

LOT NUM.	DURHAM CITY PIN #
1	0747-03-40-6845
14	0747-04-50-3843
15	0747-04-70-7899

**Kimley-Horn and Associates, Inc.**  
 4651 CHARLOTTE PARK DRIVE  
 SUITE 300  
 CHARLOTTE, NORTH CAROLINA 28217  
 PHONE: (704) 333-3333  
 FAX: (704) 333-0845  
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**FINAL SET**  
FOR CONSTRUCTION

NO.	DATE	REVISIONS
5	1/07/08	5TH PLAN REVIEW
4	11/30/07	4TH PLAN REVIEW
3	10/17/07	3RD PLAN REVIEW
2	7/20/07	2ND PLAN REVIEW
1	1/17/07	1ST PLAN REVIEW

**WAL-MART STORES, INC.**  
 SAM WALTON DEVELOPMENT COMPLEX  
 BENTONVILLE, ARKANSAS 72716-0550  
 TEL: (479) 273-4000

**WAL-MART - MORRISVILLE**  
 STORE NO. 4250-00  
 C-195-GL-NO  
 NC HWY 54 AND SURLS COURT  
 MORRISVILLE, WAKE COUNTY  
 NORTH CAROLINA

PROJECT: **NC HWY 54 PAVEMENT MARKING PLAN**

DESIGNED BY: MOS  
 DRAWN BY: MOS  
 CHECKED BY: BTE  
 DATE: 12-22-06  
 PROJECT#: 015476039  
**PM5**

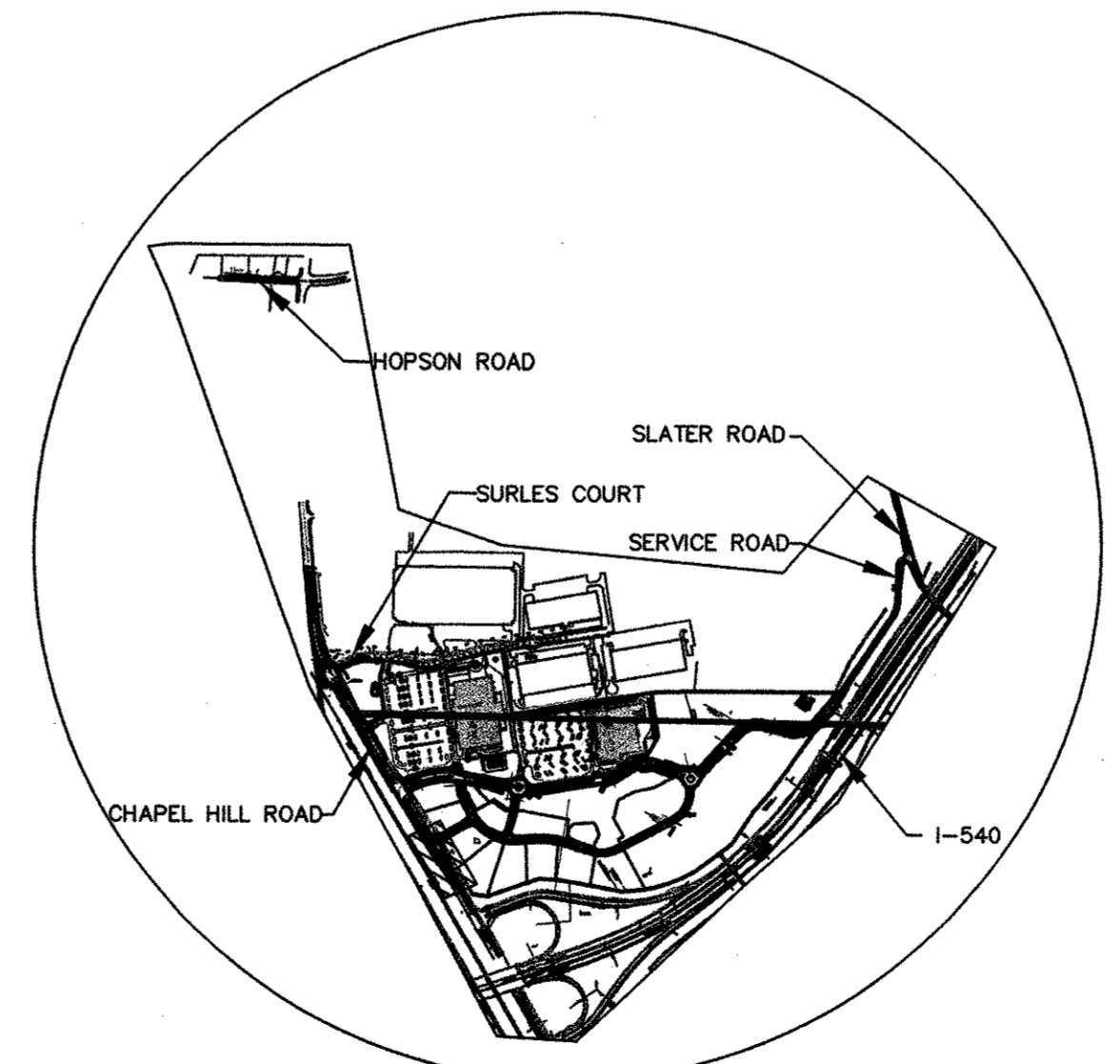
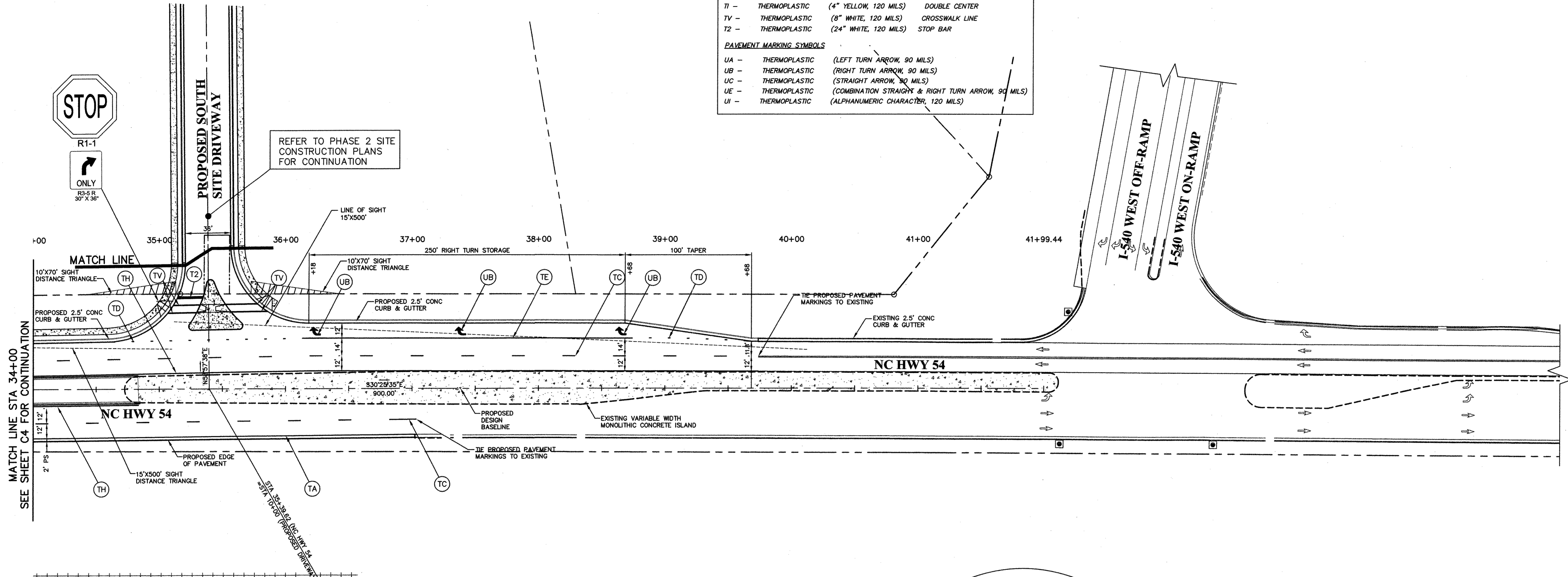
TOWN OF MORRISVILLE PROJECT NO. 06-80000041

**NOTES:**

- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
- CONTRACTOR SHALL TIE PROPOSED MARKINGS TO EXISTING MARKINGS AT PROJECT LIMITS.
- CONTRACTOR SHALL MILL ANY EXISTING MARKINGS IN CONFLICT WITH PROPOSED.
- RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ACCORDING TO NCDOT ROADWAY STANDARD DRAWINGS.
- THE CONTRACTOR SHALL USE MUTCD COMPLIANT SIGNAGE AND PAVEMENT MARKINGS. ANY DEVIATION FROM MUTCD SIGNAGE AND PAVEMENT MARKINGS SHALL BE SUBMITTED TO THE TOWN/CITY IN WRITING FOR REVIEW AND APPROVAL.

**PAVEMENT MARKING LEGEND:**

PAVEMENT MARKING LINES		
TA - THERMOPLASTIC	(4" WHITE, 90 MILS)	EDGE LINE
TC - THERMOPLASTIC	(4" WHITE, 120 MILS)	4" x 10' SKIP
TD - THERMOPLASTIC	(4" WHITE, 120 MILS)	4" x 2' MINISKIP
TE - THERMOPLASTIC	(4" WHITE, 120 MILS)	SOLID LANE LINE
TF - THERMOPLASTIC	(4" YELLOW, 120 MILS)	10' YELLOW SKIP
TH - THERMOPLASTIC	(4" YELLOW, 120 MILS)	YELLOW SINGLE CENTER LINE
TI - THERMOPLASTIC	(4" YELLOW, 120 MILS)	DOUBLE CENTER
TV - THERMOPLASTIC	(8" WHITE, 120 MILS)	CROSSWALK LINE
TZ - THERMOPLASTIC	(24" WHITE, 120 MILS)	STOP BAR
PAVEMENT MARKING SYMBOLS		
UA - THERMOPLASTIC	(LEFT TURN ARROW, 90 MILS)	
UB - THERMOPLASTIC	(RIGHT TURN ARROW, 90 MILS)	
UC - THERMOPLASTIC	(STRAIGHT ARROW, 90 MILS)	
UE - THERMOPLASTIC	(COMBINATION STRAIGHT & RIGHT TURN ARROW, 90 MILS)	
UI - THERMOPLASTIC	(ALPHANUMERIC CHARACTER, 120 MILS)	



**SIGHT DISTANCE (ft) PER 10 MPH OF ARTERIAL DESIGN SPEED FOR APPROPRIATE ARTERIAL WIDTH OF CROSSING**

SURLS COURT (30 MPH DESIGN SPEED)		
DESIGN VEHICLE CROSSING THE ARTERIAL	TWO LANES	REQUIRED SIGHT DISTANCE
PASSENGER VEHICLE	100	300
WB-50 TRACTOR TRAILER	170	510
SHILOH GLENN DRIVE (ASSUMED 30 MPH DESIGN SPEED)		
DESIGN VEHICLE CROSSING THE ARTERIAL	TWO LANES	REQUIRED SIGHT DISTANCE
PASSENGER VEHICLE	100	300

FROM: POLICY ON STREET AND DRIVEWAY ACCESS TO NORTH CAROLINA HIGHWAYS

**Construction Requirements**  
 All public and private work including but not limited to watermain, water service, sanitary sewers, sanitary sewer, storm sewers, drainage systems, roads, sidewalks, parking lots, site grading and landscaping shall be constructed in accordance with the Town of Morrisville and the Town of Cary Ordinances, Standards, Specifications, and Details that are applicable. No deviations from the Owner/Developer's Submittal plans will be allowed without written approval from the Town of Morrisville or the Town of Cary to correct such errors or omissions. Execution of this construction plan by the Review Engineer or Planner for either Town in no way limits the responsibility of the Owner and Engineer of Record with regard to compliance with all Federal, State, and local standards, regulations and/or conditions.

**Reveiw Disclaimer**  
 Should the Town of Morrisville or Town of Cary fail to identify, that the Owner/Developer has not addressed the comments made by either Town, or that the Plans and Specifications are not in compliance with respective town Ordinances, Standards, Specifications, and Detail whether from lack of discovery or for any other reason it shall in no way relieve the Owner/Developer of their obligation thereof, nor obligate the Town of Morrisville or the Town of Cary to correct such errors or omissions. Execution of this construction plan by the Review Engineer or Planner for either Town in no way limits the responsibility of the Owner and Engineer of Record with regard to compliance with all Federal, State, and local standards, regulations and/or conditions.

**Engineer/Inspector Disclaimer**  
 The presence of the Town of Morrisville or Town of Cary Engineer or Inspector at the work site shall in no way lessen the Owner's responsibility for conformity with the plans and specifications. Should the Engineer or Inspector prior to, during, or after construction fail to identify or report materials or work that does not conform with the plans and specifications, whether from lack of discovery or for any other reason, it shall in no way prevent later rejection and correction of the unsatisfactory materials or work when discovered. This is also true if the work has been accepted and is currently being maintained by the Town of Morrisville or Town of Cary. The Owner shall be responsible for correction of all work that does not conform to the plans and specifications.

**Town of Morrisville Engineering & Planning Fees Paid**

Instruments	Yes	No	Comments
Fees	X		

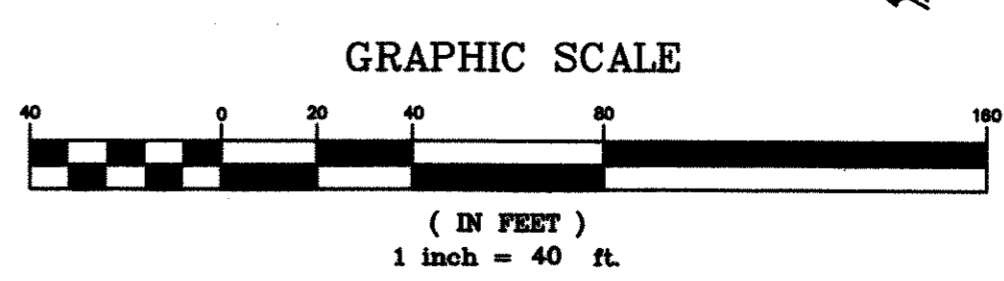
**Town of Morrisville Released for Construction**  
*Jean Meyer*  
 (signature required)  
 2/26/08  
 Date

**Morrisville Project Town of Cary Utility Approval**  
 Water And Sanitary Sewer System  
 On April 3, 2006 the ownership, construction, operation, maintenance, management, and financing of the Town of Morrisville's water and sanitary sewer system within the present and future corporate limits and Urban Service Area limits of the Town of Morrisville was transferred to the Town of Cary as per the merger agreement between these two Towns. All water and sanitary sewer system design and construction shall be in accordance with the Town of Cary, Standard, Specifications, and the Standard Construction Detail Drawings.

Approved by the Town of Cary  
 \_\_\_\_\_  
 Engineering Date

**Owner Certification**  
 The Owner/Developer hereby certifies that all Town comments have been incorporated into the Drawings and Specifications, the Drawings are in compliance with all Federal, State, Local Standards, and Town of Morrisville and Town of Cary Ordinances and Standards, specifications, and Details and the Owner has checked the plans to confirm that there are no errors or omissions. The Owner/Developer hereby certifies and agrees to take such action as may be required by the Town of Morrisville and Town of Cary to correct any errors, omissions or non-compliance with Town of Morrisville and Town of Cary Ordinances, Standards, Specifications, and Details and/or re-execution of this construction plan with the appropriate corrections and for revisions.

*J. Kelly* JAN 10 2008  
 Owner Date



**GROUNDWATER NOTE**  
 THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ITEM.