


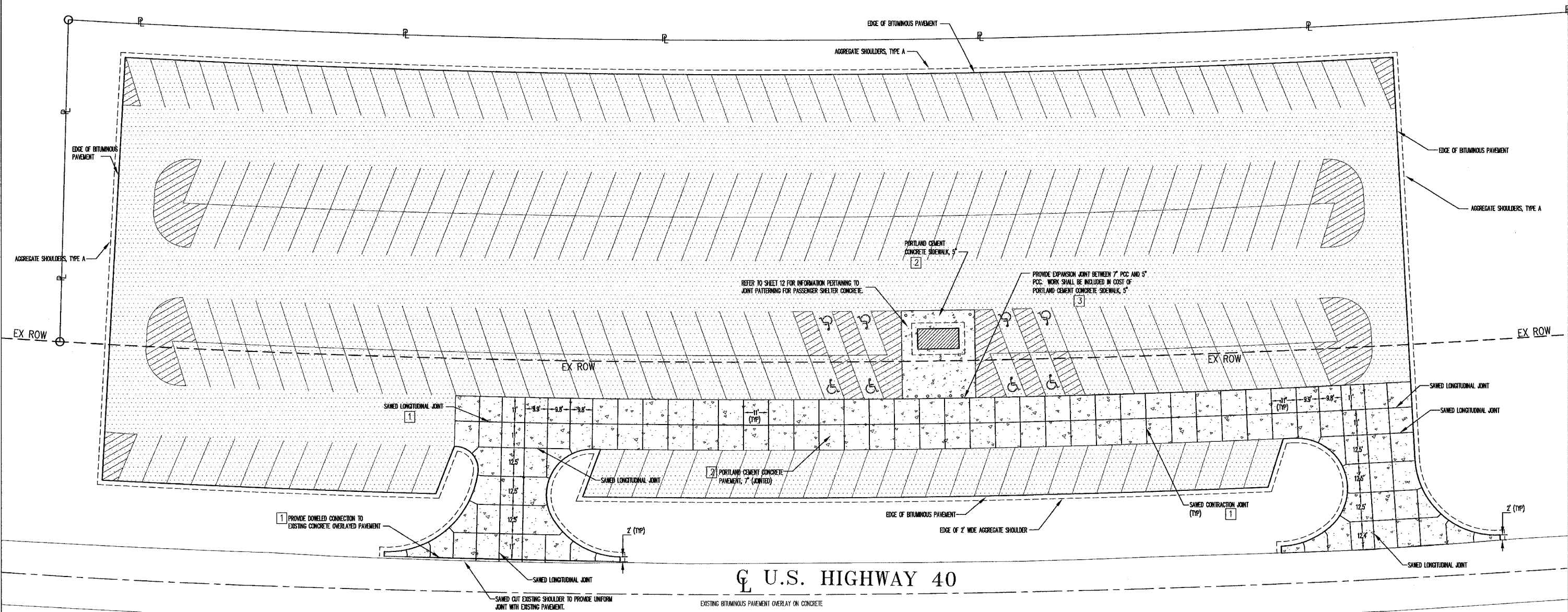


CONTRACT NO. 97270

PAVING LEGEND

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

[illegible]

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% SW = 6% MU OK


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

PAVEMENT STRUCTURE MATERIALS:

RIGID PAVEMENT – 7" PCC PAVEMENT
EXISTING AGGREGATE BASE COURSE

- 1 CONCRETE JOINTING SHALL BE PROVIDED IN ACCORDANCE WITH DOT 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'.

HIGHLAND PARK-RIDE IMPROVEMENTS		
MIXTURE USE	SURFACE	BINDER
AC/PG	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)		# 19.0
FRICTION AGG	MIXTURE C	MIXTURE R

 <p style="text-align: center;">Juneau Associates, Inc. P.C. CONSULTING ENGINEERS AND LAND SURVEYORS 1200 State Street, P.O. Box 1351 Juneau City, Alaska 99904-4725 Phone: (907)277-1450/(907)422-5535 Fax: (907)422-5541</p>	<p style="text-align: center;">PAVING PLAN</p> <p style="text-align: center;">HIGHLAND PARK-RIDE IMPROVEMENTS MADISON COUNTY TRANSIT</p> <p style="text-align: center;">HIGHLAND, ILLINOIS SECTION No. 00-00012-00-PK</p>
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REVISIONS			
NO.	DATE	BY	REMARKS
DWG. NO.			

SCALE:			
DSN. BY:	RGL/AJW	DATE:	12/20/05
DWN. BY:	RGL/AJW	DATE:	12/20/05
CHK'D:	RAK	DATE:	12/20/05
JOB NO.	E054401	DWG NAME:	OF 18 SHTS

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