

**THOUVENOT, WADE & MOERCHEN, INC.**  
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



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**PROFESSIONAL REGISTRATIONS**

ILLINOIS PROFESSIONAL DESIGN FIRM	164-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	61-052202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	MC 001528
MISSOURI LAND SURVEYING CORP.	MC 000346

Signature: \_\_\_\_\_  
Signature Date: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

**STATEMENT OF RESPONSIBILITY**  
I hereby confirm that the document herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

**TITLE**  
SHILOH STATION ROAD PHASE 3  
TYPICAL SECTIONS  
12-00011-03-PV

**PROJECT**  
SHILOH STATION ROAD  
RECONSTRUCTION - PHASES  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

REV.	DATE	DESCRIPTION

<b>DRAWN BY:</b> NTS	<b>SHEET</b>
<b>DESIGNED BY:</b> NTS	<b>7</b>
<b>CHECKED BY:</b>	<b>OF 23 SHEETS</b>
<b>APPROVED BY:</b>	<b>PROJECT DESCRIPTION</b>
<b>PROJECT NUMBER:</b> T01100602	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING

**LEGEND**

- ① EXISTING OIL AND CHIP PAVEMENT (THICKNESS VARIES)
- ② EXISTING ASPHALT OVERLAY
- ③ EXISTING ROADSIDE DITCH
- ④ EXISTING GRAVEL SHOULDERS
- ⑤ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX C, N70, 2"
- ⑥ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL19.0, N70, B 1/2"
- ⑦ PROPOSED LIME MODIFIED SOIL, 12"
- ⑧ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- ⑨ PROPOSED P.C.C. SIDEWALK, 4"
- ⑩ PROPOSED AGGREGATE BASE COURSE, TYPE B, 4"
- ⑪ AGGREGATE SHOULDERS, TYPE B, 10"
- ⑫ AGGREGATE BASE COURSE, TYPE B, 8"
- ⑬ INCIDENTAL HMA SURFACING, 3"

MIXTURE USE	SURFACE	BINDER	INCIDENTAL SURFACE
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		IL 19.0	
FRICITION AGG	MIXTURE C	MIXTURE B	MIXTURE C

