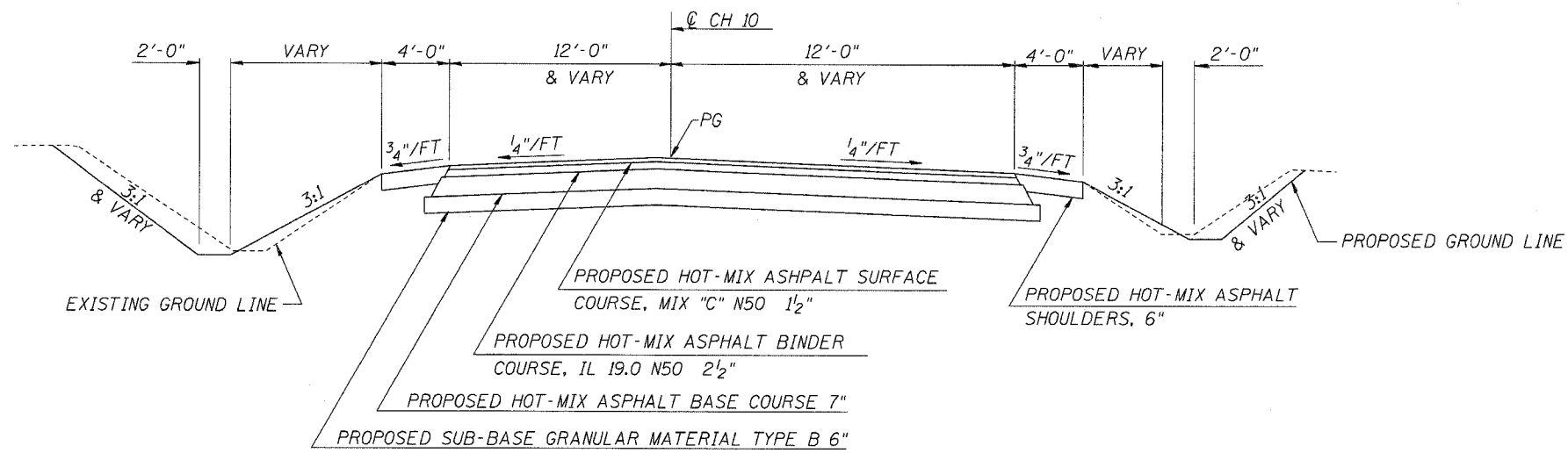
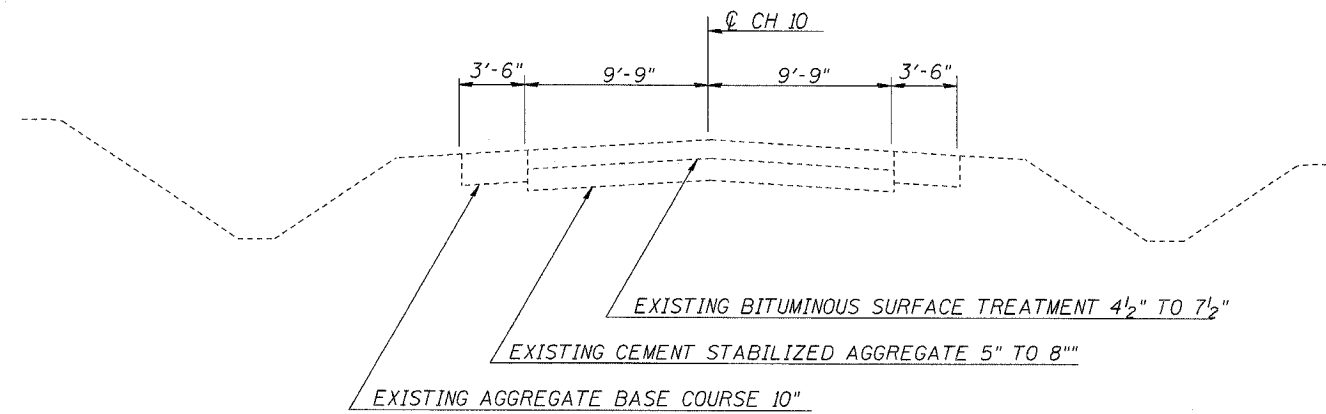


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 621	05-00075 -05-RS	SANGAMON	72	4

CONTRACT NO. 93439



**CH 10. TYPICAL PROPOSED ROADWAY CROSS SECTION**  
STA 0+00 TO STA 1+06.71



**CH 10. TYPICAL EXISTING ROADWAY CROSS SECTION**

PAVEMENT DESIGN  
STA 0+00 TO STA 1+06.71  
STRUCTURAL DESIGN TRAFFIC YEAR: 2016  
PV=1.352 SU=107 MU=77  
IBR=2.0 (ASSUMED) TRAFFIC FACTOR=0.42  
PERCENT OF SDT FOR TWO LANES  
PV=88% SU=7% MU=5%  
STRUCTURAL NUMBER DT=4.0

PAVEMENT COMPOSITION  
1 1/2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50 A<sub>1</sub>=0.40  
2 1/2" HOT-MIX ASPHALT BINDER COURSE, IL 19.0 N50 A<sub>1</sub>=0.40  
7" HOT-MIX ASPHALT BASE COURSE A<sub>2</sub>=0.30  
6" SUB-BASE GRANULAR MATERIAL TYPE B A<sub>3</sub>=0.12

**TYPICAL CROSS SECTIONS**

FAS 621 (CH 10)  
SECTION 05-00075-05-RS  
SANGAMON COUNTY

CUMMINS ENGINEERING CORPORATION

JOB #: 2171  
FILE: 2171TYP  
DATE: 4/30/07