# Development Services Department 2880 International Circle Colorado Springs, Colorado 80910 

Phone: 719.520.6300
Fax: 719.520.6695
Website www.elpasoco.com
DEVIATION REVIEW AND DECISION FORM

Procedure \# R-FM-051-07
Issue Date: 12/31/07
Revision Issued: 00/00/00
DSD FILE NO.:

|  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## General Property Information:

Address of Subject Property (Street Number/Name): N/A
Tax Schedule ID(s) \#: 5200000321,5200000324,5200000323
Legal Description of Property:
TR IN SEC 35-12-65 DESC AS FOLS: BEG AT NE COR OF SD SEC 35, TH S 00<12'22" W ALG E LN OF NE4 OF SD SEC 352643.90 FT TO E4 COR OF SD SEC 35 , S 00<12'33" W ALG E LN OF SE4 2643.60 FT TO SE COR OF SD SEC 35 , S $89<34 ' 54$ " W ALG S LN OF SE4 2638.11 FT TO S4 COR OF SD SEC 35 , S $89<344^{\prime} 54$ " W ALG S LN OF SW4 424.39 FT, N 00<25'55" W 545.21 FT, N 89<34'05" E 45.25 FT, N 00<00'17" W 311.11 FT, N 89<52'55" E 92.56 FT, N 00<00'03" W 325.47 FT, N 00<00'31" E 70.00 FT, S 89<59'29" E 274.88 FT, N 00<02'28" E 336.98 FT, S 89<59'51" E 7.74 FT, N 00<00'28" W 337.09 FT, N 89<59'33" W 49.08 FT, N 00<00'27" E 70.00 FT, N 07<08'13" E 394.81 FT, N $90<00^{\prime} 00 "$ W 235.18 FT, N $11<46^{\prime} 53^{\prime \prime}$ E 262.72 FT, TH ALG ARC OF CUR TO R HAVING A RAD OF 140.00 FT AN ARC DIST OF 96.60 FT A C/A OF 39<31'59" WHOSE LONG CHORD BEARS N $31<32$ '52" E 94.69 FT, N $51<19^{\prime} 55 "$ E 504.71 FT, N $43<44{ }^{\prime} 56$ " W 326.42 FT, S $51<19{ }^{\prime} 03$ " W 111.64 FT, N $38<41$ '08" W 70.00 FT, N $44<54$ '11" W 291.95 FT, TH ALG ARC OF CUR TO L HAVING A RAD OF 2817.31 FT AN ARC DIST OF 105.85 FT A C/A OF 02<09'10" WHOSE LONG CHORD BEARS N 46<49'47" E 105.84 FT, N 45<45'12" E 254.70 FT, N 44<09'40" W 120.02 FT, N 45<51'17" E 1422.13 FT, TH ALG ARC OF CUR TO R HAVING A RAD OF 2060.00 FT AN ARC DIST OF 1141.83 FT A C/A OF 31<45'30" WHOSE LONG CHORD BEARS N 61<43'05" E 1127.27 FT TO N LN OF NE4 OF SD SEC 25 , TH S 88<32'26" E ALG SD N LN OF NE4 776.76 FT TO POB, TOG WITH EASEMENTS BY REC \#204166504

ALL SEC 35-12-65, EX RDS CONV TO COUNTY BY BK 3615-387, TOG WITH NON-EXCLUSIVE EASEMENTS FOR RD PURPOSES, EX TRS CONV BY REC \#204166504, REC\# 204191191 \& REC\# 205048346

TR IN SEC 35-12-65 DESC AS FOLS: COM AT S4 COR SD SEC 35, TH S 89<34'54" W 424.39 FT FOR POB, TH CONT ON SD COURSE 678.16 FT, N 00<00'00" E 2971.40 FT, TH ALG ARC OF CUR TO THE L HAVING A RAD OF 3176.22 FT A C/A OF $17<00^{\prime} 39 "$ WHICH CHORD BEARS N 57<40'48" E 939.54 FT, S 44<54'11" E 291.95 FT, S 38<41'08" E 70.0 FT, N $51<19^{\prime} 03 "$ E 111.64 FT, S 43<44'56" E 326.42 FT, S $51<19 ' 55 "$ W 504.71 FT, TH ALG ARC OF CUR TO THE L HAVING A RAD OF 140.0 FT A C/A OF $39<31$ ' $59{ }^{\prime \prime}$ WHICH CHORD BEARS S $31<32$ ' 52 " W 94.69 FT, S $11<46^{\prime} 53 " \mathrm{~W} 262.72$ FT, S $90<00^{\prime} 00 " \mathrm{E} 235.18$ FT, S 07<08'13" W 394.81 FT, S 00<00'27" W 70.0 FT, S 89<59'33" E 49.08 FT, S 00>00'28" E 337.09 FT, N 89<59'51" W 7.74 FT, S 00>02'28" W 336.90 FT, N 89<59'29" W 274.88 FT, S 00<00'31" W 70.0 FT, S 00<00'03" E 325.47 FT, S 89<52'55" W 92.56 FT, S 00<00'17" E 311.11 FT, S 89<34'05" W 45.25 FT, S 00<25'55" E 545.21 FT TO POB

Subdivision or Project Name: The Ranch Sketch Plan

Section of ECM from Which Deviation is Sought: 2.2.5.B.1
Specific Criteria from Which a Deviation is Sought: Intersection spacing along a Principal Arterial

Proposed Nature and Extent of Deviation: Request for full-movement, future public street intersections along the planned future Briargate Parkway (a planned four-lane, Urban Principal Arterial) with the intersection spacing dimensions shown on the proposed Sketch Plan. The centerline spacings from east to west from the Stapleton/Towner intersection to the planned future intersection of Banning Lewis Parkway/Briargate shown on the Sketch Plan are 2,550 feet, 2,900 feet, 1,550 feet and 2,200 feet. Please refer to attached exhibit. The first intersection west of Towner is shown as a conventional four-leg, full-movement intersection and the proposed

El Paso County Procedures Manual
Procedure \# R-FM-051-07
Issue Date: 12/31/07
Revision Issued: 00/00/00
westernmost two intersections are shown as full-movement modern roundabout intersections on the Sketch Plan. The specific configuration of the Banning Lewis Ranch/Briargate intersection is not known. However, this future regional intersection will likely be evaluated as part of the Stapleton/Briargate corridor study- which is listed as a PPRTA "A-list" project.

## Applicant Information:

Applicant: PRI \#4 LLC
Applicant is: $\qquad$ Owner $\qquad$ Consultant $\qquad$ Email Address: lorenm@classichomes.com

Mailing Address: 6385 CORPORATE DR STE 200, COLO. SPRINGS

$$
\text { State: CO Postal Code: } 80919
$$

Telephone Number: 719-785-3270
Fax Number:

## Engineer Information:

Engineer: Jeffrey C. Hodsdon, P.E., PTOE Email Address: jeff@LSCtrans.com
Company Name: LSC Transportation Consultants, Inc.
Mailing Address: 545 E. Pikes Peak Ave., Suite 210 Colo. Springs State: CO Postal Code: 80903
Registration Number: 31684
Telephone Number: (719) 633-2868
State of Registration: Colorado
Fax Number: (719) 633-5430

## Explanation of Request (Attached diagrams, figures and other documentation to clarify request):

Section of ECM from Which Deviation is Sought: 2.2.5.B.1
Specific Criteria from Which a Deviation is Sought: Intersection spacing along a Principal Arterial

## Stapleton/

Proposed Nature and Extent of Deviation: Request for full-movement, future public street intersections along the planned future Briargate Parkway (a planned four-lane, Urban Principal Arterial) with the intersection spacing dimensions shown on the proposed Sketch Plan. The centerline spacings from east to west from the Stapleton/Towner intersection to the planned future intersection of Banning Lewis Parkway/Briargate shown on the Sketch Plan are 2,550 feet, 2,900 feet, 1,550 feet and 2,200 feet. The first intersection west of Towner is shown as a conventional four-leg, full-movement intersection and the proposed westernmost two intersections are shown as fullmovement modern roundabout intersections on the Sketch Plan. The specific configuration of the Banning Lewis Ranch/Briargate intersection is not known. However, this future regional intersection will likely be evaluated as part of the Stapleton/Briargate corridor study- which is listed as a PPRTA "A-list" project.

Reason for the Requested Deviation: The deviation is needed because the first, third and fourth segment spacing dimensions listed above to not meet the ECM-prescribed one-half mile intersection spacing criteria.

Comparison of Proposed Deviation to ECM Standard: The first, third and fourth segment spacing dimensions shown on the sketch plan and listed above would be approximately 90, 1,090, and 440 feet short of the ECM-prescribed half-mile intersection spacing.

Applicable Regional or National Standards used as Basis:

## Application Consideration:

## CHECK IF APPLICATION MEETS CRITERIA FOR <br> CONSIDERATION

$\square$ The ECM standard is inapplicable to a particular situation.
$\square$ Topography, right-of-way, or other geographical conditions or impediments impose an undue hardship on the applicant, and an equivalent alternative that can accomplish the same design objective is available and does not compromise public safety or
El Paso County Procedures Manual
Procedure \# R-FM-051-07
Issue Date: 12/31/07
Revision Issued: 00/00/00
DSD File No.

## JUSTIFICATION

$\qquad$

Except for the Stapleton and Woodmen Hills roadway connections on the west side of the property, the sketch plan site has limited provisions for access and trip distribution. There is no provision for access to the south and limited connectivity to the north. There is no current
accessibility.

A change to a standard is required to address a specific design or construction problem, and if not modified, the standard will impose an undue hardship on the applicant with little or no material benefit to the public.
provision for access to the west. The planned Briargate Parkway extension to the west is shown on the MTCP, but no ROW currently exists. Also, there are two drainageways which run through the site. The proposed intersections have been positioned between these drainageways.

## If at least one of the criteria listed above is not met, this application for deviation cannot be considered.

## Criteria for Approval:

## PLEASE EXPLAIN HOW EACH OF THE FOLLOWING CRITERIA HAVE BEEN SATISFIED BY THIS REQUEST

The request for a deviation is not based exclusively on financial considerations.

The deviation will achieve the intended result with a comparable or superior design and quality of improvement

The deviation will not adversely affect safety or operations.

The deviation will not adversely affect maintenance and its associated cost.

The request is based on the need to provide adequate access and circulation for the proposed development given the topographic, land-ownership and available right-of-way constraints described in the previous section.

The intersection spacing of the first intersection west of Towner would only be 90 feet short of the half-mile standard. This would not be a significant departure from the standard - even from the perspective of signal spacing. The spacing between the two proposed roundabouts and the proposed west roundabout and the future Banning Lewis Ranch/Briargate intersection would not be problematic. Signal progression would not be relevant through these planned roundabout intersections, and the spacing would be more than sufficient for tapers, transitions, and any auxiliary turn lanes on the westbound approach to Banning Lewis Parkway. The proposed roundabout spacing would exceed the spacing of the Research Parkway roundabouts in Wolf Ranch (City of Colorado Springs). The provision for two roundabouts instead of one would allow roundabouts to be utilized as traffic control devices - with one roundabout intersection, the roundabout capacity would likely be exceeded.

The deviation would not adversely affect operations or safety as the signal spacing on the east side of the project is within 90 feet of meeting the one-half mile standard. The roundabout spacing is less than one-half mile, however, signal progression would not be relevant through these planned roundabout intersections and the spacing would be more than sufficient for tapers, transitions, and any auxiliary turn lanes on the westbound approach to Banning Lewis Parkway; The provision for two roundabouts instead of one would allow roundabouts to be utilized as traffic control devices - with one roundabout intersection, the roundabout capacity would likely be exceeded. In general, roundabout intersections have safety benefits when compared to signalized intersections; The shorter-than half mile spacing may potentially be better than half-mile spacing as the segment lengths between them may reduce speeds and the amount of acceleration and deceleration behavior between the roundabouts when compared to longer distance between them.

The deviation with the associated roundabouts would allow for lower ongoing maintenance cost without the need to power and maintain a traffic signal. The maintenance cost of two roundabouts would be greater than one roundabout, however one roundabout would most likely not meet ECM or HCM standards for capacity.

The deviation will not adversely affect aesthetic appearance.

El Paso County Procedures Manual
Procedure \# R-FM-051-07
Issue Date: 12/31/07
Revision Issued: 00/00/00
DSD File No.
This is not applicable to the deviation

Owner, Applicant and Engineer Declaration:
To the best of my knowledge, the information on this application and all additional or supplemental documentation is true, factual and complete. I am fully aware that any misrepresentation of any information on this application may be grounds for denial. I have familiarized myself with the rules, regulations and procedures with respect to preparing and filing this application. I also understand that an incorrect submittal will be cause to have the project removed from the agenda of the Planning Commission, Board of County Commissioners and/or Board of Adjustment or delay review, and that any approval of this application is based on the representations made in the application and may be revoked on any brgacjr 0 r representatigfor contoftion(s) of approval.

DEC 212018
Date

| Signature of applicant (if different from owner) | Date |
| :---: | :---: |
| Signature of Engineer | Date |
| Engineer's Seal |  |
|  |  |
| Review and Recommendation: APPROVED by the ECM Administrator |  |

This request has been determined to have met the criteria for approval. A deviation from Section of ECM is hereby granted based on the justification provided. Comments:
$\qquad$
This request has been determined not to have met criteria for approval. A deviation from Section of ECM is hereby denied. Comments:
$\qquad$
$\qquad$ Additional comments or information are attached.
El Paso County Procedures Manual
Procedure \# R-FM-051-07
Issue Date: 12/31/07
Revision Issued: 00/00/00
DSD File No. $\qquad$


## Markup Summary

dsdrice (2)

| e need to power and maintain a traffic signal. The indabouts would be greater than one uld most likely not meet ECM or HCM standards for <br> expand on why. |
| :---: |

Subject: Callout
Page Label: 3
expand on why.
Author: dsdrice
Date: 1/24/2019 1:10:37 PM
Color:

| ing Address: 545 E. Pikes Peak Ave., Suble 210 Cold. Springs ephane Number: (719) $633-2658$ |  |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Subject: Callout
Page Label: 2
Stapleton/
Author: dsdrice
Date: 1/24/2019 1:12:54 PM
Color:

