

D.O.T.66

RECEIVED

JAN 21 1994

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE: STP-9350 (1), Rockdale Co.
P.I. No. 752280
Location: Flat Shoals Rd. @
Old Salem Rd.

OFFICE: Traffic Operations
Atlanta, Ga.
DATE: December 13, 1993

FROM: Marion *Waters*, P.E., State Traffic Operations Engineer

TO: Bob Mustin, Project Review Engineer

SUBJECT: PROJECT CONCEPT REPORT

Attached is the project concept report, prepared by MAYES, SUDDERTH & ETHEREDGE, INC. consultant engineers for Rockdale County, on the above listed project for your review and further handling.

This office has reviewed the subject concept report and consider it satisfactory for approval.

If you should have any questions, please contact Jim Hitt of this office at 651-9599.

MGW:JHH

Attachments

cc: John Lively
Wayne Hutto, w/attach.
Jim Kennerly, w/attach.
David Studstill, w/attach.
Felton Rutledge
General Files

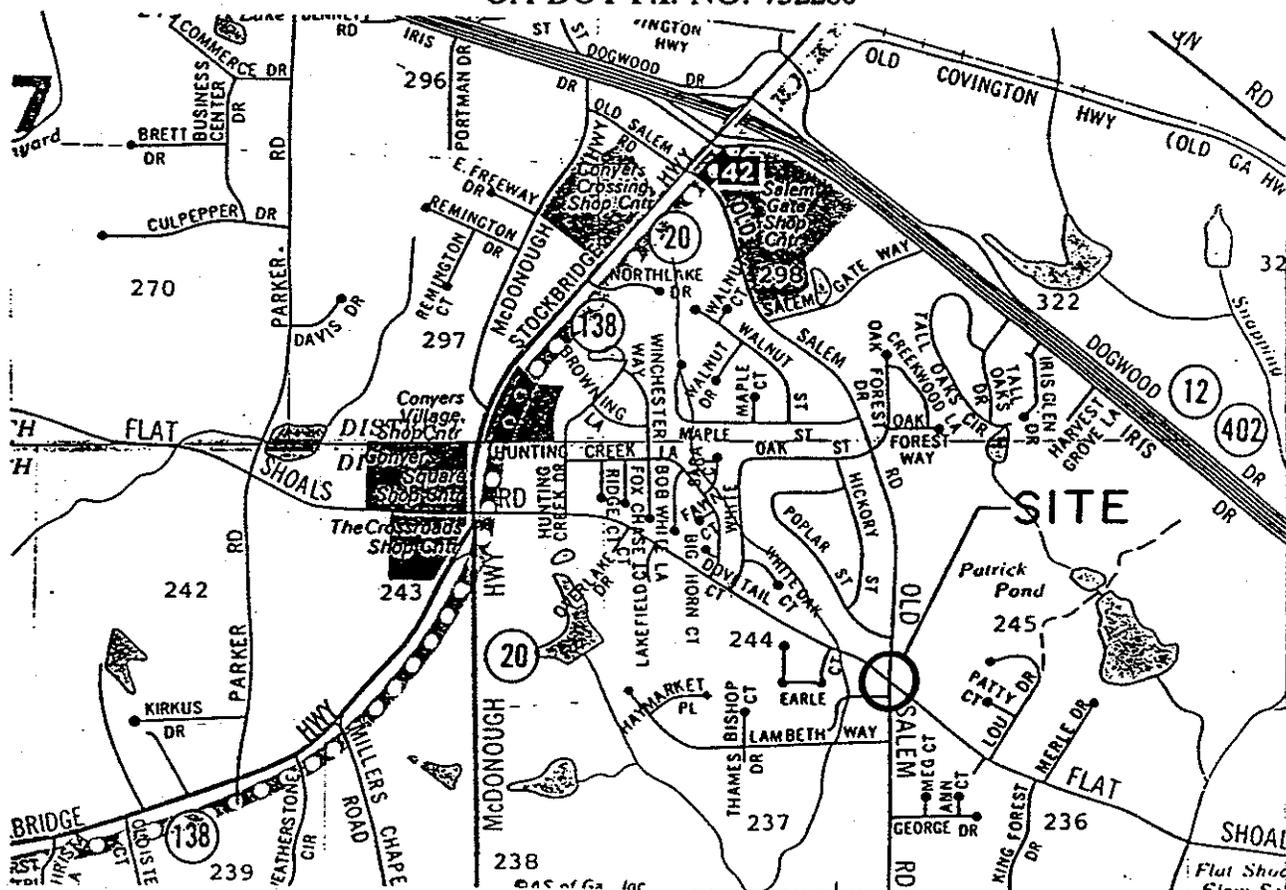
DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

PROJECT CONCEPT REPORT

STP-9350 (1) ROCKDALE COUNTY

GA DOT P.I. NO: 752280



DATE OF REPORT: 5TH NOV. 1993

RECOMMENDATION FOR APPROVAL

11-29-93
Date

Felton A. [Signature]
Metro District Engineer

1-19-94
Date

[Signature]
State Road and Airport Design Engineer

12/10/93
Date

M. G. Waters, III
State Traffic Operations Engineer

PROJECT CONCEPT REPORT

P.I. NO: 752280

PROJECT NO: STP-9350 (1), Rockdale Co.

LOCATION: Flat Shoals Road @ Old Salem Road

TRAFFIC - CURRENT ADT:

Flat Shoals Road = 8,430
Old Salem Road = 8,640

TRAFFIC-PROJECTED ADT:

Flat Shoals Road = 15,240
Old Salem Road = 23,640

EXISTING TYPICAL SECTION:

Flat Shoals Road & Old Salem Road - 22 ft. width, shoulders vary from 2' to 6'.

EXISTING RIGHT-OF-WAY:

Flat Shoals Road 100' R/W
Old Salem Road 80' R/W

EXISTING TRAFFIC CONTROL: Four Way Stop

STATEMENT OF NEED AND PURPOSE OF PROJECT: A signalized intersection is needed to provide an acceptable level of service. A refuge lane is needed to move vehicles waiting to turn left out of thru lane traffic on all legs of the intersection. The proposed improvements should accommodate the projected traffic volume for the year 2010.

LENGTH: 0.43 Mile

TERMINI - FROM: 540' West of the intersection

TO: 550' East of the intersection

PDP CLASS: Minor

FUNCTIONAL CLASS:

Flat Shoals Road = Local Road
Old Salem Road = Urban Collector Street

MAX DEGREE OF CURVE: 4°

MAX GRADES: 4%

DESIGN SPEED:

Flat Shoals Road V = 45 MPH
Old Salem Road V = 40 MPH

POSTED SPEED:

Flat Shoals Road V = 45 MPH
Old Salem Road V = 40 MPH

PROPOSED TYPICAL SECTION:

- * Flat Shoals Road - Travel Way varies from 48 ft. to 60 ft, 2'-6" curb and gutter with 7'-6" shoulder both sides.
- * Old Salem Road - 36 ft. travel way, 2'-6" curb and gutter with 7'-6" shoulder, both sides.

PROPOSED MAJOR STRUCTURES: None

TYPE ACCESS: Free access

TRAFFIC CONTROL DURING CONSTRUCTION: Existing four way stop to be maintained during construction.

RIGHT-OF-WAY REQUIREMENT: No additional right-of-way will be required.

UTILITIES: Adjustment of utilities in the field will be the responsibility of Rockdale County.

ESTIMATED COST:

<u>ITEM</u>	<u>TOTAL AMOUNT:</u>
CONSTRUCTION	\$387,700
TRAFFIC SIGNAL	50,000
E&C	43,800
TOTAL CONSTRUCTION	\$481,500

NOTE: The cost for construction easements and utility adjustments will be the responsibility of Rockdale County.

PERMITS REQUIRED: None

LEVEL OF ENVIRONMENTAL ANALYSIS: *Categorical*
Category Exclusion

LEVEL OF PUBLIC INVOLVEMENT: N/A

TIME SAVINGS PROCEDURES APPROPRIATE: YES (X) NO ()

DESIGN VARIANCES REQUIRED: None

FHWA DESIGNATION: Exempt

POSSIBLE UNDERGROUND STORAGE TANKS: None

ALTERNATIVES CONSIDERED: None

COMMENTS:

PREPARED BY:

MAYES, SUDDERTH & ETHEREDGE, INC.

**Att.: Typical Section
Cost Estimate
LPGA**

True



ORIGINAL
GENERAL FILES

Department of Transportation
State of Georgia

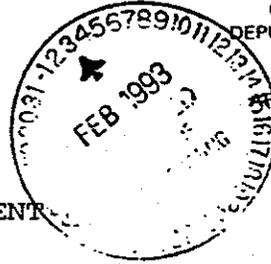
#2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002
January 22, 1993

WAYNE SHACKELFORD
COMMISSIONER

G. CHARLES LEWIS
STATE HIGHWAY ENGINEER

CRAIG C. BRACK
DEPUTY COMMISSIONER

THUR A. VAUGHN
TREASURER



LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, the County of ROCKDALE agrees to provide or perform the following at no cost to the Georgia D.O.T. or project STP-9350(1), PI #752280, ROCKDALE County:

INTERSECTION IMPROVEMENT -
FLAT SHOALS ROAD @ OLD SALEM ROAD

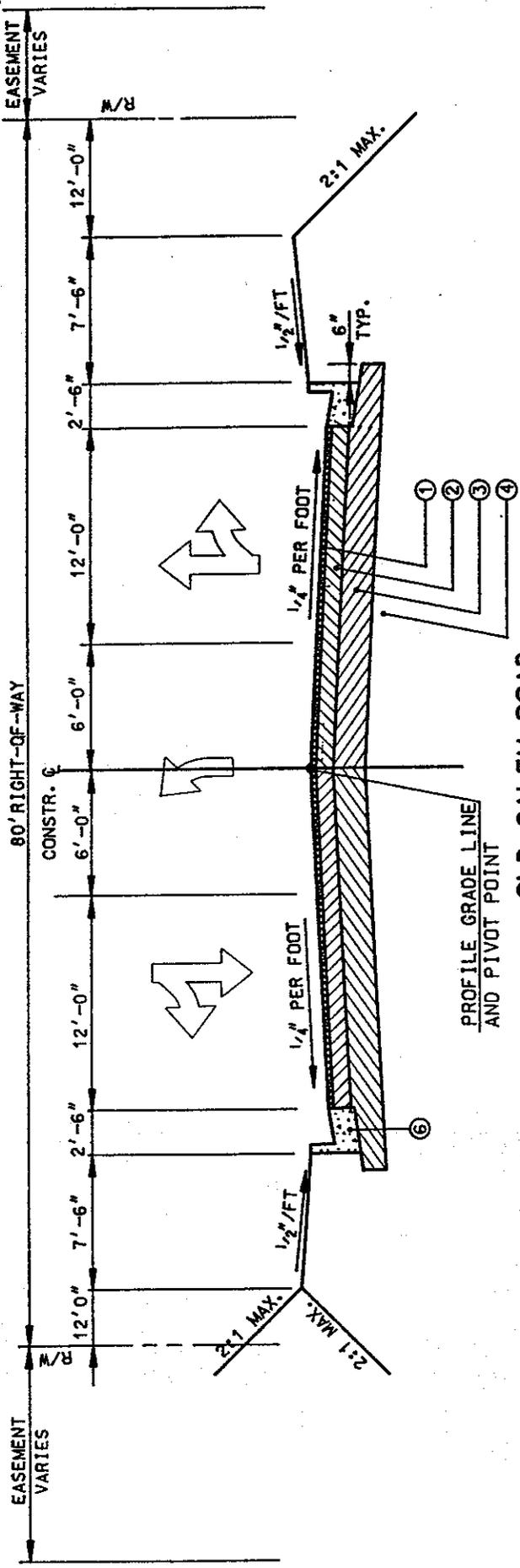
- X] Provide all rights-of-way and/or easements needed for the construction of project and remove existing structures or obstructions within the rights-of-way.
- X] Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. 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 & waste pits as needed.
- X] OTHER: Rockdale County agrees to pay 100% of the preliminary engineering cost.
-] We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.

NOTE: A similar agreement has been sent to the City of Conyers.

This 26 day of January, 1993

APPROVED *Randy W. Payne*
City/County Official





PROFILE GRADE LINE
 AND PIVOT POINT
OLD SALEM ROAD
 NORMAL CROWN
 N.T.S.

LEGEND

- ① 1 1/2" ASPHALTIC CONCRETE "E"
- ② 4" ASPHALTIC CONCRETE BASE
- ③ 10" GRADED AGGREGATE BASE COURSE
- ④ COMPACTED SUBGRADE (CLASS II SOIL OR BETTER)
- ⑤ ASPH. CONC. LEVELING AS REQUIRED
- ⑥ 6" X 30" CONCRETE CURB & GUTTER, GA. STD. 9032B, TP 2

PRELIMINARY COST ESTIMATE

DATE: 11-11-93 PREPARED: MAYES, SUDDERTH & ETHEREDGE, INC.

PROJECT NO: STP-9350(1) ROCKDALE COUNTY

P.I. NO: 752280 MILEAGE: 0.43

PROJECT DESCRIPTION/CONCEPT: INTERSECTION IMPROVEMENTS FOR OLD SALEM ROAD @ FLAT SHOALS ROAD

- () PROGRAMMING PROCESS
- (X) CONCEPT DEVELOPMENT
- () DURING PROJECT DEVELOPMENT

PROJECT COSTS

RIGHT OF WAY:

by LGPA
(Pending)

REIMBURSABLE UTILITIES

by LGPA
(Pending)

CONSTRUCTION COSTS

A. MAJOR STRUCTURES

- 1. BRIDGES 0
- 2. RETAINING WALLS: 0
- 3. BOX CULVERTS:
 - ___ C.Y. Concrete @ \$ ___ 0
 - ___ Lb. Reinforcing Steel @ \$ ___ 0

B. GRADING & EARTHWORK

- 1. BORROW: 0
- 2. IN-PLACE EMBANKMENT: ___ C.Y. @ \$ ___ 0
- 3. UNCLASSIFIED EXCAVATION: 6410 C.Y. @ \$5.00 32,000
- 4. WICK DRAINS: ___ L.F. @ \$ ___ 0
- 5. FILTER FABRIC: ___ S.Y. @ \$ ___ 0
- 6. DRAINAGE MATERIAL: ___ C.Y. @ \$ ___ 0
- 7. DRILL HOLES: ___ L.F. @ \$ ___ 0

SUBTOTAL 32,000

C. DRAINAGE

1.	LONGITUDINAL PIPES:	
	890 L.F. 18 in @ \$25.00	22,000
2.	CROSSDRAIN PIPES:	
	30 L.F. 18 in. @ \$25.00	750
	252 L.F. 24 in. @ \$28.00	7,056
	204 L.F. 30 in. @ \$36.00	7,350
	630 L.F. 36 in. @ \$45.00	28,350
3.	FLARED END SECTIONS:	
	2 FES 18 in. @ \$310	620
	1 FES 30 in. @ \$490	490
4.	CATCH BASINS/DROP INLETS: 20 EACH @ \$1300	26,000
5.	OTHER ITEMS:	0
	SUBTOTAL	92,600

D. BASE & PAVING

1.	ASPHALT PAVING:	
	_____ Tons of "D" @ \$ _____	0
	930 Tons of "E" @ \$30.00	27,900
	2500 Tons of Base @ \$30.00	75,000
	50 Tons of Leveling @ \$30.00	1,500
	650 Gals of Tack @ \$1.00	650
2.	GRADED AGGREGATE BASE:	
	6750 Tons of GAB @ \$11.00	74,250
3.	SOIL-CEMENT BASE:	
	_____ Tons of S-C @ \$ _____	0
	_____ Tons of Cement @ \$ _____	0
4.	CONCRETE PAVING:	
	_____ S.Y. ___ THICK @ \$ _____	0
	SUBTOTAL	179,300

E. CONCRETE WORK

1.	APPROACH SLABS:	0
2.	MEDIAN BARRIER (Permanent):	
	___ L.F. Type ___ @ \$ _____	0

3.	CURB & GUTTER: 2700 L.F. @ \$8.50	23,000
4.	VALLEY GUTTER: 200 S.Y. @ \$25.00	5,000
5.	SIDEWALK: _____ S.Y. @ \$ _____	0
6.	MEDIAN PAVING: 0 S.Y. @ \$25.00	0
7.	DITCH PAVING: (INCL. IN GRASSING)	0
	SUBTOTAL	28,000
F.	SIGNS & STRIPING	
1.	STRIPING 6000 L.F. @ \$0.30	1,800
2.	ROADSIDE SIGNS 10 EACH @ \$200.00	2,000
3.	OVERHEAD SIGNS (INCLUDES LIGHTING SYSTEMS) ____ STRUCTURES @ \$ _____	0
	SUBTOTAL	3,800
G.	TRAFFIC SIGNALS	
	1 INSTALLATIONS @ 50,000	50,000
H.	LIGHTING	
	SUBTOTAL	0
I.	GUARDRAIL	
	150 L.F. TYPE W @ \$10.00	1,500
	1 TYPE 1 ANCHORS @ \$300	300
	1 TYPE 9 ANCHORS @ \$800	800
	SUBTOTAL	2,600
J.	TRAFFIC CONTROL	30,000
K.	CLEARING & GRUBBING	
	2.5 ACRES @ \$5000	12,500
	SUBTOTAL	12,500
L.	GRASSING/LANDSCAPING	3,300
	SUBTOTAL	3,300
M.	TEMPORARY EROSION CONTROL	3,000
	SUBTOTAL	3,000
N.	WETLAND/404 MITIGATION	0
	SUBTOTAL	0
O.	MISCELLANEOUS ITEMS	
1.	FIELD ENGINEER'S OFFICE	0
2.	FENCING: _____ L.F. @ \$ _____	0
3.	RIGHT OF WAY MARKERS: 12 EACH @ \$50.00	600
	SUBTOTAL	600

ESTIMATE SUMMARY

RIGHT OF WAY 0 (LGPA Pending)
REIMBURSABLE UTILITIES LGPA (Pending)

CONSTRUCTION COST SUMMARY

GRADING & EARTHWORK	32,000
DRAINAGE	92,600
BASE & PAVING	179,300
CONCRETE WORK	28,000
SIGNS & STRIPING	3,800
TRAFFIC SIGNALS	50,000
LIGHTING	0
GUARDRAIL	2,600
TRAFFIC CONTROL	30,000
CLEARING & GRUBBING	12,500
GRASSING/LANDSCAPING	3,300
TEMPORARY EROSION CONTROL	3,000
WETLAND/404 MITIGATION	0
MISCELLANEOUS ITEMS	600
SUBTOTAL ROADWAY ITEMS	437,700
MAJOR STRUCTURES	0
TOTAL CONSTRUCTION ESTIMATE	437,700
10% E&C	43,800
TOTAL	\$481,500



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

WAYNE SHACKELFORD
COMMISSIONER

G. CHARLES LEWIS
STATE HIGHWAY ENGINEER

RECEIVED

FEB 1 1994

CRAIG C. BRACK
DEPUTY COMMISSIONER
PRECONSTRUCTION

ARTHUR A. VAUGHN
TREASURER

January 31, 1994

Mr. Patrick Evans, P.E.
MAYES, SUDDERTH, & ETHEREDGE, INC.
3101 Towercreek Pkwy.
Suite 100
Atlanta, Georgia 30339-3256

REF.: APPROVED CONCEPT REPORT

Dear Mr. Evans:

Attached, for your use in preparing construction plans, is the approved concept report for the following project:

STP-9350 (1), Rockdale County
P.I. No. 752280
Location: Flat Shoals Rd. @ Old Salem Rd.
(SCHEDULED LET DATE: 94-06)

If further assistance is needed, please contact me at your convenience.

Sincerely,

M. G. Waters, III, P.E.
State Traffic Operations Engineer

MGW:JHH

Attachments

cc: John Lively
Wayne Hutto
Lawrence Kaiser, P.E., Rockdale County Public Works, w/att.
Danny Godwin, Dist. 7, Chamblee, w/att.
Sam Zeigler



DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-9350(1) Rockdale County OFFICE Preconstruction
P.I. No. 752280 DATE January 20, 1994

FROM *CW Hutto*
C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/se

Attachment

DISTRIBUTION:

John Lively
Bob Mustin
David Studstill
Herman Griffin
James Kennerly
Felton Rutledge
Marion Waters

Wayne Shackelford

Page 2

January 6, 1994

STP-9350(1) Rockdale County

This project is in the STIP. I recommend this project concept be approved.

HJL/TMR/se

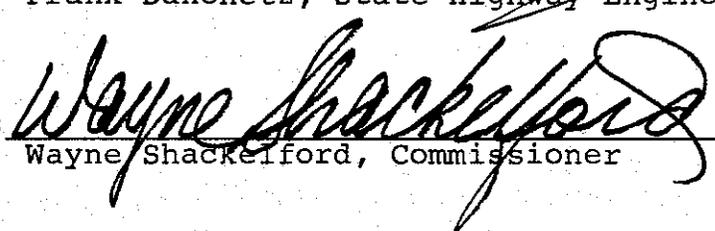
Attachment

CONCUR:



Frank Danchetz, State Highway Engineer

APPROVED:



Wayne Shackelford, Commissioner

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

RECEIVED

JAN 04 1994

INTERDEPARTMENT CORRESPONDENCE

FILE STP-9350(1) Rockdale County **OFFICE** Atlanta, Georgia
 P.I. No. 752280
 Flat Shoals Rd. @ Old Salem Rd. **DATE** January 3, 1994

FROM Bob Mustin, P.E., Project Review Engineer *BM*

TO Hoyt J. Lively, Jr., P.E., Director of Preconstruction

SUBJECT PROJECT CONCEPT REPORT

We have reviewed the attached Concept Report for the project listed above.

We have received signed cover sheets from the following offices:

Road Design

This report is satisfactory for approval.

The estimated costs of this project are as follows:

Construction	\$440,000
Inflation (5% per year)	\$ 22,000
E & C (10%)	\$ 46,000
Preliminary Engineering (5%)	\$ 22,000
Right of Way	0 (LGPA)
Reimbursable Utilities	? (LGPA)

DIM/kmc

Attachments

c: Marion Waters

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-9350(1) Rockdale County OFFICE Atlanta, GA.
DATE December 22, 1993
FROM *James A. Kennerly*
James A. Kennerly, State Road & Airport Design Engineer
TO Bobby Mustin, P.E., Project Review Engineer
SUBJECT PROJECT CONCEPT REPORT

The Concept Report has been reviewed by this office and is considered satisfactory except for the following:

1. The traffic data should be dated.
2. The functional classification should be :
Flat Shoals Road - Urban Collector
Old Salem Road - Urban Local
3. The PDP Class should be minor existing.
4. Alternates considered should be no build.

A signed Concept Report Cover Sheet is attached for your use.

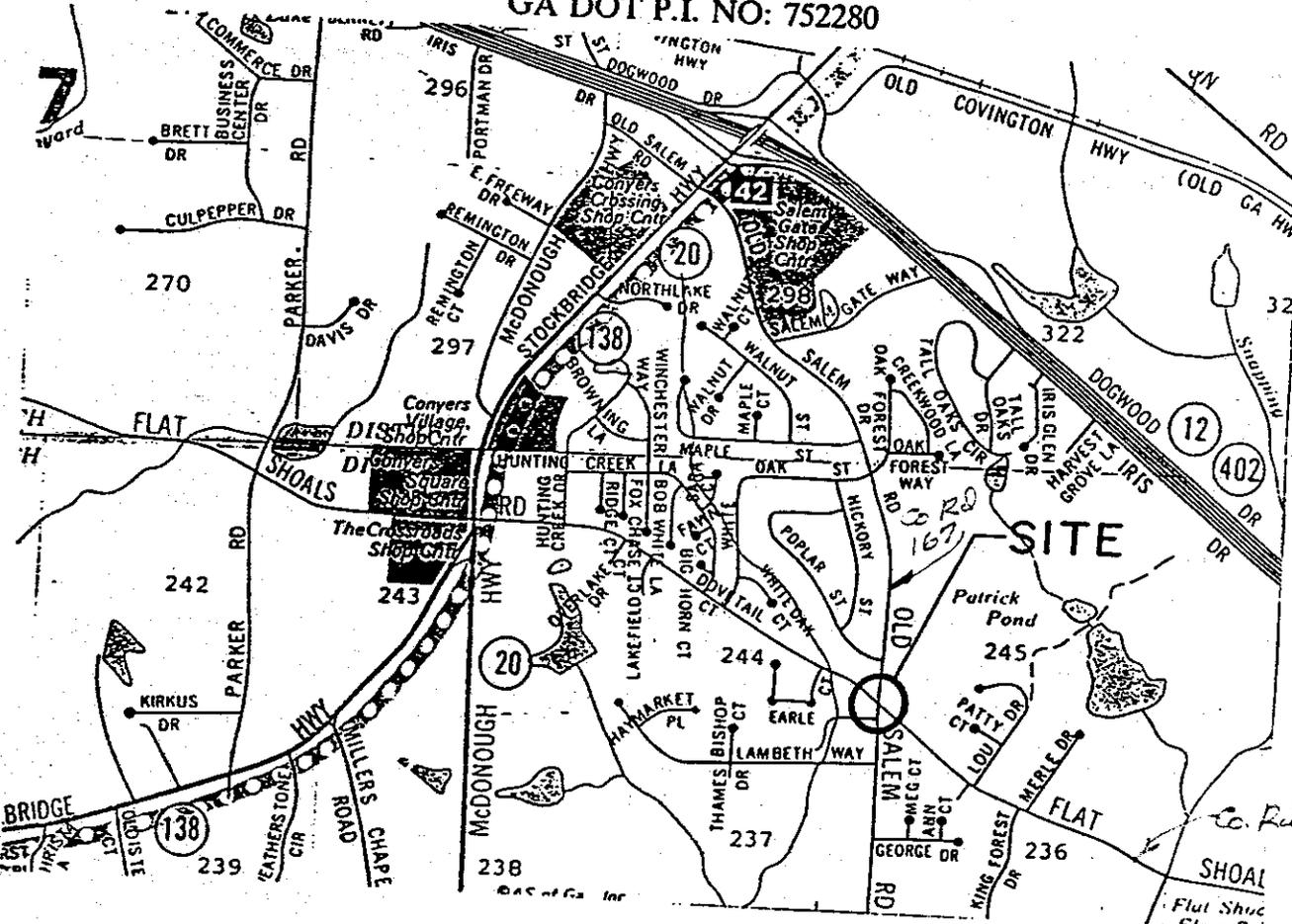
^{ALA}
JAK:PDD:pef

xc: John Lively
Wayne Hutto
Marion Waters
Felton Rutledge
David Studstill

PROJECT CONCEPT REPORT

STP-9350 (1) ROCKDALE COUNTY

GA DOT P.I. NO: 752280



DATE OF REPORT: 5TH NOV. 1993

RECOMMENDATION FOR APPROVAL

11-29-93
Date

Felton A. R. [Signature]
Metro District Engineer

Date

James [Signature]
State Road and Airport Design Engineer

Date

State Environmental Engineer

12/10/93
Date

M. G. Waters, III [Signature]
State Traffic Operations Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: STP-9350 (1), Rockdale Co.
P.I. No. 752280
Location: Flat Shoals Rd. @
Old Salem Rd.

OFFICE: Traffic Operations
Atlanta, Ga.
DATE: December 13, 1993

FROM: Marion *Waters*, P.E., State Traffic Operations Engineer

TO: Bob Mustin, Project Review Engineer

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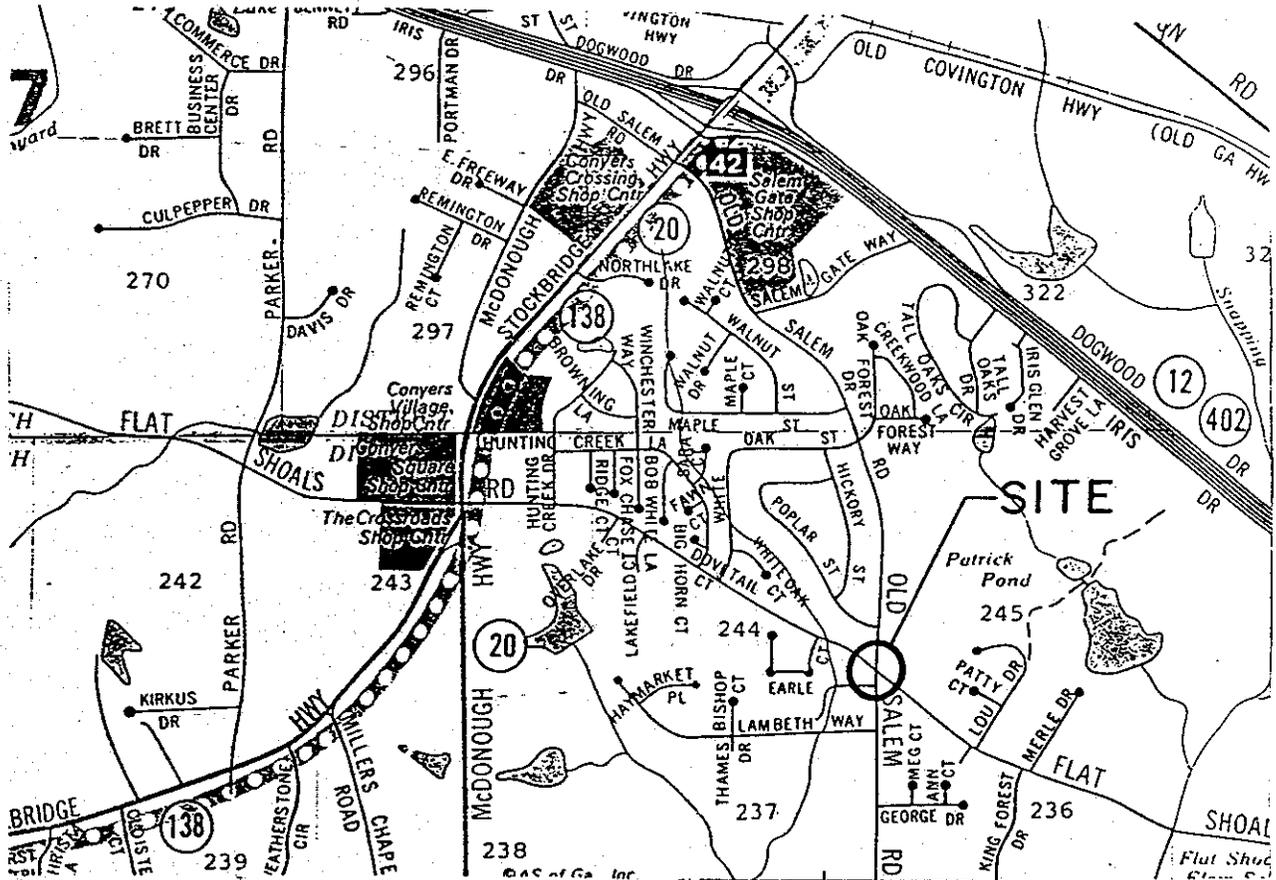
DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

PROJECT CONCEPT REPORT

STP-9350 (1) ROCKDALE COUNTY

GA DOT P.I. NO: 752280



DATE OF REPORT: 5TH NOV. 1993

RECOMMENDATION FOR APPROVAL

11-29-93
Date

Felton A. Rutledge
Metro District Engineer

Date

State Road and Airport Design Engineer

Date

State Environmental Engineer

12/10/93
Date

M. C. Waters, III
State Traffic Operations Engineer

PROJECT CONCEPT REPORT

P.I. NO: 752280

PROJECT NO: STP-9350 (1), Rockdale Co.

LOCATION: Flat Shoals Road @ Old Salem Road

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Old Salem Road = 8,640

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Flat Shoals Road 100' R/W
Old Salem Road 80' R/W

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TERMINI - FROM: 540' West of the intersection

TO: 550' East of the intersection

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FUNCTIONAL CLASS:

Flat Shoals Road = Local Road
Old Salem Road = Urban Collector Street

MAX DEGREE OF CURVE: 4°

MAX GRADES: 4%

DESIGN SPEED:

Flat Shoals Road V = 45 MPH
Old Salem Road V = 40 MPH

POSTED SPEED:

Flat Shoals Road V = 45 MPH
Old Salem Road V = 40 MPH

PROPOSED TYPICAL SECTION:

- * Flat Shoals Road - Travel Way varies from 48 ft. to 60 ft, 2'-6" curb and gutter with 7'-6" shoulder both sides.
- * Old Salem Road - 36 ft. travel way, 2'-6" curb and gutter with 7'-6" shoulder, both sides.

PROPOSED MAJOR STRUCTURES: None

TYPE ACCESS: Free access

TRAFFIC CONTROL DURING CONSTRUCTION: Existing four way stop to be maintained during construction.

RIGHT-OF-WAY REQUIREMENT: No additional right-of-way will be required.

UTILITIES: Adjustment of utilities in the field will be the responsibility of Rockdale County.

ESTIMATED COST:

<u>ITEM</u>	<u>TOTAL AMOUNT:</u>
CONSTRUCTION	\$387,700
TRAFFIC SIGNAL	50,000
E&C	43,800
TOTAL CONSTRUCTION	\$481,500

NOTE: The cost for construction easements and utility adjustments will be the responsibility of Rockdale County.

PERMITS REQUIRED: None

LEVEL OF ENVIRONMENTAL ANALYSIS: Category Exclusion

LEVEL OF PUBLIC INVOLVEMENT: N/A

TIME SAVINGS PROCEDURES APPROPRIATE: YES (X) NO ()

DESIGN VARIANCES REQUIRED: None

FHWA DESIGNATION: Exempt

POSSIBLE UNDERGROUND STORAGE TANKS: None

ALTERNATIVES CONSIDERED: None

COMMENTS:

PREPARED BY:

MAYES, SUDDERTH & ETHEREDGE, INC.

**Att: Typical Section
Cost Estimate
LPGA**

PRELIMINARY COST ESTIMATE

DATE: 11-11-93 PREPARED: MAYES, SUDDERTH & ETHEREDGE, INC.

PROJECT NO: STP-9350(1) ROCKDALE COUNTY

P.I. NO: 752280 MILEAGE: 0.43

PROJECT DESCRIPTION/CONCEPT: INTERSECTION IMPROVEMENTS FOR OLD SALEM ROAD @ FLAT SHOALS ROAD

- () PROGRAMMING PROCESS
- (X) CONCEPT DEVELOPMENT
- () DURING PROJECT DEVELOPMENT

PROJECT COSTS

RIGHT OF WAY:

by LGPA
(Pending)

REIMBURSABLE UTILITIES

by LGPA
(Pending)

CONSTRUCTION COSTS

A. MAJOR STRUCTURES

- | | | |
|----|------------------------------------|---|
| 1. | BRIDGES | 0 |
| 2. | RETAINING WALLS: | 0 |
| 3. | BOX CULVERTS: | |
| | ___ C.Y. Concrete @ \$ ___ | 0 |
| | ___ Lb. Reinforcing Steel @ \$ ___ | 0 |

B. GRADING & EARTHWORK

- | | | |
|----|---|--------|
| 1. | BORROW: | 0 |
| 2. | IN-PLACE EMBANKMENT: ___ C.Y. @ \$ ___ | 0 |
| 3. | UNCLASSIFIED EXCAVATION: 6410 C.Y. @ \$5.00 | 32,000 |
| 4. | WICK DRAINS: ___ L.F. @ \$ ___ | 0 |
| 5. | FILTER FABRIC: ___ S.Y. @ \$ ___ | 0 |
| 6. | DRAINAGE MATERIAL: ___ C.Y. @ \$ ___ | 0 |
| 7. | DRILL HOLES: ___ L.F. @ \$ ___ | 0 |

SUBTOTAL 32,000

C. DRAINAGE

1. LONGITUDINAL PIPES:	
890 L.F. 18 In @ \$25.00	22,000
2. CROSSDRAIN PIPES:	
30 L.F. 18 In. @ \$25.00	750
252 L.F. 24 In. @ \$28.00	7,056
204 L.F. 30 In. @ \$36.00	7,350
630 L.F. 36 In. @ \$45.00	28,350
3. FLARED END SECTIONS:	
2 FES 18 In. @ \$310	620
1 FES 30 In. @ \$490	490
4. CATCH BASINS/DROP INLETS: 20 EACH @ \$1300	26,000
5. OTHER ITEMS:	0
	SUBTOTAL
	92,600

D. BASE & PAVING

1. ASPHALT PAVING:	
_____ Tons of "D" @ \$ _____	0
930 Tons of "E" @ \$30.00	27,900
2500 Tons of Base @ \$30.00	75,000
50 Tons of Leveling @ \$30.00	1,500
650 Gals of Tack @ \$1.00	650
2. GRADED AGGREGATE BASE:	
6750 Tons of GAB @ \$11.00	74,250
3. SOIL-CEMENT BASE:	
_____ Tons of S-C @ \$ _____	0
_____ Tons of Cement @ \$ _____	0
4. CONCRETE PAVING:	
_____ S.Y. ____ THICK @ \$ _____	0
	SUBTOTAL
	179,300

E. CONCRETE WORK

1. APPROACH SLABS:	0
2. MEDIAN BARRIER (Permanent):	
___ L.F. Type ___ @ \$ _____	0

3.	CURB & GUTTER: 2700 L.F. @ \$8.50	23,000
4.	VALLEY GUTTER: 200 S.Y. @ \$25.00	5,000
5.	SIDEWALK: _____ S.Y. @ \$ _____	0
6.	MEDIAN PAVING: 0 S.Y. @ \$25.00	0
7.	DITCH PAVING: (INCL. IN GRASSING)	0
	SUBTOTAL	28,000
F.	SIGNS & STRIPING	
1.	STRIPING 6000 L.F. @ \$0.30	1,800
2.	ROADSIDE SIGNS 10 EACH @ \$200.00	2,000
3.	OVERHEAD SIGNS (INCLUDES LIGHTING SYSTEMS) ____ STRUCTURES @ \$ _____	0
	SUBTOTAL	3,800
G.	TRAFFIC SIGNALS	
	1 INSTALLATIONS @ 50,000	50,000
H.	LIGHTING	
	SUBTOTAL	0
I.	GUARDRAIL	
	150 L.F. TYPE W @ \$10.00	1,500
	1 TYPE 1 ANCHORS @ \$300	300
	1 TYPE 9 ANCHORS @ \$800	800
	SUBTOTAL	2,600
J.	TRAFFIC CONTROL	30,000
K.	CLEARING & GRUBBING	
	2.5 ACRES @ \$5000	12,500
	SUBTOTAL	12,500
L.	GRASSING/LANDSCAPING	
	SUBTOTAL	3,300
M.	TEMPORARY EROSION CONTROL	
	SUBTOTAL	3,000
N.	WETLAND/404 MITIGATION	
	SUBTOTAL	0
O.	MISCELLANEOUS ITEMS	
1.	FIELD ENGINEER'S OFFICE	0
2.	FENCING: _____ L.F. @ \$ _____	0
3.	RIGHT OF WAY MARKERS: 12 EACH @ \$50.00	600
	SUBTOTAL	600

ESTIMATE SUMMARY

RIGHT OF WAY

0 (LGPA Pending)

REIMBURSABLE UTILITIES

LGPA (Pending)

CONSTRUCTION COST SUMMARY

GRADING & EARTHWORK 32,000

DRAINAGE 92,600

BASE & PAVING 179,300

CONCRETE WORK 28,000

SIGNS & STRIPING 3,800

TRAFFIC SIGNALS 50,000

LIGHTING 0

GUARDRAIL 2,600

TRAFFIC CONTROL 30,000

CLEARING & GRUBBING 12,500

GRASSING/LANDSCAPING 3,300

TEMPORARY EROSION CONTROL 3,000

WETLAND/404 MITIGATION 0

MISCELLANEOUS ITEMS 600

SUBTOTAL ROADWAY ITEMS 437,700

MAJOR STRUCTURES 0

TOTAL CONSTRUCTION ESTIMATE 437,700

10% E&C 43,800

TOTAL \$481,500

file



ORIGINAL
GENERAL FILES

Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

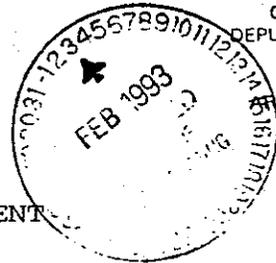
January 22, 1993

WAYNE SHACKELFORD
COMMISSIONER

G. CHARLES LEWIS
STATE HIGHWAY ENGINEER

CRAIG C. BRACK
DEPUTY COMMISSIONER

ARTHUR A. VAUGHN
TREASURER



LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, the County of ROCKDALE agrees to provide or perform the following at no cost to the Georgia D.O.T. for project STP-9350(1), PI #752280, ROCKDALE County:

INTERSECTION IMPROVEMENT -
FLAT SHOALS ROAD @ OLD SALEM ROAD

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

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.

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

Furnish detours, local borrow & waste pits as needed.

OTHER: Rockdale County agrees to pay 100% of the preliminary engineering cost.

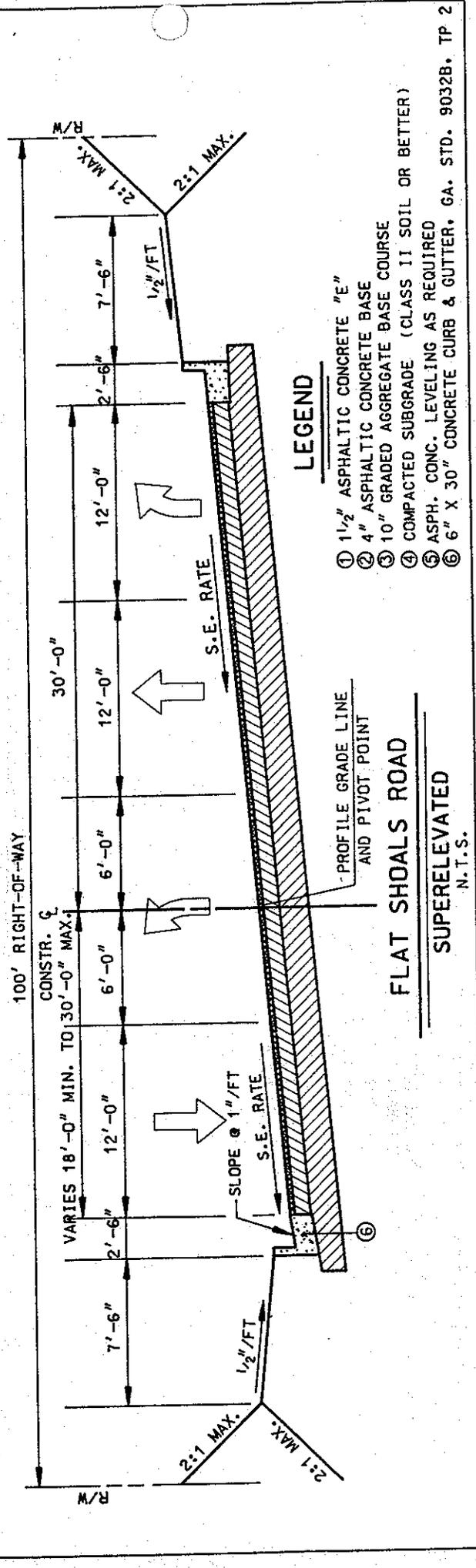
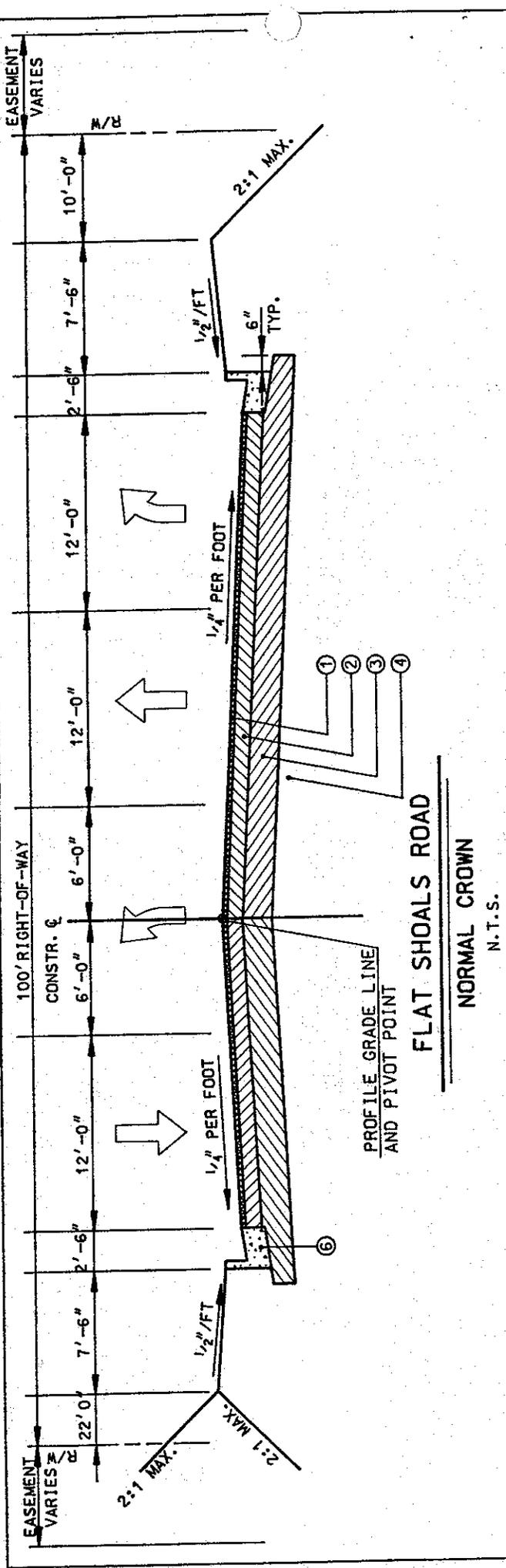
We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.

NOTE: A similar agreement has been sent to the City of Conyers.

This 26 day of January, 1993

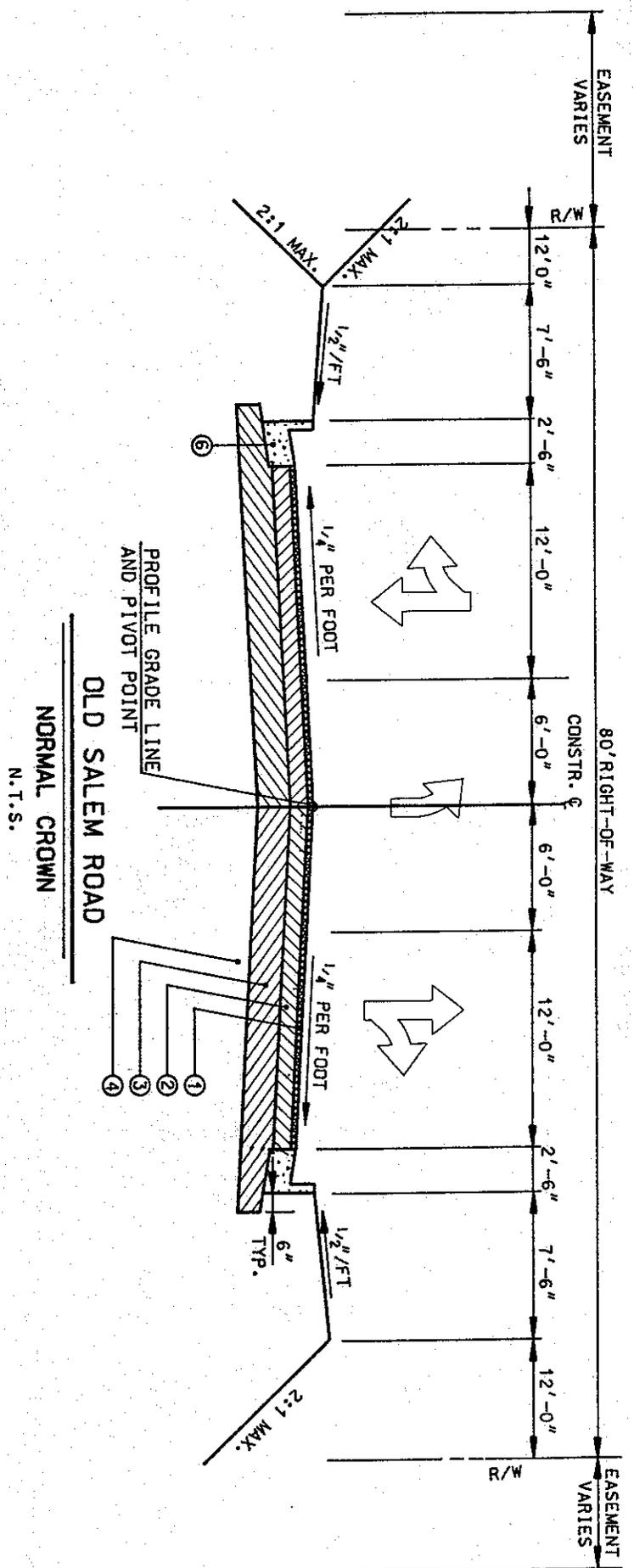
APPROVED *Samuel W. Poyst*
City/County Official





LEGEND

- ① 1 1/2" ASPHALTIC CONCRETE "E"
- ② 4" ASPHALTIC CONCRETE BASE
- ③ 10" GRADED AGGREGATE BASE COURSE
- ④ COMPACTED SUBGRADE (CLASS II SOIL OR BETTER)
- ⑤ ASPH. CONC. LEVELING AS REQUIRED
- ⑥ 6" X 30" CONCRETE CURB & GUTTER, GA. STD. 9032B, TP 2



PROFILE GRADE LINE
 AND PIVOT POINT
 OLD SALEM ROAD
 NORMAL CROWN
 N.T.S.

LEGEND

- ① 1 1/2" ASPHALTIC CONCRETE "E"
- ② 4" ASPHALTIC CONCRETE BASE
- ③ 10" GRADED AGGREGATE BASE COURSE
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