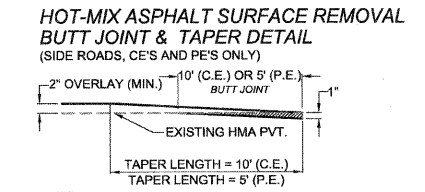
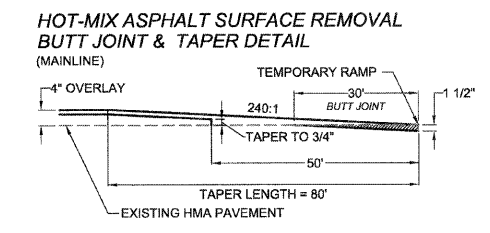




# HMA MIXTURE CHART

MIXTURE USE (S):	SURFACE, TOP LIFT FULL DEPTH	LEVEL BINDER	BINDER, BASE COURSE, & FULL DEPTH	TOP SHOULDER	BOTTOM SHOULDER
PG:	PG 64-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N70	3.0% @ N50	2.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-9.5	IL-9.5FG	IL-19.0	IL-9.5	BAM OR IL-19.0
FRICTION AGGREGATE:	MIX D	N/A	N/A	MIX C	N/A
20 YEAR ESAL:	VARIES TO 3.0	VARIES TO 3.0	VARIES TO 3.0	N/A	N/A
MIX UNIT WEIGHT:	112 LBS / SY / IN			112 LBS / SY / IN	

## DETAILS

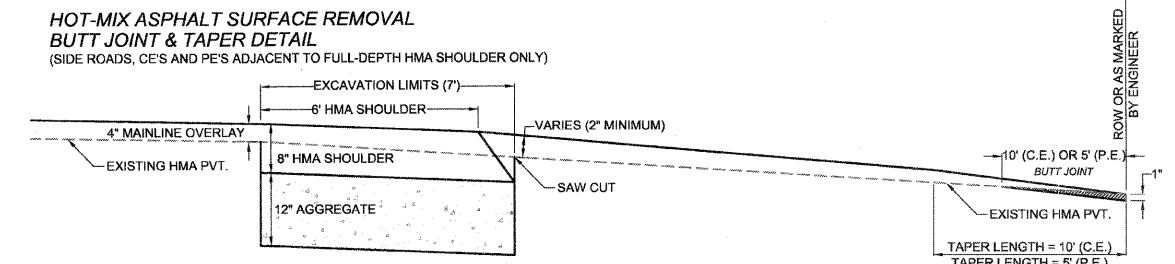


NOTE:  
THE THICKNESS OF INCIDENTAL BITUMINOUS SURFACING FOR ALL DRIVES SHALL BE 2" MINIMUM UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.

EXISTING AGGREGATE DRIVEWAYS SHALL BE PREPARED USING AGGREGATE BASE, TYPE B TO BRING THE DRIVEWAY TO PROPER WIDTH AND GRADE BEFORE PLACING THE INCIDENTAL BITUMINOUS SURFACING.

## PAVEMENT DESIGN (OVERLAY - 06-00400-00-RS)

<b>DATE:</b> JUNE 26, 2008	<b>ROUTE:</b> C.H. 24 (MERIDIAN ROAD)
<b>CALCULATIONS BY:</b> TESTING SERVICE CORP.	<b>SECTION:</b> 06-00400-00-RS
<b>CHECKED BY:</b> _____	<b>COUNTY:</b> WINNEBAGO
<b>CLASS</b> II <b>ROADS AND STREETS</b>	<b>LOCATION:</b> FROM CUNNINGHAM TO KNAPP
<b>LIMITS OF ANALYSIS:</b>	<b>PAVEMENT DESIGN:</b>
<b>STATION</b> 283+16.79 <b>TO</b>	<b>SUBGRADE SUPPORT RATING (SSR):</b>
<b>STATION</b> 712+31.71	POOR (FAIR, POOR, OR GRANULAR)
<b>LENGTH:</b> 42,914.92 <b>FT</b> 8.13 <b>MILES</b>	<b>FLEXIBLE TRAFFIC FACTOR:</b> SEE CHART
<b>STRUCTURAL DESIGN TRAFFIC:</b>	<b>SELECTED DESIGN PG BINDER:</b> PG 64-22
<b>SEGMENT</b>	1 2 3 4 5
<b>STA RANGE</b>	276+13 to 291+33 291+33 to 317+83 340+72 to 353+47 353+47 to 541+31 548+51 to 712+32
<b>STA RANGE CONT.)</b>	317+83 to 340+72
<b>ADT (10 Yr.)</b>	11,145 11,315 9,960 7,755 5,380
<b>PV</b>	9,808 9,777 8,765 6,824 4,734
<b>SU</b>	780 972 697 543 377
<b>MU</b>	557 566 498 388 269
<b>FLEX. TF</b>	3.035 3.084 2.713 2.114 1.466
<b>OVERLAY THICKNESS</b>	3 1/4" 3 1/4" 4" 4" 4"
<b>FULL-DEPTH THICKNESS</b>	N/A N/A 12" 12" 11"



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