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## DEVIATION REQUEST AND DECISION FORM

Updated: 6/26/2019

### PROJECT INFORMATION

Project Name :	Peaceful Ridge
Schedule No.(s) :	5515403090
Legal Description :	<b>PEACEFUL RIDGE AT FOUNTAIN VALLEY SUB</b>

### APPLICANT INFORMATION

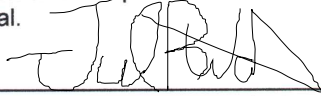
Company :	Widefield Investment Group
Name :	J. Ryan Watson
	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Consultant <input type="checkbox"/> Contractor
Mailing Address :	3 Widefield Blvd. Colorado Springs, CO 80911
Phone Number :	719-392-0194
FAX Number :	
Email Address :	ryan@widefieldinvestmentgroup.com

### ENGINEER INFORMATION

Company :	LSC Transportation Consultants, Inc	Colorado P.E. Number :	31684
Name :	Jeffrey C. Hodsdon		
Mailing Address :	2504 E. Pikes Peak Ave, Suite 304 Colorado Springs, CO 80909		
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FAX Number :	719-633-5430		
Email Address :	jeff@LSCtrans.com		

**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 until corrections are made, and that any approval of this application is based on the representations made in the application and may be revoked on any breach of representation or condition(s) of approval.



May 12th, 2023

Signature of owner (or authorized representative)

Date

Engineer's Seal, Signature  
And Date of Signature



**DEVIATION REQUEST** (Attach diagrams, figures, and other documentation to clarify request)

A deviation from the standards of or in Section **2.3.7.E.1** of the Engineering Criteria Manual (ECM) is requested. The requested deviation is to allow the existing westbound-right-turn deceleration lane at the intersection of Fontaine Boulevard and Sleepy Meadows Drive to remain as it currently exists and defer lengthening of the existing turn lane to ECM standards until a future Fontaine Boulevard widening project occurs. The current full-width westbound-right-turn lane length is 215' and the current taper is 85'. **Please refer to the attached deviation exhibit.**

Please refer to the TIS for details regarding turning movement volumes.

Identify the specific ECM standard which a deviation is requested:

ECM Section 2.3.7.E.1  
The design elements for a right-turn lane – taper, full-width lane length, and storage length – which, in combination, make up the right-turn lane.

State the reason for the requested deviation:

The deviation is requested due to the Fountain Mutual Irrigation Ditch located just to the east of the start of the taper for this turn lane on the north side of Fontaine Boulevard.

Explain the proposed alternative and compare to the ECM standards (May provide applicable regional or national standards used as basis):

The ECM requires turn lanes to include deceleration distance plus stacking distance plus taper length. Based on a design speed of 40 mph and the turning volumes, the ECM criteria for turn lanes requires a full-width right-turn lane length of 155' plus a 160'-foot taper plus storage.

Note: storage length does not apply, as Fontaine Boulevard is the "major street" and the stop sign is on the southbound approach. The sum of full-width lane plus taper is 315 feet. The existing full-width lane (215 feet) exceeds the standard for full-width lane length (155 feet). The existing lane taper (85 feet) is short of the 160-foot standard. The sum of the two is 15 feet short of the 315' standard.

## LIMITS OF CONSIDERATION

(At least one of the conditions listed below must be met for this deviation request to be considered.)

- The ECM standard is inapplicable to the particular situation.
- Topography, right-of-way, or other geographical conditions or impediments impose an undue hardship and an equivalent alternative that can accomplish the same design objective is available and does not compromise public safety or 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.

Provide justification:

The Fountain Mutual Irrigation Ditch is located just to the east of the start of the taper for this turn lane on the north side of Fontaine Boulevard.

## CRITERIA FOR APPROVAL

Per ECM section 5.8.7 the request for a deviation may be considered if the request is **not based exclusively on financial considerations**. The deviation must not be detrimental to public safety or surrounding property. The applicant must include supporting information demonstrating compliance with **all of the following criteria**:

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

The full-width lane length exceeds the ECM standard. The taper is short of the standard. However, the taper length of 85 feet is comparable with other taper lengths in suburban areas. Lengthening the taper would result in a shorter distance between the end of the short acceleration lane to the east and the start of this lane, which is not advisable. The Fountain Mutual Ditch prevents the creation of a continuous acceleration/deceleration lane to the west.

The deviation will not adversely affect safety or operations.

- This full-width lane is longer than the standard and the overall lane length (lane plus taper) is 95 percent of the ECM standard length.
- The existing lane taper is a reasonable length at 85 feet, despite being less than the 160-foot standard length.
- The start of the taper begins just west of, or downstream of the Weeping Willow Drive/Fontaine Boulevard intersection. This has some advantage over the lane extending into/across that intersection.

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

As the proposed lanes are shorter than those required by the ECM, the associated maintenance costs would be lower.

The deviation will not adversely affect aesthetic appearance.

The deviation proposes deferring an improvement, so no change to current aesthetics.

The deviation meets the design intent and purpose of the ECM standards.

The intent of the ECM standard is to provide the necessary turn-lane elements to separate slowing, turning traffic from the through vehicles following in the same direction. The current full-width lane is longer than the standard and the overall lane length is 95 percent of the ECM standard length. The existing lane taper is a reasonable length at 85 feet, despite being less than the 160-foot standard length. The constraint to lengthening is the Fountain Mutual Irrigation Ditch located just to the east of the start of the taper for this turn lane on the north side of Fontaine Boulevard.

The deviation meets the control measure requirements of Part I.E.3 and Part I.E.4 of the County's MS4 permit, as applicable.

Water quality will be provided.

**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 the ECM is hereby granted based on the justification provided.

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**Denied by the ECM Administrator**

This request has been determined not to have met criteria for approval. A deviation from Section \_\_\_\_\_ of the ECM is hereby denied.

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**ECM ADMINISTRATOR COMMENTS/CONDITIONS:**

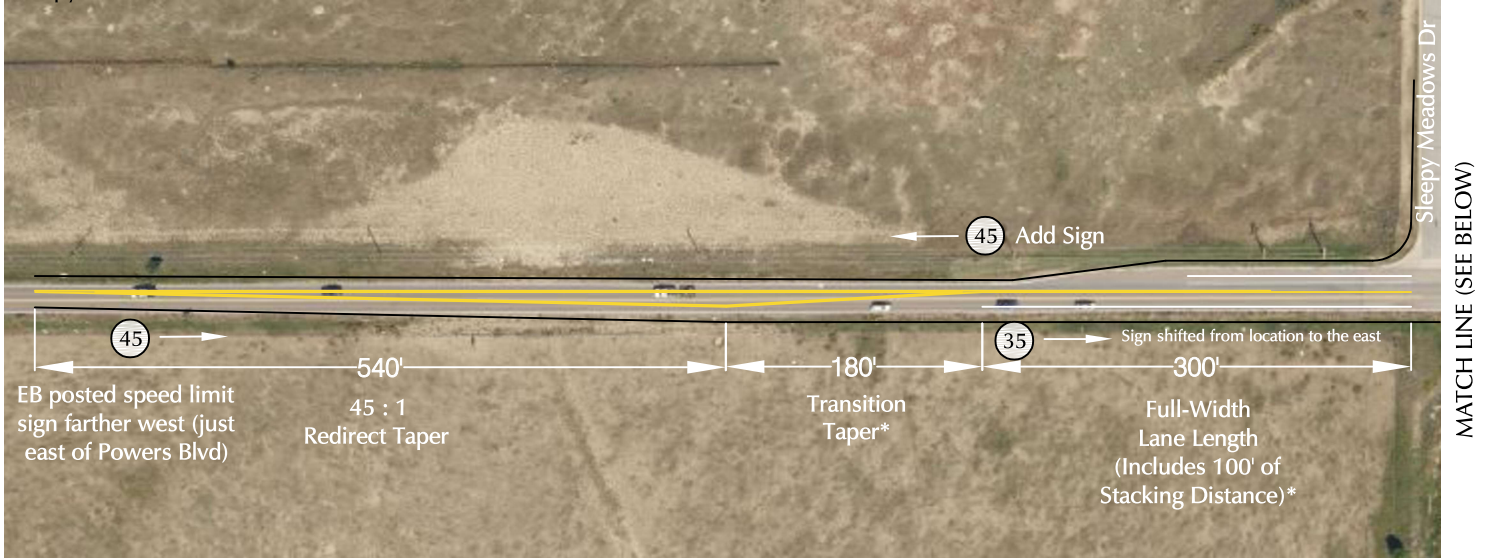


# Deviation Exhibit



1" = 150'  
scale

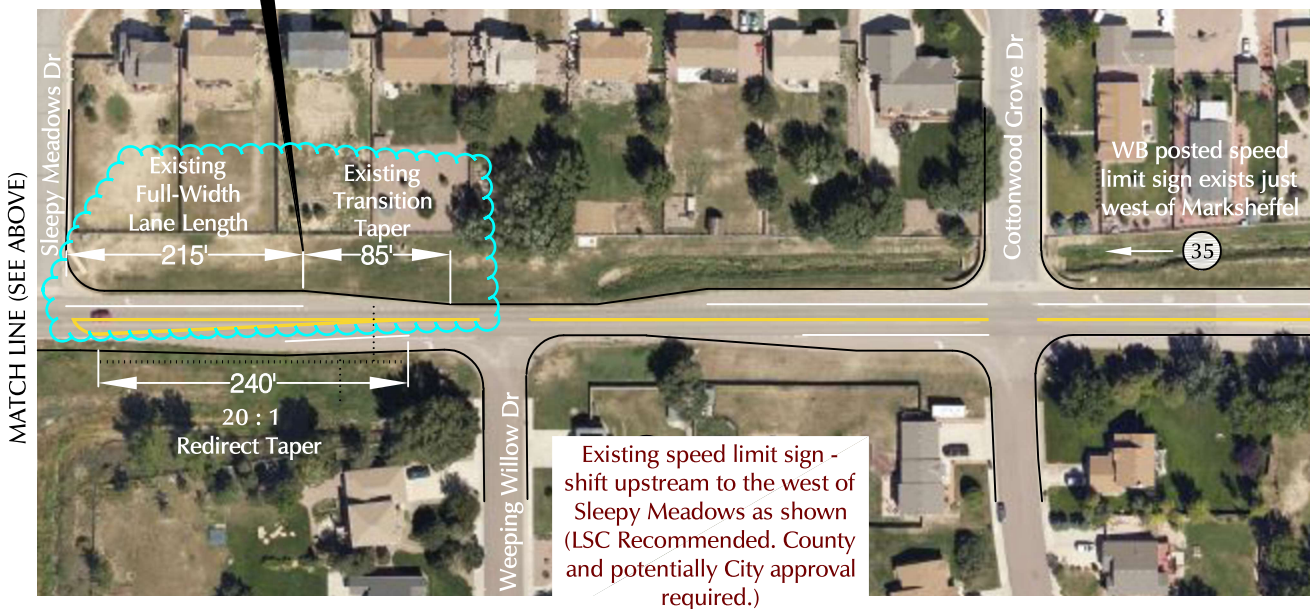
Note: this concept shows the westbound through lane alignment unchanged, but shifts the eastbound thru lane south to accommodate the proposed eastbound left turn lane at Sleepy Meadows. This is due to existing overhead utility poles along the north side of Fontaine west of Sleepy Meadows.



\* Adjust for grade, if needed

(XX) Posted speed limit sign location (mph)

## Deviation Request Subject Turn Lane



Deviation Exhibit

Westbound Right Turn Lane  
(Shown With Recommended Laneage Improvements)  
From Figure 10 of the TIS report Fontaine Boulevard/Sleepy Meadows Drive



Peaceful Ridge (LSC# S214530)