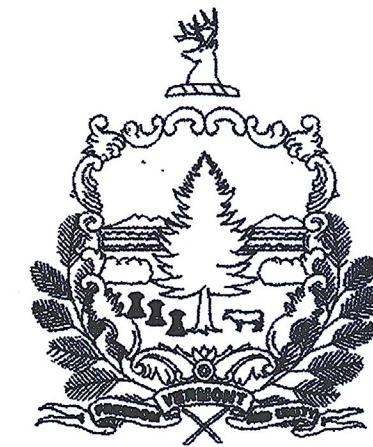


| TRAFFIC DATA   |           |
|--|-----------|
| FROM VT ROUTE 78 (HIGHGATE) TO TH #15 / TH #24 (FRANKLIN)  |           |
| EST. 2004 ADT  | = 360     |
| EST. 2004 DHV  | = 100     |
| EST. 2024 ADT  | = 490     |
| EST. 2024 ADDT   | = 50      |
| EST. 2024 DHV  | = 115     |
| D  | = 61%     |
| T  | = 8%      |
| TOTAL 18-KIP ESAL'S  |           |
| 2004-2024  | = 171,000 |
| 2004-2044  | = 441,000 |
| DESIGN SPEED   |           |
| 1+000,000 - 5+505,740                                      | 60 KM/H   |
| FROM TH #15 / TH #24 (FRANKLIN) TO VT ROUTE 120 (FRANKLIN) |           |
| EST. 2004 ADT  | = 300     |
| EST. 2004 DHV  | = 95      |
| EST. 2024 ADT  | = 400     |
| EST. 2024 ADDT   | = 30      |
| EST. 2024 DHV  | = 105     |
| D  | = 59%     |
| T  | = 7%      |
| TOTAL 18-KIP ESAL'S  |           |
| 2004-2024  | = 80,000  |
| 2004-2044  | = 209,000 |
| DESIGN SPEED   |           |
| 5+505,740 - AH 15+464.139                                  | 60 KM/H   |

INDEX OF SHEETS  
SEE SHEET 2

# STATE OF VERMONT AGENCY OF TRANSPORTATION



## PROPOSED IMPROVEMENT TOWNS OF HIGHGATE & FRANKLIN COUNTY OF FRANKLIN

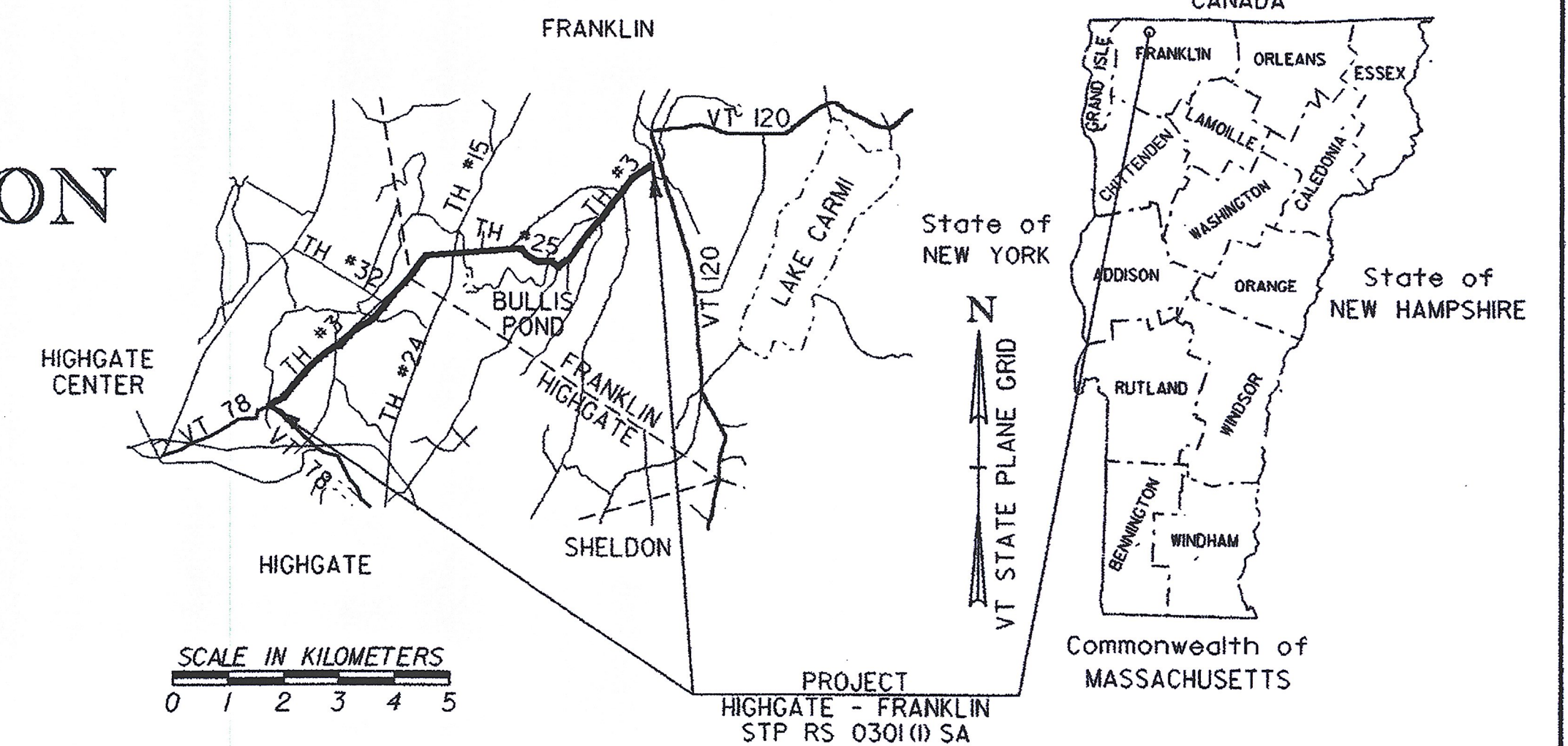
### TOWN HIGHWAY NO. 3, CLASS 2 (MAJOR COLLECTOR)

PROJECT LOCATION:  
BEGINNING AT THE INTERSECTION OF VERMONT ROUTE 78 AND EXTENDING NORTHEASTERLY TO END 0.434KM FROM THE INTERSECTION WITH VERMONT ROUTE 120

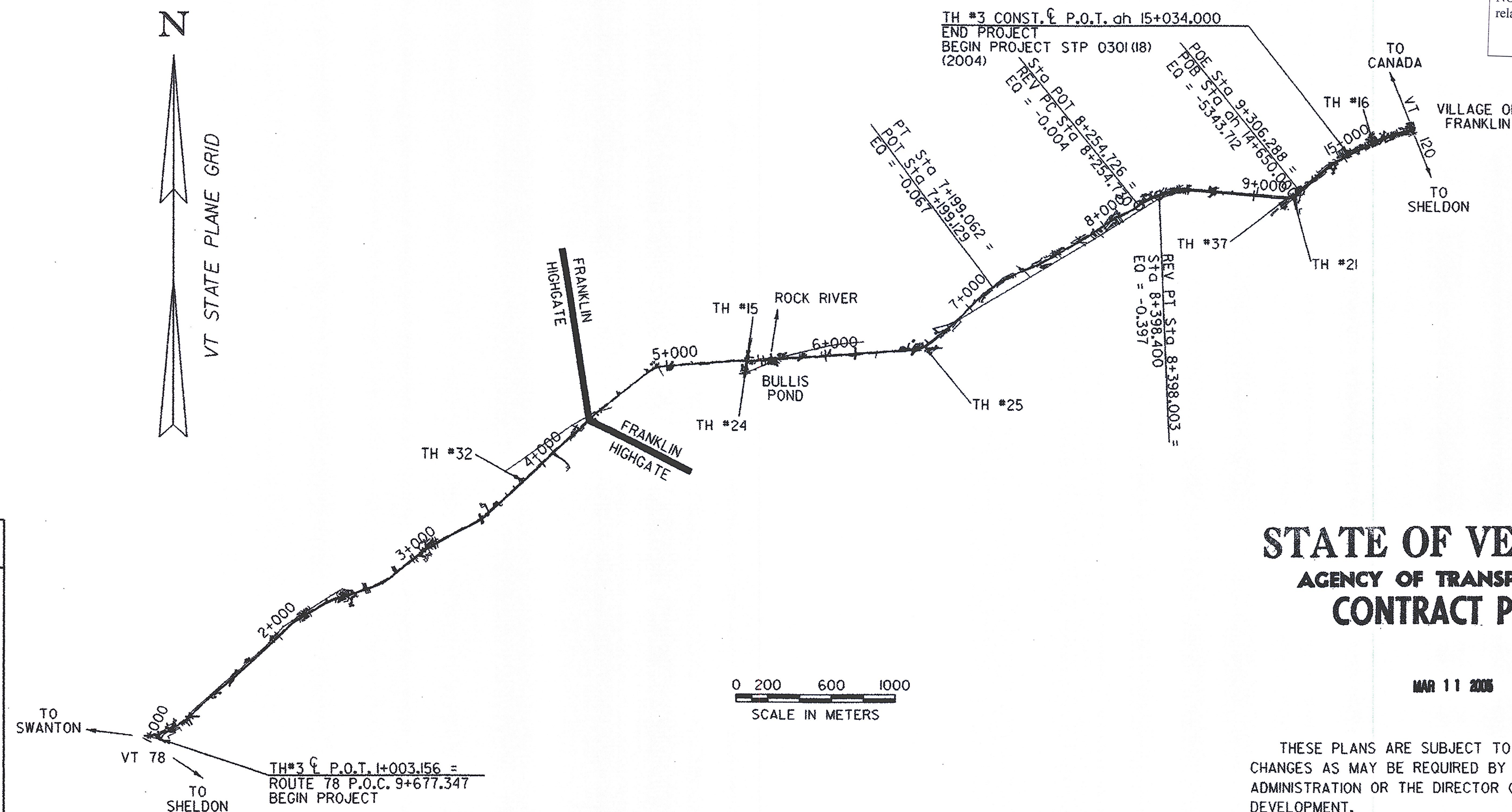
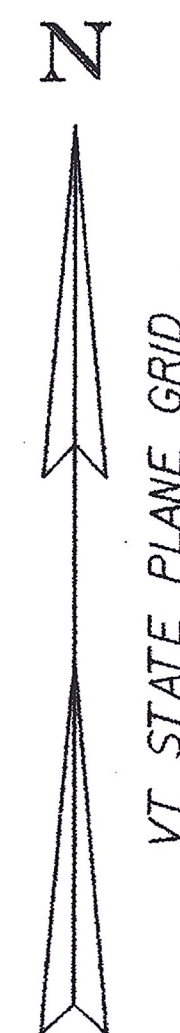
LENGTH OF ROADWAY = 8 687.132 m = 8.687KM  
LENGTH OF PROJECT = 8 687.132 m = 8.687KM

PROJECT DESCRIPTION:  
IMPROVEMENTS INCLUDE THE RECONSTRUCTION OF THE PAVEMENT, SUBBASE AND DRAINAGE OF TOWN HIGHWAY 3

| BITUMINOUS CONCRETE PAVEMENT<br>SUPERPAVE MIXTURE DESIGN CRITERIA |          |
|---|----------|
| DESIGN LIFE ESALS (NORTH & SOUTHBOUND)                            | 104,300  |
| DESIGN NUMBER OF GYRATIONS  | 50       |
| PERFORMANCE GRADED ASPHALT BINDER                                 | PG 58-34 |



| RECORD PLANS   |   |
|--|---|
| CONTRACTOR:  | J. A. MCDONALD INC. - LYNDON CENTER, VT |
| RESIDENT ENGINEER:   | RAY HAYES                               |
| CONSTRUCTION BEGAN:  | JULY 25, 2005                           |
| CONSTRUCTION COMPLETE:   | JULY 16, 2007                           |
| RECORD PLANS BY:   | RAY HAYES & SANDRA SCHMITT              |
| I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.   |   |
| BY <i>Sandra C. Schmitt</i>  | RESIDENT ENGINEER                       |
| DATE   | 02-12-14                                |
| NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives. |   |



## STATE OF VERMONT AGENCY OF TRANSPORTATION CONTRACT PLANS

MAR 11 2005

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

...85c060/design/dc060nul.dgn



UNLESS NOTED OTHERWISE  
STATIONS ARE IN KILOMETERS  
ELEVATIONS ARE IN METERS  
DIMENSIONS ARE IN MILLIMETERS

| CONVENTIONAL SYMBOLS |  |
|----------------------|--|
| COUNTY LINE          |  |
| TOWN LINE            |  |
| LIMITS OF ACCESS     |  |
| POINT OF ACCESS      |  |
| FENCE LINE           |  |
| STONE WALL           |  |
| TRAVELED WAY         |  |
| GUARD RAIL           |  |
| RAILROAD             |  |
| SURVEY LINE          |  |
| CULVERT              |  |
| POWER POLE           |  |
| TELEPHONE POLE       |  |
| TREES                |  |
| CONTROL OF ACCESS    |  |
| PROPERTY LINE        |  |
| R.O.W. TAKING LINE   |  |
| SLOPE RIGHTS         |  |
| TOP OF CUT           |  |
| TOE OF SLOPE         |  |

TO SWANTON  
TO SHELDON

TH #3 P.O.T. I+003.156 =  
ROUTE 78 P.O.C. 9+677.347  
BEGIN PROJECT

SURVEYED BY : LITTLE RIVER SURVEY AND VTRANS  
SURVEYED DATE : 1986

DATUM  
VERTICAL NGVD 1929  
HORIZONTAL N/A

|   |              |
|---|--------------|
| DEPARTMENT OF TRANSPORTATION<br>FEDERAL HIGHWAY ADMINISTRATOR |              |
| APPROVED _____  | DATE _____   |
| DIRECTOR OF PROGRAM DEVELOPMENT                               |              |
| APPROVED <i>Scott Rogers</i>                                  | DATE 3-14-05 |
| PROJECT MANAGER : SCOTT ROGERS                                |              |
| PROJECT NAME : HIGHGATE - FRANKLIN                            |              |
| PROJECT NUMBER : STP RS 0301(1) SA                            |              |
| SHEET 1 OF 450 SHEETS   |              |