

FOR CULVERT DETAILS SEE SHEETS NO. 257 & 258
FOR ACCELERATION LANE PAVEMENT TRANSITION SEE SHEET NO. 31

FOR DETAILS ON RICHMOND ST. SEE SHEETS NO. 143-154

FOR BASEMENT BACKFILL QUANTITIES SEE SHEET NO. 149

STRUCTURES F-329(18)

SECTION "A-A" THROUGH DUMPED ROCK LT. STA. 676 + 50 SEE SHEET NO. 30

FOR UTILITY RELOCATION OR ADJUSTMENT DETAILS SEE SHEETS NO. 143-154.

| REF. NO. | STATION | STRUCTURES F-329(18) | | | |
|----------|---------|----------------------|--------------|---------------------------|--------------|
| | | EXC. FOR STRUCT. | CHANNEL EXC. | CONC. FOR STRUCT. CL. "C" | REINF. STEEL |
| | | C.Y. | C.Y. | C.Y. | LBS. |
| I-S | 677+46 | 68 | 1,703 | 123.0 | 15,438 |
| TOTAL | | 68 | 1,703 | 123.0 | 15,438 |

LAKE COUNTY LAK-2-14.22

MICROFILMED

JUL 8 1986

STA. 680+00.83 FG-329(18) U-329(18)

CURVE DATA
P.I. Sta. 674 + 94.54
Δ = 33° 18' 45" Lt.
D = 1° 15' 00"
R = 4583.66'
L = 2665.01'
T = 1371.35'
E = 200.74'

④ DRAINAGE F-329(18)

| REF. NO. | STATION | SIDE | CLASS A-1 PIPE SEC. 66(18) OR M&B (18) 15" SHALLOW | CLASS F-1 PIPE 15" SHALLOW | CLASS I-3 | 15" MOD. #5 C.B. | I-5 FOR CL.FI PIPE | I-8 MOD. #5 C.B. | I-10 | I-2 | DUMPED MASONRY ROCK CHANNEL PROTECT. | |
|----------|---------|------|--|----------------------------|-----------|------------------|--------------------|------------------|------|-----|--------------------------------------|------|
| | | | | | | | | | | | EA. | C.Y. |
| I-D | 676+50 | C | | | | | | | | | | |
| 2-D | 675+00 | Rt. | 72 | 74 | | | | | | | 2 | 2.9 |
| 3-D | 675+00 | Lt. | | | 192 | | | | | | | 3.2 |
| TOTAL | | | 72 | 74 | 174 | | | | | | 2 | 2.9 |

④ DRAINAGE U-329(18)

| REF. NO. | STATION | SIDE | CLASS A-1 PIPE SEC. 66(18) OR M&B (18) 15" SHALLOW | CLASS I-1 | CLASS I-5 | CLASS I-8 | CLASS I-2 | DUMPED MASONRY (HEADWALL) | |
|----------|---------|------|--|-----------|-----------|-----------|-----------|---------------------------|------|
| | | | | | | | | EA. | C.Y. |
| 4-D | 681+82 | Lt. | | 94 | 10 | | | | |
| 5-D | 681+90 | Rt. | | 311 | | | | | |
| 6-D | 682+52 | Lt. | | 123 | | | | | |
| 7-D | 682+12 | Rt. | | 140 | | | | | |
| 8-D | 682+50 | C | 80 | | | | | | 3.2 |
| TOTAL | | | 80 | 668 | 10 | | | | 3.2 |

④ ROADWAY F-329(18)

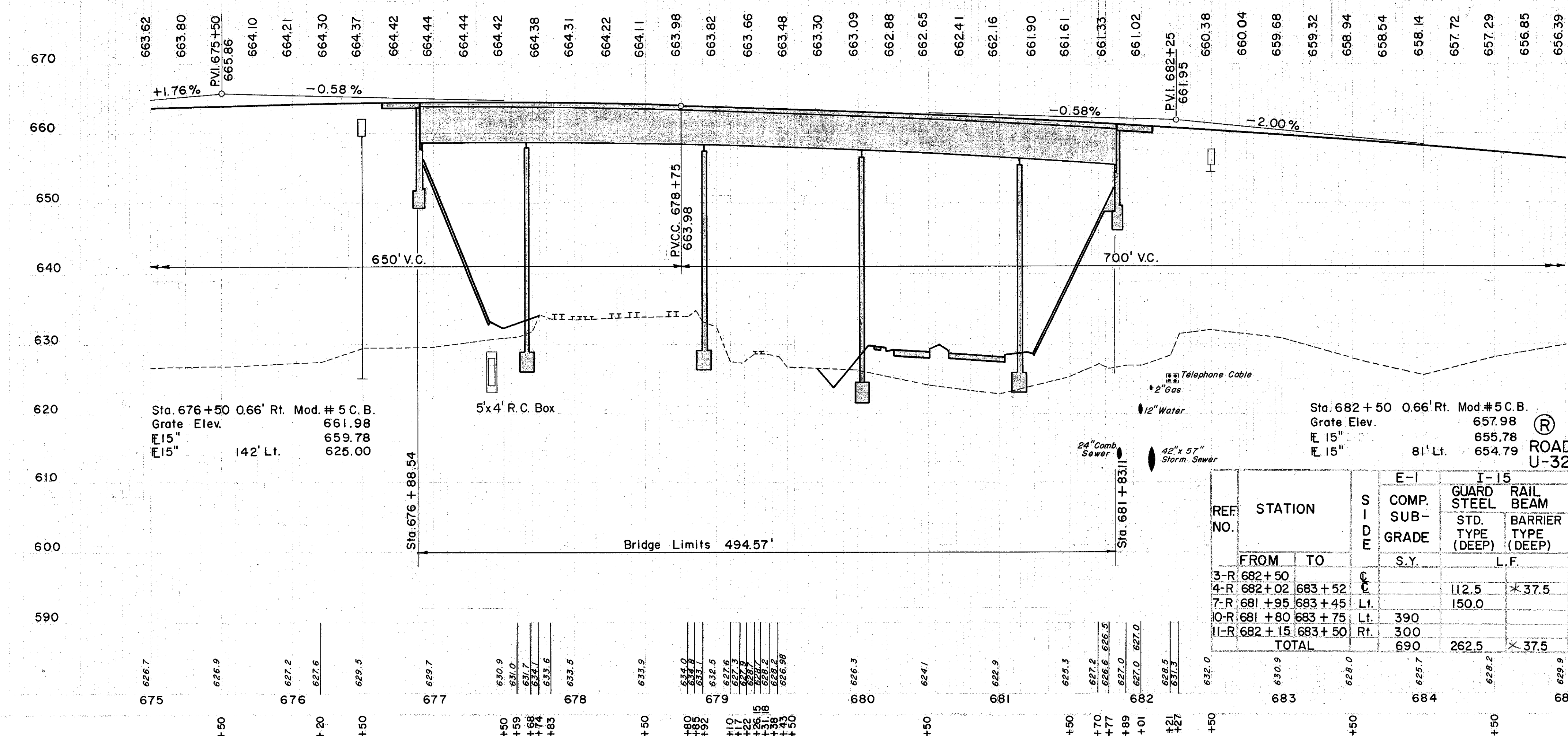
#No Federal Participation

| REF. NO. | STATION | SIDE | COMP. SUB-GRADE S.Y. | E-1 GUARD RAIL STEEL BEAM STD. TYPE (DEEP) | I-15 GUARD RAIL STEEL BEAM BARRIER TYPE (DEEP) | L-10 SODDING |
|----------|---------|------|----------------------|--|--|--------------|
| | | | | | | |
| 1-R | 676+50 | C | | | | 12.7 |
| 2-R | 675+25 | Rt. | | 112.5 | 37.5 | |
| 5-R | 675+02 | Lt. | | 150 | | |
| 6-R | 674+98 | Rt. | | 187.5 | | |
| 9-R | 673+00 | Lt. | 606 | | | |
| 12-R | 675+00 | Rt. | | | | 335 |
| 13-R | 675+00 | Lt. | | | | 223 |
| 14-R | 677+46 | | | | | 3 |
| TOTAL | | | 606 | 450.0 | 37.5 | 573.7 |

BRIDGE NO. LAK-2-1471 FOR STRUCTURE DETAILS SEE SHEETS NO. 298-321

Sta. 680 + 56.97 Reloc. S.R. 2 = Sta. 30 + 30.08 Reloc. Richmond St.

NOTE: 6" CL. 3 etc. See Sheet 40.



④ PAVEMENT U-329(18)

| REF. NO. | STATION | SIDE | WATER-PROOFED BASE COURSE | I-7 REINF. CONC. APPR. SLABS T=13" | I-18 STAB. CR. AGGR. SHOULDERS & APPRS. | I-22 SUBBASE | T-31 BIT. MATERIAL #6 AGGR. | T-71 9" REINF. CONC. PVT. |
|----------|-----------|------|---------------------------|------------------------------------|---|--------------|-----------------------------|---------------------------|
| | | | | | | | | |
| 2-P | 681+80 | Lt. | 14 | | 25 | 73 | 43 | 227 |
| 3-P | 682+15 | Rt. | 10 | | 17 | 51 | 30 | 180 |
| 5-P | Structure | | | 198 | | | | |
| TOTAL | | | 24 | 198 | 42 | 124 | 73 | 407 |

④ PAVEMENT F-329(18)

| REF. NO. | STATION | SIDE | WATER-PROOFED BASE COURSE | I-7 REINF. CONC. APPR. SLABS T=13" | I-18 STAB. CR. AGGR. SHOULDERS & APPRS. | I-22 SUBBASE | T-31 BIT. MATERIAL #6 AGGR. | T-71 9" REINF. CONC. PVT. |
|----------|-----------|------|---------------------------|------------------------------------|---|--------------|-----------------------------|---------------------------|
| | | | | | | | | |
| I-P | 673+00 | Lt. | 31 | | 53 | 55 | 93 | 233 |
| 4-P | Structure | | | 167 | | | | |
| TOTAL | | | 31 | 167 | 53 | 55 | 93 | 233 |

④ ROADWAY U-329(18)

| REF. NO. | STATION | SIDE | COMP. SUB-GRADE | E-1 GUARD RAIL STEEL STD. TYPE (DEEP) | I-15 RAIL BEAM BARRIER TYPE (DEEP) | L-10 SODDING |
|----------|---------|------|-----------------|---------------------------------------|------------------------------------|--------------|
| | | | | | | |
| 3-R | 682+50 | | | | | 16.0 |
| 4-R | 682+02 | Rt. | | 112.5 | 37.5 | |
| 7-R | 681+95 | Lt. | | 150.0 | | |
| 10-R | 681+80 | Lt. | 390 | | | |
| 11-R | 682+15 | Rt. | 300 | | | |
| TOTAL | | | 690 | 262.5 | 37.5 | 16.0 |

SODDING LEFT DITCH

| STATION | WIDTH OF SODDING FT. | LENGTH OF SODDING FT. | S.Y. |
|-----------|----------------------|-----------------------|------|
| 675+00 | 12.9 | 163 | |
| 676+71 | 11.6 | | 223 |
| SUB-TOTAL | | | 223 |

SODDING RIGHT DITCH

| STATION | WIDTH OF SODDING FT. | LENGTH OF SODDING FT. | S.Y. |
|-----------|----------------------|-----------------------|------|
| 675+00 | 10.4 | 274 | |
| 677+65 | 11.6 | | 335 |
| SUB-TOTAL | | | 335 |

| | | | |
|------------------|---|-------------|-------------|
| EXCAVATION | = | 0 C.Y. | 569 C.Y. |
| EMBANKMENT | = | 61,658 C.Y. | 56,110 C.Y. |
| EMBANKMENT + 20% | = | 73,990 C.Y. | 67,332 C.Y. |

U-329(18) F-329(18)