

STATE OF VERMONT  
AGENCY OF TRANSPORTATION



CONTRACT PLANS

THESE PLANS DO NOT REFLECT  
CHANGES MADE ON THE PROJECT.

PROPOSED IMPROVEMENT

SWANTON-ESSEX-WESTFORD-FAIRFAX-GEORGIA  
TOWN OF FAIRFIELD-ALBURG-So.HERO-MILTON-BAKERSFIELD

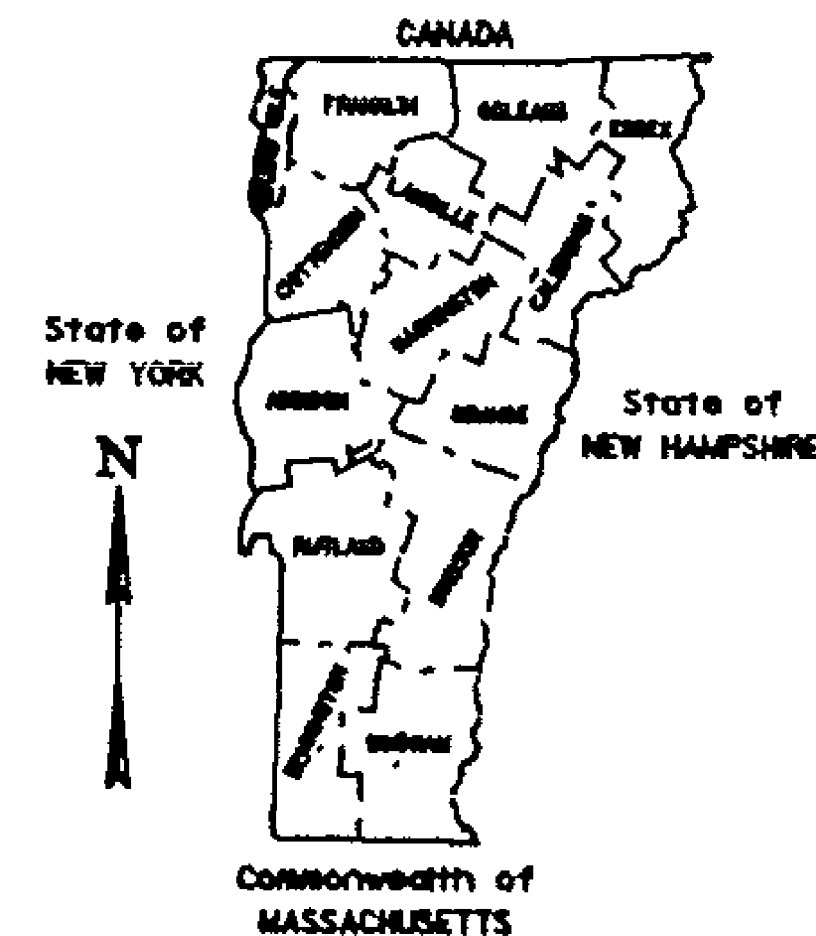
COUNTY OF CHITTENDEN-FRANKLIN

ROUTE NO. VT. 78, VT. 128, VT. 104, US 2, VT. 36

ROUTE CLASS FAS

FOR DESCRIPTION AND LOCATION

SWANTON HMA 2814 SEE SHEET 9  
ESSEX-WESTFORD HMA 2832, 2835 SEE SHEET 13  
FAIRFAX-FAIRFIELD HMA 2836, SEE SHEET 19  
ALBURG HMA 2846 SEE SHEET 26  
So.HERO-MILTON HMA 2850 SEE SHEET 31  
GEORGIA HMA 2854 SEE SHEET 35  
FAIRFIELD-BAKERSFIELD HMA 2866, 2871 SEE SHEET 39



Date OCT 27 1987

PIKE INDUSTRIES INC.  
Contractor

Roger D. Marts  
Signature

VICE PRESIDENT  
Title

Jose C. Gemp  
Transportation Secretary's 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 1986, AS APPROVED BY THE  
FEDERAL HIGHWAY ADMINISTRATION ON NOVEMBER 24, 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 N. Kelly DATE 8/10/87  
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

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

PROJECT NO.

SHEET 1 OF 60 SHEETS

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PROJECT \_\_\_\_\_

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PROJECT \_\_\_\_\_

NO. \_\_\_\_\_  
SHEET 3 OF 60 SHEETS

# PROJECT LENGTHS AND ITEM QUANTITIES

| ITEM DESCRIPTION           |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
|----------------------------|------|--------|--------|--------|------|-------|-----|-------|-----|------|------|------|--------|--------|-----|--|
| OPTION                     |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| OVERLAY DEPTH              |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| LENGTH                     |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| WIDTH                      |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| GRAVEL SHOULDERS           |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| EMULSIFIED ASPHALT         |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| BITUMINOUS CONCRETE RENTAL |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| UNIFORMED TRAFFIC OFFICERS |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| FLAGGERS                   |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| MOBILIZATION               |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| TEMP 4" WHITE LINE         |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| TEMP 4" YELLOW LINE        |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| TOPSOIL                    |      |        |        |        |      |       |     |       |     |      |      |      |        |        |     |  |
| ITEM NO.                   | UNIT | FT.    | FT.    | IN.    | CY   | TON   | CWT | TON   | HR  | HR   | HR   | LS   | LF     | LF     | CY  |  |
| HMA 2814                   |      | 17910  | 26     | 1 1/4  | 230  | 400   | 55  | 4475  | 30  | 185  | 185  | 0.11 | 35820  | 46300  | 85  |  |
| HMA 2832                   |      | 6864   | 26     | 1 1/4  | 275  | 467   | 25  | 1734  | 12  | 70   | 70   | 0.04 | 13732  | 16842  | 35  |  |
| HMA 2835                   |      | 23248  | 28     | 1 1/4  | 1300 | 2283  | 70  | 6366  | 38  | 255  | 255  | 0.14 | 46468  | 86508  | 115 |  |
| HMA 2836                   |      | 39737  | VARIES | 1 1/4  | 2200 | 3850  | 125 | 10700 | 65  | 425  | 425  | 0.24 | 79500  | 129210 | 200 |  |
| HMA 2846                   |      | 2112   | 34     | 1 1/2  | 35   | 55    | 10  | 825   | 5   | 45   | 45   | 0.01 | 4230   | 8450   | 10  |  |
| HMA 2850                   |      | 16759  | 40     | 1 1/2  | 220  | 385   | 95  | 7710  | 30  | 390  | 390  | 0.10 | 32350  | 21220  | 80  |  |
| HMA 2854                   |      | 1199   | 34     | 1 1/4  | 20   | 35    | 10  | 415   | 5   | 30   | 30   | 0.01 | 2400   | 4500   | 10  |  |
| HMA 2866                   |      | 56428  | VARIES | 1 1/4  | 1525 | 2675  | 210 | 15000 | 90  | 750  | 750  | 0.34 | 112900 | 188300 | 275 |  |
| HMA 2871                   |      | 2640   | 28     | 1 1/4  | 100  | 175   | 10  | 750   | 5   | 40   | 40   | 0.01 | 5300   | 4500   | 15  |  |
| TOTAL                      |      | 166897 | VARIES | VARIES | 5905 | 10325 | 610 | 47975 | 280 | 2190 | 2190 | 1    | 332700 | 505830 | 825 |  |

## PROJECT LENGTHS AND ITEM QUANTITIES

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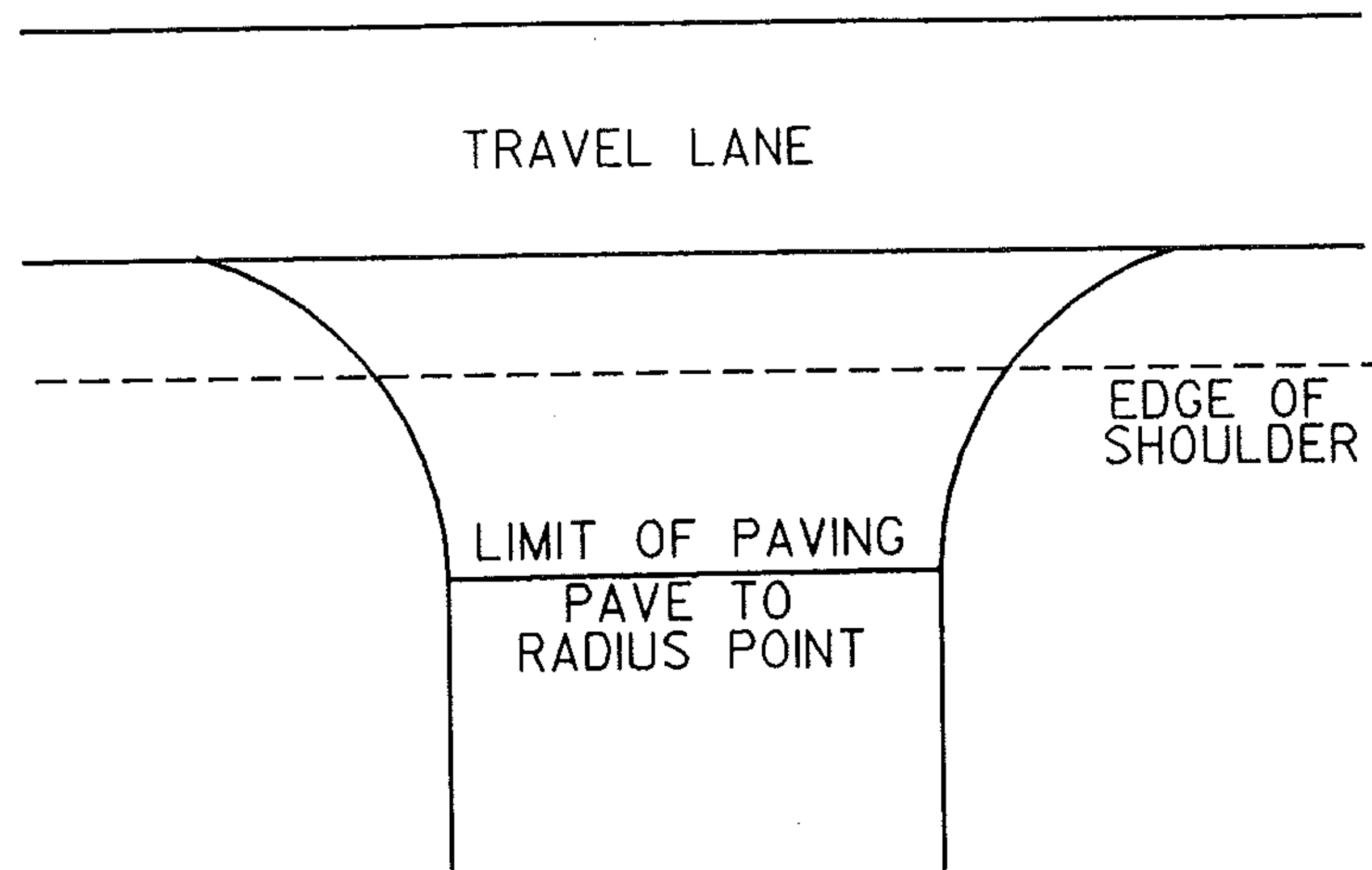
PROJECT

CIN

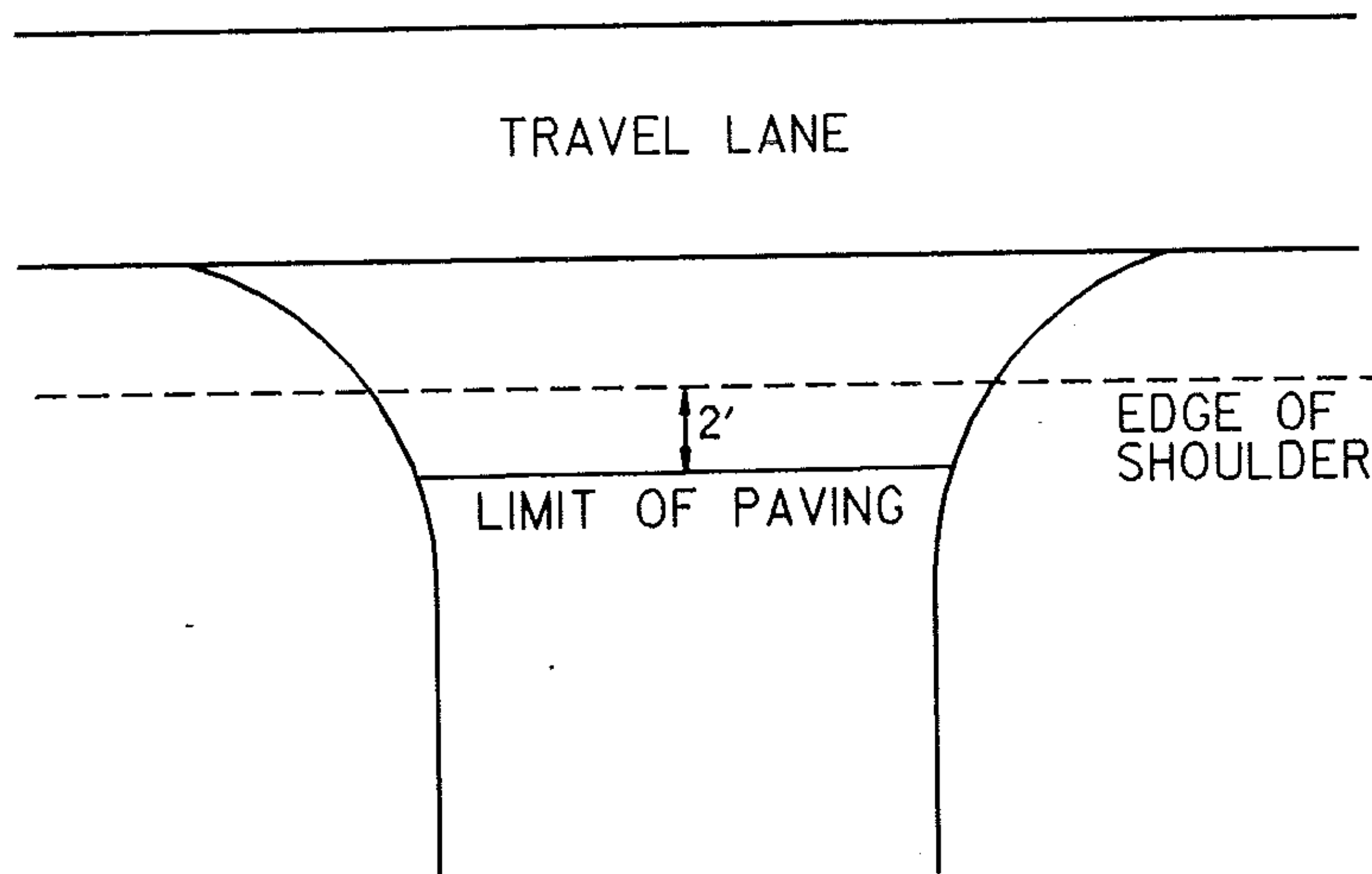
11/11/2023

# PAVING LIMITS FOR TOWN ROADS & DRIVES

## PAVING LIMITS FOR TOWN ROADS



## PAVING LIMITS FOR DRIVES



PROJECT \_\_\_\_\_

NO. \_\_\_\_\_

SHEET 6 OF 60 SHEETS

GUIDELINES FOR MINIMUM INTERIM PAVEMENT MARKINGS  
IN CONSTRUCTION ZONES

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

NO PASSING BARRIER  
SOLID STRIPES.

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

GORE AREA  
(GORE AREAS TO INCLUDE 8' CHANNELIZING LINE AND DASHED LINE)  
PER STANDARD SHEET E-50

- B. EDGE LINES

WHEN SPECIFIED, EDGE LINES ARE NOT REQUIRED UNTIL COMPLETION OF THE PROJECT. ON INTERSTATE PROJECTS, TEMPORARY EDGE LINES SHOULD BE APPLIED WHERE TRAFFIC VOLUMES AND SPEEDS ARE HIGH AND DELAY OF SEVERAL DAYS IS ANTICIPATED.

- C. TEMPORARY MARKINGS MAY CONSIST OF PAINT, TAPE OR RAISED PAVEMENT MARKERS (RPM'S). THE TAPE SHALL BE A RETRO-REFLECTIVE FILM ON A CONFORMABLE METALLIC BACKING THAT CAN BE PAVED OVER. TAPE MAY BE USED ON THE FINAL SURFACE COURSE IF IT WILL NOT INTERFERE WITH THE FINAL MARKING APPLICATION. TEMPORARY TAPE MARKINGS WILL BE OFFSET AND REMOVED WHEN PROJECT IS FINISHED AND FINAL CENTERLINE PAINTED. THE TAPE SHALL BE THE TYPE THAT IS REMOVABLE INTACT AND NOT SEPERATE AT ANY TIME. THE RPM'S SHALL HAVE A SELF-ADHESIVE BACKING EASILY REMOVED BEFORE PAVING AND SHALL CONFORM TO THE FOLLOWING LAYOUT PATTERN:

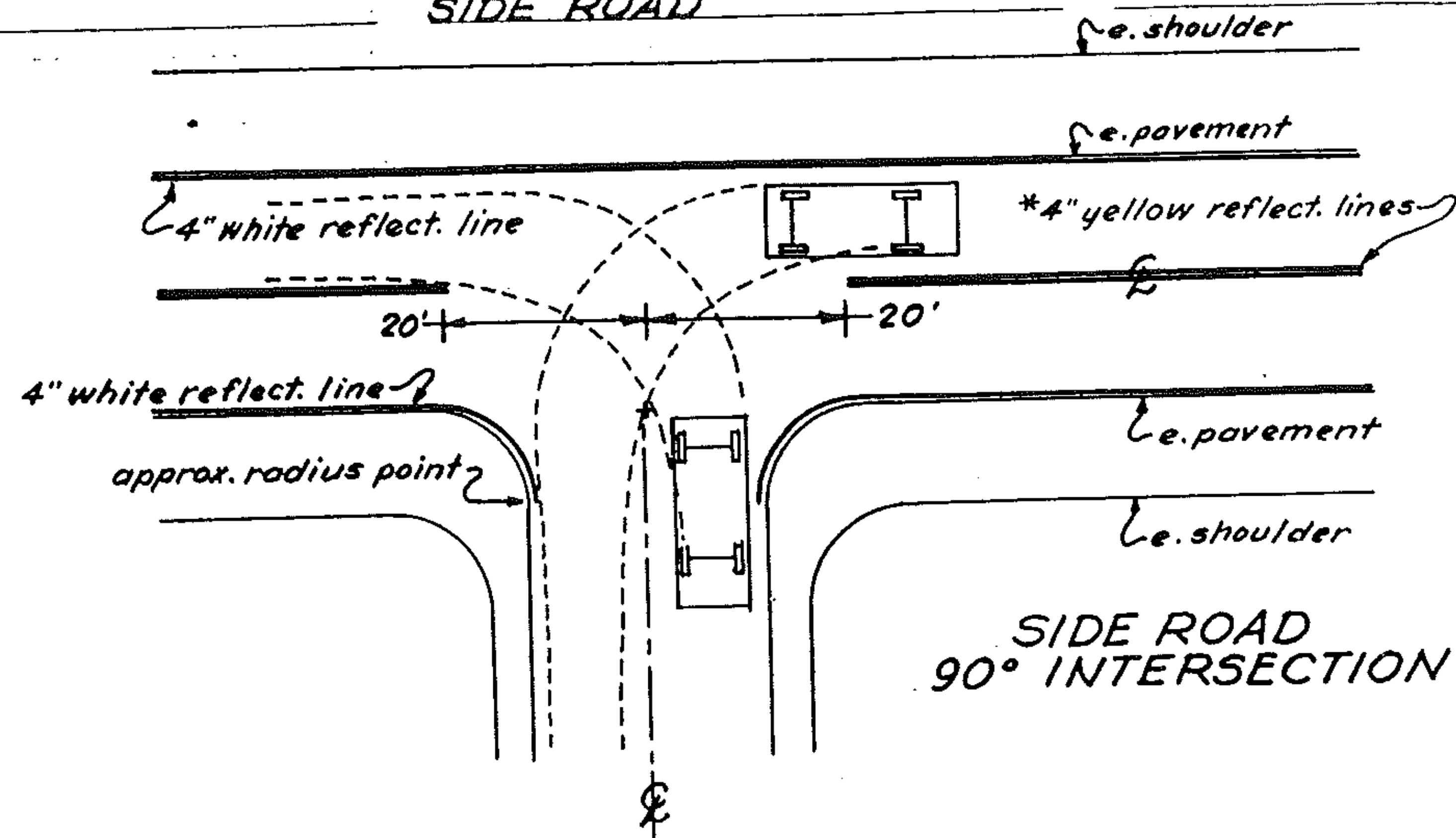
NO PASSING BARRIER  
NO RPM'S ALLOWED.

DASHED LINE  
FOUR RETRO-REFLECTIVE RPM'S ON 3 1/2 FOOT CENTERS WITH A 30' GAP.

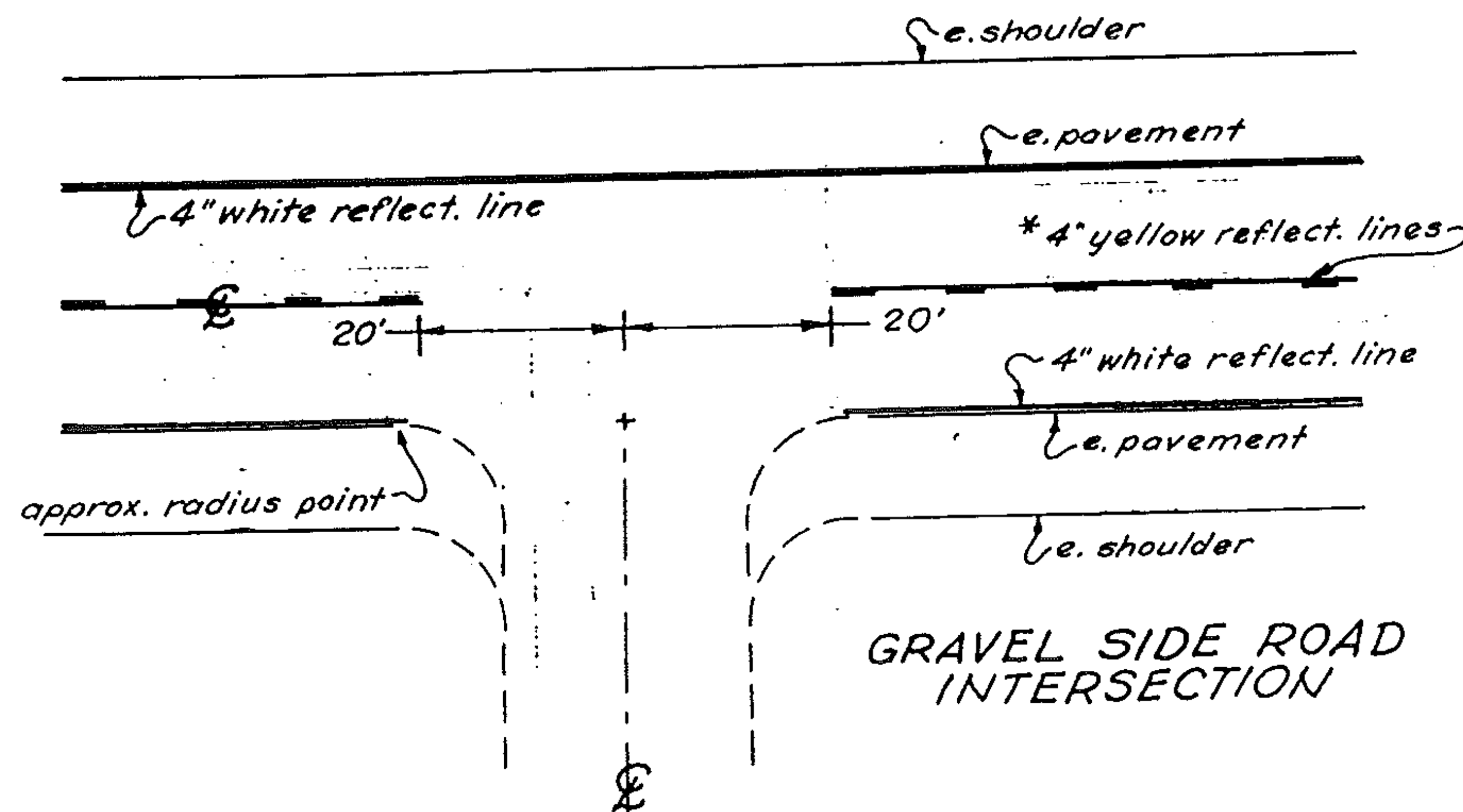
SOLID LINE - EDGE LINES  
INTERSTATE MEDIAN SIDE-RETRO-REFLECTIVE RPM'S ON 4 TO 5 FOOT CENTER.  
DRIVERS RIGHT SIDE-RPM'S NOT ALLOWED.

- D. WHEN PAINT IS USED FOR TEMPORARY MARKING, AN ALTERNATE MATERIAL SUCH AS TAPE OR RPM'S SHALL BE ON HAND IN THE EVENT RAIN PREVENTS THE PAINT APPLICATION FROM BEING COMPLETED. ALL PAINT SHALL BE REFLECTORIZED.
- E. PAYMENT FOR PAINT AND TAPE SHALL BE COMPUTED ON A LINEAR FOOT BASIS AS IF PAINT WAS USED. PAYMENT FOR THE RPM'S SHALL BE COMPUTED AS IF AN EQUIVALENT PAINT LINE WAS USED. (FOR EXAMPLE, DASHED LINE PAID AS 10 FEET OF PAINT, SOLID LINE PAID AS THE TOTAL DISTANCE COVERED WITH THE MARKERS).
- F. 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.

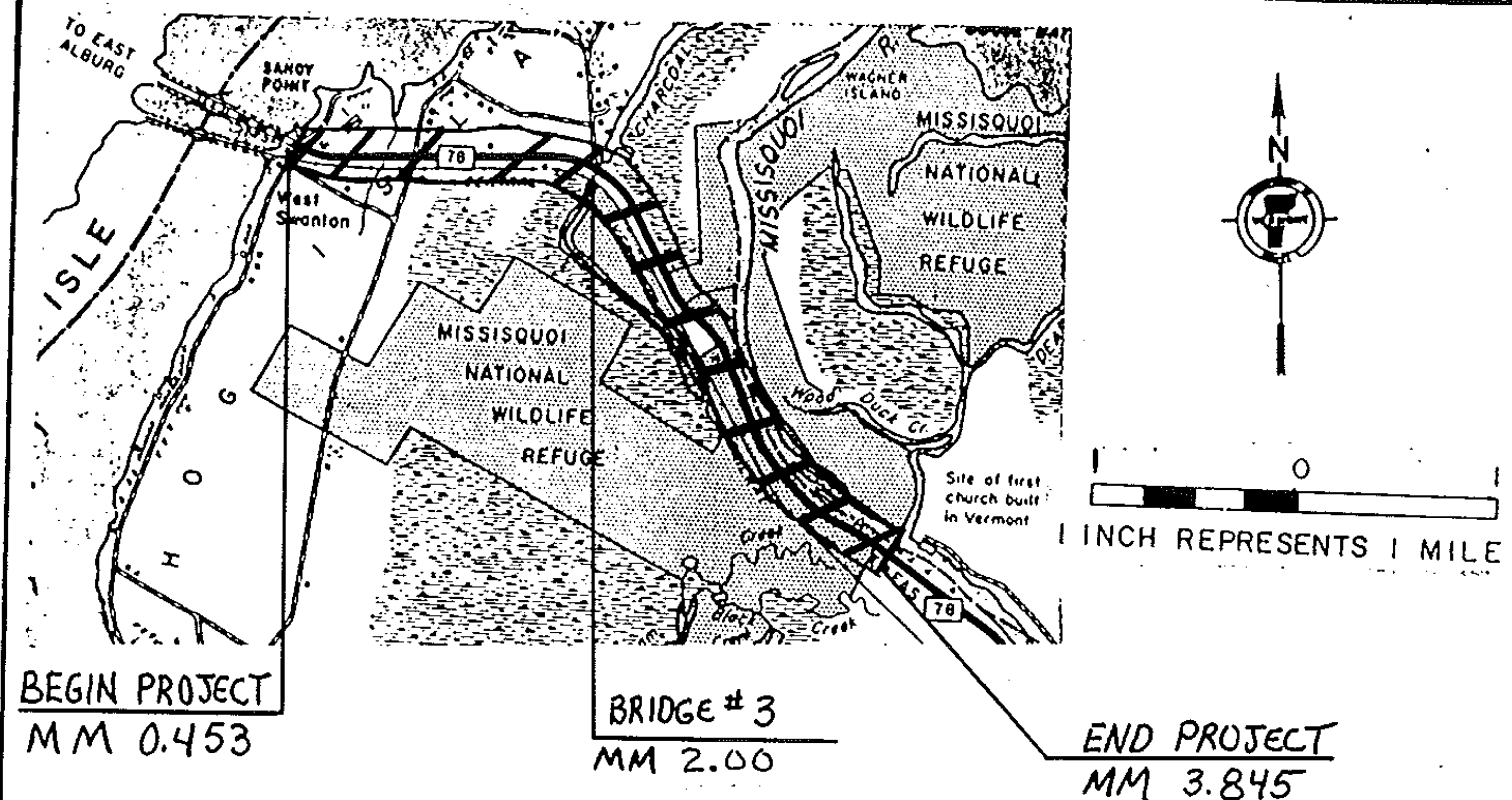
REVISED  
02/11/85



\* 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.



# DESCRIPTION AND LOCATION



BEGINNING IN THE TOWN OF SWANTON ON VT. ROUTE 78 AT MM 0.453 AND EXTENDING EASTERLY 3.392 MILES TO MM 3.845. RESURFACING OF THE HIGHWAY, NEW PAVEMENT MARKINGS

1986 ADT 3950

LENGTH OF PROJECT = 3.392 MILES  
17,910 FEET

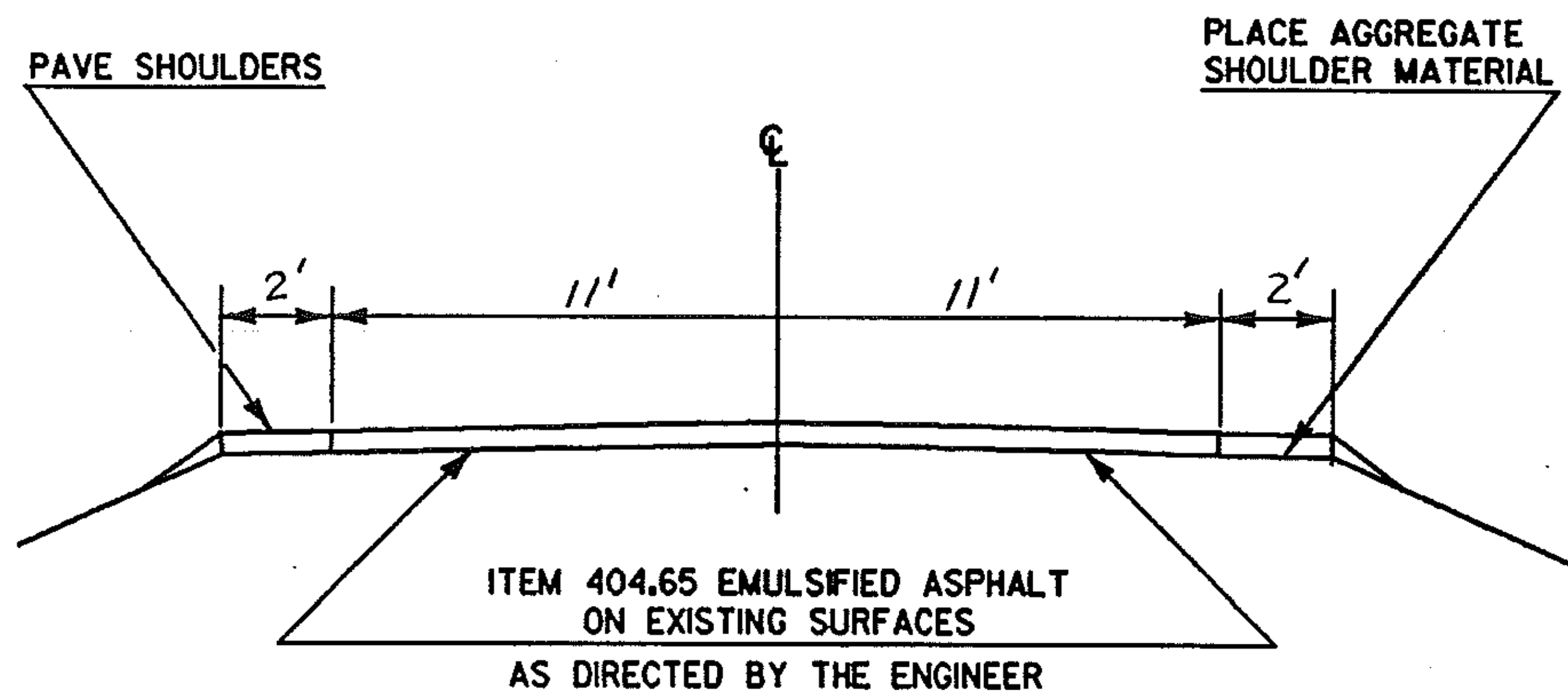
PROJECT SWANTON

NO. HMA 2814

SHEET 9 OF 60 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
LEVELING COURSE TYPE IV (250 TONS/MILE )  
1 1/4" WEARING COURSE TYPE III (± 1/4")  
AS DIRECTED BY THE ENGINEER



VT 78 MM 0.453 ~ MM 3.845

PROJECT SWANTON

NO. HMA 2814

SHEET 10 OF 60 SHEETS

# TEMPORARY 4" YELLOW LINE

|  | MILE | MILE  | LT | RT |                                  | QUANTITY<br>LT | QUANTITY<br>C | QUANTITY<br>RT |   | TOTALS |
|--|------|-------|----|----|----------------------------------|----------------|---------------|----------------|---|--------|
|  | 0.45 | 0.69  | S  | S  |                                  | 1267           |               | 1267           |   | 2534   |
|  | 0.69 | 0.80  | S  | D  |                                  | 581            |               | 145            |   | 726    |
|  | 0.80 | 1.06  | D  | D  |                                  |                | 343           |                |   | 343    |
|  | 1.06 | 1.12  | S  | D  |                                  | 317            |               | 79             |   | 396    |
|  | 1.12 | 1.42  | D  | D  |                                  |                | 396           |                |   | 396    |
|  | 1.42 | 1.53  | D  | S  |                                  | 145            |               | 581            |   | 726    |
|  | 1.53 | 2.30  | S  | S  |                                  | 4066           |               | 4066           |   | 8132   |
|  | 2.30 | 2.41  | S  | D  |                                  | 581            |               | 145            |   | 726    |
|  | 2.41 | 2.66  | D  | D  |                                  |                | 330           |                |   | 330    |
|  | 2.66 | 2.78  | D  | S  |                                  | 158            |               | 634            |   | 792    |
|  | 2.78 | 3.24  | S  | S  |                                  | 2429           |               | 2429           |   | 4858   |
|  | 3.24 | 3.30  | S  | D  |                                  | 317            |               | 79             |   | 396    |
|  | 3.30 | 3.47  | D  | D  |                                  |                | 224           |                |   | 224    |
|  | 3.47 | 3.57  | D  | S  |                                  | 132            |               | 528            |   | 660    |
|  | 3.57 | 3.75  | S  | S  |                                  | 792            |               | 792            |   | 1584   |
|  | 3.75 | 3.845 | S  | D  |                                  | 502            |               | 125            |   | 627    |
|  |      |       |    |    |                                  |                |               |                |   |        |
|  |      |       |    |    |                                  |                |               | SUBTOTAL       | = | 23450  |
|  |      |       |    |    | ASSUME 100% LOSS DUE TO LEVELING |                |               |                | = | 23450  |
|  |      |       |    |    | MINUS 4 TH'S OPENINGS @ 90' EA   |                |               |                | = | -640   |
|  |      |       |    |    |                                  |                |               |                |   |        |
|  |      |       |    |    |                                  |                |               | SUBTOTAL       | = | 46260  |
|  |      |       |    |    |                                  |                |               | ROUNDING       | = | 40     |
|  |      |       |    |    |                                  |                |               |                |   |        |
|  |      |       |    |    |                                  |                |               | TOTAL          | = | 46300  |

# TEMPORARY 4" WHITE LINE

|  |       |       |   |   |  |       |  |       |  |       |
|--|-------|-------|---|---|--|-------|--|-------|--|-------|
|  | 0.453 | 3.845 | S | S |  | 17910 |  | 17910 |  | 35820 |
|  |       |       |   |   |  |       |  |       |  |       |
|  |       |       |   |   |  |       |  |       |  |       |
|  |       |       |   |   |  |       |  |       |  |       |
|  |       |       |   |   |  |       |  |       |  |       |
|  |       |       |   |   |  |       |  |       |  |       |
|  |       |       |   |   |  |       |  |       |  |       |
|  |       |       |   |   |  |       |  |       |  |       |

PROJECT SWANTON

NO. HMA 2814  
SHEET 11 OF 60 SHEETS

# PROJECT LENGTHS AND ITEM QUANTITIES

[illegible]PROJECT SWANTON

NO. HMA 2814

SHEET 12 OF 60 SHEETS

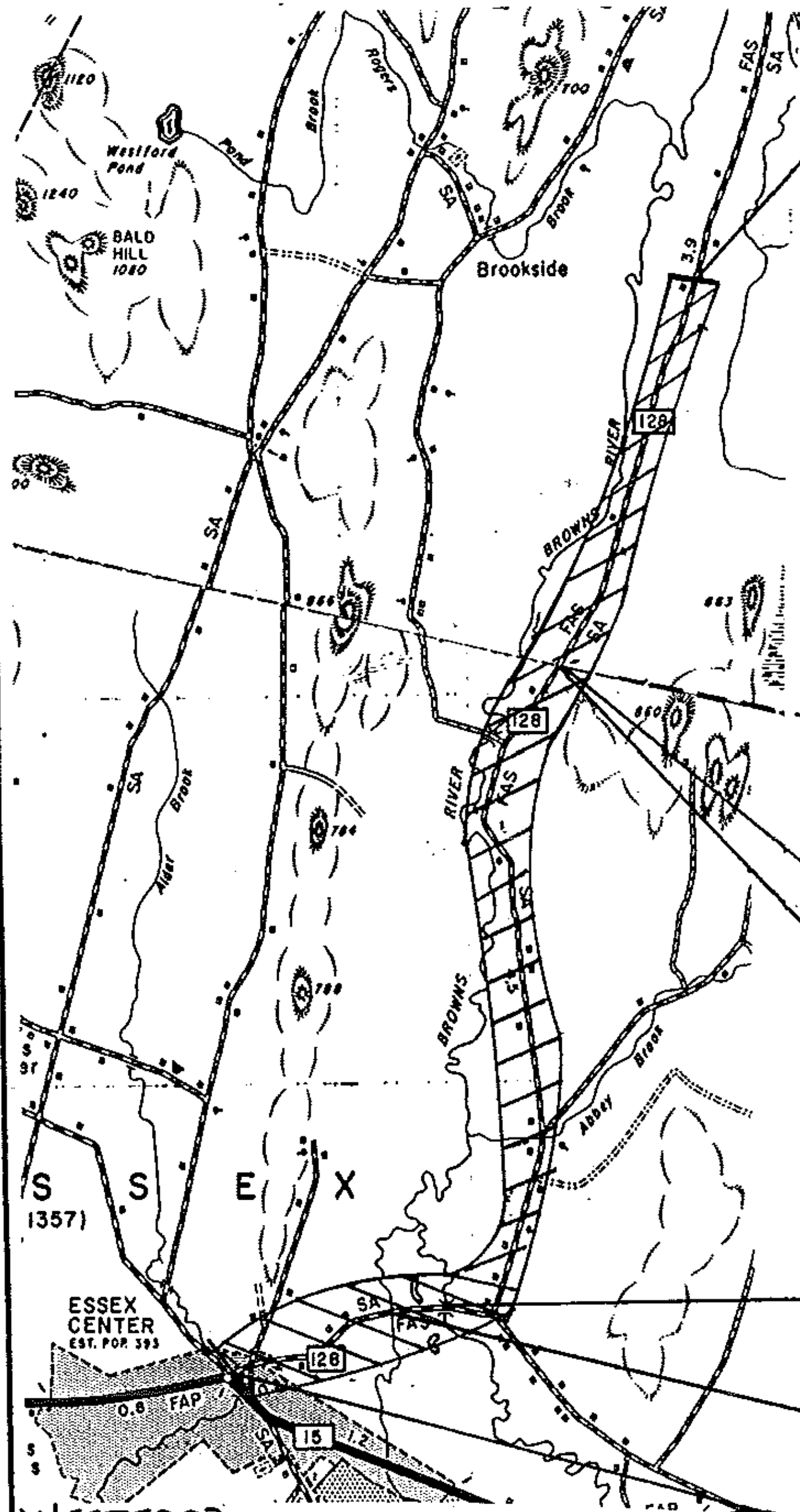
# DESCRIPTION AND LOCATION

1986 ADT = 1670

END PROJECT HMA 2832  
MM 1.300

HMA 2832: BEGINNING IN THE  
TOWN OF WESTFORD ON Rte. 128  
AT MM 0.000 AND EXTENDING  
NORTHERLY TO MM 1.300. RESURF-  
ACING OF HIGHWAY, NEW PAVEMENT  
MARKINGS.

HMA 2835: BEGINNING IN THE  
TOWN OF ESSEX ON VT Rte. 128  
AT MM 0.000 AND EXTENDING  
NORTHERLY TO MM 4.403.  
RESURFACING OF HIGHWAY, NEW  
PAVEMENT MARKINGS.



WESTFORD  
ESSEX

1 INCH REPRESENTS 1 MILE



BEGIN PROJECT HMA 2832  
MM 0.000

END PROJECT HMA 2835  
MM 4.403

BRIDGE #3  
MM 1.04  
PAVE W/ONLY 3/4"

BRIDGE #2  
MM 0.806

BEGIN PROJECT HMA 2835  
MM 0.000

WESTFORD  
HMA 2832 LENGTH = 1.3 MI. = 6864 FT.

ESSEX  
HMA 2835 LENGTH = 4.403 MI. = 23248 FT.

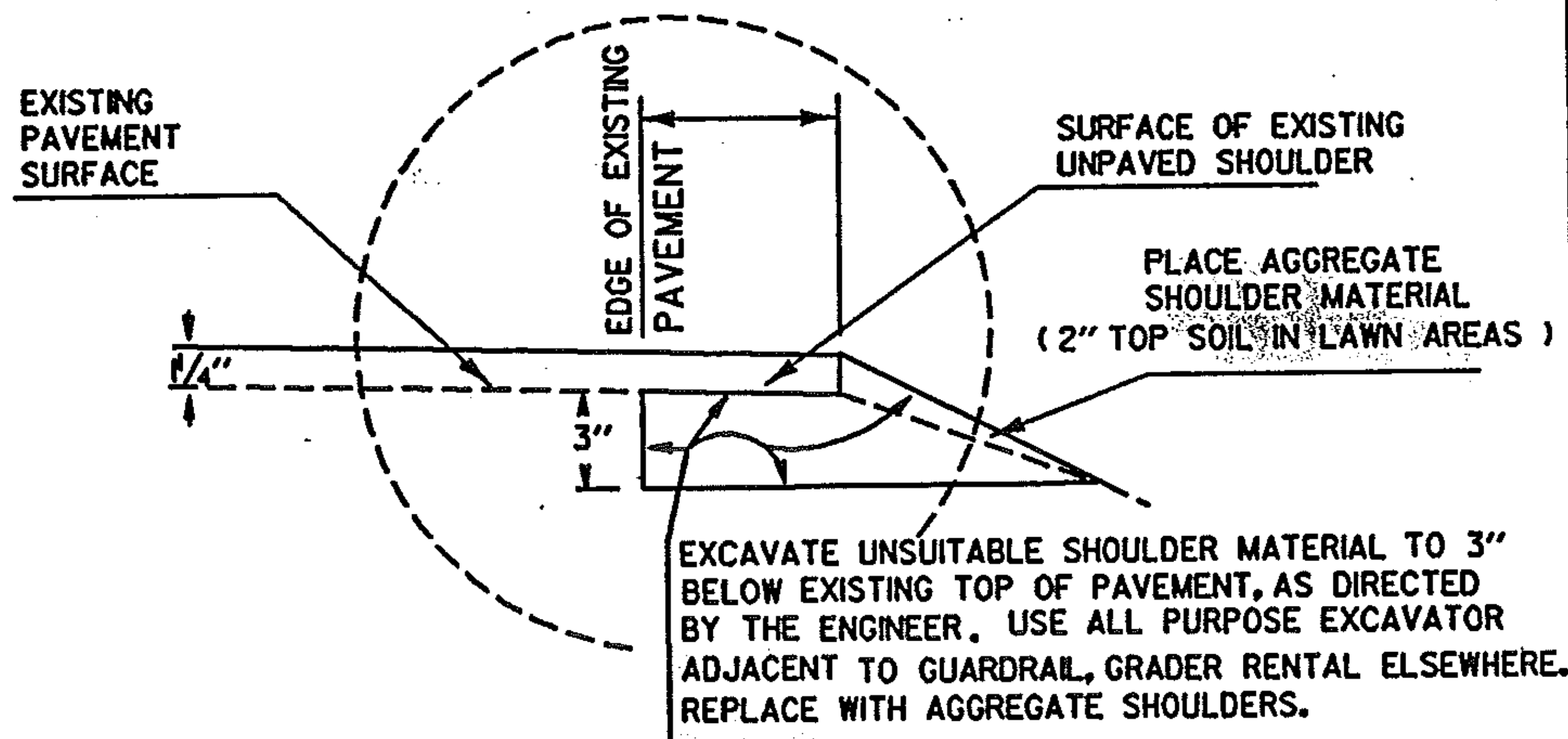
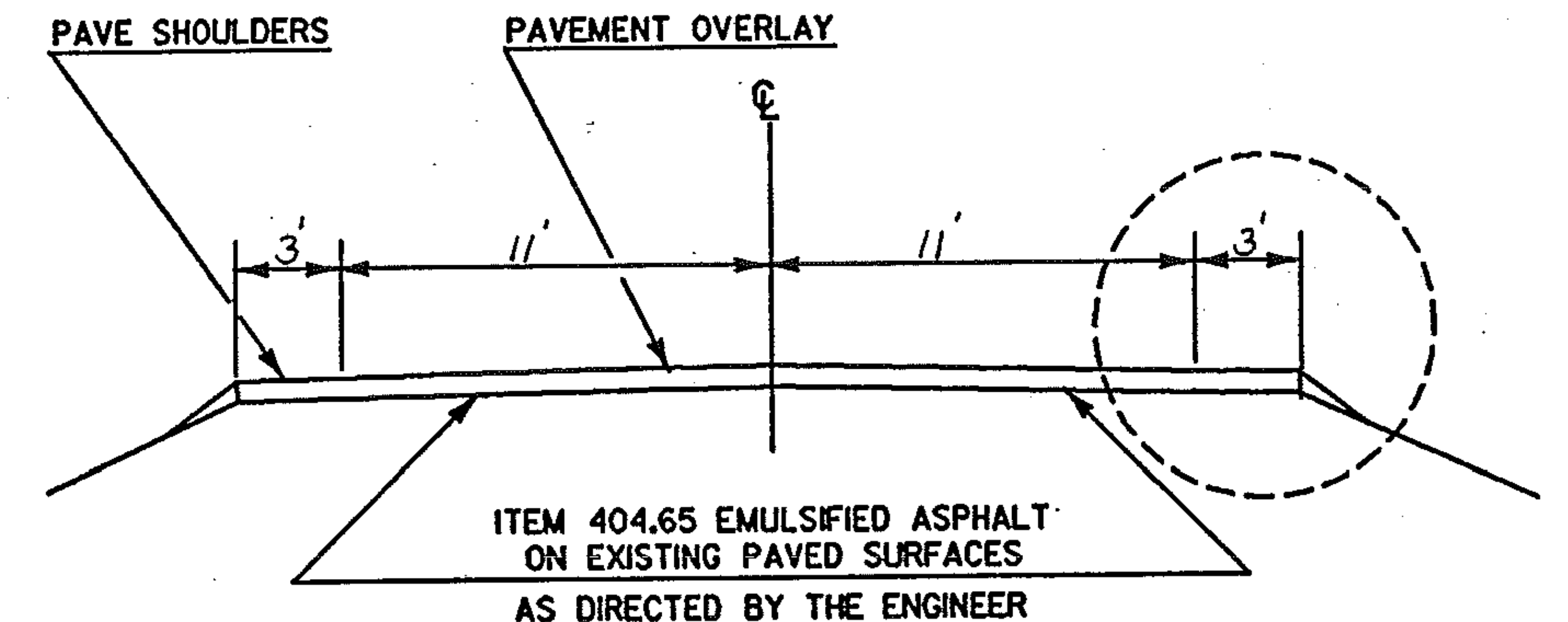
PROJECT ESSEX, WESTFORD

NO. HMA 2835, 2832

SHEET 13 OF 60 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
 AGGREGATE SHOULDERS ( $\pm 1/2"$ )  
 LEVELING COURSE TYPE IV (300 TONS/MILE)  
 1 1/4" WEARING COURSE TYPE III ( $\pm 1/4"$ )  
 AS DIRECTED BY THE ENGINEER  
 VT. 128 ESSEX MM 0.000 ~ MM 4.403



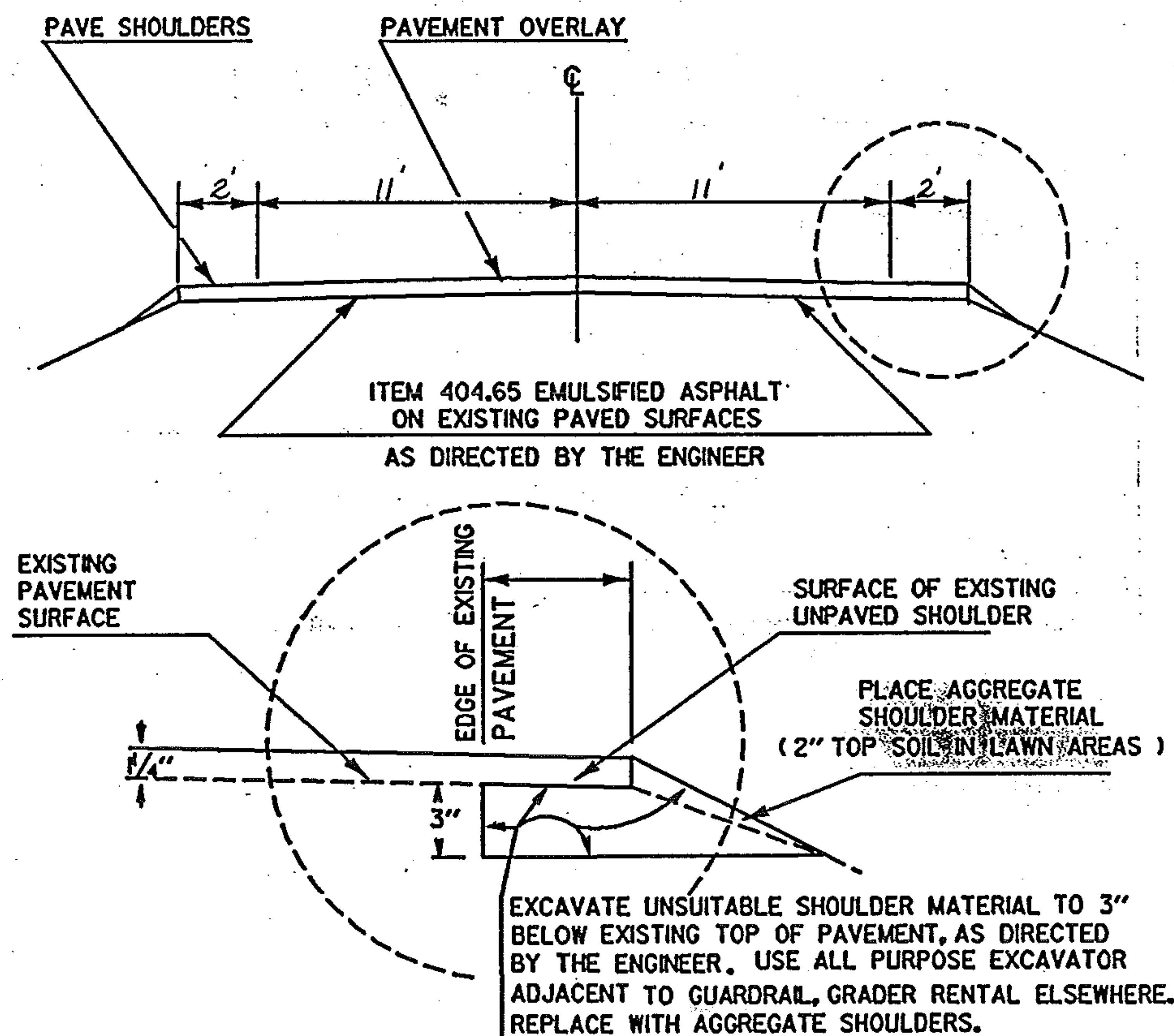
PROJECT ESSEX

NO. HMA 2835

SHEET 14 OF 60 SHEETS

# 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  
 VT. 128 WESTFORD MM 0.000 ~ MM 1.300



# TEMPORARY 4" YELLOW LINE

|          | MILE | MILE  | LT | RT |  | QUANTITY<br>LT | QUANTITY<br>C | QUANTITY<br>RT                   |   | TOTALS |
|----------|------|-------|----|----|--|----------------|---------------|----------------------------------|---|--------|
| Essex    | 0.00 | 0.87  | S  | S  |  | 4594           |               | 4594                             |   | 9188   |
|          | 0.87 | 1.02  | S  | S  |  | 792            |               | 792                              |   | 1584   |
|          | 1.02 | 1.49  | S  | S  |  | 2482           |               | 2482                             |   | 4964   |
|          | 1.49 | 1.55  | S  | D  |  | 317            |               | 79                               |   | 396    |
|          | 1.55 | 1.76  | D  | S  |  | 277            |               | 1109                             |   | 1386   |
|          | 1.76 | 1.88  | D  | S  |  | 158            |               | 634                              |   | 792    |
|          | 1.88 | 2.27  | S  | S  |  | 2059           |               | 2059                             |   | 4118   |
|          | 2.27 | 2.42  | S  | S  |  | 792            |               | 792                              |   | 1584   |
|          | 2.42 | 2.55  | D  | S  |  | 172            |               | 686                              |   | 858    |
|          | 2.55 | 2.70  | S  | D  |  | 792            |               | 198                              |   | 990    |
|          | 2.70 | 4.38  | S  | S  |  | 8870           |               | 8870                             |   | 17740  |
|          | 4.38 | 0.00  | S  | D  |  | 106            |               | 27                               |   | 133    |
| Westford | 0.00 | 0.04  | S  | D  |  | 211            |               | 53                               |   | 264    |
|          | 0.04 | 0.22  | D  | D  |  |                | 238           |                                  |   | 238    |
|          | 0.22 | 0.34  | D  | S  |  | 158            |               | 634                              |   | 792    |
|          | 0.34 | 0.62  | S  | S  |  | 1478           |               | 1478                             |   | 2956   |
|          | 0.62 | 0.76  | S  | D  |  | 739            |               | 185                              |   | 924    |
|          | 0.76 | 0.97  | D  | D  |  |                | 277           |                                  |   | 277    |
|          | 0.97 | 1.10  | D  | S  |  | 171            |               | 686                              |   | 857    |
|          | 1.10 | 1.300 | S  | S  |  | 1056           |               | 1056                             |   | 2112   |
|          |      |       |    |    |  |                |               | SUBTOTAL                         | = | 52153  |
|          |      |       |    |    |  |                |               | ASSUME 100% LOSS DUE TO LEVELING | = | 52153  |
|          |      |       |    |    |  |                |               | MINUS 6 TH'S @ 80' EACH          | = | - 960  |
|          |      |       |    |    |  |                |               | SUBTOTAL                         | = | 103346 |
|          |      |       |    |    |  |                |               | ROUNDING                         | = | 4      |
|          |      |       |    |    |  |                |               | TOTAL                            | = | 103350 |

# TEMPORARY 4" WHITE LINE

|          |                                                         |       |   |   |  |       |  |          |                    |       |
|----------|---------------------------------------------------------|-------|---|---|--|-------|--|----------|--------------------|-------|
| Essex    | 0.00                                                    | 4.400 | S | S |  | 23232 |  | 23232    |                    | 46464 |
| Westford | 0.00                                                    | 1.300 | S | S |  | 6864  |  | 6864     |                    | 13728 |
|          |                                                         |       |   |   |  |       |  | SUBTOTAL |                    | 60192 |
|          |                                                         |       |   |   |  |       |  | ROUNDING |                    | 8     |
|          |                                                         |       |   |   |  |       |  | TOTAL    |                    | 60200 |
|          | 12 L.F. OF DURABLE STOP BAR @ MM 0.00 IN ESSEX =        |       |   |   |  |       |  |          | 12 L.F. STOP BAR   |       |
|          | "SCHOOL" DURABLE LETTERS @ MM 0.08 & MM 0.28 IN ESSEX = |       |   |   |  |       |  |          | 12 DURABLE LETTERS |       |

PROJECT Essex - Westford

NO. HMA 2835 & 2832

SHEET 16 OF 60 SHEETS

# PROJECT LENGTHS AND ITEM QUANTITIES

| ITEM DESCRIPTION           |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|----------------------------|-------|-----|-------|-----|------|------|-----|------|----|-----|-----|------|-------|--------|-----|----|
| OPTION                     |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| EMULSIFIED ASPHALT         |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| BITUMINOUS CONCRETE RENTAL |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| UNIFORMED TRAFFIC OFFICERS |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| FLAGGERS                   |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| MOBILIZATION               |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| TEMP 4" WHITE LINE         |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| TEMP 4" YELLOW LINE        |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| TOPSOIL                    |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| ITEM NO.                   | UNIT  | FT. | FT.   | IN. | CY   | TON  | CWT | TON  | HR | HR  | HR  | HR   | LS    | LF     | LF  | CY |
| ESSEX                      |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| HMA 2835                   | 23248 | 28  | 1 1/4 |     | 1292 | 2261 | 71  | 5015 | 35 | 253 | 253 | 0.14 | 46464 | 86506  | 110 |    |
|                            |       |     |       |     |      |      |     | 1321 |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| WESTFORD                   | 6864  | 26  | 1 1/4 |     | 254  | 445  | 21  | 1374 | 10 | 68  | 68  | 0.04 | 13728 | 16840  | 33  |    |
| HMA 2832                   |       |     |       |     |      |      |     | 325  |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| DRIVES & APPROACHES        |       |     |       |     | 25   | 44   | —   | 35   | —  | —   | —   | —    | —     | —      | —   | —  |
| ROUNDING                   |       |     |       |     | 4    | —    | 3   | 30   | 5  | 4   |     | —    | 8     | 4      | 7   |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
|                            |       |     |       |     |      |      |     |      |    |     |     |      |       |        |     |    |
| TOTALS                     | 30112 | VAR | 1 1/4 |     | 1575 | 2750 | 95  | 8100 | 50 | 325 | 325 | 0.18 | 60200 | 103350 | 150 |    |

PROJECT  
ESSEX - WESTFORD

NO. HMA 2835.2832

כ"ט תשרי 17 תשנ"ח

## PROJECT LENGTHS AND ITEM QUANTITIES

| ITEM DESCRIPTION               |        |        |        |        |        |  |  |  |          |
|--------------------------------|--------|--------|--------|--------|--------|--|--|--|----------|
| POWER GRADER RENTAL            |        |        |        |        |        |  |  |  |          |
| ALC PUMPAGE EXCAVATORS TYPE 1  |        |        |        |        |        |  |  |  |          |
| DURABLE 24" STOP BAR           |        |        |        |        |        |  |  |  |          |
| DURABLE LETTER IN WELD MARKING |        |        |        |        |        |  |  |  |          |
| ITEM NO.                       | 608.15 | 608.25 | 608.37 | 646.40 | 646.44 |  |  |  |          |
| UNIT                           | HR     | HR     | HR     | LF     | EA     |  |  |  |          |
| ESSEX HMA                      | 30     | 25     | 10     |        |        |  |  |  |          |
| MM 0.00                        |        |        |        | 12     |        |  |  |  |          |
| MM 0.08                        |        |        |        |        | 6      |  |  |  | "SCHOOL" |
| MM 0.28                        |        |        |        |        | 6      |  |  |  | "SCHOOL" |
| WESTFORD                       | 10     | 10     | 5      |        |        |  |  |  |          |
| HMA 2832                       |        |        |        |        |        |  |  |  |          |
| TOTALS                         | 40     | 35     | 15     | 12     | 12     |  |  |  |          |

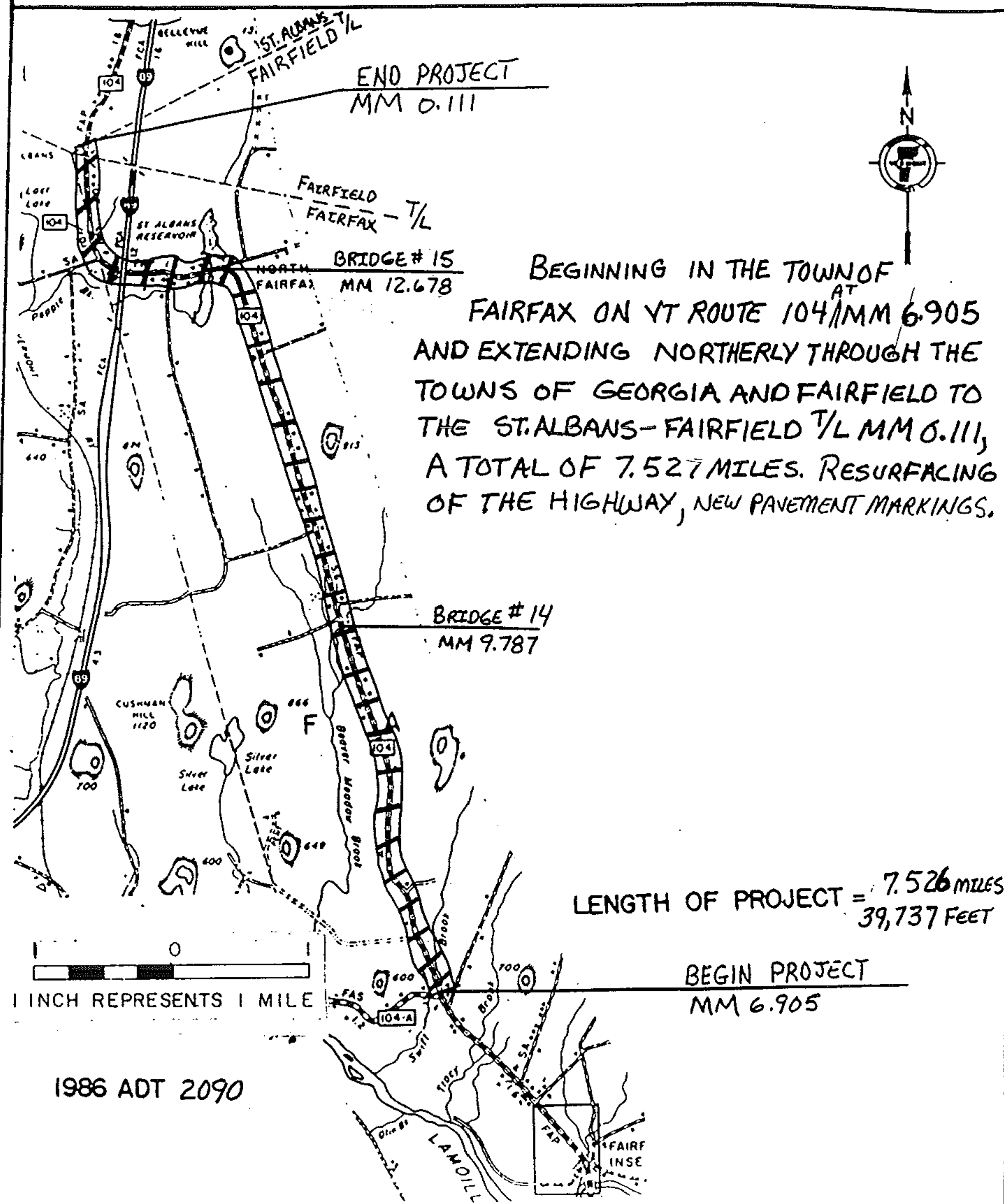
PROJECT ESSEX - WESTFORD

CZ

HMA 2835, 2832

18-19

# DESCRIPTION AND LOCATION



BEGINNING IN THE TOWN OF  
FAIRFAX ON VT ROUTE 104 MM 6.905  
AND EXTENDING NORTHERLY THROUGH THE  
TOWNS OF GEORGIA AND FAIRFIELD TO  
THE ST. ALBANS-FAIRFIELD T/L MM 0.111,  
A TOTAL OF 7.527 MILES. RESURFACING  
OF THE HIGHWAY, NEW PAVEMENT MARKINGS.

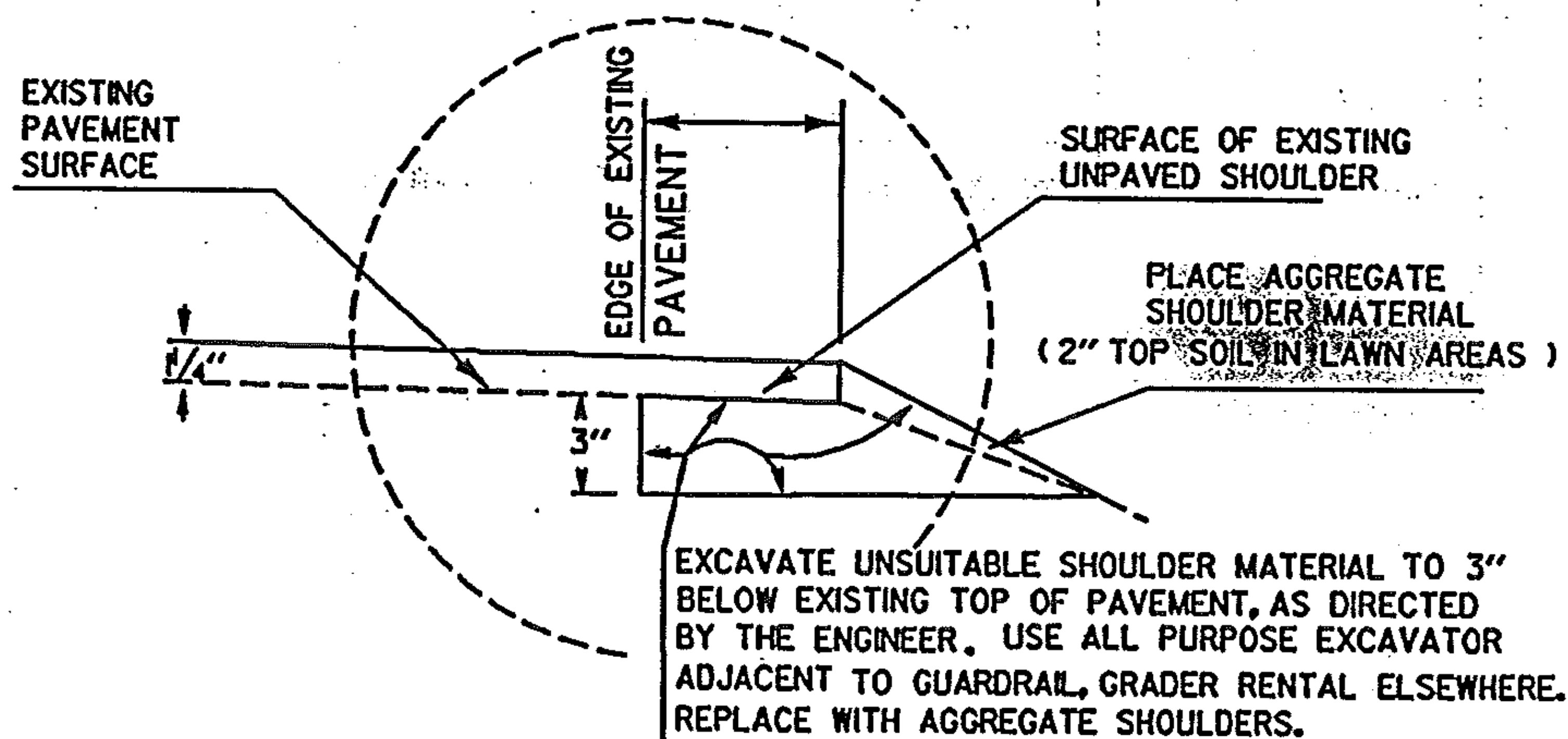
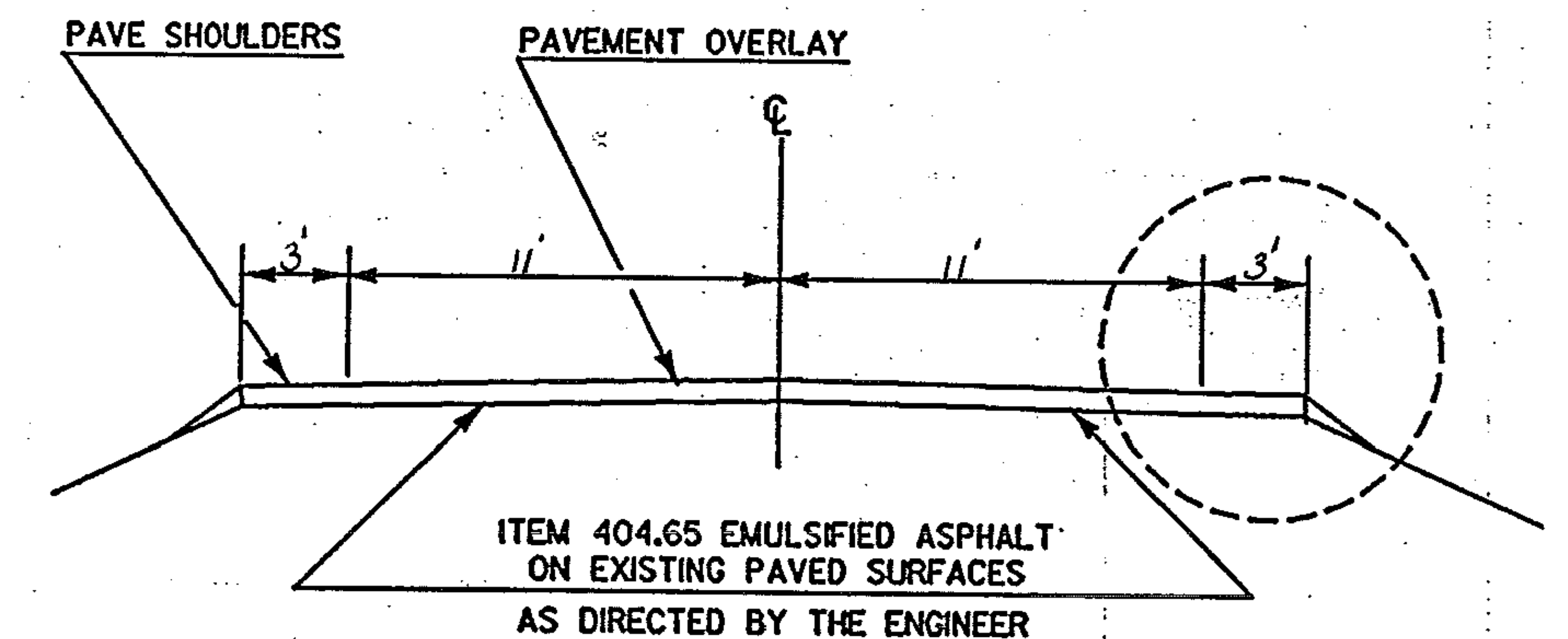
PROJECT FAIRFAX - GEORGIA - FAIRFIELD

NO. HMA 2836

SHEET 19 OF 60 SHEETS

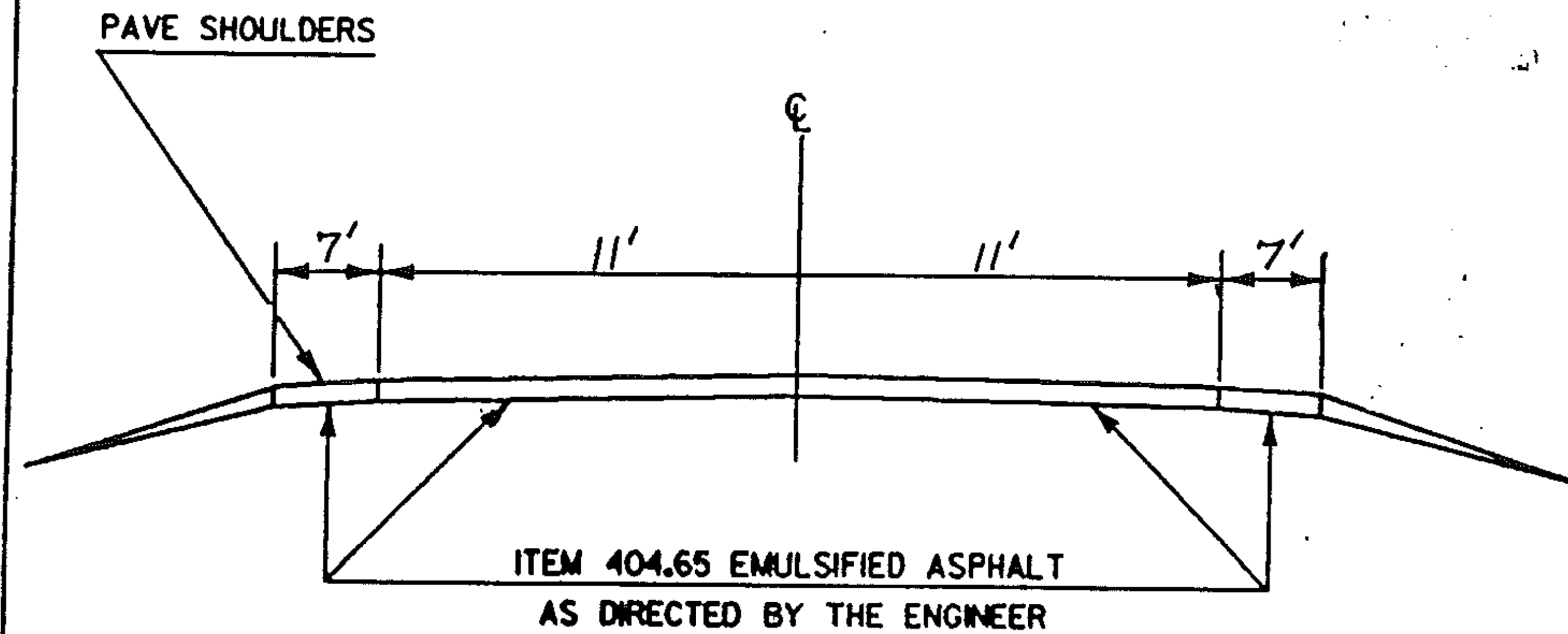
# TYPICAL SECTIONS & DESIGN DATA

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  
 VT. 104 FAIRFAX MM 6.905 ~ MM 12.29  
 MM 12.80 ~ MM 14.19



# TYPICAL SECTIONS & DESIGN DATA

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



VT 104 FAIRFAX MM 12.29 ~ MM 12.80

PROJECT FAIRFAX-GEORGIA-FAIRFIELD

NO. HMA 2836

SHEET 21 OF 60 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
AGGREGATE SHOULDERS ( $\pm 1/2"$ )

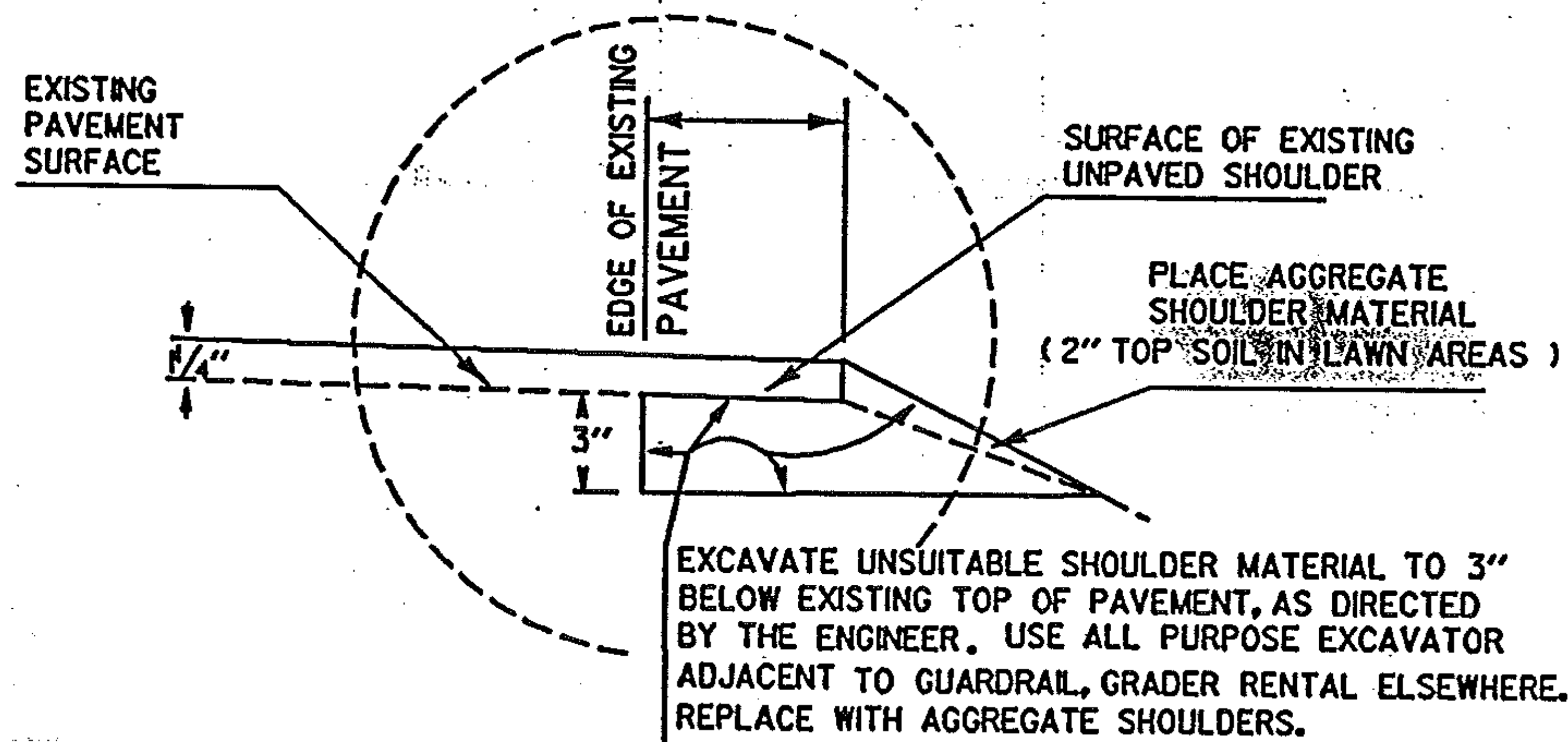
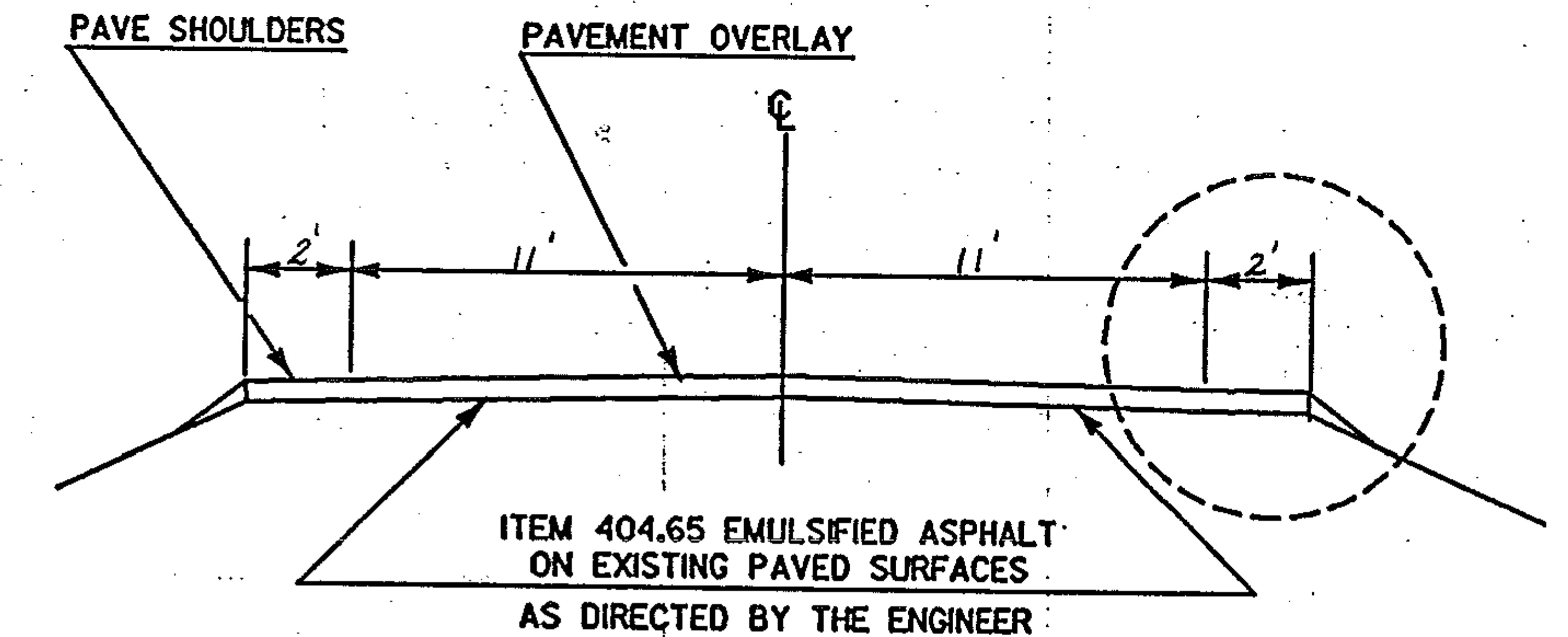
LEVELING COURSE TYPE IV (250 TONS/MILE)

1 1/4" WEARING COURSE TYPE III ( $\pm 1/4"$ )

AS DIRECTED BY THE ENGINEER

VT. 104 GEORGIA MM 0.000 ~ MM 0.130

FAIRFIELD MM 0.000 ~ MM 0.111



TEMPORARY 4" YELLOW LINE

|         | MILE  | MILE  | LT | RT |  | QUANTITY<br>LT | QUANTITY<br>C | QUANTITY<br>RT |  | TOTALS |
|---------|-------|-------|----|----|--|----------------|---------------|----------------|--|--------|
| FAIRFAX | 6.905 | 7.02  | S  | S  |  | 607            |               | 607            |  | 1214   |
|         | 7.02  | 7.16  | S  | S  |  | 739            |               | 739            |  | 1478   |
|         | 7.16  | 7.28  | S  | S  |  | 634            |               | 634            |  | 1268   |
|         | 7.28  | 7.40  | S  | S  |  | 634            |               | 634            |  | 1268   |
|         | 7.40  | 7.53  | S  | S  |  | 686            |               | 686            |  | 1372   |
|         | 7.53  | 7.64  | S  | S  |  | 581            |               | 581            |  | 1162   |
|         | 7.64  | 8.71  | S  | S  |  | 5650           |               | 5650           |  | 11300  |
|         | 8.71  | 8.84  | S  | D  |  | 686            |               | 172            |  | 858    |
|         | 8.84  | 9.29  | D  | D  |  |                | 594           |                |  | 594    |
|         | 9.29  | 9.41  | D  | S  |  | 158            |               | 634            |  | 792    |
|         | 9.41  | 9.64  | S  | S  |  | 1214           |               | 1214           |  | 2428   |
|         | 9.64  | 9.82  | S  | D  |  | 950            |               | 238            |  | 1188   |
|         | 9.82  | 10.03 | S  | S  |  | 1109           |               | 1109           |  | 2218   |
|         | 10.03 | 10.15 | S  | D  |  | 634            |               | 158            |  | 792    |
|         | 10.15 | 10.37 | D  | S  |  | 290            |               | 1162           |  | 1452   |
|         | 10.37 | 10.93 | S  | S  |  | 2957           |               | 2957           |  | 5914   |
|         | 10.93 | 11.09 | S  | D  |  | 845            |               | 211            |  | 1056   |
|         | 11.09 | 11.16 | D  | D  |  |                | 92            |                |  | 92     |
|         | 11.16 | 11.28 | D  | S  |  | 159            |               | 634            |  | 793    |
|         | 11.28 | 11.37 | S  | S  |  | 475            |               | 475            |  | 950    |
|         | 11.37 | 11.50 | S  | D  |  | 686            |               | 172            |  | 858    |
|         | 11.50 | 11.86 | D  | D  |  |                | 475           |                |  | 475    |
|         | 11.86 | 11.94 | S  | S  |  | 422            |               | 422            |  | 844    |
|         | 11.94 | 12.06 | D  | S  |  | 158            |               | 634            |  | 792    |
|         | 12.06 | 13.60 | S  | S  |  | 8131           |               | 8131           |  | 16262  |
| GEORGIA | 0.00  | 0.04  | S  | S  |  | 211            |               | 211            |  | 422    |

TEMPORARY 4" WHITE LINE

|  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

TEMPORARY 4" YELLOW LINE

[illegible]

TEMPORARY 4" WHITE LINE

|                  |       |        |   |   |  |       |  |          |   |       |
|------------------|-------|--------|---|---|--|-------|--|----------|---|-------|
| <u>FAIRFAX</u>   | 6.90S | 14.191 | S | S |  | 38470 |  | 38470    | : | 76940 |
| <u>GEORGIA</u>   | 0.000 | 0.130  | S | S |  | 686   |  | 686      |   | 1372  |
| <u>FAIRFIELD</u> | 0.000 | 0.111  | S | S |  | 587   |  | 587      |   | 1174  |
|                  |       |        |   |   |  |       |  |          |   |       |
|                  |       |        |   |   |  |       |  | SUBTOTAL | = | 79486 |
|                  |       |        |   |   |  |       |  | ROUNDING | = | 14    |
|                  |       |        |   |   |  |       |  |          |   |       |
|                  |       |        |   |   |  |       |  | TOTAL    |   | 79500 |

PROJECT FAIRFAX-GEORGIA-FAIRFIELD

NO. 2836  
SHEET 24 OF 60 SHEETS

## PROJECT LENGTHS AND ITEM QUANTITIES

| ITEM DESCRIPTION                |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
|---------------------------------|-------|-------|-----|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OPTION                          |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| GRAVEL SHOULDERS                |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| BITUMINOUS ASPHALT              |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| UNIFORMED CONCRETE PAVEMENT     |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| POWER BROOM RENTAL              |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| FLAGGERS                        |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| MOBILIZATION                    |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| TEMP 4" WHITE LINE              |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| TEMP 4" YELLOW LINE             |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| TOPSOIL                         |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| ITEM NO.                        | UNIT  | FT.   | FT. | IN.   | 402.10 | 402.12 | 404.65 | 406.25 | 608.30 | 630.10 | 630.15 | 635.10 | 646.50 | 646.51 | 651.35 |
|                                 |       |       |     |       | CY     | TON    | CWT    | TON    | HR     | HR     | HR     | LS     | LF     | LF     | CY     |
| FAIRFAX                         |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| MM 6.905                        | 28433 | 28    |     | 1 1/4 | 1580   | 2765   | 87     | 6133   | 43     | 299    | 299    |        | 28433  | 81836  | 135    |
| MM 12.29                        |       |       |     |       |        |        |        | 1346   |        |        |        |        |        |        |        |
|                                 |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| MM 12.29                        | 2693  | 36    |     | 1 1/4 | 116    | 203    | 8      | 747    | 4      | 35     | 35     |        | 2693   | 32444  | 13     |
| MM 12.80                        |       |       |     |       |        |        |        | 128    |        |        |        |        |        |        |        |
|                                 |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| MM 12.80                        | 7339  | 28    |     | 1 1/4 | 408    | 712    | 22     | 1583   | 11     | 77     | 77     |        | 7344   | 10716  | 35     |
| MM 14.191                       |       |       |     |       |        |        |        | 348    |        |        |        |        |        |        |        |
|                                 |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
|                                 |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| GEORGIA<br>MM 0.00 ~ MM 6.13    | 1272  | 26    |     | 1 1/4 | 47     | 82     | 4      | 255    | 2      | 13     | 13     |        | 1372   | 2032   | 6      |
| FAIRFIELD<br>MM 6.13 ~ MM 10.00 |       |       |     |       |        |        |        | 60     |        |        |        |        | 1174   | 2178   |        |
|                                 |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
|                                 |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| DRIVES<br>& APPROACHES          |       |       |     |       | 35     | 61     | —      | 35     | —      | —      | —      | —      | —      | —      | .5     |
| ROUNDING                        |       |       |     |       | 14     | 27     | 4      | 65     | 5      | 1      | 1      | —      | 14     | 4      | 6      |
|                                 |       |       |     |       |        |        |        |        |        |        |        |        |        |        |        |
| TOTALS                          | 39737 | VARYS |     | 1 1/4 | 2200   | 3850   | 125    | 10700  | 65     | 425    | 425    | 0.24   | 79500  | 129210 | 200    |

PROJECT  
FAIRFAX - GEORGIA - FAIRFIELD
$$\frac{O}{N}$$

9382 4441

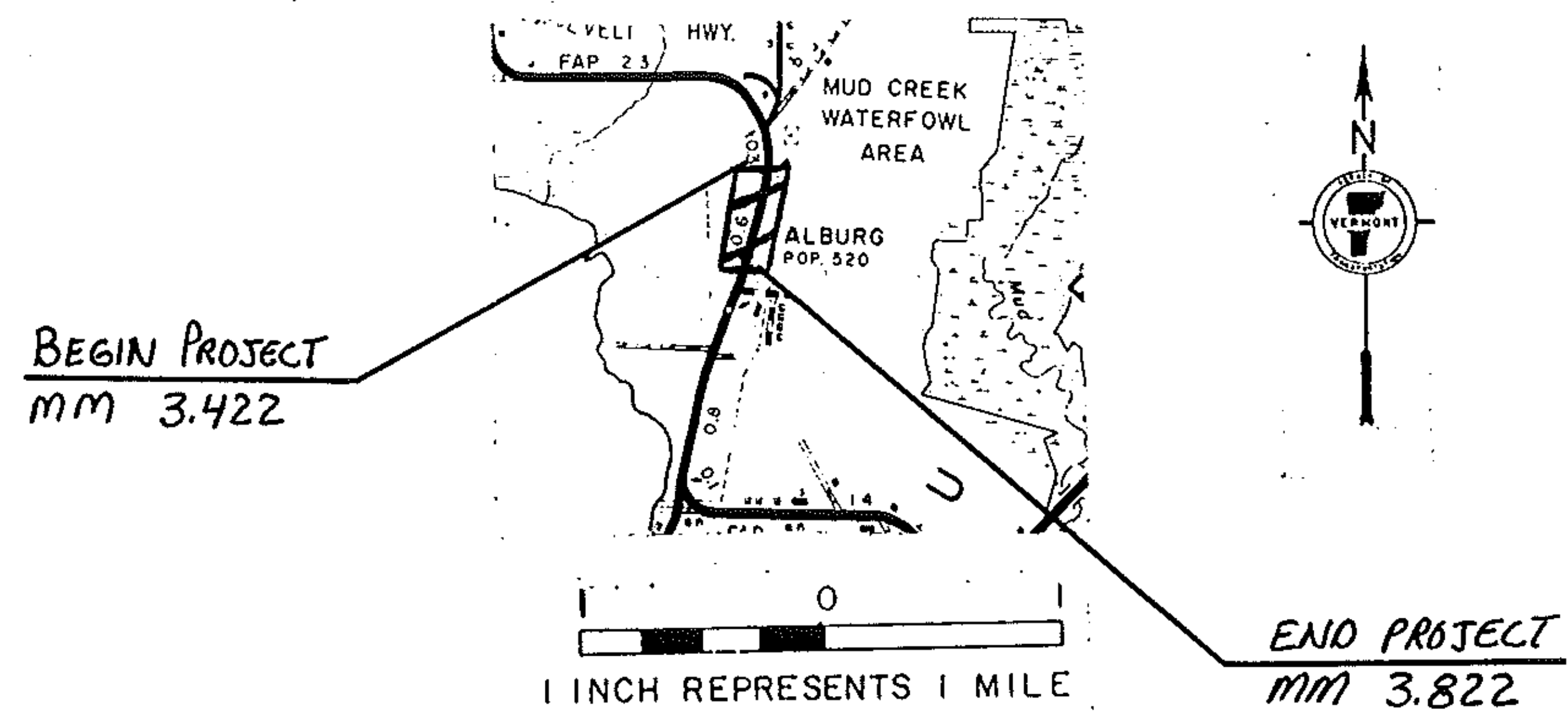
SHEET 25 OF 60 SHEETS

|                              |
|------------------------------|
| TRUCK RENTAL                 |
| ALL PURPOSE EXCAVATOR RENTAL |
| LOWER GRADE RENTAL           |
| TYPE 1                       |

[illegible]

09-25-60

# DESCRIPTION AND LOCATION



BEGINNING IN THE TOWN OF ALBURG AT MM 3.422  
ON US2, AND EXTENDING SOUTHERLY 0.400 MILES TO MM 3.822.  
RESURFACING AND NEW PAVEMENT MARKINGS.

LENGTH : 0.400 MILES  
2112 FEET

1984 AOT : 4230

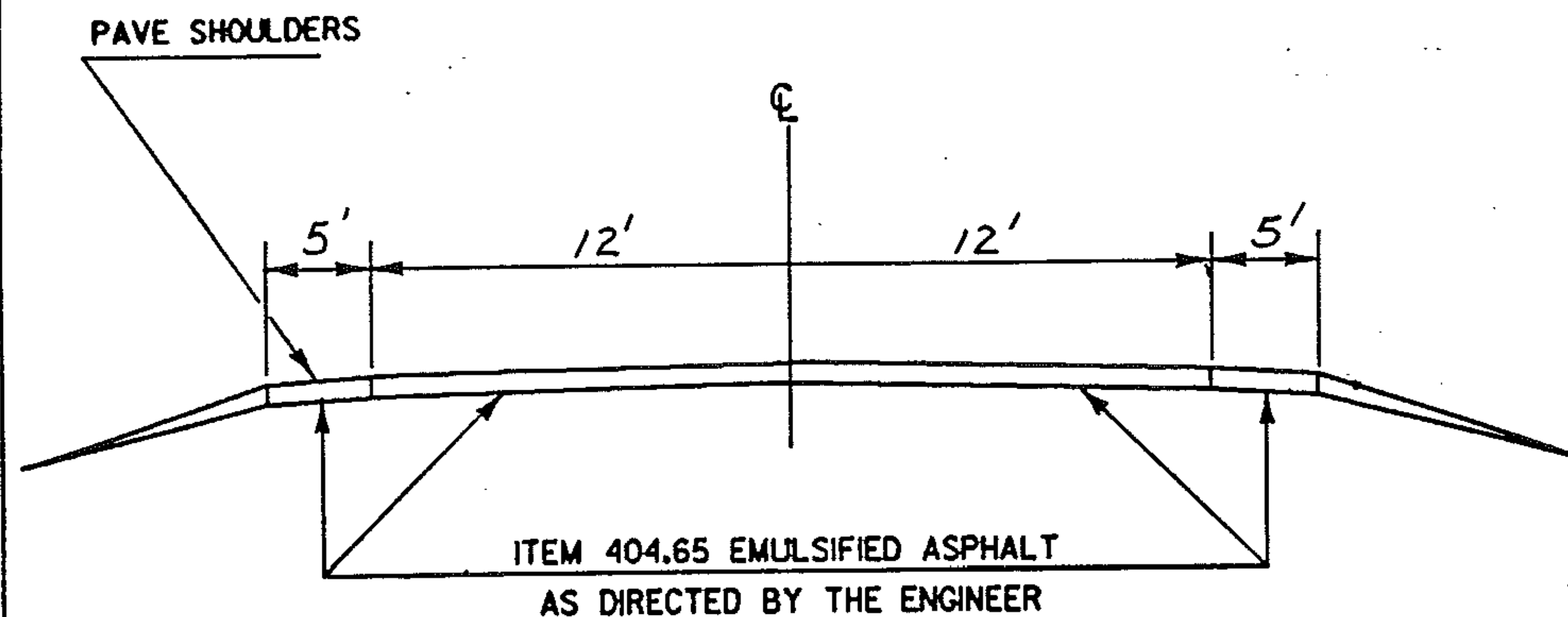
PROJECT ALBURG

NO. HMA 2846

SHEET 26 OF 60 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
LEVELING COURSE TYPE IV (385 TONS/MILE )  
1 1/2" WEARING COURSE TYPE III (± 1/4")  
AS DIRECTED BY THE ENGINEER



US 2 ALBURG MM 3.422 ~ MM 3.822

PROJECT ALBURG

NO. HMA 2846

SHEET 27 OF 60 SHEETS

TEMPORARY 4" YELLOW LINE

| MILE  | MILE  | LT | RT |                                     | QUANTITY<br>LT | QUANTITY<br>Q | QUANTITY<br>RT | TOTALS     |
|-------|-------|----|----|-------------------------------------|----------------|---------------|----------------|------------|
| 3.422 | 3.49  | S  | S  |                                     | 359            |               | 359            | 718        |
| 3.49  | 3.822 | S  | S  |                                     | 1753           |               | 1753           | 3506       |
|       |       |    |    |                                     |                |               | SUBTOTAL       | = 4224     |
|       |       |    |    | 100% LOSS DUE TO LEVELING - ASSUMED |                |               |                | = 4224     |
|       |       |    |    |                                     |                |               | SUBTOTAL       | = 8448     |
|       |       |    |    |                                     |                |               | ROUNDING       | = 2        |
|       |       |    |    |                                     |                |               | TOTAL          | 8450       |
|       |       |    |    | DURABLE LETTERS "SCHOOL"            | MM 3.76 Rt.    |               |                | 16 LETTERS |

TEMPORARY 4" WHITE LINE

[illegible]PROJECT ALBURG

NO. HMA 2846

SHEET 28 OF 60 SHEETS

# PROJECT LENGTHS AND ITEM QUANTITIES

[illegible]

PROJECT \_\_\_\_\_  
ALBURG \_\_\_\_\_  
NO. HMA 2846 SHEET 29 OF 60 SHEETS

## PROJECT LENGTHS AND ITEM QUANTITIES

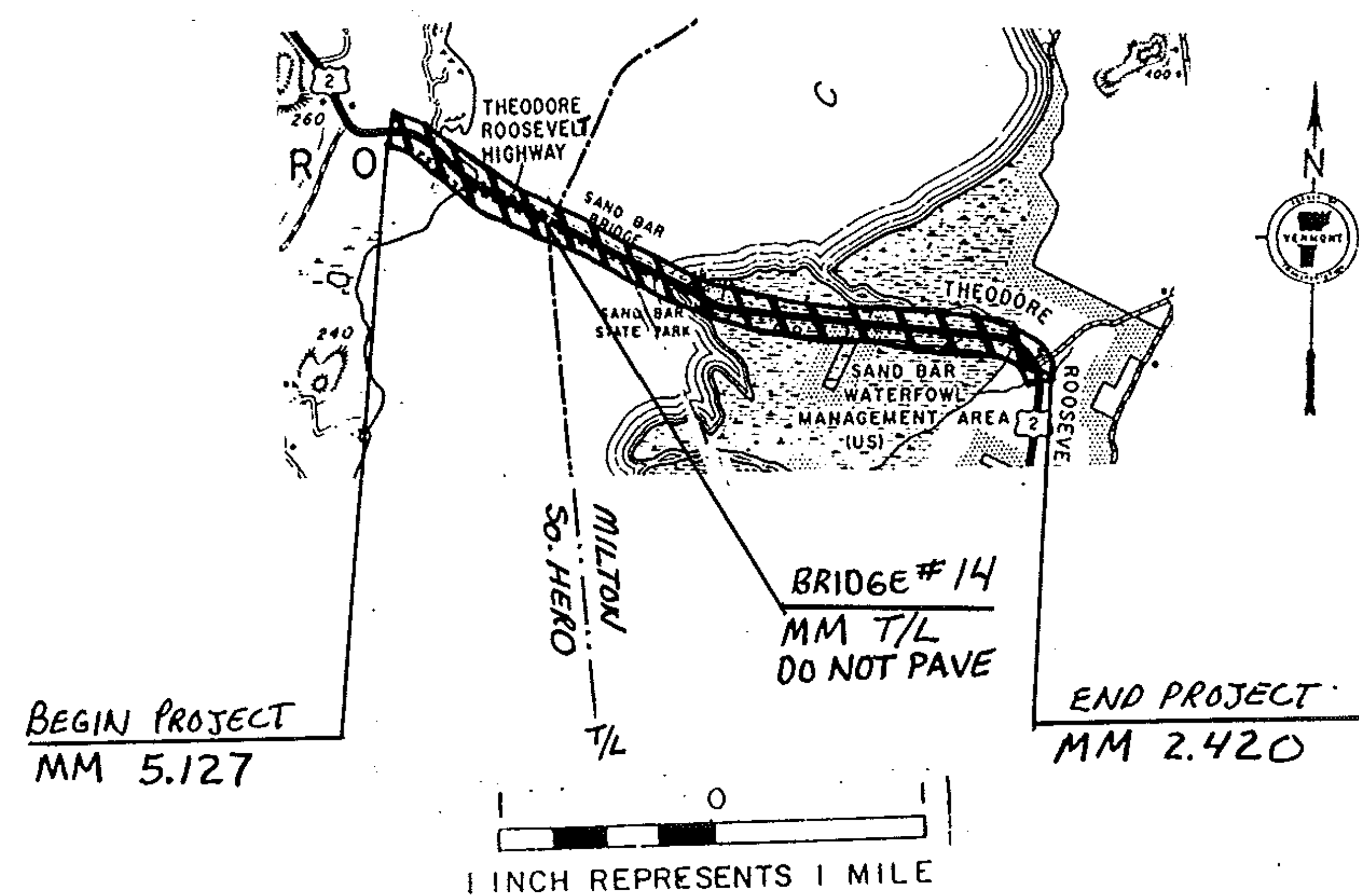
NO  
DURABLE LETTER IN WORD MARKING

ITEM DESCRIPTION

| ITEM NO. | UNIT |
|----------|------|
| 646.44   | EA   |
| MM 3.76  | 6    |
| TOTAL    | 6    |

|                |               |            |                 |                           |
|----------------|---------------|------------|-----------------|---------------------------|
| <u>PROJECT</u> | <u>ALBURS</u> | <u>NO.</u> | <u>HMA 2846</u> | <u>SHFFT30 NEGO SHFTS</u> |
|----------------|---------------|------------|-----------------|---------------------------|

# DESCRIPTION AND LOCATION



BEGINNING IN THE TOWN OF SO. HERO AT MM 5.127 ON US2, AND EXTENDING EAST 3.174 MILES TO MM 2.42 IN THE TOWN OF MILTON. RESURFACING AND NEW PAVEMENT MARKINGS.

LENGTH : 3.174 MILES  
16759 FEET

1984 ADT: 5290

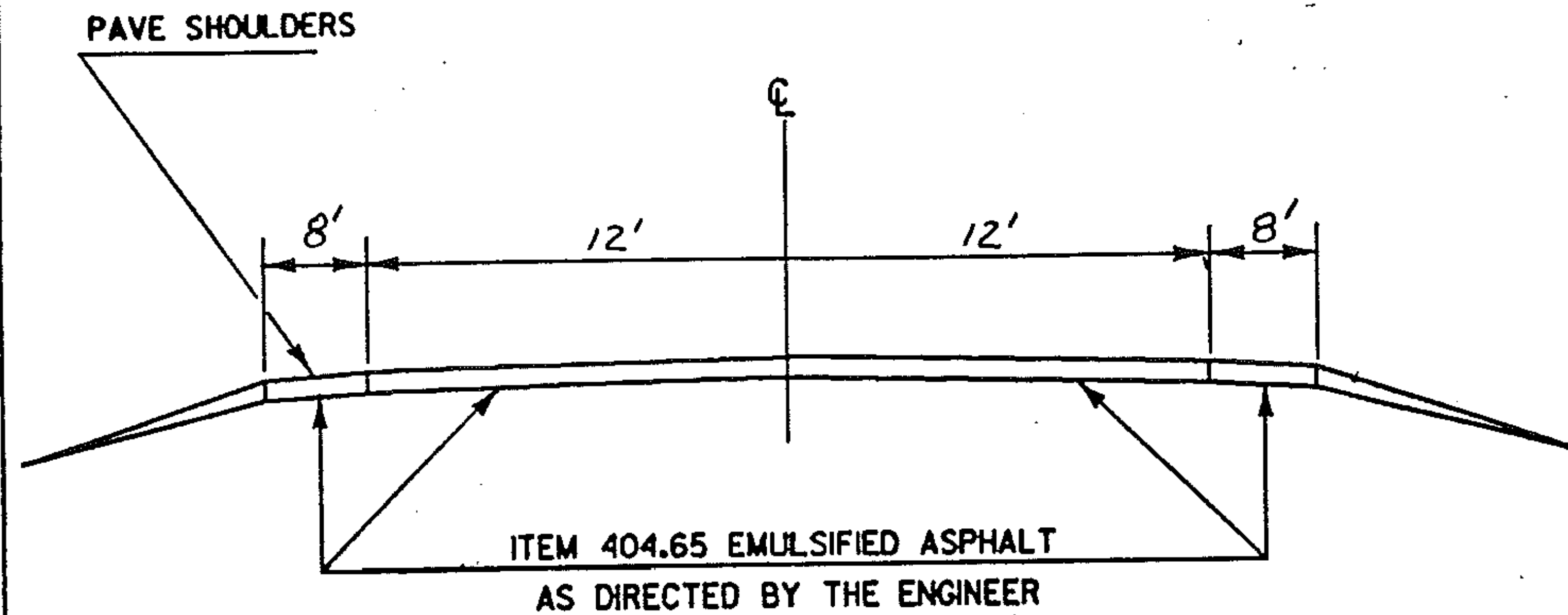
PROJECT So. Hero - Milton

NO. HMA 2850

SHEET 31 OF 60 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
LEVELING COURSE TYPE IV (45 STONS/MILE )  
1/2" WEARING COURSE TYPE III ( $\pm 1/4$ ")  
AS DIRECTED BY THE ENGINEER



US 2 So. HERO MM 5.127 ~ MILTON MM 2.420

PROJECT So. HERO - MILTON

NO. HMA 2850

SHEET 32 OF 60 SHEETS

TEMPORARY 4" YELLOW LINE

[illegible]

TEMPORARY 4" WHITE LINE

[illegible]

PROJECT So. HERO - MILTON.

NO. HMA 2850

SHEET 33 OF 60 SHEETS

## PROJECT LENGTHS AND ITEM QUANTITIES

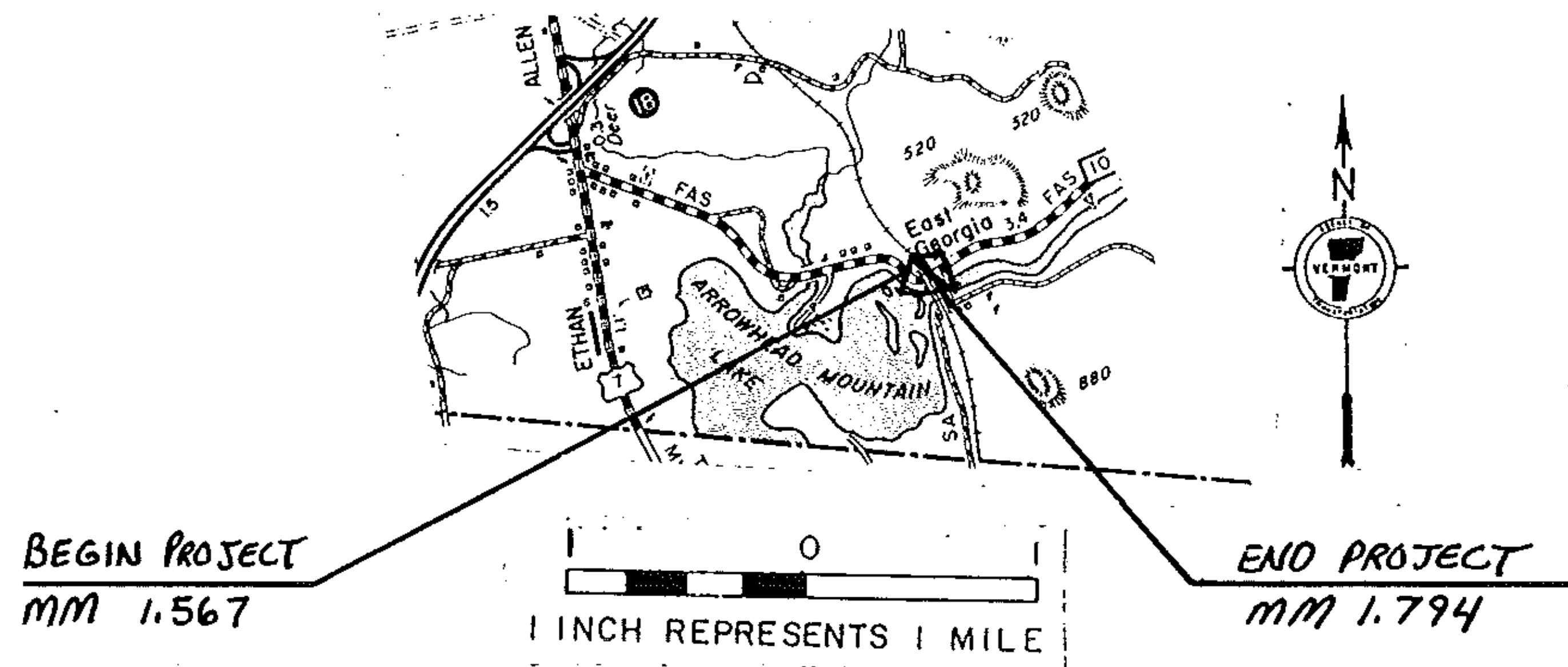
| ITEM DESCRIPTION             |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|------------------------------|-------|-----|-------|-----|-----|-----|------|----|-----|-----|----|-------|-------|----|------------------------------------|
| OPTION                       |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| OVERLAY DEPTH                |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| GRVEL SHOULDER               |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| EMULSIFIED ASPHALT           |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| BITUMINOUS CONCRETE PAVEMENT |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| UNIFORMED TRAFFIC OFFICERS   |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| FLAGGERS                     |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| MOBILIZATION                 |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| TEMP 4" WHITE LINE           |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| TOPSOIL                      |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| ITEM NO.                     | FT.   | FT. | IN.   | CY  | TON | CWT | TON  | HR | HR  | HR  | LS | LF    | LF    | CY |                                    |
| UNIT                         |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| So. HERO                     |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| MILTON                       |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| HMA 2850                     |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| mm 5.127                     | 16759 | 40  | 1 1/2 | 206 | 360 | 93  | 6207 | 25 | 384 | 384 |    | 32346 | 21214 | 79 | INCLUDES SHOULDERS<br>LEVEL COURSE |
| mm 2.420                     |       |     |       |     |     |     | 1444 |    |     |     |    |       |       |    | PULL OFFS AT MM 0.415              |
|                              |       |     |       |     |     |     | 25   |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
| DRIVES & APPROACHES          |       |     |       | 10  | 18  |     | 25   |    |     |     |    |       |       |    |                                    |
| ROUNDING                     |       |     |       | 4   | 7   | 2   | 9    | 5  | 6   | 6   |    | 4     | 6     | 1  |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |
|                              |       |     |       |     |     |     |      |    |     |     |    |       |       |    |                                    |

PROJECT So. HERO - M. LTON.

NO. HMA 2850

SHEET 34 OF 60 SHEETS

# DESCRIPTION AND LOCATION



BEGINNING IN THE TOWN OF GEORGIA ON VT. RT.  
104-A AT MM 1.567 AND EXTENDING EAST FOR 0.227 MILES TO  
MM 1.794. RESURFACING AND NEW PAVEMENT MARKINGS.

LENGTH: 0.227 MILES  
1199 FEET

1984 ADT: 1530

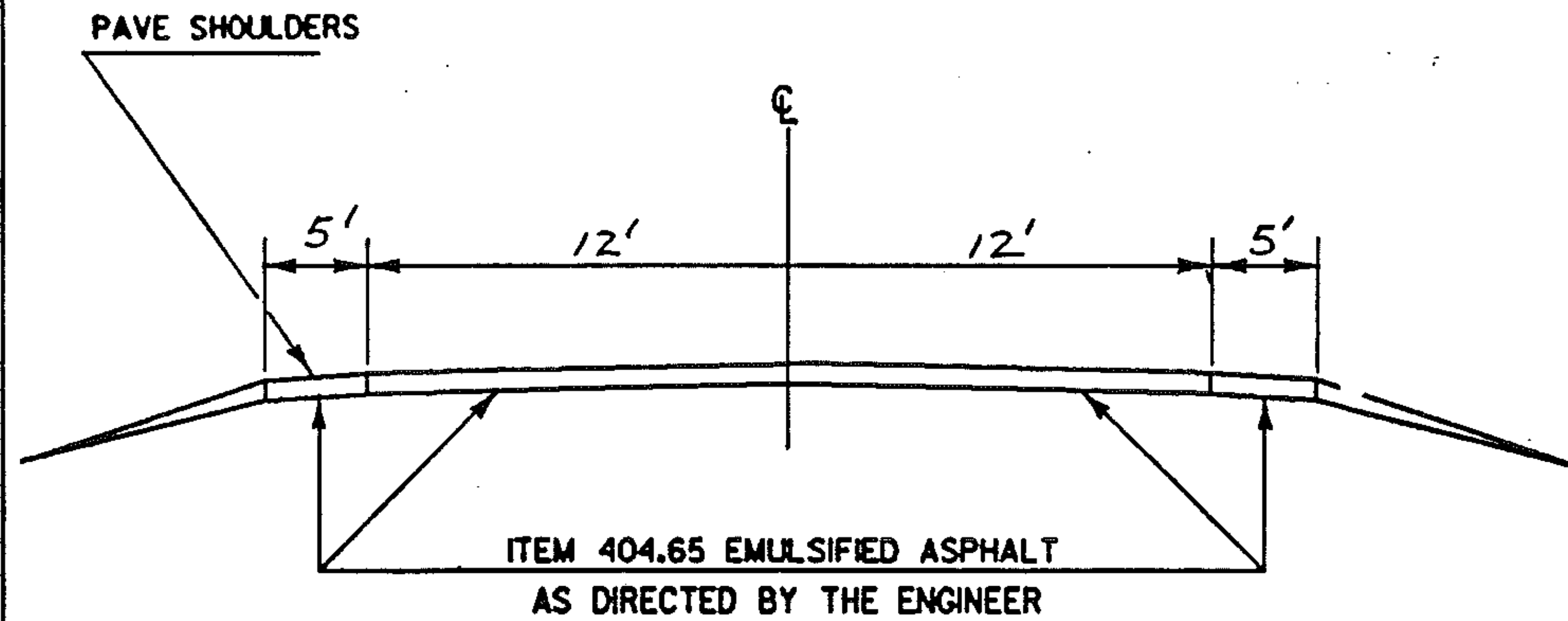
PROJECT GEORGIA

NO. HMA 2854

SHEET 35 OF 60 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
LEVELING COURSE TYPE IV (385 TONS/MILE )  
1 1/4" WEARING COURSE TYPE III (± 1/4")  
AS DIRECTED BY THE ENGINEER



VT 104-A GEORGIA MM 1.567 ~ MM 1.794

PROJECT GEORGIA

NO. HMA 2854

SHEET 36 OF 66 SHEETS

TEMPORARY 4" YELLOW LINE

[illegible]

TEMPORARY 4" WHITE LINE

[illegible]PROJECT GEORGIA

NO. HMA 2854

SHEET 37 OF 60 SHEETS

## PROJECT LENGTHS AND ITEM QUANTITIES

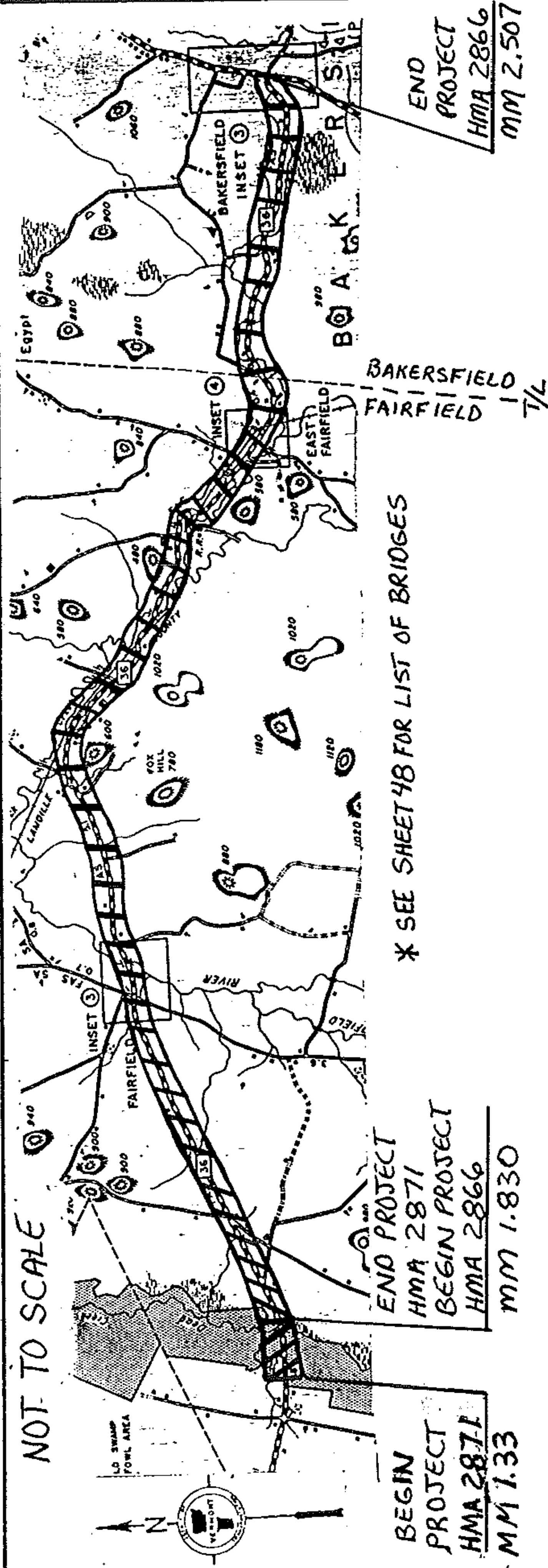
[illegible]PROJECT GEORGINA

o.  
n

44MA 2854

SHEET 38 OF 60 SHEETS

DESCRIPTION AND LOCATION



BEGINNING IN THE TOWN OF FAIRFIELD AT MM 1.33 ON Vt. Route 36  
(HMA 2871) AND EXTENDING EAST 0.50 MILES TO MM 1.830. BEGINNING  
IN THE TOWN OF FAIRFIELD AT MM 1.830 (HMA 2866) AND EXTENDING  
EAST 10.667 MILES TO MM 2.507 IN THE TOWN OF BAKERSFIELD, ON Vt. Route 36.  
RESURFACING AND NEW PAVEMENT MARKINGS.

HMA 2871 1984 ADT: 1480  
LENGTH : 0.50 MILES  
2640 FEET

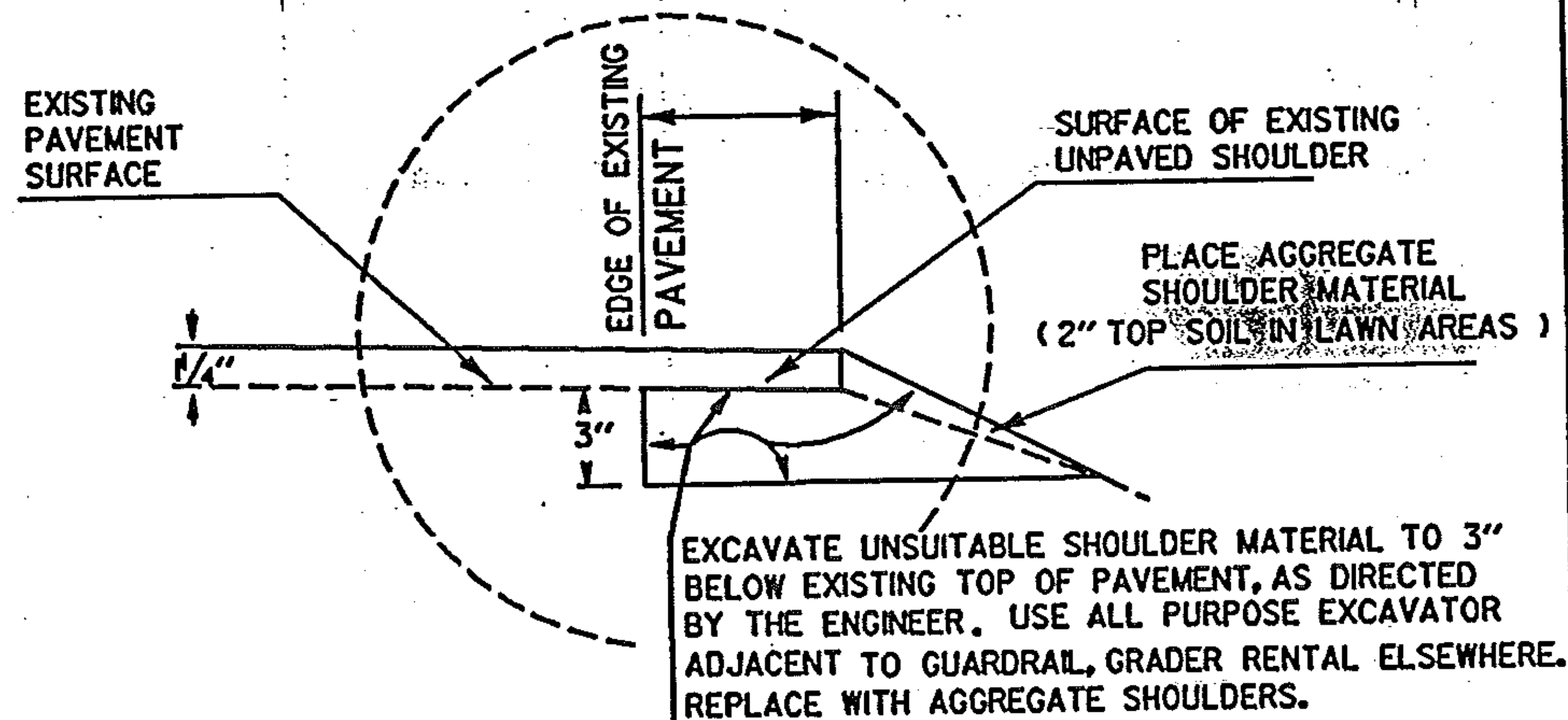
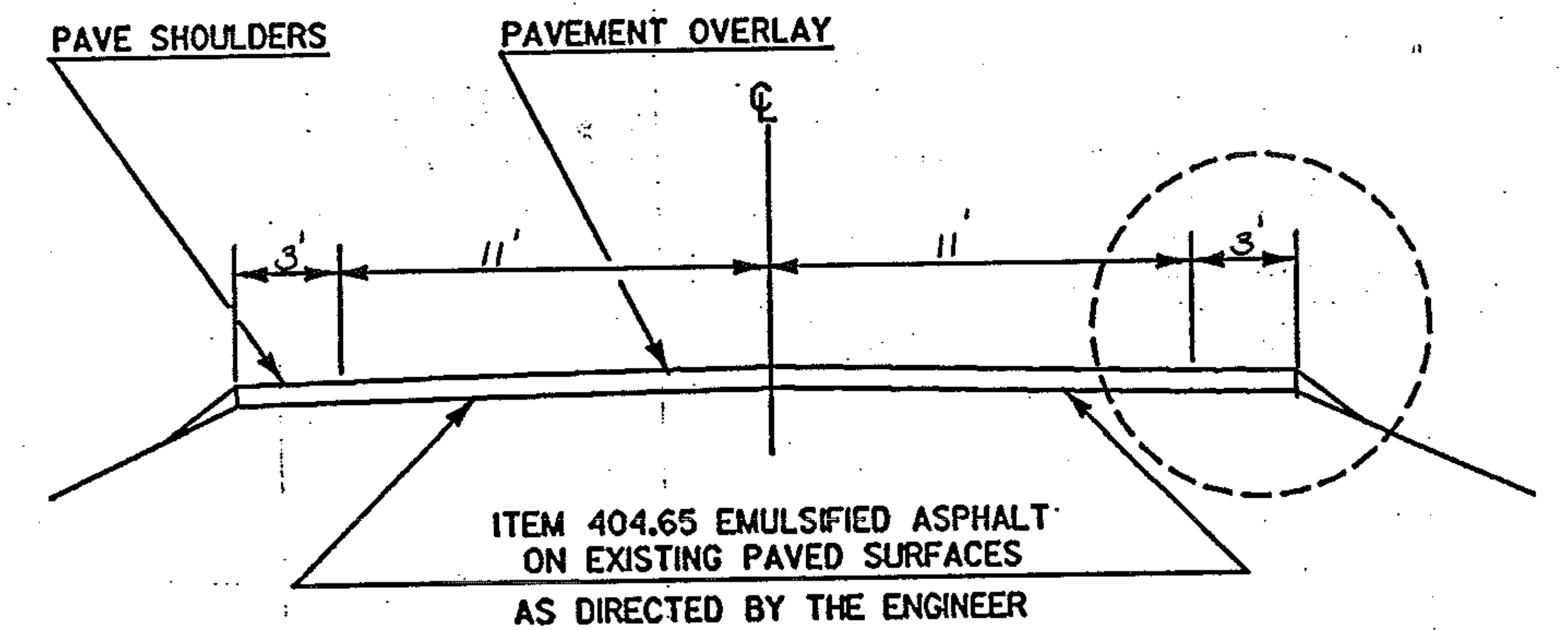
HMA 2866 1984 ADT: 1280  
LENGTH : 10.687 MILES  
56,428 FEET

PROJECT FAIRFIELD - BAKERSFIELD

NO. HMA 2866, 2871  
SHEET 39 OF 60 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
 AGGREGATE SHOULDERS ( $\pm 1/2"$ )  
 LEVELING COURSE TYPE IV (315 TONS/MILE)  
 1 1/4" WEARING COURSE TYPE III ( $\pm 1/4"$ )  
 AS DIRECTED BY THE ENGINEER  
 VT. 36 FAIRFIELD MM 1.33 ~ MM 1.830



PROJECT FAIRFIELD

NO. HMA 2871

SHEET 40 OF 60 SHEETS

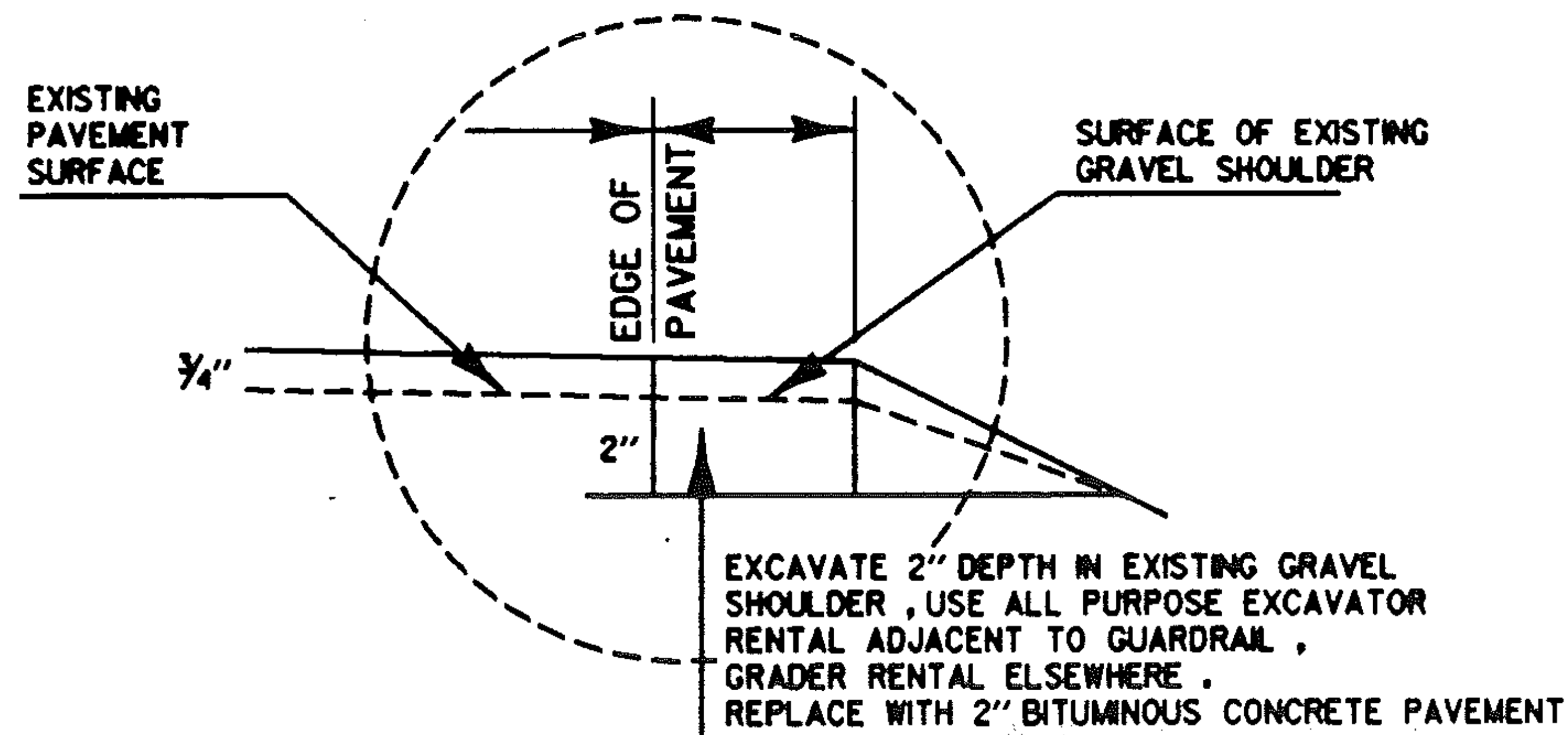
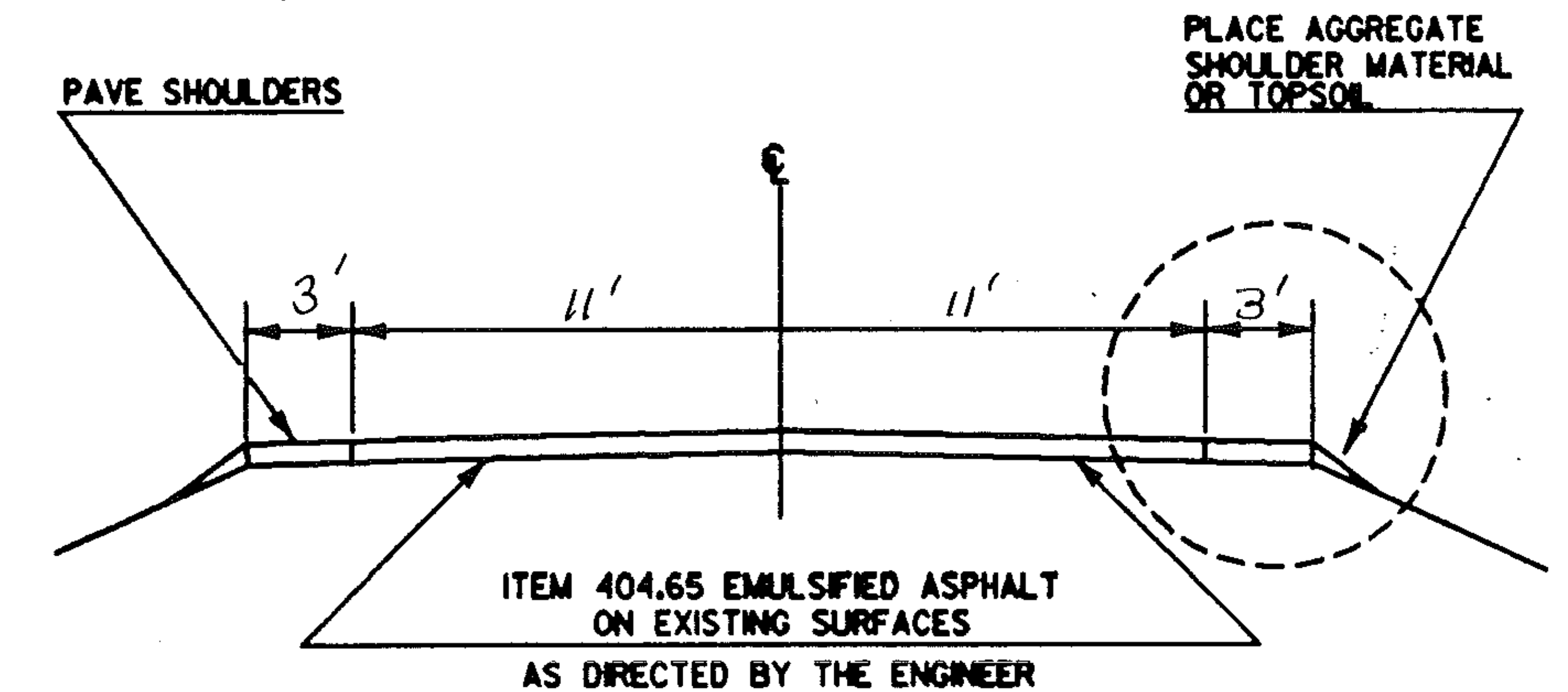
# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
LEVELING COURSE TYPE IV (320 TONS/MILE)

1/4" WEARING COURSE TYPE III (±1/4")

AS DIRECTED BY THE ENGINEER

VT. 36 FAIRFIELD MM 1.830 ~ MM 7.958



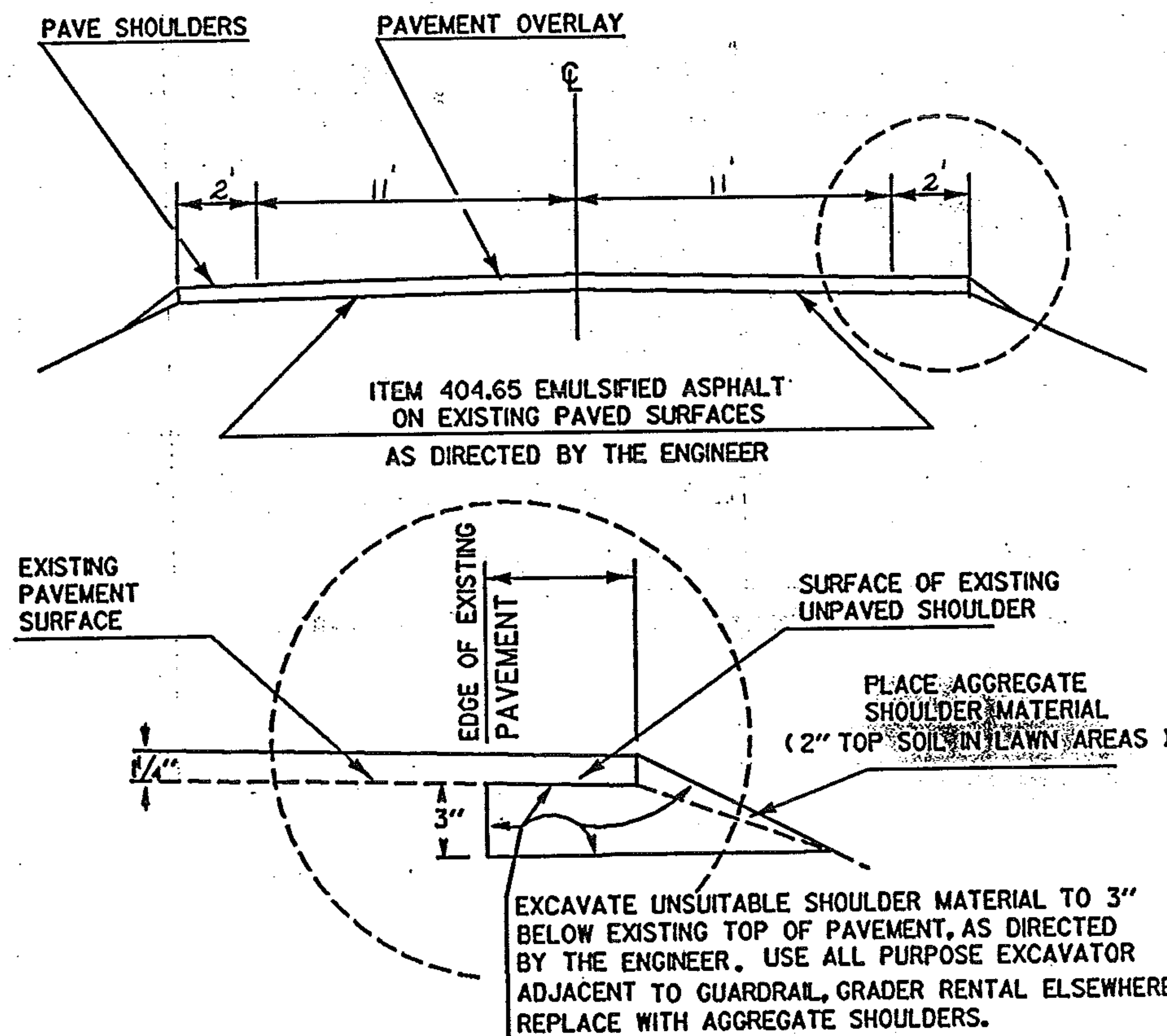
PROJECT FAIRFIELD-BAKERSFIELD

NO. HMA 2866

SHEET 41 OF 60 SHEETS

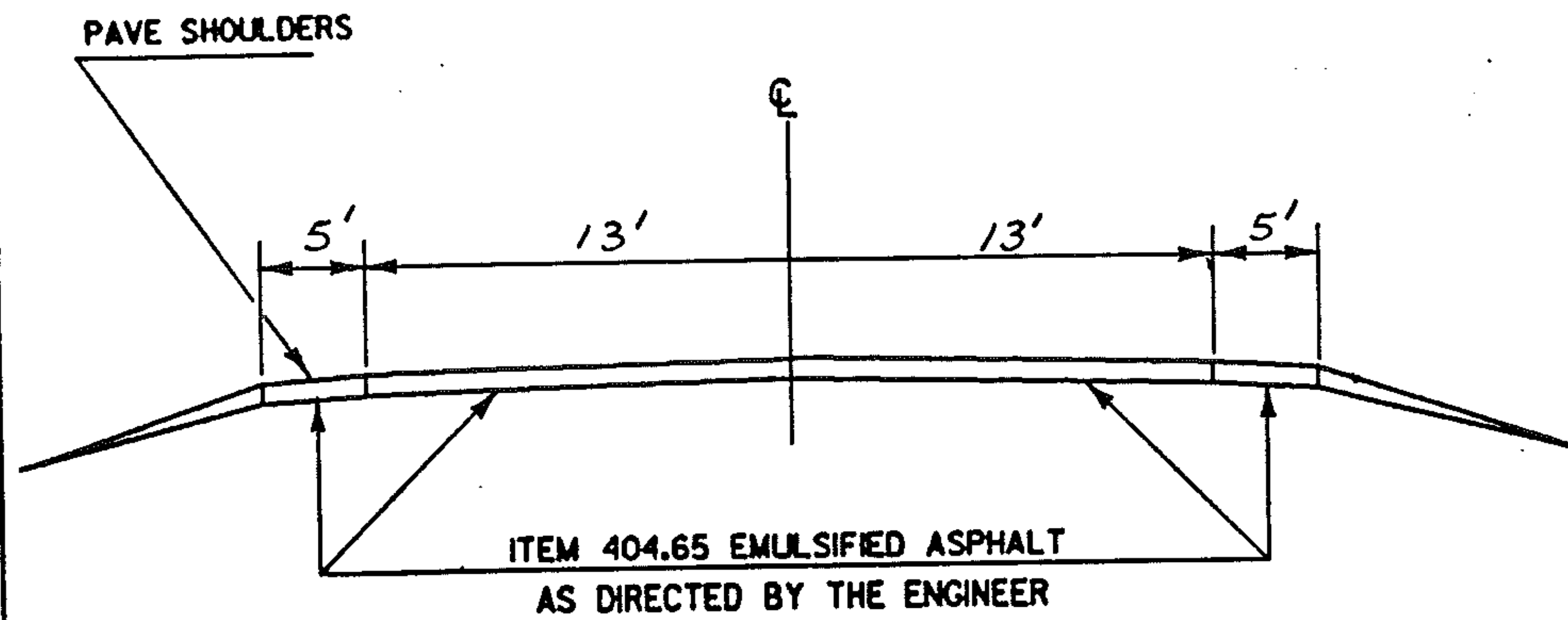
# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
 AGGREGATE SHOULDERS ( $\pm 1/2"$ )  
 LEVELING COURSE TYPE IV (295 TONS/MILE)  
 1 1/4" WEARING COURSE TYPE III ( $\pm 1/4"$ )  
 AS DIRECTED BY THE ENGINEER  
 VT 36 FAIRFIELD MM 7.958 ~ MM 9.444



# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
LEVELING COURSE TYPE IV (410 TONS/MILE )  
1 1/4" WEARING COURSE TYPE III ( $\pm 1/4"$ )  
AS DIRECTED BY THE ENGINEER



VT. 36 FAIRFIELD MM 9.444 ~ MM 9.572

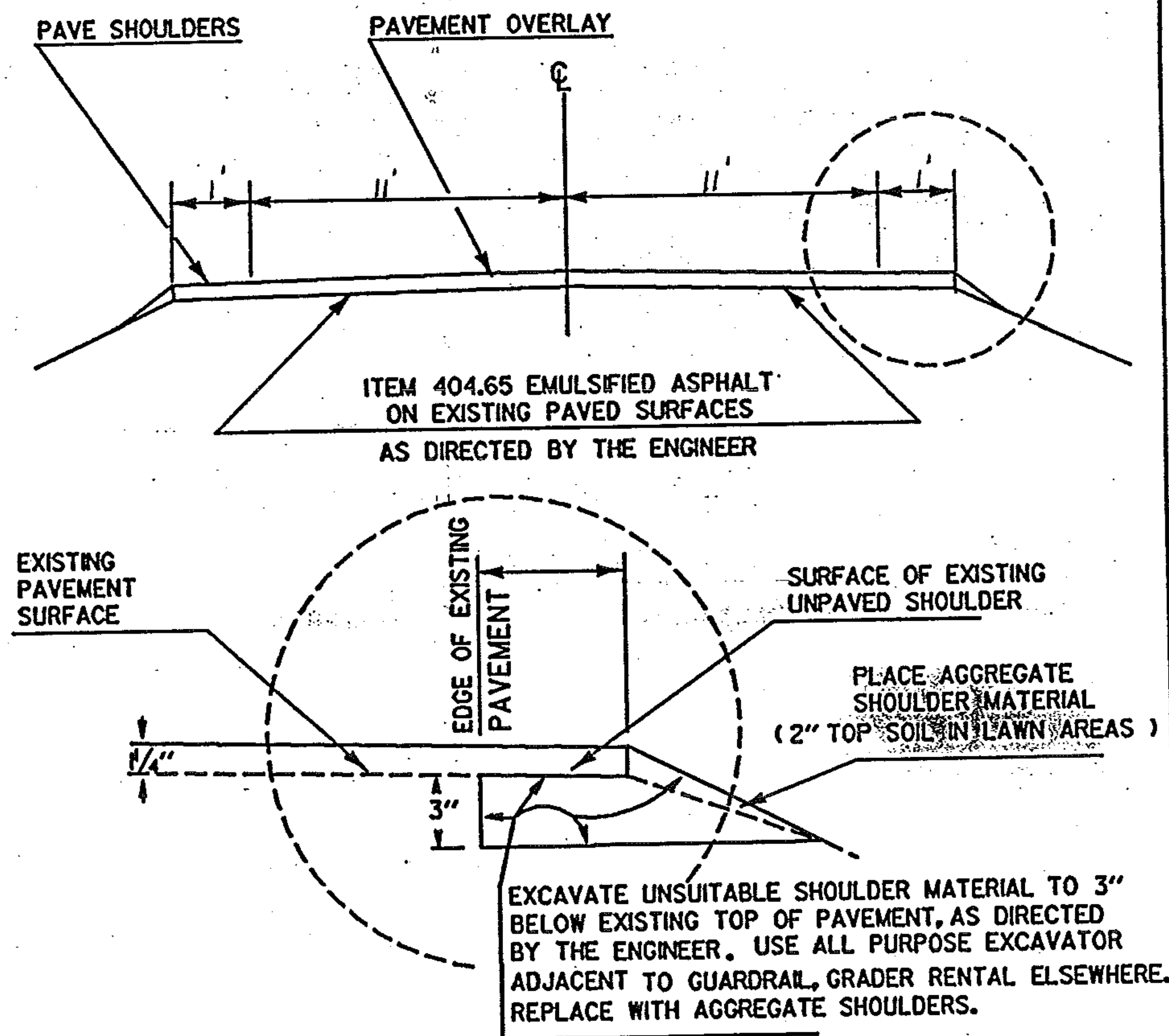
PROJECT FAIRFIELD - BAKERSFIELD

NO. HMA 2866

SHEET 43 OF 60 SHEETS

# TYPICAL SECTIONS & DESIGN DATA

ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT  
 AGGREGATE SHOULDERS ( $\pm 1/2"$ )  
 LEVELING COURSE TYPE IV ( TONS/MILE )  
 1 1/4" WEARING COURSE TYPE III ( $\pm 1/4"$ )  
 AS DIRECTED BY THE ENGINEER  
 VT. 36 FAIRFIELD MM 9.572 ~ BAKERSFIELD MM 2.507



TEMPORARY 4" YELLOW LINE

[illegible]

TEMPORARY 4" WHITE LINE

[illegible]PROJECT FAIRFIELD

NO. HMA 2871

SHEET 45 OF 60 SHEETS

# TEMPORARY 4" YELLOW LINE

|  | MILE | MILE  | LT | RT |  | QUANTITY<br>LT | QUANTITY<br>C | QUANTITY<br>RT |  | TOTALS |
|--|------|-------|----|----|--|----------------|---------------|----------------|--|--------|
|  | 1.83 | 1.86  | S  | D  |  | 158            |               | 40             |  | 198    |
|  | 1.86 | 1.96  | D  | S  |  | 158            |               | 634            |  | 792    |
|  | 1.96 | 2.02  | S  | S  |  | 211            |               | 211            |  | 422    |
|  | 2.02 | 2.13  | S  | D  |  | 581            |               | 145            |  | 726    |
|  | 2.13 | 2.45  | D  | D  |  |                | 422           |                |  | 422    |
|  | 2.45 | 2.55  | D  | S  |  | 159            |               | 634            |  | 793    |
|  | 2.55 | 3.30  | S  | S  |  | 3854           |               | 3854           |  | 7708   |
|  | 3.30 | 3.43  | S  | D  |  | 686            |               | 171            |  | 857    |
|  | 3.43 | 3.57  | D  | S  |  | 211            |               | 845            |  | 1056   |
|  | 3.57 | 5.01  | S  | S  |  | 7498           |               | 7498           |  | 14996  |
|  | 5.01 | 5.15  | S  | D  |  | 739            |               | 185            |  | 924    |
|  | 5.15 | 5.31  | D  | S  |  | 211            |               | 845            |  | 1056   |
|  | 5.31 | 6.78  | S  | S  |  | 7762           |               | 7762           |  | 15524  |
|  | 6.78 | 6.92  | S  | S  |  | 185            |               | 739            |  | 924    |
|  | 6.92 | 7.29  | S  | S  |  | 1954           |               | 1954           |  | 3908   |
|  | 7.29 | 7.32  | S  | S  |  | 39             |               | 158            |  | 197    |
|  | 7.32 | 7.46  | S  | D  |  |                | 185           |                |  | 185    |
|  | 7.46 | 7.56  | S  | S  |  | 132            |               | 528            |  | 660    |
|  | 7.56 | 7.99  | S  | S  |  | 2270           |               | 2270           |  | 4540   |
|  | 7.99 | 8.11  | S  | S  |  | 634            |               | 158            |  | 792    |
|  | 8.11 | 8.20  | S  | S  |  | 119            |               | 475            |  | 594    |
|  | 8.20 | 8.53  | S  | S  |  | 1742           |               | 1742           |  | 3484   |
|  | 8.53 | 8.65  | D  | S  |  | 158            |               | 634            |  | 792    |
|  | 8.65 | 10.01 | S  | S  |  | 7180           |               | 7180           |  | 14360  |
|  | 0.00 | 0.47  | S  | S  |  | 2482           |               | 2482           |  | 4964   |
|  | 0.47 | 0.59  | S  | D  |  | 634            |               | 158            |  | 792    |

# TEMPORARY 4" WHITE LINE

|                 |                                       |                                    |  |  |  |  |  |  |            |  |
|-----------------|---------------------------------------|------------------------------------|--|--|--|--|--|--|------------|--|
|                 |                                       |                                    |  |  |  |  |  |  |            |  |
| Durable Letters | SCHOOL AT                             | MM 4.25, MM 4.58, MM 9.41, MM 9.59 |  |  |  |  |  |  | 24 Letters |  |
|                 | STOP AHEAD                            | MM 2.38                            |  |  |  |  |  |  | 9 Letters  |  |
| R.R. Symbol @   | MM 7.49, 7.69, 8.68, 8.84, 9.52, 9.70 |                                    |  |  |  |  |  |  | 6 Each     |  |
| STOP BAR @      | MM 2.507                              |                                    |  |  |  |  |  |  | 15 L.F.    |  |
|                 |                                       |                                    |  |  |  |  |  |  |            |  |
|                 |                                       |                                    |  |  |  |  |  |  |            |  |
|                 |                                       |                                    |  |  |  |  |  |  |            |  |

PROJECT *Fairfield-Bakersfield*

NO. *HMA 2B66*

SHEET *46* OF *60* SHEETS

# TEMPORARY 4" YELLOW LINE

|  | MILE | MILE  | LT | RT |  | QUANTITY<br>LT            | QUANTITY<br>C | QUANTITY<br>RT |       | TOTALS |
|--|------|-------|----|----|--|---------------------------|---------------|----------------|-------|--------|
|  | 0.59 | 0.64  | D  | S  |  |                           | 66            |                |       | 66     |
|  | 0.64 | 0.77  | D  | S  |  | 172                       |               | 686            |       | 858    |
|  | 0.77 | 1.36  | S  | S  |  | 3115                      |               | 3115           |       | 6230   |
|  | 1.36 | 1.50  | S  | D  |  | 739                       |               | 185            |       | 924    |
|  | 1.50 | 1.61  | D  | S  |  | 119                       |               | 475            |       | 594    |
|  | 1.61 | 1.66  | D  | D  |  |                           | 66            |                |       | 66     |
|  | 1.66 | 1.74  | S  | D  |  | 422                       |               | 106            |       | 528    |
|  | 1.74 | 1.76  | S  | S  |  | 106                       |               | 106            |       | 212    |
|  | 1.76 | 1.86  | D  | S  |  | 132                       |               | 528            |       | 660    |
|  | 1.86 | 1.89  | D  | D  |  |                           | 40            |                |       | 40     |
|  | 1.89 | 2.01  | S  | D  |  | 634                       |               | 158            |       | 792    |
|  | 2.01 | 2.10  | D  | D  |  |                           | 119           |                |       | 119    |
|  | 2.10 | 2.25  | D  | S  |  | 198                       |               | 792            |       | 990    |
|  | 2.25 | 2.507 | S  | S  |  | 1357                      |               | 1357           |       | 2714   |
|  |      |       |    |    |  |                           |               |                |       |        |
|  |      |       |    |    |  |                           |               |                |       | 96459  |
|  |      |       |    |    |  | 29 T.H.s x 80' =          | 2320          |                |       | -2320  |
|  |      |       |    |    |  |                           |               |                |       | 94139  |
|  |      |       |    |    |  | 100% Less Due To Leveling |               |                |       | 94139  |
|  |      |       |    |    |  |                           |               |                |       | 188278 |
|  |      |       |    |    |  |                           |               |                | Rnd   | 22     |
|  |      |       |    |    |  |                           |               |                |       |        |
|  |      |       |    |    |  |                           |               |                | Total | 188300 |
|  |      |       |    |    |  |                           |               |                |       |        |
|  |      |       |    |    |  |                           |               |                |       |        |
|  |      |       |    |    |  |                           |               |                |       |        |
|  |      |       |    |    |  |                           |               |                |       |        |

# TEMPORARY 4" WHITE LINE

|  |      |       |   |   |  |       |  |           |  |         |
|--|------|-------|---|---|--|-------|--|-----------|--|---------|
|  | 1.83 | 10.01 | S | S |  | 43190 |  | 43190     |  | 86380   |
|  | 0.00 | 2.507 | S | S |  | 13237 |  | 13237     |  | 26474   |
|  |      |       |   |   |  |       |  |           |  |         |
|  |      |       |   |   |  |       |  | Sub Total |  | 112854  |
|  |      |       |   |   |  |       |  |           |  |         |
|  |      |       |   |   |  |       |  | Rnd       |  | 46      |
|  |      |       |   |   |  |       |  |           |  |         |
|  |      |       |   |   |  |       |  | Total     |  | 112,900 |

PROJECT Fairfield-Bakersfield

NO. HMA 2866  
SHEET 47 OF 60 SHEETS

# BRIDGES

| TOWN        | MM    | BRIDGE<br>NUMBER | DO NOT<br>PAVE |
|-------------|-------|------------------|----------------|
| FAIRFIELD   | 1.689 | 3                |                |
| FAIRFIELD   | 4.758 | 6                | ✓              |
| FAIRFIELD   | 7.843 | 9                | ✓              |
| FAIRFIELD   | 9.136 | 10               |                |
| BAKERSFIELD | 0.154 | 11               |                |
| BAKERSFIELD | 0.459 | 12               |                |
| BAKERSFIELD | 0.652 | 13               |                |
| BAKERSFIELD | 1.168 | 14               |                |

PROJECT FAIRFIELD - BAKERSFIELD

NO. HMA 2866

SHEET 48 OF 60 SHEETS

## PROJECT LENGTHS AND ITEM QUANTITIES

[illegible]

PROJECT FAIRFIELD NO. HMA 2871 SHEET 49 OF 60 SHEETS

PROJECT LENGTHS AND ITEM QUANTITIES

| ITEM DESCRIPTION |       | OPTION                     |        |        |        |        |        |        |        |        |        |        |                    |  |  | ITEM NO. |  |  |  |  |  |  |  |
|------------------|-------|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|--|--|----------|--|--|--|--|--|--|--|
|                  |       | OVERLAY DEPTH              |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | GRVEL SHOULDERS            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | EMULSIFIED ASPHALT         |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | BITUMINOUS ASPHALT         |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | POWER BROOM RENTAL         |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | UNIFORMED TRAFFIC OFFICERS |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | FLAGGERS                   |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | MOBILIZATION               |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | TEMP 4" WHITE LINE         |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | TEMP 4" YELLOW LINE        |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       | TOPSOIL                    |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
| ITEM NO.         |       | 402.10                     | 402.12 | 404.65 | 406.25 | 608.30 | 630.10 | 630.15 | 635.10 | 646.50 | 646.51 | 651.35 |                    |  |  |          |  |  |  |  |  |  |  |
| UNIT             |       | CY                         | TON    | CWT    | TON    | HR     | HR     | HR     | LS     | LF     | LF     | CY     |                    |  |  |          |  |  |  |  |  |  |  |
| FAIRFIELD        |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
| BAKERSFIELD      |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
| MM 1.830         | 32356 | 28                         | 1048   | 125    | 6979   | 49     | 447    | 447    |        |        |        | 153    | INCLUDES SHOULDERS |  |  |          |  |  |  |  |  |  |  |
| MM 7.958         |       |                            |        |        | 1961   |        |        |        |        |        |        |        | LEVEL COURSE       |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
| MM 7.958         | 7846  | 26                         | 509    | 28     | 1572   | 12     | 101    | 101    |        |        |        | 37     | INCLUDES SHOULDERS |  |  |          |  |  |  |  |  |  |  |
| MM 9.444         |       |                            |        |        | 438    |        |        |        |        |        |        |        | LEVEL COURSE       |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
| MM 9.444         | 676   | 36                         | 14     | 3      | 187    | 1      | 12     | 12     |        |        |        | 3      | INCLUDES SHOULDERS |  |  |          |  |  |  |  |  |  |  |
| MM 9.572         |       |                            |        |        | 52     |        |        |        |        |        |        |        | LEVEL COURSE       |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
| MM 9.572         | 15550 | 24                         | 1008   | 52     | 2875   | 24     | 184    | 184    |        |        |        | 74     | INCLUDES SHOULDERS |  |  |          |  |  |  |  |  |  |  |
| MM 2.507         |       |                            |        |        | 810    |        |        |        |        |        |        |        | LEVEL COURSE       |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |
|                  |       |                            |        |        |        |        |        |        |        |        |        |        |                    |  |  |          |  |  |  |  |  |  |  |

PROJECT FAIRFIELD - BAKERSFIELD

NO.

HMA 2866

SHEET 50 OF 60 SHEETS

## PROJECT LENGTHS AND ITEM QUANTITIES

| ITEM DESCRIPTION    |         | LENGTH | WIDTH | OVERLAY DEPTH | GRAVEL SHOULDERS |                      | EMULSIFIED SHOULDERS |                    | BITUMINOUS ASPHALT         |          | POWER BROOM RENTAL |                    | UNIFORMED TRAFFIC OFFICERS |         | FLAGGERS |        | MOBILIZATION |  | TEMP 4" WHITE LINE |  | TEMP 4" YELLOW LINE |  | TOPSOIL |  |
|---------------------|---------|--------|-------|---------------|------------------|----------------------|----------------------|--------------------|----------------------------|----------|--------------------|--------------------|----------------------------|---------|----------|--------|--------------|--|--------------------|--|---------------------|--|---------|--|
|                     |         |        |       |               | GRAVEL SHOULDERS | EMULSIFIED SHOULDERS | BITUMINOUS ASPHALT   | POWER BROOM RENTAL | UNIFORMED TRAFFIC OFFICERS | FLAGGERS | MOBILIZATION       | TEMP 4" WHITE LINE | TEMP 4" YELLOW LINE        | TOPSOIL |          |        |              |  |                    |  |                     |  |         |  |
| ITEM NO.            | UNIT    | FT.    | FT.   | IN.           | CY               | TON                  | CWT                  | TON                | HR                         | HR       | HR                 | HR                 | LS                         | LF      | LF       | LF     | CY           |  |                    |  |                     |  |         |  |
| DRIVES & APPROACHES |         |        |       |               | 50               | 87                   |                      | 75                 |                            |          |                    |                    |                            |         |          | 112854 | 188278       |  |                    |  |                     |  |         |  |
|                     | PROJECT |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
| ROUNDINGS           |         |        |       |               | 1                | 9                    | 2                    | 51                 | 4                          | 6        | 6                  |                    |                            | 46      | 22       | 8      |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |
|                     |         |        |       |               |                  |                      |                      |                    |                            |          |                    |                    |                            |         |          |        |              |  |                    |  |                     |  |         |  |

PROJEC  
FAIRFIELD - BAKERSFIELD

$$\frac{C}{Z}$$

HW 2866

כחצית שני

# PROJECT LENGTHS AND ITEM QUANTITIES

ITEM DESCRIPTION

ALL PURPOSE EXCAVATOR RENTAL, TYPE I

POSE EXCAVATOR RENTAL, TYPE  
TRUCK RENTAL  
POWER GRADER RENTAL

| ITEM NO. | 608.25 | 608.37 | 608.15 |
|----------|--------|--------|--------|
| UNIT     | HR     | HR.    | HR.    |
| HMA 2871 | 5      | 5      | 10     |
| HMA 2866 | 50     | 30     | 50     |
| TOTAL    | 55     | 35     | 60     |

PROJECT FAIRFIELD-BAKERSFIELD

NO. HMA 2866, 2871

SHEET 52 OF 60 SHEETS

PROJECT LENGTHS AND ITEM QUANTITIES

| ITEM DESCRIPTION               |        |        |        |  |  |  |  |  |              |
|--------------------------------|--------|--------|--------|--|--|--|--|--|--------------|
| DURABLE LETTER IN WORD MARKING |        |        |        |  |  |  |  |  |              |
| DURABLE RFR CROSSING SYMBOL    |        |        |        |  |  |  |  |  |              |
| DURABLE 24" STOP BAR           |        |        |        |  |  |  |  |  |              |
| ITEM NO.                       | 646.44 | 646.48 | 646.49 |  |  |  |  |  |              |
| UNIT                           | EA.    | EA     | LF     |  |  |  |  |  |              |
| FAIRFIELD                      |        |        |        |  |  |  |  |  |              |
| MM 4.25                        | 6      |        |        |  |  |  |  |  | "SCHOOL"     |
| MM 4.58                        | 6      |        |        |  |  |  |  |  | "SCHOOL"     |
| MM 9.41                        | 6      |        |        |  |  |  |  |  | "SCHOOL"     |
| MM 9.59                        | 6      |        |        |  |  |  |  |  | "SCHOOL"     |
| MM 7.49                        |        | 1      |        |  |  |  |  |  |              |
| MM 7.69                        |        | 1      |        |  |  |  |  |  |              |
| MM 8.68                        |        | 1      |        |  |  |  |  |  |              |
| MM 8.84                        |        | 1      |        |  |  |  |  |  |              |
| MM 9.52                        |        | 1      |        |  |  |  |  |  |              |
| MM 9.70                        |        | 1      |        |  |  |  |  |  |              |
| BAKERSFIELD                    |        |        |        |  |  |  |  |  |              |
| MM 2.38                        | 9      |        |        |  |  |  |  |  | "STOP AHEAD" |
| MM 2.507                       |        |        | 20     |  |  |  |  |  |              |
|                                |        |        |        |  |  |  |  |  |              |
|                                |        |        |        |  |  |  |  |  |              |
|                                |        |        |        |  |  |  |  |  |              |
| TOTAL                          | 33     | 6      | 20     |  |  |  |  |  |              |

PROJECT FAIRFIELD - BAKERSFIELD

NO.

HMA 2866

SHEET 53 OF 60 SHEETS