

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0006721, Cherokee County **OFFICE** Preconstruction
CSSTP-0006-00(721)
Town Lake Parkway Improvements **DATE** July 20, 2005

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

TO SEE DISTRIBUTION

SUBJECT APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Paul Liles
Babs Abubakari
Kent Sager
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0006721, Cherokee County **OFFICE** Preconstruction
 CSSTP-0006-00(721)
 Towne Lake Parkway Improvements **DATE** July 18, 2005

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

TO David E. Studstill, Jr., P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project consists of safety and operational improvements along Towne Lake Parkway/CR 416 with the intersections of Ford Parkway, Woodstock Parkway, and the I-575 ramps. The project begins 0.2 mile west of I-575 and extends 0.39 mile to Woodstock Parkway at MP 0.46. Accident history for the four year period from January 2000 to December 2003 shows a total of 300 accidents. There were 186 accidents reported for the ramp sections, 4 accidents west of the I-575 ramps, 74 accidents between the I-575 ramps, 12 accidents at the Ford Parkway intersection, and 24 accidents at the Woodstock Parkway intersection. Of the 300 accidents reported, 187 (62%) were rear end accidents. The projected traffic volumes are 55,305 VPD in 2007 and 67,716 VPD in 2027.

Proposed improvements on Towne Lake Parkway include the addition of an eastbound through lane from the east entrance of Towne Lake Connection to Ford Parkway, the addition of a westbound left turn lane under the I-575 bridge to provide dual left turns to the southbound entrance ramp, widening the north side of Towne Lake Parkway to provide a free flow right turn lane from Woodstock Parkway, and constructing sidewalks on each side for the length of the project.

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

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$807,000	\$790,000	Q23	2005
Right-of-Way & Utilities*	Local	Local		

*Cherokee County signed PM on 3-21-05 for PE, right-of-way, utilities, and 20% of construction costs.

David Studstill

Page 2

P.I. No. 0006(721), Cherokee

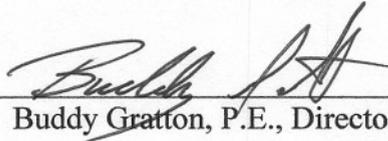
July 18, 2005

I recommend this project concept be approved.

MBP:JDQ/cj

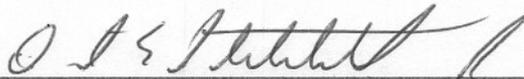
Attachment

CONCUR



Buddy Gratton, P.E., Director of Preconstruction

APPROVE



David E. Studstill, Jr., P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: CSSTP-0006-00(721) Cherokee
P.I. No. 0006721
Towne Lake Parkway Improvements

OFFICE: Engineering Services

DATE: July 1, 2005

FROM: Brian K. Summers, P.E., Project Review Engineer *REW*

TO: Meg Pirkle, P.E., Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT

We have reviewed the Concept Report submitted June 15, 2005 from District 6 Preconstruction, and have no comments:

The costs for this project are:

Construction	\$656,965
Inflation	\$67,340
E & C	\$72,430
Reimbursable Utilities	\$30,000 (LGPA signed 3/21/05)
Right of Way	\$67,000 (LGPA signed 3/21/05)

REW

c: Kent Sager, Attn.: David Moore

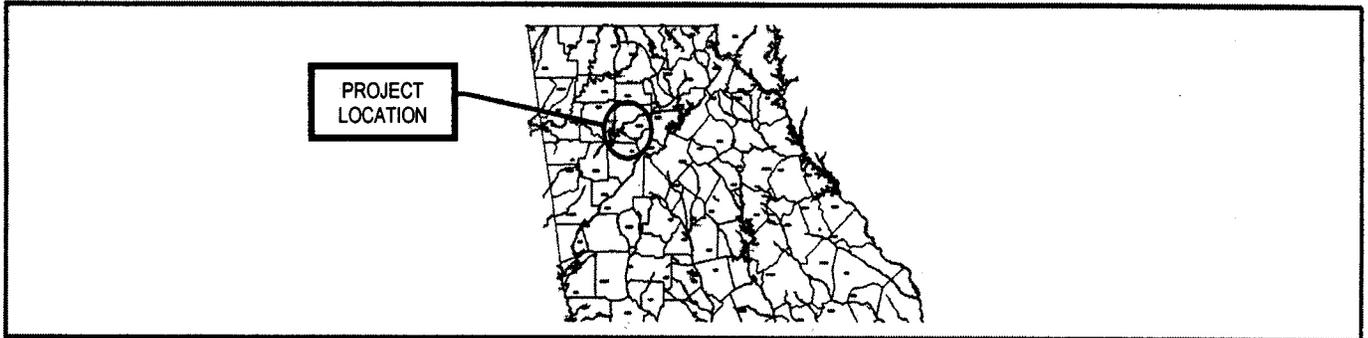
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 6**

Project Concept Report

Project Number: CSSTP-0006-00(721)
County: Cherokee
P. I. Number: 0006721

Federal Route Number: I-575
State Route Number: 417
County Route Number: 416 (Towne Lake Parkway)

Towne Lake Parkway at I-575



Recommended for approval:

DATE: 06-27-05

DATE: 6/27/05

Handwritten signature of Curtis D. Comer.

Project Manager

Handwritten signature of the Office Head/District Engineer.

Office Head/District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

State Transportation Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety & Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

Other Offices as required such as Bridge Design, etc.

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 6**

Project Concept Report

Project Number: CSSTP-0006-00(721)

County: Cherokee

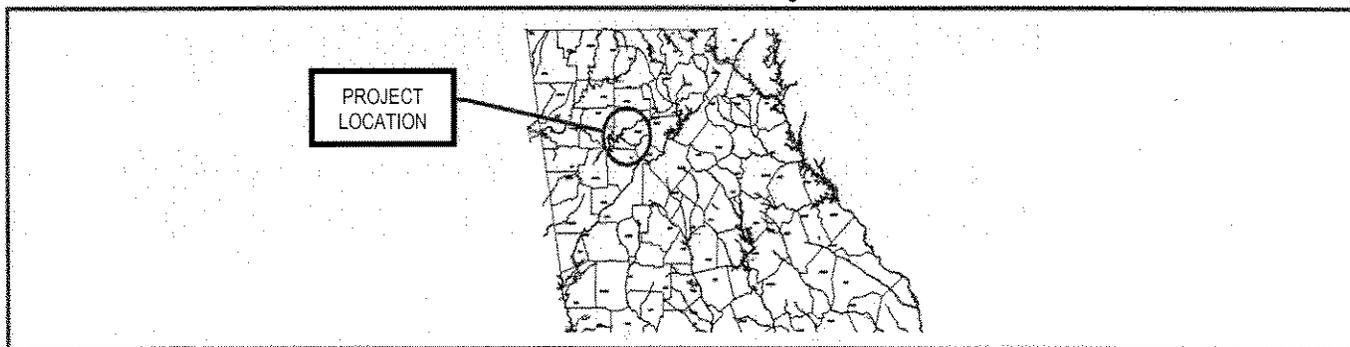
P. I. Number: 0006721

Federal Route Number: I-575

State Route Number: 417

County Route Number: 416 (Towne Lake Parkway)

Towne Lake Parkway at I-575



Recommended for approval:

DATE: _____

Project Manager

DATE: _____

Office Head/District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

State Transportation Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety & Design Engineer

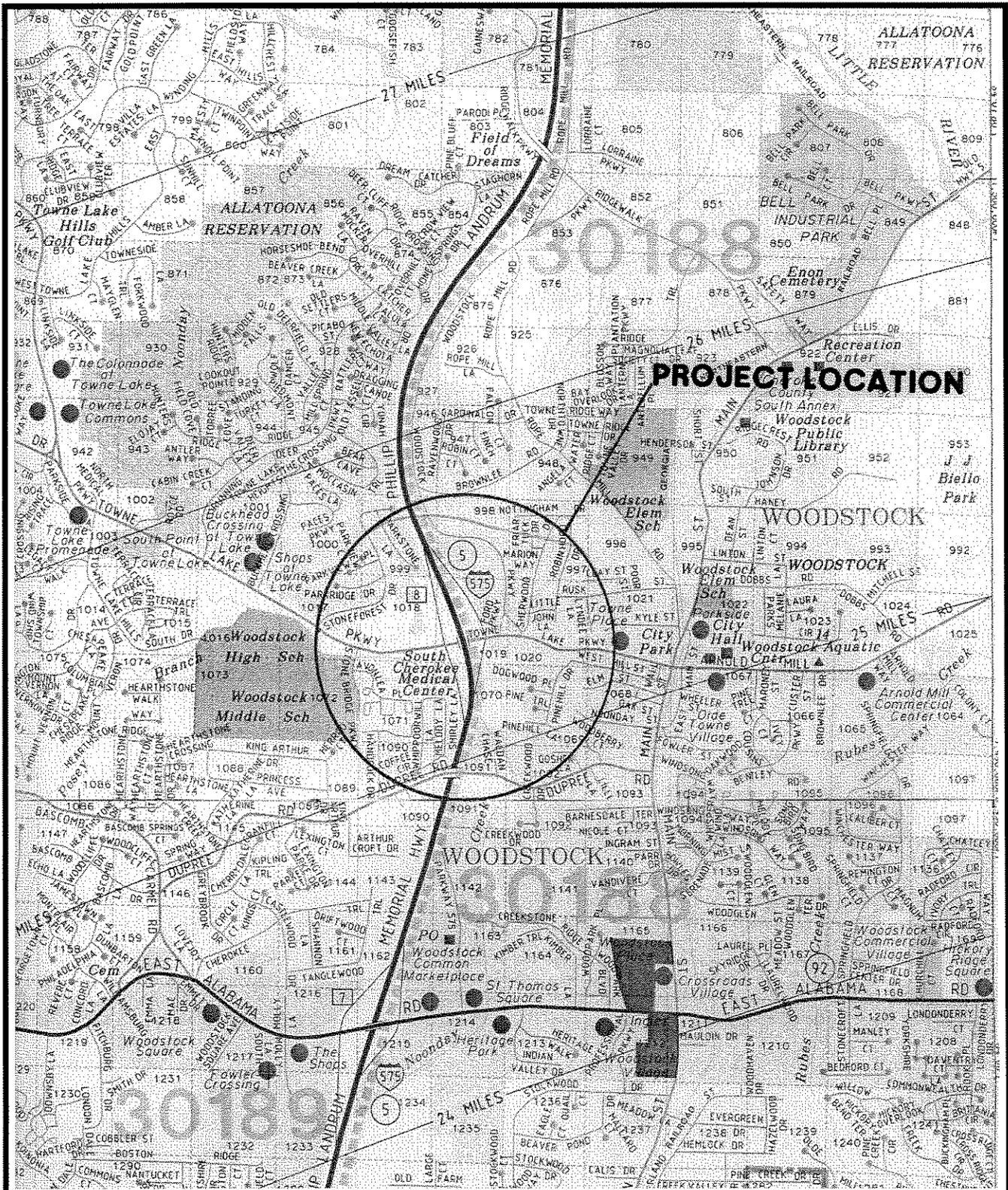
DATE: _____

Project Review Engineer

DATE: _____

Other Offices as required such as Bridge Design, etc.

PROJECT LOCATION MAP



Project No. CSSTP-0006-00(721)
P.I. No. 0006721
Cherokee County, GA

Need and Purpose:

The purpose for this project is to improve the safety and operation of Towne Lake Parkway/CR 416 with the intersections of Ford Parkway, Woodstock Parkway, and the I-575 ramps. In addition, the pedestrian facilities will be upgraded to improve the overall safety along this corridor.

Accident history for the four year period from January 2000 to December 2003 shows a total of 301 accidents. There were 186 accidents reported for the ramp sections, 4 accidents west of the I-575 ramps, 74 accidents between the I-575 ramps, 12 accidents at the Ford Parkway intersection and 24 accidents at the Woodstock Parkway intersection. Of the 301 accidents reported, 187 (62%) were rear-end accidents.

Proposed improvements on Towne Lake Parkway include the addition of an eastbound through lane from the east entrance of Towne Lake Connection to Ford Parkway, the addition of westbound left turn lane under the I-575 bridge to provide dual left turns to the southbound entrance ramp, widening the north side of Towne Lake Parkway to provide a free flow right turn lane from Woodstock Parkway, and constructing sidewalk on each side for the length of the project.

Description of the proposed project:

The project is located in Cherokee County and partially inside the City of Woodstock, Georgia. The project begins 0.2 miles west of Interstate 575 at mile log 0.85 on Towne Lake Parkway and extends approximately 0.39 miles to Woodstock Parkway at mile log 0.46. The proposed geometric and safety improvements will satisfy the need and purpose by reducing the operational deficiencies at the intersections along this section of Towne Lake Parkway.

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

The conforming Atlanta Regional Commission (ARC) model shows two through lanes in each direction on Towne Lake Parkway, which is consistent with the proposed design.

PDP Classification: Major , Minor

Federal Oversight: Full Oversight , Exempt , State Funded , or Others

Functional Classification: Towne Lake Parkway - Urban Local Road (Design for Urban Minor Arterial); I-575 Interstate - Principal Arterial

U. S. Route Number(s): I-575

State Route Number(s): 417

Traffic (AADT):

Current Year: (2007) 55,305

Design Year: (2027) 67,716

Existing Design Features:

- Typical Section:

- Towne Lake Parkway West of I-575: six to five 12' travel lanes, divided by a 6' to 14' concrete median with two WB through lanes, one WB left turn lane, two EB through lanes with drop to one EB through lane, one EB right turn lane to Towne Lake Connection, one EB right turn lane to SB I-575, curb and gutter, and sidewalk on north side.
 - Towne Lake Parkway between I-575 Ramps: four travel lanes, varying from 11.5' to 14', two WB through lanes, one EB through lane, one 14' left turn lane to I-575 entrance ramps, with 8.5' to 10' paved shoulders under the I-575 bridge. The existing minimum vertical clearance under the I-575 SB bridge is 16'-8" per vertical clearance report dated 3/29/04.
 - Towne Lake Parkway East of I-575: four travel lanes, varying from 11.5' to 13', two WB through lanes, one EB through lane, one EB left turn lane to Ford Parkway, curb and gutter.
 - Towne Lake Parkway East of Ford Parkway: two to four travel lanes, varying from 11' to 13', one WB through lane, one EB through lane, one EB left turn lane to Woodstock Parkway, one EB right turn lane, curb and gutter.
 - Ford Parkway: two travel lanes, one 16.5' SB right turn only lane, one 12' NB through lane, curb and gutter.
 - Woodstock Parkway: four 11' travel lanes, two in each direction, divided by a 16' grass median with curb and gutter.
 - I-575 SB Exit Ramp: one 16' asphalt travel lane, four-foot asphalt inside shoulder and six-foot asphalt outside shoulder.
 - I-575 SB Entrance Ramp: two 12' to 14' asphalt travel lanes, four-foot asphalt inside shoulder and six-foot asphalt outside shoulder.
 - I-575 NB Exit Ramp: three 12' asphalt travel lanes, two left turn lanes, one right turn lane, four-foot asphalt inside shoulder and eight-foot asphalt outside shoulder.
 - I-55 NB Entrance Ramp: One 16' asphalt travel lane, four-foot asphalt inside shoulder and six-foot asphalt outside shoulder.
- Posted Speed 40 mph Minimum radius for curve 1637 ft.
 - Maximum Grade: 3.4 %
 - Maximum Super-Elevation Rate for Curve: 4.3 %
 - Width of right of way: Varies - 103 ft. to 124 ft.
 - Major structures: Two parallel, two-lane bridges over Towne Lake Parkway, 183'X42', Structure ID 057-0043-0, Suff. Rating 71.86 and Structure ID 057-0042-0, Suff. Rating 72.44
 - Major interchanges or intersections along the project: I-575
 - Existing length of roadway segment and the beginning mile logs for each county segment. 0.39 miles, mile log 0.85 to mile log 0.46, Cherokee County

Proposed Design Features:

- Proposed typical section(s):
 - Towne Lake Parkway West of I-575: two existing 12' WB lanes and one 12' WB left turn lane, curb and gutter, sidewalk and six-foot to fourteen-foot concrete median to remain undisturbed. A 12' EB through lane will be added to provide two 12' through lanes, one 12' EB right turn lane to Towne Lake Connection and one 12' EB right turn lane to SB I-575, curb and gutter with sidewalks.
 - Towne Lake Parkway between I-575 Ramps: Six 11.5' travel lanes, two through lanes in each direction with dual 11.5' WB left turn lanes and one 11.5' EB left turn lane, curb and gutter with sidewalks and concrete side barrier place flush between bridge columns. The proposed minimum vertical clearance under the I-575 bridge will be approximately 16'-7½".

- Design Variances: 1. Lane width reduction; 2. Omission of 20-foot raised median
- Environmental concerns: None Anticipated
- Level of environmental analysis:
 - ⇒ Are Time Saving Procedures appropriate? Yes , No
 - ⇒ Categorical Exclusion: Anticipated
 - ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - ⇒ Environmental Impact Statement (EIS) .
- Utility involvement: Electrical: Sawnee EMC; Gas: Atlanta Gas Light; Sewer: Cherokee Water & Sewer; Water: Cherokee Water & Sewer/City of Woodstock; Telephone: Bellsouth; Cable TV: Adelphia

Project responsibilities:

- ⇒ Design: Cherokee County
- ⇒ Right of Way Acquisition: Cherokee County
- ⇒ Relocation of Utilities: Cherokee County
- ⇒ Letting to contract: GDOT
- ⇒ Supervision of construction: GDOT
- ⇒ Providing material pits: Contractor
- ⇒ Providing detours: N/A

Coordination:

- **Initial Concept Meeting** Date 2/15/05
- **Concept Meeting** Date 5/17/05
- **P. A. R. Meeting** Date Not Required
- **FEMA, USCG, and/or TVA:** None
- **Public involvement:** None
- **Local government commitments:** PE, R/W, 20% Construction
- **Other projects in area:** NH-IM-575-1(31), P.I. No. 611250, I-575 Auxillary Lane
- **Other coordination to date:** None
- **Railroads:** None

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 4 Months.
- Time to complete preliminary construction plans: 4 Months.
- Time to complete right of way plans: 3 Months
- Time to complete the Section 404 Permit: 3 Months.
- Time to complete final construction plans: 3 Months.
- Time to complete to purchase right of way: 3 Months.
- List other major items that will affect the project schedule: None

Other alternates considered: No Build Alternative: This alternative would consist of no improvements to Towne Lake Parkway. This alternative was not chosen because it does not improve the safety or operations identified as goals of this project.

Comments: None

Attachments:

1. Cost Estimates:
 - a) Construction including E&C,
 - b) Right of Way, and
 - c) Utilities.
2. Typical Sections,
3. Accident Summary,
4. Bridge Inventory and Vertical Clearance Report, and
5. Concept Meeting Notes with Responses

CONCEPT COST ESTIMATE

PROJECT NUMBER: CSSTP-0006-00(721) **COUNTY:** Cherokee
DATE: April 6, 2005 **ESTIMATED LETTING DATE:**
PREPARED BY: PBS&J **PROJECT LENGTH (MILES):** 0.39 miles

() **PROGRAMMING PROCESS** (X) **CONCEPT DEVELOPMENT** () **DURING PROJECT DEV.**

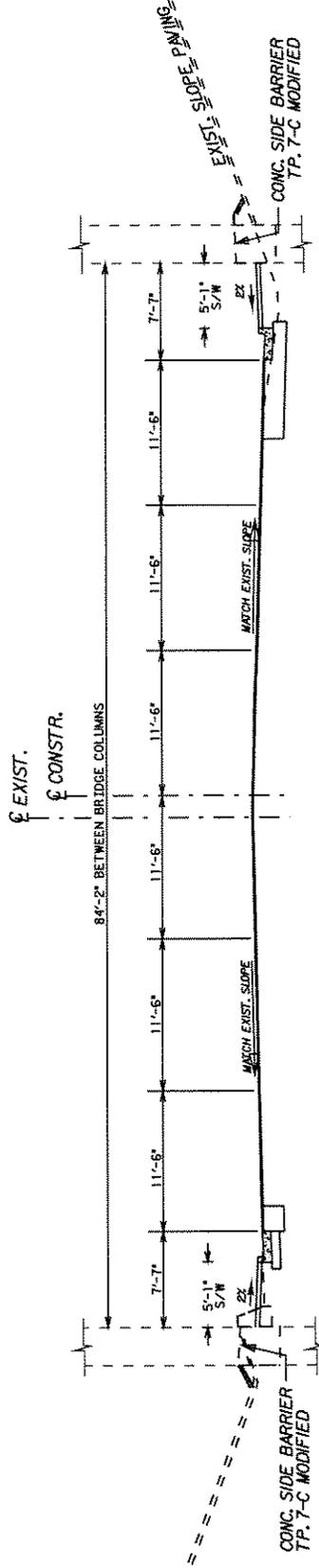
PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$67,000
2. DISPLACEMENTS; RES: 0, BUS: 0, M.H.: 0	\$0
3. OTHER COST (ADM./COST, INFLATION)	\$0
SUBTOTAL A:	\$67,000
B. REIMBURSABLE UTILITIES: (LGPA)	
1. RAILROAD	\$0
2. TRANSMISSION LINES	\$0
3. SERVICES	\$30,000
SUBTOTAL B:	\$30,000
CONSTRUCTION	
C. MAJOR STRUCTURES:	
1. RETAINING WALLS (GRAVITY)	\$4,965
2. BRIDGES (SLOPE PAVING REPLACEMENT)	\$5,000
3. EXTEND EXISTING CULVERTS (4'X 4' BOX CULVERT)	\$10,000
SUBTOTAL C:	\$19,965
D. GRADING & DRAINAGE	
1. EARTHWORK	
a. GRADING COMPLETE	\$30,000
SUBTOTAL D-1	\$30,000
2. DRAINAGE	
a. STORM DRAIN (140 lf of 15 in @ \$30)	\$4,200

b. STORM DRAIN (460 lf of 18 in @ \$40)	\$18,400
c. STORM DRAIN (20 lf of 30 in @ \$65)	\$1,300
d. STORM DRAIN (55lf of 48 in @ \$100)	\$5,500
e. CATCH BASIN (8 ea @ \$2000)	\$16,000
f. MANHOLE (2 ea @ \$2500)	\$5,000
g. FLARED END SECTION (4 ea of 15 in @ \$500)	\$2,000
h. FLARED END SECTION (1 ea of 18 in @ \$500)	\$500
i. FLARED END SECTION (1 ea of 30 in @ \$1000)	\$1,000
j. CONCRETE HEADWALL (5 cy @ \$620)	\$3,100
k. CURB & GUTTER (3300 lf @ \$10)	\$33,000
SUBTOTAL D-2	\$90,000
SUBTOTAL D:	\$120,000
E. BASE AND PAVING	
1. AGGREGATE 12" BASE (810 TONS @ \$15)	\$12,150
2. ASPHALT PAVING	
a. 1.5" SURFACE (1400 tons @ \$40)	\$56,000
b. 2" BINDER (200 tons @ \$40)	\$8,000
c. 8" BASE (500 tons @ \$40)	\$20,000
d. LEVELING (10 tons @ \$40)	\$400
e. MILLING (15,000 sy @ \$2)	\$30,000
f. TACK COAT (800 gal @ \$1)	\$800
g. PAVEMENT REINF STRIPS (1600 lf @ \$3)	\$4,800
SUBTOTAL E-2	\$120,000
3. CONCRETE WORK	
a. SIDEWALK (1700 sy @ \$23)	\$39,100
b. MEDIAN (120 sy @ \$25)	\$3,000
c. TP 7-C MOD.SIDE BARRIER (250 lf @ \$200)	\$50,000
d. CLASS B PVMT WIDENING (50 cy @ \$135)	\$6,750
e. 4" DITCH PAVING (240 sy @ \$25)	\$6,000
SUBTOTAL E-3	\$104,850
SUBTOTAL E:	\$237,000

F. LUMP ITEMS	
1. TRAFFIC CONTROL	\$20,000
2. GRASSING	\$14,000
3. EROSION CONTROL	\$36,000
SUBTOTAL G:	\$70,000
G. MISCELLANEOUS	
1. SIGNALS	\$146,000
2. SIGNING & MARKING	\$25,000
3. GUARDRAIL & ANCHORS	\$39,000
SUBTOTAL H:	\$210,000

ESTIMATE SUMMARY		
A. RIGHT-OF-WAY		\$67,000
B. REIMBURSABLE UTILITIES		\$30,000
CONSTRUCTION		
C. MAJOR STRUCTURES		\$19,965
D. GRADING & DRAINAGE		\$120,000
E. BASE & PAVING		\$237,000
F. LUMP ITEMS		\$70,000
G. MISCELLANEOUS		\$210,000
SUBTOTAL CONSTRUCTION COST		\$656,965
INFLATION (5% PER YEAR)		\$67,339
NUMBER OF YEARS	2	
E & C (10%)		\$65,696
TOTAL CONSTRUCTION COST		\$790,000
GRAND TOTAL PROJECT COST		\$887,000

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



TYPICAL SECTION @ TOWN LAKE PKWY. UNDER I-575 BRIDGE

TYPICAL SECTION
 TOWNE LAKE PARKWAY
 INTERSECTION IMPROVEMENTS
 TOWNE LAKE PARKWAY
 NOT TO SCALE

Towne Lake Parkway at I-575
Project No. CSSTP-0006-00(721)
County: Cherokee
P.I. No. 0006721

Accident History:

Year	Accidents								
	Rear-end	Side-swipe	Angle	Head-on	Struck Object	Run off	Total	Injury	Fatal
2000	49	2	13	1	0	3	68	19	0
2001	41	4	25	0	2	1	73	18	0
2002	42	2	23	1	3	2	73	22	0
2003	55	4	27	0	1	0	87	18	0

2002						
Section	Functional Class	Distance (Miles)	ADT	Accidents	All Accidents Rate (100 MVM)	Statewide Average
Towne Lake Parkway from Towne Lake Connection to Ford Parkway	Urban Local Road	0.39	47,000	73	1091	515

Note: All rates are for 100 million vehicle miles of travel.

The accident rate is more than twice the statewide average and indicates the need for the proposed improvements.

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 057-0042-0

Cherokee

SUFF. RATING

71.86

Location & Geography

* Structure I.D.No: 057-0042-0
 * 200 Bridge Information
 * 6A Feature Int: CR 416 TOWN LAKE PKWY
 * 6B Critical Bridge: 0
 * 7A Route Number Carried: SR00417
 * 7B Facility Carried: I-575 (NBL)
 * 9 Location: .7 MI W OF WOODSTOCK
 2 DOT District: 6
 207 Year Photo: 2004
 * 91 Inspection Frequency: 24 Date: 03/29/2004
 92A Fract Crit Insp Freq: 00 Date: 02/01/1901
 92B Underwater Insp Freq: 00 Date: 02/01/1901
 92C Other Spc. Insp Freq: 00 Date: 02/01/1901
 * 4 Place Code: 00000
 * 5 Inventory Route (O/U): 1
 Type: 1
 Designation: 1
 Number: 00575
 Direction: 0
 * 16 Latitude: 34-06.2 MMS Prefix: SR
 * 17 Longitude: 84-32.1 MMS Suffix: 00 MP: 25.00
 98 Border Bridge: 000 %Shared: 00
 99 ID Number: 0000000000000000

* 100 STRAHNET: 1
 12 Base Highway Network: 1
 13A LRS Inventory Route: 571041700
 13B Sub Inventory Route: 0
 * 101 Parallel Structure: R
 * 102 Direction of Traffic: 1
 * 264 Road Inventory Mile Post: 001.92
 * 208 Inspection Area: 09 Initials: JMC
 Engineer's Initial: SGM
 * Location I.D. No.: 057-00417D-008.14N

* 104 Highway System: 1
 * 26 Functional Classification: 11
 * 204 Federal Route Type: 1 No.: 05751
 * 105 Federal Lands Highway: 0
 * 110 Truck Route: 1
 206 School Bus Route: 0
 217 Benchmark Elevation: 0000.00
 218 Datum: 0
 * 19 Bypass Length: 01
 * 20 Toll: 3
 * 21 Maintenance: 01
 * 22 Owner: 01
 * 31 Design Load: 6
 37 Historical Significance: 5
 205 Congressional District: 06
 27 Year Constructed: 1982
 106 Year Reconstructed: 0000
 33 Bridge Median: 1
 34 Skew: 08
 35 Structure Flared: 0
 38 Navigation Control: N
 213 Special Steel Design: 0
 267 Type of Paint: 0
 * 42 Type of Service on: 1
 214 Movable Bridge: 0
 203 Type Bridge: Z-O-O-O
 259 Pile Encasement: 3
 * 43 Structure Type Main: 5 02
 45 No. Spans Main: 001
 44 Structure Type Appr: 5 02
 46 No. Spans Appr: 0002
 226 Bridge Curve Horz: 1 Vert: 1
 111 Pier Protection: 0
 107 Deck Structure Type: 1
 108 Wearing Surface Type: 1 Mc 0 F 1

Signs & Attachments

225 Expansion Joint Type: 02
 242 Deck Drains: 1
 243 Parapet Location: 0
 Height: 0.00
 Width: 0.00
 238 Curb: 0
 239 Handrail: 9 9
 * 240 Median Barrier Rail: 0
 241 Bridge Median Height: 0.00
 Width: 0.00
 * 230 Guardrail Loc Dir Rear: 6
 Fwrd: 0
 Oppo Dir Rear: 0
 Fwrd: 0
 244 Approach Slab: 3
 224 Retaining Wall: 0
 233 Posted Speed Limit: 65
 236 Warning Sign: 0
 234 Delineator: 1
 235 Hazard Boards: 0
 237 Utilities Gas: 00
 W 00
 Ele 00
 Telephone: 00
 St 00
 247 Lighting Street: 0
 Navigation: 0
 Aerial: 0
 * 248 County Continuity No.: 02

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 057-0042-0

Cherokee

SUFF. RATING

71.86

Programming Data

201 Project No.: I-575-1 (6) 07 CT.5
 202 Plans Available: 1
 249 Prop. Proj. No. 000000000000000000
 250 Approval Status: 0000
 251 P.I. No.: 00000000
 252 Contract Date: 02/01/1901
 260 Seismic No.: 00010
 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: 091650 Year: 2022
 114 Future ADT:

Measurements

* 29 ADT: 061100 Year: 2002
 * 109 % Trucks: 11
 * 28 Lanes On: 02 Under: 04
 210 No. Trucks On: 00 Under: 00
 * 48 Max. Span Length: 0088
 * 49 Structure Length: 183
 51 Br. Rwdy. Width: 42.00
 52 Deck Width: 45.20
 * 47 Tot. Horz. Cl: 42.00
 50 Curb/Sdewlk Width: 0.00/0.00
 32 Approach Rdwy Width: 038
 * 229 Shoulder Width:

Rear Lt: 4.00 Type: 2 Rt: 10.00
 Fwd Lt: 4.00 Type: 2 Rt: 10.00

Pavement Width:

Rear: 24.00 Type: 2
 Fwd: 24.00 Type: 2

Intersection Rear: 1 Fwd: 1

36 Safety Features Br. Rail:

Transition: 1

App. G. Rail: 1

App. Rail End: 1

53 Minimum Cl.Over:

Under: H

* 228 Min. Vertical Cl

Act. Odm Dir:

Oppo. Dir:

Posted Odm. Dir:

Oppo. Dir:

55 Lateral Undercl. Rt:

56 Lateral Undercl. Lt:

* 10 Max Min Vert Cl:

39 Nav Vert Cl:

116 Nav Vert Cl Closed:

245 Deck Thickness Main:

Deck Thick Approach:

246 Overlay Thickness:

212 Year Last Painted:

Sup: 0000 Sub: 0000

* Location I.D. No.: 057-00417D-008.14N

253 Notification Date: 02/01/1901

253 Fed Notify Date: 02/01/1901

0

Ratings

65 Inventory Rating Method: 1
 63 Inventory Rating Method: 1
 66 Inventory Type: 2 Rating: 21
 64 Operating Type: 2 Rating: 34
 231 Calculated Loads

H-Modified: 20 0

HS-Modified: 25 0

Type 3: 28 0

Type 3s2: 40 0

Timber: 36 0

Piggyback: 40 0

261 H Inventory Rating: 20

262 H Operating Rating: 28

67 Structural Evaluation: 4

58 Deck Condition: 8

59 Superstructure Condition: 8

* 227 Collision Damage: 0

60A Substructure Condition: 7

60B Scour Condition: N

60C Underwater Condition: N

71 Waterway Adequacy: N

61 Channel Protection Cond: N

68 Deck Geometry: 8

69 UnderClr. Horz/Vert: 4

72 Appr. Alignment: 8

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

Type3s2: 00

Timber: 00

Piggyback: 00

253 Notification Date: 02/01/1901

253 Fed Notify Date: 02/01/1901

0

Hydraulic Data

215 Waterway Data

Highwater Elev.: 0000.0 Year: 1900

Avg. Streambed Elev.: 0000.0 Freq.: 00

Drainage Area: 00000

Area Of Opening: 000000

113 Scour Critical: N

216 Water Depth: 00.0 Br. Height: 00.0

222 Slope Protection: 4

221 Spur Dikes Rear: 0 Fwd: 0

219 Fender System: 0

220 Dolphin: 0

223 Culvert Cover: 000

Type: 0

No. Barrels: 0

Width: 0.00 Height: 0.00

Length: 0 Apron: 0

* 265 U/W Insp. Area: 0 Diver: ZZZ

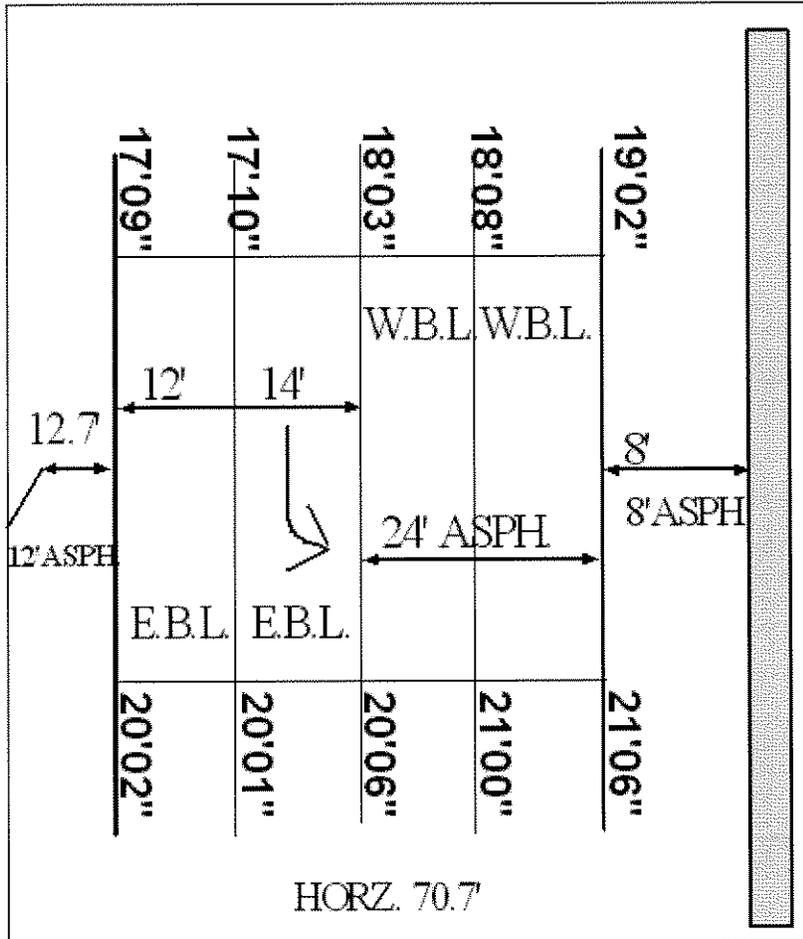
GEORGIA DEPARTMENT OF TRANSPORTATION

X-Vertical Clearance Report

District: 6
 Bridge Inspector: Jerry Cooper
 Location ID: 057-00417D-008.14N
 Structure ID: 057-0042-0

Inspection Date: 3/29/2004
 Over: CR 416 TOWN LAKE PKWY
 County: Cherokee
 Road Name: I-575 (NBL)

Inspection Area: 09
 Skew: 08



XLocationID 057-00416X-000.65W

XRef ID: 057-0042-0-A

Min Clearance Over:	99-99	Min Clearance Under:	17-09	Clearance Type:	H
Act Min Vert. Odom:	17-09	Post Min Vert. Odom:	00-00		
Act Min Vert. Opp:	99-99	Post Min Vert. Opp:	00-00		
Max Min Vert. Clear:	18-08	Direction:	West		

Lat Under CI Right: 8.00 Left: 0.00 Lateral Type: 4

Rating-Under CI Horz/Vert: 4 Total Horizontal Clearance (ft): 70.70

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 057-0043-0

Cherokee

SUFF. RATING

72.44

Location & Geography

* Structure I.D.No: 057-0043-0

* 200 Bridge Information

* 6A Feature Int: CR 416 TOWN LAKE PKWY

* 6B Critical Bridge: 0

* 7A Route Number Carried: SR00417

* 7B Facility Carried: I-575 (SBL)

* 9 Location: 7 MI W OF WOODSTOCK

2 DOT District: 6

2004

* 91 Inspection Frequency: 24 Date: 03/29/2004

92A Fract Crit Insp Freq: 00 Date: 02/01/1901

92B Underwater Insp Freq: 00 Date: 02/01/1901

92C Other Spc. Insp Freq: 00 Date: 02/01/1901

* 4 Place Code: 00000

* 5 Inventory Route (O/U): 1

Type: 1

Designation: 1

Number: 00575

Direction: 0

* 16 Latitude: 34-06.2

* 17 Longitude: 84-32.1

98 Border Bridge: 000

99 ID Number: 0000000000000000

* 100 STRAHNET: 1

12 Base Highway Network: 1

13A LRS Inventory Route: 571041700

13B Sub Inventory Route: 0

* 101 Parallel Structure: L

* 102 Direction of Traffic: 1

* 264 Road Inventory Mile Post: 001.93

* 208 Inspection Area: 09 Initials: JMC

Engineer's Initial: SGM

* Location I.D. No.: 057-00417D-008.15N

Signs & Attachments

* 104 Highway System: 1

* 26 Functional Classification: 11

* 204 Federal Route Type: 1 No.: 05751

* 105 Federal Lands Highway: 0

* 110 Truck Route: 1

206 School Bus Route: 0

217 Benchmark Elevation: 0000.00

218 Datum: 0

* 19 Bypass Length: 01

* 20 Toll: 3

* 21 Maintenance: 01

* 22 Owner: 01

* 31 Design Load: 6

37 Historical Significance: 5

205 Congressional District: 06

27 Year Constructed: 1982

106 Year Reconstructed: 0000

33 Bridge Median: 1

34 Skew: 08

35 Structure Flared: 0

38 Navigation Control: N

213 Special Steel Design: 0

267 Type of Paint: 0

* 42 Type of Service on: 1

214 Movable Bridge: 0

203 Type Bridge: Z-O-O-O

259 Pile Encasement: 3

* 43 Structure Type Main: 5 02

45 No. Spans Main: 003

44 Structure Type Appr: 0 00

46 No. Spans Appr: 0000

226 Bridge Curve Horiz: 1 Vert: 1

111 Pier Protection: 0

107 Deck Structure Type: 1

108 Wearing Surface Type: 1

Mt 0

F 1

225 Expansion Joint Type: 02

242 Deck Drains: 1

243 Parapet Location: 0

Height: 0.00

Width: 0.00

238 Curb: 0.00 0

239 Handrail: 9 9

* 240 Median Barrier Rail: 0

241 Bridge Median Height: 0.00

Width: 0.00

* 230 Guardrail Loc Dir Rear: 6

Fwrdd: 0

Oppo Dir Rear: 0

Fwrdd: 0

244 Approach Slab: 3

224 Retaining Wall: 0

233 Posted Speed Limit: 65

236 Warning Sign: 0

234 Delineator: 1

235 Hazard Boards: 0

237 Utilities Gas: 00

W 00

Ele 00

Telephone: 00

S< 00

247 Lighting Street: 0

Navigation: 0

Aerial: 0

* 248 County Continuity No.: 02

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 057-0043-0

Cherokee

SUFF. RATING

72.44

Programming Data

201 Project No.: I-575-1 (6) 07 CT.5
 202 Plans Available: 1
 249 Prop. Proj. No. 000000000000000000
 250 Approval Status: 0000
 251 P.J. No.: 00000000
 252 Contract Date: 02/01/1901
 260 Seismic No.: 00010
 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
 114 Future ADT: 082800 Year: 2022

Measurements

* 29 ADT: 055200 Year: 2002
 109 % Trucks: 4
 * 28 Lanes On: 02 Under: 04
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0088
 * 49 Structure Length: 183
 51 Br. Rwdy. Width: 42.00
 52 Deck Width: 45.20
 * 47 Tot. Horz. Cl: 42.00
 50 Curb/Sdewlk Width: 0.00/0.00
 32 Approach Rdwy Width: 038
 * 229 Shoulder Width:

Rear Lt: 4.00 Type: 2 Rt: 10.00
 Fwd Lt: 4.00 Type: 2 Rt: 10.00

Pavement Width:

Rear: 24.00 Type: 2
 Fwd: 24.00 Type: 2
 Intersection Rear: 1 Fwd: 1
 36 Safety Features Br. Rail: 1

Hydraulic Data

215 Waterway Data
 Highwater Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0000.0 Freq.: 00
 Drainage Area: 00000
 Area Of Opening: 000000
 113 Scour Critical: N
 216 Water Depth: 00.0 Br. Height: 00.0
 222 Slope Protection: 4
 221 Spur Dikes Rear: 0 Fwd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 0
 No. Barrels: 0
 Width: 0.00 Height: 0.00
 Length: 0 Apron: 0
 * 265 U/W Insp. Area: 0 Diver: ZZZ
 * Location I.D. No.: 057-00417D-008.15N

Ratings

65 Inventory Rating Method: 1
 63 Inventory Rating Method: 1
 66 Inventory Type: 2 Rating: 21
 64 Operating Type: 2 Rating: 35
 231 Calculated Loads
 H-Modified: 20 0
 HS-Modified: 25 0
 Type 3: 28 0
 Type 3s2: 40 0
 Timber: 36 0
 Piggyback: 40 0
 261 H Inventory Rating: 20
 262 H Operating Rating: 28
 67 Structural Evaluation: 4
 58 Deck Condition: 8
 59 Superstructure Condition: 8
 * 227 Collision Damage: 0
 60A Substructure Condition: 7
 60B Scour Condition: N
 60C Underwater Condition: N
 71 Waterway Adequacy: N
 61 Channel Protection Cond: N
 68 Deck Geometry: 8
 69 UnderClr. Horz/Vert: 4
 72 Appr. Alignment: 8
 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
 Type3s2: 00
 Timber: 00
 Piggyback: 00
 253 Notification Date 02/01/1901
 253 Fed Notify Date: 02/01/1901 0

GEORGIA DEPARTMENT OF TRANSPORTATION

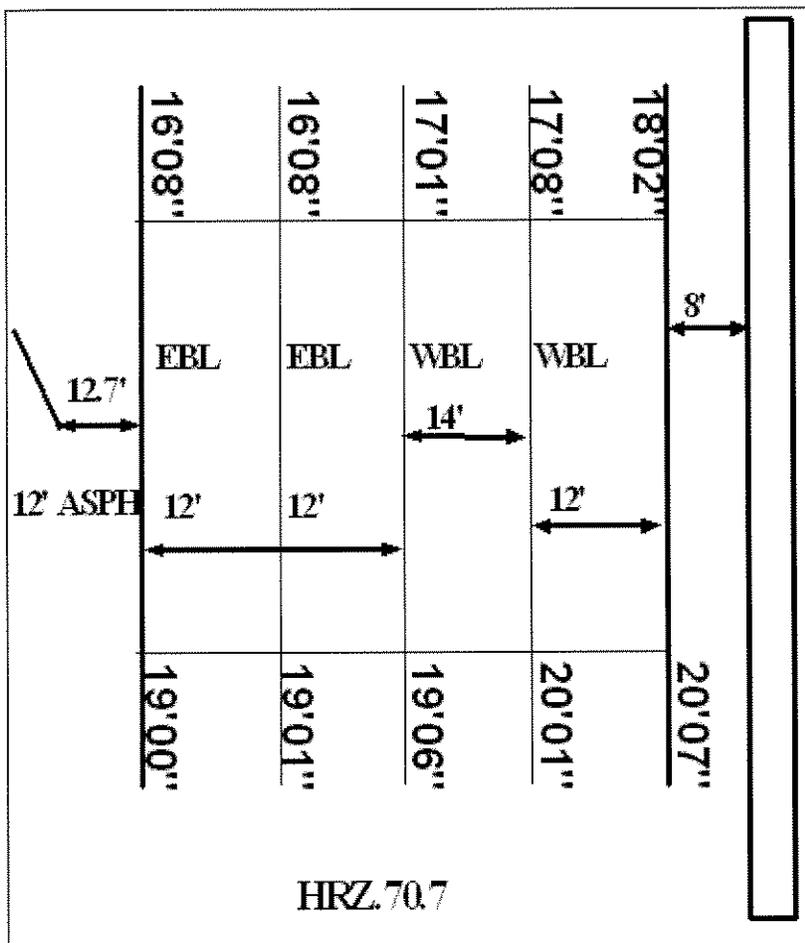
X-Vertical Clearance Report

District: 6
 Bridge Inspector: Jerry Cooper
 Location ID: 057-00417D-008.15N
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Inspection Date: 3/29/2004
 Over: CR 416 TOWN LAKE PKWY
 County: Cherokee
 Road Name: I-575 (SBL)

Inspection Area: 09

Skew: 08



XLocationID 057-00416X-001.67E

XRef ID: 057-0043-0-A

Min Clearance Over:	99-99	Min Clearance Under:	16-08	Clearance Type:	H
Act Min Vert. Odom:	16-08	Post Min Vert. Odom:	00-00		
Act Min Vert. Opp:	99-99	Post Min Vert. Opp:	00-00		
Max Min Vert. Clear:	17-08	Direction:	West		

Lat Under CI Right: 8.00 Left: 0.00 Lateral Type: 4

Rating-Under CI Horz/Vert: 4 Total Horizontal Clearance (ft): 70.70

Concept Meeting Notes for Project CSSTP-0006-00(721)

These are the notes that were taken at the Concept Meeting on May 17, 2005 for the project CSSTP-0006-00(721)/ PI 0006721 Cherokee County.

Concept Report (page 3)

- Need and Purpose: Needs an Environmental Document
Environmental issues are included in Concept Report under environmental concerns and level of environmental analysis.
- Description of the proposed project: Project stands alone/ No C-Mac

Concept Report (page 4)

- Proposed Design Features: Needs 12' lanes or need a Design Variance for the 11.5' lanes.
A Design Variance for lane reduction will be submitted.

Concept Report (page 6)

- Need to raise median for this project.
A Design Variance for omission of raised median will be submitted.
- Also need a Nationwide Permit.
Permit is included in Concept Report under Scheduling – Responsible Party's Estimate Section.
- No Public input towards this project.
- All driveways will stay in place.
- Do not need a Practical Report.
- Construction funds are in the 2006 letting.
- Vertical alignment is not changing.
- The County is buying the Right-of-Way.

Concept Report (page 7)/ Cost Estimate/ Typical Sections

- Typical Sections: Type 7 Conc. Side Barrier is placed between the columns.
- Cost Estimate needs to be refigured.
Cost estimate has been revised.
- Wall Design has to go through Bridge Department.
The proposed wall is a three-foot high gravity wall, GA. STD. 9031L, which is generally not reviewed by the bridge department.
- Report Score Sheet is missing.
Added report score sheet.

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. CSSTP-0006-00(721) – Cherokee County
P.I. No. 0006721

Notice is hereby given in compliance with Georgia code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location approval is _____.

The project is located in land lots 1018, 1019, and 1020 of Cherokee County and partially inside the City of Woodstock, Georgia. The project begins 0.2 miles west of I-575 on Towne Lake Parkway and extends 0.39 miles to Woodstock Parkway.

Proposed improvements on Towne Lake Parkway include the addition of an eastbound through lane from the east entrance of Towne Lake Connection to Ford Parkway, the addition of westbound left turn lane under the I-575 bridge to provide dual left turns to the southbound entrance ramp, widening the north side of Towne Lake Parkway to provide a free flow right turn lane from Woodstock Parkway, and constructing sidewalk on each side for the length of the project.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Mike Thomason
Mike.thomason@dot.state.ga.us
874 Peebles Valley Road, N.W.
Cartersville, Georgia 30120
(770) 387-3680

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Dewayne Comer
District Six Engineer
Dewayne.comer@dot.state.ga.us
500 Joe Frank Harris Parkway, S.E.
Cartersville, Georgia 30120
(770) 387-3602

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

SCORING RESULTS AS PER TOPPS 2440-2

Project Number:		County:		PI No.:	
Report Date:		Concept By:			
		DOT Office:			
<input type="checkbox"/> CONCEPT		Consultant:			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input type="checkbox"/> Minor	<input type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input type="checkbox"/> Bridge <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation					
Judgement					
Environmental					
Right of Way					
Utility					
Constructability					
Schedule					