



CALCULATION OF HEIGHT OF TEMP SOIL SUPPORT

SOIL RETENTION SCHEDULE

| NBDR STATION | HEIGHT OF RETENTION FT (SET 6" BEHIND BARRIER BASE) | SOIL RETENTION AREA SF |
|---------------------------------|---|------------------------|
| 2216+00 | 0.00 | 0.0 |
| 2216+50 | 0.83 | 41.5 |
| 2217+00 | 0.75 | 37.5 |
| 2217+50 | 0.60 | 30.0 |
| 2218+00 | 0.64 | 32.0 |
| 2218+50 | 0.85 | 42.5 |
| 2219+00 | 0.89 | 44.5 |
| 2219+50 | 0.55 | 27.5 |
| 2220+00 | 0.81 | 40.5 |
| 2220+50 | 0.67 | 33.5 |
| 2221+00 | 0.00 | 0.0 |
| 2259+50 | 0.00 | 0.0 |
| 2260+00 | 0.00 | 0.0 |
| 2260+50 | 0.90 | 45.0 |
| 2261+00 | 0.00 | 0.0 |
| * NUMBER OF DRAINAGE STRUCTURES | 89 | 7120.0 |
| ** 2207+50 - 2208+29 | | 369.0 |
| ** 2253+24 - 2254+45 | | 729.0 |
| *** WB CONNECTOR | | 3463.0 |
| TOTAL | | 12055.5 |

- * 80 SF OF SOIL RETENTION IS REQUIRED FOR EACH DRAINAGE STRUCTURE. SEE DRAINAGE SCHEDULES FOR DRAINAGE STRUCTURES REQUIRING RETENTION
- ** AREA REFLECTS SOIL RETENTION SYSTEM REQUIRED IN ADDITION TO THAT REQUIRED FOR THE PROPOSED DRAINAGE STRUCTURES, SEE SHEET 121.
- *** AREA REFLECTS SOIL RETENTION SYSTEM REQUIRED FOR TEMPORARY SOIL RETENTION ALONG THE WB CONNECTOR, SEE FOLLOWING SHEET FOR SECTIONS AND SCHEDULE (SHEET 157).

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)

MISCELLANEOUS DETAILS:
TEMPORARY SOIL RETENTION SECTIONS
AND SCHEDULE ALONG CTA

SCALE: NONE
DATE: MARCH 7, 2006

DRAWN BY: JJS
CHECKED BY: JPM