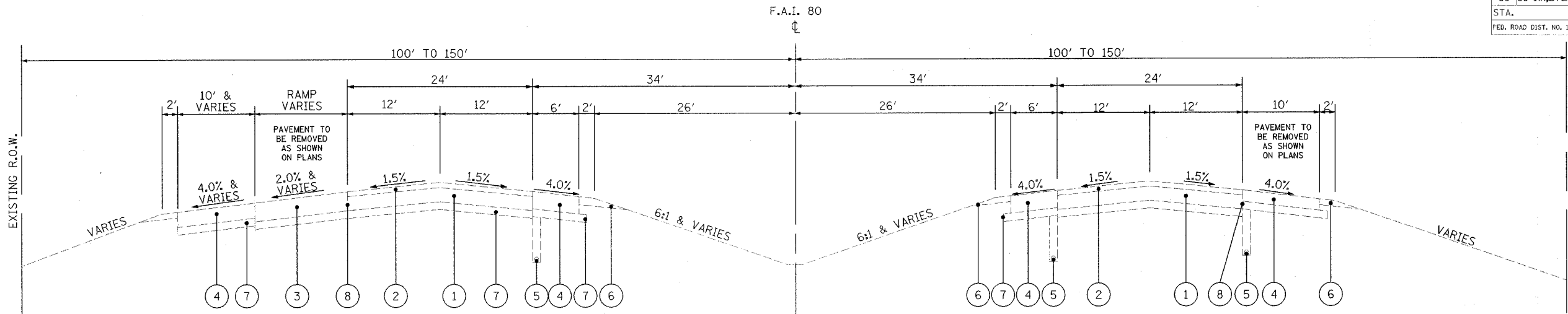
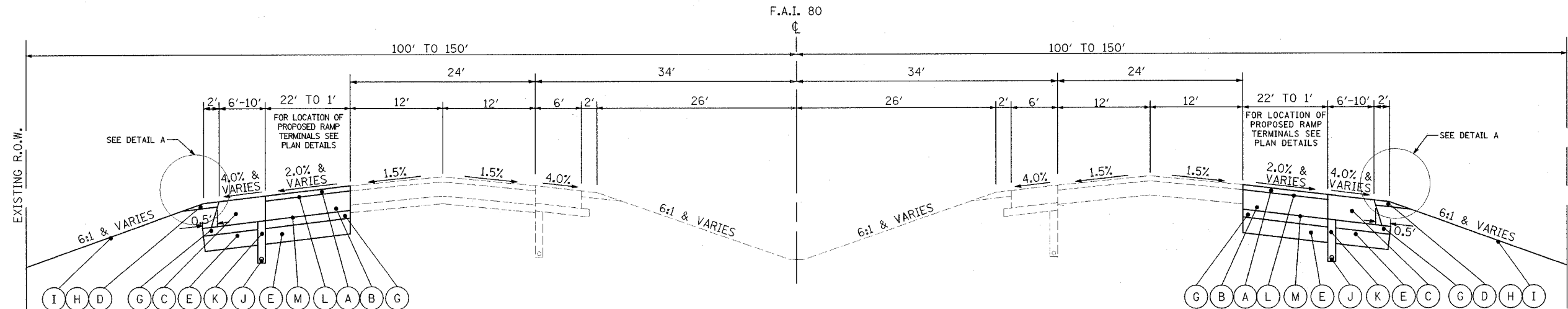


#80906



EXISTING F.A.I. 80 TYPICAL SECTION

STA. 1917+48.22 TO STA. 1977+00.00  
 BRIDGE OMISSION STA. 1931+85.35 TO STA. 1932+13.35 AND STA. 1947+96.67 TO STA. 1950+33.61



PROPOSED F.A.I. 80 TYPICAL SECTION

STA. 1917+48.22 TO STA. 1977+00.00

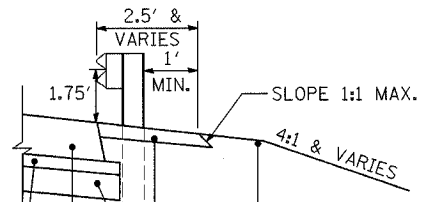
NOTE: EXISTING PIPE UNDERDRAIN SHALL BE REMOVED ONLY WHEN IT IS IN CONFLICT WITH THE RAMP PAVEMENT OR PROPOSED PIPE UNDERDRAIN.

EXISTING LEGEND

- ① EXISTING P.C.C. PAVEMENT, 10"± (STA. 1912+00 TO STA. 1971+00) OR EXISTING CRC PAVEMENT, 8"± (STA. 1971+00 TO STA. 1979+13)
- 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 AGGREGATE SHOULDER
- ⑦ EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- ⑧ SAW CUT (FULL DEPTH) AT LOCATIONS OF PAVEMENT OR SHOULDER REMOVAL- INCLUDED WITH ITEM BEING REMOVED

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"
- Ⓔ 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)



DETAIL A  
 BITUMINOUS SHOULDER DETAIL WITH GUARDRAIL  
 SEE PROPOSED PLAN SHEETS FOR GUARDRAIL LOCATIONS

F.A.I. 80

STRUCTURAL DESIGN FACTOR:	YEAR 2014
PV = XXX	SU = XXX MU = XXX
ROAD/STREET CLASSIFICATION:	CLASS XXX
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	P = XX S = XX M = XX
TRAFFIC FACTOR:	ACTUAL TF = XX AC TYPE = AC-XX
	MINIMUM TF = XX
AC GRADE: SURFACE =	SBS/SBR PG 70-22
BINDER =	SBS/SBR PG 70-22
SUBGRADE SUPPORT RATING:	SSR = XXX IBR = XXX

BITUMINOUS MIXTURES REQUIREMENT CHART

ITEM	AC TYPE	VOIDS	RAP % MAX
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N50	PG 64-22	4% @ 50 GYRATION	15%
POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "F", N90	SBS/SBR PG 70-22	4% @ 90 GYRATION	0%
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N70	PG 64-22	4% @ 70 GYRATION	15%
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N90	SBS/SBR PG 70-22	4% @ 90 GYRATION	0%
TEMPORARY PAVEMENT, 10"	PG 64-22	4% @ 50 GYRATION	15%

REVISIONS	
NAME	DATE

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

SCALE: NTS  
 DATE: JANUARY, 2005  
 DRAWN BY: KDM  
 CHECKED BY: MJL

DATE: 01/03/2005