

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** EDS-545(54) Wilkes-Elbert Counties **OFFICE** Preconstruction  
P. I. No. 222264  
SR 17 Improvements **DATE** May 20, 2004  
**FROM** *Cypher Jank* Margaret E. Pirkle, P.E., Assistant Director of Preconstruction  
**TO** SEE DISTRIBUTION

**SUBJECT** REVISED PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

**DISTRIBUTION:**

David Mulling  
Harvey Keepler  
Jerry Hobbs  
Jamie Simpson  
Michael Henry  
Phillip Allen  
Joe Palladi (file copy)  
Brent Story  
Mike Thomas  
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE:** EDS-545(54) **OFFICE:** Environment/Location  
P.I. No.: 222264  
Wilkes & Elbert Counties **DATE:** April 21, 2004  
**FROM:** HDK/KET  
Harvey D. Keeper, State Environment/Location Engineer  
**TO:** Meg Pirkle, Assistant Director of Preconstruction  
**SUBJECT:** Revised Project Concept Report – SR17 Improvements, Wilkes & Elbert Co.

Attached is the original copy of the revised Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

In order to reduce social and environmental impacts around the community of Fortsonia, and to enhance continuity for project EDS-545(54) and adjacent project EDS-545(55), it is recommended that the typical section and speed design in the Fortsonia area be revised.

The revised concept as presented herein and submitted for approval is consistent with that which is included in the State Transportation Improvement Program (STIP).

**DATE:** 5-5-04 Joseph P. Talladieu  
State Transportation Planning Administrator

**RECEIVED**  
APR 28 2004  
**OFFICE OF PLANNING**

HDK/KET/drp  
Attachments

- Distribution:
- David Mulling, Project Review Engineer
  - Phillip Allen, Traffic Safety and Design Administrator
  - Joe Palladi, State Transportation Planning Administrator
  - Jamie Simpson, Financial Management Administrator
  - Brent Story, State Consultant Design Engineer
  - Michael L. Thomas, Tennille District Engineer
  - Todd Long, Gainesville District Engineer
  - Paul Liles, State Bridge Design Engineer

# REVISED PROJECT CONCEPT REPORT

## EDS-545(54) – WILKES/ELBERT CO.

**Need and Purpose:** The SR 17 Improvements are part of the Governor's Road Improvement Program (G.R.I.P.) and involves the multi-laning of this primary north-south corridor in east Georgia, serving as a catalyst for the development of this region. The improvements will aid in the economic development of sparsely populated rural areas and small towns along this route. Traffic carrying capacity will be increased and safety and operational characteristics along this segment will be improved.

**Project Location:** The proposed concept would be located along SR 17 beginning at mile post 26.3 in Wilkes County and ending at mile post 3.6 in Elbert County. The total length of the project is approximately 6.3 miles.

**Description of Approved Concept:** The approved concept for project EDS-545(54) provides for improvements to SR 17 to have four 12-foot lanes with a 44-foot depressed grassed median rural section for the entire project length. The project would begin approximately 300 feet south of CR 114/Boyd Road and would end approximately 0.6 miles north of CR 50/Sam Tate Road. A short bypass on new location, west of Fortsonia, from CR 35/Old Washington Highway to approximately 0.5 miles north of CR 50/Sam Tate Road is proposed to avoid impacts to eligible historic resources in Fortsonia. The proposed right-of-way would vary from 210 feet to 250 feet. New bridges would be constructed parallel to the existing bridges over Broad River and Broad River Overflow to accommodate the new lanes. Access for project EDS-545(54) would be regulated by permit along the existing roadway and partially limited along the portion on new location. The existing roadway would remain open to traffic during construction. Project EDS-545(54) has a proposed length of approximately 6.3 miles and speed design of 65 mph.

**PDP Classification:** Major/Construction on existing and new location

Full Oversight ( ), Exempt ( X ), SF ( ), Other ( )

**Functional Classification:** Rural Principal Arterial

U.S. Route Number(s): N/A

State Route Number(s): 17

**Traffic (AADT) as shown in the approved concept:**

Current Traffic		Design Traffic	
Year: 2006	AADT: 7,800	Year: 2026	AADT: 13,500

**Proposed Features to be Revised:**

- **Typical Section:** In order to reduce social and environmental impacts around the community of Fortsonia, it is recommended that the typical section be revised.
- **Speed Design:** To enhance continuity for the typical section approved for the adjacent project EDS-545(55), it is recommended that the speed design be revised.

**Describe Revisions to be Approved:**

- The typical section around the community of Forstonia, from approximately CR 35/OldWashington Highway to the northern terminus of the project, would be revised to four 12-foot lanes with a 14-foot flush median rural section. This would tie directly into the same typical section that is approved for EDS-545(55) that leads into Elberton.
- The speed design for the newly proposed typical section around Fortsonia would be reduced to 55 mph to insure continuity with EDS-545(55), and for the entire length of the reduced median typical section. It is recommended that a design exception be requested during the design phase that would allow posting the speed limit at 55 mph for this section of roadway.

**Updated Traffic Data (AADT):**

Current Traffic		Design Traffic	
Year: 2006	AADT: 7,800	Year: 2026	AADT: 13,500

**Programmed/Schedule:**

P.E.: Sept. 2001                      R/W: 2010                      Construction: LR

**Revised Cost Estimates:**

Construction cost including inflation and E&C:	\$ 17,211,000
Right-of-Way:	\$ 3,742,500
Utilities <sup>1</sup> :	\$ 161,166

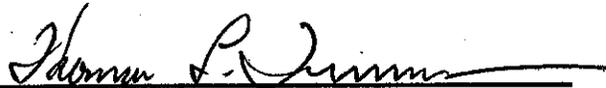
Is the project located in a Non-attainment area?                 Yes        X   No

**Recommendation:** It is recommended that the proposed revisions to this concept be approved for implementation.

HDK/KET/drp

Attachments: Strip Map  
Typical Sections  
Construction Cost Estimate

Concur:



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

Approve:



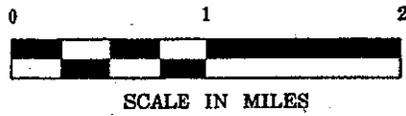
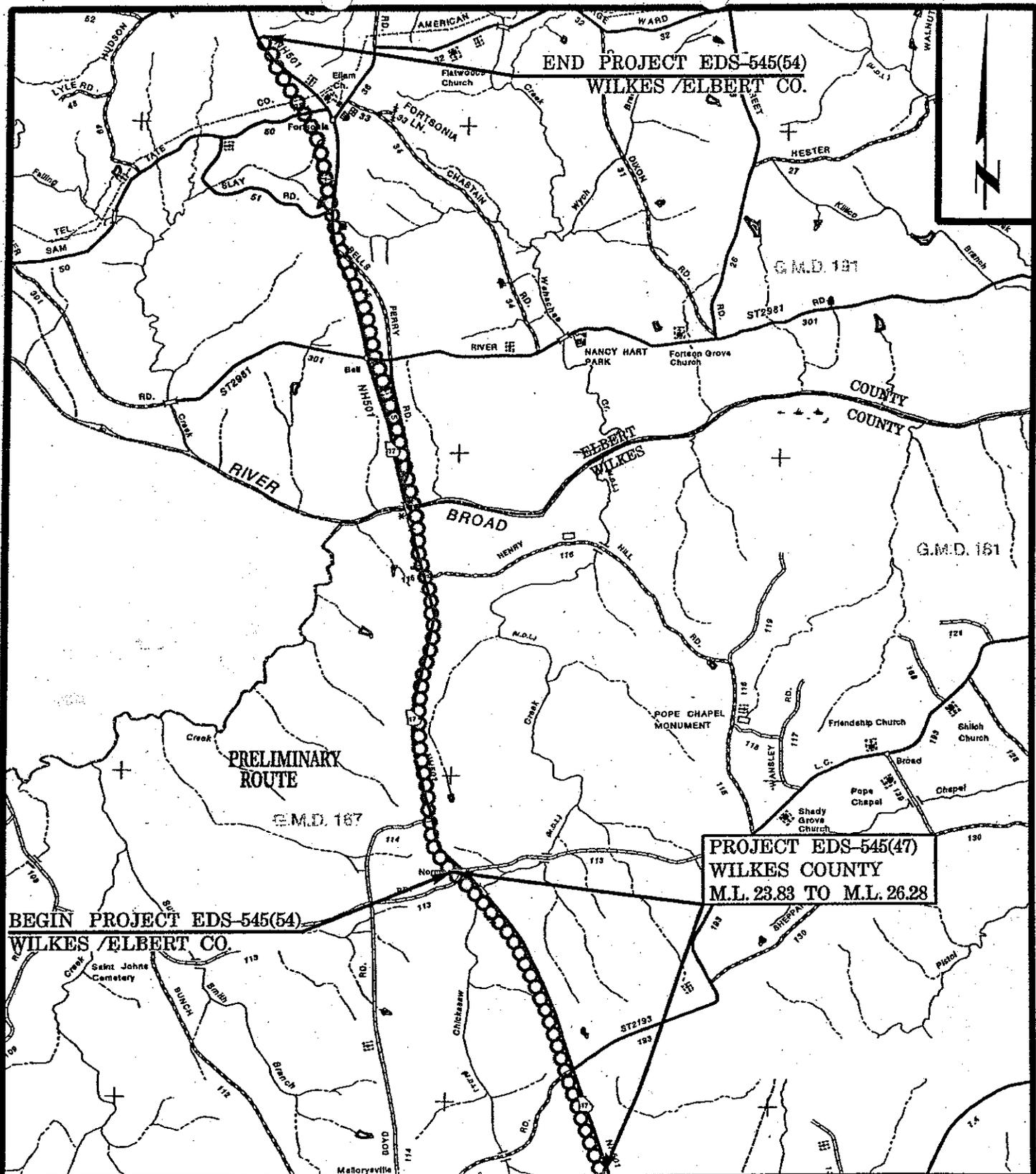
Paul Mullins, P.E.  
Chief Engineer

<sup>1</sup> According to TPro: "LGPA: REQ WILKES & ELBERT DO UTILITIES 4-1-96."

END PROJECT EDS-545(54)  
WILKES /ELBERT CO.

PROJECT EDS-545(47)  
WILKES COUNTY  
M.L. 23.83 TO M.L. 26.28

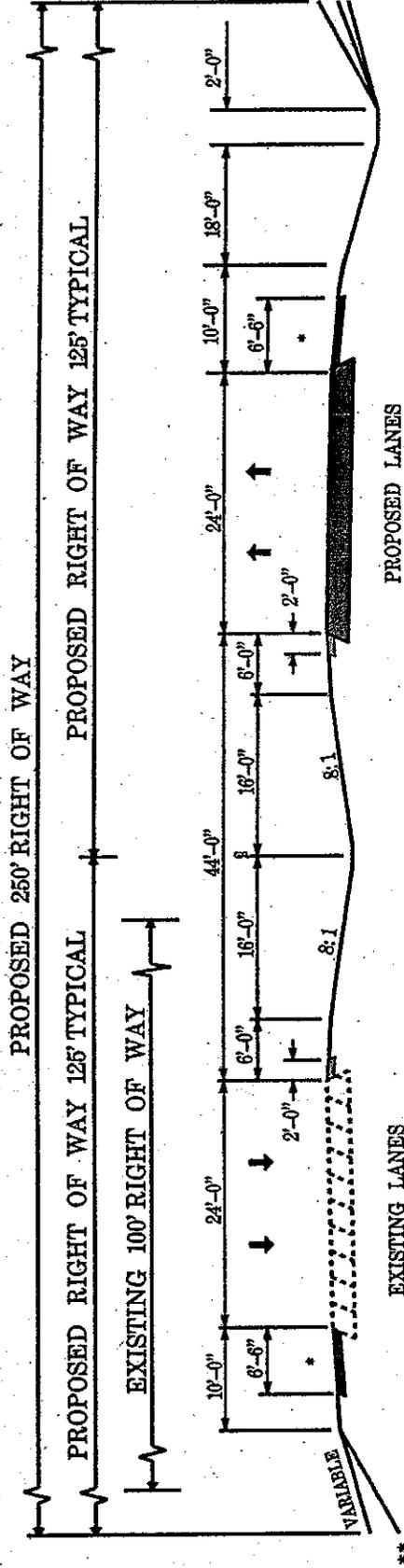
BEGIN PROJECT EDS-545(54)  
WILKES /ELBERT CO.



STRIPMAP  
EDS-545(47)(54)  
SR 17 IMPROVEMENTS  
WILKES /ELBERT COUNTY  
P.I.# 221740, 222264

SOURCE: GENERAL HIGHWAY MAP, WILKES /ELBERT CO., GEORGIA  
PREPARED BY THE GEORGIA DEPARTMENT OF TRANSPORTATION, 1993, 1998.

**GRIP TYPICAL SECTION**  
**44 FOOT DEPRESSED MEDIAN RURAL SECTION**  
 65 mph Speed Design



\* Bike shoulder  
 \*\* Guardrail Required when steeper than 4:1

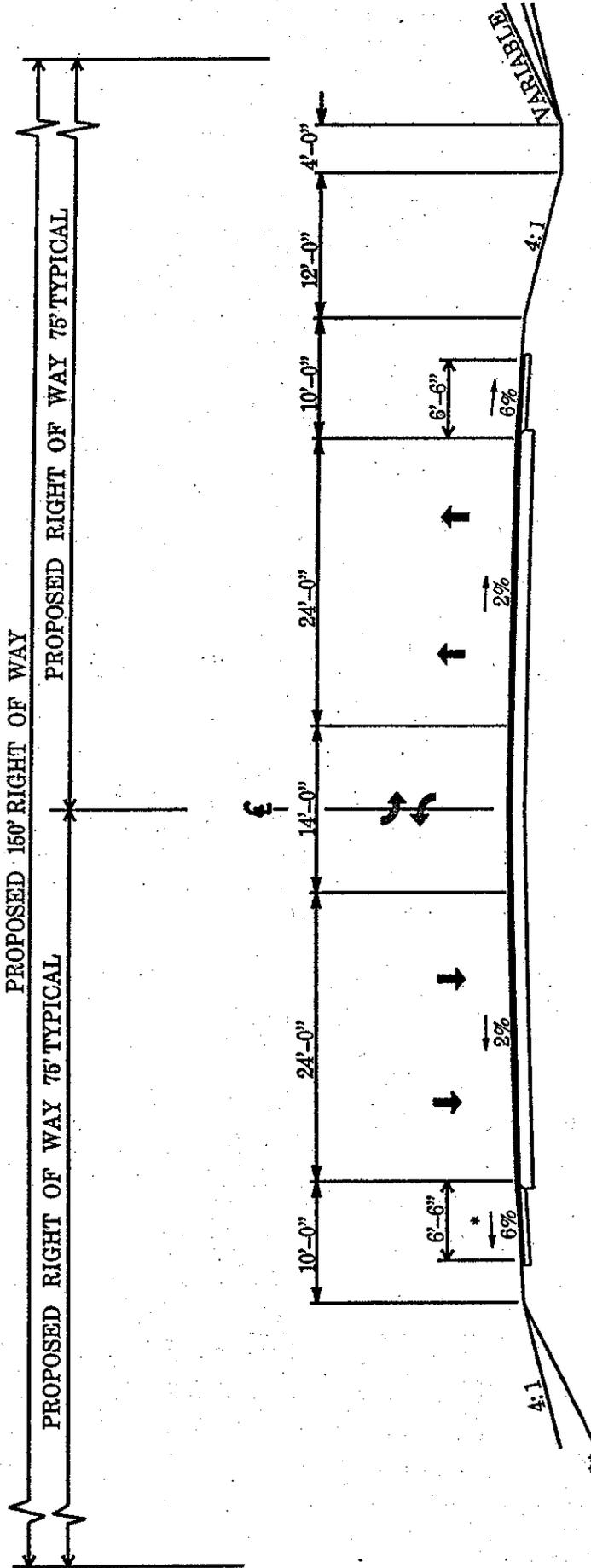
**SR 17 IMPROVEMENTS**  
**EDS-545(54) - WILKESELBERT COUNTIES**  
 PI 222264  
**HOLDING EDGE OF PAYMENT**

FROM CR 114BOYD RD TO CR 35OLD WASHINGTON HWY

**NOT TO SCALE**

# 14 FOOT FLUSH MEDIAN RURAL SECTION

## 55 mph Speed Design



\* Bike shoulder

\*\* Guardrail Required when steeper than 4:1

SR 17 IMPROVEMENTS  
EDS-545(54) - WILKESELBERT COUNTY  
PI 222264  
NEW LOCATION

FORTSONIA BYPASS - FROM CR 350LD WASHINGTON HIGHWAY TO END OF PROJECT

NOT TO SCALE

# CONCEPT COST ESTIMATE

Office of Environment/Location

April 21, 2004 10:32 AM

County(s)

PI Number  Project Number

Project Name  Project Length  Miles

### Project Description

### Existing Roadway

### Comments

### TRAFFIC:

Current Design Year  Daily Volume (AADT)

Future Design Year  Daily Volume (AADT)

Concept Estimate

Feasibility Estimate

### Typical Section(s) Used in Estimate

### Typical Section Length

<input type="text"/>	<input type="text"/> Miles

Prepared By

**MAJOR STRUCTURES***Note! All distances are in feet***Bridges: Stream Crossings & Grade Separations**

NO	LOCATION	QTY	CROSSING TYPE	WIDTH	LENGTH	UNIT COST	TOTAL
1	Broad River Overflow - New	1	Stream-New	42.30	250.0	54.00	571,000
2	Broad River - New	1	Stream-New	42.30	775.0	54.00	1,770,000
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

**Bridge Culverts**

NO	LOCATION	TYPE / W x H / FILL	LENGTH	UNIT COST	TOTAL
1					
2					
3					
4					
5					
6					
7					
8					

**Walls**

NO	LOCATION	TYPE	HEIGHT	LENGTH	UNIT COST	TOTAL
1						
2						
3						
4						
5						
6						

MAJOR STRUCTURES SUBTOTAL \$ 2,341,000

**Typical Section**

Rural New Location: 4-Lanes with 14 ft Flush Median

Typical Section Length  Miles

Right-of-Way Width  Feet

**GRADING AND DRAINAGE**

- 1. EARTHWORK
  - a. Unclassified Excavation Soil
  - b. Unclassified Excavation Rock
  - c. Borrow Excavation
- 2. MINOR DRAINAGE

QUANTITY	UNIT COST	TOTAL
36,300 CY	6.90	250,000
13,500 CY	18.65	252,000
1.70 MI	77,887	132,000
<b>GRADING AND DRAINAGE SUBTOTAL</b>		<b>\$634,000</b>

**BASE AND PAVING**

- 1. GRADED AGGREGATE BASE
- 2. ASPHALT PAVING
  - a. Asph Conc 9.5 mm Superpave
  - b. Asph Conc 19 mm Superpave
  - c. Asph Conc 25 mm Superpave
  - d. Bituminous Tack Coat
- 3. CONCRETE PAVING
  - a. Curb and Gutter
  - b. Miscellaneous
- 4. OTHER PAVING

THICKNESS and SPREAD RATE	QUANTITY	UNIT COST	TOTAL
10"	42,065 TN	13.79	580,000
1 1/2" (165 LB/SY)	6,171 TN	39.68	245,000
3" (330 LB/SY)	12,464 TN	38.06	474,000
4" (440 LB/SY)	13,995 TN	35.70	500,000
	8,680 GL	0.93	8,000
	1.70 MI	41,915	71,000
<b>BASE AND PAVING SUBTOTAL</b>			<b>\$2,066,000</b>

**LUMP ITEMS**

- 1. TRAFFIC CONTROL
- 2. CLEARING AND GRUBBING
- 3. EROSION CONTROL
- 4. SIGNING & MARKING
- 5. MISCELLANEOUS

QUANTITY	UNIT COST	TOTAL
1.70 MI	27,630	47,000
30.91 AC	6,000	185,000
1.70 MI	148,199	252,000
1.70 MI	33,415	57,000
1.70 MI	77,408	132,000
<b>LUMP ITEM SUBTOTAL</b>		<b>\$673,000</b>

**MISCELLANEOUS PROJECT ITEMS**

- 1. GUARDRAIL
- 2. GUARDRAIL ANCHORS
- 3. DETOURS
- 4. SPECIAL FEATURES

QUANTITY	UNIT COST	TOTAL
1,920 LF	10.75	21,000
16 EA	443.22	7,000
	MI	412,031
<b>MISCELLANEOUS SUBTOTAL</b>		<b>\$28,000</b>

**Typical Section**

Rural Widening: 2 To 4-Lanes with 44 ft Divided Median

Typical Section Length 4.60 Miles

Right-of-Way Width 250 Feet

**GRADING AND DRAINAGE**

- 1. EARTHWORK
  - a. Unclassified Excavation Soil
  - b. Unclassified Excavation Rock
  - c. Borrow Excavation
- 2. MINOR DRAINAGE

QUANTITY	UNIT COST	TOTAL
98,200 CY	6.90	678,000
36,500 CY	18.65	681,000
4.60 MI	110,969	189,000
<b>GRADING AND DRAINAGE SUBTOTAL</b>		<b>\$1,548,000</b>

**BASE AND PAVING**

- 1. GRADED AGGREGATE BASE
- 2. ASPHALT PAVING
  - a. Asph Conc 9.5 mm Superpave
  - b. Asph Conc 19 mm Superpave
  - c. Asph Conc 25 mm Superpave
  - d. Bituminous Tack Coat
- 3. CONCRETE PAVING
  - a. Curb and Gutter
  - b. Miscellaneous
- 4. OTHER PAVING

THICKNESS and SPREAD RATE	QUANTITY	UNIT COST	TOTAL
10"	59,579 TN	13.79	822,000
1 1/2" (165 LB/SY)	14,472 TN	39.68	574,000
3" (330 LB/SY)	18,385 TN	38.06	700,000
4" (440 LB/SY)	21,358 TN	35.70	762,000
	14,421 GL	0.93	13,000
	4.60 MI	29,091	134,000
			301,000
<b>BASE AND PAVING SUBTOTAL</b>			<b>\$3,306,000</b>

**LUMP ITEMS**

- 1. TRAFFIC CONTROL
- 2. CLEARING AND GRUBBING
- 3. EROSION CONTROL
- 4. SIGNING & MARKING
- 5. MISCELLANEOUS

QUANTITY	UNIT COST	TOTAL
4.60 MI	88,000	405,000
139.39 AC	6,000	836,000
4.60 MI	165,967	763,000
4.60 MI	22,072	102,000
4.60 MI	132,213	608,000
<b>LUMP ITEM SUBTOTAL</b>		<b>\$2,714,000</b>

**Typical Section**

Rural New Location: 2-Lanes with 24 ft Pavement

Typical Section Length  MilesRight-of-Way Width  Feet**GRADING AND DRAINAGE****1. EARTHWORK**

- a. Unclassified Excavation Soil
- b. Unclassified Excavation Rock
- c. Borrow Excavation

**2. MINOR DRAINAGE**

QUANTITY	UNIT COST	TOTAL
6,500 CY	6.90	45,000
2,500 CY	18.65	47,000
0.90 MI	35,256	60,000
<b>GRADING AND DRAINAGE SUBTOTAL</b>		<b>\$152,000</b>

**BASE AND PAVING****1. GRADED AGGREGATE BASE****2. ASPHALT PAVING**

- a. Asph Conc 9.5 mm Superpave
- b. Asph Conc 19 mm Superpave
- c. Asph Conc 25 mm Superpave
- d. Bituminous Tack Coat

**3. CONCRETE PAVING**

- a. Curb and Gutter
- b. Miscellaneous

**4. OTHER PAVING**

THICKNESS and SPREAD RATE	QUANTITY	UNIT COST	TOTAL
10"	9,883 TN	13.79	136,000
1 1/2" (165 LB/SY)	1,612 TN	39.68	64,000
3" (330 LB/SY)	3,249 TN	38.06	124,000
4" (440 LB/SY)	2,868 TN	35.70	102,000
	2,056 GL	0.93	2,000
	0.90 MI	16,225	15,000
			44,000
<b>BASE AND PAVING SUBTOTAL</b>			<b>\$487,000</b>

**LUMP ITEMS**

- 1. TRAFFIC CONTROL
- 2. CLEARING AND GRUBBING
- 3. EROSION CONTROL
- 4. SIGNING & MARKING
- 5. MISCELLANEOUS

QUANTITY	UNIT COST	TOTAL
0.90 MI	10,696	10,000
10.91 AC	6,000	65,000
0.90 MI	148,199	133,000
0.90 MI	8,776	8,000
0.90 MI	29,965	27,000
<b>LUMP ITEM SUBTOTAL</b>		<b>\$243,000</b>

## ESTIMATE SUMMARY

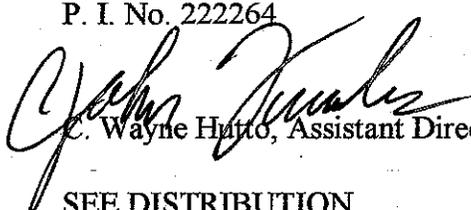
TYPICAL SECTION	COST (per mile)
1. Rural New Location: 4-Lanes with 14 ft Flush Median	\$ 1,984,000
2. Rural Widening: 2 To 4-Lanes with 44 ft Divided Median	\$ 1,645,000
3. Rural New Location: 2-Lanes with 24 ft Pavement	\$ 980,000
<b>PROJECT COST</b>	
A. MAJOR STRUCTURES	\$ 2,341,000
B. GRADING AND DRAINAGE	\$ 2,334,000
C. BASE AND PAVING	\$ 5,859,000
D. LUMP ITEMS	\$ 3,630,000
E. MISCELLANEOUS	\$ 28,000
<b>SUBTOTAL CONSTRUCTION COST</b>	<b>\$ 14,192,000</b>
<b>ENGINEERING &amp; CONTINGENCIES (10%)</b>	<b>\$ 1,419,000</b>
<b>INFLATION</b> <u>2</u> yr(s) @ <u>5</u> % per yr	<b>\$ 1,600,000</b>
<b>GRAND TOTAL CONSTRUCTION COST</b>	<b>\$ 17,211,000</b>

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** EDS-545(54) Wilkes-Elbert Counties **OFFICE** Preconstruction  
P. I. No. 222264  
**DATE** June 7, 2002  
**FROM**  C. Wayne Hutto, Assistant Director of Preconstruction  
**TO** SEE DISTRIBUTION

**SUBJECT** REVISED PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

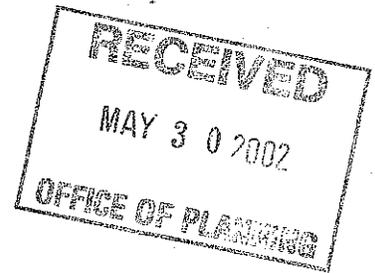
CWH/cj

Attachment

**DISTRIBUTION:**

David Mulling  
Harvey Keeper  
Jerry Hobbs  
Herman Griffin  
Michael Henry  
Phillip Allen  
Marta Rosen  
Ben Buchan  
Mike Thomas  
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
INTERDEPARTMENT CORRESPONDENCE



**FILE:** EDS-545(54) **OFFICE:** Environment/Location  
P.I. No.: 222264  
Wilkes & Elbert Counties **DATE:** May 17, 2002

**FROM:** *Harvey D. Keepler/Key*  
Harvey D. Keepler, State Environment/Location Engineer

**TO:** Wayne Hutto, Assistant Director of Preconstruction

**SUBJECT:** Revised Project Concept Report – S.R. 17 Improvements, Wilkes & Elbert Co.

Attached is the original copy of the revised concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

In order to reflect proposed changes to the speed design and alignment, it is recommended that the concept for project EDS-545(54) be revised.

The revised concept as presented herein and submitted for approval is consistent with that which is included in the State Transportation Improvement Program (STIP).

DATE: 5/23/02

*Marta Rosen*  
State Transportation Planning Administrator

HDK/KET/drp

Attachments

Distribution:

**David Mulling**, Project Review Engineer  
**Phillip Allen**, Traffic Safety and Design Engineer  
**Marta Rosen**, State Transportation Planning Administrator  
**Herman Griffin**, Financial Management Administrator  
**Ben Buchan**, State Consultant Design Engineer  
**Mike Thomas**, Tennille District Engineer  
**Larry Dent**, Gainesville District Engineer

05/17/02

# REVISED PROJECT CONCEPT REPORT

## EDS-545(54) – WILKES/ELBERT CO.

**Need and Purpose:** The SR 17 Improvements are part of the Governor's Road Improvement Program (G.R.I.P.) and involves the multi-laning of this primary north-south corridor in east Georgia, serving as a catalyst for the development of this region. The improvements will aid in the economic development of sparsely populated rural areas and small towns along this route. Traffic carrying capacity will be increased and safety and operational characteristics along this segment will be improved.

**Project Location:** The proposed concept would be located along SR 17 beginning at mile post 26.3 in Wilkes County and ending at mile post 3.6 in Elbert County. The total length of the project is approximately 6.3 miles.

**Description of Approved Concept:**<sup>1</sup> The approved concept for project EDS-545(54) provides for the construction of four 12-foot lanes with a 44-foot depressed grassed median for the entire project length. Project EDS-545(54) would begin approximately 300 feet south of Boyd Road and would end approximately 0.6 miles north of CR 50/Sam Tate Road. A short bypass on new location, west of Fortsonia, from CR 35 to 0.5 miles north of CR 50/Sam Tate Road is proposed to avoid historical impacts. The proposed right-of-way varies from 210 feet to 250 feet. Parallel 38 foot wide bridges would be constructed over Broad River and Broad River Overflow to accommodate the new lanes. Access for project EDS-545(54) would be regulated by permit along the existing roadway and partial limited along the portion on new location. The existing roadway would remain open to traffic during construction. Project EDS-545(54) has a proposed length of approximately 6.3 miles and speed design of 55 mph

**PDP Classification:** Major/Construction on existing and new location

Full Oversight ( ), Exempt ( X ), SF ( ), Other ( )

**Functional Classification:** Rural Principal Arterial

U.S. Route Number(s): N/A

State Route Number(s): 17

**Traffic (AADT) as shown in the approved concept:**

Current Traffic		Design Traffic	
Year: 1998	AADT: 7,800	Year: 2018	AADT: 13,550

**Proposed Features to be Revised:**

- **Speed Design:** In order to remain consistent with the Department policy for GRIP Corridor roadways, the speed design is recommended for revision.
- **Alignment:** To avoid impacts to a new found cemetery, located on the east side of SR 17 just north of CR 114/Boyd Road, the proposed alignment is recommended for revision.

<sup>1</sup> Project EDS-545(54) was originally part of the approved Concept Report for EDS-545(38), which was recommended to be split into three separate projects. See attached letter from Commissioner Shackelford and strip map from previously approved Concept Report dated January, 1995 wherein EDS-545(54) is referred to as "PART 2"

**Describe Revisions to be Approved:**

- The speed design would be revised to 65 mph.
- The alignment for the proposed improvements to SR 17 at CR/114/Boyd Road would be shifted slightly to the east to avoid impacting the new found cemetery with off-side shoulder improvements. Additionally, CR 114/Boyd Road would be relocated to intersect SR 17 approximately 150 feet further south to avoid impacts to the cemetery.

**Updated Traffic Data (AADT):**

Current Traffic		Design Traffic	
Year: 2006	AADT: 7,800	Year: 2026	AADT: 13,500

**Programmed/Schedule:**

P.E.: Sept. 2001                      R/W: 2004                      Construction: 2005

**Revised Cost Estimates:**

Construction cost including inflation and E&C:	\$ 20,171,000
Right-of-Way:	\$ 3,742,500
Utilities <sup>2</sup> :	Utilities Est. Requested 05/15/02

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

**Recommendation:** It is recommended that the proposed revision to this concept be approved for implementation.

HDK/KET/drp

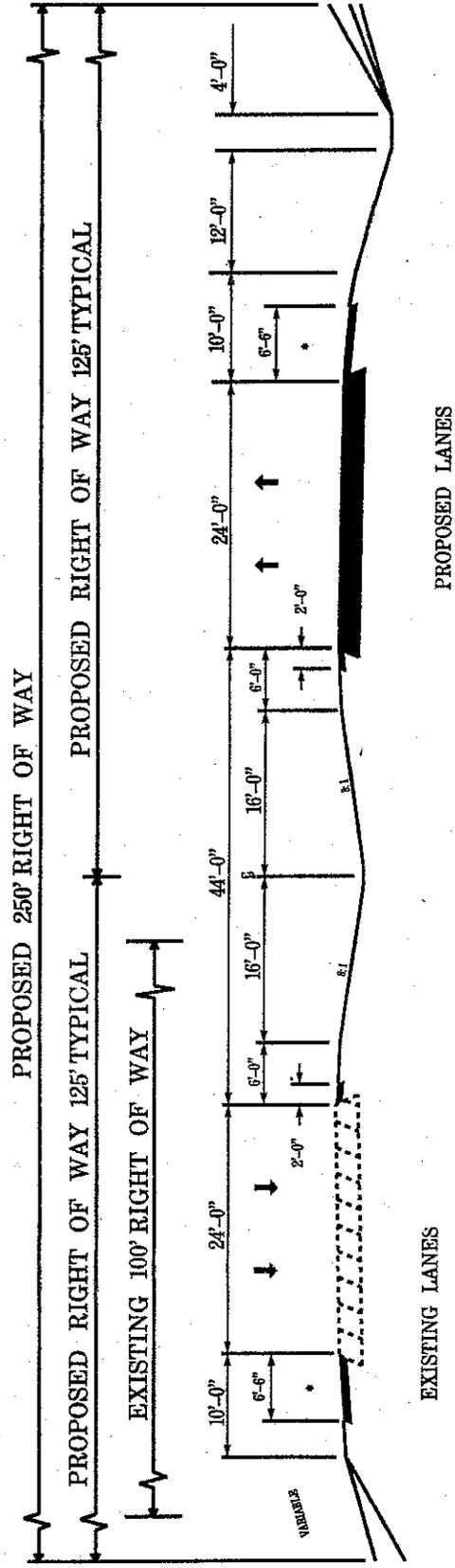
Attachments: Strip Map – Current Proposal  
Typical Section  
Construction Cost Estimate  
Letter signed by Commissioner Shackelford dated 08/01/1995  
Strip Map dated January 1995

Concur: Thomas L. Turner  
Thomas L. Turner, P.E.  
Director of Preconstruction

Approve: Frank L. Danchetz  
Frank L. Danchetz, P.E.  
Chief Engineer

<sup>2</sup> According to DataTrieve: "LGPA: REQ WILKES & ELBERT DO UTILITIES 4-1-96."

**GRIP TYPICAL SECTION**  
**44 FOOT DEPRESSED MEDIAN RURAL SECTION**  
 65 mph Speed Design

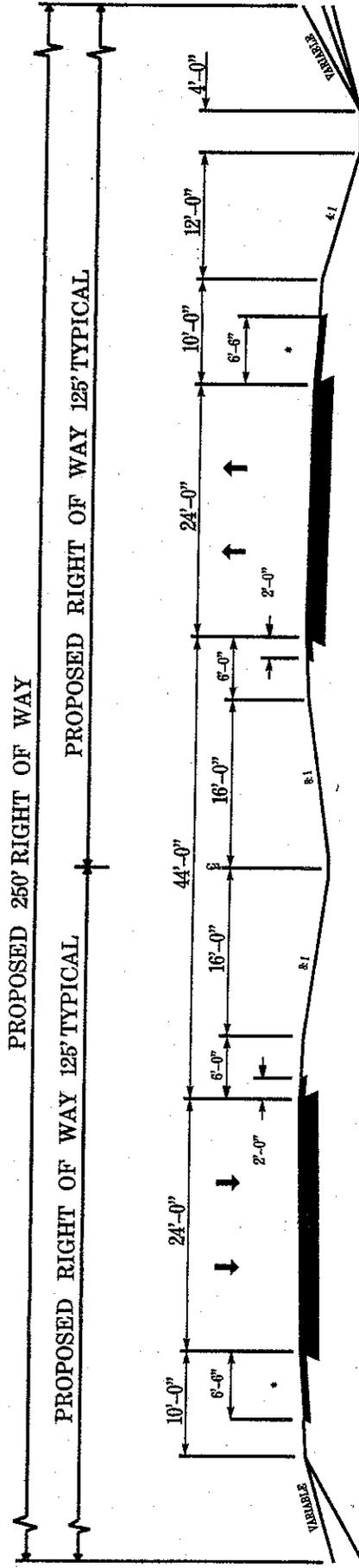


**SR 17 IMPROVEMENTS**  
**EDS-545(54) - WILKESELBERT COUNTIES**  
**PI 222264**  
**HOLDING LEFT SIDE EOP**

FROM BOYD RD TO CR 350LD WASHINGTON HWY

**NOT TO SCALE**

**GRIP TYPICAL SECTION**  
**44 FOOT DEPRESSED MEDIAN RURAL SECTION**  
 65 mph Speed Design

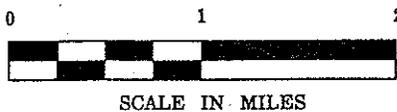
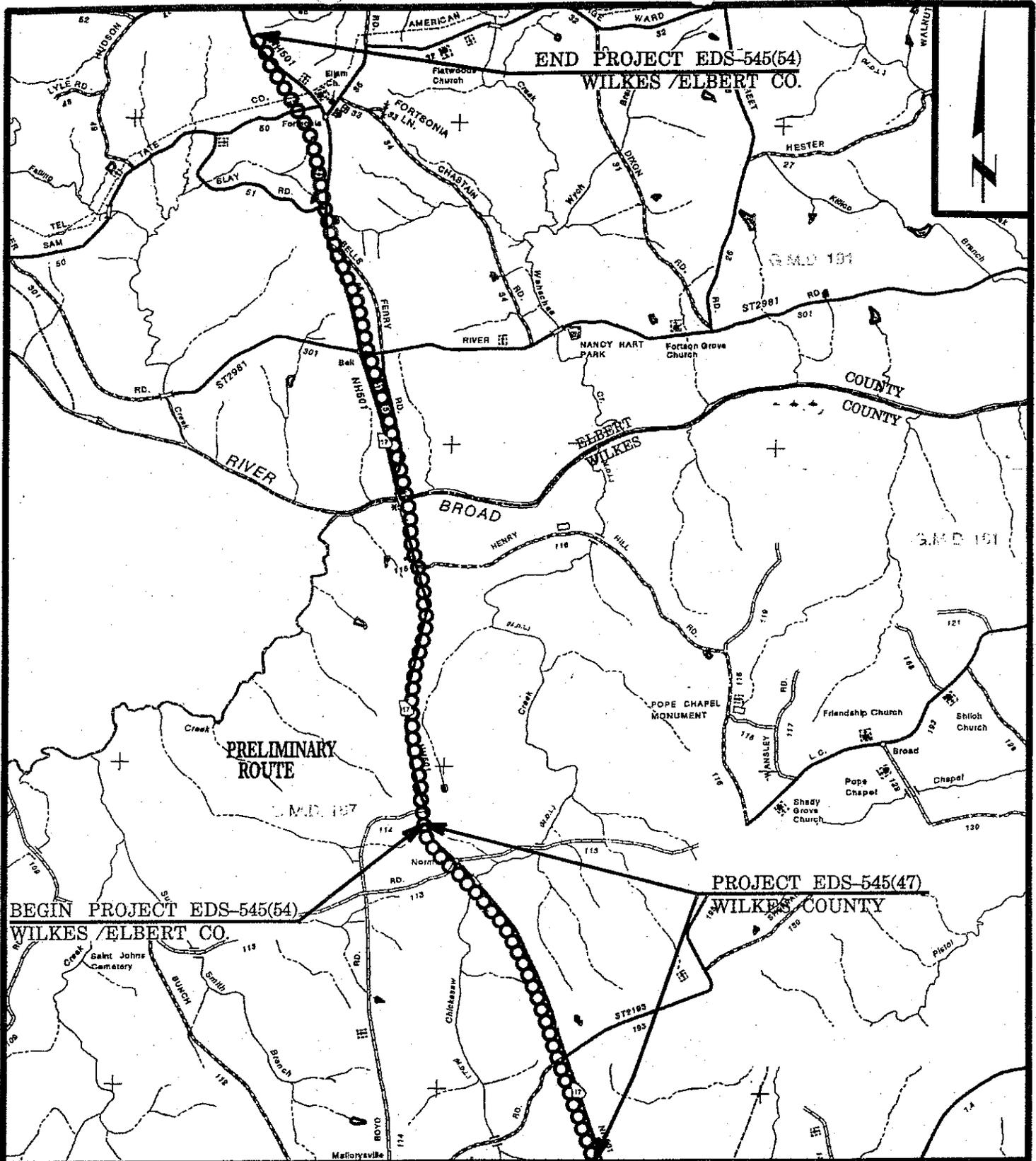


\* BIKE SHOULDER

**SR 17 IMPROVEMENTS**  
**EDS-545(54) - WILKES & ELBERT COUNTIES**  
 PI 222264  
**NEW LOCATION**

FROM CR 350LD WASHINGTON HWY TO 2600 FT SOUTH OF CR 48HUDSON RD

**NOT TO SCALE**



LOCATION

STRIPMAP  
 EDS-545(47)(54)  
 SR 17 IMPROVEMENTS  
 WILKES / ELBERT COUNTY  
 P.I.# 221740, 222264

SOURCE: GENERAL HIGHWAY MAP, WILKES / ELBERT CO., GEORGIA  
 PREPARED BY THE GEORGIA DEPARTMENT OF TRANSPORTATION, 1993, 1998.



Wayne Shackelford

Page 2

August 1, 1995

EDS-545 Wilkes/Elbert Counties

EDS-545(38) Wilkes County

The proposed construction will provide four, 3.6m lanes with a 13.4m depressed grassed median for the entire project length. This project would fill the gaps between the Washington Bypass and project EDS-545(47) Wilkes County, which consists of constructing passing lanes at two sites along SR 17. Site 1 extends from 396km south of Middle Creek to CR 96 and Site 2 extends from 1.3km south of CR 193 to CR 113/Vinson Road. The passing lane construction is scheduled to begin in August, 1997, and the typical section will consist of four, 3.6m lanes separated by a 13.4m depressed grassed median to be compatible with project EDS-545(38). A short bypass on new location east of Tignall is proposed to avoid historical impacts. The proposed right-of-way varies from 64m to 76m. A new parallel 11.6m wide bridge will be constructed over Rock Creek to accommodate the new lanes. Access will be regulated by permit along the existing roadway and partial limited along the portion on new location. This roadway will remain open to traffic during construction.

EDS-545(X), Wilkes/Elbert Counties ← Now EDS-545(54)

The proposed construction will provide four, 3.6m lanes with a 13.4m depressed grassed median for the entire project length. A short bypass east of Fortsonia on new location from CR 35 to .792km south of CR 48 is proposed to avoid historical impacts. Parallel 11.6m wide bridges will be constructed over Broad River and Broad River Overflow to accommodate the new lanes. The proposed right-of-way varies from 64m to 76m. Access will be regulated by permit along the existing roadway and partial limited along the portion on new location. The existing roadway will remain open to traffic during construction.

EDS-545(X), Elbert County

The proposed construction will provide four, 3.6m lanes with a 6m raised median for the entire project length. The proposed right-of-way varies from 46m to 76m. The existing bridge over Dry Fork Creek will be widened to accommodate the new lanes. Access control will be regulated through driveway permits. This roadway will remain open to traffic during construction.

Environmental concerns include requiring a COE 404 permit; 3.7 hectares of hydric soils impacted; an Environmental Assessment will be prepared; 37 displacements--26 residences, 4 businesses, and 7 mobile homes; a public hearing will be held; time saving procedures are not appropriate.

Wayne Shackelford  
Page 3  
August 1, 1995

EDS-545 Wilkes/Elbert Counties

The estimated costs for these projects are:

	EDS-545(38) Wilkes	<sup>Now</sup> EDS-545(54) EDS-545(X) Wilkes/Elbert	EDS-545(X) Elbert	EDS-545(X) Elbert	PROG DATE
	PROPOSED	PROPOSED	PROPOSED	APPROVED	
Construction (Incl E&C & inflation)	\$14,778,000	\$9,855,000	\$7,131,000	\$21,560,000	2000 00-03
Right-of-Way	\$ 3,524,000	\$3,520,000	\$3,686,000	\$ 5,326,000	
Utilities*	\$ 199,000	\$ 65,000	\$, 835,000	-----	

\*LGPA sent 3/92 requesting Wilkes/Elbert Counties and Elberton cover utilities; Washington signed; Tignall refused.

This project will enhance safety and operational characteristics along this portion of SR 17. The SR 17 improvements are part of the Governors Road Improvement Program. I recommend this project concept be approved.

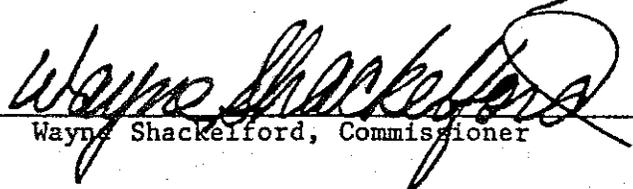
HJL:JDQ/cj

Attachment

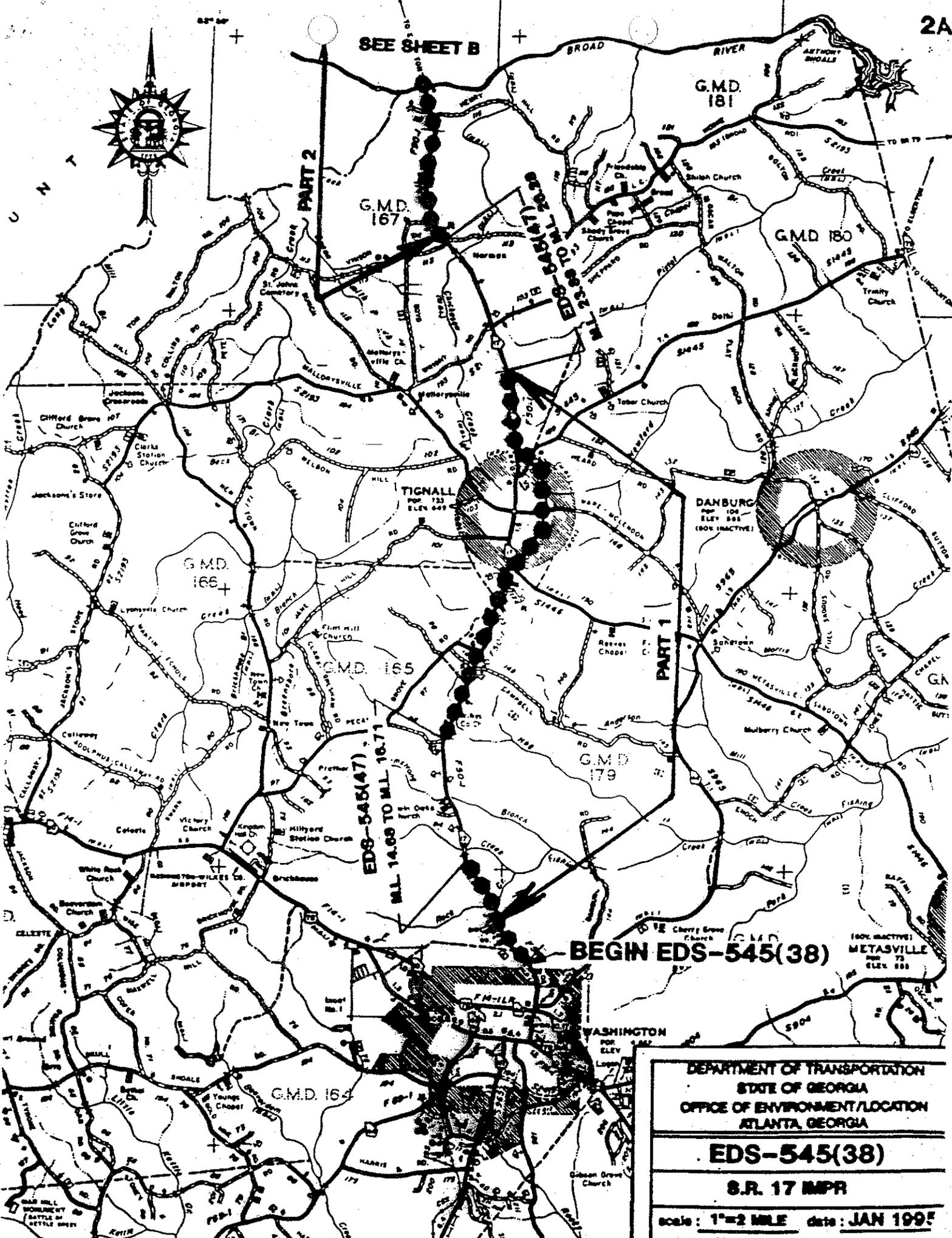
CONCUR

  
Frank L. Danchetz, Chief Engineer

APPROVE

  
Wayne Shackelford, Commissioner

SEE SHEET B



G.M.D. 167

G.M.D. 181

G.M.D. 180

G.M.D. 166

G.M.D. 165

G.M.D. 179

G.M.D. 164

EDS-545(47) -  
ML 14.69 TO ML 16.71

BEGIN EDS-545(38)

(DOX INACTIVE)  
METASVILLE  
POP. 100  
ELEV. 588

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
OFFICE OF ENVIRONMENT/LOCATION  
ATLANTA, GEORGIA

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**EDS-545(38)**

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**S.R. 17 MPR**

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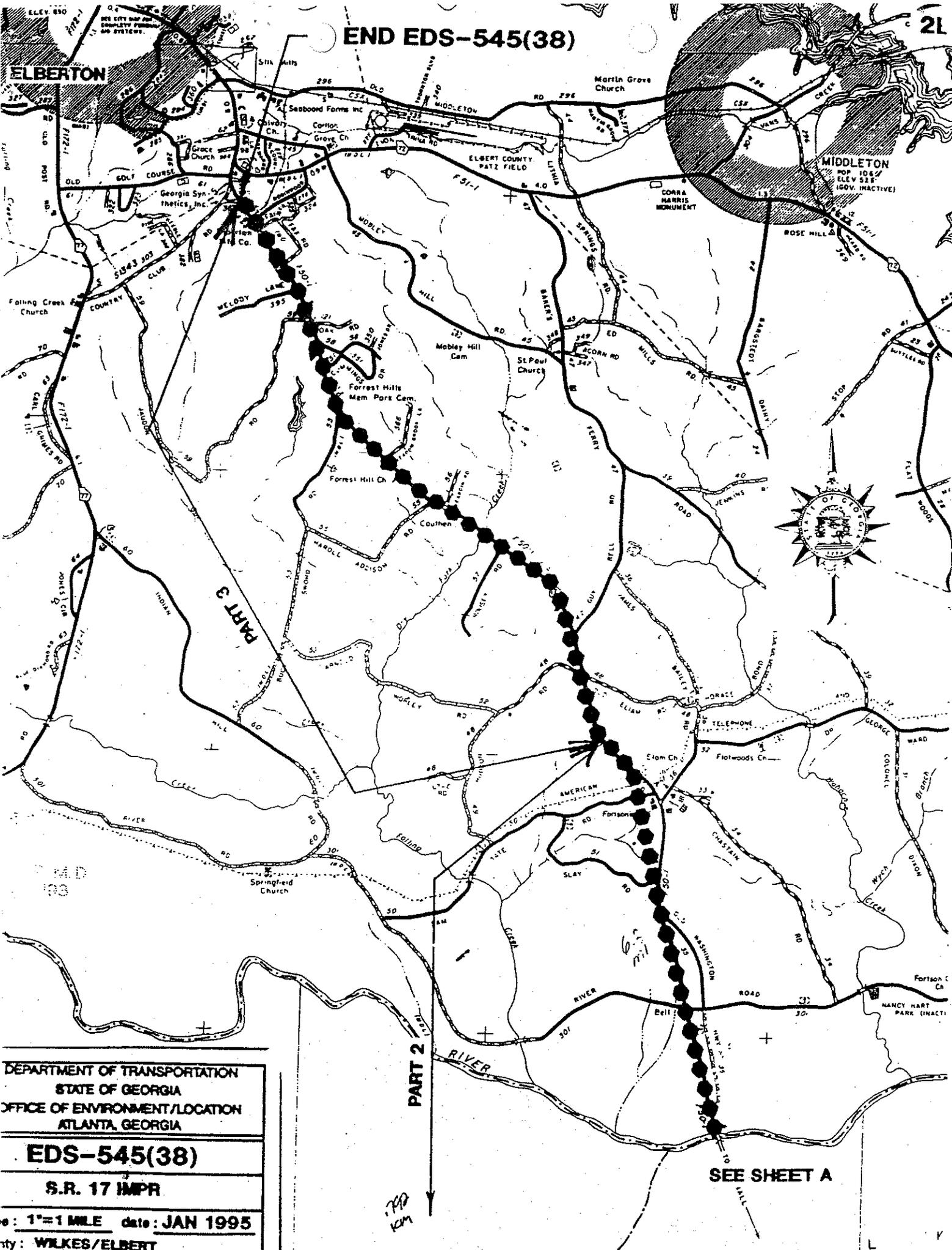
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COUNTY: WALKER / 01 SHIRY

# END EDS-545(38)

2L



DEPARTMENT OF TRANSPORTATION  
 STATE OF GEORGIA  
 OFFICE OF ENVIRONMENT/LOCATION  
 ATLANTA, GEORGIA

**EDS-545(38)**

S.R. 17 IMPR

1"=1 MILE date: JAN 1995

ty: WILKES/ELBERT

SEE SHEET A

780 km