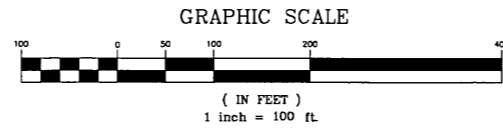


**SURVEYOR'S REPORT**

**20/63**



The purpose of this survey is to obtain data necessary to complete the replacement of the Indiana Department of Transportation bridge carrying U.S. 12 over CSX Railroad. This is not a property retracement survey. The project is located in Fractional Section 6 and Section 5, Township 36 North, Range 7 West, Calumet Township, Lake County, Indiana.

Indiana West Zone, NAD83, State Plane Coordinates were derived using GPS survey techniques based on an OPUS solution (provided by the National Geodetic Survey) for a point near the project. A translation was completed to establish a local coordinate system based on International feet. The following calculations are required to derive State Plane Coordinates from the project coordinates: add 2,260,000 to the north coordinate; add 2,850,000 to the east coordinate, and then multiply each resulting sum by the combined scale factor of 0.9999442330. Project bearings are based on the GPS survey data.

The rights of way were established using deeds, subdivision plats, Right-of-Way and Track Map V-134.1 4 for the Baltimore and Ohio Railroad Company (Supplied by CSX Real Property, Inc.), R.R. Right of Way Sheet 109 of the Chicago South Shore and South Bend Railroad, Indiana State Highway Commission (ISHC) Road Plans for Project #31, Sec. D dated June 24, 1929 and ISHC Plans for Project ST. 31L dated February 3, 1972 (Supplied by INDOT Record Division).

Roadway alignments were reconstructed using said ISHC plans and found property and right of way monuments, along with existing field conditions. Line "A" was reconstructed with the stationing at the intersection of Line "A" and the center of the CSX Eastbound track being P.O.T. Sta. 96+81.40 per said ISHC Plans for Project ST 31L.

Property lines were established using deed records, plats, found property monuments, section corner monuments as well as existing field conditions. Deeds and plats were obtained from the Lake County Recorders' Office. The rights of way and property lines shown on this plat are preliminary and may be refined with further analysis.

An extensive search was made to locate Section Corners adjacent to the project. Should Public Land survey corners be needed where none were found, they should be reestablished and tied to this survey.

Item numbers refer to the number on the Location Control Route Survey Plat.

The following points are alignment control points and have been set in the field by Butler, Fairman and Seufert, Inc.: 1-3, 6, 9, 11-16, 18-21, 24 & 25. The uncertainty of location of these monuments to Line "A" and Line "S-2-A" is limited to errors in measurement associated with the equipment in use.

The following points are alignment control points and have not been set in the field: 4, 5, 7, 8, 10, 17, 22 & 23.

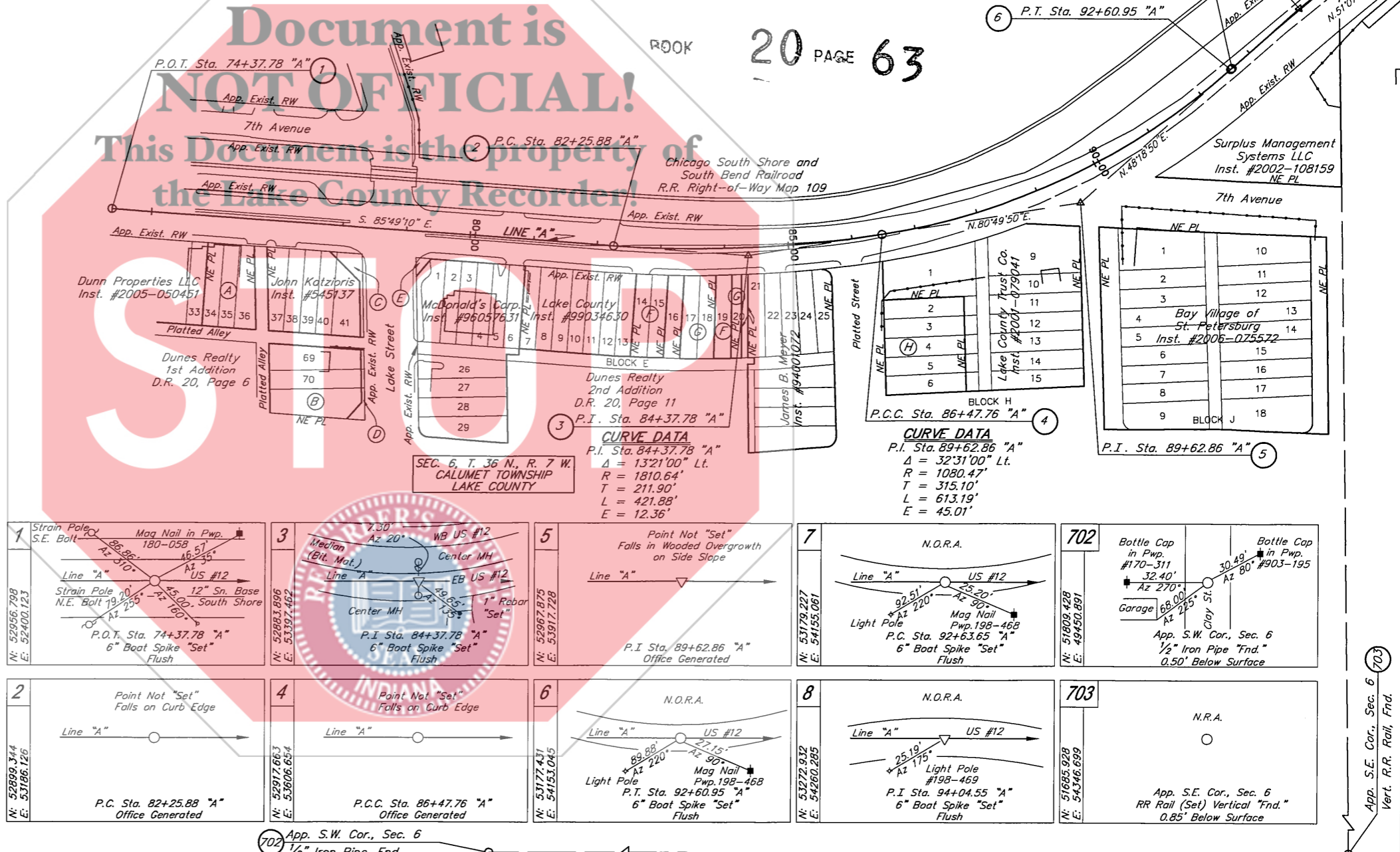
The following Public Land Survey Corner point was located using references supplied by the LaPorte County Surveyor's Office: 703. The uncertainty of location with respect to the original PLSS stakes is not known but may be as much as 3 feet.

The following points were located in the anticipated location of a Public Land Survey Corner point: 700-702. The uncertainty of location of this monument with respect to the original PLSS stake is not known but may be as much as 5 feet.

A visual and electronic magnetic locator inspection was made in the anticipated location of the remaining Public Land Survey Corners. No evidence was found beyond those points referenced.

Affirmation statement: I affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security Number in this document, unless required by law. **Mark W. Neal**

Parcel	Owner	Deed Record
A	Dunn Properties LLC	2005-050453
B	Emro Marketing Company	96064410
C	State of Indiana	99079605
D	State of Indiana	96064410
E	State of Indiana	96057631
F	James B. Meyer	2002-108152
G	Faye Kimbrough	
H	Humane Society of Northwest Indiana	2005-068945

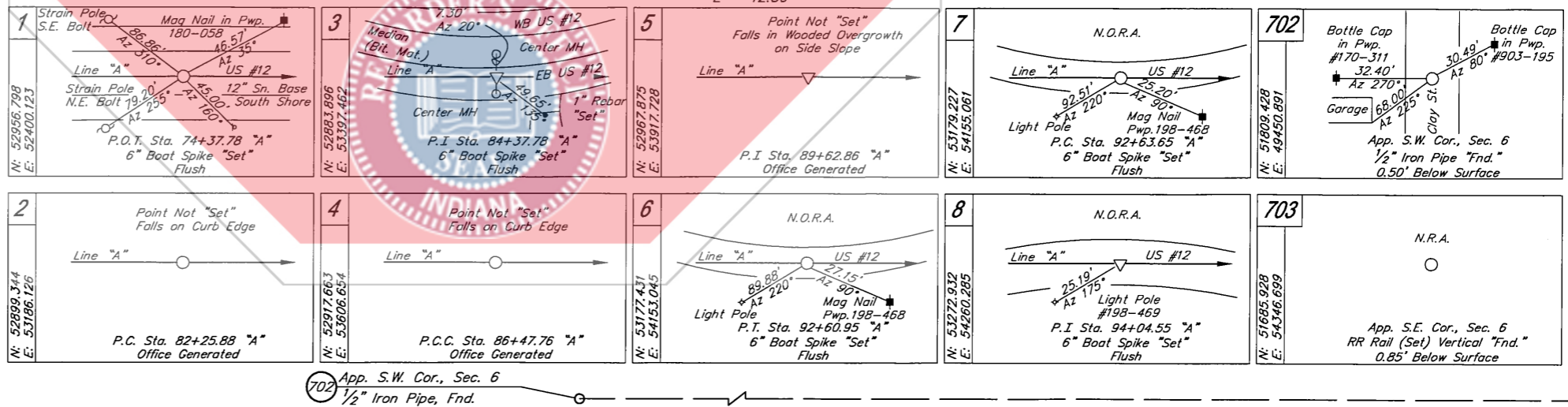


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**FILED**

SEP 03 2009

**PEGGY HOLINGA KATONA LAKE COUNTY AUDITOR**



LOCATION CONTROL ROUTE SURVEY PLAT  
 US #12 BRIDGE OVER CSX RAILROAD & HOBART ROAD  
 2.55 MILES EAST OF I-65  
 LAKE COUNTY, INDIANA  
 PREPARED BY: BUTLER, FAIRMAN & SEUFERT, INC.

**SURVEYOR STATEMENT**  
 THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF TITLE 865 I.A.C. 1-12-20 THROUGH 1-12-26 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**ROUTE SURVEY PLAT**

SIGNATURE: *Mark W. Neal* 9/2/09  
 REGISTERED LAND SURVEYOR DATE

SURVEY STARTED: 10/20/08 STRUCTURE NO. DES. NO. 0401251  
 SURVEY COMPLETED: 9/20/09 PROJECT NO. YEAR SHEET TOTAL: 2009 1 2

REGISTERED LAND SURVEYOR  
 MARK W. NEAL  
 No. LS 2010046  
 STATE OF INDIANA

