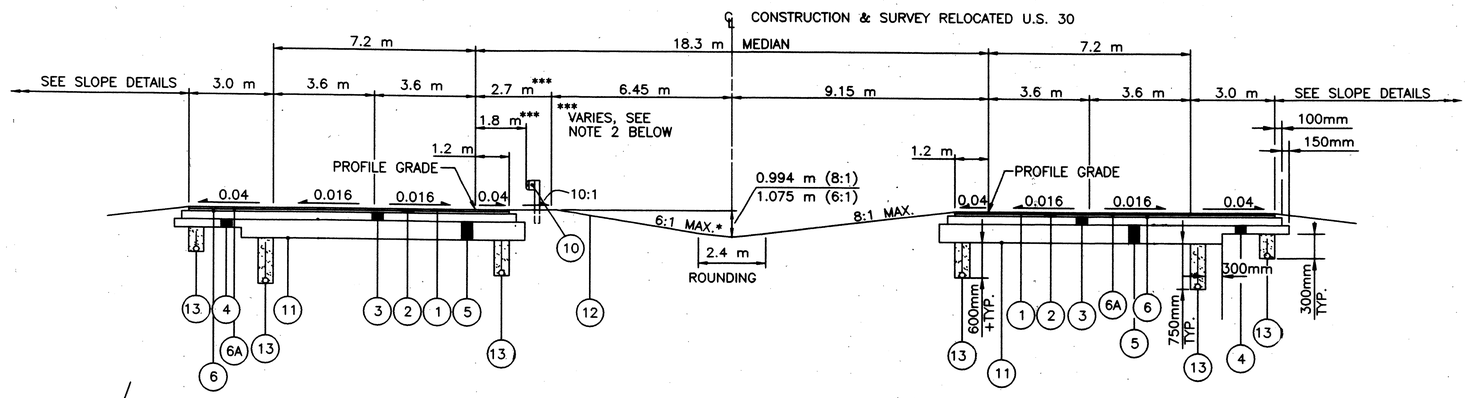
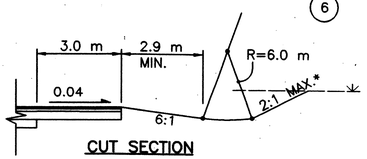



CUT SECTION

* UNLESS OTHERWISE SHOWN ON CROSS SECTION

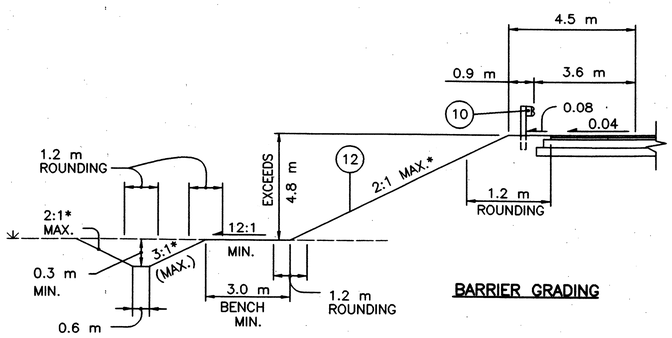
## NORMAL SECTION

| | | |
|---|---|---|
| STA. 15+865.000 TO STA. 16+132.543 | = | 267.543 m |
| STA. 16+225.681 TO STA. 17+714.466 | = | 1488.785 m |
| STA. 17+810.484 TO STA. 18+221.611 | = | 411.127 m |
| STA. 18+288.173 TO STA. 23+816.308 | = | 5528.135 m |
| TOTAL | = | 7695.590 m |

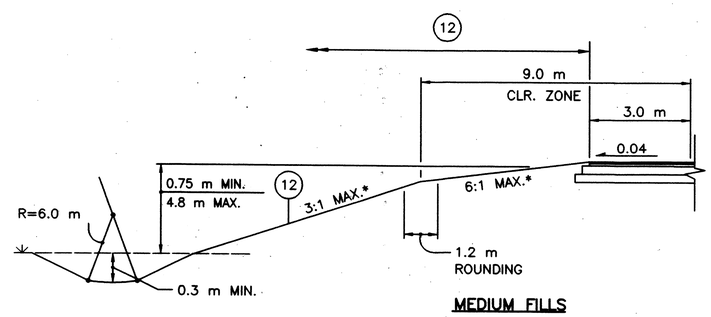
* UNLESS OTHERWISE SHOWN ON CROSS SECTION

*** VARIES SEE NOTE 2 BELOW

\+ UNLESS OTHERWISE SHOWN ON UNDERDRAIN QUANTITY SHEETS.

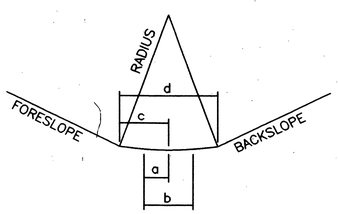



BARRIER GRADING




MEDIUM FILLS

SEE BARRIER GRADING DETAIL FILLS OVER 4.8 m




| FORESLOPE | 6 m R | | BACKSLOPE 6:1 | | 4:1 | | 3:1 | | 2:1 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | a | c | b | d | b | d | b | d | b | d |
| 8:1 | 0.40 | 0.75 | 0.90 | 1.75 | 1.15 | 2.25 | 1.35 | 2.70 | 1.85 | 3.50 |
| 6:1 | 0.50 | 1.00 | 1.00 | 2.00 | 1.25 | 2.50 | 1.50 | 2.90 | 1.95 | 3.75 |
| 4:1 | 0.75 | 1.45 | 1.25 | 2.50 | 1.50 | 2.95 | 1.75 | 3.40 | 2.20 | 4.20 |
| 3:1 | 1.00 | 1.95 | 1.50 | 2.90 | 1.75 | 3.40 | 2.00 | 3.85 | 2.45 | 4.65 |

## NOTES:

1. ALL SLOPE BREAKS TO HAVE MIN. 1.2 m ROUNDING EXCEPT AS OTHERWISE NOTED.
2. THE GRADING ALONG THE GUARDRAIL SHALL BE AS PER THE CROSS SECTIONS AND THE APPROPRIATE STANDARD CONSTRUCTION DRAWINGS FOR THE CORRESPONDING ANCHOR ASSEMBLY.
3. FOR APPROACH SLAB DETAILS. SEE SHEET 17A OF 524.

## LEGEND

1. ITEM 446 – 38 mm ASPHALT CONCRETE SURFACE COURSE, TYPE 1H
1A. ITEM 448 – 32 mm ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64–22
2. ITEM 446 – 45 mm ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG 64–28
2A. ITEM 448 – 45 mm ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG 64–22
3. ITEM 302 – 205 mm BITUMINOUS AGGREGATE BASE, PG 64–22
3B. ITEM 301 – 100 mm BITUMINOUS AGGREGATE BASE, PG 64–22
3C. ITEM 302 – 200 mm BITUMINOUS AGGREGATE BASE, PG 64–22
4. ITEM 304 – 150 mm AGGREGATE BASE, *AS PER PLAN*
5. ITEM 304 – 250 mm AGGREGATE BASE, *AS PER PLAN*
5A. ITEM 304 – 200 mm AGGREGATE BASE, *AS PER PLAN*
6. ITEM 407 – TACK COAT, AS PER PLAN (SEE GENERAL NOTES)
6A. ITEM 407 – TACK COAT FOR INTERMEDIATE COURSE (SEE GENERAL NOTES)
7. *NOT USED*
9. ITEM 605 – AGGREGATE DRAINS
10. ITEM 606 – GUARDRAIL, TYPE 5
11. ITEM 203 – SUBGRADE COMPACTION
12. ITEM 870 – SEEDING AND MULCHING (SEE GENERAL NOTES)
13. ITEM 605 – 150mm SHALLOW PIPE UNDERDRAIN
14. ITEM 611 – REINFORCED CONCRETE APPROACH SLAB, (T=380 mm)

**NOTE: MAINLINE U.S. 30 AND RAMPS PAVEMENT WARRANTY**
THE MAINLINE ON U.S. 30 AND THE RAMPS PAVEMENT BUILDUP SHOWN ON THE TYPICAL SECTIONS AS REFERENCES 1, 2, 3, 6 AND 6A ARE FOR INFORMATION ONLY. THESE ITEMS ARE TO BE REPLACED BY ITEM 880 ASPHALT CONCRETE (7 YEAR WARRANTY).

# TYPICAL SECTIONS – MAINLINE

CRA–30–15.865



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