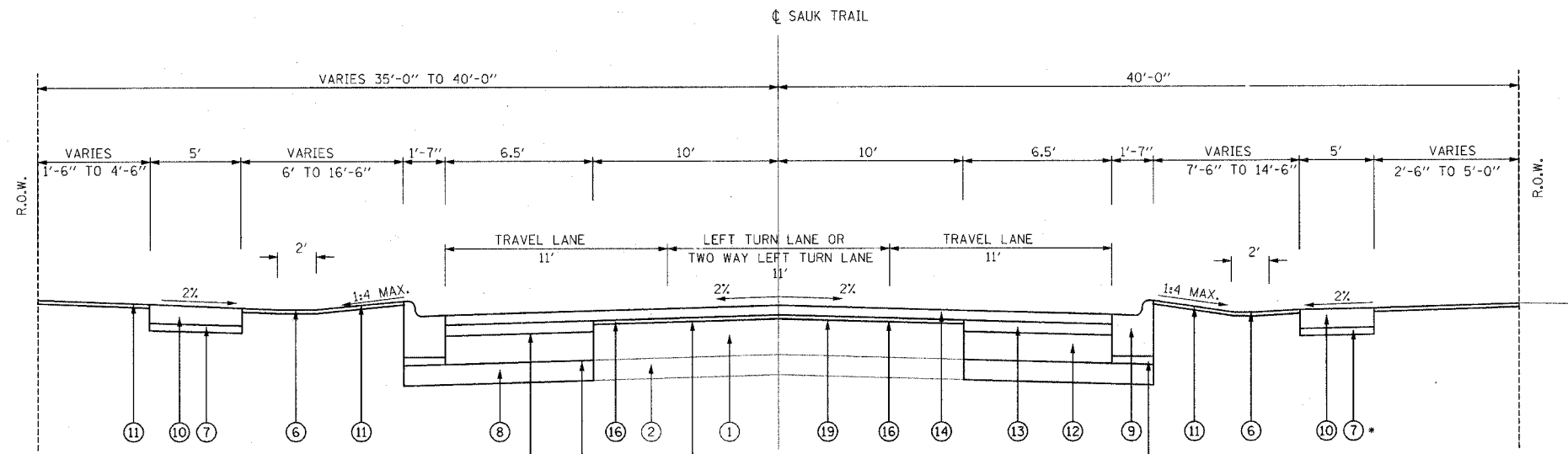


EXISTING TYPICAL SECTION  
STA. 5+16 - STA. 28+72



PROPOSED TYPICAL SECTION  
STA. 5+16 - STA. 28+72

- ① EXISTING BITUMINOUS PAVEMENT (7.6"-8.0")
- ② EXISTING SUB-BASE GRANULAR MATERIAL (7.6"-8.0")
- ③ EXISTING P.C.C. SIDEWALK, 5"
- ④ EXISTING TURF AREA
- ⑤ EXISTING AGGREGATE SHOULDERS
- ⑥ PROP. GRADING AND SHAPING DITCHES
- ⑦ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 2"
- ⑧ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
- ⑨ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑩ PROP. P.C.C. SIDEWALK, 5" (6' DEPTH THRU DRIVEWAYS)
- ⑪ PROP. TOPSOIL FURNISH AND PLACE, 4" WITH PROP. SODDING SALT TOLERANT
- ⑫ PROP. BITUMINOUS BASE COURSE, 8", SUPERPAVE
- ⑬ PROP. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19, N50, 2 1/4"
- ⑭ PROP. BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 1 1/2"
- ⑮ PROP. LEVELING BINDER (MACHINE METHOD), SUPERPAVE, N50, 3/4" - 2"
- ⑯ BITUMINOUS MATERIAL (PRIME COAT)
- ⑰ BITUMINOUS SURFACE REMOVAL - VARIABLE DEPTH
- ⑱ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B

**BITUMINOUS MIXTURE REQUIREMENT**

MIXTURE TYPE	AC TYPE	VOIDS	MAX RAP
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	PG 64-22	4% @ 50 GYR	15
BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N50	PG 58-22	4% @ 50 GYR	25
BITUMINOUS BASE COURSE, SUPERPAVE, 8"	PG 58-22	2% @ 50 GYR	50
BITUMINOUS PATCHES, CLASS D, TY IV, IL-19, 10"	PG 64-22	4% @ 50 GYR	15
LEVELING BINDER (MACHINE METHOD) SUPERPAVE, N50	PG 64-22	4% @ 50 GYR	15
BITUMINOUS PATCHES, CLASS D, TY III, IL-19, 10"	PG 64-22	4% @ 50 GYR	15

**BITUMINOUS DRIVEWAY PAVEMENT**

MIXTURE TYPE	AC TYPE	VOIDS	MAX RAP
BITUMINOUS BASE COURSE, SUPERPAVE, 6"	PG 58-22	2% @ 50 GYR	50
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 2"	PG 64-22	4% @ 50 GYR	15

NOTE: THE UNIT WEIGHT USED TO CALCULATE BITUMINOUS SURFACE MIXTURES IS 112 ILS/SQ YD/IN

**STRUCTURAL PAVEMENT DESIGN INFORMATION**

STRUCTURAL TRAFFIC: YEAR 2014  
 PV= 1,393 SU= 111 MU= 80  
 ROAD/STREET CLASSIFICATION: CLASS II  
 P= 50% S= 50% M= 50%  
 TRAFFIC FACTOR: ACTUAL TF= 0.50  
 MINIMUM TF= N/A  
 BINDER = PG 64-22 SURFACE= 64-22  
 SUBGRADE SUPPORT RATING:  
 IBR= 3.0

NOTES:  
 SUB-BASE GRANULAR MATERIAL INCIDENTAL TO SIDEWALK CONSTRUCTION.

REMOVAL ITEMS

DATE: 8/25/06 FILENAME: s:\061001-850\028\003\Station\Station\Typicals.dgn



REVISIONS	NAME	DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
			FAU 3753
			SAUK TRAIL
			EXISTING AND PROPOSED TYPICAL SECTIONS
SCALE: VERT	HORIZ. NTS	DATE	DRAWN BY
		5/25/2006	JBH
			CHECKED BY
			JRM