

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9173	04-00080-06-PV	ST. CLAIR	144	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
PROPOSED TYPICAL SECTIONS				
CONTRACT NO: 97418				

### LEGEND

- ① EXISTING AGGREGATE BASE
- ② EXISTING BITUMINOUS SURFACE
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24
- ④ EXISTING ASPHALT PAVEMENT, 11"
- ⑤ PROPOSED PROCESSING MODIFIED SOIL, 12"
- ⑥ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 4"
- ⑦ PROPOSED PCC PAVEMENT, 9", TYPE A FINAL FINISH (SEE HIGHWAY STANDARD 420601)
- ⑧ PROPOSED PAVEMENT FABRIC
- ⑨ PROPOSED SAWED LONGITUDINAL JOINT OR LONGITUDINAL CONSTRUCTION JOINT (SEE HIGHWAY STANDARD 420001)
- ⑩ PROPOSED CONCRETE GUTTER, TYPE A (SEE HIGHWAY STANDARD 606101)
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑫ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑬ PROPOSED COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 (SEE HIGHWAY STANDARD 606001)
- ⑭ PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6" (1 1/2" SURFACE COURSE, 4 1/2" BINDER COURSE) (INITIAL BINDER LIFT THICKNESS 2 1/4")
- ⑮ PROPOSED BITUMINOUS MATERIALS PRIME COAT & AGGREGATE PRIME COAT
- ⑯ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A, 8"
- ⑰ PROPOSED HOT-MIX ASPHALT BASE COURSE, 7"
- ⑱ PROPOSED HOT-MIX ASPHALT REMOVAL, 1 1/2"
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 1 1/2"
- ⑳ PROPOSED AGGREGATE SHOULDERS, TYPE A, 6"

### STRUCTURAL DESIGN DATA

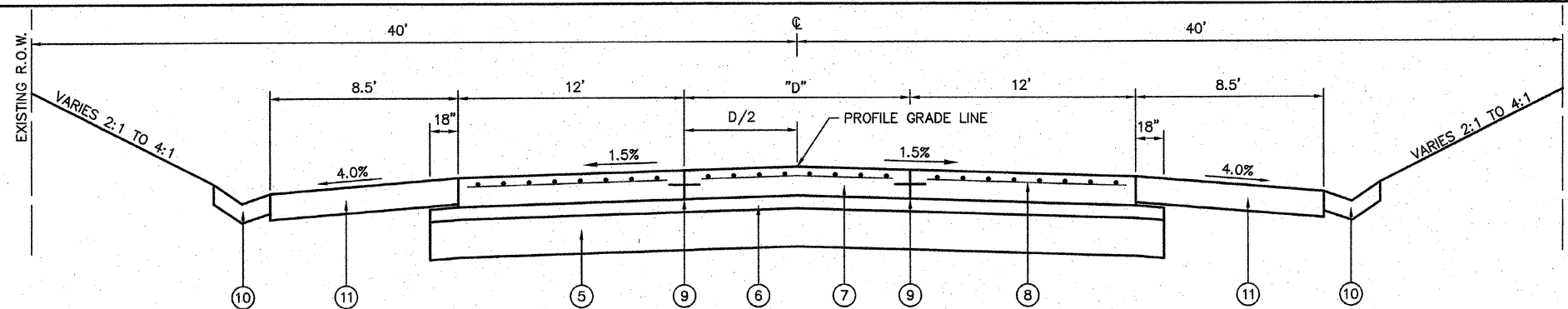
SDT = 5,800 (2018)  
 CLASS II  
 DP = 20 YEARS  
 PV = 4930 (85%)  
 SU = 580 (10%)  
 MU = 290 (5%)  
 TF = 2.44

9" PROPOSED PCC PAVEMENT  
 4" SUB-BASE GRANULAR MATERIAL  
 12" LIME MODIFIED SOIL

MIXTURE REQUIREMENTS				
MIXTURE USE	BASE CRSE	SURFACE CRSE	BINDER	SHOULDER
AC/PG	PG64/22	PG64/22	PG64.22	PG55.22
RAP% <MAX>	15%	10%	15%	40%
DESIGN AIR VOIDS	4% @ N70	4% @ N70	4% @ N70	2% @ N70
MIX COMP. GRAD. MIX	IL 19.0 OR IL 25.0	IL-12.5	IL 19.0 OR IL 25.0	
FRICTION AGG	BINDER B	MIX C	BINDER B	BAM

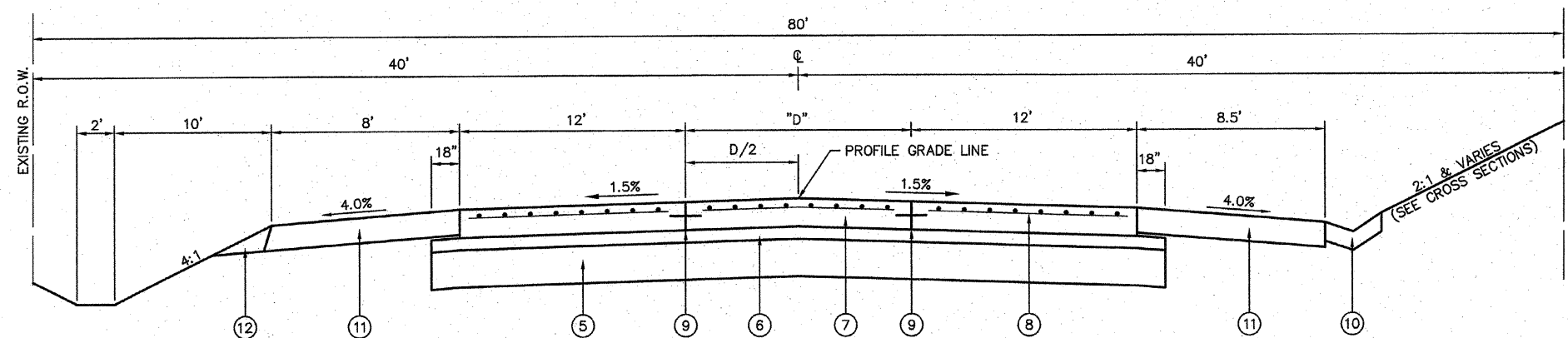
### TYPICAL SECTION NOTES:

1. SEE CROSS SECTIONS FOR VARIABLE EARTH SLOPES.
2. SEE PLAN AND PROFILE SHEETS FOR R.O.W. WIDTHS.



### PROPOSED O'FALLON-TROY ROAD

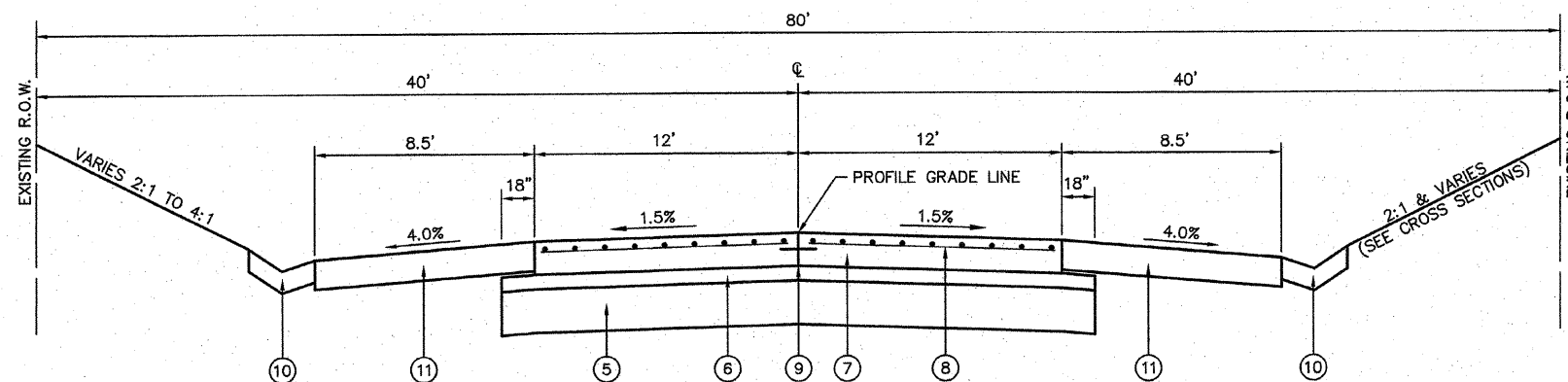
STA. 124+87.53 TO STA. 127+28.00 D = VARIES 0' TO 12'  
 STA. 127+28.00 TO STA. 127+79.57 D = 12'  
 STA. 182+29.49 TO STA. 183+97.81 D = VARIES 3.57' TO 12'  
 STA. 183+97.81 TO STA. 186+16.54 D = 12'  
 STA. 189+06.49 TO STA. 189+91.89 D = 12'  
 STA. 189+91.89 TO STA. 192+31.89 D = VARIES 12' TO 0'  
 (NOT TO SCALE)



### PROPOSED O'FALLON-TROY ROAD

STA. 127+79.57 TO STA. 131+80.55 D = 12'  
 STA. 181+57.81 TO STA. 182+29.49 D = VARIES 0' TO 3.57'  
 STA. 186+16.54 TO STA. 189+06.49 D = 12'  
 (NOT TO SCALE)

S/E TRANSITION OCCURS BETWEEN  
 STA. 130+10.55 TO STA. 131+80.55



### PROPOSED O'FALLON-TROY ROAD

STA. 122+63.79 TO STA. 124+87.53  
 STA. 139+45.07 TO STA. 145+37.00  
 STA. 148+24.00 TO STA. 154+54.00  
 STA. 159+34.80 TO STA. 160+81.88  
 STA. 192+31.89 TO STA. 192+51.00  
 STA. 196+49.00 TO STA. 199+91.31  
 STA. 203+88.11 TO STA. 209+00.00  
 STA. 222+49.00 TO STA. 225+51.00  
 (NOT TO SCALE)

S/E TRANSITION OCCURS BETWEEN  
 STA. 139+41.81 TO STA. 140+55.81

DATE	BY
FINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

DATE	BY
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	