

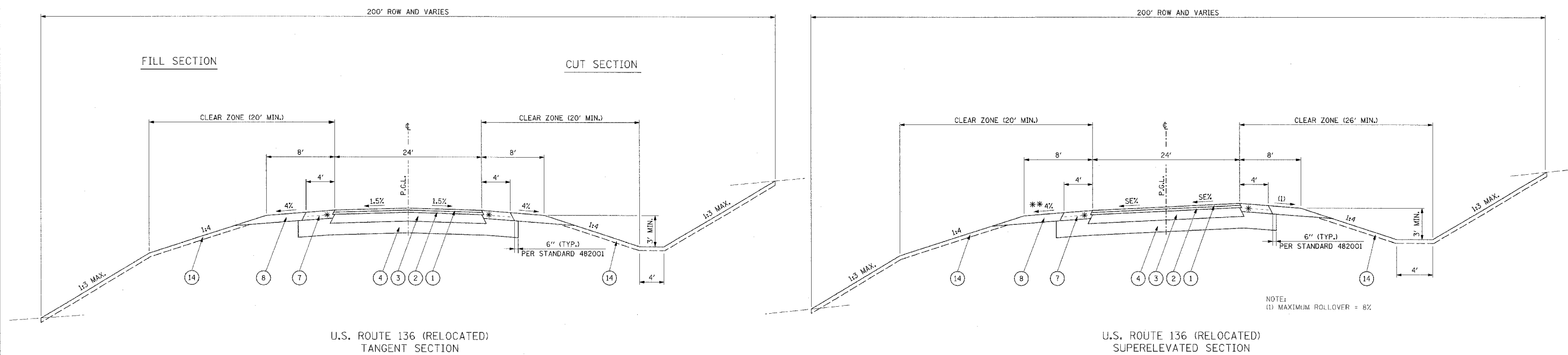
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	55-2	MCDONOUGH	1025	23
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

**PAVEMENT DESIGN INFORMATION**

STRUCTURAL DESIGN TRAFFIC: 2500      YEAR: 2018  
 PV = 2235      SU = 110      MU = 155  
 ROAD/STREET CLASSIFICATION: RURAL      CLASS: 1  
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
 PV = 50%      SU = 50%      MU = 50%  
 TRAFFIC FACTOR:      ACTUAL TF = 0.90      AC TYPE = 10  
    MINIMUM TF = 4.27  
 PG GRADE:      BINDER = 58-22      SURFACE = 58-22  
 SUBGRADE SUPPORTING RATING:  
 SSR = P00R

**LEGEND**

- ① POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE MIX D N70 2"
- ② POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0 N70 2 1/4"
- ③ BITUMINOUS CONCRETE BINDER COURSE SUPERPAVE IL-19.0 N70 9"
- ④ LIME MODIFIED SOIL (12" MIN.)
- ⑤ PIPE UNDERDRAINS 4"
- ⑥ SUB-BASE GRANULAR MATERIAL, TYPE C, 5.25"
- ⑦ BITUMINOUS SHOULDERS SUPERPAVE 8"
- ⑧ AGGREGATE SHOULDERS, TYPE B 8"
- ⑨ CONCRETE HEADWALL FOR PIPE DRAIN (PER STD 60101)
- ⑩ 10" TRENCH FOR PIPE UNDERDRAINS (PER STD 60100) TO BE INSTALLED WITH LASER-GUIDED TRENCHER
- ⑪ FA-4 OR FM-4 SAND (INCLUDED IN COST OF PIPE UNDERDRAINS 4")
- ⑫ BITUMINOUS WEDGE TO BE REMOVED PRIOR TO TRENCHING (INCLUDED IN COST OF "PIPE UNDERDRAINS 4")
- ⑬ PIPE UNDERDRAINS (SPECIAL) 4" (PER ARTICLE 601.04) AT 1% SLOPE
- ⑭ TOPSOIL FURNISH AND PLACE, 4"



U.S. ROUTE 136 (RELOCATED)  
TANGENT SECTION

STA. 10+25.00 TO STA. 20+22.00  
 STA. 31+68.00 TO STA. 31+74.65

U.S. ROUTE 136 (RELOCATED)  
SUPERELEVATED SECTION

STA. 1+18.00 TO STA. 10+25.00  
 STA. 20+22.00 TO STA. 31+68.00

\* CONSTRUCT ③ AND ②  
 CONSTRUCT ⑦ TO TOP OF ② PRIOR TO PLACING ①.  
 CONSTRUCT ① AND COMPLETE CONSTRUCTION OF ⑦.

\*\* 4% OR MATCH SE IF >4%

NOTE:  
(1) MAXIMUM ROLLOVER = 8%

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS  
U.S. ROUTE 136 (RELOCATED)**

DRAWN BY  
CHECKED BY

DATE