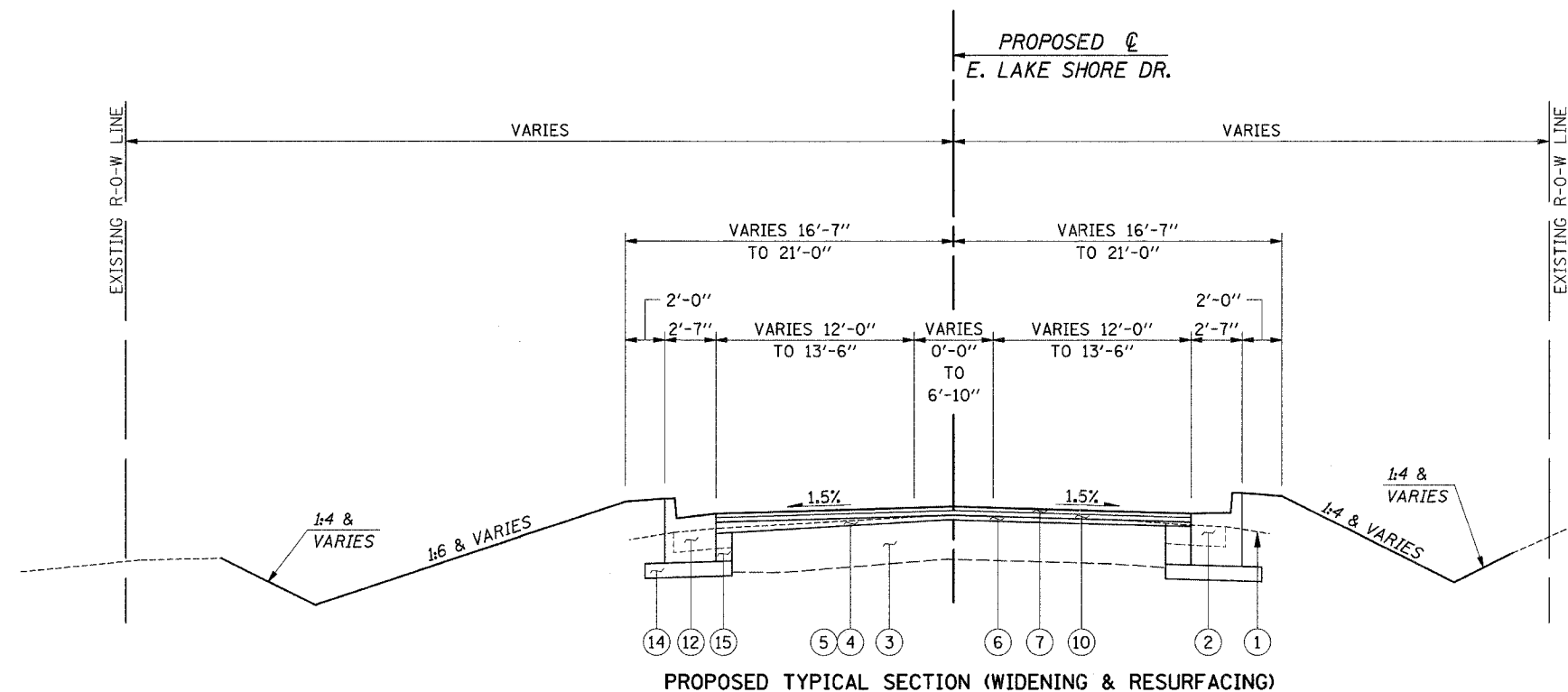


FAU	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7998	97-00030-06-WR	SANGAMON	117	17
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

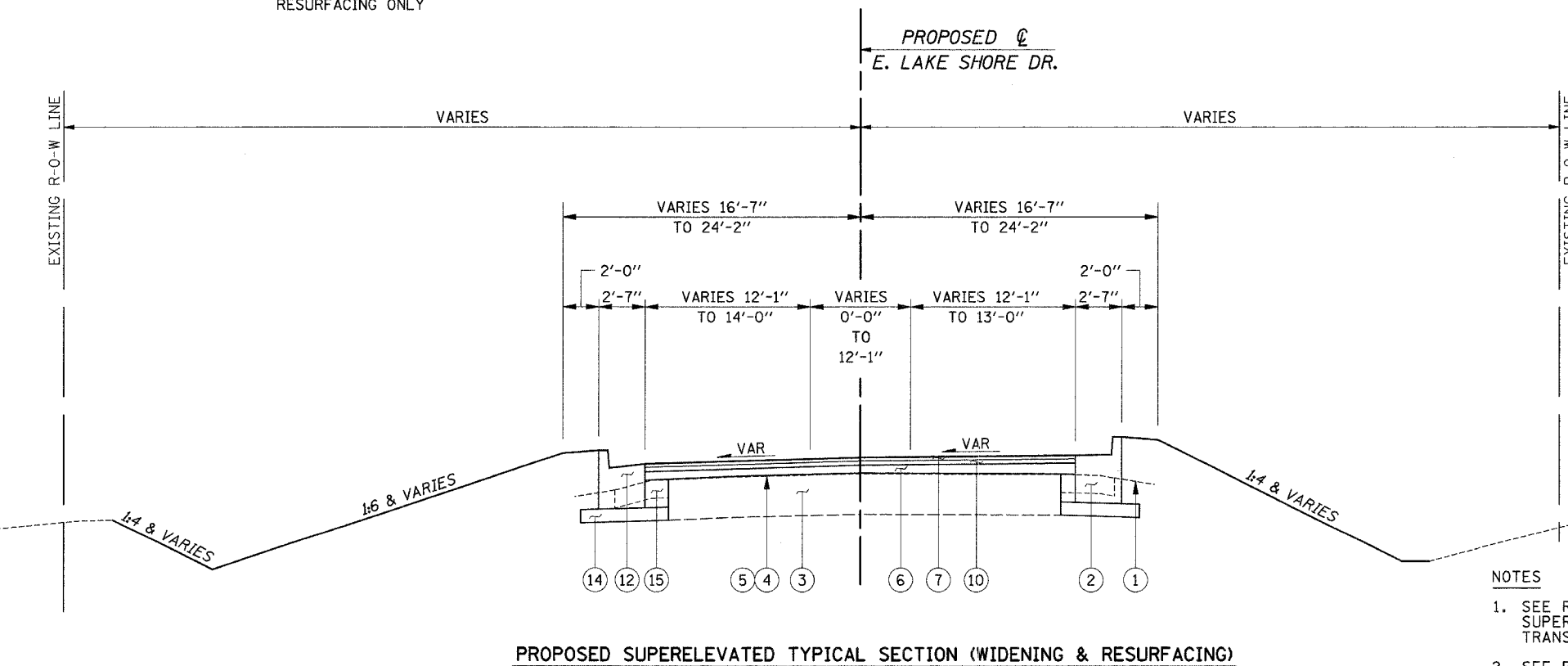


(\*\*) STA 9+00.00 TO STA 9+95.00  
RESURFACING ONLY

(\*\*\*) STA 67+00.00 TO STA 67+50.00  
RESURFACING ONLY

(\*\*) STA 9+95.00 TO STA 10+76.00  
STA 64+67.00 TO STA 67+00.00 (\*\*\*)

- LEGEND**
- ① EX AGGREGATE SHOULDER [TO BE REMOVED]
  - ② EX BITUMINOUS SHOULDER [TO BE REMOVED]
  - ③ EX SUB-BASE [TO REMAIN IN PLACE]
  - ④ EX BITUMINOUS OVERLAY
  - ⑤ HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
  - ⑥ LEVELING BINDER (MACHINE METHOD), N50 (1 $\frac{3}{4}$ "
  - ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (1 $\frac{1}{2}$ "
  - ⑧ STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - ⑨ AGGREGATE SHOULDERS, TYPE B
  - ⑩ PROCESSING MODIFIED SOIL 12"
  - ⑪ HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 11"  
SEE "FULL-DEPTH CONSTRUCTION DETAIL"
  - ⑫ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - ⑬ HOT-MIX ASPHALT SHOULDERS, 6"
  - ⑭ AGGREGATE BASE COURSE, TYPE A, 4"
  - ⑮ BASE COURSE WIDENING (8") - SEE NOTE 3



STA 10+76.00 TO STA 11+33.00  
STA 63+50.00 TO STA 64+67.00 (SHOWN)

**STRUCTURAL DESIGN INFORMATION (EAST LAKE SHORE DRIVE)**

DESIGN TRAFFIC (2018) :

P.V. = 13,164 S.U. = 274 M.U. = 274  
T.F. = 1.53

DESIGN STRAIN = 93 MICROSTRAIN  
 $E_{AC} = 520$  KSI

CONSTRUCT BITUMINOUS CONCRETE PAVEMENT (FULL DEPTH), 11"  
11" AS FOLLOWS:

- 7 $\frac{1}{2}$ " HMA BINDER COURSE, IL 25.0, N50
- 2" HMA BINDER COURSE IL-19.0, N50
- 1 $\frac{1}{2}$ " HMA SURFACE COURSE, MIX D, N50

- NOTES**
1. SEE ROADWAY PLAN SHEETS FOR SUPERELEVATION RATES AND TRANSITION LENGTHS.
  2. SEE PLAN SHEETS FOR WIDTH VARIATIONS.
  3. WIDTH RESTRICTIONS (PER ARTICLE 356.01) SHALL NOT APPLY.

**ie consultants**

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**PROPOSED TYPICAL SECTIONS**

DESIGNED BY: JEB	DRAWN BY: AAD	CHECKED BY: CMS	DATE: 4/4/08
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