Sharon - update database, JT

D.O.T.66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED
APR 12 1994
PRECONSTRUCTION

INTERDEPARTMENT CORRESPONDENCE

FILE STP-1778 (15), BARTOW COUNTY
P.I. NO. 641870
SR 293 @ CR 155/GRASSDALE ROAD
INTERSECTION IMPROVEMENTS

OFFICE Traffic Operations
Atlanta, Georgia
DATE April 11, 1994

FROM Marion G. Waters, III, P.E., State Traffic Operations Engineer

TO Charles Law, P.E., District Engineer - Cartersville
Attention: Bill McVey

SUBJECT APPROVED CONCEPT REPORT

Attached is a copy of the approved Concept Report on the above listed project and a copy of our files for your further handling. Utility and Right-of-Way costs have been requested. As soon as they are received, an LGPA will be requested with a copy of the request and estimated Utility and Right-of-Way costs sent to your office.

If you should have any questions concerning this, please contact Harry Graham of this office at 651-9599.

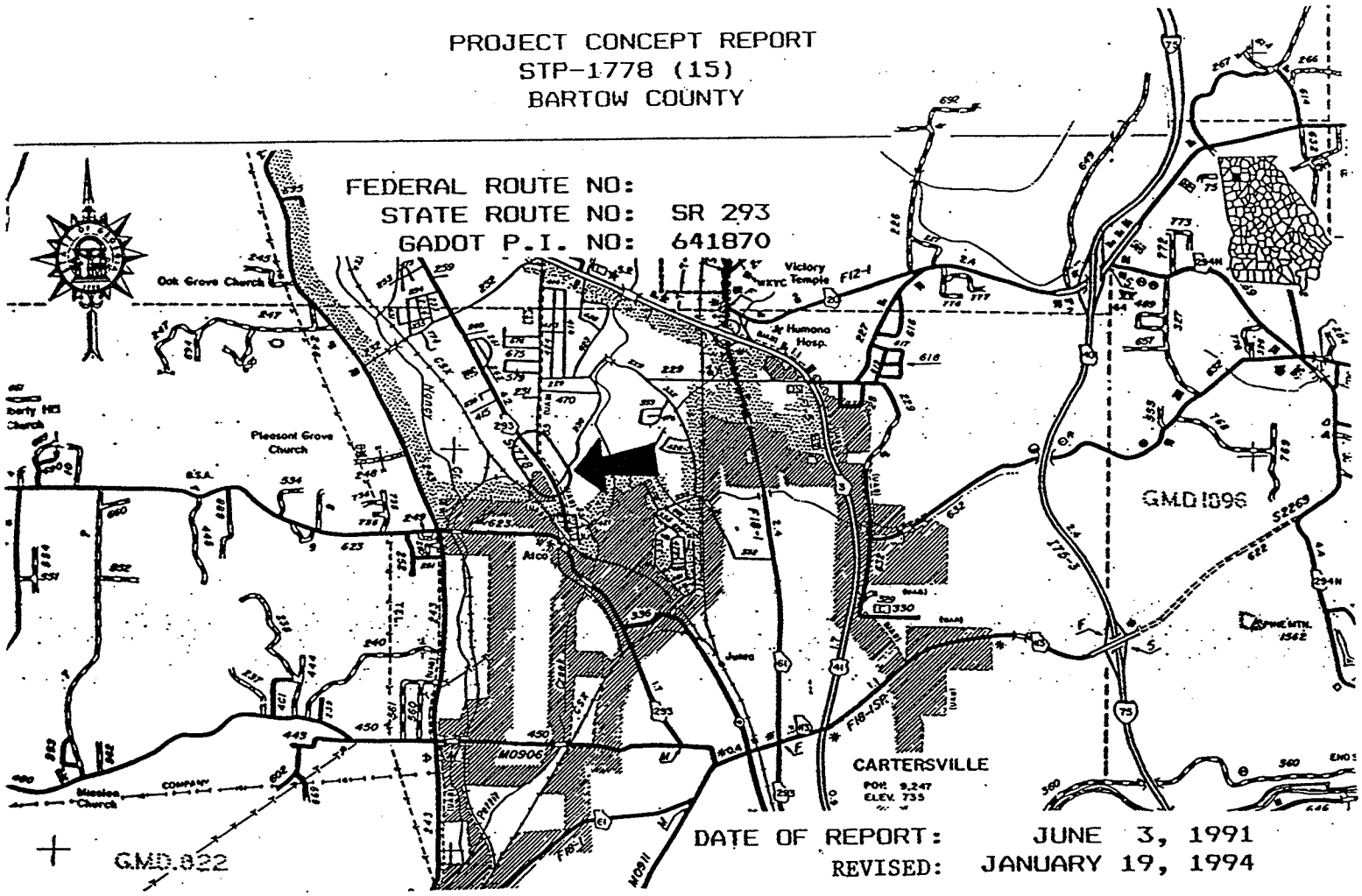
MGW:HG
Attachments
cc: Frank Danchetz
John Lively, W/atts
Bob Mustin, W/atts
Wayne Hutto, W/atts
Herman Griffin, W/atts
Tony Chambers - Cartersville, W/atts
General Files, W/Originals

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

PROJECT CONCEPT REPORT
STP-1778 (15)
BARTOW COUNTY

FEDERAL ROUTE NO:
STATE ROUTE NO: SR 293
GADOT P.I. NO: 641870



DATE OF REPORT: JUNE 3, 1991
REVISED: JANUARY 19, 1994

RECOMMENDED: 3/30/94 DATE — DISTRICT ENGINEER

RECOMMENDED: 2/1/94 DATE — M. G. Waters, III — STATE TRAFFIC OPERATIONS ENGINEER

RECOMMENDED: 4/6/94 DATE — STATE HIGHWAY ENGINEER

APPROVED: 4-6-94 DATE — COMMISSIONER

PROJECT CONCEPT REPORT

P.I. NO: 641870

PROJECT NO: STP-1778 (15), Bartow County ROUTE: SR 293

LOCATION: SR 293 at CR 155/Grassdale Road

TRAFFIC - CURRENT ADT: SR 293 - 5,080 (92 ADT)
CR 155 - 760 (92 ADT)

EXISTING TYPICAL SECTION: SR 293 - 2 lane rural section, 26 ft. wide with 2 ft. grassed shoulders.

CR 155/Grassdale Road - 2 lane rural section , 21 ft. wide with 1 ft. grassed shoulders.

EXISTING RIGHT-OF-WAY: SR 293 - 60 ft. estimated
CR 155 - 50 ft. estimated

EXISTING TRAFFIC CONTROL: Stop sign control on Grassdale Road.

EXISTING MAJOR STRUCTURES: None

STATEMENT OF NEED: To reduce driver confusion and increase safety by relocating the intersection of Grassdale Road with SR 293.

PURPOSE OF PROJECT: To construct Grassdale Road on new location to allow for 90 degree intersection with SR 293. To construct left turn lane southbound on SR 293 at Grassdale and TWLTL from Grassdale Road south on SR 293 to Hananon Place. To construct left turn lane northbound on SR 293 at Hananon Place, deceleration/right turn lane for CR 230/Parr Wade Road and for CR 155/Grassdale Road.

LENGTH: 0.71 mile (3730 ft.)
TERMINI - FROM: 1800 ft. south of existing intersection
TO : 890 ft. north of existing intersection

PDP CLASS: Minor Existing FUNCTIONAL CLASS: Rural Major Collector

MAX DEGREE OF CURVE: 2 Degrees MAX GRADES: 1 percent

DESIGN SPEED: Posted at 45

PROPOSED TYPICAL SECTION: SR 293 * 3 - 12 ft. lanes with curb & gutter from Grassdale Road's new location to gore of the northbound deceleration lane to Grassdale Road's old location.

CR 155/Grassdale Road * 3 - 12 ft. lanes on new location. 2 - 11 ft. lanes on old location with SB lane terminating into service station and NB being one way from SR 293 to CS 155/Grassdale Road new location.

PROPOSED MAJOR STRUCTURES: None

TYPE ACCESS: By Permit.

TRAFFIC CONTROL DURING CONSTRUCTION: Existing operation shall be maintained during construction.

RIGHT-OF-WAY REQUIREMENT: All required R/W shall be the responsibility of Bartow County.

UTILITIES: All Utilities in conflict shall be the responsibility of Bartow County.

ESTIMATED COST:

ITEM		TOTAL AMOUNT	
R/W	$	0	(By County LGPA)
UTILITIES	$	0	(By County LGPA)
SUB-TOTAL	$	0	
CONSTRUCTION.	$	270,000	
TRAFFIC SIGNAL	$	0	
INFLATION	$	0	
E. & C.	$	27,000	
TOTAL CONSTRUCTION	$	297,000	

PERMITS REQUIRED: None

LEVEL OF ENVIRONMENTAL ANALYSIS: Required R/W, thus Environmental assessment required.

LEVEL OF PUBLIC INVOLVEMENT: None

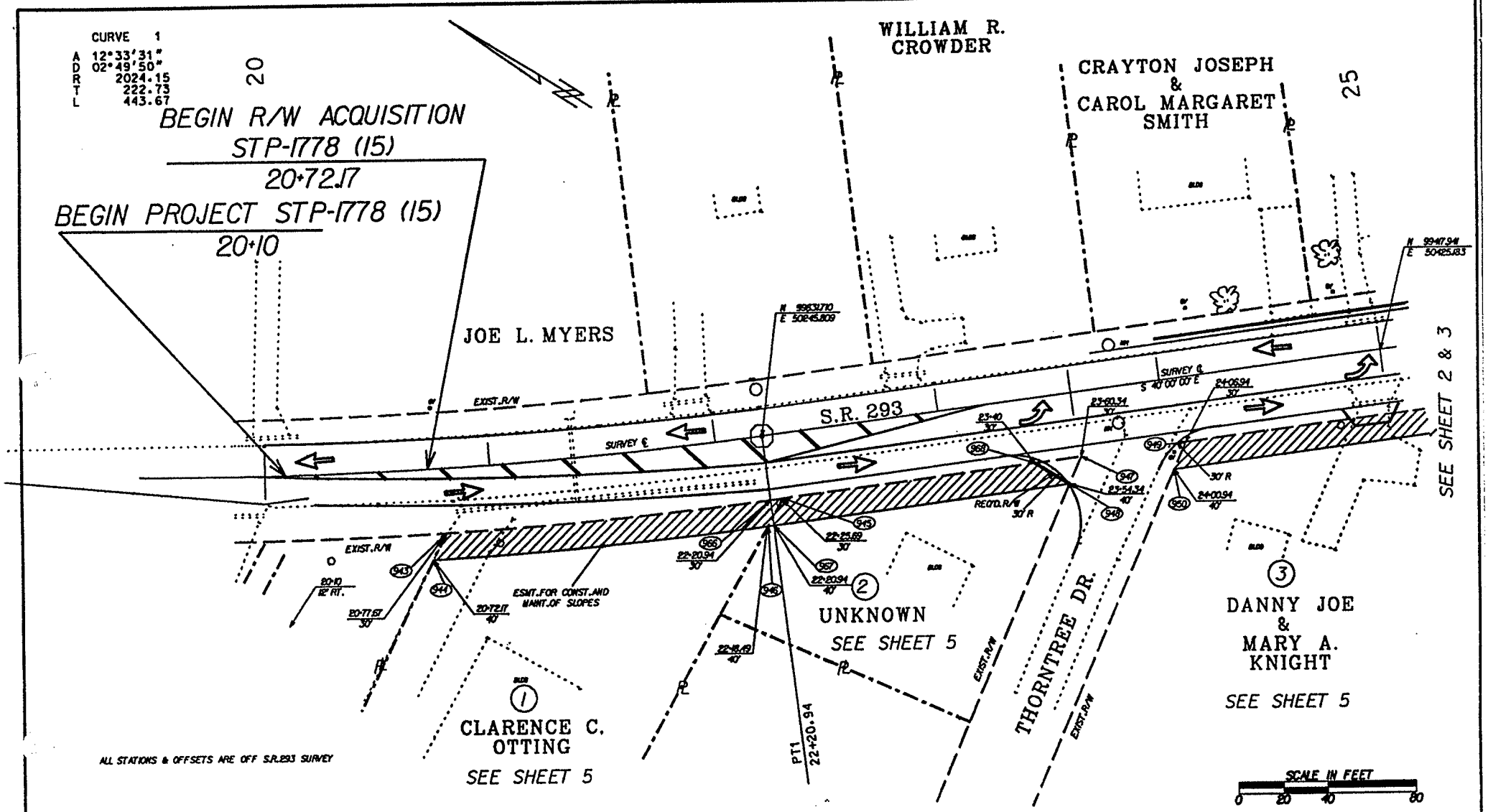
TIME SAVING PROCEDURES APPROPRIATE: YES (XX) NO ( )

DESIGN VARIANCES REQUIRED: None

ALTERNATIVES CONSIDERED: Reconstructing intersection at existing location was abandoned because of existing underground storage tanks and cost effectiveness.

PREPARED BY:

Harry Graham

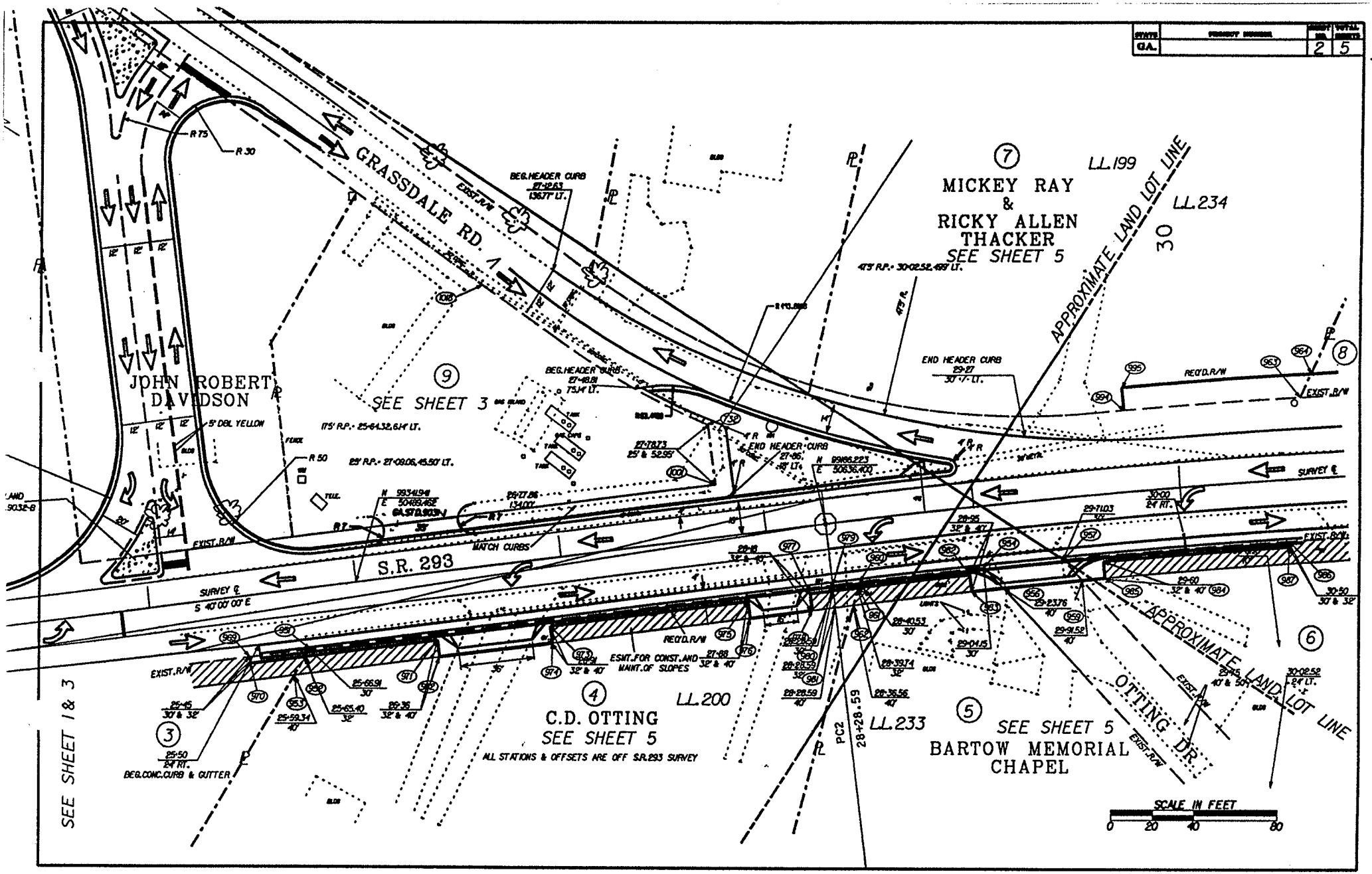


PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS ..... BLA		
REQUIRED R/W LINE	END LIMIT OF ACCESS ..... ELA		
CONSTRUCTION LIMITS	LIMIT OF ACCESS		
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	R/W AND LIMIT OF ACCESS		
EASEMENT FOR CONSTR OF SLOPES			
EASEMENT FOR CONSTR OF DRIVES			

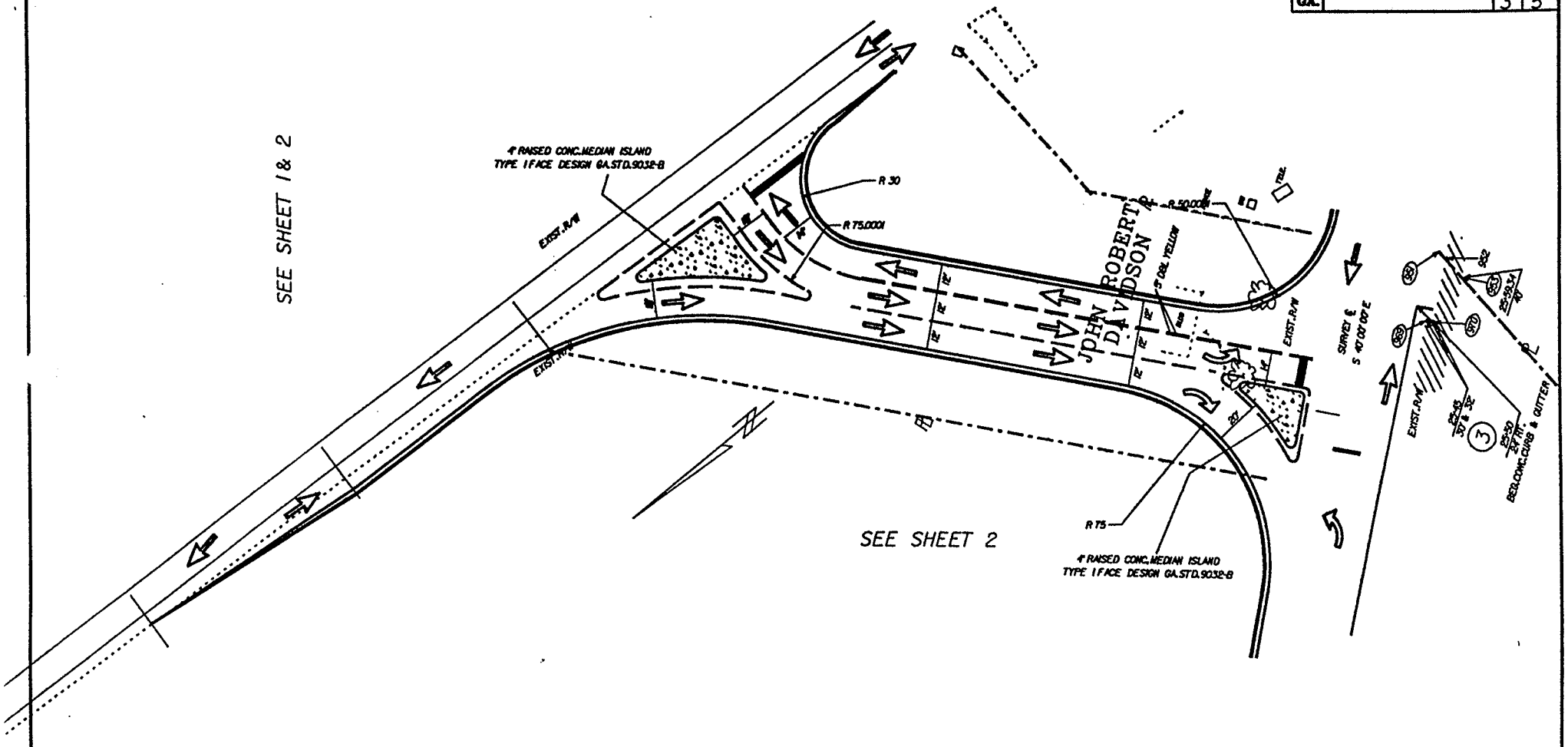
DATE	REVISIONS	DATE	REVISIONS

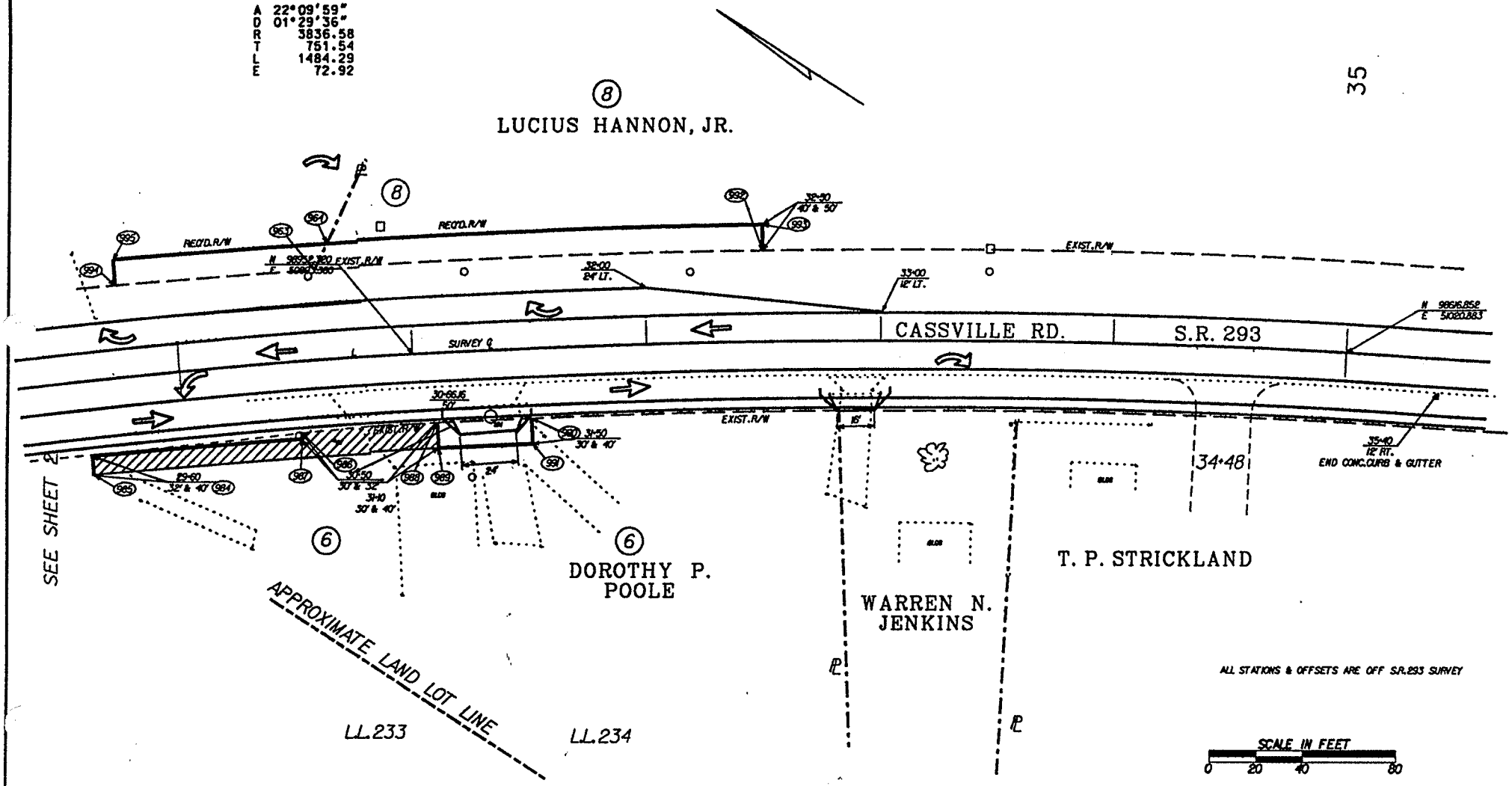
LAND LOT NO. 199,200,233 & 234
LAND DISTRICT 4
GMD 822

GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT STP-1778 (15)
COUNTY BARTOW
DATE 7-15-93 SH 1 OF 5


STATE GA.
PROJECT NUMBER
SHEET NO. 2
TOTAL SHEETS 5
GRASSDALE RD.
JOHN ROBERT DAVIDSON
MICKEY RAY & RICKY ALLEN THACKER
SEE SHEET 5
SEE SHEET 3
S.R. 293
C.D. OTTING
SEE SHEET 5
BARTOW MEMORIAL CHAPEL
SEE SHEET 5
OTTING DR.
APPROXIMATE LAND LOT LINE
L.L.199
L.L.234
L.L.200
L.L.233
30
SEE SHEET 1 & 3
ALL STATIONS & OFFSETS ARE OFF S.R.293 SURVEY
SCALE IN FEET
0 20 40 80

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		3	5





PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS ..... BLA		
REQUIRED R/W LINE	END LIMIT OF ACCESS ..... ELA		
CONSTRUCTION LIMITS	LIMIT OF ACCESS		
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	R/W AND LIMIT OF ACCESS		
EASEMENT FOR CONSTR OF SLOPES			
EASEMENT FOR CONSTR OF DRIVES			

DATE	REVISIONS	DATE	REVISIONS

LAND LOT NO. 199,200,233 & 234
LAND DISTRICT 4
GMD 822

GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT STP-1778 (15)
COUNTY BARTOW
DATE 7-15-93 SH 4 OF 5

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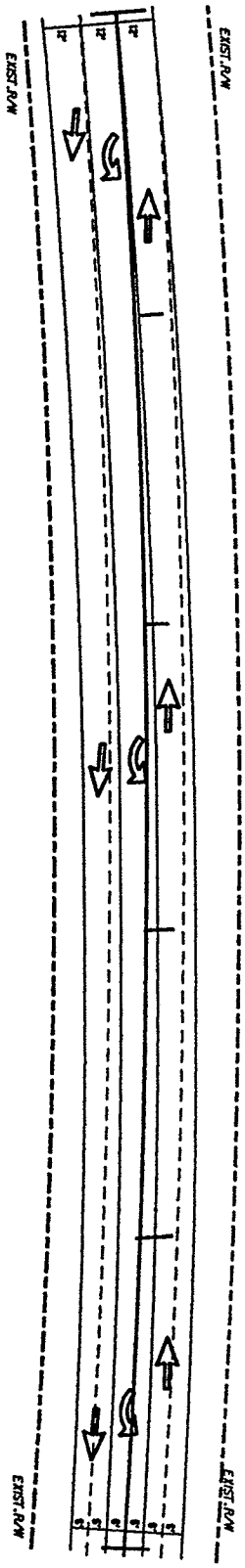

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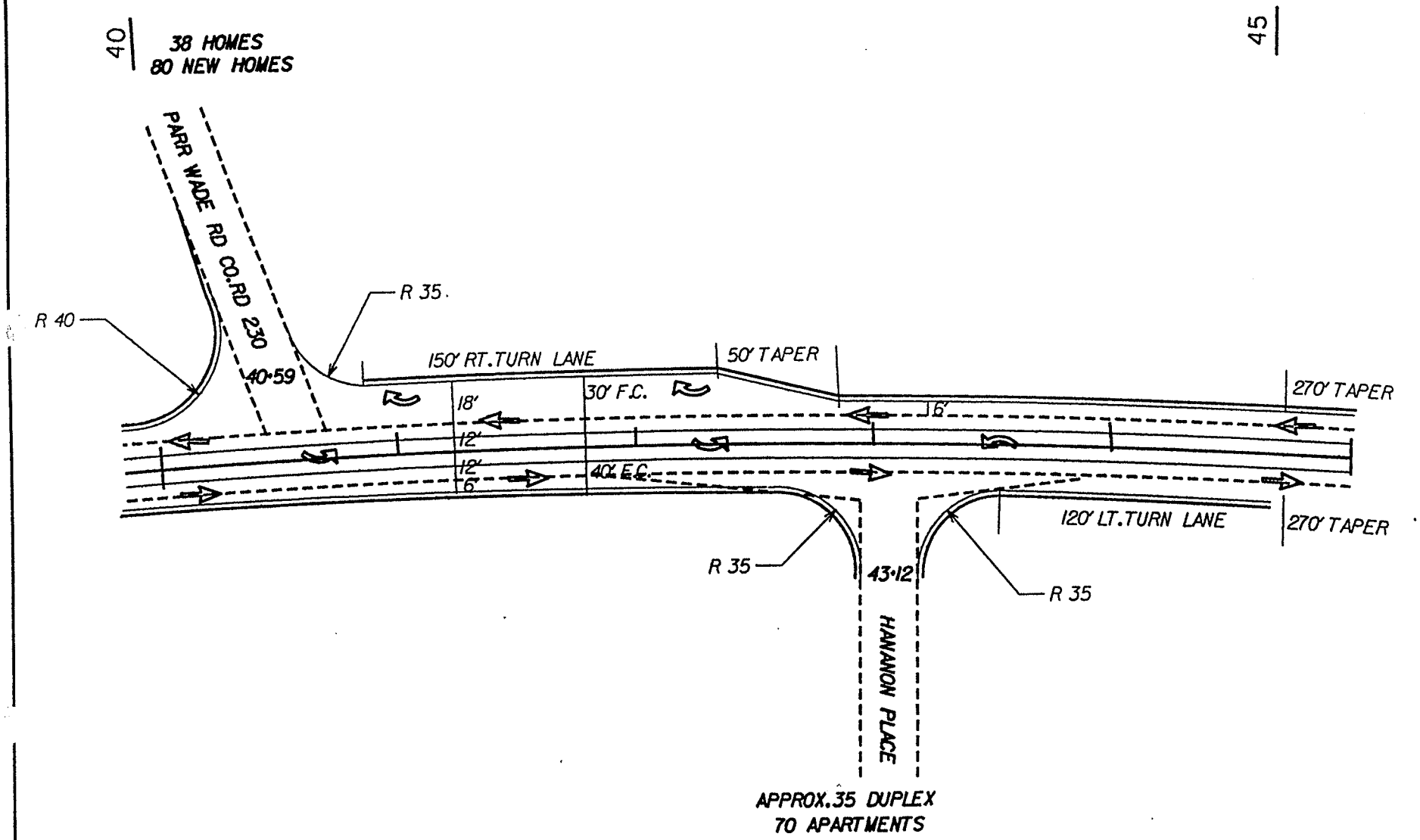
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		6	7



STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

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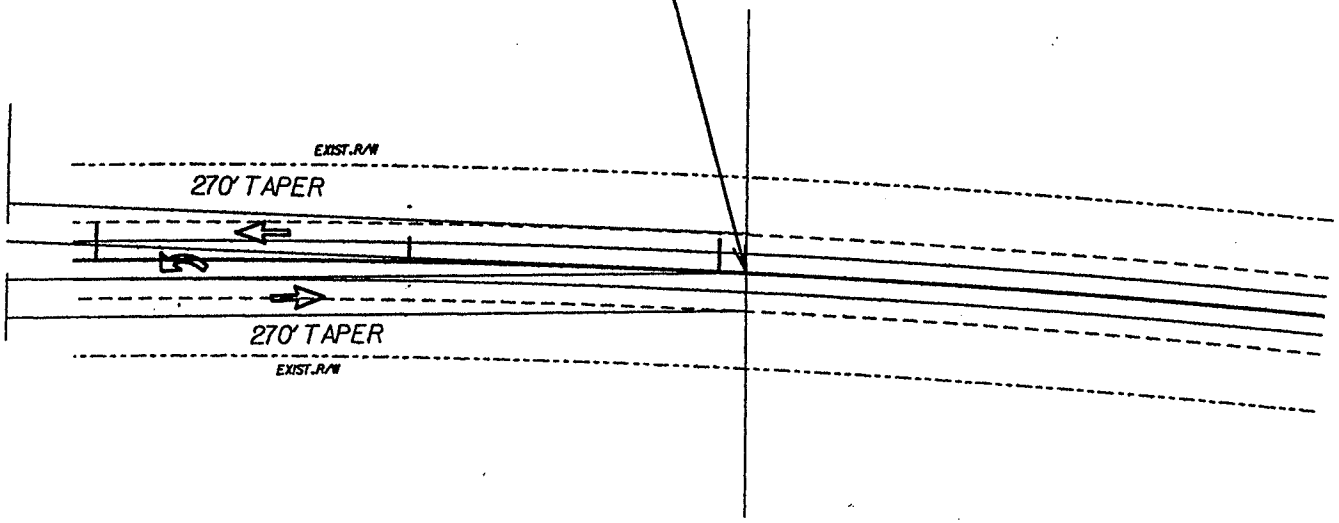
END R/W ACQUISITION
STP-1778 (15)
47+00