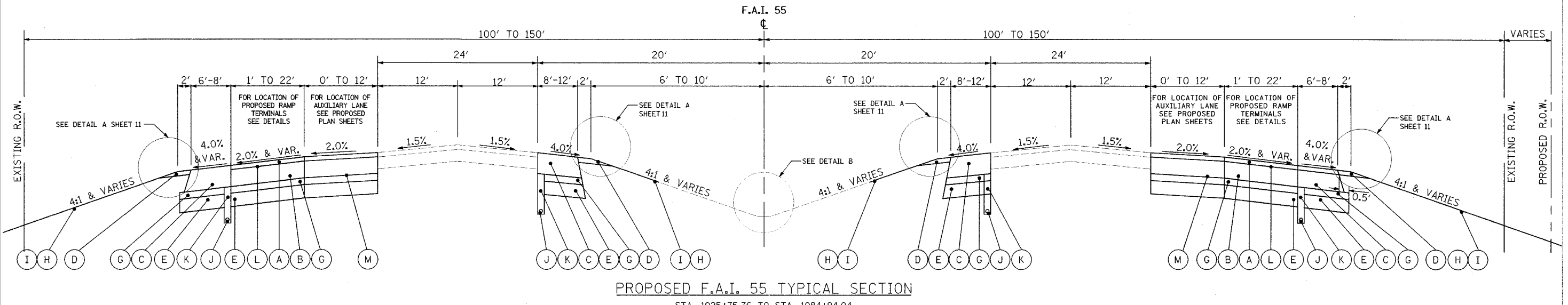
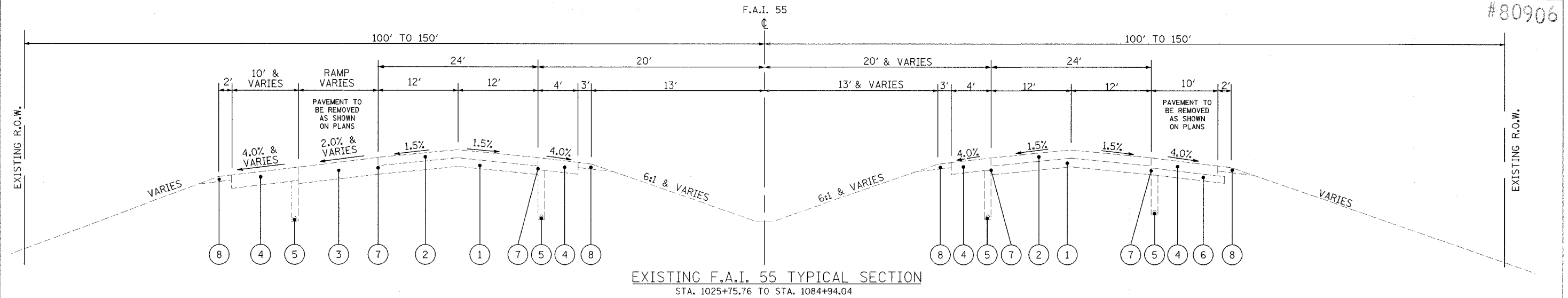


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-1(K, BY & AC-B)	WILL	497	12
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

#80906



EXISTING LEGEND

- ① EXISTING P.C.C. PAVEMENT, 10"±
- ② EXISTING BITUMINOUS OVERLAY, 3"±
- ③ EXISTING P.C.C. RAMP PAVEMENT 10"± WITH BITUMINOUS OVERLAY
- ④ EXISTING BITUMINOUS SHOULDER 14"±
- ⑤ EXISTING PIPE UNDERDRAIN, FABRIC LINED TRENCH
- ⑥ EXISTING SUB-BASE GRANULAR MATERIAL
- ⑦ SAW CUT (FULL DEPTH) AT LOCATIONS OF PAVEMENT OR SHOULDER REMOVAL- INCLUDED WITH ITEM BEING REMOVED
- ⑧ EXISTING AGGREGATE SHOULDER

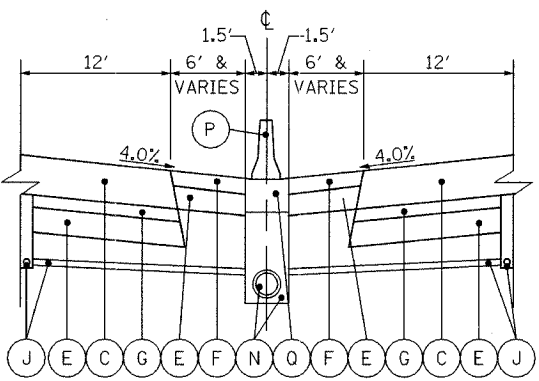
NOTE: EXISTING PIPE UNDERDRAIN SHALL BE REMOVED ONLY WHEN IT IS IN CONFLICT WITH THE RAMP PAVEMENT OR PROPOSED PIPE UNDERDRAIN.

PROPOSED LEGEND

- Ⓐ POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX F, N90, 2"
- Ⓑ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90, 15"
- Ⓒ BITUMINOUS SHOULDERS SUPERPAVE, 17"
- Ⓓ AGGREGATE SHOULDERS, TYPE B, 8"
- Ⓔ AGGREGATE SUBGRADE, 12"
- Ⓕ BITUMINOUS SHOULDERS, 6"
- Ⓖ STABILIZED SUB-BASE 4"
- Ⓗ SEEDING, CLASS 2A
- Ⓘ TOPSOIL PLACEMENT 4"
- Ⓝ PIPE UNDERDRAINS 6"
- Ⓚ POROUS GRANULAR BACKFILL
- Ⓛ BITUMINOUS MATERIALS (PRIME COAT)
- Ⓜ AGGREGATE (PRIME COAT)
- Ⓝ DRAINAGE STRUCTURE, TY 1, WITH TY 20 F&G AND STORM SEWER
- Ⓟ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- Ⓠ CONCRETE BARRIER BASE

F.A.I. 55

STRUCTURAL DESIGN FACTOR:	YEAR 2014
PV = 71,226	SU = 3,709
MU = 9,356	
ROAD/STREET CLASSIFICATION:	CLASS 1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 8%	S = 37%
M = 37%	
TRAFFIC FACTOR:	AC TYPE = AC-XX
ACTUAL TF = 37.06	
MINIMUM TF = 5.85	
AC GRADE: SURFACE = SBS/SBR PG 70-22	
BINDER = SBS/SBR PG 70-22	
SUBGRADE SUPPORT RATING:	
SSR = 2.00	IBR = 2.00



REVISIONS	
NAME	DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.I. 80 & F.A.I. 55 INTERCHANGE
F.A.I. 55 EXISTING AND PROPOSED
TYPICAL SECTIONS

SCALE: NTS
DATE: JANUARY, 2005

DRAWN BY: KDM
CHECKED BY: MJL