

ASSOCIATE FIELD ENGINEER: KEVIN STALLWORTH, P.E. (847) 705-4169

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: JEFFREY STRZALKA
 CLIENT: ILLINOIS
 DATE PLOTTED: 4/1/2009 11:27:00 AM
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

SAFE ROUTES TO SCHOOL
SIDEWALK IMPROVEMENTS
SECTION NO.: 08-00086-00-SW
PROJECT NO.: SRTS-4008 (018)
JOB NO.: C-40-005-08
VILLAGE OF MUNDELEIN
LAKE COUNTY

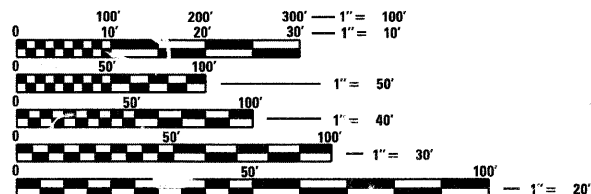
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 63166		

INDEX OF SHEETS

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HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-06 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-04 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES



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.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION CALL 811

Know what's below.
Call before you dig.

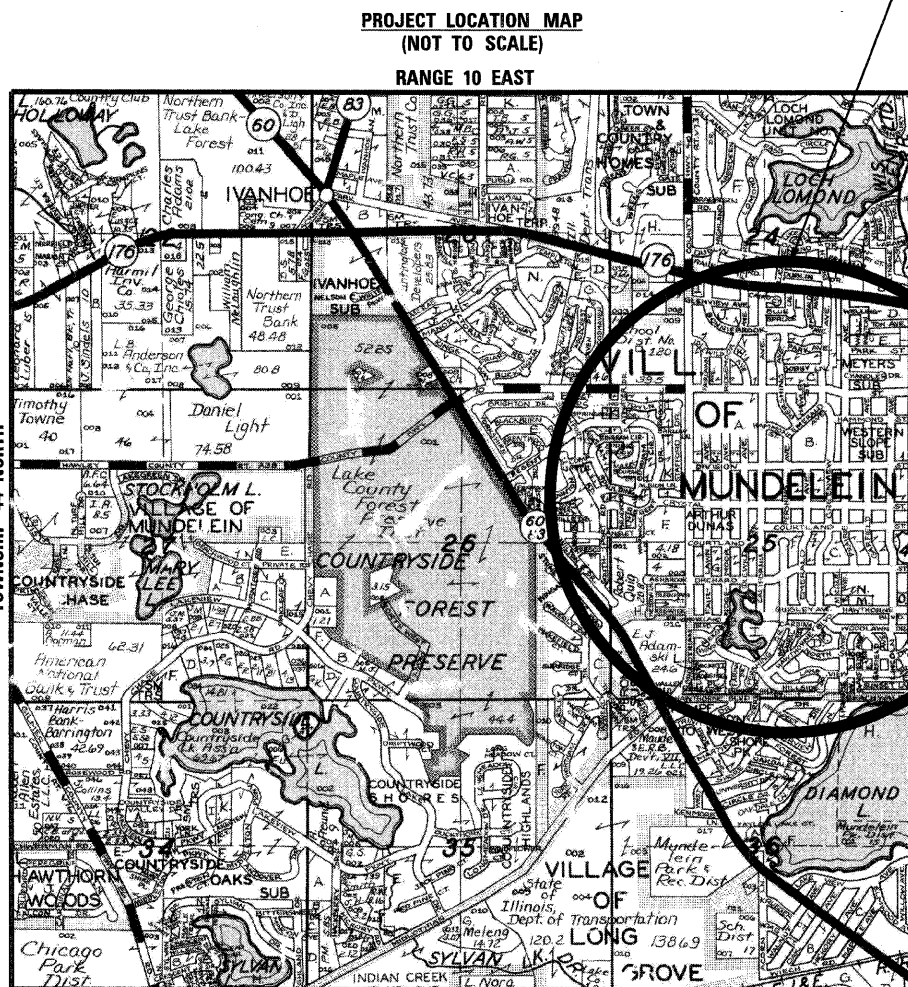
Illinois Professional Design Firm # 184-000103

SEC Group, Inc.
Engineering
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PROJECT ENGINEER: JEFFREY STRZALKA, P.E.
PROJECT MANAGER: JEFFREY PISHA, P.E.

CONTRACT NO. 63166



PROJECT LOCATION AREA



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED April 2 2009
Will Cummings
VILLAGE OF MUNDELEIN

PASSED April 06 2009
Chris M. Helt
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR LIMITED REVIEW APRIL 06 2009
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PROFESSIONAL ENGINEER'S SIGN & SEAL

Jeffrey J. Strzalka
JEFFREY J. STRZALKA, P.E.
EXPIRES: 11-30-09

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OF THE STATE OF ILLINOIS**

PROJECT LENGTH
NET LENGTH OF IMPROVEMENT = 12,400 FT (2.348 MI)
GROSS LENGTH OF PROJECT = 12,400 FT (2.348 MI)

GENERAL NOTES

1. ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2007.
2. ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
3. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
5. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 1-800-892-0123 AND THE VILLAGE OF MUNDELEIN AT (847) 949-3200 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
6. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR VILLAGE.
7. SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE ITEM REMOVED.
8. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
9. OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
10. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, PORTLAND CEMENT CONCRETE SIDEWALK AND AS DIRECTED BY THE ENGINEER.
11. WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
12. TYPE "B" CURB RAMPS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AND DRIVEWAYS PER CURRENT IDOT STANDARDS AT LOCATIONS WHERE SIDEWALK IS SHOWN ON THE PLAN.
13. THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL EXISTING MAILBOXES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND AFTER COMPLETION OF CONSTRUCTION, TO SET THEM IN THEIR PERMANENT LOCATIONS PER UNITED STATES POST OFFICE AND VILLAGE OF MUNDELEIN REQUIREMENTS. THIS WORK SHALL BE DONE IN CONFORMANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS, AND THE COST WILL BE CONSIDERED INCLUDED IN THE CONTRACT.
14. THE CONTRACTOR SHALL NOTIFY IDOT BUREAU OF MATERIALS AT (847) 705-4337 AT LEAST 24 HOURS PRIOR TO THE PLACEMENT OF HMA OR CONCRETE.
15. FOR STEEL BARS CERTIFICATION, CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4361.

16. MEASUREMENT FOR PAYMENT OF REMOVAL AND DISPOSAL OF UNSUITABLES SHALL INCLUDE THE AREA SIX (6) INCHES FROM THE FACE OF THE NEW SIDEWALK TO AN AVERAGE DEPTH OF EIGHT (8) INCHES OR AS SHOWN IN THE PLANS. REMOVAL & DISPOSAL OF UNSUITABLES WILL ALSO INCLUDE THE AREA SIX (6) INCHES FROM THE FACE OF THE SIDEWALK THROUGH EXISTING DRIVEWAYS, SIDEWALKS AND OTHER SURFACES. SHRUB REMOVAL AND SHRUB TRIMMING AS DIRECTED BY THE ENGINEER TO ACCOMMODATE SIDEWALK CONSTRUCTION WILL BE INCLUDED IN THE COST OF REMOVAL AND DISPOSAL OF UNSUITABLES.

17. THE AREA OF RESTORATION FROM THE FACE OF THE SIDEWALK TO SIX (6) INCHES FROM THE FACE, MEANING PROPOSED TOPSOIL AND SEEDING, WILL BE INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH. RESTORATION OUTSIDE THESE LIMITS SHALL BE PAID FOR SEPERATELY.

STORM SEWERS, WATER MAINS, AND UTILITIES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

GENERAL NOTES (CONTINUED)

2. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
4. ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
5. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
6. THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE VILLAGE FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
7. ANY LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

SIGNING AND STRIPING

1. SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAIL AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS. PAVEMENT STRIPING WILL BE PERFORMED BY THE VILLAGE'S OWN FORCES UPON COMPLETION OF SIDEWALK CONSTRUCTION.
2. ALL EXISTING SIGNS LOCATED ON UTILITY/LIGHT POLES TO REMAIN THAT DO NOT CONFLICT WITH THE IMPROVEMENTS SHALL REMAIN IN PLACE UNLESS DIRECTED BY THE ENGINEER.
3. SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
4. THE VILLAGE WILL REMOVE, RELOCATE AND/OR TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH CONSTRUCTION OPERATIONS. UPON COMPLETION OF CONSTRUCTION, THE VILLAGE WILL PERMANENTLY RESET ALL SIGNS.

TRAFFIC CONTROL

1. SEE TRAFFIC CONTROL PLANS AND GENERAL NOTES CONCERNING TRAFFIC CONTROL AND PROTECTION.

DISTRICT ONE DETAILS

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)

DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)



USER NAME = jstrzelko	DESIGNED - JJS	REVISED -
PLOT SCALE = 1:1	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

GENERAL NOTES

SCALE: 1:1 SHEET NO. 1 OF 1 SHEETS STA. NA TO STA. NA


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	2
CONTRACT NO. 63166				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

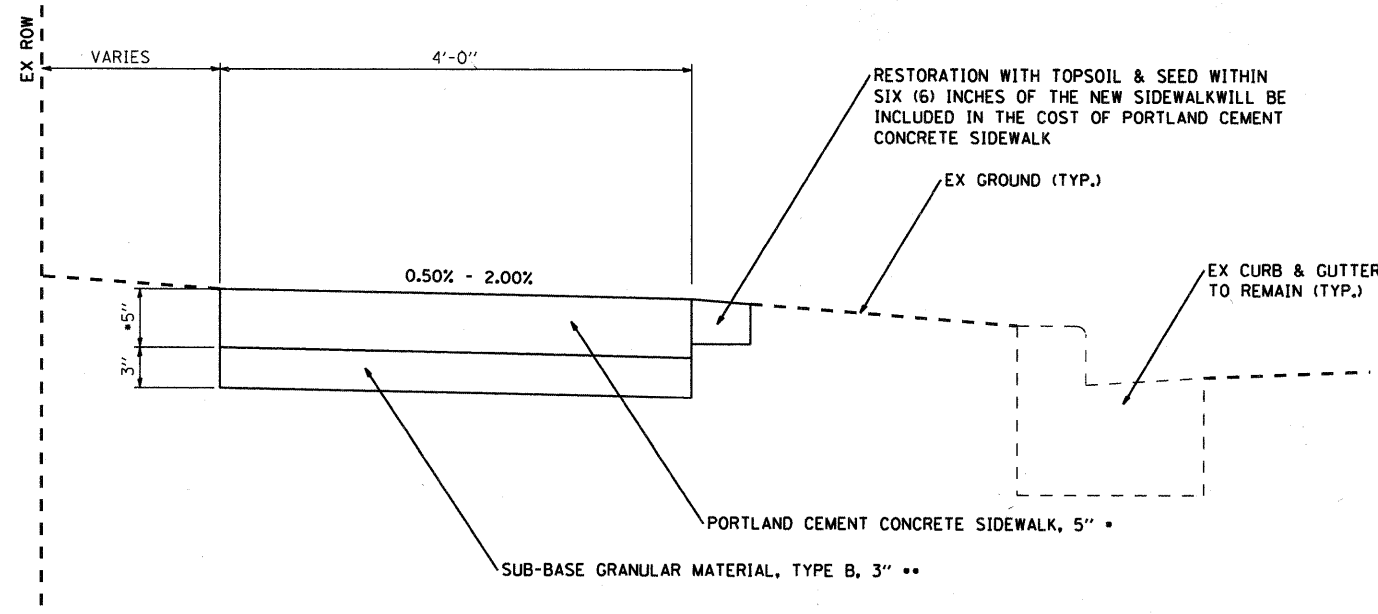
SUMMARY OF QUANTITIES

SFTY-1B

CODE NUMBER	PAY ITEM DESCRIPTION	UNITS	TOTALS
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	60
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	96
20101100	TREE TRUNK PROTECTION	EACH	10
20101200	TREE ROOT PRUNING	EACH	10
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	854
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,918
25000210	SEEDING, CLASS 2A	ACRE	0.60
42001300	PROTECTIVE COAT	SQ YD	4,850
42400430	PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH, SPECIAL	SQ FT	42,966
42400800	DETECTABLE WARNINGS	SQ FT	408
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	680
44000600	SIDEWALK REMOVAL	SQ FT	17,627
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	449
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	3
* 56400800	FIRE HYDRANT AND VALVE TO BE MOVED	EACH	5
60266600	VALVE BOXES TO BE ADJUSTED	EACH	8
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
Z0017400	DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED	EACH	22
Z0022800	FENCE REMOVAL	FOOT	120
XX006806	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	SQ YD	365

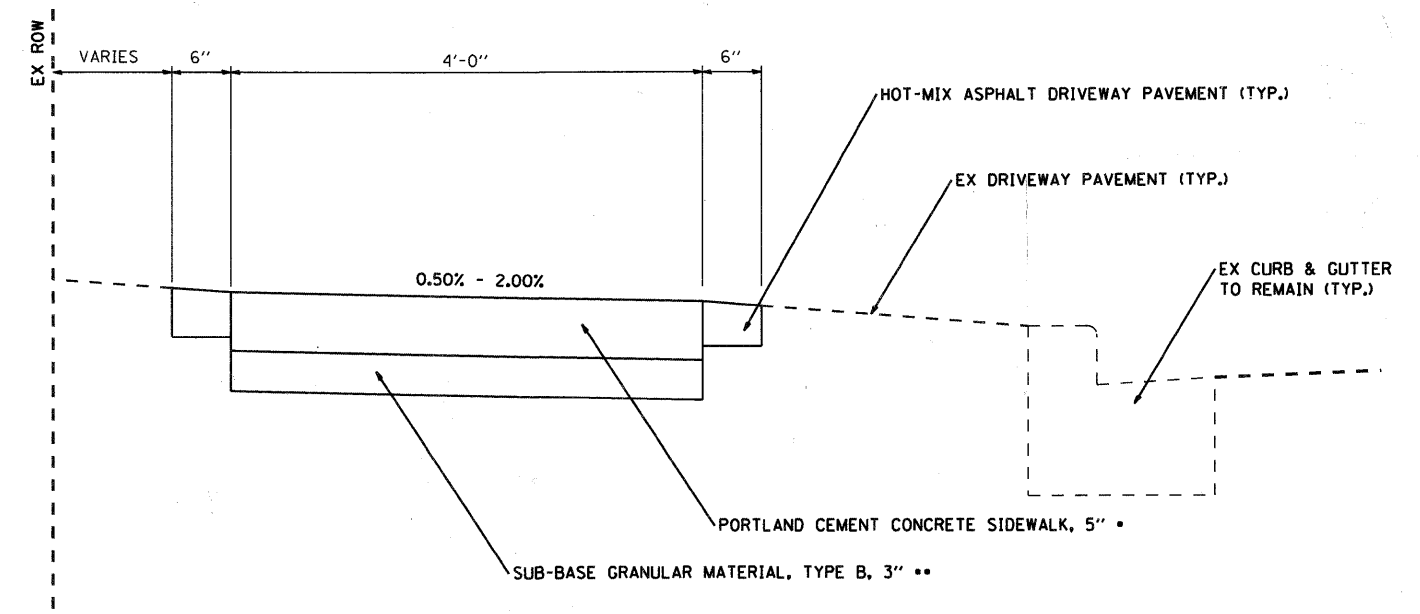
* SAFETY ITEMS

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	PLOT SCALE = 1:20	DRAWN - JJS	REVISED -		SCALE: 1:20	SHEET NO. 1 OF 1 SHEETS	STA. NA	TO STA. NA	08-00086-00-SW	LAKE	40	3	
	PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				CONTRACT NO. 63166				
	DATE - 4/1/09	REVISED -											



- PC CONC SIDEWALK TO BE 6" THICK ACROSS ALL DRIVEWAYS
- INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCHES

PORTLAND CEMENT CONCRETE SIDEWALK



- PC CONC SIDEWALK TO BE 6" THICK ACROSS ALL DRIVEWAYS
- INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCHES

PORTLAND CEMENT CONCRETE SIDEWALK AT DRIVEWAYS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	VOIDS
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2" (IL 9.5mm)	PG 64-22	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/ SQ YD



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VILLAGE OF MUNDELEIN

PROPOSED TYPICAL SECTIONS

SCALE: 1:20	SHEET NO. 1 OF 1 SHEETS	STA. NA TO STA. NA
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	4
CONTRACT NO. 63166				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND



DENOTES AREA OF SIDEWALK REMOVAL AND REPLACEMENT
SEE SCHEDULE FOR EXACT LOCATION AND PLANNED QUANTITY



DENOTES STREET NUMBER ADDRESS

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VILLAGE OF MUNDELEIN

SIDEWALK REMOVAL & REPLACEMENT PLAN

SCALE: 1:100 SHEET NO. 1 OF 4 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	5
CONTRACT NO. 63166				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LEGEND



DENOTES AREA OF SIDEWALK REMOVAL AND REPLACEMENT
SEE SCHEDULE FOR EXACT LOCATION AND PLANNED QUANTITY



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	DATE - 4/1/09

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VILLAGE OF MUNDELEIN

SIDEWALK REMOVAL & REPLACEMENT PLAN

SCALE: 1:100 SHEET NO. 2 OF 4 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	6
CONTRACT NO. 63166				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SIDEWALK REMOVAL AND REPLACEMENT SCHEDULE

STREET NAME	LENGTH (FT)	WIDTH (FT)	AREA (SQ FT)
CALIFORNIA AVE.	218	4	872
COURTLAND ST.	665	4	2660
EMERALD AVE.	175	4	700
FAIRLAWN AVE.	135	4	540
S. GARFIELD AVE.	55	4	220
S. GREENVIEW AVE.	400	4	1600
HAWTHORNE BLVD.	115	4	460
IDLEWILD AVE.	185	4	740
S. LINCOLN AVE.	75	4	300
MIDLOTHIAN RD.	313	4	1252
ORCHARD ST.	230	4	920
QUIGLEY ST.	137	4	548
PERSHING AVE.	215	4	860
S. PRAIRIE AVE.	316	4	1264
RIDGEMOOR AVE.	185	4	740
LAKE ST.	55	5	275

TOTAL 13,951

NOTE: FINAL LOCATIONS OF SIDEWALK REMOVAL & REPLACEMENT TO BE DETERMINED BY THE ENGINEER AND VILLAGE.

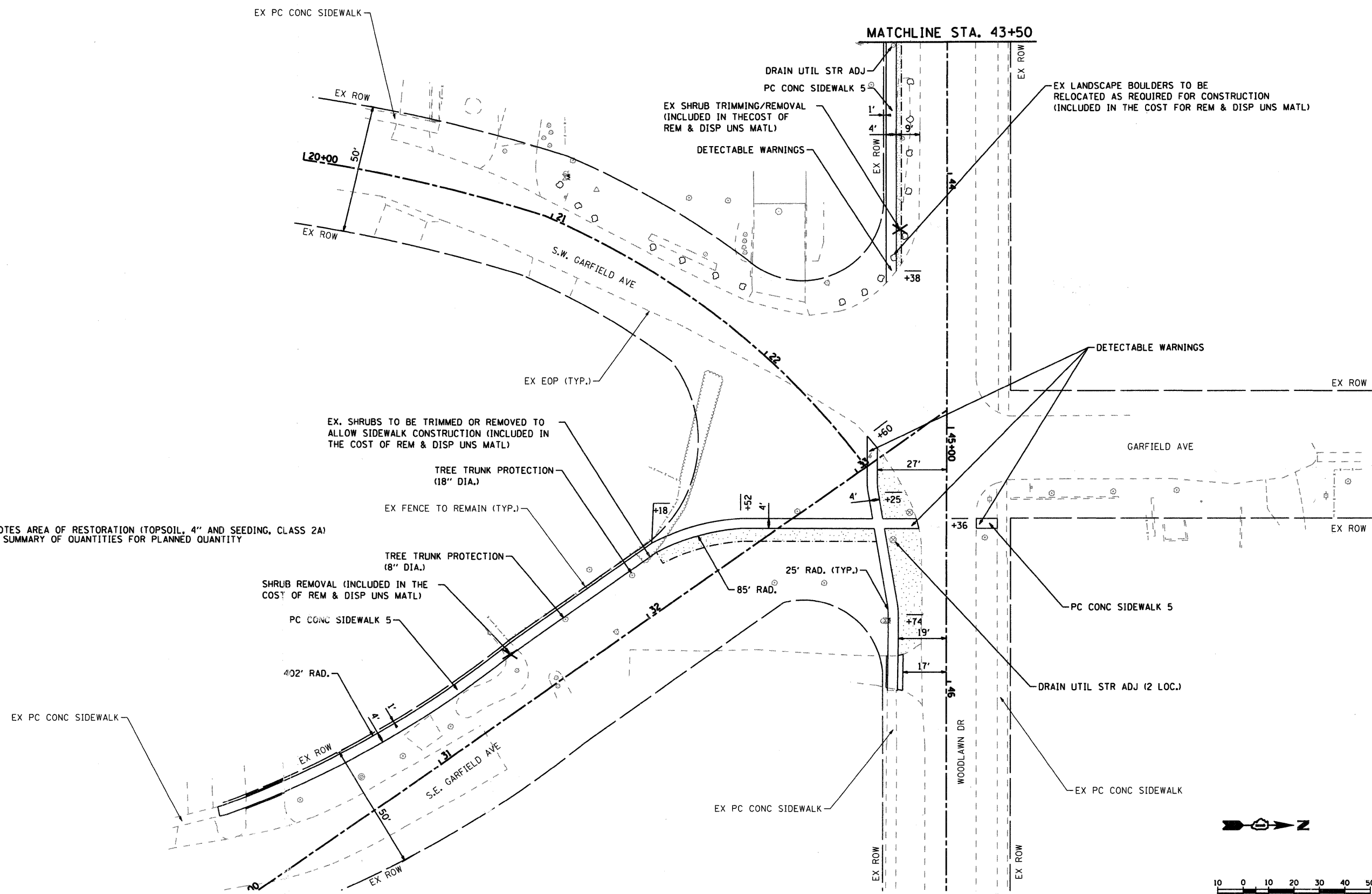
 SEC Group, Inc. <small>Engineering Planning Landscape Architecture</small> <small>Illinois • Texas • Georgia</small> <small>www.secgroupinc.com</small>	USER NAME = jstrzelko	DESIGNED - JJS	REVISED -	VILLAGE OF MUNDELEIN	SIDEWALK REMOVAL & REPLACEMENT SCHEDULE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=1'	DRAWN - JJS	REVISED -			08-00086-00-SW	LAKE	40	7	
	PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -			CONTRACT NO. 63166				
				SCALE: 1"=1'	SHEET NO. 3 OF 4 SHEETS	STA. NA	TO STA. NA	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		

PROPOSED SIDEWALK SCHEDULE

STREET NAME	BEGIN STATION	END STATION	AREA (SQ FT)
S.E. GARFIELD AVE.	30+07	33+34	1,250
GARFIELD AVE.	110+49	114+43	1,603
WOODLAWN DR.	40+11	40+90	333
WOODLAWN DR.	40+99	41+77	332
WOODLAWN DR.	41+44	44+38	1,593
WOODLAWN DR.	45+03	46+10	386
PRARIE AVE.	10+61	12+93	1,006
PRARIE AVE.	12+31	12+80	241
ORCHARD ST.	75+50	76+91	913
ORCHARD ST.	77+39	79+84	835
ORCHARD ST.	85+35	86+97	616
COURTLAND ST.	80+47	83+22	1,145
COURTLAND ST.	90+40	94+55	1,688
COURTLAND ST.	96+49	96+99	195
CRYSTAL ST.	101+72	102+96	565
CALIFORNIA AVE.	77+35	78+77	614
CALIFORNIA AVE.	79+30	83+06	1,525
DIVISION ST.	100+48	103+37	1,220
DIVISION ST.	103+62	106+69	1,310
DIVISION ST.	106+96	109+81	1,218
DIVISION ST.	113+64	117+02	1,351
DIVISION ST.	128+64	132+24	1,497
DIVISION ST.	132+46	136+07	1,522
DIVISION ST.	136+31	138+14	845
PRARIE AVE.	120+29	122+54	918
PRARIE AVE.	122+82	124+14	526
PRARIE AVE.	127+36	130+18	1,170
PRARIE AVE.	131+17	132+18	358

TOTAL 26,775

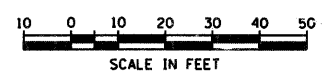
 SEC Group, Inc. <small>Engineering Surveying Planning Landscape Architecture</small> <small>Illinois • Texas • Georgia</small> <small>www.secgroupinc.com</small>	USER NAME = jstrzelke	DESIGNED - JJS	REVISED -	VILLAGE OF MUNDELEIN	PROPOSED SIDEWALK SCHEDULE	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1"=1'	DRAWN - JJS	REVISED -			08-00086-00-SW	LAKE	40	8	
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	DATE - 4/1/09	REVISED -	SCALE: 1"=1'			SHEET NO. 4 OF 4 SHEETS	STA. NA	TO STA. NA	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT



LEGEND



DENOTES AREA OF RESTORATION (TOPSOIL, 4" AND SEEDING, CLASS 2A)
SEE SUMMARY OF QUANTITIES FOR PLANNED QUANTITY



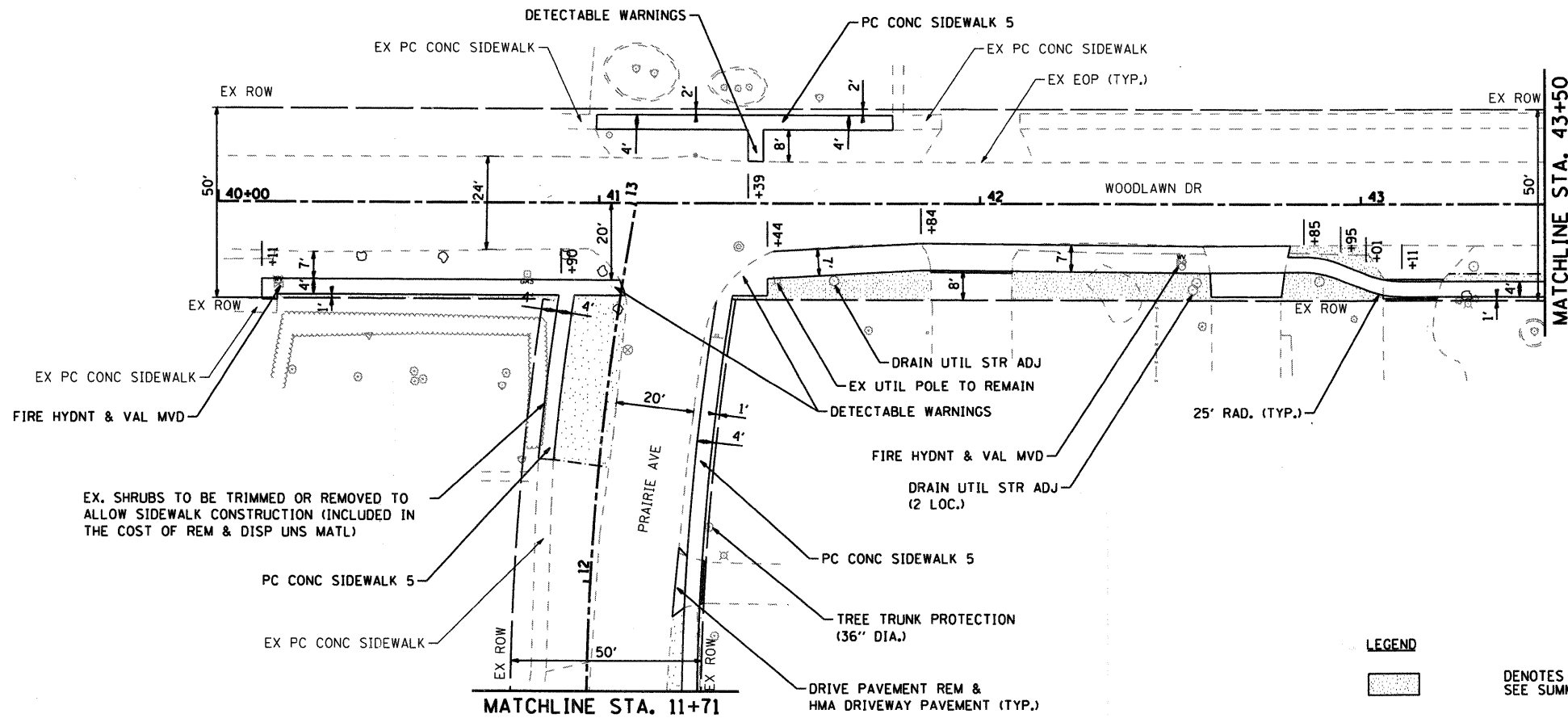
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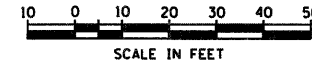
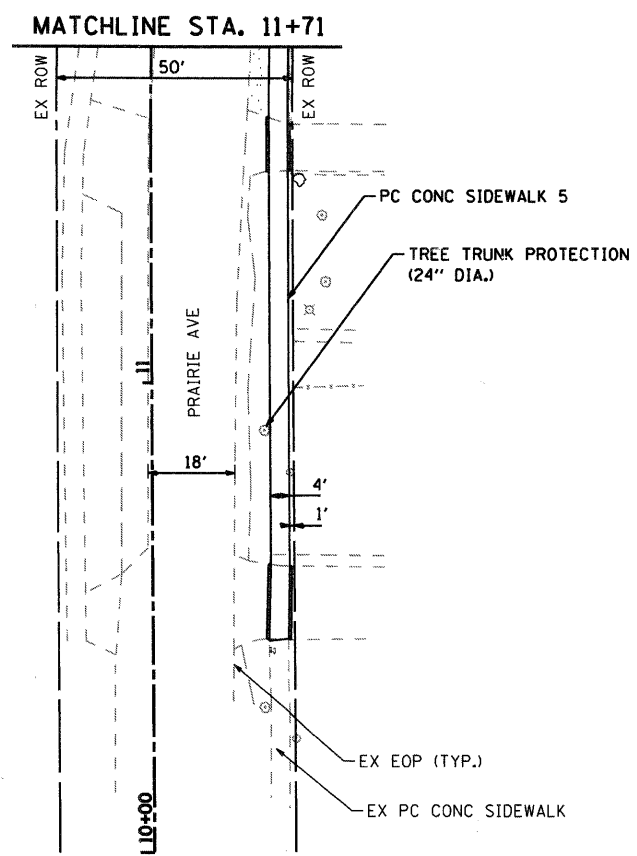
VILLAGE OF MUNDELEIN

PROPOSED SIDEWALK PLAN - S.W. GARFIELD AVE/S.E. GARFIELD AVE

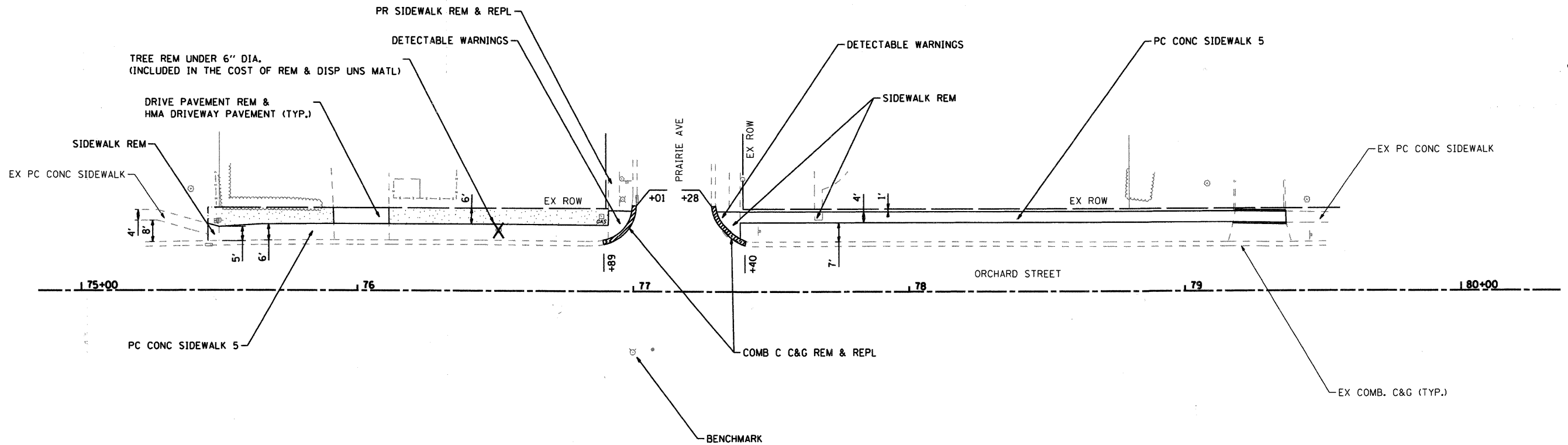
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LEGEND
 [Hatched Box] DENOTES AREA OF RESTORATION (TOPSOIL, 4" AND SEEDING, CLASS 2A)
 SEE SUMMARY OF QUANTITIES FOR PLANNED QUANTITY



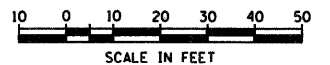
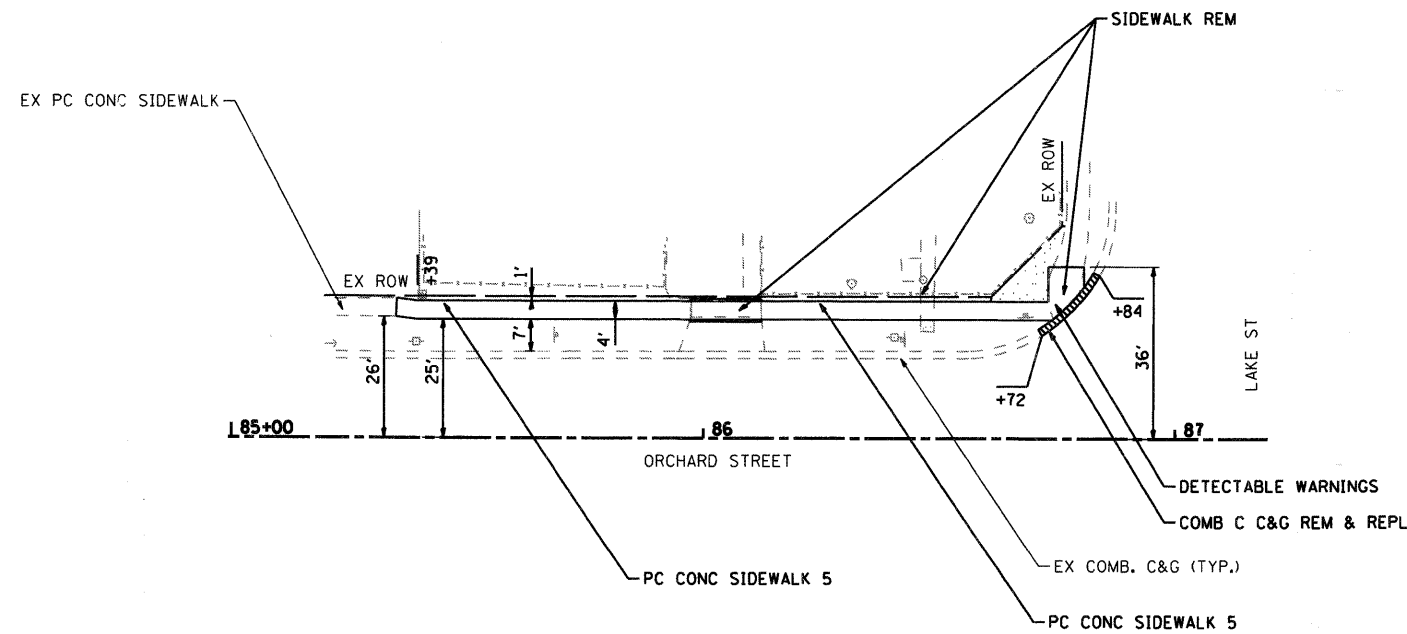
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	PLOT SCALE = 1:20	CHECKED - JLP	REVISED -			08-00086-00-SW	LAKE	40	10	
	PLOT DATE = 4/1/2009	DATE - 4/1/09	REVISED -		SCALE: 1:20	SHEET NO. 2 OF 10 SHEETS	STA. NA	TO STA. NA	CONTRACT NO. 63166 <small>FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT</small>	



LEGEND



DENOTES AREA OF RESTORATION (TOPSOIL, 4" AND SEEDING, CLASS 2A)
SEE SUMMARY OF QUANTITIES FOR PLANNED QUANTITY



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USER NAME = jstrzelko	DESIGNED - JJS	REVISED -
PLDT SCALE = 1:120	DRAWN - JJS	REVISED -
PLDT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

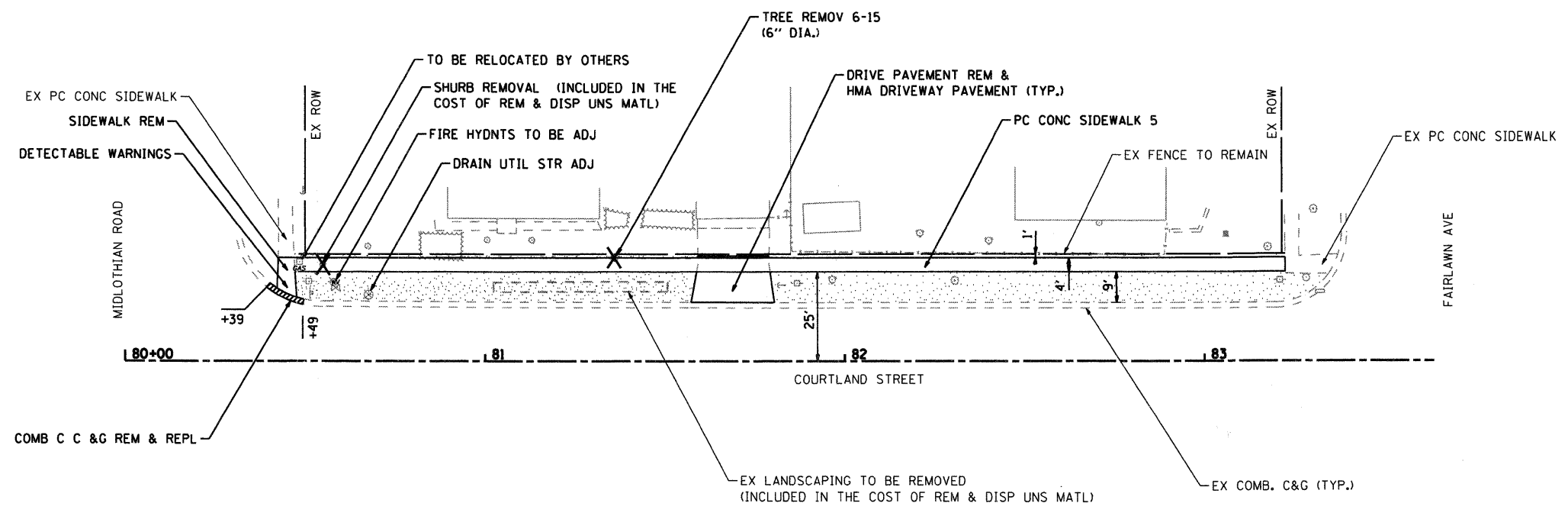
DESIGNED - JJS	REVISED -
DRAWN - JJS	REVISED -
CHECKED - JLP	REVISED -
DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

PROPOSED SIDEWALK PLAN - ORCHARD ST

SCALE: 1:120 SHEET NO. 3 OF 10 SHEETS STA. NA TO STA. NA

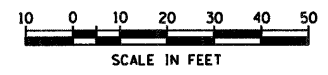
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	11
CONTRACT NO. 63166				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND



DENOTES AREA OF RESTORATION (TOPSOIL, 4" AND SEEDING, CLASS 2A)
SEE SUMMARY OF QUANTITIES FOR PLANNED QUANTITY



USER NAME = jstrzelko	DESIGNED - JJS	REVISED -
PLOT SCALE = 1:20	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

PROPOSED SIDEWALK PLAN - COURTLAND ST

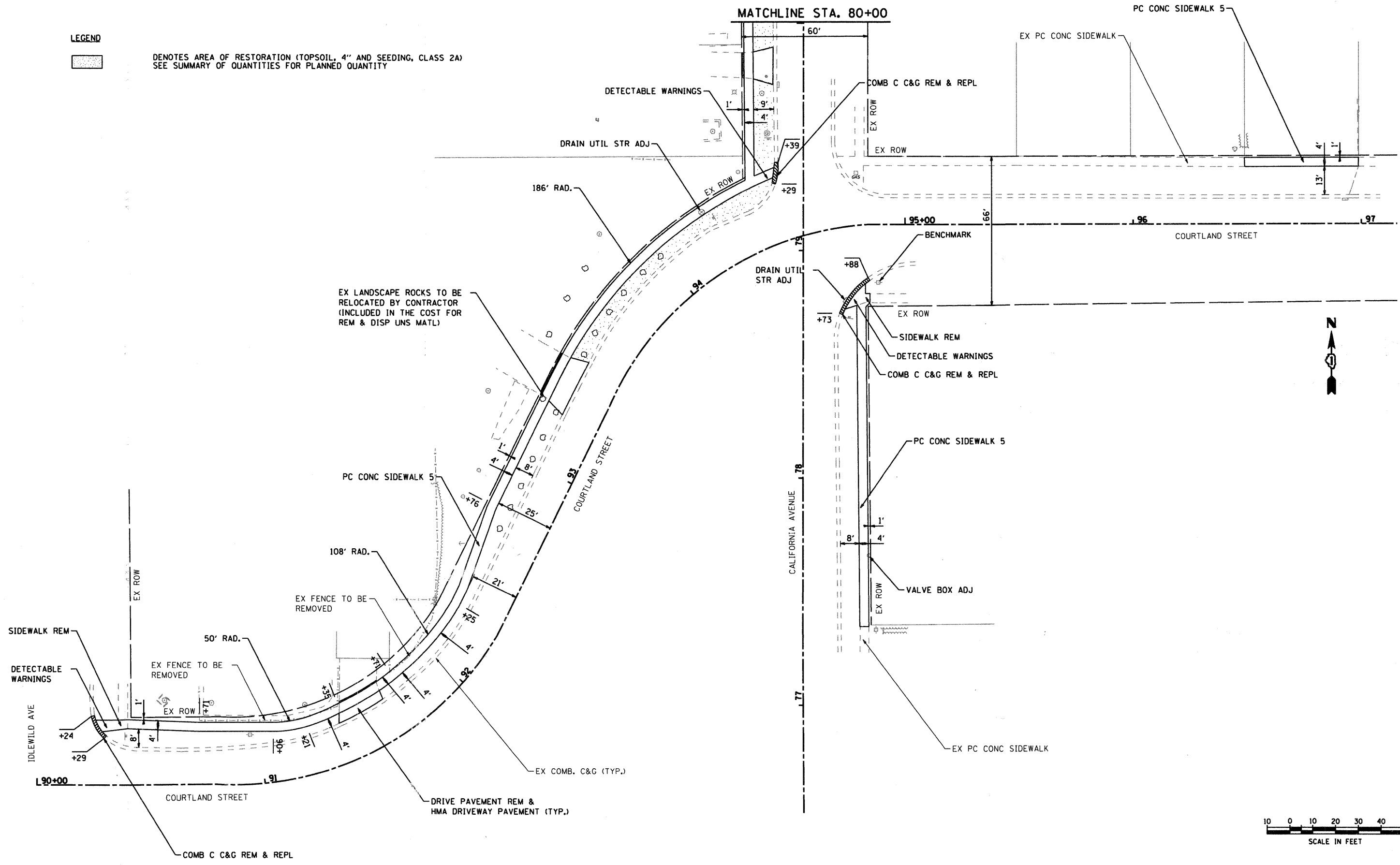
SCALE: 1:20 SHEET NO. 4 OF 10 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	12
CONTRACT NO. 63166				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND



DENOTES AREA OF RESTORATION (TOPSOIL, 4" AND SEEDING, CLASS 2A)
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USER NAME = jstrzelko	DESIGNED - JJS	REVISED -
PLLOT SCALE = 1:20	DRAWN - JJS	REVISED -
PLLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

DESIGNED - JJS	REVISED -
DRAWN - JJS	REVISED -
CHECKED - JLP	REVISED -
DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

PROPOSED SIDEWALK PLAN - COURTLAND ST/CALIFORNIA AVE

SCALE: 1:20	SHEET NO. 5 OF 10 SHEETS	STA. NA	TO STA. NA
-------------	--------------------------	---------	------------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	13
CONTRACT NO. 63166				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

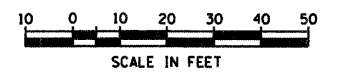
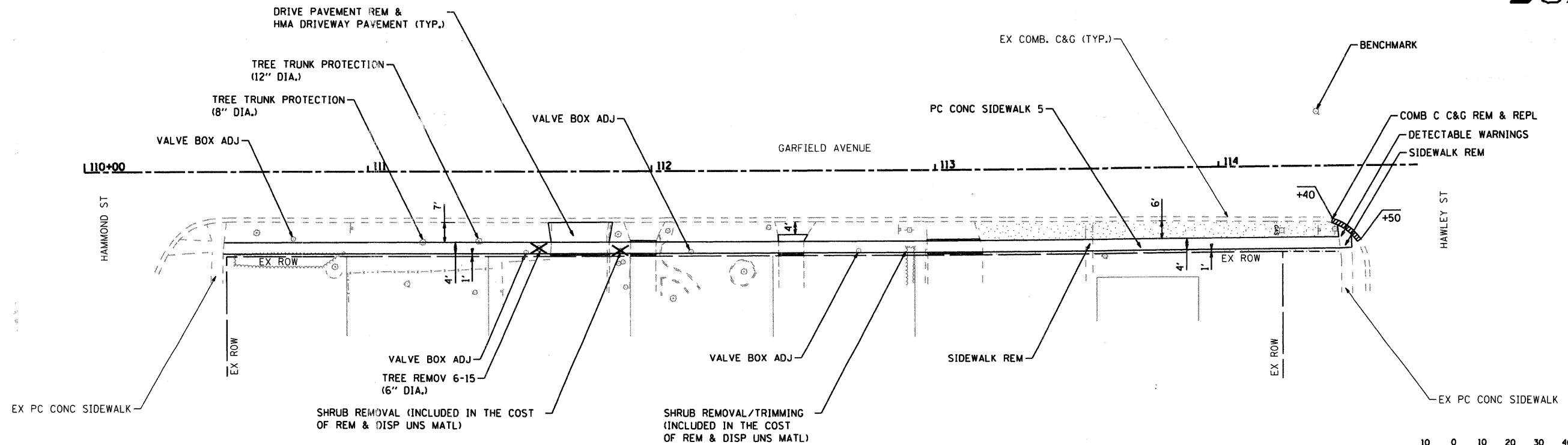
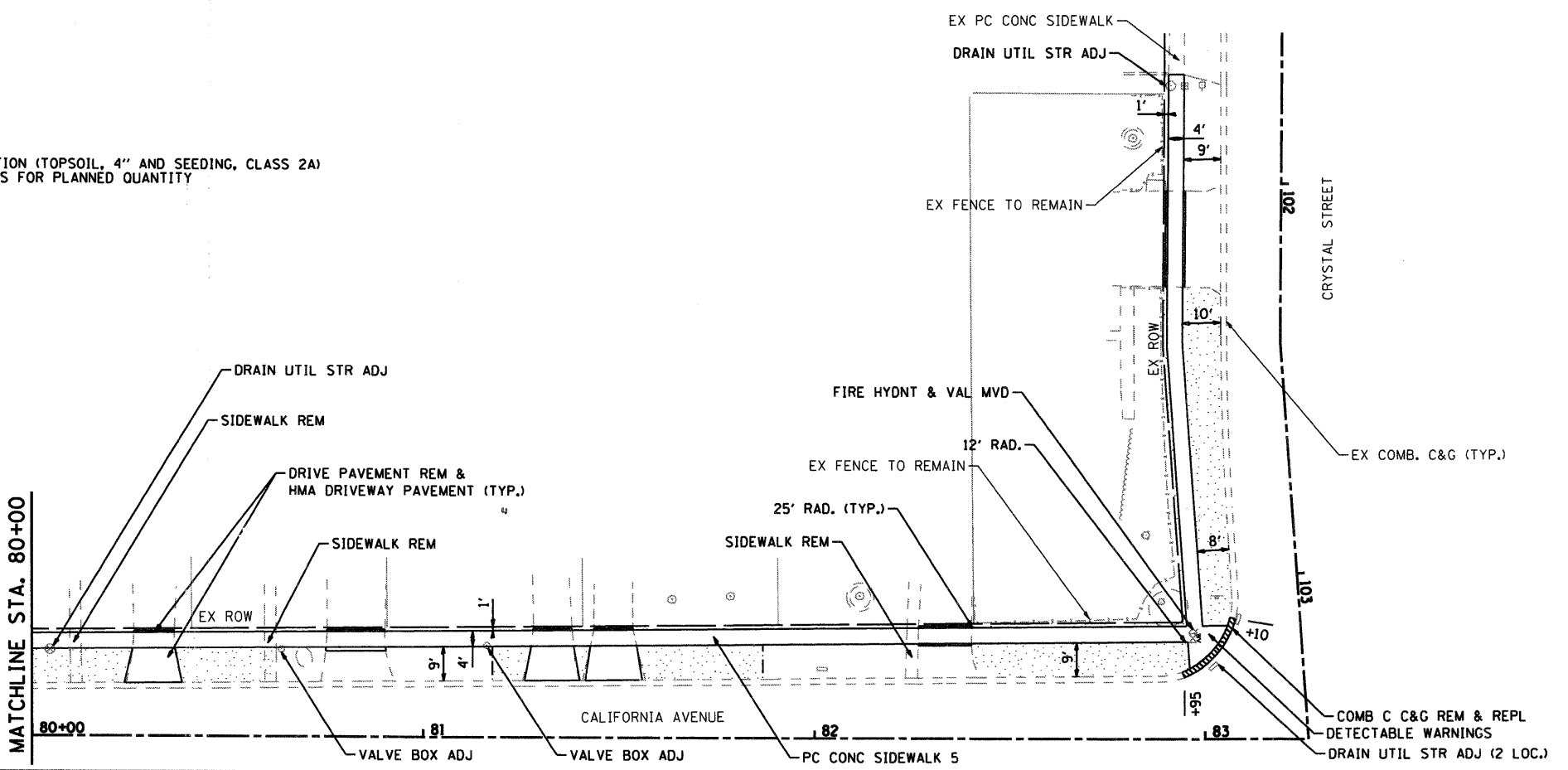
LEGEND



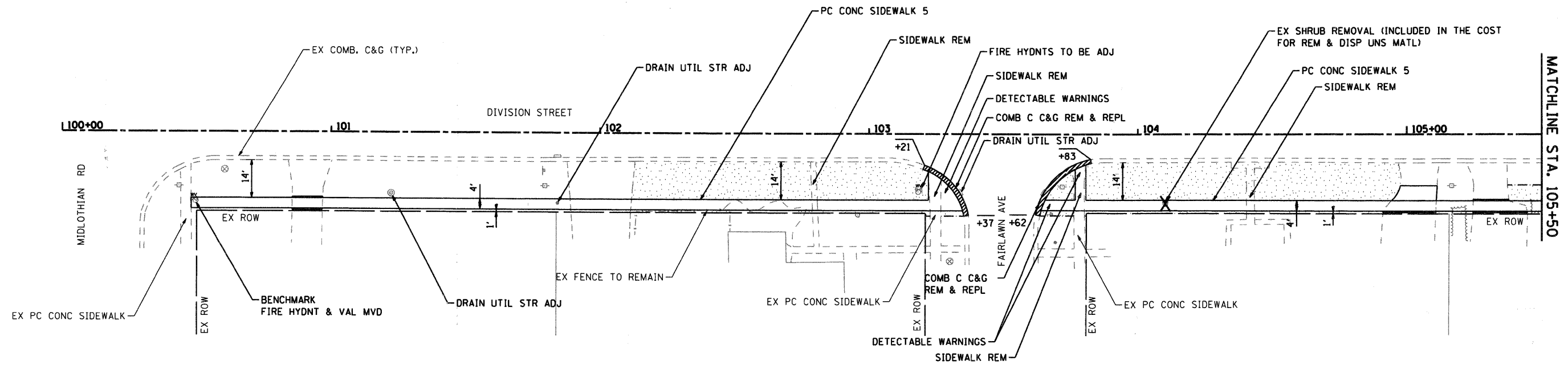
DENOTES AREA OF RESTORATION (TOPSOIL, 4" AND SEEDING, CLASS 2A)
SEE SUMMARY OF QUANTITIES FOR PLANNED QUANTITY



MATCHLINE STA. 80+00



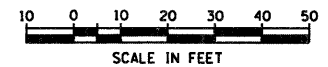
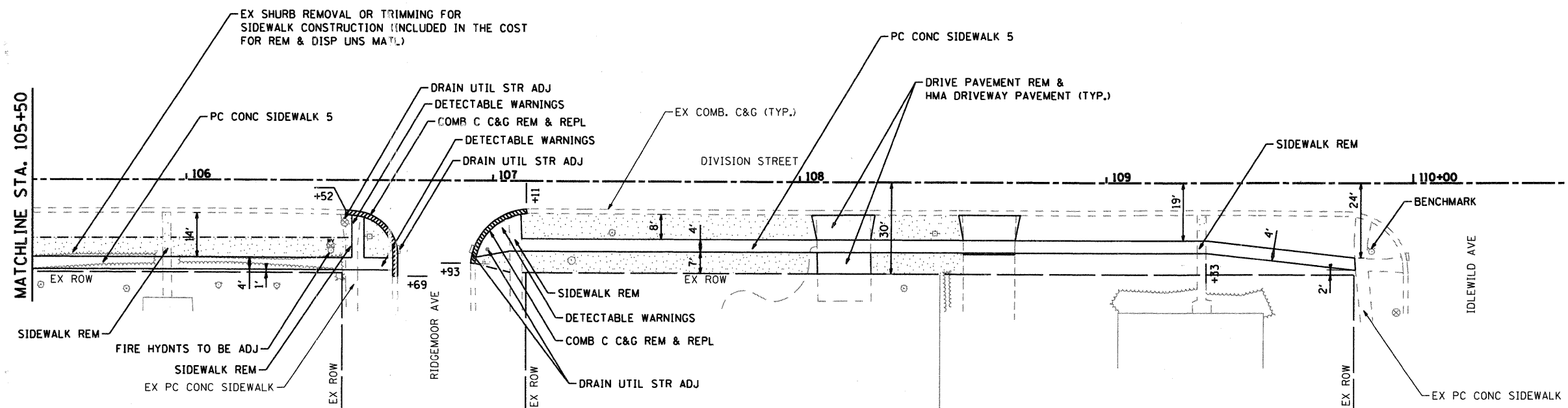
<p>SEC Group, Inc. Professional Engineering Surveying Planning Landscape Architecture Illinois • Texas • Georgia www.secgroupinc.com</p>	USER NAME = jstrzelko	DESIGNED - JJS	REVISED -	VILLAGE OF MUNDELEIN	PROPOSED SIDEWALK PLAN - CALIFORNIA AVE/CRYSTAL ST/GARFIELD AVE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:20	DRAWN - JJS	REVISED -				08-00086-00-SW	LAKE	40	14	
	PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -		SCALE: 1:20 SHEET NO. 6 OF 10 SHEETS STA. NA TO STA. NA		CONTRACT NO. 63166				
		DATE - 4/1/09	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



LEGEND



DENOTES AREA OF RESTORATION (TOPSOIL, 4" AND SEEDING, CLASS 2A)
SEE SUMMARY OF QUANTITIES FOR PLANNED QUANTITY



USER NAME = jstrzelka
PLOT SCALE = 1:20
PLOT DATE = 4/1/2009

DESIGNED - JJS
DRAWN - JJS
CHECKED - JLP
DATE - 4/1/09

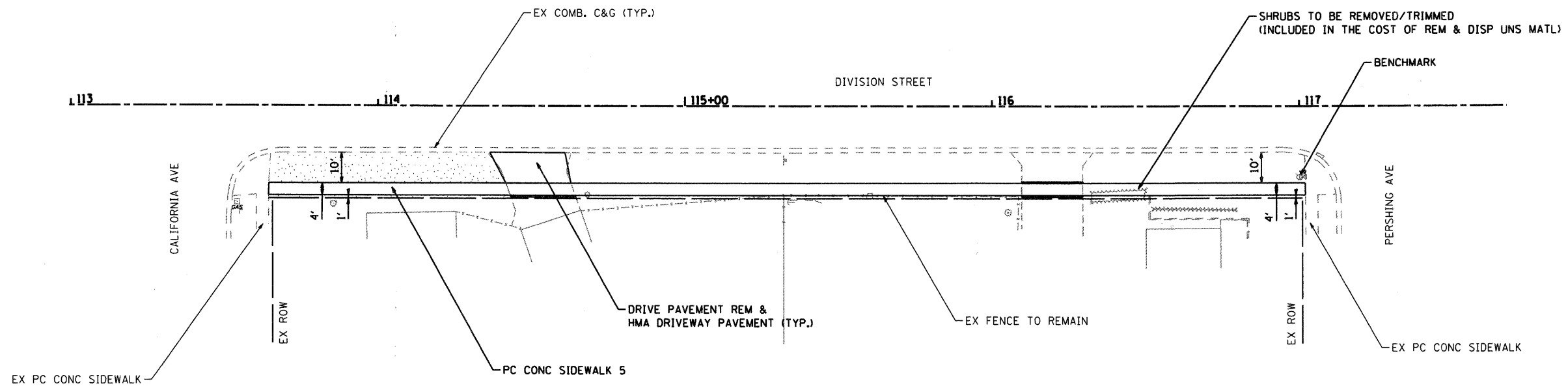
REVISED -
REVISED -
REVISED -
REVISED -

VILLAGE OF MUNDELEIN

PROPOSED SIDEWALK PLAN - DIVISION ST

SCALE: 1:20 SHEET NO. 7 OF 10 SHEETS STA. NA TO STA. NA

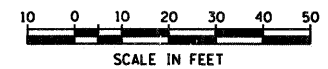
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	08-00086-00-SW	LAKE	40	15
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63166	



LEGEND



DENOTES AREA OF RESTORATION (TOPSOIL, 4" AND SEEDING, CLASS 2A)
SEE SUMMARY OF QUANTITIES FOR PLANNED QUANTITY



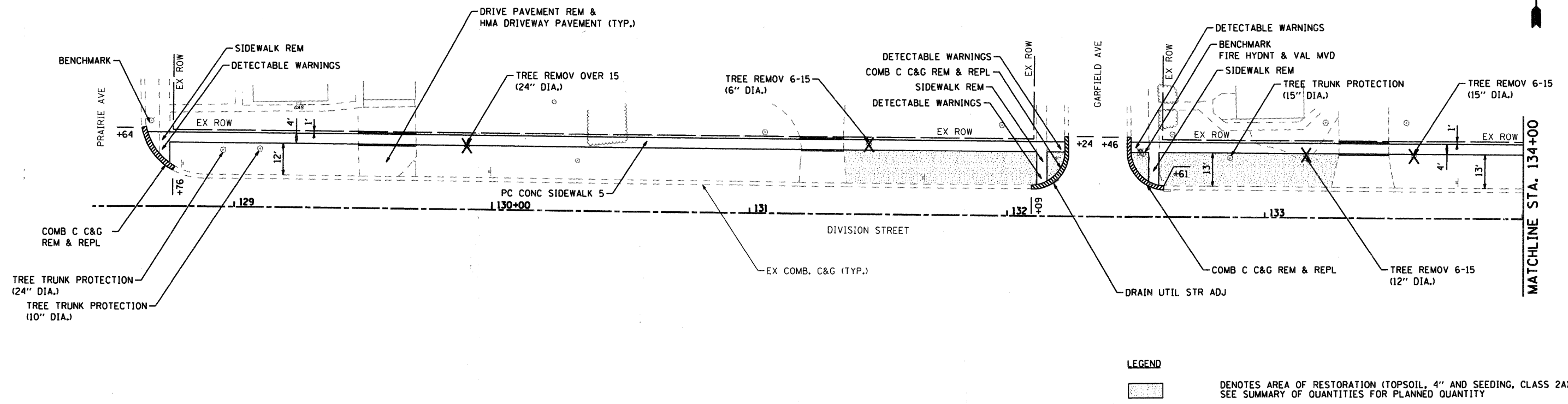
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	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

PROPOSED SIDEWALK PLAN - DIVISION ST

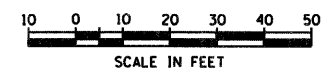
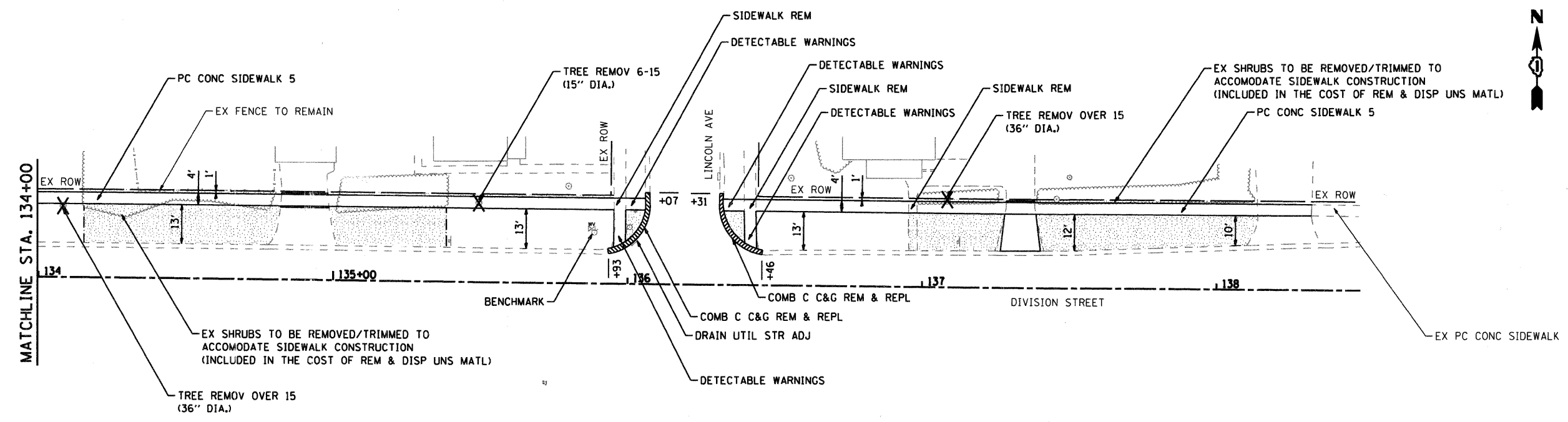
SCALE: 1:20 SHEET NO. 8 OF 10 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	16
CONTRACT NO. 63166				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LEGEND

 DENOTES AREA OF RESTORATION (TOPSOIL, 4\"/>



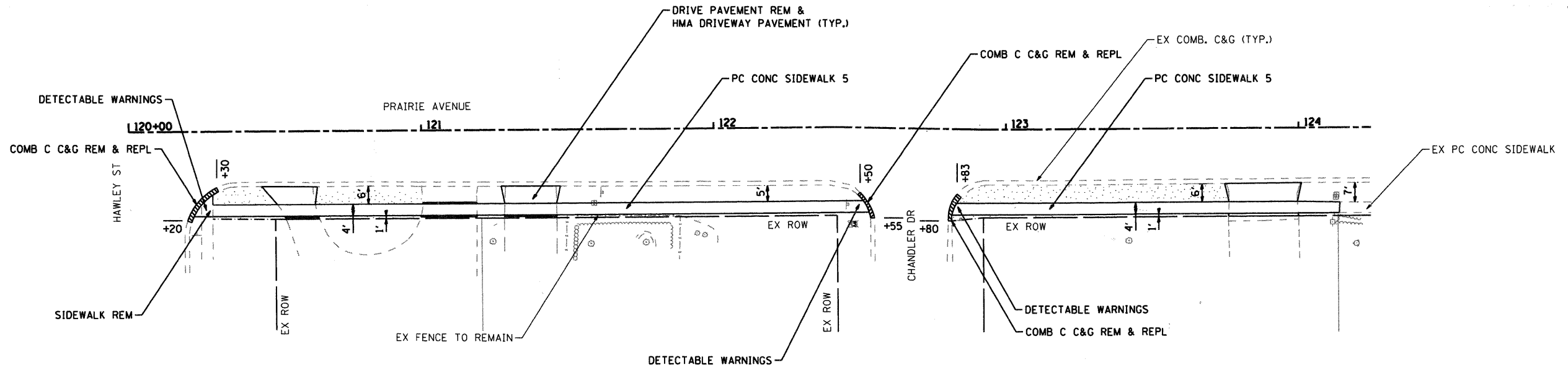
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PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

PROPOSED SIDEWALK PLAN - DIVISION ST

SCALE: 1:20 SHEET NO. 9 OF 10 SHEETS STA. NA TO STA. NA

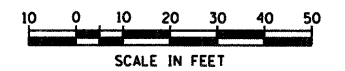
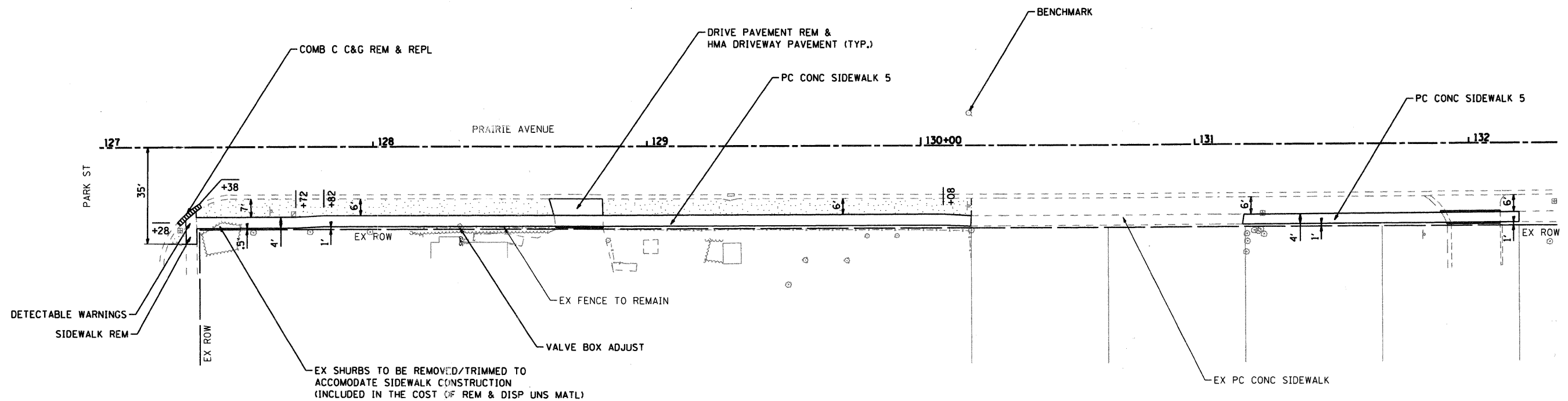
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	08-00086-00-SW	LAKE	40	17
CONTRACT NO. 63166				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



LEGEND



DENOTES AREA OF RESTORATION (TOPSOIL, 4" AND SEEDING, CLASS 2A)
SEE SUMMARY OF QUANTITIES FOR PLANNED QUANTITY



USER NAME = jstrzelko
 PLOT SCALE = 1:200
 PLOT DATE = 4/1/2009

DESIGNED - JJS
 DRAWN - JJS
 CHECKED - JLP
 DATE - 4/1/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

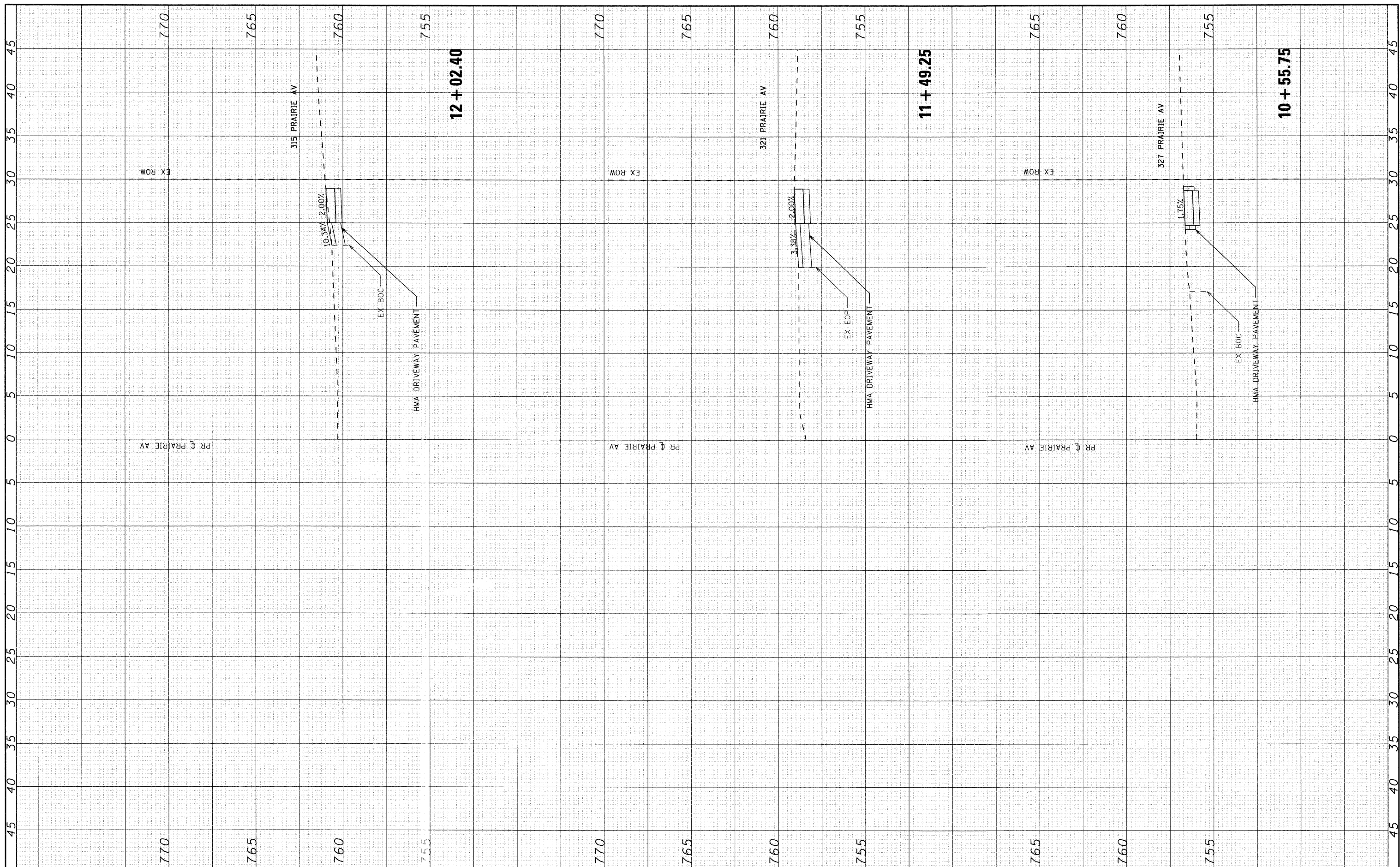
VILLAGE OF MUNDELEIN

PROPOSED SIDEWALK PLAN - PRAIRIE AVE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	18
CONTRACT NO. 63166				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



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USER NAME = jstrzelka	DESIGNED - JJS
PLOT SCALE = 10'H=5'V	DRAWN - JJS
PLOT DATE = 4/1/2009	CHECKED - JLP
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REVISED -
REVISED -
REVISED -
REVISED -

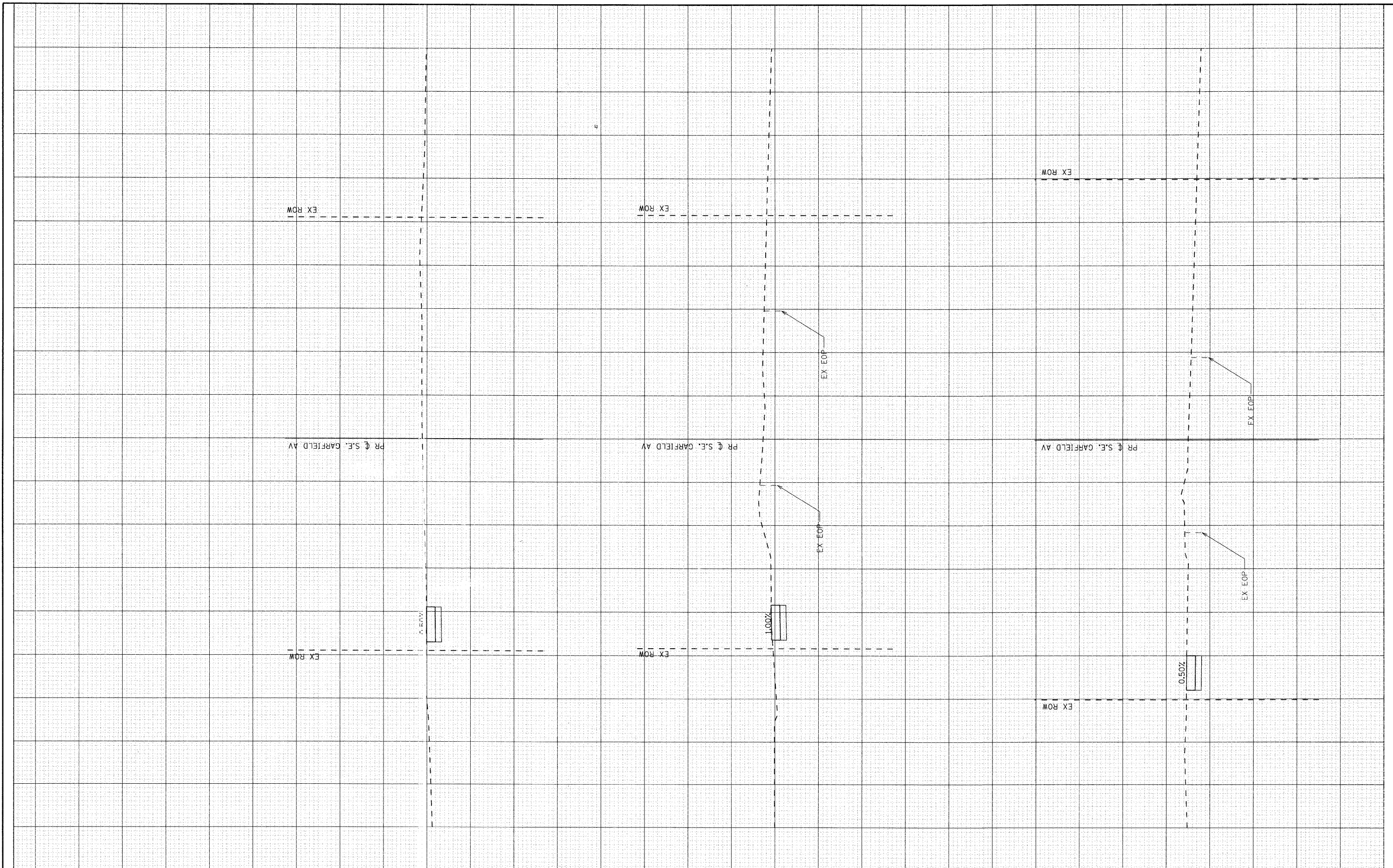
VILLAGE OF MUNDELEIN

PROPOSED CROSS SECTIONS - PRAIRIE AVE			
SCALE: 10'H=5'V	SHEET NO. 1 OF 19 SHEETS	STA. 10+55.75	TO STA. 12+02.40

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	19
CONTRACT NO. 63166			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		



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USER NAME = jst+zejko
 PLOT SCALE = 10'H=5'V
 PLOT DATE = 4/1/2009

DESIGNED - JJS
 DRAWN - JJS
 CHECKED - JLP
 DATE - 4/1/09

REVISED -
 REVISED -
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 REVISED -

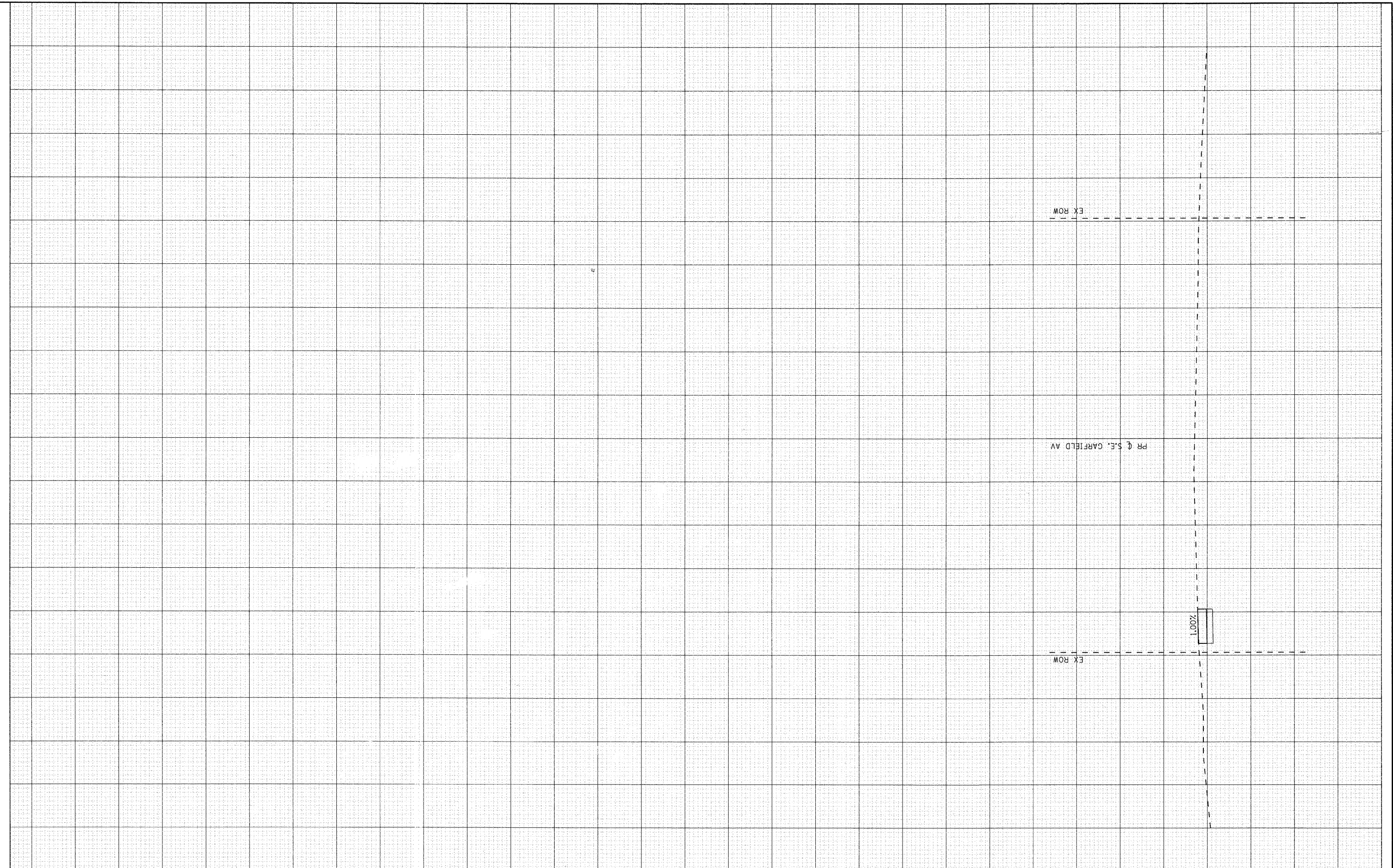
VILLAGE OF MUNDELEIN

PROPOSED CROSS SECTIONS - S.E. GARFIELD AVE
 SCALE: 10'H=5'V SHEET NO. 2 OF 19 SHEETS STA. 30+00.00 TO STA. 31+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	20
			CONTRACT NO. 63166	
[ILLINOIS] FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		



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USER NAME = jstrzalko	DESIGNED - JJS	REVISOR -
PLOT SCALE = 10'H=5'V	DRAWN - JJS	REVISOR -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISOR -
	DATE - 4/1/09	REVISOR -

VILLAGE OF MUNDELEIN

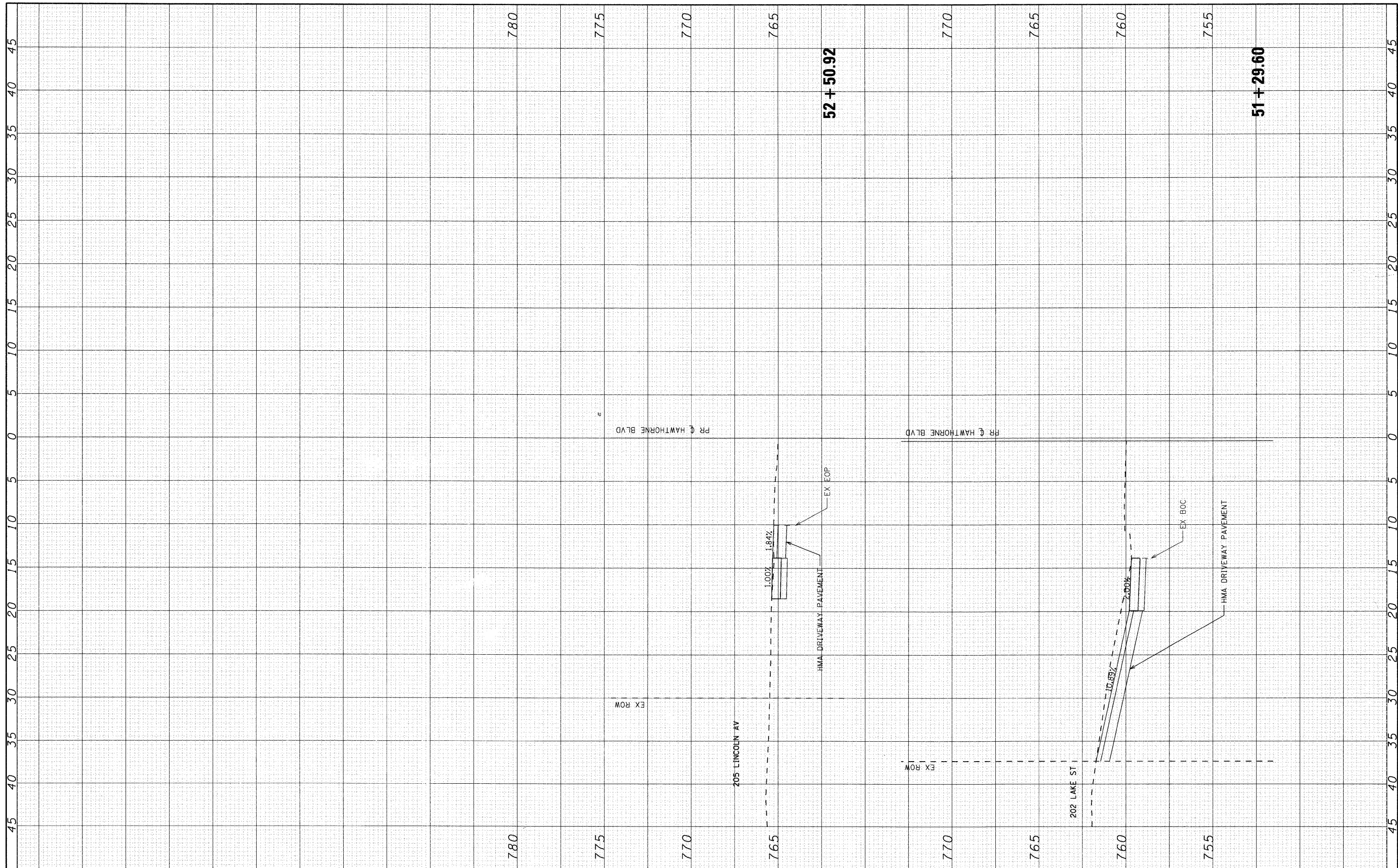
PROPOSED CROSS SECTIONS - S.E. GARFIELD AVE

SCALE: 10'H=5'V SHEET NO. 3 OF 19 SHEETS STA. 32+00.00 TO STA. 32+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	21
CONTRACT NO. 63166			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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USER NAME = jstrzelko
 PLOT SCALE = 10'H=5'V
 PLOT DATE = 4/1/2009

DESIGNED - JJS
 DRAWN - JJS
 CHECKED - JLP
 DATE - 4/1/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

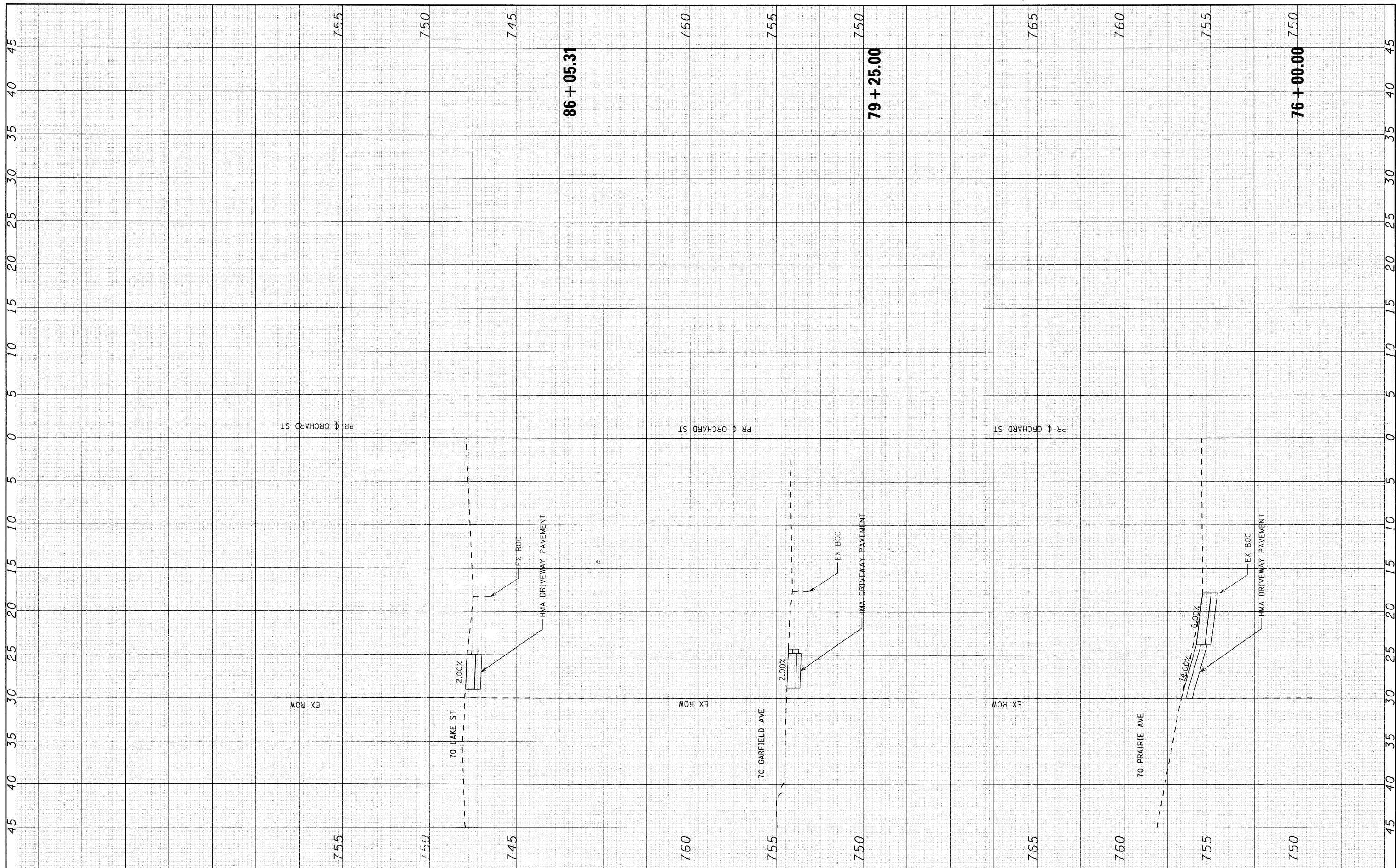
VILLAGE OF MUNDELEIN

PROPOSED CROSS SECTIONS - HAWTHORNE BLVD
 SCALE: 10'H=5'V SHEET NO. 4 OF 19 SHEETS STA. 51+29.60 TO STA. 52+50.92

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	22
			CONTRACT NO.	63166
[ILLINOIS] FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



USER NAME = jstrzelka	DESIGNED - JJS
	DRAWN - JJS
PLOT SCALE = 10'H=5'V	CHECKED - JLP
PLOT DATE = 4/1/2009	DATE - 4/1/09

REVISED -
REVISED -
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REVISED -

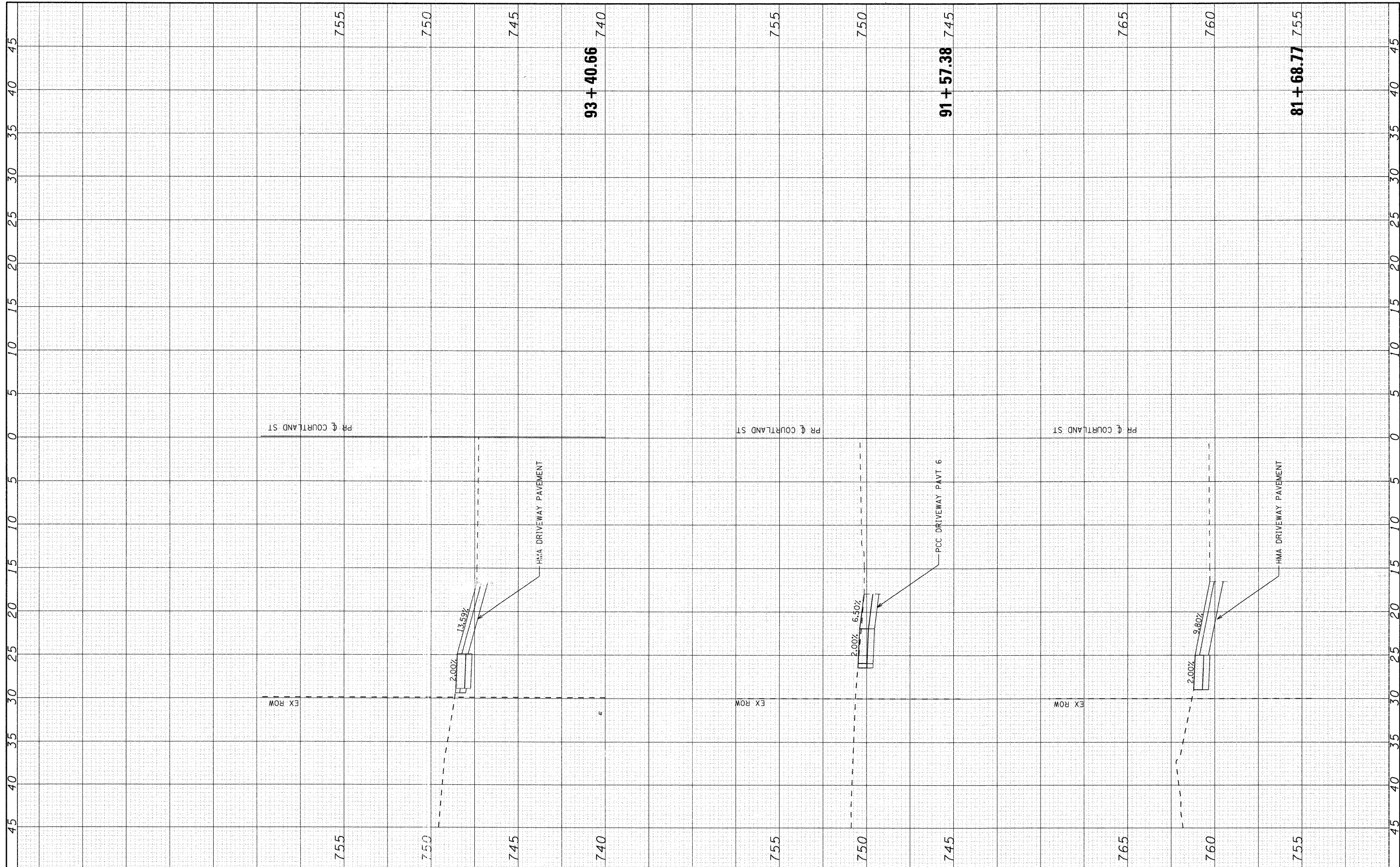
VILLAGE OF MUNDELEIN

PROPOSED CROSS SECTIONS - ORCHARD ST			
SCALE: 10'H=5'V	SHEET NO. 5 OF 19 SHEETS	STA. 76+00.00	TO STA. 86+05.31

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	23
			CONTRACT NO. 63166	
			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE



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USER NAME = jstzalka	DESIGNED - JJS	REVISED -
PLOT SCALE = 10'H:5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

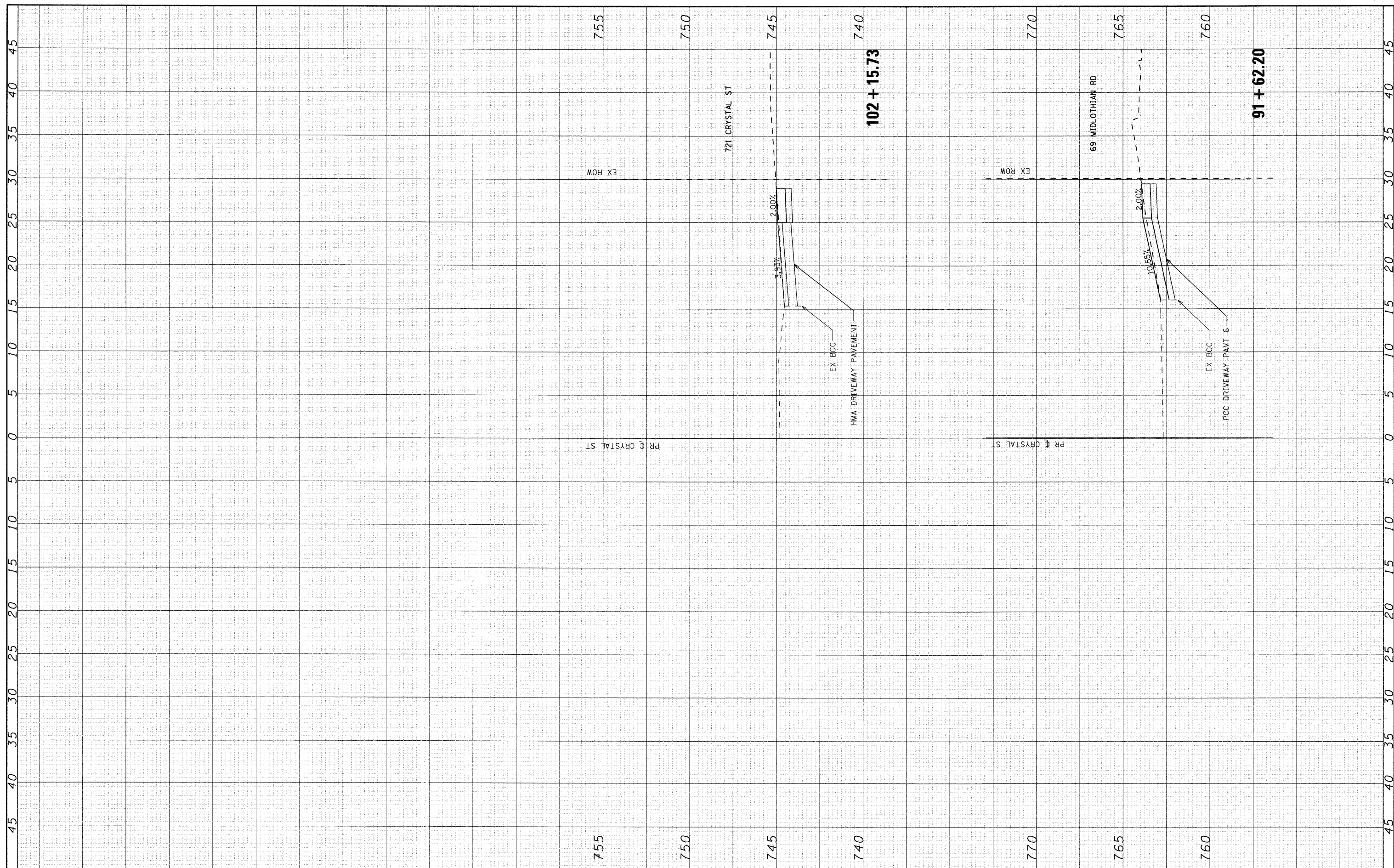
VILLAGE OF MUNDELEIN

PROPOSED CROSS SECTIONS - COURTLAND ST	
SCALE: 10'H:5'V	SHEET NO. 6 OF 19 SHEETS
STA. 81+68.77	TO STA. 93+40.66

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	24
			CONTRACT NO. 63166	
			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		



USER NAME = jstrzelko	DESIGNED - JJS	REVISED -
PLOT SCALE = 10'H=5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

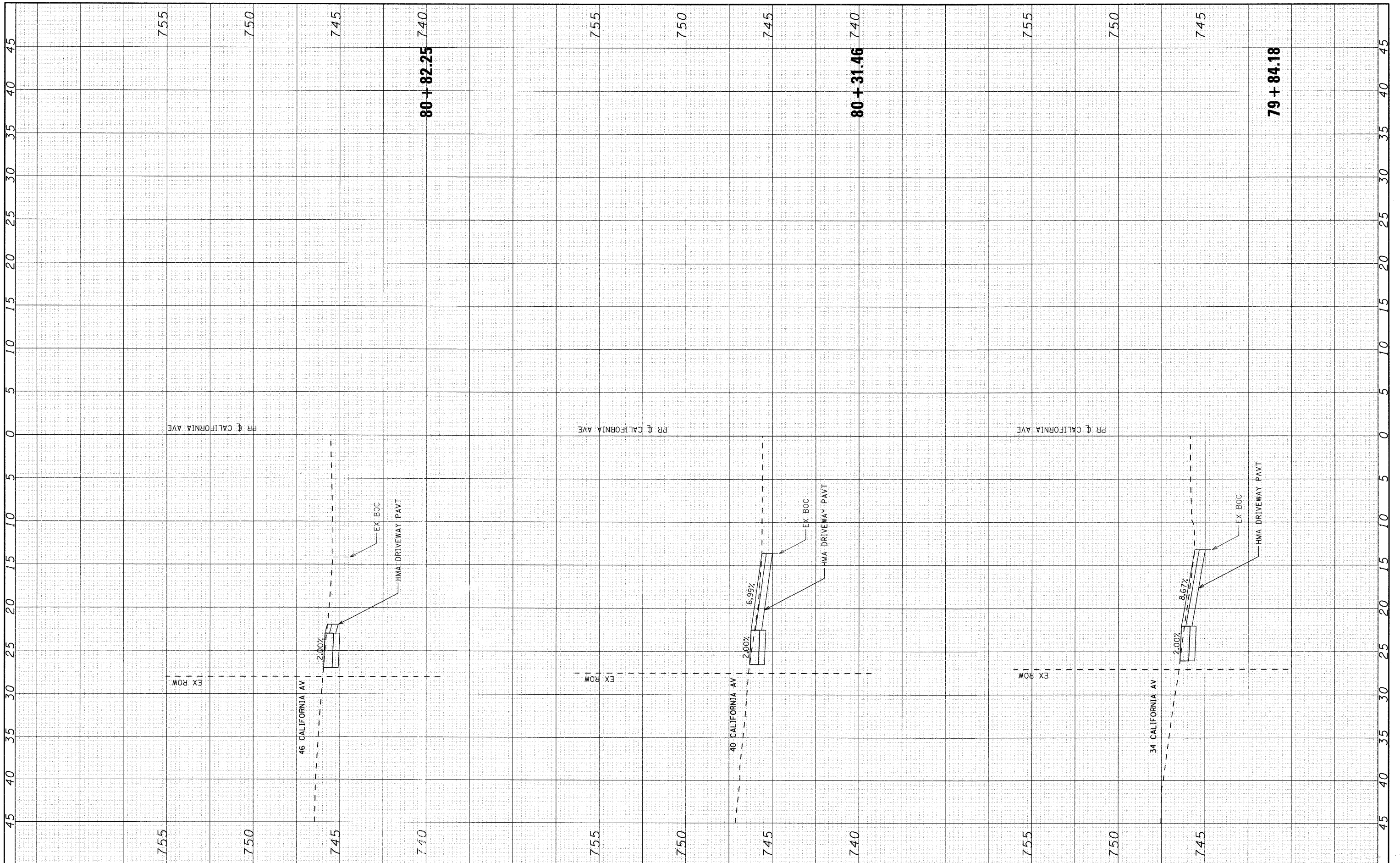
PROPOSED CROSS SECTIONS - CRYSTAL ST

SCALE: 10'H=5'V SHEET NO. 7 OF 19 SHEETS STA. 91+62.20 TO STA. 102+15.73

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	25
			CONTRACT NO. 63166	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	



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USER NAME = jstrzeiko	DESIGNED - JJS	REVISED -
PLOT SCALE = 10'/H5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

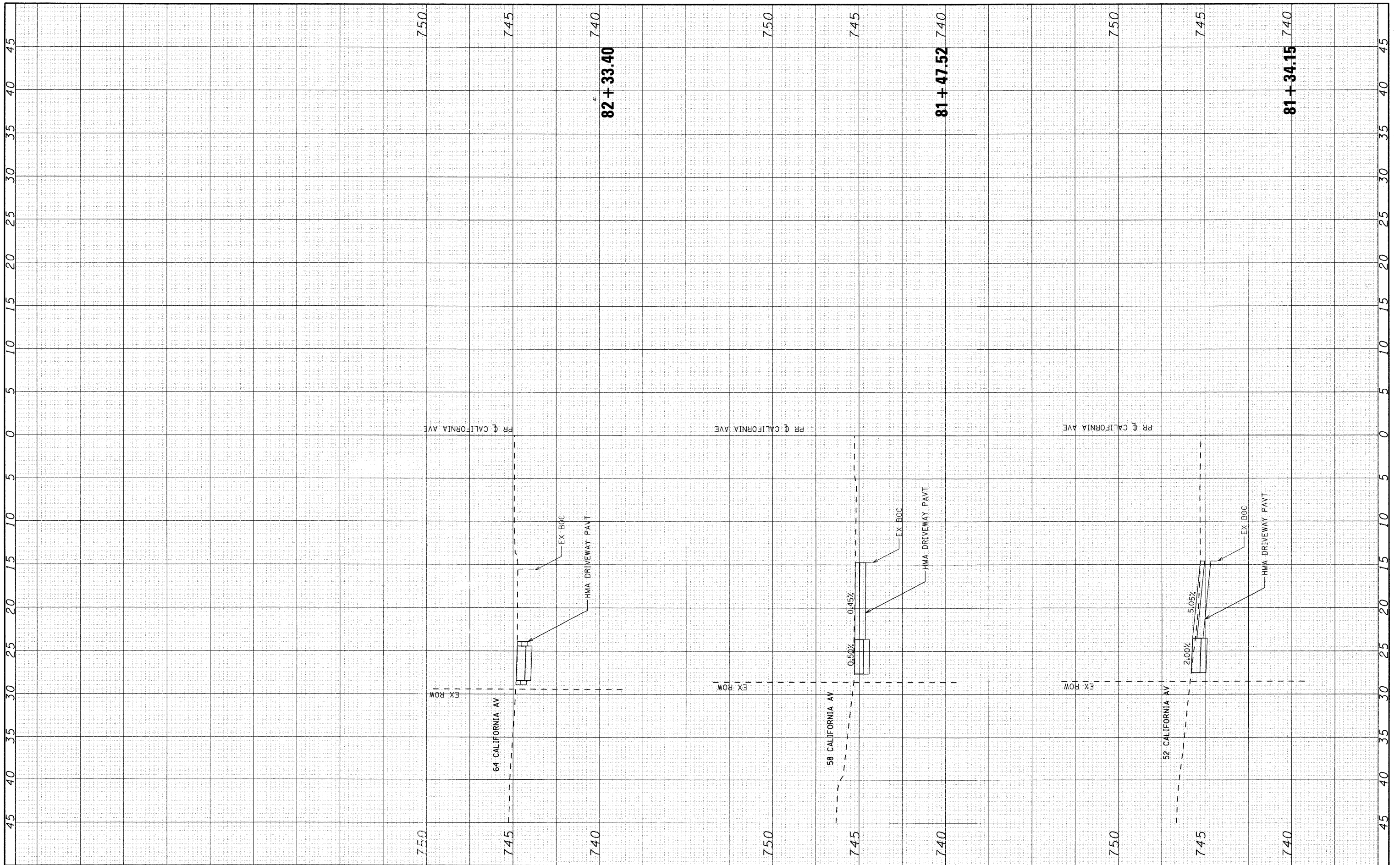
VILLAGE OF MUNDELEIN

PROPOSED CROSS SECTIONS - CALIFORNIA AVE
 SCALE: 10'/H5'V SHEET NO. 8 OF 19 SHEETS STA. 79+84.18 TO STA. 80+82.25

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	26
			CONTRACT NO. 63166	
[ILLINOIS] FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



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USER NAME = jstrzelke
DESIGNED - JJS
DRAWN - JJS
CHECKED - JLP
DATE - 4/1/09
PLOT SCALE = 10'H/5'V
PLOT DATE = 4/1/2009

REVISED -
REVISED -
REVISED -
REVISED -

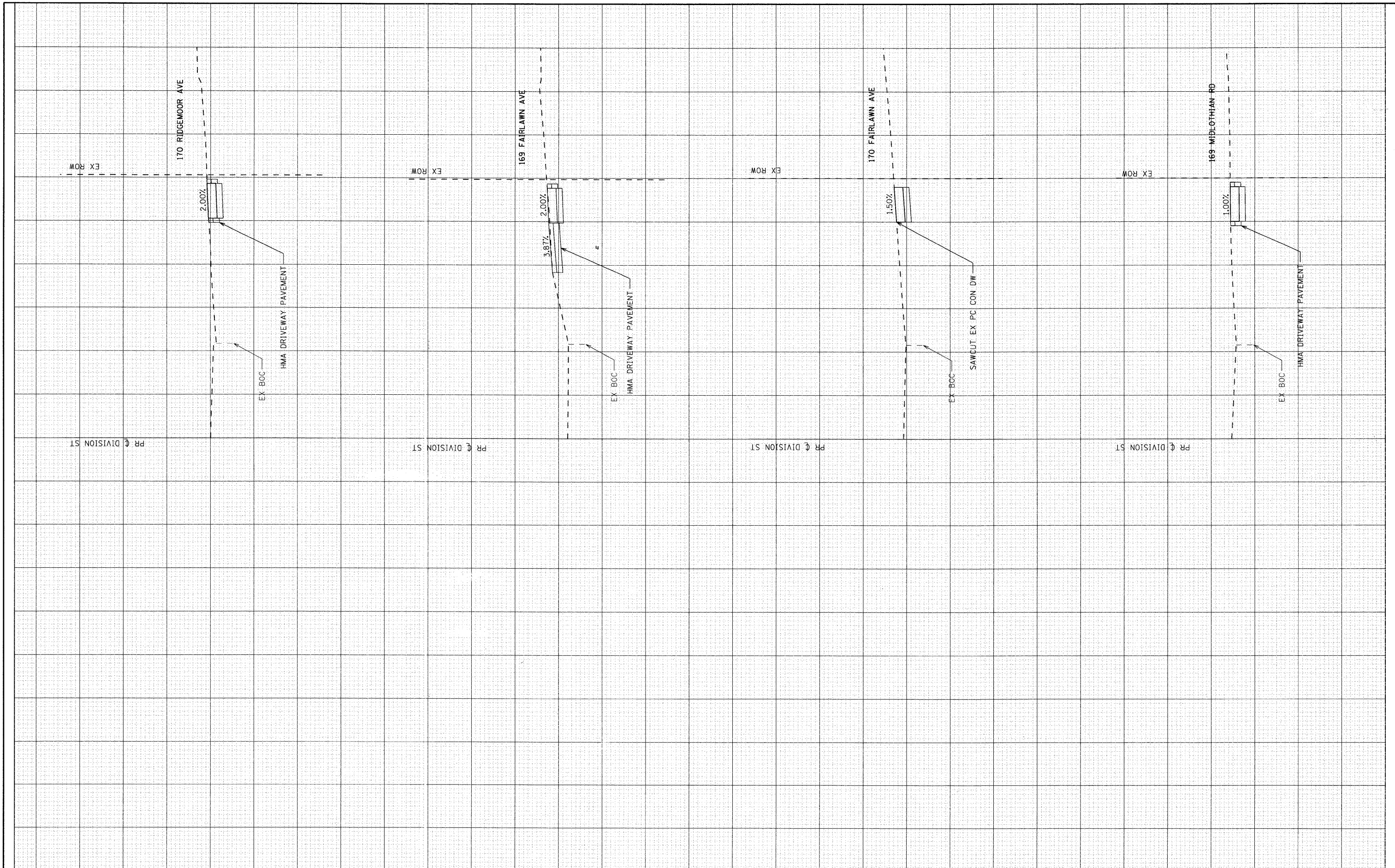
VILLAGE OF MUNDELEIN

PROPOSED CROSS SECTIONS - CALIFORNIA AVE			
SCALE: 10'H/5'V	SHEET NO. 9 OF 19 SHEETS	STA. 81+34.15 TO STA. 82+33.40	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	27
CONTRACT NO. 63166				ILLINOIS FED. AID PROJECT

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS	
	CHECKED	



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USER NAME = jstrzelka	DESIGNED - JJS	REVISED -
PLOT SCALE = 10'H=5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

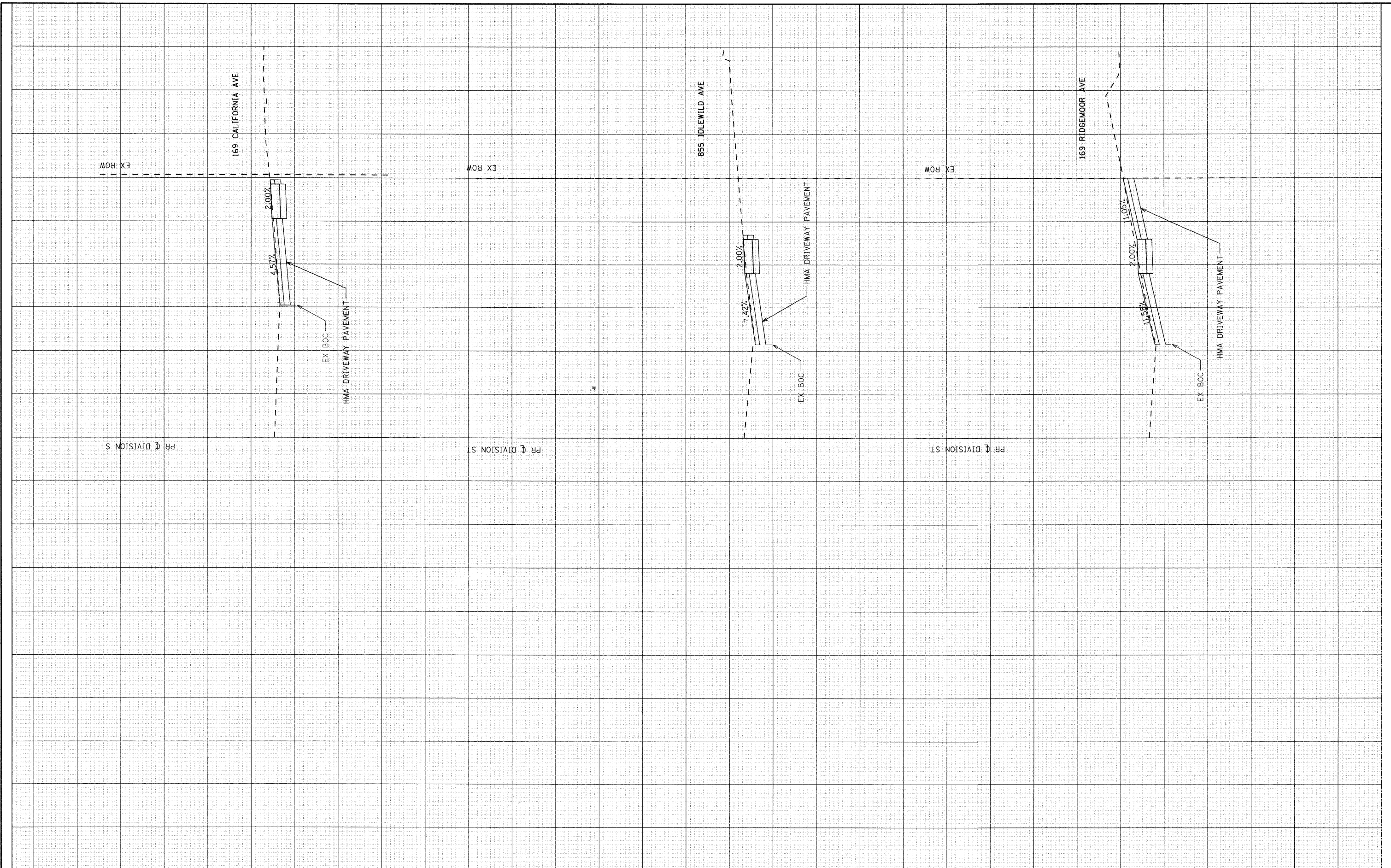
PROPOSED CROSS SECTIONS - DIVISION ST

SCALE: 10'H=5'V | SHEET NO. 10 OF 19 SHEETS | STA. 100+90.84 TO STA. 105+30.69

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	28
			CONTRACT NO. 63166	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



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USER NAME = jstrzelka	DESIGNED - JJS	REVISED -
PLOT SCALE = 18"=H5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

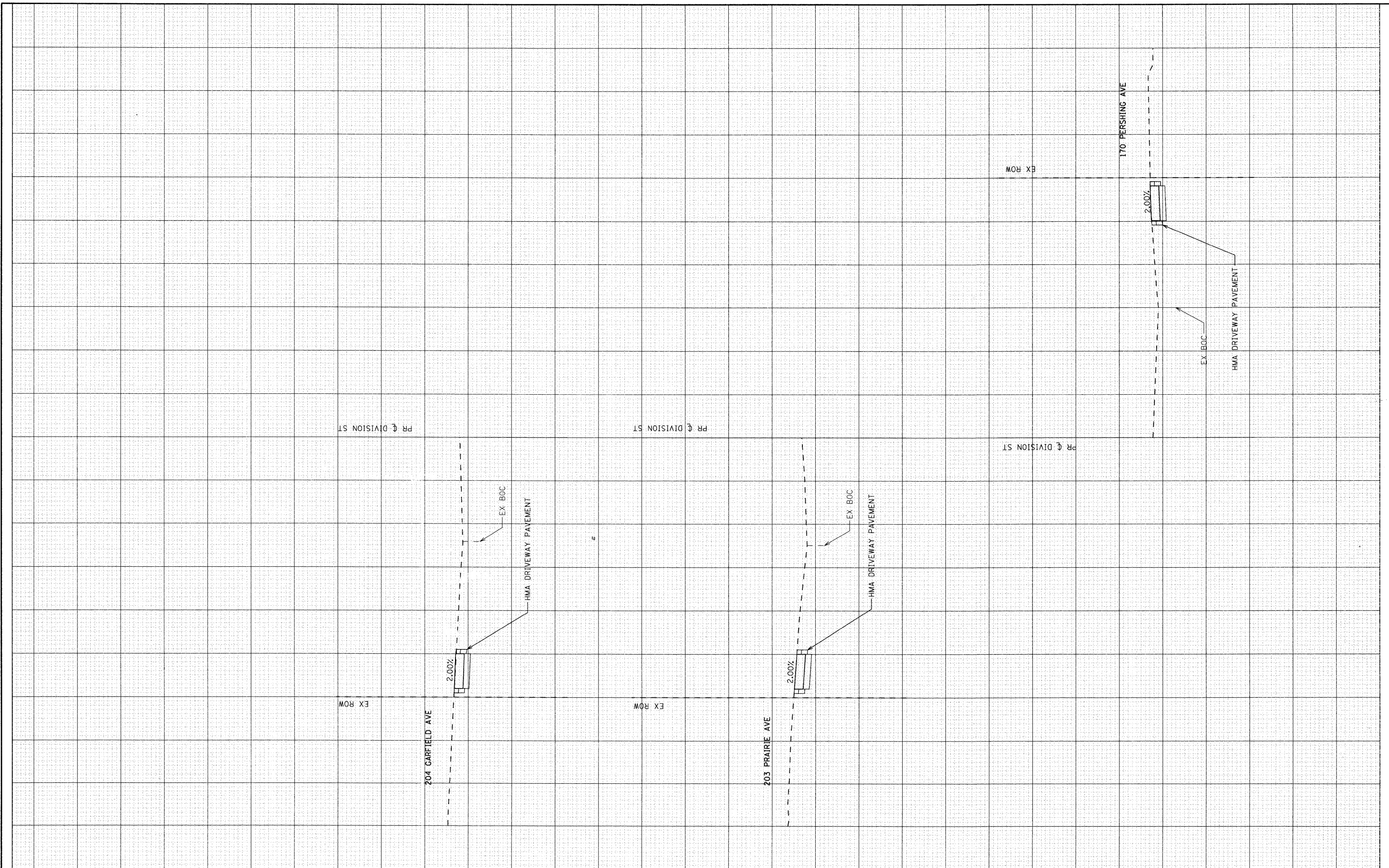
PROPOSED CROSS SECTIONS - DIVISION ST

SCALE: 10'H:5'V SHEET NO. 11 OF 19 SHEETS STA. 108+18.34 TO STA. 114+52.48

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	29
			CONTRACT NO. 63166	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
NO.	
TEMPLATES	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
NO.	
TEMPLATES	
AREAS CHECKED	



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USER NAME = jstrzelko	DESIGNED - JJS	REVISED -
PLOT SCALE = 10'H:5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

DESIGNED - JJS	REVISED -
DRAWN - JJS	REVISED -
CHECKED - JLP	REVISED -
DATE - 4/1/09	REVISED -

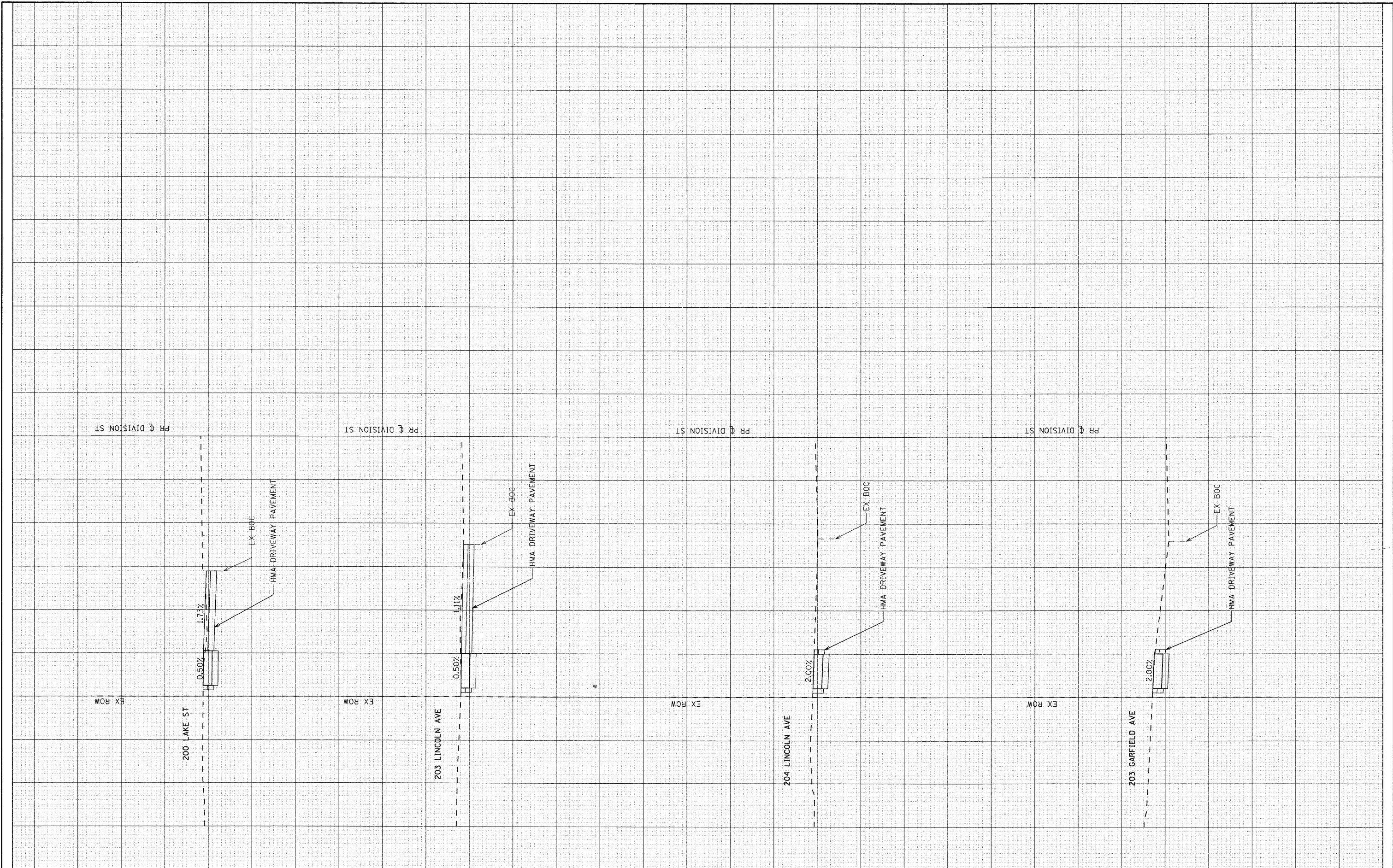
VILLAGE OF MUNDELEIN

PROPOSED CROSS SECTIONS - DIVISION ST			
SCALE: 10'H:5'V	SHEET NO. 12 OF 19 SHEETS	STA. 116+25.00	TO STA. 131+26.79

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	30
			CONTRACT NO. 63166	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



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USER NAME = jstrzelko	DESIGNED - JJS	REVISED -
PLOT SCALE = 10'H=5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

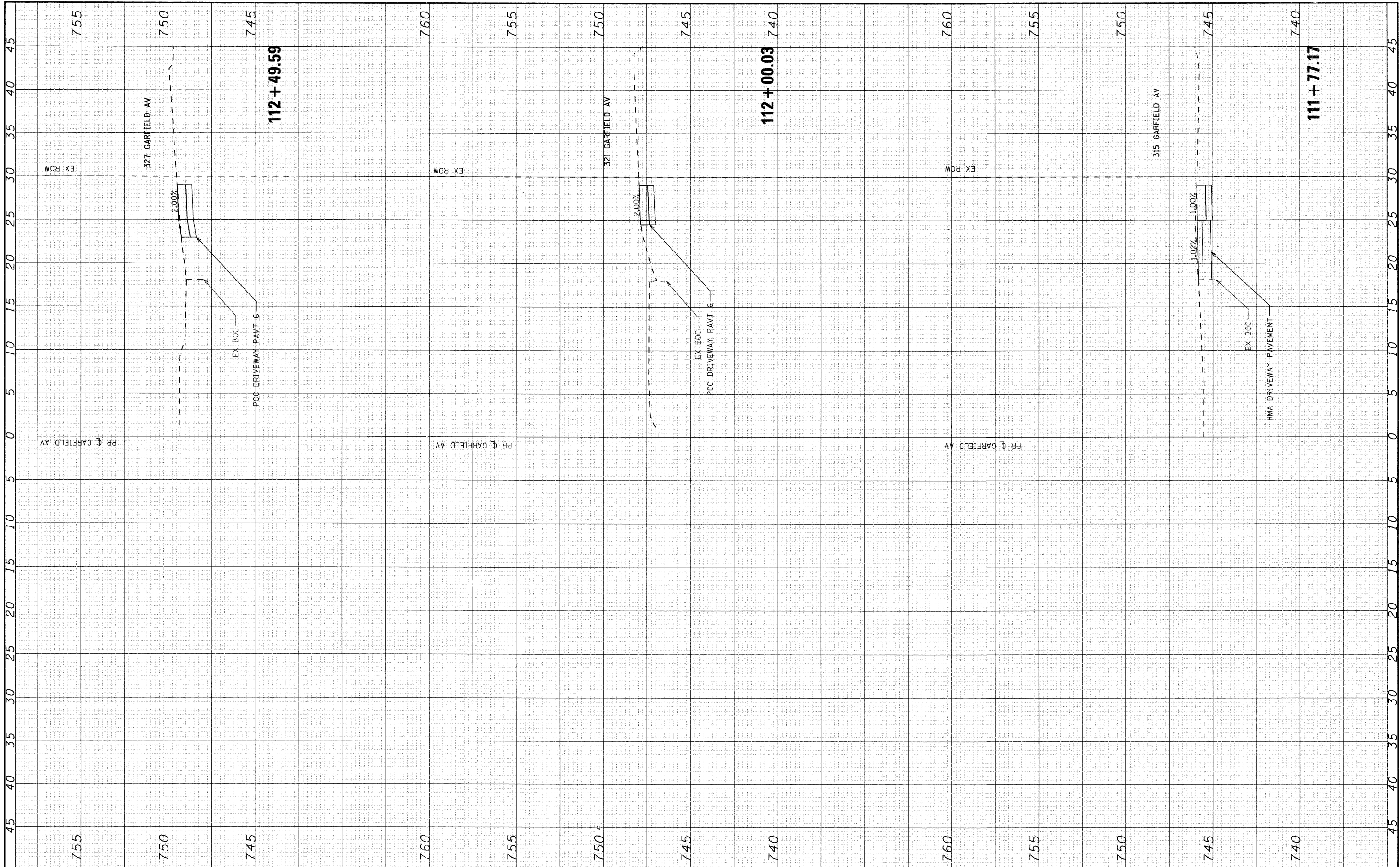
PROPOSED CROSS SECTIONS - DIVISION ST

SCALE: 10'H=5'V SHEET NO. 13 OF 19 SHEETS STA. 133+37.63 TO STA. 138+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	31
			CONTRACT NO. 63166	
ILLINOIS FED. AID PROJECT				

FINISH	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

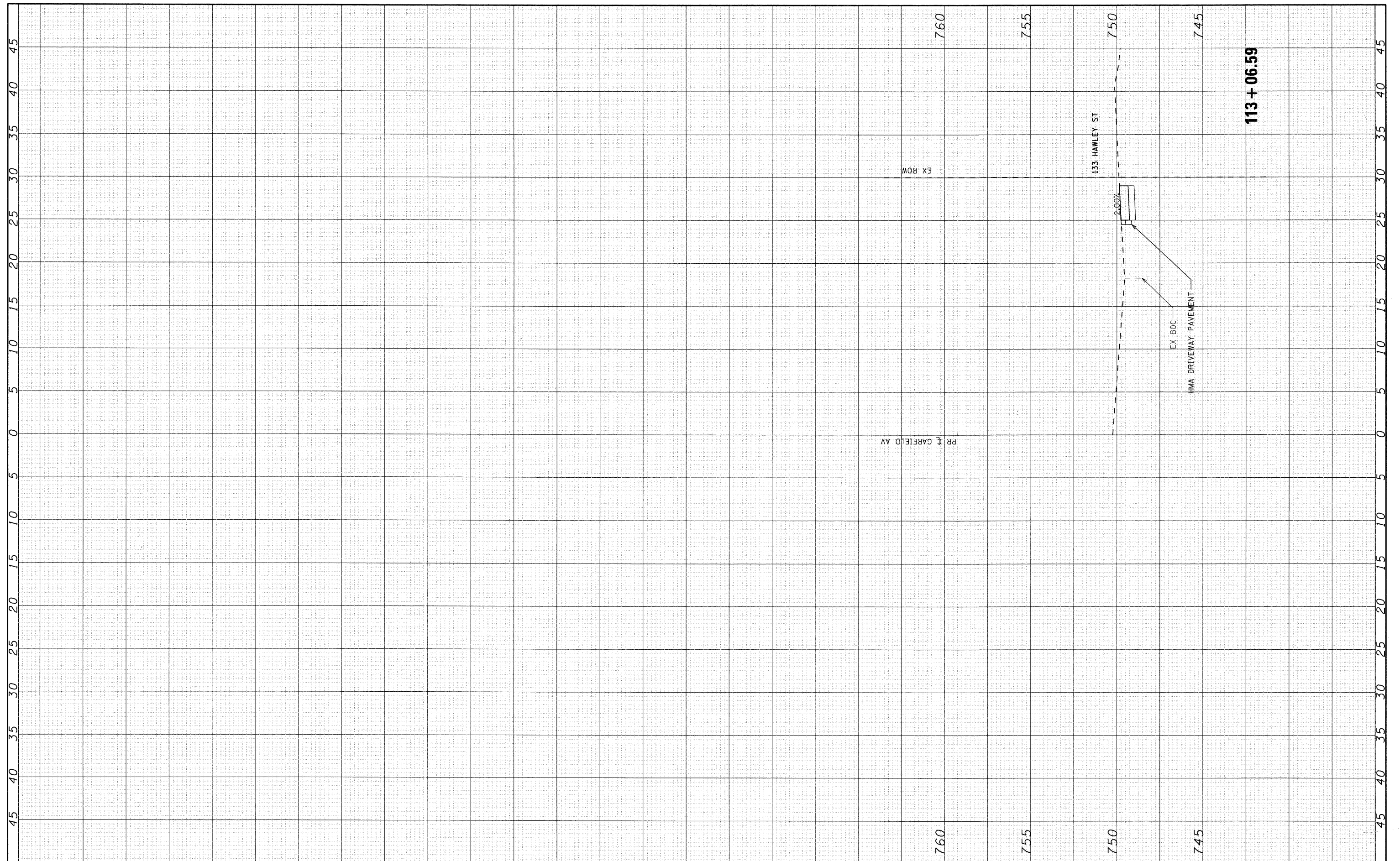
ORIGINAL	SURVEYED	BY	DATE
SURVEY	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



<p>SEC Group, Inc. Engineering Surveying Planning Landscape Architecture Illinois • Texas • Georgia www.secgroupinc.com</p>	USER NAME = jstrzelka	DESIGNED - JJS	REVISED -	VILLAGE OF MUNDELEIN	PROPOSED CROSS SECTIONS - GARFIELD AVE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10'H:5'V	DRAWN - JJS	REVISED -		08-00086-00-SW	LAKE	40	32					
	PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -		SCALE: 10'H:5'V SHEET NO. 14 OF 19 SHEETS STA. 111+77.17 TO STA. 112+49.59				CONTRACT NO. 63166				
	DATE - 4/1/09	DATE - 4/1/09	REVISED -		ILLINOIS FED. AID PROJECT								

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



USER NAME = jstrzeika	DESIGNED - JJS	REVISED -
PLOT SCALE = 10'H=5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

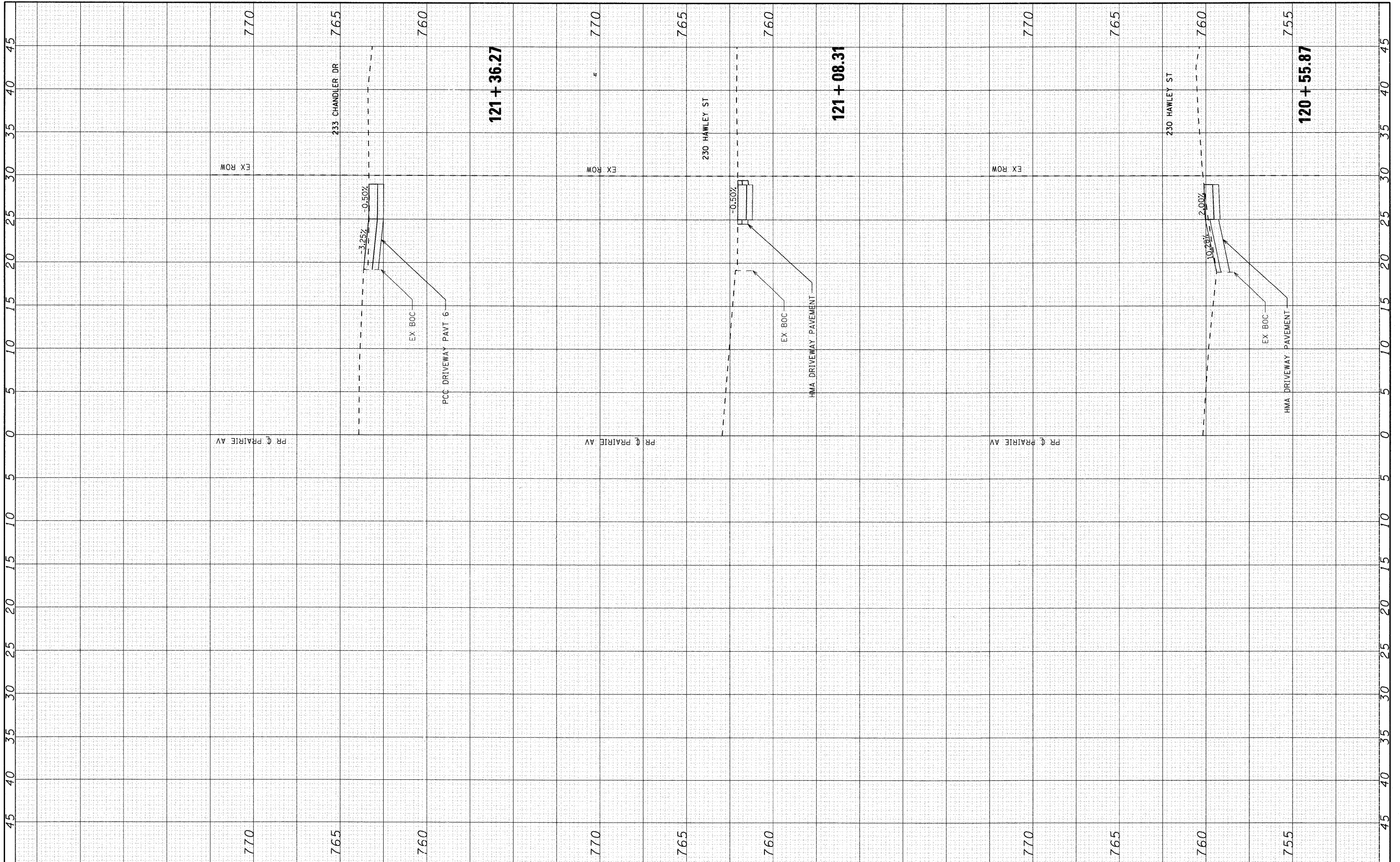
PROPOSED CROSS SECTIONS - GARFIELD AVE

SCALE: 10'H=5'V SHEET NO. 15 OF 19 SHEETS STA. 113+06.59 TO STA. 113+06.59

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	33
			CONTRACT NO. 63166	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



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PLOT SCALE = 10'H=5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

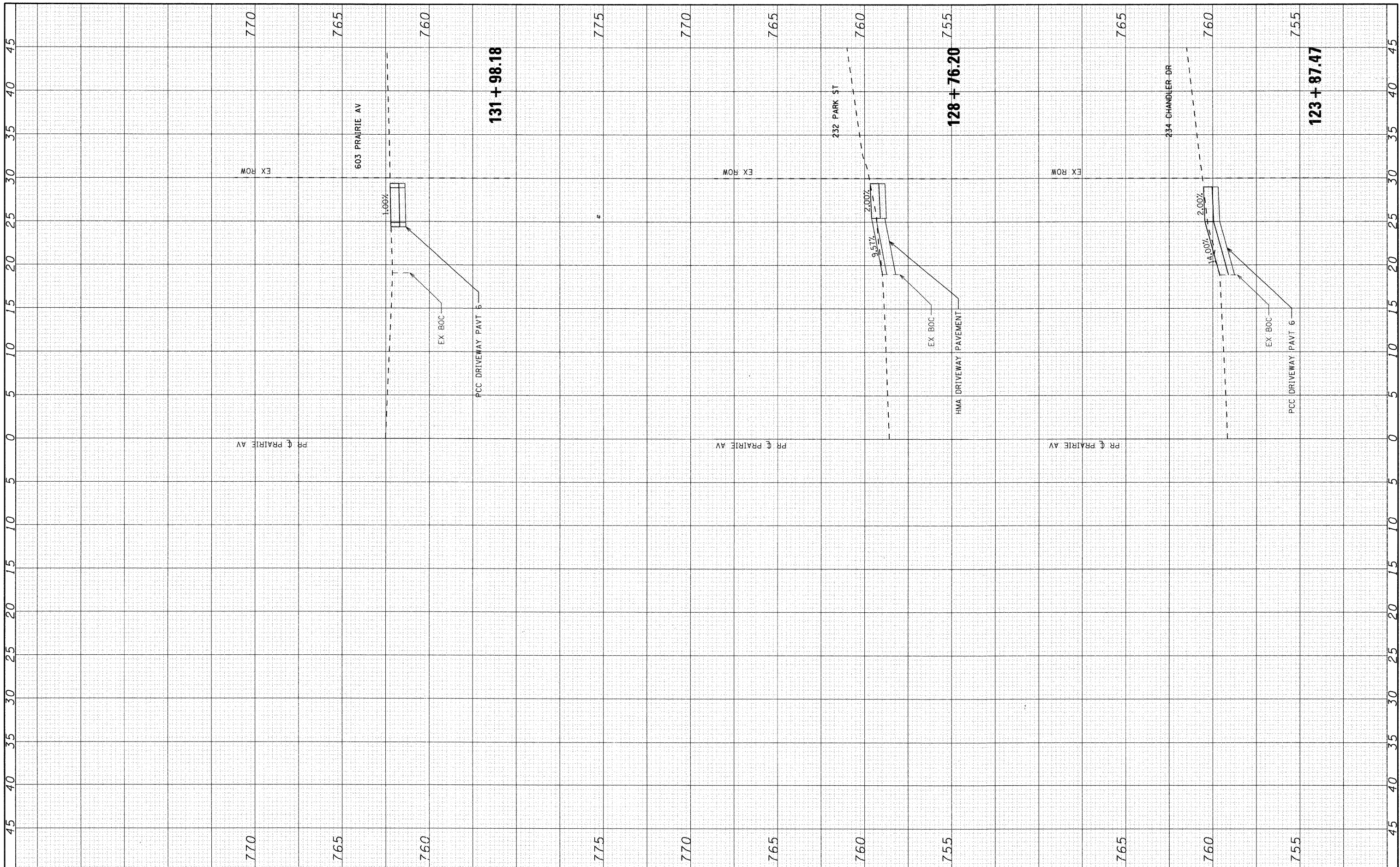
PROPOSED CROSS SECTIONS - PRAIRIE AVE

SCALE: 10'H=5'V SHEET NO. 16 OF 19 SHEETS STA. 120+55.87 TO STA. 121+36.27

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	34
			CONTRACT NO. 63166	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NO.	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		



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USER NAME = jstrzolka	DESIGNED - JJS	REVISED -
PLOT SCALE = 10'H=5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

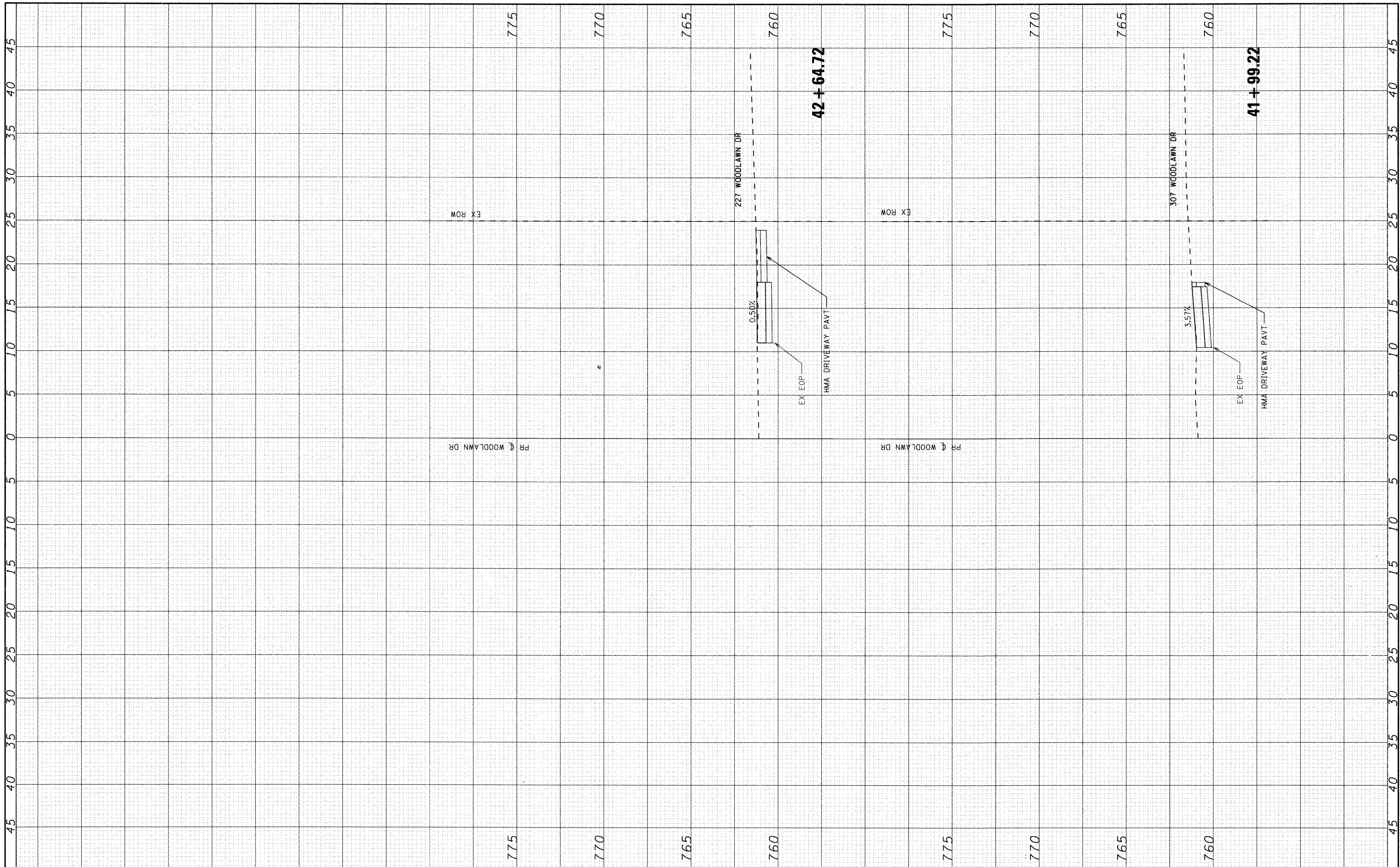
PROPOSED CROSS SECTIONS - PRAIRIE AVE

SCALE: 10'H=5'V SHEET NO. 17 OF 19 SHEETS STA. 123+87.47 TO STA. 131+98.18

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	35
CONTRACT NO. 63166			ILLINOIS FED. AID PROJECT	

FINL	SURVEYED	BY	DATE
SHEET	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		

ORIGINAL	SURVEYED	BY	DATE
SHEET	PLOTTED		
NOTE BOOK	TEMPLATE		
NO.	AREAS CHECKED		



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PLOT SCALE = 10'H=5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

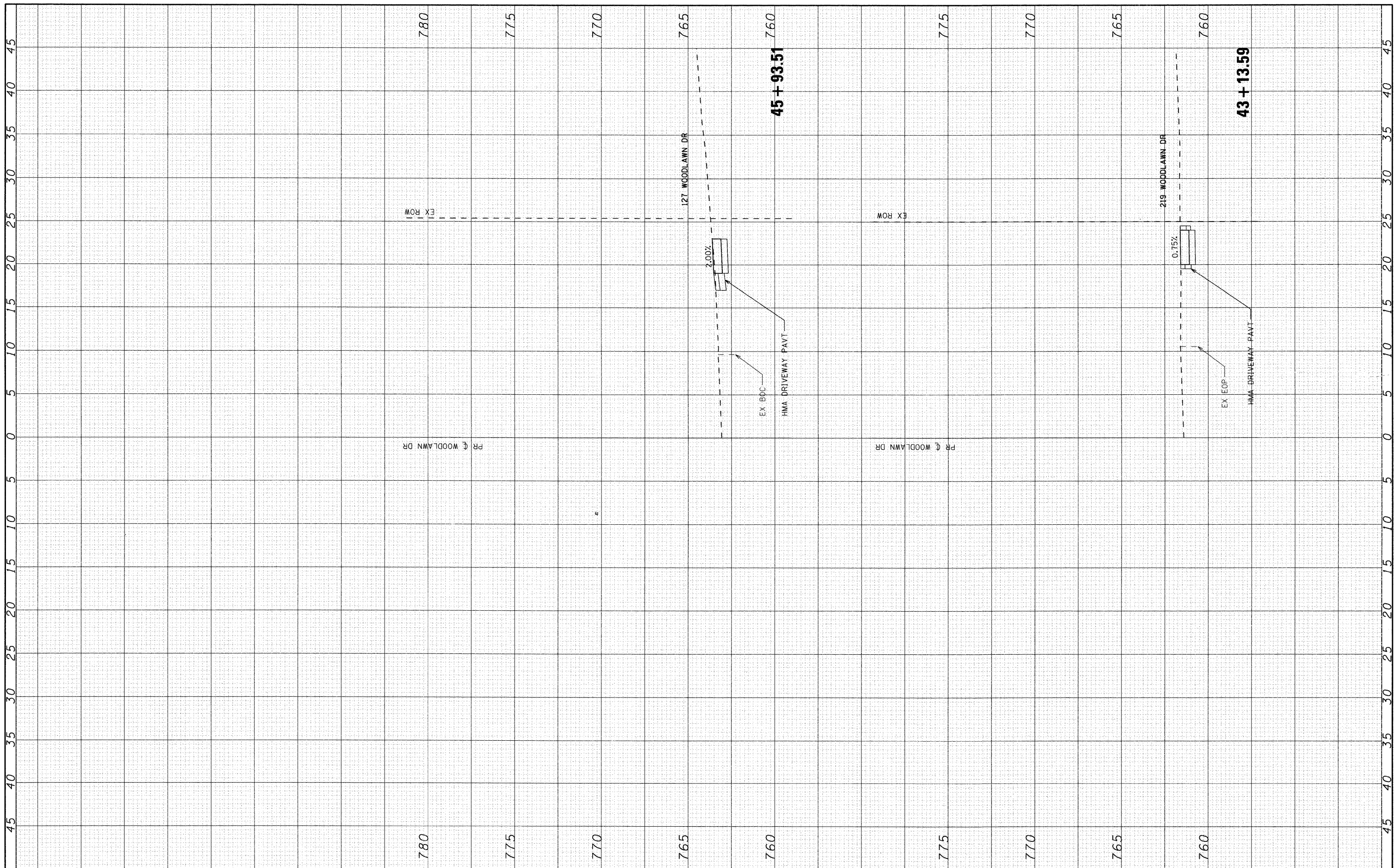
PROPOSED CROSS SECTIONS - WOODLAWN DR

SCALE: 10'H=5'V SHEET NO. 18 OF 19 SHEETS STA. 41+99.22 TO STA. 42+64.72

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	36
				CONTRACT NO. 63166
<small>ILLINOIS FED. AID PROJECT</small>				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		



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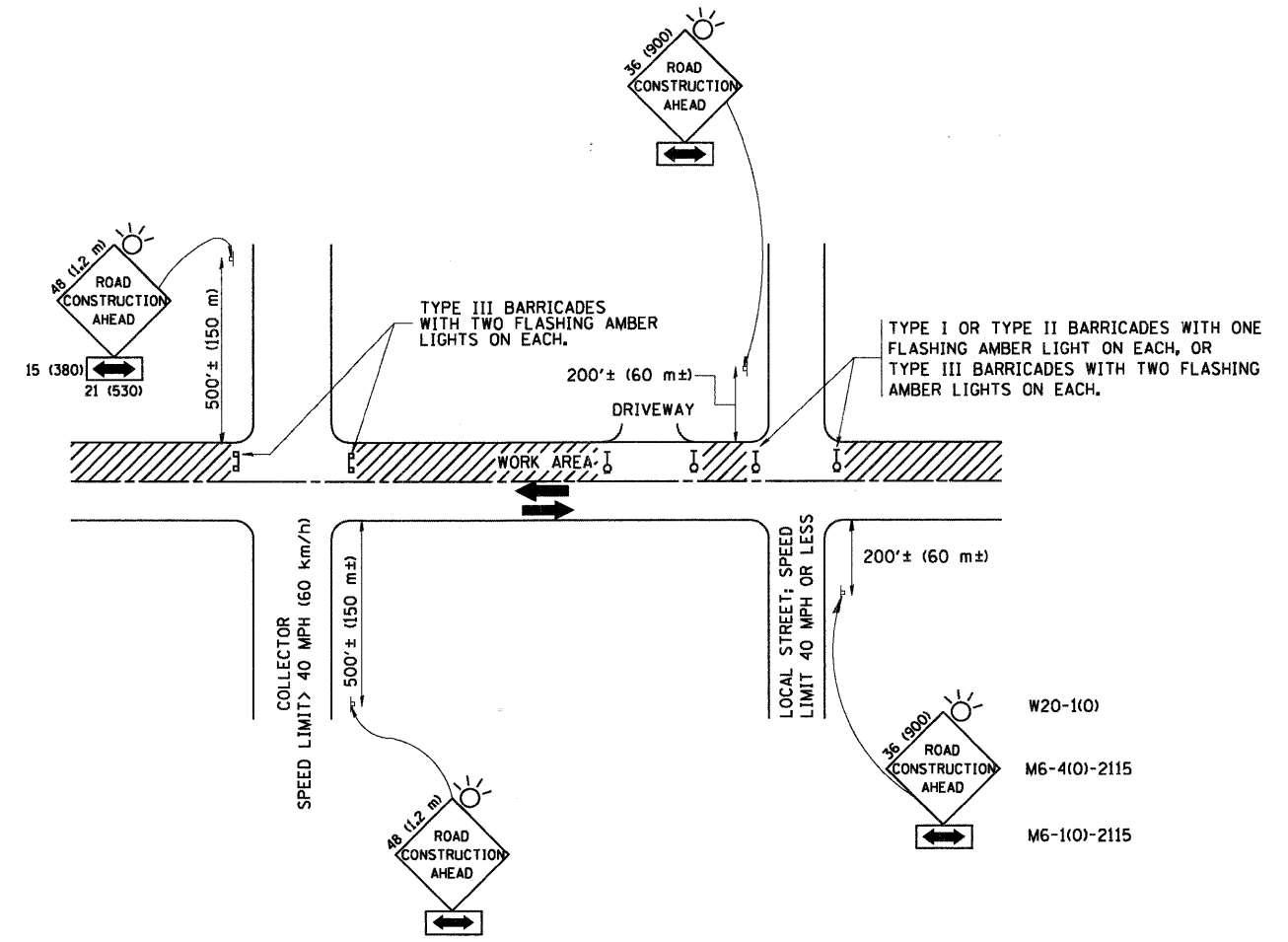
USER NAME = jst-zalko	DESIGNED - JJS	REVISED -
PLOT SCALE = 10'H=5'V	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

PROPOSED CROSS SECTIONS - WOODLAWN DR

SCALE: 10'H=5'V SHEET NO. 19 OF 19 SHEETS STA. 43+13.59 TO STA. 45+93.51

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	37
			CONTRACT NO.	63166
ILLINOIS FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 - 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) 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.
 - 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) 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 INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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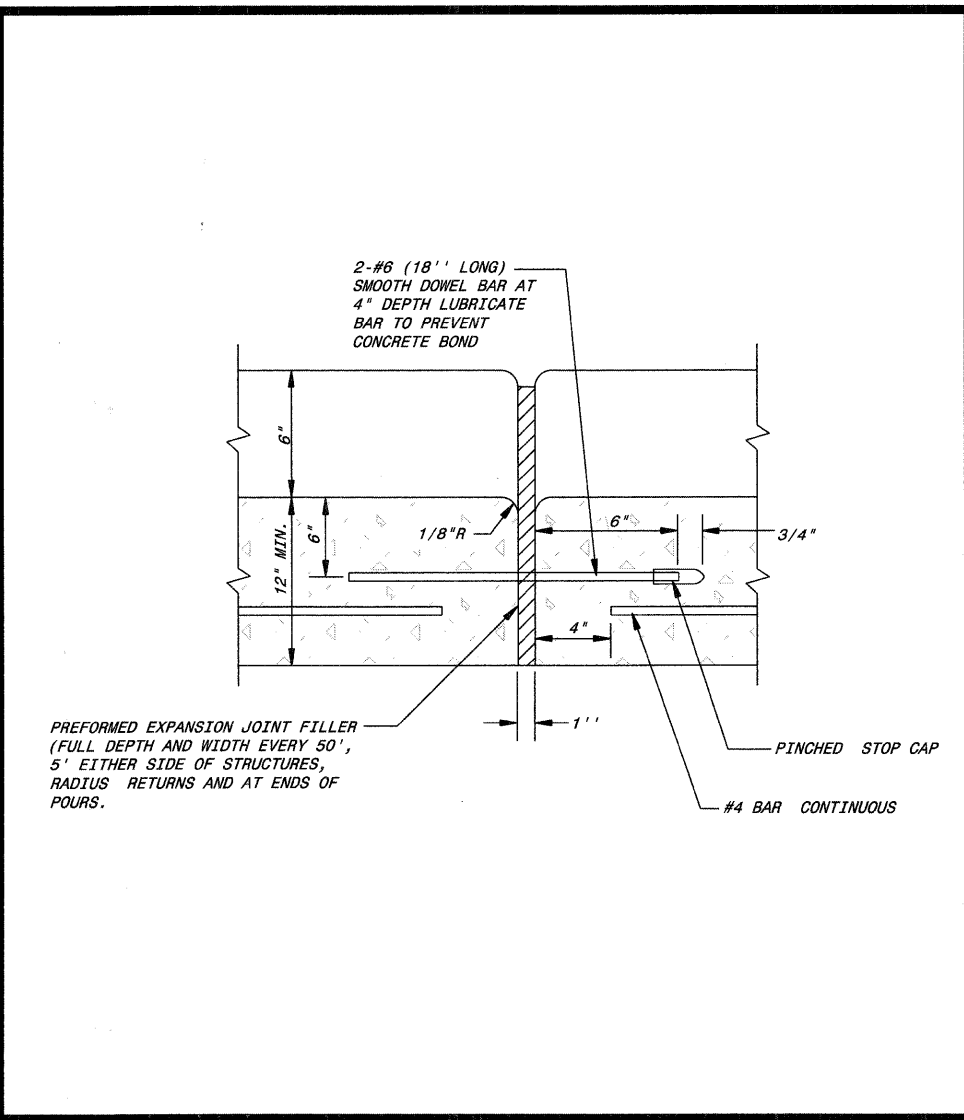
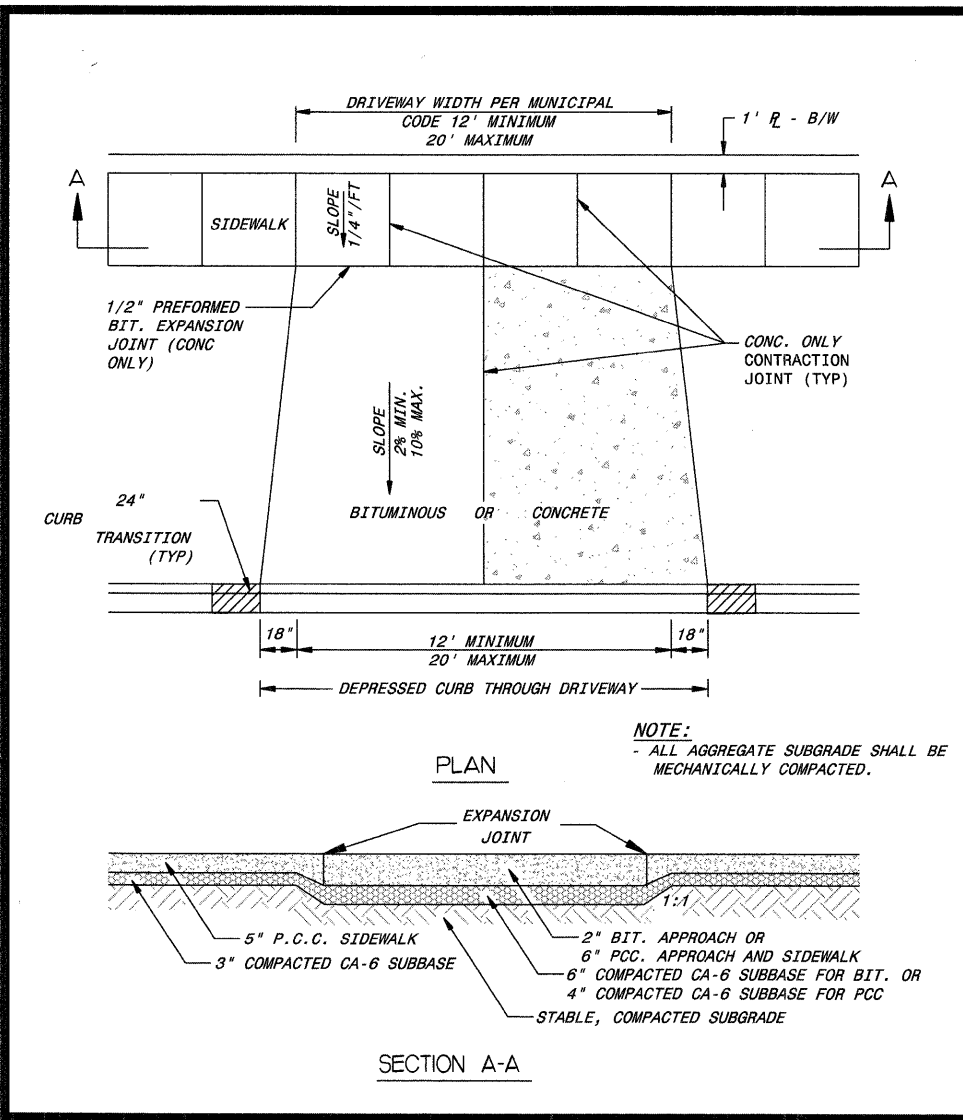
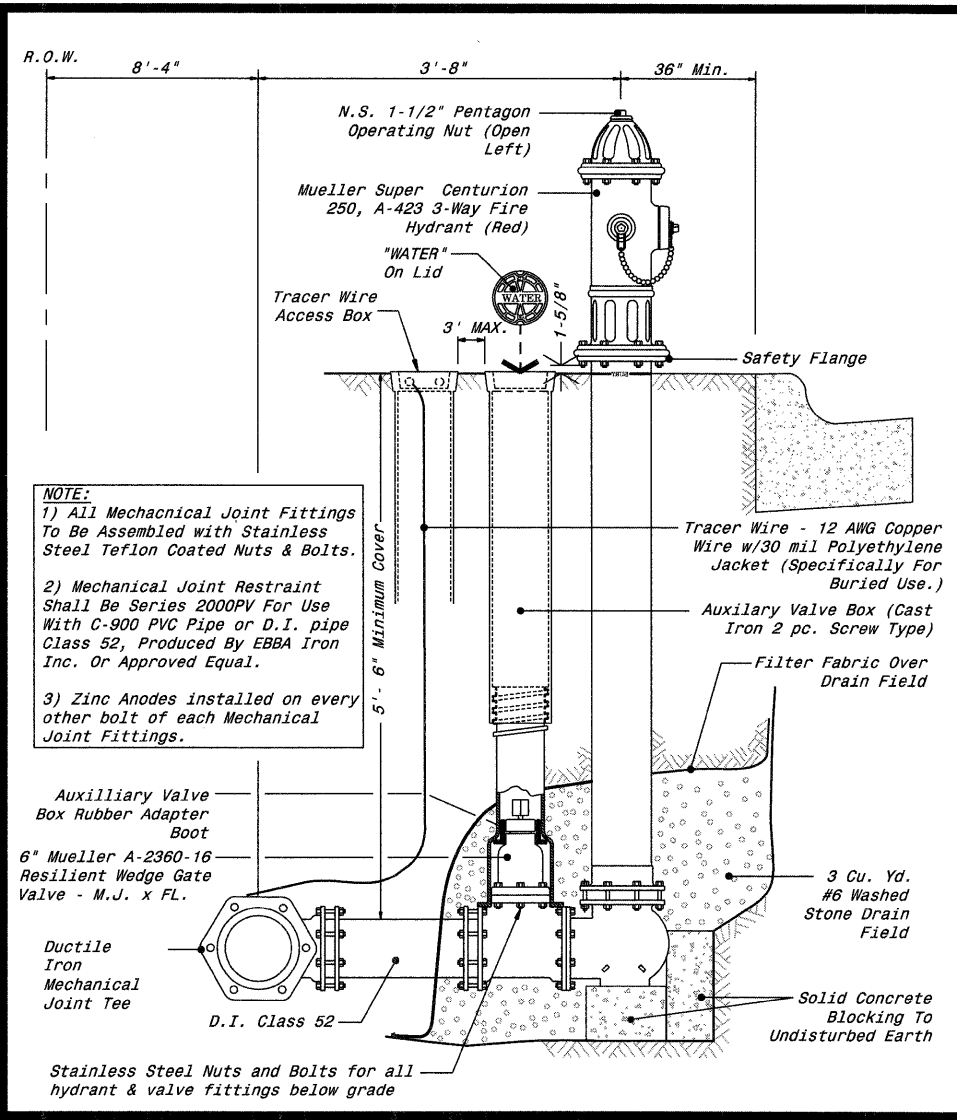
USER NAME = jstrzalko	DESIGNED - JJS	REVISED -
PLOT SCALE = 1:1	DRAWN - JJS	REVISED -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISED -
	DATE - 4/1/09	REVISED -

VILLAGE OF MUNDELEIN

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

SCALE: 1:1 SHEET NO. 1 OF 3 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	38
CONTRACT NO. 63166				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



VILLAGE OF MUNDELEIN CONSTRUCTION DETAILS

REV.	BY	DATE	REVISION
1	JMV	04-04-05	
2	JMV	04-20-05	

TYPICAL FIRE HYDRANT

DETAIL NO. W-1

REV.	BY	DATE	REVISION
1	JMV	04-04-05	
2	JMV	04-20-05	

VILLAGE OF MUNDELEIN CONSTRUCTION DETAILS

SINGLE-FAMILY RESIDENTIAL DRIVEWAY APPROACH

DETAIL NO. R-3

REV.	BY	DATE	REVISION
1	JMV	04-04-05	
2	JMV	04-20-05	

VILLAGE OF MUNDELEIN CONSTRUCTION DETAILS

CURB EXPANSION JOINT

DETAIL NO. R-13

REV.	BY	DATE	REVISION
1	JMV	04-04-05	
2	JMV	04-20-05	

VILLAGE OF MUNDELEIN CONSTRUCTION DETAILS

SINGLE-FAMILY RESIDENTIAL DRIVEWAY APPROACH

DETAIL NO. R-3

REV.	BY	DATE	REVISION
1	JMV	04-04-05	
2	JMV	04-20-05	

VILLAGE OF MUNDELEIN CONSTRUCTION DETAILS

CURB EXPANSION JOINT

DETAIL NO. R-13

REV.	BY	DATE	REVISION
1	JMV	04-04-05	
2	JMV	04-20-05	



USER NAME = jst-zalko	DESIGNED - JJS	REVISOR -
PLOT SCALE = 1st	DRAWN - JJS	REVISION -
PLOT DATE = 4/1/2009	CHECKED - JLP	REVISION -
	DATE - 4/1/09	REVISION -

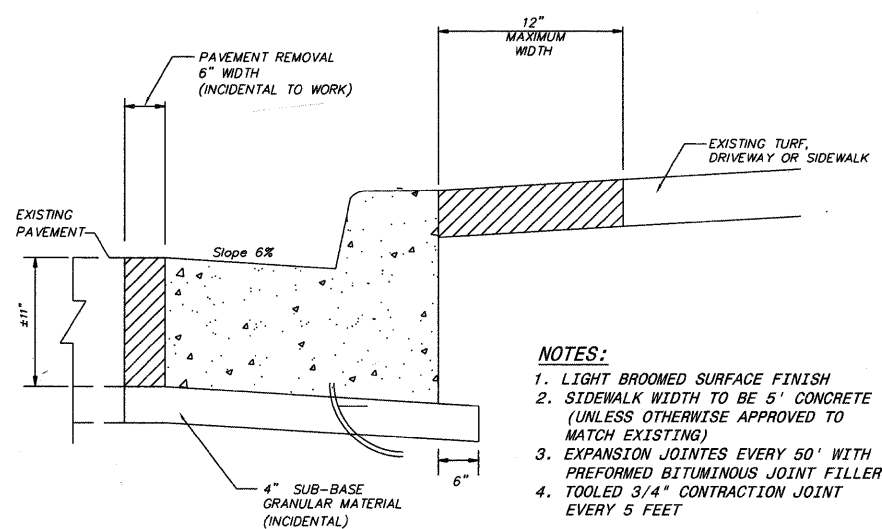
VILLAGE OF MUNDELEIN

SCALE: 1st	SHEET NO. 2 OF 3 SHEETS	STA. NA TO STA. NA
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	39
CONTRACT NO. 63166		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

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 4500 PRIDE PARKWAY SUITE 201
 INDUSTRY, ILLINOIS 60466
 TEL: 815-382-1700 FAX: 815-382-1701
 WWW.SMITHENGINEERING.COM
 ILLINOIS PROFESSIONAL DESIGN FIRM # 184-000108

**COMBINATION CONCRETE CURB AND GUTTER
 REMOVAL AND REPLACEMENT DETAIL**



- NOTES:**
1. LIGHT BROOMED SURFACE FINISH
 2. SIDEWALK WIDTH TO BE 5' CONCRETE (UNLESS OTHERWISE APPROVED TO MATCH EXISTING)
 3. EXPANSION JOINTS EVERY 50' WITH PREFORMED BITUMINOUS JOINT FILLER
 4. TOOLED 3/4" CONTRACTION JOINT EVERY 5 FEET

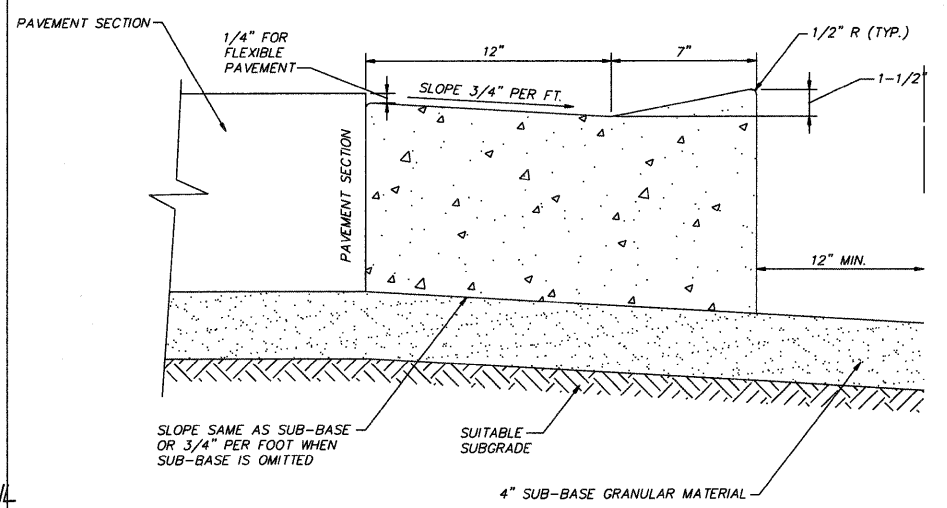
**VILLAGE OF MUNDELEIN
 ENGINEERING DETAILS
 SIDEWALK DETAIL**

THE COMBINATION CONCRETE CURB AND GUTTER AND ADJACENT SIDEWALKS AND/OR DRIVEWAYS TO BE REMOVED SHALL BE SAW CUT, REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COMBINATION CONCRETE CURB AND GUTTER SHALL BE REPLACED IN KIND, INCLUDING ANY AND ALL JOINTS, REINFORCEMENT, JOINT FILLERS AND SUBBASE GRANULAR REPAIR. THE REMOVAL AND REPLACEMENT OF ADJACENT SIDEWALKS AND DRIVEWAYS AND ADJUSTMENT OR REPLACEMENT OF DRAINAGE FRAMES AND GRATES SHALL BE PAID FOR SEPARATELY.

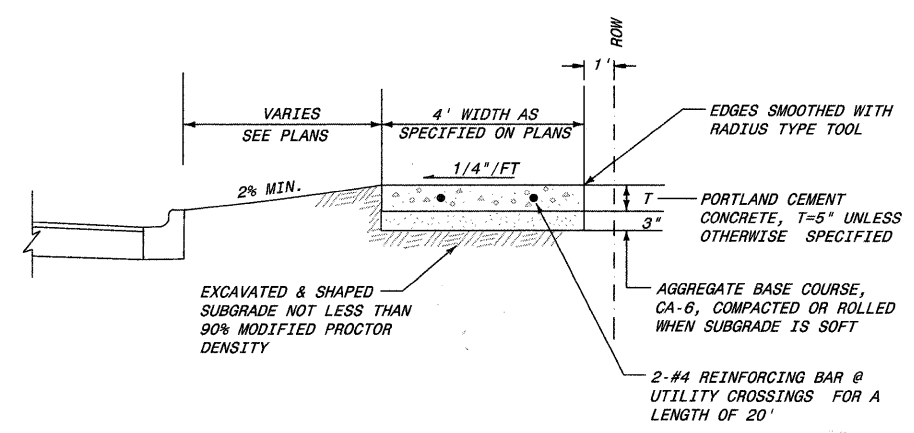
REMOVAL OF THE EXISTING PAVEMENT WILL BE REQUIRED IN ORDER TO INSTALL A FRONT FACE FORM. THE AREA BETWEEN THE EDGE OF THE EXISTING PAVEMENT AND THE FACE OF THE NEW GUTTER SHALL BE CLEANED OF ALL LOOSE MATERIAL AND FILLED WITH CLASS PV CONCRETE TO A MAXIMUM OF 6" WIDTH.

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

**DEPRESSED CURB FOR COMMERCIAL APPROACHES
 AND HANDICAPPED SIDEWALK AREAS**



- NOTES:**
- THE TOP OF CURBS SHALL BE DEPRESSED WHERE THE CURB AND GUTTER IS CONSTRUCTED ACROSS ALLEYS AND FOR PRIVATE DRIVES OR WHERE DIRECTED BY THE VILLAGE ENGINEER
 - ANY CURB CONNECTED TO EXISTING CURB SHALL BE CONNECTED WITH 2 #4 SMOOTH DWEL RODS
 - 2 #4 REINFORCING BARS SHALL BE PLACED CONTINUOUSLY BETWEEN EXPANSION JOINTS.



- NOTES:**
1. LIGHT BROOMED SURFACE FINISH
 2. SIDEWALK WIDTH TO BE 5' CONCRETE (UNLESS OTHERWISE APPROVED TO MATCH EXISTING)
 3. EXPANSION JOINTS EVERY 50' WITH PREFORMED BITUMINOUS JOINT FILLER
 4. TOOLED CONTRACTION JOINT, ONE FOURTH THE DEPTH OF THE SIDEWALK EVERY 5 FEET

**VILLAGE OF MUNDELEIN
 CONSTRUCTION DETAILS**

SIDEWALK DETAIL

REV.	BY	DATE	REVISION
1	MSJ	04-04-09	
2	BMJ	04-28-09	
3			

DETAIL NO.
R-4

REVISED	DRAWN BY:	DATE:	PROJECT NO.
1			
2			
3			
4			
5			

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USER NAME = jst-zolko
 PLOT SCALE = 1:1
 PLOT DATE = 4/1/2009

DESIGNED - JJS
 DRAWN - JJS
 CHECKED - JLP
 DATE - 4/1/09

REVISED -
 REVISED -
 REVISED -
 REVISED -

VILLAGE OF MUNDELEIN

CONSTRUCTION DETAILS

SCALE: 1:1 SHEET NO. 3 OF 3 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00086-00-SW	LAKE	40	40
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63166	