

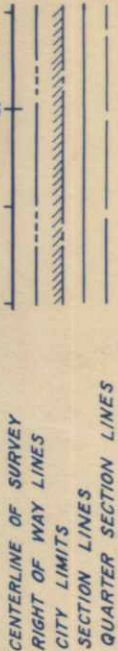
Rev. 9-6-41 R.K.C. Detour Route & Length of Proj.

COLORADO  
STATE HIGHWAY DEPARTMENT  
PLAN AND PROFILE OF PROPOSED  
FEDERAL AID PROJECT NO. 15-A(2)  
STATE HIGHWAY NO. 14  
LOGAN COUNTY

INDEX OF SHEETS

- SHEET No. 1. SKETCH MAP AND TITLE PAGE.  
2 & 3. DETAILS OF C.B.C., STA. 4+ & SUMMARY OF QUANTITIES.  
4. STANDARD TIMBER GUARD POSTS  
5. " STRUCTURE NUMBER LETTERING  
6. " " YEAR NUMBER MARKING  
7. TYPICAL SIDE APPROACH ROADS/ROADWAY  
CONSTRUCTION TRAFFIC SIGNS  
M 19 B  
M 10 A  
M 14 A  
M 2 B

CONVENTIONAL SIGNS



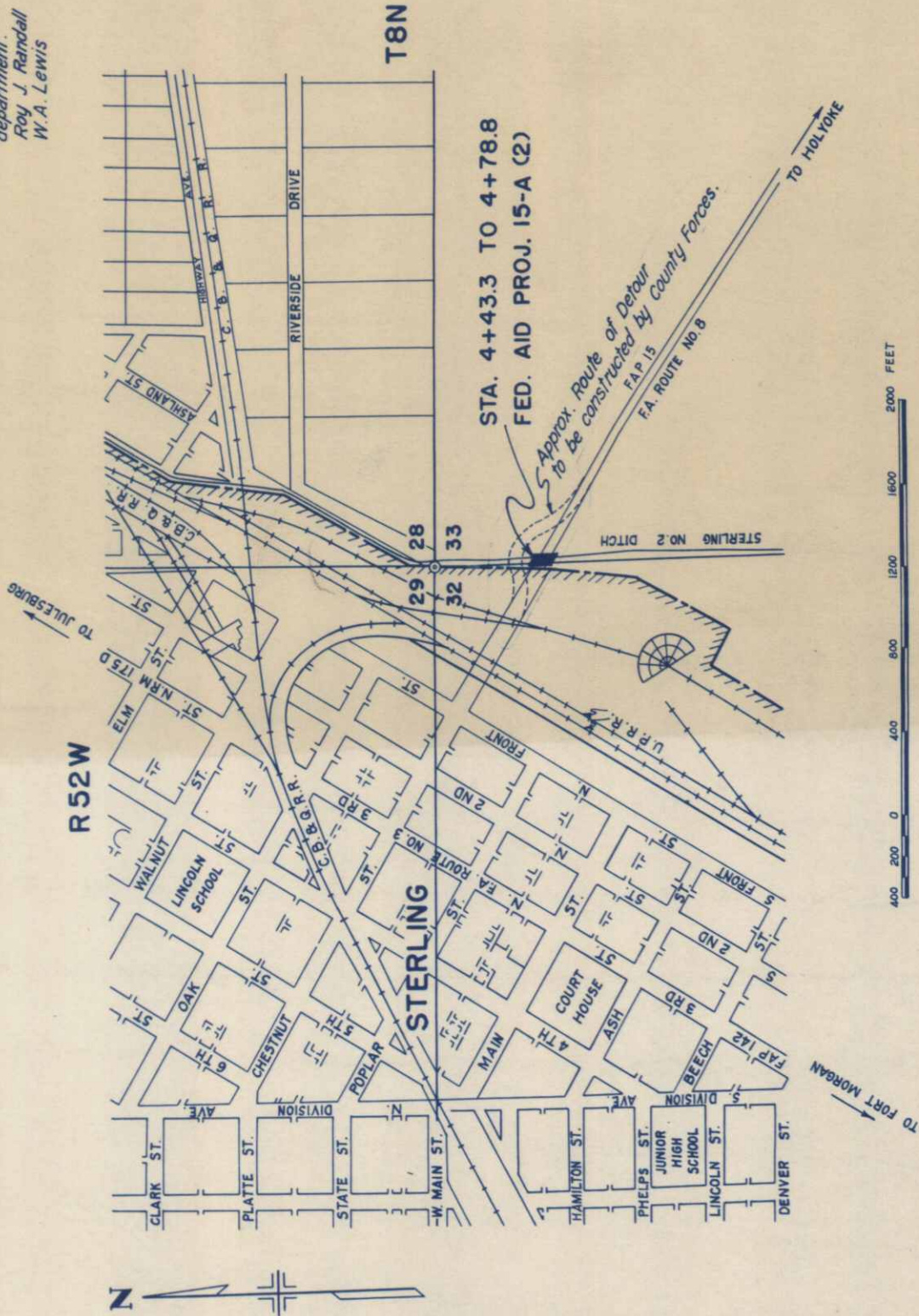
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SCALES ON ORIGINAL TRACINGS

ON PLAN, 1 IN. = 100 FT.  
ON PROFILE 1 IN. = 100 FT. HORIZONTAL  
1 IN. = 10 FT. VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD  
GROSS LENGTH OF PROJECT } 35.5 FEET = 0.006 MILES  
NET LENGTH OF PROJECT }

NOTE:  
It is recommended that bidders on this project go over the plan details with one of the following field representatives of this department.  
Roy J. Randall  
W.A. Lewis  
Div. Engineer Greeley, Colorado  
Res. " Brush, Colorado



RECOMMENDED FOR APPROVAL

*[Signature]*  
ASSISTANT ENGINEER  
DATE 9/6/41

APPROVED

*[Signature]*  
STATE HIGHWAY ENGINEER  
DATE

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER  
PUBLIC WORKS ADMINISTRATION  
FEDERAL WORKS AGENCY

RECOMMENDED FOR APPROVAL

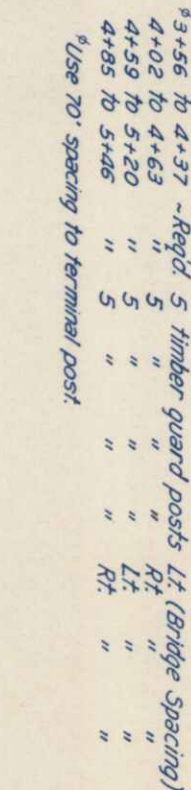
CHIEF, WESTERN REGION  
PUBLIC WORKS ADMINISTRATION  
FEDERAL WORKS AGENCY

APPROVED

COMMISSIONER  
PUBLIC WORKS ADMINISTRATION  
FEDERAL WORKS AGENCY

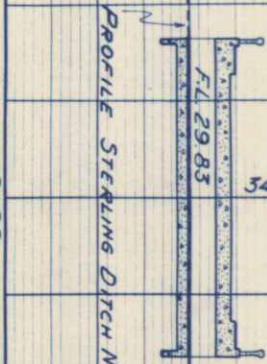
AS CONSTRUCTED PLANS  
RETURN TO DIST. 4 DESIGN

## REVISIONS



N.W. 1/4 SEC. 33

N.E. 1/4 SEC. 32  
T. 8 N R. 52 W.



DIAGRAM

I

II

III

IV

$$\begin{array}{r} 1.553 \\ + .006 \\ \hline 1.559 \end{array}$$

**LOADING DATA.**  
LIVE LOAD A. A. S. H. O. 1936 CLASS A. (H-15)  
DEAD LOAD ASSUMES 185 LBS. PER SQ. FT. ADDITION  
AL WEARING SURFACE WHICH INCLUDES THE 1/2 INCH  
CONCRETE MODULUS OF ELASTICITY 3,000,000 LBS. PER SQ. IN.

STATE HIGHWAY DEPARTMENT  
12'x3'x65'-6 1/4" CONC. BOX CULV.  
44' CLEAR RDWY 2-5'SIDEWKS

## GENERAL LAYOUT - BAR LIST & SUMMARY OF QUANTITIES

Across Sterling Ditch No. 2  
Sta. 4+61.0

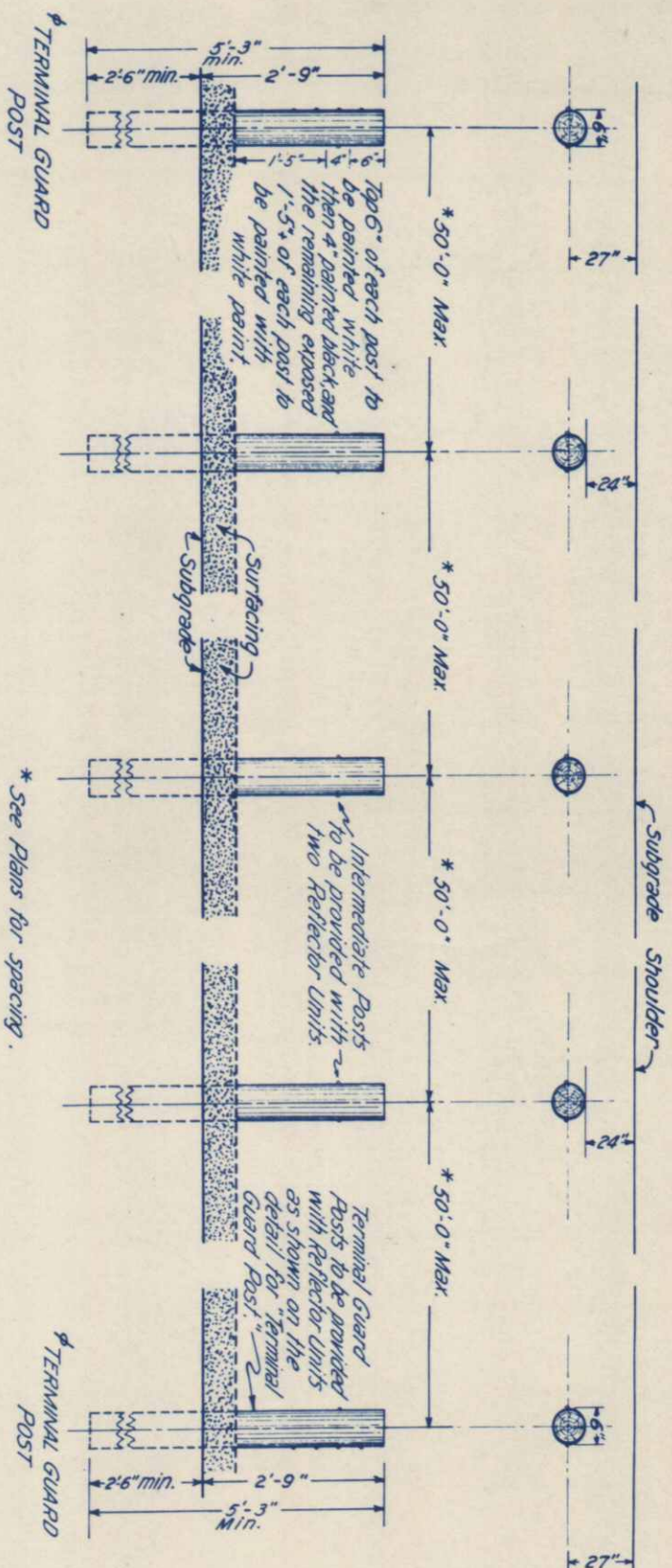
ALL REINFORCING STEEL TO BE INTERMEDIATE GRADE

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Designed by A.D.N. | Approved by <i>P. J. B. A. B.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Made by J.W.T      | Bridge Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Checked by H.W.V.  | Date: <i>April 30<sup>th</sup> 1941</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Near Sterling      | Sec. 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 8 |

Across Sta 4+61 Section 32-35 T. 8N R. 52W  
Near STERLING  
Designed by A.D.N. Approved by G. J. Boody  
Made by J.W.T. Bridge Engineer  
Checked by H.W.V. Date: April, 2005, 1941.

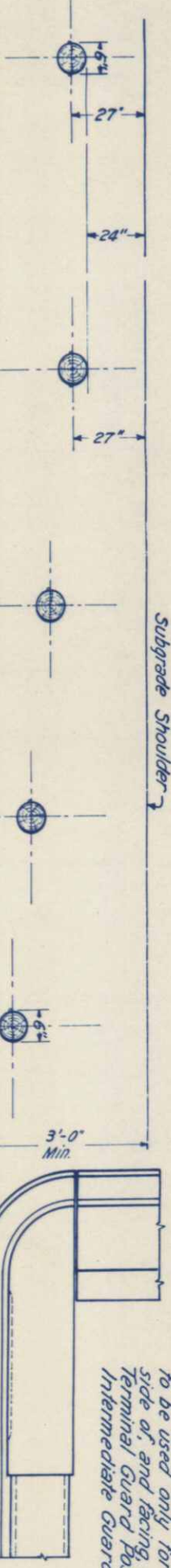
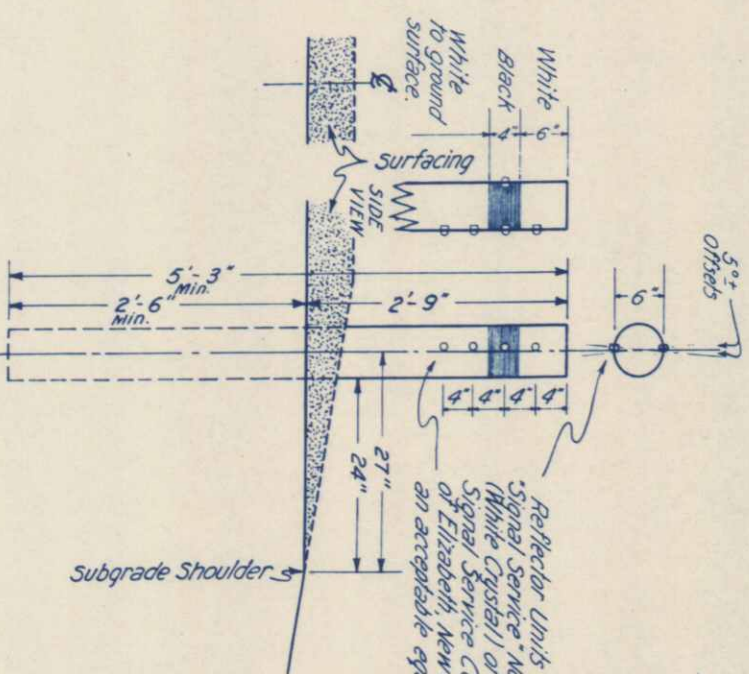
Rev 11-24-39 PBB Reflector Units (Min. Strs)  
Rev 12-19-39 PBB Length and treatment of posts.  
**STANDARD M-19-B**  
Rev 6-28-40-A-Z-1940 Specs. & Location of posts.  
Rev 10-9-40-PBB Painting & Refl. Units.  
Rev 7-24-41-PBB - Terminal Guard Post Placement.  
Rev 7-2-41-PBB - White Paint

| FED. ROAD DIST. NO. | STATE | F.A.P.  | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|---------|-----------|--------------|
| 3                   | COLO. | 15-A(2) | 4         |              |



SHOWING PLACEMENT ON NORMAL ROADWAY FILLS

\* See Plans for spacing.

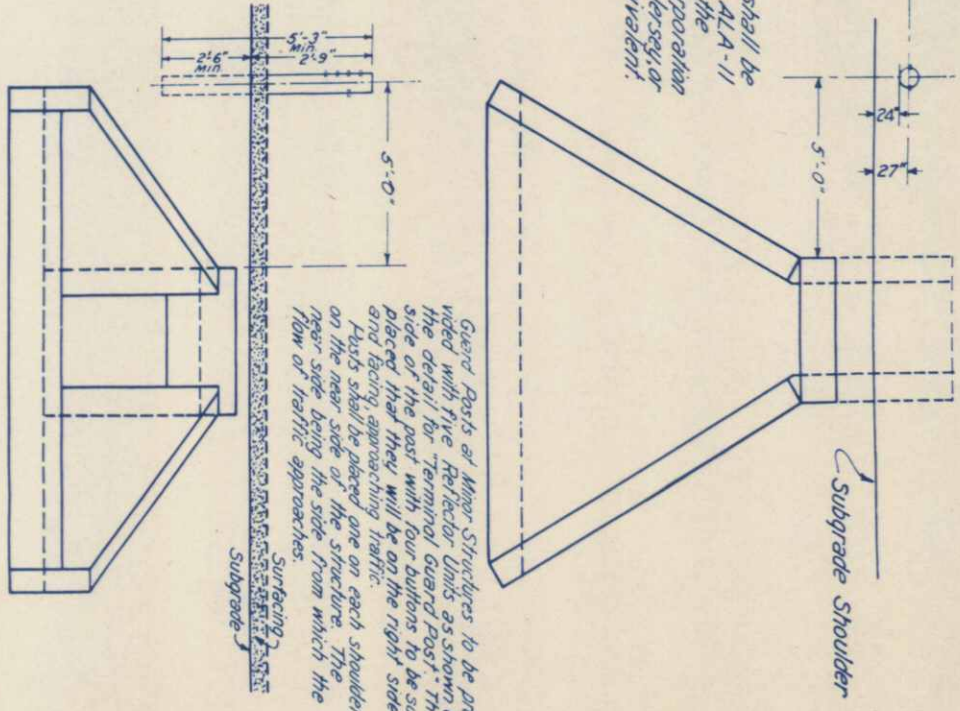


**TERMINAL GUARD POST**  
NOTE: Terminal Guard Posts as detailed above to be used only for the near Post on the right side of, and facing, approaching traffic. All other Terminal Guard Posts to be identical with Intermediate Guard Posts.

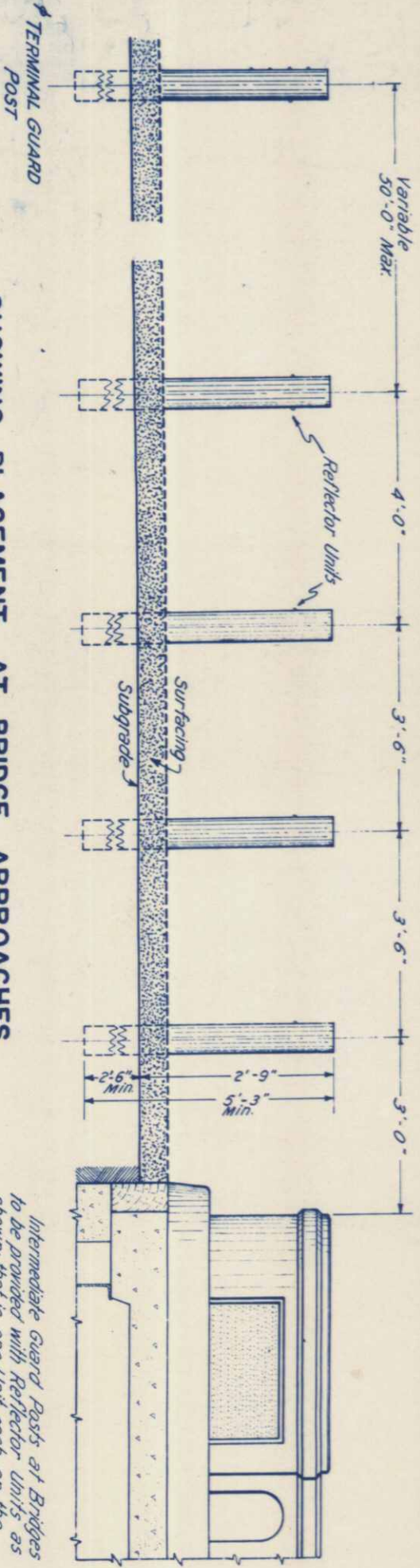
GENERAL NOTES

All work shall be done in accordance with the Standard Specifications of the Colorado State Highway Department, adopted on June 1, 1940.  
All wood posts shall be made from seasoned, straight, sound Lodgepole Pine, Southern Yellow Pine, or West Coast Douglas Fir.  
No section of wood posts shall be less than 6" in diameter.  
All wood posts shall be entirely peeled and shored, thoroughly seasoned and dry, with square tops.  
All wood posts shall be set and tamped in plumb and firm to the lines and grades as directed by the Engineer.  
Reflector Units in all posts shall be placed in such position that the units will function at a distance of 500 feet.  
On tangents the Reflector Units shall be placed at an angle of approximately the degrees to a line parallel to the centerline of the highway.  
In all instances a test shall be made to assure the position of the Reflector Units to be the most effective possible.  
The diameter of holes drilled in the posts shall be drilled approximately one-sixteenth (1/16) inch less than the diameter of the signal button base. In all instances the hole shall be enough undersize that the button when driven into the post shall have complete bond with the post and be securely locked in correct position.  
Posts shall be given a standard pressure Creosote treatment and then be thoroughly steam-cleaned in accordance with requirements of specifications.

SHOWING PLACEMENT AT MINOR STRUCTURES



SHOWING PLACEMENT AT BRIDGE APPROACHES



PLOT PLAN

| FEDERAL ROAD DISTRICT NO. | DIVISION | PROJ. NO.  | SHEET NO. | TOTAL SHEETS |
|---------------------------|----------|------------|-----------|--------------|
| 9                         | COLORADO | U006-9 (2) | 18        |              |

LANDSCAPING PLANS

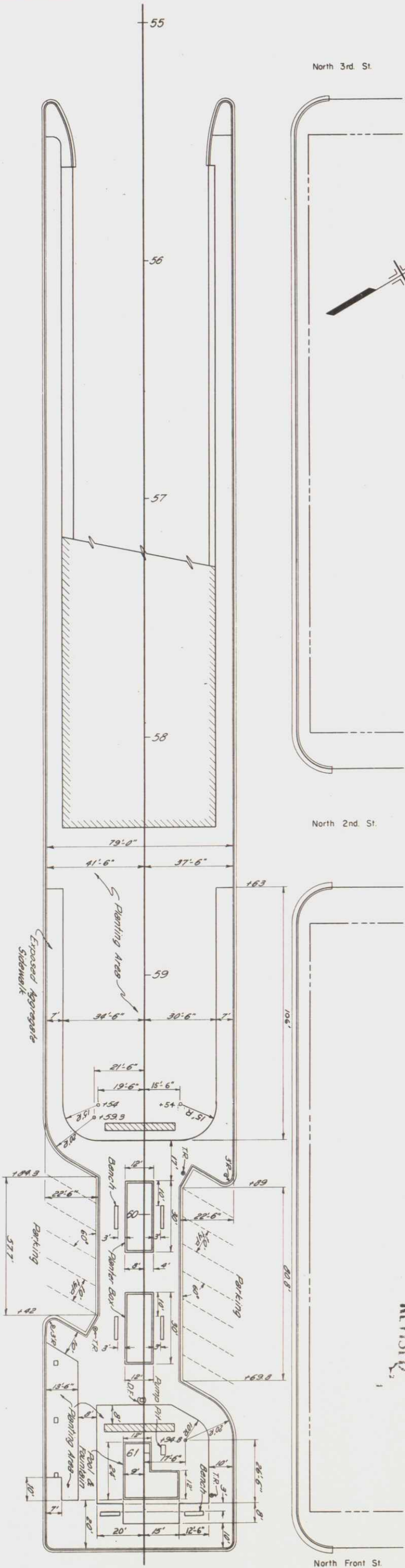
AS OF 12-21-72  
REVISED

North 3rd St.

North 2nd St.

North Front St.

South Front St.



Note: TR - Trash Receptacle  
DR - Drinking Fountain

- 3 Trash Receptacles - WHT. Co. Ambassador Model #38HT w/center base mounting color: cinnamon (National Receptacle Co., Lawson Co. or equal)
- 1 Drinking Fountain - Hays Model #30 smooth polished finish color: terra cotta beige (Murdock Co., Kohler Co. or equal)
- 2 Planter Boxes - Finish as noted in specifications
- 1 Fountain Pool - Finish as noted in specifications
- 6 Benches - Precast concrete finish as noted in specifications

MISCELLANEOUS QUANTITIES

- \* Unclassified Excavation - 500 cu yd (Incl. in Roadway Quantities)
- \* Structure Foundation - 110 cu yd
- \* Structure Backfill (Class 2) - 25 cu yd
- \* Concrete Sidewalk (Exposed Aggregate) - 823 sq ft

\* Quantities carried to Structure Quantities

PLOT PLAN