



# Illinois Department of Transportation

Informal Transmittal

To:	Chris Holt
Bureau:	Bureau of Local Roads and Streets
Attn:	Marilyn Solomon

From:	Sam Mead
Bureau:	Programming/Environmental Unit
By:	William Barbel
Subject:	COSIM Analysis - Huntley Road at Tartans Drive
Sec:	03-00316-00-EG

Date:	November 12 <sup>th</sup> , 2008
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**Please check appropriate box below:**

- |   |  |                                 |
|---|--|---------------------------------|
| <input checked="" type="checkbox"/> Take Necessary Action | <input checked="" type="checkbox"/> For Your Information       | <input type="checkbox"/> Reply  |
| <input type="checkbox"/> For Your Comments                | <input type="checkbox"/> See Me About the Attached             | <input type="checkbox"/> Return |
| <input checked="" type="checkbox"/> Per Your Request      | <input type="checkbox"/> Draft (Letter)(Memo) For My signature | <input type="checkbox"/> Route  |
| <input type="checkbox"/> For Your Approval                |  | <input type="checkbox"/> File   |

### Message

A COSIM PRE-SCREEN air quality analysis was completed for the above captioned project or intersection improvement with the information provided as of this dated transmittal. Intersection PASSES Pre-Screen. COSIM analysis is not required. The highest approach volume for the design year on any leg of the intersection is below the Pre-Screen Cutoff ADT or vph for the closest receptor distance.

Please include the following statement in the project report and/or NEPA document.

A Pre-Screen carbon monoxide (CO) analysis was completed for the proposed project. The results from this proposed roadway improvement indicate that a COSIM air quality analysis is not required, as the results for the worst-case receptor are below the 8-hour average National Ambient Air Quality Standard for CO of 9.0 ppm that is necessary to protect the public health and welfare.

The above approval for air quality is good through 12/31/08. If you do not receive Design Approval for this project during the 2008 calendar year, the PRE-SCREEN documentation analysis will need to be updated for 2009 per IDOT's agreement with Illinois EPA.

If you have any questions, please call x4716 or x4101.

**RECEIVED**

NOV 12 2008

**BUREAU OF LOCAL ROADS & STREETS**

Signature

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Response

Signature

# COSIM 3.0 PRE-SCREEN MODELING RESULTS

11-12-08

11:29 AM

Huntley Road, Randall Road to IL-31



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Performed by:	Wm Barbel
Intersection Location:	Kane County
Intersection Name:	Huntley Road at artans Drive
Highest Approach Volume:	11250 ADT
Closest Receptor:	53 feet

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## Pass

Intersection PASSES Pre-Screen. COSIM analysis not required.  
Highest approach volume for the design year on any leg of the intersection  
is below Pre-Screen Cutoff ADT for the closest receptor distance.

Please include the following statement in the project report or NEPA document:

**A Pre-Screen carbon monoxide analysis was completed for the proposed project. The results from this proposed roadway improvement indicate that a COSIM air quality analysis is not required, as the results for the worst-case receptor are below the 8-hour average National Ambient Air Quality Standard for CO of 9.0 ppm which is necessary to protect the public health and welfare.**