

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



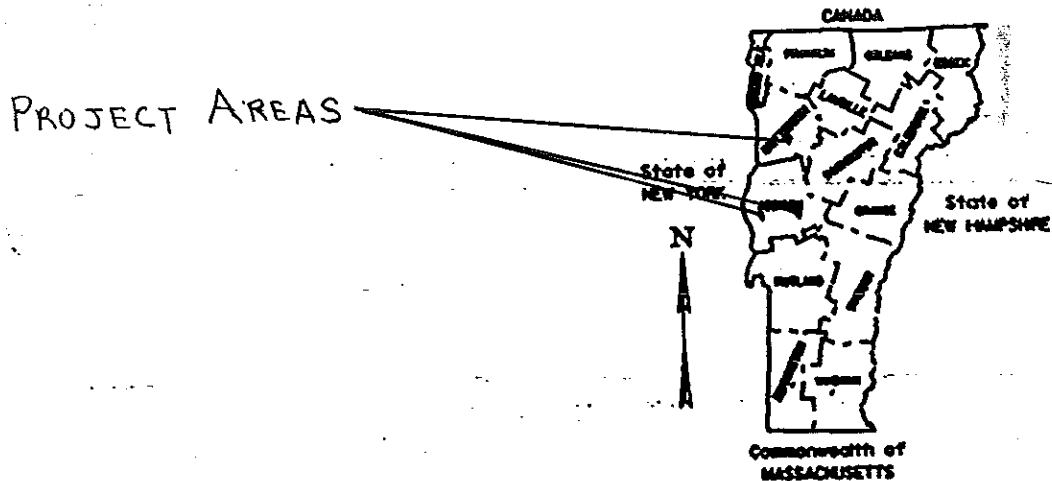
PROPOSED IMPROVEMENT  
RESURFACING PROJECTS

TOWNS OF ADDISON, NEW HAVEN, BRISTOL, ST. GEORGE & WILLISTON

COUNTY OF ADDISON & CHITTENDEN

ROUTE NO. VT 2A & VT 17

ROUTE CLASS. F.A.P., F.A.S./F.A.U.



FOR DESCRIPTIONS  
AND LOCATIONS, SEE  
INDIVIDUAL PROJECT  
SHEETS.

Date JUN 28 1988

Contractor *Frank W. White Corp. Const. Corp.*

Signature *[Signature]*

Title *President*

Transportation Secretary's Signature *[Signature]*

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING  
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY  
ADMINISTRATION OR THE CHIEF ENGINEER.  
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE  
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS  
FOR CONSTRUCTION DATED 1984, AS APPROVED BY THE  
FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 8, 1985  
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT  
REVISIONS AND SUCH REVISED SPECIFICATIONS AND  
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE  
PLANS.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD  
APPROVED *David G. Kelly* DATE *5/16/88*  
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED *[Signature]* DATE *[Blank]*  
DIVISION ADMINISTRATION

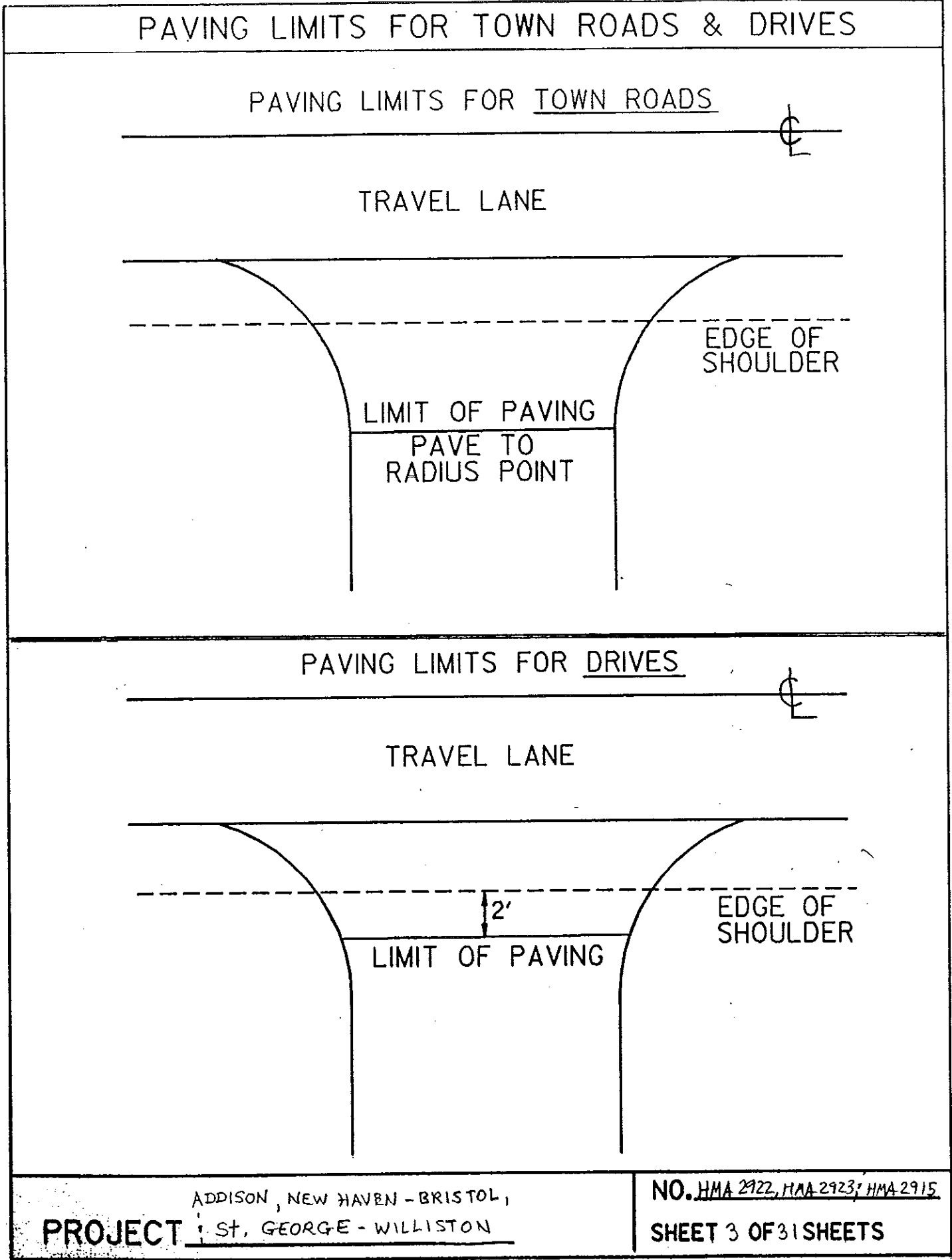
PROJECT HMA 2922, HMA 2923,  
HMA 2915  
SHEET 1 of 31 SHEETS

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PROJECTS ADDISON, NEW HAVEN - BRISTOL  
& ST. GEORGE - WILLISTON

NO. HMA2922, HMA2923, HMA2915  
SHEET 2 OF 31 SHEETS



PAVEMENT MARKINGS

NON-INTERSTATE

PAVEMENT MARKINGS SHALL BE AS SHOWN ON PROJECT PLANS OR AS INDICATED IN THE AGENCY'S "PAVEMENT MARKING PLACEMENT GUIDELINE".

GUIDELINES FOR MINIMUM INTERIM  
PAVEMENT MARKINGS FOR CONSTRUCTION ZONES

A. DEFINITION - INTERIM MARKINGS ARE MARKINGS THAT ARE PLACED PRIOR TO THE APPLICATION OF PAVEMENT MARKINGS AS SPECIFIED IN THE PROJECT PLANS. THE COST ASSOCIATED WITH THE INTERIM MARKINGS INCLUDING MATERIAL COST, PLACEMENT COSTS, AND REMOVAL COSTS SHALL BE SUBSIDIARY TO THE SPECIFIED PAVEMENT MARKINGS.

B. INTERIM MARKINGS SHALL CONSIST OF TAPE OR TEMPORARY RAISED PAVEMENT MARKERS (RPM'S)

THE TAPE SHALL BE THE TYPE THAT CAN BE PAVED OVER OR OF A TYPE EASILY REMOVED IF PLACED ON THE FINAL PAVEMENT SURFACE. INTERIM TAPE MARKINGS OR RPM'S WILL BE OFFSET AND REMOVED PRIOR TO THE APPLICATION OF THE SPECIFIC MARKINGS AND SHALL BE APPLIED AS DESCRIBED BELOW:

C. CENTERLINE AND GORE AREA MARKINGS SHALL BE APPLIED AT THE END OF EACH WORKING DAY. THE FOLLOWING LAYOUT REQUIREMENTS SHALL BE MET:

NO PASSING ZONE  
-SOLID STRIPES- DOUBLE YELLOW REMOVABLE PAVEMENT MARKING TAPE LINES SPACED 4' APART.

OR  
-RAISED PAVEMENT MARKERS- IN NO CASE SHALL TEMPORARY RAISED PAVEMENT MARKERS BE USED FOR MORE THAN THREE CALENDAR DAYS BEFORE THE APPLICATION OF THE SPECIFIED MARKINGS.

RAISED PAVEMENT MARKERS (REMOVABLE) WHEN USED, SHALL BE PLACED ON 5' CENTERS WITH EVERY 4TH MARKER BEING REFLECTORIZED. THE RAISED PAVEMENT MARKINGS SHALL BE SUPPLEMENTED WITH BLACK ON ORANGE "NO PASSING" SIGNS PLACED AT THE BEGINNING OF THE NO PASSING ZONE AND EVERY 1000' THEREAFTER THROUGHOUT THE NO PASSING ZONE. ALL TEMPORARY RAISED PAVEMENT MARKERS SHALL BE REMOVED IMMEDIATELY BEFORE THE APPLICATION OF THE SPECIFIED MARKINGS. ALL "NO PASSING" SIGNS INSTALLED IN CONJUNCTION WITH TEMPORARY RAISED PAVEMENT MARKERS SHALL BE REMOVED IMMEDIATELY UPON PLACEMENT OF SPECIFIED MARKINGS. ALL COSTS ASSOCIATED WITH "NO PASSING" SIGNS AND THEIR INSTALLATION SHALL BE SUBSIDIARY TO THE SPECIFIED PAVEMENT MARKINGS.

DASHED LINE  
-10-FOOT SOLID LINE WITH 30-FOOT GAP.

OR  
FOR MARKINGS TO BE USED FOR THREE DAYS OR LESS  
-4 FOOT SOLID LINE WITH 36 FOOT GAP TO BE REMOVED IMMEDIATELY UPON THE APPLICATION OF THE SPECIFIED MARKINGS.

OR  
-4 RETRO-REFLECTIVE RPM'S ON THREE FOOT CENTERS WITH A 30 FOOT GAP TO BE REMOVED IMMEDIATELY UPON THE APPLICATION OF THE SPECIFIED MARKINGS.

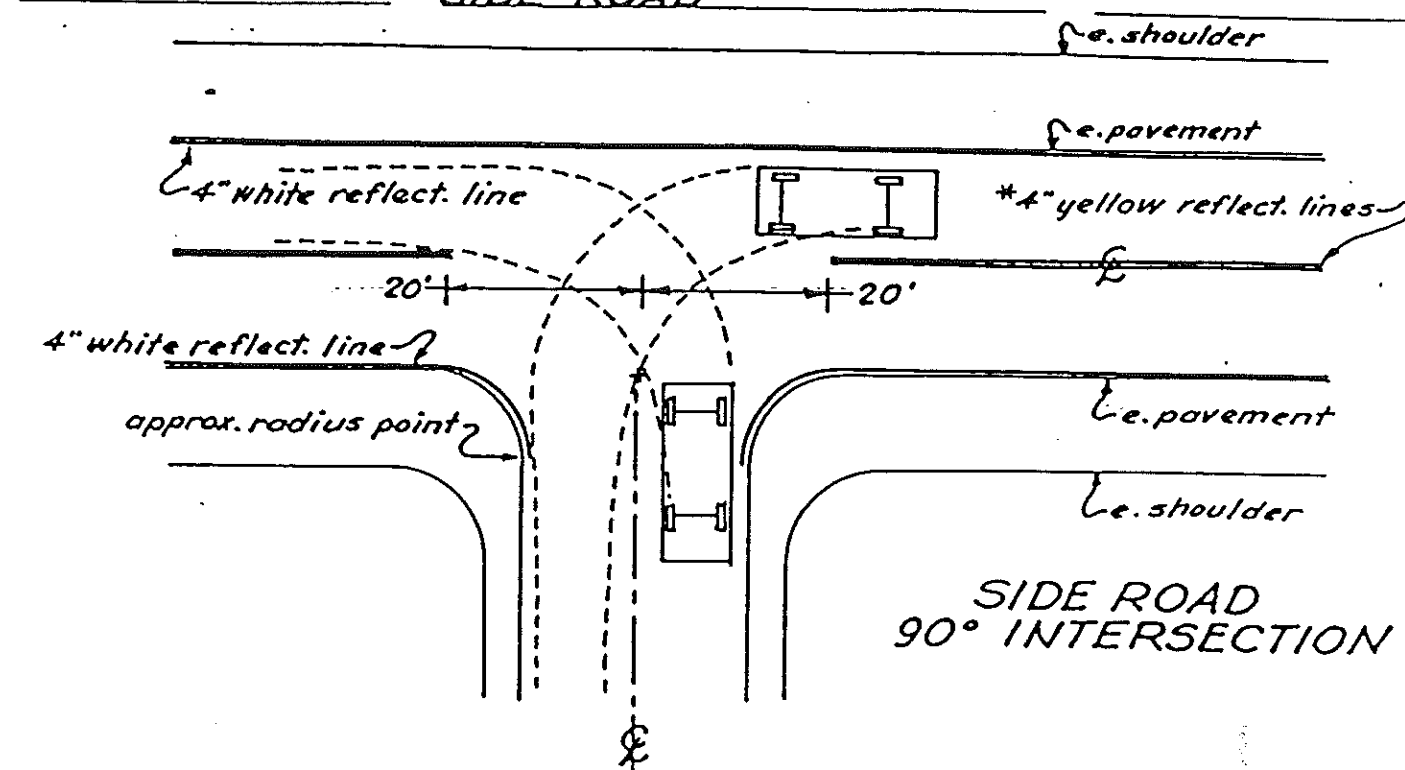
GORE AREAS  
GORE AREAS TO INCLUDE 8 INCH CHANNELIZING LINE WITH 4' DASHED LINES AS PER STANDARD E-171.

D. EDGE LINES

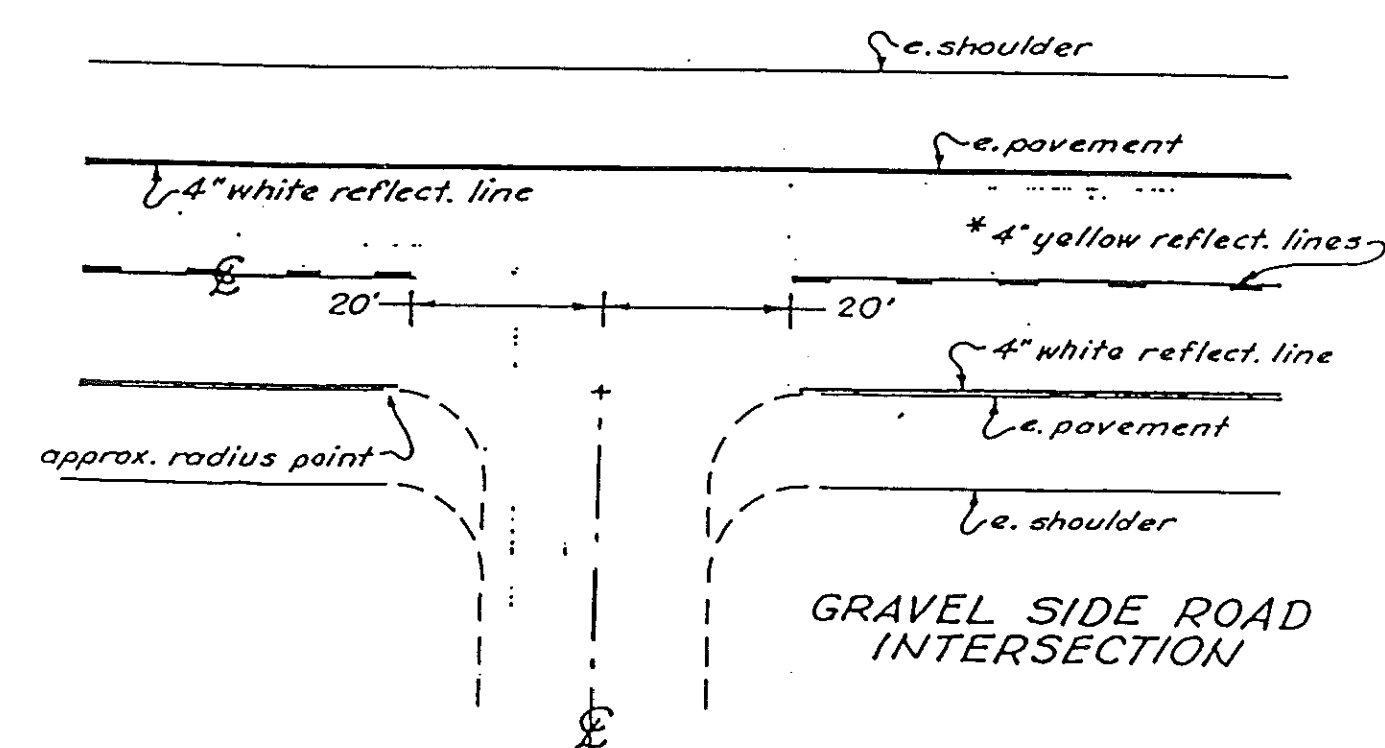
~~WHEN SPECIFIED, EDGE LINES ARE NOT REQUIRED UNTIL COMPLETION OF THE PROJECT. ON INTERSTATE PROJECTS EDGE LINES SHOULD BE APPLIED WHERE TRAFFIC VOLUMES ARE HIGH AND/OR A DELAY OF SEVEN DAYS IS ANTICIPATED. IN THESE INSTANCES, PAINT OR PMS CAN BE USED AS THE INTERIM MARKING MATERIAL TO BE PAID UNDER THE APPROPRIATE BID ITEM. PMS SHOULD BE RETRO-REFLECTIVE. TEMPORARY MARKERS ON A 2' SPACING PATTERN AND THE SAME COLOR AS THE LINE THEY ARE SUBSTITUTE FOR.~~

E. PRIOR TO ACCEPTANCE, THE PAVEMENT MARKINGS SHALL BE COMPLETED FOR THE ENTIRE PROJECT BY THE CONTRACTOR AS DETAILED ON THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.

CHKD. BY: \_\_\_\_\_ DATE: \_\_\_\_\_ **MARKING AT INTERSECTING** JOB NO. \_\_\_\_\_  
**SIDE ROAD**



\* Centerline treatment shall consist of a minimum of 400 feet of solid line in advance of the intersection and shall be paired with either a solid or dashed line depending on sight distance availability in the opposing lane.





STATE OF VERMONT  
AGENCY OF TRANSPORTATION



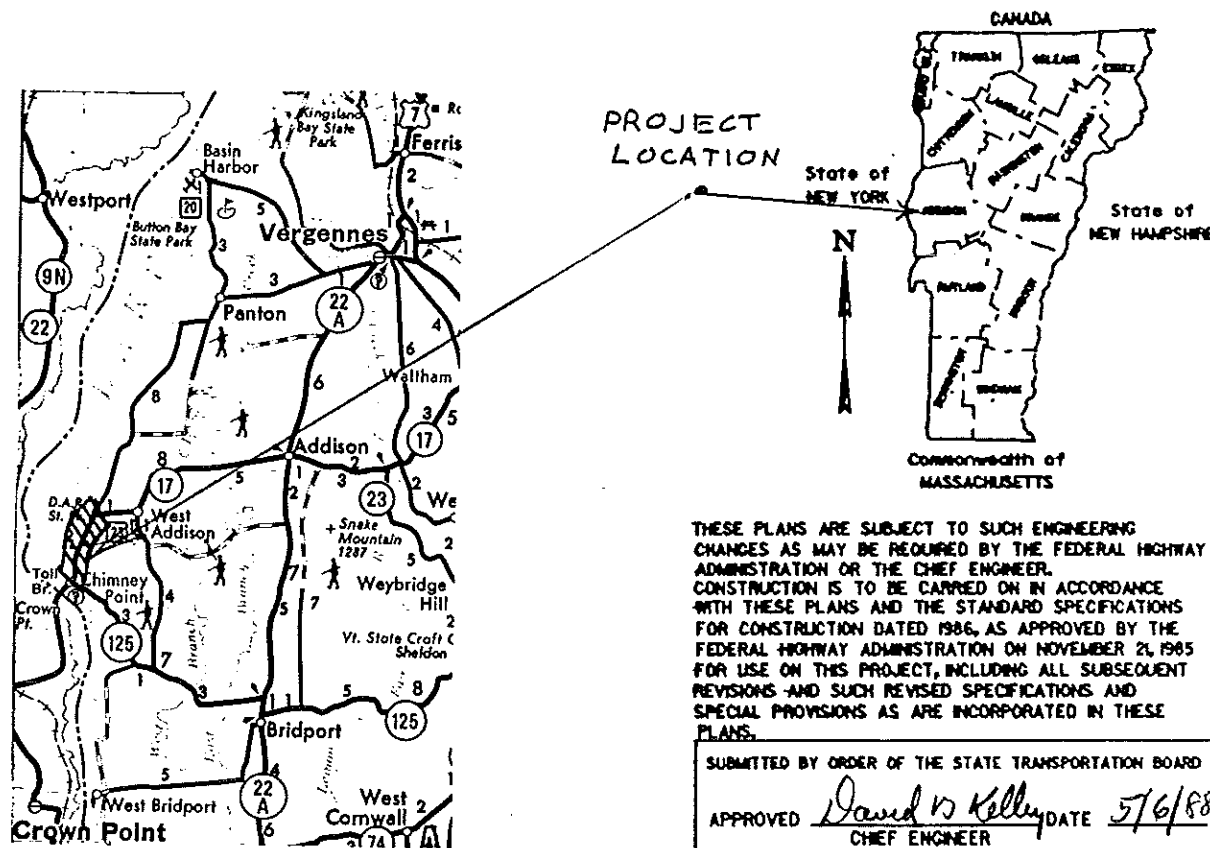
PROPOSED IMPROVEMENT  
RESURFACING PROJECT

TOWN OF ADDISON

COUNTY OF ADDISON

ROUTE NO. VT 17

ROUTE CLASS F.A.P.



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING  
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY  
ADMINISTRATION OR THE CHIEF ENGINEER.  
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE  
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS  
FOR CONSTRUCTION DATED 1984 AS APPROVED BY THE  
FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 21, 1985  
FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT  
REVISIONS AND SUCH REVISED SPECIFICATIONS AND  
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE  
PLANS.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD  
APPROVED David W. Kelly DATE 7/6/88  
CHIEF ENGINEER

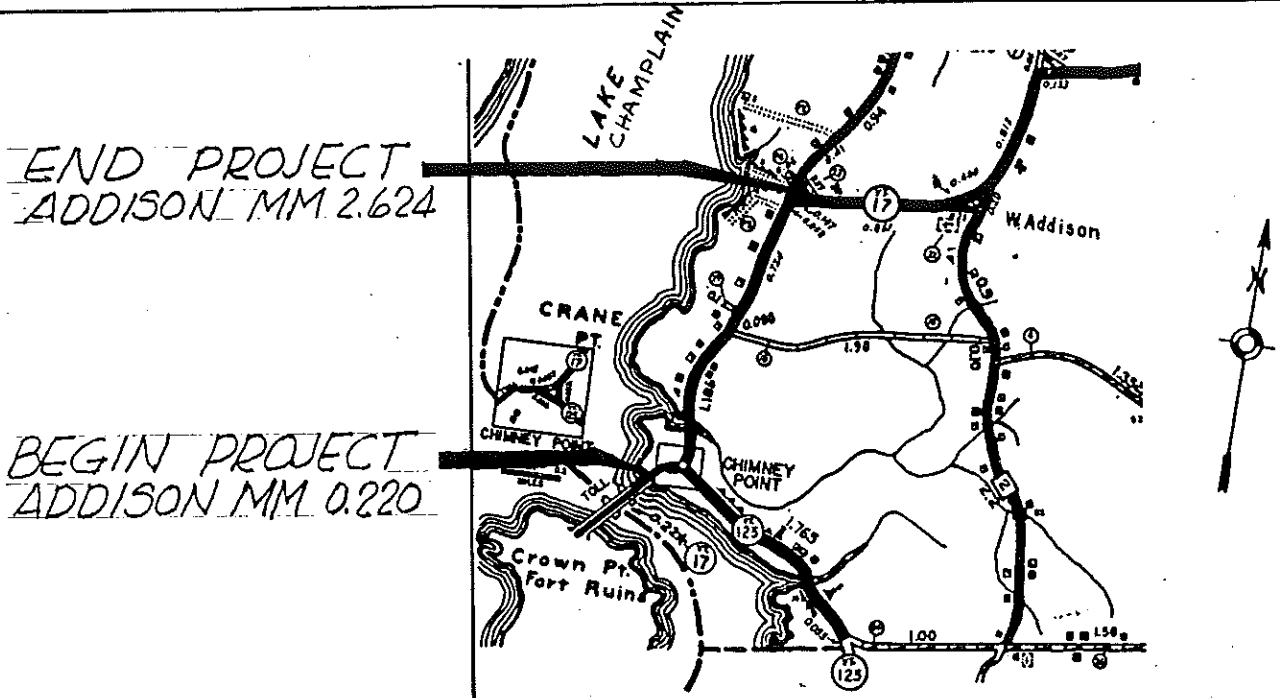
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

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

PROJECT in HMA 2922

SHEET 8 OF 31 SHEETS

PROJECT DESCRIPTION AND LOCATION



PROJECT LOCATION

BEGINNING IN THE TOWN OF ADDISON AT MM 0.220 AND  
EXTENDING EASTERLY ALONG VT. 17 FOR 2.404 MILES TO  
MM 2.624.

PROJECT LENGTH

2.404 MILES (12693 FEET)

PROJECT DESCRIPTION

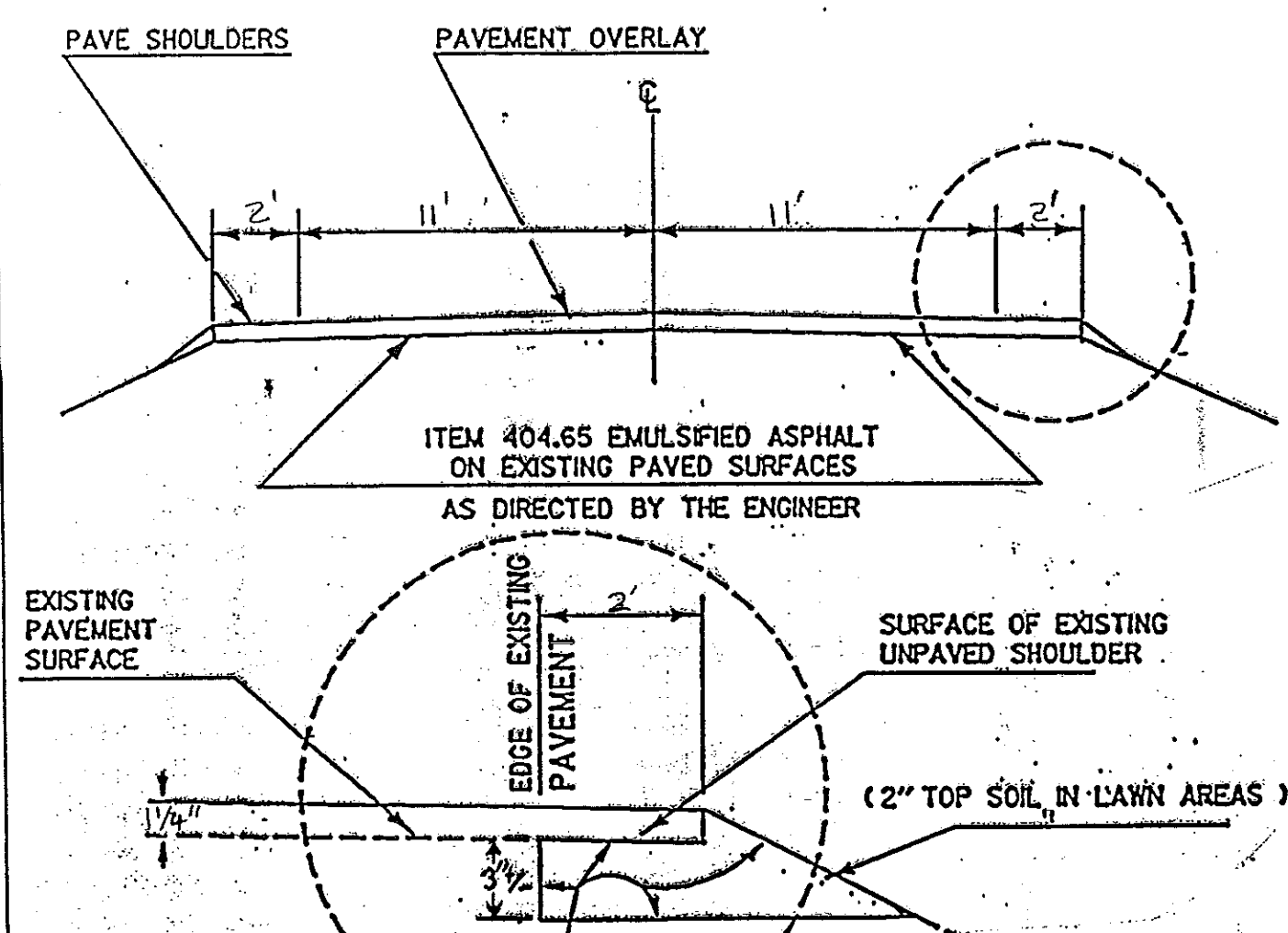
RESURFACE WITH A LEVELING COURSE AND 1 1/4" BITUMINOUS  
OVERLAY, PROVIDE PAVED SHOULDERS AND NEW PAVEMENT  
MARKINGS AS INDICATED ON THE PLANS OR AS DIRECTED  
BY THE ENGINEER.

TRAFFIC DATA

AADT 1560 (1987)  
V 50 MPH

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
 AGGREGATE SHOULDERS ( $\pm 1/2"$ )  
 LEVELING COURSE TYPE IV (350 TONS/MILE)  
 1 1/4" WEARING COURSE TYPE III ( $\pm 1/4"$ )  
 AS DIRECTED BY THE ENGINEER



EXCAVATE ALL UNSUITABLE SHOULDER MATERIAL TO THREE INCHES (PLUS OR MINUS) AS DIRECTED BY THE ENGINEER. USE ALL PURPOSE EXCAVATOR RENTAL ADJACENT TO GUARDRAIL, GRADER RENTAL ELSEWHERE. EXCAVATED MATERIAL MUST BE REMOVED FROM THE PROJECT UNLESS SPREAD ON THE SLOPE TO THE SATISFACTION OF THE ENGINEER. USE ALL PURPOSE EXCAVATOR RENTAL AND TRUCK RENTAL FOR REMOVING, GRADER RENTAL AND/OR ALL PURPOSE EXCAVATOR RENTAL FOR SPREADING. REPLACE WITH AGGREGATE SHOULDER MATERIAL. COMPACT TO THE SATISFACTION OF THE ENGINEER.

NO. HMA 2922

PROJECT ADDISON

SHEET 10 OF 31 SHEETS

TEMPORARY 4" YELLOW LINE

| MILE  | MILE  | LT                            | RT          | ℄      | QUANTITY<br>LT | QUANTITY<br>℄ | QUANTITY<br>RT | TOTALS   |
|-------|-------|-------------------------------|-------------|--------|----------------|---------------|----------------|----------|
| 0.220 | 0.46  | Solid                         | Solid       |        | 1267           |               | 1267           | 2534     |
| 0.46  | 0.56  | Solid                         | Broken      |        | 528            |               | 132            | 660      |
| 0.56  | 1.32  | Solid                         | Solid       |        | 4013           |               | 4013           | 8026     |
| 1.32  | 1.48  | Broken                        | Solid       |        | 238            |               | 950            | 1188     |
| 1.48  | 1.73  | Solid                         | Solid       |        | 1214           |               | 1214           | 2428     |
| 1.73  | 1.87  | Solid                         | Broken      |        | 739            |               | 185            | 924      |
| 1.87  | 1.88  |                               |             | Broken | .              | 40            |                | 40       |
| 1.88  | 2.01  | Broken                        | Solid       |        | 145            |               | 581            | 726      |
| 2.01  | 2.05  |                               |             | Broken |                | 53            |                | 53       |
| 2.05  | 2.14  | Solid                         | Broken      |        | 475            |               | 119            | 594      |
| 2.14  | 2.16  | Solid                         | Solid       |        | 106            |               | 106            | 212      |
| 2.16  | 2.28  | Broken                        | Solid       |        | 158            |               | 634            | 792      |
| 2.28  | 2.55  | Solid                         | Solid       |        | 1426           |               | 1426           | 2852     |
| 2.55  | 2.624 | Solid                         | Broken      |        | 391            |               | 98             | 489      |
|       |       |                               |             |        |                |               |                | 21518    |
|       |       | Assume 100% Loss for Leveling |             |        |                |               | x              | 2        |
|       |       |                               |             |        |                |               |                | 43036    |
|       |       | Deduct for intersections with | sideroads ⇒ |        |                |               |                | - 1280   |
|       |       | (8x40x2)x2                    |             |        |                |               |                | 41756    |
|       |       |                               |             |        |                |               | Red            | 44       |
|       |       |                               |             |        |                |               | USE ⇒          | 41800 LF |
|       |       |                               |             |        |                |               |                |          |
|       |       |                               |             |        |                |               |                |          |
|       |       |                               |             |        |                |               |                |          |

TEMPORARY 4" WHITE LINE

|      |       |                                               |       |  |       |  |       |          |
|------|-------|-----------------------------------------------|-------|--|-------|--|-------|----------|
| 0220 | 2.624 | Solid                                         | Solid |  | 12693 |  | 12693 | 25386    |
|      |       | Deduct for intersection with 2 gravel roads ⇒ |       |  |       |  |       | - 80     |
|      |       |                                               |       |  |       |  |       | 25306 LF |
|      |       |                                               |       |  |       |  | USE   | 25300 LF |
|      |       |                                               |       |  |       |  |       |          |
|      |       |                                               |       |  |       |  |       |          |

PROJECT ADDISON

NO. HMA 2922  
SHEET 11 OF 31 SHEETS

|                                      |                       |
|--------------------------------------|-----------------------|
| ROADWAY MARKINGS                     |                       |
| ITEM 646.60                          |                       |
| 24" TEMPORARY STOP BAR               |                       |
| VT125 @ 1/2" MM 0.266 Rt             | 12'                   |
| VT125 @ 1/2" MM 0.363 Rt             | 12'                   |
| T-18 @ 1/2" MM 1.481 Rt              | 12'                   |
| T-27 @ 1/2" MM 1.575 Lt              | 12'                   |
| STATE PARK D.A.R. @ 1/2" MM 1.616 Lt | 12'                   |
| T-5 @ 1/2" MM 2.302 Lt               | 12'                   |
| T-1 @ 1/2" MM 2.367 Lt               | 12'                   |
| T-23 @ 1/2" MM 2.506 Lt              | 12'                   |
| ITEM 646.44                          |                       |
| DURABLE LETTER IN WORD MARKINGS      |                       |
| VT125 @ 1/2" MM 0.266 Rt 'STOP'      | 4                     |
| VT125 @ 1/2" MM 0.363 Rt 'STOP'      | 4                     |
| PROJECT ADDISON                      | NO. HMA 2922          |
|                                      | SHEET 12 OF 31 SHEETS |

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STATE OF VERMONT  
AGENCY OF TRANSPORTATION



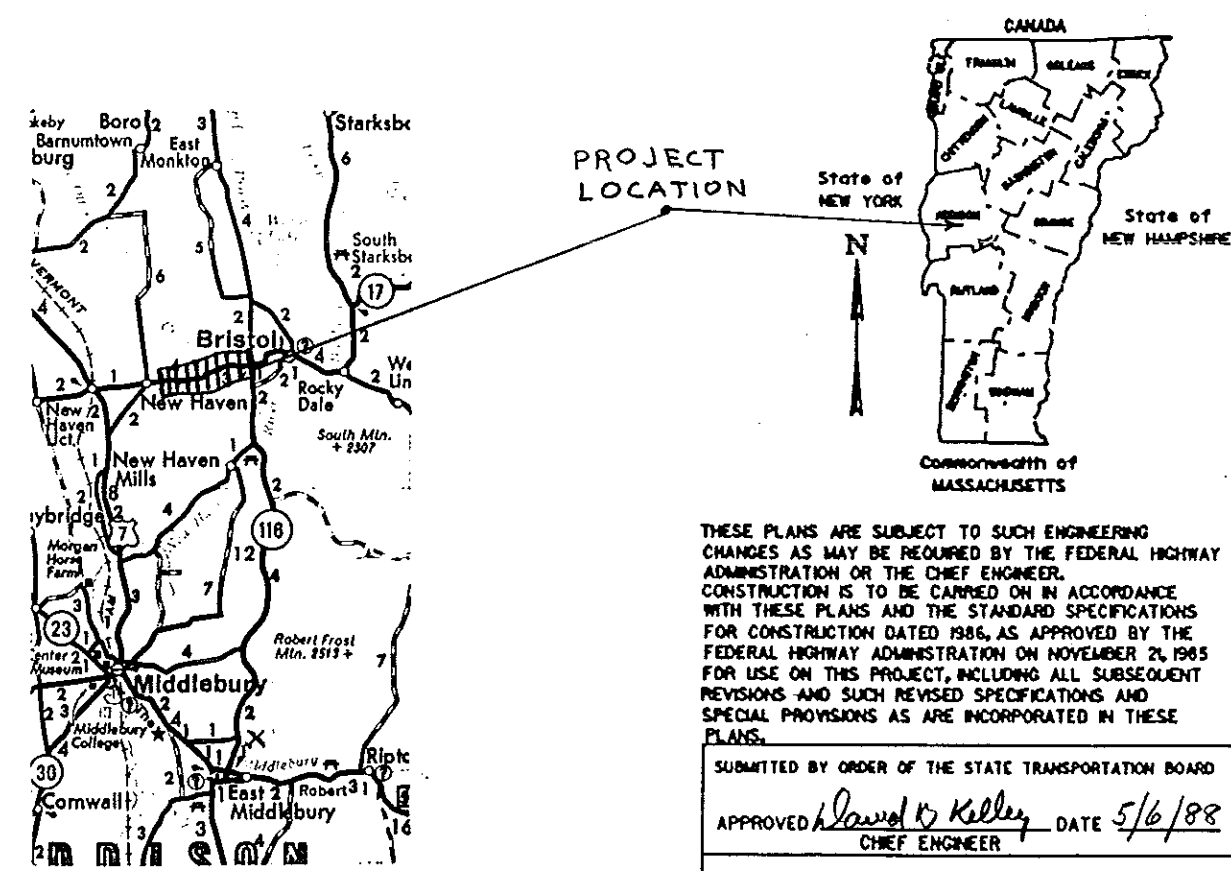
PROPOSED IMPROVEMENT  
RESURFACING PROJECT

TOWN OF NEW HAVEN - BRISTOL

COUNTY OF ADDISON

ROUTE NO. VT- 17

ROUTE CLASS EAP



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1984, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 29, 1985 FOR USE ON THIS PROJECT INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED David V. Kelly DATE 5/6/88  
CHIEF ENGINEER

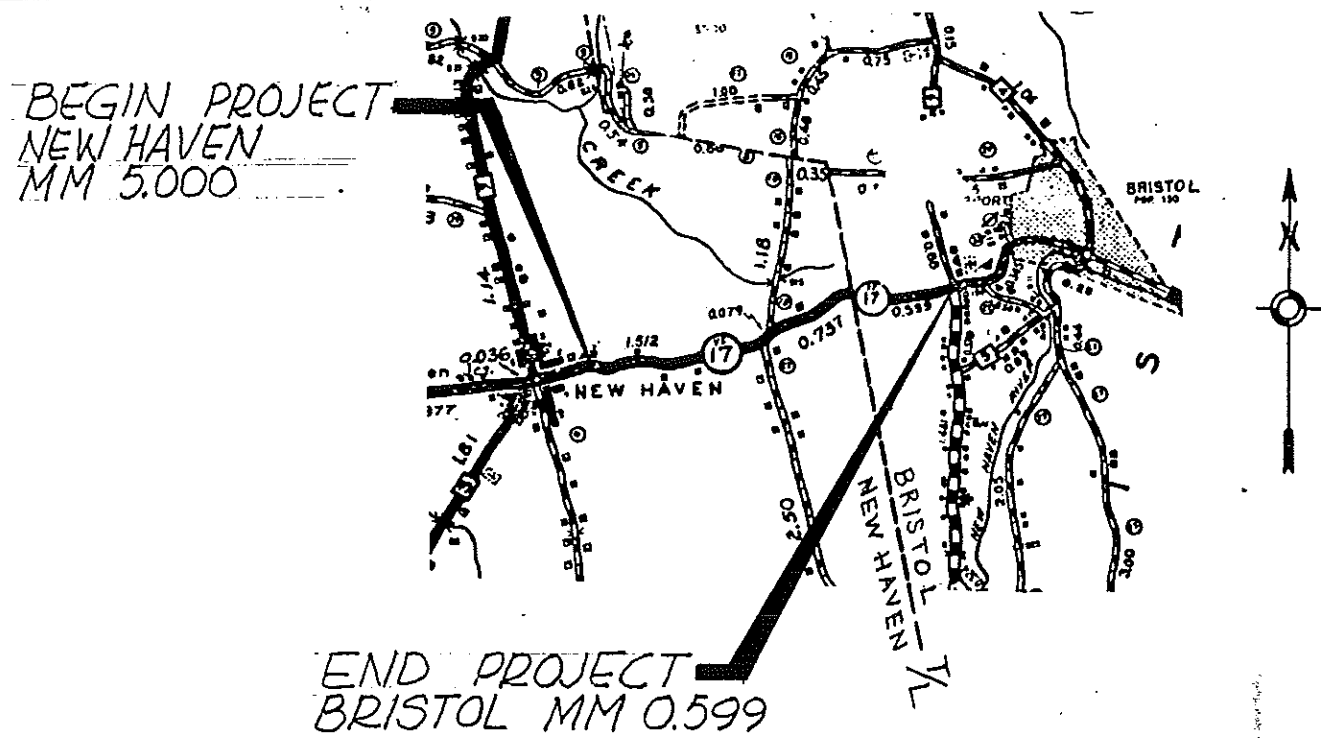
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

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

PROJECT NO. HMA 2923

SHEET 14 OF 31 SHEETS

PROJECT DESCRIPTION AND LOCATION



**PROJECT LOCATION**  
BEGINNING IN THE TOWN OF NEW HAVEN AT MM 5.000 AND  
EXTENDING EASTERLY ALONG VT. 17 FOR 2.795 MILES TO  
MM 0.599 IN THE TOWN OF BRISTOL AT THE JUNCTION  
WITH VT. 116.

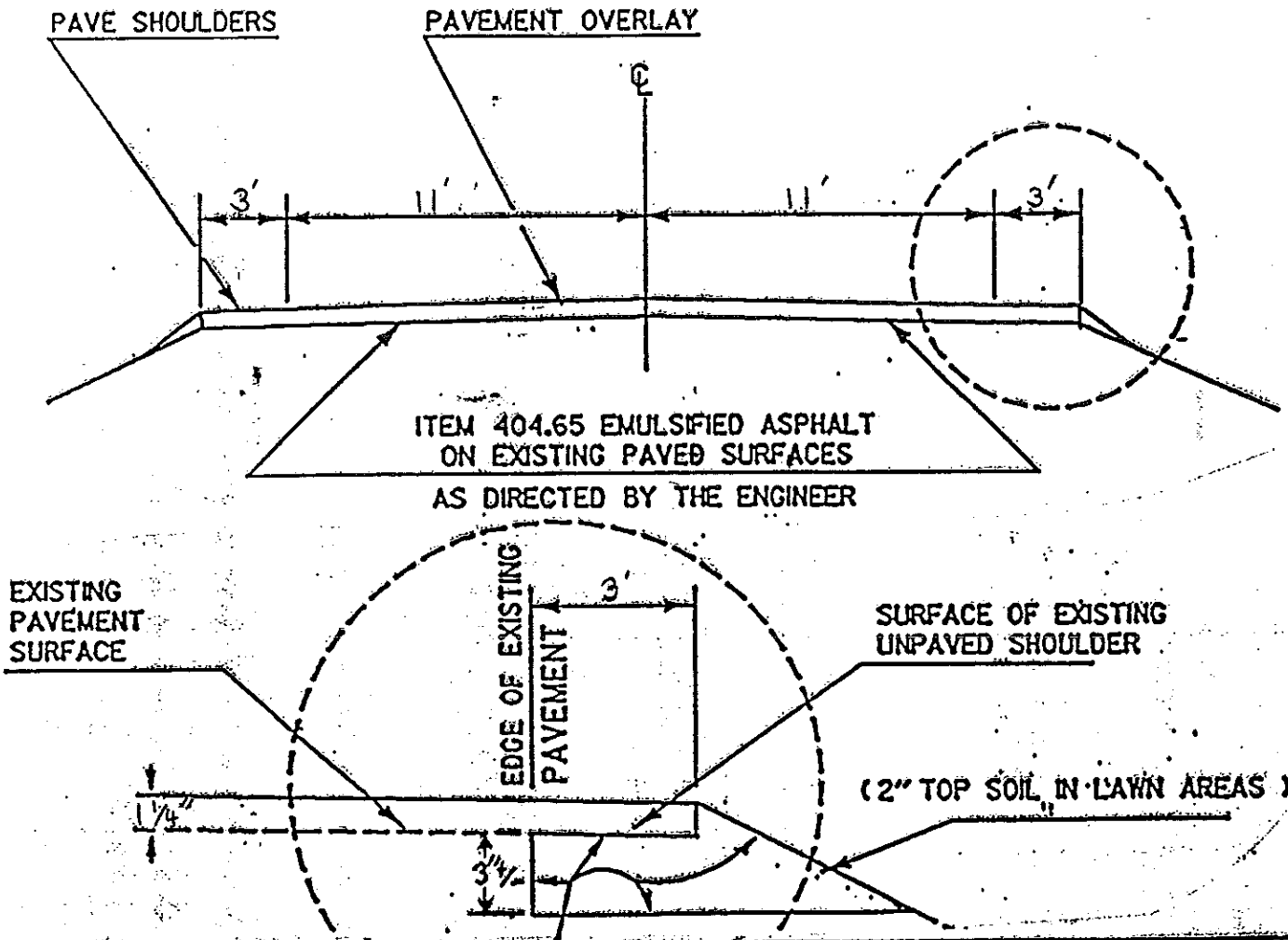
**PROJECT LENGTH**  
2.795 MILES (14758 FEET)

**PROJECT DESCRIPTION**  
RESURFACE WITH A LEVELING COURSE AND 1 1/4" BITUMINOUS  
OVERLAY, PROVIDE PAVED SHOULDERS AND NEW PAVEMENT  
MARKINGS AS INDICATED ON THE PLANS OR AS DIRECTED BY  
THE ENGINEER.

**TRAFFIC DATA**  
AADT 2040 (1987)  
V 35-50 MPH VARIABLE

TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
AGGREGATE SHOULDERS ( $\pm 1/2"$ )  
LEVELING COURSE TYPE IV (250 TONS/MILE)  
1 1/4" WEARING COURSE TYPE III ( $\pm 1/4"$ )  
AS DIRECTED BY THE ENGINEER



EXCAVATE ALL UNSUITABLE SHOULDER MATERIAL TO THREE INCHES (PLUS OR MINUS) AS DIRECTED BY THE ENGINEER. USE ALL PURPOSE EXCAVATOR RENTAL ADJACENT TO GUARDRAIL, GRADER RENTAL ELSEWHERE. EXCAVATED MATERIAL MUST BE REMOVED FROM THE PROJECT UNLESS SPREAD ON THE SLOPE TO THE SATISFACTION OF THE ENGINEER. USE ALL PURPOSE EXCAVATOR RENTAL AND TRUCK RENTAL FOR REMOVING, GRADER RENTAL AND/OR ALL PURPOSE EXCAVATOR RENTAL FOR SPREADING. REPLACE WITH AGGREGATE SHOULDER MATERIAL. COMPACT TO THE SATISFACTION OF THE ENGINEER.



|                                      |                                                            |
|--------------------------------------|------------------------------------------------------------|
| ROADWAY MARKINGS                     |                                                            |
| ITEM 646.60                          |                                                            |
| 24" TEMPORARY STOP BAR               |                                                            |
| NEW HAVEN TH19 @ 1/4 MM 6.341 Rt 12' |                                                            |
| NEW HAVEN TH22 @ 1/4 MM 6.459 Rt 12' |                                                            |
| NEW HAVEN TH18 @ 1/4 MM 6.485 Lt 12' |                                                            |
| PROJECT <u>NEW HAVEN - BRISTOL</u>   | NO. <u>HMA 2923</u><br>SHEET <u>18</u> OF <u>31</u> SHEETS |



STATE OF VERMONT  
AGENCY OF TRANSPORTATION



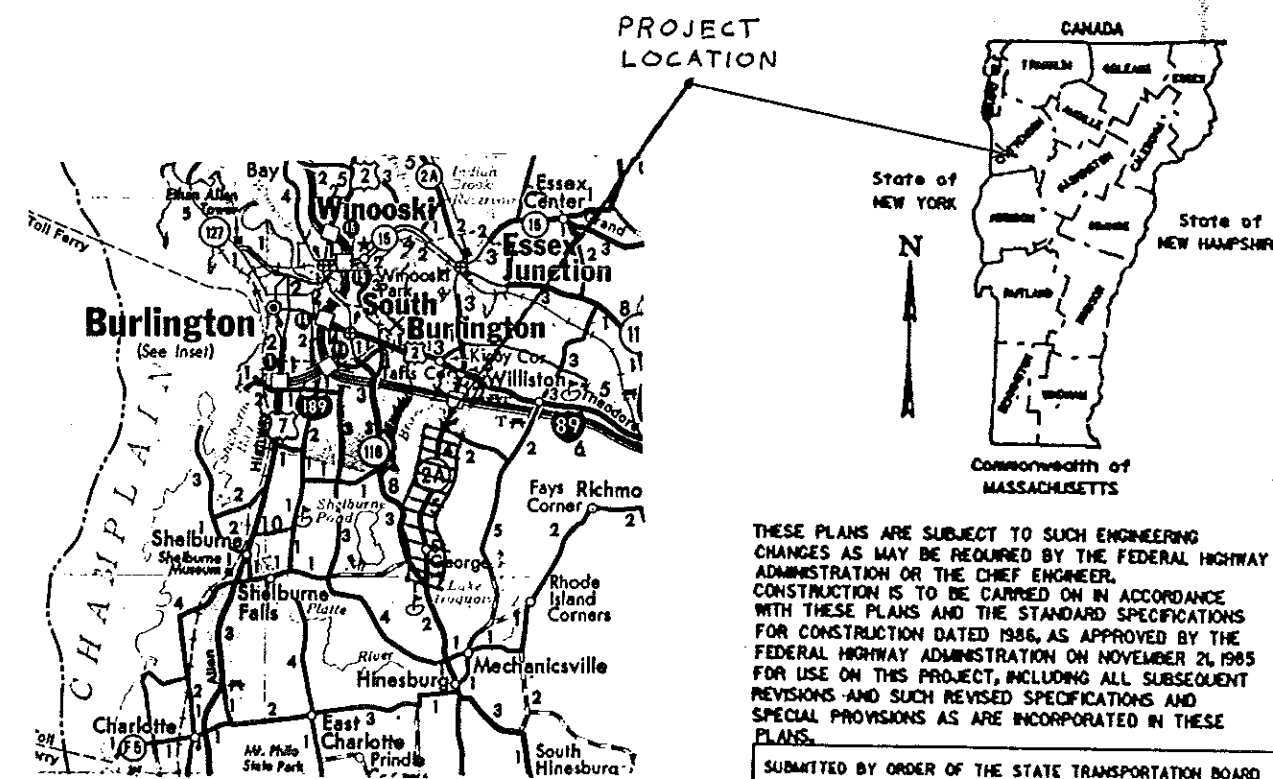
PROPOSED IMPROVEMENT  
RESURFACING PROJECT

TOWN OF ST. GEORGE - WILLISTON

COUNTY OF CHITTENDEN

ROUTE NO. VT 2A

ROUTE CLASS FAS. / FAU.



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1964 AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 20, 1965 FOR USE ON THIS PROJECT INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED David V. Kelly DATE 5/6/88  
CHIEF ENGINEER

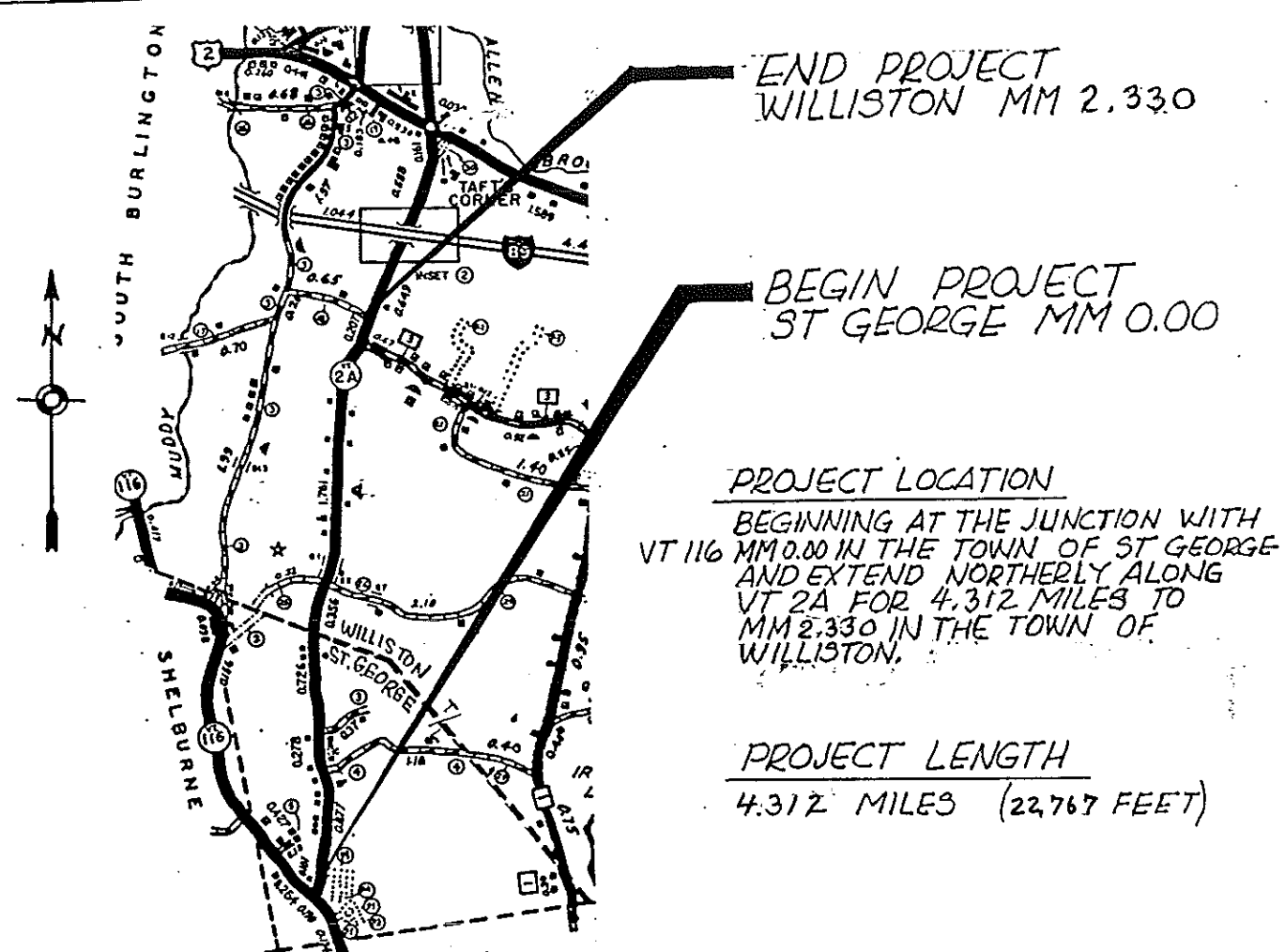
DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

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

PROJECT HA HMA 2A15

SHEET 20 of 31 SHEETS

PROJECT DESCRIPTION AND LOCATION

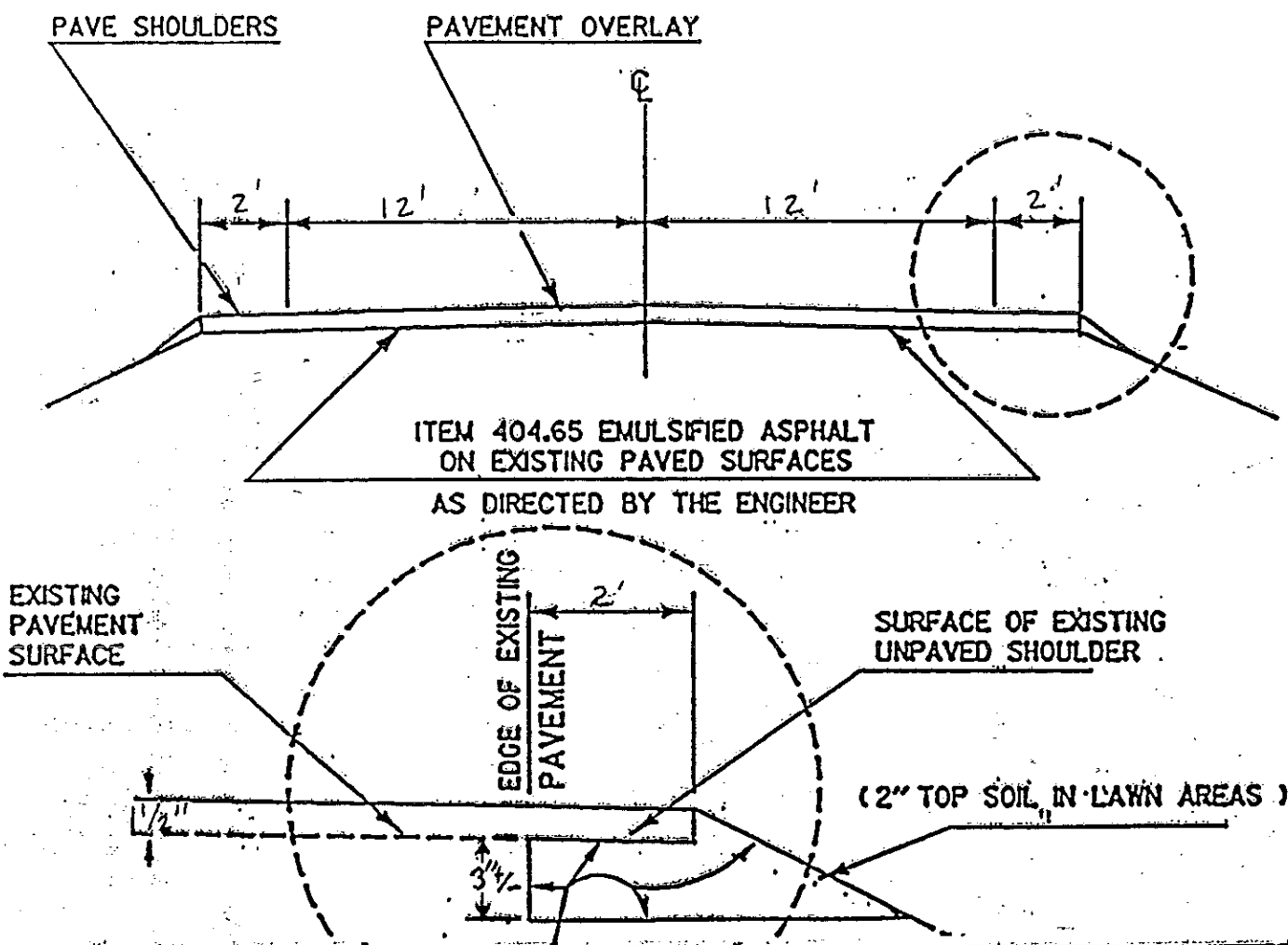


PROJECT DESCRIPTION  
RESURFACE WITH A LEVELING COURSE AND 1 1/2" BITUMINOUS  
OVERLAY. PROVIDE PAVED SHOULDERS AND NEW PAVEMENT  
MARKINGS AS INDICATED ON THE PLANS OR AS DIRECTED  
BY THE ENGINEER.

TRAFFIC DATA  
AADT 4600  
35-50 VARIABLE (1987)

TYPICAL SECTIONS & DESIGN DATA

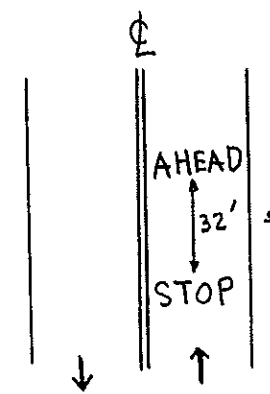
ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
AGGREGATE SHOULDERS ( $\pm 1/2"$ )  
LEVELING COURSE TYPE IV (318 TONS/MILE)  
1 1/2" WEARING COURSE TYPE III ( $\pm 1/4"$ )  
AS DIRECTED BY THE ENGINEER



EXCAVATE ALL UNSUITABLE SHOULDER MATERIAL TO THREE INCHES (PLUS OR MINUS) AS DIRECTED BY THE ENGINEER. USE ALL PURPOSE EXCAVATOR RENTAL ADJACENT TO GUARDRAIL, GRADER RENTAL ELSEWHERE. EXCAVATED MATERIAL MUST BE REMOVED FROM THE PROJECT UNLESS SPREAD ON THE SLOPE TO THE SATISFACTION OF THE ENGINEER. USE ALL PURPOSE EXCAVATOR RENTAL AND TRUCK RENTAL FOR REMOVING, GRADER RENTAL AND/OR ALL PURPOSE EXCAVATOR RENTAL FOR SPREADING. REPLACE WITH AGGREGATE SHOULDER MATERIAL. COMPACT TO THE SATISFACTION OF THE ENGINEER.

| MILE  | MILE  | LT                               | RT                | Q  | QUANTITY<br>LT | QUANTITY<br>R | QUANTITY<br>RT | TOTALS   |
|-------|-------|----------------------------------|-------------------|----|----------------|---------------|----------------|----------|
| 0.000 | 1.982 | Solid                            | Solid             |    | 10465          |               | 10465          | 20930    |
| 0.000 | 0.69  | Solid                            | Solid             |    | 3643           |               | 3643           | 7286     |
| 0.69  | 0.97  | Solid                            | Broken            |    | 1320           |               | 330            | 1650     |
| 0.97  | 1.11  | Broken                           | Solid             |    | 211            |               | 845            | 1056     |
| 1.11  | 1.21  | Solid                            | Solid             |    | 581            |               | 581            | 1162     |
| 1.21  | 1.33  | Broken                           | Solid             |    | 158            |               | 634            | 792      |
| 1.33  | 2.12  | Solid                            | Solid             |    | 4330           |               | 4330           | 8660     |
| 2.12  | 2.24  | Solid                            | Broken            |    | 475            |               | 119            | 594      |
| 2.24  | 2.330 | Solid                            | Solid             |    | 475            |               | 475            | 950      |
|       |       |                                  |                   |    |                |               |                | 43080    |
|       |       | Assume 100%                      | Loss for Leveling | => |                | X             |                | 2        |
|       |       |                                  |                   |    |                |               |                | 86160    |
|       |       | - INTERSECTION WITH 6 SIDE ROADS |                   |    |                |               |                | -        |
|       |       | (7 x 40' x 2) x 2                |                   |    |                |               |                | 1120     |
|       |       |                                  |                   |    |                |               |                | 85040    |
|       |       |                                  |                   |    |                | Rndy          |                | 80       |
|       |       |                                  |                   |    |                | Use =>        |                | 85100 LF |

|                                                  |       |       |       |       |  |       |       |          |
|--------------------------------------------------|-------|-------|-------|-------|--|-------|-------|----------|
| 0000                                             | 1.982 | Solid | Solid | 10465 |  | 10465 |       | 20930    |
| 0.000                                            | 2330  | Solid | Solid | 12302 |  | 12302 |       | 24604    |
| Deduct for intersection with 5 Gravel side roads |       |       |       |       |  |       | -     | 2000     |
|                                                  |       |       |       |       |  |       |       | 45334 LF |
|                                                  |       |       |       |       |  |       | Roady | 66       |
| USR =>                                           |       |       |       |       |  |       |       | 45400    |

| ROADWAY MARKINGS                                                                                                                                                                                                                        |                   |                       |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------|------------|
| ITEM 646.60 24" TEMPORARY STOP BAR                                                                                                                                                                                                      |                   |                       |            |
| MILE MARKER                                                                                                                                                                                                                             | LENGTH            | TOWN                  |            |
| M 0.00 Lt                                                                                                                                                                                                                               | 12 LF             | ST. GEORGE            |            |
| (SPUR) VT116 @ M 0.02 Lt (2ea)                                                                                                                                                                                                          | 12 LF x 2 (24 LF) | ST. GEORGE            |            |
| TH-4 @ M 0.95 Rt                                                                                                                                                                                                                        | 12 LF             | ST. GEORGE            |            |
| TH-3 @ M 1.36 Rt                                                                                                                                                                                                                        | 12 LF             | ST. GEORGE            |            |
| TH-25 @ M 0.36 Lt                                                                                                                                                                                                                       | 12 LF             | WILLISTON             |            |
| TH-26 @ M 0.36 Rt                                                                                                                                                                                                                       | 12 LF             | WILLISTON             |            |
| TH-3 @ M 2.18 Rt                                                                                                                                                                                                                        | 12 LF             | WILLISTON             |            |
| TH-18 @ M 2.32 Lt                                                                                                                                                                                                                       | 12 LF             | WILLISTON             |            |
| ITEM 646.44 DURABLE LETTER IN WORD MARKING                                                                                                                                                                                              |                   |                       |            |
| MILE MARKER                                                                                                                                                                                                                             | WORD              | QUANTITY              | TOWN       |
| (SPUR) VT116 @ M 0.02 Lt (2ea)                                                                                                                                                                                                          | 'STOP'            | 8                     | ST. GEORGE |
| * M 0.15 Lt                                                                                                                                                                                                                             | 'STOP' AHEAD'     | 9                     | ST. GEORGE |
| M 0.57 Rt                                                                                                                                                                                                                               | 'SCHOOL'          | 6                     | ST. GEORGE |
| M 0.91 Lt                                                                                                                                                                                                                               | 'SCHOOL'          | 6                     | ST. GEORGE |
| <p>* NOTE: THE WORDS 'STOP' AND 'AHEAD' SHOULD BE SPACED 32' APART AS SHOWN ON RIGHT WITH THE EXISTING 'STOP AHEAD' SIGN CENTERED BETWEEN THEM.</p>  |                   |                       |            |
| PROJECT ST. GEORGE - WILLISTON                                                                                                                                                                                                          |                   | NO. HMA 2915          |            |
|                                                                                                                                                                                                                                         |                   | SHEET 24 OF 31 SHEETS |            |

