

Property of _____

Address _____

Telephone _____

BW McDONNIE/56
@gmail.com

This I
from
archiv



INDEX

R95 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

862 673 6128

5/30/2014

Coating forms:

- How many Testex per well?
- 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 Ofc.

9:30AM Electric company (Omega Electric) arrives to hook up power for field ofc. 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 thigh.

Skids arrive at field office.

6/3/2014 Field Office

8:00AM 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 Pritec.
- Find photo coordinate tagger

9:00AM 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 Ofc.

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

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

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

- At golf course, look at mount
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
KOURBANAS

- 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.

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

Lightning strikes w/in 15 miles =
stop work

PG 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

8:00AM Survey Meeting

Kickoff = Week of 23rd

Survey priority = Mtn View Rd 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 Wilkowski 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 enclosed silt fence as shown
on prints

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

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

Mike Garas 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?

Robyn M. Flork around RAW

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

6/10/2014 Meetings at field offc.
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 mile)

#213 Analog spring micrometer

Surface temp thermometer
IR

Sling 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 Jeanne - Get list of
bands 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 P.O's,
manufacturer, heat m's, make
clear materials received - yes
or no

Lynn Jeanne needs to call the
material man and get
master material's list.

Have Hugh call Jesse Jimenez
or Brian Beck 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
C.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 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? = 2 Part

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

6/13/14 field ofc.

From Mtn View Rd (476100) to Valco ROW (457450)

- 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 26-35 mixed up.

6/16 Survey Meeting

- Colors approved
- Laplatte Rvr, cow fields

7:00AM Welly 6/18 meeting

Redmond Rd → Volco ROW good to go.

2A

Go w/ 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 289 to 15. need staked yard 1st then

Freddie wants clearing for Mt. View to Volco then move 289 to 15. Stake this $\frac{1}{2}$ access rd.

EC1 needs Lapelle RVR,
then 2A, then Winoski 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 Joey (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' fm. 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

Bands needed:

Started on 23rd, no pipe install until 30th. Need the bands 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
Well 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

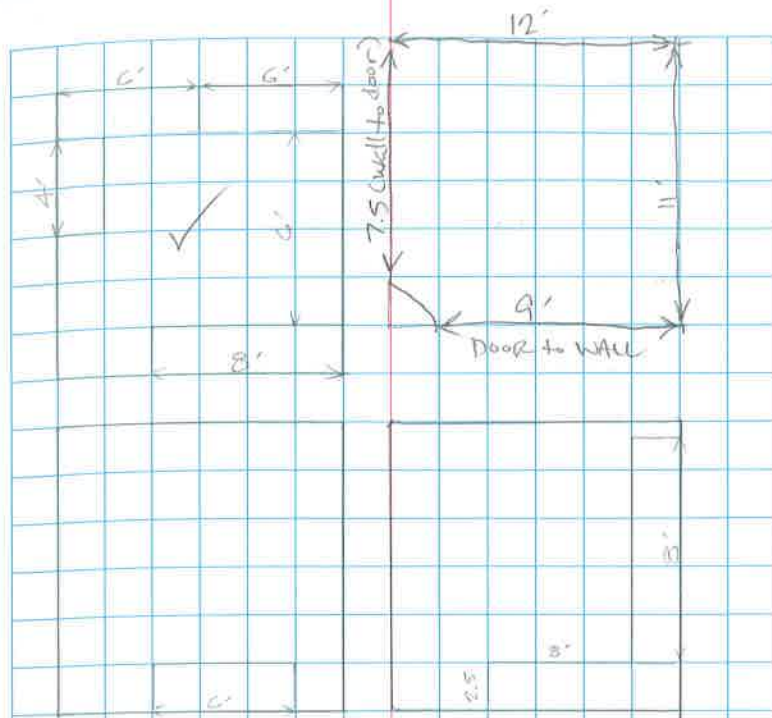
Sarah Rambo - call, got etc. of small diameter pipe for FW Webb. Call Randy Vanillion at Frank Hill

6/21/2014

- Address D. Walker's email about land fill ln. access rd.
- Email Dawn about the ph call she had me & Randy have w/ Aliz & Glyn.

landfill ln. access email:

Maintenance install from 84+60 to 104+00.



TABLES

(4, 6, or 8) x 30" WIDE

for trailer

cross mesh on windows, bars over doors.

6/23/2014

Staking completed on .PDF completed.

- Pull bk. N. of Winoski Rvr.

Staking completed.

- ECF wants sub 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 $M\frac{1}{2}$ 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 $\frac{1}{2}$ High.

Survey:

- Mark the road x-ing at the rd also ($\frac{1}{2}$ water body x-ing)
- 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/ Chad 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 (fill, etc.)
- Town wants 1/2 size set of
prints 1/3 full size, 1/3 PDF
- Joey will get copy of
"Application for Permit to Open
Streets or R.O.W." that CITA issued.

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

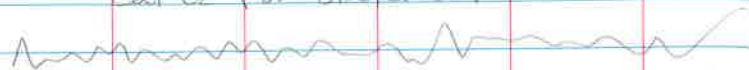
	DIAM.	WIDTH	COLOR	
	↑	↑	↑	
(20mils)	PLA-315-450	YE	(SLEEVE)	
	12.3"	18"		

		COLOR	THICKNESS	
		↑	↑	
(15mils)	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 $\frac{1}{2}$ 789 Intersection is clear of public works utilities

220+00 (approx^e) 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 $\frac{1}{2}$ 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 give 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 HAD?
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.

Lynndora 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 Winoski.

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

Nathan - Lengthening 2A under
RR tracks. Spreads 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 @ 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 Flam.

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 $\frac{1}{2}$ wetlands.

- DOT Inspector says p.l. will be
built as it were to be run at
Maop.

- 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!?

actions:

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 tubes doubled up
on N. side of Winoski Rvr.
- Lynn/Leanne needs pwr. pole info.
- Need to tell Mr. Joe no sleeves
on cone. coated pipe welds
- 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 bare pits or other
excavations?

2 Trucks of pipe arrived at
Williston yard.

7/3/2014

Is Clearing $\pm \frac{1}{2}$ m or heard
#? If heard #, is JR's to $\frac{1}{2}$
from good enough?

EvanLitwin@gmail.com
→ (17) 777-0707 - only for emergency

Evan Litwin visits from
apartments next door.

Concerns:

noisy equipment, the screechy
track we specifically

dust, possibly use water trucks,

possibly put golf screens back up

A woman in the 200 bldg (closest
to #5) 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 VT
fair housing laws.

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

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

Kenny suggest sound curtains.
~~xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx~~

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

$\frac{1}{2}$
409+00 to 400+75

*2 Metal posts w/ locks at 406+50
*403+50 (in curve), drop of $\frac{1}{2}$ pipe. \rightarrow N. Post says RFW34

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

Ph. junction boxes at 437+00 $\frac{1}{2}$ 440+00.

7/7/2014

Survey Meeting

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

Tomorrow - RR to drill on S. side of W.owski.

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 W.owski 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.

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 Rodman Rd (near 46+00) came up. They wish to provide amend^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. books issued, meeting w/ Insp. 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) 289-159+00 to 181+00
- 2) 367+00 to 373+00
- 3) Upper Main/Rt. 15. - 352+00 to 220+00.
- 4) ♀ 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 cordy shack to dbl. wide ofc. trailer.

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

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

- GC did not receive the work look ahead until 2:00pm. I did not have any work beyond Sat' 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 Rapid Set. He referred me to Mark Ginnely (800) 655-1250. - VT Rep for Rapid Set

7/15/14 Const. Meeting

- X - Middlebury station needs survey immediately. (Lil at M¹/R)
- X - Joe ask about RR x-ing at Fay Ln. Warfield by VGS Joe is good to go w/ the bore.
- X - Freddie asked about frequency of updating log site
- O/LL to begin receiving Pritec contact 7/16/2014. Stringing to begin on Belmont & 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 fire pole. 125 mats to come from Ph 6 to be used on Belmont. More for Fay Ln. to come. Fred 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?U to put on pull heads after ECI builds them.
- Welding to begin on Mtn View next week.

Brandon CTA

Chris Leforce VGS

D. Johnson

Tyler B. CTA

Chris Leforce to be VGS go to guy (Adam Jero & Kato Rich for help)

- CTA to use 1 man crew, have 4 available (GRS)
- CTA 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 ϕ . We resolved this issue by relocating ϕ 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, ϕ is between pole $\frac{1}{2}$ anchor. Good to go.

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

Pole 57140 (next pole north): No issue.

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

FYI - 428+70 is u/s elect. X-ing feed like 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 ϕ . 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
chained to the bottom of the poles.

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

Pole 57156 at 401+00, no issues.

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
jeeping in yard.

Worked on compiling info into manual
& electronic tracker.

7/18

Began the day continuing updating trackers.

9:30am LD re directs my tasks from tracker to needed P.I. bands for 1st 11 miles.



7/19

Continued working on bend 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 - Jay W. to contact Middlebury M&R farmer contact about fencing.

Priorities:

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

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

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

- Fay Ln Access Ln.

X - Mill Pond Rd 24+00 to 29+00, plus @ 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.

- Kristie caught up w/ survey except:

- Access D2

- Access D3

- 181+00 to 187+00

- Access R2.41

- Rvr Rd. to R2 to 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 Gr. Mntn. 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)

POW for 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, D, 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 CTA 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 $\frac{1}{2}$ 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 98861
- 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 mentioned 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
Ln. 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 offer
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.
- JD 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
JD 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 xing. Both to be resolved and info relayed back to constⁿ 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.

SEMS req including P's sheet. but equipment can be used to compact.

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

SEND (SEE) IN 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?

- MCV-1 new location to potentially be at 350+60. Next one south (MCV-2) is at 755+00. Need to check the absolute distance between the two. (40,051' between valves)

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 ofc talked to LD. Knocked off 5pm after updating tracker.

7/28/14

Survey Meeting 8am

Steve Fin FLS asks Donald 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 & Troy to go while Cook walks across to 178+00.

Need to address the sharp turn on Hwy 16.

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

EET 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 hold along Redmond Rd. ^(Charlie says) (Freddie for his)

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

X Call Wally about pipe storage

X - Submit RFI about test lead locations $\frac{1}{2}$ 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 $\frac{1}{2}$ sent "field determination" document~~

X - Have Hugh send RFI asking to use the conc. 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 to check well map accuracy. Came back to professors approx 10am

PE 017, 12ft of conc. + timote
Bore the black top

Sent RFI on MLV-1 for LD

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



7/31/14

Finished calculating bands received vs bands 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 E., 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+75 to 392+00.

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

STA. DESCRIPTION

RTBML005

RTBML007

465+66 RTBML012

7/25/14

38.1

41.5

59.9

JFH A0736
CONC.

RTBML005

JFH A0581
CONC.

RTBML007

JFH A0489
CONC.

RTBML012

JFH A1109
Pitoc

LE

SFA, DESCRIPTION

RTBML009

RTBTI028

RTBML

RTBML006

RTBML008

RTBTI002

RTBTI001

RTB

RTBML005

RTBML009

J# A1105
Pritec

RTBTI028

J# A1114
Pritec

RTBML14 ?

J# A1108
Pritec

RTBML006

J# A0534
Calk

RTBML008

J# A1101
Pritec

RTBTI002 *

J# A1119
Pritec

RTBTI001 *

J# A1112
Pritec

RTB013 ML? *

J# A0736
Calk.

RTBML005

60.7
60.0
60.0
45.6
60.2
57.8
60.1
60.0

STA. DESCRIPTION

RTBML017

RTBML016

P.I. 30° LT.

RTBML015

RTBTI 30

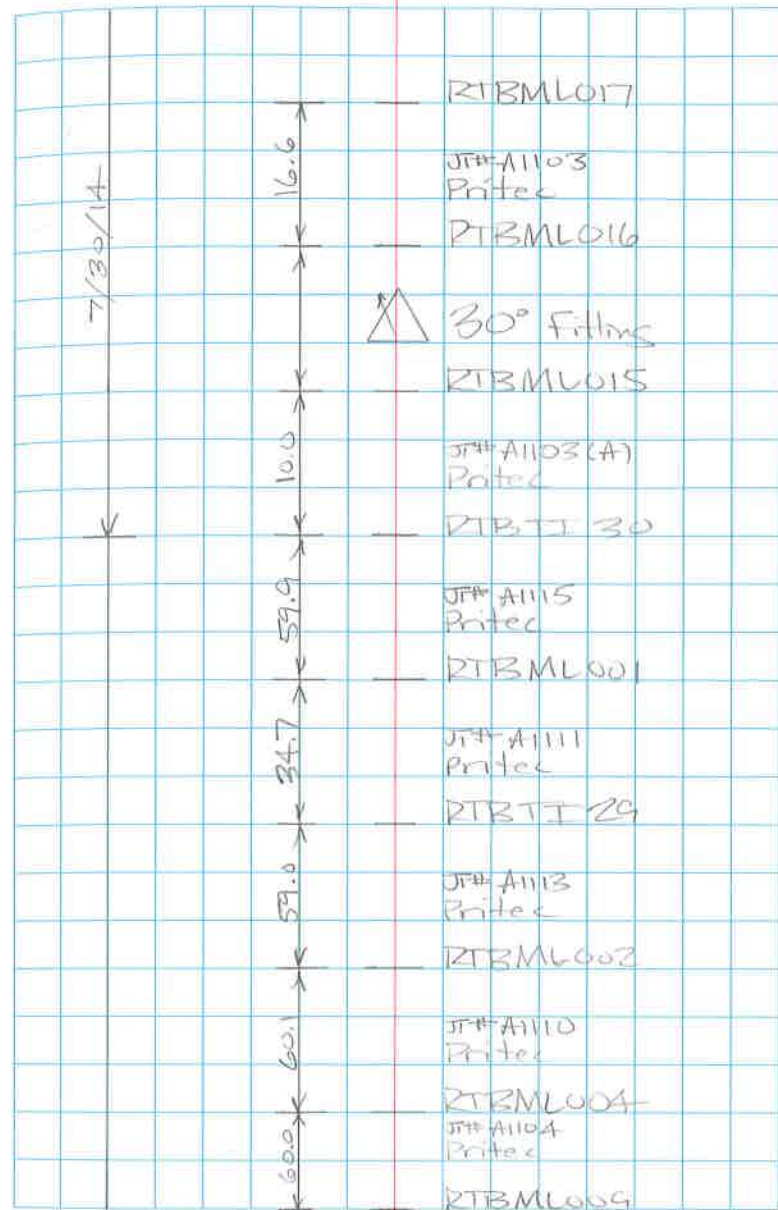
RTBML001

RTBTI 29

RTBML002

RTBML004

RTBML009



STA.

DESCRIPTION

LOOSE END

RTBML019

RTBML022

RTBML023

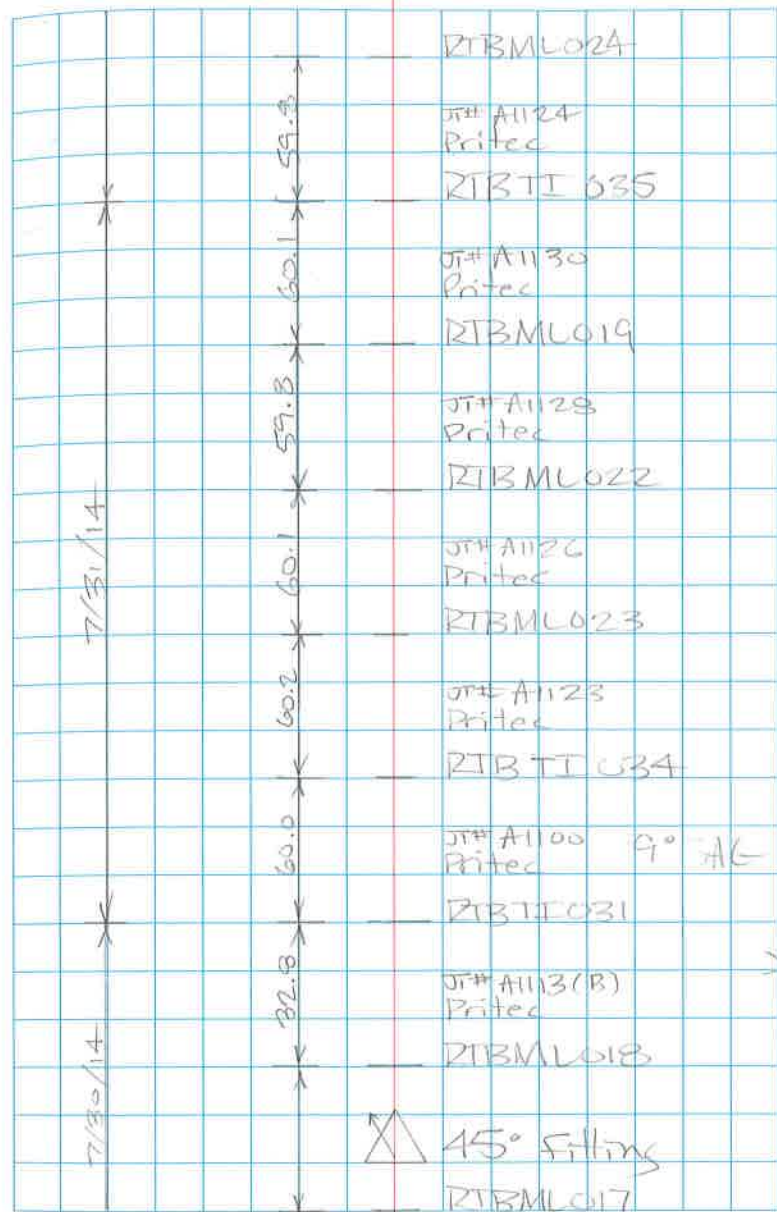
RIBTI 034

RIBTI 031

RTBML018

RI, 45° LT

RTBML017



STA.

DESCRIPTION

RTBML020

RTBML021

90° INTO WNTN view PAGE

9°08

RTCTI016

J# A1200 (C)
Pritec
10.5

RTCTI017

J# A1122
Pritec
60.1

LE

J# A1129
Pritec

RTBML020

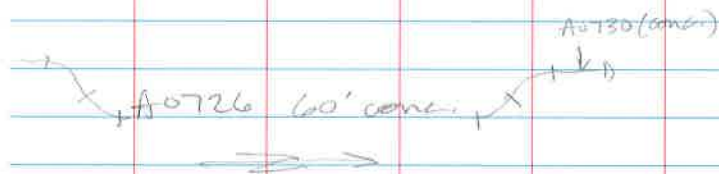
J# A1131
Pritec

RTBML021

J# A1127
Pritec

60.1
60.3

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.ⁿ 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 Velco Bore, walking fittings
- Yard, bore pipe casing
- 289, setting mats on access Rd
- Possible chipping at end of Fay Ln.
- Conc coating
- Hammering rock towards golf course.

2 pits 100' N of Math View bore pit

- JT# A1122, Pinter, 60.1
- JT# A1125, Pinter, 52.9 (says 60.2) ← ^{w/ Bore in this pit}

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

- 1) E under Velco 45H to 460 to 0
- 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. Boremark is 3.7 above grade.

Main View 22 Bore

LE

2.0'

ZKML1003

2'



24° FITTING

ML005

5'

JT# A1200 (A)
Pritec

ZKTI007

JT# ?
CONC

?

21.15

JT# P-AUG70
CONC.

ZKTI006

7.7



ANGR-51
FITTING

LE

TI

J# A1121
Pritec
11.5

RTZ ML013

J# A0671
CONC.
? full lt

RTLT018

45°

45°

46275

SEE RIWR INSTALL



J# A1116
Pritec
60.2

U°

J# A1120
Pritec
60.2

RTBML027

J# A1121
Pritec
30.0

RTBML032



J# A1118
Pritec
59.8

RTBML033C

J# 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^o)

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 289 potentially to be available
Thurs^y 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'x45'
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 Wood^Y.
- O $\frac{1}{2}$ U, RR x-ing at Fay Ln. Completed
- Rt 2 bore now moving to RR
- Need info for Veloc. Row on 239.

Essex Way Bore

Entry Pit:

238+20 to 238+61

Exit Pit:

240+64 to 240+74

RCP Drain = 238+68

238+98 END OCCUPATION

238+85 END SHORING

238+45 BEGIN SHORING

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
115+00 with Tyler B. & Joey Wilson.
Reviewed site. Received a call from
Bob J. 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
PFT 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 ↓

1) Redmond 426+50 to 434+50

2) 268+00 to Essey Way

3) Mill Pond Rd.

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

Env.:

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 $\frac{1}{2}$ HDD #2 - Sand Plains)

Indian Brook & Winooski Rvr Drill
Indian Brook will be finished shortly
Redmond Rd needs to be v-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:

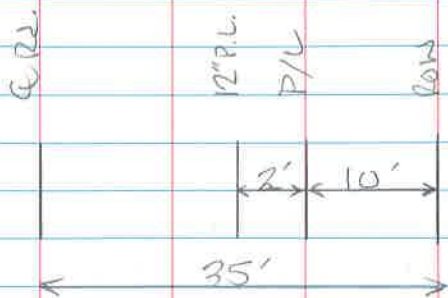
- 1) Check corn field at 555+00.
- 2) 1 G stake on east bank of Alder Brook.

12:00 PM Brian Right (CCSW) arrives. Brings up p.l. needing to be deeper through designated area and additionally to stay w/in R2 ROW between 405+50 to 415+25. Pipe is currently installed to 414+75 and is w/in R2 ROW. Ditch is dug back to 414+00 where it is 2' out side of R2 ROW. Brian would like to meet today after 2:30pm

9/9/14 Constⁿ Meeting

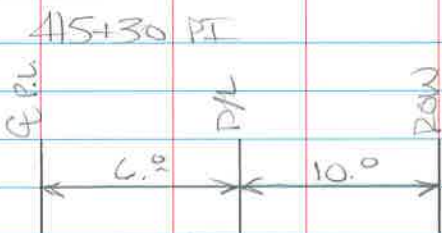
I asked Freddie to go ahead and submit a plan for 20' or deeper hole as well as a plan to extend the bore beyond the bike path on Essex exit pit.

Rte. 2 is complete from
553+00 to



18.6' from Pole to ROW line
on Google Earth.

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



9/11/14

Relocate MW1 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 on Mt. View to Rt 2

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

* Rack from 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. Ch. 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
 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 11/29/14

9/22/14 Survey Meeting

- Freddie to work from RR bore heading west

- Priorities

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

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

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

9/22/14

300' Hc. 7 = 553+50 to 545+50
3790' Mtn. View Φ (Kedman) = 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

9:00 AM 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

Installed:

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

✓ R.R. bore: 372+30 to 373+80

Alder Brook: 345+50 to 355+00

✓ Martin View & Redmond: 487+90 to 400+00

✓ Indian Brook: 187+00 to 194+00

Rte. 2: 545+50 to



9/29/14 Survey Meeting

- 1) € from Rte. 2 to Martin View
- 2) € 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 $\frac{1}{2}$ sewer, 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 do
exchange as built info. After lunch,
met LD, Charlie, Joey, Efram
to look at new access rd. by Land
Fill Ln. which turned into re-route

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 sight. 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 grounding 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 constⁱⁿ

- * 1) - What will O³U 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 kind 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 O³U 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) Williston 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.

9 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-mg (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

Winoski HDD

365+50.1

△ ANG P 65 (B) 32°

RTBTI 130

A0401
21.2

RTCHDD 125

SEE DRILL
STRING INFO

RTCHDD 086

A0100
37.5

ZTDHDD 459

SEE DRILL
STRING INFO

A0263

▽ RTCHDD 085

A0114
8.1

356+18.8

RTBTI 150

ANG P 67 (B)

2A HDD

← Z →

LE/116+17
A0042
18.0

RIFHDD001
A0049
59.3

RIDHDD677
A0028
60.8

RIDHDD669
A0022
60.2

RIDHDD670
A0055
60.1

RTEHDD017
A0068
60.3

RIDHDD668
A0035
60.3

RIDHDD664
A0054
60.0

RIDHDD662
A0072
60.2

RTEHDD018
A0027
60.4

RIDHDD667
A0040
60.0

RIDHDD663
A0048
60.0

RIDHDD661

Test
Joint

1st string

2nd string

3rd string (cont)

2A HDD

N

RTCHDD061
A0034
60.1

RTCHDD019
A0154
40.5

RTFHDD002R
A0042(A)
26.3

RTF/EHDD003R
A0401
20.9

RTCHDD133
A0253
39.2

LE/108+60

3rd string

4th string

2nd Set of 189 Drill Strings

LE	LE
A0287 60.2	A0301 60.3
RIEHDD013 A0292 60.0	RIEHDD015 A0424 60.1
RIEHDD012 A0269 60.1	RIEHDD014 A0421 60.1

RIEHDD009	RIEHDD010
A0284 60.1	A0286 60.1

RIEHDD008	RIEHDD011
A0293 60.1	A0080 60.0

RIEHDD007	RIEHDD016
A0270 60.0	A0082 60.0

RIEHDD006	LE
A0294 60.0	"I"

RIEHDD005	360.0
A0424 60.0	

RIEHDD004	1021.7 (total)
A0422 60.3	

RIEHDD003
A0416 60.0

RIEHDD002
A0418 60.3

LE

"H" = 661.1

5/13/2015

N

2A HDD DRILL STRINGS

LE	LE	LE
A0027 60.4	A0068 60.3	A0069 59.8
RIEHDD667 A0040 60.0	RIEHDD668 A0035 60.3	RIEHDD677 A0028 60.1
RIEHDD663 A0048 60.0	RIEHDD664 A0054 60.0	RIEHDD665 A0022 60.2
RIEHDD661 A0034 60.1	RIEHDD662 A0072 60.2	RIEHDD670 A0055 60.1

LE	LE	LE	"I"
"E"	"F"	"G"	121.5

REDMOND RD. HDD DRILL STRINGS

506.4 977.4 (total)

LE	471.0
A0063 40.6	

RIEHDD187 ^v	LE
A0060 34.7	A0116 40.4

RIEHDD162 ⁱ	RIEHDD188 ^x
A0146 32.2	A0067 42.2

RIEHDD160 ^v	RIEHDD161 ^x
A0181 33.0	A0148 32.9

RIEHDD158 ^v	RIEHDD159 ^x
A0212 29.6	A0172 35.3

RIEHDD156 ^v	RIEHDD157 ^x
A0221 31.8	A0178 32.0

RIEHDD154 ^v	RIEHDD155 ^x
------------------------	------------------------

"C" cont.

"D" cont.

N

RTCHDD154 ✓

A0162
45.6

RTCHDD155 X

A0220
27.8

RTCHDD152 ✓

A0207
42.8

RTCHDD153 X

A0102
42.4

RTCHDD150 ✓

A0170
45.2

RTCHDD151 X

A0196
43.1

RTCHDD148 ✓

A0159
42.4

RTCHDD149 X

A0206
43.7

RTCHDD144 ✓

A0151
42.3

RTCHDD147 X

A0167
~~42.8~~ 32.5

RTCHDD169 ✓

A0032
44.6

RTCHDD143 X

A0154
~~42.1~~ 10.4

RTCHDD170 ✓

A0064
~~42.2~~ 15.8

RTCHDD168 X

A0042
46.3

LE

LE

"K"

"D"

Polmonel Pl. HDD

Now 372.3

Winnoski Riv. HDD

* This is LE
on North side of
river.

CAP

CAP

A0263
48.8*A0253
40.5

RTCHDD132

RTCHDD133

A0420
31.2

CUT

A0401
42.1

RTCHDD126

RTCHDD125

"A" CONT.

"B" CONT.

Winnoski Riv. HDD

RTCHDD126

A0295
44.6

RTCHDD125

A0319
41.6

RTCHDD123

A0311
40.3

RTCHDD124

A0364
43.3

RTCHDD121

A0367
33.3

RTCHDD122

A0377
39.0

RTCHDD114

A0369
33.4

RTCHDD115

A0400
38.8

RTCHDD112

A0356
32.6

RTCHDD113

A0117
33.5

RTCHDD104

A0223
40.8

RTCHDD103

A0103
29.6

RTCHDD101

A0211
45.3

RTCHDD102

A0119
39.5

RTCHDD099

A0208
44.0

RTCHDD100

A0132
44.9

RTCHDD089

A0303
30.4

RTCHDD090

A0061
40.3

RTCHDD087

A0298
38.6

RTCHDD088

A0098
38.3

RTCHDD085

*A0114
44.3

RTCHDD086

A0100
37.5* This is the
LE on South side
of river.

Pip = 36.75

LE

LE

Cut 10/25/14

"A"

"B"

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⁺ sh^t

RIB ML 75

76

RIB+T 001

002

12" x .312" 1/65, Dritec coat's

▲ 19° PT RT.

∪ 3° SAG 3.6 WR

∪ 2 1/2° O.B. 3.0 WR

□□□ Bentonite Trench Bdr.

— MLXXY

JT#
HT#

— MLXXX 3.2 WR

JT#XXX
HT#XXY

FBE w/ CONC. COAT'S

IT#	HT#	L.
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