

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0001918, Union County **OFFICE** Preconstruction
STP-0001-00(918)
SR 11/US 129 Widening **DATE** June 1, 2006

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

TO SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

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:

Brian Summers
Harvey Keepler
Jamie Simpson
Paul Liles
Keith Golden
Ken Thompson
Joe Palladi (file copy)
Babs Abubakari
Russell McMurry
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: STP-0001-00(918), Union County
P.I. No.: 0001918
SR 11/US 129 at CR 1/Pat Colwell Road
& CR 2/Pat Haralson Memorial Road

OFFICE: Traffic Safety and Design

DATE: May 26, 2006


FROM: Keith Golden P. E., 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: The project is located at the intersection of SR 11/US 129 with CR 1/Pat Colwell Road and CR 2/Pat Haralson Memorial Road, approximately 1.3 miles north of the city of Blairsville and 9 miles south of the North Carolina state line in Union County.

The project proposes to widen SR 11/US 129 to add a two way left turn lane from the intersection of Pat Colwell Road/CR 1 to the intersection of Pat Haralson Memorial Road/CR 2, the two way left turn lane will become an exclusive left turn lane at CR 1 and CR 2. The project begins at mile log 15.08 and ends at mile log 15.56, about half mile long. Both Pat Colwell and Pat Haralson Memorial Roads will be widened to add a right turn lane turning onto SR 11.

Concept Approval Date: October 6, 2003.

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

Estimated Costs:	Construction	\$ 1,290,070.00
	Rights-of-Way	\$ 15,200.00
	Utilities	\$ 0.00
	Total	\$ 1,305,270.00

Request for Location and Design Approval
STP-0001-00(918), Union County
May 26, 2006
Page 2 of 2

Environmental Assessment Approval Date: A Categorical Exclusion was approved on 01-26-2006. No reassessment of the environmental document has been completed since the original approval date.

Public Involvement: A Public Information Open House (PIOH) was held on May 5, 2005 at Union Middle School. A total of 22 people attended the meeting; a total of 29 comments received, with 7 comments in support of project and 22 conditional.

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: Buddy Lott
Director of Preconstruction

Approval: O. S. [Signature]
Chief Engineer

5/31/06
Date of Approval

KG:BA

Attachments: Approved Concept Report
Notice of Location and Design Approval

NOTICE OF LOCATION AND DESIGN APPROVAL

**STP-0001-00(918), Union County
P.I. Number: 0001918**

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: **JUNE 1, 2006**

The project is located at the intersection of SR 11 with CR 1/Pat Colwell Road and CR 2/Pat Haralson Memorial Road Mile log 15.08 to Mile log 15.56, approximately 1.3 miles north of the city of Blairsville and 9 miles south of the North Carolina state line in Union County. The project lies within Land District 9, Land Lots 240, 241, 265 and GMD 865 .

The project proposes to widen SR 11/US 129 to add a two way left turn lane from the intersection of Pat Colwell Road/CR 1 to the intersection of Pat Haralson Memorial Road/CR 2, the two way left turn lane will become an exclusive left turn lane at CR 1 and CR 2. The project begins at mile log 15.08 and end at mile log 15.56, about half mile long. Both Pat Colwell and Pat Haralson Memorial Roads will be widened to add a right turn lane onto SR 11.

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:

**Charles C. Davis, Area Engineer
Georgia Department of Transportation
942 Albert Reed Road
Cleveland, Georgia 30528**

(770) 348-4848

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:

**Keith Golden P.E., 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

UNION COUNTY

STP-0001-00 (918)

STATE ROUTE NO: 11

FEDERAL ROUTE NO: F2-7

GADOT P.I. NO: 0001918

SEE ATTACHED
LOCATION SKETCH

Date of Report: May 2, 2003

RECOMMENDED: 5-28-03
DATE

Phillip M. Allen
STATE TRAFFIC SAFETY AND DESIGN ENGINEER

RECOMMENDED: 6-5-03
DATE

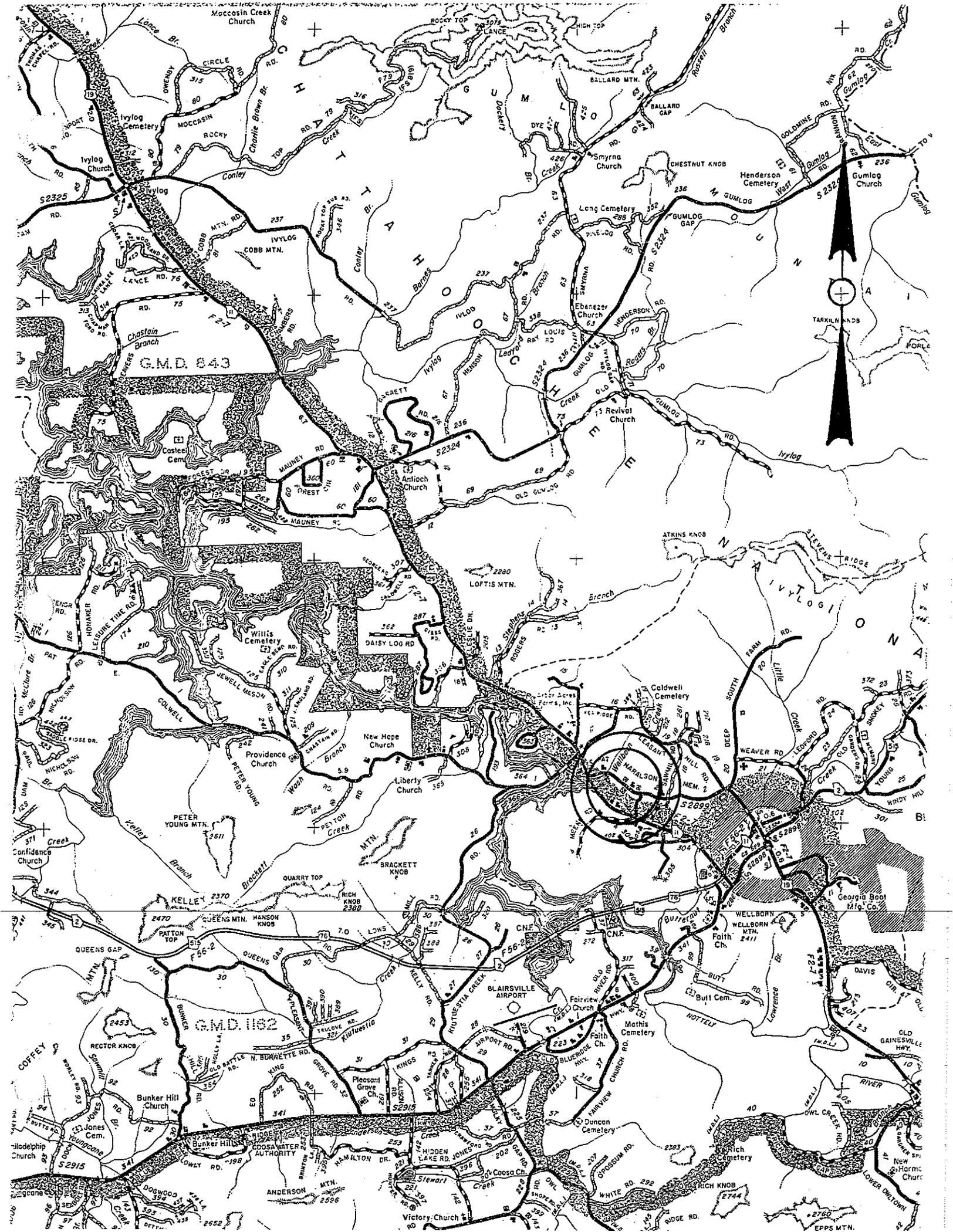
Larry E. Rutledge
DISTRICT ENGINEER

RECOMMENDED: 10/6/03
DATE

Paul M. Mash
CHIEF ENGINEER

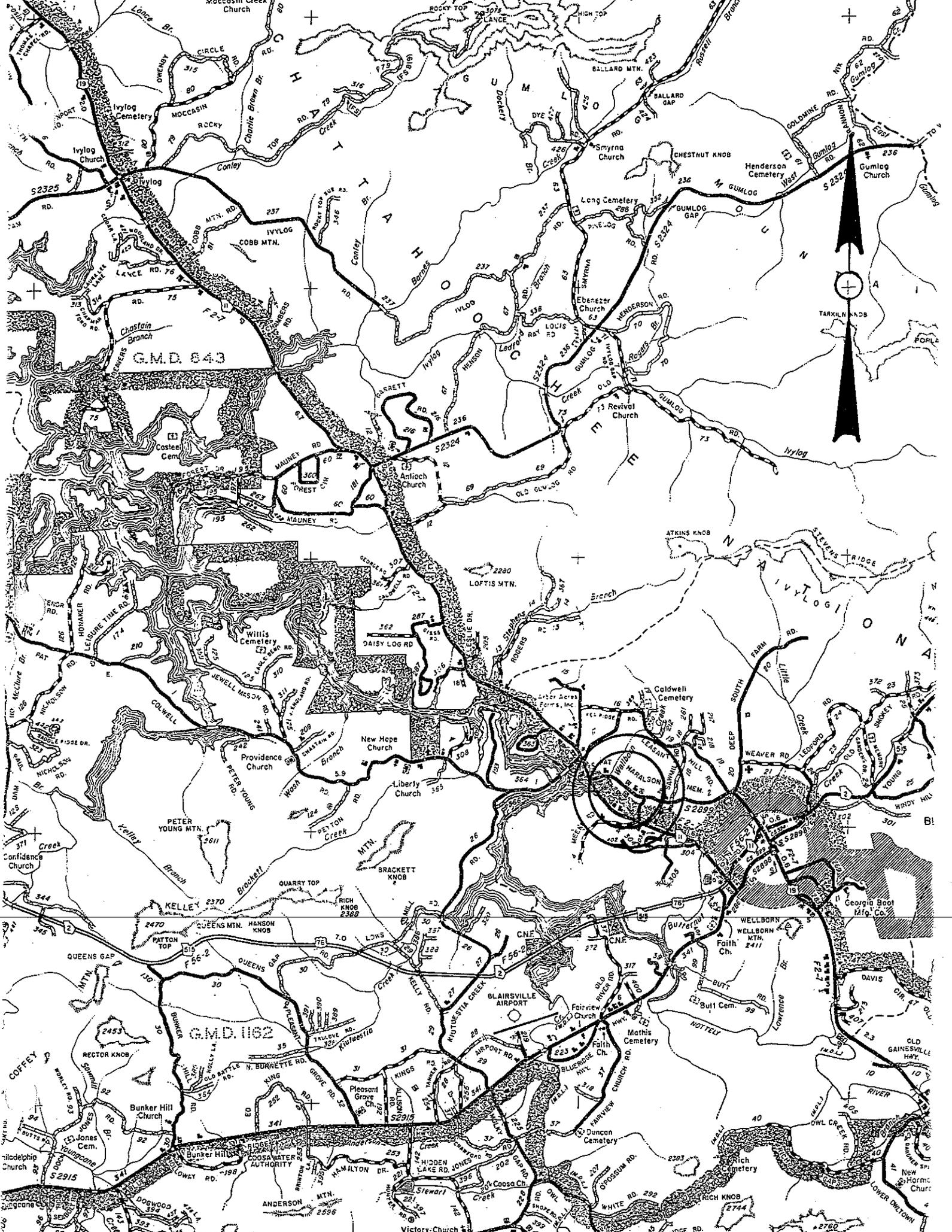
APPROVED: 10-6-03
DATE

Harold E. Zimmerman
COMMISSIONER



G.M.D. 843

G.M.D. 1162



PROJECT CONCEPT REPORT

P.I. No.:

Project No.: Union County

Route No.: SR 11/US 129 at CR 100/Pat Colwell road & CR 200/Pat Harralson Drive.

Location: The location of the intersection of SR 11/US 129 with CR 100/Pat Colwell road & CR 200/Pat Harralson Drive is 1.3 miles North of Blairsville and 9 miles South of The North Carolina State Line.

Description: SR 11/US 129 with CR 100/Pat Colwell Road & CR 200/Pat Harralson Drive will consist of constructing exclusive left turn lanes onto County Road 100/ Pat Colwell Road and CR 200/Pat Harralson Drive, with a 610 foot long two-way left turn lane. County Road 100/Pat Colwell Road and CR 200/Pat Harralson Drive will both have a 200 foot long right turn lane constructed onto SR 11/US 129.

<u>Traffic – Current ADT:</u>	SR 11/US 129 -----	8,800 (1999 ADDT)
	CR 100/Pat Colwell Road -----	700 (1999 ADDT)
	CR 200/Pat Harralson Drive -----	2,700 (1999 ADDT)

Existing Typical: SR 11/US 129: Two 12-foot travel lanes, one in each direction, with 1 ft. paved/ 3 ft. grassed shoulder.

CR 100/Pat Colwell Road: Two 12-foot travel lanes, one in each direction, with 1 ft. paved/ 3 ft. grassed shoulder

CR 200/Pat Harralson Drive: Two 12-foot travel lanes, one in each direction, with 1 ft. paved/ 3 ft. grassed shoulder

<u>Existing Right of Way:</u>	SR 11/US 129 -----	100' (Estimated)
	CR 100/Pat Colwell Road -----	60' (Estimated)
	CR 200/Pat Harralson Drive -----	80' (Estimated)

Existing Traffic Control: State Route 11 southbound is controlled by an advance side road warning sign with a 45 mph advisory speed plate attached at CR 100/Pat Colwell Road and CR 200/Pat Harralson Drive and general guide signs control the northbound lane at this location.

Existing Major Structures: Two wing wall box culverts.

May 2, 2003

Statement of Need & Purpose: The purpose for this project is to improve the safety and operation of the intersection SR 11/US 129 with CR 100/Pat Colwell Road & CR 200/Pat Harralson Drive in Union County. SR 11/US 129 is a rural arterial route that consists of one southbound lane and one northbound lane. State Route 11 is a direct route to Murphy, North Carolina. County Road 200/ Pat Harralson Memorial Drive is a county collector road that serves northern Union County. The road ties SR 11 with the northern city limits of Blairsville. County Road 100/Pat Colwell Road is a county collector road that serves northwest Union county. The road ties SR 325 to the west with SR 11 at MP 15.44. Accident history shows a total of 19 accidents at the intersection of SR 11/US 129 at CR 100/Pat Colwell Road & CR 200/Pat Harralson Drive from 2001-2002, fourteen being rear-end accidents, four angle intersecting accidents, and one other. Therefore it is recommended the construction of exclusive left turn lanes onto County Road 100/ Pat Colwell Road and CR 200/Pat Harralson Drive, with the construction of a 610 foot long two-way left turn lane on SR 11/US 129. County Road 100/Pat Colwell Road and CR 200/Pat Harralson Drive will both have a 200 foot long right turn lane constructed onto SR 11/US 129. These recommendations will improve the operational efficiency of the intersection, thereby improving the overall operation of traffic flow and alleviating the rear-end type accidents.

Length: 0.60 Miles

Termini:	- SR 11/US 129 -	- CR 100 -	- CR 200 -
From M.P.:	15.56	0.00	0.00
To M.P.:	15.08	0.06	0.06

PDP Class: Minor Existing

Functional Class: SR 11/US 129 ----- Rural Major Arterial
CR 100/Pat Colwell Road ----- Rural Minor Collector
CR 200/Pat Harralson Drive ----- Rural Minor Collector

Max Degree of Curve: +/- 1 Degree

Max Grades: +/- 1 %

Design Speed: SR 11/US 129 ----- 55 mph
CR 100/Pat Colwell Road ----- 40 mph
CR 200/Pat Harralson Drive ----- 40 mph

Proposed Typical Section: SR 11/US 129: Two 12-foot travel lanes, one in each direction, with two 12-foot left turn lanes and one 14-foot two-way left turn lane. Shoulders will be 10.5 ft., 6.5 ft. paved/4 ft. grassed.

CR 100/Pat Colwell Road: Two 12-foot travel lanes, one in each direction, with one 12-foot right turn lane. Shoulders will be 10.5 ft., 6.5 ft. paved/4 ft. grassed.

CR 200/Pat Harralson Drive: Two 12-foot travel lanes, one in each direction, with one 12-foot right turn lane. Shoulders will be 10.5 ft., 6.5 ft. paved/4 ft. grassed.

Proposed major structures: Extending both culverts seventeen feet.

Bike & Pedestrian: None

Type Access: By Permit.

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

Right-of-Way Requirement: Georgia Department of Transportation shall be responsible for the acquisition of all required rights of way at this location.

Utilities: Union County shall be responsible for all public reimbursable utility adjustments at this location.

Estimated Cost:

<u>Item</u>	<u>Total Amount</u>	
	<u>Federal/State</u>	<u>Local</u>
R/W -----	\$ 15,200	
Utilities -----	\$	0
Estimated LGPA Total -----	\$ 15,200	
Construction -----	\$ 348,953.00	
Traffic Signal -----	\$ 0.00	
E & C 10% -----	\$ 34,895.00	
Total Construction -----	\$ 373,848.00	

Permits Required: None.

Level of Environmental Analysis: A Programmatic Categorical Exclusion is anticipated.

Level of Public Involvement: None.

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

Design Variances Required: None.

Alternatives Considered: None.

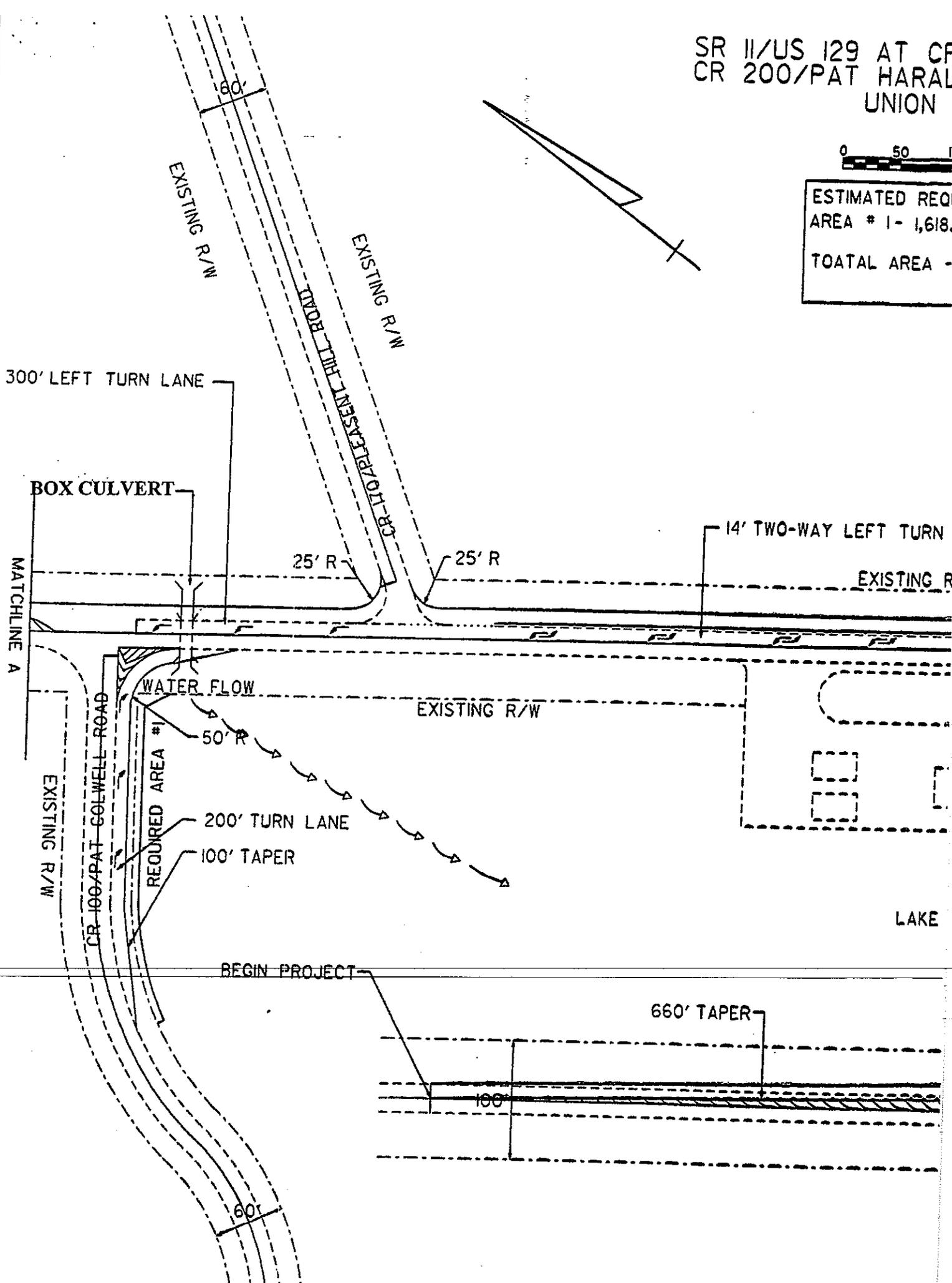
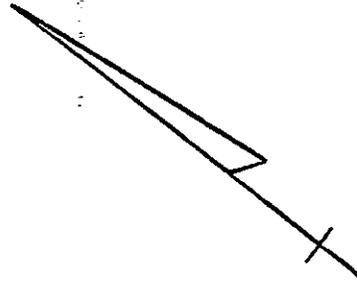
Comments: This Office will evaluate the two locations for signalization after the proposed improvements have been completed.

Prepared By: 
Kevin M. Stefanik
Traffic Safety Concept Design Engineer II

SR 11/US 129 AT CR
CR 200/PAT HARALS
UNION C



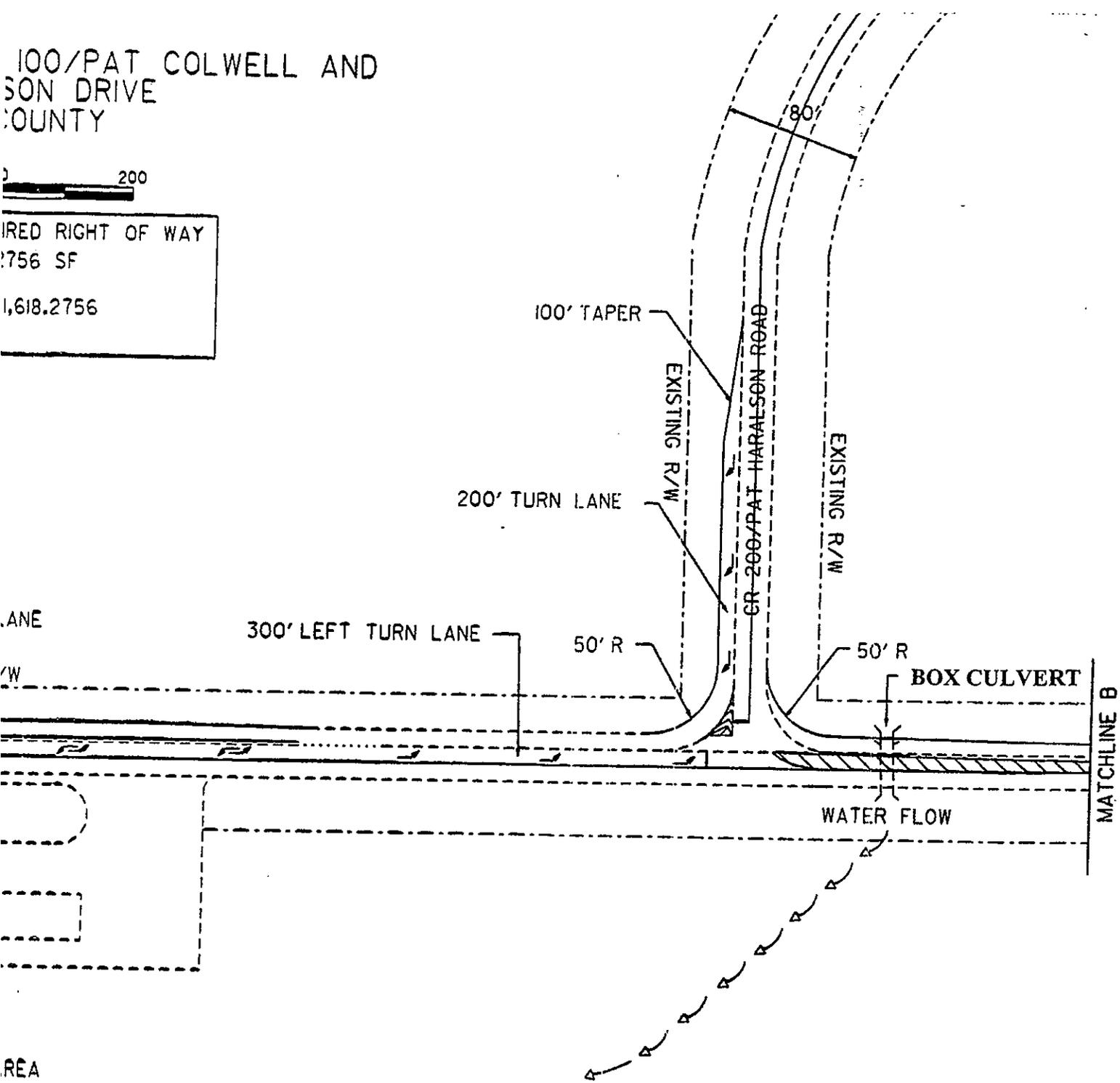
ESTIMATED REQU
AREA # 1 - 1,618.2
TOATAL AREA -



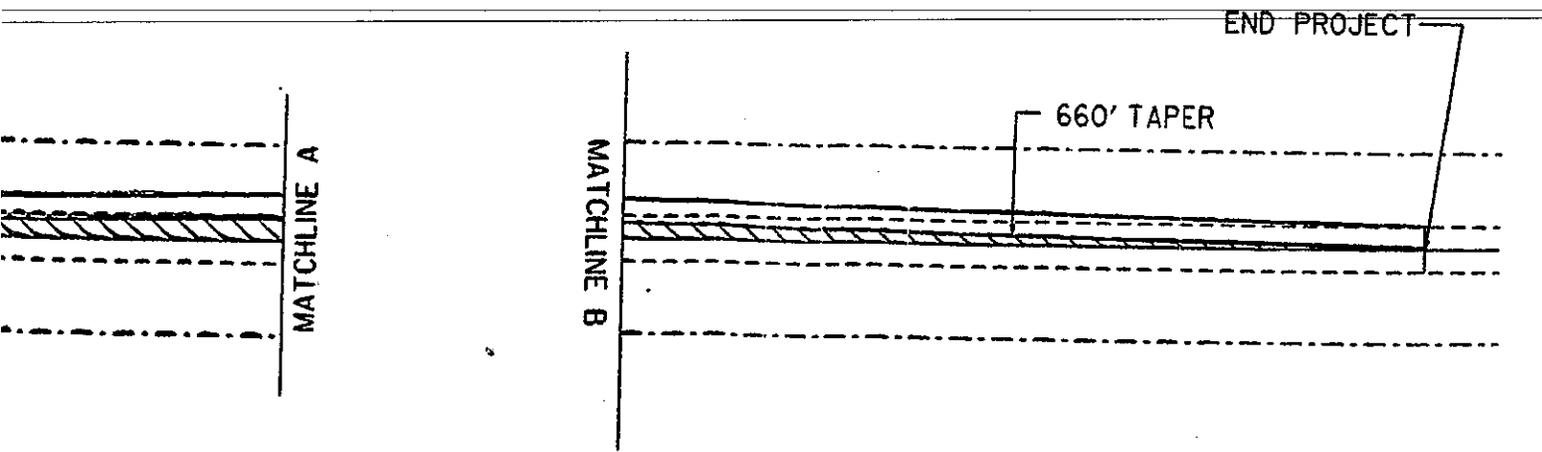
100/PAT COLWELL AND
SON DRIVE
COUNTY

0 200

EXISTING RIGHT OF WAY
2756 SF
1,618.2756



AREA



COST ESTIMATE SUMMARY

PAY ITEM

PAVEMENT

402-3113	Recycled ASPH CONC 12.5 mm, Superpave	\$43,017
402-3190	Recycled ASPH CONC 25 mm, Superpave	\$53,948
402-3121	Recycled ASPH CONC 19 mm, Superpave	\$31,525
310-1101	GR AGGR Base CRS	\$25,343
413-1000	2 Lay TACK	\$ 5,055

EARTHWORK

205-0001	Unclassified	\$12,500
206-0001	Borrow	\$12,500

CLEARING & GRUBBING

202-1000	Clearing/Grubbing	\$10,689
700-7000	AGRI. Lime	\$ 838
700-8000	FERT. Mix	\$ 4,106
700-8100	FERT. Nit	\$ 1,270
700-6100	ADDL. Grass	\$ 870

DRAINAGE/EROSION CONTROL

171-0010	TYPE "A "	\$12,096
171-0030	TYPE "C"	\$ 1,435

RIGHT OF WAY MARKERS

634-1200	Right of way markers	\$ 1,500
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MARKING/SIGNING

653-0120	Arrow Type 2	\$2,450
653-1501	Solid 5" White	\$1,464
653-1502	Solid 5" Yellow	\$1,347
653-6004	TRAFR. Strip White	\$ 2,000

TRAFFIC CONTROL

150-1000		\$25,000
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