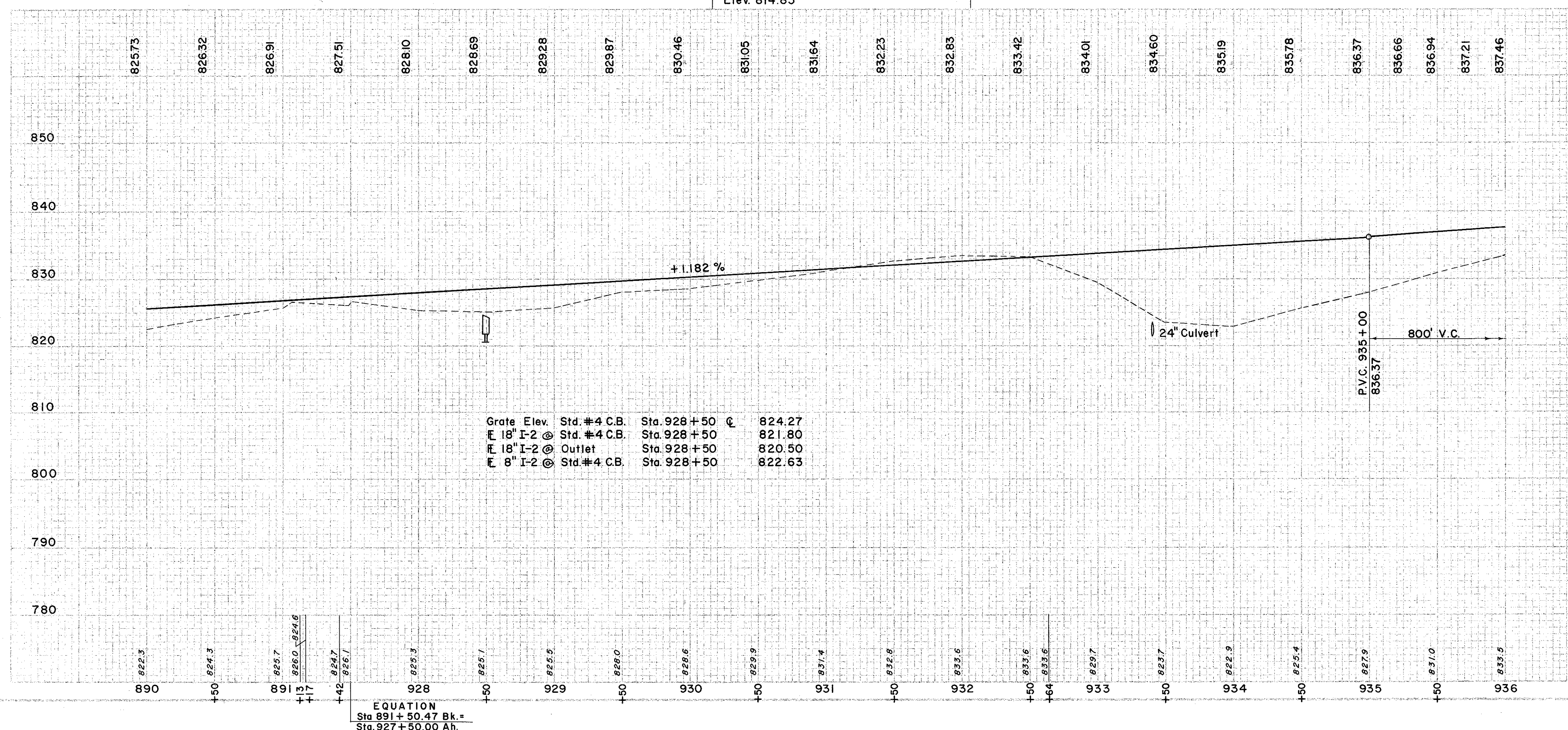


EQUATION
Sta. 891 + 50.47 Bk. =
Sta. 927 + 50.00 Ah.

B.M. #98A Lag Bolt in base of 8" W. Cherry
160' Rt. of Sta. 931 + 75
Elev. 814.83

STRUCTURE LAK-I-2371
FOR DETAIL OF STRUCTURE
SEE SHEET NO. 240.



| | | | |
|-------------|--------------|---------------|--------|
| Grate Elev. | Std. #4 C.B. | Sta. 928 + 50 | 824.27 |
| 18" I-2 @ | Std. #4 C.B. | Sta. 928 + 50 | 821.80 |
| 18" I-2 @ | Outlet | Sta. 928 + 50 | 820.50 |
| 8" I-2 @ | Std. #4 C.B. | Sta. 928 + 50 | 822.63 |

EQUATION
Sta. 891 + 50.47 Bk. =
Sta. 927 + 50.00 Ah.

(D) DRAINAGE

| REF. NO. | STATION | CLASS. STORM SEWER UNDER OR M-68(LB) | SIDE PAVT SEC M-65(LB) OR M-68(LB) | I-4 | | I-5 | | I-8 | I-10 | I-10 | S-1 | S-4 | E-2 | E-2 | S-29 |
|----------|---------|--------------------------------------|------------------------------------|-----------------------------|-----------------------------|-------------|-----------|-------------------------|---------|---------|----------|------|------|------|------|
| | | | | 8" OUT-LET PIPE UNDER DRAIN | 6" OUT-LET PIPE UNDER DRAIN | 6" INCREASE | 6"x6" TEE | | | | | | | | |
| FROM | TO | L.F. | L.F. | L.F. | L.F. | L.F. | L.F. | STANDARD #4 CATCH BASIN | SODDING | SODDING | CL. C.Y. | LBS. | C.Y. | C.Y. | C.Y. |
| I-D | 890+00 | 936+00 | 71/1 | 996 | | | | | | | | | | | |
| 2-D | 890+00 | 936+00 | 57/1 | 996 | | | | | | | | | | | |
| 3-D | 890+00 | 936+00 | 57/1 | 1028 | | | | | | | | | | | |
| 4-D | 890+00 | 936+00 | 7/1 | 1024 | | | | | | | | | | | |
| 5-D | 928+50 | | 100 | | | | | | | | | | | | |
| 6-D | 929+00 | 930+00 | | | | | | | | | | | | | |
| 7-D | 931+50 | 932+75 | | | | | | | | | | | | | |
| 8-D | 933+00 | 936+00 | | | | | | | | | | | | | |
| 9-D | 934+00 | 936+00 | | | | | | | | | | | | | |
| | | SUB-TOTAL | | | | | | | | | | | | | |
| | | SODDING LEFT DITCH | | | | | | | | | | | | | |
| | | SODDING RIGHT DITCH | | | | | | | | | | | | | |

| STATION | DEPTH OF SLOPES | | WIDTH OF SODDING | LENGTH | S.Y. |
|---------|-----------------|--------------------|------------------|--------|------|
| | FT. | FT. | | | |
| 928+00 | 2 | 4 | 6 | 50 | 28 |
| 928+50 | 1 | 8 | 6 | 50 | 35 |
| 930+00 | 1 | 8 | 6 | 6 | |
| 931+50 | 1 | 8 | 6 | 6 | |
| 932+75 | 2 | 4 | 6 | 125 | 83 |
| 933+90 | 3 | 4 | 4 | 4 | |
| 934+50 | 4 | 4 | 4 | 5 | |
| 935+00 | 4 | 4 | 6 | 100 | 31 |
| 936+00 | 3 | 4 | 6 | 50 | 61 |
| | | SUB-TOTAL | | | 271 |
| | | SODDING LEFT DITCH | | | |
| 933+00 | 2 | 8 | 6 | 68 | 41 |
| 933+60 | 1 | 8 | 6 | 5 | |
| 933+70 | 5 | 4 | 6 | 9 | |
| 934+00 | 3 | 4 | 6 | 7 | |
| 934+50 | 3 | 4 | 6 | 50 | 28 |
| 935+00 | 4 | 6 | 6 | 9 | |
| 935+50 | 4 | 8 | 6 | 9 | |
| 936+00 | 5 | 8 | 6 | 11 | |
| | | SUB-TOTAL | | | 268 |

| | | |
|------------------|---|-------------|
| ENCAVATION | = | 7,747 C.Y. |
| EMBANKMENT | = | 19,406 C.Y. |
| EMBANKMENT + 22' | = | 23,676 C.Y. |

(S) STRUCTURES

| REF. NO. | STATION | FROM | TO | SIDE | TO | RT. | LT. | TOTAL |
|----------|---------|-----------|----|------|----|-----|------|-------|
| 1-R | 931+00 | 936+00 | | | | 500 | 2375 | |
| 2-R | 933+26 | 935+63.5 | | | | 50 | 7375 | |
| | | SUB-TOTAL | | | | | | 7375 |

(R) ROADWAY

| REF. NO. | STATION | FROM | TO | SIDE | TO | RT. | LT. | TOTAL |
|----------|---------|-----------|----|------|----|-----|------|-------|
| 1-R | 931+00 | 936+00 | | | | 500 | 2375 | |
| 2-R | 933+26 | 935+63.5 | | | | 50 | 7375 | |
| | | SUB-TOTAL | | | | | | 7375 |