

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

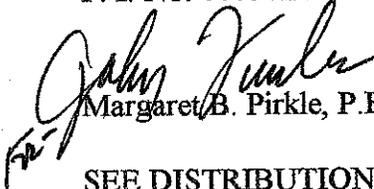
INTERDEPARTMENT CORRESPONDENCE

FILE NHS-0003-00(621) McDuffie County
P. I. No. 0003621

OFFICE Preconstruction

DATE January 16, 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 Keeper
Jerry Hobbs
Percy Middlebrooks
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
Mike Thomas
BOARD MEMBER
FHWA

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: NHS-0003-00(621) McDuffie County **OFFICE** Preconstruction
P.I. No. 0003621

DATE September 6, 2002

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

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

SUBJECT PROJECT CONCEPT REPORT

This project is the construction of a new interchange over I-20 at the proposed Thomson West Bypass (existing Three Points Road overpass), 3.0 miles west of the I-20/US 78 interchange. This project also includes the widening and reconstruction of Three Points Road from SR 223 to just north of the proposed interchange. Currently, Three Points Road consists of two lane rural roadway on 80' of existing right-of-way and will be part of the Thomson West Bypass alignment. The existing I-20 consists of two, 12' lanes in each direction separated by a depressed grassed median. The proposed new interchange, in conjunction with the proposed Thomson West Bypass (under construction), will provide a more direct route for truck traffic from I-20 to the industrial development on the west side of the city. Traffic estimates are as follows: I-20 - 25,300 VPD (2005) and 42,400 VPD (2025); Thomson West Bypass - 5,200 VPD (2005) and 8,600 VPD (2025). The design speeds are 70 MPH for I-20, 55 MPH for Thomson West Bypass (mainline), and ~~45~~⁵⁰ MPH for interchange ramps.

The proposed project will construct a full diamond interchange with one full lane movement in each quadrant. Additional width pavement will be provided at the crossroad ramp termini to facilitate traffic turning movements. The existing bridge over I-20 will be replaced because of substandard vertical clearance. The construction proposes to construct a new 283' x 62.25' concrete bridge over I-20 at the existing bridge site. The ramp typical section will consist of 16' pavement (single lane) with 10' paved outside and 6' paved inside shoulders. The Thomson West Bypass (Three Points Road), will consist of one, 12' lane in each direction with left and right turn lanes as required and 12' shoulders (6.5' paved). Access control will be limited (the access break has been approved) at the interchange. Traffic will be maintained at all times on I-20 and Three Points Road will be closed during construction.

Environmental concerns include requiring a Categorical Exclusion be prepared; a public information meeting will be held; time saving procedures are appropriate.

Frank L. Danchetz

Page 2

NHS-0003-00(621) McDuffie

September 6, 2002

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$7,106,000	\$10,000,000	LR	LR
Right-of-Way & Utilities*	Local	Local		

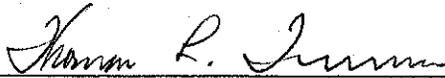
*McDuffie County signed PMA on 2-6-02 to be responsible for PE, right-of-way, and utilities.

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

MBP:JDQ/cj

Attachment

CONCUR



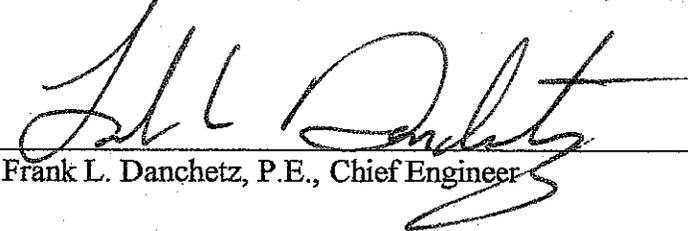
Thomas L. Turner, P.E., Director of Preconstruction

APPROVE



per Robert M. Callan, P.E., Division Administrator, FHWA

APPROVE



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

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE: NHS-0003-00(621) McDuffie
P.I. Number 0003621

OFFICE: Engineering Services

DATE: August 22, 2002

FROM: David Mulling, Project Review Engineer *AEW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

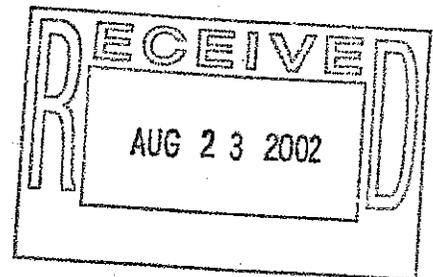
We have reviewed the concept report submitted August 2, 2002 by the letter from George Brewer dated August 1, 2002, and have no additional comments.

The costs for the project are:

Construction	\$5,650,319
Inflation	\$890,632
E&C	\$565,032
Reimbursable Utilities	LGPA
Right of Way	\$243,040 – LGPA signed by McDuffie County

DTM

c: Mike Thomas, Attn: George Brewer



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE NHS-0003-00(621) McDuffie County
P.I. No. 0003621

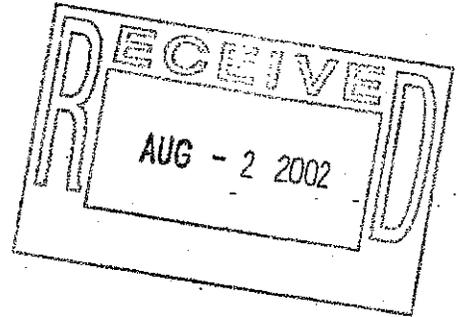
OFFICE Tennille

DATE August 1, 2002

FROM *GMB* George M. Brewer, District Design Engineer

TO Wayne Hutto, P.E., Assistant Director of Preconstruction

SUBJECT **CONCEPT REPORT**



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

If any further assistance is needed, please contact George Brewer at (478) 552-4642.

GMB

- cc: David Mulling
- Harvey Keepler
- Phillip Allen
- Marta Rosen
- Herman Griffin
- Paul Liles

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Two Design Office

PROJECT CONCEPT REPORT

Project Number: NHS-0003-00 (621)

County: McDuffie

P. I. Number: 0003621

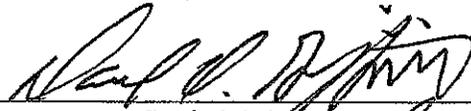
Federal Route Number: I-20

State Route Number: S.R. 402

*See Project location sketch on Page 2
I-20/Thomson West Bypass(Three Points Rd) Interchange*

Recommendation for approval:

DATE 8/1/02


Project Manager

DATE 8-1-02


District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

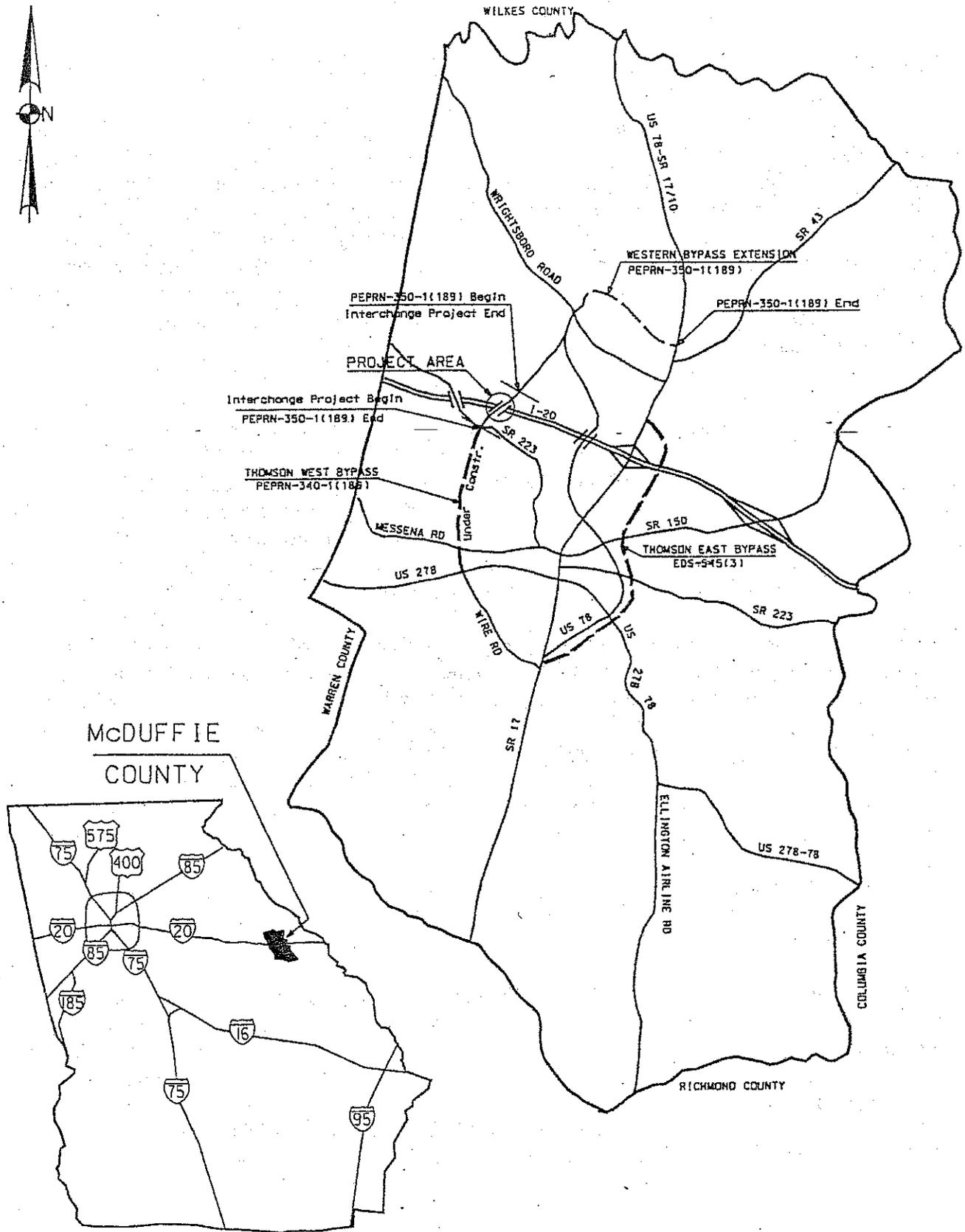
State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer



NOT TO SCALE

PROJECT CONCEPT REPORT
McDUFFIE COUNTY, GEORGIA

PROJECT LOCATION SKETCH

Project Concept Report page 3
Project Number: NHS-0003-00 (621)
P. I. Number: 0003621
County: McDuffie

Need and Purpose: The purpose of this project is to provide additional access to I-20. There is a need to provide a bypass for north-south through traffic, which currently uses S.R. 17 and U.S. 78, around the City of Thomson, Georgia. Due to McDuffie County's population and employment growth, traffic on S.R. 17 through Thomson is expected to increase 90% by 2025. The primary origin and destination for much of the increased traffic is I-20. Providing an additional access point on I-20 will reduce the traffic on S.R. 17 and stabilize traffic growth on roadways through Thomson. The addition of this interchange and the Thomson West Bypass will provide a more direct access route for truck traffic from I-20 to the industrial development on the west side of the city. With the inability to widen S.R. 17 through downtown Thomson, the interchange is the only feasible traffic improvement to correct most of the traffic safety problems caused by high truck traffic through the City of Thomson.

Three Points Road begins at S.R. 223 and ends at Wrightsboro Rd./C.R. 308. Three Points Road has poor horizontal alignment and inadequate pavement composition to operate truck traffic. The proposed concept would improve this two-lane roadway from S.R. 223 to I-20 so that it would be suitable to handle the additional automobile and truck traffic. Therefore, the southern logical termini for this project is S.R. 223. Additionally, the project beginning is at S.R. 223 because it is also the end of the Thomson West Bypass (under construction) that will eventually complete the circular bypass system of roads around the City of Thomson. The northern logical termini for this project is the full-diamond interchange construction area at I-20.

Description of the proposed project: This project consists of the construction of a full-diamond interchange at the existing grade separated crossing of Three Points Road at I-20 and improving Three Points Road from S.R. 223 to the new interchange. The project also includes replacing the existing bridge over I-20, due to a sub-standard vertical clearance. This segment of Three Points Road will be part of the Thomson West Bypass. The proposed location of the interchange is approximately 3 miles ^{west} east of the I-20/U.S. 78 Interchange, and approximately 3 miles ^{west} east of the Warren county line. This project consists of constructing a full-diamond interchange and widening Three Points Road to provide turn lanes at the ramp intersections.

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

PDP Classification: Major

Federal Oversight: Full Oversight (X), Exempt(), State Funded(), or Other ()

Functional Classification: I-20/SR 402
Thomson West Bypass

Interstate principal arterial
Rural major collector

Traffic (AADT):

I-20	Base Year (2005)	25,300	Design Year (2025)	42,400
Thomson West Bypass	Base Year (2005)	5,200	Design Year (2025)	8,600

Existing design features:

Typical Section: I-20 – Two 12-foot lanes in each direction with 4-foot paved inside shoulders, 10-foot paved outside shoulders.

Three Points Road (bridge) - One 12-foot rural lane in each direction with variable width grass shoulders.

	<u>Posted Speed</u>	<u>Max degree of curve</u>	<u>Max grade</u>
• I-20 Mainline	70 mph	Tangent	2%
• Three Points Road	55 mph	4°	2%

<u>Right of way:</u>		
I-20		200-250 ft.
Three Points Road		80 ft.

Major Structures:

Three Points Road Bridge over I-20

<u>Structure I.D. No.</u>	<u>189-0007-0</u>
<u>Sufficiency Rating</u>	<u>80.1</u>
<u>Bridge Type</u>	<u>Steel</u>
<u>No. of spans</u>	<u>2</u>
<u>Length</u>	<u>283'</u>
<u>Maximum Span</u>	<u>91'</u>
<u>Deck Structure Width</u>	<u>32.5'</u>
<u>Roadway Width</u>	<u>30.7'</u>
<u>Minimum Vertical Clearance</u>	<u>16'-11"</u>
<u>Total Horizontal Clearance (under bridge)</u>	<u>86'</u>
<u>Skew</u>	<u>24°</u>

Proposed Design Features:

Typical Section: I-20 – Two 12-foot lanes in each direction with 4-foot paved inside shoulders, 12-foot paved outside shoulders.

Thomson West Bypass – One 12-foot rural lane in each direction with left and right turn lanes at the ramp intersections and with 10-foot paved shoulders.

	<u>Posted Speed</u>	<u>Max degree of curve</u>		<u>Max grade</u>	
		<u>Allowable</u>	<u>Proposed</u>	<u>Allowable</u>	<u>Proposed</u>
• I-20 Mainline	70 mph	4°	Tangent	4%	2%
• Thomson West Bypass	55 mph	7°	4°	8%	2%

Right of way width:

- Width: I-20 Unchanged
 Thomson West Bypass 100-120 ft.
- Easements: Temporary (x), Permanent (x), Utility (), Other ()
- Type access control: Thomson West Bypass: Full (), Partial (), By Permit (X), Other ()
- Number of parcels impacted: 6 parcels
- Number of displacements: None

New Major Structures:

Thomson West Bypass bridge over I-20 (new)

<u>Bridge Type</u>	<u>Steel Girder</u>
<u>No. of spans</u>	<u>To be determined</u>
<u>Length</u> —	283'
<u>Maximum Span</u>	91
<u>Deck Structure Width</u>	62'-3"
<u>Roadway Width</u>	36'
<u>Minimum Vertical Clearance</u>	17'
<u>Total Horizontal Clearance (under bridge)</u>	86'
<u>Skew</u>	24°

Traffic control during construction: Construction on this project will not impact traffic on I-20. McDuffie County would be willing to close Three Points Road for a maximum of six months. This stipulation would be included in the Special Provisions of the Construction Contract.

Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(X)
ROADWAY WIDTH:	()	()	(X)
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	()	(X)
CROSS SLOPES:	()	()	(X)
STOPPING SIGHT DISTANCE:	()	()	(X)
SUPERELEVATION RATES:	()	()	(X)
HORIZONTAL CLEARANCE:	()	()	(X)
SPEED DESIGN:	()	()	(X)
VERTICAL CLEARANCE:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

Design Variances: None expected

Environmental concerns: No permits are anticipated for this project.

Project Concept Report page 6
Project Number: NHS-0003-00 (621)
P. I. Number: 0003621
County: McDuffie

Anticipated Level of Environmental Analysis:

- Categorical Exclusion (X)
- Are Time Savings Procedures appropriate? Yes (X), No ()

Utility involvements:

- Harold Cox – Georgia Power; Bin 20020, 241 Ralph McGill Blvd., NE; Atlanta, GA 30308
- Kevin O'Meara – Comcast; 105 River Shoals Pkwy.; Augusta, GA 30909
- Bob Flanders – Thomson City Administrator; PO Box 1017; Thomson, GA 30824 (Water, Sewer, and Gas)
- Mike Wilson; Atlanta Gas Light; Location 1345, PO Box 4569; Atlanta, GA 30302-4569
- Gary Allen – BellSouth; 3841 Wrightsboro Rd.; Augusta, GA. 30909
- Roy Chambers – Jefferson Energy Cooperative; 3077 Hwy 17, North; Wrens, GA 30833

The only owners that have facilities impacted by the project are Jefferson EMC and BellSouth. The power is a 3-phase current with BellSouth attached to the poles that are located on the existing right-of-way. BellSouth also has a fiber optic cable located on the existing right-of-way. As a result, there will be no reimbursable utility cost associated with this project.

Project responsibilities:

- Design: McDuffie County
- Right-of-Way Acquisition: McDuffie County
- Potential Limited Relocation of Utilities: McDuffie County
- Letting to contract: Georgia Department of Transportation
- Supervision of construction: Georgia Department of Transportation
- Providing material pits: Construction Contractor
- Providing detours: Construction Contractor

Coordination

- Initial Concept Meeting date is not yet scheduled.
- P. A. R. meetings are not anticipated.
- FEMA, USCG, and/or TVA involvement not applicable
- Public involvement: Public Information Meeting will be held after the initial concept meeting.
- Local government commitments: See attached Local Government Project Agreement.

Other projects in the area:

1. Project No. PR-159-1 (189) Thomson West Bypass – New construction of two-lane bypass from U.S. 278/S.R. 12 (Thomson Warrenton Highway) to S.R. 223.

Project Concept Report page 7
Project Number: NHS-0003-00 (621)
P. I. Number: 0003621
County: McDuffie

Scheduling – Responsible Parties' Estimate

- | | |
|---|-----------|
| • Time to complete the environmental process: | 8 Months |
| • Time to complete preliminary construction plans: | 12 Months |
| • Time to complete right-of-way plans: | 12 Months |
| • Time to complete final construction plans: | 10 Months |
| • Other major items that may affect the schedule:
Retrieving bridge foundation Information (BFI) | 3 Months |

Other alternates considered: A no-build alternative that would have consisted of improving the existing roadway network and interchange at S.R. 17/U.S. 78 without construction of the new interchange was proposed. This alternative consisted of the addition of turn lanes on S.R. 17/U.S. 78 at its existing ramp intersections with I-20. This alternative was eliminated from consideration because it only served to marginally improve the ramp intersections without satisfying the need and purpose of the project.

Comments:

Attachments:

1. Cost Estimates:
 - a. Construction
 - b. Right of Way
2. Typical sections
3. Traffic Analysis and Traffic Flow Diagrams
4. Accident data
5. Bridge inventory data
6. Minutes of Concept Team Meeting
7. LGPA

Project Number: NHS-0003-00 (621)

P.I. Number 0003621

McDuffie County

Detailed Cost Estimate
I-20/Thomson West Bypass Interchange

Construction Costs

A.	Major Structures	\$933,900
B.	Grading and Drainage	\$750,000
-C.	Base and Paving	\$1,120,613
D.	Concrete Work	\$1,170,500
E.	Signing and Striping	\$336,190
F.	Guardrail	\$7,950
G.	Traffic Control	\$65,000
H.	Landscaping and Erosion Control	\$685,471
I.	Miscellaneous Construction Items	\$580,695
	Construction Cost Subtotal	\$5,650,319
	Three years of inflation @ 5%	\$890,632
	Engineering & Construction; 10%	\$565,032
	Total Construction Cost	\$7,105,982

Project Number: NHS-0003-00 (621)

P.I. Number 0003621

McDuffie County

Detailed Cost Estimate
I-20/Thomson West Bypass Interchange

A. Major Structures

1. Bridge	16,980 SF @	\$55.00	\$933,900
		Subtotal	\$933,900

B. Grading and Drainage

		Lump	\$750,000
		Subtotal	\$750,000

C. Base & Paving

1. Graded Aggregate Base 12"	16,302 TN @	\$18.50	\$301,587
2. Graded Aggregate Base 10"	17,629 TN @	\$18.50	\$326,137
3. Graded Aggregate Base 6"	2,250 TN @	\$16.00	\$36,000
4. Asphalt Concrete 12.5 mm Superpave 165#/SY (1-1/2")	1,795 TN @	\$45.00	\$80,775
3. Asphalt Concrete 19.0 mm Superpave 220#/SY (2")	2,393 TN @	\$38.00	\$90,934
4. Asphalt Concrete 25 mm Superpave 330#/SY (3")	4,165 TN @	\$38.00	\$158,270
5. Asphalt Concrete 25 mm Superpave 440#/SY (4")	3,285 TN @	\$38.00	\$124,830
6. Bitum Tack Coat	1,387 GL @	\$1.50	\$2,081
		Subtotal	\$1,120,613

D. Concrete Work

1. Concrete Pavement, Plain Portland Cement	23,000 SY @	\$46.00	\$1,058,000
2. Concrete Median	500 SY @	\$25.00	\$12,500
3. Concrete Ditch Paving 4"	4,000 SY @	\$25.00	\$100,000
		Subtotal	\$1,170,500

E. Signing and Striping

1. Interstate and Roadside Signs	8 EA @	\$40,000.00	\$320,000
2. Signs, Standard Highway Signs	40 EA @	\$100.00	\$4,000
2. Striping	4,600 LF @	\$2.65	\$12,190
		Subtotal	\$336,190

F. Guardrail			
1. Guardrail, Type T	100 LF @	\$38.50	\$3,850
2. Anchors TP 12	2 ea @	\$1,650.00	\$3,300
3. Anchors TP 1	2 ea @	\$400.00	\$800
		Subtotal	\$7,950
G. Traffic Control & Mobilization			
1. Traffic Control		Lump Sum	\$50,000
2. Mobilization		Lump Sum	\$15,000
		Subtotal	\$65,000
H. Landscaping and Erosion Control			
1. Clearing & Grubbing	50.0 ac @	\$10,000.00	\$500,000
2. Grassing	30.0 ac @	\$2,500.00	\$75,000
3. Erosion Control			
a. Temporary Grass	225 lbs @	\$1.00	\$225
b. Temporary Mulch	150 TN @	\$150.00	\$22,500
c. Silt Fence, TP A	3,180 LF @	\$3.00	\$9,540
d. Silt Fence, TP C	7,420 LF @	\$4.00	\$29,680
e. Maint. of Temp. Silt Fence, TP A	3,180 LF @	\$1.50	\$4,770
f. Maint. of Temp. Silt Fence, TP C	7,420 LF @	\$1.50	\$11,130
g. Maint. of Temp. Sediment Basin	4 EA @	\$3,500.00	\$14,000
h. Permanent Grass Seed	563 lbs @	\$2.00	\$1,126
i. Construction Exit	5 EA @	\$1,500.00	\$7,500
j. Miscellaneous Items		Lump Sum	\$10,000
		Subtotal	\$685,471
I. Miscellaneous Items			
1. Field Office TP 2	1 ea @	\$40,000.00	\$40,000
2. Remove Existing Pavement	4,000 SY @	\$4.00	\$16,000
3. Remove Surface Coat of Existing Pavement	8,270 SY @	\$1.00	\$8,270
4. Remove Existing Bridge	657 SY @	\$25.00	\$16,425
5. Misc. Construction Items		Lump Sum	\$500,000
		Subtotal	\$580,695

Right-of-Way Cost Breakdown Sheet

Project: NHS-0003-00 (621)

P.I. No.: 0003621

No of Parcels: 6

Project Description: I-20/Thomson West Bypass Interchange

Date: June 26, 2002

Land: 35 Acres @ \$2000.00 = \$70,000

Improvements: Landscaping

Relocation: Residential @ \$0.00

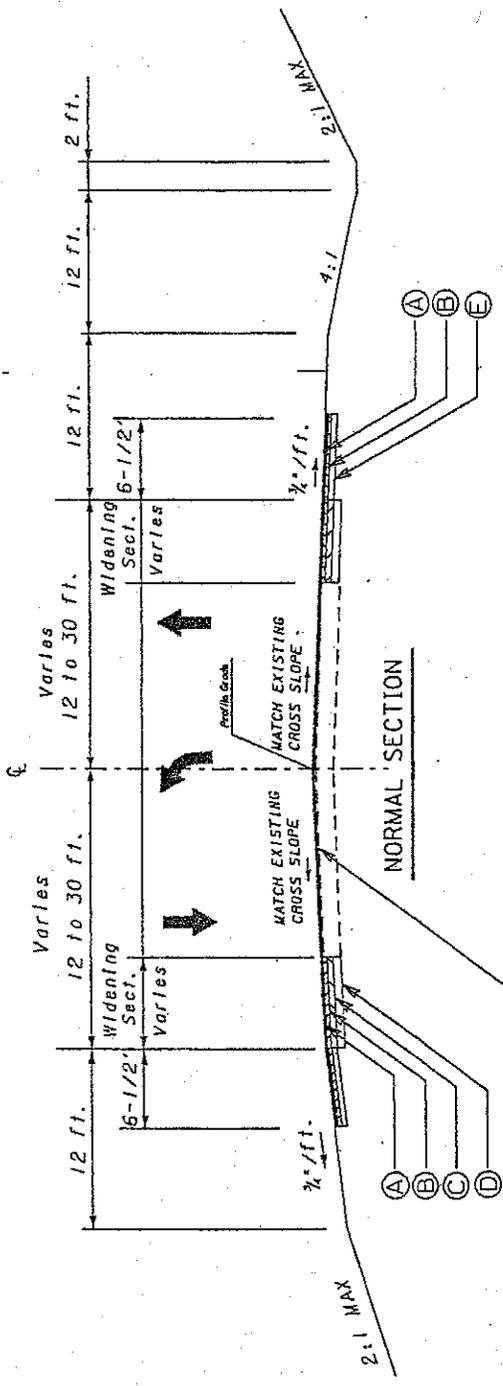
Business @ \$0.00

Damage: Proximity

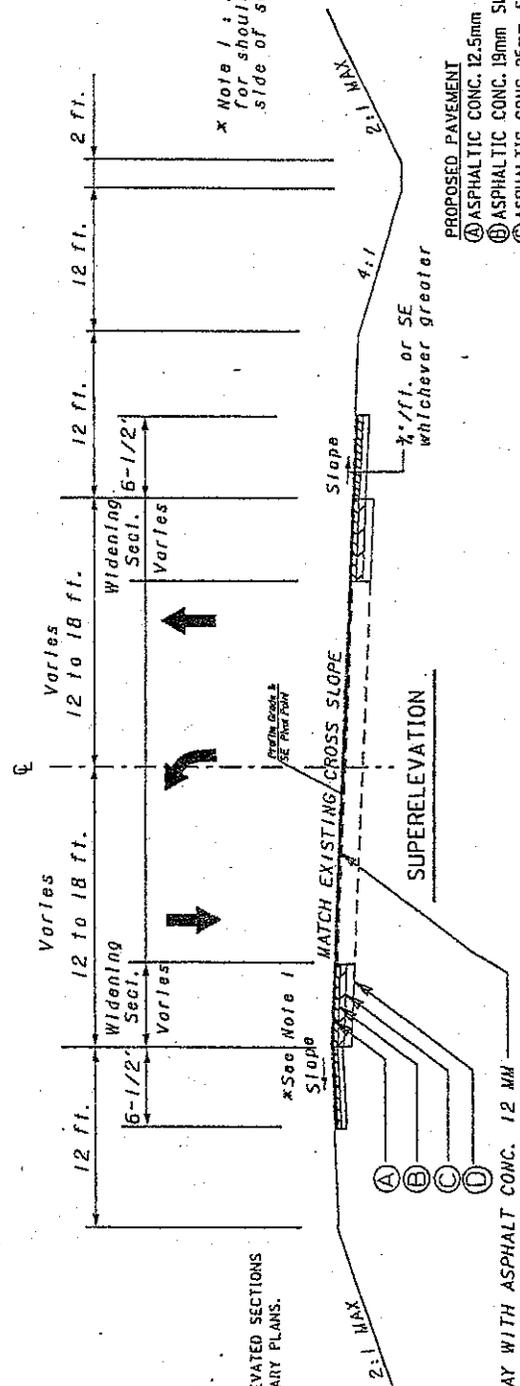
Estimated Cost of Right-of-Way		\$70,000
Scheduling Contingency	55%	\$38,500
Adm./Court Cost	60%	\$65,100
Inflation Factor	40%	<u>\$69,440</u>

Total Cost \$ 243,040.00

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA			



OVERLAY WITH ASPHALT CONC. 12 MM SUPERPAVE (165 LBS/SY) LEVELING AS REQUIRED, DEPTH VARIES



OVERLAY WITH ASPHALT CONC. 12 MM SUPERPAVE (165 LBS/SY) LEVELING AS REQUIRED, DEPTH VARIES

* Note 1 : See GA STD 9028C for shoulder slope on high side of superelevation.

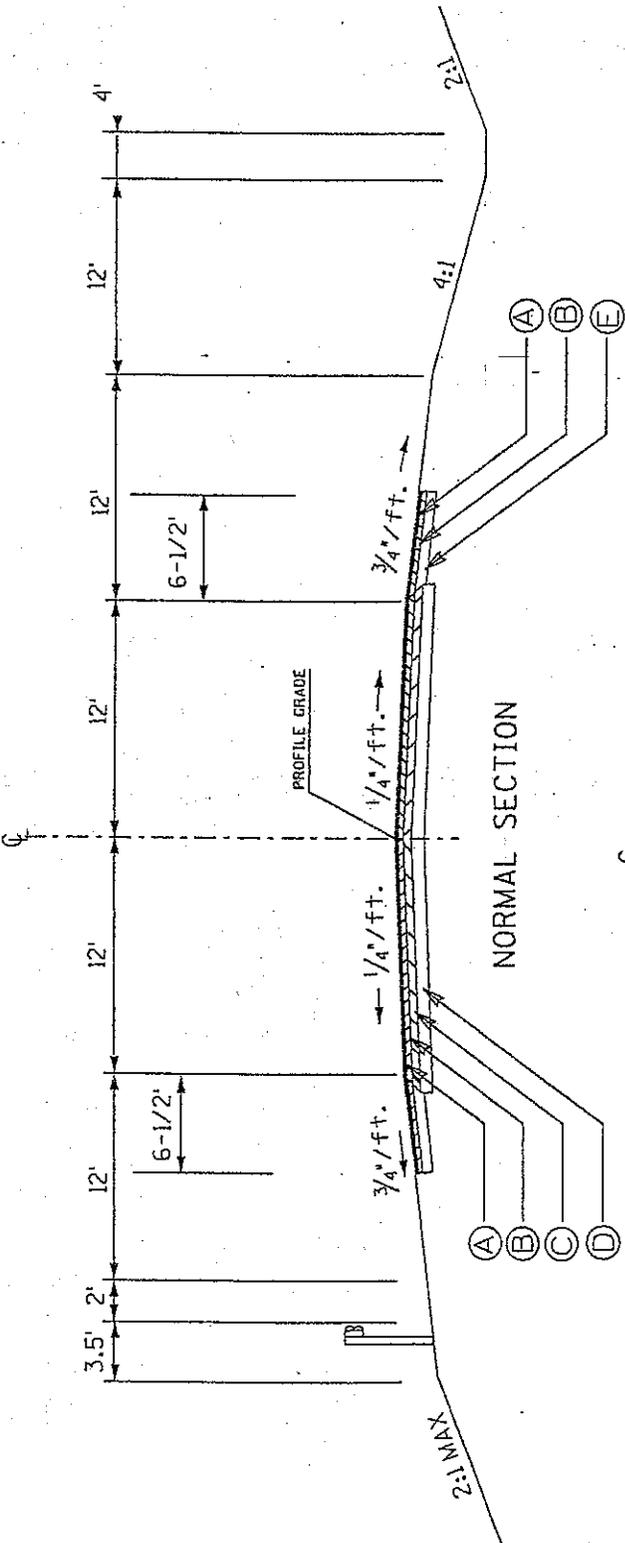
- PROPOSED PAVEMENT
- (A) ASPHALTIC CONC. 12.5mm SUPERPAVE (165 lbs/sy)
 - (B) ASPHALTIC CONC. 19mm SUPERPAVE (220 lbs/sy)
 - (C) ASPHALTIC CONC. 25mm SUPERPAVE (440 lbs/sy)
 - (D) GRADED AGGREGATE BASE (0')
 - (E) GRADED AGGREGATE BASE (6')

NOTE: LOCATION OF SUPERELEVATED SECTIONS TO BE DEFINED ON PRELIMINARY PLANS.

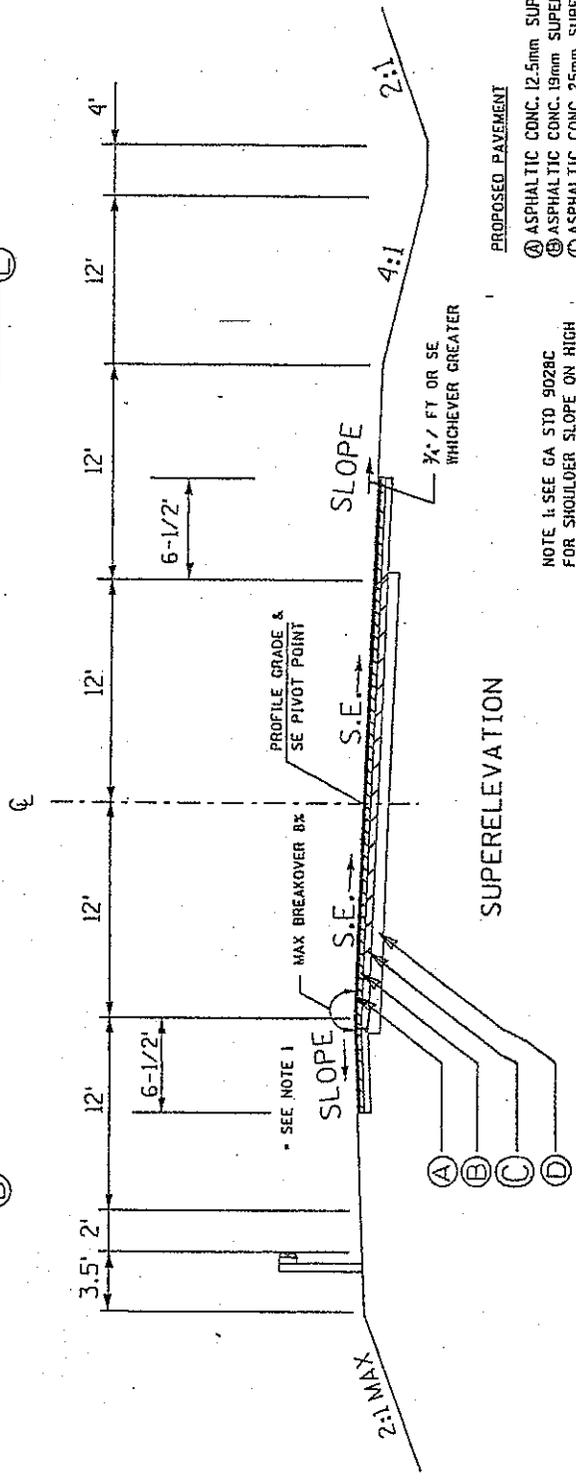
NOT TO SCALE

DATE	BY	CHKD	APP'D	REVISIONS	DESCRIPTION
<p>Moreland A. Tobelli Associates, Inc.</p>					<p>Department of Transportation State of Georgia</p>
<p>1-20/THOMSON WEST BYPASS INTERCHANGE TYPICAL SECTION THOMSON WEST BYPASS RC</p>					<p>DATE</p> <p>BY</p> <p>CHKD</p> <p>APP'D</p>

DATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS



NORMAL SECTION



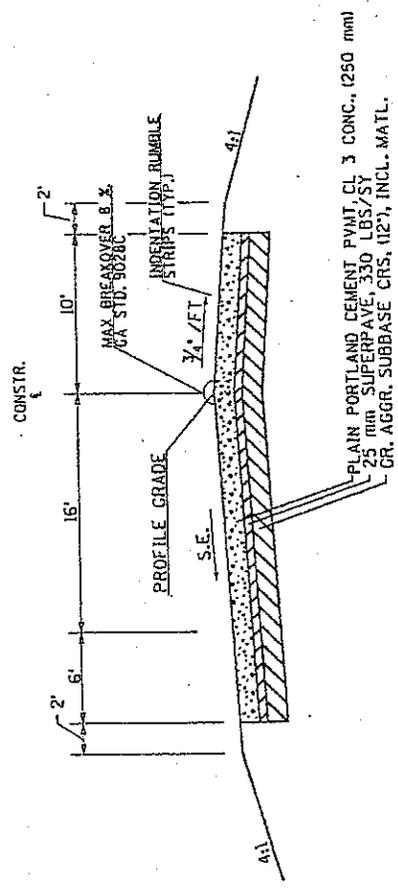
SUPERELEVATION

- PROPOSED PAVEMENT**
- (A) ASPHALTIC CONC. 12.5mm SUPERPAVE (165 lbs/sy)
 - (B) ASPHALTIC CONC. 19mm SUPERPAVE (220 lbs/sy)
 - (C) ASPHALTIC CONC. 25mm SUPERPAVE (440 lbs/sy)
 - (D) GRADED AGGREGATE BASE (10')
 - (E) GRADED AGGREGATE BASE (6')

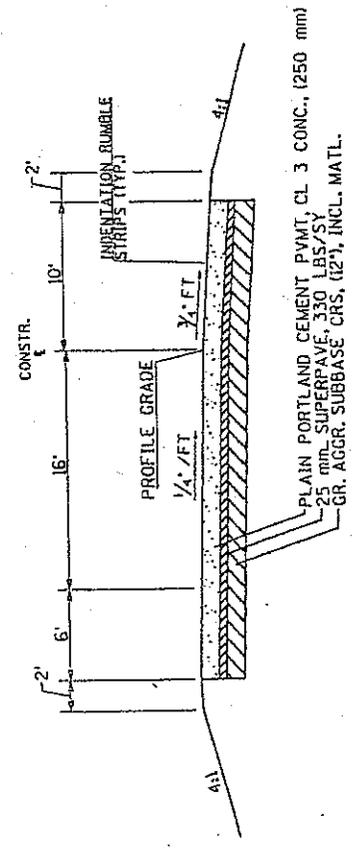
NOTE 1: SEE GA STD 9028C FOR SHOULDER SLOPE ON HIGH SIDE OF SUPERELEVATION.

DATE	REVISIONS	BY	DATE	BY	DATE	BY	DATE	BY
DRAWN BY		CHECKED BY		APPROVED BY				
<p>Moreland Akobelli Associates, Inc.</p>				<p>Department of Transportation State of Georgia</p>				<p>1-20/THOMSON WEST BYPASS INTERCHANGE TYPICAL SECTION THOMSON WEST BYPASS RD (NEW LOCATION)</p>

STATE	PROJECT NUMBER	DATE
GEORGIA		

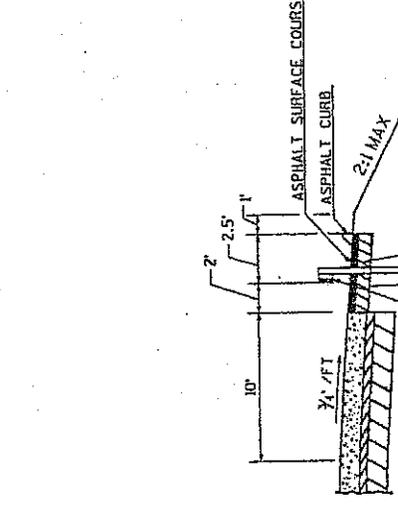


SUPER ELEVATION SECTION

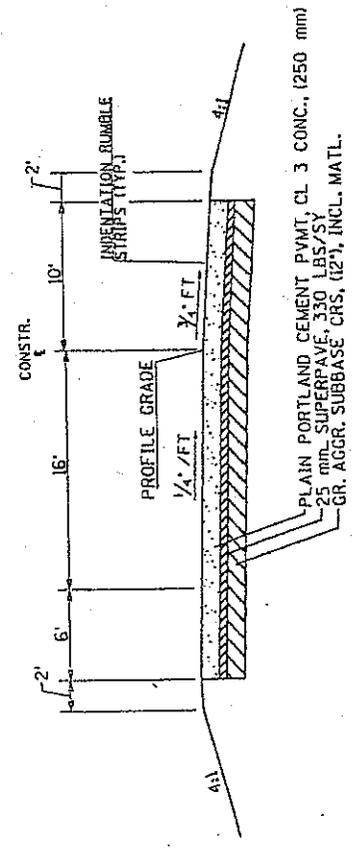


NORMAL CROWN SECTION

SHOULDER DETAIL FOR GUARDRAIL W/CONCRETE PAVEMENT
 (SEE PLANS FOR LOCATION)
 (SEE GA. STD. 4051 FOR DETAILS)
 N.T.S.



SUPER ELEVATION SECTION

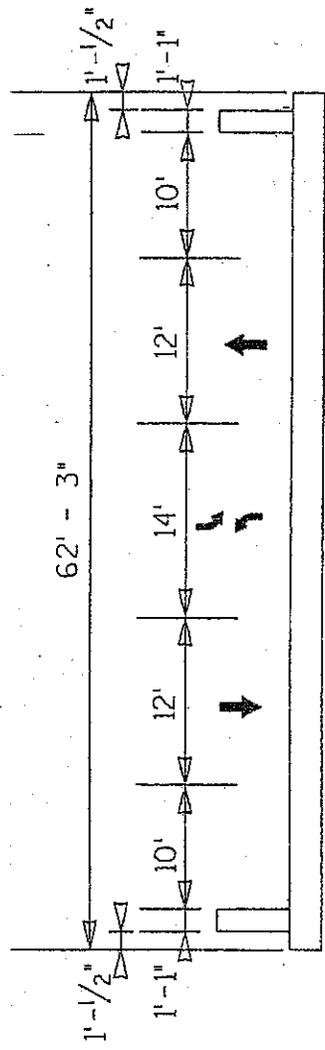


NORMAL CROWN SECTION

DATE	BY	CHKD	DATE	BY	CHKD	DATE	BY	CHKD
REVISIONS				I-20/THOMSON WEST BYPASS INTERCHANGE TYPICAL SECTION I-20 RAMPS				
Department of Transportation State of Georgia								

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS

Thomson West Bypass Bridge over I-20



DATE	BY	CHECKED	APPROVED	DESIGNED	DRAWN	SCALE	DATE	BY	CHECKED	APPROVED	DESIGNED	DRAWN	SCALE	DATE

MA Moreland A. (bell) Associates, Inc.

Department of Transportation
State of Georgia

I-20/THOMSON WEST BYPASS INTERCHANGE
TYPICAL SECTION
THOMSON WEST BYPASS BRIDGE OVER I-20

Project Number: NHS-0003-00 (621)
 P. I. Number: 0003621
 County: McDuffie

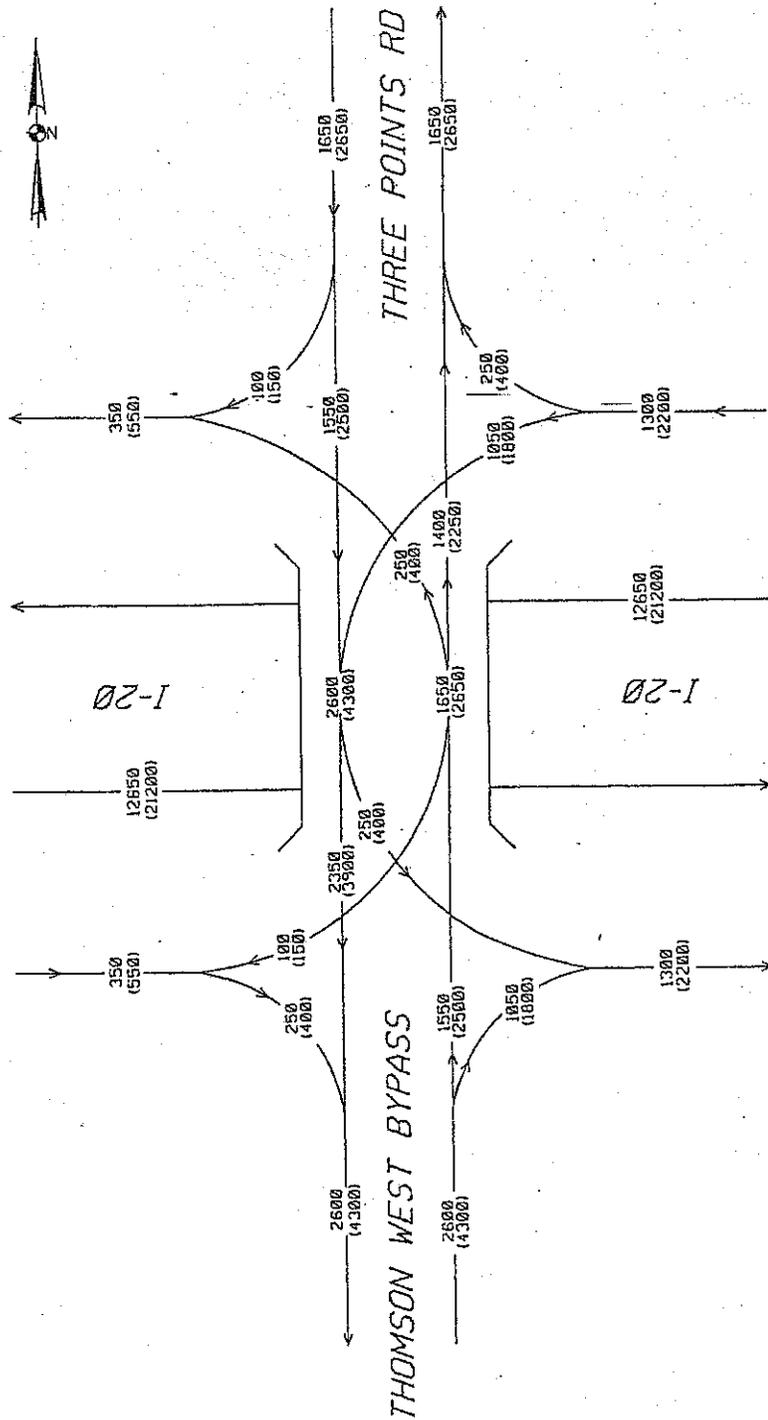
Traffic Analysis

Capacity analysis was performed at the ramp intersections of the project interchange. The analysis was performed according to the procedures given in the most recent publication of the Highway Capacity Manual (HCM), using the Highway Capacity Software Version 4.1 (HCS 2000) to facilitate the analysis. The following table provides the results in terms of delay (sec/veh) and overall LOS.

Intersection	Type	2025 Future			
		AM		PM	
		Delay	LOS	Delay	LOS
Thomson West Bypass at I-20 Eastbound Off-Ramp	U	11.9	B	11.8	B
	S	5.1	A	5.7	A
Thomson West Bypass at I-20 Westbound Off-Ramp	U	14.7	B	15.7	C
	S	9.7	A	11.3	B

Notes: U=Unsignalized, S=Signalized

These results indicate the intersections will be able to accommodate the projected traffic demand without signalization of the ramp intersections.



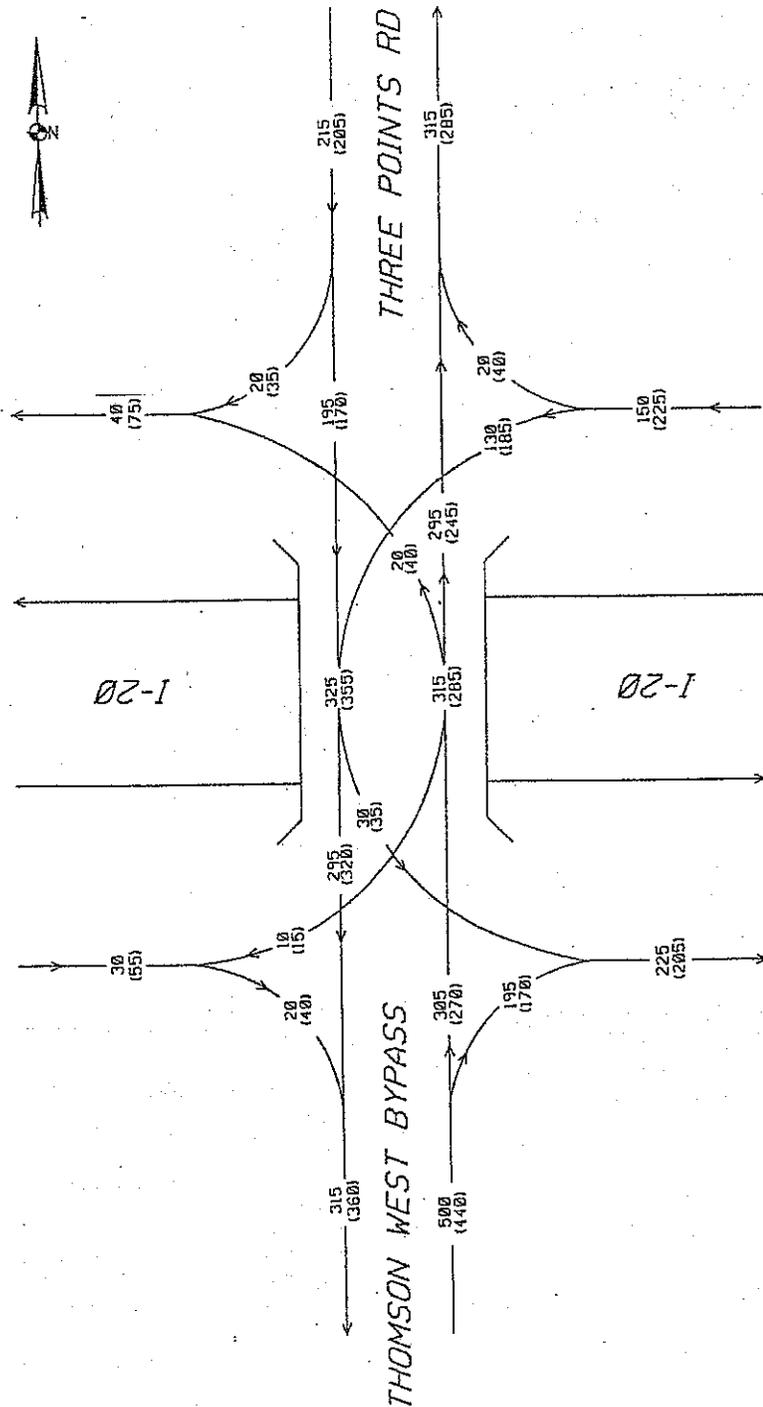
AVERAGE DAILY TRAFFIC
 00 YEAR 2005 ADT
 (00) YEAR 2025 ADT

TRUCK PERCENTAGES	
T =	5%
24 HR T =	7%
SU =	3%
COMB. =	4%

I-20/THOMSON WEST BYPASS INTERCHANGE
 YEAR 2005/2025 AVERAGE DAILY TRAFFIC
 TRAFFIC FLOW DIAGRAM

MA Moreland Altobelli
 Associates, Inc.

B-2



PEAK HOUR TRAFFIC
 00 AM PEAK HOUR
 (00) PM PEAK HOUR

I-20/THOMSON WEST BYPASS INTERCHANGE
 YEAR 2025 PEAK HOUR TRAFFIC
 TRAFFIC FLOW DIAGRAM

MA Moreland Altabelli
 Associates, Inc.

B-1

HCS2000: Unsignalized Intersections Release 4.1b

TWO-WAY STOP CONTROL SUMMARY

Agency: MA
 County: GA DOT/McDuffie County
 Date Performed: 5/18/2002
 Analysis Time Period: A.M. Peak Hour
 Intersection: Thomson W. Byp.@ I-20 EB Ramp
 Jurisdiction: GA DOT
 Units: U. S. Customary
 Analysis Year: Year 2025
 Project ID: I-20/Thomson West Bypass Interchange
 East/West Street: I-20 EB Off-Ramp
 North/South Street: Thomson West Bypass
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R
Volume		305	195	30	295	
Peak-Hour Factor, PHF		0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR		321	205	31	310	
Percent Heavy Vehicles		--	--	0	--	--
Median Type	Undivided					
RT Channelized?	No					
Lanes		1 T	1 R		1 L	1 T
Configuration						
Upstream Signal?		No			No	

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R
V _c				10		20
Peak Hour Factor, PHF				0.95		0.95
Hourly Flow Rate, HFR				10		21
Percent Heavy Vehicles				0		0
Percent Grade (%)		0			0	
Median Storage						
Flared Approach: Storage	Exists?					
RT Channelized?	No					
Lanes				1 L	1 R	
Configuration						

Delay, Queue Length, and Level of Service

Approach Movement Lane Config	NB	SB	Westbound			Eastbound		
	1	4	7	8	9	10	11	12
v (vph)		31				10		21
C(m) (vph)		1051				348		735
v/c		0.03				0.03		0.03
95% queue length		0.09				0.09		0.09
Control Delay		8.5				15.7		10.0+
LOS		A				C		B
Approach Delay							11.9	
Approach LOS							B	

HCS2000: Unsignalized Intersections Release 4.1b

TWO-WAY STOP CONTROL SUMMARY

Analyst: MA
 Agency/Co.: GA DOT/McDuffie County
 Date Performed: 5/18/2002
 Analysis Time Period: P.M. Peak Hour
 Intersection: Thomson W. Byp.@ I-20 EB Ramp
 Jurisdiction: GA DOT
 Signs: U. S. Customary
 Analysis Year: Year 2025
 Project ID: I-20/Thomson West Bypass Interchange
 East/West Street: I-20 EB Off-Ramp
 North/South Street: Thomson West Bypass
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street:	Approach Movement	Northbound			Southbound		
		1 L	2 T	3 R	4 L	5 T	6 R
Volume			270	170	35	320	
Peak-Hour Factor, PHF			0.95	0.95	0.95	0.95	
Hourly Flow Rate, HFR			284	178	36	336	
Percent Heavy Vehicles			--	--	0	--	--
Median Type	Undivided						
RT Channelized?			No				
Lanes			1	1		1	1
Configuration			T	R		L	T
Upstream Signal?			No			No	

Minor Street:	Approach Movement	Westbound			Eastbound		
		7 L	8 T	9 R	10 L	11 T	12 R
Volume					15		40
Peak Hour Factor, PHF					0.95		0.95
Hourly Flow Rate, HFR					15		42
Percent Heavy Vehicles					0		0
Percent Grade (%)			0			0	
Median Storage							
Flared Approach: Storage	Exists?						
RT Channelized?							No
Lanes					1		1
Configuration					L		R

Delay, Queue Length, and Level of Service

Approach Movement	NB	SB	Westbound			Eastbound		
			7	8	9	10	11	12
Lane Config	1	4	L			L		R
v (vph)		36				15		42
C(m) (vph)		1110				354		711
v/c		0.03				0.04		0.06
95% queue length		0.10				0.13		0.19
Control Delay		8.4				15.6		10.4
LOS		A				C		B
Approach Delay							11.8	
Approach LOS							B	

CS2000: Signalized Intersections Release 4.1b

Analyst: MAAI
 Agency: Georgia DOT
 Date: 05/03/2002
 Period: AM Peak Hour
 Project ID: I-20/Thomson West Bypass Interchange
 E/W St: I-20 EB Off Ramp

Inter.: Thomson West Bypass@I-20 EB
 Area Type: All other areas
 Jurisd: McDuffie County
 Year : 2025 Build Conditions
 N/S St: Thomson West Bypass

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	1	1	1	0
LGConfig	L		R					T	R	L	T	
Volume	10		20					305	195	30	295	
Lane Width	12.0		12.0					12.0	12.0	12.0	12.0	
RTOR Vol			0						20			

Duration 0.25 Area Type: All other areas
 Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P						
Thru								
Right		P						
Peds								
WB Left								
Thru								
Right								
Peds								
SB Right								
Peds								
EB Right								
WB Right								
Green		10.0			40.0			
Yellow		4.0			4.0			
All Red		1.0			1.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/c	Delay	LOS	Delay	LOS
Eastbound								
L	287	1719	0.04	0.17	21.2	C	21.6	C
R	256	1538	0.09	0.17	21.8	C		
Westbound								
Northbound								
T	1207	1810	0.28	0.67	4.7	A	4.5	A
R	1025	1538	0.19	0.67	4.2	A		
Southbound								
L	659	988	0.05	0.67	3.6	A		
T	1207	1810	0.27	0.67	4.6	A	4.5	A

Intersection Delay = 5.1 (sec/veh) Intersection LOS = A

HCS2000: Signalized Intersections Release 4.1b

Analyst: MAAI
 Agency: Georgia DOT
 Date: 05/03/2002
 Period: PM Peak Hour
 Project ID: I-20/Thomson West Bypass Interchange
 E/W St: I-20 EB Off Ramp

Inter.: Thomson West Bypass@I-20 EB
 Area Type: All other areas
 Jurisd: McDuffie County
 Year : 2025 Build Conditions
 N/S St: Thomson West Bypass

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	1	1	1	0
LGConfig	L		R					T	R	L	T	
Volume	15		40					270	170	35	320	
Lane Width	12.0		12.0					12.0	12.0	12.0	12.0	
RTOR Vol			0						17			

Duration -0.25 Area Type: All other areas
 Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left			
Thru					Thru	P		
Right	P				Right	P		
Peds					Peds			
WB Left					SB Left	P		
Thru					Thru	P		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		10.0				40.0		
Yellow		4.0				4.0		
All Red		1.0				1.0		

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/c	Delay	LOS	Delay	LOS
Eastbound								
L	287	1719	0.06	0.17	21.4	C	22.5	C
R	256	1538	0.17	0.17	22.9	C		
Westbound								
Northbound								
T	1207	1810	0.25	0.67	4.5	A	4.3	A
R	1025	1538	0.17	0.67	4.1	A		
Southbound								
L	692	1038	0.06	0.67	3.6	A		
T	1207	1810	0.29	0.67	4.8	A	4.7	A

Intersection Delay = 5.7 (sec/veh) Intersection LOS = A

HCS2000: Unsignalized Intersections Release 4.1b

TWO-WAY STOP CONTROL SUMMARY

State: MA
 Agency: GA DOT/McDuffie County
 Date Performed: 5/18/2002
 Analysis Time Period: A.M. Peak Hour
 Intersection: Thomson W. Byp.@ I-20 WB Ramp
 Jurisdiction: GA DOT
 Units: U. S. Customary
 Analysis Year: Year 2025
 Project ID: I-20/Thomson West Bypass Interchange
 East/West Street: I-20 WB Off-Ramp
 North/South Street: Thomson West Bypass
 Intersection Orientation: NS Study period (hrs): 0.25

Vehicle Volumes and Adjustments

Major Street: Approach Movement	Northbound			Southbound		
	1 L	2 T	3 R	4 L	5 T	6 R
Volume	20	295			195	20
Peak-Hour Factor, PHF	0.95	0.95			0.95	0.95
Hourly Flow Rate, HFR	21	310			205	21
Percent Heavy Vehicles	0	--	--		--	--
Median Type	Undivided					
RT Channelized?	No					
Lanes	1	1			1	1
Configuration	L	T			T	R
Upstream Signal?	No					

Minor Street: Approach Movement	Westbound			Eastbound		
	7 L	8 T	9 R	10 L	11 T	12 R
\bar{V}_c	130		20			
Peak Hour Factor, PHF	0.95		0.95			
Hourly Flow Rate, HFR	136		21			
Percent Heavy Vehicles	0		0		0	
Percent Grade (%)		0				
Median Storage						
Flared Approach: Exists?	Storage					
RT Channelized?	No					
Lanes	1		1			
Configuration	L		R			

Delay, Queue Length, and Level of Service

Approach Movement Lane Config	NB	SB	Westbound			Eastbound		
	1 L	4	7 L	8	9 R	10	11	12
v (vph)	21		136		21			
$C(m)$ (vph)	1354		480		735			
v/c	0.02		0.28		0.03			
95% queue length	0.05		1.16		0.09			
Control Delay	7.7		15.4		10.0+			
LOS	A		C		B			
Approach Delay	14.7							
Approach LOS	B							

TWO-WAY STOP CONTROL SUMMARY

Analyst: MA
 Agency/Co.: GA DOT/McDuffie County
 Date Performed: 5/18/2002
 Analysis Time Period: P.M. Peak Hour
 Intersection: Thomson W. Byp.@ I-20 WB Ramp
 Jurisdiction: GA DOT
 Units: U. S. Customary
 Analysis Year: Year 2025
 Project ID: I-20/Thomson West Bypass Interchange
 East/West Street: I-20 WB Off-Ramp
 North/South Street: Thomson West Bypass
 Intersection Orientation: NS
 Study period (hrs): 0.25

Vehicle Volumes and Adjustments							
Major Street:	Approach Movement	Northbound			Southbound		
		1 L	2 T	3 R	4 L	5 T	6 R
Volume		40	245			170	35
Peak-Hour Factor, PHF		0.95	0.95			0.95	0.95
Hourly Flow Rate, HFR		42	257			178	36
Percent Heavy Vehicles		0	--	--	--	--	--
Median Type	Undivided						
RT Channelized?							No
Lanes		1	1			1	1
Configuration		L	T			T	R
Upstream Signal?			No			No	

Minor Street:	Approach Movement	Westbound			Eastbound		
		7 L	8 T	9 R	10 L	11 T	12 R
Volume		185		40			
Peak Hour Factor, PHF		0.95		0.95			
Hourly Flow Rate, HFR		194		42			
Percent Heavy Vehicles		0		0			
Percent Grade (%)			0			0	
Median Storage							
Flared Approach: Storage	Exists?						
RT Channelized?				No			
Lanes		1		1			
Configuration		L		R			

Delay, Queue Length, and Level of Service								
Approach Movement	NB	SB	Westbound			Eastbound		
			7 L	8	9 R	10	11	12
Lane Config	L		L		R			
v (vph)	42		194		42			
C(m) (vph)	1368		492		787			
v/c	0.03		0.39		0.05			
95% queue length	0.09		1.86		0.17			
Control Delay	7.7		17.0		9.8			
LOS	A		C		A			
Approach Delay				15.7				
Approach LOS				C				

Analyst: MAAI
 Agency: Georgia DOT
 Date: 05/03/2002
 Period: AM Peak Hour
 Project ID: I-20/Thomson West Bypass Interchange
 E/W St: I-20 WB Off Ramp

Inter.: Thomson West Bypass@I-20 WB
 Area Type: All other areas
 Jurisd: McDuffie County
 Year : 2025 Build Conditions
 N/S St: Thomson West Bypass

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	1	1	1	0	0	1	1
LGConfig				L		R	L	T			T	R
Volume				130		20	20	295		195	20	
Lane Width				12.0		12.0	12.0	12.0		12.0	12.0	
RTOR Vol						0					0	

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right	P		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	15.0				35.0			
Yellow	4.0				4.0			
All Red	1.0				1.0			

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/c	Delay	LOS	Delay	LOS
Eastbound								
Westbound								
L	430	1719	0.33	0.25	20.5	C	20.1	C
R	385	1538	0.06	0.25	17.4	B		
Northbound								
L	686	1176	0.03	0.58	5.4	A		
T	1056	1810	0.31	0.58	7.1	A	7.0	A
Southbound								
T	1056	1810	0.21	0.58	6.4	A	6.3	A
R	897	1538	0.02	0.58	5.3	A		
Intersection Delay = 9.7			(sec/veh)		Intersection LOS = A			

HCS2000: Signalized Intersections Release 4.1b

Analyst: MAAI
 Agency: Georgia DOT
 Date: 05/03/2002
 Period: PM Peak Hour
 Project ID: I-20/Thomson WestBypass Interchange
 E/W St: I-20 WB Off Ramp

Inter.: Thomson West Bypass@I-20 WB
 Area Type: All other areas
 Jurisd: McDuffie County
 Year : 2025 Build Conditions
 N/S St: Thomson West Bypass

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	1	1	1	0	0	1	1
LGConfig				L		R	L	T			T	R
Volume				185		40	40	245			170	35
Lane width				12.0		12.0	12.0	12.0			12.0	12.0
RTOR Vol						0						0

Duration: 0.25 Area Type: All other areas
 Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right	P		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		15.0				35.0		
Yellow		4.0				4.0		
All Red		1.0				1.0		

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
Westbound								
L	430	1719	0.48	0.25	23.0	C	22.1	C
R	385	1538	0.11	0.25	18.0	B		
Northbound								
L	674	1155	0.07	0.58	5.6	A		
T	1056	1810	0.26	0.58	6.7	A	6.6	A
Southbound								
T	1056	1810	0.18	0.58	6.2	A	6.1	A
R	897	1538	0.04	0.58	5.4	A		
Intersection Delay = 11.3 (sec/veh)					Intersection LOS = B			

Project Number: NHS-0003-00 (621)
P. I. Number: 0003621
County: McDuffie

Accident Data

There is no available data for Three Points Road (C.R. 21). The accident history of the critical roadway segments in Thomson that would improve by the construction of the new interchange is presented and analyzed in the Interchange Justification Report.

Programming Data

201 Project No: 1-20-2 (34) 166
 202 Plans Available: 2
 249 Prop. Proj No: 0000
 250 Approval Status: 0000
 251 P.I. No: 000000
 252 Contract Date: 0000
 260 Seismic No: 00000
 75 Type Work: 00 0
 94 Bridge Imp. Cost: \$ 0
 95 Roadway Imp. Cost: \$ 0
 96 Total Imp. Cost: \$ 0
 76 Imp. Length: 000000
 97 Imp. Year: 0000
 14 Future ADT: 000705 Year: 2018

Hydraulic Data

115 Waterway Data
 Highwater Elev: 0000.0 Year: 0000
 Flood Elev: 0000.0 Freq: 00
 Avg. Streambed Elev: 0000.0
 Drainage Area: 00000
 Area of Opening: 000000
 13 Scour Critical: N
 16 Water Depth: 00.0 Br Height: 00.0
 22 Slope Protection: 4
 21 Spur Dikes Rear: 0 Fwd: 0
 19 Fender System: 0
 20 Dolphin: 0
 23 Culvert Cover: 000
 Type: 0
 No Barrels: 0
 Width: 0.0
 Height: 0.0
 Length: 0
 Apron: 0
 65 U/W Insp. Area: 0 Diver: ZZZ
 Location I.D. No: 189-00021X-000.60N
 Referen I.D. No: 000-000000-000.000

Measurements

* 29 ADT: 000470 Year: 1998
 109 % Trucks: 1
 * 28 Lanes On: 02 Under: 04
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0077
 * 49 Structure Length: 283
 51 Br. Rdwy. Width: 24.0
 52 Deck Width: 30.7
 * 47 Tot. Horz. Cl: 24.0
 50 Curb/Sdewlk Width: 2.1/2.1
 32 Approach Rdwy Width: 020
 * 229 Shlder Width:
 Rear Lt: 5.0 Type: 8 Rt: 5.0
 Fwd Lt: 5.0 Type: 8 Rt: 5.0
 Pvmnt Width:
 Rear: 20.0 Type: 2
 Fwd: 20.0 Type: 2
 Intersection Rear: 0 Fwd: 0
 36 Safety Features Br. Rail: 2
 Transition: 2
 App. G. Rail: 2
 App. Rail End: 2
 53 Minimum Cl. Over: 99'99"
 Under: H 17'01"
 * 228 Min. Vert. Cl
 Act. Odm. Dir: 99' 99"
 Oppo. Dir: 99' 99"
 Posted Odm. Dir: 00' 00"
 Oppo. Dir: 00' 00"
 55 Lateral Undercl. Rt: H 12.8
 56 Lateral Undercl. Lt: 30.5
 * 10 Max Min Vert Cl: 99'99" Dir: 0
 39 Nav Vert Cl: 000 Horz: 0000
 116 Nav Vert Cl Closed: 000
 245 Deck Thickness Main: 6.5
 Deck Thick Approach: 0.0
 246 Overlay Thickness: 0.0
 211 Tons Structural Steel: 87.0
 212 Year Last Painted: Sup: 1995 Sub: 0000

Ratings

66 Inventory Type: 2 Rating: 27
 64 Operating Type: 2 Rating: 44
 231 Calculated Loads
 H-Modified: 20 0
 HS-Modified: 25 0
 Type 3: 28 0
 Type 3S2: 40 0
 Timber: 36 0
 Piggyback: 00 0
 261 H Inventory Rating: 17
 262 H Operating Rating: 28
 67 Structural Evaluation: 6
 58 Deck Condition: 6
 59 Superstructure Condition: 7
 * 227 Collision Damage: 0
 60A Substructure Condition: 6
 60B Scour Condition: N
 60C Underwater Condition: N
 71 Waterway Adequacy: N
 61 Channel Protection Cond: N
 68 Deck Geometry: 4
 69 UnderClr. Horz/Vert: 6
 72 Appr. Alignment: 7
 62 Culvert: N

Posting Data

70 Bridge Posting Required: 5
 41 Struct. Open, Posted, Cl: A
 * 103 Temporary Structure: 0
 232 Posted Loads H-Modified: 00
 HS-Modified: 00
 Type 3: 00
 Type 3S2: 00
 Timber: 00
 Piggyback: 00
 253 Notification Date: 0000
 253 Fed Notify Date: 0000

McDuffie County

Structure ID: 189-0007-0

SUFF. RATING: 80.1

Location & Geography

Signs & Attachments

Structure I.D. No.: 189-0007-0
 200 Bridge Information: 06
 6A Feature Int.: I-20
 6B Critical Bridge: 0
 7A Route Number Carried: CR00021
 7B Facility Carried: THREE POINTS ROAD
 9 Location: 4.1 MINW OF THOMSON
 2 DOT District: 2
 207 Year Photo: 1997
 91 Inspection Frequency: 24 Date: 03/22/1999
 92A Fract Crit Insp Freq: 0 00 Date: 0000
 92B Underwater Insp Freq: 0 00 Date: 0000
 92C Other Spe. Insp Freq: 0 00 Date: 0000

* 104 Highway System: 0
 * 26 Functional Classification: 09
 * 204 Federal Route Type: 0 No: 000000
 * 110 Truck Route: 0
 206 School Bus Route: 1
 217 Benchmark Elevation: 0.00
 218 Datum: 0
 * 19 Bypass Length: 9
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 * 31 Design Load: 3
 * 37 Historical Significance: 5
 205 Congressional District: 10
 * 27 Year Constructed: 1968
 106 Year Reconstructed: 0000
 33 Bridge Median: 0
 34 Skew: 24
 35 Structure Flared: 0
 38 Navigation Control: N
 213 Special Steel Design: 0
 267 Type of Paint: 2

223 Expansion Joint Type: 04
 242 Deck Drains: 0
 243 Parapet Location: 0
 Height: 0
 Width: 0
 238 Curb: 0.8 1
 239 Handrail: 1 1
 * 240 Median Barrier Rail: 0

241 Bridge Median Height: 0
 Width: 0
 * 230 Guardrail Loc Dir Rear: 3
 Fwrd: 3
 Oppo Dir Rear: 0
 Fwrd: 0

244 Approach Slab: 3
 224 Retaining Wall: 0
 233 Posted Speed Limit: 55
 236 Warning Sign: 0
 234 Delineator: 1
 235 Hazard Boards: 0

237 Utilities Gas: 00
 Water: 00
 Electric: 00
 Telephone: 22
 Sewer: 00
 247 Lighting Street: 0
 Navigation: 0
 Aerial: 0

* 42 Type Service On: 1
 Under: 1
 214 Movable Bridge: 00
 203 Type Bridge: I-O-M-O
 259 Pile Encasement: 3
 * 43 Structure Type Main: 4 02
 45 No. Spans Main: 004
 44 Structure Type Appr: 0 0
 46 No. Spans Appr: 0000
 226 Bridge Curve Horz: 0 Vert: 1
 111 Pier Protection: 0
 107 Deck Structure Type: 1

108 Wearing Surface Type: 1
 Membrane: 8
 Protection: 8
 * 248 County Continuity No: 00

16 Latitude: 33-30.3
 17 Longitude: 82-33.3
 98 Border Bridge: 000 %Shared: 00
 99 ID Number: 0000000000000000
 100 Defense Highway: 0
 101 Parallel Structure: N
 102 Direction of Traffic: 2
 264 Road Inventory Mile Post: 000.60
 208 Inspection Area: 02 Initials: JTB

* Location I.D. No: 189-00021X-000.60N
 * XReferen I.D. No: 000-000000-000.000

Structure ID: 189-0007-0

Cross Reference Report
McDuffie County

Location & Geography

* Structure I.D. No.: 189-0007-0-A
* 6A Feature Int.: CR 21 THREE POINTS ROAD
* 6B Critical Bridge: 0
* 7A Route Number Carried: SR00402
* 7B Facility Carried: I-20
* 9 Location: 4.1 MINW OF THOMSON

* 91 Inspection Frequency: 00 Date: 0000
* 4 Place Code: 00000

* 5 Inventory Route (O/U): 2
Type: 1
Designator: 1
Number: 000020
Direction: 0

* 16 Latitude: 33.30.3
* 17 Longitude: 33.33.3

* 100 Defense Highway: 1
* 101 Parallel Structure: N
* 102 Direction of Traffic: 2
* 104 Highway System: 1
* 26 Functional Classification: 01
* 204 Federal Route Type: 1 No: 020-2
* 110 Truck Route: 1
* 19 Bypass Length: 9
* 20 Toll: 3
* 21 Maintenance: 01
* 22 Owner: 01

* 27 Year Constructed: 1968

* 42 Type Service On: 1
Under: 1

* 43 Structure Type Maint: 4 02

* Location I.D. No: 189-00402D-168.88E
* XReferen I.D. No:

Signs & Attachments

* 240 Median Barrier Rail: 0
* 230 Guardrail Loc Dir Rear: 6
Fwd: 6
Oppo Dir Rear: 6
Fwd: 6

Ratings

* 227 Collision Damage: 0
* 103 Temporary Structure: 0

Measurements

* 29 ADT: 023200 Year: 1998
* 28 Lanes On: 02 Under: 04

* 48 Max. Span Length: 0077
* 49 Structure Length: 283

* 47 Tot. Horz. Cl: 60.2

* 229 Sllder Width:
Rear Lt: 4.0 Type: 2 Rt: 10.0
Fwd Lt: 4.0 Type: 2 Rt: 10.0
Pement Width:
Rear: 24.0 Type: 1
Fwd: 24.0 Type: 1
Intersection Rear: 0 Fwd: 0

* 228 Min. Vert. Cl
Act. Odm. Dir: 17' 01"
Oppo. Dir: 18' 03"
Posted Odm. Dir: 00' 00"
Oppo. Dir: 00' 00"
* 10 Max Min Vert Cl: 18' 06" Dir: 4

* 208 Inspection Area: 02 Initials: JTB
* 265 U/W Insp. Area: 0 Diver: ZZZ
* 248 County Continuity No: 00

Posting Data

* 103 Temporary Structure: 0

Minutes of Concept Team Meeting
July 30, 2002, 10:00 A.M., McDuffie County Courthouse
I-20/Thomson West Bypass Interchange
Project Number: NHS-0003-00 (621)
P.I. No. 0003621
McDuffie County

Attendees:

<u>Name</u>	<u>Company</u>	<u>Phone No.</u>	<u>Email</u>
Karla Poshedly	Moreland Altobelli Associates, Inc.	770-263-5945	kposhedly@moreland-altobelli.com
George Brewer	GDOT - District Design Engineer	478-552-4642	george.brewer@dot.state.ga.us
Terrell McMillan	GDOT - Asst. Area Engineer	478-625-3681	terrell.mcmillan@dot.state.ga.us
Todd Price	GDOT - District Traffic	478-552-4715	todd.price@dot.state.ga.us
Todd Hill	Moreland Altobelli Associates, Inc.	770-263-5945	thill@moreland-altobelli.com
Radney Simpson	GDOT - Planning	404-656-5560	
Debbie Pennington	GDOT - District Planning	478-552-4631	deborah.pennington@dot.state.ga.us
Lamar Hamill	McDuffie County Administrator	706-595-2112	lhamill@thomson-mcduffie.net
Jerry Brinson	Moreland Altobelli Associates, Inc.	770-263-5945	
Jimmy Hobby	GDOT - District Utilities	478-552-4646	jimmy.hobby@dot.state.ga.us
Charlie Newton	McDuffie County Commission Chairman	706-595-2100	cnewton@thomson-mcduffie.net
Chris Pelly	McDuffie County Public Works	706-595-2591	

Ms. Karla Poshedly began the meeting by asking everyone to introduce him or herself and to sign the attendance sheet. Ms. Poshedly then stated that the project is an interchange project at I-20 and the Thomson West Bypass. She then discussed the need and purpose of the project and described the location of the project.

Ms. Poshedly reported that 6 parcels would be impacted by the project and that the right-of-way is to be purchased by the County. She stated that since the existing utilities are located inside the existing right-of-way, there would be no utility relocation costs involved. However, there are a few utilities that will need to be relocated. The existing road will be closed during construction of the bridge. Mr. Lamar Hamill stated that the County requests that it be stipulated in the contract that the road be closed for only 6 months for the construction of the bridge.

Ms. Poshedly stated that the typical section of the road would include 10-foot paved shoulders to allow for pedestrian/bike areas to satisfy a FHWA request that there be some means for use by pedestrians or bikes. The rural nature of the area would not be appropriate for designated bike paths or curb and gutter with sidewalks.

The County inquired about interstate lighting at the interchange. Ms. Poshedly stated that it could be added to the project through a local project agreement with GDOT. Mr. Jimmy Hobby, GDOT Utilities, stated that unless the County would desire to have interstate lighting immediately upon the opening of the project it would be better not to pursue this request at this time. Mr. Hobby said that lighting could be added at any time through a local project agreement with GDOT.

Mr. Todd Hill was then introduced to review environmental impacts of the project. He stated that preliminary environmental studies have been conducted with the exception of archeology review. Mr. Hill noted that preliminary environmental surveys identified one potentially eligible historic resource and that there were no wetlands or endangered species in the project area. He stated that the environmental process should proceed quickly after the public information meeting. He also noted that it appears that the potentially eligible historic house along the project route has been torn down which would require a revision to the history survey.

Ms. Poshedly then called on GDOT Utilities to make any comments about the project. Mr. Hobby said that all of the existing utilities are within the existing right-of-way. He asked that MA contact his office when the design engineer is ready to send out utility plans. He said he would coordinate the utility involvements on the project. The County stated that they would like to have utility casings attached to the bridge to accommodate future utilities. Mr. Hobby said that the casing could be placed on the bridge and that the Georgia Department of Transportation would designate the County as the owner of the casings.

Ms. Poshedly called on the GDOT Planning Department to make their comments. Ms. Debbie Pennington inquired who would be the MA contact with GDOT for status reports and schedule changes. Ms. Poshedly stated that for now she would continue to be the contact at MA. Ms. Pennington said that she has prepared a project schedule that she would like to review with MA following this meeting. Ms. Pennington stated that she wanted the County to be aware that construction funds have not been authorized yet for this project and that it is important that the County move forward with the project and obtain the needed right-of-way so that funds could be authorized for construction. The County asked if the right-of-way is donated for this project does the County need to follow the uniform relocation policy. Ms. Pennington stated that the County is still required to do so. She said that the County should contact Ronnie Brantley, GDOT Right-of-way Department at 478-552-4610. She said that he could answer all of their questions relating to the purchase or donation of right-of-way for this project and assist the County in following proper procedures. Ms. Pennington also cautioned that right-of-way acquisition or negotiation must not proceed until the environmental document and right-of-way plans are cleared through the federal process.

Ms. Pennington said that the schedule she has prepared for the project shows a let date of August 2004. Commissioner Newton asked how long would it take to construct the project. Mr. Brewer said that the project could be completed in approximately 18 months. It was stated that this schedule would place the opening date in Summer 2006. Ms. Pennington stated that the schedule shows that environmental approval is slated for December 2002. She inquired if this was possible. Mr. Hill stated that he believes that because this project is not complicated that environmental approval could be obtained by the end of December 2002. Ms. Pennington stated that Rich Williams of the GDOT Office of Environment and Location would be the contact for review of the Categorical Exclusion.

Ms. Poshedly then stated that a public information meeting should be set as soon as possible so that the environmental process can move forward. The County stated that a PIM could be held at The Depot from 5:00 to 7:00 p.m. The County would just need to know what date the Georgia Department of Transportation would like to have the PIM. Ms. Pennington reviewed the GDOT

schedule and stated that Thursday, August 29, 2002 would be a good date. She stated that GDOT can handle the signing and MA will handle preparing the newspaper advertisement and public information materials.

Ms. Poshedly called upon GDOT Preconstruction for their comments. Mr. George Brewer stated that all of the comments from Preconstruction were made prior to the meeting and the concept report document has been revised already accordingly.

Ms. Poshedly then called on GDOT Traffic Department for their comments. Mr. Todd Price asked if there were going to be any traffic signals on the project. Ms. Poshedly said that initially no traffic signals would be required but that there would be sufficient right-of-way obtained for future traffic signal poles to be added.

With no other concerns needing to be discussed, the meeting was then adjourned.

AGREEMENT

BETWEEN

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

AND

MCDUFFIE COUNTY, GEORGIA

For The

Construction of a full diamond interchange on I-20 at County Road 21 (Three Points Road) and the improvements to county road 21 which will be associated with the proposed interchange

This AGREEMENT is made and entered into this 6 day of Feb., 2002 by and between the DEPARTMENT OF TRANSPORTATION, an agency of the State of Georgia, hereinafter called the "DEPARTMENT", and MCDUFFIE COUNTY, GEORGIA acting by and through its Chairman and Board of Commissioners, hereinafter called the "COUNTY".

WHEREAS, the COUNTY has represented to the DEPARTMENT a desire to construct a full diamond interchange on I-20 at county road 21 which will include the improvements to county road 21 associated with the construction of this interchange in McDuffie County Georgia, currently described as Georgia Department of Transportation Project Number NHS-0003-00 (621), P. I. Number 0003621, hereinafter referred as the "PROJECT; and

WHEREAS, the COUNTY has represented to the DEPARTMENT a desire to participate in providing the preconstruction engineering activities needed for the

improvements, relocating the utilities, and other costs as specified in the AGREEMENT, and the DEPARTMENT has relied upon such representations and

WHEREAS, the DEPARTMENT has expressed a willingness to participate in the funding of the construction of the PROJECT with funds of the DEPARTMENT, funds apportioned to the DEPARTMENT by the Federal Highway Administration, hereinafter referred to as the "FHWA", under Title 23, United States Code, Section 104, or a combination of funds from any of the above sources; subject to those certain conditions set forth in the AGREEMENT.

THEREFORE in consideration of the mutual promises made and of the benefits to flow from one to the other, the DEPARTMENT and the COUNTY hereby agree each with the other as follows:

1. Primary Consultant firms hired by the COUNTY to provide services on the PROJECT shall be prequalified with the DEPARTMENT in the appropriate area-classes. The DEPARTMENT shall, on request, furnish the COUNTY with a list of prequalified consultant firms in the appropriate area-classes.
2. The PROJECT construction and right of way plans shall be prepared in English units.
3. The COUNTY shall contribute towards the PROJECT by funding all cost for the preconstruction engineering (design). The preconstruction engineering activities shall be accomplished in accordance with the DEPARTMENT'S

Plan Development Process, the applicable guidelines of the American Association of State Highway and Transportation Officials (AASHTO), the DEPARTMENT'S Standard Specifications for the Construction of Roads and Bridges, the DEPARTMENT'S Plan Presentation Guide, PROJECT schedules, and applicable guidelines of the DEPARTMENT. The COUNTY'S responsibility for design shall include but is not limited to the following:

- a. Prepare the PROJECT concept report in accordance with the format used by the DEPARTMENT. The concept for the PROJECT shall be developed to accommodate the future traffic volumes as generated by the COUNTY and approved by the DEPARTMENT. The concept report shall be approved by the DEPARTMENT prior to the COUNTY beginning further development of the PROJECT plans. It is recognized by the parties that the approved concept may be modified by the COUNTY as required by the DEPARTMENT and reapproved by the DEPARTMENT during the course of design due to public input, environmental requirements, or right of way considerations.
- b. Develop the PROJECT'S base year (year facility is expected to be open to traffic) and design year (base year plus 20 years) traffic volumes. This shall include average daily traffic (ADT) and morning (am) and evening (pm) peak hour volumes. The traffic shall show all through and turning movement volumes at inter sections for the ADT and peak hour volumes and shall indicate the percentage of trucks expected on the facility.

- c. Validate (check and update) the approved PROJECT concept and prepare a Project Design Book for approval by the DEPARTMENT prior to the beginning of preliminary plans.
- d. Prepare environmental studies, documentation, and reports for the PROJECT that show the PROJECT is in compliance with the provisions of the National Environmental Protection Act and Georgia Environmental Protection Act, as appropriate to the PROJECT funding. This shall include any and all archaeological, historical, ecological, air, noise, underground storage tanks (UST), and hazardous waste site studies required. The COUNTY shall submit to the DEPARTMENT all environmental documents and reports for review and approval by the DEPARTMENT and the FHWA.
- e. Prepare all public hearing and public information displays and conduct all required public hearings and public information meetings in accordance with DEPARTMENT practice.
- f. Perform all surveys, mapping, and soil investigation studies needed for design of the PROJECT.
- g. Perform all work required to obtain project permits, including, but not limited to, US Army Corps of Engineers 404 and Federal Emergency Management Agency (FEMA) approvals. These efforts shall be coordinated with the DEPARTMENT.
- h. Prepare the PROJECT'S drainage design including erosion control plans and the development of the hydraulic studies for the Federal Emergency

Management Agency Floodways and acquisition of all necessary permits associated with the drainage design.

- i. Prepare traffic studies, preliminary construction plans, including a cost estimate for the Preliminary Field Plan Review, preliminary and final utility plans, preliminary and final right of way plans, staking of the required right of way, and the final construction plans including erosion control, traffic handling, and construction sequence plans and specifications including special provisions for the PROJECT.
 - j. Provide certification, by a Georgia Registered Professional Engineer, that the construction plans have been prepared under the guidance of the professional engineer and are in accordance with acceptable industry standards.
4. The DEPARTMENT shall review and has approval authority for all aspects of the PROJECT. The DEPARTMENT will work with the FHWA to obtain all needed approvals with information furnished by the COUNTY.
 5. Upon the COUNTY'S determination of the rights of way required for the PROJECT and the approval of the right of way plans by the DEPARTMENT, the COUNTY shall fund the acquisition and acquire the necessary rights of way for the PROJECT. Right of way acquisition shall be in accordance with the law and the rules and regulations of the FHWA including but not limited to, Title 23, United States Code: (Uniform Act), and 49 CFR Part 24, and the rules and regulations of the DEPARTMENT. Failure to follow these

requirements will result in loss of Federal funding for the project and it will be the responsibility of the COUNTY to make up the loss of that funding. All required right of way shall be obtained and cleared of obstructions, including underground storage tanks, prior to the DEPARTMENT' S advertising the project for bids. The COUNTY shall further be responsible for making all changes to the approved right of way plans, as deemed necessary by the DEPARTMENT, for whatever reason, as needed to purchase the right of way or to match actual conditions encountered.

6. The COUNTY shall be responsible for all utility relocation costs necessary for the construction of the PROJECT.
7. The COUNTY shall be responsible for all costs for providing energy, maintenance, and operational costs of any roadway and interchange lighting within the PROJECT limits.
8. The COUNTY shall follow the DEPARTMENT' S procedures for identification of existing and proposed utility facilities on the PROJECT. These procedures, in part, require all requests for existing, proposed, or relocated facilities to flow through the DEPARTMENT' S Project Liaison and the District Utilities Engineer.

9. Upon completion and approval of the PROJECT plans, certification that all needed rights of way have been obtained and cleared of obstructions, and certification that all needed permits for the PROJECT have been obtained by the COUNTY, the DEPARTMENT shall let the PROJECT for construction. Except as provided herein and upon receipt of an acceptable bid, the DEPARTMENT shall bear all costs for construction, including all costs associated with inspection and materials testing during construction. The DEPARTMENT shall be solely responsible for securing and awarding the construction contract for the PROJECT.
10. The COUNTY agrees that all reports, plans, drawings, studies specifications, estimates, maps, computations, computer diskettes and printouts, and any other data prepared under the terms of this agreement shall become the property of the DEPARTMENT. This data shall be organized, indexed, bound, and delivered to the DEPARTMENT no later than the advertisement of the PROJECT for letting. The DEPARTMENT shall have the right to use this material without restriction or limitation and without compensation to the COUNTY.
11. THE COUNTY shall be responsible for making all revisions to the plans including revisions made after the PROJECT is let and under construction. All revisions shall be coordinated with the DEPARTMENT prior to issue.

IN WITNESS WHEREOF, the DEPARTMENT and the COUNTY have caused these presents to be executed under seal by their duly authorized representatives.

RECOMMENDED:

MCDUFFIE COUNTY BOARD OF COMMISSIONERS
McDuffie County, Georgia

[Signature]
District Preconstruction Engineer

BY: [Signature]
Chairman, Charles G. Newton IV

[Signature]
Director of Preconstruction

Signed, sealed and delivered this 6
Day, of, February, 2002, in the
Presence of:

[Signature]
Chief Engineer

[Signature]
Witness

[Signature]
Notary Public
NOTARY PUBLIC FOR THE STATE OF GEORGIA

DEPARTMENT OF TRANSPORTATION

This Agreement approved by the
McDuffie County Commission
at a meeting held at
Thomson, GA 30824
the 6th day of February, 2002.

BY: [Signature]
Deputy Commissioner

[Signature]
Clerk of Commission, Annette Finley

ATTEST:
[Signature]
Treasurer

REVIEWED 2/21/02
(DATE)
[Signature]
LEGAL TRANSPORTATION

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Two Design Office

PROJECT CONCEPT REPORT

Project Number: NHS-0003-00 (621)

County: McDuffie

P. I. Number: 0003621

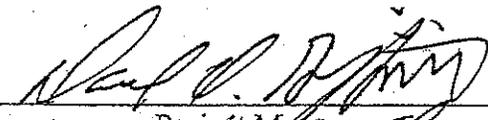
Federal Route Number: I-20

State Route Number: S.R. 402

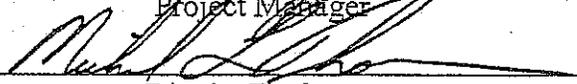
See Project location sketch on Page 2
I-20/Thomson West Bypass(Three Points Rd) Interchange

Recommendation for approval:

DATE 8/1/02


Project Manager

DATE 8-1-02


District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

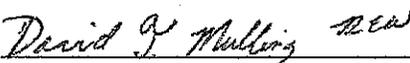
DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE 8/22/02


Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Two Design Office

PROJECT CONCEPT REPORT

Project Number: NHS-0003-00 (621)

County: McDuffie

P. I. Number: 0003621

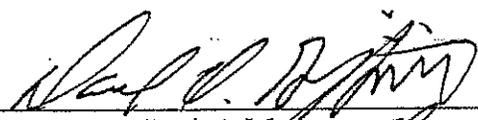
Federal Route Number: I-20

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See Project location sketch on Page 2
I-20/Thomson West Bypass(Three Points Rd) Interchange

Recommendation for approval:

DATE 8/1/02

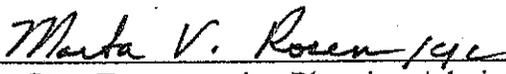

Project Manager

DATE 8-1-02


District Engineer

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

DATE 8/7/02


State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: NHS-0003-00(621), McDuffie County
P.I. No. 0003621

Office: Traffic Safety & Design
Atlanta, Georgia
Date: August 8, 2002

PMA/LL
From: Phillip M. Allen, State Traffic Safety and Design Engineer
To: Wayne Hutto, Assistant Director of Preconstruction
Subject: Project Concept Report Review

We have reviewed the above referenced concept report for the proposed new Interchange on Interstate 20 at Three Points Road in McDuffie 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 Keeper, State Environment/Location Engineer
Mike Thomas, District Engineer
Attention: George Brewer, 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 Two Design Office

PROJECT CONCEPT REPORT

Project Number: NHS-0003-00 (621)

County: McDuffie

P. I. Number: 0003621

Federal Route Number: I-20

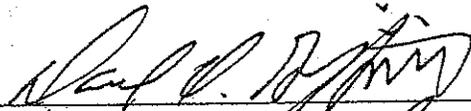
State Route Number: S.R. 402

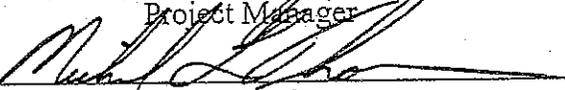
See Project location sketch on Page 2
I-20/Thomson West Bypass(Three Points Rd) Interchange

Recommendation for approval:

DATE 8/1/02

DATE 8-1-02



Project Manager


District Engineer

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DATE _____

State Transportation Planning Administrator

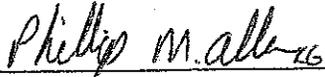
DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE 8-8-02



State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Two Design Office

PROJECT CONCEPT REPORT

Project Number: NHS-0003-00 (621)

County: McDuffie

P. I. Number: 0003621

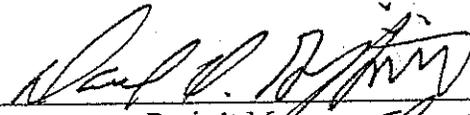
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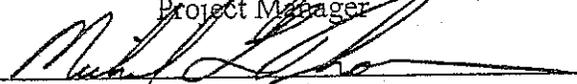
— See Project location sketch on Page 2
I-20/Thomson West Bypass(Three Points Rd) Interchange

Recommendation for approval:

DATE 8/1/02


Project Manager

DATE 8-1-02


District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

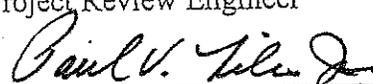
DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE 8/12/02


State Bridge and Structural Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District Two Design Office

PROJECT CONCEPT REPORT

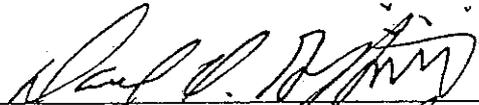
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County: McDuffie
P. I. Number: 0003621

Federal Route Number: I-20
State Route Number: S.R. 402

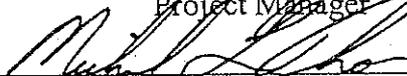
*See Project location sketch on Page 2
I-20/Thomson West Bypass(Three Points Rd) Interchange*

Recommendation for approval:

DATE 8/1/02


Project Manager

DATE 8-1-02


District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE 8/2/02


State Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Two Design Office

PROJECT CONCEPT REPORT

Project Number: NHS-0003-00 (621)

County: McDuffie

P. I. Number: 0003621

Federal Route Number: I-20

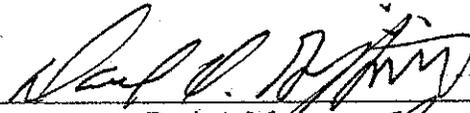
State Route Number: S.R. 402

*See Project location sketch on Page 2
I-20/Thomson West Bypass(Three Points Rd) Interchange*

Recommendation for approval:

DATE 8/1/02

DATE 8-1-02



Project Manager


District Engineer

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

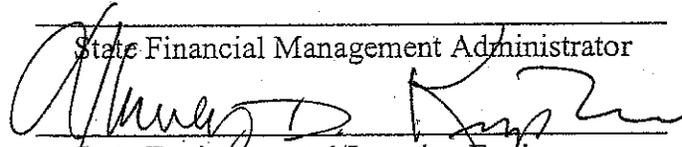
DATE _____

State Transportation Planning Administrator

DATE _____

State Financial Management Administrator

DATE 8/14/02



State Environmental/Location Engineer

DATE _____

State Traffic Safety & Design Engineer

DATE _____

Project Review Engineer

DATE _____

State Bridge and Structural Design Engineer