ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-M000-00(743) Turner County
P. I. No. M000743

OFFICE Preconstruction

DATE April 9, 2003

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

TO SEE DISTRIBUTION

SUBJECT **PROJECT CONCEPT REPORT APPROVAL**

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

David Mulling
Harvey Keepler
Jerry Hobbs
Percy Middlebrooks
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
David Crim
BOARD MEMBER

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-M000-00(743) Turner County
P.I. No. M000743

OFFICE Preconstruction

DATE March 25, 2003

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

TO Frank L. Danchetz, P.E., Chief Engineer

SUBJECT **PROJECT CONCEPT REPORT**

This project consists of the comprehensive study, repair, and improvement of the drainage system approaching and leaving the intersection of East College Avenue and SR 7/US 41 in the City of Ashburn. Drainage within this corridor is considered inadequate, restricting the amount of runoff intercepted by the drainage system. Many existing inlets have small apertures resulting in large amounts of bypass flow, several of the existing drainage pipes are not of sufficient size to pass the design flow without surcharging, and pipes within the existing drainage system are in disrepair. The existing roadway consists of 18' travel lanes with curb and gutter and sidewalks. Traffic volumes are projected to be 2,450 VPD and 3,600 VPD in the years 2008 and 2028 respectively.

This project includes the hydrologic and hydraulic analysis of the existing drainage system within the project limits and the reconstruction of the existing pipe system with additional and larger inlets and sufficiently sized pipes. The proposed project length is 0.47 miles. Traffic will be maintained via stage construction.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	PROPOSED	APPROVED	PROG DATE	LET DATE
Construction (includes E&C and inflation)	$435,000	$437,000	Lump	Dec-03
Right-of-Way & Utilities*	Local	Local		

*City of Ashburn signed LGPA on 2-18-03 for right-of-way and utilities.

I recommend this project concept be approved.

MBP:JDQ/cj

Attachment

CONCUR _____
Thomas L. Turner, P.E., Director of Preconstruction

APPROVE _____
Frank L. Danchetz, P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

MAR 11 2003

FILE: STP-M000-00(743) Turner
P.I. Number M000743

OFFICE: Engineering Services

DATE: March 10, 2003

FROM: David Mulling, Project Review Engineer REW

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: **CONCEPT REPORT**

We have reviewed the concept report submitted March 4, 2003 by the letter from Jeff Bridges dated February 26, 2003, and have no additional comments.

The costs for the project are:

Construction	$378,179
Inflation	$18,910
E&C	$37,818
Reimbursable Utilities	$2,500 (LGPA anticipated) *
Right of Way	Not provided (LGPA anticipated) *

* LGPA has not been signed

REW

c: Jeff Bridges, District 4 Design, Tifton

SCORING RESULTS AS PER MOG 2440-2

Project Number:	County:	PI No.:
STP-M000-00(743)	Turner	M000743

Report Date:	Concept By:
February 27, 2003	DOT Office: District 4
☒ Concept Stage	Consultant: N/A

Project Type: Choose One From Each Column			
	☐ Major	☒ Urban	☐ ATMS
	☒ Minor	☐ Rural	☐ Bridge Replacement
			☐ Building
			☐ Interchange Reconstruction
			☐ Intersection Improvement
			☐ Interstate
			☐ New Location
			☐ Widening & Reconstruction
			☒ Miscellaneous

FOCUS AREAS	SCORE	RESULTS
Presentation	100	
Judgement	100	
Environmental	100	
Right of Way	100	
Utility	100	
Constructability	100	
Schedule	100	

DOT6066

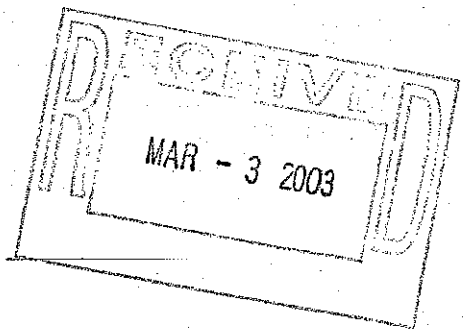
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-M000-00(743), Turner County
P.I. No. M000743

OFFICE Tifton, GA

DATE February 26, 2003



FROM Jeff Bridges, District Design Engineer

TO Meg Pirkle, Assistant Director of Preconstruction

SUBJECT **Project Concept Report**

Attached is the Concept Report on the above project for your further handling.

If you have any questions please contact Jeff Bridges at (229) 386-3618.

HJB;jb

Attachments

Cc:

Marta Rosen, State Transportation Planning Administrator
Herman Griffin, Financial Management Administrator
Harvey Keepler, State Environmental/Location Engineer
Phillip Allen, State Traffic Safety and Design Engineer
David Mulling, Project Review Engineer

File

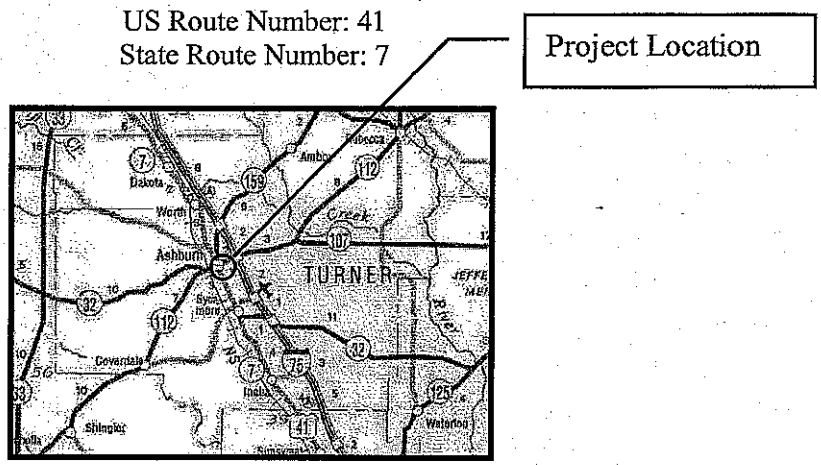
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 4 – Tifton, Ga.

Project Number: STP-M000-00(743)
County: Turner
P. I. Number: M000743

Project Concept Report

US Route Number: 41
State Route Number: 7



Drainage Improvements: SR 7/US 41 @ E. College Ave. in the City of Ashburn

Recommended for approval:

DATE: 2/26/2003 _____
Project Manager

DATE: 2/27/2003 _____
District Engineer

This concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Improvement Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE: _____
State Transportation Planning Administrator

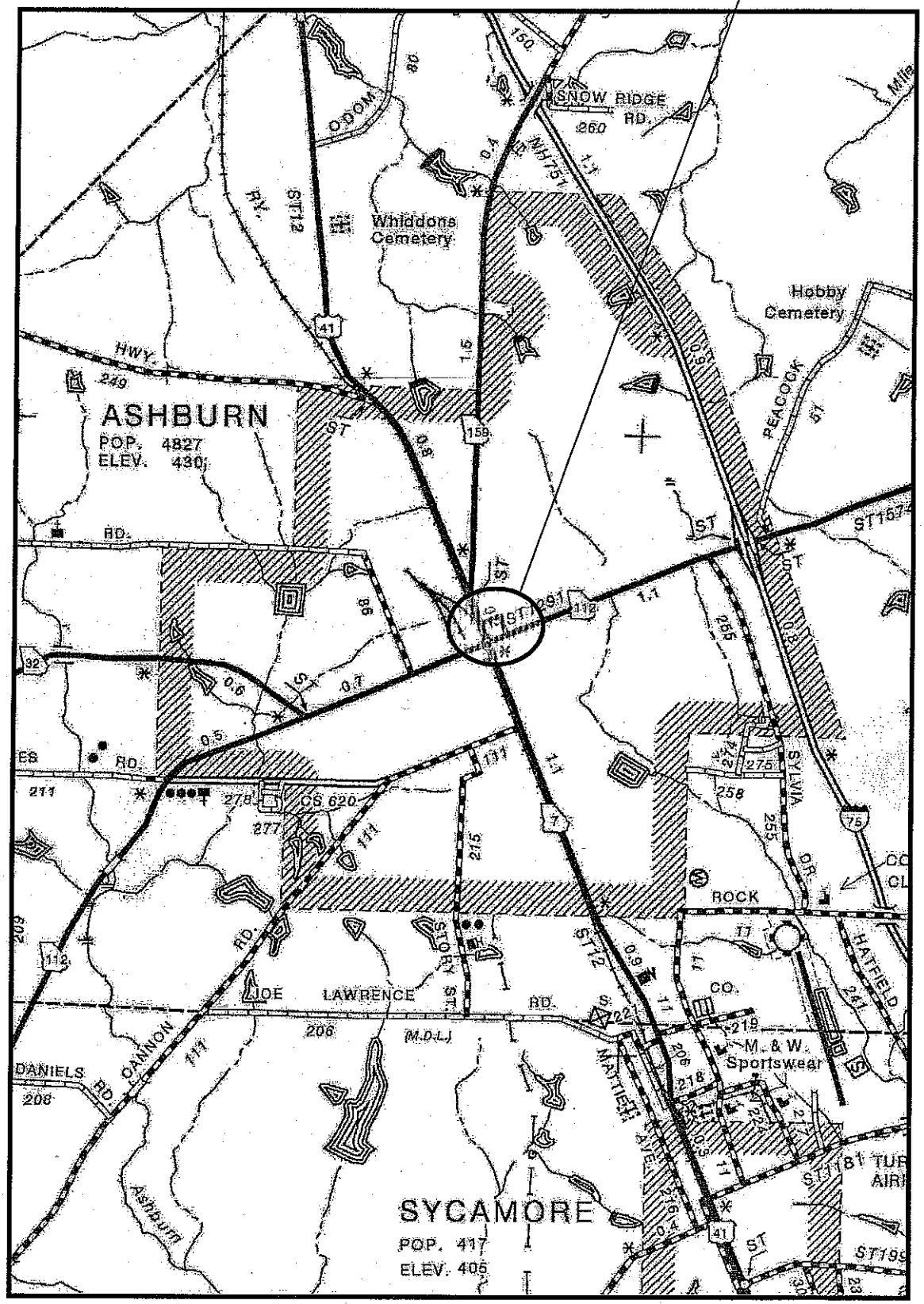
DATE: _____
Financial Management Administrator

DATE: _____
State Environmental/Location Engineer

DATE: _____
State Traffic Safety and Design Engineer

DATE: _____
Project Review Engineer

Project Concept Report Page: 2
Project Number: STP-M000-00(743)
P. I. Number: M000743
County: Turner



NEED AND PURPOSE

Project STP-M0000-00(743) consists of the comprehensive study of the existing drainage system, repair and improvement of the drainage system approaching and leaving the intersection of East College Avenue and State Route 7/ US 41 in the City of Ashburn. Drainage within this corridor is considered inadequate, restricting the amount of runoff intercepted by the drainage system. Many existing inlets have small apertures resulting in large amounts of bypass flow, several of the existing drainage pipes are not of sufficient size to pass the design flow without surcharging; and pipes within the existing drainage system are in disrepair.

This roadway is classified as a rural minor arterial. The existing roadway consists of 18-foot travel lanes with curb and gutter and sidewalks. The existing speed is 35 mph. The existing Average Daily Traffic (ADT) is 2,300. The projected ADT is expected to reach 2,450 in 2008 and 3,600 in the design year 2028. Truck traffic is estimated at 15%. Current Level of Service (LOS) is a B and projected LOS 2028 is a B. This roadway is not a part of the Statewide Bicycle and Pedestrian Plan.

This project is located in Census Tract 9702. According to the 2000 Census, tract 9702 has a minority population of 57.3%, while the county's minority population was 43.6%. In 1999, the poverty level for this tract was 24% and the county's poverty level was 28.7%. Land use in this tract is primarily commercial.

Replacement of the drainage pipes and improvement of the drainage system would help remedy the deficient drainage capacity, reducing the likelihood of flooding within the project corridor. As a secondary effect, implementation of the proposed project would also provide for safer travel for commuters and for the tenants of commercial establishments along the corridor through the reduction of standing water during heavy rainfalls.

Description of the project:

This project consists of the comprehensive study of the existing drainage system, repair and improvement of the drainage system approaching and leaving the intersection of East College Ave. and SR 7/US 41. This project is located in the City of Ashburn, Turner County, in the 2nd Land District, Land Lot No. 132 and Ga. Militia District 1624. The proposed project will be approximately 0.47 miles in length.

Is the project located in a Non-attainment area? ☐ **Yes** ☒ **No**

PDP Classification: Major ☐, Minor ☒
Federal Oversight: Full Oversight ☐, Exempt ☒, State Funded ☐, or Others ☐

Functional Classification: **Rural Minor Arterial**

U. S. Route Number(s): 41 **State Route Number(s):** 7

Traffic (AADT):

Current Year: (2008) 2450 Design Year: (2028) 3600

Existing Design Features:

- Typical Section: Urban - Two 18' lanes, curb & gutter, sidewalks
- Posted Speed 35 mph Maximum degree curvature None
- Maximum Grade: 1.5 %
- Width of right of way: 50 - 60 ft.
- Major structures: None
- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment. Project begins at ML 8.88 (SR 7) and extends east on College Ave. ML 0.61 to ML 0.55, south on Gordon St. ML 0.28 to ML 0.18, east on SR 112/Washington Ave. ML 8.04 to ML 8.16, and south on Johnson St. ML 0.53 to ML 0.34 for a total of 0.47 miles.

Proposed Design Features:

- Proposed typical section(s): No change to the existing typical section
- Proposed Design Speed Mainline 35 mph
- Proposed Maximum grade Mainline 1.5 % Maximum grade allowable 7 %
- Proposed Maximum grade Side Street 1.5 % Maximum grade allowable 7 %
- Proposed Maximum grade driveway 10 %
- Proposed Maximum degree of curve None Maximum degree allowable 16°00'
- Right off way
  - ⇒ Width No changes proposed to the Existing R/W
  - ⇒ Easements: Temporary ☒, Permanent ☒, Utility ☐, Others ☐
  - ⇒ Type of access control: Full ☐, Partial ☐, By Permit ☒, Others ☐
  - ⇒ Number of parcels 3 Number of displacements:
    - ⇒ Business: 0
    - ⇒ Residents: 0
    - ⇒ Mobile homes: 0
    - ⇒ Others: 0
- Structures:
  - ⇒ Bridges: None
  - ⇒ Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Traffic to be maintained via stage construction

- Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT:	☐	☐	☒
ROADWAY WIDTH:	☐	☐	☒
SHOULDER WIDTH:	☐	☐	☒
VERTICAL GRADES:	☐	☐	☒
CROSS SLOPES:	☐	☐	☒
STOPPING SITE DISTANCE:	☐	☐	☒
SUPERELEVATION RATES:	☐	☐	☒
HORIZONTAL CLEARANCE	☐	☐	☒
SPEED DESIGN:	☐	☐	☒
VERTICAL CLEARANCE:	☐	☐	☒
BRIDGE WIDTH:	☐	☐	☒
BRIDGE STRUCTURAL CAPACITY:	☐	☐	☒

- Design Variances: None anticipated.
- Environmental concerns: Stream Impacts
- Level of environmental analysis:
  - ⇒ Are Time Saving Procedures appropriate? Yes ☒, No ☐
  - ⇒ Categorical Exclusion: ☒
  - ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) ☐, or
  - ⇒ Environmental Impact Statement (EIS) ☐.
- Utility involvement: Georgia Power, Alltel of Georgia, Mediacom, City of Ashburn

Project responsibilities:

- ⇒ Design, GDOT
- ⇒ Right of Way Acquisition, City of Ashburn
- ⇒ Relocation of Utilities, Utility owners, City of Ashburn
- ⇒ Letting to contract, GDOT
- ⇒ Supervision of construction, GDOT
- ⇒ Providing material pits, n/a
- ⇒ Providing detours, n/a

Coordination:

- Initial Concept Meeting Date _____
- Concept Meeting Date February 21, 2003
- P. A. R. Meeting Date _____
- Public involvement: None
- Local government comments: See attached Meeting Minutes
- Other projects in area: STP-0002-00(371) Streetscape, STP-0005-00(927) Signal Up-grades
- Other coordination to date: None
- Railroads: None

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 6 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 2 Months.
- Time to complete the Section 404 Permit: 6 Months.
- Time to complete final construction plans: 4 Months.
- Time to complete to purchase right of way: 8 Months.
- List other major items that will affect the project schedule: None _____ Months.

Other alternates considered: 1) No build alternate. With this alternate, a drainage problem will continue to exist, possibly resulting in property damage and safety risk to motorist. Therefore this concept is recommending designing and constructing a new drainage system using the results from the Hydraulic Study.

Comments:

Attachments:

1. Cost Estimates:
    a) Construction
    b) Utilities
    c) Summary – Construction including E&C, Reimbursable Utilities, Right-of-Way
2. Accident summaries
3. Traffic Assignments
4. Minutes of Concept meeting
5. LGPA - City of Ashburn
6. Location and Design Notice
7. Preliminary Drainage Report (Jordon, Jones & Goulding)

ITEM	DESCRIPTION	UNITS	WT. AVG.	QUANTITY	COST
	ROADWAY				
150-1000	TRAFFIC CONTROL	LS	50000	LUMP	$50000.00
207-0203	FOUND BKFILL MATL, TP II	CY	33.845502911	527	$17836.58
210-0100	GRADING COMPLETE	LS	50000	LUMP	$50000.00
318-3000	AGGR SURF CRS	TN	16.043369495	100	$1604.34
402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	TN	36.670127813	50	$1833.51
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM	TN	35.844228311	300	$10753.27
413-1000	BITUM TACK COAT	GL	0.9086641410	150	$136.30
432-5010	MILL ASPH CONC PVMT, 1 1/2 IN DEPTH	SY	1.4930776311	3600	$5375.08
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	26.082987907	613	$15988.87
550-1240	STORM DRAIN PIPE, 24 IN, H 1-10	LF	30.246961153	102	$3085.19
550-1300	STORM DRAIN PIPE, 30 IN, H 1-10	LF	40.973698741	100	$4097.37
550-1360	STORM DRAIN PIPE, 36 IN, H 1-10	LF	47.710566767	120	$5725.27
550-1420	STORM DRAIN PIPE, 42 IN, H 1-10	LF	58.619916479	1860	$109033.04
550-1480	STORM DRAIN PIPE, 48 IN, H 1-10	LF	71.727655596	56	$4016.75
668-1100	CATCH BASIN, GP 1	EA	1651.1841365	15	$24767.76
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	LF	177.91408748	12	$2134.97
668-2200	DROP INLET, GP 2	EA	1820	7	$12740.00
668-2210	DROP INLET, GP 2, ADDL DEPTH	LF	195.12727272	25	$4878.18
668-4300	STORM SEWER MANHOLE, TP 1	EA	1669.0952702	12	$20029.14
668-4311	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF	247.03616666	8	$1976.29
668-4312	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 2	LF	392.41666666	36	$14127.00
			Section SUB TOTAL		$360138.91
	TEMPORARY EROSION CONTROL				
163-0230	TEMPORARY GRASSING	AC	27.378358809	1	$27.38
163-0240	MULCH	TN	215.73125329	15	$3235.97
163-0502	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 2	EA	1180	3	$3540.00
163-0530	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	LF	1.7913477813	165	$295.57
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	1.2898783955	740	$954.51
165-0070	MAINTENANCE OF BALED STRAW EROSION CHECK	LF	1.2526760478	90	$112.74
165-0086	MAINTENANCE OF SILT CONTROL GATE, TP 2	EA	155	3	$465.00
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	3.1883447217	1470	$4686.87
			Section SUB TOTAL		$13318.04
	PERMANENT EROSION CONTROL				
603-2182	STN DUMPED RIP RAP, TP 3, 24 IN	SY	31.717495250	95	$3013.16
603-7000	PLASTIC FILTER FABRIC	SY	2.6024824999	95	$247.24
700-6910	PERMANENT GRASSING	AC	900.39509940	1	$900.40
700-7000	AGRICULTURAL LIME	TN	51.636872975	2	$103.27
700-7010	LIQUID LIME	GL	24.692786324	3	$74.08
700-8000	FERTILIZER MIXED GRADE	TN	237.03712521	1	$237.04
700-8100	FERTILIZER NITROGEN CONTENT	LB	1.4655581381	100	$146.56
			Section SUB TOTAL		$4721.74
			Total Construction Cost		$378178.69

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE **STP-M000-00 (743) Turner**
P.I. M000743

OFFICE Tifton

DATE February 4, 2003

FROM Jerry A. Bruce, District Utilities Engineer

TO Jeff Baker, P.E. State Utilities Engineer
Attn: Scott Greene

SUBJECT UTILITY COST ESTIMATE

A field review of utilities located on the above referenced project has been conducted without a design concept. Listed below is a breakdown of reimbursable and non-reimbursable cost.

Georgia Power		
Reimbursable	=	$ 2,500.00
Non-Reimbursable	=	$ 57,500.00
Alltel of Georgia		
Non-Reimbursable	=	$ 21,917.00
Mediacom		
Non-Reimbursable	=	$ 11,417.00
City of Ashburn		
Non-Reimbursable	=	$ 225,916.00
TOTAL-Reimbursable	=	$ 2,500.00
Non-Reimbursable	=	$ 316,750.00

STP-M000-00(743) Turner County - ESTIMATE SUMMARY

RIGHT OF WAY			$ *	
REIMBURSABLE UTILITIES			$ *	
CONSTRUCTION				
ROADWAY			$ 360,138.91	
TEMPORARY EROSION CONTROL			$ 13,318.04	
PERMANENT EROSION CONTROL			$ 4,721.74	
			$	
			$	
SUBTOTAL CONSTRUCTION COST				**$ 378,178.69**
E & C (10%)				**$ 37,817.87**
INFLATION (5% PER YEAR)	NUMBER OF YEARS	1		**$ 20,799.83**
TOTAL CONSTRUCTION COST				**$ 436,796.39**
GRAND TOTAL PROJECT COST				**$ 436,796.39**

*** To be provided by City of Ashburn per LGPA.**

SR 7/US 41 @ College Ave.
ANALYSIS REPORT 1

Number of Records: 2

Accident #	Date	County	Rt Type	Route	Mile	Int Rt Type	Int Rt	Ramp	Inj	Fatal	Manner of Collision	LOC	First Harmful Event	Light	Surface	D1	D2	VM1	VM2
999990061530691	1996-06-10 17:33:00.0	Turner	State Route	000700	8.88	3	051001		0	0	Angle	On Roadway	Motor Vehicle in Motion	Daylight	Dry	N	E	05	05
999990072650573	1997-10-13 15:20:00.0	Turner	State Route	000700	8.88	3	051001		0	0	Sideswipe - Same Direction	On Roadway	Parked Motor Vehicle	Daylight	Dry	E	E	07	08
			Total Accidents: 2				Total Vehicles: 4				Total Injuries: 0				Total Fatalities: 0				

College Ave. from US 41 to Gordon St.
QUERY SUMMARY

Year	County	Route Type	Route Number	Beginning Milelog	Ending Milelog	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
1996	Turner	City Street	051001	0.55	0.61	0	0	0	0
					1996 SubTotal:	0	0	0	0
1997	Turner	City Street	051001	0.55	0.61	0	0	0	0
					1997 SubTotal:	0	0	0	0
1998	Turner	City Street	051001	0.55	0.61	0	0	0	0
					1998 SubTotal:	0	0	0	0
					All Year(s) Total:	0	0	0	0

Gordon St. from College Ave. to SR 112/Washington Ave.
ANALYSIS REPORT 1

Number of Records: 1

Accident #	Date	County	Rt Type	Route	Mile	Int Rt Type	Int Rt	Ramp	Inj	Fatal	Manner of Collision	LOC	First Harmful Event	Light	Surface	D1	D2	VM1	VM2
999990081470034	1998-05-21 14:30:00.0	Turner	City Street	054801	0.24				0	0	Sideswipe - Same Direction	On Roadway	Motor Vehicle in Motion	Daylight	Dry	S	S	11	08
			Total Accidents: 1				Total Vehicles: 2				Total Injuries: 0				Total Fatalities: 0				

SR 112/Washington Ave. from Gordon St. to Johnson St.
ANALYSIS REPORT 1

Number of Records: 12

Accident #	Date	County	Rt Type	Route	Mile	Int Rt Type	Int Rt	Ramp	Inj	Fatal	Manner of Collision	LOC	First Harmful Event	Light	Surface	D1	D2	VM1	VM2
999990060430012	1996-02-02 16:40:00.0	Turner	State Route	011200	8.04	3	054801		0	0	Angle	On Roadway	Motor Vehicle in Motion	Daylight	Wet	W	E	01	05
999990060430020	1996-02-19 02:57:00.0	Turner	State Route	011200	8.04	3	054801		2	0	Angle	On Roadway	Motor Vehicle in Motion	Daylight	Wet	S	E	05	05
999990060670071	1996-03-25 18:01:00.0	Turner	State Route	011200	8.04	3	054801		0	0	Sideswipe - Opposite Direction	On Roadway	Motor Vehicle in Motion	Daylight	Dry	N	N	03	07
999990062280926	1996-09-05 14:52:00.0	Turner	State Route	011200	8.04	3	054801		0	0	Rear End	On Roadway	Parked Motor Vehicle	Daylight	Dry	W	N	05	08
999990060670070	1996-03-22 16:51:00.0	Turner	State Route	011200	8.16	3	050301		0	0	Sideswipe - Opposite Direction	On Roadway	Parked Motor Vehicle	Daylight	Dry	S	N	07	08
999990070380028	1997-01-07 09:30:00.0	Turner	State Route	011200	8.04	3	054801		0	0	Angle	On Roadway	Motor Vehicle in Motion	Daylight	Wet	W	S	05	05
999990070410167	1997-02-21 09:32:00.0	Turner	State Route	011200	8.04	3	054801		0	0	Rear End	On Roadway	Parked Motor Vehicle	Daylight	Dry	N	N	07	08
999990072650577	1997-10-20 17:26:00.0	Turner	State Route	011200	8.04	3	054801		0	0	Angle	On Roadway	Motor Vehicle in Motion	Daylight	Dry	N	E	07	05
999990070410163	1997-02-12 08:11:00.0	Turner	State Route	011200	8.16	3	050301		1	0	Rear End	On Roadway	Motor Vehicle in Motion	Daylight	Dry	E	E	05	05
999990072320639	1997-09-02 09:46:00.0	Turner	State Route	011200	8.16	3	050301		0	0	Angle	On Roadway	Motor Vehicle in Motion	Daylight	Dry	S	W	07	05
999990081450395	1998-06-01 15:30:00.0	Turner	State Route	011200	8.04	3	054801		0	0	Angle	On Roadway	Parked Motor Vehicle	Daylight	Dry	S	S	11	08
999990081840913	1998-07-15 13:00:00.0	Turner	State Route	011200	8.16	3	050301		0	0	Sideswipe - Same Direction	On Roadway	Motor Vehicle in Motion	Daylight	Dry	W	W	06	05
			Total Accidents: 12				**Total Vehicles: 24**				**Total Injuries: 3**							**Total Fatalities: 0**	

Johnson St. from SR 112/Washington St. to Madison Ave.
ANALYSIS REPORT 1

Number of Records: 1

Accident #	Date	County	Rt Type	Route	Mile	Int Rt Type	Int Rt	Ramp	Inj	Fatal	Manner of Collision	LOC	First Harmful Event	Light	Surface	D1	D2	VM1	VM2
999990081770508	1998-05-27 13:45:00.0	Turner	City Street	050301	0.52				0	0	Not A Collision With A Motor Vehicle	On Shoulder	Curb	Daylight	Dry	S		05	
			Total Accidents: 1				**Total Vehicles: 1**				**Total Injuries: 0**				**Total Fatalities: 0**				

Department of Transportation
State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE STP-M000-00(743) Turner
P.I. M000743

OFFICE Environment/ Location

DATE November 12, 2002

FROM Harvey D. Keepler, State Environmental/ Location Engineer

TO David Crim, P.E., District Engineer, Tifton
Attn: Jeff Bridges

SUBJECT SR 7/US 41 @ CS 510/College Avenue

We are furnishing estimated traffic assignments for the above project as follows:

Existing 2002 ADT = 2300
2008 ADT = 2450
2028 ADT = 3600
K = 9%
D = 60%
T = 10%
24 HR T = 12%
S.U. = 5%
COMB. = 7%

If you have any questions concerning this information please contact Teresa Williamson at (404)699-4458.

HDK:TJW

STP-M000-00(743), Turner County
PI No. M000743
Drainage improvements in the City of Ashburn, GA

Minutes of Concept Meeting

A design concept meeting for the above project was held on Friday February 21st 2003 at the GDOT District 4 assembly room.

The meeting began at 10:00 am with a review of the draft concept report, and then the following items were discussed:

- Ben Clopper of Jordon Jones & Goulding furnished the environmental information. The level of Environmental Analysis will be a Categorical Exclusion with a USACOE 404 Nationwide 23 Permit. Involvements will include stream impacts, noise impacts, and construction/utilities impacts. There are no wetlands within the project limits. There are no underground storage tanks or hazardous waste tanks. There will be no involvement with historic sites. There are no archeological sites, endangered species, churches, or cemeteries within the project limits.
- Emory Giddens, Assistant District Utilities Engineer furnished the Utility Cost Estimate listing the Total Reimbursable cost of $2,500.00 and the Total Non-reimbursable cost of $316,750.00. He recommended that plans should be sent to all utility owners to mark their facilities and be included in the project plans. He also recommended that Special Condition be included in the project pertaining to the utility coordination between the contractor and the utility companies.
- Charlton Webb, City of Ashburn Utility Department advised of underground gas line crossings at College Ave., Washington Ave., and Johnson St. Ashburn Mayor Bob Hunnicutt, City Manager Jerry Grimes, and Mr. Webb agreed that Utility Coordination mentioned by Mr. Giddens needs to be included in the project. They also advised that the outfall pipe under Madison Ave. should not be up-sized as there is already flooding below Madison Ave. They advised that the City is checking into the possibility of a detention pond at northwest quadrant of Madison.
- Ronnie Hall, Area Engineer, stated that SR 112/Washington Ave. was resurfaced about 2 years ago. Considering the amount of time until the next proposed resurfacing, he recommends overlaying SR 112 after construction of the drainage system. He mentioned that the existing signal loops would be cut in several locations and need to be replaced.
- Danny Gay, District Access Manager recommended that signal loops be included in the project. He stated that the existing signal loops will be damaged from pipe installation at four of the intersections.
- Don Gaskins, District Planning & Programming Engineer furnished the scheduling estimate and will be incorporated in the concept report.

There was no other discussion and the meeting was adjourned at 11:00 am.

Jeff Bridges
GDOT Project Manager

SIGN IN SHEET

PROJECT NO.: STP-M000-00(743)
P. I. NO.: M000743
COUNTY: Turner
DATE: 2/21/2003
TIME: 10:00 am

NAME	AGENCY	PHONE NO.
Emory L. Giddens	D.O.T. Utilities	(229) 386-3288
JEFF BRIDGES	GDOT - D.O.E.	386 - 3618
E. SCOTT CARTER	DOT MAINT	386 - 3312
Ronnie E. Hall	DOT - Fitzgerald	426-5244
JERRY GRIMES	Ashburn	567-3431
CARLTON WEBB	"	" "
BOB HUNNICUTT	"	" "
DON GASKINS	DOT - D.P.E.	229-386-3045
JANICE WATSON	ALLTEL	229-423-8100
Danny Gay	DOT -T-ops	229-386-3435

Department of Transportation

J. TOM COLEMAN, JR.
COMMISSIONER
(404) 656-5206

FRANK L. DANCHETZ
CHIEF ENGINEER
(404) 656-5277

State of Georgia
#2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002

HAROLD E. LINNENKOHL
DEPUTY COMMISSIONER
(404) 656-5212

EARL L. MAHFUZ
TREASURER
(404) 656-5224

February 14, 2003

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, the City of ASHBURN agrees to provide or perform the following at no cost to the Georgia D.O.T. for project STP-M000-00(743) Turner Co., PI # M000743:
MISCELLANEOUS IMPROVEMENTS
SR 7 AT INTERSECTION OF E COLLEGE ST AND SR 7/US 41

[X] Provide all rights-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the rights-of-way.

[X] Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

[X] Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

[ ] Furnish detours, local borrow and waste pits as needed.

[ ] We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.

This _____ *day of* _____, *20*_____

APPROVED _____

City/County Official

NOTICE OF LOCATION AND DESIGN APPROVAL

STP-M000-00(743), Turner County
PI No. M000743

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 the above project.

The date of location approval is APRIL 9, 2003.

This project consists of the comprehensive study of the existing drainage system, repair and improvement of the drainage system approaching and leaving the intersection of East College Ave. and SR 7/US 41. This project is located in the City of Ashburn, Turner County, in the 2nd Land District, Land Lot No. 132 and Ga. Militia District 1624. The proposed project will be approximately 0.47 miles in length.

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:

Ronnie Hall, Area Engineer
231 Bowen's Mill Hwy
Fitzgerald, GA 31750
Ronnie.Hall@dot.state.ga.us
(229) 426-5244

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:

Jeff Bridges, District Design Engineer
Georgia Department of Transportation
PO Box 7510
Tifton, GA 31793
Jeff.Bridges@dot.state.ga.us
(229) 386-3300

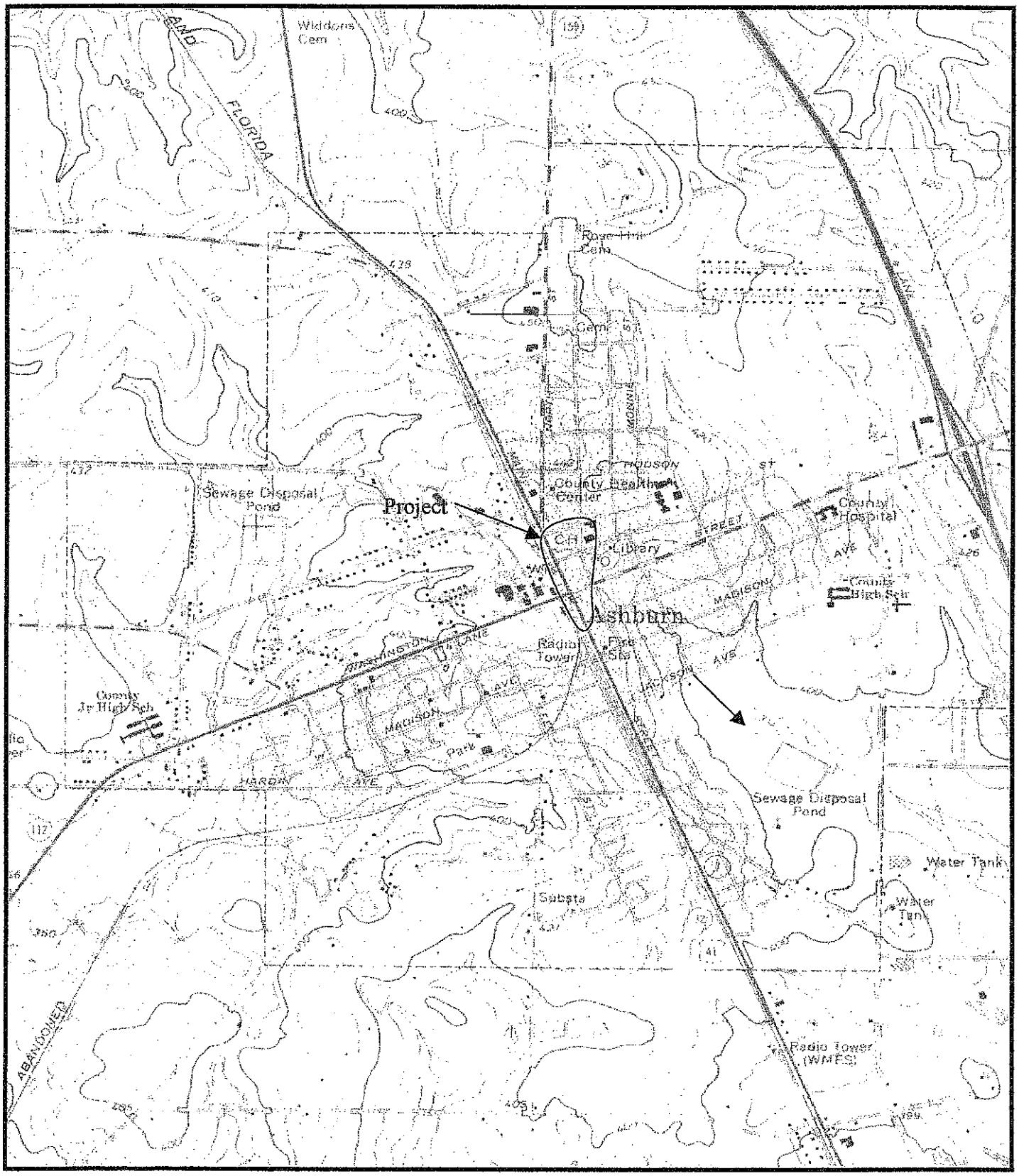
Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.

Preliminary Drainage Report
Georgia Department of Transportation
STP-M000-00(743)
Turner County
P.I. No.: M000743
SR 7 @ Intersection of E. College St. And SR 7/US 41

Jordan, Jones & Goulding
JJG Project No. 2077-814

August 13, 2001

Location Sketch
NTS



Existing Conditions

For the purpose of analyzing the existing system, a survey crew was sent out to delineate the existing drainage basin, locate existing drainage structures (tops, inverts and pipe sizes), and locate the existing outfall for the system. Upon conducting an extensive investigation of the surrounding area and completing a field survey, the intersection was evaluated to determine the cause of flooding. There are five primary reasons for the flooding caused at the intersection of SR 7/US 41 and East College Street in the City of Ashburn:

1. The drainage basin consists of approximately 10.352 acres.

2. A considerable amount of the drainage basin consists of impervious surfaces, i.e., pavements, sidewalks, parking lots, and buildings.

3. Many of the structures located in the basin are clogged with sediment and debris.

4. Many of the structures located in the basin are not suitable for collecting runoff efficiently.

5. The existing pipes in the system are deteriorating clay pipes that need to be replaced.

Proposed Recommendations

The existing system that drains the intersection of East College Street and SR7/US 41 is old and deteriorating. Any attempt to upgrade this system would only be a temporary solution. After evaluating the existing conditions at the intersection, one recommendation was identified to ease flooding in the area of concern. This recommendation calls for a new subsurface pipe network with additional catch basins and manholes that will outfall to a subsurface network along State Route 112. The subsurface network along SR 112 will also need to be upgraded to the outfall.

It is the recommendation of this report that the new subsurface drainage network be constructed under existing on-street parking located along East College Street, North Gordon Street and SR 112. (See Exhibit 200, Exhibit 100 and Exhibit 50). From the intersection of North Gordon Street and SR 112 the new drainage network should proceed east along SR 112 for one block to South Johnson Street. From there, south along South Johnson Street for one block, under East Monroe Avenue to the existing outfall ditch. At this point, two alternatives have been identified.

1. The existing outfall ditch may be improved and a new culvert installed under the intersection of South Johnson Street and East Madison Avenue.

2. A detention facility may be installed to reduce impacts further downstream.

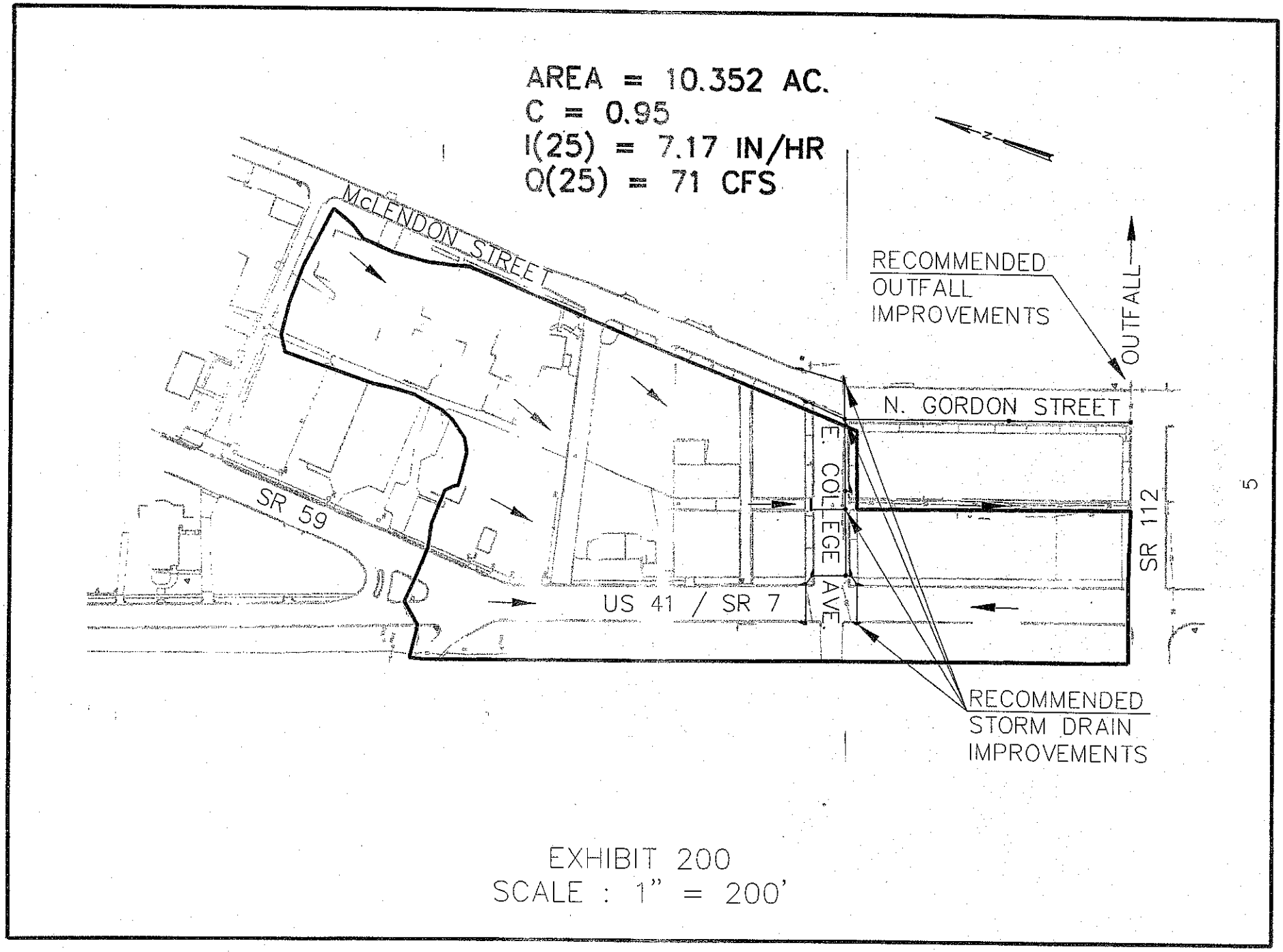


EXHIBIT 200
SCALE : 1" = 200'

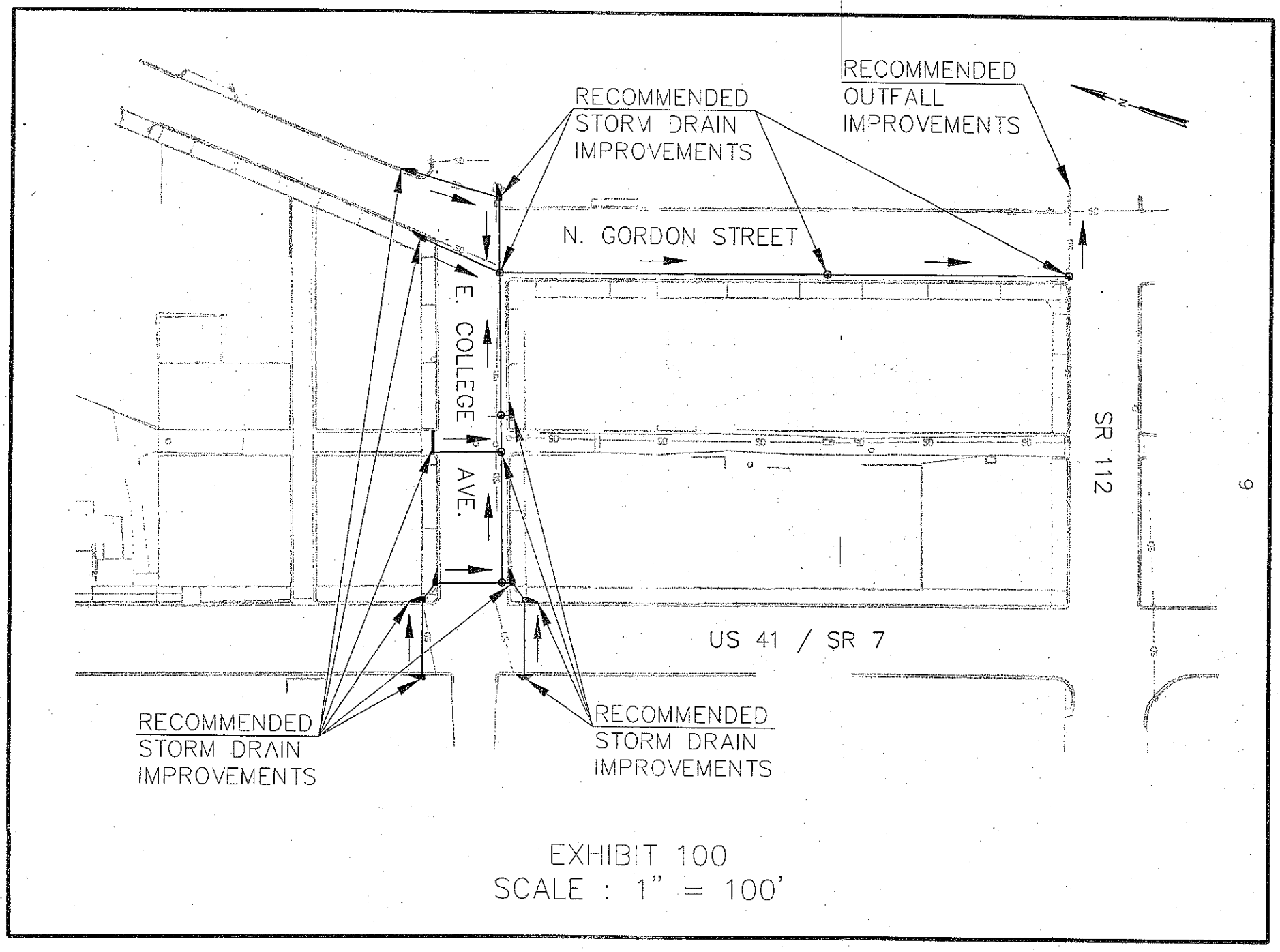


EXHIBIT 100
SCALE : 1" = 100'

26 February, 2003

State of Georgia
Department of Transportation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

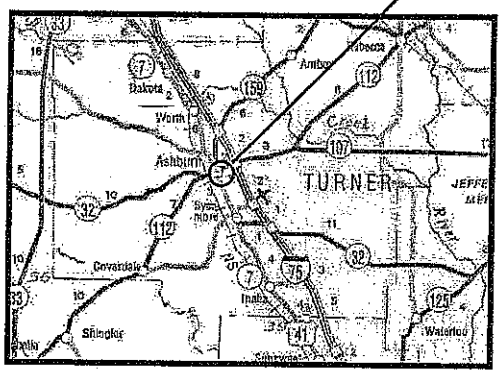
District 4 – Tifton, Ga.

Project Number: STP-M000-00(743)
County: Turner
P. I. Number: M000743

Project Concept Report

US Route Number: 41
State Route Number: 7

Project Location



Drainage Improvements: SR 7/US 41 @ E. College Ave. in the City of Ashburn

Recommended for approval:

DATE: 2/26/2003 _____ Project Manager

DATE: 2/27/2003 _____ District Engineer

This concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Improvement Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE: 03/04/03 _____ State Transportation Planning Administrator

DATE: _____ Financial Management Administrator

DATE: _____ State Environmental/Location Engineer

DATE: _____ State Traffic Safety and Design Engineer

DATE: _____ Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

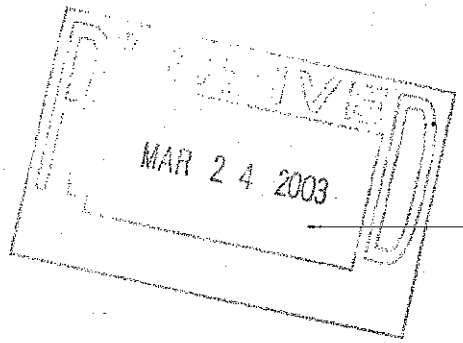
FILE: **P.I. No. M000743**

OFFICE: Environment/Location

DATE: March 19, 2003

FROM: Harvey D. Keepler, State Environmental/Location Engineer

TO: Meg Pirkle, Assistant Director of Preconstruction



SUBJECT: **PROJECT CONCEPT REPORT**
STP-M000-00(743) - TURNER COUNTY

The above subject concept report has been reviewed. CE Approved 11/21/02

If you have any questions, please contact me at (404) 699-4401.

HDK/rtt

Attachment

cc: David Mulling, P.E.
Jeff Bridges

26 February, 2003

State of Georgia
Department of Transportation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 4 – Tifton, Ga.

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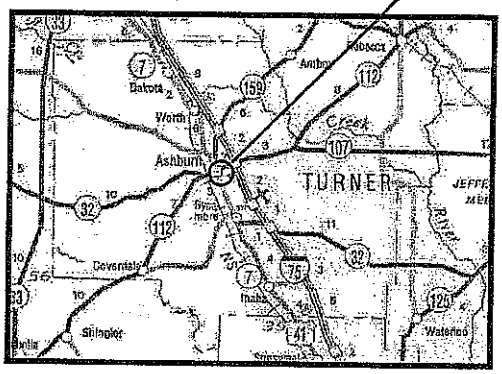

Drainage Improvements: SR 7/US 41 @ E. College Ave. in the City of Ashburn

Recommended for approval:

DATE: 2/26/2003 _____ Project Manager

DATE: 2/27/2003 _____ District Engineer

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DATE: _____ State Transportation Planning Administrator

DATE: _____ Financial Management Administrator

DATE: 3/13/03 _____ State Environmental/Location Engineer

DATE: _____ State Traffic Safety and Design Engineer

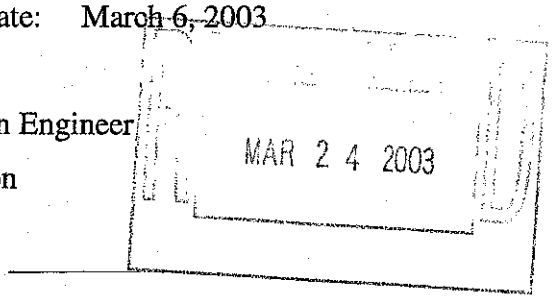
DATE: _____ Project Review Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: STP – M000-00 (743) / Turner County
P.I. No. M000743

Office: Traffic Safety & Design
Atlanta, Georgia
Date: March 6, 2003



From: PMA/sz Phillip M. Allen, State Traffic Safety and Design Engineer

To: Meg Pirkle, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the above referenced concept report for the proposed drainage improvements on US 41 / SR 7 @ E. College Ave. in Turner County.

The Office of Traffic Safety & Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/sz

Attachment (signature page)

Cc: Harvey Keepler, State Environment/Location Engineer
David Crim, District Engineer
Attention: Jeff Bridges, District Design Engineer
David Mulling, State Review Engineer, w/ attachment
Marta Rosen, State Transportation Planning Administrator
Chuck Hasty, TMC
General Files
Office Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 4 – Tifton, Ga.

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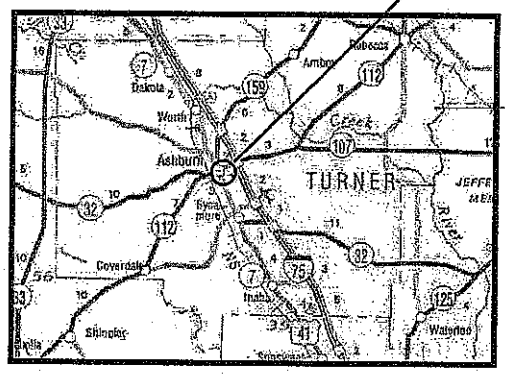

Drainage Improvements: SR 7/US 41 @ E. College Ave. in the City of Ashburn

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DATE: _____ Financial Management Administrator

DATE: _____ State Environmental/Location Engineer

DATE: 3/7/03 Phillip M. Allen State Traffic Safety and Design Engineer

DATE: _____ Project Review Engineer

26 February, 2003

State of Georgia
Department of Transportation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

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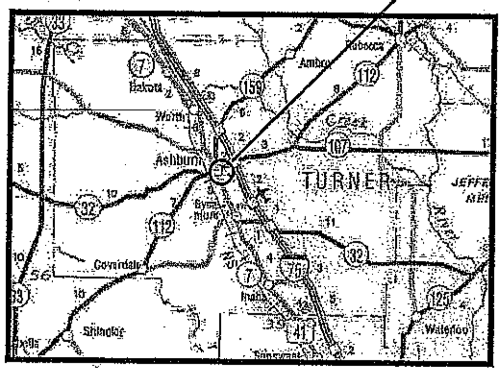

Drainage Improvements: SR 7/US 41 @ E. College Ave. in the City of Ashburn

Recommended for approval:

DATE: 2/26/2003 ______________________ Project Manager

DATE: 2/27/2003 ______________________ District Engineer

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DATE: ____________ ______________________ State Transportation Planning Administrator

DATE: ____________ ______________________ Financial Management Administrator

DATE: ____________ ______________________ State Environmental/Location Engineer

DATE: ____________ ______________________ State Traffic Safety and Design Engineer

DATE: 3/10/03 ______________________ Project Review Engineer

6 February, 2003

State of Georgia
Department of Transporta

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 4 – Tifton, Ga.

Project Number: STP-M000-00(743)
County: Turner
P. I. Number: M000743

Project Concept Report

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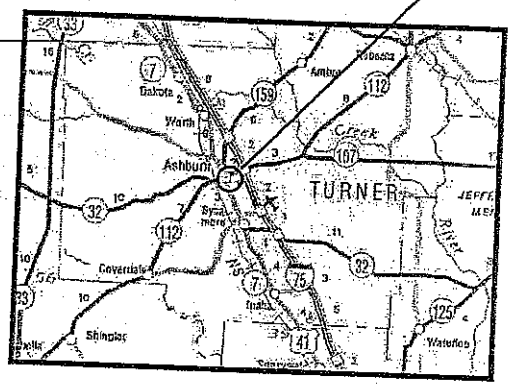

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Recommended for approval:

DATE: 2/26/2003 — Project Manager

DATE: 2/27/2003 — District Engineer

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DATE: _____ — State Transportation Planning Administrator

DATE: 3/28/03 — Financial Management Administrator

DATE: _____ — State Environmental/Location Engineer

DATE: _____ — State Traffic Safety and Design Engineer

DATE: _____ — Project Review Engineer