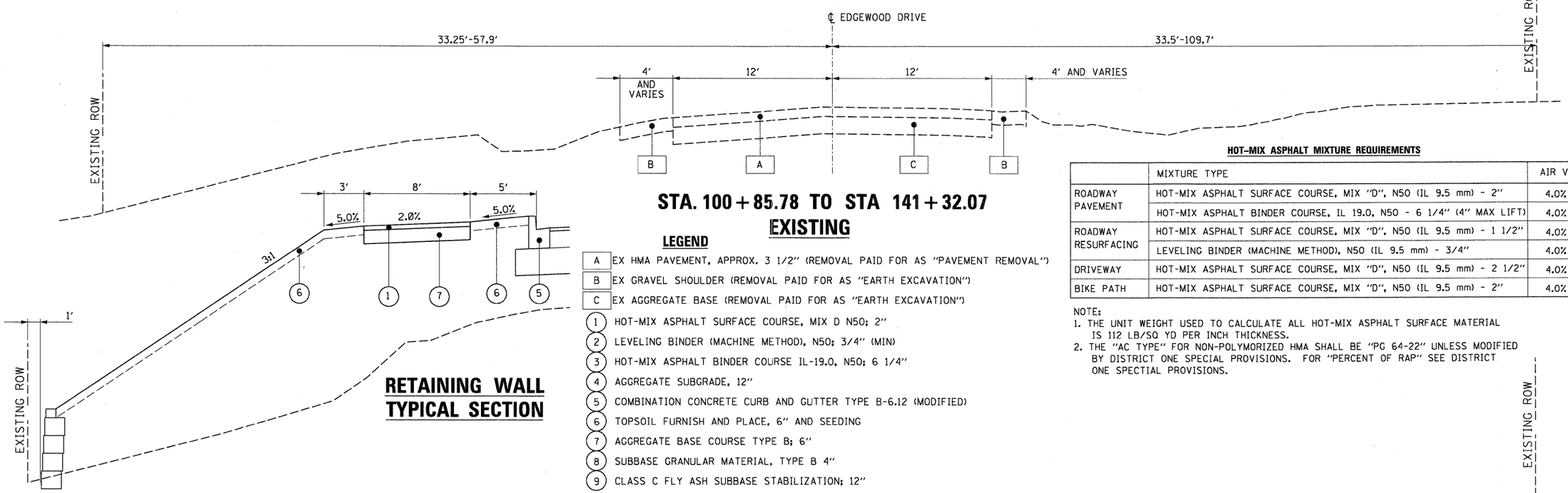


STA. 100+85.78 TO STA 141+32.07
EXISTING

RETAINING WALL TYPICAL SECTION

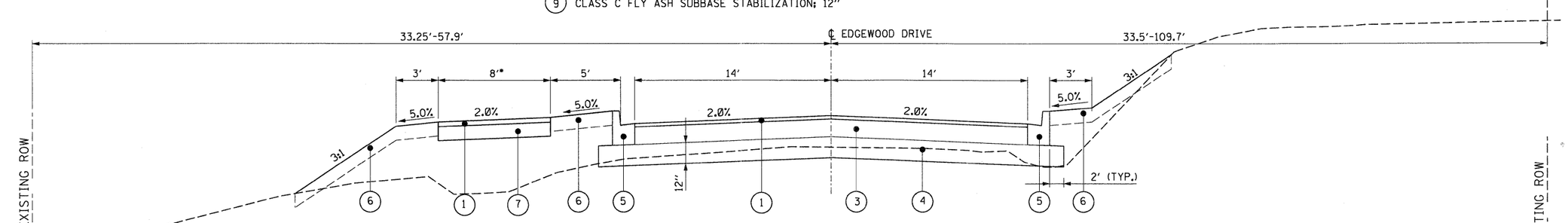
LEGEND

- A EX HMA PAVEMENT, APPROX. 3 1/2" (REMOVAL PAID FOR AS "PAVEMENT REMOVAL")
- B EX GRAVEL SHOULDER (REMOVAL PAID FOR AS "EARTH EXCAVATION")
- C EX AGGREGATE BASE (REMOVAL PAID FOR AS "EARTH EXCAVATION")
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX D N50; 2"
- (2) LEVELING BINDER (MACHINE METHOD), N50; 3/4" (MIN)
- (3) HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50; 6 1/4"
- (4) AGGREGATE SUBGRADE, 12"
- (5) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (MODIFIED)
- (6) TOPSOIL FURNISH AND PLACE, 6" AND SEEDING
- (7) AGGREGATE BASE COURSE TYPE B; 6"
- (8) SUBBASE GRANULAR MATERIAL, TYPE B 4"
- (9) CLASS C FLY ASH SUBBASE STABILIZATION; 12"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

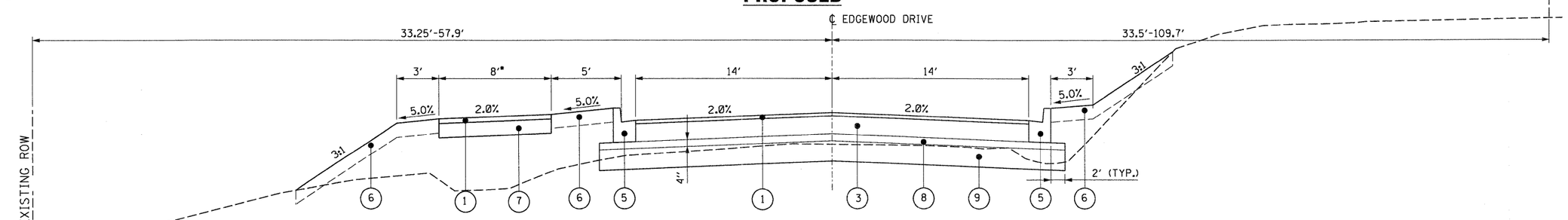
	MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY PAVEMENT	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 2"	4.0% @ 50 GYR.
	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50 - 6 1/4" (4" MAX LIFT)	4.0% @ 50 GYR.
ROADWAY RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 1 1/2"	4.0% @ 50 GYR.
	LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5 mm) - 3/4"	4.0% @ 50 GYR.
DRIVEWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 2 1/2"	4.0% @ 50 GYR.
BIKE PATH	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm) - 2"	4.0% @ 50 GYR.

NOTE:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MATERIAL IS 112 LB/SQ YD PER INCH THICKNESS.
2. THE "AC TYPE" FOR NON-POLYMORIZED HMA SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECTIAL PROVISIONS.



*SHARED-USE PATH BEGINS STA. 100+51.35 AND ENDS STA. 139+11.77

STA. 100+85.78 TO STA 111+00
PROPOSED



*SHARED-USE PATH BEGINS STA. 100+51.35 AND ENDS STA. 139+11.77

STA. 111+00 TO STA 141+32.07
PROPOSED

CHRISTOPHER B. BURKE ENGINEERING LTD.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018
(847) 823-0500

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY PROCESSED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTAT'NS CH'KD / NOTE BOOK NO. / BY / DATE

FILE NAME = N:\ALGONQUIN\070273.20026\Civil\TYP_070273_01.SHT	USER NAME = mwarman	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20'	CHECKED -	REVISED -
	PLOT DATE = 11/15/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EDGEWOOD DRIVE IMPROVEMENTS
EXISTING AND PROPOSED
TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4010	09-00078-00-WR	McHENRY	128	6
		CONTRACT NO. 63655		
		ILLINOIS FED. AID PROJECT		