

INDEX OF SHEETS

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STANDARD STRUCTURE SHEET S28 APPROVED BY THE CHIEF ENGINEER ON JULY 11, 1933; S30 AUGUST 15, 1933; S31, JULY 25, 1934

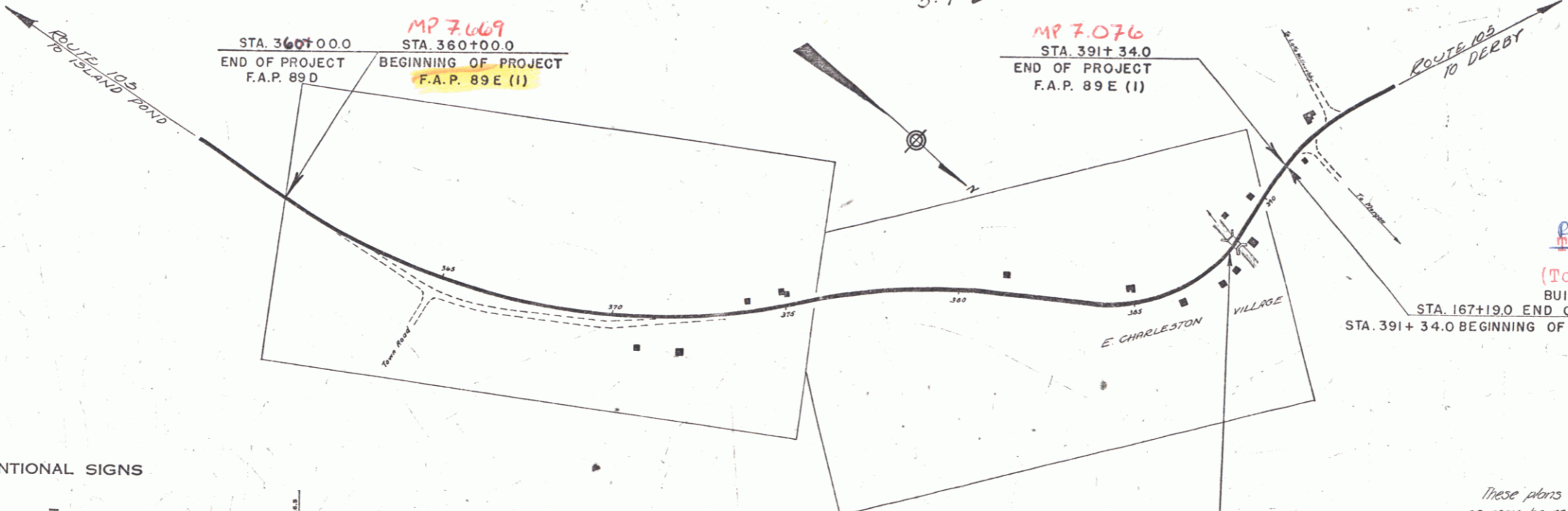
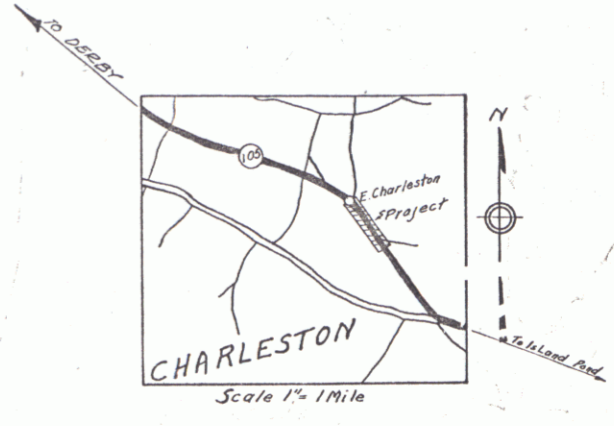
STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY

TOWN OF CHARLESTON Pin# 00R207

ISLAND POND-DERBY ROAD  
BEGINNING AT A POINT 2850 FT. EASTERLY  
OF THE BRIDGE IN EAST CHARLESTON  
VILLAGE, AND RUNNING WESTERLY 0.593 MILES  
LENGTH OF PROJECT 3133.2 FT. 0.593 MILES

|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| 9                   | VT.   | 87.60              | 1940        | 1         | 21           |



RECORD PLANS

RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL

Town of U+105

(To Be Returned To R.O.W. Division)

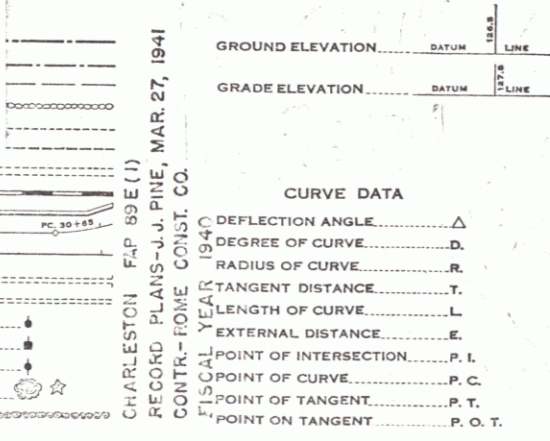
BUILT IN 1923  
STA. 167+19.0 END OF FAP 49(1)  
STA. 391+34.0 BEGINNING OF FAP 49(2)

APPROVED: *Sept 14, 1937*  
*H. E. Sargent*  
COMMISSIONER OF HIGHWAYS

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

PROJECT: *Charleston*  
NUMBER: *87-E(1) F.A.P.*  
TYPE: *2 1/2" Crushed Stone Mix. w/ Refined Tar*  
CONTRACTOR: *Rome Construction Co.*  
LOCATION: *See File Card*

CONVENTIONAL SIGNS



SCALES

|                |                               |
|----------------|-------------------------------|
| TITLE          | 1" = 200'                     |
| TYPICAL        | 1" = 20'                      |
| PLAN & PROF.   | HOR. 1" = 50', VERT. 1" = 10' |
| CROSS SECTIONS | 1" = 5'                       |

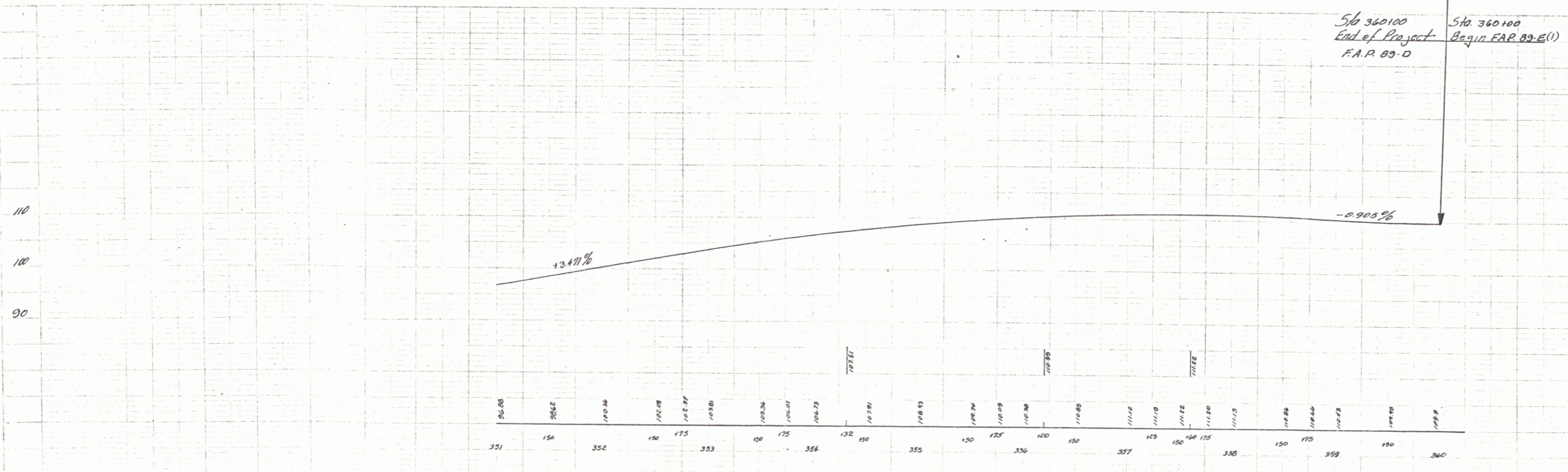
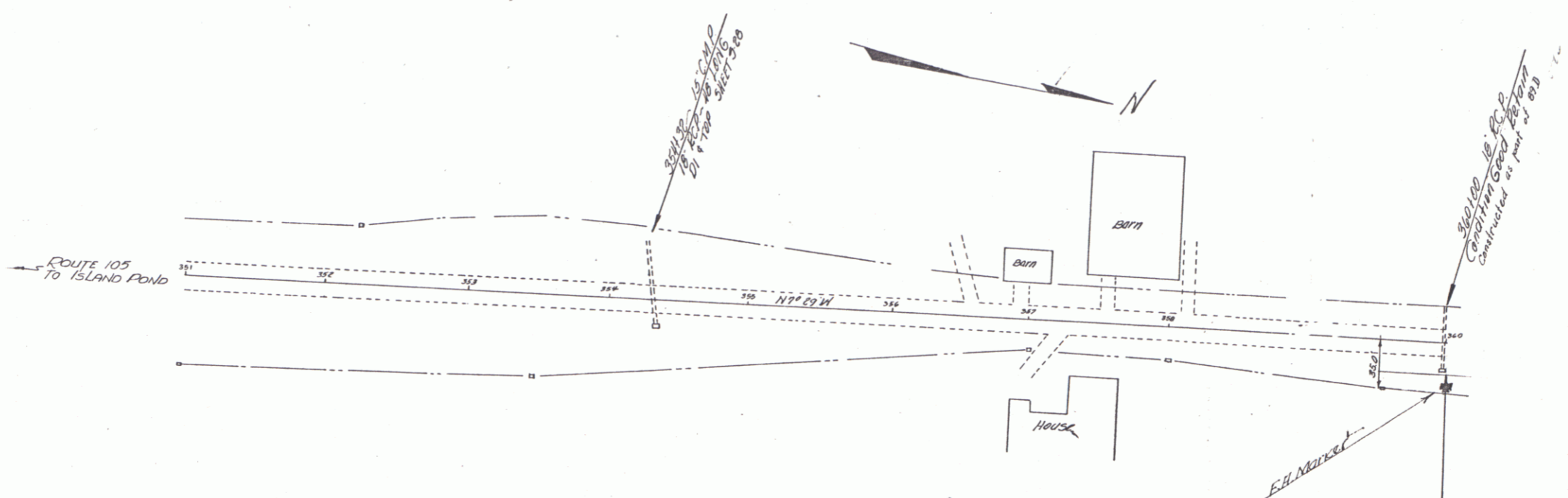
BRIDGE DATA

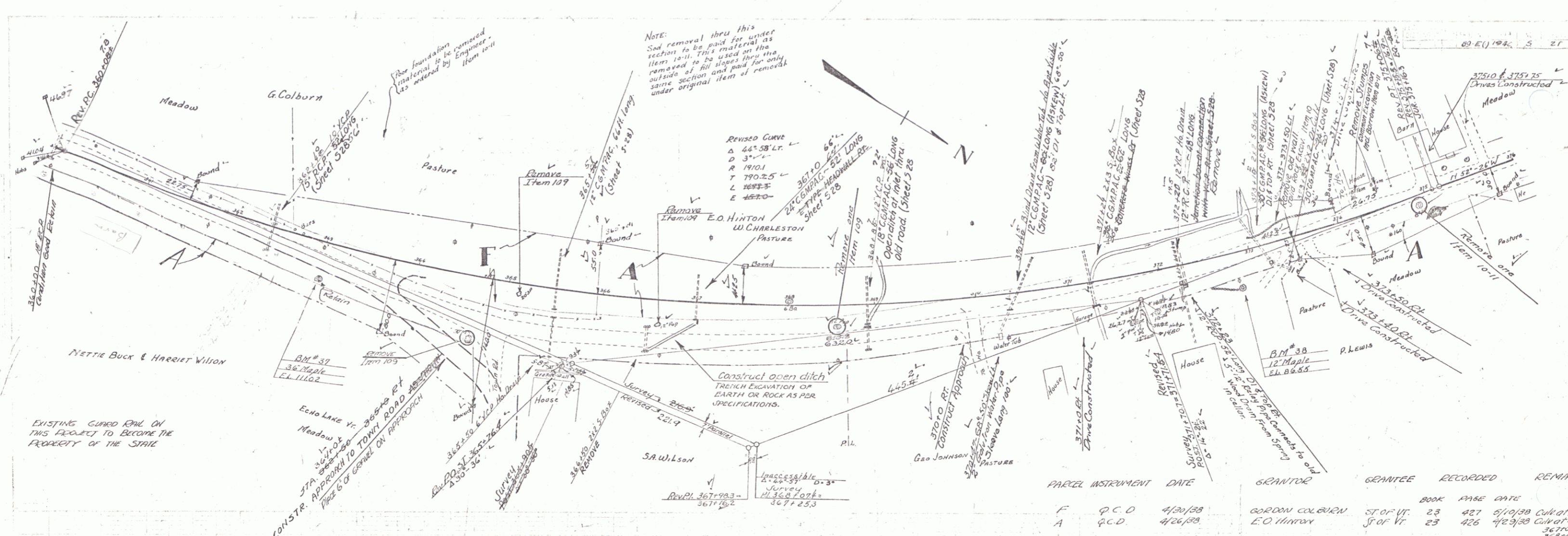
|             | PRESENT          | PROPOSED        |
|-------------|------------------|-----------------|
| TYPE        | CHANNEL STRINGER | CONCRETE SLAB   |
| CLEAR SPAN  | 17'              | 20'             |
| OVERALL     | 21'±             | 22.5'           |
| ROADWAY     | 20'±             | 26' WITH 5'S.W. |
| SIDEWALK    |                  | 1@5'            |
| CLEAR HGHT. | 6'               | 7'              |
| WATERWAY    | 65'±             | 140'            |

These plans are subject to such revisions as may be required by the Public Roads Administration or the Commissioner of Highways.

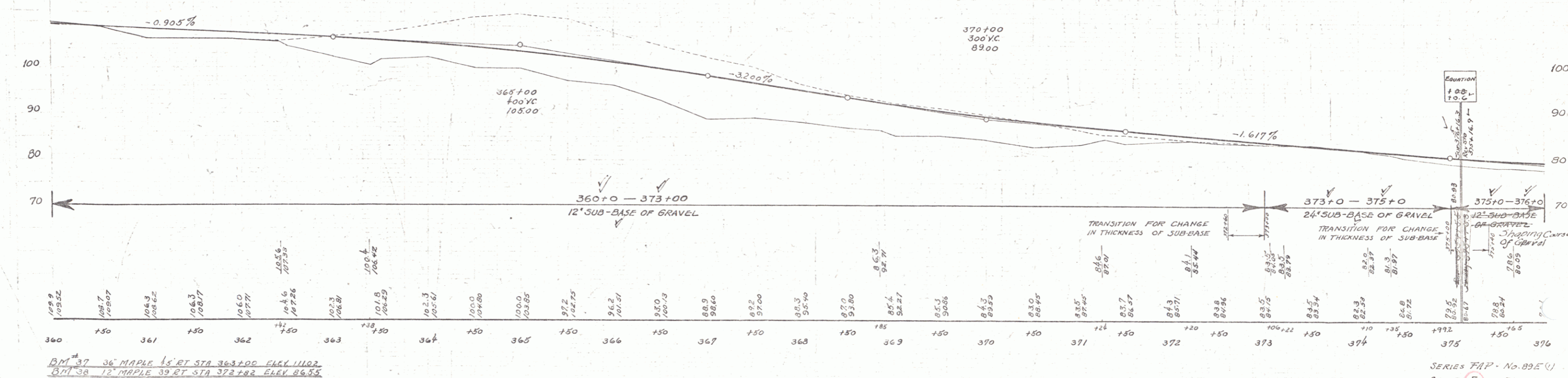
Construction is to be carried on in accordance with the plans and Standard Road and Bridge Specifications of 1936 as approved December 29, 1936 by the Public Roads Administration, including all subsequent approved revisions and such revised specifications and special provisions as are submitted with the plans.

APPROVED: [Signature]  
DISTRICT ENGINEER  
PUBLIC ROADS ADMINISTRATION  
FEDERAL WORKS AGENCY





EXISTING CURVED PNL ON THIS PROJECT TO BECOME THE PROPERTY OF THE STATE

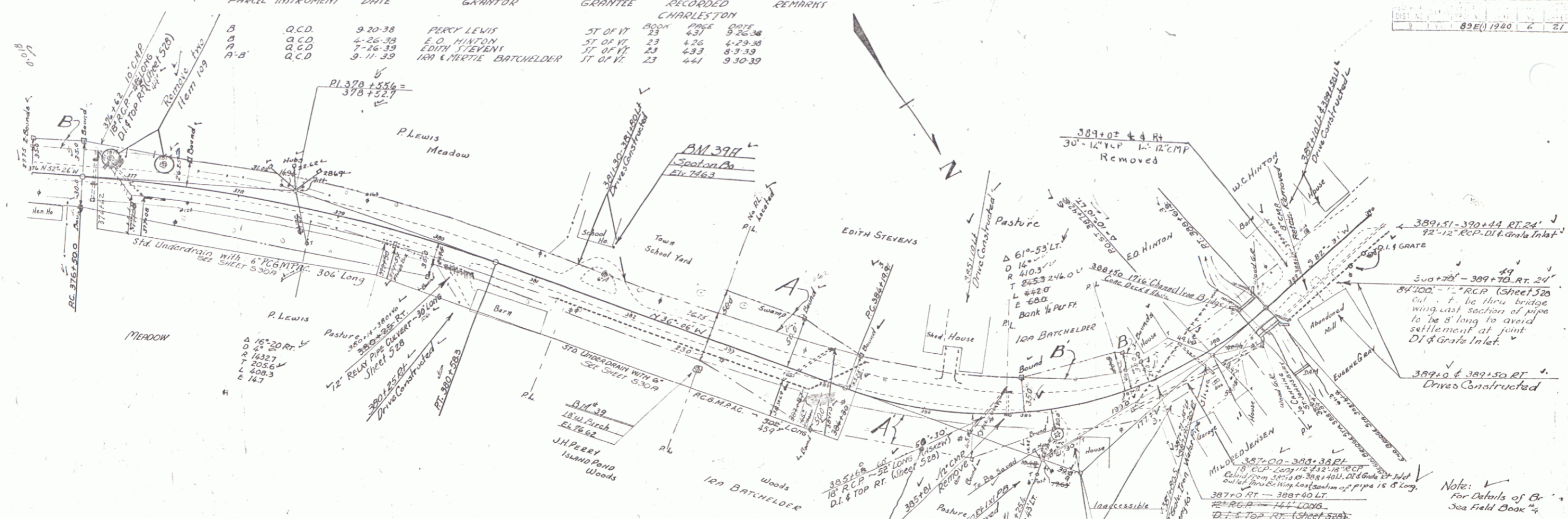


| PARCEL | INSTRUMENT | DATE    | GRANTOR                      | GRANTEE   | RECORDED | REMARKS        |
|--------|------------|---------|------------------------------|-----------|----------|----------------|
| F      | Q.C.D.     | 4/20/28 | GORDON COLBURN               | ST OF VT. | 23       | BOOK PAGE DATE |
| A      | Q.C.D.     | 4/26/28 | E.O. HINTON                  | ST OF VT. | 23       | 427 5/10/28    |
| A      | Q.C.D.     | 9-20-38 | PERY LEWIS                   | ST OF VT. | 23       | 431 3-26-38    |
| A'     | Q.C.D.     | 7-26-39 | NETTIE BUCK & HARRIET WILSON | ST OF VT. | 23       | 434 8-3-39     |

B.M. 37 36' MAPLE 1/2" BT STA 363+00 ELEV 110.2  
 B.M. 38 12" MAPLE 3/4" BT STA 372+82 ELEV 86.55

SERIES FAP - No. 89E(1)  
 SHEET 5 OF 21

| PARCEL | INSTRUMENT | DATE    | GRANTOR                  | GRANTEE  | RECORDED       | REMARKS |
|--------|------------|---------|--------------------------|----------|----------------|---------|
| B      | Q.C.D.     | 9-20-38 | PERCY LEWIS              | ST OF VT | BOOK PAGE DATE |         |
| A      | Q.C.D.     | 4-26-38 | E.O. HINTON              | ST OF VT | 23 431 9-25-38 |         |
| A-a    | Q.C.D.     | 7-26-39 | EDITH STEVENS            | ST OF VT | 23 436 4-29-38 |         |
| A-b    | Q.C.D.     | 9-11-39 | IRV & MERTIE BARTCHELDER | ST OF VT | 23 433 8-3-39  |         |
|        |            |         |                          | ST OF VT | 23 441 9-30-39 |         |



**Boring Data**

| BORING #1   | BORING #2                   | BORING #3                     |
|---|-----------------------------|-------------------------------|
| ABT. 215' LEFT OF STA 388+19  | ABT. 24' LEFT OF STA 388+25 | ABT. 215' RIGHT OF STA 388+28 |
| 652<br>651<br>650<br>649<br>648<br>647<br>646<br>645<br>644<br>643<br>642<br>641<br>640<br>639<br>638<br>637<br>636<br>635<br>634<br>633<br>632<br>631<br>630<br>629<br>628<br>627<br>626<br>625<br>624<br>623<br>622<br>621<br>620<br>619<br>618<br>617<br>616<br>615<br>614<br>613<br>612<br>611<br>610<br>609<br>608<br>607<br>606<br>605<br>604<br>603<br>602<br>601<br>600<br>599<br>598<br>597<br>596<br>595<br>594<br>593<br>592<br>591<br>590<br>589<br>588<br>587<br>586<br>585<br>584<br>583<br>582<br>581<br>580<br>579<br>578<br>577<br>576<br>575<br>574<br>573<br>572<br>571<br>570<br>569<br>568<br>567<br>566<br>565<br>564<br>563<br>562<br>561<br>560<br>559<br>558<br>557<br>556<br>555<br>554<br>553<br>552<br>551<br>550<br>549<br>548<br>547<br>546<br>545<br>544<br>543<br>542<br>541<br>540<br>539<br>538<br>537<br>536<br>535<br>534<br>533<br>532<br>531<br>530<br>529<br>528<br>527<br>526<br>525<br>524<br>523<br>522<br>521<br>520<br>519<br>518<br>517<br>516<br>515<br>514<br>513<br>512<br>511<br>510<br>509<br>508<br>507<br>506<br>505<br>504<br>503<br>502<br>501<br>500<br>499<br>498<br>497<br>496<br>495<br>494<br>493<br>492<br>491<br>490<br>489<br>488<br>487<br>486<br>485<br>484<br>483<br>482<br>481<br>480<br>479<br>478<br>477<br>476<br>475<br>474<br>473<br>472<br>471<br>470<br>469<br>468<br>467<br>466<br>465<br>464<br>463<br>462<br>461<br>460<br>459<br>458<br>457<br>456<br>455<br>454<br>453<br>452<br>451<br>450<br>449<br>448<br>447<br>446<br>445<br>444<br>443<br>442<br>441<br>440<br>439<br>438<br>437<br>436<br>435<br>434<br>433<br>432<br>431<br>430<br>429<br>428<br>427<br>426<br>425<br>424<br>423<br>422<br>421<br>420<br>419<br>418<br>417<br>416<br>415<br>414<br>413<br>412<br>411<br>410<br>409<br>408<br>407<br>406<br>405<br>404<br>403<br>402<br>401<br>400<br>399<br>398<br>397<br>396<br>395<br>394<br>393<br>392<br>391<br>390<br>389<br>388<br>387<br>386<br>385<br>384<br>383<br>382<br>381<br>380<br>379<br>378<br>377<br>376<br>375<br>374<br>373<br>372<br>371<br>370<br>369<br>368<br>367<br>366<br>365<br>364<br>363<br>362<br>361<br>360<br>359<br>358<br>357<br>356<br>355<br>354<br>353<br>352<br>351<br>350<br>349<br>348<br>347<br>346<br>345<br>344<br>343<br>342<br>341<br>340<br>339<br>338<br>337<br>336<br>335<br>334<br>333<br>332<br>331<br>330<br>329<br>328<br>327<br>326<br>325<br>324<br>323<br>322<br>321<br>320<br>319<br>318<br>317<br>316<br>315<br>314<br>313<br>312<br>311<br>310<br>309<br>308<br>307<br>306<br>305<br>304<br>303<br>302<br>301<br>300<br>299<br>298<br>297<br>296<br>295<br>294<br>293<br>292<br>291<br>290<br>289<br>288<br>287<br>286<br>285<br>284<br>283<br>282<br>281<br>280<br>279<br>278<br>277<br>276<br>275<br>274<br>273<br>272<br>271<br>270<br>269<br>268<br>267<br>266<br>265<br>264<br>263<br>262<br>261<br>260<br>259<br>258<br>257<br>256<br>255<br>254<br>253<br>252<br>251<br>250<br>249<br>248<br>247<br>246<br>245<br>244<br>243<br>242<br>241<br>240<br>239<br>238<br>237<br>236<br>235<br>234<br>233<br>232<br>231<br>230<br>229<br>228<br>227<br>226<br>225<br>224<br>223<br>222<br>221<br>220<br>219<br>218<br>217<br>216<br>215<br>214<br>213<br>212<br>211<br>210<br>209<br>208<br>207<br>206<br>205<br>204<br>203<br>202<br>201<br>200<br>199<br>198<br>197<br>196<br>195<br>194<br>193<br>192<br>191<br>190<br>189<br>188<br>187<br>186<br>185<br>184<br>183<br>182<br>181<br>180<br>179<br>178<br>177<br>176<br>175<br>174<br>173<br>172<br>171<br>170<br>169<br>168<br>167<br>166<br>165<br>164<br>163<br>162<br>161<br>160<br>159<br>158<br>157<br>156<br>155<br>154<br>153<br>152<br>151<br>150<br>149<br>148<br>147<br>146<br>145<br>144<br>143<br>142<br>141<br>140<br>139<br>138<br>137<br>136<br>135<br>134<br>133<br>132<br>131<br>130<br>129<br>128<br>127<br>126<br>125<br>124<br>123<br>122<br>121<br>120<br>119<br>118<br>117<br>116<br>115<br>114<br>113<br>112<br>111<br>110<br>109<br>108<br>107<br>106<br>105<br>104<br>103<br>102<br>101<br>100<br>99<br>98<br>97<br>96<br>95<br>94<br>93<br>92<br>91<br>90<br>89<br>88<br>87<br>86<br>85<br>84<br>83<br>82<br>81<br>80<br>79<br>78<br>77<br>76<br>75<br>74<br>73<br>72<br>71<br>70<br>69<br>68<br>67<br>66<br>65<br>64<br>63<br>62<br>61<br>60<br>59<br>58<br>57<br>56<br>55<br>54<br>53<br>52<br>51<br>50<br>49<br>48<br>47<br>46<br>45<br>44<br>43<br>42<br>41<br>40<br>39<br>38<br>37<br>36<br>35<br>34<br>33<br>32<br>31<br>30<br>29<br>28<br>27<br>26<br>25<br>24<br>23<br>22<br>21<br>20<br>19<br>18<br>17<br>16<br>15<br>14<br>13<br>12<br>11<br>10<br>9<br>8<br>7<br>6<br>5<br>4<br>3<br>2<br>1<br>0 |                             |                               |

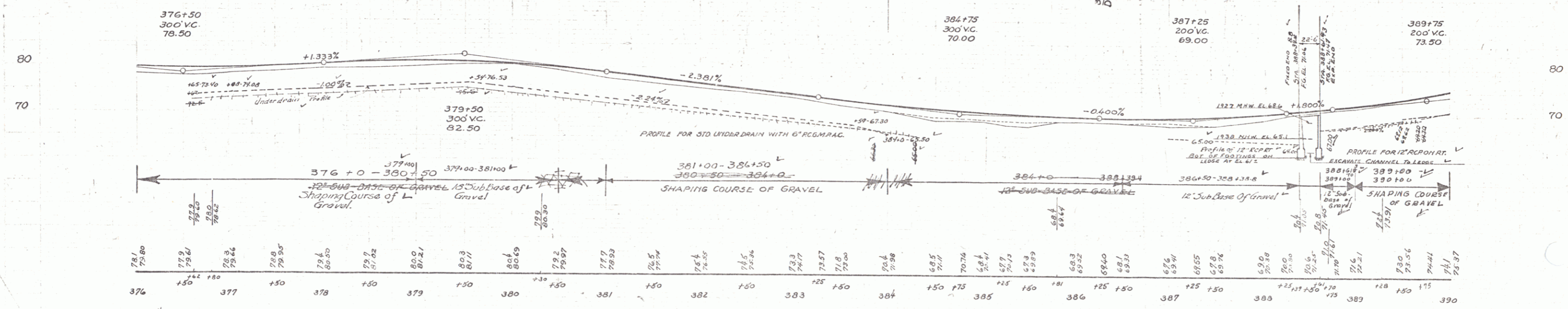
- LIST OF SHEETS FOR BRIDGE ONLY**
- PLAN AND PROFILE
  - DETAILS OF ABUT #1
  - DETAILS OF ABUT #2
  - OF SUPERSTRUCTURE
  - 58 7A - BALUSTRADE RAIL
  - 58 11 - LIGHTS SIGNS & BARRICADES
  - 58 20 - DETAILS (C, E, F, L, M, N) GEN NOTES

**ESTIMATE OF QUANTITIES (BRIDGE ONLY)**

| NO. | ITEM                           | QUANTITY |
|-----|--------------------------------|----------|
| 15  | CHANNEL EXCAVATION             | 215 CY   |
| 16  | STRUCTURE EXCAVATION           | 22.5     |
| VIA | CONCRETE CLASS 7"              | 42.2     |
| 11C | "                              | 113.3    |
| 12  | REINFORCING STEEL              | 7487 LBS |
| 36  | TEMPORARY BRIDGE               | 11.5     |
| 57  | REM. OF PRESENT SUPERSTRUCTURE | 11.5     |
| 93  | BALUSTRADE RAIL                | 748 LBS  |
|     | Gravel Backfill                | 30 CY    |

**BRIDGE DATA**

| TYPE         | PRESENT | PROPOSED         |
|--------------|---------|------------------|
| CHANNEL SPAN | 17'     | 20'              |
| OVERALL      | 21'     | 22.5'            |
| ROADWAY      | 20' ±   | 26' WITH 5.5" W. |
| SIDEWALK     | 6'      | 7'               |
| CLEAR HIGHT  | 6'      | 7'               |
| WATERWAY     | 65' ±   | 140' ±           |



BM #39 SPIKE IN ROOT 16" BIRCH 29' RI 382+79 ELEV 76.62  
 BM 3977 PI Spot on Co 52' LT Sta 381+62

