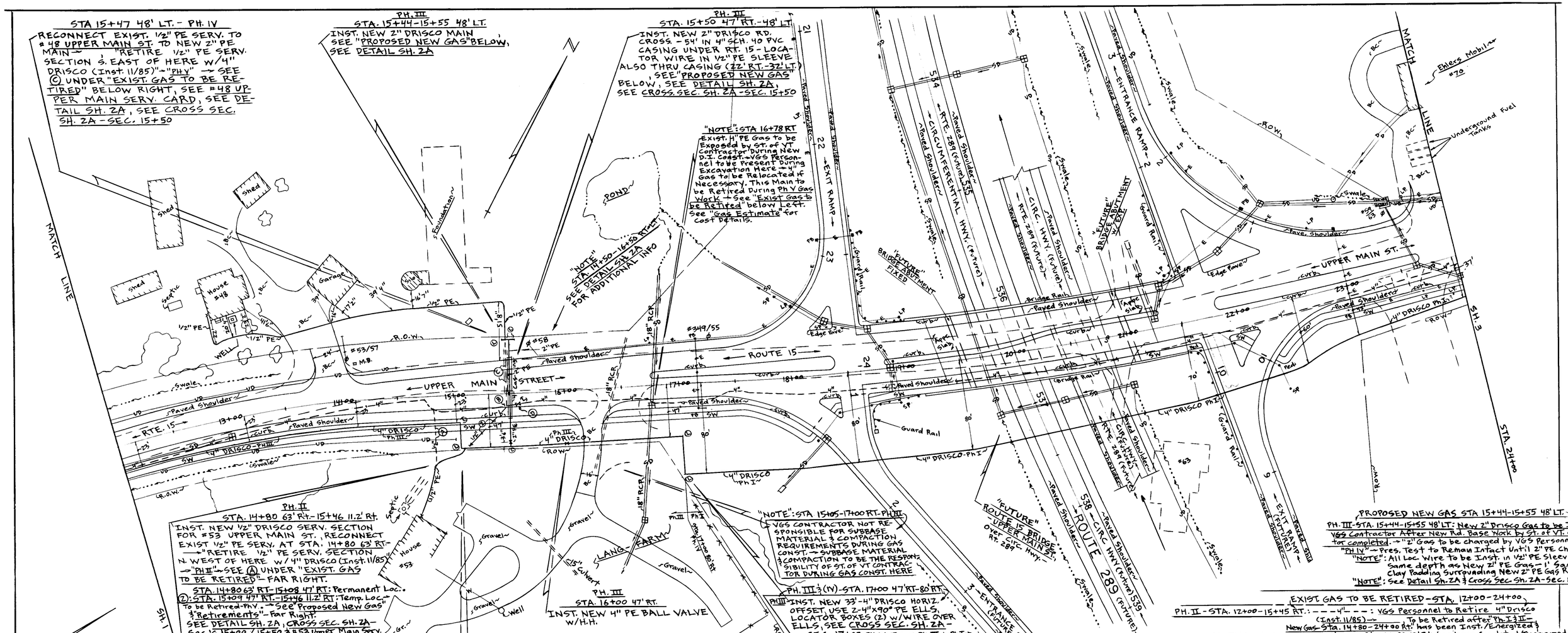
STA 15+47 48' LT. - PH. IV
RECONNECT EXIST. 1/2" PE SERV. TO #48 UPPER MAIN ST. TO NEW 2" PE MAIN, RETIRE 1/2" PE SERV. SECTION S. EAST OF HERE W/4" DRISCO (Inst. 11/85) → "PH V" → SEE (C) UNDER "EXIST. GAS TO BE RETIRED" BELOW RIGHT, SEE #48 UPPER MAIN SERV. CARD, SEE DETAIL SH. 2A, SEE CROSS SEC. SH. 2A - SEC. 15+50
PH. III
STA. 15+44-15+55 48' LT.
INST. NEW 2" DRISCO MAIN SEE "PROPOSED NEW GAS" BELOW, SEE DETAIL SH. 2A
PH. III
STA. 15+50 47' RT.-48' LT.
INST. NEW 2" DRISCO RD. CROSS. - 54' IN 4" SCH. 40 PVC CASING UNDER RT. 15 - LOCATOR WIRE IN 1/2" PE SLEEVE ALSO THRU CASING (22' RT.-32' LT.), SEE "PROPOSED NEW GAS" BELOW, SEE DETAIL SH. 2A, SEE CROSS SEC. SH. 2A - SEC. 15+50
"NOTE": STA 16+78 RT
Exist. 4" PE Gas to be Exposed by St. of VT Contractor During New D.I. Culvert - VGS Personnel to be Present During Excavation Here - 4" Gas to be Relocated if Necessary. This Main to be Retired During Ph V Gas Work - See "Exist Gas to be Retired" below Left. See "Gas Estimate" for cost Details.
"NOTE": STA. 14+50-16+50 RT-MT SEE DETAIL SH. 2A FOR ADDITIONAL INFO
MATCH LINE
Shed
Shed
Shed
Septic
House #48
Garage
WELL
Foundation
POND
R.O.W.
Swale
Paved Shoulder
UPPER MAIN STREET
ROUTE 15
RTE. 15
4" DRISCO Ph III
4" DRISCO Ph I
Guard Rail
Edge Fence
EXIT RAMP
"FUTURE" BRIDGE ABUTMENT FIXED
CIRCUMFERENTIAL HWY. (Future)
RTE. 289 (Future)
CIRC. HWY. (Future)
"FUTURE" BRIDGE ABUTMENT W/ EXP.
ENTRANCE RAMP
Bridge Rail
Apron Slab
Curb
ROW
Enlecs Mobil #70
Underground Fuel Tanks
MATCH LINE
STA. 24+00
"FUTURE" ROUTE 15 BRIDGE OVER UPPER MAIN ST. - CIRC. HWY. - RT. 289
ROUTE 289 CIRC. HWY. (Future)
LANG FARM
Gravel
Culvert
Well
House
Barn
Silo
STA. 12+00
STA. 1
STA. 3
PH. II
STA. 14+80 63' Rt.-15+46 11.2' Rt.
INST. NEW 1/2" DRISCO SERV. SECTION FOR #53 UPPER MAIN ST., RECONNECT EXIST 1/2" PE SERV. AT STA. 14+80 63' RT. - "RETIRE 1/2" PE SERV. SECTION N. WEST OF HERE W/4" DRISCO (Inst. 11/85) → "PH II" → SEE (A) UNDER "EXIST. GAS TO BE RETIRED" - FAR RIGHT.
STA. 14+80 63' RT-15+08 47' RT: Permanent Loc.
(2): STA. 15+09 47' RT.-15+46 11.2' RT: Temp. Loc. - To be Retired-PH V. → See "Proposed New Gas" & "Retirements" - Far Right.
SEE DETAIL SH. 2A, CROSS SEC. SH. 2A - Sec.'s 15+00 / 15+50, & #53 Upper Main Serv. Card.
PH. III
STA. 16+00 47' RT.
INST. NEW 4" PE BALL VALVE W/H.H.
PH. III
STA. 15+05 23' RT.-47' RT.
INST. NEW 24'-4" DRISCO HORIZ. OFFSET, USE 2-4"x90° PE ELLS, LOCATOR BOXES (2) w/WIRE OVER ELLS, SEE DETAIL SH. 2A, SEE "PROPOSED NEW GAS" BELOW, SEE CROSS SEC. SH. 2A SEC. 15+00
"NOTE": STA 15+05-17+00 RT-PH III
VGS CONTRACTOR NOT RESPONSIBLE FOR SUBBASE MATERIAL & COMPACTION REQUIREMENTS DURING GAS CONST. → SUBBASE MATERIAL & COMPACTION TO BE THE RESPONSIBILITY OF ST. OF VT CONTRACTOR DURING GAS CONST. HERE
PH. III & (IV) - STA. 17+00 47' RT-80 RT.
PH III "INST. NEW 33'-4" DRISCO HORIZ. OFFSET, USE 2-4"x90° PE ELLS, LOCATOR BOXES (2) w/WIRE OVER ELLS, SEE CROSS SEC. SH. 2A - SEC. 17+00, PH IV: Tie-in Ph. III to Ph I - See "Proposed New Gas Below"
"NOTE": ST. OF VT CONTRACTORS/UTILITY CONTRACTORS
I. Any Contractor or Excavator Working near Gas Lines to Conform to "VGS Specifications & Requirements → Working in the Vicinity of Gas Lines"
II. All Live Gas Lines Within 150' of Blasting to be Leak Surveyed by VGS immediately before & immediately after blasting
III. VGS not responsible for Ledge Removal for Installation of New Gas - All Ledge Removal Required (if Any) for Gas Installation to be performed by St. of VT Entities
PROPOSED NEW GAS STA 15+44-15+55 48' LT.
PH. III - STA. 15+44-15+55 48' LT: New 2" Drisco Gas to be Inst by VGS Contractor After New Rd. Base Work by St. of VT Contractor Completed. - "2" Gas to be charged by VGS Personnel → "PH IV" → Pres. Test to Remain Intact Until 2" PE Charged.
"NOTE": All Loc. Wire to be Inst. in 1/2" PE Sleeve at Same depth as New 2" PE Gas - 1' Sand or Clay Padding Surrounding New 2" PE Gas Required.
"NOTE": See Detail Sh. 2A & Cross Sec. Sh. 2A - Sec. 15+50
EXIST. GAS TO BE RETIRED - STA. 12+00 - 24+00
PH. II - STA. 12+00 - 15+45 RT.: - - - 4" - - - : VGS Personnel to Retire 4" Drisco (Inst. 11/85) → To be Retired after "Ph. I & II - New Gas - Sta. 14+80 - 24+00 Rt." has been Inst./Energized & Ph. II "Exist. Gas Reconnection" - Sta. 14+80 63' Rt. has been Completed/Energized
"To be Retired Prior to Any Blasting for Ledge Removal & Prior to New Rd. Work." "See Cross Sec. Sh. 1B & 2A"
"See Detail Sh. 2A"
PH. V - STA. 15+45 - 24+00 RT.: - - - 4" - - - :
VGS Personnel to Retire 4" Drisco (Inst. 11/85) after Ph.'s I - IV have been completed, to be Retired after Ph. III "New Gas" - Sta. 15+50 47' RT - 48' LT / Sta. 15+44-15+55 48' LT. has been Inst./Energized & Ph. IV "Exist. Gas Reconnection" - Sta. 15+47 48' LT has been Completed/Energized.
"To be Retired Prior to New Rd. Const. at Sta 18+50 - 24+00", "See Cross Sec. Sh. 2A, 2B, 2C, 2D"
"See Detail Sh. 2A"
PH. II - (A) - STA. 14+80 63' RT.-14+82 11.2 RT: See Detail Sh. 2A
PH V - (B) - STA. 15+45 11.5' RT.: See Detail Sh. 2A
PH V - (C) - STA. 15+47 11' RT.-48' LT.: See Detail Sh. 2A
PH V - (D) - STA. 15+58 9.5' RT: Retire 4" PE Valve: See Detail Sh. 2A
Misc. Retirement: PH V - (2) - STA. 15+09 47' RT-15+46 11.2' RT: See Detail Sh. 2A
"NOTE"
STA. 12+00 - 24+00
PROPOSED GAS WORK
PH. I
PH II
PH III
PH IV
PH V :
SEE: "PROPOSED NEW GAS" - TO THE RIGHT
"EXIST. GAS LATERALS TO BE RECONNECTED" - BELOW & "EXIST. GAS TO BE RETIRED" - FAR RIGHT
EXIST. GAS LATERALS TO BE RECONNECTED
PH. II - STA 14+80 63' RT: Reconnect Exist. 1/2" PE Serv. to #53 Upper Main St. "See Detail Sh. 2A" & Cross Sec. Sh. 2A - Sec. 15+00, See Serv. Card
PH. IV - STA. 15+47 48' LT.: Reconnect Exist. 1/2" PE Serv. to #48 Upper Main St. to New 2" PE Main "See Detail Sh. 2A" & Cross Sec. Sh. 2A - Sec. 15+50, See Serv. Card
PROPOSED NEW GAS - STA 12+00 - 24+00 RT.
PH. III. - STA. 12+00 - 15+05 RT.: New 4" Drisco Gas to be Inst. by VGS Contractor After Ledge Areas Removed.
"NOTE": → New 4" Drisco Gas to be Installed in conjunction w/ Road Base Work to Avoid Extra Costs for Additional Depth & Clean-Up → Also to Avoid Damages to 4" Gas if Road built after Gas Installed → & Also to Avoid Road Base Damages & Extra Clean-Up Costs if Gas Installed after Road Base Work, →
"SEE CROSS. SEC. SH.'s 1B & 2A FOR PROPOSED ELEV."
"New 4" PE Gas to be charged by VGS Personnel After Road Base Work Completed - (PH IV), → Pressure Test to Remain Intact & Monitored by VGS Personnel Until New 4" Gas is charged"
"NOTE": VGS not Responsible for Ledge Removal for Installation of New 4" Gas → 1' Sand Padding Surrounding Gas Required → All Ledge Removal Needed for Road base & Gas Installation to be performed by St. of VT Entities
Sta. 12+00 - 15+05 23' Rt. Sta. 15+05 23' Rt.-47' Rt.
"NOTE": All Tracer Wire for New 4" PE Gas to be Installed in 1/2" PE Sleeve at Same Depth as 4" PE Gas, 1' Sand or Clay Padding Surrounding 4" PE Gas Required
"NOTE": Also See Detail Sh. 2A
PH. III - STA. 15+05 - 17+00 RT.: New 4" Drisco Gas to be Inst. by VGS Contractor After New Rd. Const. by St. of VT Contractor for Completed Here → See "Notes 1 & 2" Directly Below
"NOTE 1": 1' Sand or Clay Padding Surrounding 4" PE Gas Required
"NOTE 2": VGS Strongly suggests that a Maximum 3'6" of Fill cover be provided by St. of VT Contractor Here to Avoid Extra Costs for Additional Gas Depth, →
"SEE CROSS SEC. SH.'s 2A & 2B FOR PROPOSED ELEV."
"New 4" PE Gas to be charged by VGS Personnel From Exist. & Ph. I Gas" - "Ph. IV" → Pressure Test to Remain Intact & Monitored by VGS Personnel Until New 4" Gas Charged
"NOTE": All Tracer Wire for New 4" PE Gas to be Inst. in 1/2" PE Sleeve at Same Depth as 4" PE Gas
"NOTE": Also See Detail Sh. 2A
Sta. 15+05 - 17+00 47' RT STA. 17+00 47' RT - 80' Rt.
PH. I - STA. 17+00 80' Rt.-24+00 37' Rt.: New 4" Drisco Gas to be Inst. by VGS Contractor Prior to Any New Rd. Const. Here
"NOTE": Tracer Wire direct burried 6" to 1' Above New 4" PE Gas Here, 1' Sand or Clay Padding Surrounding 4" PE Gas Required
"SEE CROSS SEC. SH.'s 2B, 2C, & 2D FOR PROPOSED ELEV."
"New 4" PE Gas to be charged by VGS Personnel Prior to Any New Rd. Const. - (PH I)"
Sta. 17+00 - 19+50 80' Rt. - 21+50 70' Rt. - 22+50 60' Rt. - 23+00 45' Rt.
Sta. 23+00 45' Rt - 24+00 37' Rt.
PROPOSED NEW GAS - STA. 14+80 - 15+55
PH. II - STA. 14+80 63' RT.-15+46 11.2' RT.: New 1/2" Drisco Serv. Section to #53 Upper Main St. to be Inst. & Charged by VGS Personnel Prior to New Rd. Const. → "Do Not Inst. Flow Lim. at Exist. 4" PE (Inst. 11/85) - Sta. 15+46 11.2 Rt."
Sta. 14+80 63' Rt.-15+08 47' Rt.: Permanent Loc. - New 1/2" PE Gas to be Reconnected to Exist. 1/2" PE Gas at Sta. 14+80 63' Rt. → N. West of here - See (A) Under "Exist. Gas to be Retired" - To The Right. "New 1/2" PE Gas to be Reconnected to New 4" PE Live Gas at Sta. 15+08 47' Rt. by VGS Personnel" → "PH IV"
(2) Sta. 15+09 47' Rt-15+46 11.2' Rt: Temp. Loc.: New 1/2" PE Gas to be Retired w/4" PE Main (Inst. 11/85) → "PH V" → See "Exist Gas to be Retired" Above
"NOTE": See Detail Sh. 2A & Cross Sec. Sh. 2A - Sec.'s 15+00 & 15+50 for Additional Details
Refer to #53 Upper Main Serv. Card
PH III. STA. 15+50 47' RT - 48' LT: New 2" Drisco Rd. Cross - 54' in 4" Sch. 40 PVC Casing Under Rt. 15 - Locator Wire in 1/2" PE Sleeve thru 4" PVC Casing (22' Rt - 32' Lt)
22' RT - 32' LT: 4" Drisco Casing to be Inst. by St. of VT Contractor during New Rd. Base Const. → VGS to Supply Casing Materials → See VGS Casing Detail (8 1/2"x11" Sh.) for Installation Instructions
Ph. III: 47' Rt.-48' Lt: 2" Drisco Gas w/1/2" PE Sleeved Loc. Wire to be Inst. by VGS Contractor After New Rd. Base/Grading & Casing Installation completed. "2" PE Gas to be charged by VGS Personnel" → "PH IV" → Pres. Test to Remain Intact Until charged
"NOTE": 47' Rt-48' Lt: All Loc. Wire in 1/2" PE Sleeve at Same Depth as New 2" PE Gas. 1' Sand or Clay Padding Surrounding New 2" PE Gas/4" PVC Casing Required
"NOTE": See Detail Sh. 2A & Cross Sec. Sh. 2A - Sec. 15+50
"NOTE": Sta. 17+50 - 22+50 Rt.: Future Relocation for Rt. 289; & Rt. 15 Bridge
ST. OF VT. ROAD CONST. 1991 (Circ. Hwy. - Rte. 289)
Exist. Gas Record Update: Sta. 12+00 - 24+00: 99.a.-VGS 12/90
MEDIUM PRESSURE
VERMONT GAS SYSTEMS INC.
NATURAL GAS PIPELINE
UPPER MAIN ST. ROUTE 15
TOWN OF ESSEX
DWN. BY: 99.a. DATE: 11/90
SCALE: 1" = 40'
SHEET: 2 of 3
GAS DESIGN: Sta. 12+00-24+00: 99.a.-VGS - 11/91
Gas Design Revisions - 5/91-99.a.-VGS