

Property of _____

Address _____

Telephone _____

BWMcDonie/56
@gmail.com

This I
from
archiv



INDEX

295 Application Temp's:

Winter conditions - Apply at 212°

Summer conditions - Applied at 220°

Coating set up way too fast. Pipe
temp. was 111 prior to heating.

Shawn
362 673 6128

5/30/2014

Coating Forms:

- How many Testex per weld?
- Specs for hours unwasted?
- Do we need jeep report?
- Need DOT meeting for VT specifics.
- Is this line considered distribution

Sign in - go to My Training - look at:
901

6/2/2014 Field Off.

9:30 AM Electric company (Omega Electric) arrives to hook up power for field off. trailers. J.R. is on Phase 6 today

- For coating specs, VGS refers to the manufacturer's recommendation.

Freddie says he'll use 4 welders total except for stations per Hugh.

SKids arrive at field office.

6/3/2014 Field Office

8:00 AM Omega Electric is back to continue running power.

- Above Ground Coating Report
- Liberty Coatings order. Need to talk to Wally Armstrong 978.815.8336
- What is needed for billing?
- Get price & procedure for Priter.
- Find photo coordinate tagger

9:00 AM Meeting at VT Gas

Lapallo Rvr., HWY 2A, Redmond Rd

- Above are 1st things to have stated.
- All 3 are drills

Pay Item tracking needs to be addressed.

6/4/2014 Field Off.

More skids delivered. Trenching machine delivered to HWY 15. Constⁿ yard limits staking completed.

- Repair method for Priter Holidays?
Tape, Patch, or sleeve. See email.

6/5/2014 field ofc 1/2 VT Gas ofc.
8:00AM Spoke w/ Mike Flock and
Wally Armstrong concerning Liberty Crossing
clarifications on the phone. Then
drove to VT Gas ofc. and met with
Mike Flock and briefly finalized prior
discussions on watering & bending.

- At golf course, look at mound
in SW corner. Can we avoid for
loss restoration. Look at tracts
in the NW corner of golf course.

- Will golf course be used to
access adjoining properties after
construction is completed on
the golf course?

Alex 802 233 2603
LOUREBANAS

- Burt Moffett 802 879 5279

6/6/2014 Safety Training (Comfort Suites)

- 242 land owners

- Work hour exceptions:

- HDD work

- Erosion control

Standard work hours are 7am to
7pm on weekdays, 8am to 5pm
Saturdays, No work Sundays.

No deviations from prints on
anything w/out VGS approval

All visitors must sign JSA.

Shakers will be worn on hard
hats for positive I.D. (Anti-protestor)

Lightning strikes w/in 15 miles =
Stop work

PC 4 "INDC" Permit = Storm Water
Permit

Street sweepers must sweep
debris back onto ROW

DPS Insp = Jason Morris

Clearing crews are the only exception to using ECD's

Secondary containment?
Need specifics*

Accidental water discharge from ROW: We are not in trouble for the discharge unless we do not take action

5' trench or deeper requires protective system

Hand dig or vac truck w/in 18" of X-ing / foreign utility

6/7/2014 Field Ofc.

6/9/2014 Field Office

8:00 AM Survey Meeting

Kickoff = Week of 23rd

Survey priority = Main View 21 to Redman, Laplatte Rvr drill (drill South to North), 2A (from Armand's Shop to 2A + Railroad, Pull back area on the north side of the Wilkouski Rv.

Mike F. proposes new access rd. on west side of 2A.

Dave Walker will be the contact for ROW issues. Survey shall make notification to D. Walker giving their work locations as many days before working in each area as possible. VHB

Const. stake → env. survey → clearing

3 rows of mesh ribbon along ROW for wetlands.

Re-enforced silt fence as shown
in prints

Survey will lay out pipe yard
this week then hit the field
next week.

On the emails, the "TO" line
requires action.

Mike Gammas will be survey
coordinator.

Env. is having signage made
now. To be completed by next
week.

July before construction begins
Freddy wants 3 mainline crews,
bores, and drills will go on
simultaneously.

Mike ask that Freddy line the
trench w/ geo-text in rock
areas (a specific location was given)

Meet on Monday at 8:00am w/
survey at field office.

Wally Armstrong:
2 coating kits w/ unit cost
Does he need P.O. for billing?

Rob w/ M. Flork around ROW

Look at Lyndeen's email folder:
Daily Insp. form
Reports → mainline (for Chief
Report = Compiled Daily Report)

6/10/2014 Meetings at field off.
8:00AM Discharge Permit Meeting
for EPA. Need permit & Notice
of Authorization.

- Joey Wilson will be our go to
guy for Environmental issues &
concerns.

10:00AM Meeting
VHB has done all env. permitting
#4 rock vs gravel for env. purposes

Need to look through prints at
test leads $\frac{3}{4}$ type, etc.

~~*ASK FOR CERTS ON ALL UNITS~~

~~KTA 6/11/2014 field ofc~~

~~#725 Defelsko Positector 6000 FT1~~

~~#35 Testex tape X-course (1.5-4.5 mils)~~

~~#213 Analog spring micrometer~~

~~Surface temp thermometer~~

~~IR~~

~~Slings psychrometer~~

~~Insp. kits ordered fr. KTA~~

Materials needed for project.
CITA (eng. group) won't give list
of materials needed.

Already have a list of P's
over 30°. Need to compare
list from middle man that
was used previously to what
we have now.

(D.M. Flock, work w/ Edgen
Murray to get list of what
been ordered $\frac{3}{4}$ location of
items

(2) Get CAD files from Charlie

(3) Lynn Leanne: Get list of
bends over 30° from Kenny

(4) Pull B.S.N. from drawings

- m.l. fittings

- m.l. valves

- m.l. pipe

- water station materials

Compile all info onto spread
sheet including... Look at
material spreadsheet Hugh
made for stations plus D.O's,
manufacturer, heat n's, make
clear materials received - yes
or no

Lynn Leanne needs to call the
material man and get
master materials list.

Have Hugh call Jose Jimenez
or Brian Rack for master
material list if not able to
find list from Spectra job.

Lynneanne - Check w/ Charlie
if we can have a room at the
ofc. to work in.

Have Mike E. look at Redman
P.D. P.I.'s. They need to straighten
of some 90° P.I.'s

Lynneanne - Check w/ Charlie
to see what's been ordered
from Custom Alloy w/ etc.

Status of C.P. Check
w/ Charlie on C.P. companies
slope/materials

Need TFC drawings asap

Restoration materials? Who
provides?

What pipe & fittings needs to
be coated? Where is the
material (any fittings not coated
can be field coated).

Casing material for bores?

San 2 $\frac{1}{2}$ other backfill materials

ETA on O/U's bending machine?
Joe P. says he don't know

Need either the contracts or
the scope of work from the
contracts.

X Will welds between conc.
coated pipe be coated w/ shrink
sleeves or 2 part 7=2 Part

What will be used to repair coat's
at fast lead wire installations?

6/13/14 field Ofc.

From Mtn View Rd (476+00) to Valco ROW (457+50)

- The previously noted bends will be enough granted
that the bends going forward to the PVR. will
in fact be delivered w/in the 2 wk time period.

Can get in 3-4 days, will be available wk of 23rd

Charlie says tell Freddie to get bend's eng on way. Freddie says he'll check to see if bend's eng. is still available. If so, have Charlie send email for verification or approval.

- Not available

6/14/14

Prints Delivered on 6/13 have
P6-35 mixed up.

6/16 Survey Meeting

- Colors approved
- Laplatte Rvr, cowfields

7:00AM Welly 6/18 meeting

Redmond Rd → Volvo ROW good to go.

2A

Call Freddie to look at garage near 2A. (427+46 approx)
Possibly look at straightening out the 4 pt. box signs.

Need casing for RR X-ing south of Winowski

ROW 789 to 15. need staked yard 1st then

Freddie wants clearing for North View to Volvo then move 789 to 15. Stake this $\frac{1}{2}$ access rd.

EC1 needs Lapelle RVR,
then 2A, then Winooski RVR.

9:00 AM VTrans III meeting

- Not part of Dig Safe
- To be notified at same time as Dig Safe
- Safety / Jersey barriers needed if excavation left open w/in 35' from road. Clarification to come from Fay, (Env.).
- Jersey barriers needed along work area when working along road.
- Watch for falling rock in areas with ledges
- Get Jersey barrier type install required by VTrans.
- Need sheeting if 5' fr. pavement.
- Stock pile behind Jersey barriers.
- No truck traffic on ? bridge. Bridge has 24,000 lb limit.

1 Gal of paint, comparable brushes by tomorrow morn. training

Rents needed:

Started on 23rd, no pipe install until 30th. Need the Rents for Mtn View Rd to the Rvr. $\frac{1}{3}$ for the mile where Freddie's 2nd crew will go. I already have Sta.#'s for Mtn View Rd to the RVR. So, for the mile, these Sta.#'s are from 118+48 to 182+00.

118+48 to 182+00 (Extra Mile)
365+89 (Rvr.) to 475+00 (Mtn. View Rd)

Need Freddie to put schedule onto spreadsheet.

4" cut back was probably because
of temp. during welding.

Before applying the shrink sleeve,
pre-heat to 140°. Keep torch
moving for uniform heating.

Can place one 18" sleeve over
another w/ min. 4" overlap.

Can FarWest give us some
sort of documentation/
warranty/guarantee that
if we order from them that
the 18" sleeves will work w/
the given dimensions of
cut back plus possible
shrinkage of pipe.

6/17/14 Meeting

Wet survey hits the field.
Env. survey starts today.

6/19/2014

Spoke w/ Freddie about the proposed
access rd. off Landfill Ln. Needed
to address line (1) from Dave Walker's
email - specifically "duration". Freddie
estimates: 2 week of main line install'n.
Plus prep work of the proposed access
rd. (laying rock along rd, trimming trees,
etc.) Additionally, the HDD pull back
area in the same area will need to
be factored in (stringing, welding,
coating, etc.) making it difficult
to determine total duration that
the temp access road will be needed.
- I'm hoping that the HDD work
will come after main line install'n and
we can access the HDD pull back area
from ROW entrance at 2A.

→ 215 736 1111

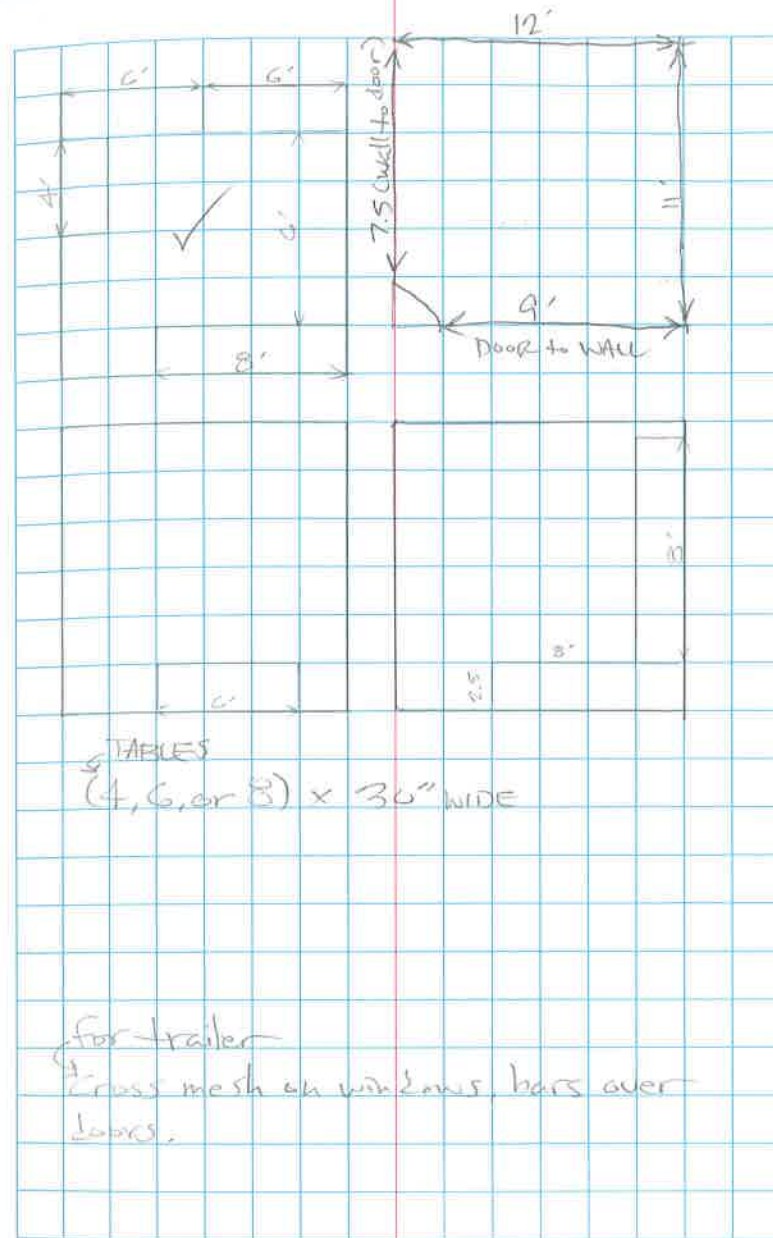
Sarah Lamb - call, get etc. of small
diameter pipe for FW Webb. Call Randy
Vanillion at Frank Lill

6/21/2014

- Address D. Walker's email about Land fill Ln. access rd.
- Email Duns about the ph call she let me & Randy have w/ Aliz & Glynn.

Landfill Ln. Access email:

Mainline install from 84+60 to 104+00.



6/23/2014

Staking completed on .PDF completed.

- Pull bk. N. of Winoski Rvr.

Staking completed.

- ECF wants to drill pilot from N. of Winoski instead of planned south side.

- What about access rd x-ing at $44^{\circ}28'37.66''$, $73^{\circ}03'51.8''$.

↖ - Stake Williston M $\frac{1}{2}$ R soon

- 289 $\frac{1}{2}$ Redmond will also be staking priority and worked on immediately

- Clearing to begin as soon as ACOE permits.

- Wetland boundary is marked currently. VES will have Env. bunch put marks 100' back from wetland boundaries for no fueling.

Bare-aid = Program that builds/designs pipe according to slope distance.

When reviewing new prints, look for tight areas of ROW that may require hauling spoil off ROW.

- Need drafting table w/ lip per Mr. Kenny & Hugh.

Survey:

- Mark the road x-ing at the rd also ($\frac{1}{2}$ water body x-ing's)
- Box corners at extra work space.
- Label lathes w/ writing facing towards ROW
- Streamers crossing line of sight

6/24/2014

Reasonable Suspicion Training meeting

9:00 AM Thursday ACOE Permit meeting. Construction to begin immediately after.

Conc. coated pipe to be placed
on the ground then stacked.
Stacking is in question Contractor
to ^{be} done at contractor's risk.

What about the 8" pipe
for o/s boxes?

Get w/ Chas to establish a
chain of communication for
daily survey progress.



1:00 PM Town of Williston Meet's

- Town to check on existing utilities
at driving range (fll. etc.)
- Town wants $\frac{1}{2}$ size set of
prints $\frac{1}{3}$ 1 full size, $\frac{1}{3}$ PDF
- Joey will get copy of
"Application for Permit to Open
Streets or R.O.W." that CITA issues.

All permits have been approved w/
exception that the dig safe #'s
are provided.

802
373 6004
Aaron Ciosek

→ Freddie's contact for
field issues.

- Freddie to send B floor the
Dig Safe # for the year.



6/25/2014 Mr. Joe P needs info
so he can go ahead w/ coating purchase

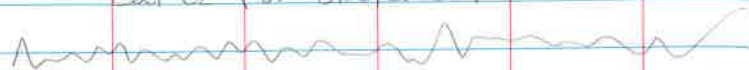
	DIAM.	WIDTH	COLOR	
(60mils) PLA-315-450	↑	↑	↑	YE (SLEEVE)
	12.3"	18"		

		COLOR	THICKNESS	
(75mils) K60-315-450	↑	↑	↑	YET (WRAP)

Mr. Joe needs to see the "meet or
exceed" note in specs.

Also need the approved coating list.

Mr. Joe needs to find where he saw on the specs where VGS called for skotchote



3 WE valves - Cameron T315
6" 600lb were ordered.

→ All are pushed bk til late August.

Grove valves can be here in 3 wks but are made in China which is against spec

State of VT requires domestic materials

D. Walker understood if the access lane will most likely be for big equipment only

Area is used for snowmobile & atv traffic. - be aware of these

D. Walker agrees to flaggers.

LA & 789 Intersection is clear of public works utilities

220+00 (approx) is a xing water line.

Essex Way sewer & water lines cross.

Rt -15 is a sewer xing.

15° or less is typical for HDD entry and exits, Per K. Gantenst

6/26/2014

ACOE Permit Meeting

Mike Adams - ACOE Rep.

- to be notified prior to problems if possible
- Permits allowed impact to areas & wetlands to be restored after const.
- Exp. June 2015. Ask for extension prior to expiration
- Copy of permit needed on site
- Each inspector to have copy w/ at all times
- Compliance cert: submitted 1 month after completion
- Wetland boundary del'n to be identified at grave parcels.
- See item 12, pg 6
- See item 14, pg 6 for insp'n requirements

- Item 16, pg 7

- No wood chips to be introduced to streams

- Item 32, pg 9 - Arch. sites.

- 3 wk. notification required for change of plans as far as construction

- Joey W. ask to cross check ACOE cut sheets to our prints

* No Parking on grass in front of Williston Ofc.

Aaron needs O/U's basic plan of attack in order of operations.

Did survey stake the 2A HDD?
Needs to be priority.

→ Donald says area will be staked 6/27/14

Clearing equip^t will arrive
~~tomorrow at noon~~

Freddie needs land owner
agreements as to what
happens to cut trees for
land between Redmond &
the river.

Guess timetables on const. schedule:
If the clearing crew starts
Monday 6/30/14 and clears 500'
per day then July 3rd they will
have 2000' cleared.

Lynndene needs her receipt.

6/30/2014 Survey Meeting

PG. 1 of .PDF is staked

PG. 2 - Little marking will be
done here.

PG. 3 - Will be staking this week.

Need to look at possible re-route
on PG. 3.

- Freddie to begin removing top
soil on north side of Winowski.

- Env. only doing env. delineation on
Mondays. ERDC plans show exactly
what kind of markings are to be
used for env. (silt fence, ribbon, etc.)

Nathan - Lengthening 2A under
RR tracks. Spk^t about
additional survey under 2A

- Sched. RR flagger w/ RR
but note needs to know if there
has been notification made to the
RR - "notice of entry"

→ R95 tomorrow at 6:30 AM

When is Wally training Ph. 6?

- When will 2nd training be for Ph. 1?

→ Freddie sending Phil crew members
up tomorrow

Needed at coating meeting:

Mark Texera

John Flann

Elyn Williams

Nally Armstrong

*12" x .500WT PIPE NEEDED

12" x .500WT

10'4" per MLV

→ 10.33 per MLV

= 72.31 (Total) for
all 7 MLV's

Colchester Launcher (42' total)

Middlebury Receiver

2'4 1/4" (42' total)

5'

11'3"

19'

4'

$$72.31 + 42' + 42 = 157'$$

453+50, West Row line needs
staked at Rd. intersect - as do
all E.O.P.'s 1/2 wetlands.

- DOT Inspector says p.l. will be built as it were to be run at map.
- Shrink sleeves may not be to code as it may shield C.P.
- All coatings shield to a degree. The ? is, what is the tolerance of shielding allowable!?

options:

- 1) Shrink sleeves
- 2) Tape
- 3) Wax tape

May sand blast prior to shrink & sleeve application.

N. Side of Mtn View Rd.

Pwr. Pole # 57176 or # 26 (has both #'s on it) at approx^o sta. 476+00, looking d/s, is 6' to the rt. of & w/ the guy anchor at 2' outside of ROW on lt. side.

How close can we dig to pole?

Pwr. Pole # 50K or # 25 or # 98861 near sta. 474+50, looking U/S, is 4.5' to the rt. of &. Guy anchor is to the rt approx 15' off ROW.

E. Side of Redmond Rd.

Pwr. Pole # 57132 at approx^o sta. 452+50, looking U/S, is 9' to the lt. of & (and 11' to the rt. of e.o.p.) No guy anchor.

Pwr. Pole # 12 or # 57135 near sta. 537+75

7/2/14

- Joey needs lathes doubled up on N. side of Winoski Rvr.
- Lynn/Leanne needs pwr. pole info.
- Need to tell Mr. Joe no sleeves on cone. coated it w/lds.
- Joe asks can he order the RSS, and - if coating damage is incurred while bending Pinter coated pipe, what will be the repair method (tape, etc) and who will incur the cost.
- Does dig safe permits or any other kind of permits need to be posted at bore pits or other excavations?

2 Trucks of pipe arrived at williston yard.

7/3/2014

Is clearing $1\frac{1}{2}$ m or hard
to? If hard, is JR's to
from good enough?

Eventlitwin@gmail.com

→ (17) 777-0707 - only for emergency

Evan Citman visits from apartments next door.

CONCERNS:

noisy equipment, the screechy
track hoe specifically.

dust, possibly use water trucks.

possibly put golf screens back up

A woman in the 200 bldg (closest to 15) has a kid w/ severe dust allergies.

- The entire complex was not notified of project during permitting through the public service. The complex has a lot of minorities and are section 8. We'd be in violation of VI fair housing laws.

- Evan contacted Williston Town w/ no success from them Williston referred Evan to the state.

- Evans contacted the state July 2nd
- Many apt. units do not have a/c.
- Those units open the windows to cool towards our yard.
- Champlain Housing Trust owns the complex

Kenny suggest sound curtains.

Clearing: Trees cut from N. side
of Mtn View Rd. (481+25) to
441+00 (along Belmont Rd.)

 $409+00$ to $400+75$

* 2 Metal posts w/ locks at 40¢ + 50¢

* 403+50 (in curve), drop of $\frac{1}{2}$ pwr. pde.

420+00 to 435+00 may need flume in bar ditch!?

Ph. junction boxes at 437+00 & 440+00.

7/7/2014

Survey Meeting

Today - Begin staking Mtn View Rd. to golf course.

Tomorrow - RR to drill on S. side of Wnauksi.

Then to 289.

Drill work under RR's can't proceed until notification is made to RR's. RR only issues 60 day permits.

- Env.

N. side of Wnauksi to HWY 117. w/ the exception of gaps not surveyed yet.

Env. has completed from Mtn View Rd. to HWY 117. (416+00 to 478+50)

Need Mtn View Rd. south to the 70° at golf course - 490+75

- Have Donald survey the garage on Redmond. At the same time Survey takes elevation shots. have Chad take photos & film.

- Where are test lead sta #'s shown on the prints?

- MLV#1 absolute distance? Is it currently represented by slope or horizontal distance?

7/8/2014

Meeting #7

* Need general idea of inspectors needed for active sites/minus July, Jim, I. Give to Lynne Leane.

Unload pipe in yard, finish access rd on Redmond, starting rock removal on south side of Mtn View, Williston Rd bore pit

- Need scatter shot from contractors.
-

Daily Reports:

- When referring to people, give full names & title
- One purpose of daily reports is to be able to recreate the day from documentation. If you can't recreate the day from your reports, no one else can.
- Check the boxes that pertain to the day's task.
- Only put stationing where it applies. Some ATWS does not apply, etc.
- Pay attention to equations
- Agree on pay item footages with foreman daily
- Pictures
- Spell check
- Send pic of signed pay item report from contractor
- Got Town right. Can be find on prints.

7/11/14

Issue w/ adding a rock entrance on Redman Rd (near 46+00) came up. Joey Wilson to provide ammend^t allowing the rock entrance to be built for same reasons as issue from 7/10/14. Reason being that our ROW adjoins or overlaps the road ROW and we have a permit allowing disturbance of road ROW.

7/12/2014

Insp.ⁿ books issued, meeting w/ Insp.ⁿ team was held at 7:30am.

7/14/14 Survey Meeting

- Const. to start next wk. on Middlebury station.

Freddie's priorities for this wk:

- 1) 289+00 to 181+00
- 2) 367+00 to 373+00
- 3) Upper Main/Rt. 15. - 352+00 to 220+00.
- 4) ~~Q~~ Staking along Mtn. View Rd
1/2 Rdmond.

Krista:

Caught up to survey. Except access Rd. 41 - to be finished today.

McDonald's, Bolivar, Big 3, - No Access

Relocated from candy shack to dbl. wide ofc. trailer.

190+00 to 179+00 - Chad f says only N. side of ROW is staked. VHB called (Chad).

3:15pm G.C. Morris visits. Marc T. arrives at same time.

- Abilities need to be addressed by G.C. Morris.
- G.C. wants to see where JSA's are required. Who mandates these.
- Got GC hard hat brim
- G.C. did not receive the work look ahead until 2:00pm. ID did not have any work beyond Sat'Y of this wk. creating a gap for this morning's activities.
- John McCauley will assist G.C. w/ State inspection Next month.

Spoke w/ William Bond of Rep. 2 Set. He referred me to Mark Connolly (860) 655-1250. - VT Rep for Rep. 2 Set

7/15/14 Const. Meeting

X - Middlebury station needs survey immediately. (Lil at M $\frac{1}{2}$ R)

X - Joe ask about RR x-ing at Fay Ln. Warned by VGS Joe is going to go up the bore.

X - Freddie asked about frequency of updating log site.

- O/LI to begin receiving Pritec water 7/16/2014. Stringing to begin on Belmont $\frac{1}{2}$ Mtn View Pritec to come to lay down yard then be escorted to ROW.

Clearing along 289 to continue.

Set up Mtn View bore pit.

2A bore is directly under power pole.

125 mats to come from Ph 6 to be used on Belmont

More for Fay Ln. to come.

Freel to coordinate w/ ECI about RR flaggers as ECI will move in to Fay Ln. RR bore. RR flaggers need 1 wk. notice.

- OSPC to be able to provide total amount of Earth disturbance at current time.

- Krista R. introduces new Env. Insp.

- O/LI to put on pull heads after ECI builds them.

- Welding to begin on Mtn View next week.

Brandon CHA

Chris Leforce VGS

D. Johnson

Tyler B. CHA

Chris Leforce to be VGS go to guy (Adam Jero $\frac{1}{2}$ Kato Rich for help)

- CHA to use 1 man crew, have 4 available (GRS)

- CHA to develop data dictionary

7/16/14

9:00am Scott Am. Grn. Mtn.

At 2A on S. side of rd. at 549+15, looking d/s, Pole # 57056-71 is 2.8' H of G. We resolved this issue by relocating G 9' East.

On S. side of rd. at exit pit, Mr. Scott says the farther away the better. Same for both poles on Mtn. View. Can dig under wires.

The utility line at 452+50, need underground wire trench to house.

The pole at 537+75 has 3 guy anchors. 2 farthest away from pole are Grn. Mtn. (green sleeves). The yellow sleeved guy anchor closest to the pole is telephone company's.

Pole # 57138 at 438+50, G is between pole $\frac{1}{2}$ anchor. Good to go.

Pole # 57139 at 435+90, need to go w/ our G, between the pole $\frac{1}{2}$ the rd. We have approx 5' between pole $\frac{1}{2}$ permit easement (plus 1 w.s. to G of rd.)

Pole 57140 (next pole north). No issue.

Pole 57141 at 431+70, our G is between pole $\frac{1}{2}$ anchor.

FYI - 428+70 is u/s elect. X-ing feed the house on east side of rd.

Pole 57145 at 420+10, we need to reroute to west side of pole placing us between pole $\frac{1}{2}$ rd. We have 4' w. of pole to permit easement.

Pole 57149 at 417+30, Pole is 1' west of G. We can move to between pole $\frac{1}{2}$ rd.

Pole 57150 at 413+90, can lay as is between pole & anchor.

Pole 57152 at 407+75, can lay either side.

2 post (possible monitor wells) at 406+75.

Pole 57154 at 405+50, can lay between rd & pole.

Note: Scott says during const'n, anchor the pole w/ a track line chain to the bottom of the poles.

Pole 57155 at 403+25 (in curve), lay between pole & anchor.

Pole 57156 at 401+00, no issue.

Pole 57157 at 399+50, install MW-1 under power line! ? What about blowing down at this valve?

Chipping completed fm. Mntr View bore pit (481+25) to Velo Row (457+00).

453+50 to 429+00

409+00 to 393+00

At yard, witnessed coat's repair of pipe to be conc coated.



7/17/2014

Helped establish @ at bore exit pit on Mntr View.

Documented waiting repair after jeepling in yard.

Worked on compiling info into manual & electronic tracker.

7/13

Began the day continuing updating trackers.

9:20am LD re directs my tasks from tracker to needed P.I. bands for 1st 11 miles.

7/19

Continued working on band spread sheet, comparing bands needed vs. bands ordered. Left to help LD move into apt.

7/21

Survey meeting

- Go back at swamp for 181+00 to 187+00 (See PG 26)

X - Mark ROW on Redmond at fences for LD.

X - Fay Ln. issue resolved. Access Ln. will shift slightly.

X - Troy W. to contact Middlebury M&R farmer contact about fencing.

Priorities:

- ~~4~~ stake for Redmond (2500' from Mtn. View) $\frac{1}{2}$ Mtn. View 22. $\frac{1}{2}$ Middlebury M&R

- Resolve ROW issue at 181+00 to 187+00.

- 351+00 u/s to Essex Way (241+00)

- Fay Ln Access Ln.

X - Mill Pond Rd 24+00 to 29+00, plus 6 at Rd X-ing. Afterwards LD ask me to look for potential issues. (SEE PG 27)

- Charlie ask to have PFI to Tyler providing new drawing for 2A. Me $\frac{1}{2}$ Hugh sv. suggestions.

X - Charlie to provide Freddie documentation to use Cement All. Call and make sure it's on the shelf. (Charlie to call & see)

- Freddie to install on Redmond Wed'Y.

- Find spec on conc. for curing.

X - Find spec on printer jacking bolts. Compare to NACE standard.

- Krista caught up w/ survey except:

- Access D2

- Access D3

- 181+00 to 187+00

- Access R2.41

- Rvr Rd. to Rte 15

- Mill Pond Rd.

~~~~~  
on Redmond at poles:

X \* Need cover/sleeve along pwr lines to be put on by pwr. company. when digging under pwr. lines.

Need a couple of days notice when constructing near poles. Charlie wants Grn. Mtn. Rvr to hold poles.

X \* Give Charlie a list from pole to pole using pole #'s where splice sleeve need to be placed. (See PG-27)

~~~~~  
ROW from 188+50 to 178+00, can we adjust/shift entire ROW 15' south to get out of water & have south ROW limit hug toe of slope?

↓
Me, LD, Joey W., Freddie, DJ, & others went to the field. Joey W. to look at permit amendment. DJ to have the area surveyed then submit to CTH for re-design.

We are using CFR rules for depth of cover

- 3' minimum
- 4' in agricultural areas
- 5' under & of road w/ 3' minimum in ditch

For bedding, we'll use sand bags. For the areas in rock that had called for geotech & sand, we'll see how the trencher works. If it leaves a clean trench we'll use sand bags there too.

~~~~~  
Pwr Pole info for Charlie (PG 26)

Need orange sleeves on wires for:

- 57176 to 48861
- Under Velco ROW lines?
- 57138 to 57139
- 57139 to 57140
- 57140 to 57141 <sup>on east side of road</sup>
- From 57141 to e.o.p. heading to 57142

- Going from 57144, sleeve o.h.p. from east e.o.p. to 57145.

- From 57145 to 57149

- 57149 to 57150

- 57150 to east e.o.p. going toward 57151

- Going from 57151, east e.o.p. to 57152

- 57152 to 57154

- 57154 to 57155

- 57155 to 57156

- 57156 to 57157

- 100' past 57157 going to 57158

X 28' from fire hydrant to & of Mill Pond Rd. (SEE PG 25)

~~~~~  
7/22/2014

GC Morris arrives

- I need to get w/ conc. coater to check specs, procedures, etc.

- Documentation methods, GC mentions that we are spot checking.

- Need specs on ALL tasks. EC didn't see specs for conc coating contractor.

-
- W. Armstrong needs approved coating list

Const. Meeting 9:00 AM

- Forms built on Williston M $\frac{1}{2}$ R
- S. Wilson to handle fencing. Hugh to stay in touch w/ survey for M $\frac{1}{2}$ R sta.

EC1:

- Plank Rd $\frac{1}{2}$ 2A HDD's submitted and are near completion and approval.
- Needs as much notice as possible w/ flagging. Freddie to email giving notice for flagging.

O $\frac{1}{2}$ U

- 4 out of 9 welds x ray'd on 7/21.
- Need to coordinate on x ray's near roads.

- Will not be granted the Land fill in access.

- Need access rd. to west side of sand plant's drill.

- Charlie ask Freddie to stock pile a load or so of Pritec coated pipe. Freddie says he will after conc. coating is slowed down.

Velco Meeting 10:30 AM

- Safety is Velco's 1st area of concern.
- Velco touched on establishing chain of communication & proper actions in case of emergency.
- LD asks Freddie to install goal posts for o.h.p.
- Flagging at Velco ROW entrances.
- Freddie, Rich, Chad F., to go w/ Velco rep's to field for issues. LD wants JR to go.
- Velco does not come to field office to check in.

- Map Guide App, Velco set up app for being notified of work along their ROW. Velco makes us an acct onto their system. App is set up like google earth. Once the acct is set up, the same info can be input via laptop.
- Get in touch w/ Andrew at Velco for me to set up acct. Pete to set up the acct. for O&H.
- App is not an actual app, but a visit to Velco website.
- Need clearance profile / sag analysis for each xing area.
- Need a clear look ahead presented to Velco (1 week needed).
- Equip⁴ to be grounded under O.H.P.
- Velco expressed concerns about tree trimming. Doug Cook clearing to be aware.
- Do not leave equip⁴ parked under O.H.P.

- Clearance for ReLund to come after this meeting.
- Scott to be 1st means of contact



7/24

Meet w/ Tyler B. looked at MLV-1 for possible relocation, looked at 2A x-ing. Both to be resolved and info relayed back to const'n team.

- Meet w/ Kevin Ames.

Kevin needs to know are we using sand for bedding instead of dirt through the shaker bucket. How high over the pipe does the bedding need to be? His concern is that the soil type (clay) won't compact if it gets moist or wet - says the tamper will sink and get stuck in the clay. He heard no equip⁴ could be run over the line w/out mats or used for compacting.

SEND eq⁴ including P's about what equipment can be used to compact.

✓ - Do we install caution tape over the pipe as stated in the specs? Who provides?

SEND (SEE) &
APPLICATION METHOD
FOR CEMENT - ALL

TACK PLATE
ON INSTEAD

At conc. coated welds, what will the application process be? Kevin suggests putting the mesh around the area to be grouted, wrapping sheeting around it, then pouring. Once lowered in, can the loose ends remain exposed and night cap them off? Kevin heard the loose ends had to be capped by weld $\frac{1}{2}$ cap, covered up as to not be exposed, then dug up the next day or at tie in.

✓ - Specs say padding is only to go 6" over top of pipe. Is this enough? The next pg. in specs (under gen. compaction) indicates what is to happen w/ 12" of fill over the

Send Freddie email asking for process of applying cement all. Copy LD & Charlie.

- Velco permission yet?

- MLV-1 new location to potentially be at 350+00. Next one south (MLV-2) is at 755+00. Need to check the absolute distance between the two. (40,051' between valves)

24113 OVER SWILES IN TUNNEL
distance only

Me or LD to go to VTRANS meeting 1:00 pm

7/25/14

PIPE IN THE GROUND!!!

7/26/14

Stayed on ROW til 11:30am. Came to aft. talked to LD. knocked off 5pm. after updating tracker.

7/28/14

Survey Meeting 8am

Steve Fin FLS asks Donold to set bench mark at Middlebury Sta

Dave Walker to look into similar properties like Middlebury Sta. where potential extra access may be needed.

Donald working on access for Mill Pond Rd. after getting kicked off.

Tyler to redesign 289 still. Me, Freddie & Tony to go while Cook walks across to 178+00.

Need to address the sharp turn on Tony Ln.

Need to find nothing for golf course protection. Freddie to get back to us. Donald to start golf course as soon as rt. of entry is given.

Freddie to look at sheds on 26.04 & 26.05.

X Me to send Freddie rd. xing details.

Survey Priorities:

- 1) - E on Redmond Rd. from current staking to 1000' north of VELCO.
- 2) - Golf course & Boliba upon rt. of entry.
 - Creeks if no way to stk E.
 - Essex Way bore pits

- 3) - Along 289



1:30 pm Meet w/ Freddie at 180+00 (approx^o) to help track Cook across area that will be removed along 289. Cook will cut a slit at wood line to get to 177+00 then begin clearing heading W/S.

Finished day at office updating tracker.

7/29/14

9:00am Const. meeting

RFT hopes to start Winooski drill Monday. They to call core to gain permission for running a cable across Winooski to run a raft along for tracking the drill.

- 0 $\frac{1}{2}$ U Mtn. View bore to continue as new bore machine arrived today.
- 0 $\frac{1}{2}$ U to stone all of Fay Ln.
- 0 $\frac{1}{2}$ U to do creek X-ing near RR when creek dries.
- Setting up for 2A bore this week.

X - Need to look at 2A & Freddie say & directly through pole.

X - Compare non-segmentable bends against bends needed.

X - Get elevation for Winooski drill pre-test area from survey. Same for post test.

- Let insp. know if they mark anything on the ground let Freddy know.

- Need 2 weeks notice to have poles held along Richmond Rd. ^{Charlie says} (Freddie for his)

- Have inspectors check for ca's in the field.

X Call Wally about pipe storage

X - Submit RFT about test lead locations & about where to put bentonite trench plugs vs. sand bag trench plugs.

X - Compare jack $\frac{1}{2}$ bore lengths vs. concrete coated pipe in the yard.

Although found & sent "field determination" document

X - Have Hugh send RFT asking to use the cone. in lieu of using spacers shown at RR bore.

Approx. 3:45pm, go w/ Tyler to the remote along 289. Freddie came out around 5:15pm to decide how to cross culvert

7/30/14

Went to POW 4 to check well
map accuracy. Came back to
protestors approx 10am

PE 017, 12 ft of concrete
Bore the black top

Send RFI on MLV-1 for LD

Began reviewing & comparing well
maps against survey notes for
completion & accuracy check.

7/31/14

Finished calculating bonds received
vs bonds needed for 1st 12 miles.

X Sent RFI for valve ext. length
needed at Colchester tie in.

Have drawings mailed up for LD.

X for Charlie:

- Trench breaker locations

- Test lead locations

Met w/ Donald Johnson at 4pm.

4:50pm finish w/ Donald. Meet w/
LD, Kenny F., Joey W, Charlie P.

Worked on as-built for currently
installed pipe

8/1/14

Met w/ Nate about drilling
the creek at N. end of Pelmond
Rd. Check on dig from 399+15
to 392+00.

Have Survey mark G at 50'
intervals from 400+00 to 392+00

STA.

DESCRIPTION

RTBML005

RTBML007

465+66

RTBML012

JFH A0736
CONC.

RTBML005

JFH A0581
CONC.

RTBML007

JFH A0489
CONC.

RTBML012

JFH A1109
Protoc

LE

7/25/14

38.1

41.5

59.9

?

SEA,

DESCRIPTION

RTBML009

RTBTI028

RTBML

RTBML006

RTBML008

RTBTI002

RTBTI001

RTB

RTBML005

RTBML009

JT# A1105
Pritec

RTBTI028

JT# A1114
Pritec

RTBML14 70+*

JT# A1108
Pritec

RTBML006

JT# A0534
Cork

RTBML008

JT# A1101
Pritec

RTBTI002 *

JT# A1119
Pritec

RTBTI001 *

JT# A1112
Pritec

RTB013 ML? *

JT# A0736
Cork

RTBML005

STA.

DESCRIPTION

RTBML017

RTBML016

P.I. 30° LT.

RTBML015

RTBTI 30

RTBML001

RTBTI 29

RTBML002

RTBML004

RTBML009

7/30/14

16.6

10.0

59.9

34.7

59.0

60.1

60.0

RTBML017

JFH-A1103
Pritec

RTBML016

 30° Filling

RTBML015

JFH-A1103(A)
Pritec

RTBTI 30

JFH-A1115
Pritec

RTBML001

JFH-A1111
Pritec

RTBTI 29

JFH-A1113
Pritec

RTBML002

JFH-A1110
Pritec

RTBML004

JFH-A1104
Pritec

RTBML009

STA.

DESCRIPTION

LOOSE END

RTBML019

RTBML022

RTBML023

RTBTI 034

RTBTI 031

RTBML018

RT. 45° LT

RTBML017

RTBML024

JT# A1124
Pritec

RTBTI 035

JT# A1130
Pritec

RTBML019

JT# A1128
Pritec

RTBML022

JT# A1126
Pritec

RTBML023

JT# A1123
Pritec

RTBTI 034

JT# A1100 9° AL
Pritec

RTBTI 031

JT# A1113(B)
Pritec

RTBML018

45° Filling

RTBML017

7/31/14

7/30/14

STA.

DESCRIPTION

RTBML020

RTBML021

90° INTO NORTH VIEW PAGE

9°08

RTCTI016

ST# A1200 (C)
Pritec
10.5

RTCTI017

ST# A1122
Pritec
60.1

LE

ST# A1129
Pritec

RTBML020

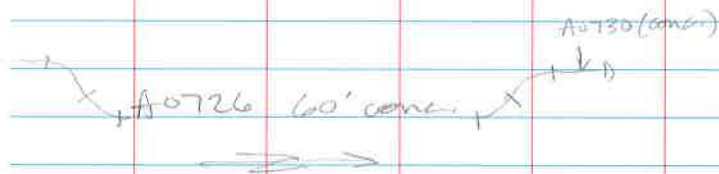
ST# A1131
Pritec

RTBML021

ST# A1127
Pritec



Fred Lie had not sent Daily work plan since 8/2/14. When I arrived back from PA 8/6/14, I checked email prior to having the morning meeting w/ the insp. team, no Daily Work Plan. I walked to Fred Lie's office, he said he sent the weekly plan, and was not sending a daily plan as things changed too rapidly. He wanted verbal communication going forward.



8/9/14 Scatter Shl.

- Bore at Math View
- N. Past Veloc. Bow, walking fittings
- Yard, bore pipe casing
- 289, setting mats on access Rd
- Possible chipping at end of Fylen.
- Conc. walking
- Hammering rock towards golf area.

2 jts 100' N of Math View bore pit

- JT# A1122, Priter, 60.1
- JT# A1125, Priter, 52.9 (says 60.2) ← w/ Bend in this jt

8/11/14 8am Survey Meeting
Fred's Priorities:

- 1) E under Veloc 45H to 460 to 460 to 460
- 2) Rt 2 bore (after approval)

New Haven M&R to be surveyed this week, no later than Wed 11.

2A Bore, Pole 57056 is 4' east from E. Birthmark is 3.7 above grade.

Main View 22. Bore

LE

20'

ZICKML1003

2'



24" FITTING

ML005

5'

JT# A1200 (A)
Pritec

ZICTI007

JT# ?
CONC

?

21.15

JT# P-AUG70
CONC.

ZICKT006

7.7



ANGP-SI
FITTING

LE

TI

ST# A1121
Pritec
11.5

RTZ ML013

ST# A0671
CONC.
? full H

RTLT018

45°

45°

462+75

SEE RIWR-TINER

ST# A1116
Pritec
60.2

U

ST# A1120
Pritec
60.2

RTBML027

ST# A1121
Pritec
30.0

RTBML032

ST# A1118
Pritec
59.8

RTBML033C

ST# A1117
Pritec
31.8

LE / TI

R/E. 2 / Williston Rd Bore Pits:
Entry Pit;
548+17 to 548+62 (10'x45')

Exit Pit;
549+76 to 549+86 (10'x10')

Tie In: 551+13 (Approx.)

8/12/14 9:00 AM Meeting
Middlebury M&R, rock removal
to continue through the week
ending 8/16. C.M.P. to be contacted
to determine detail for power
supply of M&R buildings.

Pilot hole at Winooski completed
on 8/11/14.

Check w/ Donald about marking
of TWS at 120+00. To be marked
immediately if not.

Velco on 229 potentially to be available
Thurs' 8/14.

To meet at Golf course tomorrow
to review site for netting.

ECT:

Plant Rd & 2A plans were submitted
yesterday.

OBU to test 2 welders 8/13/14
in the yard.

8/13/14

Adam Crawford arrived.

Covered coating repair prior to conc
coating in yard.

8/14/14

R 2 bore is having conc coated
pipe installed.

(802)

- Pat Laclaire 310 1813

- Freddie wants to bring in two loads
of pipe to stock pile in the 150'x450'
ATWS

8/18/14

8:00am Survey Meeting Priorities

- 1) Tie in at Williston N $\frac{1}{2}$ R to 555+00
 - 2) N. of Rt. 2 bore to 537+00 w/ E
 - 3) E each side of the RR tracks
- Survey to try to have these three items completed by tomorrow evening.

Env. to mark the wetland at 515+00. Will be completed this week.

Streams to be completed by Oct. 1st. (Constⁿ only allowed June 1st to Oct. 1st for open ditch. Can drill or bore any time)

M.P. 3.62 Indian Brook (192+00)

M.P. 6.60 Alder Brook (348+50)

M.P. 10.32 Allen Brook (546+00)

If open ditch work in these 3 creek is planned beyond Oct. 1st, an extension is required.

8/19/14 9:00AM Const. Meeting

- AS - LOD at New Haven laid out Middlebury underway.
- ECI, completing pull back analysis.
- 2nd package will be completed this week.
- Redmond pilot hole to start Woodⁿ.
- O $\frac{1}{2}$ U, RR x-ing at Fay Ln. Completed Rt 2 bore now moving to RR
- Need info for Vela flow on 289.

Essex Way Bore

Entry Pt:

238+20 to 238+61

Exit Pit:

240+64 to 240+74

RR Drain = 238+68



Allen Brook: (Rte. 2)

The stamped permit shows HDD.
The EPSC shows open trench.

Need to check on school access
to ROW and possibly drilling
Allen Brook.

2/22/14

Need extra work space on North
side of wetland at 429+00

- 11:00am Go to rock cliff near
429+00 with Tyler B. & Jarey Wilson.
Reviewed site. Received a call from
Bob Jr. at 11:20am about too much
pipe causing a track hoe to tip
over while lowering in.

- 2:10pm Received a call from Bryan K.
informing me that a drain pipe had
been dug into and busted while digging
the bore entry pit at Essex Way.
I go to site and explain to John

(the bore foreman) how to establish
bore entry & exit points by chaining in
as the current bore pit was in the
wrong location. The contractor asked
if we were to have survey come out
and mark these prior to boring. I
brought up the fact that the exit
pit had issues as well and asked
freddie R. if he had sent in the
RFI requesting the previously
discussed alignment change. He
responded telling me didn't think it
was up to him to do that so I
explained the process.

- Request Freddie send incident
report for machine tipping and
hitting drain line.

Drain line = 238+68

8/25/14

Rte. 2 to Mtn View staking is completed.

completed 2-2

1) Redmond 426+50 to 434+50

2) 268+00 to Essex Way

3) Mill Pond Rd.

4) To restake or add more stakes along 289 once Freddie receiver stationing.

Env. 1:

Caught up as of Thursday. Will get to this weeks priorities this Thursday.

For 8/26/14 meeting, what to do with the rock on south side of Mountain View.

8/26/14 9am Constⁿ Meeting

Inspⁿ team to send in RFI requesting review of C.P. in areas where design was changed from land lay to HDD.
(Look at Clay Plains & HDD #2 - Sand Plains)

Indian Brook & Winosok Rvr Drift
Indian Brook will be finished shortly
Redmond Rd needs to be x-rayed also.

9/2/14 Survey Meeting 8:00 am
Priorities:

- 1) Indian Brook to 213+00, need & staking.
- 2) Indian Brook to 179+00, need & staking.
- 3) Redmond Rd & staking from 400+00 to 413+00.

Freddie asks Charlie about potential school access. Charlie responds not sure yet - hopes to hear something this week.

Freddie to pull the 75' ROW for rock entrance on South side of Mountain View.

Cook to clear at Alder Brook starting tomorrow.

Donald ask if survey could be notified prior the rock shield being installed.

Donald also covered the lack of communication for as built needs.

9:00am Construction Meeting
El Rivers - Safety auditor attended meeting. Will begin safety audits today.

System will be run at low 600's.
MAOP is 1440.

420+00 to 400+00

*Note: 408+50 to 415+00 approx? needs to be 2' deeper than typical install (3'?)

9/8/14 8:00am Survey Meeting
Priorities:

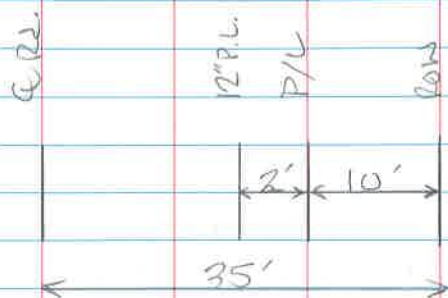
- 1) Check corn field at 555+00.
- 2) 1 & stake on east bank of Alder Brook.

12:00 PM Brian Right (CCSW) arrives. Brings up p.l. needing to be deeper through designated area and additionally to stay w/in R.L. ROW between 405+50 & 415+25. Pipe is currently installed to 414+75 and is w/in R.L. ROW. Ditch is dug back to 414+00 where it is 2' out side of R.L. ROW. Brian would like to meet today after 2:30pm

9/9/14 Constⁿ Meeting

I asked Freddie to go ahead and submit a plan for 20' or deeper hole as well as a plan to extend the bore beyond the bike path on Essex exit pit.

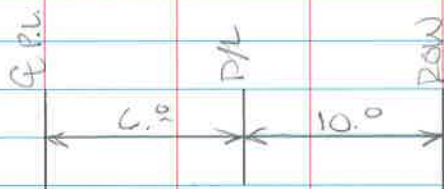
Rte. 2 is complete from
553+00 to



18.6 fm Pole to ROW line
on Google Earth.

412+25 (See diagram above)
415+19 P.I. (See diagram above)

415+30 P.I.



9/11/14

Relocate MLV1 to 343+00.

Ask about checking for contaminated
soil at RR tracks

9/13/14 (7790' + 800' + 300' + 100' =

Redmond Rd. installed to 410+00.

Rte 2 = PI to PI (545+50 to 553+50)

Indian Brook = 189+50 to 192+50

Alber Brook = 100'

9/15/14 8am Survey Meeting

- Access to ROW at 227+00 then
east to Essex Way.

- Const. heading west from Indian
Brook to continue
- RR bore to begin this week.
- Const. to focus fm Mt. View to Rt 2

* Rack from trencher can be put
back in trench after viewing
for approval.

* Rack fm 179+50 to 188+00 to be
viewed for decision on backfilling.

→ Discuss D^S solution w/ Joey.

- New daily meeting at 7:15 am
- No more shutting down traffic on Rte. 2 basically forcing all pipe need for Mtn. View to Rte. 2 to be brought in from Mtn. View.

15' $\frac{1}{2}$, 20' - to stay away from elect^c source, else it turns into the VELCO film scenario

9/16/14

3:45pm 7 protestors arrive. 2 protestors jump in the ditch at 408+00 and place bicycle chains around their necks.

4:00pm 3 police cars arrive.

Approximately 7 news reporters arrive. Chl. 5, 3, NBC, CBS, FOX, and the news paper.

4:20pm Police give protestors 5 min^s to exit ditch or be arrested.

4:25pm Police enter ditch by ladder. Protestors advise police that they have no key to unlock the bike locks.

4:41pm Williston fire/Ambulance truck arrives. Police attempt to cut bike locks with bolt cutters without success.

4:58 fire dept. arrives and cuts locks with pneumatic cutters. Both protestors are escorted from the ditch and arrested.

9/17/14

Installed:

3240 Redmond Rd = To pole 57154 at 405+50. 487+90 to 500
 400 Alder Brook = 348+50 to 352+50
 300 Rte. 2 = 545+50 to 553+50
 500 Indian Brook = 188+00 to 193+00

There is 5700' to install fm. Mtn. View to Rte 2 (489+00 to 546+00)

9/18/14

- 9900' installed (Avg. 206/day)
- 38,800' of land lay remains
- 718.5'/day needed to complete 11/22/14

9/22/14 Survey Meeting

- Freddie to work from R.R. bore heading west

- Priorities

- 1) 374+00 to 378+00
- 2) Later in week after clearing, road & through golf course.

Freddie wants to ask permission to use the on-ramp for unloading on the coming in side of Alder Brook.

* VTRANS ROW along south side of tracks = 381+74 to 384+58

9/22/14

300' He. 2 = 553+50 to 545+50
3790' Mtn. View & Keelman = 437+50 to 401+00
650' Alder Brook = 348+50 to 355+00
700' Indian Brook = 187+00 to 194+00
↓
10,940'

Total adjusted land lay after HDD additions
= 48,700

9/25/2014

2:00 PM Went w/ T. Billingsley to review potential reroutes along 282 between Alder Brook and Essex Way.

1:30 PM Called C. Pugh to ask what is current legal prop as Ed's crew wanted to install a 'G' piece in north of Alder Brook. Charlie writes back says it's ok to use the 'G' piece but not several in a row.

5/27/14 worked on and finished
catchons up as-built for Redmond Rd.

9/27/14

Installe 2:

S. of tracks: 375+00 to 380+00

✓ R.R. bore: 372+30 to 373+80

Alder Brook: 345+50 to 355+00

✓ Mtn View $\frac{1}{2}$ Redmond: 487+90 to 400+00

✓ Indian Brook: 187+00 to 194+00

Rte. 2: 545+50 to



9/29/14 Survey Meeting

- 1) E from Rte. 2 to Mtn. View
- 2) E at land fill along tracks to HDD
- 3) R.R. bore to HDD exit
- 4) Clearing limits of 26+00 to 46+00

Tomorrow go w/ D. Walker to
find drain line before meeting

Visited I-89 drill and route on north
side of HWY. walked in approx 800' w/
survey markings.

9/29/14 Cont.

Next drove to Mill Pond Rd. x-ray.
Walked in approx 800' on going
away side.

11:45am Received call from C. Pugh
to go try and resolve x-ray issue
along tracks by the dump.

12:20pm Arrive at dump parking lot
and walk to 382+00. Asked Kevin
Ames if he could spare a laborer to
carry in x-ray equipment. He designates
Brandon $\frac{1}{2}$ soccer player. Josh Brown
from x-ray from dump parking lot
I ask Kevin Ames if he's going to
clear the area for x-ray to shoot
when they arrive. He says yes. Two
laborers and myself walk to parking
lot. Laborers grab x-ray gear except
the source and take off. X-ray and
me walk through the woods to the
work area where x-ray is to shoot
the well. Upon arrival Kevin Ames
tells x-ray they are not stopping
work for the well to be shot. I
walk away at 1:40pm

9/30/14 Drove around collecting as built info.

10/1 Met w/ Ben An Survey to exchange as built info. After lunch, met LD, Charlie, Joey, Efram to look at new access rd. by Land Fill Ln. which turned into reroute

10/2 Met w/ Mr. Hopkins to look at Essex Way bore. looked at Mill Pond - still no staking.

- Essex Way bore punched thru.
- Took measurements of R.R. bore pit dimensions to compare with Freddie's change order claim for the bore extension. Bore was extended 28' (22' on south side & 6' on north side)

10/2 7:00 AM meeting at Williston Rvr. pull back right. String "A" was pulled first from RCHDD085.

- Met w/ Freddie & VT Gas staff near 207+00 to witness beginning of trenching with the trencher.

10/4 Worked on as-built then rain out.

10/6 Survey Meeting

- finish Mill Pond
- 24+00 to 6+00
- Pull back and w/S for I-89
- 605+00 to 617+00 (optional)

To email Don the completed work plan after daily meeting. Call Don when as-built is needed.

- Talk w/ Freddie about granting the abandoned pipe under Essex Way

10/4/2014 Survey Meeting 8:00 AM

- E 215+50 to 238+50
- E 213+95 to 215+80 (Bore)
- Charlie asked Freddie to clear 0+00 to approx 3+00.

Krista is current on environmental

- Optional, I-89 HDD to Williston R.

- 10/20/14 8:00am Survey Meeting
- 106+00 to the road including w/s
 - 117+00 to 123+00

Meeting schedule for Thursday
10:00am to discuss winter constⁿ

- * 1) - What will O&U have for man power and equipment?
- ✓ 2) - Where will winter construction activities be concentrated?
- ✓ 3) - What tasks are to be completed this year?
- ✓ 4) - What tasks will be pushed to next year?
- 5) - Silt fence & staking of any knl should be done before the ground freezes.
- 6) - Light plants - working in the dark. How long before sunrise & how long after dark to begin utilizing light plants. ^{How many light plants does O&U have available & plan to use?}
- ✓ 7) - Bring up hills that will be dangerous to work on and suggest doing them prior to ground freezing.
- 8) - Crew for HDD support through winter

X 9) - Temperature sensitive work (weld's, coat's) Post heating welds to prevent cracking... What temp. mandates what extra measures?

10) - Holiday schedule!?

* 11) Will work shut down at a point?

2) Mill Pond Rd. going west after Dec. 1 and sand plain. Also, Alder Bk to Essex. And I-89 to Williston Sta.

J. Panna ask to waive the hydro and air test instead during freezing temps.
- After discussion, 2A & East sand plain drill strings to start now and be finished & hydro² end of Nov.

ECT - I 89 (Nov.) then 2A (Dec.)

3) Along 289 by jersey barriers to be completed this year. After Mtn. View, trencher to move to 123+00. Work towards Maple fields

Work will cont. along 289 until town says stop.

9) O/U will work depending on how low temps go for how long.

LaPlatte Rv. maybe should be done while frozen. Then Lewis Crk.

Coordinate survey const. staking for winter work areas prior to ground freezing.

Need to visit Monkton swamp drill soon. (per Charlie, maybe next week.)

New Haven Rv. HDD is winter possibility. Little Otter Crk. HDD to be considered for winter work.

O/U winter possibility work 1883+00 to 2012+00 - do while frozen. Maybe visit soon. Joe Lanna est about Old Stage Rd.

Baldon Rd. to M32 is a possibility.

H) Thanksgiving - off Thanksgiving Day
Christmas - ECI off Christmas and New Years 12/22 - 1/5
O/U to announce Monday.

WORK FOR NOW UNTIL SPRING:

- 1) Kick off to Mill Pond Rd. = 0+00 to 26+75
- 2) Along 289 = 123+00 to 157+00
- 3) Alder Brook to Essex Way = 343+00 to 240+75
- 4) William Sta to T89 = 553+00 to 596+50

10/27/14 8:00AM Survey Meeting

Make sure old stakes are removed from 117+00 to 124+00.

4 Stake 124+00 to 160+00

11/3/14 8:00AM Survey Meeting

- E stake on west side of 2A for HDD point.
- E staking for 118+00 to 124+00.
- Pull out all old route stakes (118+00 to 124+00)
- Stake 2nd 2A x-ing (653+00 to 660+00)

11/10/14 8:00AM Survey Meeting

To visit Hurricane Ln. to check for clean up.

11/17/2014 8:00AM Survey Meeting

- As built at Mike's crew.
- Alk arriving tomorrow. Survey to shoot CATS welds.
- Survey to stake the HDD's per email.

12/3/2014 Const. Meeting

12/17/2014 Const. Meeting

Winnoski HDD



ANGP 65 (B) 32°

365+50.1

RTBTI 130

A0401
21.2

RTCHDD 125

SEE DRILL
STRING INFO

RTCHDD 086

A0100
37.5

RTD HDD 459

A0263

SEE DRILL
STRING INFO

RTCHDD 085

A0114
8.1

356+18.8

RTBTI 150



ANGP 67 (B)

2A + HDD

→ Z

LE / 116+17
A0042
18.0

RIF+HDD001
A0049
59.3

RTD+HDD677
A0023
60.8

RTD+HDD669
A0022
60.2

RTD+HDD670
A0055
60.1

RTE+HDD017
A0068
60.3

RTD+HDD668
A0035
60.3

RTD+HDD664
A0054
60.0

RTD+HDD662
A0072
60.2

RTE+HDD018
A0027
60.4

RTD+HDD667
A0040
60.0

RTD+HDD663
A0048
60.0

RTD+HDD661

Test
Junc

1st string

2nd string

3rd string (cont)

2A HDD

N Z

RT/HDD061
A0034
60.1

RT/HDD019
A0154
40.5

RT/HDD002R
A0042(A)
26.3

RTF/EHDD003R
A0401
20.9

RT/HDD133
A0253
39.2

LE/108+60

3rd string

4th string

2nd Set of 189 Drill Strings

LE

A0287
60.2

RIEHDD013

A0292
60.0

RIEHDD012

A0269
60.1

RIEHDD009

A0284
60.1

RIEHDD008

A0293
60.1

RIEHDD007

A0270
60.0

RIEHDD006

A0294
60.0

RIEHDD005

A0424
60.0

RIEHDD004

A0422
60.3

RIEHDD003

A0416
60.0

RIEHDD002

A0418
60.3

LE

"H" = 661.1

LE

A0301
60.3

RIEHDD015

A0426
60.1

RIEHDD014

A0421
60.1

RIEHDD010

A0286
60.1

RIEHDD011

A0080
60.0

RIEHDD016

A0082
60.0

LE

"I"

360.6

1021.7 (total)

2A HDD DRILL STRINGS

LE

A0027
60.4

RIEHDD667

A0040
60.0

RIEHDD663

A0048
60.0

RIEHDD661

A0034
60.1

LE

"E"

LE

A0068
60.3

RIEHDD668

A0035
60.3

RIEHDD664

A0054
60.0

RIEHDD662

A0072
60.2

LE

"F"

LE

A0069
59.8

RIEHDD677

A0028
60.1

RIEHDD665

A0022
60.2

RIEHDD670

A0055
60.1

LE

"G"

"121.5"

REDMOND RD. HDD DRILL STRINGS

506.4

977.4 (total)

LE

A0063
40.6

RIEHDD187[✓]

A0060
34.7

RIEHDD162[✓]

A0146
32.2

RIEHDD160[✓]

A0181
33.0

RIEHDD158[✓]

A0212
29.6

RIEHDD156[✓]

A0221
31.8

RIEHDD154[✓]

"C" cont.

471.2

LE

A0116
40.4

RIEHDD188[×]

A0067
42.2

RIEHDD161[×]

A0148
32.9

RIEHDD159[×]

A0172
35.3

RIEHDD157[×]

A0178
32.0

RIEHDD155[×]

"D" cont.

RTCHDD154 ✓

A0162
45.6

RTCHDD152 ✓

A0207
42.8

RTCHDD150 ✓

A0170
45.2

RTCHDD148 ✓

A0159
42.4

RTCHDD144 ✓

A0151
42.3

RTCHDD169 ✓

A0032
44.6

RTCHDD170 ✓

A0064
~~42.2~~ 15.8

X LE

"C"

Polmonel Pl. HDD



Wmowski Riv. HDD

CAP

A0263
48.8

RTCHDD132

A0420
31.2

RTCHDD126

"A" CONT.

RTCHDD155 X

A0220
27.8

RTCHDD153 X

A0102
42.4

RTCHDD151 X

A0196
43.1

RTCHDD149 X

A0206
43.7

RTCHDD147 X

A0167
~~42.8~~ 32.5

RTCHDD143 X

A0154
~~42.1~~ 10.4

RTCHDD168 X

A0042
46.3

X LE

"D"

Now 372.3

* This is LE
on North side of
river.

CAP

*A0253
40.5

RTCHDD133

A0401
42.1

RTCHDD125

"B" CONT.

Wmowski Riv. HDD

RTCHDD126

A0295
44.6

RTCHDD123

A0311
40.3

RTCHDD121

A0367
33.3

RTCHDD114

A0369
33.4

RTCHDD112

A0356
32.6

RTCHDD104

A0223
40.8

RTCHDD101

A0211
45.8

RTCHDD099

A0208
44.0

RTCHDD089

A0303
30.4

RTCHDD087

A0298
38.6

RTCHDD085

*A0114
44.8

LE

Cut 10/29/14

"A"

RTCHDD125

A0319
41.6

RTCHDD124

A0364
43.3

RTCHDD122

A0377
39.0

RTCHDD115

A0400
38.8

RTCHDD113

A0117
39.5

RTCHDD103

A0103
29.6

RTCHDD102

A0119
39.5

RTCHDD100

A0132
44.9

RTCHDD090

A0061
40.8

RTCHDD088

A0098
38.3

RTCHDD086

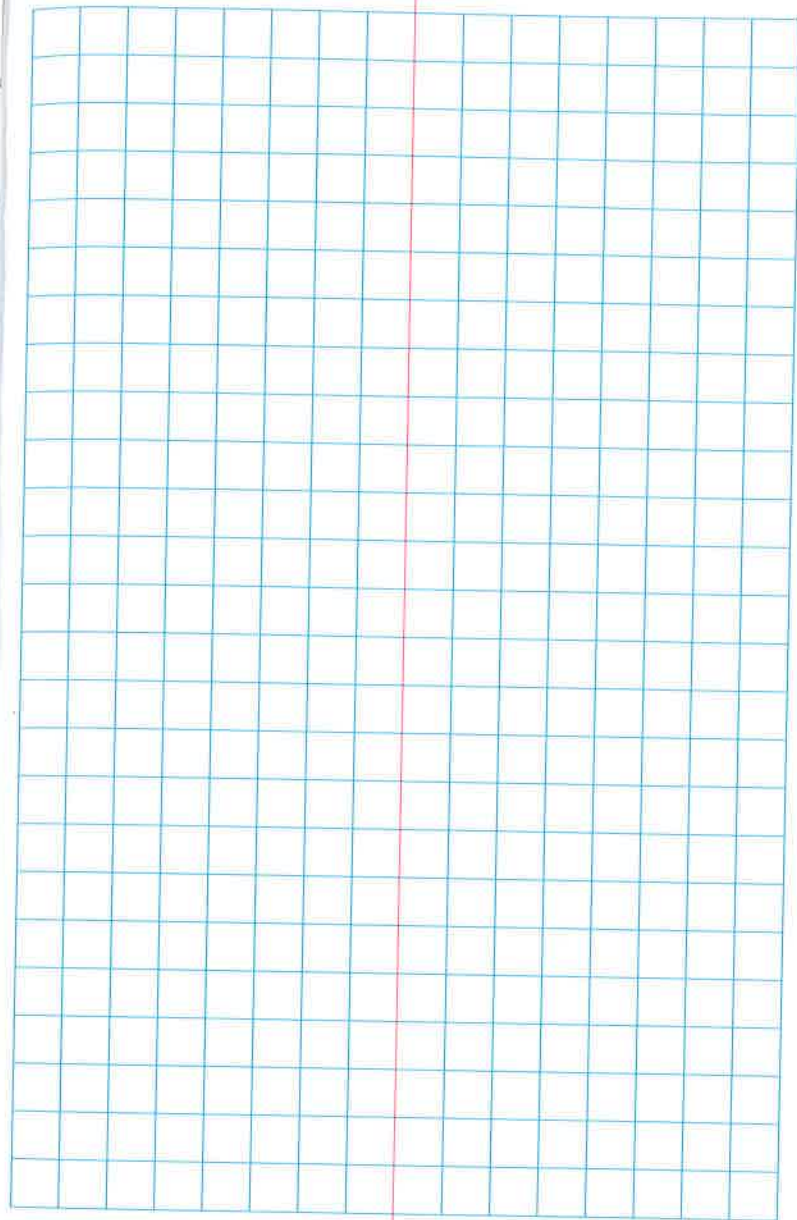
A0100
37.5

LE

"B"

PIPE INSTALLATION:

7/25/14 465+07 to



STA

DESCRIPTION

465+75

Trench Breaker

465+60

MLXX w/ 2' shrink sleeve

465+00

ML?? w/ 2' shrink sleeve

7/26/2014

Ben
Justin
Align + Shit

212 ML 75

76

213+7 001
002

12" x .312" x .65, Dinter coat's

19° P.I. RT.

3° SAG 3.6 WR

2 1/2° O.B. 3.0 WR

□□□ Bentonite Trench Brkr.

— MLXXV

HTA

— MLXX 3.2 WR

HTA XXX

HTA XXV

FBE w/ CONC. COAT'S

IT#	HT#	LI
A0660	ND0699-79	59.8
A0661	SD1403-65	60.1
A0662	ND0697-72	60.3
A0663	SD1185-66	60.2
A0664	SD1176-106	59.9
A0665	ND0698-98	59.1
A0666	SD1399-178	31.6
A0667	SD1405-208	32.2
A0668	ND0937-220	31.3
A0669	ND0699-117	59.85
A0670	ND0938-127	60.22
A0671	ND0699-124	60.08
A0672	SD-1185-69	60.15
A0673	SD-1179-113	60.21
A0674	ND-0698-111	59.84
A0675	SD-1175-112	60.28
A0676	ND-0933-86	59.71
A0677	SD-1184-79	60.24
A0678	ND-0933-85	39.09
A0679	ND-1199-92	38.34