

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B873	00-00012-00-PK	MADISON	18	7
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

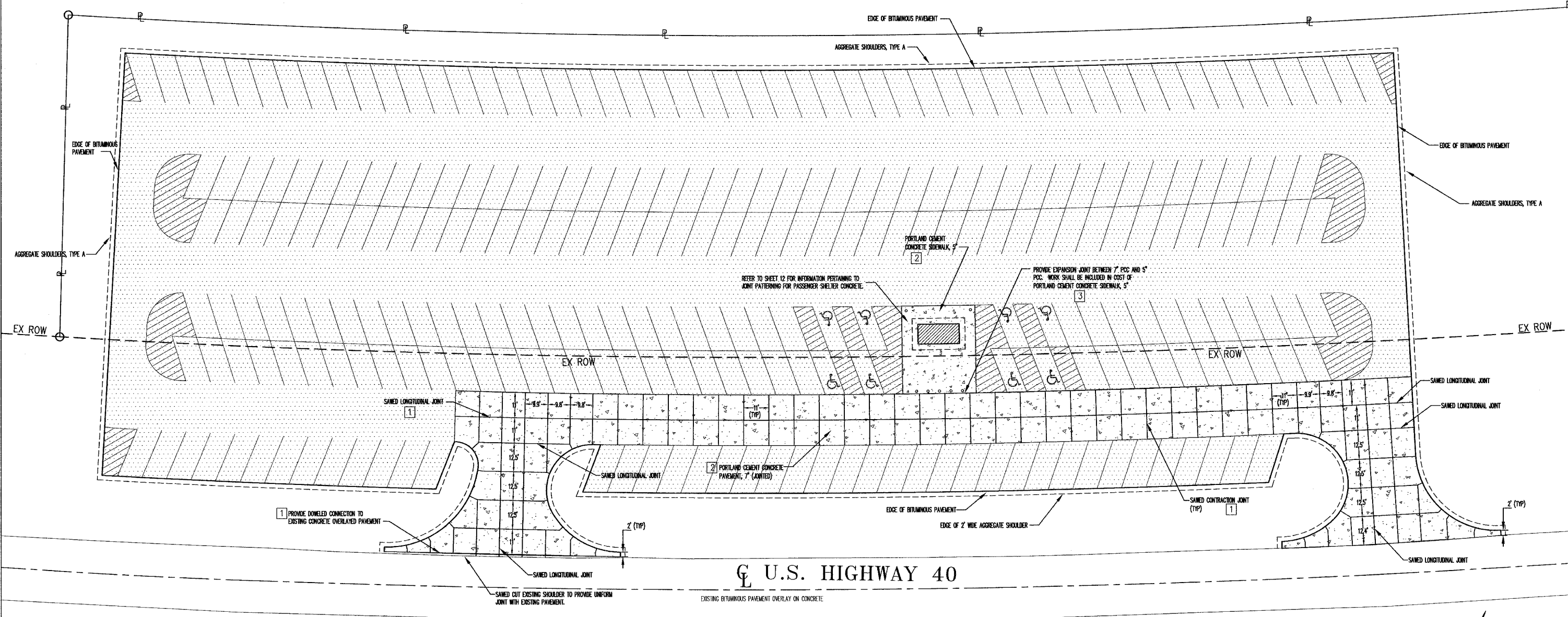
CONTRACT NO. 97270

PAVING LEGEND

	BITUMINOUS CONCRETE PAVEMENT
	PORTLAND CEMENT CONCRETE PAVEMENT, 7'
	PORTLAND CEMENT CONCRETE SIDEWALK, 5'

BY	DATE
FINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	

BY	DATE
ORIGINAL SURVEY PLOTTED	
NOTE BOOK TEMPLATE	
AREAS CHECKED	
NO.	



U.S. HIGHWAY 40

HIGHLAND PARK-RIDE IMPROVEMENTS

STRUCTURAL DESIGN
 TRAFFIC DESIGN YEAR: 2026
 DESIGN YEAR ADT: 715

ROAD/STREET CLASSIFICATION: CLASS I

PERCENT OF STRUCTURAL DESIGN TRAFFIC
 IN DESIGN LANE PV = 94% SU = 6% MU 0%

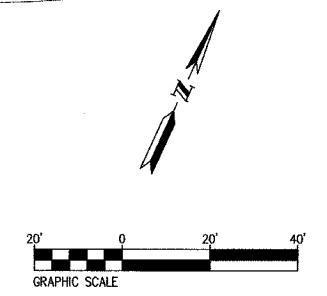
TRAFFIC FACTOR = 0.51
 MINIMUM SOIL SUPPORT BR = 3.0 (ASSUMED)

PAVEMENT STRUCTURE MATERIALS:
 ROAD PAVEMENT - 7" PCC PAVEMENT
 EXISTING AGGREGATE BASE COURSE

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

HIGHLAND PARK-RIDE IMPROVEMENTS		
MIXTURE USE	SURFACE	BINDER
AC/PC	PG 64-22	PG 64-22
RAP % (MAX)	10	15
DESIGN AIR Voids	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		IL 19.0
FRICTION AGC	MIXTURE C	MIXTURE B

- GENERAL NOTES**
- 1 CONCRETE JOINTING SHALL BE PROVIDED IN ACCORDANCE WITH IDOT STANDARDS 420001 AND BLR 10 AND SHALL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 7".
 - 2 ALL CONCRETE PAVEMENT, INCLUDING 5" WALK ADJACENT TO PASSENGER SHELTER SHALL BE PROVIDED WITH CONCRETE CURING COMPOUND AND SEALER. CONCRETE CURING COMPOUND SHALL BE "L & M CURE" OR APPROVED EQUAL. NON-RESIDUAL CONCRETE CURING COMPOUND APPLIED AT RATE OF 200 SQ.FT./GALLON. CONCRETE WATER REPELLENT SEALER SHALL BE "AQUAPEL" AS MANUFACTURED BY L & M CONSTRUCTION CHEMICALS, INC. (PHONE 402/453-6600), OR APPROVED EQUAL. WATER REPELLENT SEALER SHALL BE APPLIED TO ALL CONCRETE WALKS AND CONCRETE PAVEMENT AT A RATE OF 150 SQ.FT./GAL. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACT UNIT PRICE PER GALLON FOR CONCRETE SURFACE CURING AND SEALING.
 - 3 ALL EXPANSION JOINTS SHALL BE SEALED WITH SONNEBORN SL-1 OR APPROVED EQUAL. COLOR TO MATCH CONCRETE AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE COST FOR PORTLAND CEMENT CONCRETE PAVEMENT, 5".



<p>Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 2100 State Street, P.O. Box 1325 Ocala, Florida 32067-1325 Phone: (352) 349-4725 Fax: (352) 349-4725</p>		<p>PAVING PLAN HIGHLAND PARK-RIDE IMPROVEMENTS MADISON COUNTY TRANSIT HIGHLAND, ILLINOIS SECTION No. 00-00012-00-PK</p>																																	
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REMARKS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	BY	REMARKS					<p>SCALE:</p> <table border="1"> <tr> <td>DSN. BY:</td> <td>RGL/AJW</td> <td>DATE:</td> <td>12/20/05</td> <td>SHEET</td> <td>7</td> </tr> <tr> <td>DWN. BY:</td> <td>RGL/AJW</td> <td>DATE:</td> <td>12/20/05</td> <td></td> <td></td> </tr> <tr> <td>CHK'D:</td> <td>RAK</td> <td>DATE:</td> <td>12/20/05</td> <td></td> <td></td> </tr> <tr> <td>DWG. NO.</td> <td>E054401</td> <td>DWG. NAME:</td> <td></td> <td>OF 18 SHTS</td> <td></td> </tr> </table>		DSN. BY:	RGL/AJW	DATE:	12/20/05	SHEET	7	DWN. BY:	RGL/AJW	DATE:	12/20/05			CHK'D:	RAK	DATE:	12/20/05			DWG. NO.	E054401	DWG. NAME:		OF 18 SHTS	
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