



03/25/2021

Elise Dillow, PE
Schaumburg & Polk, Inc.
11767 Katy Fwy #900
Houston, Texas 77079
edillow@spi-eng.com

Re: Line V4 Stress Evaluation,
Atmos Pipeline Crossing
Ft. Bend County, TX

Dear Ms. Dillow:

It is Atmos Energy Corporation's (Atmos Energy) understanding that Schaumburg & Polk, Inc. is proposing the construction of Gaston Road and Katy Flewellen Road that will encroach upon Atmos Energy's Line V4 (18" steel gas pipeline) easement at three locations between approximate pipeline station numbers 274+50 and 276+45. Also, improvements to an existing ditch near Gaston Road will encroach upon Atmos Energy's Line V4 at one location near pipeline station number 299+45. The maximum proposed construction equipment will be a 65,000 lbs excavator or bulldozer. The encroachments entail construction equipment loads during construction and AASHTO HS20 loading after construction.

The proposed design as shown in 190206_Katy Flewellen Rd_FBC#13316 dated 11/04/2019 on Page 32 indicates that Katy-Flewellen Rd will encroach upon Atmos Energy's Line V4 (18" steel pipeline) at a near 90-degree angle. The existing depth from the top of the pipe to the existing grade level is approximately 54 inches. Per the proposed design existing cover will be changed from approximately 54 inches and be restored to an approximate minimum of 42 inches at the pavement centerline.

The proposed design as shown in 190206_Katy Flewellen Rd_FBC#13316 dated 11/04/2019 on Page 32 indicates that a ditch on the west side of Katy-Flewellen Rd will encroach upon Atmos Energy's Line V4 (18" steel pipeline) at a near 90-degree angle. The existing depth from the top of the pipe to the existing grade level is approximately 51 inches. Per the proposed design existing cover will be changed from approximately 51 inches and be restored to an approximate minimum of 36 inches at the ditch centerline.

The proposed design as shown in 190206_Katy Flewellen Rd_FBC#13316 dated 11/04/2019 on page 34 indicates that Gaston Road will encroach upon Atmos Energy's Line V4 (18" steel pipeline) at a near 45-degree angle. The existing depth from the top of the pipe to the existing grade level is approximately 60 inches. Per the proposed design existing cover will be changed from approximately 60 inches and be restored to an approximate minimum of 66 inches at the pavement centerline.

The proposed design as shown in 190206_Katy Flewellen Rd_FBC#13316 dated 11/04/2019 on Page 34 indicates that a ditch on the south side of Gaston Rd will encroach upon Atmos Energy's Line V4 (18" steel pipeline) at a near 45-degree angle. The existing depth from the top of the pipe to the existing grade level is approximately 60 inches. Per the proposed design existing cover will be changed from approximately 60 inches and be restored to an approximate minimum of 52 inches at the ditch centerline.

The proposed design as shown in 190206_Katy Flewellen Rd_FBC#13316 dated 11/04/2019 on Page 168 indicates that ditch improvements on the south side of Gaston Rd will encroach upon Atmos Energy's Line V4 (18" steel pipeline) at a near 90-degree angle. The existing depth from the top of the pipe to the existing grade level is approximately 42 inches. Per the proposed design existing cover will be changed from approximately 42 inches and be restored to an approximate minimum of 24 inches of natural cover and an additional 5 inches of concrete cover at the ditch centerline.

Based on the above referenced information, Atmos Energy has determined that the activities associated with the construction equipment crossings due to the road construction within the Atmos Energy easement will not present a significant conflict if the following requirements are met:

- An Atmos Energy representative must be present during any and all work within Atmos Energy's easement. Atmos Energy representative **Dillon Diamond (214-364-4066)** must be notified at least three (3) days (72 hours) in advance of any activities within the vicinity of Atmos Energy facilities in order to avoid any delays in field activities.
- **Atmos Energy's facilities must be exposed and their elevations field verified prior to starting any construction activity.** In the event that Atmos Energy's facilities were inaccurately represented in the proposed design, construction will not be allowed to continue in Atmos Energy's easement until the field-verified location(s) of Atmos Energy facilities have been incorporated into the project design and resubmitted to Atmos Energy for re-review and approval.
- Mechanical excavation (and/or compaction), with the exception of the potholing procedure mentioned above, is not allowed within three (3) feet horizontally from Atmos Energy's facilities.
- Excavation (and / or compaction) closer than three (3) feet horizontally from Atmos Energy's facilities must be done by hand.

- All underground utility lines must be installed in a substantially straight line parallel to grade under Atmos Energy's facilities and maintain a minimum vertical separation of 24 inches between the bottom of Atmos Energy's facilities and top of third party line.
- Positive drainage must be maintained within Atmos Energy's easement. Placement of any additional fill within the easement is not permitted without the prior written approval of Atmos Energy.
- At no time may cover be removed from the easement or right-of-way without the prior written approval of Atmos Energy and in no case may cover over Atmos Energy's facilities be reduced to less than 42 inches (top of grade to top of pipe).
- Equipment crossing the easement or right-of-way during construction must be evaluated by Atmos Energy for external loads to determine if additional cover or other protective measures over the facilities are required.
- Atmos Energy's easement will be protected from washing and erosion during construction and/or repairs.
- Equipment, materials, or excess dirt will not be stored on the easement during construction without the prior written approval of Atmos Energy.
- Atmos Energy will not be responsible for damage to any allowed encroachments.
- Atmos Energy reserves the right for future uses of this easement, including but not limited to, ingress and egress, reconstructing, removing, relocating, maintaining, operating, etc., of any of its facilities.
- Impact/conflict analysis was based on and is limited to drawings and documents submitted to Atmos Energy, as referenced above. ANY change in scope of work contained in these drawings must be resubmitted for re-review and approval.

If you have any questions or if I may be of additional assistance, please feel free to call Burton Jones at (254) 242-8618 or myself at (979) 774-2506.

Sincerely,

Josh Norton

Josh Norton
Manager of Engineering Services
Atmos Energy Corporation
297 N Earl Rudder
Bryan, TX 77802

cc: Luis Cisneros
Daryl Talley
Wyatt French

Signature: _____

Name: KP George

Company: Fort Bend County

Title: County Judge

Date: _____