final determination on which box to get (we need two identical boxes, one per pole for our project), then provide the spec to Nick to provide to our electrical contractor. I would love to be able to get that done today so that we can get the enclosures ordered and delivered to the Town ASAP. What we need are boxes that are 20 x 12 x 10 inches in size, but it looks like the closest Eclipse Series Hammond box is 20 x 16 x 10. That's looking like the boxes we'd want based on what this manufacturer carries. Thanks for your help.

After speaking to Hammond Manufacturing this morning, the Eclipse Series box with dimensions 20"x16"x10" (Part No. EN4SD201610GY) would be most appropriate. The manufacturer's cut sheet for this product was provided in yesterday's email and attached again here for your reference.

Here are the questions I have right now:

1. We need 2 breakout holes in the enclosure for cabling, one for power and one for networking. Do these boxes have breakout holes?

The cabinets do not come prefabricated with knockout holes. The contractor should modify the boxes to provide 2 holes for power and comm cable conduit which will connect to the PIPS cabinets.

2. I'm not sure about the finish/color of the two boxes, but it would be nice if the color matched our existing PIPS camera boxes. I sent pics of those to Kevin last week. If you have access to those images in his email, can you tell what color they are and see if Hammond has the same/similar finish?

The PIPS enclosures are ANSI 61 Gray. Hammond manufactured the PIPS enclosures as well, so the color and finish of the part number listed above should be exactly the same.

3. We need each of the 2 enclosures to have ventilation fans, but I'm not sure what terms Hammond uses for those, whether they call them blowers, breather kits or filter fans. Do you know?

Hammond calls them filter fans (basically a fan with a filter over it). Each box would need (1) a filter fan to pull air into the enclosure, (2) an exhaust filter which acts as an air outlet, and (3) two rain hoods that go over the fan opening and exhaust opening on the outside of the enclosure to prevent water from coming into the enclosure through those openings.

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The Eclipse enclosure can be ordered with a padlock adapter to allow for locking. The latching handle can also be replaced with a key lock.

5. Did Kevin pass on to you the kind of mounting equipment or we'd need and any other considerations for each of the two poles in the project?

Kevin didn't mention anything to me about mounting, likely because it would be dependent upon the type of enclosure you agree to. The Eclipse box does not come with a mounting kit, but Hammond mentioned to that this type of box can be pole-mounted.

Thanks,
Chad

-----Original Message-----

From: kwasi.akwabi@kimley-horn.com [mailto:kwasi.akwabi@kimley-horn.com]

Sent: Mon 8/16/2010 2:11 PM

To: Chad Monterichard; Nicholas Nguyen

Cc: Kevin.Aguigui@kimley-horn.com

Subject: NEMA 4 comm enclosure

Hi Chad -

Attached are a couple of cut sheets from Hammond Manufacturing for a NEMA 4 enclosure that meets the specs you laid out in your email to Kevin last Tuesday. As we discussed over the phone this morning, I'm providing these sheets to you and Nick for review. Please feel free to contact me with any questions. Thanks

Kwasi

Kwasi Akwabi-Ameyaw, P.E.
Kimley-Horn and Associates
555 12th Street, Suite 1230
Oakland, CA 94607
Phone: 510-350-0239
Fax: 510-625-0714

Chad Monterichard

From: kwasi.akwabi@kimley-horn.com
Sent: Tuesday, August 17, 2010 5:13 PM
To: Nicholas Nguyen; Chad Monterichard
Cc: Kevin.Aguigui@kimley-horn.com
Subject: RE: NEMA 4 comm enclosure

Hi Nick –

As we just discussed over the phone, I'll be providing you and Chad with the NEMA 4 enclosure specification and revised CADD drawing detail sheets by tomorrow. I'll coordinate with Chad to make sure that the details depict everyone's understanding of what the configuration will look like in the field. Once you receive the spec and revised drawings from me, you'll markup the contractor's CCO based on what I send you. Thanks

Kwasi

From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]
Sent: Tuesday, August 17, 2010 9:03 AM
To: Akwabi, Kwasi; Chad Monterichard
Cc: Aguigui, Kevin
Subject: RE: NEMA 4 comm enclosure

Thanks to all for working to resolve this today. I hope to provide this to Republic Electric today to revise our change order request.

Nick

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us

From: kwasi.akwabi@kimley-horn.com [mailto:kwasi.akwabi@kimley-horn.com]
Sent: Tuesday, August 17, 2010 8:58 AM
To: Chad Monterichard; Nicholas Nguyen
Cc: Kevin.Aguigui@kimley-horn.com
Subject: RE: NEMA 4 comm enclosure

Chad –

Kevin did provide me with the photos of the PIPS boxes. I'll talk to Hammond this morning about the color. I think I know the answers to the questions below, but let me confirm with Hammond and get back to you. I'm working on this right now to make sure that we can get everything resolved today. Thanks

Kwasi

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Tuesday, August 17, 2010 8:01 AM
To: Akwabi, Kwasi; Nicholas Nguyen

Cc: Aguigui, Kevin
Subject: RE: NEMA 4 comm enclosure

Hi Kwasi,

Thanks for these. I do have a few questions. I don't know much at all about the terminology used for these enclosures, but I know what I want in layman's terms. Kevin was going to take my input and make a final determination on which box to get (we need two identical boxes, one per pole for our project), then provide the spec to Nick to provide to our electrical contractor. I would love to be able to get that done today so that we can get the enclosures ordered and delivered to the Town ASAP. What we need are boxes that are 20 x 12 x 10 inches in size, but it looks like the closest Eclipse Series Hammond box is 20 x 16 x 10. That's looking like the boxes we'd want based on what this manufacturer carries. Thanks for your help.

Here are the questions I have right now:

1. We need 2 breakout holes in the enclosure for cabling, one for power and one for networking. Do these boxes have breakout holes?
2. I'm not sure about the finish/color of the two boxes, but it would be nice if the color matched our existing PIPS camera boxes. I sent pics of those to Kevin last week. If you have access to those images in his email, can you tell what color they are and see if Hammond has the same/similar finish?
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4. The info sheets you sent say "Panel Sold Separately." Do you know what that means? Is the panel the cover? What we want are the full enclosures with a lockable hinged door.
5. Did Kevin pass on to you the kind of mounting equipment or we'd need and any other considerations for each of the two poles in the project?

Thanks,
Chad

-----Original Message-----

From: kwasi.akwabi@kimley-horn.com [mailto:kwasi.akwabi@kimley-horn.com]
Sent: Mon 8/16/2010 2:11 PM
To: Chad Monterichard; Nicholas Nguyen
Cc: Kevin.Aguigui@kimley-horn.com
Subject: NEMA 4 comm enclosure

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Kwasi

Kwasi Akwabi-Ameyaw, P.E.
Kimley-Horn and Associates
555 12th Street, Suite 1230
Oakland, CA 94607
Phone: 510-350-0239
Fax: 510-625-0714

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Wednesday, August 18, 2010 11:32 AM
To: Chad Monterichard
Cc: David Cooper
Subject: PIPS Project.

Chad,

Do you have construction dates lined up? All of the gear for your project is in stock and on the way except for the Sheriff's router. We currently have a delivery date of the 1st week in September. 130 are on order for the remainder of August but are accounted for. If someone cancels their order we will move up in line. As usual, David has a backup plan if needed.

Thanks,

-Brad

Brad Brown
Marin IT
4 Mitchell Blvd
San Rafael CA 94903

www.marinit.com
Ofc: 415-259-5742 x216
Fax 415-259-5689

Chad Monterichard

From: Chad Monterichard
Sent: Wednesday, August 18, 2010 1:10 PM
To: Brad Brown
Cc: David Cooper
Subject: Re: PIPS Project.

Not specific dates on me now, but we've been shooting for the first Tue after Labor Day in Sept for the Paradise pole and a week after that for the Tib Blvd location.

On Aug 18, 2010, at 11:31 AM, "Brad Brown" <brad@marinit.com> wrote:

Chad,

Do you have construction dates lined up? All of the gear for your project is in stock and on the way except for the Sheriff's router. We currently have a delivery date of the 1st week in September. 130 are on order for the remainder of August but are accounted for. If someone cancels their order we will move up in line. As usual, David has a backup plan if needed.

Thanks,

-Brad

Brad Brown

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4 Mitchell Blvd

San Rafael CA 94903

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Fax 415-259-5689

Chad Monterichard

From: Chad Monterichard
Sent: Wednesday, August 18, 2010 5:11 PM
To: Chad Monterichard; kwasi.akwabi@kimley-horn.com; Nicholas Nguyen
Subject: RE: Cabinet Configuration Schematic

Nick, please disregard this email reply to Kwasi. He and I spoke on the phone a little while ago. I gave him the wrong information about the location of the existing breakout holes on the PIPS enclosures. They are actually located at the base of the boxes where he correctly indicated on his earlier drawing.

I believe he is finalizing the spec now to send to you.

-----Original Message-----

From: Chad Monterichard
Sent: Wed 8/18/2010 4:32 PM
To: kwasi.akwabi@kimley-horn.com; Nicholas Nguyen
Subject: RE: Cabinet Configuration Schematic

Hi Kwasi,

Each of the PIPS enclosures have two pre-punched breakout holes along an upper (long edge) side. I don't know if that means we have to use them or if we can still cut new holes and run new conduit from the base of each PIPS box. Sorry about the primitive drawing, but here's one that shows where the holes are located.

Also, I thought we discussed a different conduit configuration that resulted in just two breakout holes for the comm box, with each PIPS enclosures daisy chained together, but I'm thinking it probably doesn't matter. There are a number of ways we could connect these boxes together, and as far as I can tell the way you're proposing would work just as well as the others.

So I think the only question is whether or not we should use the existing breakout holes along the sides of the PIPS enclosures or plug them and run conduit from the base of each box.

-----Original Message-----

From: kwasi.akwabi@kimley-horn.com [mailto:kwasi.akwabi@kimley-horn.com]
Sent: Wed 8/18/2010 1:13 PM
To: Chad Monterichard; Nicholas Nguyen
Subject: Cabinet Configuration Schematic

Chad/Nick -

Attached is a sketch of what my understanding is of the cabinet configuration at the Tiburon Blvd location and at the Paradise Dr location. Can you take a look and either confirm, or let me know what needs to change. Thanks

Kwasi

Kwasi Akwabi-Ameyaw, P.E.
Kimley-Horn and Associates
555 12th Street, Suite 1230
Oakland, CA 94607
Phone: 510-350-0239
Fax: 510-625-0714

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Thursday, August 19, 2010 10:40 AM
To: Chad Monterichard
Cc: David Cooper
Subject: RE: PIPS Project.

Chad,

The first proposal was for the 210B. David chose the model with additional memory. David is returning from Southern California at the moment so we may not get a response before the end of the day.

David, can you confirm the need for the 210H that consumes 57w additional power?

Thanks,

-Brad

-----Original Message-----

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Thursday, August 19, 2010 10:41 AM
To: Brad Brown
Cc: David Cooper
Subject: RE: PIPS Project.

Hi, Brad. Which Juniper is the model being ordered/ordered again? Is it the SRX210B? I notice a huge difference in power consumption between what the PDF spec sheet refers to as low memory and high memory for that device. The low end's 27W avg power use wouldn't be a problem, but the high end's 84W would. Could you please doublecheck that and let me know?
Thanks,
Chad

From: Brad Brown [mailto:brad@marinit.com]
Sent: Wednesday, August 18, 2010 11:32 AM
To: Chad Monterichard
Cc: David Cooper
Subject: PIPS Project.

Chad,

Do you have construction dates lined up? All of the gear for your project is in stock and on the way except for the Sheriff's router. We currently have a delivery date of the 1st week in September. 130 are on order for the remainder of August but are accounted for. If someone cancels their order we will move up in line. As usual, David has a backup plan if needed.

Thanks,

-Brad

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San Rafael CA 94903

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Ofc: 415-259-5742 x216
Fax 415-259-5689

Chad Monterichard

From: David Cooper [coop@marinit.com]
Sent: Thursday, August 19, 2010 11:40 AM
To: Brad Brown; Chad Monterichard
Subject: RE: PIPS Project.

I was just thinking the extra memory would be good, I assume with more power comes more heat as well? I think the other model will be fine, can you ask Ash to update the equipment order?

David

-----Original Message-----

From: Brad Brown
Sent: Thursday, August 19, 2010 10:40 AM
To: Chad Monterichard
Cc: David Cooper
Subject: RE: PIPS Project.

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From: Brad Brown [mailto:brad@marinit.com]
Sent: Wednesday, August 18, 2010 11:32 AM
To: Chad Monterichard
Cc: David Cooper
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Thanks,

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Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Thursday, August 19, 2010 12:50 PM
To: Chad Monterichard
Subject: RE: PIPS Project.

Chad,

We are changing the 201's to the B version.

Thanks,

-Brad

-----Original Message-----

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Thursday, August 19, 2010 11:46 AM
To: David Cooper; Brad Brown
Subject: RE: PIPS Project.

That's probably a good idea since these aren't hardened units and are only rated up to 104 degrees operating temp. Plus, our agreement with PG&E limits the total draw on the poles (with the cameras, which use about 80W for four of them) to 150W. Thanks,
Chad

-----Original Message-----

From: David Cooper [mailto:coop@marinit.com]
Sent: Thursday, August 19, 2010 11:40 AM
To: Brad Brown; Chad Monterichard
Subject: RE: PIPS Project.

I was just thinking the extra memory would be good, I assume with more power comes more heat as well? I think the other model will be fine, can you ask Ash to update the equipment order?

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Thanks,

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Thanks,

-Brad

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Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Friday, August 27, 2010 2:18 PM
To: Chad Monterichard
Subject: PIPS
Follow Up Flag: Follow up
Flag Status: Red

Chad,

The last of the Juniper equipment just shipped from Tennessee yesterday. It should be here next week.

Have a nice weekend.

Thanks,

-Brad

Brad Brown
Marin IT
4 Mitchell Blvd
San Rafael CA 94903

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Fax 415-259-5689

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Friday, September 03, 2010 10:53 AM
To: Chad Monterichard
Subject: PIPS hardware installation
Follow Up Flag: Follow up
Flag Status: Red

Chad,

I'd like to come out with David next Thursday September 9th at 7AM to install the Sheriff firewall. There will be an outage of approximately 45-60 minutes. We will return to complete the installation on Wednesday September 22nd. David is out of the area the week before and after this date working on installations so wrapping up the T-1 and the wireless connection on this day will be very important. I will coordinate the IP addresses for the Tiburon Blvd site in advance.

Thanks,

-Brad

Brad Brown
Marin IT
4 Mitchell Blvd
San Rafael CA 94903

www.marinit.com
Ofc: 415-259-5742 x216
Fax 415-259-5689

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Wednesday, September 08, 2010 9:16 AM
To: Chad Monterichard
Subject: PIPS Thursday AM

Chad,

Can we meet you at 7AM on Thursday? David wants to install the new Sheriff firewall first thing in the morning.

-Brad

Brad Brown
Marin IT
4 Mitchell Blvd
San Rafael CA 94903

www.marinit.com
Ofc: 415-259-5742 x216
Fax 415-259-5689

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Wednesday, September 08, 2010 9:23 AM
To: Chad Monterichard
Subject: RE: PIPS Thursday AM

Thanks Chad,

See you at 7AM.

-Brad

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Wednesday, September 08, 2010 9:23 AM
To: Brad Brown
Subject: RE: PIPS Thursday AM

Yup, I'll see you then (at Tib PD, 1155 Tiburon Blvd.) tomorrow at 7. Call me on my cell at 465-2124 when you get there if there's no one at the front counter to let you into the building.

From: Brad Brown [mailto:brad@marinit.com]
Sent: Wednesday, September 08, 2010 9:16 AM
To: Chad Monterichard
Subject: PIPS Thursday AM

Chad,

Can we meet you at 7AM on Thursday? David wants to install the new Sheriff firewall first thing in the morning.

-Brad

Brad Brown
Marin IT
4 Mitchell Blvd
San Rafael CA 94903

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Fax 415-259-5689

Chad Monterichard

From: Nicholas Nguyen
Sent: Thursday, September 09, 2010 9:33 AM
To: Chad Monterichard
Subject: RE: Re: LPR project scheduling
Follow Up Flag: Follow up
Flag Status: Red
Thanks for the update!

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us

From: Chad Monterichard
Sent: Wednesday, September 08, 2010 3:22 PM
To: Nicholas Nguyen
Subject: Re: LPR project scheduling

Hey, Nick. Yesterday I emailed Randy Vignola at Republic to find out the delivery date for the Tib Blvd camera pole and the two comm enclosures. He replied today and said that the pole is scheduled to ship from Nebraska on the 10th. He doesn't have a firm delivery date for it yet, though. Only that it will probably take a week.

He also said he hasn't yet found NEMA Type 3R enclosures matching the ones in the latest change order. He's still looking and said he'll follow up with me later today with more information.

He suggested that I not schedule PIPS to come out here the week of 9/20 yet until he has a firm delivery date for the pole and can find two suitable enclosures.

Just so you know, I'm not waiting to hear back from Randy before proceeding with the other aspects of the comm for the project. Tomorrow morning I'm installing the routers at the PD for the Paradise Drive T-1 connection. Hopefully when Randy replies again he'll confirm the delivery date for the Tib Blvd pole and has found two suitable comm enclosures, and then I'll schedule PIPS to come out to do their calibration.
Chad

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Thursday, September 16, 2010 3:18 PM
To: Chad Monterichard
Subject: PIPS
Follow Up Flag: Follow up
Flag Status: Red

Chad,

I'm checking in with you regarding the PIPs install. We are planning to come out and test the ATT T-1 circuit and to configure the Juniper SSG5's configured with IP's and a VPN config. Unwired has provided us with the addressing for their gear. We are planning to do our work on 9-22 at 7:30AM. Peter indicates that he does not have a firm installation date for his gear yet. We will also be available to help remotely on the 23rd with connectivity issues and on site on the 24th if things don't go smoothly.

We need to know what the encapsulation and clock setting are on the T-1 circuit.

Is there anything else that I have failed to identify?

Thanks,

-Brad

Brad Brown
Marin IT
4 Mitchell Blvd
San Rafael CA 94903

www.marinit.com
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Fax 415-259-5689

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Monday, September 20, 2010 2:29 PM
To: Chad Monterichard
Subject: RE: PIPS

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Monday, September 20, 2010 2:14 PM
To: Brad Brown
Subject: RE: PIPS

Hey Brad,

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BTW, still no confirmation on the delivery date for the Tib Blvd pole or the comm boxes. I'm hoping to find out this afternoon.

Thanks,
Chad

Chad Monterichard
Town of Tiburon
(415) 465-2124

From: Brad Brown [mailto:brad@marinit.com]
Sent: Thursday, September 16, 2010 3:18 PM
To: Chad Monterichard
Subject: PIPS

Chad,

I'm checking in with you regarding the PIPs install. We are planning to come out and test the ATT T-1 circuit and to configure the Juniper SSG5's configured with IP's and a VPN config. Unwired has provided us with the addressing for their gear. We are planning to do our work on 9-22 at 7:30AM. Peter indicates that he does not have a firm installation date for his gear yet. We will also be available to help remotely on the 23rd with connectivity issues and on site on the 24th if things don't go smoothly.

We need to know what the encapsulation and clock setting are on the T-1 circuit.

Is there anything else that I have failed to identify?

Thanks,

-Brad

Brad Brown

Marin IT
4 Mitchell Blvd
San Rafael CA 94903

www.marinit.com
Ofc: 415-259-5742 x216
Fax 415-259-5689

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Monday, September 20, 2010 2:31 PM
To: Chad Monterichard
Cc: David Cooper
Subject: RE: PIPS

Chad,

Sounds reasonable. The clock is probably generated from one of the points instead of the concentration point at the CO. I use the side that is at the PD since the power and temperature is more stable.

Thanks,

-Brad

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Monday, September 20, 2010 2:14 PM
To: Brad Brown
Subject: RE: PIPS

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Chad Monterichard

From: David Cooper [coop@marinit.com]
Sent: Monday, September 20, 2010 2:32 PM
To: Brad Brown; Chad Monterichard
Subject: RE: PIPS

No worries, we will figure it out, there are only a couple of different options / combinations...

David

From: Brad Brown
Sent: Monday, September 20, 2010 2:31 PM
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Chad Monterichard

From: David Cooper [coop@marinit.com]
Sent: Tuesday, September 21, 2010 6:55 AM
To: Chad Monterichard; Brad Brown
Subject: RE: PIPS

Perfect

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Monday, September 20, 2010 4:20 PM
To: David Cooper; Brad Brown
Subject: RE: PIPS

Guys, AT&T says that it's designed as B8ZS ESF.
-Chad

From: David Cooper [mailto:coop@marinit.com]
Sent: Monday, September 20, 2010 2:32 PM
To: Brad Brown; Chad Monterichard
Subject: RE: PIPS

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4 Mitchell Blvd
San Rafael CA 94903

www.marinit.com
Ofc: 415-259-5742 x216
Fax 415-259-5689

Chad Monterichard

From: Nicholas Nguyen
Sent: Thursday, September 30, 2010 9:10 AM
To: 'Randy Vignola, Jr.'; Kevin.Aguigui@kimley-horn.com; ryan.dole@kimley-horn.com
Cc: Chad Monterichard; Don Caramagno; Andrew Poster
Subject: RE: Tiburon update

Hi Randy, thanks for the update!

The schedule looks fine to me. I'm glad we can get some closure to this. I understand you had a discussion with Chad prior to preparing this schedule.

However, he may have revised perspective on this, which may or may not be super-critical. We thought you would stand the pole at location 1, and wire up electric at both locations next week, then come back on the week of 10/12 to work with PIPS on the camera install. Any thoughts to this? We're not pushing for this, but a thought.

Nick

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us



Think of trees before you print please.

From: Randy Vignola, Jr. [mailto:rvignola@republicits.com]
Sent: Wednesday, September 29, 2010 5:42 PM
To: Nicholas Nguyen; Kevin.Aguigui@kimley-horn.com; ryan.dole@kimley-horn.com
Cc: Chad Monterichard; Don Caramagno; Andrew Poster
Subject: RE: Tiburon update

Nick,

After checking in with all the involved parties, I cobbled together the below rough schedule for the completion of the subject project.

The custom Type 15TS pole will be delivered to my yard on Monday 10/4/10.
Chad confirmed that his two vendors will be ready to go the week of 10/11 – 10/15.
My crew will mobilize and rough in the electrical at Location #2 next week (10/4 – 10/8).
My crew will stand the pole at location #1 and pull all conductors on Tuesday 10/12 (10/11 is Columbus Day).
My crew will be ready to work in tandem with Chad's vendors to complete the installation of the communications and surveillance equipment starting on Weds 10/12/10.
Work should be completed by COB on 10/15.

As always, please feel free to contact me to discuss the schedule/project .

Regards

8/8/2012

Chad Monterichard

From: Kevin.Aguigui@kimley-horn.com
Sent: Thursday, September 30, 2010 9:37 AM
To: Nicholas Nguyen; rvignola@republicits.com; ryan.dole@kimley-horn.com
Cc: Chad Monterichard; dcaramagno@republicits.com; aposter@republicits.com
Subject: RE: Tiburon update

Nick,

I concur with the idea of having the pole and electrical work done next week. This will reduce the number of items to do the week of 10/11.

Thanks,
Kevin

Kevin Aguigui, PE, CSEP
Kimley-Horn and Associates
555 12th Street, Suite 1230
Oakland, CA 94607
510-393-6232 cell
510-625-0712 office
510-625-0714 fax
kevin.aguigui@kimley-horn.com

From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]
Sent: Thursday, September 30, 2010 9:10 AM
To: Randy Vignola, Jr.; Aguigui, Kevin; Dole, Ryan
Cc: Chad Monterichard; Don Caramagno; Andrew Poster
Subject: RE: Tiburon update

Hi Randy, thanks for the update!

The schedule looks fine to me. I'm glad we can get some closure to this. I understand you had a discussion with Chad prior to preparing this schedule.

However, he may have revised perspective on this, which may or may not be super-critical. We thought you would stand the pole at location 1, and wire up electric at both locations next week, then come back on the week of 10/12 to work with PIPS on the camera install. Any thoughts to this? We're not pushing for this, but a thought.

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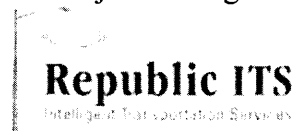
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As always, please feel free to contact me to discuss the schedule/project .

Regards

Randy Vignola Jr.
Sr. Project Manager



371 Bel Marin Keys Blvd | Novato | CA | 94949

P: 415.884.3000 | F: 415.884.4800

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From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]

Sent: Tuesday, September 28, 2010 10:30 AM

To: Randy Vignola, Jr.; Kevin.Aguigui@kimley-horn.com

Cc: Chad Monterichard

Subject: Tiburon update

Hi all,

Can you provide an update as to where we are with this?

Best,

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer

Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us



Think of trees before you print please.

Chad Monterichard

From: Paul Doherty [pdoherty@unwiredltd.com]
Sent: Thursday, September 30, 2010 12:36 PM
To: Chad Monterichard
Cc: Brad Brown; David Cooper; Peter Kranz
Subject: Re: Schedule for Tiburon camera install
Follow Up Flag: Follow up
Flag Status: Red

Hi Chad,

I will put aside Tuesday afternoon the 12th as well as Wednesday the 13th, please let me know closer to the time which would work best for you. I am not available on the 14th or 15th of October.

I imagine it would also take me between 2-3 hours to mount the antennae and run the cable down the pole. I am assuming there will be conduit for me to run my wire in?

Please let me know if you'd like me to drop off a length of cable if you are planning on running all the wires at the same time or if it would be easiest for me to run my wire on the day.

Thanks
Paul

Paul Doherty
Field Supervisor
www.unwiredltd.com
office: 510.868.1614 x105
cell: 415.999.6708
fax: 510.217.6031
pdoherty@unwiredltd.com

On Sep 30, 2010, at 9:46 AM, Chad Monterichard wrote:

Hey Guys,

The remaining camera pole we've been awaiting is scheduled for delivery in Tiburon on Oct. 4. We're looking to perform the actual camera install and calibration from the afternoon of Oct. 12 through Oct. 15. The PIPS camera vendor will get here sometime after noon on the 12th and will start working on one of the sites with us that day. He expects the process could take 2-3 hours per site for calibration and network testing, and the last day of the job, the 15th, he spends installing the client/server software on computers at our PD.

I'm checking to see your availability over those dates. Peter, we would probably only need you or Paul on site for an hour or two on one of the days during the antenna installation itself, most likely between Oct. 12-14. Brad and David, we'd probably need you guys for 2-3 hours on 2-3 of the days, but if everything goes well probably not more than 6-8 hours total. Once the electrical contractor raises the new pole, mounts the cabinets and energizes the poles at both sites, which they expect to do the week of Oct. 4 in preparation for the camera calibration and network testing Oct. 12-15, the camera and network part of the project

shouldn't take too long.

Basically, we'd like to have all of the cabinets and everything save the cameras mounted on the poles between Oct. 4-8 and ready to go for your on-site help the following week.

Do these dates work for you? Thanks for your help.
Chad

Chad Monterichard
Town of Tiburon
(415) 465-2124

Chad Monterichard

From: Nicholas Nguyen
Sent: Tuesday, October 05, 2010 8:59 AM
To: Chad Monterichard; 'Randy Vignola, Jr.'; 'Kevin.Aguigui@kimley-horn.com'
Cc: Andrew Poster
Subject: RE: Tiburon Blvd. Surveillance Cameras Installation Permit No. 0408-NMC1727

Hi Chad,

Yes, please proceed with Location 2 and coordinate with Randy's crew to do this.

Hopefully Randy will have information back to us from Caltrans today.

Nick

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us



Think of trees before you print please.

From: Chad Monterichard
Sent: Tuesday, October 05, 2010 8:38 AM
To: 'Randy Vignola, Jr.'; Nicholas Nguyen; Kevin.Aguigui@kimley-horn.com
Subject: RE: Tiburon Blvd. Surveillance Cameras Installation Permit No. 0408-NMC1727

Guys, any updates on this? Is there any chance we'll be able to proceed with installing the pole at Site 1, Tib Blvd., next week as scheduled? If not that, then can we still proceed with Site 2 next week? The vendor, PIPS, is already slated to be here next week and made travel arrangements already. I'll ask them to proceed with Site 2 and then schedule a subsequent visit to help with Site 1 if it looks like we can still proceed with the Site 2 Paradise Drive install as scheduled next week.

Let me know. Thanks,
Chad

From: Randy Vignola, Jr. [mailto:rvignola@republicits.com]
Sent: Monday, October 04, 2010 5:05 PM
To: Nicholas Nguyen; Kevin.Aguigui@kimley-horn.com
Cc: Chad Monterichard
Subject: RE: Tiburon Blvd. Surveillance Cameras Installation Permit No. 0408-NMC1727

Nick,

Unfortunately, CalTrans does not have a approved manufacturers list. They *do* have a prequalified products list, but they do not list any roadway lighting/pole manufacturers. I did find the attached Valmont certification with Caltrans, but I don't know that it will help us out much here.

This guy Farshid's behavior is a complete 180 from the precedent that Jess Tubo set at the precon meeting.

Regards,

Randy Vignola Jr.
Sr. Project Manager



371 Bel Marin Keys Blvd | Novato | CA | 94949

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From: Nicholas Nguyen [mailto:nnguyen@ci.tiburon.ca.us]

Sent: Monday, October 04, 2010 2:50 PM

To: Randy Vignola, Jr.; Kevin.Aguigui@kimley-horn.com

Cc: Chad Monterichard

Subject: FW: Tiburon Blvd. Surveillance Cameras Installation Permit No. 0408-NMC1727

Hey Randy,

I was pleading with Farshid to give us a break on this project, so he's requesting the following info in hopes that if the manufacturer is on the approved Caltrans' manufacturers list, he will approve the pole automatically.

Nick

Nicholas T. Nguyen, P.E.
Director of Public Works/Town Engineer
Town of Tiburon
415-435-7388
www.ci.tiburon.ca.us



Think of trees before you print please.

From: Farshid Brojeni [mailto:farshid_brojeni@dot.ca.gov]

Sent: Monday, October 04, 2010 2:10 PM

To: rvignola@republicits.com; Kevin.Aguigui@kimley-horn.com

Cc: Nicholas Nguyen; Jess Tubon; Bahram Iranpour; Julie Hsu

Subject: Tiburon Blvd. Surveillance Cameras Installation Permit No. 0408-NMC1727

Randy and Kevin,

It came to my attention that the pole which designed to support these cameras in the median of Tiburon boulevard was

manufactured without inspection of Translab . also I gathered from Randy that the pole is delivered and now sitting in

Republic ITS warehouse in Fremont.

In this situation, we need further investigations and verifications before allowing you to install this pole in the State Right of Way

Prior of any further action please send us the exact information about the manufacturer (name address etc..) and a copy of your

order and pole specification attached to.

Thanks

Farshid Vahedian Brojeni, P.E.

Office of Permits

Office 510-286-4409

Cell 510-715-7446

Here is the permit website

<http://www.dot.ca.gov/hq/traffops/developserv/permits/>

This Office will be closed second, third and fourth Fridays of each month.

Chad Monterichard

From: Chad Monterichard
Sent: Friday, October 15, 2010 10:39 AM
To: David Cooper
Cc: Tim Bush
Subject: Re: Can't connect to DOJ websites

Thanks, Dave the PIPS guy said it was a publicly avail addy.

On Oct 15, 2010, at 9:37 AM, "David Cooper" <coop@marinit.com> wrote:

Hi Chad,

The reason it cannot get to the DOJ is no one ever requested that it we set that up. I will talk to the folks at the county and ask them to open the firewall for this host...I would guess we can get it configured either later today or Monday...

David

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Thursday, October 14, 2010 4:39 PM
To: David Cooper; Tim Bush
Subject: Can't connect to DOJ websites

Hey, Dave. The camera server app tries to update DOJ warrants from this URL:

http://clew.doj.ca.gov/clew_publications/svs/sfr.tbl

A tracertr shows it stopping at the MIDAS router. Any idea why? Thanks,

Chad

465-2124

<image001.jpg>

Chad Monterichard

From: Atkinson, John [j.atkinson@federalsignal.com]
Sent: Thursday, October 28, 2010 5:20 PM
To: Chad Monterichard
Subject: RE: One of our 2 Paradise PIPS cameras System settings

Thanks Chad,

The dump I need is on the diagnostics menu. There should be a section for dump file. This show all of the config parameters in text format. Could you send that as well?

Thanks,

John

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Thursday, October 28, 2010 5:22 PM
To: Atkinson, John
Subject: RE: One of our 2 Paradise PIPS cameras System settings

Hi, John. Here's the dump from the same camera, and here's a screenshot that shows the time server set to match the BOSS server.

Thanks,
Chad
(415) 465-2124

Configuration Frameset - Windows Internet Explorer

http://10.211.134.10/monitored/configure.htm?device=1001&system=200

Configuration Frameset



Main Menu	System Parameters	
System	Flex file	flash;3722acyc.z16
Update	Startup Script File	mem:/startup.scr
Preferences	Alternate Time Server Address	10.211.133.10
Monitor	Font 16 file	flash;font_16.32k
Configuration	Access control List	mem:/access.txt
Diagnostics	Daytime Port	0
Contact us	Time Poll	0
Legal	SNTP lock window	200
Copyright 2006 PIPS Technology Inc., PIPS Technology Ltd. Build ref:26	SNTP max offset	24

Alternate Time Server Address

Specifies the server IP address of an alternate SNTP time server to be used for internet SNTP requests should the primary time server fail. Set this to 0 to turn off calls to a time server.

CLI Name: alt_time_server
Default Value: 0.0.0.0

Done

Internet | Protected

Q plate z:0 c:1 @ conf 1641, best of 15, w:280 h:68 100759464 frm 4 o:02
analyse: retrying on full image 40

5BJA035 1072ms 1
 1028,1705092,1, 5BJA035,72,00020511,148639012
 Q plate z:0 c:1 @ conf 2493, best of 12, w:280 h:68 100910243 frm 4 o:02
 8C21336 551ms 1
 1028,1707400,1, 8C21336,92,00020512,148639676
 Q plate z:0 c:1 @ conf 519, best of 4, w:280 h:68 100915543 frm 4 o:02
 analyse: retrying on full image 0
 no-read 216ms 1
 analyse: plate not found in image rconf:0, vh:50
 1028,1707454,1, no-read,00,00020513,148640340
 Q plate z:0 c:1 @ conf 869, best of 10, w:280 h:68 100936383 frm 4 o:02
 analyse: retrying on full image 0
 HLM908 465ms 1
 1028,1708061,1, HLM908,91,00020514,148641004
 Q plate z:0 c:1 @ conf 2070, best of 11, w:280 h:68 100980623 frm 4 o:02
 analyse: retrying on full image 40
 7A48761 1062ms 1
 1028,1708516,1, 7A48761,91,00020515,148641668
 Q plate z:0 c:1 @ conf 437, best of 3, w:280 h:68 100986823 frm 4 o:02
 analyse: retrying on full image 0
 no-read 132ms 1
 analyse: plate not found in image rconf:0, vh:53
 1028,1708580,1, no-read,00,00020516,148642332
 Q plate z:0 c:1 @ conf 1376, best of 9, w:280 h:68 100997123 frm 4 o:02
 4TSB709 228ms 1
 1028,1709081,1, 4TSB709,94,00020517,148642996
 Q plate z:0 c:1 @ conf 718, best of 9, w:280 h:68 101010203 frm 4 o:02
 4TCK550 383ms 1
 1028,1709211,1, 4TCK550,96,00020518,148643660
 Q plate z:0 c:1 @ conf 815, best of 13, w:280 h:68 101011763 frm 4 o:02
 analyse: retrying on full image 0
 4RYL672 638ms 1
 1028,1709227,1, 4RYL672,87,00020519,148644324
 Q plate z:0 c:1 @ conf 1664, best of 8, w:280 h:68 101111003 frm 4 o:02
 6FTR058 427ms 1
 1028,1711020,1, 6FTR058,93,00020520,148644988
 Q plate z:0 c:1 @ conf 2608, best of 9, w:280 h:68 101119823 frm 4 o:02
 8T50991 250ms 1
 1028,1711108,1, 8T50991,90,00020521,148645652
 Q plate z:0 c:1 @ conf 1396, best of 13, w:280 h:68 101148983 frm 4 o:02
 8Y06347 372ms 1
 1028,1711399,1, 8Y06347,92,00020522,148646316
 Q plate z:0 c:1 @ conf 1098, best of 7, w:280 h:68 101213043 frm 4 o:02
 6LZY549 209ms 1
 1028,1712441,1, 6LZY549,91,00020523,148646980
 Q plate z:0 c:1 @ conf 804, best of 12, w:280 h:68 101224703 frm 4 o:02
 6LJA623 288ms 1
 1028,1712555,1, 6LJA623,89,00020524,148647644
 Q plate z:0 c:1 @ conf 3150, best of 12, w:280 h:68 101245223 frm 4 o:02
 analyse: retrying on full image 40
 700NBD 1302ms 1
 1028,1713162,1, 700NBD,88,00020525,148648308
 Q plate z:0 c:1 @ conf 1002, best of 9, w:280 h:68 101248643 frm 4 o:02
 5C50171 467ms 1
 1028,1713196,1, 5C50171,89,00020526,148648972

From: Atkinson, John [mailto:jatkinson@federalsignal.com]
Sent: Thursday, October 28, 2010 4:58 PM
To: Chad Monterichard
Subject: Re: One of our 2 Paradise PIPS cameras System settings

Chad,

Could you send me the dump info from the same camera? You can get it from the web page under monitor. That will help.

Also, is the system configuration menu, verify that the time server IP matches the BOSS server.

Thanks,

John
 Sent from my Blackberry device

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Wednesday, October 27, 2010 03:18 PM
To: Atkinson, John
Subject: One of our 2 Paradise PIPS cameras System settings

P372 built for VES - (violation enforcement system)

Version 3, release x06, build 3145

Built at Apr 13 2010 12:29:02

Running on C EXECUTIVE 3.3

Loadable ANPR version: USA California , 2368 from the file flash;usca.eng

John, here's one of the two cameras from Paradise Dr.

Chad

HTML version :1.2 (expecting 1.2)

This system is booting from FILE and the file on the flash disk is called ves3145.z07

To install new software please [click here](#)
or to change the configuration using a script [click here](#).

Network configuration

This system's ethernet IP address is 10.211.134.10

Its netmask is 255.255.255.0

and its gateway is 10.211.134.1

and its broadcast address is 10.211.134.255

To change these network parameters please see the [Network](#) entry in the configuration panel.

This system's default FTP server is 192.200.200.200

The system logs onto this server with the username ftp_boot and password ftp_boot

Hardware

P372 system with an issue 1 board

Serial number 6054

Memory: 128Mb installed at 128Mb

EEPROM: 512kb

119 VRPs available

Ethernet MAC address is 0800 3722 6054

System has 2 camera video channels available with twin control IR and colour cameras

- * Installed options: 00200018
- * ... Compact Flash
- * ... Basic VES with no security
- * ... USA Licenceplate recognition
- * CMD:OK

Invoice

Marin IT, Inc.

4 Mitchell Blvd.
San Rafael, CA 94903



Date	Invoice #
11/11/2010	2010-2878

Bill To
Town of Tiburon Chad Monterichard 1505 Tiburon Blvd Tiburon, CA 94920

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
10.75	Labor- Cooper, David - Per Attached	125.00	1,343.75
14	Labor- Bush, Tim-Per Attached	125.00	1,750.00
10	Labor -Brown, Brad - Per Attached	125.00	1,250.00
	Sales Tax - San Rafael	9.50%	0.00
Thank You		Total	\$4,343.75

For Billing Questions Please Call 415.259.5742

E-mail: billing@marinit.com

Time Billing Statement

Employee Number 2006-001 Cooper, David

Job Number: 2006-10196 - Town_Tiburon- Tiburon_PIPS

Work Date	Qty	Type	Subject	Description
10/15/2010	1.5	RT		work w/ Tim, complete and test T1 config
10/14/2010	2	RT		work with Tim to complete and test wireless VPN connectivity
9/22/2010	1	RT		Pre-configure light pole firewall (vpn) Discuss install schedule Draw / review network & discuss firewall policies w/Chad
9/9/2010	2.25	RT		Install and complete configuration Netscreen Firewall Install t-1 router @ PD Re-Cable as necessary Test firewall policies -PD Outbound -City hall to PD DMZ -PD DMZ outbound -PD LAN to PD DMZ
9/8/2010	4	RT		Prepare Juniper Equipment for Install -PD Firewall -PD T1 router -Lightpole #1 T1 router -Lightpole #2 VPN Concentrator Configure ip addr Basic routing Management name / password Interface ip addr Label

Total: Cooper, David 10.75

Employee Number 2009-011 Bush, Tim

Thursday, November 11, 2010

Page 1 of 2

Job Number: 2006-10196 - Town_Tiburon- Tiburon_PIPS

Work Date	Qty	Type	Subject	Description
10/15/2010	3		Tech Support	Paradise Drive Site: Assisted republic Electric and PIPS tech to calibrate cameras Troubleshoot and resolved T-1 connectivity issues. Found only one port could see the PD network - Installed 4-port hub behind router to provide additional network ports between Router and Camera connections, and tested connectivity. Cameras still could not see network - discovered they had the wrong IP addresses. Chad to work with PIPS vendor to resolve.
10/14/2010	6.5		Tech Support	Worked with Dave Cooper to bring up and test wireless VPN connection for the Tiburon Blvd. Camera. Traveled to Paradise drive camera and did the same. Scheduled return visit for the following morning to finish.
10/13/2010	4.5		Tech Support	Performed onsite network support for PIPS camera WAN connectivity

Total: Bush, Tim 14

Employee Number 2010-015 Brown, Brad

Job Number: 2006-10196 - Town_Tiburon- Tiburon_PIPS

Work Date	Qty	Type	Subject	Description
8/13/2010	10	RT	PIPS Project	7-29 Client meeting 3pm 1hr 8-3 Call with Tim Fawcett 1hr 8-4 Conference call with Verizon 1hr 8-4 Research 1hr 8-10 Follow up Conference call with Verizon re bandwidth concerns 1.5hr 8-11 Site visit with Verizon, check signal strength with engineer 1.5hr 8-13 Call with Unwired Ltd. Discuss project and verify LOS 1.0hr Various Follow-up phone calls regarding ATT, Unwired, Firewalls 2.0hr

Total: Brown, Brad 10

Thursday, November 11, 2010

Page 2 of 2

Chad Monterichard

From: Brad Brown [brad@marinit.com]
Sent: Monday, November 15, 2010 11:43 AM
To: Chad Monterichard
Subject: Invoice for PIPs

Chad,

I have attached our labor invoice for the PIPS project.

We routinely provide vacation coverage and perform over holiday conversion and upgrade services. Did you have a need for us to be on site for a few hours any of the regular work days or is this a just in-case request? I'll check the schedule and get in touch with you shortly.

Thanks,

-Brad

From: Ashley Vallee
Sent: Monday, November 15, 2010 11:25 AM
To: Brad Brown
Subject:

Ashley Vallee
4 Mitchell Blvd
San Rafael, CA 94903
415-259-5742 x-201
415-328-9112 cell
415-259-5689 fax



Chad Monterichard

From: Dave Hutton

Sent: Wednesday, November 17, 2010 10:56 AM

To: Chad Monterichard

Subject: RE: Set aside some time today to train on using the PIPS software

Let me know when he answers you. If it is OK, I would like to sit in. (Just as a review for me!!)

David M. Hutton

Captain



From: Chad Monterichard

Sent: Wednesday, November 17, 2010 8:43 AM

To: Dave Hutton; Steve Hahn

Subject: Set aside some time today to train on using the PIPS software

Steve, is there a time that works best for you? Let me know.

Chad Monterichard

From: Steve Hahn
Sent: Wednesday, November 17, 2010 1:49 PM
To: Chad Monterichard
Subject: RE: Set aside some time today to train on using the PIPS software
1500 hours?

Steve

From: Chad Monterichard
Sent: Wednesday, November 17, 2010 8:43 AM
To: Dave Hutton; Steve Hahn
Subject: Set aside some time today to train on using the PIPS software

Steve, is there a time that works best for you? Let me know.

From: Mesa, Randy [rmesa@federalsignal.com]
Sent: Monday, June 15, 2009 8:14 PM
To: Chad Monterichard
Subject: RE: PIPS quote and visit

The attached document may help with your initial questions. It refers to an older version of BOSS, but most of it is still relevant.

Randy Mesa

Regional Sales Manager-Sacramento Office

Cell: (916) 397-0772

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Monday, June 15, 2009 4:56 PM
To: Mesa, Randy
Subject: RE: PIPS quote and visit

Hi Randy,

Thanks for these docs and for taking time to talk earlier. I spoke with Dan Brannon at Ripon earlier about their setup. Is there any chance I could speak with one of your techs about ways we might connect the cameras to our network? Let me know.
Thanks,

Chad Monterichard

Town of Tiburon

(415) 465-2124

From: Mesa, Randy [mailto:rmesa@federalsignal.com]
Sent: Monday, June 15, 2009 1:00 PM
To: Chad Monterichard
Subject: RE: PIPS quote and visit

Thanks. Can you email me a couple of pictures taken by your cameras. I want them to be included in the staff report so the council can see what we'll be seeing.

Thanks,

Mike

From: Mesa, Randy [mailto:rmesa@federalsignal.com]
Sent: Tuesday, February 03, 2009 4:19 PM
To: Michael Cronin
Subject: PIPS quote and visit

Thank you Chief Cronin for the opportunity to present the Federal Signal PIPS ALPR solution. We are lowering our prices any day now for a few of our products. I don't think our Spike fixed cameras will be affected, but I'm waiting till the new price schedule is released. Should be any day now. I'll prepare a detailed quote for you at the latest by early next week.

Thanks for your consideration.

Best Regards,

Randy Mesa

Regional Sales Manager-Sacramento Office

Cell: (916) 397-0772

Federal Signal Public Safety and Security Systems

www.pipstechnology.com

Need additional support? Call our dedicated support line at (865) 392-5590 or email support@pipstechnology.com.

From: Atkinson, John [jatinson@federalsignal.com]
Sent: Wednesday, July 21, 2010 6:28 AM
To: Chad Monterichard
Cc: Kevin.Aguigui@kimley-horn.com; Robinson, Kris
Subject: RE: SQL Server version

Good morning Chad,

Here are a couple of users who are using cell/Wi-Fi data communication for their fixed cameras. Please feel free to contact them for the specifics on their configuration.

South Gate PD

Sheri Kooman

323/563-5483

skoomen@sogate.org

LAPD

Jason Liguori

562/841-8999

36091@lapd.lacity.org

LASD

Sam Paul

562/345-4472

sspaul@lasd.org

Best regards,

John

From: Chad Monterichard [mailto:cmonterichard@ci.tiburon.ca.us]
Sent: Tuesday, July 20, 2010 1:51 PM
To: Atkinson, John; Mesa, Randy
Cc: Kevin.Aguigui@kimley-horn.com
Subject: RE: SQL Server version

Hi, John. This is Chad out in Tiburon. Do you know of any customers who deployed fixed PIPS cameras and used wireless cell links for communication? I'm looking for feedback on ideas from people who've done something similar. Let me know.
Thanks,

Chad Monterichard

Town of Tiburon

(415) 465-2124

From: Atkinson, John [mailto:jatkinson@federalsignal.com]
Sent: Monday, July 12, 2010 4:43 PM
To: Chad Monterichard; Mesa, Randy
Subject: Re: SQL Server version

Chad,

You should be fine with the workgroup edition. Only 1 license should be required as the data access to SQL is all made from the BOSS server. The users make their requests in BOSS and it will query the SQL database

John
Sent from my Blackberry device

From: Chad Monterichard <cmonterichard@ci.tiburon.ca.us>
To: Mesa, Randy
Cc: Atkinson, John
Sent: Mon Jul 12 18:39:34 2010
Subject: SQL Server version

Hi, Randy and John. Thanks for talking on the phone today about Tiburon's camera project.

Question about the version of SQL we should get: for a system like ours with 6 stationary cameras: do you know if we'll be able to use Microsoft SQL 2005/2008 Workgroup Edition (as opposed to Standard) as long as we get enough CALs for each of the cameras and users who would be connecting to the system? Do you know of any reason why we would have to use the Standard version? Is the BOSS software compatible with both?

Here's some info on the different SQL versions:

<http://www.microsoft.com/sqlserver/2005/en/us/Pricing.aspx>

Thanks,

Chad Monterichard

Town of Tiburon
(415) 465-2124

8-1-10

=====

14" panel antenna could be mounted on the front face of the existing camera, could

if we got lucky, we could mount the enclosures facing toward the

mid-point site needs to have power and be able to see both sites.

14" panel antenna on each one.

the design of portabella

yagi antenna

check with midpoints that could see both locations

=====

Working on the communications and the necessary equipment. Now know we're going to need separate enclosures. That's where AC power will have to be provided to.

Costs: estimate of Marin IT's time so far. Estimate possible hardware costs so far.

Time is the main constraint; then it's budget.

Why didn't proceed with the land line option. Not Knowing our timeframe and how far along the engineering was as of last week, I didn't believe there was enough time to make DSL or a T1 happen. The buildout time for a T1 is typically 4-6 months, and DSL doesn't support the upload bandwidth we'll need for 4 PIPS cameras on a single pole.

Current assumptions:

1) We'll need a separate enclosure for the communications equipment. I'd like the recently requested AC power strip provided to that enclosure. Don't yet know the dimensions of the enclosure, but it'll be NEMA 4.

