



LSC TRANSPORTATION CONSULTANTS, INC.
2504 East Pikes Peak Avenue, Suite 304
Colorado Springs, CO 80909
(719) 633-2868
FAX (719) 633-5430
E-mail: lsc@lsctrans.com
Website: <http://www.lsctrans.com>

The Estates at Rolling Hills Ranch Filing No. 2 Traffic Impact Study (LSC #204400) July 24, 2020

Add PCD File No. PUDSP204 & SF2018

1 Traffic Engineer's Statement

This traffic report and supporting information were prepared under my responsible charge and they comport with the standard of care. So far as is consistent with the standard of care, said report was prepared in general conformance with the criteria established by the County for traffic reports.



Developer's Statement

I, the Developer, have read and will comply with all commitments made on my behalf within this report.

A handwritten signature in black ink, appearing to be 'Paul [unclear]', written over a horizontal line.

7/27/20
Date


LSC Responses to TIS Redline Comments

Estates Rolling Hills Ranch Fil No 2 TIA

Page: 1

 Number: 1 Author: Daniel Torres Subject: Text Box Date: 8/31/2020 16:36:34

[Add PCD File No. PUDSP204 & SF2018](#)

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 08:53:32
updated as requested

- A traffic-signal warrant analysis at Meridian Road/Rex Road; and
- The recommended street classifications for the internal streets within the proposed development.

98 lots are indicated in the letter of intent and the PUD plan. Revise accordingly. ¹

Previous Traffic Reports Completed in the Area

A list of other traffic studies in the study area completed within the past five years (that LSC is aware of) is attached for reference. This study accounts for the land use, trip generation, and roadway network included in these studies.

LAND USE AND ACCESS

Land Use

Figure 2 shows the proposed site plan for the Estates at Rolling Hills Ranch Filing No. 2. The site is planned to include a total of 95 lots for single-family homes. The Estates at Rolling Hills Ranch Filing No. 1, located just west of the site, is planned to include 16 lots for single-family homes. The area just east of the site is planned for future Estates at Rolling Hills Ranch filings. It was assumed that this area would be developed with about 151 additional lots for single-family homes. Rolling Hills Ranch at Meridian Ranch Filing Nos. 1, 2, and 3, located just south of the site, is planned to be developed with 725 lots for single-family homes.

east

west

Rex Road is planned to be constructed from its existing terminus to the intersection of Rex Road/Sunrise Ridge Drive, as part of The Estates at Rolling Hills Ranch Filing No. 1. As part of Filing No. 2, Rex Road will be constructed an additional 1,804 feet to the east to a proposed new full-movement intersection (Estate Ridge Drive). There is a planned full-movement access on the south side of this new section of Rex Road for the Rolling Hills Ranch at Meridian Ranch Filing Nos. 1, 2, and 3 located about 1,244 feet west of Sunrise Ridge Drive and 560 feet east of Estate Ridge Drive.

Conformance to the 2017 Sketch Plan Amendment

The currently-proposed land use, internal circulation, connectivity, and access for this project is generally comparable to the 2017 Sketch Plan Amendment and the associated LSC traffic report dated October 3, 2017. Additional detail has been provided for Rex Road intersections to assist with design, as one of the access points has been removed since the Sketch Plan Amendment. Also, this report includes current evaluation of the signal warrants at Meridian/Rex.

Provide an exhibit of the Pedestrian route(s) to schools ⁴


Pedestrian Routes to Schools

All of the existing and planned schools within two miles of the site (Falcon High School, Meridian Ranch Elementary, and a future school site located just north of Falcon High School) are located south of Rex Road. Pedestrian crossings may be needed at the intersections of Rex/Sunrise Ridge and Rex/ Estate Ridge Drive, if students are not bused to the area schools.

Please be more definitive in your recommendation for the pedestrian crossing. It appears that the site is within a distance where students may be expected to walk to school and therefore pedestrian crossings would be needed. ⁵

 Number: 1 Author: Daniel Torres Subject: Callout Date: 9/1/2020 21:03:03


98 lots are indicated in the letter of intent and the PUD plan. Revise accordingly.

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 08:55:45

The text has been revised to 98 lots. All analysis was based on 98 single family homes.

 Number: 2 Author: Daniel Torres Subject: Callout Date: 8/31/2020 16:59:27

west

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 08:55:57

The text has been revised

 Number: 3 Author: Daniel Torres Subject: Callout Date: 8/31/2020 16:59:08

east

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 08:56:42

The text has been revised

 Number: 4 Author: Daniel Torres Subject: Callout Date: 9/1/2020 19:29:40

Provide an exhibit of the Pedestrian route(s) to schools

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 15:03:27

The requested information has been added to the updated TIA

 Number: 5 Author: Daniel Torres Subject: Callout Date: 9/1/2020 19:48:02

Please be more definitive in your recommendation for the pedestrian crossing. It appears that the site is within a distance where students may be expected to walk to school and therefore pedestrian crossings would be needed.

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 15:03:48

The requested information has been added to the updated TIA

Sight Distance

Please also provide analysis of East Ridge Dr. and Rex Road intersection.

Figure 3 shows a sight distance analysis at the future intersection to Rex Road just east of Sunrise Ridge Drive. Based on a design speed of 40 miles per hour (mph) on Rex Road and the criteria contained in Table 2-21 of the ECM, the required intersection sight distance at the future intersection to Rex is 445 feet. Based on the criteria contained in Table 2-17 of the ECM, the required stopping sight distance approaching this intersection is 305 feet.

ROADWAY AND TRAFFIC CONDITIONS

Area Roadways

The major roadways in the site's vicinity are shown in Figure 1 and are described below. Copies of the 2016 El Paso County Major Transportation Corridors Plan (MTCP), 2040 Roadway Plan, and 2016 MTCP 2060 Corridor Preservation Plan with the site location identified on them have been attached to this report.


- **Rex Road** extends east from Goodson Road to Pyramid Peak Drive within the Meridian Ranch development. The posted speed limit on Rex Road is 45 miles per hour (mph) between Meridian Road and Mount Gateway Drive and 35 mph east of Mount Gateway Drive. Rex Road will be extended east to Eastonville Road in the intermediate term, as shown on the 2016 MTCP 2040 Roadway Plan, and may ultimately be extended to US Highway 24 (US Hwy 24), as shown on the 2016 MTCP 2060 Corridor Preservation Plan. The extension of Rex Road east of Eastonville Road is in the planning process as part of the Grandview Reserve development, located southeast of the future intersection of Eastonville/Rex. It is anticipated that this roadway segment would be installed prior to 2040. Rex Road is classified as a 4-Lane Minor Arterial roadway by El Paso County. Rex Road was previously shown as a Collector roadway in older versions of the MTCP. A copy of the 2040 MTCP Roadway plan from the *El Paso County 2040 Major Transportation Corridors Plan* adopted October 4, 2011 has been attached.

Regarding the existing Urban Collector cross section in the vicinity of Pyramid Peak Drive, at the time of application and approval of Meridian Ranch Estates Filing 2, Rex Road was classified as a Collector on the MTCP. It is our understanding that as part of the final plat process for Estates Filing No. 2, the County and GTL Development agreed that the four-lane cross section, built with the initial section of Rex Road east of Meridian, did not need to be carried farther east. As such, an agreement was reached to construct a County-standard Urban Residential Collector cross section.

- **Meridian Road** extends north from South Blaney Road to County Line Road. The posted speed limit on Meridian Road in the vicinity of Rex Road is 55 mph. Meridian Road is shown as a four-lane Principal Arterial south of Rex Road, a four-lane Minor Arterial north of Rex Road, and a two-lane Minor Arterial north of Murphy Road on the *El Paso County Major Transportation Corridors Plan (MTCP)*.

 Number: 1 Author: Daniel Torres Subject: Callout Date: 8/31/2020 17:58:17

Please also provide analysis of East Ridge Dr. and Rex Road intersection.

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 15:16:58

This text has been revised to indicate that the sight distance analysis was completed for the intersection of Estate Ridge Dr/Rex Road.

results. The laneage and traffic control assumed in the analysis are depicted in the figures. The level of service reports are attached.

Meridian/Rex

Is there any recommendations for bringing the LOS to an acceptable level with this filing?

1

The intersection of Meridian/Rex is currently two-way, stop sign-controlled. The westbound left-turn movement at this intersection is currently operating at a LOS F during the morning and afternoon peak hours. Table 3 shows the projected level of service if this intersection were converted to traffic signal control or reconstructed as a modern roundabout. Table 3 also shows the corresponding vehicular delay values for comparison.

As shown in Table 3, the intersection of Meridian/Rex is projected to operate at LOS D or better for all movements during the peak hours, based on the projected short-term and 2040 total traffic volumes, as either a traffic signal-controlled intersection or modern roundabout. By 2040, it was assumed that Meridian Road would be widened to provide two northbound and southbound through lanes.

Eastonville/Rex


Rex Road is planned to be extended east to the proposed full-movement intersection just east of Sunrise Ridge Drive, only in the short term. By 2040, it was assumed that Rex Road would be extended east to US Hwy 24. The intersection of Eastonville/Rex is projected to operate at LOS F for some of the minor movements, as a stop sign-controlled intersection, based on the projected 2040 total peak-hour traffic volumes. Table 4 shows the projected level of service, if this intersection were converted to traffic signal control or reconstructed as a modern roundabout. Table 4 also shows the corresponding vehicular delay values for comparison. As shown in Table 4, the intersection of Eastonville/Rex is projected to operate at LOS D or better for all movements during the peak hours, based on the projected short-term and 2040 total traffic volumes, as either a traffic signal-controlled intersection or modern roundabout.

Other Rex Road Intersections

The intersections of Pyramid Peak/Rex, Sunrise Ridge/Rex, the full-movement intersection for Rolling Hills Ranch at Meridian Ranch Filing Nos. 1, 2, and 3, and the full-movement intersection for the Estates at Rolling Hills Ranch Fil No. 2 (Estate Ridge Drive) are projected to operate at a LOS C or better for all movements as two-way, stop sign-controlled intersections, based on the projected short-term and 2040 total peak-hour traffic volumes.

 Number: 1 Author: Daniel Torres Subject: Callout Date: 9/1/2020 21:14:37

Is there any recommendations for bringing the LOS to an acceptable level with this filing?

 Author: Kirstin Subject: Sticky Note Date: 10/8/2020 08:33:17

The applicant is working with Public Works Division and the County Engineer on necessary details regarding future plans for this intersection. Once details are worked out, the applicant will prepare and submit plans for a traffic signal.

contracted work with El Paso County. Based on the analysis contained in this report, this would be the final remaining item before the warrant is satisfied.

Warrant 8, Roadway Network

Per the MUTCD, "Installing a traffic control signal at some intersections might be justified to encourage concentration and organization of traffic flow on a roadway network." This situation is not applicable to the intersection of Meridian/Rex.

Please submit the traffic signal plans with the final plat application.

Warrant 9, Intersection Near a Grade Crossing

There are no existing grade crossings in the vicinity of the intersection of Meridian/Rex.

Both an Eight-Hour and a Four-Hour Vehicular-Volume Traffic-Signal Warrant are projected to be met following buildout of the currently-proposed Estates at Rolling Hills Ranch Filing No. 2. The satisfaction of warrants does not indicate that a signal must be installed. The decision to require a signal to be installed at this location rests with the County. Following the acceptance of this finding, the applicant will begin the design plans for the traffic-control signal and obtain County approval. Therefore, once warrants are met in the field, the signal can be installed.

Provide recommendations for how this intersection will be monitored. Will traffic counts be provided yearly until actual warrants are met in the field? Please address.

CONCLUSIONS AND RECOMMENDATIONS

Trip Generation

- The Estates at Rolling Hills Ranch Filing No. 2 is expected to generate about 925 vehicle trips on the average weekday, with about half entering and half exiting the site during a 24-hour period. During the morning peak hour, about 18 vehicles would enter and 54 vehicles would exit the site. During the afternoon peak hour, about 18 vehicles would enter and 54 vehicles would exit the site.

A condition of approval might be included for monitoring the intersection and installation of the signal when warrants are met in the field.

Also, please note in the narrative that it is the applicant's responsibility to contact the road impact fee advisory committee to determine if this is an eligible intersection improvement for reimbursement under the road impact fee.

Required Improvements

- A list of all improvements in the vicinity of the site is presented in Table 6.
- Based on the projected 2040 total traffic volumes shown in Figure 11 and the criteria contained in the ECM, no auxiliary turns lanes are anticipated to be required on Rex Road approaching Sunrise Ridge Drive and Pyramid Peak Drive.
- Based on the projected 2040 total traffic volumes shown in Figure 11 and the criteria contained in the ECM, an eastbound left-turn lane is required on Rex Road approaching Estate Ridge Drive. This lane should be 205 feet long, plus a taper.
- Based on the projected 2040 total traffic volumes shown in Figure 11 and the criteria contained in the ECM, a westbound right-turn deceleration lane is not anticipated to be required on Rex Road approaching Estate Ridge Drive.

Please provide the taper length and ratio required for this turn lane

Number: 1 Author: Daniel Torres Subject: Callout Date: 9/1/2020 21:43:11

Please submit the traffic signal plans with the final plat application.

← Author: Kirstin Subject: Sticky Note Date: 10/8/2020 08:34:43

The applicant is working with Public Works Division and the County Engineer on necessary details regarding future plans for this intersection - primarily related to the future alignment, configuration, etc. of the west leg of the intersection. This information/direction is necessary prior to preparing the signal plans as these details directly affect the placement of signal poles and other design details. The applicant plans to prepare and submit traffic signal plans for review and approval once these details are worked out with Public Works Division.

The above has also been added to the TIS report.

Number: 2 Author: Daniel Torres Subject: Callout Date: 9/1/2020 21:41:06

Provide recommendations for how this intersection will be monitored. Will traffic counts be provided yearly until actual warrants are met in the field? Please address. A condition of approval might be included for monitoring the intersection and installation of the signal when warrants are met in the field. Also, please note in the narrative that it is the applicants responsibility to contact the road impact fee advisory committee to determine if this is an eligible intersection improvement for reimbursement under the road impact fee.

← Author: Kirstin Subject: Sticky Note Date: 10/8/2020 08:36:00

The applicant is working with Public Works Division and the County Engineer on necessary details regarding future plans for this intersection.

The narrative has been updated regarding the eligibility of this improvement under the fee program. Notes regarding applicant responsibility have also been added..

Number: 3 Author: Daniel Torres Subject: Callout Date: 9/1/2020 21:42:49

Please provide the taper length and ratio required for this turn lane

← Author: Kirstin Subject: Sticky Note Date: 9/29/2020 16:09:47

The requested information has been added to the updated TIA

Street Classifications

- Figure 12 shows the recommended internal street classifications based on the projected buildout traffic volumes for The Estates at Rolling Hills Ranch.

Pedestrian Access

- In general, crosswalk bars should be used at marked, designated pedestrian-crossing locations. If it is determined that a pedestrian crossing is needed at the intersections of Sunrise Ridge Road/Rex Road and/or Estate Ridge Drive /Rex Road, consideration should be given to constructing a raised center island refuge.

Anticipated Deviation Requests

- A deviation may be needed to construct Rex Road as a two-lane Minor Arterial versus a four-lane Minor Arterial and any design elements not meeting criteria for a Minor Arterial that are associated with the connection to the existing section of Rex Road just to the west (due to limited ROW).

Transportation Improvement Fee Program

- Rolling Hills Ranch at Meridian Ranch will not be required to participate in the Countywide Transportation Improvement Fee Program, as Meridian Ranch is located within **the Woodmen Road Metropolitan District**. Woodmen Road district fees would apply.

Please also include your Rex/Meridian traffic signal warrant conclusion/recommendations.

2

* * * * *


a deviation for cul-de-sac length and a deviation request for the intersection spacing of Estate Ridge Drive will be required. Please include these and any others in you anticipated deviation requests analysis.


1

(This area left blank intentionally)


 Number: 1 Author: Daniel Torres Subject: Callout Date: 9/1/2020 21:24:11

a deviation for cul-de-sac length and a deviation request for the intersection spacing of Estate Ridge Drive will be required. Please include these and any others in you anticipated deviation requests analysis.

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 15:18:58
The additional information has been added to the updated TIA as requested

 Number: 2 Author: Daniel Torres Subject: Text Box Date: 9/1/2020 21:45:56

Please also include your Rex/Meridian traffic signal warrant conclusion/recommendations.

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 15:19:40
The results of the trip signal warrant analysis have been added to the recommendations section as recommended.

There is no note #2 indicated below. Please revise.

1

| Table 6 The Estates at Rolling Hills Ranch Filing No. 2 Roadway Improvements | | | |
|---|---|--|---|
| Item # | Improvement | Timing | Responsibility |
| Roadway Segment Improvements | | | |
| 1 | Eastonville Road - Rex Road to Latigo final grading and paving | TBD by EPC; PPRTA "A-List" Project | PPRTA ⁽²⁾ |
| 2 | Eastonville Road - Roadway Design - Stapleton to Rex Road | As per EPC direction | Meridian Ranch |
| 3 | Eastonville Road - Roadway Upgrade - Stapleton to Rex Road | TBD by EPC; PPRTA "A-List" Project | PPRTA ⁽²⁾ |
| 4 | Construct Rex Road as an Urban 2-Lane Minor Arterial from Sunrise Ridge Drive to the proposed east site access. | With this subdivision | Meridian Ranch |
| 5 | Construct Rex Road as an Urban 2-Lane Minor Arterial from the proposed east site access to Eastonville Road | With future Meridian Ranch subdivisions | Meridian Ranch |
| 6 | Rex Road from Eastonville Road to US 24 | shown on 2040 MTCRP Roadway Plan | El Paso County |
| 7 | Meridian Road - Widen to provide two northbound and two southbound through lanes from just north of Indian Paint Trail to Murphy Road. | | |
| 8 | Construct Lambert Road as an Urban Residential Collector from current terminus to its planned terminus within the Rolling Hills Ranch at Meridian Ranch site | Rolling Hills Ranch at Meridian Ranch Filing No. 1 | Meridian Ranch |
| Rex/Meridian | | | |
| 9 | Rex/Meridian intersection traffic control (Traffic Signal) | As this Rolling Hills subdivision develops, evaluation will occur with each plat submittal. Each plat study would project if, based on short term baseline plus site-generated traffic projections, a signal would likely be warranted or would be close to meeting warrants. The study would estimate timing based on occupied dwelling units and subsequently recommend a monitoring program for traffic volumes, crash history and other factors such that a signal construction could commence once warrants are met based on actual data in the field. Following the acceptance of the final plat traffic report finding that a signal is likely to meet warrants in the short term, the applicant will begin the design plans for the traffic control signal and obtain County approval. Therefore, once warrants are met in the field the signal can be installed. The study should make a recommendation regarding the timing for placing order(s) for materials such as signal poles, which may have long lead times. | Applicant/El Paso County |
| | Potentially improve the vertical roadway profile on Meridian Road north of the intersection if the such an improvement in the vertical roadway profile would improve the sight distance and as a result, the safety of the intersection. | Currently under study by El Paso County | El Paso County |
| 10 | Potentially improve the west leg of this intersection to improve lane alignment, potentially reduce the skew, provide separate left and right-turn lanes, and potentially other improvements (potentially including restriping/reconfigure the east leg as needed). If determined as part of the study by EPC that safety and operations would be improved as a result. | Currently under study by El Paso County; | El Paso County |
| Rex/Eastonville | | | |
| 11 | Include a northbound left-turn lane on Eastonville Road at Rex Road into the design of the Eastonville Road PPRTA project. | TBD by EPC; PPRTA "A-List" Project | PPRTA |
| 12 | Include a southbound right turn lane on Eastonville Road at Rex Road into the design of the Eastonville Road PPRTA project. | TBD by EPC; PPRTA "A-List" Project | PPRTA |
| 13 | Construct 205' eastbound left-turn plus 160' taper on Rex Road approaching Eastonville Road | To be included in the design and construction (lane will be included in roadway cross section). | Meridian Ranch |
| 14 | Reserve ROW for 155' eastbound right-turn deceleration lane plus 160 foot taper on Rex Road approaching Eastonville Road | With development of projects adjacent to this section of Rex Road | ROW Preservation ONLY - with development projects |
| 15 | Convert from two-way, stop-sign control to alternate traffic control (traffic signal or modern one-lane roundabout) | Future (with the connection of Rex Road to Highway 24, future area development and increases in through traffic) | Likely El Paso County under the county fee program guidelines |
| Rex/Road D | | | |
| 16 | Construct a 205-foot eastbound left-turn lane plus 160-foot taper on Rex Road approaching the site access ("Road D") | The Estates at Rolling Hills Ranch Filing No. 2 | Meridian Ranch |
| Notes: (1) The design of Eastonville Road is a joint project between the Meridian Ranch developers. The project will be completed by El Paso County's PPRTA project. Source: LSC Transportation Consultants, Inc. (July 2020) | | | |

This is estates at rolling hills. Per your analysis the warrants are met. Provide recommendations for monitoring the intersection and recommendations for the timing for placing orders for materials. Revise this section accordingly.

2

should be the applicant only. revise

4

Estate Ridge Drive


5

A 365' lane (lane plus taper) was also indicated for the westbound left approaching the Rolling Hills Access. It does not appear that there is sufficient distance between the two intersections to accommodate both left turn lanes. Please address & provide an exhibit. If the turn lane does not meet criteria a deviation request will have to be submitted for review and a decision by the ECM administrator. Please be aware that submittal of a deviation request does not imply that it will be approved.

6


 Number: 1 Author: Daniel Torres Subject: Callout Date: 9/1/2020 13:14:23

There is no note #2 indicated below. Please revise.

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 16:20:42
Revised as requested

 Number: 2 Author: Daniel Torres Subject: Callout Date: 9/1/2020 13:51:46

This is estates at rolling hills. Per your analysis the warrants are met. Provide recommendations for monitoring the intersection and recommendations for the timing for placing orders for materials. Revise this section accordingly.


 Author: Kirstin Subject: Sticky Note Date: 10/8/2020 08:37:33
The table and report narrative have been updated to address this comment.

The applicant is working with Public Works Division and the County Engineer on necessary details regarding future plans for this intersection.

 Number: 3 Author: Daniel Torres Subject: Cloud Date: 9/1/2020 13:24:19


 Number: 4 Author: Daniel Torres Subject: Callout Date: 9/1/2020 21:48:22

should be the applicant only. revise

 Author: Kirstin Subject: Sticky Note Date: 10/7/2020 11:40:09
revised as requested


 Number: 5 Author: Daniel Torres Subject: Callout Date: 9/1/2020 13:50:38

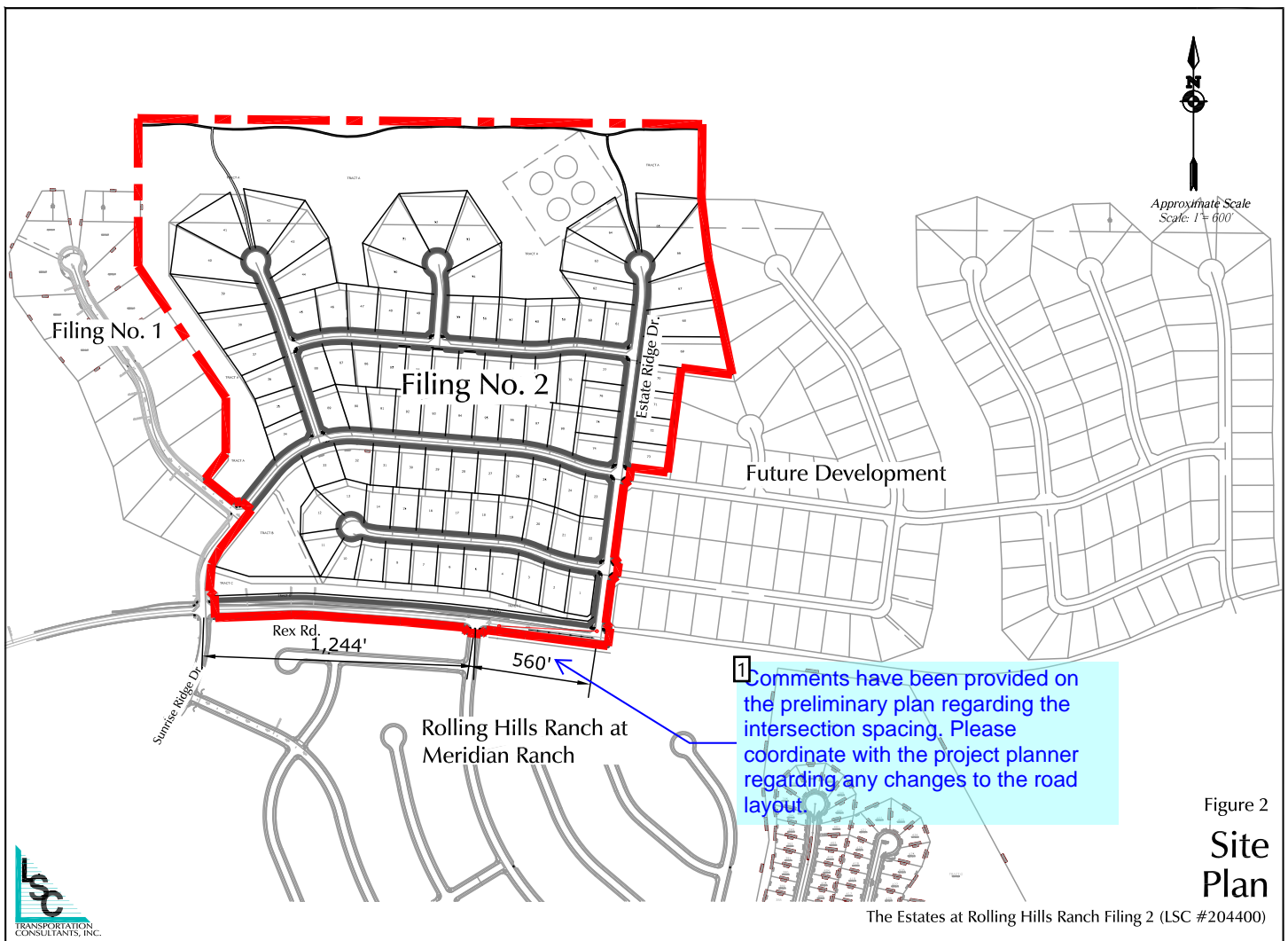
Estate Ridge Drive

 Author: Kirstin Subject: Sticky Note Date: 10/7/2020 11:40:23
revised as requested

 Number: 6 Author: Daniel Torres Subject: Callout Date: 9/2/2020 18:03:37


A 365' lane (lane plus taper) was also indicated for the westbound left approaching the Rolling Hills Access. It does not appear that there is sufficient distance between the two intersections to accommodate both left turn lanes. Please address & provide an exhibit. If the turn lane does not meet criteria a deviation request will have to be submitted for review and a decision by the ECM administrator. Please be aware that submittal of a deviation request does not imply that it will be approved.

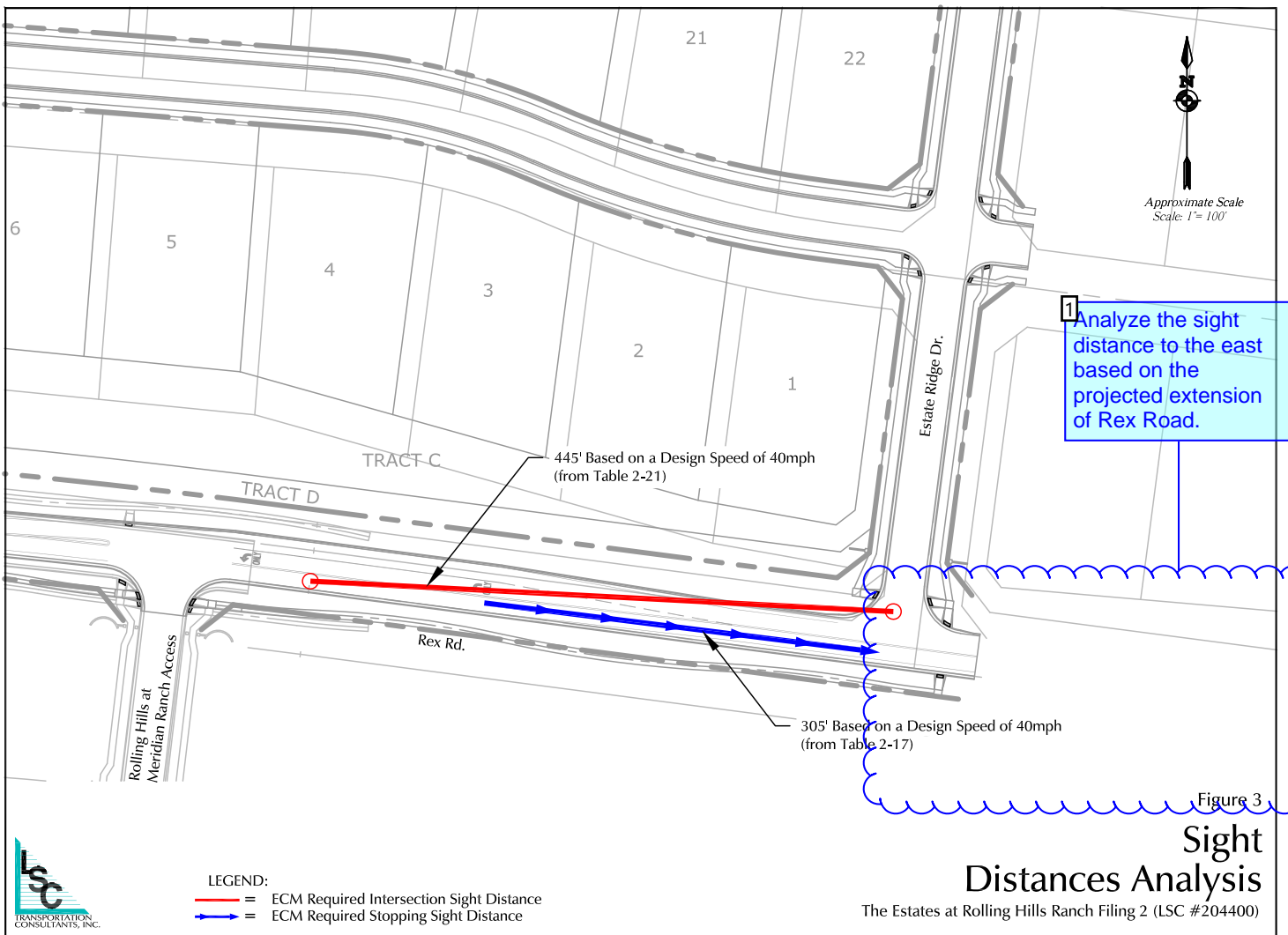
 Author: Kirstin Subject: Sticky Note Date: 10/7/2020 11:40:44
The left-turn lane recommendations on Rex Road between Rolling Ranch Drive and Estate Ridge Drive have been updated as requested



 Number: 1 Author: Daniel Torres Subject: Callout Date: 9/2/2020 18:05:07


Comments have been provided on the preliminary plan regarding the intersection spacing. Please coordinate with the project planner regarding any changes to the road layout.

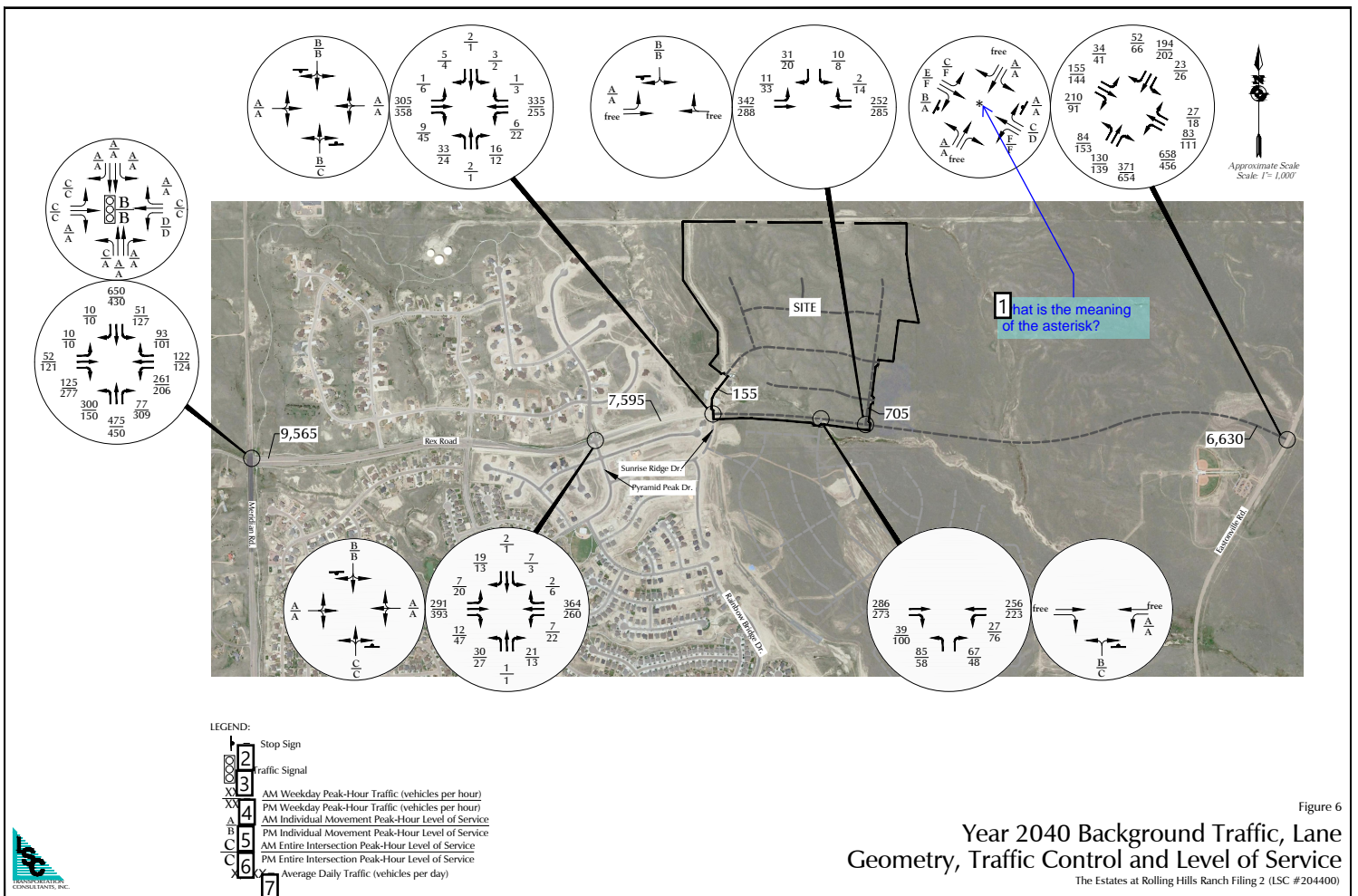
 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 15:21:17
It is our understanding that the intersection spacing has been approved



 Number: 1 Author: Daniel Torres Subject: Cloud+ Date: 9/1/2020 14:05:42


Analyze the sight distance to the east based on the projected extension of Rex Road.

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 15:21:55
The additional analysis has been included in the updated TIA as requested



 Number: 1 Author: Daniel Torres Subject: Callout Date: 9/1/2020 14:16:59

[what is the meaning of the asterisk?](#)

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 15:22:09
The asterisk has been removed in the updated TIA

☐ Number: 2 Author: AutoCAD SHX Text Date: Indeterminate
=

☐ Number: 3 Author: AutoCAD SHX Text Date: Indeterminate
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☐ Number: 4 Author: AutoCAD SHX Text Date: Indeterminate
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☐ Number: 5 Author: AutoCAD SHX Text Date: Indeterminate
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☐ Number: 6 Author: AutoCAD SHX Text Date: Indeterminate
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☐ Number: 7 Author: AutoCAD SHX Text Date: Indeterminate
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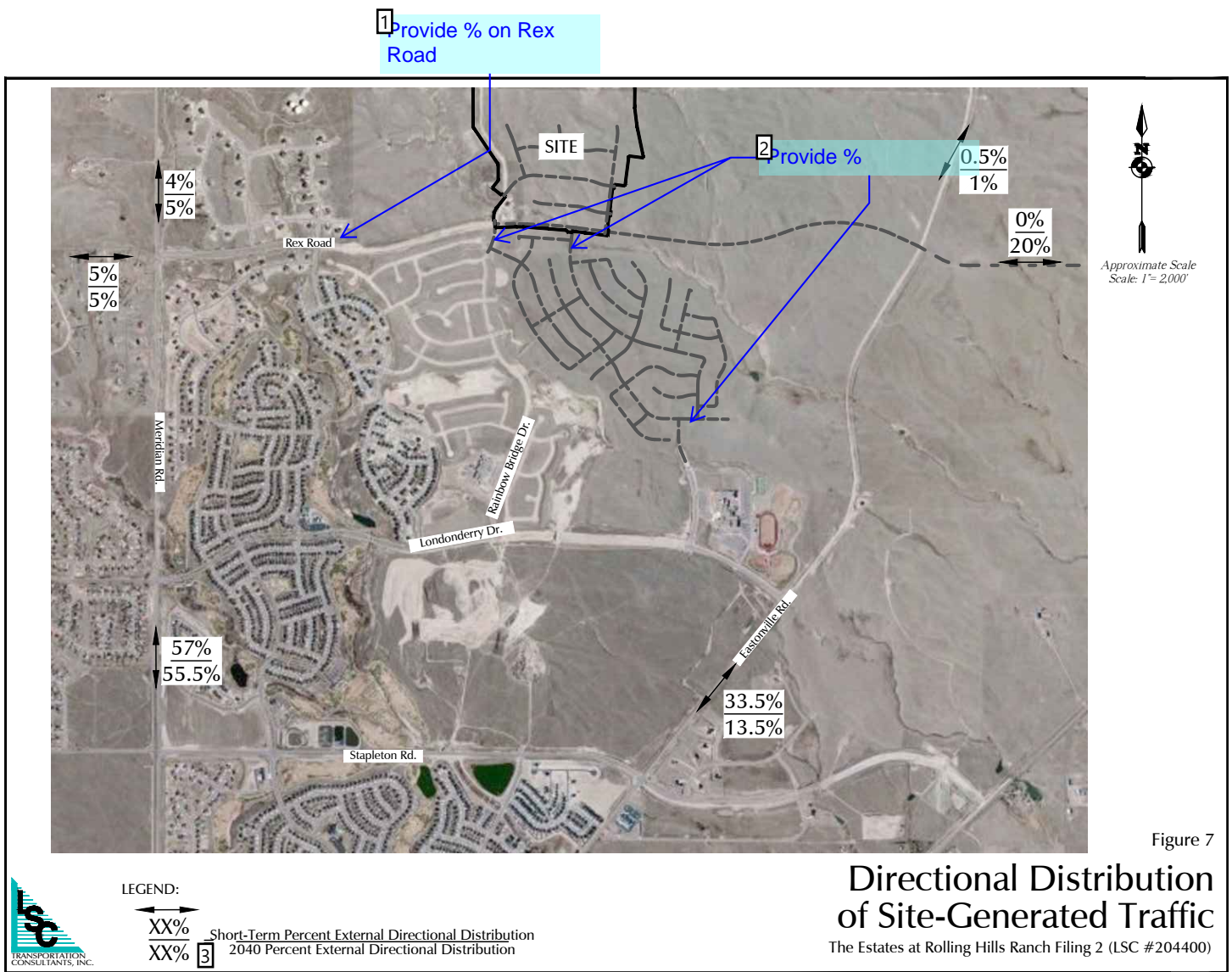




Figure 7


 Number: 1 Author: Daniel Torres Subject: Callout Date: 9/1/2020 15:41:15

[Provide % on Rex Road](#)

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 16:10:37
The requested information has been added to the updated TIA

 Number: 2 Author: Daniel Torres Subject: Callout Date: 9/1/2020 21:50:07

[Provide %](#)

 Author: Kirstin Subject: Sticky Note Date: 9/29/2020 16:10:40
The requested information has been added to the updated TIA


☐ Number: 3 Author: AutoCAD SHX Text Date: Indeterminate

=



 Number: 1 Author: Daniel Torres Subject: Callout Date: 9/2/2020 10:04:21

It appears that this meets the threshold for a left turn lane per ECM 2.3.7.D.1. Please provide the turn lane lengths required and update your narrative accordingly.

 Author: Kirstin Subject: Sticky Note Date: 10/8/2020 14:18:19
This comment has been addressed in the updated report.

☐ Number: 2 Author: AutoCAD SHX Text Date: Indeterminate
=

☐ Number: 3 Author: AutoCAD SHX Text Date: Indeterminate
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☐ Number: 4 Author: AutoCAD SHX Text Date: Indeterminate
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☐ Number: 5 Author: AutoCAD SHX Text Date: Indeterminate
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☐ Number: 6 Author: AutoCAD SHX Text Date: Indeterminate
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☐ Number: 7 Author: AutoCAD SHX Text Date: Indeterminate
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