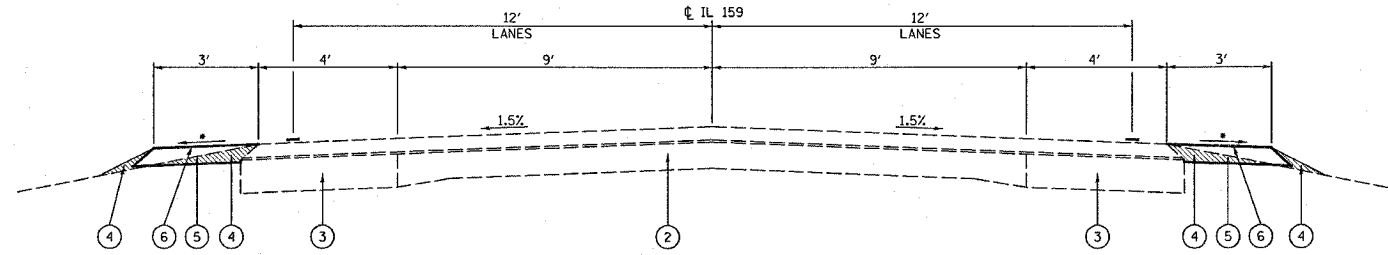
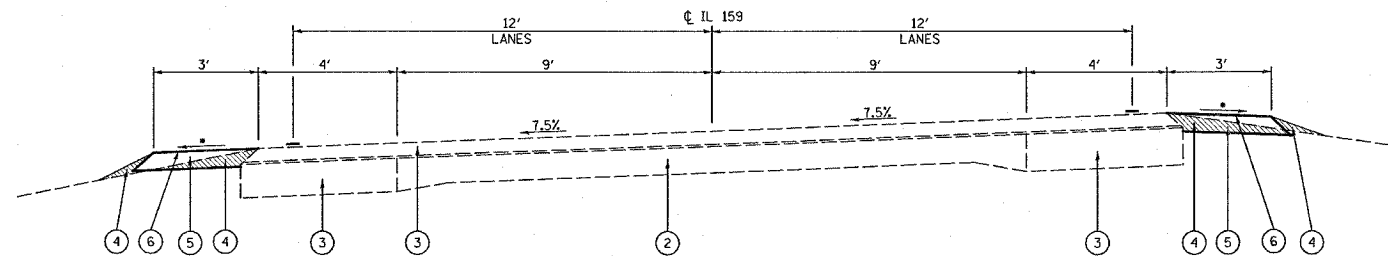


| | | | | |
|---------------------|-----------------|------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 604 & 789 | 103RS-1, 56RS-2 | MADISON | 8 | 4 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



**LOCATION #1 TANGENT SECTION
IL 159 FROM TRANQUILITY RIDGE
TO ST. JAMES RD.**
MI. STA. 0.03 TO MI. STA. 0.04
MI. STA. 0.26 TO MI. STA. 0.40
* SEE STANDARD 482001 FOR BITUMINOUS
SHOULDER SLOPES ADJACENT TO FLEXIBLE
PAVEMENT



**LOCATION #1 SUPERELEVATION SECTION
IL 159 FROM TRANQUILITY RIDGE
TO ST. JAMES RD.**
MI. STA. 0.04 TO MI. STA. 0.26
* SEE STANDARD 482001 FOR BITUMINOUS
SHOULDER SLOPES ADJACENT TO FLEXIBLE
PAVEMENT

- ① EXISTING BITUMINOUS OVERLAY - 3 3/4"
- ② EXISTING PAVEMENT - 9-6-9
- ③ EXISTING BITUMINOUS BASE COURSE WIDENING - 9"
- ④ PROPOSED GRADING AND EXCAVATING EXISTING SHOULDERS
- ⑤ PROPOSED BITUMINOUS SHOULDER - 8"
- ⑥ PROPOSED RUMBLE STRIP

| MIXTURE USE | SHOULDERS | TOP LIFT SHOULDERS |
|--|----------------|--------------------|
| AC/PG | PG 58-22 | PG 58-22 |
| RAP % (MAX) | 30% | 30% |
| DESIGN AIR VOIDS | 2.0% @ Ndes=30 | **2.0% @ Ndes=30 |
| MIX COMPOSITION (GRADATION MIXTURE) | | |
| FRICTION AGG | BAM | BAM |

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.

PLT DATE * DATE *
 PLOT SCALE * SCALE *
 REFERENCE * REF *

| NAME | DATE |
|------|------|
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
LOCATION #1
 FAP 604 & 789
 SECTION 103RS-1, 56RS-2
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____