

CFN 1972246
SLM 5.99, 12"
SEE SHEET 183

FOR DETAILS ON BIG CREEK
PARKWAY SEE SHEETS 45 & 46

FOR PAVEMENT DETAILS
SEE SHEET 165

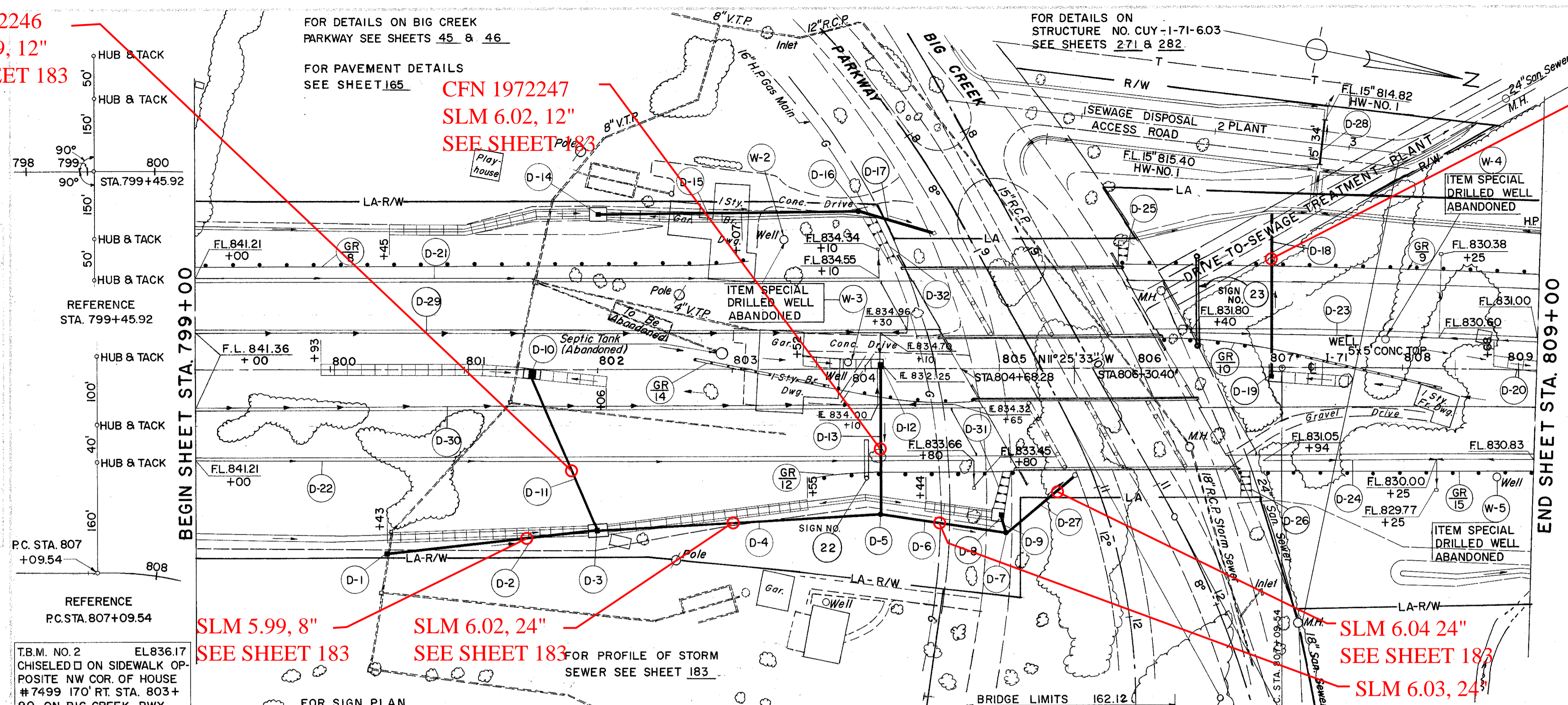
CFN 1972247
SLM 6.02, 12"
SEE SHEET 183

FOR DETAILS ON
STRUCTURE NO. CUY-1-71-603
SEE SHEETS 271 & 282

CFN XXXXXXX
SLM 6.08, 12"
SEE SHEET 183

| | | | |
|------------------------|---------------|---------|--------------------------|
| FED. RD. DIVISION 2 | STATE OHIO | PROJECT | FISCAL YEAR 25 353 |
|------------------------|---------------|---------|--------------------------|

CUYAHOGA COUNTY
CUY-71-5.72



(D) DRAINAGE

| REF. NO. | STATION | SIDE | I-1 | | | | | | I-2 | I-5 | | | | |
|----------|-------------------------|--------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------|------|---------|--------------------------|------|---|
| | | | 8" PIPE CLASS I-1 | 12" PIPE CLASS I-1 | 12" PIPE CLASS J-1 | 12" PIPE CLASS F-4 | 15" PIPE CLASS E-1 | 24" PIPE CLASS F-4 | | | MASONRY | 12" x 25" BEND CLASS F-4 | | |
| | | | LIN. FT. | | | | | | C.Y. | EACH | | | | |
| D-2 | 800+43 | 802+00 | RT. | 158 | | | | | | | | | | |
| D-4 | 802+00 | 804+10 | RT. | | | | | | 210 | | | | | |
| D-6 | 804+10 | 805+05 | RT. | | | | | | 95 | | | | | |
| D-9 | 805+00 | 805+05 | RT. | | 14 | | | | | | | | | |
| D-11 | 801+50 | 802+00 | RT. | | | 124 | | | | | | | | |
| D-13 | 804+10 | 804+10 | RT. | | | 112 | | | | | | | | |
| D-15 | 802+00 | 803+95 | LT. | | | | 195 | | | | | | | |
| D-17 | 803+95 | E.8+74 | LT. | | | | 58 | | | | | | | |
| D-18 | 807+00 | 807+00 | LT/RT | | 93 | 31 | | | | 0.23 | 2 | | | |
| D-27 | 805+05 | 805+57 | RT. | | | | | | 66 | | | | | |
| D-28 | 2+80 S.D.P. ACCESS ROAD | | | | | | | | 34 | 3.40 | | | | |
| TOTAL | | | | 158 | 14 | 329 | 31 | 195 | 58 | 34 | 305 | 66 | 3.63 | 2 |

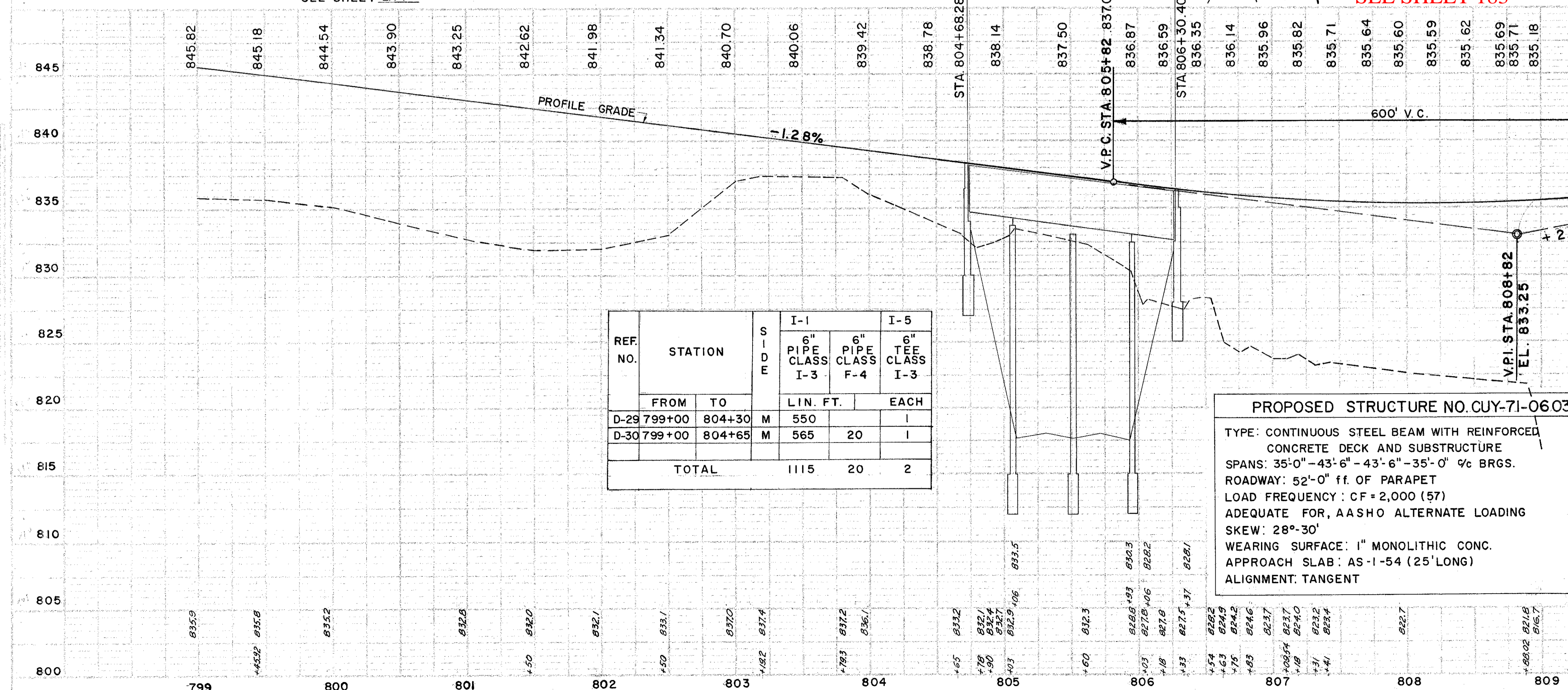
| REF. NO. | STATION | SIDE | I-5 | | | | |
|----------|---------|--------|-------------------|-------------------|-------------------|-------------------------|---|
| | | | 6" PIPE CLASS J-1 | 6" PIPE CLASS I-3 | 6" PIPE CLASS F-4 | 6" x 90° BEND CLASS I-3 | |
| | | | LIN. FT. | | | | |
| D-21 | 799+00 | 804+10 | LT. | | 520 | 10 | 1 |
| D-22 | 799+00 | 804+80 | RT. | | 590 | 20 | 1 |
| D-23 | 806+36 | 809+00 | LT. | 42 | 276 | 10 | 1 |
| D-24 | 806+94 | 809+00 | RT. | | 219 | 10 | 1 |
| TOTAL | | | | 42 | 1605 | 50 | 2 |

SLM 5.99, 8"
SEE SHEET 183

SLM 6.02, 24"
SEE SHEET 183

SLM 6.04 24"
SEE SHEET 183

SLM 6.03, 24"
SEE SHEET 183



| REF. NO. | STATION | SIDE | I-1 | | I-5 | |
|----------|---------|--------|-------------------|-------------------|------------------|------------------|
| | | | 6" PIPE CLASS I-3 | 6" PIPE CLASS F-4 | 6" TEE CLASS I-3 | 6" TEE CLASS I-3 |
| | | | LIN. FT. | | EACH | |
| D-29 | 799+00 | 804+30 | M | 550 | | 1 |
| D-30 | 799+00 | 804+65 | M | 565 | 20 | 1 |
| TOTAL | | | | 1115 | 20 | 2 |

PROPOSED STRUCTURE NO. CUY-71-0603
TYPE: CONTINUOUS STEEL BEAM WITH REINFORCED CONCRETE DECK AND SUBSTRUCTURE
SPANS: 35'-0" - 43'-6" - 43'-6" - 35'-0" 1/2 BRGS.
ROADWAY: 52'-0" ff. OF PARAPET
LOAD FREQUENCY: CF = 2,000 (57)
ADEQUATE FOR, AASHO ALTERNATE LOADING
SKEW: 28°-30'
WEARING SURFACE: 1" MONOLITHIC CONC.
APPROACH SLAB: AS-1-54 (25' LONG)
ALIGNMENT: TANGENT

| REF. NO. | STATION | SIDE | I-8 | | | | L-120 | L-10 | I-8 | |
|----------|---------|--------|--------------------|------------------------|------------------------|------------------------|-------|------|------|--------------|
| | | | STD. NO. 1 MANHOLE | STD. NO. 4 CATCH BASIN | STD. NO. 5 CATCH BASIN | STD. NO. 8 CATCH BASIN | | | | JUTE MATTING |
| | | | EACH | | | | S.Y. | S.Y. | EACH | |
| D-1 | 800+43 | 802+00 | RT. | | | | | | 1 | |
| D-3 | 800+43 | 803+55 | RT. | | | 1 | | | 256 | |
| D-5 | 804+10 | | RT. | | | 1 | | | | |
| D-7 | 805+05 | | RT. | | | 1 | | | | |
| D-8 | 804+44 | 805+00 | RT. | | | | 1 | | 43 | |
| D-10 | 799+98 | 802+06 | RT. | | | | | | 170 | |
| D-12 | 803+52 | 804+10 | RT. | | | | | | 43 | |
| D-14 | 800+45 | 803+07 | LT. | | | | 1 | | 208 | |
| D-16 | 803+95 | | LT. | | | | | | | |
| D-19 | 807+00 | 807+58 | RT. | | | | | | 43 | |
| D-20 | 808+68 | 809+00 | RT. | | | | | | 27 | |
| D-25 | 805+91 | | LT. | | | | | | 13 | |
| D-26 | 806+80 | | RT. | | | | | | 23 | |
| D-31 | 805+05 | | RT. | | | | | | 20 | |
| D-32 | 804+10 | | LT. | | | | | | 30 | |
| TOTAL | | | | 3 | 1 | 3 | 2 | 790 | 86 | 1 |

| ROADWAY | | | | DRAINAGE | | |
|----------|----------|---------|----------|----------|----------------------|---------------------|
| ITEM NO. | STATION | SIDE | LIN. FT. | REF. NO. | LOCATION | |
| GR-8 | 799+00 | 803+095 | LT. | 409.5 | W-2 803+32, 105' LT. | |
| GR-9 | 805+91.5 | 809+00 | LT. | 311 | W-3 803+89, 4' LT. | |
| GR-10 | 806+135 | 808+85 | M. | 112.5 | 100 | W-4 807+76, 24' LT. |
| GR-12 | 803+33 | 805+08 | RT. | 175 | 175 | W-5 808+75, 80' RT. |
| GR-14 | 802+74 | 804+865 | M. | 112.5 | 100 | TOTAL |
| GR-15 | 806+73 | 809+00 | RT. | 225 | | 4 |
| TOTAL | | | | 1170.5 | 175 | 200 |

PLAN & PROFILE — STA. 799+00 TO STA. 809+00

* AS PER PLAN