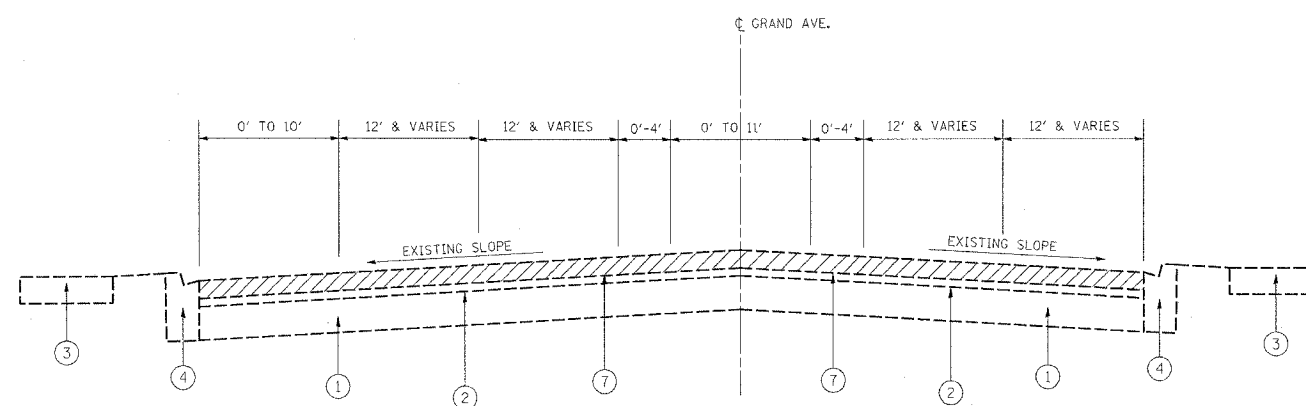


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
541	2000-112 RS	LAKE	35	5
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

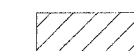
CONTRACT NO. 62056



EXISTING TYPICAL SECTION
GRAND AVE.

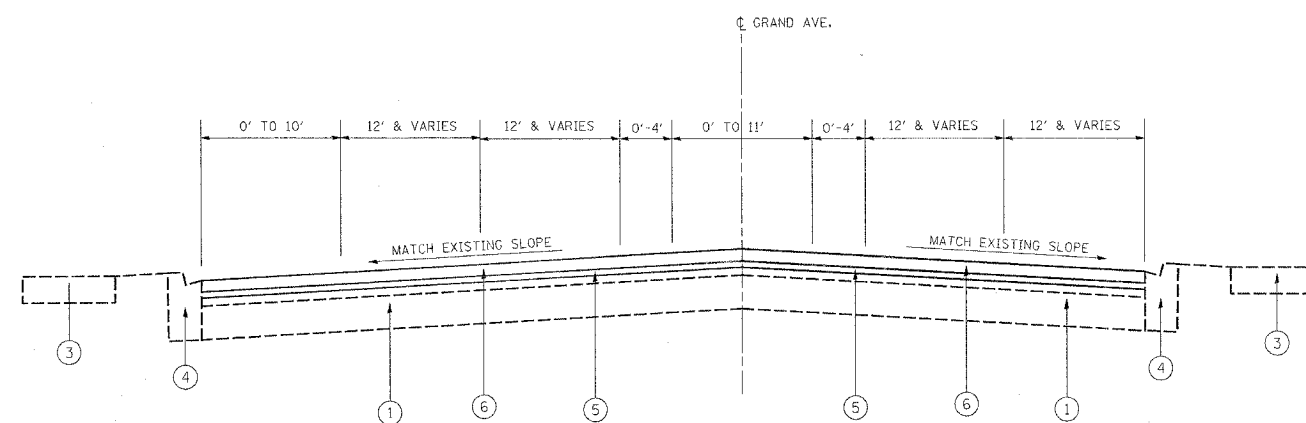
STATION
2+82 TO 13+91

LEGEND



REMOVAL

- ① EXISTING PCC BASE COURSE, 9"(\pm)
- ② EXISTING BIT. CONCRETE SURFACE COURSE, 3"(\pm)
- ③ EXISTING PCC SIDEWALK (LOCATION VARIES)
- ④ EXISTING TYPE B-6.24 CURB & GUTTER
B-6.12 CURB & GUTTER FROM
11+80 TO 13+91 ON NORTH
12+31 TO 13+91 ON SOUTH
- ⑤ PROPOSED POLYMERIZED LEVELING BINDER (MM), SUPERPAVE, IL-4.75, N50, 3/4"
- ⑥ PROPOSED BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "D", N70, 1 1/2"
- ⑦ BITUMINOUS SURFACE REMOVAL - 2 1/4"



PROPOSED TYPICAL SECTION
GRAND AVE.

STATION
2+82 TO 13+91

BITUMINOUS MIXTURE REQUIREMENTS

MIXTURE USE	AC TYPE	MAX RAP. (%)	AIR VOIDS (%)
POLYMERIZED LEVELING BINDER (MM), SUPERPAVE, IL-4.75, N50	SBS/SBR 76-28	0%	2.5% @ 50 GYR
BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "D" N70	PG 64-22	10%	4% @ 70 GYR
BIT. REPLACEMENT OVER PATCHES, IL-19.0 MM	PG 64-22	15%	4% @ 70 GYR
CLASS D PATCHES, IL-19.0, 9"	PG 64-22	15%	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL BITUMINOUS SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

DRIVEWAYS (PE & CE)

BITUMINOUS BASE COURSE SUPERPAVE	PG 58-22	50%	2% @ 50 GYR
BIT. CONC. SURFACE COURSE, SUPERPAVE, MIX "C" N50	PG 64-22	15%	4% @ 50 GYR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GRAND AVE.
EXISTING AND PROPOSED
TYPICAL SECTIONS

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 8/28/2006
PLOT SCALE = 3/8" = 1' / IN.
USER NAME = wjgreene