

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
05-00016-02-RP		MADISON	42	4
STA.	TO STA.			
CONTRACT NO.: 97290				

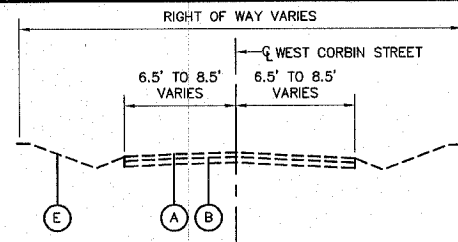
LEGEND

EXISTING

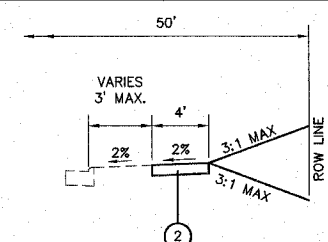
- (A) EXISTING SURFACE TREATMENT
- (B) EXISTING AGGREGATE BASE COURSE
- (C) EXISTING AGGREGATE SURFACE COURSE, A 6"
- (D) EXISTING COMBINATION CURB AND GUTTER
- (E) EXISTING GROUND SURFACE
- (F) EXISTING P.C. CONCRETE PAVEMENT 8.5"
- (G) EXISTING AGGREGATE BASE COURSE TYPE A, 4"

PROPOSED

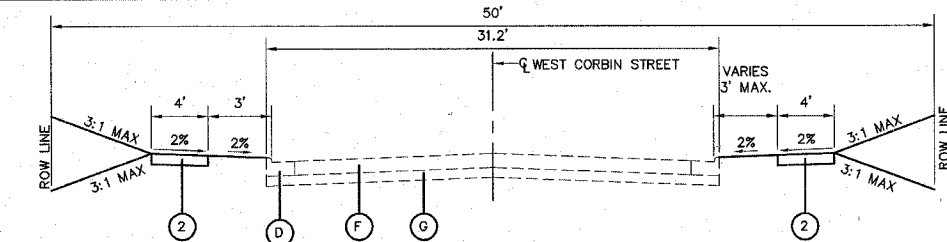
- (1) PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH, 10")
- (2) PROPOSED CONCRETE SIDEWALK, 4"
- (3) PROPOSED CONCRETE CURB AND GUTTER TYPE B6.24
- (4) PROPOSED AGGREGATE BASE COURSE TYPE A, 4"
- (5) PROPOSED MODIFIED SOILS, 12"
- (6) PROPOSED 24" #6 EPOXY COATED TIE BARS @ 24" CTRS
- (7) PROPOSED 24" #6 EPOXY COATED TIE BARS @ 30" CTRS
- (8) PROPOSED P.C. CONCRETE PAVEMENT, 8.5" (JOINTED)
- (9) SAWED OR KEYED LONGITUDINAL JOINT
- (10) PROPOSED CONCRETE CURB AND GUTTER TYPE B6.12
- (11) PROPOSED P.C. CONCRETE PAVEMENT, 8"



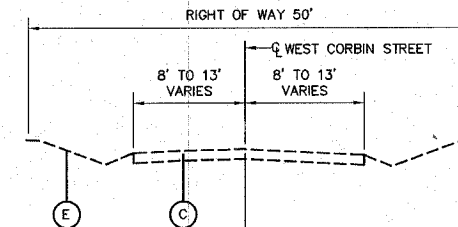
**EXISTING TYPICAL SECTION
WEST CORBIN STREET**
STA. 9+74.44 TO 22+51.15
NOT TO SCALE



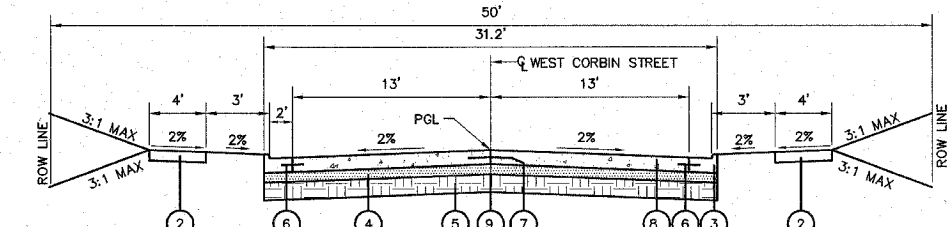
**PROPOSED TYPICAL SECTION
WEST CORBIN STREET**
STA. 9+74.44 TO 10+31.57
NOT TO SCALE



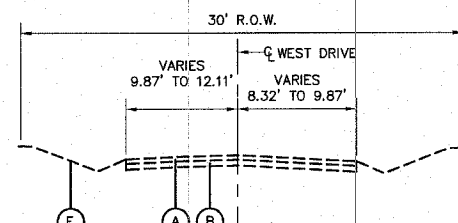
**PROPOSED TYPICAL SECTION
WEST CORBIN STREET**
STA. 10+31.57 TO 10+58.70
NOT TO SCALE



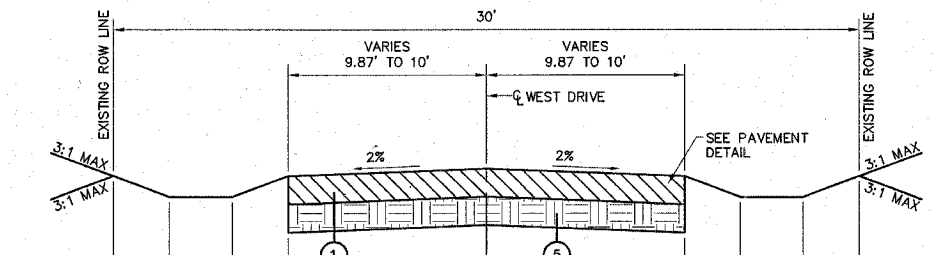
**EXISTING TYPICAL SECTION
WEST CORBIN STREET**
STA. 22+51.15 TO 23+10.97
NOT TO SCALE



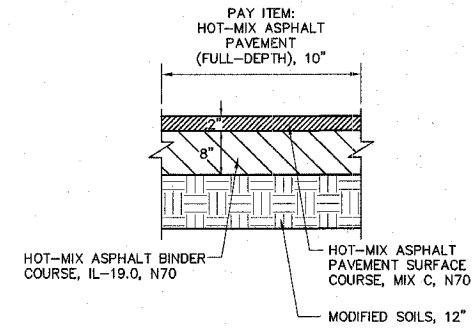
**PROPOSED TYPICAL SECTION
WEST CORBIN STREET**
STA. 10+58.70 TO 11+79.39
STA. 11+79.39 TO 11+99.03
STA. 11+99.03 TO 23+10.97
NOT TO SCALE



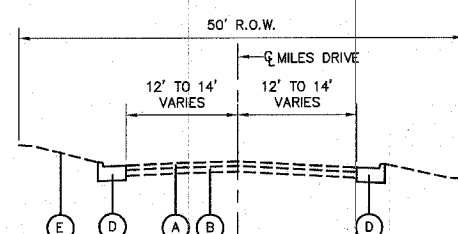
**EXISTING TYPICAL SECTION
WEST DRIVE**
STA. 400+00.00 TO 400+48.93
NOT TO SCALE



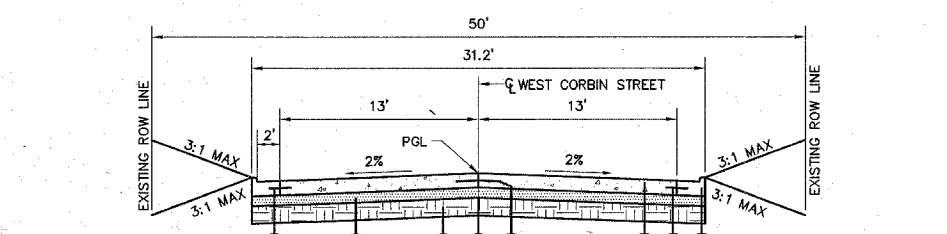
**PROPOSED TYPICAL SECTION
WEST DRIVE**
STA. 400+00.00 TO 400+48.93
NOT TO SCALE



PAVEMENT DETAIL



**EXISTING TYPICAL SECTION
MILES DRIVE**
STA. 200+13.02 TO 200+58.86
NOT TO SCALE



**PROPOSED TYPICAL SECTION
MILES DRIVE**
STA. 200+13.02 TO 200+58.86
NOT TO SCALE

**PAVEMENT STRUCTURAL DESIGN
INFORMATION, WEST CORBIN STREET**

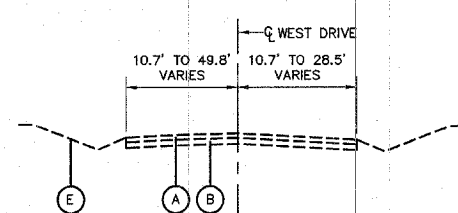
PAVEMENT TYPE: RIGID, NONREINFORCED, JOINTED
ROADWAY CLASSIFICATION: CLASS II ROADS AND STREETS
DESIGN SPEED: 35 MPH
DESIGN PERIOD: 20 YRS.
TRAFFIC DATA: ADT₁ = 3344
ADT₂ = 266
ADT₃ = 190
STRUCTURAL DESIGN TRAFFIC: 88% PV =
7% SU =
5% MU =
TRAFFIC FACTOR: 1.44
SUBGRADE SUPPORT RATING (SSR) = POOR

**BITUMINOUS MIXTURE DESIGN
INFORMATION, WEST CORBIN STREET**

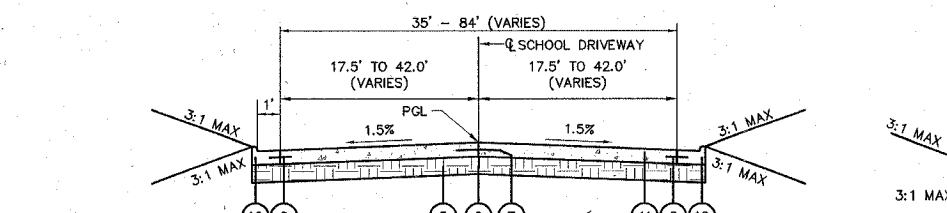
ADT (Construction Yr):	160				
MU%:	0				
SU%:	2				
20 YR. ESAL'S:	0.00				
MIXTURE USE	SURFACE	LEVEL BINDER	BINDER	INCIDENTAL SURF	Partial Depth Patch
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	15%	15%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION					
(GRADATION MIXTURE)					
FRICION AGG	Mixture C	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"	MIXTURE "C"
MIXTURE USE	SHOULDERS	TOP LIFT SHOULDERS			
AC/PG	PG 58-22	PG 58-22			
RAP % (MAX)	30%	30%			
DESIGN AIR VOIDS	2.0% @ Ndes=30	**2.0% @ Ndes=30			
MIX COMPOSITION					
(GRADATION MIXTURE)					
FRICION AGG	BAM	BAM			

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.6%.

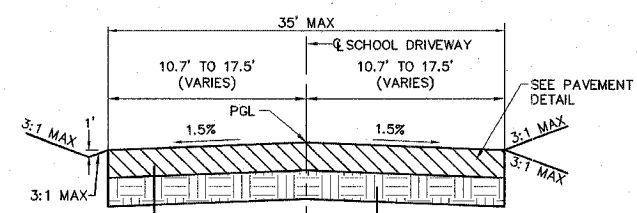
Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).



**EXISTING TYPICAL SECTION
SCHOOL DRIVEWAY**
STA. 500+05.30, 29.32 RT TO 502+10.94
NOT TO SCALE



**PROPOSED TYPICAL SECTION
SCHOOL DRIVEWAY**
STA. 500+15.58 TO 500+49.00
NOT TO SCALE



**PROPOSED TYPICAL SECTION
SCHOOL DRIVEWAY**
STA. 500+49.00 TO 502+10.94
NOT TO SCALE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**EXISTING & PROPOSED
TYPICAL SECTIONS**

FAP ROUTE
SECTION 05-00016-02-RP
COUNTY MADISON

DRAWN BY: R.A.W.