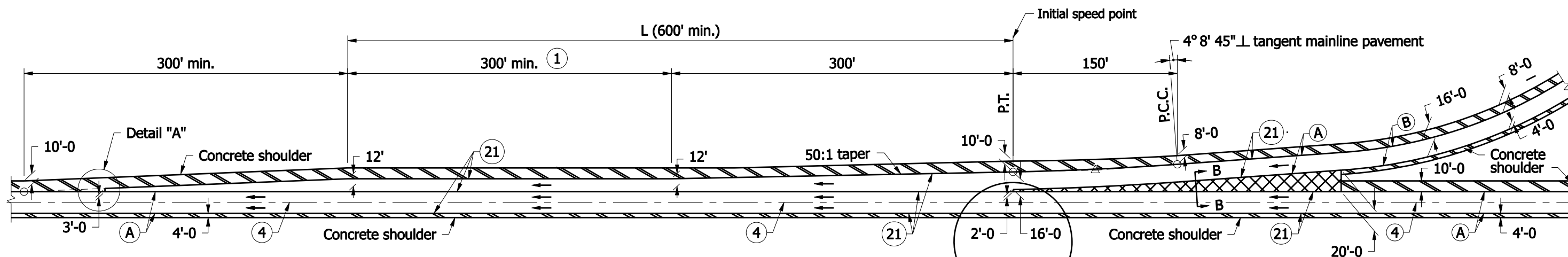


**GENERAL NOTES**

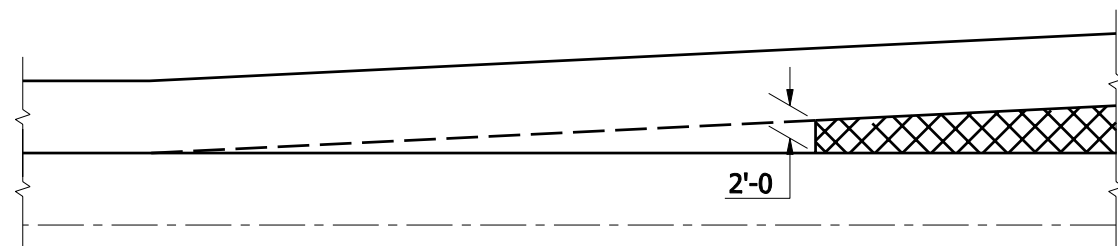
- ① Pavement contraction joints shall be extended through the concrete shoulder in the gore areas.
- ② Shoulder corrugations shall be omitted in this area.
- ③ Any required additional length of L above the 600' minimum shall be added to the length of this parallel lane segment.  
(Example: required L = 700' then this parallel lane segment length = 400')
4. See tables on Standard Drawing E 401-REBS-04.
5. See Standard Drawing E 401-REBS-03 for Section B-B.

**CURVE DATA**

$\Delta = 3^{\circ}00'00''$   
 $R = 2864.79'$   
 $T = 75.02'$   
 $L = 150.0'$   
 $E = 0.98'$



**ENTRANCE**



**DETAIL "A"**

**LEGEND**

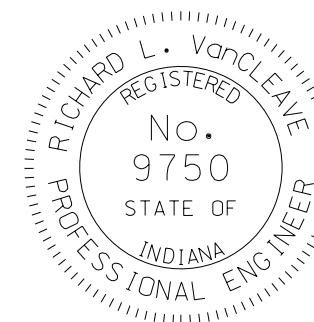
- Ⓐ Pavement type and thickness as specified for the mainline.
- Ⓑ Pavement type and thickness as specified for ramps.
- ④ Longitudinal joint
- ②① Longitudinal construction joint
- ▨ Concrete shoulder (Thickness of mainline pavement)
- ▩ Concrete shoulder (Thickness as specified on Typical Sections)

**INDIANA DEPARTMENT OF TRANSPORTATION**

**RAMP ENTRANCE TERMINAL  
 CONCRETE SHOULDER**

**SEPTEMBER 2008**

**STANDARD DRAWING NO. E 501-RECS-01**



**DESIGN STANDARDS ENGINEER**

*/s/ Richard L. VanCleave* 09/02/08  
 DESIGN STANDARDS ENGINEER DATE

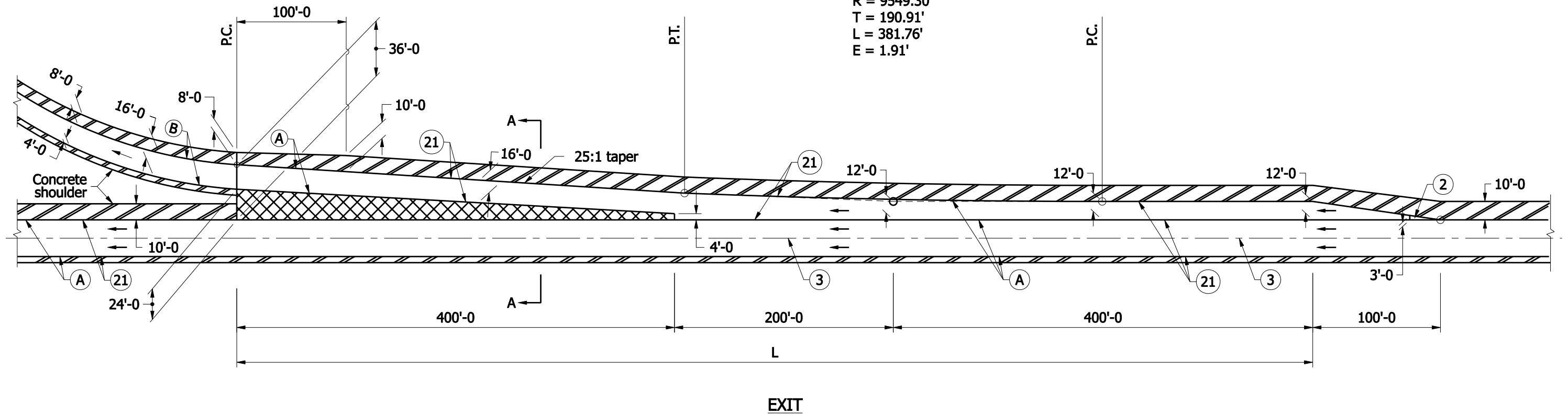
*/s/ Mark A. Miller* 09/02/08  
 CHIEF HIGHWAY ENGINEER DATE

**GENERAL NOTES**

- ① Pavement contraction joints shall be extended through the concrete shoulder in the gore areas.
- ② Shoulder corrugations shall be omitted in this area.
3. See tables on Standard Drawing E 401-REBS-04.
4. See Standard Drawing E 501-RECS-03 for Section A-A.

**CURVE DATA**

$\Delta = 2^\circ 17' 26''$   
 $R = 9549.30'$   
 $T = 190.91'$   
 $L = 381.76'$   
 $E = 1.91'$



**LEGEND**

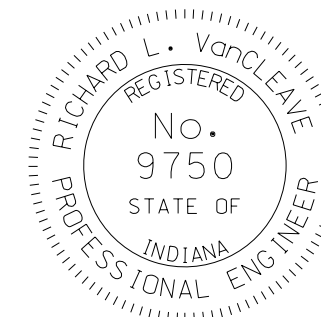
- Ⓐ Pavement type and thickness as specified for the mainline.
- Ⓑ Pavement type and thickness as specified for ramps.
- ③ Longitudinal joint
- ②① Longitudinal construction joint
- ▨ Concrete shoulder (Thickness of mainline pavement)
- ▩ Concrete shoulder (Thickness as specified on Typical Sections)

INDIANA DEPARTMENT OF TRANSPORTATION

RAMP EXIT TERMINAL  
 CONCRETE SHOULDER

SEPTEMBER 2008

STANDARD DRAWING NO. E 501- RECS-02



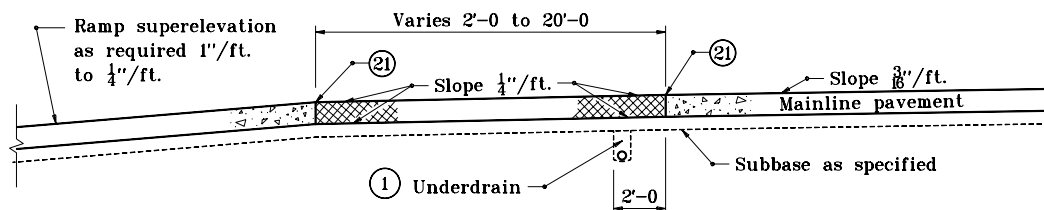
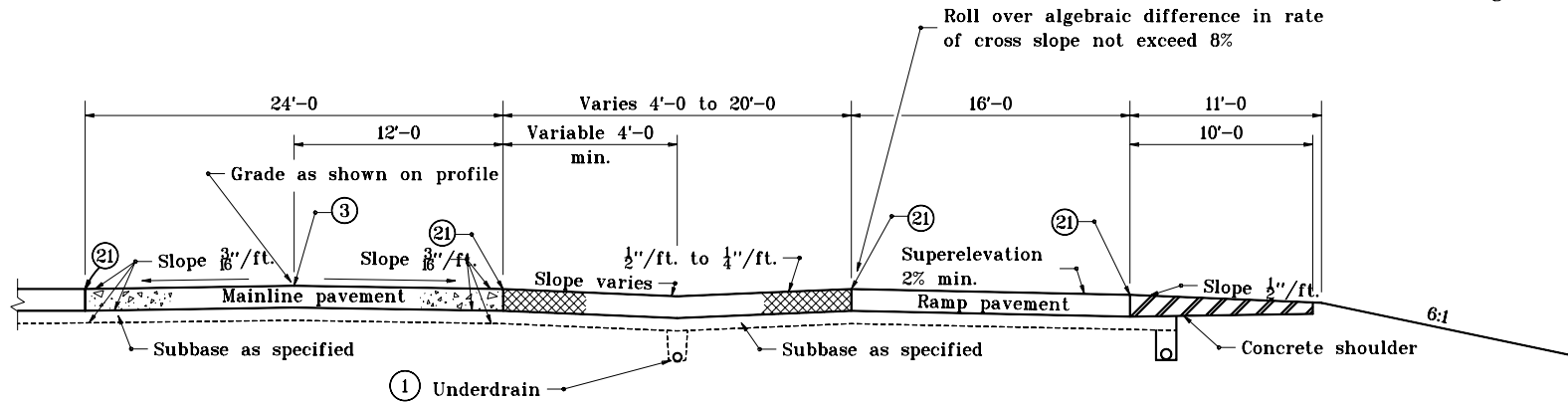
DESIGN STANDARDS ENGINEER

*/s/ Richard L. VanCleave* 09/02/08  
 DESIGN STANDARDS ENGINEER DATE

*/s/ Mark A. Miller* 09/02/08  
 CHIEF HIGHWAY ENGINEER DATE

**GENERAL NOTES**

- ① For underdrain details see Standard Drawing E 718-UNDR-01.



**LEGEND**

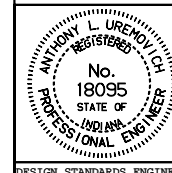
- Ⓐ Pavement type and thickness as specified for the mainline.
- Ⓑ Pavement type and thickness as specified for ramps.
- ③ Longitudinal joint
- ② Longitudinal construction joint
- ▨ Concrete shoulder (Thickness of mainline pavement)
- ▧ Concrete shoulder (Thickness as specified on Typical Sections)

INDIANA DEPARTMENT OF TRANSPORTATION

**RAMP CROSS SECTIONS  
CONCRETE SHOULDERS**

JANUARY 1999

STANDARD DRAWING NO. E 501-RECS-03



DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 11-15-99  
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 11-15-99  
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER

ORIGINALLY APPROVED 1-04-99