

Spot Safety Project Evaluation

Project Log # 200408071

Spot Safety Project # 04-96-017

**Evaluation of the Crossover Relocation, on US 301 Bypass-Wesleyan Blvd,
0.1 Miles North of SR 1604-Hunter Hill Road in Rocky Mount, Nash County**

Documents Prepared By:

Safety Evaluation Group
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Principal Investigator

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01/10/2005
Date

Traffic Safety Project Engineer

Spot Safety Project Evaluation Documentation

Subject Location

Evaluation of Spot Safety Project Number 04-96-017 – Located on US 301 Bypass-Wesleyan Blvd, 0.1 Miles North of SR 1604-Hunter Hill Road in Rocky Mount, Nash County

Introduction

As an addendum to the initial evaluation memo sent on March 29, 2001, the Safety Evaluation Group of the Traffic Safety Systems Management Section has provided a supplementary evaluation of the above project. This information is provided to you so the benefit or lack of benefit for this type of project can be recognized and utilized for future projects.

Project Information and Background from the Project File Folder

The spot safety project improvement countermeasure chosen for the subject location was the relocation of the crossover. The crossover was relocated further southwest to the driveways providing access for Lonestar Steakhouse, Hollywood Video, and Golden Corral. It was previously located between the driveways for Rowe Car Dealership (previously Howell Car Dealership). The crossover was relocated to prevent the potential for wrong-way movements on US 301 Bypass-Wesleyan Blvd. US 301 Bypass-Wesleyan Blvd is a four lane divided facility with left turn lanes at the subject location. The final completion for the spot safety improvement was in the fall of 1996.

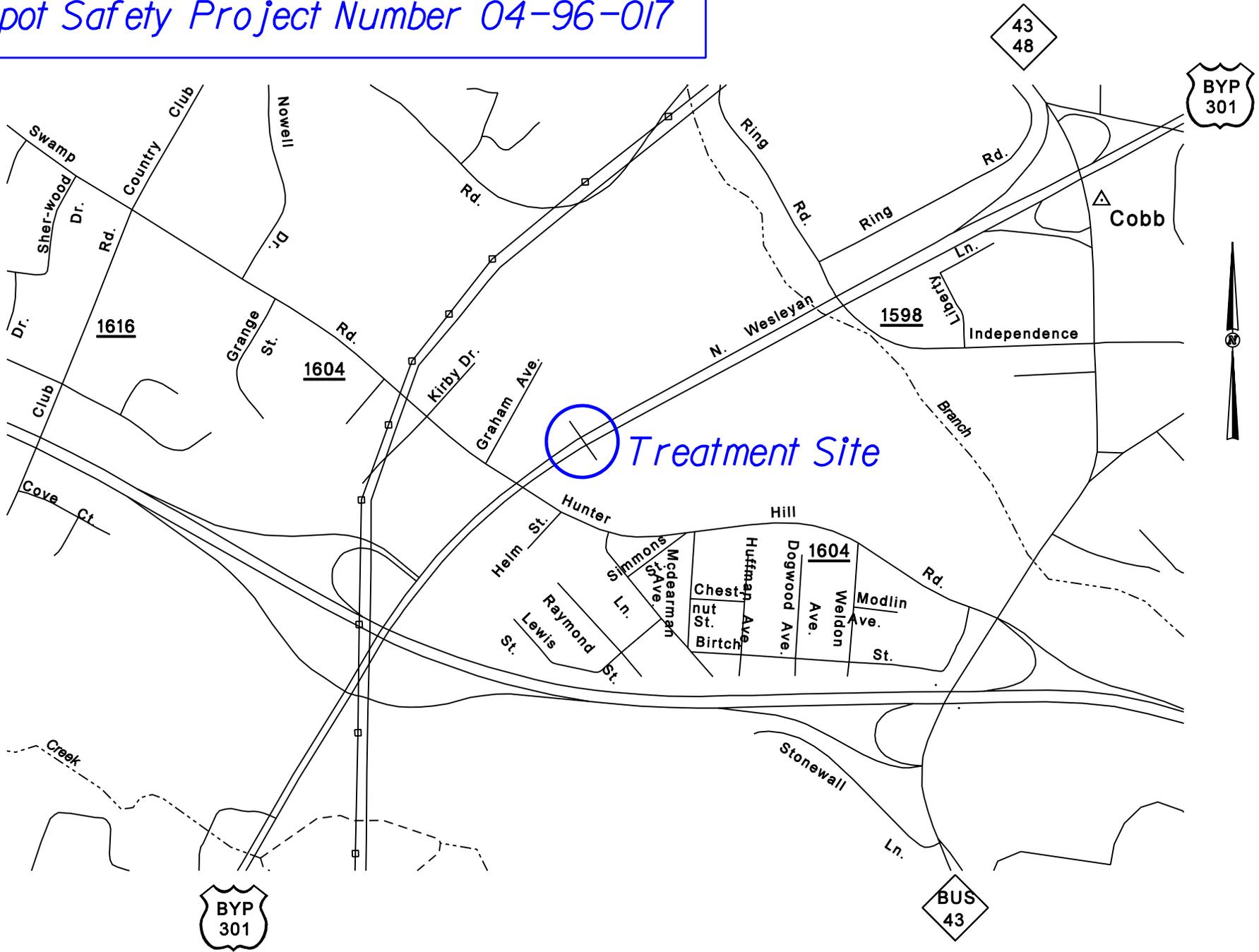
Results and Discussion

Due to the nature of this project, evaluation is not possible. We have attached a collision diagram and crash analysis for the treatment location in the after time period. The after period consisted of reported crashes from November 1, 1996 through December 31, 2003 (7 Years, 2 Months). The ending date for this analysis was determined by the available crash data at the time the crash analysis was completed. Please see attached *Location Map* for further detail. Site photography is also included. Photos of the relocated crossover (as well as the location of the removed crossover) are provided.

In the time period since the crossover has been relocated, a total of 20 reported crashes have occurred within 150 feet of the subject location. There were nine Angle crashes, five Left-Turn crashes, three Rear-End crashes, and three Sideswipe crashes. Three class B injuries and sixteen class C injuries resulted from these accidents.

Location Map, Rocky Mount, Nash County

Spot Safety Project Number 04-96-017



Treatment Site Photos (Taken on April 6, 2004)



Photo of the Treatment Crossover taken from the Lone Star Steakhouse Parking Lot.



Photo of the Treatment Crossover taken from the Hollywood Video Store Parking Lot.

Treatment Site Photos (Taken on April 6, 2004)



Heading South on US 301 Bypass–Wesleyan Blvd at the Treatment Crossover



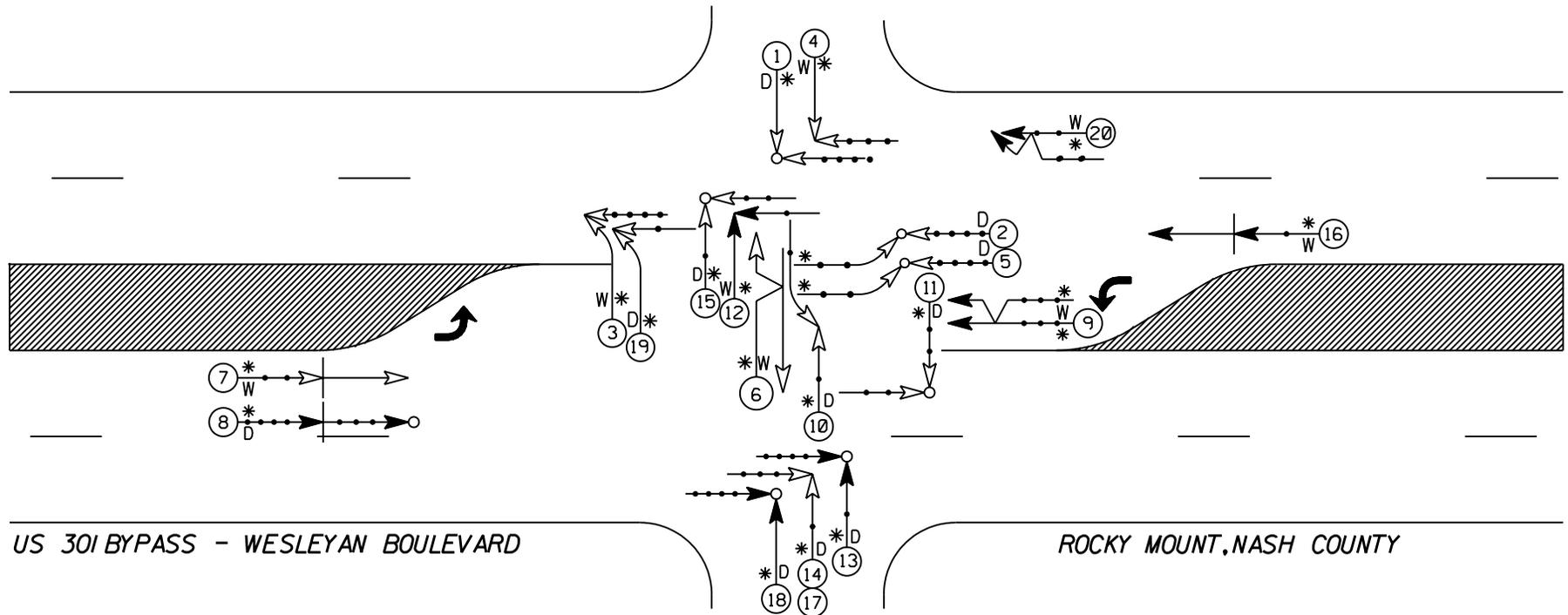
Looking North on US 301 Bypass–Wesleyan Blvd (taken from Lone Star Steakhouse Entrance).
Removed crossover was located between the Rowe Car Dealership (previously Howell Car Dealership) entrances.

Treatment Site
 After Period
 11/1/1996 to 12/31/2003
 (7 Years, 2 Months)



LONE STAR
 STEAKHOUSE

HOWELL MAZDA



US 301 BYPASS - WESLEYAN BOULEVARD

ROCKY MOUNT, NASH COUNTY

HOLLYWOOD
 VIDEO

GOLDEN
 CORRAL