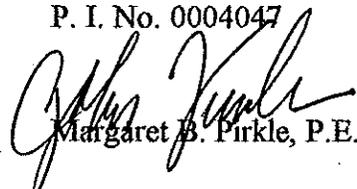


D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** STP-0004-00(047) Carroll County **OFFICE** Preconstruction  
P. I. No. 0004047 **DATE** November 17, 2003

**FROM**  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**TO** *for* SEE DISTRIBUTION

**SUBJECT NOTICE OF LOCATION AND DESIGN APPROVAL**

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

MBP/cj

Attachment

**DISTRIBUTION:**

David Mulling  
Harvey Keeper  
Percy Middlebrooks  
Paul Liles  
Phillip Allen  
Jerry Hobbs  
Joe Palladi (file copy)  
Brent Story  
Kent Sager  
BOARD MEMBER

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

**FILE:** STP-0004-00(047), Carroll County  
P.I. No.: 0004047  
SR 166 at CR 98/N. Jonesville Road and  
CR 124/W. Jonesville Road

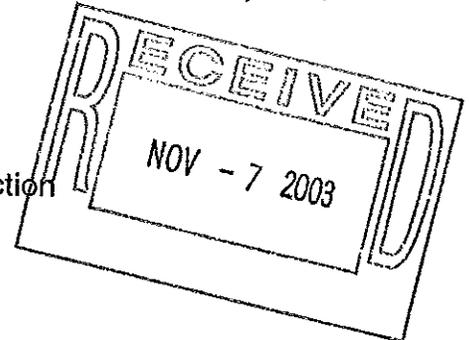
**OFFICE:** Traffic Safety and Design

**DATE:** November 7, 2003

*Phillip M. Allen* (KB)

**FROM:** Phillip M. Allen, State Traffic Safety and Design Engineer

**TO:** Margaret B. Pirkle, P.E., Assistant Director of Preconstruction



**SUBJECT:** Request for Location and Design Approval

**Description and Project Proposal:** Project STP-0004-00(047), Carroll County is located 1 mile east of the City of Bowdon and 7.2 miles west of the City of Carrollton. The project proposes to widen SR 166 to three lanes from approximately 1000-feet west of the intersection of CR 124/West Jonesville Road, M.P. 5.65 to connect to an existing three-lane section, approximately 900-feet east of the intersection of CR 98/North Jonesville Road, M.P. 6.08, a total distance of approximately 2,270-feet. The additional pavement along SR 166 is required to provide left-turn lanes onto West Jonesville and North Jonesville Roads. West Jonesville Road will be realigned to improve its intersecting angle with SR 166 and form a common-point intersection with Dixon Road, intersecting SR 166 from the south. North Jonesville Road will be widened an additional 12-feet to construct a right-turn lane at the intersection of SR 166. The work will include a stop-and-go traffic signal at the intersection of SR 166 with North Jonesville Road.

**Concept Approval Date:** October 22, 2001

**Concept Update:** No changes have been made to the Project Concept Report since it was approved.

<b>Estimated Costs:</b>	Construction	\$383,639
	Rights-of-Way	\$832,000
	Utilities	\$000,000
	Total	\$1,215,639

**Environmental Assessment Approval Date:** A Categorical Exclusion was approved on May 20, 2003. No reassessment of the environmental document has been completed since the original approval date.

**Public Hearing Results:** Time saving procedures for the project are appropriate, therefore no formal Public Information Meetings or Public Hearing will be required for the project.

**Consistency with Approved Planning:** The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

**Recommendations:** Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

Recommend:

  
Director of Preconstruction

Approval:

  
Chief Engineer

11/14/03  
Date of Approval

PMA:BA

Attachments: Approved Concept Report  
Notice of Location and Design Approval

# NOTICE OF LOCATION AND DESIGN APPROVAL

**STP-0004-00(047), Carroll County  
P.I. Number 0004047**

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

Date of Location and Design Approval: *NOVEMBER 14, 2003*

This project will widen SR 166 to three lanes from approximately 1000-feet west of the intersection of West Jonesville Road to approximately 900-feet east of the intersection of North Jonesville Road. The project is located 1 mile east of the City of Bowdon and 7.2 miles west of the City of Carrollton and lies entirely within Carroll County and within GMD 1111, Land Lots 80, 81, 117, and 118, and Land Districts 9 and 10.

SR 166 will be widened to provide left-turn and right-turn lanes onto West Jonesville and North Jonesville Roads. West Jonesville Road will be realigned to improve its intersecting angle with SR 166 and form a common-point intersection with Dixon Road, intersecting SR 166 from the south. North Jonesville Road will be widened an additional 12-feet to construct a right-turn lane at the intersection of SR 166. A stop-and-go signal will be installed at the intersection of SR 166 and North Jonesville Road.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

**Ken Howard, Area Engineer  
Department of Transportation  
4323 US Hwy. 27  
Buchanan, Georgia 30113**

**(770) 646-5522**

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

**Phillip M. Allen, State Traffic Safety and Design Engineer  
Office of Traffic Safety and Design  
935 E. Confederate Avenue, Bldg. No. 24  
Atlanta, Georgia 30316**

**(404) 635-8115**

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

PROJECT CONCEPT REPORT

CARROLL COUNTY

STP-0004-00(047)

FEDERAL ROUTE NO:

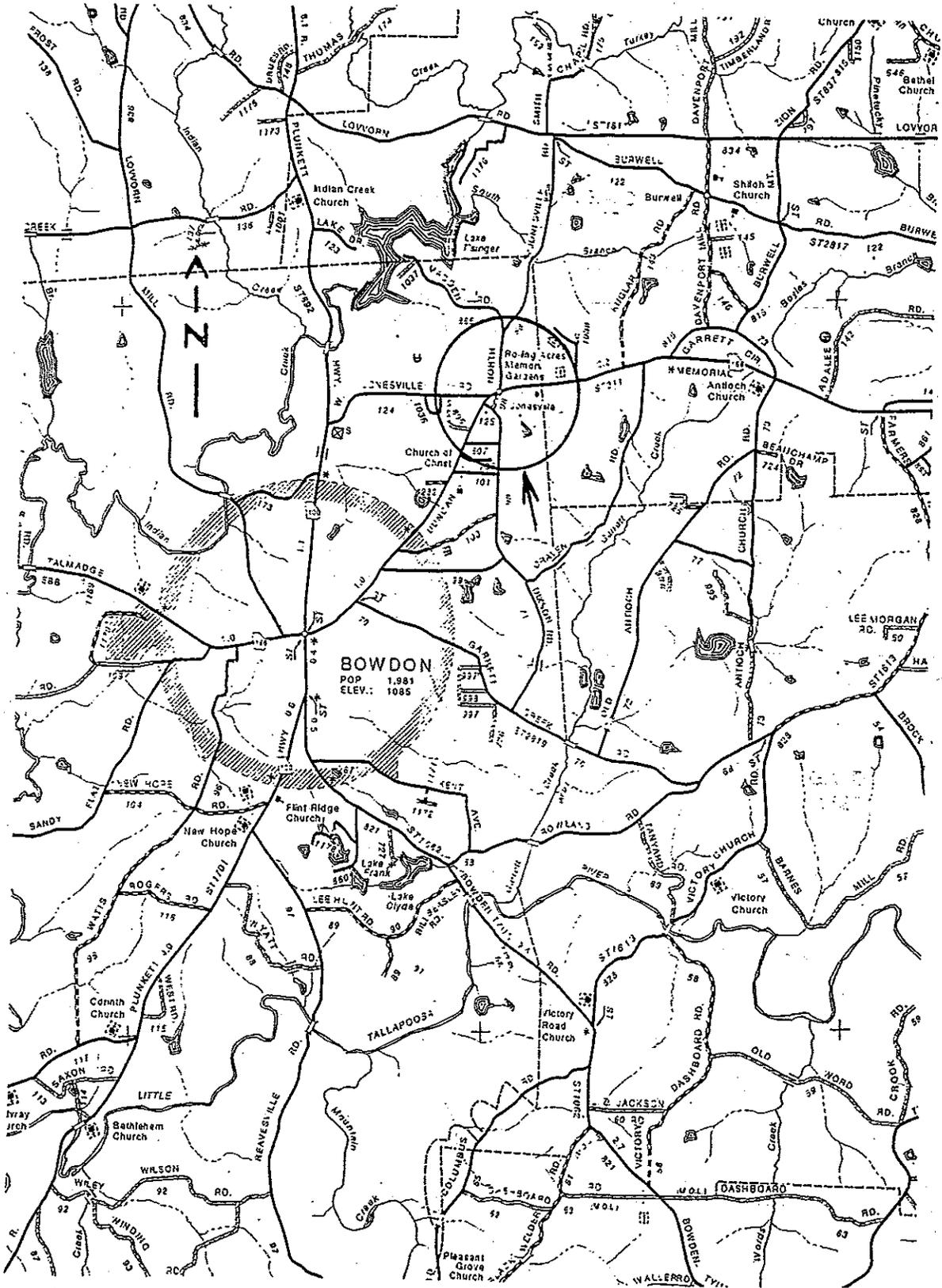
STATE ROUTE NO: 166

GADOT P.I. NO: 0004047

SEE ATTACHED  
LOCATION SKETCH

Date of Report: August 27, 2001

RECOMMENDED:	<u>10/4/01</u>	<u>Phillip M. Allen</u>
	DATE	STATE TRAFFIC SAFETY AND DESIGN ENGINEER
RECOMMENDED:	<u>10/11/01</u>	<u>Paul J. Seay</u>
	DATE	DISTRICT ENGINEER
RECOMMENDED:	<u>10/22/01</u>	<u>John W. Drenth</u>
	DATE	CHIEF ENGINEER
APPROVED:	_____	<u>J. Tom Coleman</u>
	DATE	COMMISSIONER



## PROJECT CONCEPT REPORT

**P.I. No.:** 0004047

**Project No.:** STP-0004-00(047) Carroll County

**Route No.:** S.R. 166  
C.R. 98/N. Jonesville Rd.  
C.R.124/W. Jonesville Rd.  
C.R.125/Dixson Road

**Location:** The intersection of S.R. 166 at C.R 98 is located 1.0 miles east of the City of Bowdon and 7.2 miles west of the City of Carrollton in Carroll County.

**Description:** S.R. 166 will be widened to three lanes from approximately 1000 feet west of the intersection of N. Jonesville Road to the existing three lane section approximately 900 feet east of N. Jonesville Road with a west bound right turn lane at W. Jonesville Road. N. Jonesville Road will be widened 12 feet to the west to add a right turn lane. The intersection with W. Jonesville Road will be relocated approximately 250 feet to the west to improve the skew of the intersection and to line up with Dixson Road. A traffic signal will be installed at the intersection of S.R. 166 and N. Jonesville Road.

<b><u>Traffic – Current ADT:</u></b>	S.R. 166	-----	23,600 (1999 ADT)
	C.R. 98	-----	4,600 estimated
	C.R. 124	-----	2,000 estimated
	C.R. 125	-----	2,000 estimated

**Existing Typical:** SR 166: 2 – 12 ft. travel lanes with a 4 ft. paved shoulder. There is a west bound right turn lane between N. Jonesville and W. Jonesville Roads.  
C.R. 98: 2 – 10 ft. travel lanes, one in each direction, with 3 – 5 ft. grassed shoulders.  
C.R. 124: 2 – 10 ft. travel lanes, one in each direction, with 3 – 5 ft. grassed shoulders.  
C.R. 125: 2 – 10 ft. travel lanes, one in each direction, with 3 – 5 ft. grassed shoulders.

<b><u>Existing Right of Way:</u></b>	S.R. 166	-----	80' (Estimated)
	C.R. 98	-----	60' (Estimated)
	C.R. 124	-----	60' (Estimated)
	C.R. 125	-----	60' (Estimated)

**Existing Traffic Control:** S.R. 166 is a through movement with standard pavement markings. Stop signs and stop bars are present on N. Jonesville Road, W. Jonesville Road, and Dixson Road.

**Existing Major Structures:** None.

**Statement of Need & Purpose:** Accident history for these intersection show 5 accidents over the 21-month period from January 1999 to September 2000, including 2 injuries. Realignment of CR 124, installation of left and right-turn lanes on SR 166 at CR 124 and CR 98, and signalization of SR 166 and CR 98 will reduce accidents at these intersections. To improve the safety and orderly progression of traffic through the intersection these improvements are recommended.

**Bicycle & Pedestrian Considerations:** Crosswalks and pedestrian signals with pushbuttons will be installed.

**Length:** 0.62 miles

<b>Termini:</b>	<b>S.R. 166</b>	<b>C.R. 98</b>	<b>C.R.124</b>	<b>C.R. 125</b>
<b>From M.P.</b>	5.65	1.53	1.05	0.00
<b>To M.P.:</b>	6.04	1.65	1.15	0.01

**PDP Class:** Minor Existing

<b>Functional Class:</b>	S.R. 166	-----	Rural Minor Arterial
	C.R. 98	-----	Rural Local
	C.R. 124	-----	Rural Local
	C.R. 125	-----	Rural Local

**Max Degree of Curve:** +/- 6.0 Degrees      **Max Grades:** +/- 2.0 %

<b>Design Speed:</b>	S.R. 166	-----	55 mph
	C.R. 98	-----	35 mph
	C.R. 124	-----	35 mph
	C.R. 125	-----	35 mph

**Proposed Typical Section:** S.R. 166: 2 – 12 ft. travel lanes, one in each direction, plus a 12 ft. left turn lane in each direction and a 12 ft. WB right turn lane at C.R. 124.  
 C.R. 98: 3 – 12 ft. travel lanes, one north bound and two southbound.  
 C.R. 124: 2 - 12 ft. travel lanes one in each direction on new alignment.  
 C.R. 125: 2 – 12 ft. travel lanes one in each direction.

**Proposed major structures:** None.

**Type Access:** By Permit.

**Traffic Control During Construction:** Existing operation shall be maintained during construction.

**Right-of-Way Requirement:** Carroll County shall be responsible for the acquisition of all Required Right of Way for this project.

**Utilities:** Carroll County shall be responsible for all Utility adjustments.

**Estimated Cost:**

<b><u>Item</u></b>	<b><u>Total Amount</u></b>	
Right-of-way	\$ 832,000	(By Carroll Co.)
Utilities	\$ 0	(By Carroll Co.)
Estimated LGPA Total	\$832,000	
Construction	\$ 298,763	
Traffic Signal	\$ 50,000	
Railroad Equipment	\$ 0	
E & C 10 %	\$ 34,876	
Total Construction	\$ 383,639	

**Permits Required:** None.

**Level of Environmental Analysis:** Categorical Exclusion.

**Level of Public Involvement:** None.

**Time Saving Procedures Appropriate:** Yes (X) No ( )

**Design Variances Required:** None.

**Alternates Considered:** Installing only a east bound left turn lane for C.R. 98. With this alternative the taper for the left turn lane would extend through the intersection of C.R. 124. It was decided to relocate the intersection of C.R. 124 to alleviate this condition.

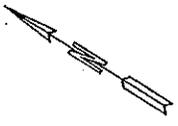
**Comments:**

**Attachments:** None

Prepared by Kimley-Horn and Associates/Gresham, Smith and Partners on behalf of the Office of Traffic Operations of the Georgia Department of Transportation.

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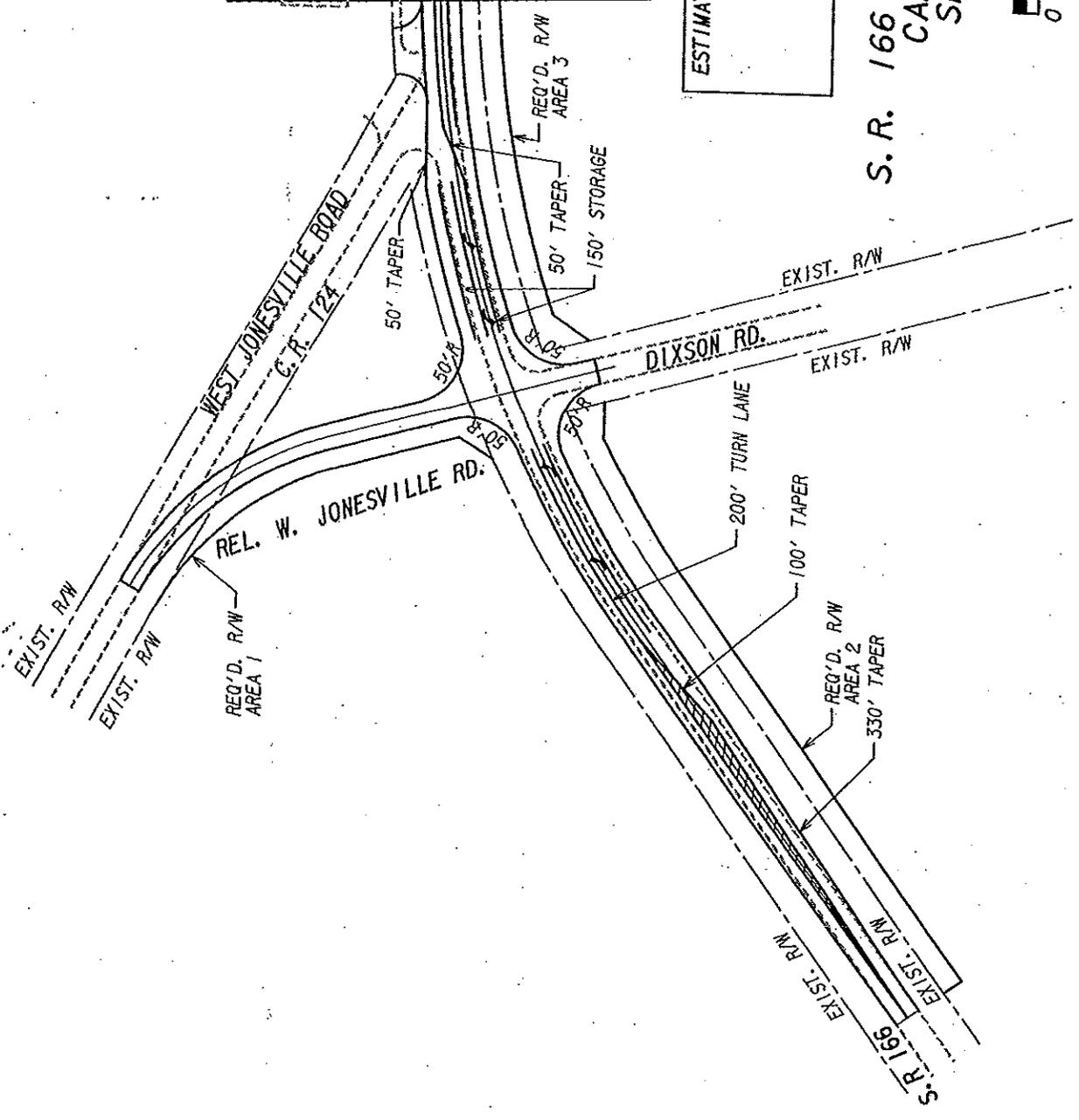
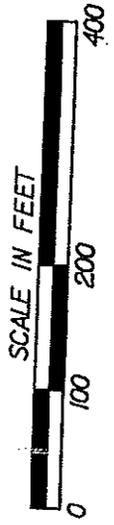
James M. Pohlman, P.E.

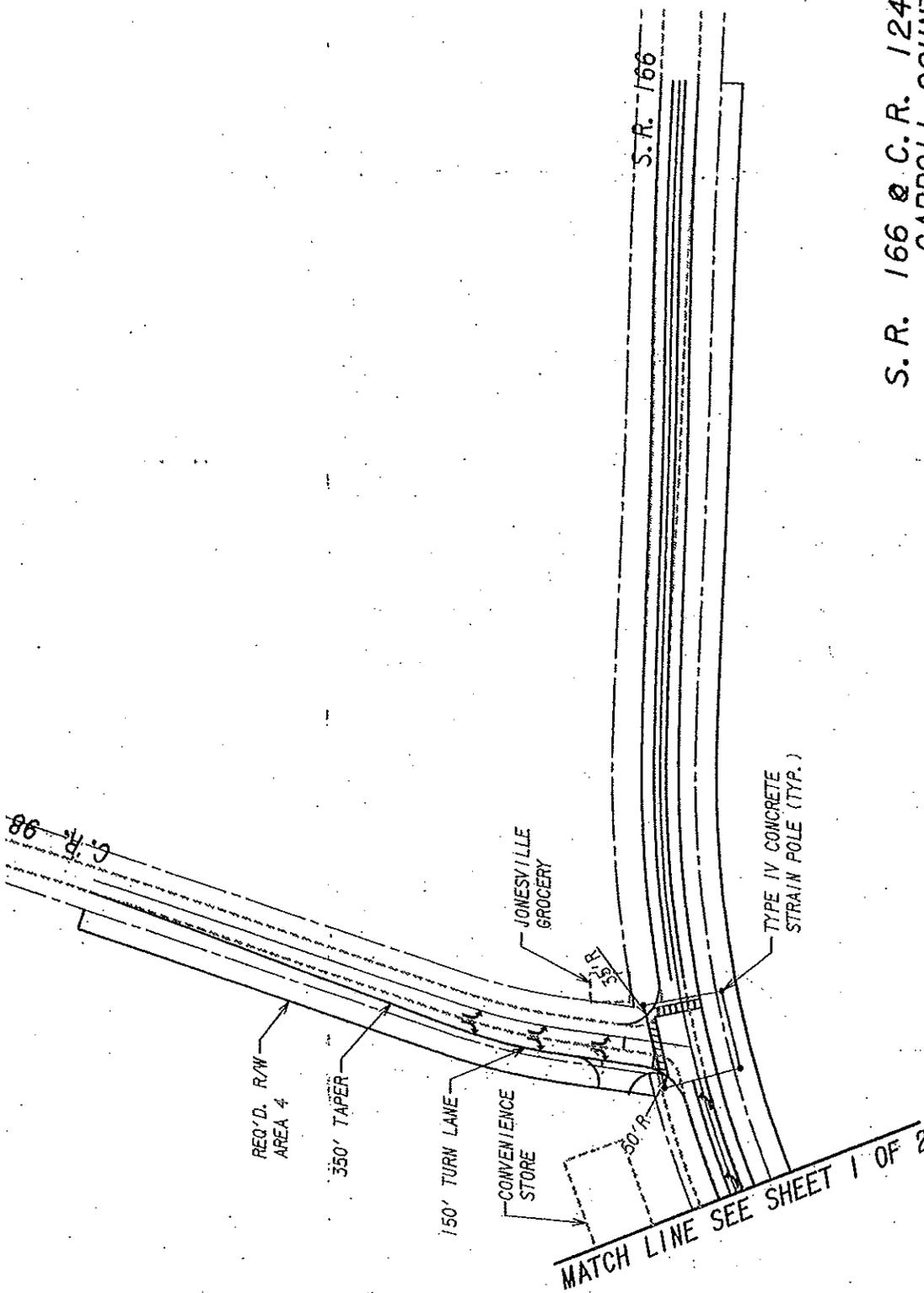


MATCH LINE SEE SHEET 2 OF 2

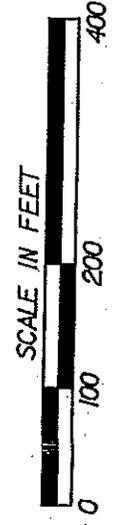
ESTIMATED REQUIRED RIGHT OF WAY	
AREA #1	30915 SF
AREA #2	13088 SF
AREA #3	29778 SF
AREA #4	11326 SF
TOTAL	85107 SF

S. R. 166 @ C. R. 124/C. R. 98  
 CARROLL COUNTY  
 SHEET 1 OF 2





S.R. 166 @ C.R. 124/C.R. 98  
 CARROLL COUNTY  
 SHEET 2 OF 2



MATCH LINE SEE SHEET 1 OF 2