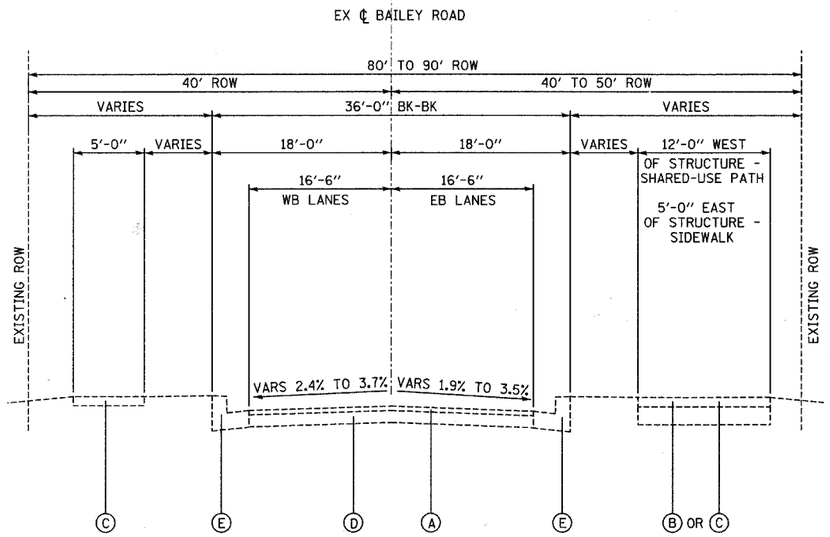
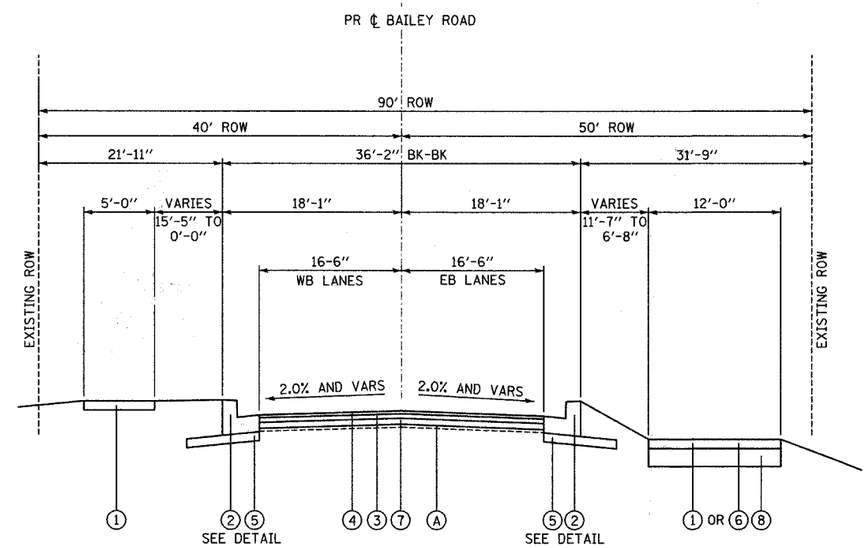
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1545	00-00115-00-BR	DuPAGE	97	7
STA. 1+31.77		TO STA. 5+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT 83961



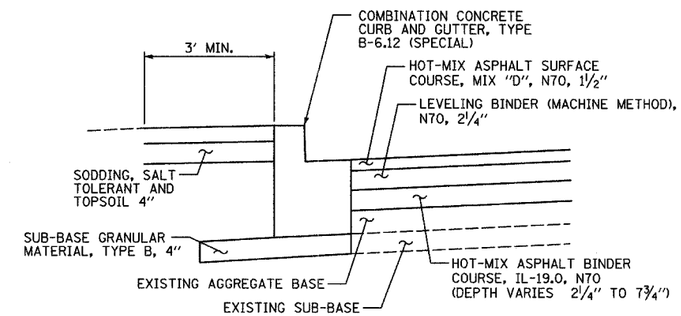
EXISTING PAVEMENT SECTION
STA. 0+33.32 TO STA. 2+15.15 AND
STA. 3+83.15 TO STA. 5+50.00
LOOKING EAST



PROPOSED RESURFACING
STA. 1+31.77 TO STA. 2+15.15
LOOKING EAST

MIXTURE TYPE	AC TYPE	VOIDS
BIKE PATH: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm) 4"	PG 64-22	4% @ 50 Gyr.
DRIVEWAYS: HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm) 2"	PG 64-22	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 PE-2" CE-10"	PG 64-22/ 58-22	4% @ 70 Gyr.
PAVEMENT RESURFACING: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm) 1½"	PG 64-22	4% @ 70 Gyr.
LEVELING BINDER (MACHINE METHOD), N70 2¼"	PG 64-22/ 58-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2¼" MIN. TO 7¾"	PG 64-22/ 58-22	4% @ 70 Gyr.
PATCHING: CLASS D PATCHES, TYPES I, III, & IV (HMA BINDER IL-19mm)	PG 64-22/ 58-22	4% @ 70 Gyr.

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.
3. THE MAXIMUM LIFT OF HMA MATERIALS IS 4".



CURB AND GUTTER INSTALLATION DETAIL
STA. 1+31.77 TO 2+15.15
STA. 3+83.15 TO 5+50.00

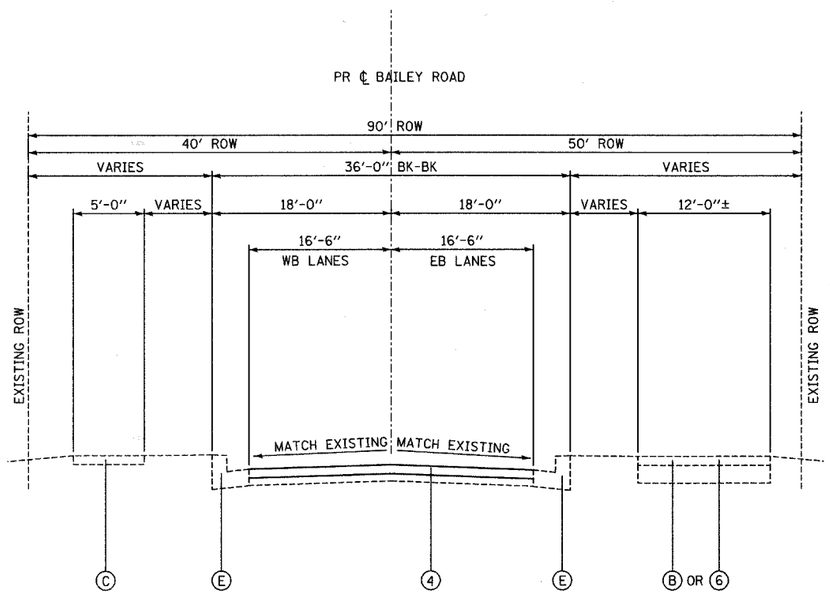
EXISTING LEGEND:

- (A) EXISTING HOT-MIX ASPHALT SURFACE 3"±
- (B) EXISTING HOT-MIX ASPHALT SHARED-USE PATH (4"± HMA & 9"± AGG BASE)
- (C) EXISTING CONCRETE SIDEWALK 5"±
- (D) EXISTING AGGREGATE BASE
- (E) EXISTING CONCRETE CURB AND GUTTER B-6.12

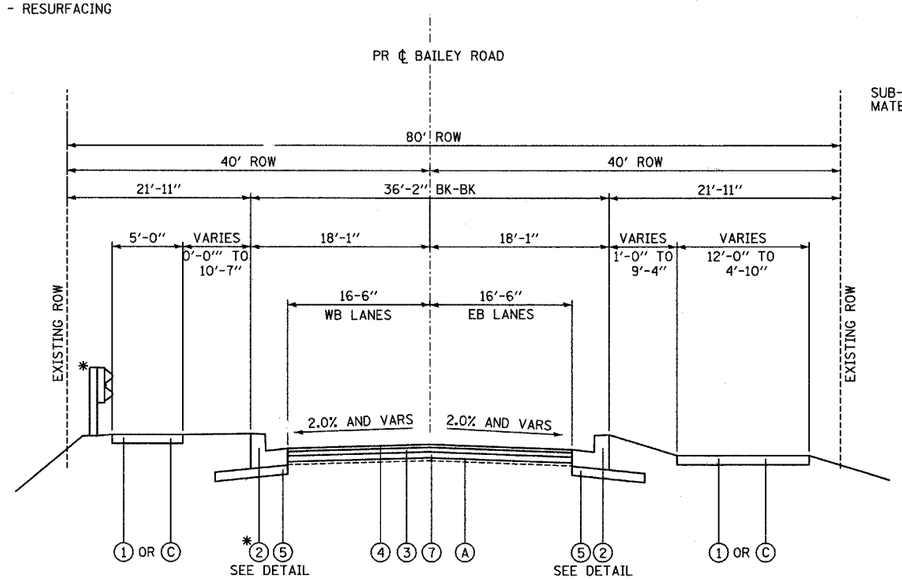
STA. 0+33.32 TO STA. 1+31.77 - RESURFACING (CITY FUNDED)
STA. 1+31.77 TO STA. 2+15.15 - RESURFACING
STA. 2+15.15 TO STA. 2+45.15 - BRIDGE APPROACH PAVEMENT

STA. 2+45.15 TO STA. 3+53.15 - BRIDGE (SEE SHEETS 22 TO 60)

STA. 3+53.15 TO STA. 3+83.15 - BRIDGE APPROACH PAVEMENT
STA. 3+83.15 TO STA. 5+50.00 - RESURFACING



PROPOSED RESURFACING
(CITY FUNDED)
STA. 0+33.32 TO STA. 1+31.77
LOOKING EAST



PROPOSED RESURFACING
STA. 3+83.15 TO STA. 5+50.00
LOOKING EAST

PROPOSED LEGEND:

1. PCC SIDEWALK 5 INCH
2. CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
3. LEVELING BINDER (MACHINE METHOD), N70, 2¼"
4. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1½" (USE 2¼" DEPTH IN CITY FUNDED RESURFACING SECTION)
5. SUB-BASE GRANULAR MATERIAL, TYPE B 4"
6. HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 4" (INCLUDED IN THE COST FOR REMOVE AND REPLACE BITUMINOUS SURFACE, SPECIAL)
7. HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (DEPTH VARIES 2¼" TO 7¾")
8. AGGREGATE BASE COURSE, TYPE B 9" (INCLUDED IN THE COST FOR REMOVE AND REPLACE BITUMINOUS SURFACE, SPECIAL)

*-CCC&G M-6.12 (SPECIAL), GUARDRAIL TERMINALS, AND PCC SIDEWALK 5 INCH INSTALLED FROM STA. 3+83.15 TO 4+43.95

REVISIONS	
NAME	DATE

BRIDGE REHABILITATION
BAILEY ROAD OVER
WEST BRANCH OF THE DUPAGE RIVER

EXISTING AND PROPOSED
TYPICAL PAVEMENT SECTIONS

CONSULTANT
TY·LIN INTERNATIONAL

City of Naperville

DRAWN: RTM
CHECKED: SP
APPROVED:
DATE: JULY 13, 2007
SCALE: NONE
JOB NO.: C-91-062-04

SHEET NO. 7

PROJECT NO.: BHM-8003(343)