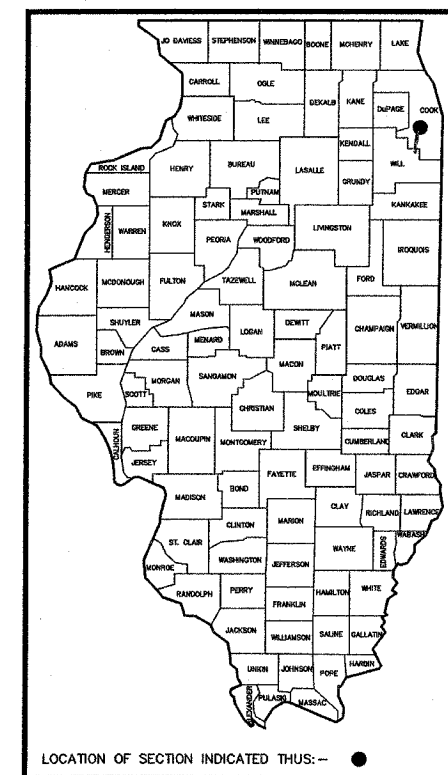


FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	1

CONTRACT NO. 83903

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED FEDERAL AID URBAN PROJECT

VARIOUS ROUTES  
LAPP RESURFACING  
FEDERAL PROJECT HPP-3464(001)  
M.F.T. SECTION NO. 05-00059-00-RS  
VILLAGE OF SUMMIT  
COOK COUNTY  
JOB NO. C-91-221-06



### VILLAGE OF SUMMIT

APPROVED                      JANUARY 11,            20  07

VILLAGE PRESIDENT                     

PASSED                      FEBRUARY 15, 2007

                     CHRISTOPHER HOLT  
DISTRICT #1 ENGINEER OF LOCAL ROADS & STREETS

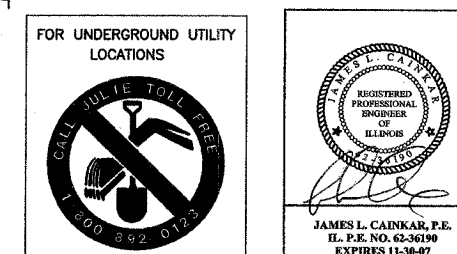
RELEASING FOR BID  
BASED ON LIMITED  
REVIEW                      February 16, 2007

                     Diane O'Keefe / CA  
DEPUTY DIRECTOR OF HIGHWAYS, REGION #1 ENGINEER

PROJECT LOCATED IN THE  
VILLAGE OF SUMMIT

TOWNSHIP 38 NORTH  
RANGE 12 EAST  
LYONS TOWNSHIP

SEE PAGE 3 FOR  
DESIGN DETAILS



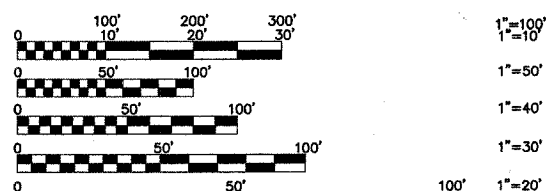
PRINTED BY THE AUTHORITY OF THE  
STATE OF ILLINOIS

FNA JOB # 05442

- INDEX OF SHEETS**
- 1.) COVER SHEET, INDEX OF SHEETS, LOCATION MAP, INDEX OF STATE STANDARDS
  - 2.) GENERAL NOTES AND SUMMARY OF QUANTITIES
  - 3.) TYPICAL CROSS SECTIONS, BITUMINOUS MIXTURES REQUIREMENT
  - 4.) PLAN: 76th AVE. - S. OF 64th ST. to 60th PL.
  - 5.) PLAN: 75th AVE. - 64th PL. to 60th PL.
  - 6.) PLAN: 74th AVE. - 64th PL. to 60th PL.
  - 7.) PLAN: 73rd AVE. - S. OF 63rd PL. to 60th ST.
  - 8.) PLAN: 63rd PL. - W. OF 76th AVE. to 74th AVE., 64th ST. - W. OF 76th AVE. to 74th AVE.
  - 9.) PLAN: 64th PL. - 75th AVE. to 74th AVE. 62nd ST. - ARCHER RD. to 76th AVE. 62nd ST. - 75th AVE. to HARLEM AVE.
  - 10.) PLAN: 62nd PL. - 76th AVE. to 63rd ST. CUT-OFF, 61st PL. - 76th AVE. to HARLEM AVE.
  - 11.) PLAN: 61st ST. - ARCHER RD. to 74th AVE. 60th PL. - 76th AVE. to 74th AVE.
  - 12.) PLAN: 56th PL. - ARCHER RD. to 73rd AVE. HARLEM DR. - 72nd PL. TO PARK AVE. 55th PL. - ARCHER RD. to 74th AVE.
  - 13.-17.) PLAN: PAVEMENT MARKING
  - 18.) DISTRICT ONE TYPICAL PAVEMENT MARKINGS
  - 19.) TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS
  - 20.) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
  - 21.) FRAMES AND LIDS ADJUSTMENTS WITH MILLING
  - 22.) BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS
  - 23.) PAVEMENT PATCHING FOR HOT-MIX ASPHALT SURFACED PAVEMENT

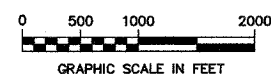
**STATE STANDARDS**

- 000001-04 STANDARDS SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 442201-02 CLASS C AND D PATCHES
- 606001-03 CONCRETE CURB AND COMBINATION CONCRETE CURB & GUTTER
- 604001-02 FRAME & LIDS, TYPE 1
- 701501-03 URBAN LANE CLOSURE, 2 L, 2 W UNDIVIDED
- 701801-03 LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 702001-06 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

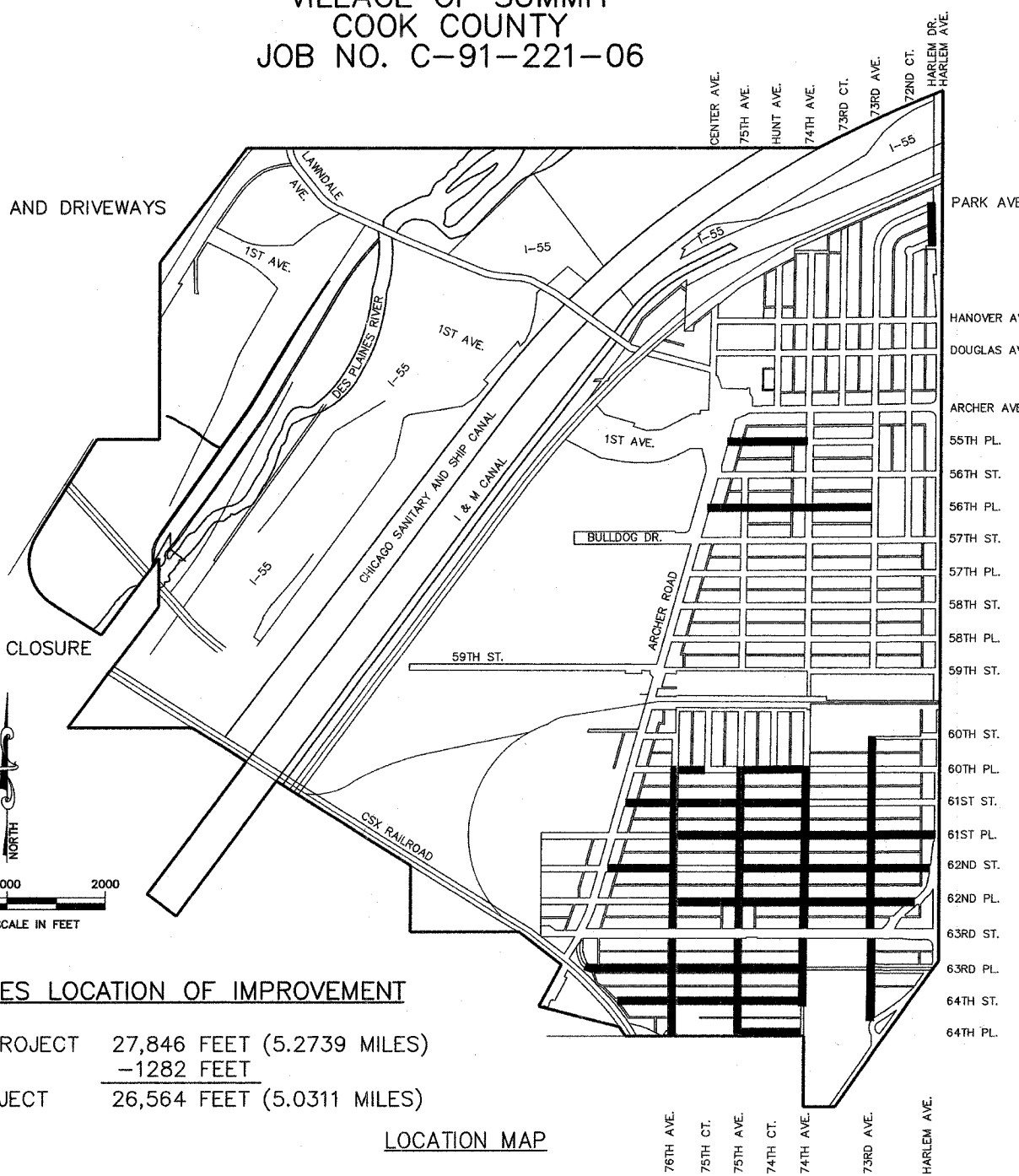
SEE SHEET 2 FOR  
ADT POSTED AND  
DESIGN SPEED



————— DENOTES LOCATION OF IMPROVEMENT

GROSS LENGTH OF PROJECT 27,846 FEET (5.2739 MILES)  
CONTRACT OMISSION -1282 FEET  
NET LENGTH OF PROJECT 26,564 FEET (5.0311 MILES)

LOCATION MAP



FEDERAL-AID DESIGN ENGINEER: ABIGAIL WILGREEN (847)705-4233  
CONSULTANT: FRANK NOVOTNY AND ASSOCIATES, INC. (630)887-8640

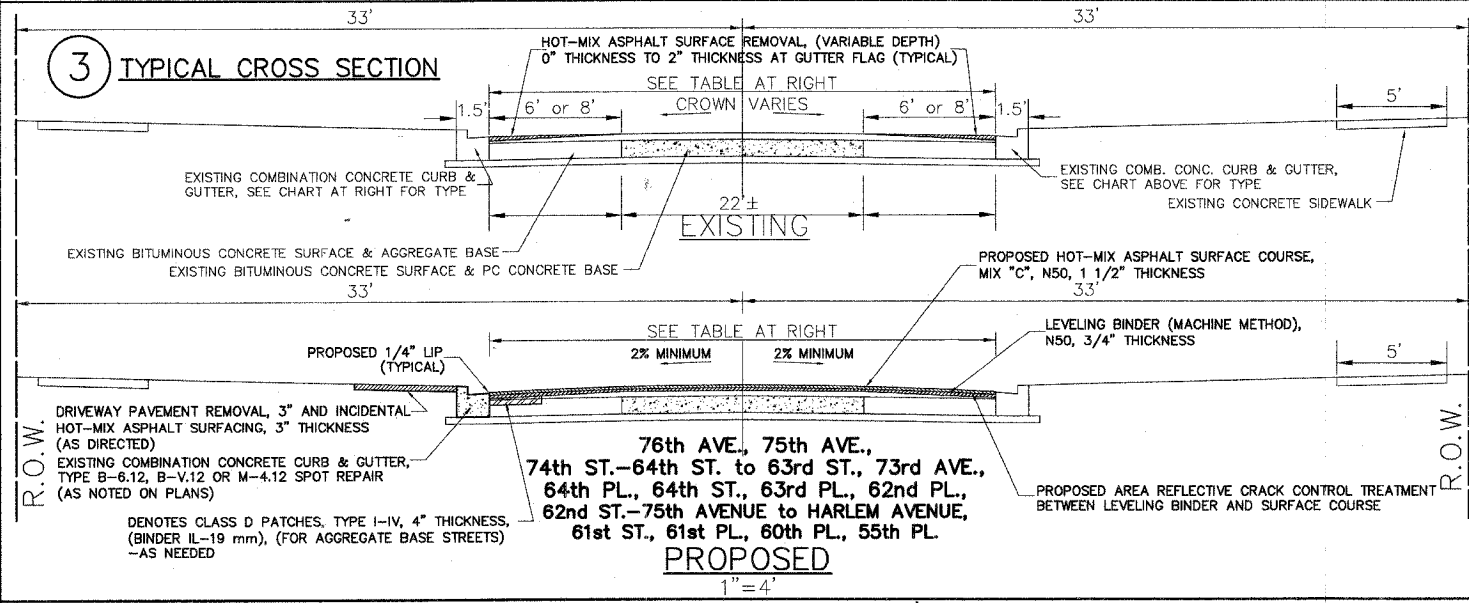
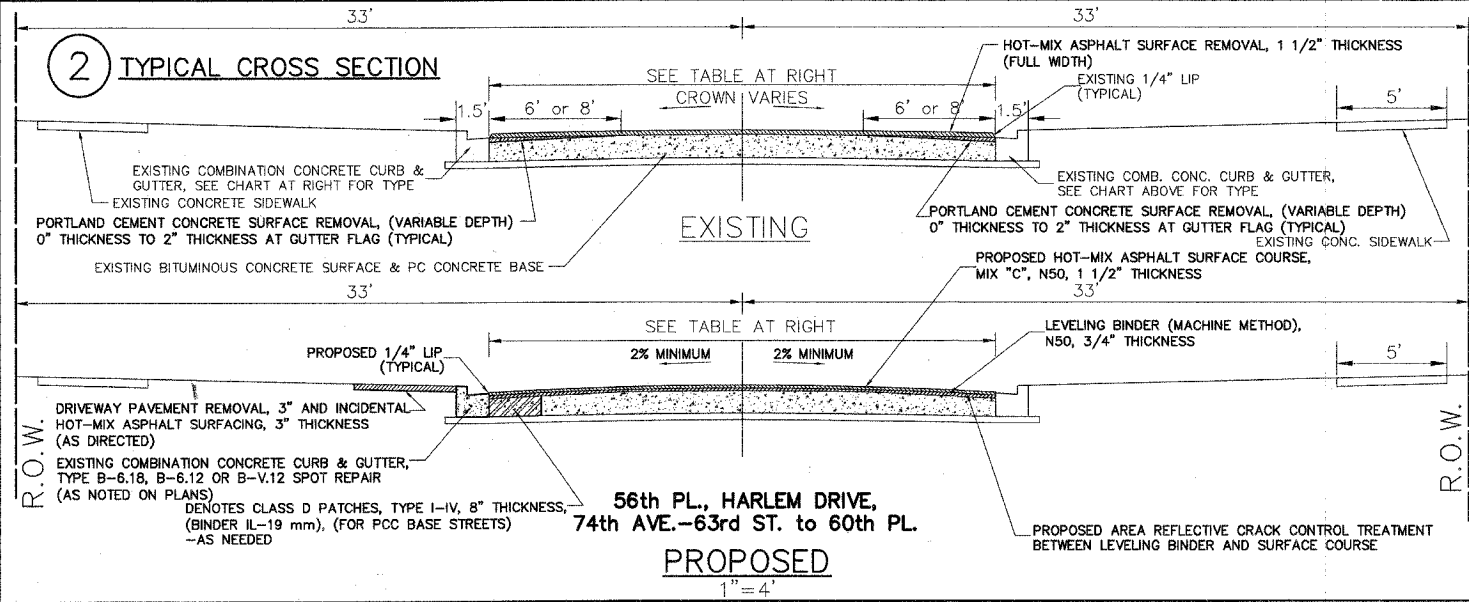
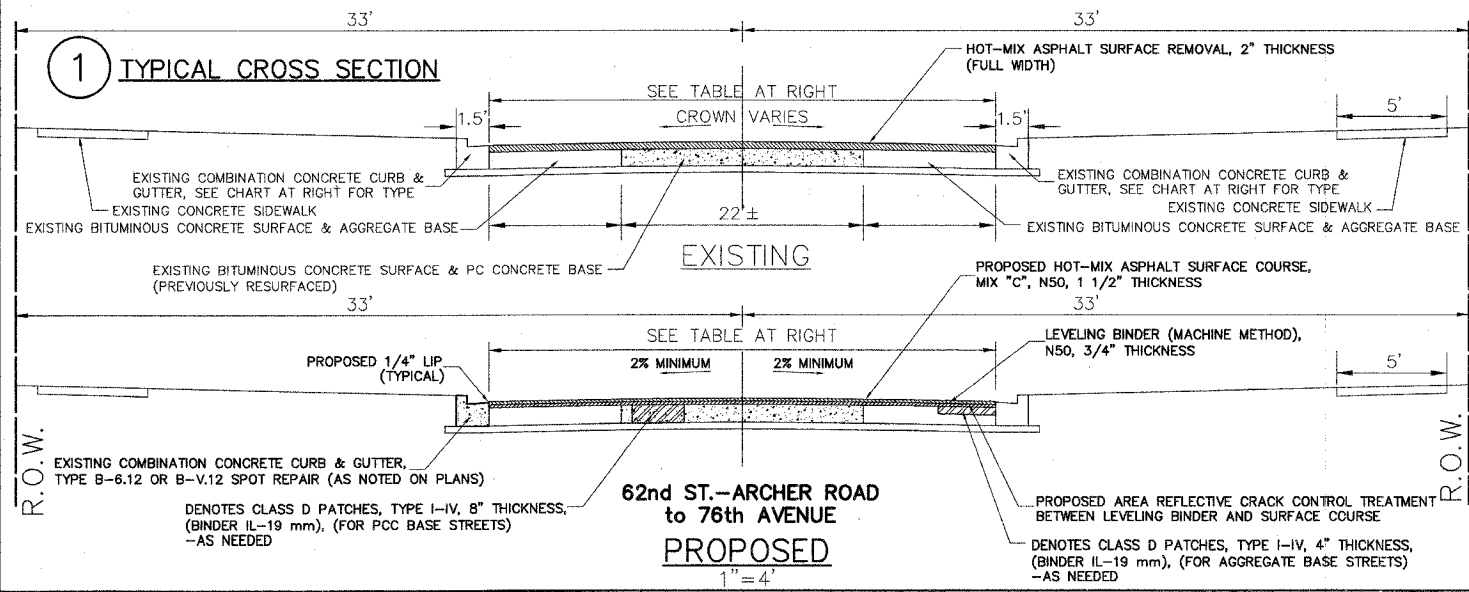
CONTRACT NO. 83903

R E V I S I O N S			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW



FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	3

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						

**Frank Novotny & Associates, Inc.**  
 Civil Engineers/Municipal Consultants  
 825 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-0132  
 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

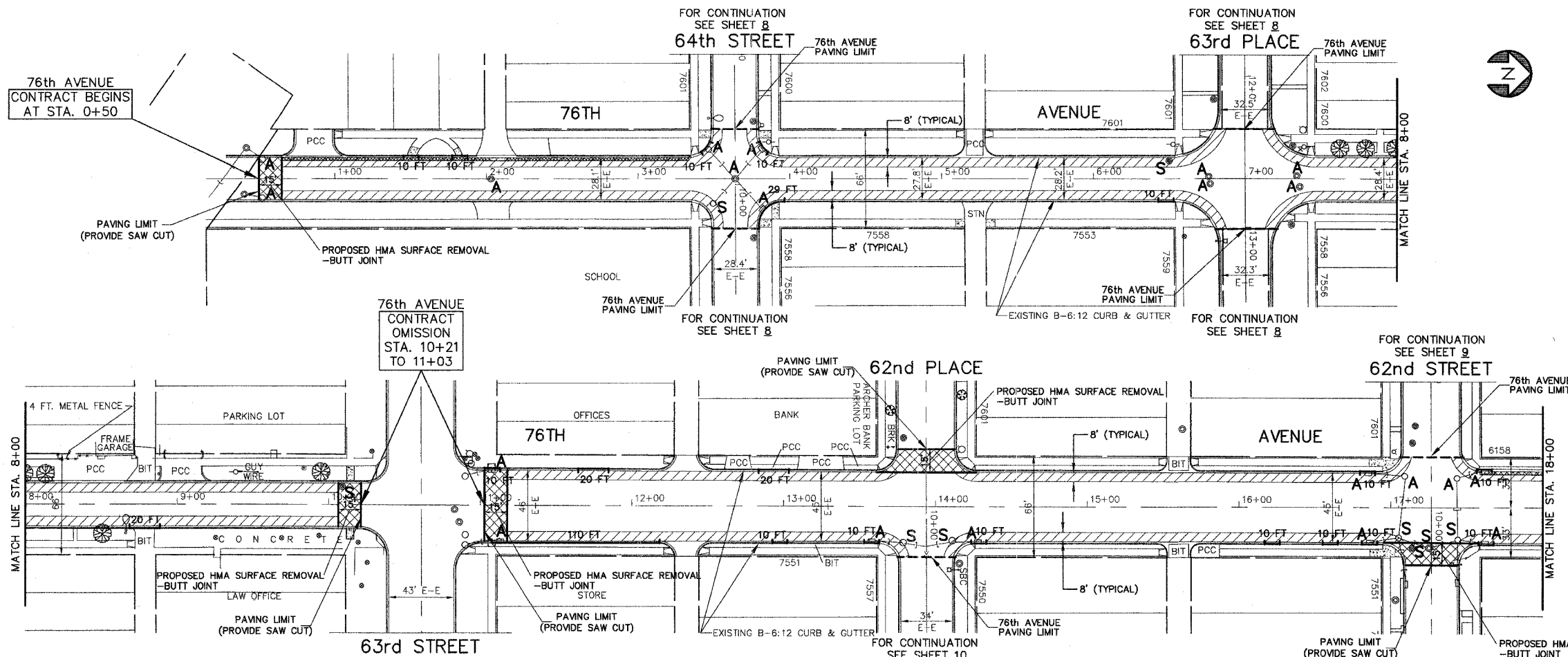
PROJECT NO. 05442  
 SCALE AS NOTED  
 DRAWN/DESIGNED DATE OCT., 2006  
 CHECKED/APPROVED FIELD BOOK NO. FILE  
 SHEET 3 OF 23 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	4

CONTRACT NO. 83903

**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

TYPICAL CROSS SECTION  
 (3)  
 APPLIES FOR 76th AVENUE



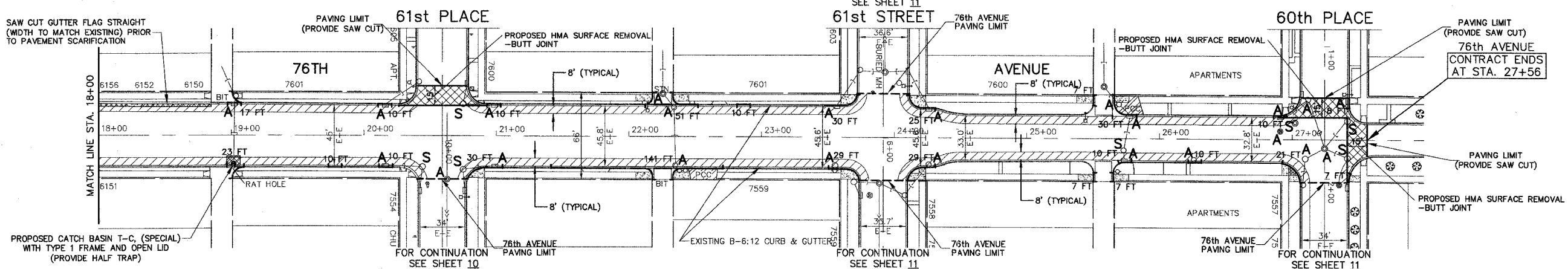
FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK SEE SHEET 3

NOTE: 1) ALL NEW DRAINAGE STRUCTURES SHALL BE INSTALLED WITH HALF TRAPS, WHICH SHALL BE INCLUDED IN THE DRAINAGE STRUCTURE PAY ITEM.  
 2) ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.  
 3) ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

**LEGEND**

	DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, (15' WIDTH)
	DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
	DENOTES CLASS D PATCHES, TYPE I-IV, 4" (FOR AGGREGATE BASE STREETS) -AS DIRECTED BY THE ENGINEER
	DENOTES CLASS D PATCHES, TYPE I-IV, 8" (FOR CONCRETE BASE STREETS) -AS DIRECTED BY THE ENGINEER
	DENOTES PAVEMENT REMOVAL AND P.C. CONCRETE PAVEMENT REPLACEMENT, 8"
	DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)
	DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL AND SIDEWALK REMOVAL, WITH DETECTABLE WARNING STRIP WHERE APPLICABLE

"A"	DENOTES EXISTING VALVE VAULTS, VALVE BOXES, CATCH BASINS AND MANHOLES TO BE CLEANED, GROUTED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
"S"	DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL)
8 FT	DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (DEPRESS AT SIDEWALK)
	DENOTES EXISTING SIDEWALK RAMP TO REMAIN



**Frank Novotny & Associates, Inc.**  
 Civil Engineers/Municipal Consultants  
 825 Midway Drive • Willowbrook, IL • 60527 • Telephone: (630) 887-8640 • Fax: (630) 887-0132  
 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

PLAN:  
 76th AVE. - S. OF 64th ST. TO 60th PL.

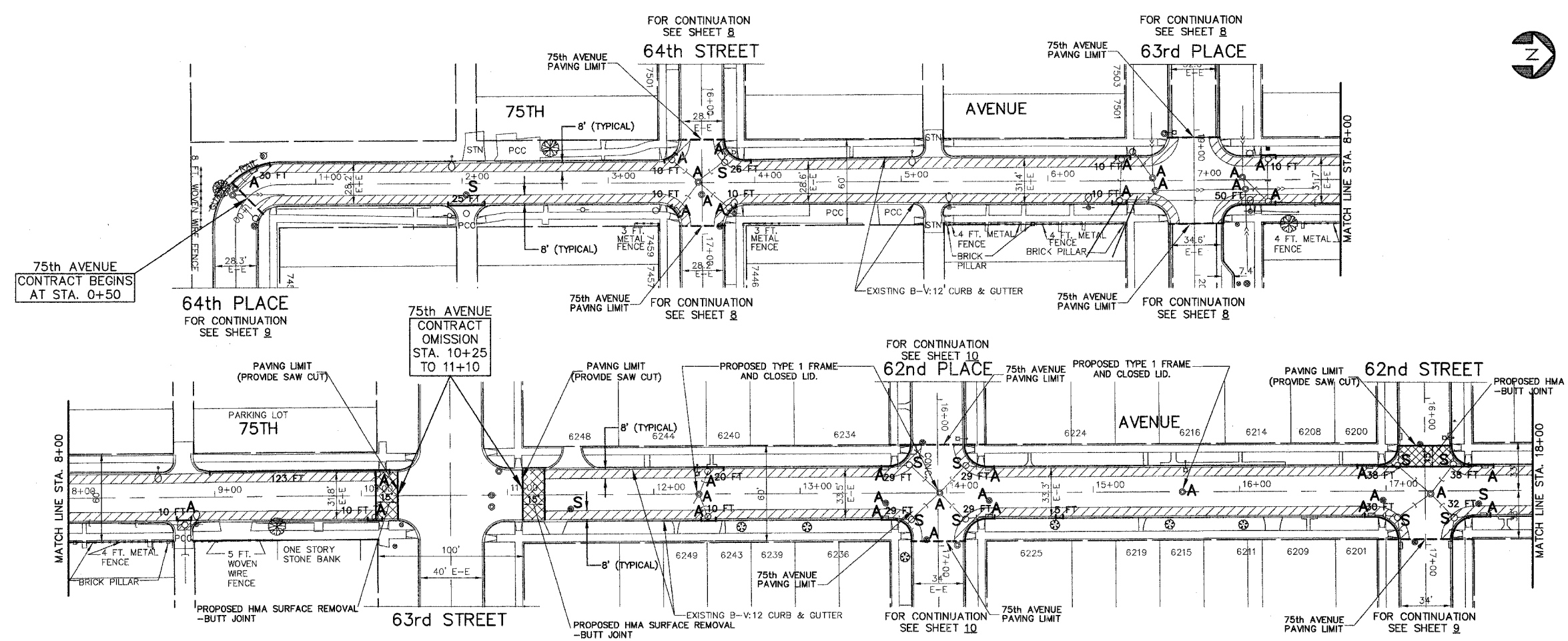
PROJECT NO. 05442	SCALE 1"=40'	SHEET 4 OF 23 SHEETS
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	5

CONTRACT NO. 83903

**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

TYPICAL CROSS SECTION  
 (3)  
 APPLIES FOR 75th AVENUE



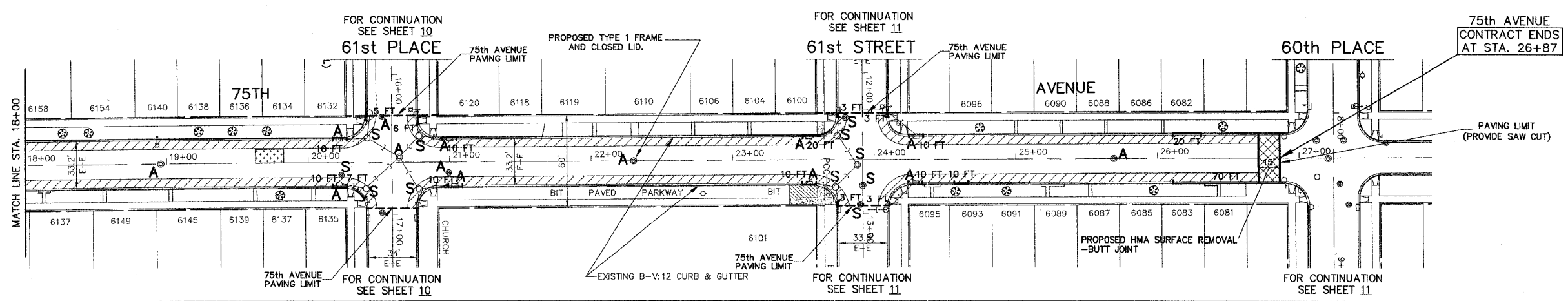
FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK SEE SHEET 3

NOTE: 1) ALL NEW DRAINAGE STRUCTURES SHALL BE INSTALLED WITH HALF TRAPS, WHICH SHALL BE INCLUDED IN THE DRAINAGE STRUCTURE PAY ITEM.  
 2) ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.  
 3) ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

**LEGEND**

	DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, (15' WIDTH)
	DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
	DENOTES CLASS D PATCHES, TYPE I-IV, 4" (FOR AGGREGATE BASE STREETS) -AS DIRECTED BY THE ENGINEER
	DENOTES CLASS D PATCHES, TYPE I-IV, 8" (FOR CONCRETE BASE STREETS) -AS DIRECTED BY THE ENGINEER
	DENOTES PAVEMENT REMOVAL AND P.C. CONCRETE PAVEMENT REPLACEMENT, 8"
	DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)
	DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL AND SIDEWALK REMOVAL, WITH DETECTABLE WARNING STRIP WHERE APPLICABLE

"A"	DENOTES EXISTING VALVE VAULTS, VALVE BOXES, CATCH BASINS AND MANHOLES TO BE CLEANED, GROUTED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
"S"	DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL)
8 FT	DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (DEPRESS AT SIDEWALK)
	DENOTES EXISTING SIDEWALK RAMP TO REMAIN



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 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

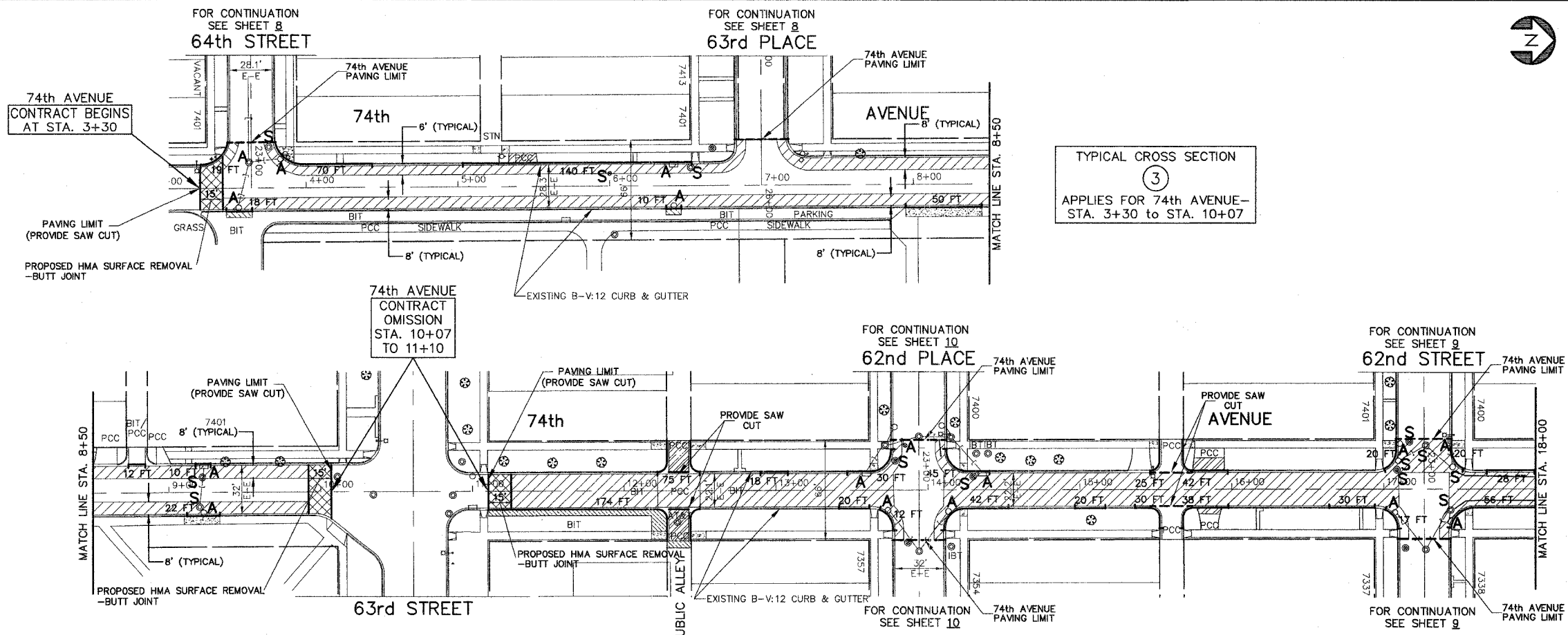
PLAN:  
 75th AVE. - 64th PL. to 60th PL.

PROJECT NO. 05442	SCALE 1"=40'	SHEET 5
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	6

CONTRACT NO. 83903

**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.



TYPICAL CROSS SECTION ①  
 APPLIES FOR 74th AVENUE- STA. 3+30 TO STA. 10+07

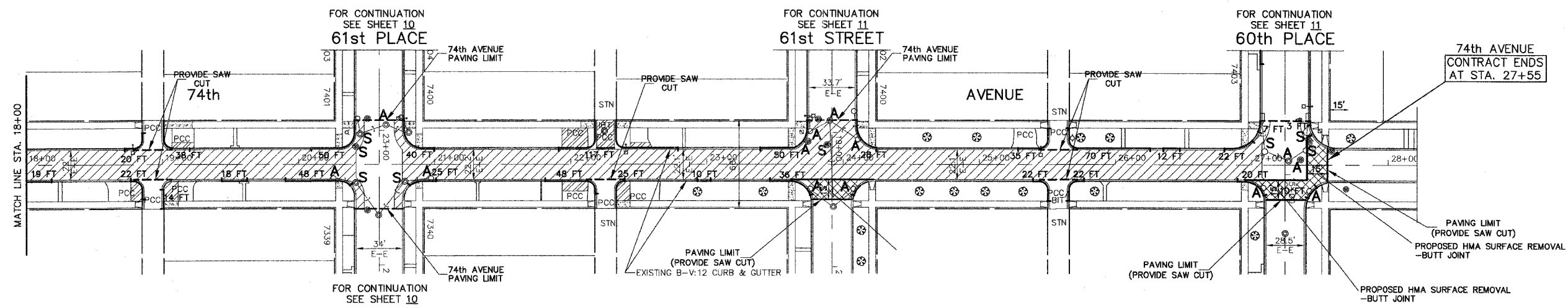
TYPICAL CROSS SECTION ②  
 APPLIES FOR 74th AVENUE- STA. 11+10 TO STA. 27+50

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK SEE SHEET 3

- NOTE: 1) ALL NEW DRAINAGE STRUCTURES SHALL BE INSTALLED WITH HALF TRAPS, WHICH SHALL BE INCLUDED IN THE DRAINAGE STRUCTURE PAY ITEM.  
 2) ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.  
 3) ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

- LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, (15' WIDTH)
  - DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
  - DENOTES CLASS D PATCHES, TYPE I-IV, 4" (FOR AGGREGATE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES CLASS D PATCHES, TYPE I-IV, 8" (FOR CONCRETE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES PAVEMENT REMOVAL AND P.C. CONCRETE PAVEMENT REPLACEMENT, 8"
  - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)
  - DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL AND SIDEWALK REMOVAL, WITH DETECTABLE WARNING STRIP WHERE APPLICABLE

- "A" DENOTES EXISTING VALVE VAULTS, VALVE BOXES, CATCH BASINS AND MANHOLES TO BE CLEANED, GROUTED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
- "S" DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL)
- DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (DEPRESS AT SIDEWALK)
- DENOTES EXISTING SIDEWALK RAMP TO REMAIN



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 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

PLAN:  
 74th AVE. - 64th PL. to 60th PL.

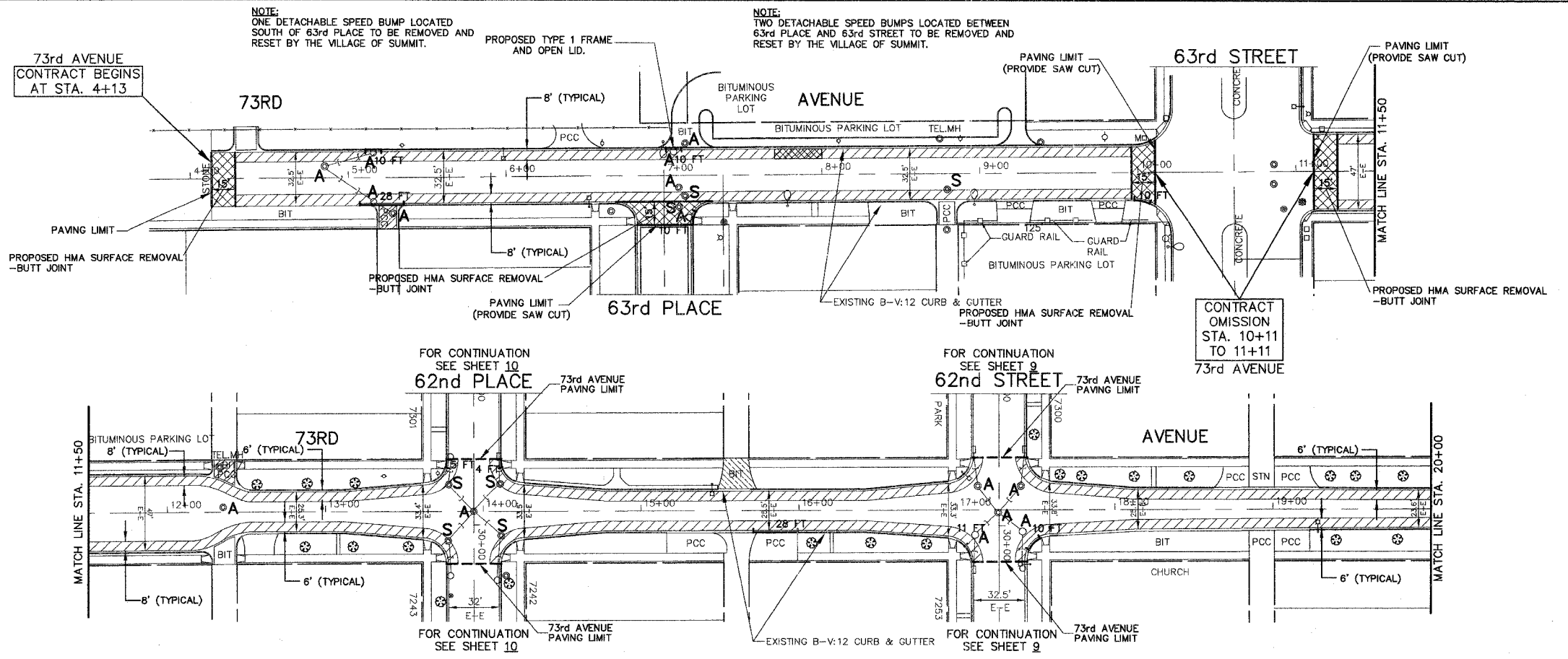
PROJECT NO. 05442	SCALE 1"=40'	SHEET 6
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	7

CONTRACT NO. 83903

**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

TYPICAL CROSS SECTION  
 (3)  
 APPLIES FOR 73rd AVENUE

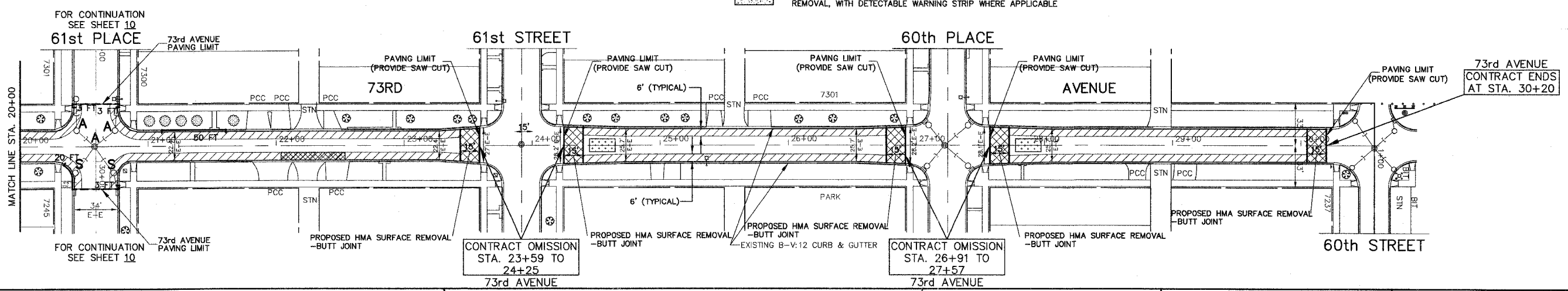


FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK SEE SHEET 3

**NOTE: 1)** ALL NEW DRAINAGE STRUCTURES SHALL BE INSTALLED WITH HALF TRAPS, WHICH SHALL BE INCLUDED IN THE DRAINAGE STRUCTURE PAY ITEM.  
**2)** ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.  
**3)** ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

- LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL—BUTT JOINT, (15' WIDTH)
  - DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
  - DENOTES CLASS D PATCHES, TYPE I-IV, 4" (FOR AGGREGATE BASE STREETS) —AS DIRECTED BY THE ENGINEER
  - DENOTES CLASS D PATCHES, TYPE I-IV, 8" (FOR CONCRETE BASE STREETS) —AS DIRECTED BY THE ENGINEER
  - DENOTES PAVEMENT REMOVAL AND P.C. CONCRETE PAVEMENT REPLACEMENT, 8"
  - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)
  - DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL AND SIDEWALK REMOVAL, WITH DETECTABLE WARNING STRIP WHERE APPLICABLE

- "A" DENOTES EXISTING VALVE VAULTS, VALVE BOXES, CATCH BASINS AND MANHOLES TO BE CLEANED, GROUTED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
- "S" DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL)
- 8 FT DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (DEPRESS AT SIDEWALK)
- DENOTES EXISTING SIDEWALK RAMP TO REMAIN



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

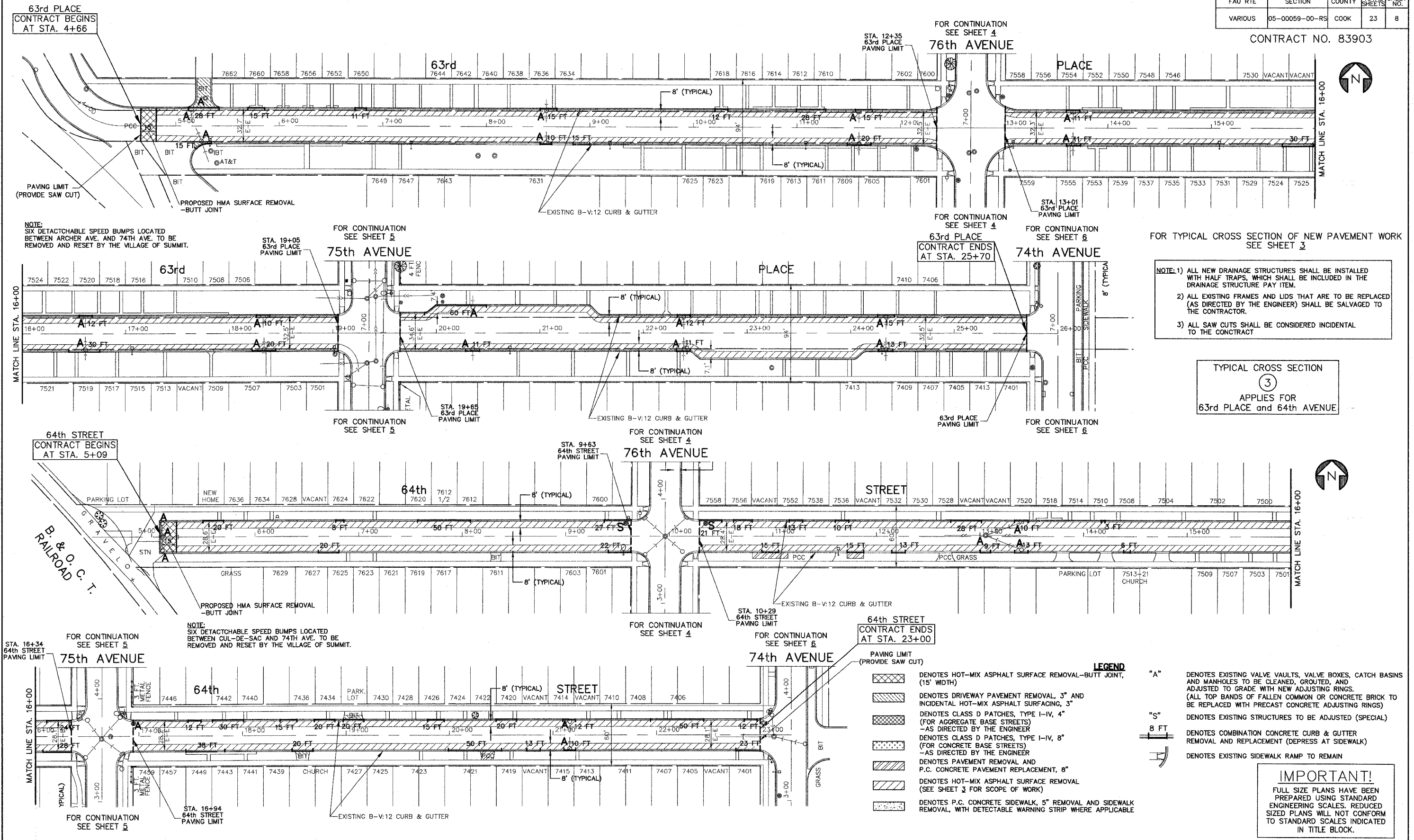
REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW

**PLAN:**  
 73rd AVE. - S. OF 63rd PL. TO 60th ST.

PROJECT NO. 05442	SCALE 1" = 40'	SHEET 7 OF 23 SHEETS
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	8

CONTRACT NO. 83903



NOTE: 1) ALL NEW DRAINAGE STRUCTURES SHALL BE INSTALLED WITH HALF TRAPS, WHICH SHALL BE INCLUDED IN THE DRAINAGE STRUCTURE PAY ITEM.  
 2) ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.  
 3) ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

TYPICAL CROSS SECTION  
 3  
 APPLIES FOR  
 63rd PLACE and 64th AVENUE

**LEGEND**

	DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, (15' WIDTH)	"A"	DENOTES EXISTING VALVE VAULTS, VALVE BOXES, CATCH BASINS AND MANHOLES TO BE CLEANED, GROUTED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
	DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"	"S"	DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL)
	DENOTES CLASS D PATCHES, TYPE I-IV, 4" (FOR AGGREGATE BASE STREETS) -AS DIRECTED BY THE ENGINEER		DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (DEPRESS AT SIDEWALK)
	DENOTES CLASS D PATCHES, TYPE I-IV, 8" (FOR CONCRETE BASE STREETS) -AS DIRECTED BY THE ENGINEER		DENOTES EXISTING SIDEWALK RAMP TO REMAIN
	DENOTES PAVEMENT REMOVAL AND P.C. CONCRETE PAVEMENT REPLACEMENT, 8"		
	DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)		
	DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL AND SIDEWALK REMOVAL, WITH DETECTABLE WARNING STRIP WHERE APPLICABLE		

**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

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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

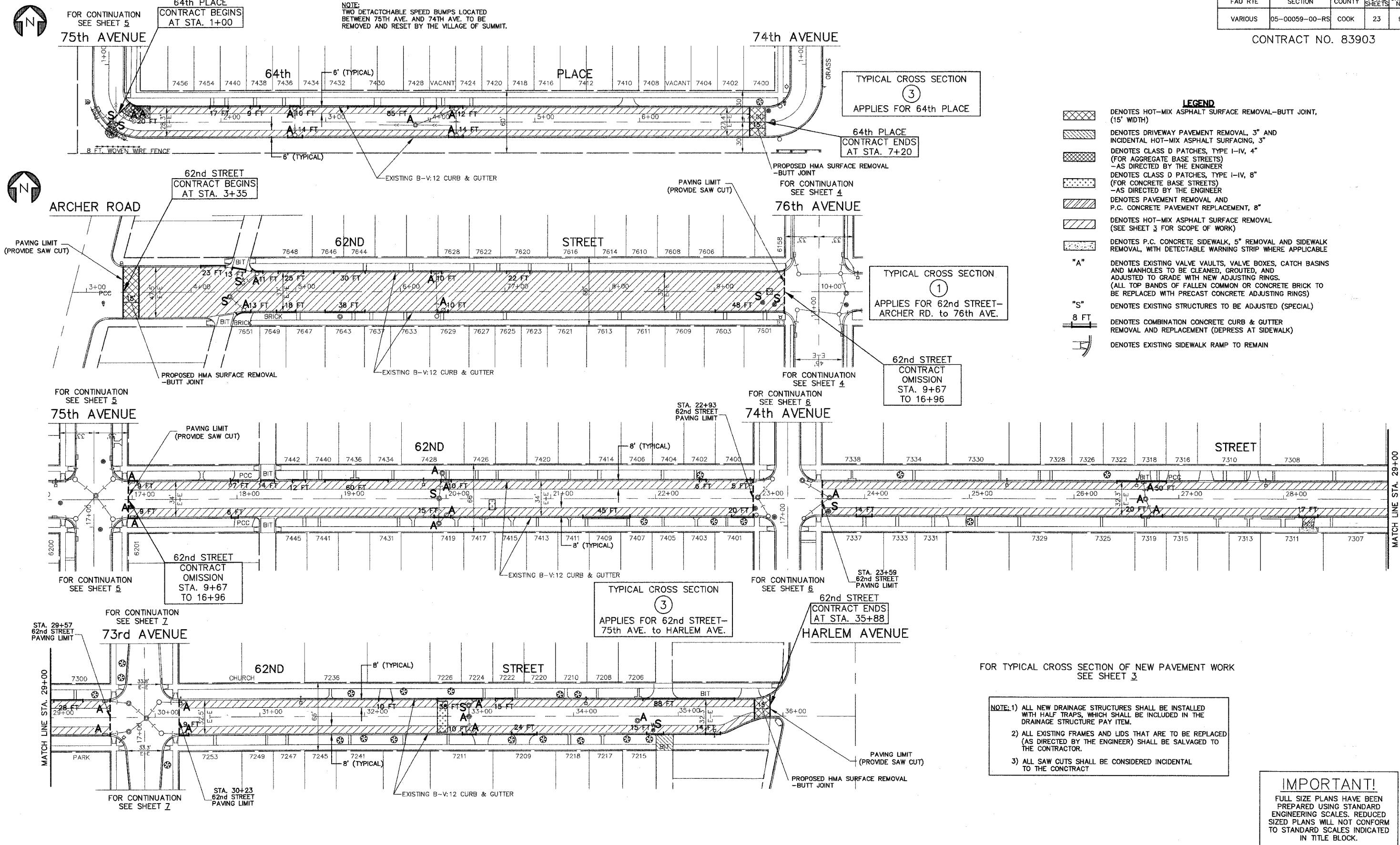
**PLAN:**  
 63rd PL. - W. OF 76th AVE. TO 74th AVE.  
 64th ST. - W. OF 76th AVE. TO 74th AVE.

PROJECT NO. 05442	SCALE 1"=40'	SHEET 8
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS



FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	9

CONTRACT NO. 83903



- LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, (15' WDT)
  - DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
  - DENOTES CLASS D PATCHES, TYPE I-IV, 4" (FOR AGGREGATE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES CLASS D PATCHES, TYPE I-IV, 8" (FOR CONCRETE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES PAVEMENT REMOVAL AND P.C. CONCRETE PAVEMENT REPLACEMENT, 8"
  - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)
  - DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL AND SIDEWALK REMOVAL, WITH DETECTABLE WARNING STRIP WHERE APPLICABLE
  - "A" DENOTES EXISTING VALVE VAULTS, VALVE BOXES, CATCH BASINS AND MANHOLES TO BE CLEANED, GROUDED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
  - "S" DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL)
  - DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (DEPRESS AT SIDEWALK)
  - DENOTES EXISTING SIDEWALK RAMP TO REMAIN

- NOTE: 1)** ALL NEW DRAINAGE STRUCTURES SHALL BE INSTALLED WITH HALF TRAPS, WHICH SHALL BE INCLUDED IN THE DRAINAGE STRUCTURE PAY ITEM.
- NOTE: 2)** ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.
- NOTE: 3)** ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

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

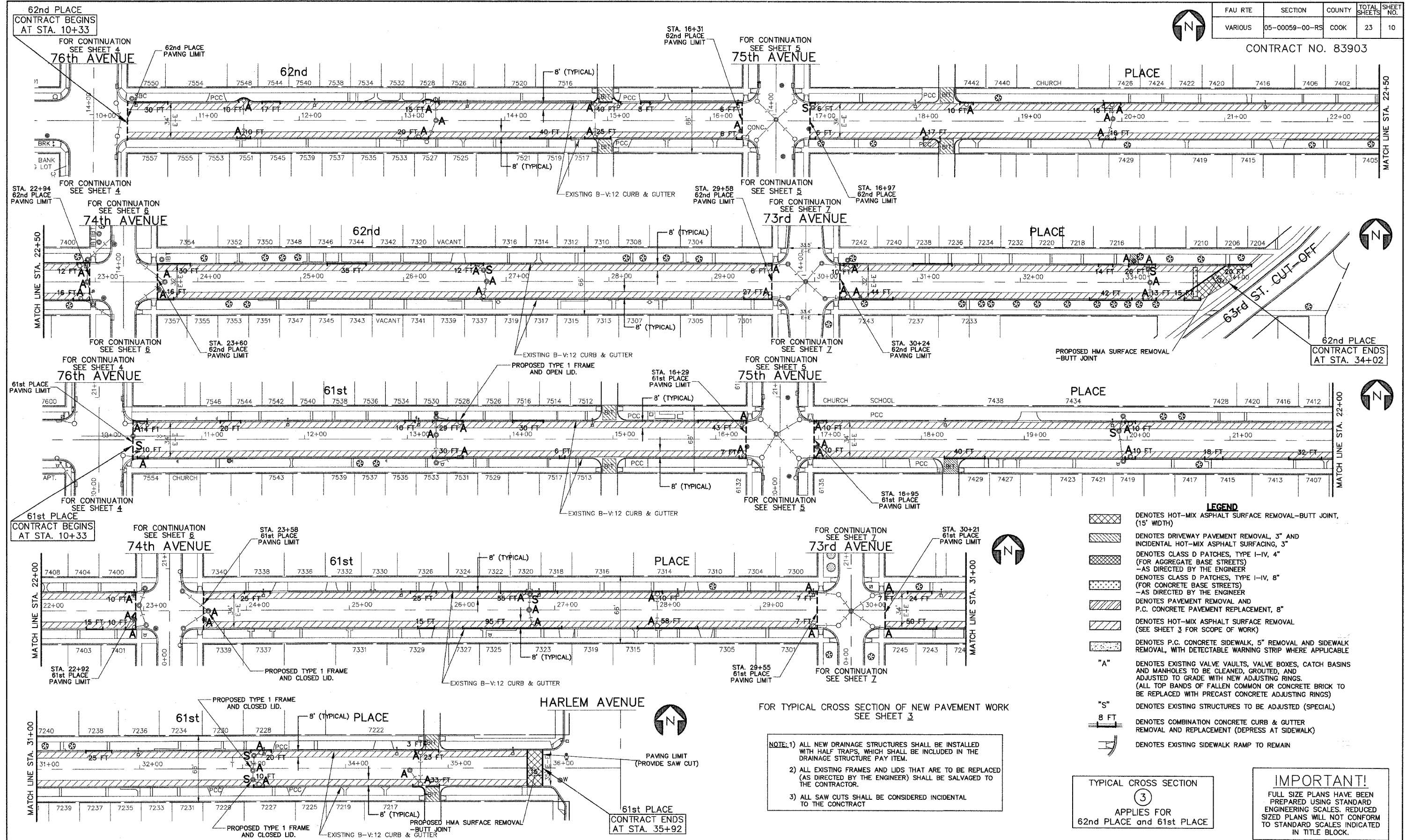
REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW

**PLAN:**  
 64th PL. - 75th AVE. to 74th AVE.  
 62nd ST. - ARCHER RD. to 76th AVE.  
 62nd ST. - 75th AVE. to HARLEM AVE.

PROJECT NO. 05442	SCALE 1"=40'	SHEET 9
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	10

CONTRACT NO. 83903



- LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, (15' WIDTH)
  - DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
  - DENOTES CLASS D PATCHES, TYPE I-IV, 4" (FOR AGGREGATE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES CLASS D PATCHES, TYPE I-IV, 8" (FOR CONCRETE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES PAVEMENT REMOVAL AND P.C. CONCRETE PAVEMENT REPLACEMENT, 8"
  - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)
  - DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL AND SIDEWALK REMOVAL, WITH DETECTABLE WARNING STRIP WHERE APPLICABLE
  - "A" DENOTES EXISTING VALVE VAULTS, VALVE BOXES, CATCH BASINS AND MANHOLES TO BE CLEANED, GROUTED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
  - "S" DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL)
  - DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (DEPRESS AT SIDEWALK)
  - DENOTES EXISTING SIDEWALK RAMP TO REMAIN

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK SEE SHEET 3

- NOTE:**
- 1) ALL NEW DRAINAGE STRUCTURES SHALL BE INSTALLED WITH HALF TRAPS, WHICH SHALL BE INCLUDED IN THE DRAINAGE STRUCTURE PAY ITEM.
  - 2) ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.
  - 3) ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

TYPICAL CROSS SECTION  
 3  
 APPLIES FOR  
 62nd PLACE and 61st PLACE

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

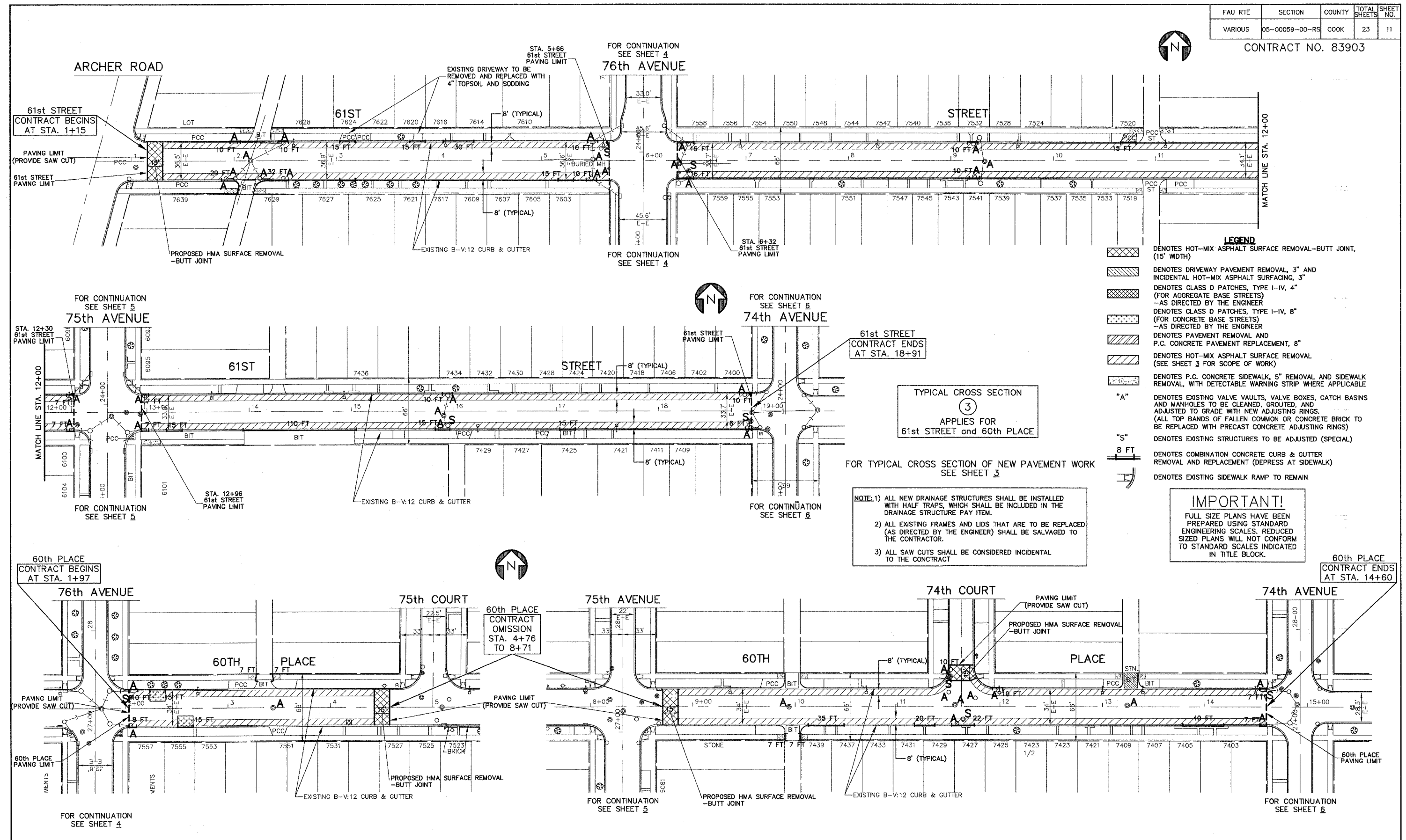
REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	J.C.	1/3/07	I.D.O.T. REVIEW

**PLAN:**  
 62nd PL. - 76th AVE. to 63rd ST. CUT-OFF  
 61st PL. - 76th AVE. to HARLEM AVE.

PROJECT NO. 05442	SCALE 1"=40'	SHEET 10
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	11

CONTRACT NO. 83903



- LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, (15' WIDTH)
  - DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
  - DENOTES CLASS D PATCHES, TYPE I-IV, 4" (FOR AGGREGATE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES CLASS D PATCHES, TYPE I-IV, 8" (FOR CONCRETE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES PAVEMENT REMOVAL AND P.C. CONCRETE PAVEMENT REPLACEMENT, 8"
  - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)
  - DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL AND SIDEWALK REMOVAL, WITH DETECTABLE WARNING STRIP WHERE APPLICABLE
  - "A" DENOTES EXISTING VALVE VAULTS, VALVE BOXES, CATCH BASINS AND MANHOLES TO BE CLEANED, GROUTED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
  - "S" DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL)
  - DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (DEPRESS AT SIDEWALK)
  - DENOTES EXISTING SIDEWALK RAMP TO REMAIN

TYPICAL CROSS SECTION  
 (3)  
 APPLIES FOR  
 61st STREET and 60th PLACE

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK  
 SEE SHEET 3

- NOTE:**
- 1) ALL NEW DRAINAGE STRUCTURES SHALL BE INSTALLED WITH HALF TRAPS, WHICH SHALL BE INCLUDED IN THE DRAINAGE STRUCTURE PAY ITEM.
  - 2) ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.
  - 3) ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

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

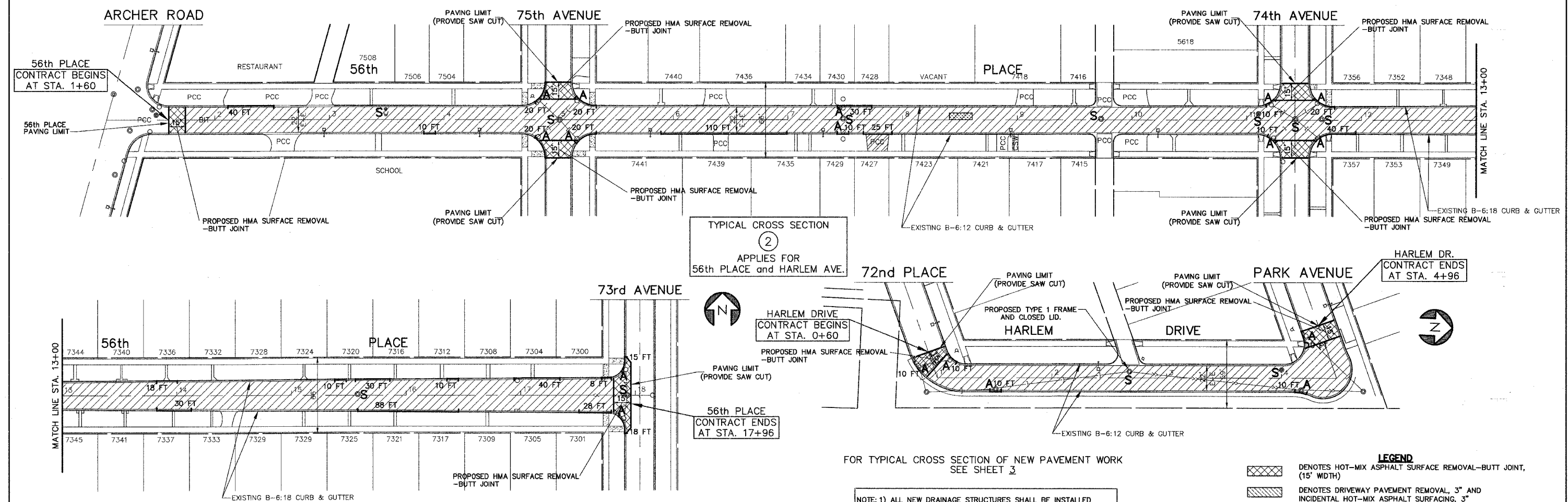
REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW

**PLAN:**  
 61st ST. - ARCHER RD. to 74th AVE.  
 60th PL. - 76th AVE. to 74th AVE.

PROJECT NO. 05442	SCALE 1"=40'	SHEET 11
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	12

CONTRACT NO. 83903



TYPICAL CROSS SECTION  
 (2)  
 APPLIES FOR  
 56th PLACE and HARLEM AVE.



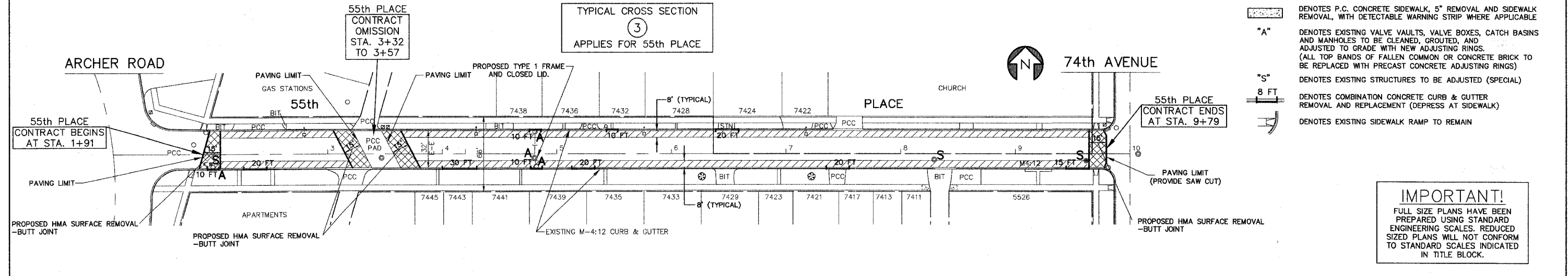
HARLEM DRIVE  
 CONTRACT BEGINS  
 AT STA. 0+60

56th PLACE  
 CONTRACT ENDS  
 AT STA. 17+96

FOR TYPICAL CROSS SECTION OF NEW PAVEMENT WORK  
 SEE SHEET 3

NOTE: 1) ALL NEW DRAINAGE STRUCTURES SHALL BE INSTALLED WITH HALF TRAPS, WHICH SHALL BE INCLUDED IN THE DRAINAGE STRUCTURE PAY ITEM.  
 2) ALL EXISTING FRAMES AND LIDS THAT ARE TO BE REPLACED (AS DIRECTED BY THE ENGINEER) SHALL BE SALVAGED TO THE CONTRACTOR.  
 3) ALL SAW CUTS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT

- LEGEND**
- DENOTES HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT, (15' WIDTH)
  - DENOTES DRIVEWAY PAVEMENT REMOVAL, 3" AND INCIDENTAL HOT-MIX ASPHALT SURFACING, 3"
  - DENOTES CLASS D PATCHES, TYPE I-IV, 4" (FOR AGGREGATE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES CLASS D PATCHES, TYPE I-IV, 8" (FOR CONCRETE BASE STREETS) -AS DIRECTED BY THE ENGINEER
  - DENOTES PAVEMENT REMOVAL AND P.C. CONCRETE PAVEMENT REPLACEMENT, 8"
  - DENOTES HOT-MIX ASPHALT SURFACE REMOVAL (SEE SHEET 3 FOR SCOPE OF WORK)
  - DENOTES P.C. CONCRETE SIDEWALK, 5" REMOVAL AND SIDEWALK REMOVAL, WITH DETECTABLE WARNING STRIP WHERE APPLICABLE
  - "A" DENOTES EXISTING VALVE VAULTS, VALVE BOXES, CATCH BASINS AND MANHOLES TO BE CLEANED, GROUTED, AND ADJUSTED TO GRADE WITH NEW ADJUSTING RINGS. (ALL TOP BANDS OF FALLEN COMMON OR CONCRETE BRICK TO BE REPLACED WITH PRECAST CONCRETE ADJUSTING RINGS)
  - "S" DENOTES EXISTING STRUCTURES TO BE ADJUSTED (SPECIAL)
  - DENOTES COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (DEPRESS AT SIDEWALK)
  - DENOTES EXISTING SIDEWALK RAMP TO REMAIN



TYPICAL CROSS SECTION  
 (3)  
 APPLIES FOR 55th PLACE



55th PLACE  
 CONTRACT ENDS  
 AT STA. 9+79

**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

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

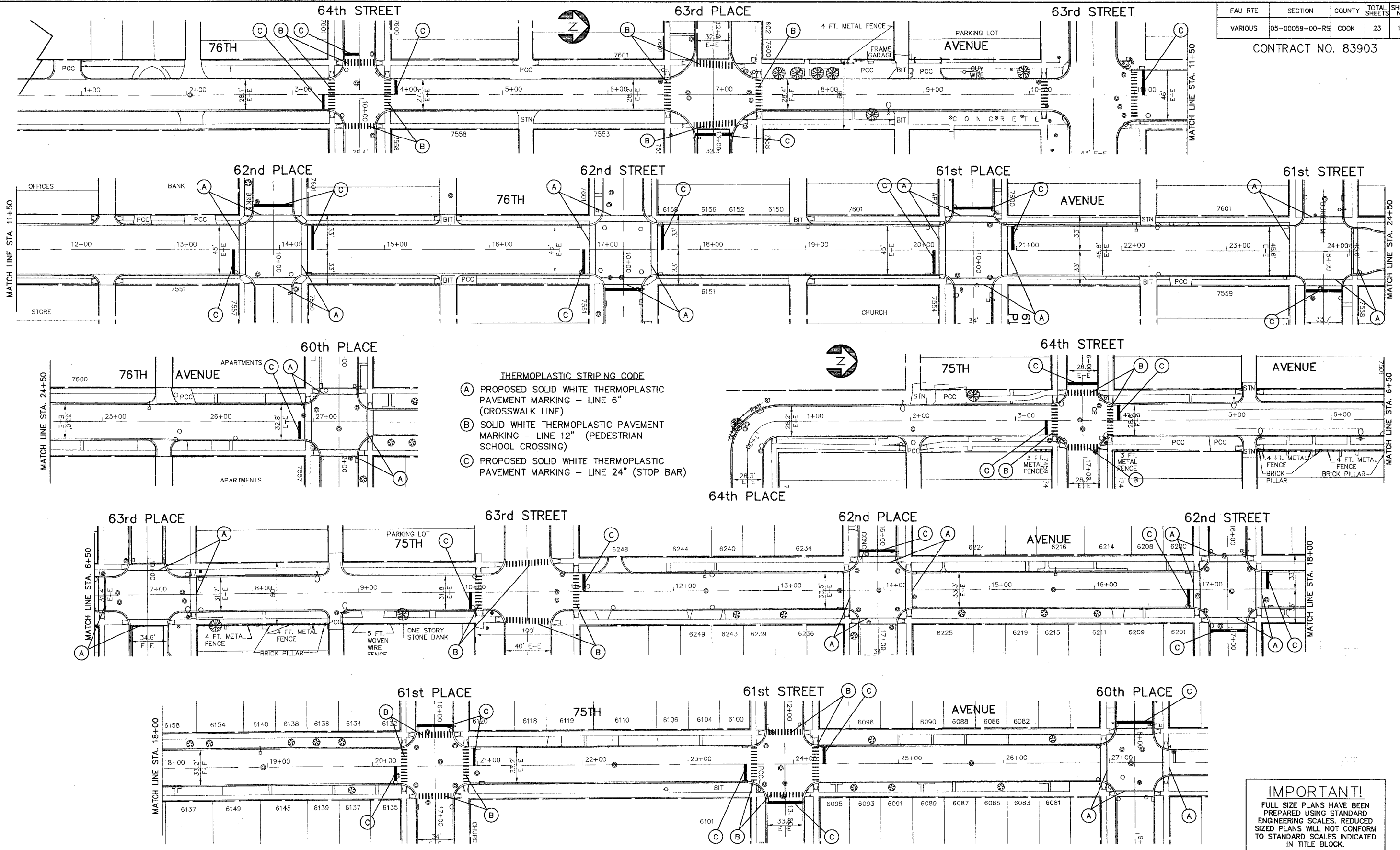
REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW

**PLAN:**  
 56th PL. - ARCHER RD. to 73rd AVE.  
 HARLEM DR. - 72nd PL. TO PARK AVE.  
 55th PL. - ARCHER RD. to 74th AVE.

PROJECT NO. 05442	SCALE 1"=40'	SHEET 12 OF 23 SHEETS
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	
CHECKED/APPROVED JLC	FIELD BOOK NO.	
	FILE	

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	13

CONTRACT NO. 83903



- THERMOPLASTIC STRIPING CODE**
- (A) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (CROSSWALK LINE)
  - (B) SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 12" (PEDESTRIAN SCHOOL CROSSING)
  - (C) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR)

**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

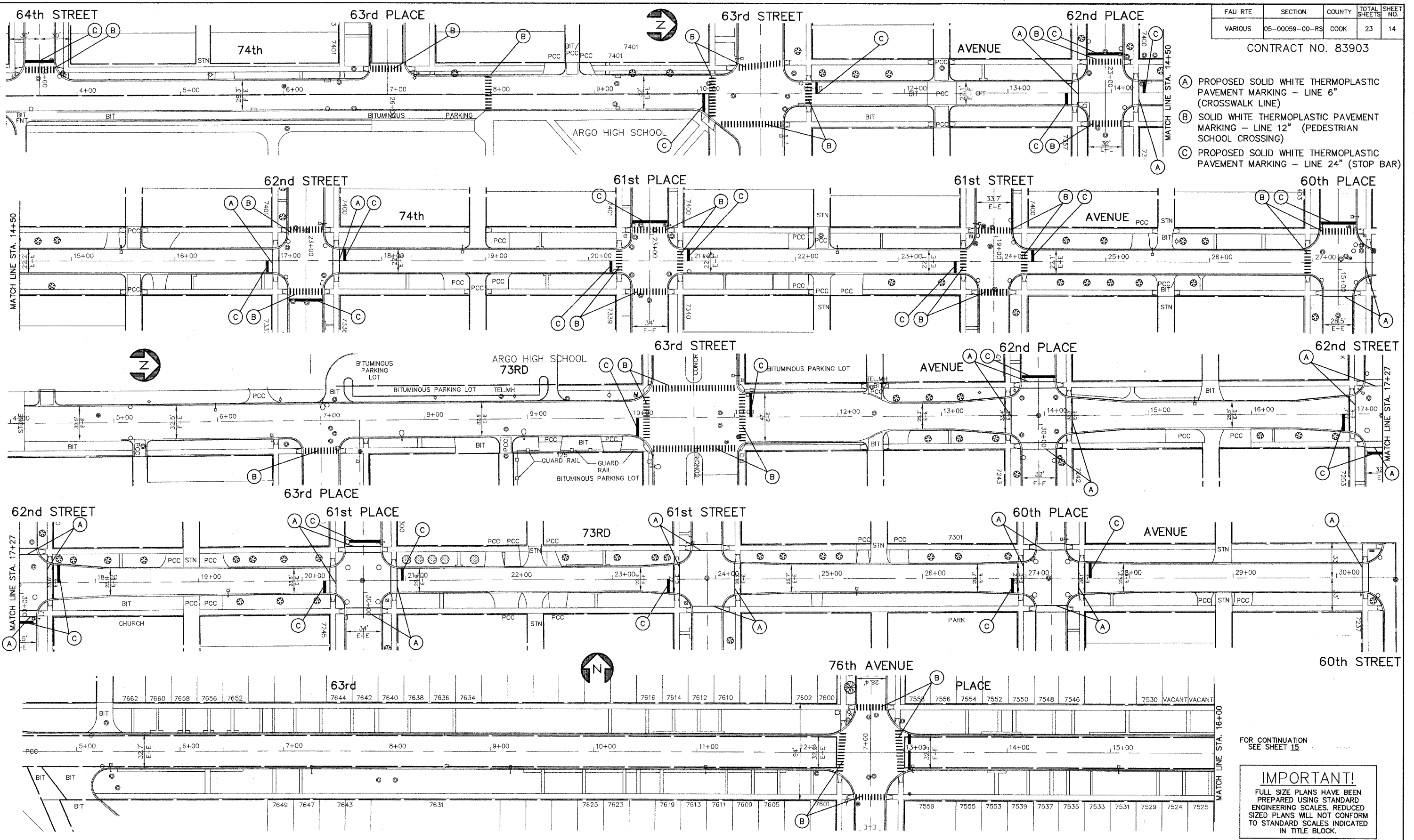
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PROJECT  
**VILLAGE OF SUMMIT, ILLINOIS**  
**STREET RESURFACING**  
 MFT SECTION NO. 05-00059-00-RS

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

PLAN:  
 76th AVE. - S. OF 64th ST. TO 60th PL.  
 75th AVE. - 64th PL. TO 60th PL.

PROJECT NO. 05442	SCALE 1"=40'	SHEET 13
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS



FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	14

CONTRACT NO. 83903

- (A) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (CROSSWALK LINE)
- (B) SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 12" (PEDESTRIAN SCHOOL CROSSING)
- (C) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR)

FOR CONTINUATION SEE SHEET 15

**IMPORTANT!**  
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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

PLAN:  
 74th AVE. - 64th ST. TO 60th PL.  
 73rd AVE. - S. OF 63rd PL. TO 60th ST.  
 63rd PL. - ARCHER AVE. TO STA. 16+00

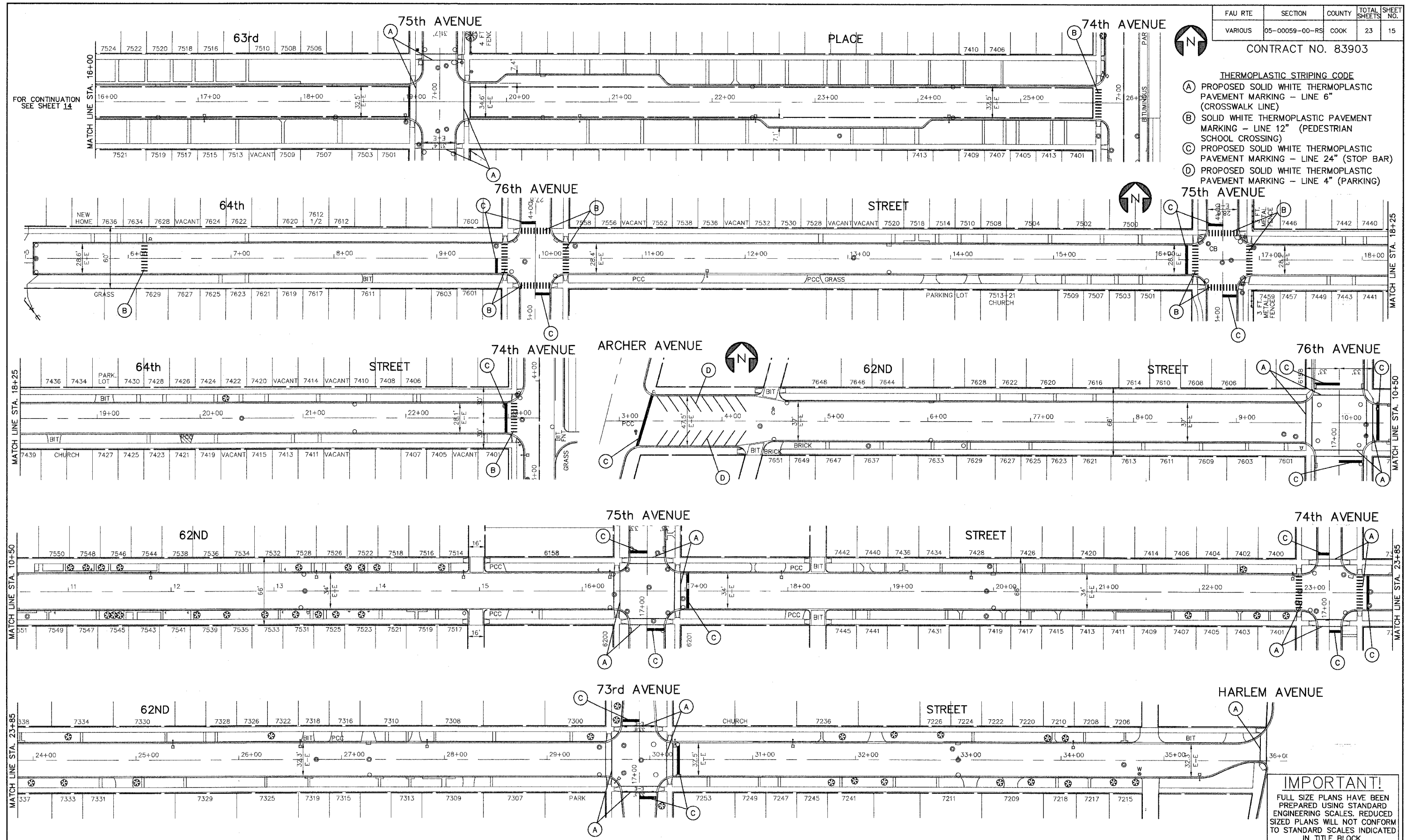
PROJECT NO. 05442	SCALE 1" = 40'	SHEET 14
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	15

CONTRACT NO. 83903



- THERMOPLASTIC STRIPING CODE**
- (A) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (CROSSWALK LINE)
  - (B) SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 12" (PEDESTRIAN SCHOOL CROSSING)
  - (C) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR)
  - (D) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 4" (PARKING)



**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

**Frank Novotny & Associates, Inc.**  
 826 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-0132  
 Illinois Professional Design Firm No. 184-000928

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

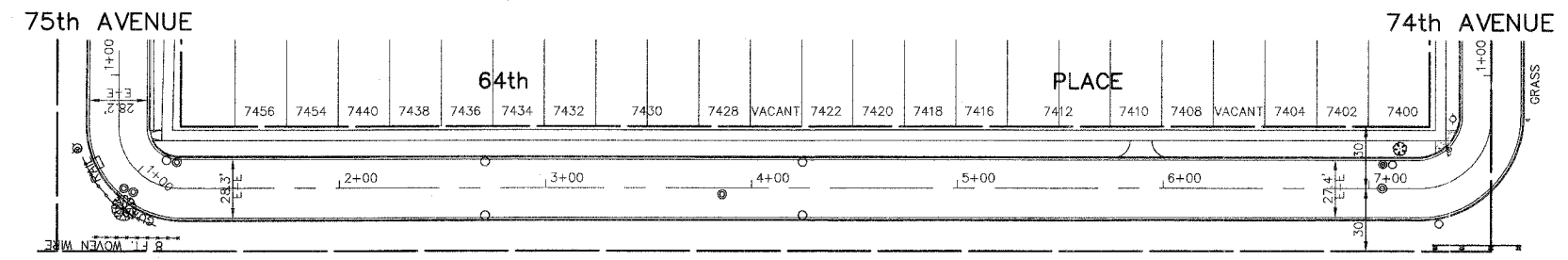
REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW

PLAN:  
 63rd PL. - STA. 17+00 TO 74TH AVE.  
 64th ST. - W. OF 76TH AVE. TO 74TH AVE.  
 62nd ST. - ARCHER AVE. TO HARLEM AVE.

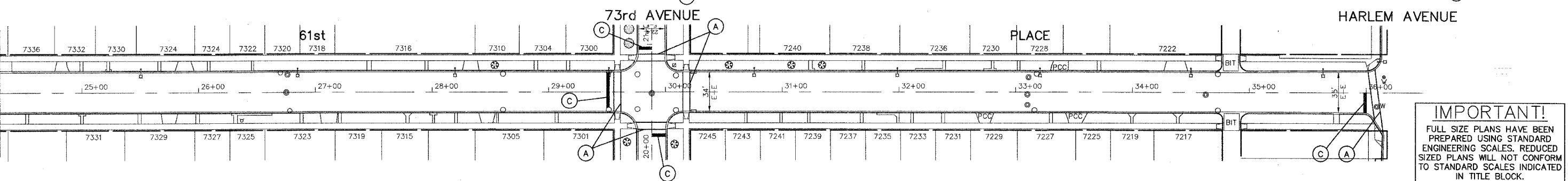
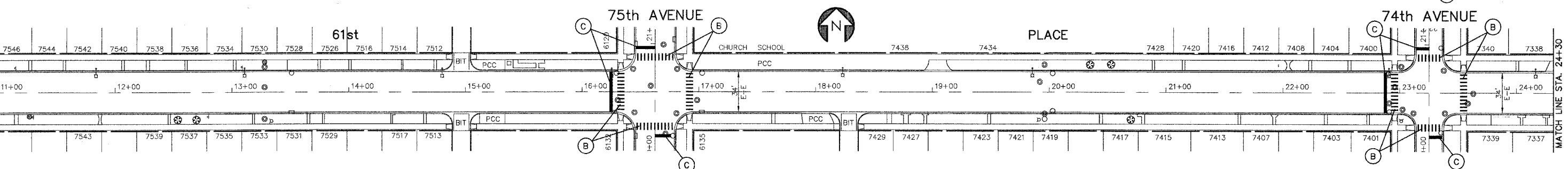
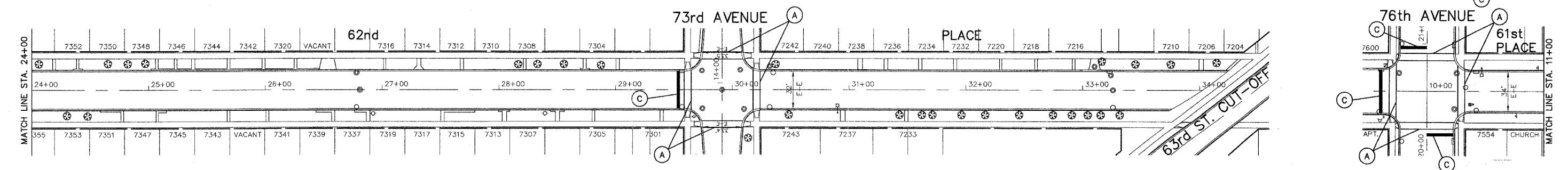
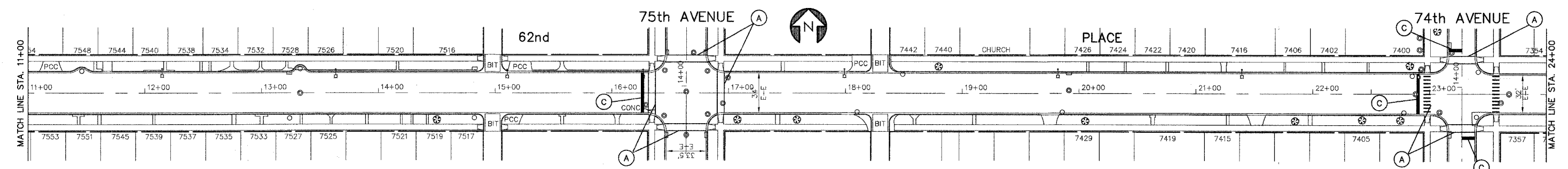
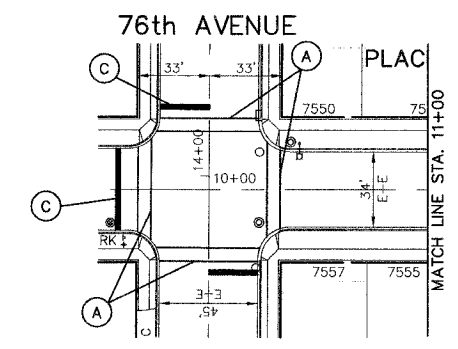
PROJECT NO. 05442	SCALE 1" = 40'	SHEET 15
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	16

CONTRACT NO. 83903



- THERMOPLASTIC STRIPING CODE**
- (A) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (CROSSWALK LINE)
  - (B) SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 12" (PEDESTRIAN SCHOOL CROSSING)
  - (C) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR)



**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

**Frank Novotny & Associates, Inc.**  
 Civil Engineers/Municipal Consultants  
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 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

**PLAN:**  
 64th PL. - 75th AVE. to 74th AVE.  
 62nd PL. - STA. 13+00 to 63rd ST. CUT-OFF  
 61st PL. - 76th AVE. to HARLEM AVE.

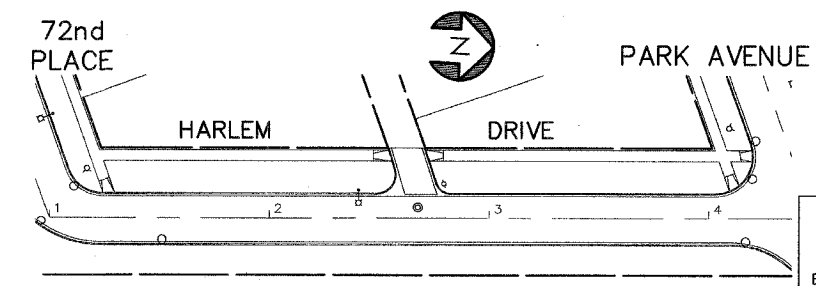
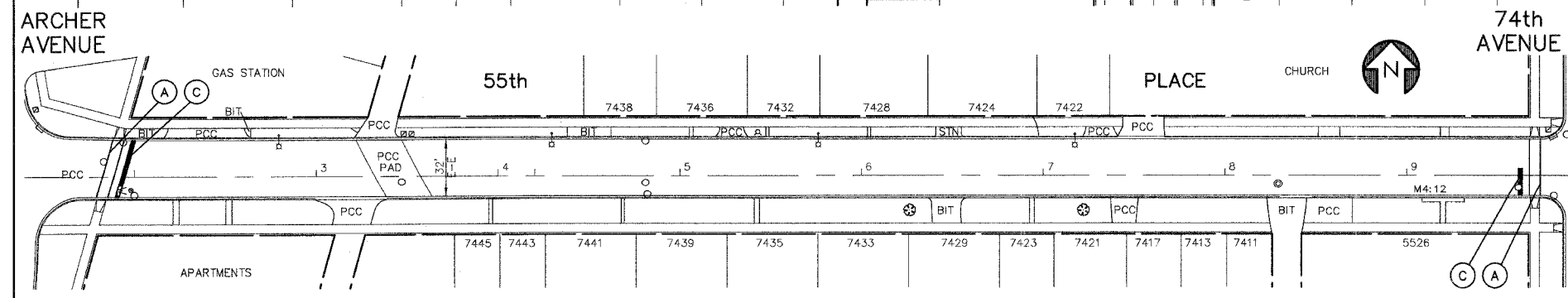
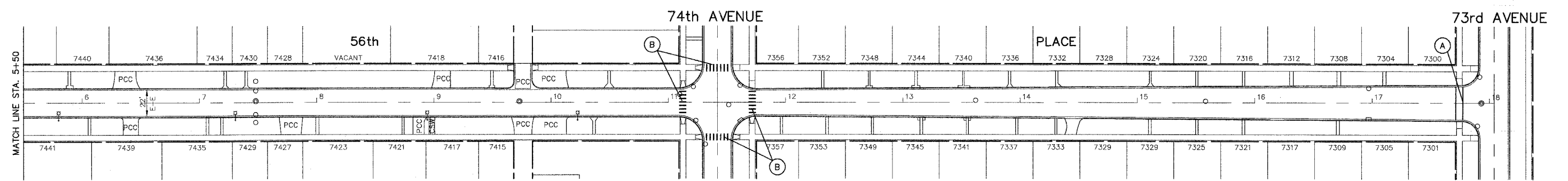
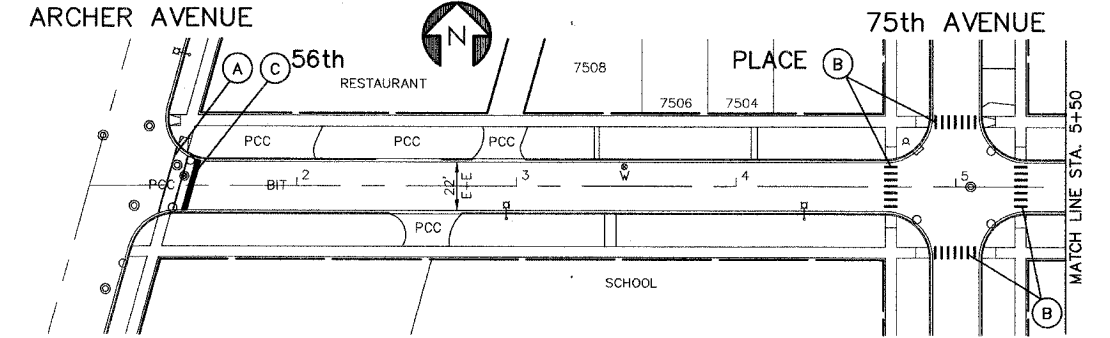
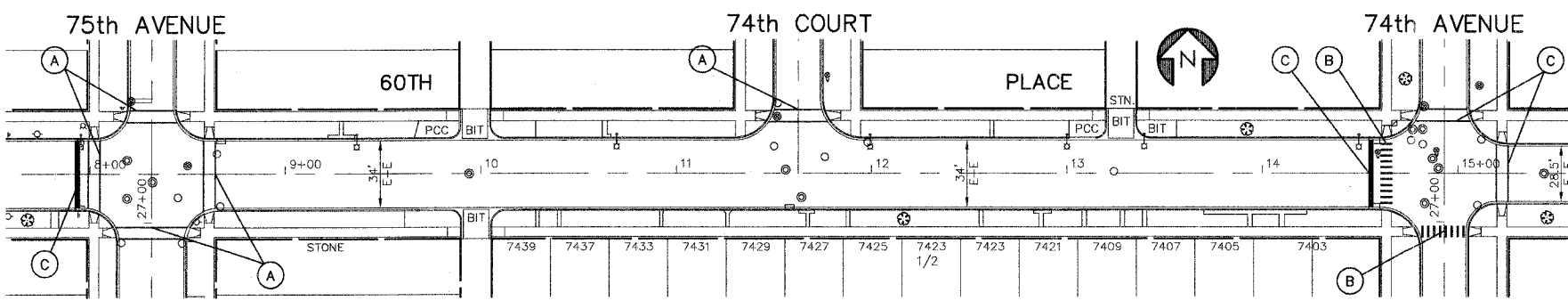
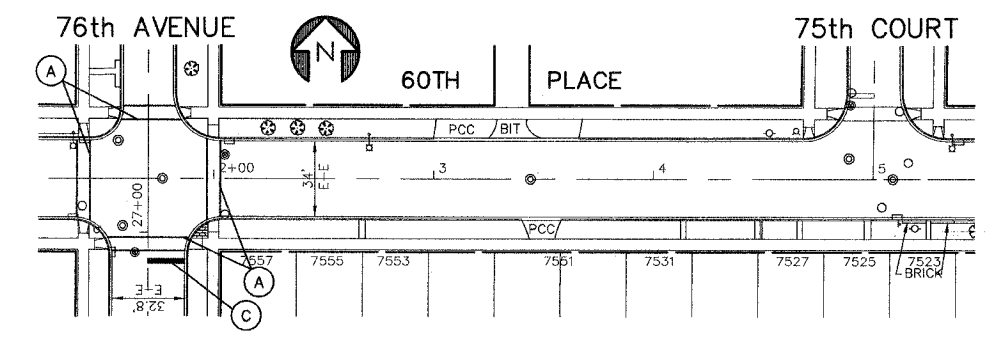
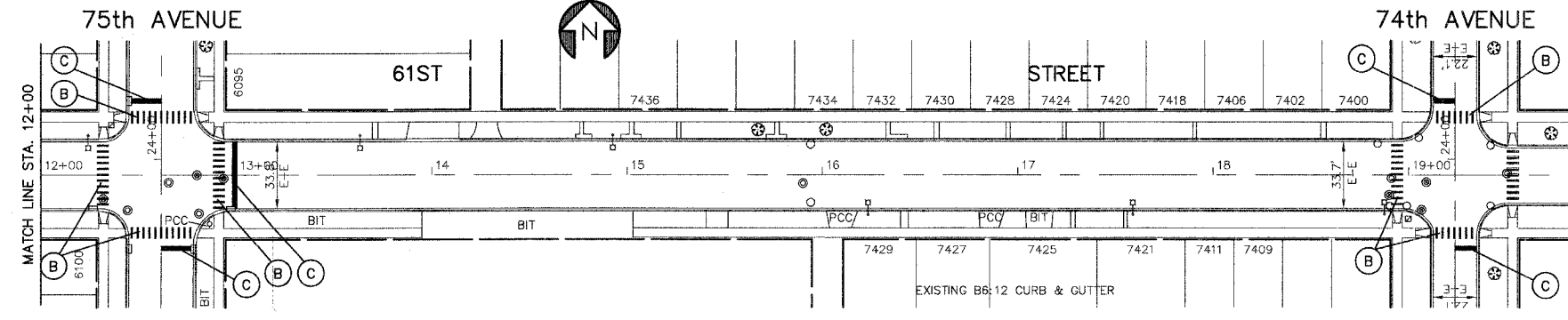
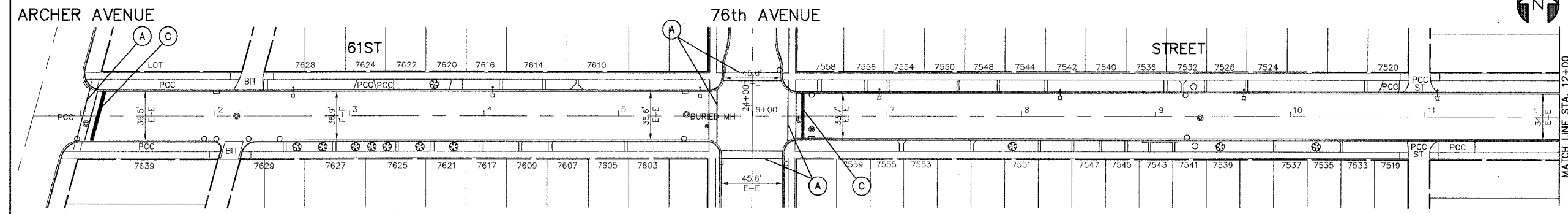
PROJECT NO. 05442	SCALE 1" = 40'	SHEET 16
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS



FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	17

CONTRACT NO. 83903

- THERMOPLASTIC STRIPING CODE**
- (A) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 6" (CROSSWALK LINE)
  - (B) SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 12" (PEDESTRIAN SCHOOL CROSSING)
  - (C) PROPOSED SOLID WHITE THERMOPLASTIC PAVEMENT MARKING - LINE 24" (STOP BAR)



**IMPORTANT!**  
 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

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 Illinois Professional Design Firm No. 184-000928

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

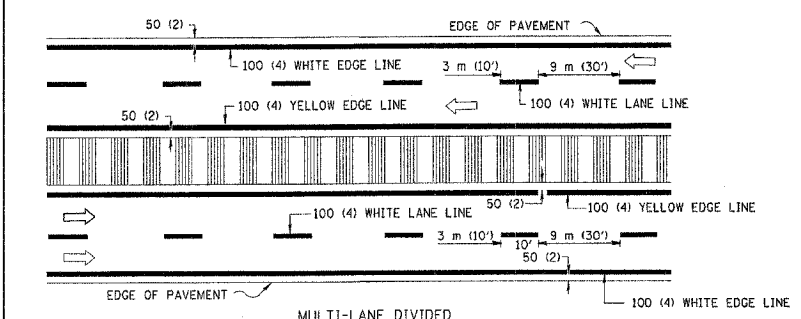
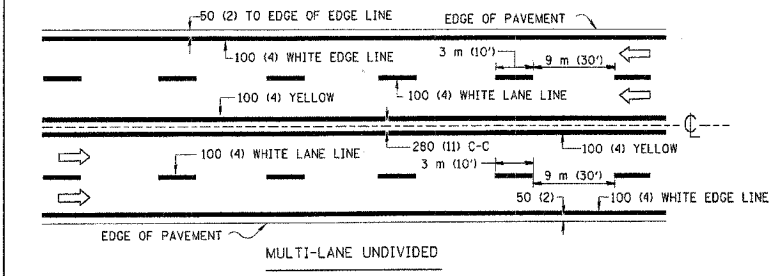
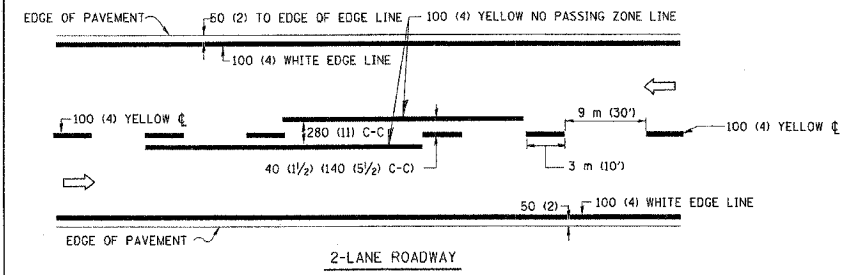
REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW

PLAN:  
 56th PL - ARCHER AVE. TO 73RD AVE.  
 HARLEM DR. - 72ND PL. TO PARK AVE.  
 55th PL - ARCHER AVE. TO 74TH AVE.

PROJECT NO. 05442	SCALE 1"=40'	SHEET 17
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO.	23 SHEETS
	FILE	

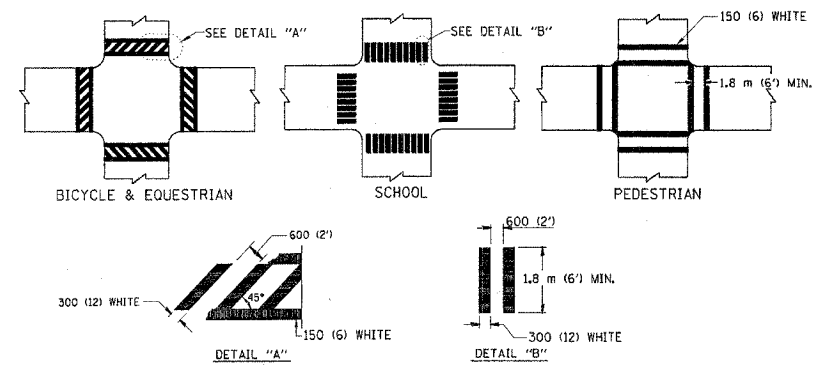
FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	18

CONTRACT NO. 83903

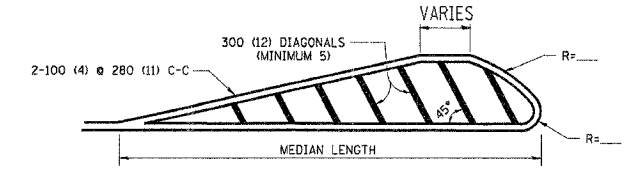
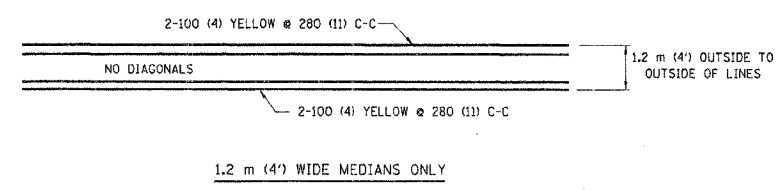


NOTE: MEDIANS WITH BARRIER CURBS DO NOT REQUIRE AN EDGE LINE

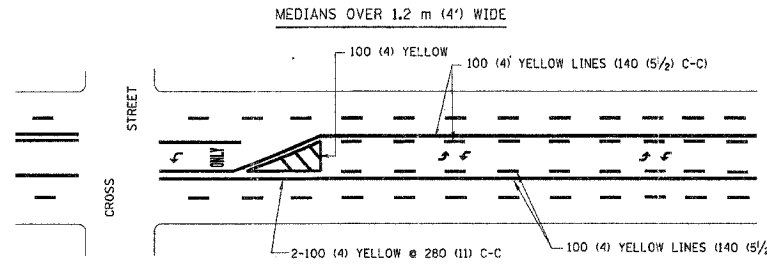
TYPICAL LANE AND EDGE LINE MARKING



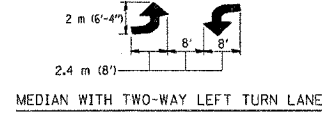
TYPICAL CROSSWALK MARKING



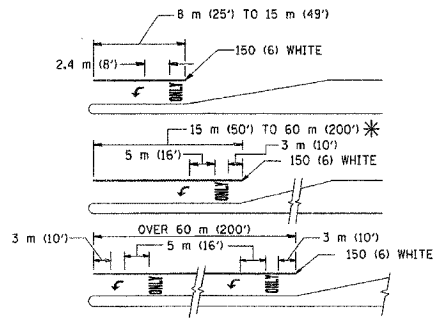
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
 DIAGONAL LINE SPACING: 15 m (50') C-C (LESS THAN 50 km/h (30 MPH))  
 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH))  
 45 m (150') C-C (MORE THAN 70 km/h (45 MPH))



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 50 m (200') TO 90 m (300') INTERVALS.



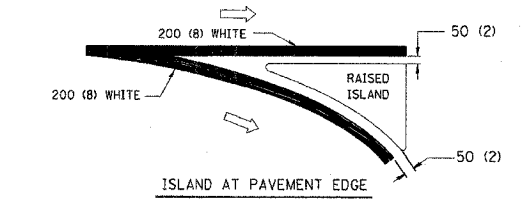
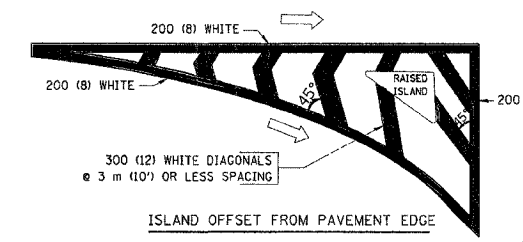
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.  
 \* AREA = 1.5 m<sup>2</sup> (15.6 SQ. FT.) ONLY AREA = 1.9 m<sup>2</sup> (20.8 SQ. FT.)  
 \* TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	100 (4) 2 @ 100 (4)	SOLID SOLID	YELLOW YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE 280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4) 125 (5)	SKIP-DASH SKIP-DASH	WHITE WHITE	3 m (10') LINE WITH 9 m (30') SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	600 (2') LINE WITH 1.8 m (6') SPACE
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION 2.4 m (8') LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 150 (6) 300 (12) @ 45° 300 (12) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 1.8 m (6') APART 600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT; OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45° NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" IS 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m <sup>2</sup> (3.6 SQ. FT.) EACH "X"=5.0 m <sup>2</sup> (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 1997 AND STATE STANDARD 780001.

	LARGE SIZE	SMALL SIZE
THROUGH ARROW	1.07 (11.5)	0.60 (6.5)
LEFT OF RIGHT ARROW	1.47 (15.6)	0.60 (6.5)
COMBINATION LEFT (RIGHT) AND THROUGH ARROW	2.42 (26.0)	1.37 (14.7)
RAILROAD "R" 1.8m (6ft.)	0.33 (3.6)	--
RAILROAD "X" 8.1m (26ft.)	5.02(54.0)	--
HANDICAPPED SYMBOL	0.43 (4.6)	--

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

SCALE: NONE  
DATE: 2/2/01

DRAWN BY: CADD  
CHECKED BY:

TC-13

F:\1 Feb 2 11:09:40 2001  
 \\villagedd1\projects\diststd\vtcl3.dgn LV:35  
 VI-TC13

**Frank Novotny & Associates, Inc.**  
 Civil Engineers/Municipal Consultants  
 825 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-0132  
 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

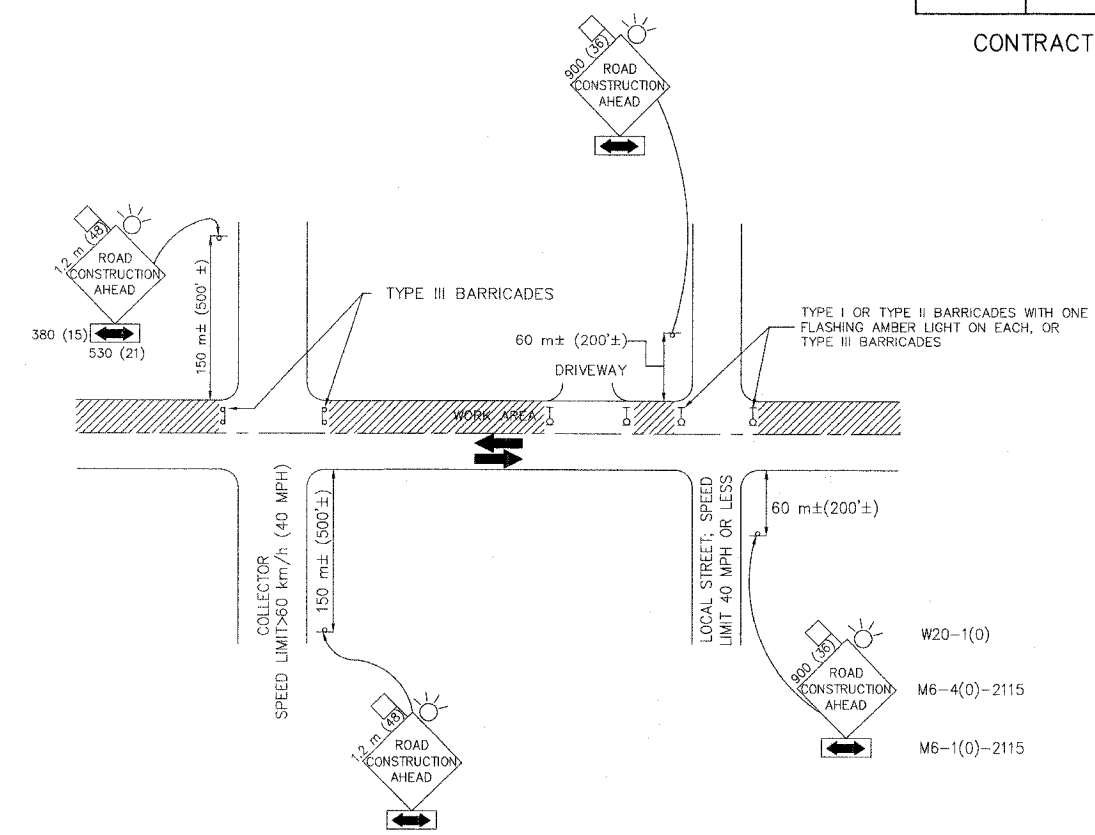
PAVEMENT MARKING STANDARDS

PROJECT NO. 05442  
 SCALE: NONE  
 DRAWN/DESIGNED: JFP/JLC  
 DATE: OCT., 2006  
 CHECKED/APPROVED: JLC  
 FIELD BOOK NO. FILE

SHEET 18 OF 23 SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	19

CONTRACT NO. 83903



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - ONE **ROAD CONSTRUCTION AHEAD** SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.
    - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - ONE **ROAD CONSTRUCTION AHEAD** SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
    - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE. A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, & DRIVEWAYS

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96

SCALE: NONE DRAWN BY CADD  
DATE 08/19/99 CHECKED BY

**Frank Novotny & Associates, Inc.**  
Civil Engineers/ Municipal Consultants  
825 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-0132  
Illinois Professional Design Firm No. 184-000928

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

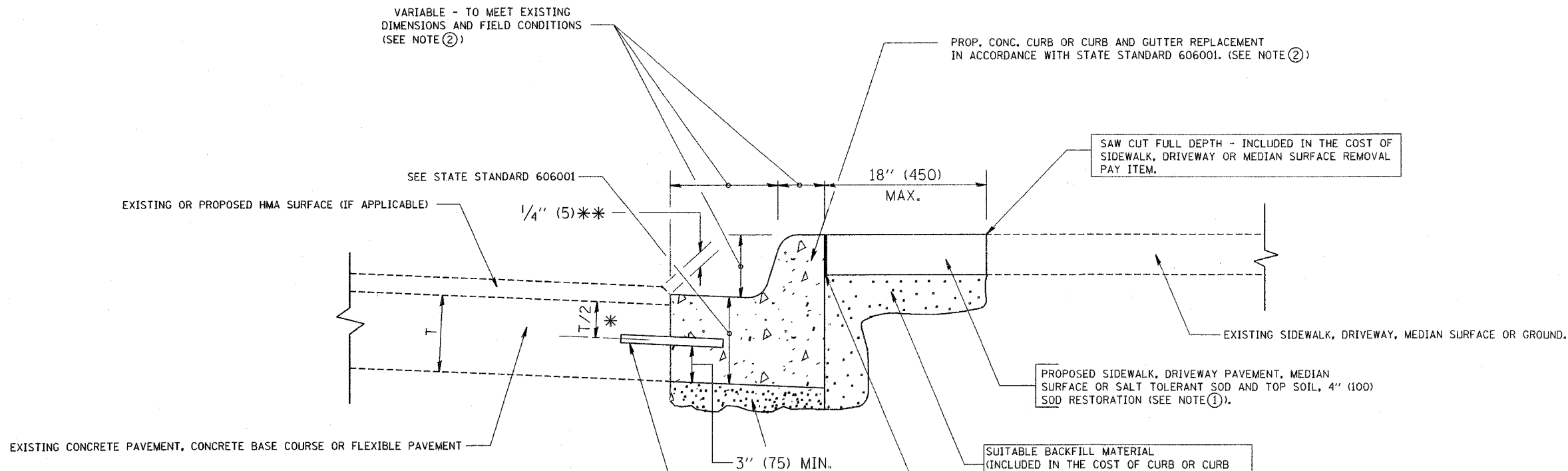
REVISIONS			
NO.	BY	DATE	DESCRIPTION

TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, & DRIVEWAYS

PROJECT NO. 05442	SCALE NONE	SHEET 19
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	20

CONTRACT NO. 83903



- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \* \* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

**BASIS OF PAYMENT:**

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS	
NO.	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: VERT. NONE  
HORIZ. 1"=20'

DRAWN BY  
CHECKED BY

BD600-06 (BD-24)

REVISION DATE: 01/01/07

## CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

**Frank Novotny & Associates, Inc.**  
Civil Engineers/Municipal Consultants  
825 Midway Drive ♦ Willowbrook, IL ♦ 60527 ♦ Telephone: (630) 887-8640 ♦ Fax: (630) 887-0132  
Illinois Professional Design Firm No. 184-000928

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

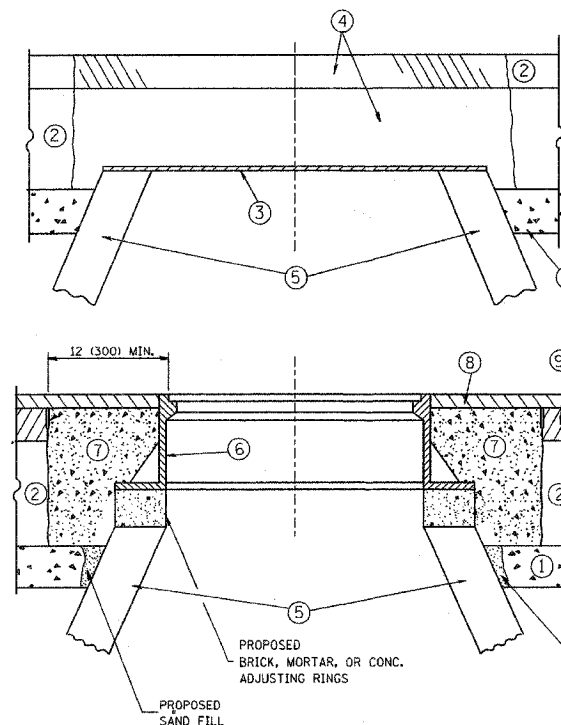
REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW

CURB OR CURB AND GUTTER  
REMOVAL & REPLACEMENT

PROJECT NO. 05442	SCALE NONE	SHEET 20
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	21

CONTRACT NO. 83903



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS SI CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:** THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL". NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
R. SHAH	10/25/94	<b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b>
R. SHAH	01/30/95	
R. SHAH	03/10/95	
A. ABBAS	03/21/97	
R. WIEDEMAN	05/14/04	
R. BORO	01/01/07	

SCALE: VERT. NONE  
HORIZ. NONE  
PLOT DATE: 10/31/2006

DRAWN BY  
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BD600-03 (BD-8)  
REVISION DATE: 01/01/07

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

**DETAILS FOR FRAMES & LIDS ADJUSTMENT WITH MILLING**

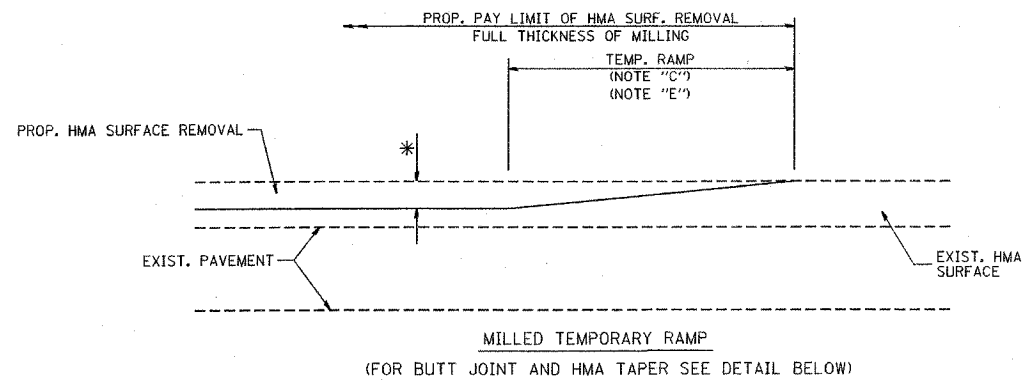
PROJECT NO. 05442	SCALE NONE	SHEET 21 OF 23 SHEETS
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	

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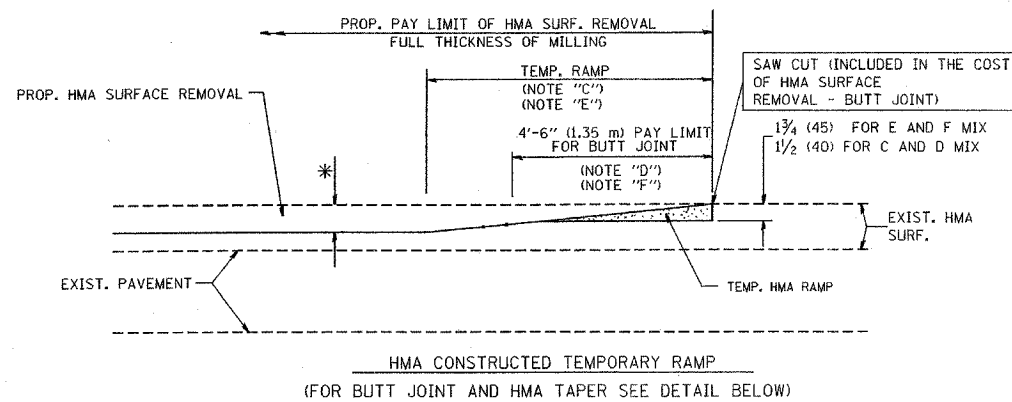
PROJECT  
**VILLAGE OF SUMMIT, ILLINOIS  
STREET RESURFACING**  
MFT SECTION NO. 05-00059-00-RS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	22

CONTRACT NO. 83903

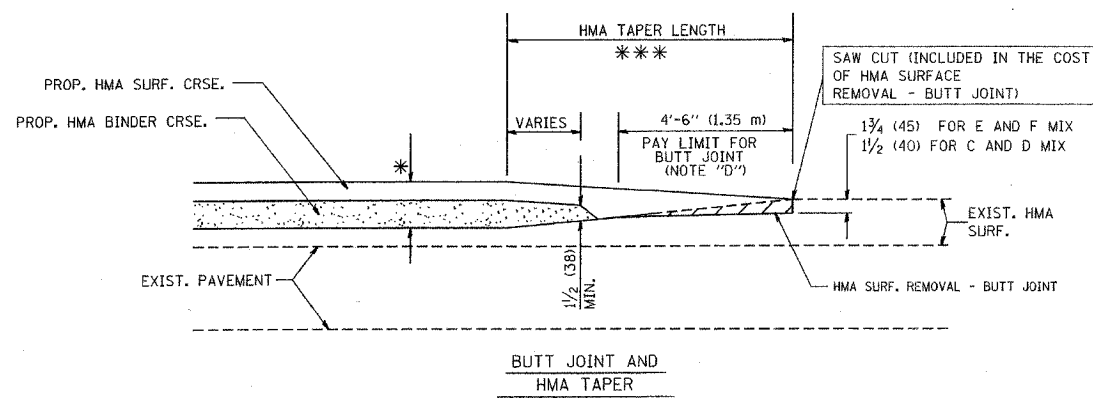


**OPTION 1**

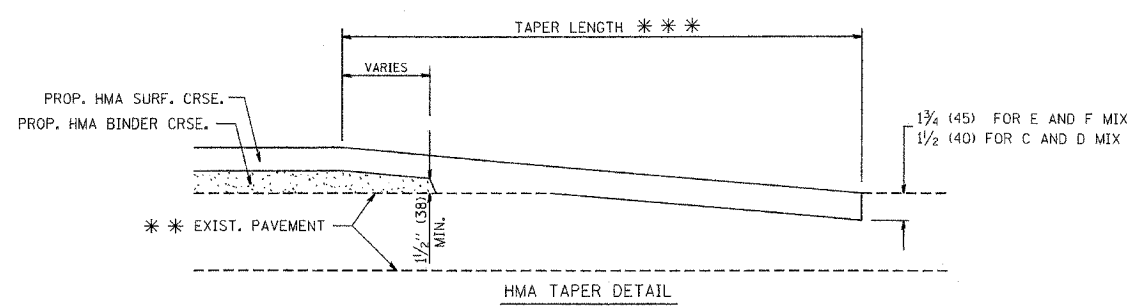
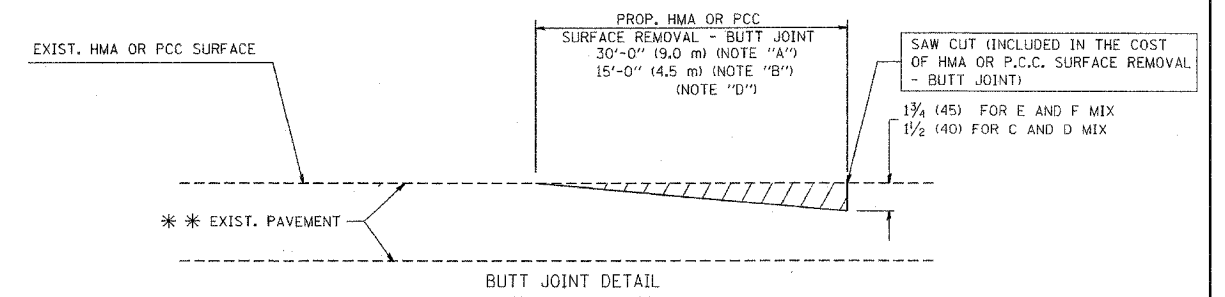


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	<b>BUTT JOINT AND HMA TAPER DETAILS</b> SCALE: VERT. NONE HORIZ. 10/31/2006 PLOT DATE: 10/31/2006 DRAWN BY CHECKED BY BD400-05 (VI-B032) REVISION DATE: 01/01/07	
M. DE YONG	6-13-90		
M. DE YONG	7-3-90		
M. DE YONG	3-27-92		
R. SHAH	09/09/94		
R. SHAH	10/25/94		
A. ABBAS	03/21/97		
M. GOMEZ	04/06/01		
R. BORO	01/01/07		

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

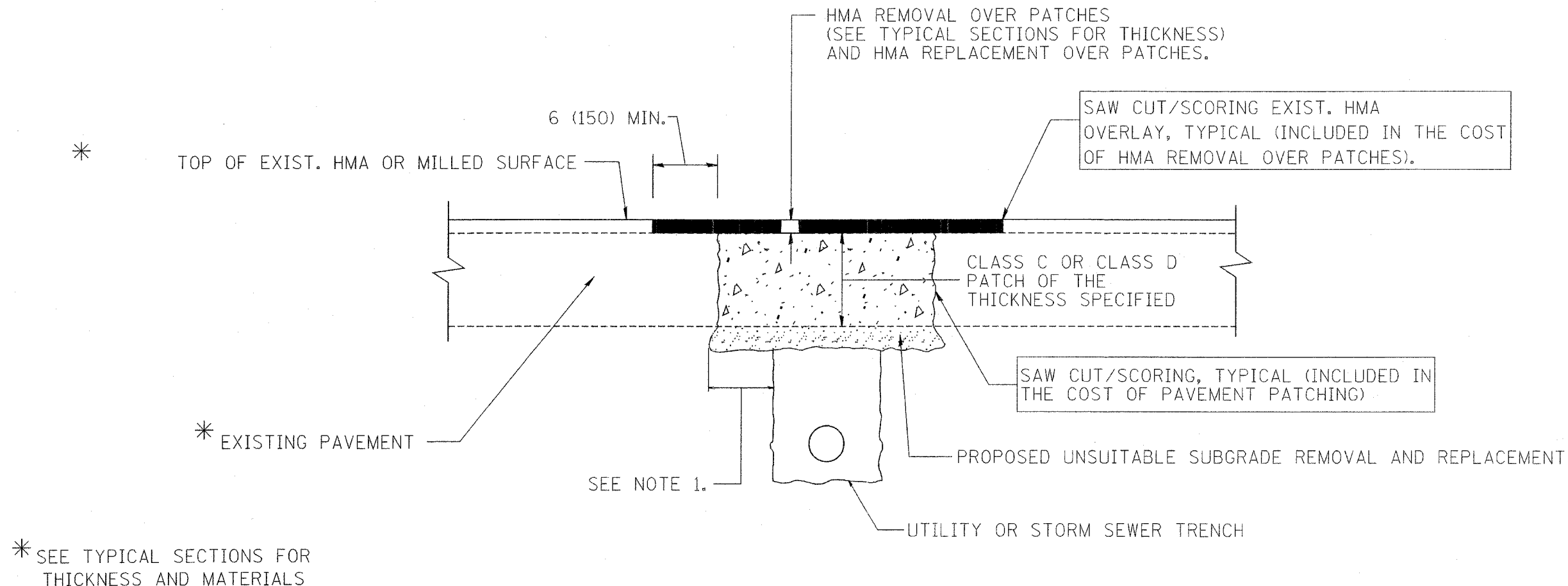
REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	JLC	1/3/07	I.D.O.T. REVIEW

**BUTT JOINT AND HMA TAPER DETAILS**

PROJECT NO. 05442	SCALE NONE	SHEET 22
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FIELD BOOK NO. FILE	SHEETS

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	05-00059-00-RS	COOK	23	23

CONTRACT NO. 83903



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION**

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NO.	DATE	NAME	DATE
R. SHAH	10/25/94		
R. SHAH	01/14/95		
R. SHAH	03/23/95		
R. SHAH	04/24/95		
A. HOUSEH	03/15/96		
A. ABBAS	03/21/97		
A. ABBAS	01/20/98		
ART ABBAS	04/27/98		
R. BORO	01/01/07		

SCALE: VERT. NONE  
HORIZ. NONE  
PLOT DATE: 10/31/2006

DRAWN BY  
CHECKED BY

BD400-04 (BD-22)

REVISION DATE: 01/01/07

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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

PAVEMENT PATCHING  
FOR HMA  
SURFACED PAVEMENT

PROJECT NO. 05442	SCALE NONE	SHEET 23
DRAWN/DESIGNED JFP/JLC	DATE OCT., 2006	OF 23
CHECKED/APPROVED JLC	FILE BOOK NO. FILE	SHEETS