

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 PROJECT TYPICAL SHEET
- 3 PAVING DETAILS AND PAVEMENT JOINT DETAIL SHEET
- 4-5 QUANTITY SHEETS
- 6-7 ITEM DETAIL SUMMARY SHEETS
- 8 DITCH CLEANING DETAIL SHEET
- 9-31 LAYOUT SHEETS
- 32-35 TRAFFIC SIGN SUMMARY SHEETS
- 36-44 BRIDGE DETAIL SHEETS
- 45-46 BRIDGE APPROACH SECTION DETAIL SHEETS
- 46A BRIDGE 145 BOX BEAM RAIL DETAIL SHEET
- 46B BRIDGE 148 BOX BEAM RAIL DETAIL SHEET
- 46C BRIDGE 153 BOX BEAM RAIL DETAIL SHEET
- 47 BRIDGE 148 CURB DETAIL SHEET
- 48 GUARDRAIL, TRAFFIC SIGN & CROSSWALK MARKINGS DETAIL SHEET
- 49 CONSTRUCTION APPROACH SIGNING SHEET

VAOT STANDARDS

C-1M	TREATED TIMBER CURB	01-03-00
D-3M	TREATED GUTTERS	06-13-97
D-8M	REINF. CONCRETE DROP INLET W/GRATE (BOTTOM)	01-03-00
D-10M	REINF. CONC. DROP INLET TOP W/BITUMINOUS CURB	06-13-97
D-15M	CAST IRON GRATE W/FRAME, TYPE D AND E	06-13-97
D-16M	PRECAST CURB DROP INLET	06-13-97
E-100	CONSTRUCTION APPROACH SIGNS	01-02-04
E-100A	CONSTRUCTION APPROACH SIGNS	01-02-04
E-101	CONSTRUCTION SIGN DETAILS	05-30-03
E-102	CONSTRUCTION SIGN DETAILS	06-30-03
E-102A	CONSTRUCTION SIGN DETAILS	05-01-04
E-103	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY ONE LANE CLOSED	03-01-04
E-106	TRAFFIC CONTROL MISCELLANEOUS DETAILS	03-01-04
E-107	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	06-30-03
E-107A	BREAKAWAY BARRICADE DETAILS	08-08-95
E-108	CONSTRUCTION ZONE LONGITUDINAL DROP OFFS	08-18-95
E-110	MAJOR MAINTENANCE OPERATION LANE CLOSURE	08-08-95
E-111	MAINTENANCE OPERATION APPROACH SIGNS	03-11-97
E-121	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD	08-08-95
E-138	REFERENCE PLAQUE DETAILS STATE AND TOWN HIGHWAYS	05-30-03
E-141	REGULATORY SIGN DETAILS	09-20-95
E-143	REGULATORY SIGN DETAILS	06-15-04
E-146	REGULATORY SIGN DETAILS	09-20-95
E-150	WARNING SIGN DETAILS	05-01-04
E-153	WARNING SIGN DETAILS	05-01-04
E-160	FLANGED CHANNEL STEEL SIGN POST	05-20-99
E-164	SQUARE STEEL SIGN POST	05-20-99
E-191	PAVEMENT MARKING DETAILS	02-01-99
E-193	PAVEMENT MARKING DETAILS	08-18-95
G-1M	STEEL BEAM GUARDRAIL WITH STEEL POSTS	01-03-00
G-1BM	BOX BEAM GUARDRAIL	06-13-97
G-IDM	ANCHOR FOR STEEL BEAM GUARDRAIL	01-03-00
G-4M	YIELDING MARKER POSTS	06-13-97
G-19M	GENERIC GRADING PLAN FOR GUARDRAIL TERMINALS	11-15-02
SB-R6-82M	BRIDGE RAILING HEAVY DUTY STEEL BEAM	07-10-97

CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	- - - - -
LIMITS OF ACCESS	○-○-○-○
POINT OF ACCESS	X
FENCE LINE	-x-x-x-
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	○-SR-△
TOP OF CUT	△-△-△
TOE OF SLOPE	○-○-○

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN VT

RESIDENT ENGINEER: T. COURSE

CONSTRUCTION BEGAN: AUGUST 15, 2005

CONSTRUCTION COMPLETE: NOVEMBER 14, 2005

RECORD PLANS BY: T. COURSE & E. FOSTER

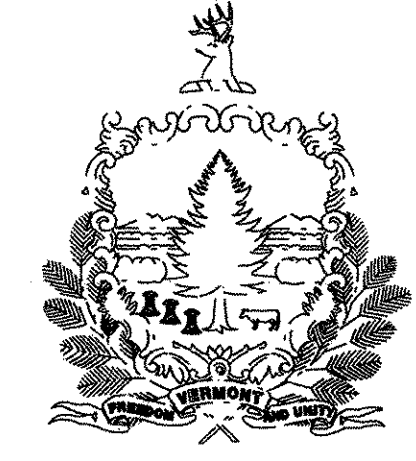
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY NTG & Dave Aspinale, Inc. RESIDENT ENGINEER  
 TONY COURSE  
 DATE 9/12/06

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

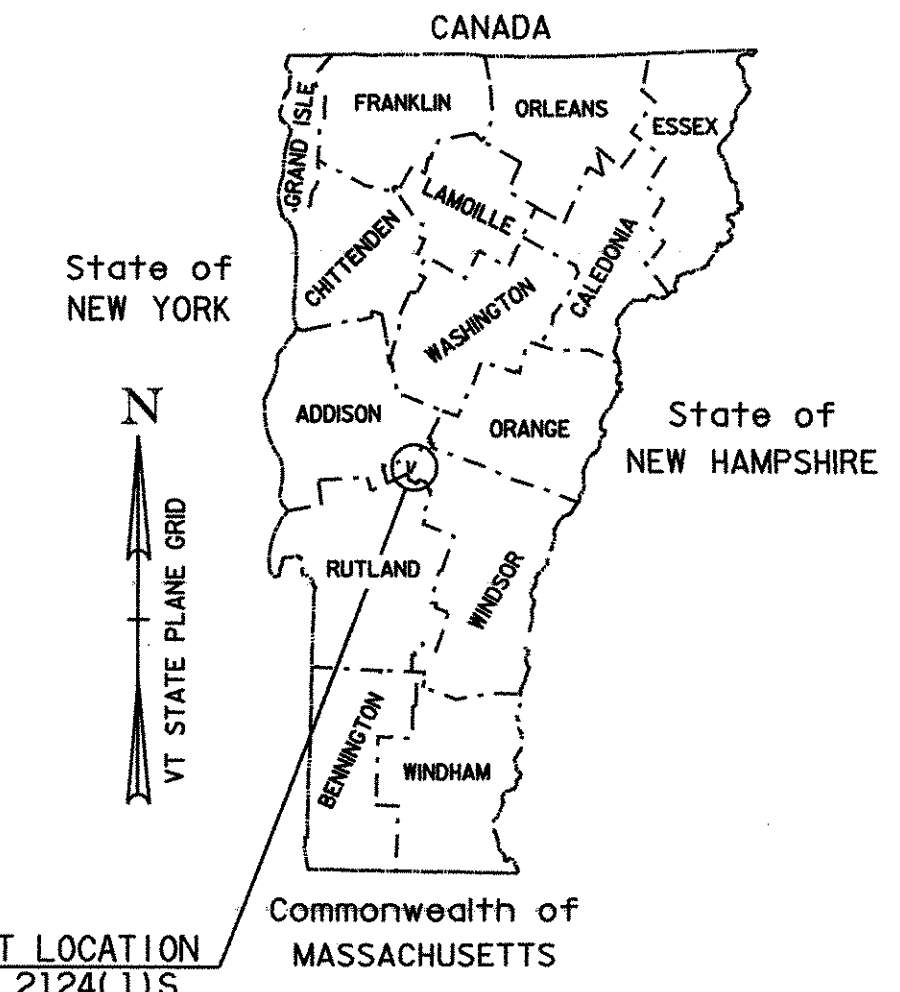
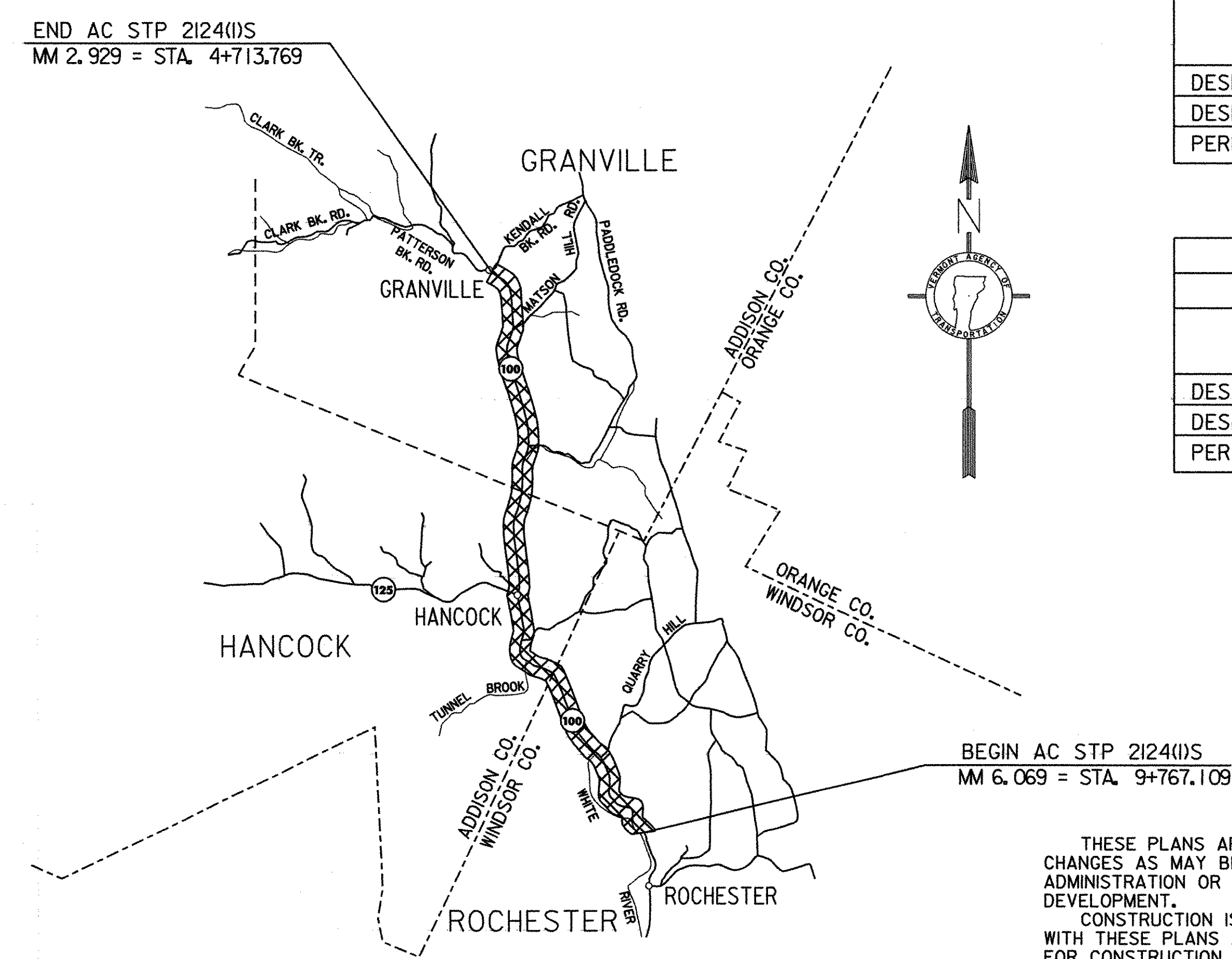


PROPOSED IMPROVEMENT  
 TOWNS OF ROCHESTER, HANCOCK  
 AND GRANVILLE  
 COUNTIES OF WINDSOR AND ADDISON  
 VT. ROUTE 100

BEGINNING IN THE TOWN OF ROCHESTER AT MILE MARKER 6.069 = STA. 9+767.109 AND EXTENDING NORTHERLY ALONG VT. ROUTE 100 FOR A DISTANCE OF 12 470.807 m (7.749 MILES) THROUGH THE TOWN OF HANCOCK TO A POINT IN GRANVILLE AT MILE MARKER 2.929 = STA. 4+713.769.

LENGTH OF ROADWAY 12 470.807 m (7.749 MILES)  
 LENGTH OF PROJECT 12 470.807 m (7.749 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RESURFACING WITH A SHIM / LEVELING COURSE AND WEARING COURSE, COLD PLANING, NEW PAVEMENT MARKINGS, DRAINAGE IMPROVEMENTS, GUARDRAIL IMPROVEMENTS AND INCIDENTAL ITEMS.



TRAFFIC DATA

VT. ROUTE 100 (BEGIN PROJECT TO VT. ROUTE 125)

2005 ADT = 3800  
 2005 DHV = 450  
 2015 ADT = 4400  
 2015 DHV = 510  
 2005 ~ 2015 CUM. ESALS = 767,000

VT. ROUTE 100 (VT. ROUTE 125 TO END PROJECT)

2005 ADT = 1700  
 2005 DHV = 240  
 2015 ADT = 2000  
 2015 DHV = 270  
 2005 ~ 2015 CUM. ESALS = 375,000

CATEGORY II WORK PLAN EXPERIMENTAL SECTIONS	
ROCHESTER MM STA. 6.069 TO HANCOCK MM STA. 0.000	
HANCOCK MM STA. 2.000 TO GRANVILLE MM STA. 2.929	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL(20 YEAR)	1,007,500
DESIGN NUMBER OF GYRATIONS	50
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34

CATEGORY II WORK PLAN STANDARD/CONTROL SECTION	
HANCOCK MM STA. 0.000 TO HANCOCK MM STA. 2.000	
BITUMINOUS CONCRETE PAVEMENT SUPERPAVE MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESAL(20 YEAR)	1,007,500
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG 58-34

UNLESS OTHERWISE NOTED, ALL DRAWINGS AND DETAILS OF THE PROJECT PLANS ARE NOT TO SCALE

RIGHT OF WAY LIMITS, IF APPLICABLE, ARE PROVIDED SOLELY FOR THE CONVENIENCE OF THE STATE AND ITS CONTRACTOR DURING THE COURSE OF THIS PAVING PROJECT. ANY REFERENCES TO OFFSETS ON THESE PLANS ARE APPROXIMATE AND SHOULD NOT BE RELIED UPON FOR ANY OTHER PURPOSES

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.

APPROVED Rob Johnson DATE 5/16/06  
 DIRECTOR OF PROGRAM DEVELOPMENT

DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 DIVISION ADMINISTRATOR

PROJECT MANAGER: MARK WOOLAYER

PROJECT ROCHESTER - GRANVILLE  
 AC STP 2124(I)S  
 SHEET 1 OF 49 SHEETS