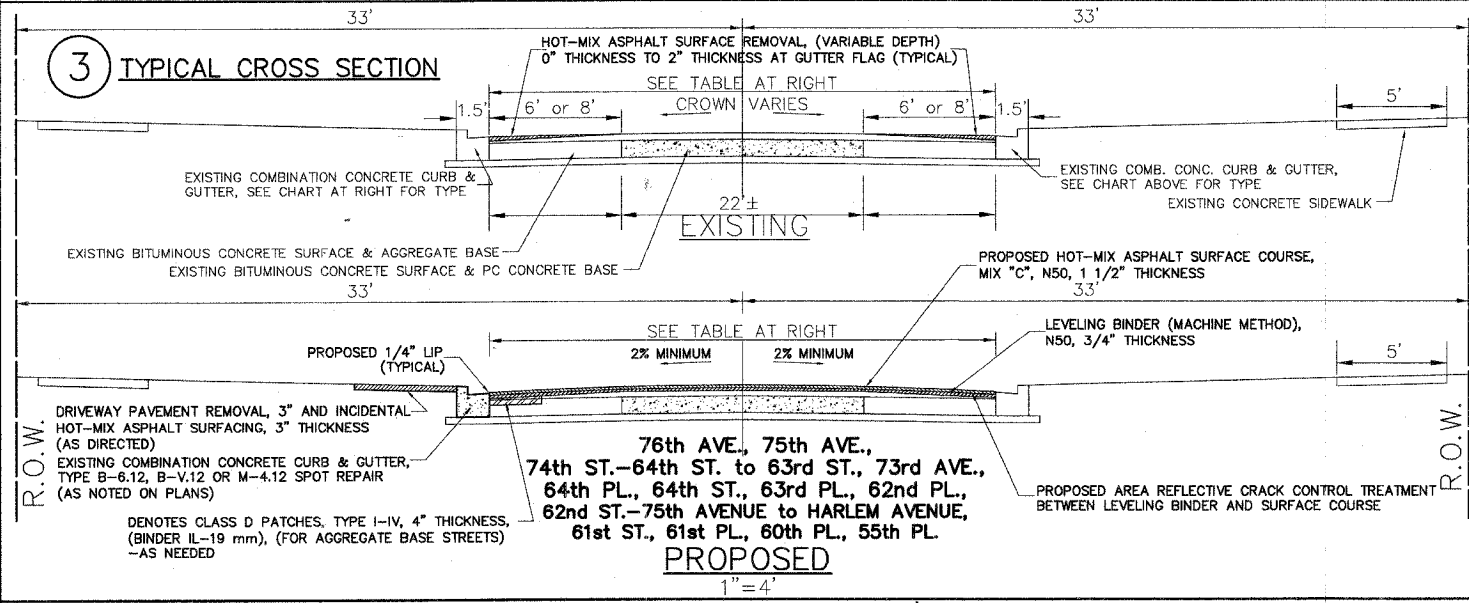
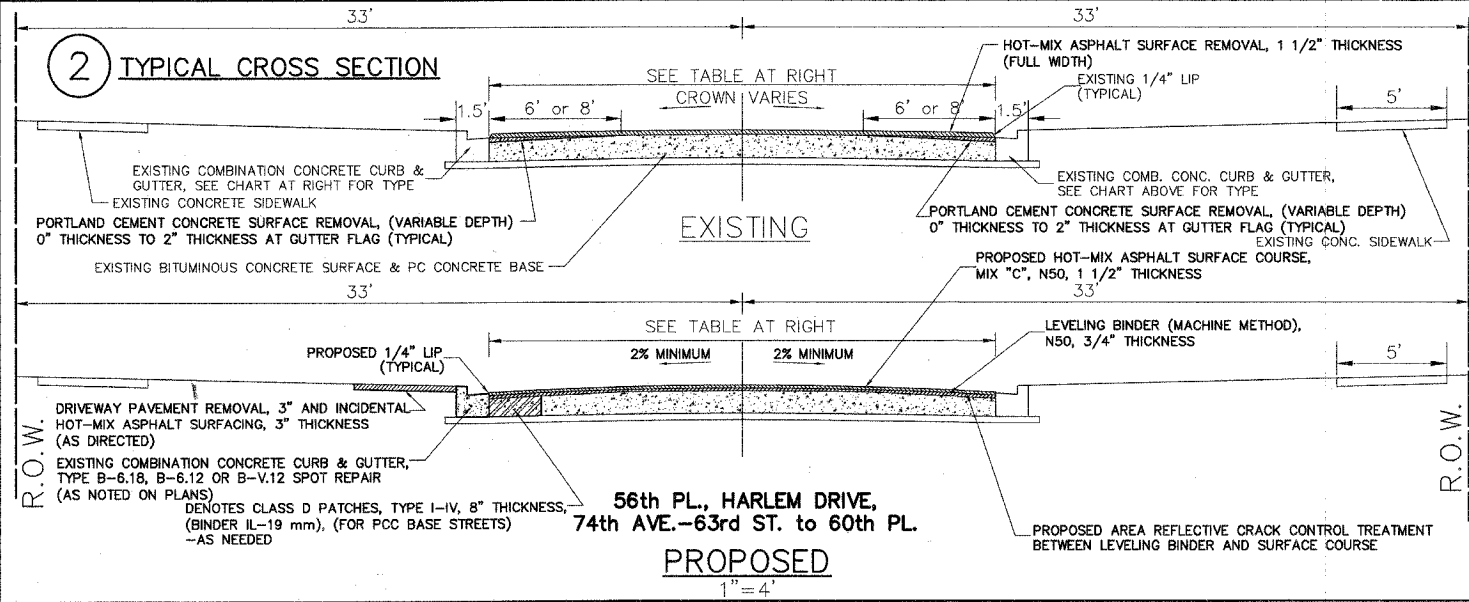
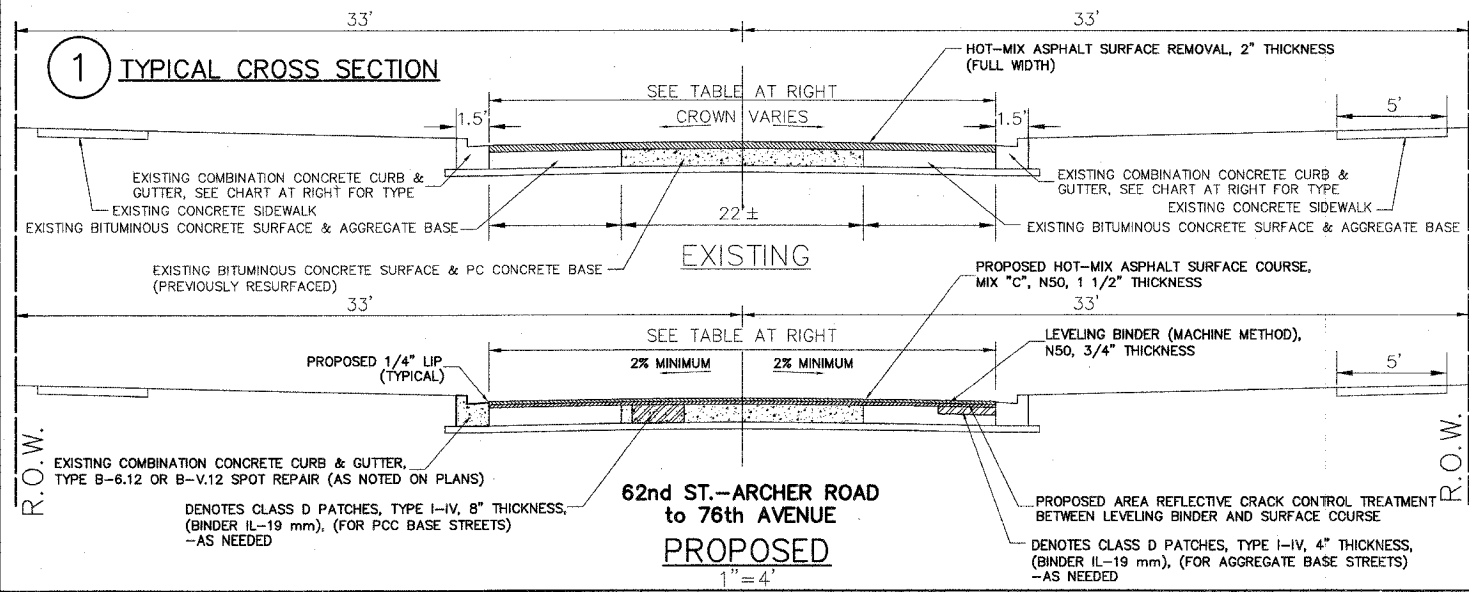


CONTRACT NO. 83903



**HOT-MIX ASPHALT MIXTURE REQUIREMENT**

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2" THICKNESS	PG 64-22	4% @ 50 GYR
LEVELING BINDER (MACHINE METHOD), N50, 3/4" THICKNESS	*PG 64-22/58-22	4% @ 50 GYR
INCIDENTAL HOT-MIX ASPHALT SURFACING, HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3" THICKNESS	PG 64-22	4% @ 50 GYR
CLASS D PATCHES, TYPE I-IV, 4" OR 8" THICKNESS, (BINDER IL-19mm)	*PG 64-22/58-22	4% @ 70 GYR

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD IN.  
 \* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

**STREET INFORMATION TABLE**

TYPICAL CROSS SECTION NUMBER	STREET NAME	GROSS LENGTH (IN FEET)	NET LENGTH (IN FEET)	CURB TYPE	PAVEMENT BASE	DESIGN TRAFFIC: ADT=	POSTED SPEED LIMIT/DESIGN SPEED LIMIT	E-E DIMENSION (FT.)	R.O.W. DIMENSION (FT.)
3	76th AVE. - S. OF 64th ST. to 63rd ST.	1011	971	B-6.12	PCC/AGG	400	20 MPH/20 MPH	28	66
3	76th AVE. - 63rd ST. to 61st ST.	1331	1289	B-6.12	PCC/AGG	400	20 MPH/20 MPH	45.3	66
3	76th AVE. - 61st ST. to 60th PL.	364	364	B-6.12	PCC/AGG	400	20 MPH/20 MPH	32.8	66
3	75th AVE. - 64th PL. to 64th ST.	314	314	B-V.12	PCC/AGG	400	20 MPH/20 MPH	28	60
3	75th AVE. - 64th ST. to 63rd PL.	336	336	B-V.12	PCC/AGG	400	20 MPH/20 MPH	30	60
3	75th AVE. - 63rd PL. to 63rd ST.	361	325	B-V.12	PCC/AGG	400	20 MPH/20 MPH	31.8	60
3	75th AVE. - 63rd ST. to 60th PL.	1626	1577	B-V.12	PCC/AGG	400	20 MPH/20 MPH	33.3	66
3	74th AVE. - 64th ST. to 63rd PL.	370	370	B-V.12	PCC	400	20 MPH/20 MPH	28.2	66
3	74th AVE. - 63rd PL. to 63rd ST.	361	307	B-V.12	PCC	400	20 MPH/20 MPH	32	66
2	74th AVE. - 63rd ST. to 60th PL.	1694	1645	B-V.12	PCC	400	20 MPH/20 MPH	22.1	66
3	73rd AVE. - S. OF 63rd PL. to 63rd ST.	648	598	B-V.12	PCC/AGG	400	20 MPH/20 MPH	32.5	66
3	73rd AVE. - 63rd ST. to STA. 12+20	159	109	B-V.12	PCC/AGG	400	20 MPH/20 MPH	47	66
3	73rd AVE. - STA. 12+20 to STA. 18+15	595	595	B-V.12	PCC/AGG	400	20 MPH/20 MPH	26.6	66
3	73rd AVE. - STA. 18+15 to 61st PL.	244	244	B-V.12	PCC/AGG	400	20 MPH/20 MPH	24.4	66
3	73rd AVE. - 61st PL. to 61st ST.	300	300	B-V.12	PCC/AGG	400	20 MPH/20 MPH	22.4	66
3	73rd AVE. - 61st ST. to 60th ST.	529	529	B-V.12	PCC/AGG	400	20 MPH/20 MPH	25.7	66
3	63rd PL. - W. OF 76th AVE. to 74th AVE.	2104	1978	B-V.12	PCC/AGG	400	20 MPH/20 MPH	32.5	94
3	64th ST. - W. OF 76th AVE. to 74th AVE.	1791	1665	B-V.12	PCC/AGG	400	20 MPH/20 MPH	28.4	60
3	64th PL. - 75th AVE. to 74th AVE.	620	620	B-V.12	PCC/AGG	400	20 MPH/20 MPH	28	60
1	62nd ST. - ARCHER RD. to 76th AVE.	632	632	B-V.12	PCC/AGG	400	20 MPH/20 MPH	37	66
3	62nd ST. - 75th AVE. to 74th AVE.	630	597	B-V.12	PCC/AGG	400	20 MPH/20 MPH	34	66
3	62nd ST. - 74th AVE. to HARLEM AVE.	1262	1163	B-V.12	PCC/AGG	400	20 MPH/20 MPH	32.3	66
3	62nd PL. - 76th AVE. to 74th AVE.	1290	1191	B-V.12	PCC/AGG	400	20 MPH/20 MPH	34	66
3	62nd PL. - 74th AVE. to 63rd ST. CUT-OFF	1079	980	B-V.12	PCC/AGG	400	20 MPH/20 MPH	32	66
3	61st PL. - 76th AVE. to HARLEM AVE.	2559	2361	B-6.12	PCC/AGG	400	20 MPH/20 MPH	34	66
3	61st ST. - ARCHER RD. to 76th AVE.	485	452	B-V.12	PCC	400	20 MPH/20 MPH	36.6	66
3	61st ST. - 76th AVE. to 75th AVE.	662	596	B-V.12	PCC	400	20 MPH/20 MPH	33.8	66
3	61st ST. - 75th AVE. to 74th AVE.	629	596	B-6.12	PCC	400	20 MPH/20 MPH	33.8	66
3	60th PL. - 76th AVE. to 75th CT.	279	279	B-V.12	PCC/AGG	400	20 MPH/20 MPH	34	66
3	60th PL. - 75th AVE. to 74th AVE.	589	589	B-V.12	PCC/AGG	400	20 MPH/20 MPH	34	66
2	56th PL. - ARCHER RD. to 74th AVE.	982	982	B-6.12	PCC	400	20 MPH/20 MPH	22	66
2	56th PL. - 74th AVE. to 73rd AVE.	654	654	B-6.18	PCC	400	20 MPH/20 MPH	22	66
2	HARLEM DR. - 72nd PL. TO PARK AVE.	436	436	B-6.12	PCC	100	20 MPH/20 MPH	22	59
3	55th PL. - ARCHER RD. to STA. 6+37	788	788	M-4.12	PCC/AGG	400	20 MPH/20 MPH	32	33 & 66
TOTAL:		27,846 FT	26,564 FT						

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 825 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-3132  
 Illinois Professional Design Firm No. 184-000928

PROJECT: **VILLAGE OF SUMMIT, ILLINOIS STREET RESURFACING**  
 MFT SECTION NO. 05-00059-00-RS

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW

TYPICAL CROSS SECTIONS  
 DESIGN DETAILS  
 HOT-MIX ASPHALT MIXTURE REQUIREMENT

PROJECT NO. 05442	SCALE AS NOTED	SHEET 3 OF 23 SHEETS
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	