D.O.T. 65

ORIGINAL COPY - FOR GENERAL FILE

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-72(28) Madison County
P.I. No. 122100

OFFICE Preconstruction

DATE August 14, 1991

FROM C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL - WIDENING OF SR 72

Attached for your files is the approval for subject project.

CWH/se

Attachment

DISTRIBUTION:

John Lively
Robert E. Humphrey
David Studstill
Herman Griffin
Roland Hinners
Darrell Elwell
Winn Guthrie
Kirby Hamil
Paul Liles
Ron Colvin
Hugh Tyner

(1) ADMIN
(3) DEV 8-19-91
MGT
(2) SCHED ✓ ZM
WINNETT - NON-60
CHANGE TO ACCESS LIMITS,
MILEAGE & COST 9/91

CAROLYN - PLEASE DELETE PI # 122330 OPK 8-20.
(EDS-72(29)) NOW INCLUDED AS PART
OF THIS PROJ.

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-72(28) Madison County
P.I. No. 122100

OFFICE Preconstruction

DATE August 8, 1991

FROM Hoyt J. Lively, Director of Preconstruction

TO Hal Rives, Commissioner

SUBJECT WIDENING OF SR 72 - PROJECT CONCEPT REPORT

This project is the widening of a 4.8 mile section of SR 72 from SR 172 easterly to Co. Rd. 277, to include a one-way pair through Comer. The existing road has a variable 2 and 3 lane section with 2'-8' shoulders on 60' to 100' of right-of-way. The existing bridge at South Fork Broad River is 44'x220' with a Sufficiency Rating of 71.4. This project is part of the Governor's Road Improvement Program (G.R.I.P.) and will be an important link serving regional and local service centers such as Athens and Elberton. Base year and design year traffic is 6100 VPD (1990) and 9000 VPD (2010).

Widening between above termini will have typical sections as follows:

Nos. 1 & 2 - From SR 172 to 600' west of Ivy Street/CS 513 will have a rural section with 4-12' lanes w/14' flush median and 10' shoulders (4' paved) on minimum 150' R/W.

No. 3 - From 600' west of Ivy Street/CS 513 on new location to 500' east of Poplar Street will have an urban section with 30' of pavement on minimum 60' of R/W and will serve the eastbound traffic on the one-way pair. Existing SR 72 between these termini in Comer will serve westbound traffic.

Nos. 4 & 5 - From 550' east of Poplar Street to Co. Rd. 277, the end of project, will have an urban section with 4-12' lanes w/14' flush median.

The existing bridge at South Fork Broad River will be widened to 82' to accommodate the 5 lane rural section. Traffic will be maintained on existing road during construction except for the reconstruction of two substandard vertical curves near the bridge where detours will be required in order to lower these vertical curves some 8.5'(±) and 13'(±).

Environmental considerations for this project is: (1) displacements of 9 residences, 3 mobile homes, 4 commercial (vacant) & 2 miscell. bldgs. (2) five possible UST sites; (3) two possible hazardous waste sites; (4) COE 404 (1 acres ±); (5) a public hearing will be held.

EDS-72(28) Madison County

The estimated cost of the project is:

	PROPOSED	APPROVED	PROG. DATE
Constr(Infl&E/C)	$6,631,000	$5,012,000	7/93
Right-of-way	$1,180,000	$ 800,000	
Utilities	LGPA*	LGPA*	

*LGPA on "Hold" for construction funding

I recommend that we approve this project concept report for implementation and proceed to a public hearing.

HJL/WLP/se

Attachment

CONCUR: G. C. Lewis
G. C. Lewis, State Highway Engineer

APPROVED: Hal Rives
Hal Rives, Commissioner

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED
JUL 24 1991

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-72 (28) Madison County
P.I. No. 122100
US 72 Improvements

OFFICE Atlanta, Georgia

DATE July 22, 1991

FROM Robert E. Humphrey, Project Review Engineer REH mjb

TO William J. Durrence, Director of Preconstruction

SUBJECT **PROJECT CONCEPT REPORT**

We have reviewed the attached Concept Report for this Major project.

We have received signed cover sheets from the following offices:

Bridge Design

Traffic and Safety

Road Design

This report is satisfactory for approval.

The estimated costs of this project are as follows:

Construction	$5,480,000
Inflation (5% per year) x 2 yrs.	548,000
E & C (10%)	602,800
Preliminary Engineering (5%)	301,400
Right of Way	1,180,000
Utilities	LGPA Anticipated

MJB/jmf

Attachments

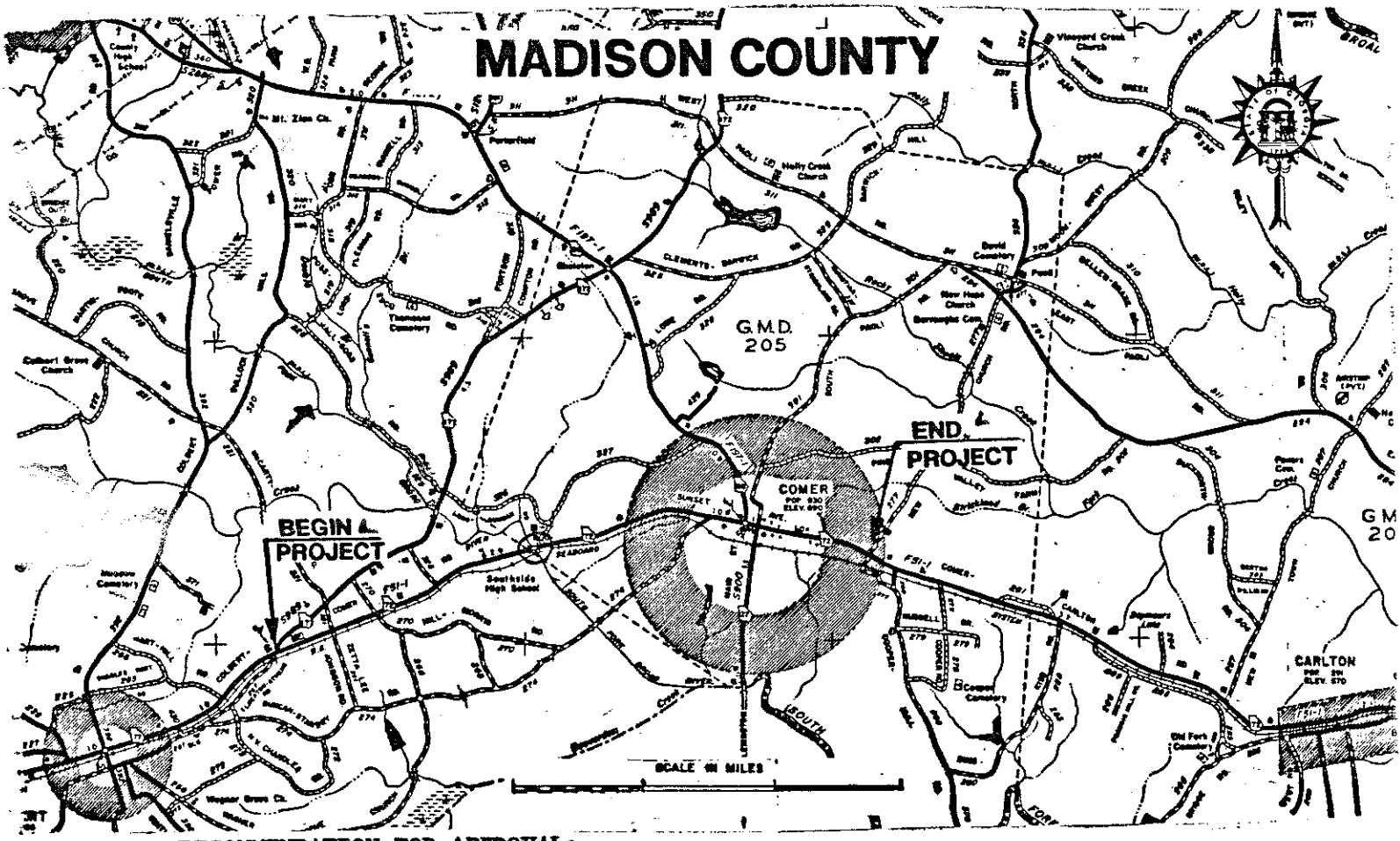
c: David Studstill

MAY 1991
Office of Engineering Services
D.O.T.

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT

Project Number:	EDS-72(28)
County:	MADISON
P.I. Number:	122100
Federal Route Number:	F 51-1
State Route Number:	72



RECOMMENDATION FOR APPROVAL:

5/10/91
DATE

Frank L. Danchetz
STATE ENVIRONMENTAL/LOCATION ENGINEER

DATE

STATE ROAD AND AIRPORT DESIGN ENGINEER

DATE

STATE TRAFFIC AND SAFETY ENGINEER

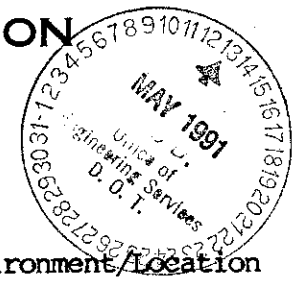
DATE

STATE BRIDGE AND STRUCTURAL DESIGN ENGINEER

DATE

DISTRICT ENGINEER/GAINESVILLE

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE EDS-72(28), Madison County
P.I. No. 122100

OFFICE Environment/Location

DATE May 10, 1991

FROM Frank L. Danchetz, P.E., State Environmental/Location Engineer

TO Robert Humphrey, Project Review Engineer

SUBJECT Concept Report - S.R. 72 Improvements- Comer, Georgia

In accordance with the Plan Development Process, the report for the above project is attached for your review and processing. This project is part of the Governor's Road Improvement Program (GRIP).

FLD/AR/cdm

Attachment

cc: Juan Durrence
Paul Liles
Walker Scott
Ronald Colvin
Hugh L. Tyner/Gainesville

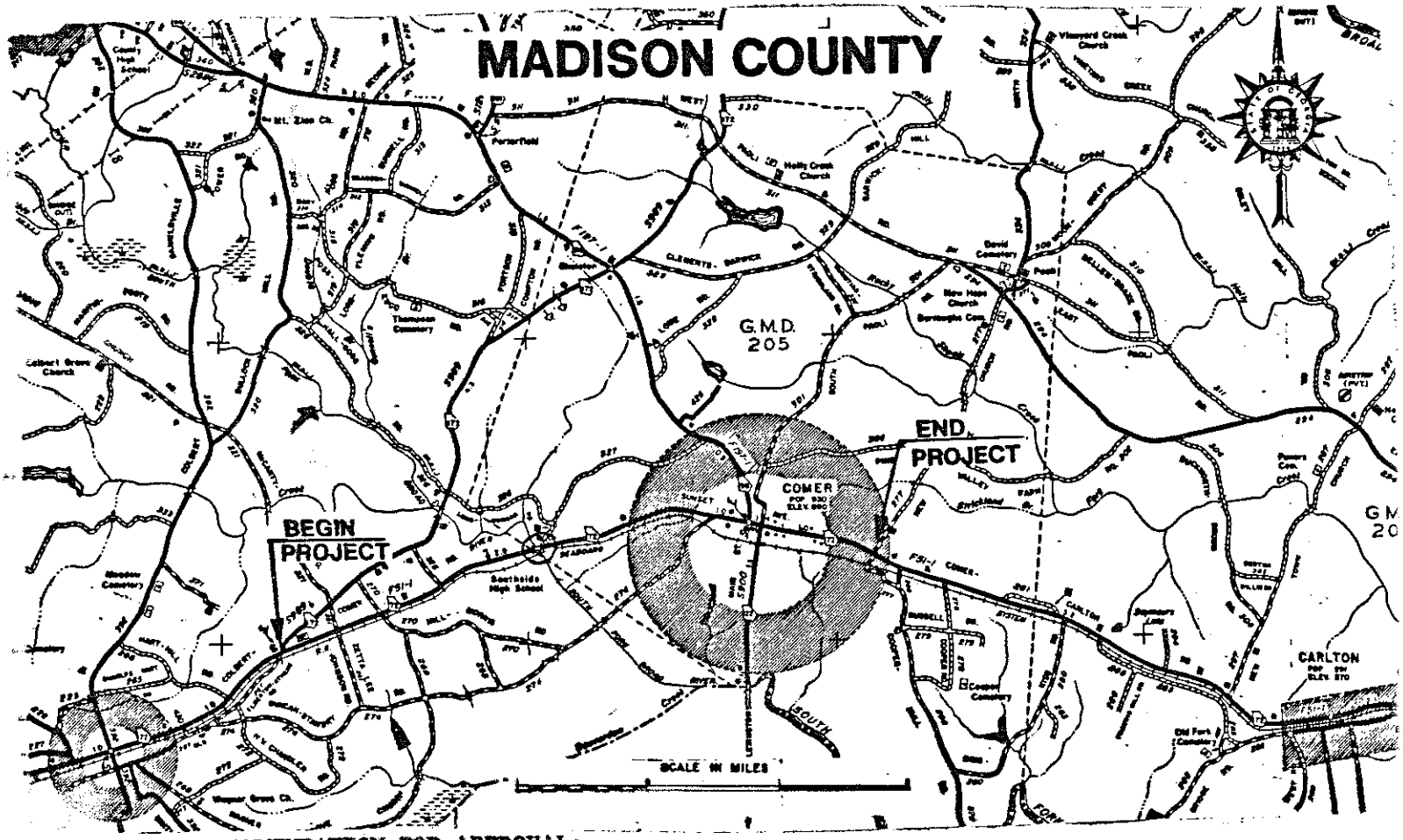
(#863)

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT

MAY 1991
Engineering Services
D. O. T.

Project Number:	EDS-72(28)
County:	MADISON
P.I. Number:	122100
Federal Route Number:	F 51-1
State Route Number:	72



RECOMMENDATION FOR APPROVAL:

5/10/91
DATE

Frank L. Ouchetto
STATE ENVIRONMENTAL/LOCATION ENGINEER

DATE

STATE ROAD AND AIRPORT DESIGN ENGINEER

5/22/91
DATE

Ron Colvin
STATE TRAFFIC AND SAFETY ENGINEER

DATE

STATE BRIDGE AND STRUCTURAL DESIGN ENGINEER

DATE

DISTRICT ENGINEER/GAINESVILLE

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-72 (28)
Madison
P.I. No. 122100

OFFICE Atlanta, Ga.

DATE May 16, 1991

FROM Ron Colvin, P.E., State Traffic & Safety Engineer

TO Robert E. Humphrey, P.E., Project Review Engineer

SUBJECT **Project Concept Report Review**

We have reviewed the concept report on the above project for widening and one-way pair system, on new alignment of S.R. 72. The project begins at S.R. 172/S.R. 72 Intersection and continues easterly along S.R. 72 and south of existing S.R. 72, on new alignment for the one-way pair through the City of Comer, Ga. to C.R. 277. Length of project is 4.8 miles. Design speed is 45 - 55 MPH.

A rural five lane section, two 12 ft. lanes in each direction, with a 14 ft. center turn lane is proposed from S.R. 172 to a point 600 ft. west of Ivy St./C.S. 513. From 600 ft. west of Ivy Street to 500 ft. east of Poplar Drive, a one-way pair system is proposed. Existing S.R. 72 from near Poplar Drive to west of Ivy Street would be used as the westbound lanes, two 15 ft. travel lanes will be provided. Eastbound traffic would be served by an Urban section, two 15 ft. travel lanes, on new location which will parallel the Seaboard Railroad on north side through Comer up to Madison Street. From this point, the project turns north to avoid possible contaminated retention ponds and ties back into S.R. 72 east of Poplar Drive. From 550 ft. east of Poplar Drive to C.R. 277, an urban five lane section is proposed, two 12 ft. lanes in each direction, with a 14 ft. center turn lane.

It is noted that S.R. 72 is part of the Governor's Improvement Program (GRIP) and this segment is an important transportation link serving local centers such as Athens and Elberton.

We believe this concept provides for safety and operational capacity. Approval is recommended.

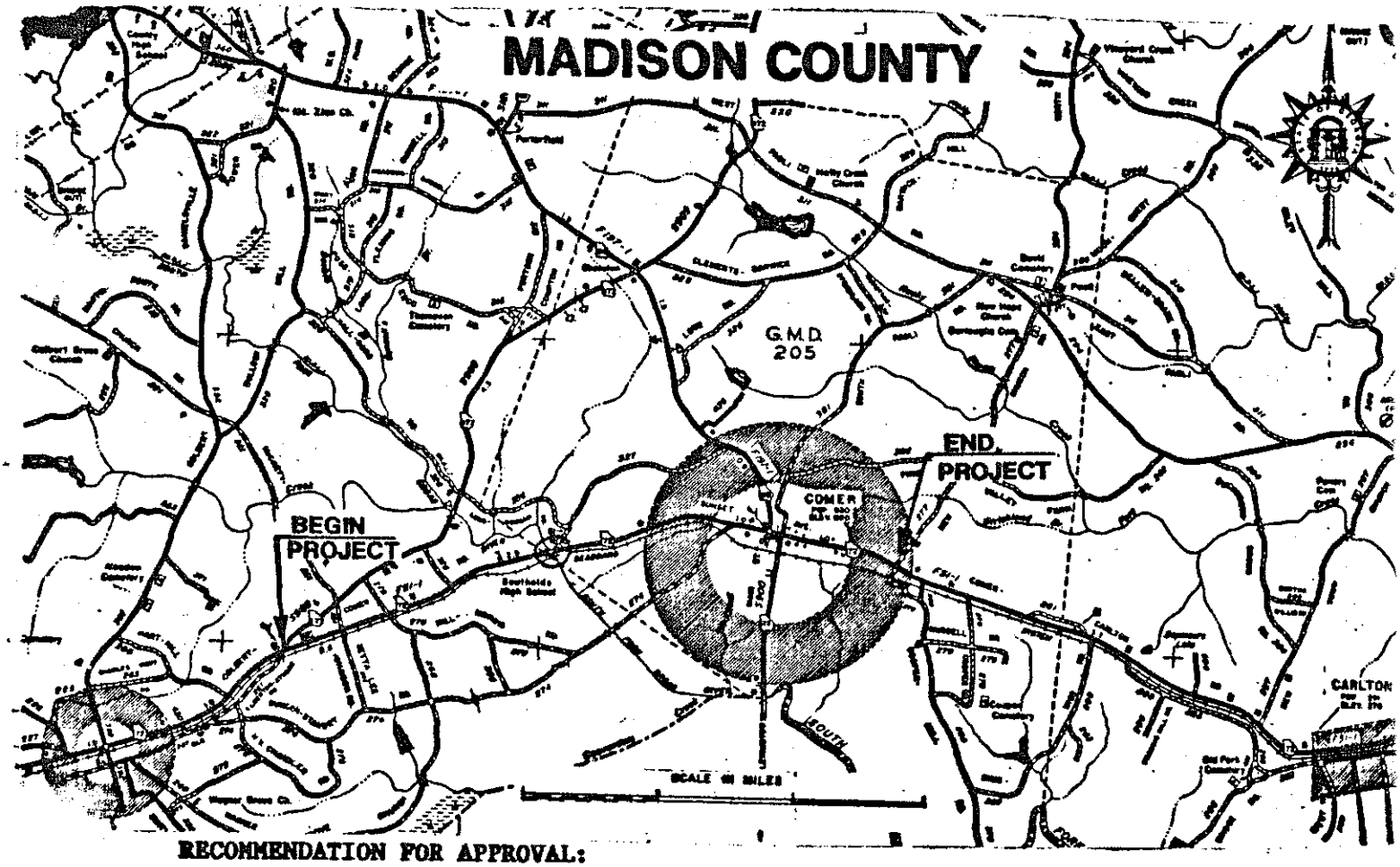
RC:LEO:lw
Attachment (signature page)
cc: Frank Danchetz, P.E., State Environmental/Location Engineer; Hugh Tyner, D.E. - Gainesville

MAY 1991
Engineering Services
D. O. T.

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT

Project Number:	EDS-72(28)
County:	MADISON
P.I. Number:	122100
Federal Route Number:	F 51-1
State Route Number:	72



RECOMMENDATION FOR APPROVAL:

5/10/91
DATE

Frank L. Danchetz
STATE ENVIRONMENTAL/LOCATION ENGINEER

5/21/91
DATE

William Wood
STATE ROAD AND AIRPORT DESIGN ENGINEER

DATE

STATE TRAFFIC AND SAFETY ENGINEER

DATE

STATE BRIDGE AND STRUCTURAL DESIGN ENGINEER

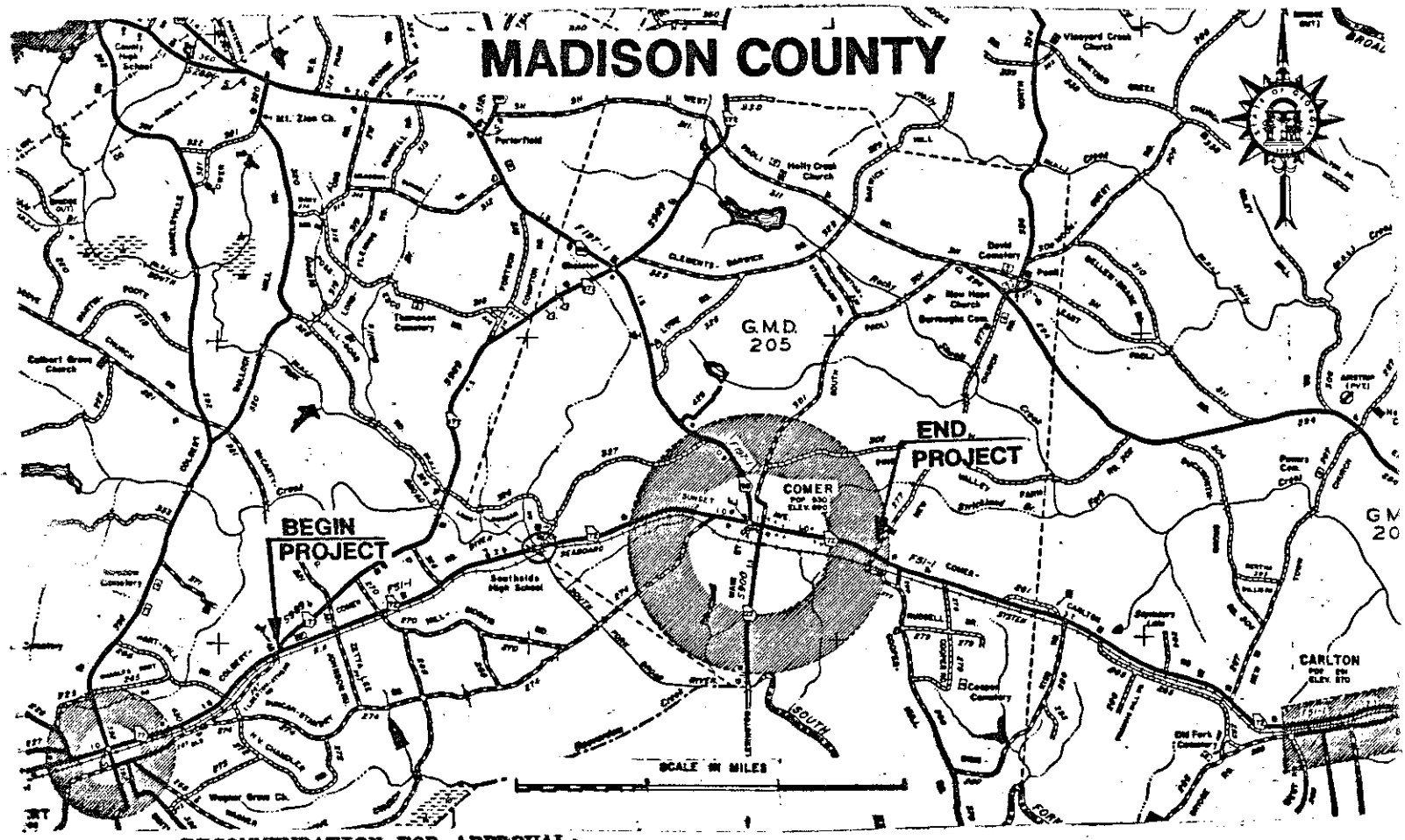
DATE

DISTRICT ENGINEER/GAINESVILLE

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT

Project Number:	EDS-72(28)
County:	MADISON
P.I. Number:	122100
Federal Route Number:	F 51-1
State Route Number:	72



RECOMMENDATION FOR APPROVAL:

5/10/91
DATE

Frank L. Danchetz
STATE ENVIRONMENTAL/LOCATION ENGINEER

DATE

STATE ROAD AND AIRPORT DESIGN ENGINEER

DATE

STATE TRAFFIC AND SAFETY ENGINEER

5/31/91
DATE

Paul V. Liles Jr.
STATE BRIDGE AND STRUCTURAL DESIGN ENGINEER

DATE

DISTRICT ENGINEER/GAINESVILLE

PROJECT DESCRIPTION
EDS-72(28), MADISON COUNTY
P.I. NO. 122100

The proposed project begins at S.R. 172 and proceeds east along the existing S.R. 72 through the city of Comer to CR 277, a distance of 4.8 miles. A rural five lane section is proposed from SR 172 to a point 600 feet west of Ivy St./CS 513. All widening will be on the north side of the existing roadway. From 600 feet west of Ivy St. to 550 feet east of Poplar Drive, a one way pair system would be used. Existing S.R. 72 from near Poplar Dr. to west of Ivy Street would be used as the westbound lanes. Eastbound traffic would be served by an urban two lane section on new location that would parallel the Seaboard System R.R.(CSX) thru Comer up to Madison St. then, turn north avoiding possibly contaminated retention ponds and tie back into SR 72 east of Poplar Drive. From 550' east of Poplar St. to CR 277, an urban five lane section is proposed. Widening will be on the north side up to 300 feet east of Spring Circle and on the south side from there to CR 277.

(#0020)

PROJECT CONCEPT REPORT

DATE: APRIL, 1991

PROJECT NUMBER: EDS-72(28) COUNTY: MADISON

PROJECT NAME: SR 72 IMPROVEMENTS

P.I. NUMBER: 122100 U.S. ROUTE NO: F-51-1 STATE ROUTE NO: 72

LOCATION

FROM SR 172/SR 72 INTERSECTION EAST ALONG SR 72 THROUGH THE CITY OF COMER, GA. TO CR 277. TOTAL LENGTH OF THIS PROJECT IS 4.8 MILES.

TRAFFIC

CURRENT		PROJECTED	
YR	AADT	YEAR	AADT
1990	6100	2010	9000

PDP CLASSIFICATION	FUNCTIONAL CLASSIFICATION
MAJOR WIDENING & NEW LOCATION	RURAL MINOR ARTERIAL

EXISTING TYPICAL SECTION

RURAL 2 TO 3 LANE ROADWAY WITH 2'-8' SHOULDERS ON 60' TO 100' R/W

POSTED SPEED	MAX EXIST DEGREE OF CURVE	MAX EXIST GRADE
35 - 55 MPH	4-00'	6.08 %

EXISTING MAJOR STRUCTURES

RANK	P. RTG	S. RTG	FEATURES INTERSECTED	LENGTH	WIDTH
2031	219.2	71.4	SOUTH FORK BROAD RIVER	220'	44'

PROJECT NEED: SR 72 IS PART OF THE GOVERNOR'S ROAD IMPROVEMENT PROGRAM (GRIP). IT IS AN IMPORTANT TRANSPORTION LINK THAT SERVES BOTH REGIONAL AND LOCAL SERVICE CENTERS SUCH AS ATHENS AND ELBERTON, GEORGIA. UPGRADING SR 72 WILL IMPROVE SAFETY AND INCREASE TRAFFIC CAPACITY.

(#0020)

PROJECT CONCEPT REPORT

PROJECT NUMBER: EDS-72(28) MADISON COUNTY

PROPOSED TYPICAL SECTION

RURAL 5 LANE SECTION ON A MINIMUM 150 FEET OF RIGHTS-OF WAY.

URBAN 2 LANE SECTION ON NEW LOCATION FOR ONE WAY PAIR SYSTEM IN COMER GA.-MIN. 60' R/W

URBAN 5 LANE SECTION ON A MINIMUM 100 FEET OF RIGHTS-OF WAY. COMER GA.

DESIGN SPEED	MAX DEGREE OF CURVE	MAX GRADE
45 - 55 MPH	ALLOWABLE: 6-00'	ALLOWABLE: 4.5 %
	PROPOSED: 4-00'	PROPOSED: 4.5 %

MAJOR STRUCTURES

SOUTH FORK BROAD RIVER - WIDEN EXISTING BRIDGE

EXIST 220' LONG STRUCTURE WILL BE WIDENED FROM 44' WIDE TO 82' WIDE FOR A 5-LANE SECTION

ACCESS: BY PERMIT.

TRAFFIC CONTROL DURING CONSTRUCTION: UTILIZE EXISTING ROADWAY AND CONSTRUCT DETOURS IN THE AREA OF SOUTH FORK BROAD RIVER BRIDGE.

ESTIMATED COST:

CONSTRUCTION:	$ 5,478,369	**RIGHT-OF-WAY:**	$ 1,180,000
E&C (10%):	$ 547,837	**ACQUIRED BY:**	D.O.T.
INFLATION:	$ 561,533	**UTILITIES:**	$ 10,000
2 YRS. @ 5 % PER YEAR		**ADJUSTED BY:**	L.G.P.A. ANTICIPATED

TOTAL CONST. COST: $ 6,587,739

DISPLACEMENTS: 9 RESIDENCES , 3 MOBILE HOMES , 4 COMMERCIAL (VACANT), 2 MISCELLANEOUS BLDG.

LEVEL OF ENVIRONMENTAL ANALYSIS: STATE AID NO ENVIRONMENTAL REQUIRED

LEVEL OF PUBLIC INVOLVEMENT: A PUBLIC HEARING WILL BE SCHEDULED

TIME SAVING PROCEDURES APPROPRIATE: NO

DESIGN VARIATIONS REQUIRED: NONE

(#0020)

PROJECT CONCEPT REPORT

PROJECT NUMBER: EDS-72(28) MADISON CO.

OTHER PROJECTS IN AREA: EDS-72(25) ELBERT CO. P.I.# 162270 EDS-72(26) CLARKE-MADISON COS. P.I.# 121920

CONCEPT TEAM MEETING DATE: MARCH 20, 1991

PERMITS REQUIRED (4f, COE, 404, etc.): COE 404 -LESS THAN 1 ACRE.

UNDERGROUND STORAGE TANKS: 5 POSSIBLE SITES- SR 72/SR 172 INTERSECTION, 1200' EAST OF SR 172, 1200' EAST OF CR 270, 200' WEST OF IVY ST/CS 513, SR 72/CR 277 INTERSECTION.

HAZARDOUS WASTE SITES: 2 POSSIBLE SITES- OLD CHEMICAL TANKS NEXT TO THE RAILROAD BETWEEN MAIN ST. AND MADISON ST. AND ACID RETENTION PONDS NEXT TO THE RAILROAD BETWEEN OAK ST. AND RAILROAD AVENUE.

OTHER ALTERNATES CONSIDERED: ALTERNATES WERE CONSIDERED UTILIZING A 4 LANE DIVIDED WITH A 44' MEDIAN UP TO THE COMER CITY LIMITS, THEN A URBAN 5 LANE SECTION ALONG EXISTING SR 72. ALSO, AN URBAN 5-LANE SECTION ON NEW LOCATION PARALLELING THE SEABOARD SYSTEM RAILROAD.

A COMBINATION OF THE 4 LANE DIVIDED/ 44' MEDIAN AND A RURAL 5 LANE SECTION UP TO COMER WAS ALSO CONSIDERED WITH THE SAME TYPICAL SECTIONS THRU COMER MENTIONED ABOVE.

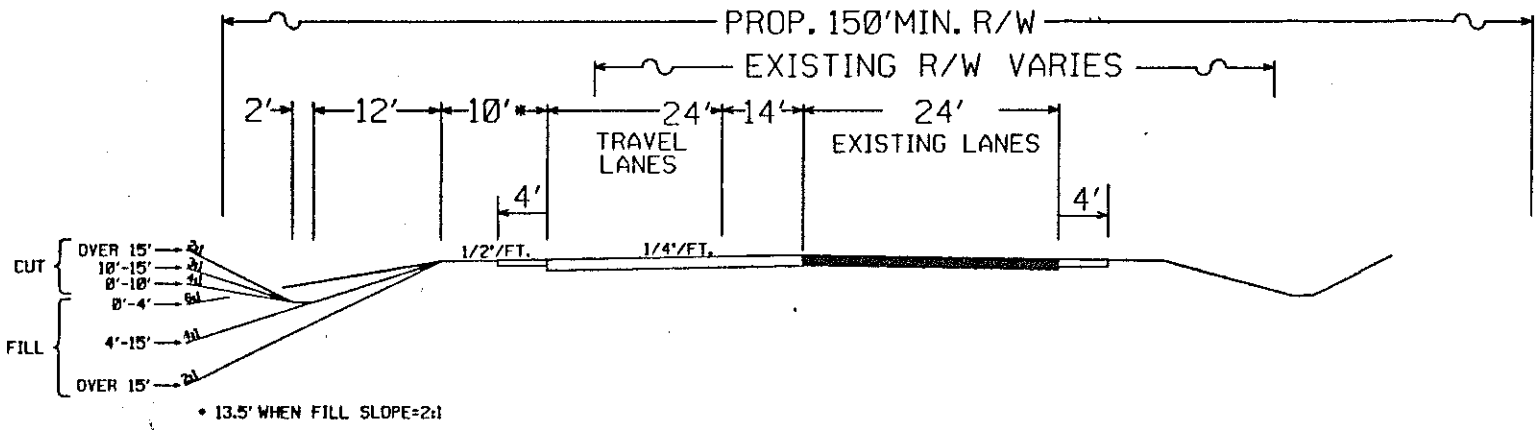
COMMENTS: THE CITY RECINDED A RESOLUTION PASSED ON DECEMBER 5, 1989 REQUESTING SR 72 TO BE RELOCATED TO PARALLEL THE SEABOARD SYSTEM RAILROAD THRU COMER. THE CITY REQUESTS A BYPASS BE STUDIED AND PRESENTED AT THE PUBLIC HEARING. DETOURS WILL BE REQUIRED TO RECONSTRUCT SUBSTANDARD GRADES AND CREST VERTICALS IN THE AREA OF THE SOUTH FORK BROAD RIVER BRIDGE.

ATTACHMENTS: COST ESTIMATE

TYPICAL SECTION

STRIP MAP

TEAM MEETING

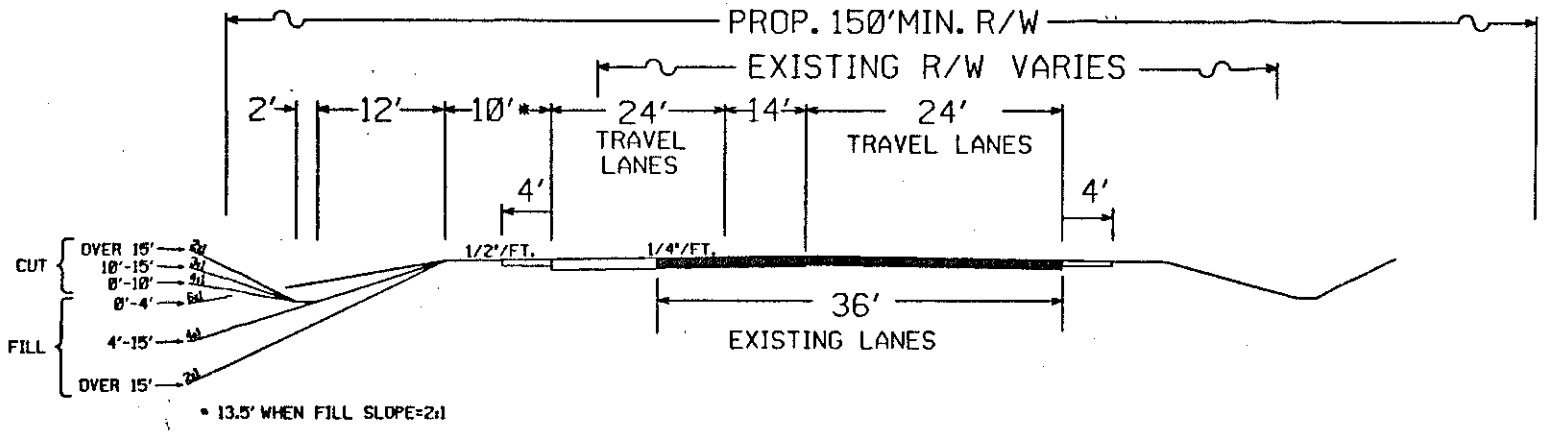


TYPICAL CROSS SECTION

EDS-72(28), MADISON CO.
S.R. 72 IMPROVEMENTS

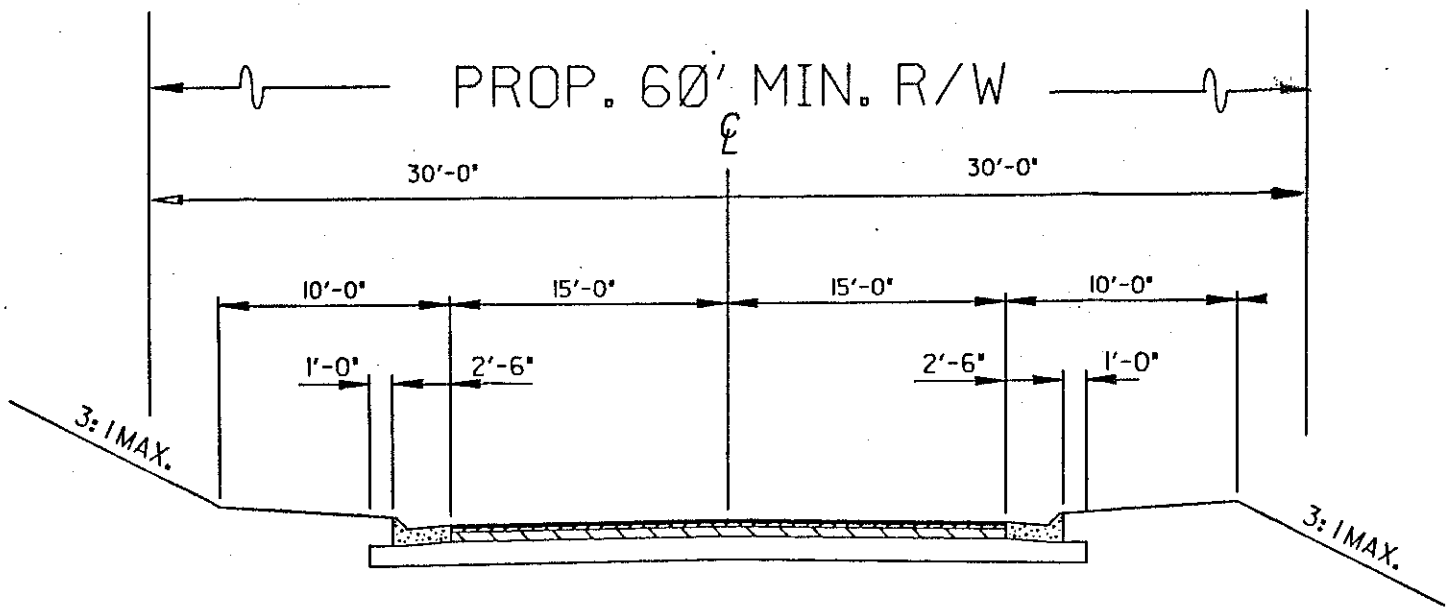
FROM SR 172 TO CR 221

FROM 1800' EAST OF CR 325 TO 600' WEST OF IVY ST.



TYPICAL CROSS SECTION
EDS-72(28), MADISON CO.
S.R. 72 IMPROVEMENTS

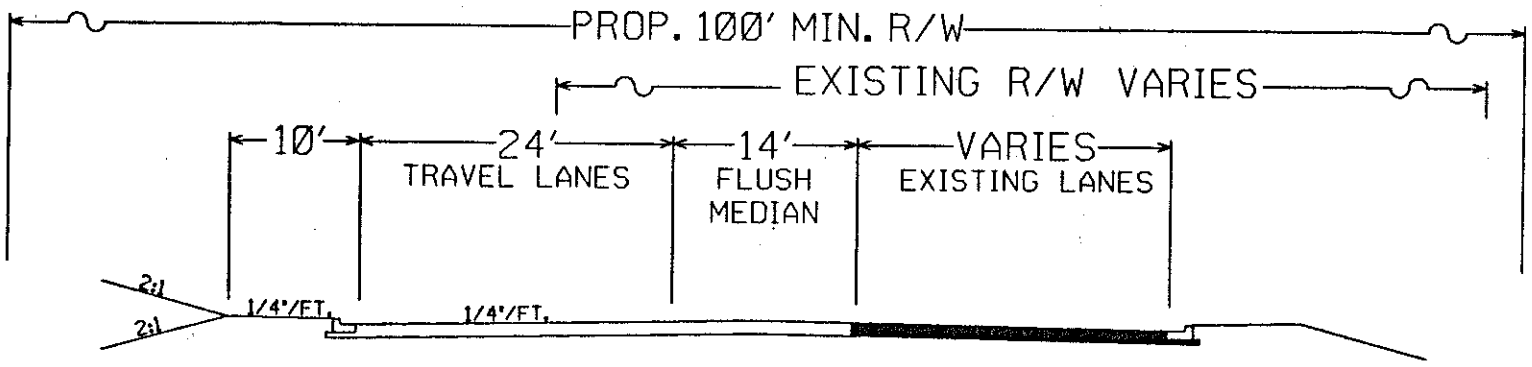
FROM 221 TO 1800' EAST OF CR 325



TYPICAL CROSS SECTION

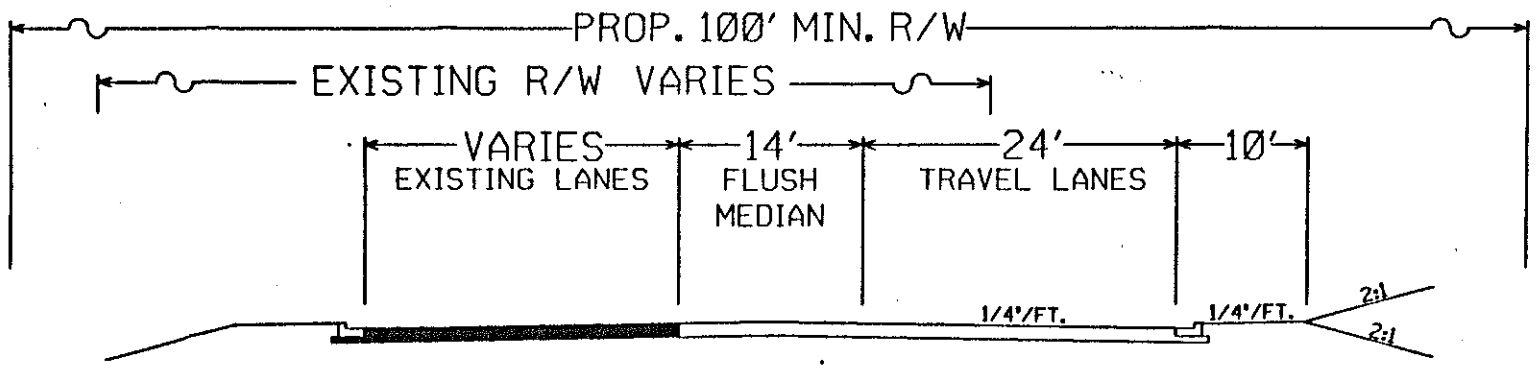
EDS-72(28), MADISON CO.
S.R. 72 IMPROVEMENTS

600' WEST OF IVY ST.TO 550' EAST OF POPLAR ST.



TYPICAL CROSS SECTION
EDS-72(28), MADISON CO.
S.R. 72 IMPROVEMENTS

550' EAST OF POPLAR ST. TO 300' EAST OF SPRING CIRCLE



TYPICAL CROSS SECTION
EDS-72(28), MADISON COUNTY
S.R. 72 IMPROVEMENTS

300' EAST OF SPRING CIRCLE TO CR 277

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-72(28) Madison County
P.I. No. 122100

OFFICE Atlanta

DATE May 21, 1991

FROM Walker W. Scott, P.E., State Road & Airport Design Engineer RH

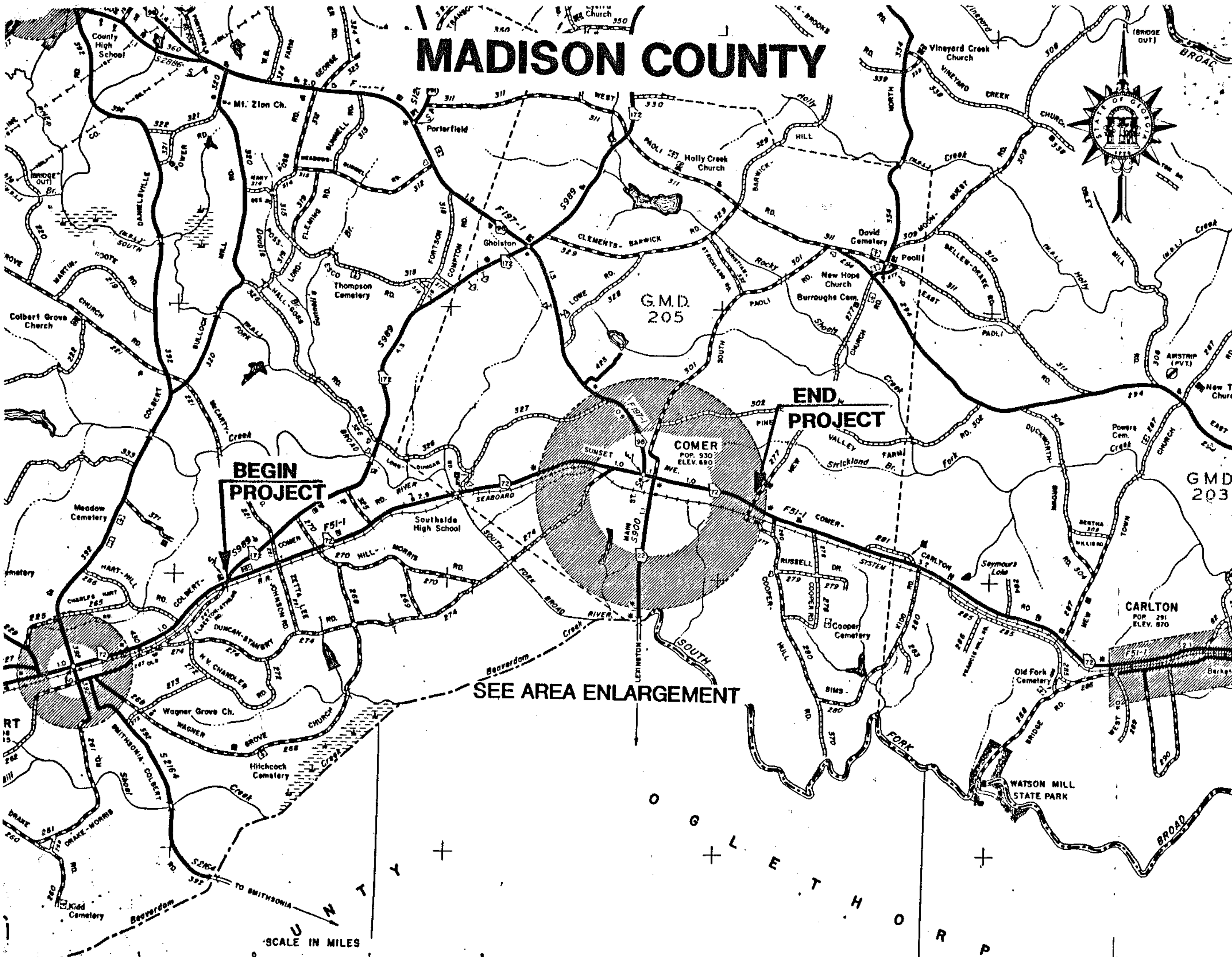
TO Robert Humphrey, Project Review Engineer

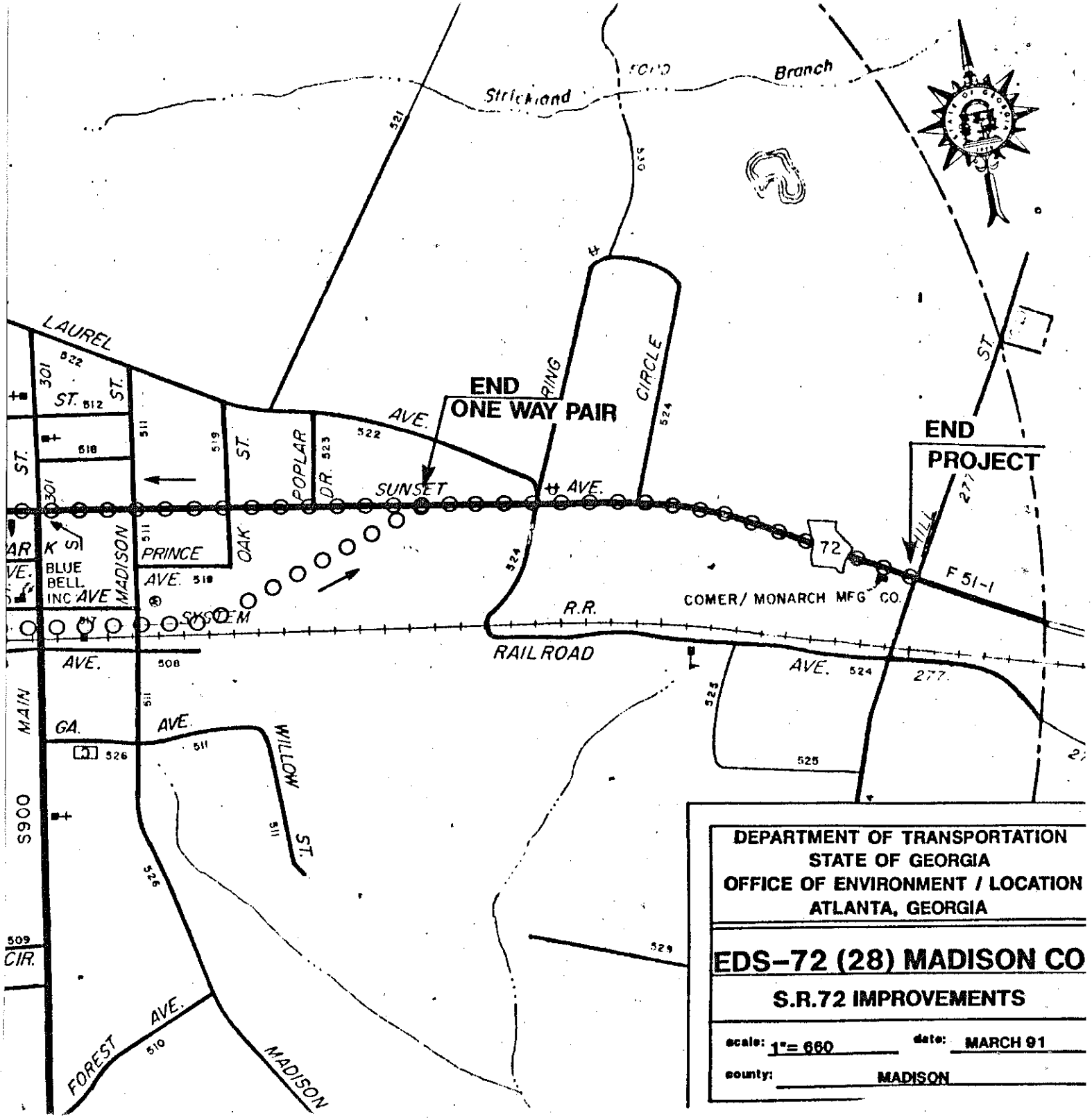
SUBJECT Concept Report - SR 72 Improvements - Comer, Georgia

This office has reviewed the concept report on the above numbered project and concurs with the report as written.

Attached for your use is a signed Concept Report Cover Sheet.

WWS:bc
Attachment


MADISON COUNTY
BEGIN PROJECT
END PROJECT
SEE AREA ENLARGEMENT
COMER
POP. 930
ELEV. 690
CARLTON
POP. 291
ELEV. 870
G.M.D. 205
GMD 203
Colbert Grove Church
Meadow Cemetery
Southside High School
Thompson Cemetery
Gholston
Porterfield
Mt. Zion Ch.
County High School
Holly Creek Church
Vineyard Creek Church
David Cemetery
Paoli
New Hope Church
Burroughs Cem.
New Town Church
Powers Cem.
Seymours Lake
Cooper Cemetery
Old Fork Cemetery
WATSON MILL STATE PARK
Wagner Grove Ch.
Hitchcock Cemetery
Kidd Cemetery
AIRSTRIP (PVT.)
TO SMITHSONIA
SCALE IN MILES
O G L E T H O R P
U N T Y


Strickland
Branch
LAUREL
AVE.
END
ONE WAY PAIR
RING
CIRCLE
END
PROJECT
SUNSET
AVE.
ST.
POPLAR
OAK
PRINCE
AVE.
MADISON
AVE.
BLUE
BELL,
INC
72
COMER/ MONARCH MFG CO.
R.R.
RAILROAD
SYSTEM
MAIN
S900
GA.
AVE.
WILLOW
ST.
FOREST
AVE.
MADISON
CIR.
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE OF ENVIRONMENT / LOCATION
ATLANTA, GEORGIA
EDS-72 (28) MADISON CO
S.R.72 IMPROVEMENTS
scale: 1"= 660
date: MARCH 91
county: MADISON

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-72(28), Madison County
P.I. No. 122100

OFFICE Environment/Location

DATE April 3, 1991

FROM Anthony Robinson, T.E. I

TO Distribution

SUBJECT Team Meeting Minutes - S.R. 72 in Comer

Date: March 20, 1991
Time: 2:00 p.m.
Place: Office of Environment/Location conference room
In attendance:
Local Government, City of Comer, Georgia
Dudley R. Hartel, Mayor; Frank Cauthers, Bobby McCannon, Grayson Riner - City Council; Gerald Ingram - Planning Commission; Gerald Kemp - Public Works; Steve Sorrells - City Clerk; Bill Madden - Madison County
Department of Transportation
Walker Scott, Mike Gannanway - Road Design; Hugh Tyner, Doug Williams, Joe Fletcher - Gainesville District; Melvin Collins - Office of Materials & Research; Percy Middlebrooks - Programming; Louis Owens - Traffic & Safety; Wayne Hutto - Preconstruction; Guy Gaskins, Bayne Smith - Planning; Lori Spiegel - Rights of Way; Frank Danchetz, David Studstill, Jerry Hobbs Bascombe Hughes, Anthony Robinson - Environment/Location.

The proposed project begins at S.R. 172 and proceeds east along the existing S.R. 72 to a point near the western city limits of Comer. A rural five lane concept is proposed with all widening, on the north side of existing S.R. 72. Near the western city limits a one way pair system would begin. Existing S.R. 72 would be used as the westbound lanes. Eastbound traffic would be served by an alternate on new location that would follow the same alignment the city suggested up to the retention ponds. There, the proposed roadway would turn north avoiding the ponds, and tie back into S.R. 72 550 feet east of Poplar Street. From there, S.R. 72 would be widened to urban five lane section to C.R. 277.

A 55 mph speed design is proposed outside the city limits of Comer, inside the city limits a 45 mph speed design is proposed. Access will be by permit. Projected traffic for (1990) is 5700 AADT and for (2010) is 8600 AADT.

Comments - Local Government
Dudley Hartel, Mayor of Comer - A local public meeting was held Tuesday night 3/19/91 to solicit input from the citizens of Comer.

- Council rescinded resolution passed on December 5, 1989, requesting a relocation of S.R. 72 to parallel the railroad tracks through Comer.

Continued

- Council wants a bypass considered. Frank stated that we would bring alternatives studied to public hearing. Also, DOT does not abandon existing corridors unless there is feasible justification.

- Council wanted to know about schedule for the project. Frank stated that it depends on money allocated

- City Clerk wanted to know when will they be able to work with us in regards to utilities; they need to locate major utilities conflicting with project. Response was that utilities would be handled by Local Government Project Agreement.

- Local government requested copies of preliminary concept.

- Want railroad crossing on Madison Street closed because they feel it is dangerous. Responded that a traffic study would have to be completed.

- Stated that pedestrian traffic is heavy in Comer and that sidewalk should be included in the concept.
Walker Scott stated that sidewalks could be included but would have to be funded by another source.
Wayne Hutto stated that the project may be submitted for Federal Aid

AR/cdm

Distribution: Wayne Hutto
Peter Malphurs/Attn: Melvin Collins
Herman Griffith
Kirby Hamil
Walker Scott
Paul Liles
Ronald Colvin
Robert Humphrey
Dudley Ellis
Don Welch
Toni Dunagan
Ron Brown
Wink Kirk
Hugh Tyner/Gainesville
Frank Golder

PRELIMINARY COST ESTIMATE

OFFICE OF ENVIRONMENT/LOCATION

P.I. NO: 122100 REVISED: _

PROJECT NO: EDS-72(28) REVISED: _

PROJECT NAME: SR 72 IMPROVEMENTS REVISED: _

COUNTY: MADISON DATE: 05-06-1991

PROJECT DESCRIPTION: FROM SR 172 TO CR 220 AND FROM 1800 FEET EAST OF CR 325 PROCEEDING EASTERLY ALONG SR 72 TO A POINT 600 FEET WEST OF IVY ST./CS 513.

TYPICAL SECTION LENGTH: 2.000 MILES

TYPICAL SECTION: RURAL WIDENING-2 TO 4 LANES WITH 14' FLUSH MEDIAN & 150' MIN R/W

EXISTING ROADWAY (If Applicable): SR 72 - 2 LANE - RURAL TYPICAL SECTION

TRAFFIC:

INITIAL DESIGN YEAR: 1990 DAILY VOLUME (AADT): 6,100

FINAL DESIGN YEAR: 2010 DAILY VOLUME (AADT): 9,000

( )PROGRAMMING PROCESS (X)PRE-PROGRAMMING PROCESS ( )FEASIBILITY STUDY

COMMENTS: NONE

PREPARED BY: ROBINSON

PROJECT COSTS

A. RIGHT-OF-WAY	
1. PROPERTY (Land and Easements)	$ 0
2. DISPLACEMENTS	$ 0
3. OTHER COST	$ 0
SUBTOTAL	$ 0
B. REIMBURSABLE UTILITIES	
1. RAILROAD	$ 0
2. TRANSMISSION LINES	$ 0
3. SERVICES	$ 0
SUBTOTAL	$ 0
C. MAJOR STRUCTURES	
1. WALLS	$ 0
2. BRIDGE STREAM CROSSING 220' L X 38' W	$ 334,400
3. BRIDGE OVER/UNDERPASS	$ 0
4. BOX CULVERTS	$ 50,000
SUBTOTAL	$ 384,400

D. GRADING AND DRAINAGE

1. EARTHWORK

a. UNCLASSIFIED EXCAVATION — $ 289,187
150,000 CY @ $1.53 + 15,000 CY @ $4.00

b. BORROW EXCAVATION — $ 0
0 CY @ $0.00

2. DRAINAGE

a. MINOR DRAINAGE (INCLUDING CROSS DRAIN PIPES & LONGITUDINAL SYSTEM) — $ 68,000
2.000 MILES @ $34,000

b. CURB AND GUTTER — $ 0
0 LF @ $8.22

SUBTOTAL $ 357,187

E. BASE AND PAVING

1. GRADED AGGREGATE BASE — $ 304,449
10.00" -- 26,566 T @ $11.46

2. ASPHALT PAVING

a. ASPHALTIC CONCRETE "E" — $ 257,829
2.00" -- 8,002 T @ $32.22

b. ASPHALTIC CONCRETE "B" — $ 148,872
2.00" -- 4,948 T @ $30.09

c. ASPHALTIC CONCRETE BASE — $ 519,959
7.00" -- 17,843 T @ $29.14

d. BITUMINOUS TACK COAT — $ 7,795
9,623 G @ $0.81

3. CONCRETE PAVING — $ 0

4. OTHER PAVING — $ 173,890

SUBTOTAL $ 1,412,793

F. LUMP ITEMS

1.	TRAFFIC CONTROL	$ 27,000
2.	CLEARING AND GRUBBING 22 ACRES @ $4,700	$ 102,545
3.	LANDSCAPING 2.000 MILES @ $12,000	$ 24,000
4.	EROSION CONTROL 2.000 MILES @ $15,000	$ 30,000
5.	DETOURS (INCL. TEMP. BRIDGES)	$ 50,000
	SUBTOTAL	$ 233,545

G. MISCELLANEOUS

1.	LIGHTING	$ 0
2.	SIGNING/STRIPING 2.000 MILES @ $30,000	$ 60,000
3.	GUARDRAIL 1,000 LF @ $9.00 + 6 ANCHORS @ $701	$ 13,206
4.	OTHER 2.000 MILES @ $51,000	$ 102,000
	SUBTOTAL	$ 175,206

H. SPECIAL FEATURES $ 0

ESTIMATE SUMMARY

A. RIGHT-OF-WAY	$	0
B. REIMBURSABLE UTILITIES	$	0

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	$	384,400
D. GRADING AND DRAINAGE	$	357,187
E. BASE AND PAVING	$	1,412,793
F. LUMP ITEMS	$	233,545
MISCELLANEOUS	$	175,206
H. SPECIAL FEATURES	$	0
SUBTOTAL CONSTRUCTION COST	$	2,563,132
INFLATION (5% per year)	$	262,721 2 yr(s)
E. & C. (10%)	$	256,313
TOTAL CONSTRUCTION COST	$	3,082,166

GRAND TOTAL CONSTRUCTION COST $ 3,082,166

PRELIMINARY COST ESTIMATE

OFFICE OF ENVIRONMENT/LOCATION

P.I. NO: 122100 REVISED:_

PROJECT NO: EDS-72(28) REVISED:_

PROJECT NAME: SR 72 IMPROVEMENTS REVISED:_

COUNTY: MADISON DATE: 05-07-1991

PROJECT DESCRIPTION: FROM CR 221 TO 1800 FEET EAST OF CR 325 .

TYPICAL SECTION LENGTH: 1.200 MILES

TYPICAL SECTION: RURAL WIDENING-2 TO 4 LANES WITH NO MEDIAN & 150' MIN R/W

EXISTING ROADWAY (If Applicable): SR 72 - 3- LANE RURAL TYPICAL SECTION

TRAFFIC:

INITIAL DESIGN YEAR: 1990 DAILY VOLUME (AADT): 6,100

FINAL DESIGN YEAR: 2010 DAILY VOLUME (AADT): 9,000

( )PROGRAMMING PROCESS (X)PRE-PROGRAMMING PROCESS ( )FEASIBILITY STUDY

COMMENTS: NONE

PREPARED BY: ROBINSON

PROJECT COSTS

A. RIGHT-OF-WAY

1. PROPERTY (Land and Easements)	$ 0
2. DISPLACEMENTS	$ 0
3. OTHER COST	$ 0
SUBTOTAL	$ 0

B. REIMBURSABLE UTILITIES

1. RAILROAD	$ 0
2. TRANSMISSION LINES	$ 0
3. SERVICES	$ 0
SUBTOTAL	$ 0

C. MAJOR STRUCTURES

1. WALLS	$ 0
2. BRIDGE STREAM CROSSING	$ 0
3. BRIDGE OVER/UNDERPASS	$ 0
4. BOX CULVERTS	$ 0
SUBTOTAL	$ 0

D. GRADING AND DRAINAGE

1. EARTHWORK

a. UNCLASSIFIED EXCAVATION — $ 80,941
45,000 CY @ $1.80 + 0 CY @ $0.00

b. BORROW EXCAVATION — $ 0
0 CY @ $0.00

2. DRAINAGE

a. MINOR DRAINAGE (INCLUDING CROSS DRAIN PIPES & LONGITUDINAL SYSTEM) — $ 32,400
1.200 MILES @ $27,000

b. CURB AND GUTTER — $ 0
0 LF @ $8.22

SUBTOTAL $ 113,341

E. BASE AND PAVING

1. GRADED AGGREGATE BASE — $ 120,547
10.00" -- 10,519 T @ $11.46

2. ASPHALT PAVING

a. ASPHALTIC CONCRETE "E" — $ 149,707
2.00" -- 4,646 T @ $32.22

b. ASPHALTIC CONCRETE "B" — $ 56,701
2.00" -- 1,884 T @ $30.09

c. ASPHALTIC CONCRETE BASE — $ 201,402
7.00" -- 6,912 T @ $29.14

d. BITUMINOUS TACK COAT — $ 4,421
5,458 G @ $0.81

3. CONCRETE PAVING — $ 100,000

4. OTHER PAVING — $ 88,278

SUBTOTAL $ 721,055

F. LUMP ITEMS

1.	TRAFFIC CONTROL	$ 29,200
2.	CLEARING AND GRUBBING 13 ACRES @ $4,700	$ 61,527
3.	LANDSCAPING 1.200 MILES @ $12,000	$ 14,400
4.	EROSION CONTROL 1.200 MILES @ $15,000	$ 18,000
5.	DETOURS (INCL. TEMP. BRIDGES)	$ 0
	SUBTOTAL	$ 123,127

G. MISCELLANEOUS

1.	LIGHTING	$ 0
2.	SIGNING/STRIPING 1.200 MILES @ $23,000	$ 27,600
3.	GUARDRAIL 1,000 LF @ $9.00 + 6 ANCHORS @ $701	$ 13,206
4.	OTHER 1.200 MILES @ $40,000	$ 48,000
	SUBTOTAL	$ 88,806

H. SPECIAL FEATURES $ 0

ESTIMATE SUMMARY

A. RIGHT-OF-WAY	$	0
B. REIMBURSABLE UTILITIES	$	0

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	$	0	
D. GRADING AND DRAINAGE	$	113,341	
E. BASE AND PAVING	$	721,055	
F. LUMP ITEMS	$	123,127	
G. MISCELLANEOUS	$	88,806	
H. SPECIAL FEATURES	$	0	
SUBTOTAL CONSTRUCTION COST	$	1,046,329	
INFLATION (5% per year)	$	107,249	2 yr(s)
E. & C. (10%)	$	104,633	
TOTAL CONSTRUCTION COST	$	1,258,210	

GRAND TOTAL CONSTRUCTION COST $ 1,258,210

PRELIMINARY COST ESTIMATE

OFFICE OF ENVIRONMENT/LOCATION

P.I. NO: 122100 REVISED: _

PROJECT NO: EDS-72(28) REVISED: _

PROJECT NAME: SR 72 IMPROVEMENTS REVISED: _

COUNTY: MADISON DATE: 02-15-1991

PROJECT DESCRIPTION: FROM 600 FEET WEST OF IVY ST./CS 513 TO HILL ST. ADJACENT TO THE SEABOARD SYSTEM R.R. UP TO MADISON ST. THEN NORTHEAST TO SR 72 /POPLAR ST . INTERSECTION. ALONG SR 72 TO HILL ST.

TYPICAL SECTION LENGTH: 0.910 MILES

TYPICAL SECTION: URBAN NEW LOCATION-2-LANES WITH 60' MIN R/W

EXISTING ROADWAY (If Applicable): N/A

TRAFFIC:

INITIAL DESIGN YEAR: 1990 DAILY VOLUME (AADT): 5,700

FINAL DESIGN YEAR: 2010 DAILY VOLUME (AADT): 8,600

(X)PROGRAMMING PROCESS ( )PRE-PROGRAMMING PROCESS ( )FEASIBILITY STUDY

COMMENTS: THIS ESTIMATE IS FOR ONE WAY PAIR SEGMENT ONLY.

PREPARED BY: ROBINSON

PROJECT COSTS

A. RIGHT-OF-WAY

1. PROPERTY (Land and Easements)	$ 0
2. DISPLACEMENTS	$ 0
3. OTHER COST	$ 0
SUBTOTAL	$ 0

B. REIMBURSABLE UTILITIES

1. RAILROAD	$ 0
2. TRANSMISSION LINES	$ 0
3. SERVICES	$ 0
SUBTOTAL	$ 0

C. MAJOR STRUCTURES

1. WALLS	$ 0
2. BRIDGE STREAM CROSSING	$ 0
3. BRIDGE OVER/UNDERPASS	$ 0
4. BOX CULVERTS	$ 0
SUBTOTAL	$ 0

D. GRADING AND DRAINAGE

1. EARTHWORK

a. UNCLASSIFIED EXCAVATION — $ 128,398
50,000 CY @ $1.77 + 10,000 CY @ $4.00

b. BORROW EXCAVATION — $ 0
0 CY @ $0.00

2. DRAINAGE

a. MINOR DRAINAGE (INCLUDING CROSS DRAIN PIPES & LONGITUDINAL SYSTEM) — $ 161,980
0.910 MILES @ $178,000

b. CURB AND GUTTER — $ 78,994
9,610 LF @ $8.22

SUBTOTAL $ 369,372

E. BASE AND PAVING

1. GRADED AGGREGATE BASE — $ 91,415
10.00" -- 7,977 T @ $11.46

2. ASPHALT PAVING

a. ASPHALTIC CONCRETE "E" — $ 45,411
2.00" -- 1,409 T @ $32.22

b. ASPHALTIC CONCRETE "B" — $ 42,998
2.00" -- 1,429 T @ $30.09

c. ASPHALTIC CONCRETE BASE — $ 152,730
7.00" -- 5,241 T @ $29.14

d. BITUMINOUS TACK COAT — $ 1,469
1,813 G @ $0.81

3. CONCRETE PAVING — $ 0

4. OTHER PAVING — $ 83,402

SUBTOTAL $ 417,425

F. LUMP ITEMS

1.	TRAFFIC CONTROL	$ 40,000
2.	CLEARING AND GRUBBING 7 ACRES @ $4,700	$ 31,105
3.	LANDSCAPING 0.910 MILES @ $12,000	$ 10,920
4.	EROSION CONTROL 0.910 MILES @ $15,000	$ 13,650
5.	DETOURS (INCL. TEMP. BRIDGES)	$ 0
	SUBTOTAL	$ 95,675

G. MISCELLANEOUS

1.	LIGHTING	$ 0
2.	SIGNING/STRIPING 0.910 MILES @ $11,500	$ 10,465
3.	GUARDRAIL 1,000 LF @ $9.00 + 6 ANCHORS @ $701	$ 13,206
4.	OTHER 0.910 MILES @ $47,500	$ 43,225
	SUBTOTAL	$ 66,896

H. SPECIAL FEATURES $ 0

ESTIMATE SUMMARY

A. RIGHT-OF-WAY	$	0
B. REIMBURSABLE UTILITIES	$	0

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	$	0
D. GRADING AND DRAINAGE	$	369,372
E. BASE AND PAVING	$	417,425
F. LUMP ITEMS	$	95,675
G. MISCELLANEOUS	$	66,896
H. SPECIAL FEATURES	$	0
SUBTOTAL CONSTRUCTION COST	$	949,368
INFLATION (5% per year)	$	97,310 2 yr(s)
E. & C. (10%)	$	94,937
TOTAL CONSTRUCTION COST	$	1,141,615

GRAND TOTAL CONSTRUCTION COST $ 1,141,615

PRELIMINARY COST ESTIMATE

OFFICE OF ENVIRONMENT/LOCATION

P.I. NO: 122100 REVISED: _

PROJECT NO: EDS-72(28) REVISED: _

PROJECT NAME: SR 72 IMPROVEMENTS REVISED: _

COUNTY: MADISON DATE: 02-15-1991

PROJECT DESCRIPTION: FROM POPLAR ST. TO HILL ST. ALONG SR 72.

TYPICAL SECTION LENGTH: 0.690 MILES

TYPICAL SECTION: URBAN-WIDENING-2 TO 4 LANES WITH 14' FLUSH MEDIAN & 90' MIN R/W

EXISTING ROADWAY (If Applicable): SR 72

TRAFFIC:

INITIAL DESIGN YEAR: 1990 DAILY VOLUME (AADT): 6,100

FINAL DESIGN YEAR: 2010 DAILY VOLUME (AADT): 9,000

(X)PROGRAMMING PROCESS ( )PRE-PROGRAMMING PROCESS ( )FEASIBILITY STUDY

COMMENTS: _
HIS SEGMENT IS FOR WIDENING ALONG SR 72 AFTER ONE WAY PAIR TIES

BACK INTO SR 72 .

PREPARED BY: ROBINSON

PROJECT COSTS

A. RIGHT-OF-WAY

1. PROPERTY (Land and Easements)	$ 0
2. DISPLACEMENTS	$ 0
3. OTHER COST	$ 0
SUBTOTAL	$ 0

B. REIMBURSABLE UTILITIES

1. RAILROAD	$ 0
2. TRANSMISSION LINES	$ 0
3. SERVICES	$ 0
SUBTOTAL	$ 0

C. MAJOR STRUCTURES

1. WALLS	$ 0
2. BRIDGE STREAM CROSSING	$ 0
3. BRIDGE OVER/UNDERPASS	$ 0
4. BOX CULVERTS	$ 0
SUBTOTAL	$ 0

F. LUMP ITEMS

1. TRAFFIC CONTROL		$ 32,760
2. CLEARING AND GRUBBING	3 ACRES @ $4,700	$ 11,793
3. LANDSCAPING	0.690 MILES @ $8,500	$ 5,865
4. EROSION CONTROL	0.690 MILES @ $12,000	$ 8,280
5. DETOURS (INCL. TEMP. BRIDGES)		$ 0
	SUBTOTAL	$ 58,698

MISCELLANEOUS

1. LIGHTING		$ 0
2. SIGNING/STRIPING	0.690 MILES @ $30,000	$ 20,700
3. GUARDRAIL	1,000 LF @ $9.00 + 6 ANCHORS @ $701	$ 13,206
4. OTHER	0.690 MILES @ $115,000	$ 79,350
	SUBTOTAL	$ 113,256

H. SPECIAL FEATURES $ 0