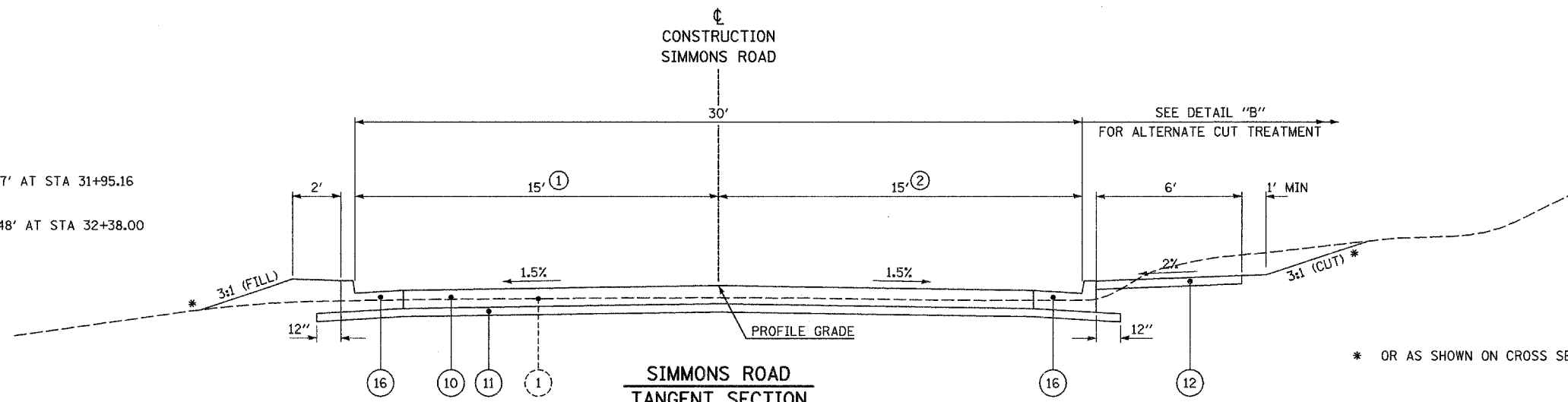


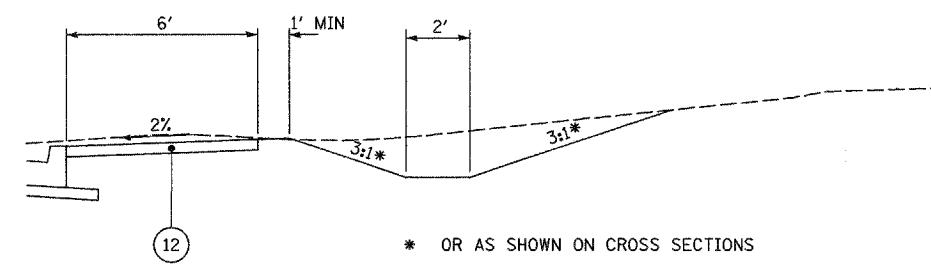
- ① VARIES FROM 15' AT STA 31+67.16 TO 17.67' AT STA 31+95.16
- ② VARIES FROM 15' AT STA 31+69.90 TO 20.48' AT STA 32+38.00



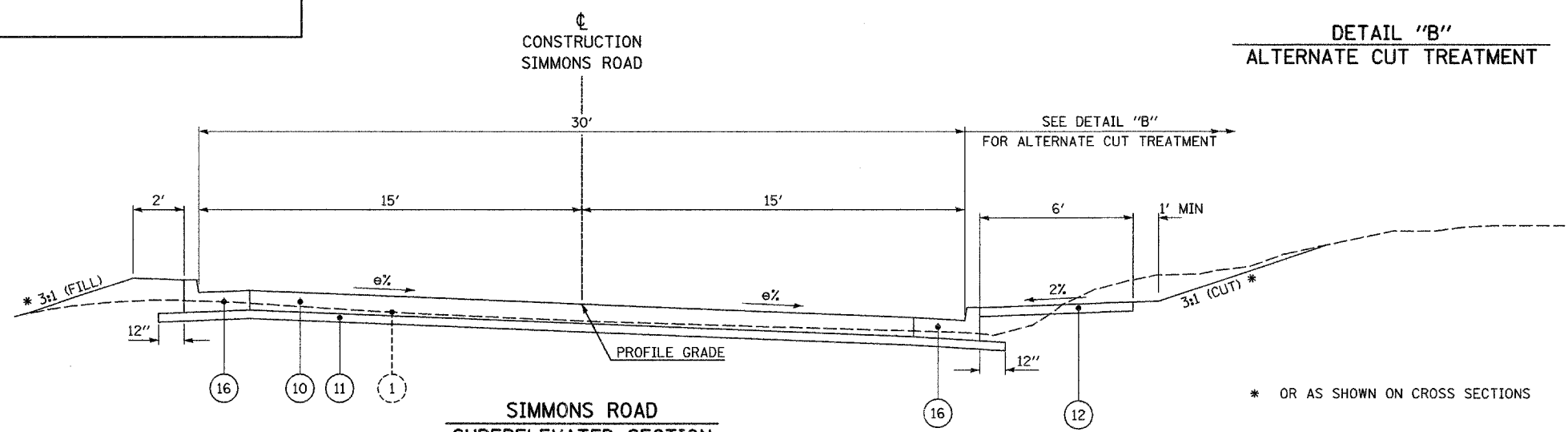
**SIMMONS ROAD
TANGENT SECTION**
- TO APPLY -
STA 9+50.70 TO STA 12+91.66
STA 20+09.60 TO STA 31+61.79
(SEE NOTE AT LEFT)

NOTE:
- SUPERELEVATION TRANSITION STATIONS -
STA 12+91.66 TO STA 14+00.66
STA 15+13.13 TO STA 17+11.44
STA 19+00.60 TO STA 20+09.60

SEE STANDARDS BLR 10 & BLR 14
PAVEMENT DETAILS



**DETAIL "B"
ALTERNATE CUT TREATMENT**



**SIMMONS ROAD
SUPERELEVATED SECTION**
- TO APPLY -
STA 14+00.66 TO STA 15+13.13
STA 17+11.44 TO STA 19+00.60
(SEE NOTE AT LEFT)

EXISTING LEGEND

- ① EXISTING OIL AND CHIP SURFACE
- ② EXISTING ASPHALT PAVEMENT
- ③ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- ④ EXISTING MOUNTABLE CONCRETE CURB AND GUTTER
- ⑤ EXISTING SIDEWALK

PROPOSED LEGEND

- ⑩ PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8"
- ⑪ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE A (4")
- ⑫ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK (4")
- ⑬ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N70 1 3/4"
- ⑭ PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70 (VARIABLE DEPTH)
- ⑮ PROPOSED EARTH SHOULDER
- ⑯ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24

MIXTURE USE(S):	SURFACE, INCIDENTAL BIT. SURF.	BINDER
AC/PG:	PG 64-22	PG 64-22
RAP% (MAX): **	10%	15%
DESIGN AIR VOIDS:	4.0% @ Ndes=70	4.0% @ Ndes=70
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIXTURE C	N/A

SIMMONS ROAD	
STRUCTURAL DESIGN TRAFFIC (S.D.T.):	YEAR = 2016
CLASS II STREET	P.C. = 7183
	S.U. = 147
	M.U. = 0
MINIMUM SOIL SUPPORT:	IBR = 3 (ASSUMED FOR ENTIRE PROJECT)
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P.C. = 50	S.U. = 50
T.F. = 0.17	M.U. = N/A

CITY OF O'FALLON, ILLINOIS

TYPICAL SECTIONS
SHEET 1 OF 3

SCALE: NONE
DATE: 4/26/05

DRAWN BY: SSM
CHECKED BY: SRD

Plot Date: 10/27/2005 12:00:04 PM Plot Time: 12:00:04 PM Plot Name: I:\03005\CAD\Construction_Plans\Typical.dgn