

## **Appendix K**

### **Air Quality Analysis**

RECEIVED  
SEP 18 2012  
URS Corp.

September 14, 2012

ILLINOIS JOBS NOW  
City of Decatur  
Brush College Road  
Section 09-00933-00-BR  
P-97-072-10

Mathew Newell  
Decatur City Engineer  
#1 Gary K. Anderson Plaza  
Decatur, IL. 62523

Dear Mr. Mathew Newell:

Please find attached a copy of the results of the COSIM air quality analysis from information supplied by URS.

Very truly yours,

Roger L. Driskell, P.E.  
Deputy Director of Highways  
Region Four Engineer



Maureen E. Kastl, P.E.  
District Engineer of Local  
Roads and Streets

NKM

Attachment

cc: Jim Klein  
URS Corporation ✓

# COSIM 3.0 PRE-SCREEN MODELING RESULTS

09-06-12

03:06 PM

Brush College Road



---

Performed by: Eugene Beccue IDOT  
Intersection Location: Macon County  
Intersection Name: Brush College Road from Fairies Parkway to Grand Ave  
Highest Approach Volume: 18950 ADT  
Closest Receptor: 30 feet

---

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.**

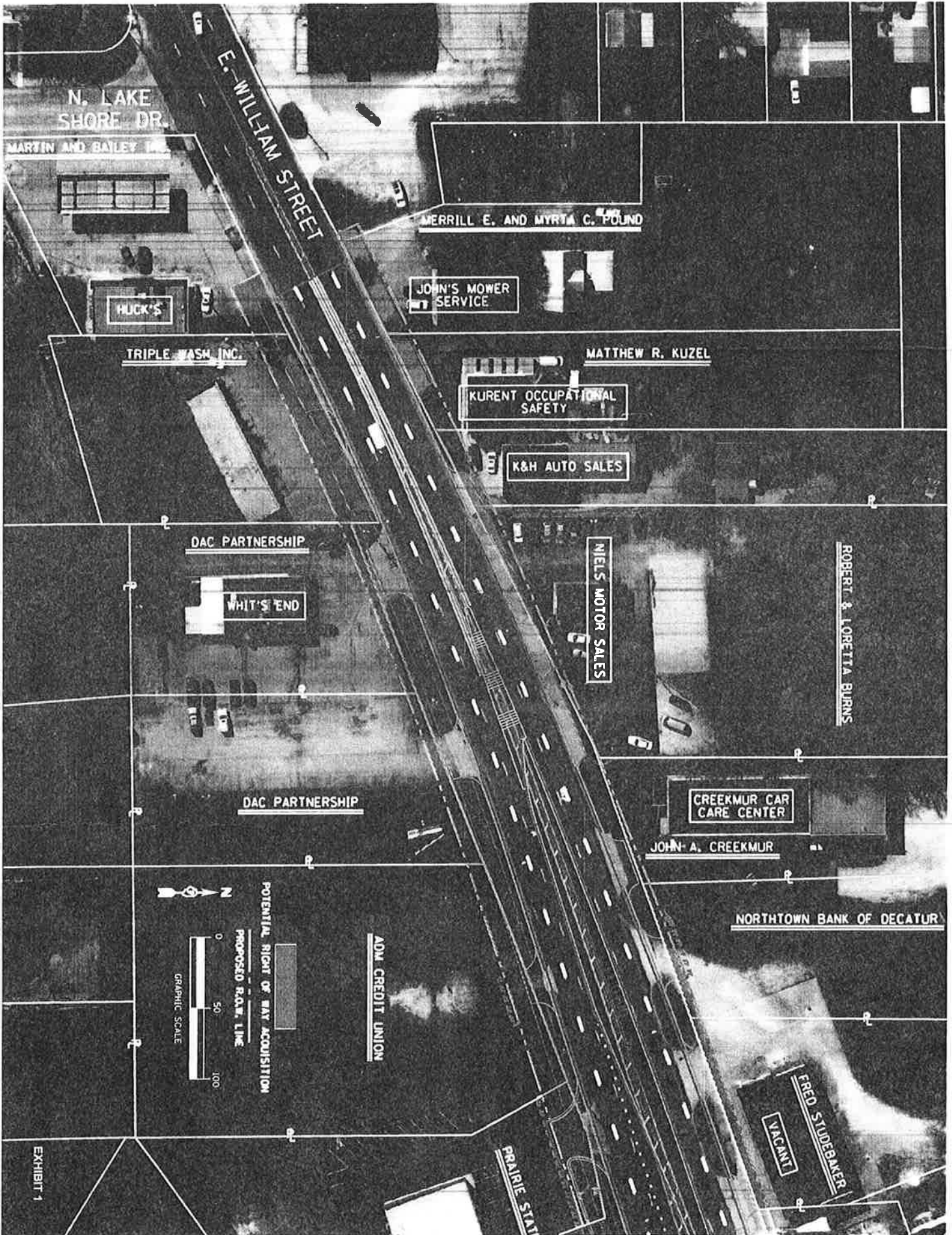
The businesses are (see attached):

K&H Auto Sales – 28' (corner of building)

Kurent Occupational Therapy – 25' (corner of building)

Vacant Convenience Store / Gas Station Pump Canopy Structure – 15' (Fred Studebaker property)

All other structures on Brush College Road, William Street and Fairies Parkway are well outside of 30' range.



N. LAKE SHORE DR.

MARTIN AND BAILEY INC.

HUCK'S

TRIPLE WASH. INC.

DAC PARTNERSHIP

WHIT'S END

DAC PARTNERSHIP

ADM CREDIT UNION

PRAIRIE STATE



POTENTIAL RIGHT OF WAY ACQUISITION  
PROPOSED R.O.W. LINE

EXHIBIT 1

E. WILLIAM STREET

MERRILL E. AND MYRTA C. FOLINO

JOHN'S MOWER SERVICE

MATTHEW R. KUZEL

KURENT OCCUPATIONAL SAFETY

K&H AUTO SALES

NIELS MOTOR SALES

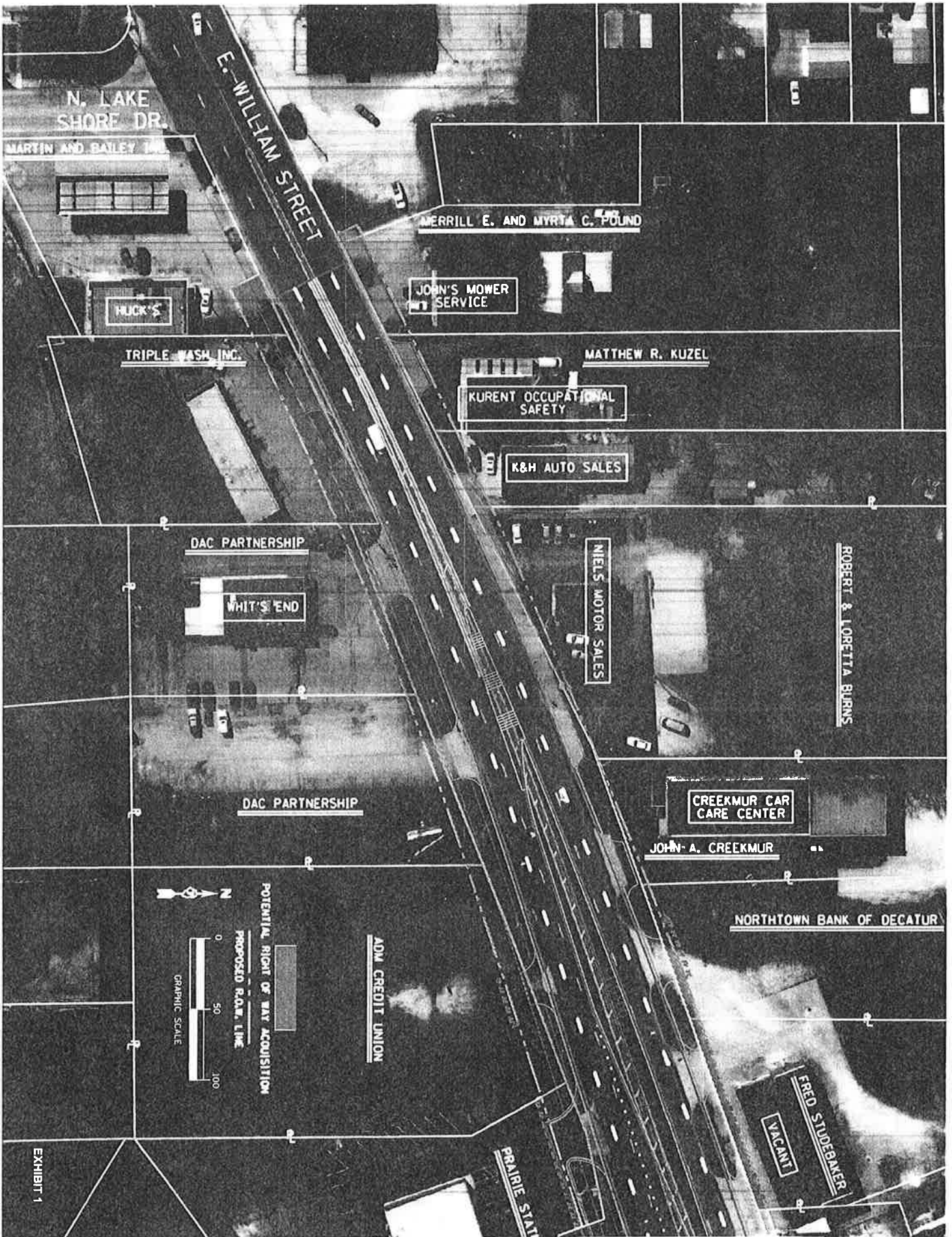
ROBERT & LORETTA BURNS

CREEKMUR CAR CARE CENTER

JOHN A. CREEKMUR

NORTHTOWN BANK OF DECATUR

FRED STUDEBAKER  
VACANT



N. LAKE SHORE DR.

MARTIN AND BAILEY DR.

E. WILLIAM STREET

MERRILL E. AND MYRTA C. POUND

JOHN'S MOWER SERVICE

HUCK'S

TRIPLE WASH. INC.

MATTHEW R. KUZEL

KURENT OCCUPATIONAL SAFETY

R&H AUTO SALES

DAC PARTNERSHIP

WHIT'S END

NIELS MOTOR SALES

ROBERT & LORETTA BURNS

DAC PARTNERSHIP

CREEKMUR CAR CARE CENTER

JOHN A. CREEKMUR

NORTH TOWN BANK OF DECATUR

ADM CREDIT UNION

FRED STUDEBAKER  
VACANT

PRAIRIE S. ST.



POTENTIAL RIGHT OF WAY ACQUISITION  
PROPOSED R.O.W. LINE