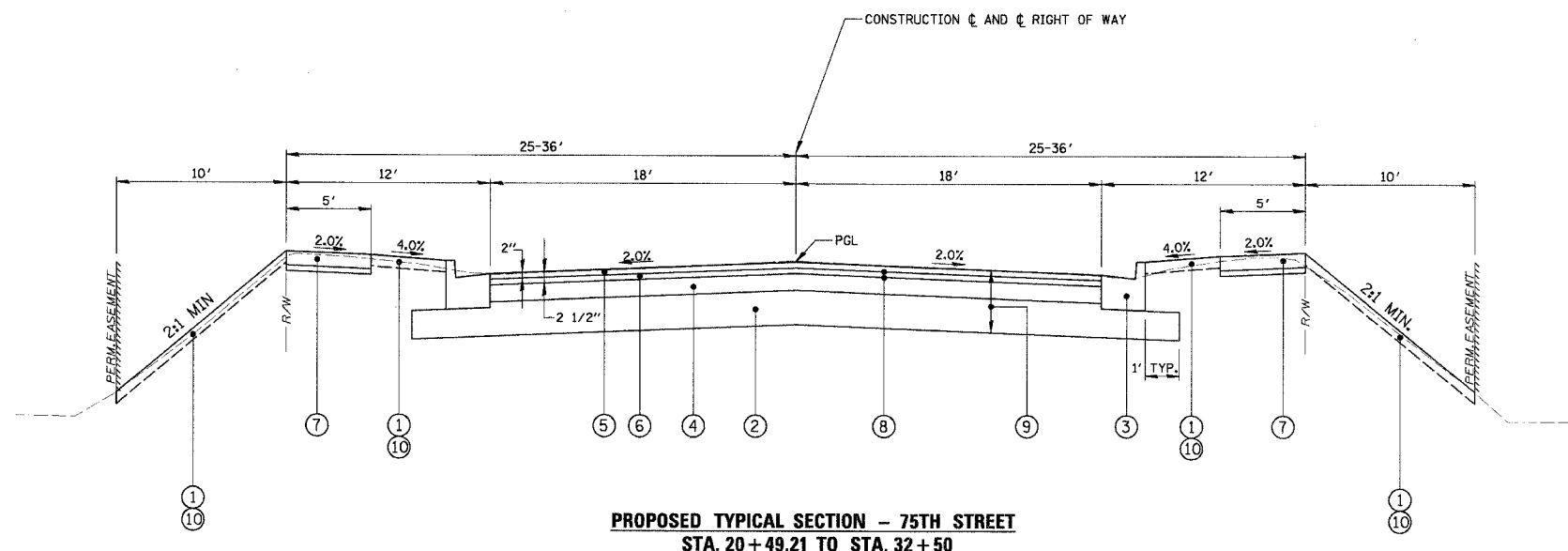
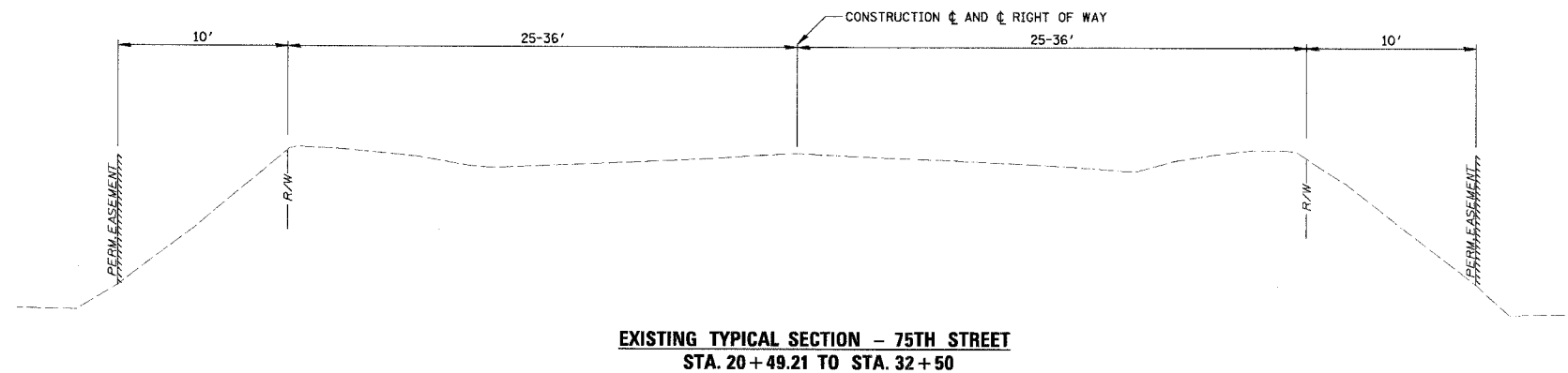


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
369	00-00018-00-PV	COOK	20	4
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 83897



LEGEND

- ① TOPSOIL FURNISH AND PLACE, 6"
- ② AGGREGATE SUBGRADE, 12"
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ HOT-MIX ASPHALT BASE COURSE, 5 1/2"
- ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ⑥ HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/2"
- ⑦ PORTLAND CEMENT CONCRETE SIDEWALK 5"
- ⑧ BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ EARTH EXCAVATION
- ⑩ SODDING, SALT TOLERANT

HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10" MIXTURE REQUIREMENTS

ITEM	AC-TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2" (IL-9.5 mm)	PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19-0, N50, 2 1/2"	*PG 64-22	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 mm) 5 1/2"	*PG 64-22	4% @ 50 GYR

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
2. *WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG58-22.

DESIGN DESIGNATION - URBAN COLLECTOR

STRUCTURAL DESIGN TRAFFIC: YEAR 2030
 PV = 9178 SU = 290 MU = 193

ROAD/STREET CLASSIFICATION: CLASS II

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 95% S = 3% M = 2%

TRAFFIC FACTOR: MINIMUM TF = 0.50 ACTUAL TF = 0.85

SUBGRADE SUPPORT RATING:
 SSR = FAIR (ENTIRE PROJECT)

NOTE: TEMPERATURE AT THE LOCATION 77° FOR AC MIX.
 AC TYPE 10 BASED ON ADT.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		75th STREET TYPICAL SECTION

SCALE: VERT. N.T.S.
 HORIZ. DATE 3/13/2008

DRAWN BY EDT
 CHECKED BY LMF