

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID PROJECT

METRA STATION PEDESTRIAN ACCESS IMPROVEMENTS PROJECT - PHASE III
SIDEWALK IMPROVEMENTS

PROJECT NO.: CMM-8003(780)

SECTION NO.: 07-00087-00-SW

CITY OF OAK FOREST

COOK COUNTY

JOB NO.: C-91-175-07

THIS PROJECT IS
LOCATED WITHIN
THE CITY OF
OAK FOREST

LAVERGNE AVENUE
IMPROVEMENT ENDS
STA. 47 + 38

LECLAIRE AVENUE
IMPROVEMENT ENDS
STA. 47 + 35

LECLAIRE AVENUE
OMISSION
STA. 42 + 33 TO STA. 42 + 47

LAVERGNE AVENUE
OMISSION
STA. 42 + 18 TO STA. 42 + 34

LECLAIRE AVENUE
IMPROVEMENT BEGINS
STA. 1 + 13

LAVERGNE AVENUE
IMPROVEMENT BEGINS
STA. 0 + 59

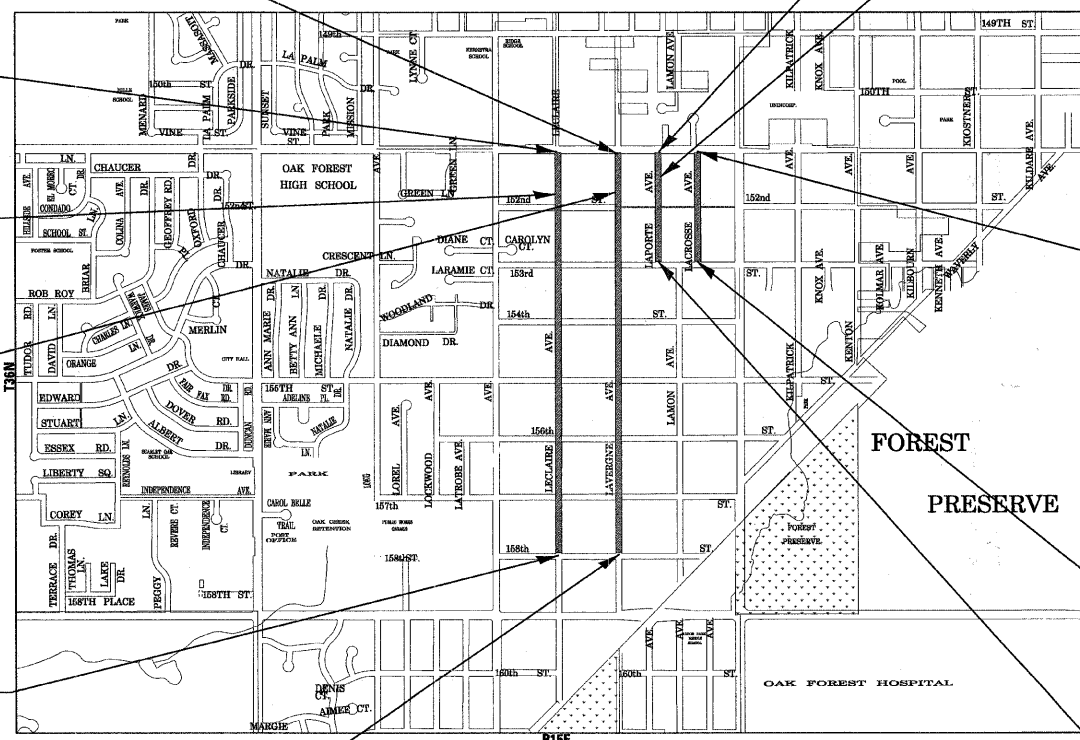
LAPORTE AVENUE
IMPROVEMENT ENDS
STA. 13 + 94

LAPORTE AVENUE
OMISSION
STA. 8 + 23 TO 8 + 50

LACROSSE AVENUE
IMPROVEMENT ENDS
STA. 13 + 97

LACROSSE AVENUE
IMPROVEMENT BEGINS
STA. 1 + 25

LAPORTE AVENUE
IMPROVEMENT BEGINS
STA. 1 + 35



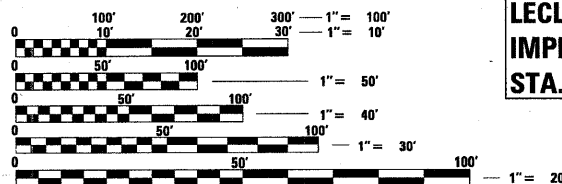
LOCATION MAP

SCALE: 1" = 1000'

GROSS LENGTH OF IMPROVEMENT = 11,832 LF OR 2.24 MILES
NET LENGTH OF IMPROVEMENT = 11,775 LF OR 2.23 MILES



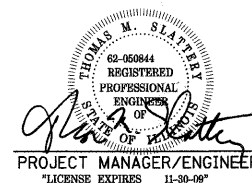
CALL 48 HOURS BEFORE YOU DIG



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.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

BAXTER & WOODMAN, INC.
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2009



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	1
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED AID PROJECT CMM-8003 (780)		

C-91-175-07
CONTRACT 63104



LOCATION OF SECTION INDICATED THUS: [Symbol]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 11/8/08
Greg Sollen
CITY OF OAK FOREST, DIRECTOR OF PUBLIC WORKS
PASSED DECEMBER 18, 2008
Christopher Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW DECEMBER 16, 2008
Diana M. O'Keefe
DEPUTY DIRECTOR OF
HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 63104

Burlington, Wisconsin (Crystal Lake, Illinois) DeKalb, Illinois Itasca, Illinois Mokena, Illinois Grayslake, Illinois Plainfield, Illinois Rockford, Illinois Madison, Wisconsin
262.763.7834 815.459.1260 815.787.3111 630.773.1870 708.560.7070 847.223.5088 815.609.7425 815.489.1551 608.347.1542

(OFFICE WHICH PREPARED PLANS)

B&W PROJECT NO.: 061562 DATE: 11-17-08

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LICENSE NO. 184-001121 EXPIRES 4/30/2009
FIELD ENGINEER: MELCHOR MANGOBA, P.E. 847 705-4408

GENERAL NOTES

1. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED IN THE STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS. UTILITY LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL USE CAUTION WHERE THERE ARE POTENTIAL CONFLICTS.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

4. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.

5. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO STRUCTURES AT ALL TIMES.

6. WHERE THE PROPOSED PAVEMENT, SIDEWALK, OR CURB AND GUTTER ABUTS THE EXISTING PAVEMENT OR CONCRETE TO REMAIN IN PLACE, THE EXISTING PAVEMENT OR CONCRETE SHALL BE SAWCUT TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND THE EXISTING SURFACES. THIS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

7. THE CONTRACTOR SHALL PROTECT AND REPLACE ALL SIGNS REMOVED DURING CONSTRUCTION AS NEAR AS POSSIBLE TO THEIR ORIGINAL LOCATION, OR AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE EARTH EXCAVATION PAY ITEM.

8. REMOVAL OF EXISTING POST AND ATTACHING EXISTING SIGN ONTO NEW POLE IS INCIDENTAL TO METAL POST TYPE A.

9. TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIPLINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

10. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

11. TREE ROOT PRUNING IS TO BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATION IS WITHIN THE ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF THE TREES HAS OCCURED.

12. EROSION CONTROL WORK ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATIONS NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.

13. THE LANDSCAPING AND EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOBSITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.

STANDARD NO.	HIGHWAY STANDARDS
000001-05	STANDARD SYMBOLS AND ABBREVIATIONS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMP FOR SIDEWALKS
602011-01	CATCH BASIN, TYPE C
604001-03	FRAME AND LID, TYPE I
604036-02	GRATE, TYPE 8
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)

INDEX TO SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, STATE HIGHWAY STANDARDS, GENERAL NOTES, SUMMARY OF QUANTITIES
3	TYPICAL SECTION, HOT-MIXTURE REQUIREMENTS AND DETAILS
4 - 5	SCHEDULE OF QUANTITIES
6 - 10	PLAN: LECLAIRE AVENUE
11 - 15	PLAN: LAVERGNE AVENUE
16 - 17	PLAN: LAPORTE AVENUE
17 - 18	PLAN: LACROSSE AVENUE
19 - 25	CROSS SECTIONS: LECLAIRE AVENUE
26 - 36	CROSS SECTIONS: LAVERGNE AVENUE
37 - 40	CROSS SECTIONS: LAPORTE AVENUE
41 - 45	CROSS SECTIONS: LACROSSE AVENUE
46	DISTRICT ONE DETAIL TC-10: TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
47	DISTRICT ONE DETAIL TC-13: TYPICAL PAVEMENT MARKINGS
48	DISTRICT ONE DETAIL BD-24: CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SUMMARY OF QUANTITIES

NO.	ITEM	UNIT	TOTAL QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	46
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	208
20101100	TREE TRUNK PROTECTION	EACH	10
20101200	TREE ROOT PRUNING	EACH	5
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	87
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	87
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	87
20101700	SUPPLEMENTAL WATERING	UNIT	70
20200100	EARTH EXCAVATION	CU YD	906
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1033
20800150	TRENCH BACKFILL	CU YD	75
21101815	TOP SOIL FURNISH AND PLACE, 4"	SO YD	7019
21400100	GRADING AND SHAPING DITCHES	FOOT	273
25200100	SODDING	SO YD	7019
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	6520
42001300	PROTECTIVE COAT	SO YD	326
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY, 6 INCH	SO YD	47621
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SO FT	11056.1
42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SO FT	350
42400800	DETECTABLE WARNINGS	SO FT	3274
44000200	DRIVEWAY PAVEMENT REMOVAL	SO FT	4935
44000600	SIDEWALK REMOVAL	SO FT	472
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	21
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SO YD	42
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SO YD	33
50105225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	40
54200211	PIPE CULVERTS, CLASS C, TYPE 1, 6"	FOOT	20
54200213	PIPE CULVERTS, CLASS C, TYPE 1, 8"	FOOT	308
54200217	PIPE CULVERTS, CLASS C, TYPE 1, 12"	FOOT	6
X0324272	STEEL END SECTIONS 6"	EACH	4
X3324272	STEEL END SECTIONS 8"	EACH	40
54213867	STEEL END SECTIONS 12"	EACH	5
56109210	WATER VALVES TO BE ADJUSTED	EACH	5
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	6
60236200	INLETS, TYPE A, TYPE B GRATE	EACH	10
60255500	MANHOLES TO BE ADJUSTED	EACH	2
60260100	INLETS TO BE ADJUSTED	EACH	1
60406100	FRAMES AND LID, TYPE 1, CLOSED LID	EACH	1
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL & PROTECTION - STANDARD 701501	L SUM	1
70102640	TRAFFIC CONTROL & PROTECTION - STANDARD 701801	L SUM	1
72900100	METAL POST - TYPE A	FOOT	98
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	836
A2001220	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8
A2006420	TREE, QUERCUS ALBA (WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8
XX000613	MODULAR BLOCK RETAINING WALL	SO FT	332
XX006806	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	SO YD	2559
40201680	AGGREGATE FOR TEMPORARY ACCESS	TON	20
XX006215	BRICK PAVEMENT REMOVAL AND REPLACEMENT	SO YD	19

SPECIALTY ITEMS

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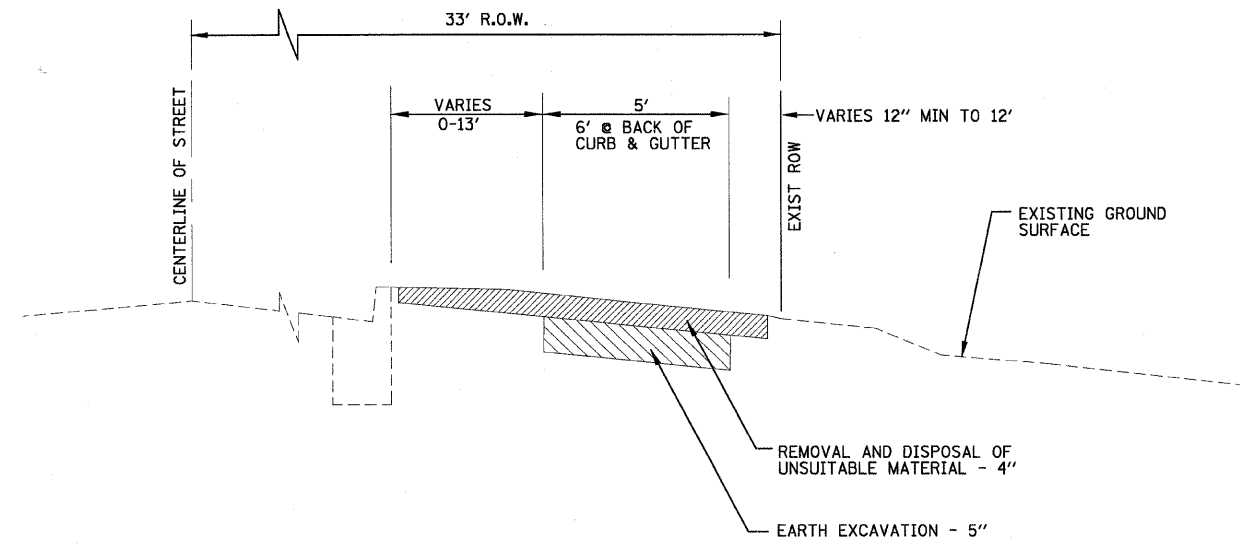
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PLOT DATE = 12/1/2008	CHECKED - TMS	REVISED -
	DATE - 11-17-08	REVISED -

**CITY OF OAK FOREST, ILLINOIS
METRA STATION SIDEWALKS**

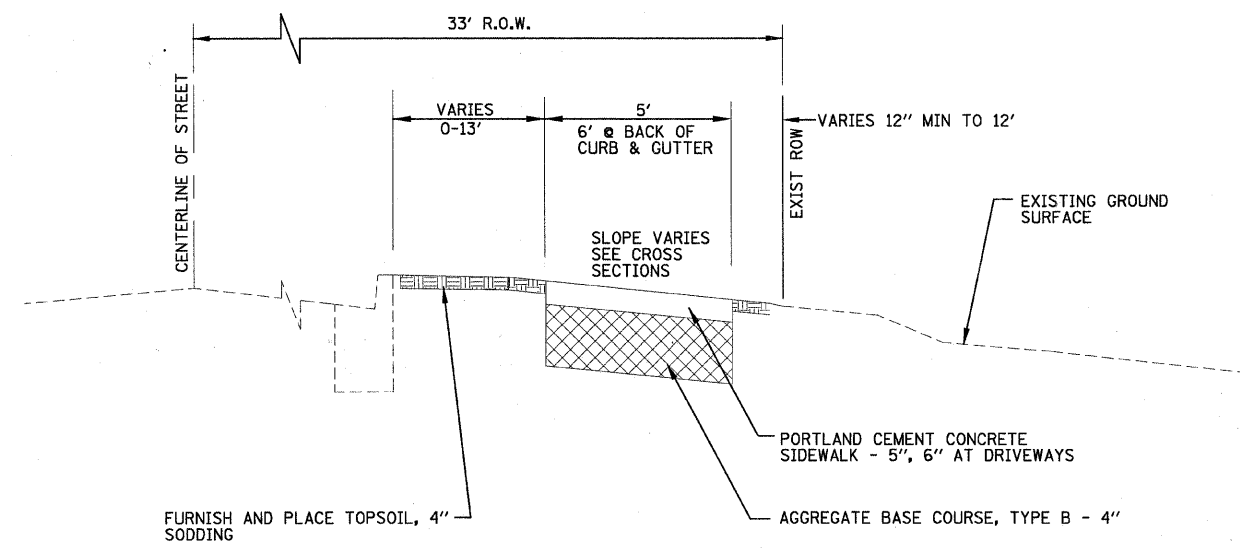
**GENERAL NOTES, SUMMARY OF QUANTITIES,
INDEX OF SHEETS AND HIGHWAY STANDARDS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	2
CONTRACT NO. 63104				
ILLINOIS FED. AID PROJECT				

SCALE: STA. TO STA.



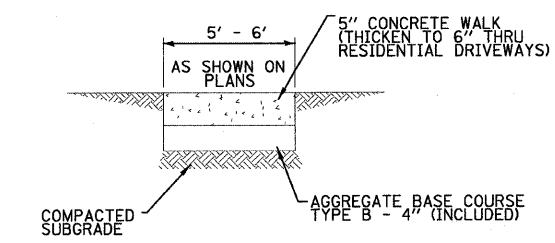
EXISTING TYPICAL CROSS SECTION



PROPOSED TYPICAL CROSS SECTION

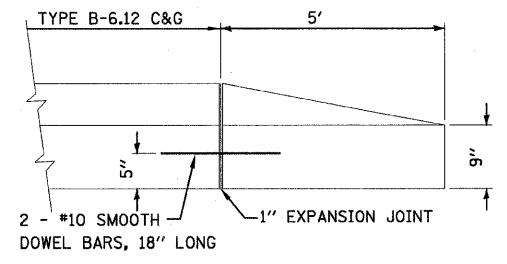
HMA MIXTURE REQUIREMENTS CHART

ITEM	AC TYPE	AIR VOIDS
DRIVEWAYS HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 gyr.
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS /SQ YD /IN.		



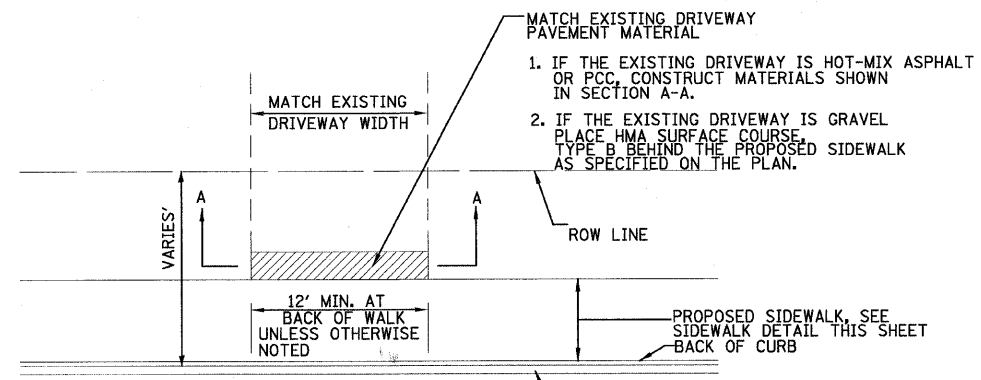
NOTE: PROVIDE FIBER 3/4" EXPANSION JOINTS WHERE NEW SIDEWALK MEETS EXISTING AND @ 50' O.C. MAX. AND PROVIDE CONTROL JOINTS @ 5' O.C.

P.C.C. SIDEWALK

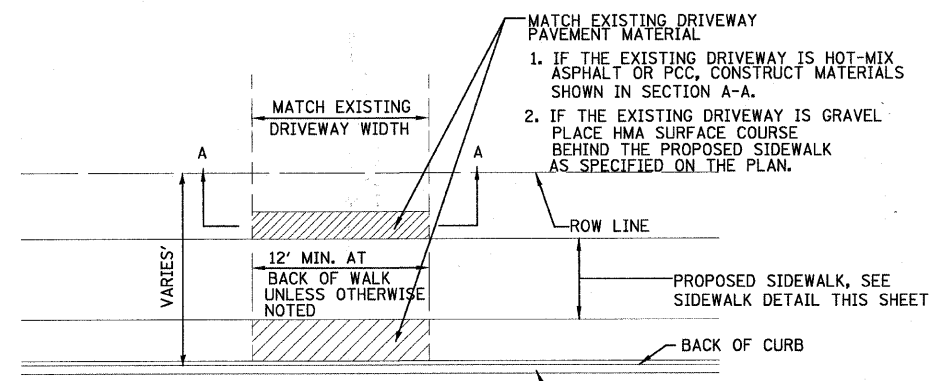


CURB AND GUTTER TERMINATION

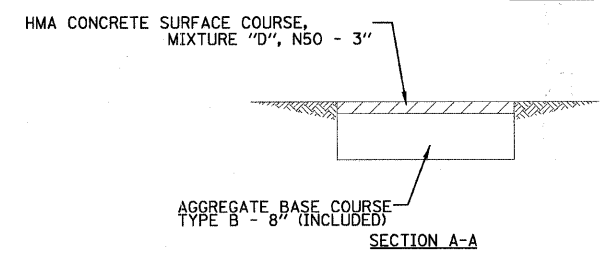
PAID FOR AS TYPE B-6.12 C&G
 NO SCALE



PLAN VIEW

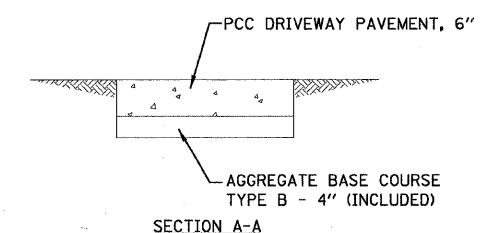


PLAN VIEW



HOT-MIX ASPHALT DRIVEWAY PAVEMENT DETAIL

NO SCALE
 (SEE DRIVEWAY SCHEDULE FOR PROPOSED APRON PAVEMENT TYPE TO BE USED)



PORTLAND CEMENT CONCRETE DRIVEWAY APPROACH DETAIL

NO SCALE
 (SEE DRIVEWAY SCHEDULE FOR PROPOSED APRON PAVEMENT TYPE TO BE USED)

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 1/27/2008



USER NAME = 568kar	DESIGNED - TMS	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN - BCD	REVISED -
PLOT DATE = 11/19/2008	CHECKED - TMS	REVISED -
	DATE - 11-17-08	REVISED -

**CITY OF OAK FOREST, ILLINOIS
 METRA STATION SIDEWALKS**

TYPICAL CROSS SECTION, HMA MIXTURE REQUIREMENTS AND DETAILS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	3
CONTRACT NO. 63104				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

DRIVEWAY ENTRANCES

	EXIST DRIVE APRON (TYPE)	WIDTH @ ROW OR LIM. (FT)	WIDTH @ BW (FT)	LENGTH (FT)	WIDTH @ FW (FT)	WIDTH @ STREET LIM. (FT)	LENGTH (FT)	DRIVEWAY PAVEMENT (SQ YD)	PCC SIDEWALK 6 IN (SQ FT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)
LECLAIRE AVENUE										
2 + 37 RT	HMA	22.9	21.7	1.5	20.7	20.7	12.0	31.3	116.0	43.1
3 + 60 RT	HMA	21.8	21.2	1.5	19.2	16.0	13.0	29.0	111.0	40.2
4 + 79 RT	HMA	22.0	22.0	1.5	22.1	23.4	3.0	11.3	120.3	23.5
5 + 47 RT	HMA	10.7	10.7	1.5	10.7	15.5	13.0	20.7	63.5	26.7
9 + 78 RT	HMA	22.5	22.5	1.5	23.0	26.6	12.6	38.5	123.8	51.1
10 + 51 RT	HMA	20.3	20.4	3.0	20.5	20.5	3.0	13.6	112.3	25.0
11 + 06 RT	HMA	17.4	17.4	3.0	17.7	17.8	3.0	11.7	97.8	21.5
11 + 70 RT	AGG	10.3	11.5	3.0	14.0	15.9	3.0	8.6	73.8	15.7
12 + 69 RT	HMA	14.4	14.4	1.5	14.5	14.9	13.0	23.6	82.3	31.7
13 + 07 RT	HMA	32.6	32.1	1.5	30.7	27.5	13.0	47.4	167.0	64.9
15 + 96 RT	AGG	11.6	11.7	1.5	12.4	33.5	13.0	35.1	70.3	41.8
16 + 50 RT	HMA	10.8	10.8	1.5	10.8	13.0	13.0	19.0	89.6	25.0
18 + 09 RT	CONC	11.8	11.8	3.0				3.9	96.6	11.8
18 + 29 RT	CONC	10.0	10.0	3.0				3.3	84.0	10.0
18 + 66 RT	AGG	11.0	11.0	3.0				3.7	91.0	11.0
19 + 51 RT	HMA	16.0	16.0	3.0				5.3	126.0	16.0
22 + 46 RT	HMA	12.0	12.0	1.5	11.8	25.7	16.0	35.3	98.0	41.9
23 + 27 RT	HMA	9.5	9.5	1.5	9.5	15.5	16.0	23.8	80.5	29.1
24 + 63 RT	HMA	17.4	17.5	1.5	17.7	27.0	16.0	42.6	136.5	52.4
25 + 22 RT	HMA	15.9	16.0	1.5	16.2	24.8	15.5	38.0	126.0	46.9
26 + 02 RT	HMA	16.2	16.3	1.5	16.7	29.0	15.0	40.8	128.1	50.0
26 + 99 RT	HMA	18.3	18.3	1.5	18.8	20.5	13.5	32.5	142.1	42.8
27 + 73 RT	HMA	9.2	9.2	1.5	9.6	21.3	13.0	23.9	78.4	29.1
28 + 27 RT	HMA	15.5	15.5	1.5	15.5	23.0	13.5	31.5	122.5	40.1
29 + 90 RT	HMA	11.5	11.6	1.5	11.8	20.0	14.5	27.5	95.2	34.0
30 + 84 RT	HMA	16.3	15.8	1.5	14.2	23.0	15.0	33.7	124.6	42.0
31 + 20 RT	HMA	19.1	19.2	1.5	19.5	24.2	12.5	33.5	148.4	44.3
33 + 07 RT	HMA	15.1	15.2	1.5	15.7	27.2	16.5	41.9	120.4	50.4
35 + 25 RT	HMA	10.8	10.8	1.5	10.8	17.0	17.0	28.1	89.6	34.1
36 + 40 RT	HMA	20.4	20.4	1.5	20.4	34.0	17.0	54.8	156.8	66.1
37 + 24 RT	HMA	20.0	20.0	1.5	19.8	40.9	17.0	60.7	154.0	71.7
37 + 99 RT	HMA	19.5	19.5	1.5	19.5	22.0	17.0	42.4	150.5	53.3
38 + 98 RT	HMA	21.8	21.6	1.5	21.2	25.0	16.5	46.0	165.2	57.9
42 + 65 RT	CONC	15.7	15.9	3.0	16.4	17.9	3.0	11.0	125.3	20.0
43 + 95 RT	HMA	18.7	18.6	1.5	18.3	28.0	17.0	46.8	144.2	57.1
44 + 88 RT	AGG	11.2	11.4	1.5	11.9	21.0	18.0	34.8	93.8	41.3
45 + 74 RT	HMA	12.0	12.0	1.5	12.0	31.5	19.0	47.9	98.0	54.6
46 + 34 RT	HMA	10.0	10.0	1.5	11.0	17.5	19.0	31.8	84.0	37.6

	PAVER	WIDTH @ ROW OR LIM. (FT)	WIDTH @ BW (FT)	LENGTH (FT)	WIDTH @ FW (FT)	WIDTH @ STREET LIM. (FT)	LENGTH (FT)	DRIVEWAY PAVEMENT (SQ YD)	PCC SIDEWALK 6 IN (SQ FT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)
LAVERGNE AVENUE										
2 + 16 RT	HMA	18.0	18.0	1.5	18.0	18.0	3.0	9.0	100.0	19.0
2 + 70 RT	HMA	16.0	16.0	1.5	16.0	21.0	12.5	28.4	90.0	37.3
3 + 21 RT	HMA	13.0	13.0	1.5	13.0	16.5	12.5	22.7	75.0	29.9
4 + 12 RT	HMA	18.0	17.0	1.5	15.0	13.0	12.5	22.4	90.0	31.3
4 + 42 RT	AGG	17.0	17.0	1.5	18.0	16.0	12.5	26.4	97.5	36.2
5 + 04 RT	HMA	18.0	18.0	3.0	18.0	19.0	4.0	14.2	100.0	24.2
5 + 61 RT	HMA	16.0	16.0	1.5	15.0	19.0	12.5	26.3	87.5	34.9
6 + 24 RT	HMA	10.0	10.0	1.5	10.0	15.5	12.5	19.4	60.0	24.9
8 + 54 RT	HMA	10.0	10.0	1.5	10.0	15.1	13.0	19.8	60.0	25.4
9 + 41 RT	HMA	14.0	14.0	1.5	14.0	15.5	13.0	23.6	80.0	31.4
9 + 66 RT	CONC	18.0	18.0	1.5	18.0	25.0	13.0	34.1	100.0	44.1
10 + 05 RT	HMA	12.0	13.0	1.5	15.0	19.0	8.0	17.2	80.0	25.0
10 + 55 RT	CONC	9.0	9.0	3.0	9.0	12.0	8.0	12.3	55.0	17.3
11 + 43 RT	AGG	13.0	13.0	1.5	14.0	18.5	13.0	25.6	77.5	33.1
11 + 89 RT	HMA	12.0	12.0	1.5	12.0	16.0	13.0	22.2	70.0	28.9
12 + 43 RT	AGG	11.0	11.0	1.5	12.0	14.5	13.0	21.0	67.5	27.4
12 + 90 RT	HMA	13.0	13.0	3.0	12.0	15.0	7.0	14.8	72.5	21.8
15 + 77 RT	HMA	12.0	12.0	1.5	12.0	14.0	8.0	13.6	70.0	20.2
16 + 26 RT	HMA	18.0	18.0	1.5	18.0	17.5	13.0	28.6	100.0	38.6
17 + 09 RT	CONC	9.0	9.0	1.5	9.0	12.0	13.0	16.7	55.0	21.7
17 + 73 RT	HMA	10.0	10.0	1.5	10.0	15.0	13.0	19.7	60.0	25.3
18 + 23 RT	HMA	9.0	9.0	1.5	9.0	18.0	13.0	21.0	55.0	26.0
18 + 75 RT	AGG	10.0	10.0	1.5	10.0	14.0	13.0	19.0	60.0	24.6
19 + 18 RT	HMA	8.0	8.0	1.5	8.0	14.0	13.0	17.2	50.0	21.7
19 + 75 RT	HMA	9.0	9.0	1.5	10.0	19.5	13.0	22.8	57.5	28.1
22 + 17 RT	HMA	26.0	26.0	1.5	26.0	28.5	17.0	55.8	140.0	70.3
22 + 79 RT	HMA	10.0	10.0	1.5	12.0	21.0	16.0	31.0	65.0	37.1
23 + 34 RT	HMA	24.0	24.0	1.5	24.0	32.0	16.0	53.8	130.0	67.1
23 + 92 RT	HMA	11.0	11.0	1.5	12.0	24.0	16.0	33.8	67.5	40.2
24 + 45 RT	AGG	17.0	17.0	1.5	18.0	22.0	16.5	39.5	97.5	49.2
25 + 24 RT	HMA	13.0	13.0	1.5	13.0	26.0	15.0	34.7	75.0	41.9
25 + 70 RT	AGG	11.0	11.0	1.5	13.0	20.0	17.0	33.0	70.0	39.7
26 + 28 RT	AGG	39.0	39.0	1.5	39.0	40.0	17.5	83.3	205.0	105.0
28 + 66 RT	HMA	18.0	18.0	1.5	15.0	27.0	16.5	41.5	92.5	50.7
29 + 10 RT	HMA	15.0	15.0	1.5	15.0	21.0	15.0	32.5	85.0	40.8
29 + 60 RT	HMA	16.0	16.0	1.5	16.0	21.5	15.0	33.9	90.0	42.8
30 + 55 RT	AGG	12.0	12.0	1.5	12.0	20.0	15.0	28.7	70.0	35.3
32 + 11 RT	HMA	12.0	12.0	1.5	12.0	15.0	15.0	24.5	70.0	31.2
35 + 61 RT	CONC	18.0	18.0	1.5	18.0	24.0	15.0	38.0	100.0	48.0
36 + 06 RT	HMA	12.0	12.0	1.5	13.0	23.5	14.0	30.4	72.5	37.3
36 + 57 RT	HMA	13.0	13.0	1.5	14.0	22.5	16.0	34.6	77.5	42.1
37 + 53 RT	HMA	16.0	16.0	1.5	16.0	26.0	14.5	36.5	90.0	45.4
38 + 12 RT	HMA	18.0	18.0	1.5	17.0	18.0	13.0	28.3	97.5	38.0
39 + 11 RT	HMA	13.0	13.0	1.5	15.0	22.0	11.0	24.8	80.0	32.6
40 + 72 RT	HMA	20.0	20.0	1.5	20.0	22.5	10.0	26.9	110.0	38.1
41 + 17 RT	HMA	11.0	11.0	1.5	11.0	13.0	12.0	17.8	65.0	23.9
42 + 90 RT	HMA	21.0	21.0	1.5	21.0	29.0	15.0	45.2	115.0	56.8
43 + 24 RT	CONC	27.0	27.0	1.5	27.0	37.0	15.0	57.8	145.0	72.8
44 + 94 RT	AGG	20.0	20.0	1.5	20.0	26.5	15.5	43.4	110.0	54.5
45 + 20 RT	CONC	26.0	26.0	1.5	26.0	31.0	16.0	55.0	140.0	69.4

	EXIST DRIVE APRON (TYPE)	WIDTH @ ROW OR LIM. (FT)	WIDTH @ BW (FT)	LENGTH (FT)	WIDTH @ FW (FT)	WIDTH @ STREET LIM. (FT)	LENGTH (FT)	DRIVEWAY PAVEMENT (SQ YD)	PCC SIDEWALK 6 IN (SQ FT)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)
LAPORTE AVENUE										
2 + 04 LT	HMA	11.9	12.0	3.0	12.0			4.0	70.0	10.7
3 + 61 LT	CONC	20.2	20.2	3.0	20.2			6.7	111.0	18.0
3 + 92 LT	AGG	12.7	12.3	3.0	12.3			4.2	71.5	11.0
5 + 46 LT	HMA	17.1	17.2	3.0	17.2			5.7	96.0	15.3
6 + 45 LT	HMA	12.2	13.9	14.0	13.9			20.3	79.5	28.0
7 + 54 LT	HMA	10.7	12.7	7.0	12.7			9.1	73.5	16.2
9 + 60 LT	HMA	18.4	17.2	5.0	17.2			9.9	96.0	19.4
10 + 64 LT	HMA	14.1	15.2	13.9	15.2			22.6	86.0	31.1
10 + 78 LT	HMA	12.4	12.4	13.9	12.4			19.2	72.0	26.0
11 + 56 LT	CONC	22.2	24.9	13.8	24.9			36.1	134.5	49.9
11 + 84 LT	HMA	18.8	20.1	13.8	20.1			29.8	110.5	41.0
13 + 09 LT	HMA	30.9	29.7	6.0	29.7			20.2	158.5	36.7
LACROSSE AVENUE										
2 + 43 RT	HMA	14.0	14.9	3.0	14.9			4.8	84.5	13.1
2 + 93 RT	HMA	12.2	12.5	3.0	12.5			4.1	72.5	11.1
3 + 79 RT	AGG	14.5	14.5	3.0	14.5			4.8	82.5	12.9
3 + 96 RT	HMA	19.0	19.0	3.0	19.0			6.3	105.0	16.9
4 + 51 RT	CONC	17.1	14.7	10.0	14.7			17.7	83.5	25.8
4 + 98 RT	AGG	11.6	12.3	3.0	12.3			4.0	71.5	10.8
5 + 43 RT	AGG	11.3	12.6	3.0	12.6			4.0	73.0	11.0
5 + 63 RT	HMA	13.4	13.9	3.0	13.9			4.6	79.5	12.3
6 + 49 RT	HMA	10.9	11.7	3.0	11.7			3.8	68.5	10.3
6 + 66 RT	HMA	11.8	12.0	3.0	12.0			4.0	70.0	10.6
7 + 13 RT	AGG	11.0	11.7	3.0	11.7			3.8	68.5	10.3
7 + 58 RT	AGG	10.2	10.6	3.0	10.6			3.5	63.0	9.4
7 + 79 RT	CONC	9.7	11.2	13.0	11.2			15.1	66.0	21.3
8 + 66 RT	CONC	9.8	11.1	13.0	11.1			15.1	65.5	21.3
11 + 34 RT	AGG	14.6	14.5	3.0	14.5			4.9	82.5	12.9
11 + 85 RT	AGG	14.9	14.6	3.0	14.6			4.9	83.0	13.0
13 + 19 RT	CONC	10.2	10.2	3.0	10.2			3.4	61	

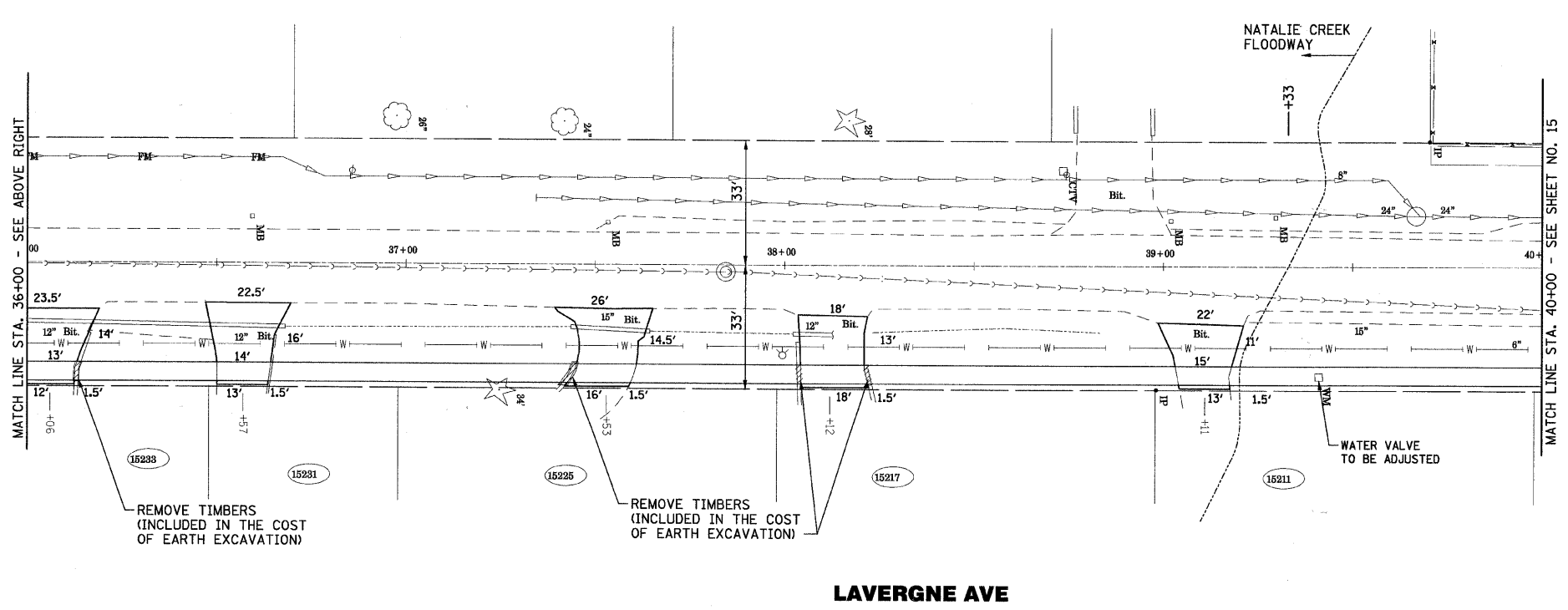
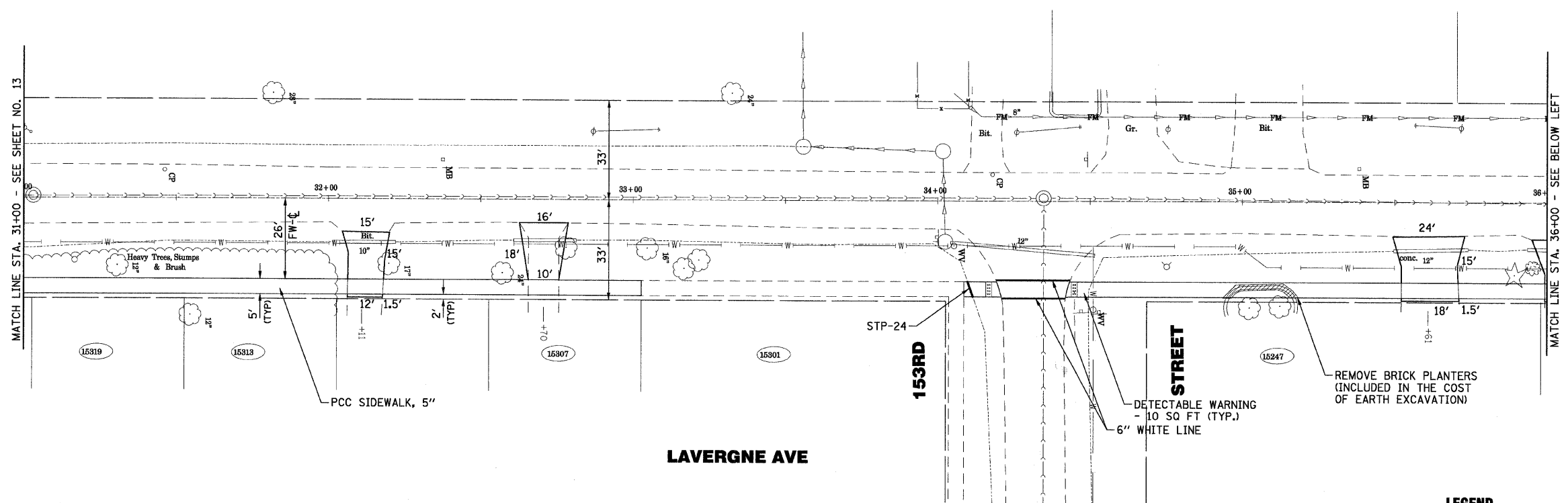
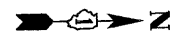
EARTHWORKS

STATION BEGIN	STATION END	SIDEWALK LENGTH (FT)	EARTH EXCAVATION WIDTH (FT)	EARTH EXCAVATION DEPTH (FT)	UNSUITABLE SOILS WIDTH (FT)	UNSUITABLE SOILS DEPTH (FT)	EARTH EXCAVATION (CU YD)	UNSUITABLE VOLUME (CU YD)
LECLAIRE AVENUE								
1 + 13.0 RT	to 2 + 60.5 RT	146.9	5.0	0.4	9.0	0.3	11.3	16.3
2 + 60.5 RT	to 2 + 89.5 RT	30.2	5.0	0.4	9.0	0.3	2.3	3.4
2 + 89.5 RT	to 5 + 52.5 RT	263	5.0	0.4	9.0	0.3	20.3	29.2
7 + 34 RT	to 7 + 39 RT	12	5.0	0.4	9.0	0.3	0.9	1.3
7 + 39 RT	to 7 + 52 RT	13	5.0	0.4	9.0	0.3	1.0	1.4
7 + 80 RT	to 7 + 87.0 RT	7	5.0	0.4	9.0	0.3	0.5	0.8
7 + 87.0 RT	to 7 + 96.0 RT	12	5.0	0.4	9.0	0.3	0.9	1.3
7 + 96.0 RT	to 9 + 19.0 RT	123	5.0	0.4	9.0	0.3	9.5	13.7
9 + 19.0 RT	to 9 + 28.0 RT	9.6	5.0	0.4	9.0	0.3	0.7	1.1
9 + 28.0 RT	to 10 + 12.0 RT	84	5.0	0.4	9.0	0.3	6.5	9.3
10 + 12.0 RT	to 10 + 28.0 RT	19.4	5.0	0.4	9.0	0.3	1.5	2.2
10 + 28.0 RT	to 12 + 14.0 RT	186	5.0	0.4	9.0	0.3	14.4	20.7
12 + 14.0 RT	to 12 + 30.0 RT	19.4	5.0	0.4	9.0	0.3	1.5	2.2
12 + 30.0 RT	to 13 + 69 RT	139	5.0	0.4	9.0	0.3	10.7	15.4
13 + 69 RT	to 13 + 71 RT	5	5.0	0.4	9.0	0.3	0.4	0.6
13 + 71 RT	to 13 + 98.0 RT	27	5.0	0.4	9.0	0.3	2.1	3.0
13 + 98 RT	to 14 + 03.0 RT	15	5.0	0.4	9.0	0.3	1.2	1.7
14 + 03.0 RT	to 14 + 16.0 RT	13	5.0	0.4	9.0	0.3	1.0	1.4
14 + 35.0 RT	to 15 + 10.0 RT	75	5.0	0.4	9.0	0.3	5.8	8.3
15 + 10.0 RT	to 15 + 29.0 RT	20	6.5	0.4	8.5	0.3	2.0	2.1
15 + 29.0 RT	to 15 + 38.0 RT	9	6.0	0.4	8.0	0.3	0.8	0.9
15 + 38.0 RT	to 15 + 57.0 RT	20	6.5	0.4	8.5	0.3	2.0	2.1
15 + 57.0 RT	to 17 + 21.5 RT	164.5	5.0	0.4	9.0	0.3	12.7	18.3
17 + 21.5 RT	to 17 + 54.0 RT	32.8	5.0	0.4	9.0	0.3	2.5	3.6
17 + 54.0 RT	to 20 + 45 RT	291	5.0	0.4	9.0	0.3	22.5	32.3
20 + 45 RT	to 20 + 66.0 RT	22	5.0	0.4	9.0	0.3	1.7	2.4
20 + 66.0 RT	to 20 + 84.0 RT	19	5.0	0.4	9.0	0.3	1.5	2.1
21 + 15.0 RT	to 23 + 52 RT	237	5.0	0.4	9.0	0.3	18.3	26.3
23 + 52 RT	to 23 + 63 RT	13	5.0	0.4	9.0	0.3	1.0	1.4
23 + 63 RT	to 24 + 29.0 RT	66	5.0	0.4	9.0	0.3	5.1	7.3
24 + 29.0 RT	to 24 + 40.0 RT	13	5.0	0.4	9.0	0.3	1.0	1.4
24 + 40.0 RT	to 24 + 75.0 RT	35	5.0	0.4	9.0	0.3	2.7	3.9
24 + 75.0 RT	to 24 + 85.0 RT	12	5.0	0.4	9.0	0.3	0.9	1.3
24 + 85.0 RT	to 25 + 08.0 RT	23	5.0	0.4	9.0	0.3	1.8	2.6
25 + 08.0 RT	to 25 + 13.0 RT	6	5.0	0.4	9.0	0.3	0.5	0.7
25 + 13.0 RT	to 28 + 40.0 RT	327	5.0	0.4	9.0	0.3	25.2	36.3
28 + 40.0 RT	to 28 + 46.0 RT	9	5.0	0.4	9.0	0.3	0.7	1.0
28 + 46.0 RT	to 28 + 62 RT	16	5.0	0.4	9.0	0.3	1.2	1.8
28 + 62 RT	to 28 + 68 RT	9	5.0	0.4	9.0	0.3	0.7	1.0
28 + 68 RT	to 29 + 96.0 RT	128	5.0	0.4	9.0	0.3	9.9	14.2
29 + 96.0 RT	to 30 + 18.0 RT	26	5.0	0.4	9.0	0.3	2.0	2.9
30 + 18.0 RT	to 31 + 00.0 RT	82	5.0	0.4	9.0	0.3	6.3	9.1
31 + 00.0 RT	to 31 + 07.0 RT	8	5.0	0.4	9.0	0.3	0.6	0.9
31 + 07.0 RT	to 31 + 33.0 RT	26	5.0	0.4	9.0	0.3	2.0	2.9
31 + 33.0 RT	to 31 + 42.0 RT	10	5.0	0.4	9.0	0.3	0.8	1.1
31 + 42 RT	to 34 + 00 RT	258	5.0	0.4	9.0	0.3	19.9	28.7
34 + 00.0 RT	to 34 + 19.0 RT	21	5.0	0.4	9.0	0.3	1.6	2.3
34 + 19.0 RT	to 34 + 59 RT	40	6.0	0.4	8.0	0.3	3.7	4.0
34 + 59 RT	to 34 + 78.0 RT	21	5.0	0.4	9.0	0.3	1.6	2.3
34 + 78.0 RT	to 35 + 37.0 RT	59	5.0	0.4	9.0	0.3	4.6	6.6
35 + 37.0 RT	to 35 + 43.0 RT	7	5.0	0.4	9.0	0.3	0.5	0.8
35 + 43.0 RT	to 35 + 69 RT	26	5.0	0.4	9.0	0.3	2.0	2.9
35 + 69 RT	to 35 + 75.0 RT	7	5.0	0.4	9.0	0.3	0.5	0.8
35 + 75.0 RT	to 36 + 57.0 RT	82	5.0	0.4	9.0	0.3	6.3	9.1
36 + 57.0 RT	to 36 + 78.0 RT	23	5.0	0.4	9.0	0.3	1.8	2.6
36 + 78.0 RT	to 37 + 53 RT	75	5.0	0.4	9.0	0.3	5.8	8.3
37 + 53 RT	to 37 + 77.0 RT	26	5.0	0.4	9.0	0.3	2.0	2.9
37 + 77.0 RT	to 40 + 88.0 RT	311	5.0	0.4	9.0	0.3	24.0	34.6
41 + 07.0 RT	to 41 + 90.0 RT	83	5.0	0.4	9.0	0.3	6.4	9.2
41 + 90.0 RT	to 42 + 10.0 RT	22	5.0	0.4	9.0	0.3	1.7	2.4
42 + 10.0 RT	to 42 + 33 RT	23	6.0	0.4	8.0	0.3	2.1	2.3
42 + 47 RT	to 42 + 79.0 RT	32	6.0	0.4	8.0	0.3	3.0	3.2
42 + 79.0 RT	to 42 + 99.0 RT	22	5.0	0.4	9.0	0.3	1.7	2.4
42 + 99.0 RT	to 47 + 35.0 RT	436	5.0	0.4	9.0	0.3	33.6	48.4
LAPORTE AVENUE								
1 + 27.0 RT	to 1 + 32 RT	13	5.0	0.4	9.0	0.3	1.0	1.4
1 + 25 LT	to 8 + 23 LT	698	6.0	0.4	8.0	0.3	64.6	68.9
8 + 50 LT	to 13 + 94 LT	544	6.0	0.4	8.0	0.3	50.4	53.7
13 + 89 RT	to 13 + 94 RT	7	5.0	0.4	9.0	0.3	0.5	0.8
LACROSSE AVENUE								
1 + 25.0 LT	to 1 + 33 LT	8	6.0	0.4	8.0	0.3	0.7	0.8
1 + 25 RT	to 9 + 43 RT	818	6.0	0.4	8.0	0.3	75.7	80.8
10 + 25 RT	to 12 + 85 RT	260	6.0	0.4	8.0	0.3	24.1	25.7
12 + 85 RT	to 12 + 89 RT	11	4.0	0.4	8.0	0.3	0.7	1.1
12 + 89 RT	to 13 + 39 RT	50	6.0	0.4	8.0	0.3	4.6	4.9
13 + 39 RT	to 13 + 43 RT	11	4.0	0.4	8.0	0.3	0.7	1.1
13 + 43 RT	to 13 + 97 RT	54	6.0	0.4	8.0	0.3	5.0	5.3
13 + 92 LT	to 13 + 97 LT	10	5.0	0.4	9.0	0.3	0.8	1.1

STATION BEGIN	STATION END	SIDEWALK LENGTH (FT)	EARTH EXCAVATION WIDTH (FT)	EARTH EXCAVATION DEPTH (FT)	UNSUITABLE SOILS WIDTH (FT)	UNSUITABLE SOILS DEPTH (FT)	EARTH EXCAVATION (CU YD)	UNSUITABLE AREA (CU YD)
LAVERGNE AVENUE								
+ 59.0 RT	to + 67 RT	8	5.0	0.4	9.0	0.3	0.6	0.9
+ 67 RT	to + 72 RT	24	5.0	0.4	9.0	0.3	1.9	2.7
+ 72 RT	to + 86 RT	14	5.0	0.4	9.0	0.3	1.1	1.6
1 + 15 RT	to 1 + 50 RT	35	5.0	0.4	9.0	0.3	2.7	3.9
1 + 50 RT	to 1 + 56 RT	7	5.0	0.4	9.0	0.3	0.5	0.8
1 + 56 RT	to 4 + 61 RT	305	5.0	0.4	9.0	0.3	23.5	33.9
4 + 61 RT	to 4 + 74 RT	14	5.0	0.4	9.0	0.3	1.1	1.6
4 + 74 RT	to 5 + 26 RT	52	5.0	0.4	9.0	0.3	4.0	5.8
5 + 26 RT	to 5 + 40 RT	16	5.0	0.4	9.0	0.3	1.2	1.8
5 + 40 RT	to 7 + 52.0 RT	212	5.0	0.4	9.0	0.3	16.4	23.6
7 + 52.0 RT	to 9 + 78 RT	199	5.0	0.4	9.0	0.3	15.4	22.1
9 + 78 RT	to 9 + 90 RT	13	5.0	0.4	9.0	0.3	1.0	1.4
9 + 90 RT	to 11 + 09 RT	119	5.0	0.4	9.0	0.3	9.2	13.2
11 + 09 RT	to 11 + 18 RT	10	5.0	0.4	9.0	0.3	0.8	1.1
11 + 18 RT	to 12 + 60 RT	142	5.0	0.4	9.0	0.3	11.0	15.8
12 + 60.0 RT	to 12 + 74 RT	15	5.0	0.4	9.0	0.3	1.2	1.7
12 + 74 RT	to 13 + 65 RT	91	5.0	0.4	9.0	0.3	7.0	10.1
13 + 65 RT	to 13 + 77 RT	13	5.0	0.4	9.0	0.3	1.0	1.4
13 + 77 RT	to 14 + 21 RT	44	5.0	0.4	9.0	0.3	3.4	4.9
14 + 48 RT	to 14 + 59 RT	11	5.0	0.4	9.0	0.3	0.8	1.2
14 + 59 RT	to 14 + 64 RT	28	5.0	0.4	9.0	0.3	2.2	3.1
14 + 64 RT	to 20 + 86 RT	622	5.0	0.4	9.0	0.3	48.0	69.1
21 + 16 RT	to 27 + 58 RT	642	5.0	0.4	9.0	0.3	49.5	71.3
27 + 80 RT	to 27 + 96 RT	16	5.0	0.4	9.0	0.3	1.2	1.8
28 + 53.0 RT	to 32 + 52 RT	399	5.0	0.4	9.0	0.3	30.8	44.3
34 + 09 RT	to 34 + 13 RT	4	5.0	0.4	9.0	0.3	0.3	0.4
34 + 43 RT	to 41 + 38 RT	695	5.0	0.4	9.0	0.3	53.6	77.2
41 + 38 RT	to 41 + 68 RT	22	5.0	0.4	9.0	0.3	1.7	2.4
41 + 68 RT	to 42 + 18 RT	50	6.0	0.4	8.0	0.3	4.6	4.9
42 + 34 RT	to 42 + 56 RT	22	6.0	0.4	8.0	0.3	2.0	2.2
42 + 56 RT	to 42 + 77 RT	23	5.0	0.4	9.0	0.3	1.8	2.6
42 + 77 RT	to 47 + 38 RT	461	5.0	0.4	9.0	0.3	35.6	51.2
SUBTOTAL (CU YDS)							905.8	1212.8
VOLUME PAID FOR AS DRIVEWAY PAVEMENT REMOVAL								-179.3
TOTAL (CU YDS)							906	1033

DETECTABLE WARNINGS	
STATION	SQ FT
LECLAIRE AVENUE	
1 + 15 RT	10
7 + 50 RT	10
7 + 80 RT	10
14 + 15 RT	10
14 + 45 RT	10
20 + 83 RT	10
21 + 15 RT	10
40 + 85 RT	10
41 + 12 RT	10
LAVERGNE AVENUE	
+ 71 RT	10
+ 81 RT	10
1 + 15 RT	10
7 + 51 RT	10
7 + 80 RT	10
14 + 20 RT	10
14 + 47 RT	10
14 + 61 RT	10
20 + 85 RT	10
21 + 16 RT	10
27 + 58 RT	10
27 + 82 RT	10
34 + 20 RT	10
34 + 44 RT	10
LAPORTE AVENUE	
1 + 35 LT	10
1 + 35 RT	10
13 + 92 LT	10
13 + 92 RT	10
LAPORTE AVENUE	
1 + 31 LT	10
1 + 31 RT	10
9 + 42 RT	10
10 + 26 RT	30
13 + 95 LT	10
13 + 95 RT	10
TOTAL	
	350

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT		
STATION BEGIN	STATION END	LENGTH (FT)
LECLAIRE AVENUE		
158TH ST. (NE)	to 158TH ST. (NE)	11.0
157TH ST. (SE)	to 157TH ST. (SE)	11.0
157TH ST. (NE)	to 157TH ST. (NE)	11.0
156TH ST. (SE)	to 156TH ST. (SE)	11.0
156TH ST. (NE)	to 156TH ST. (NE)	11.0
155TH ST. (SE)	to 155TH ST. (SE)	11.0
155TH ST. (NE)	to 155TH ST. (NE)	11.0
LAVERGNE AVENUE		
158TH ST. (SE)	to 158TH ST. (SE)	22.0
158TH ST. (NE)	to 158TH ST. (NE)	11.0
157TH ST. (SE)	to 157TH ST. (SE)	20.0
157TH ST. (NE)	to 157TH ST. (NE)	11.0
156TH ST. (SE)	to 156TH ST. (SE)	11.0
156TH ST. (NE)	to 156TH ST. (NE)	11.0
155TH ST. (SE)	to 155TH ST. (SE)	11.0
155TH ST. (NE)	to 155TH ST. (NE)	20.0
LAPORTE AVENUE		
153RD ST. (NW)	to 153RD ST. (NW)	11.0
153RD ST. (NE)	to 153RD ST. (NE)	11.0
7+85	to 8+23	38.0
8+50	to 8+86	36.0
9+72	to 9+92	20.0
11+40	to 12+00	60.0
151ST ST. (SW)	to 151ST ST. (SW)	11.0
151ST ST. (SE)	to 151ST ST. (SE)	11.0
LACROSSE AVENUE		
153RD ST. (NW)	to 153RD ST. (NW)	11.0
153RD ST. (NE)	to 153RD ST. (NE)	11.



LEGEND

- SIDEWALK REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

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 5600K...



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PLOT DATE = 12/1/2008	CHECKED - TMS	REVISED -
	DATE - 11-17-08	REVISED -

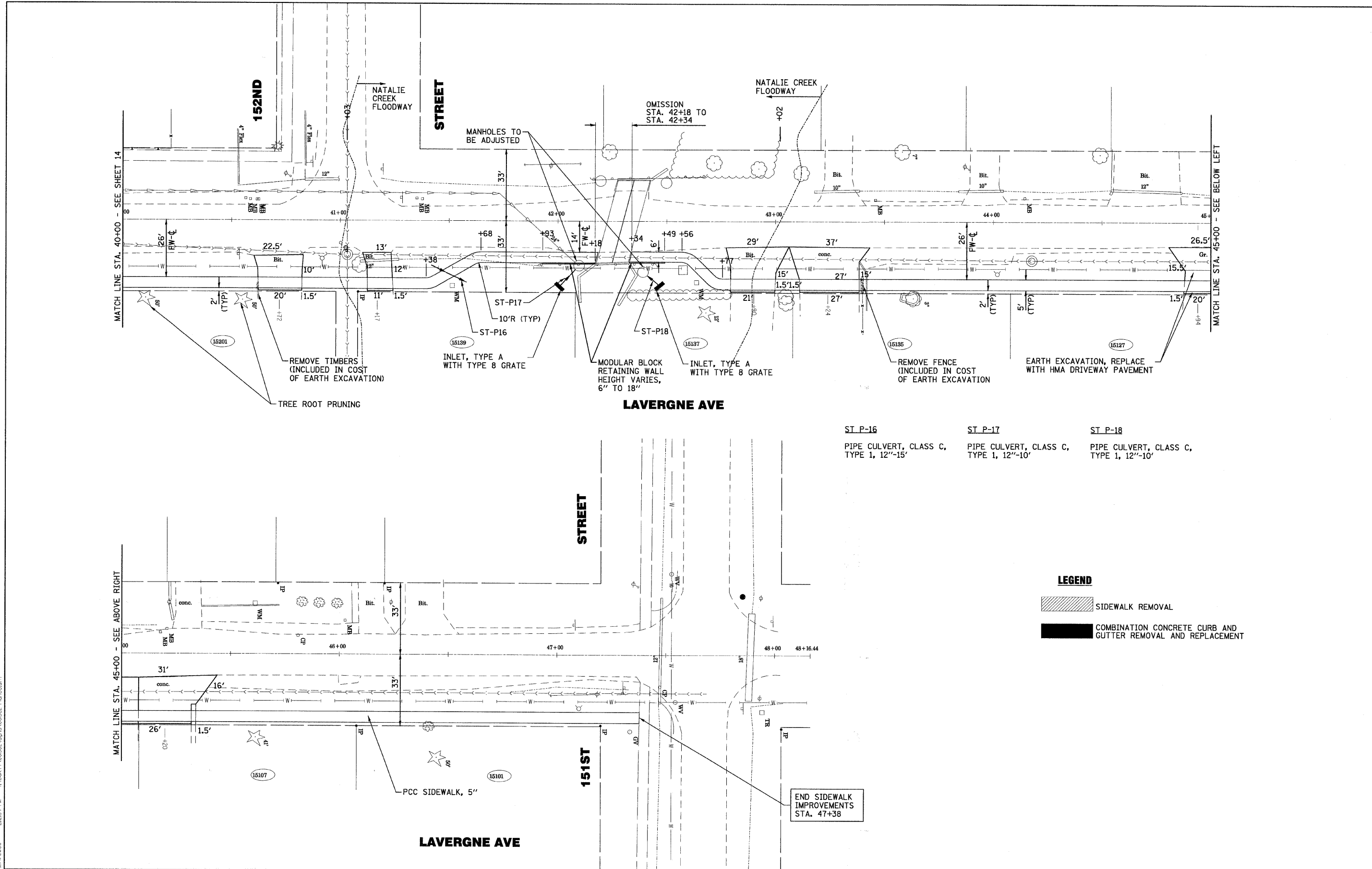
**CITY OF OAK FOREST, ILLINOIS
METRA STATION SIDEWALKS**

LAVERGNE AVENUE PLAN

SCALE: 1"=20'

STA. 31+00 TO STA. 40+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-0087-00-SW	COOK	48	14
CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



ST P-16
PIPE CULVERT, CLASS C,
TYPE 1, 12'-15'

ST P-17
PIPE CULVERT, CLASS C,
TYPE 1, 12'-10'

ST P-18
PIPE CULVERT, CLASS C,
TYPE 1, 12'-10'

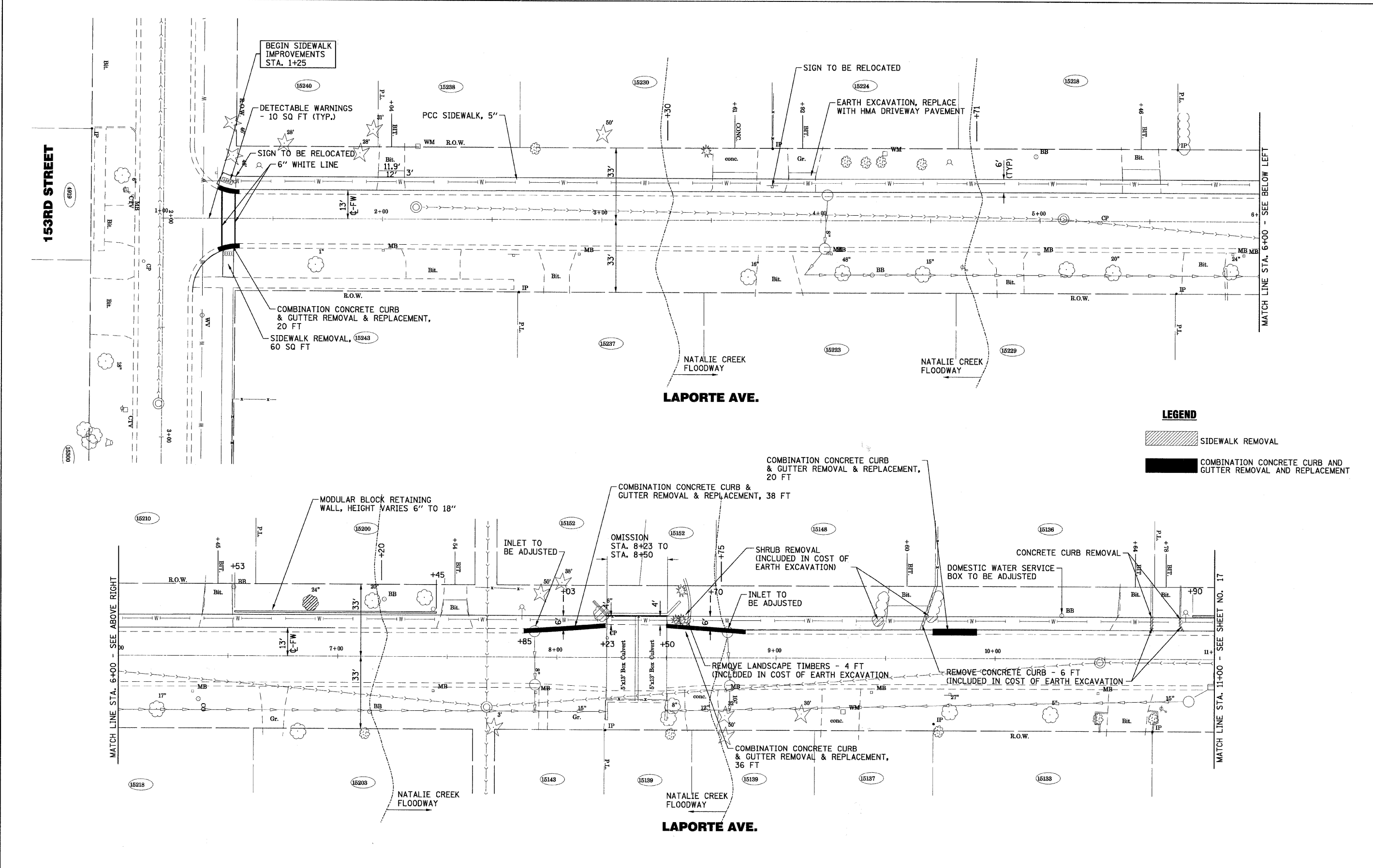
LEGEND

SIDEWALK REMOVAL

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

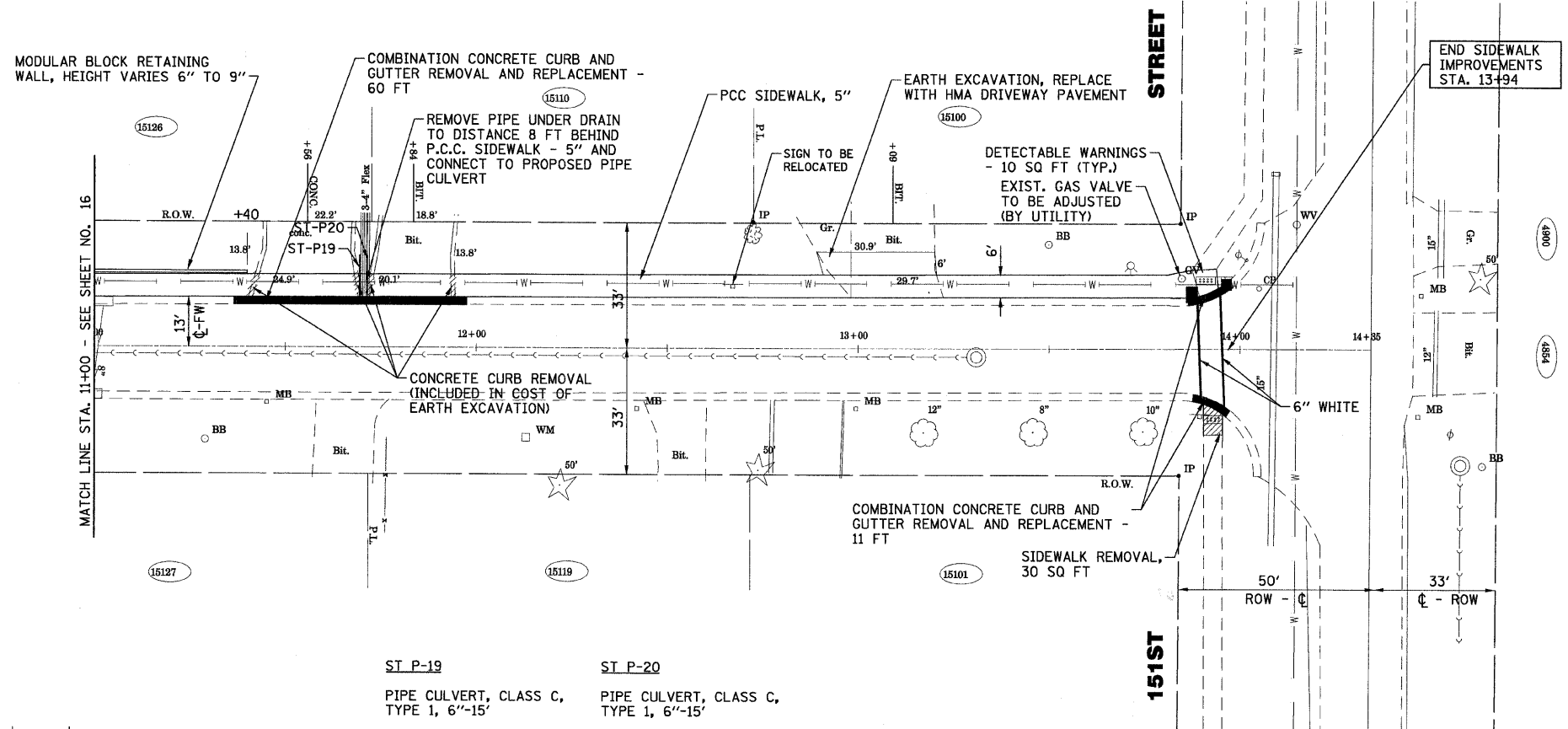
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 LICENSE NO. 021-072008-0001
 12/1/2008
 5600R2

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	PLOT SCALE = 1"=20'	CHECKED - TMS	REVISED -			07-00087-00-SW	COOK	48	15	
	PLOT DATE = 12/1/2008	DATE - 11-17-08	REVISED -	SCALE: 1"=20' STA. 40+00 TO STA. 48+00		CONTRACT NO. 63104				
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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 LICENSE NO. 00123456789
 DATE: 12/1/2008
 560KOR

USER NAME = 560kor	DESIGNED - TMS	REVISED - 12-01-08	CITY OF OAK FOREST, ILLINOIS METRA STATION SIDEWALKS	LAPORTE AVENUE PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = *SCALE*	DRAWN - BCD	REVISED -		SCALE:	STA. 1+00	TO STA. 11+00	07-00087-00-SW	COOK	48	16	
PLOT DATE = 12/1/2008	CHECKED - TMS	REVISED -									
	DATE - 11-17-08	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			CONTRACT NO. 63104



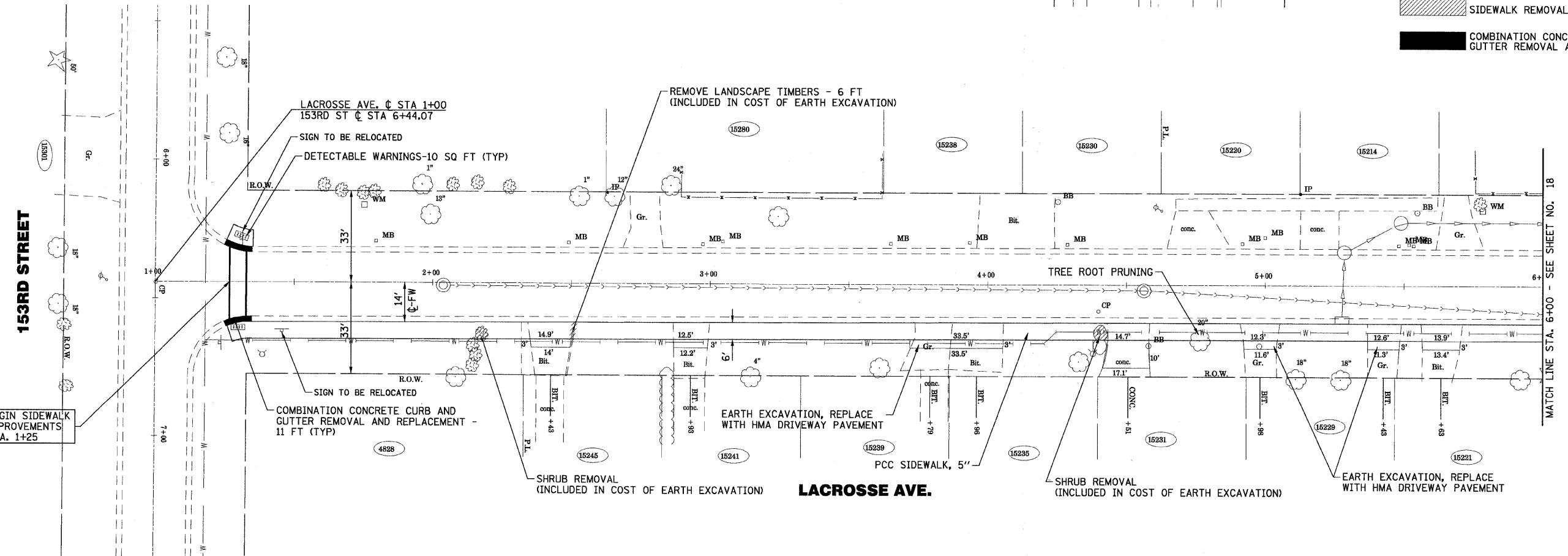
ST P-19
PIPE CULVERT, CLASS C,
TYPE 1, 6'-15'

ST P-20
PIPE CULVERT, CLASS C,
TYPE 1, 6'-15'

LEGEND

SIDEWALK REMOVAL

COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT



BEGIN SIDEWALK IMPROVEMENTS STA. 1+25

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 12/1/2008

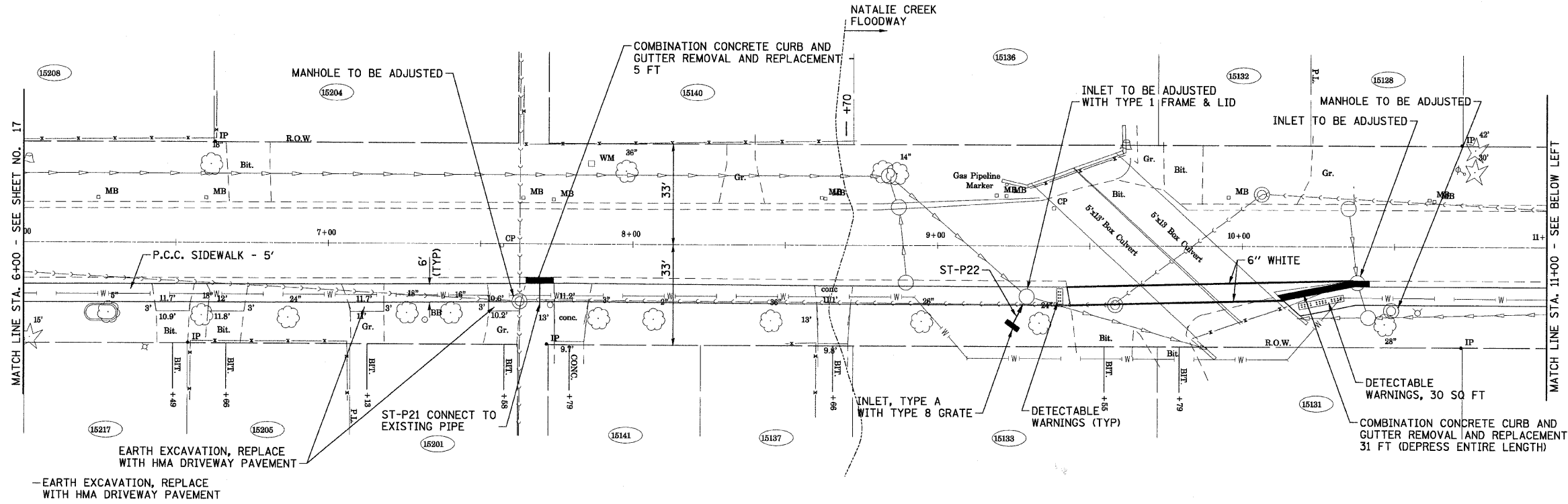
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	DATE - 11-17-08	REVISED -

**CITY OF OAK FOREST, ILLINOIS
METRA STATION SIDEWALKS**

LAPORTE AVENUE & LACROSSE AVENUE

SCALE: STA. TO STA.

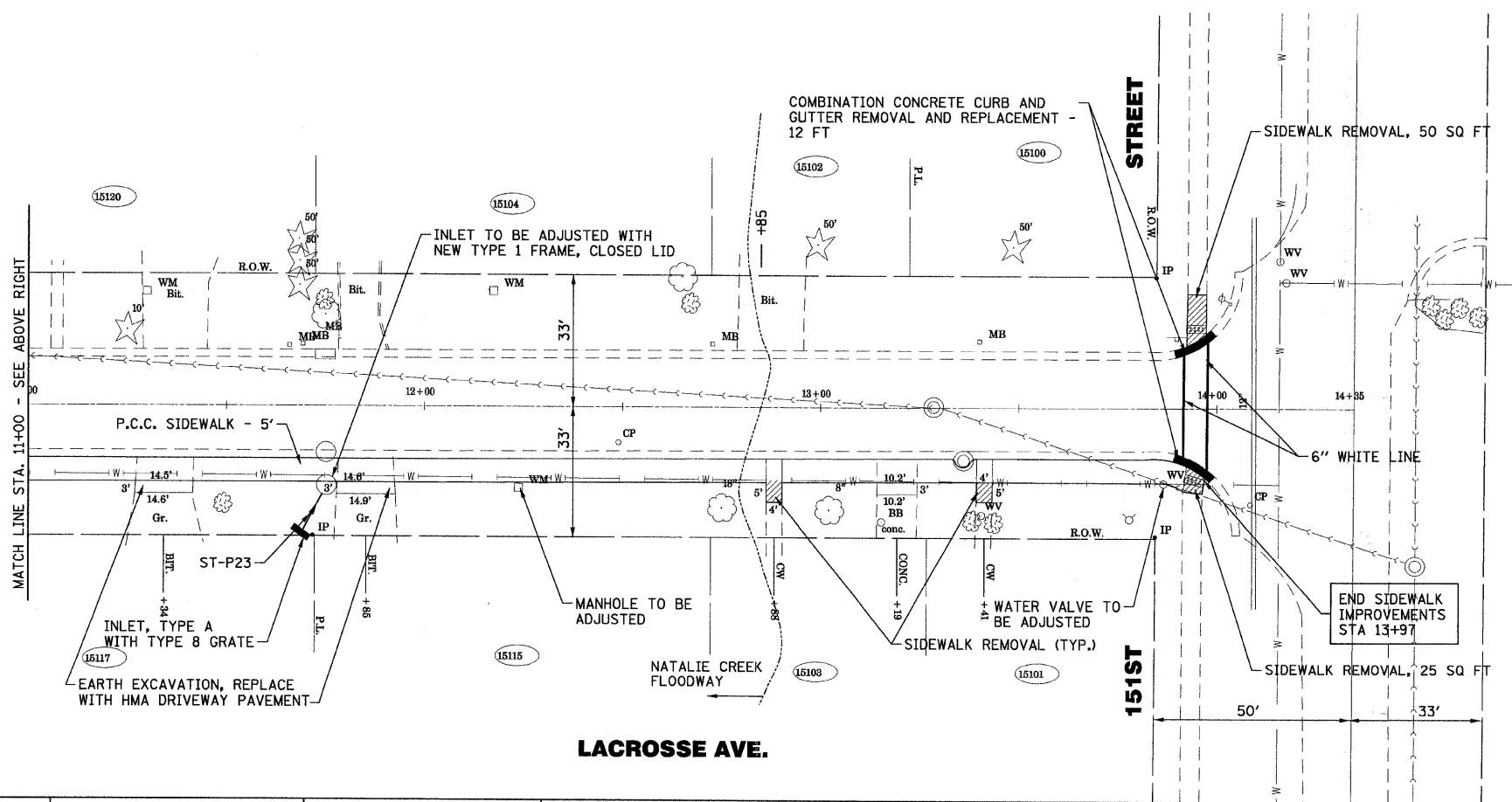
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	07-00087-00-SW	COOK	48	17
CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



LACROSSE AVE.

LEGEND

- SIDEWALK REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT



LACROSSE AVE.

- ST P-21**
PIPE CULVERT, CLASS C,
TYPE 1, 6'-10'
- ST P-22**
PIPE CULVERT, CLASS C,
TYPE 1, 12'-10'
- ST P-23**
PIPE CULVERT, CLASS C,
TYPE 1, 12'-10'

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PLOT DATE = 12/17/2008	CHECKED - TMS	REVISED -
	DATE - 11-17-08	REVISED -

**CITY OF OAK FOREST, ILLINOIS
METRA STATION SIDEWALKS**

LACROSSE AVENUE PLAN

SCALE: 1"=20'

STA. 6+00 TO STA. 14+35

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	18
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63104		

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 DATE - 11-17-08

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 DATE - 11-17-08

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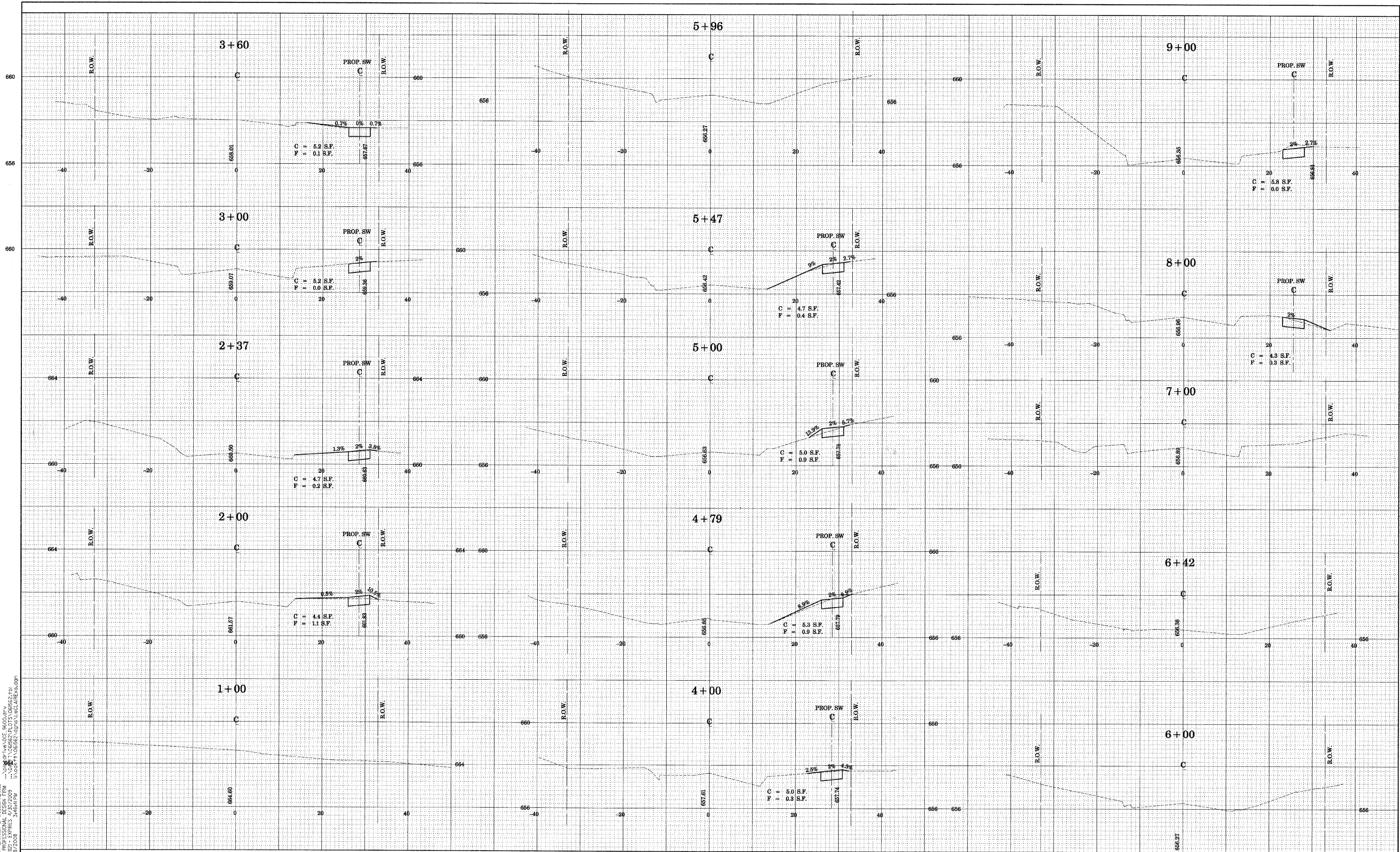
**CITY OF OAK FOREST, ILLINOIS
 LECLAIRE ST.
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

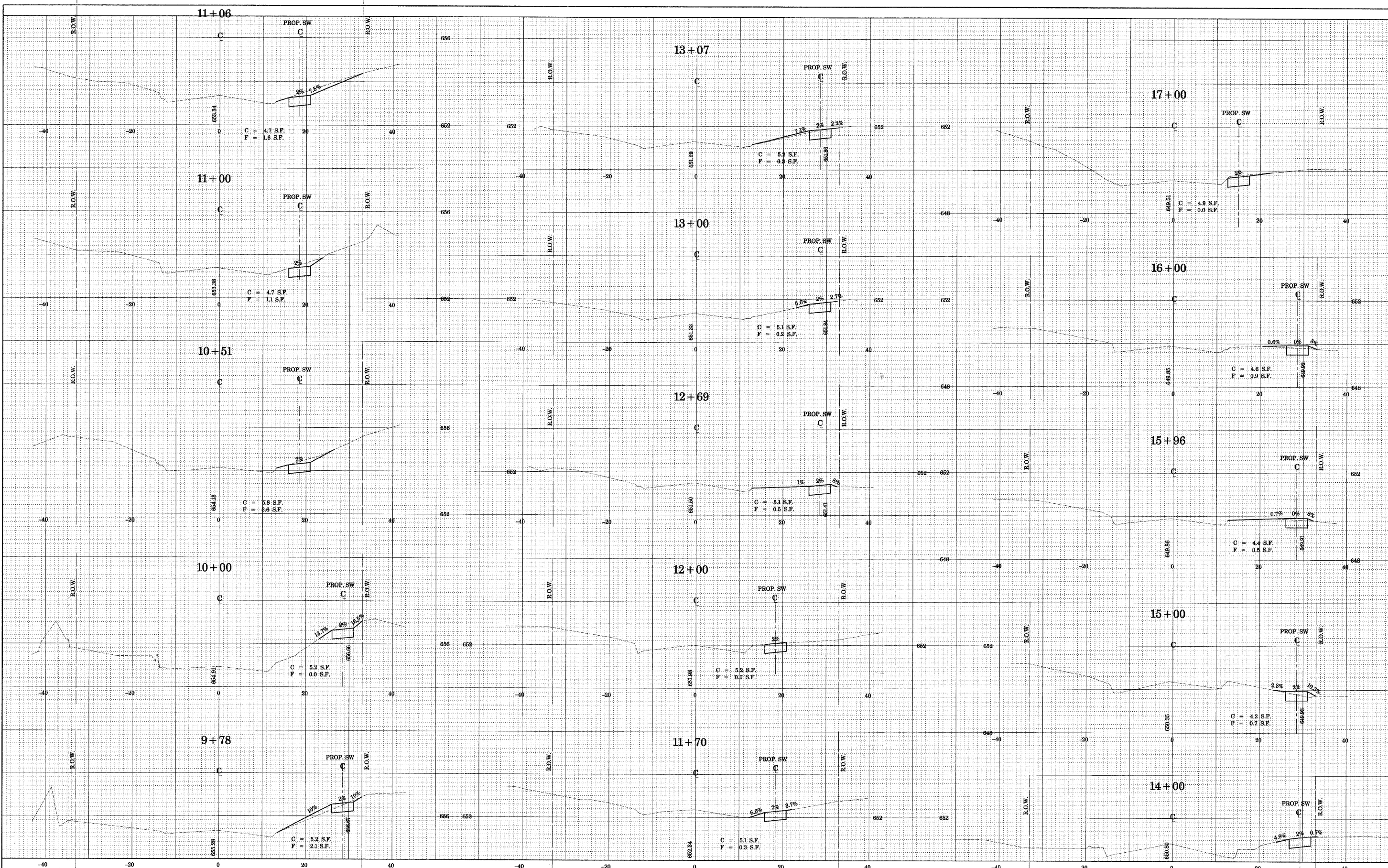
SCALE:

STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	19
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63104	



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 TEL: 309-246-1000 FAX: 309-246-1001
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 DATE: 11-17-08

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 CHECKED - TMS
 DRAWN - BCD
 DATE - 11-17-08

**CITY OF OAK FOREST, ILLINOIS
 LECLAIRE ST.
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS
 SCALE: STA. TO STA.

F.A. RTE.	C = 51 S.F. SECT 10.0 S.F.	COUNTY	TOTAL SHEETS	SHEET NO.
07-00087-00-SW	COOK	48	20	
CONTRACT NO. 63104				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

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 DRAWING NO. 63104-00



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 PLOT DATE = 11/19/2008

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 DATE - 11-17-08

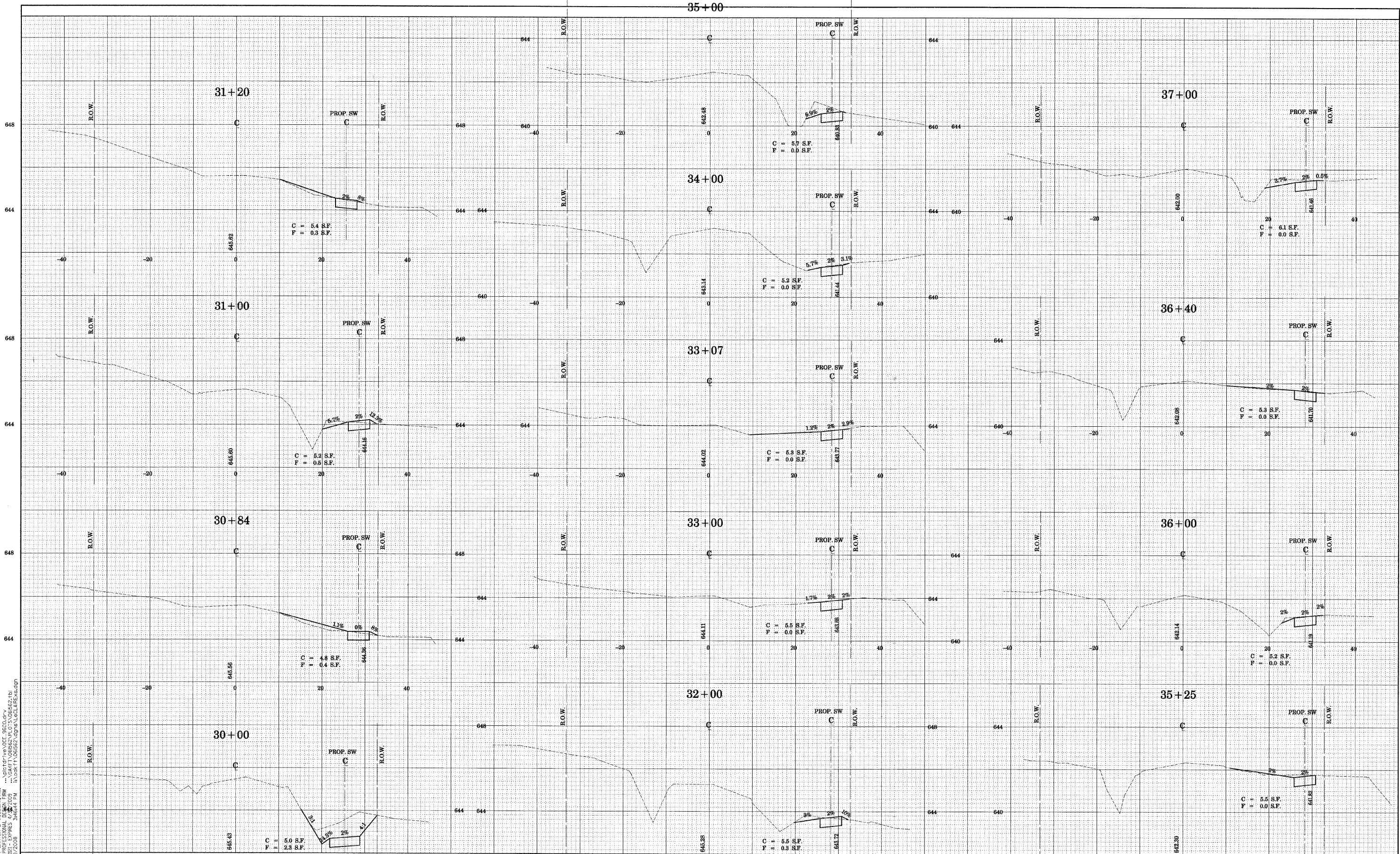
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**CITY OF OAK FOREST, ILLINOIS
 LECLAIRE ST.
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	23
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 63104				



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 CHICAGO, IL 60606
 PROJECT NO. 07-00087-00-SW
 SHEET NO. 24



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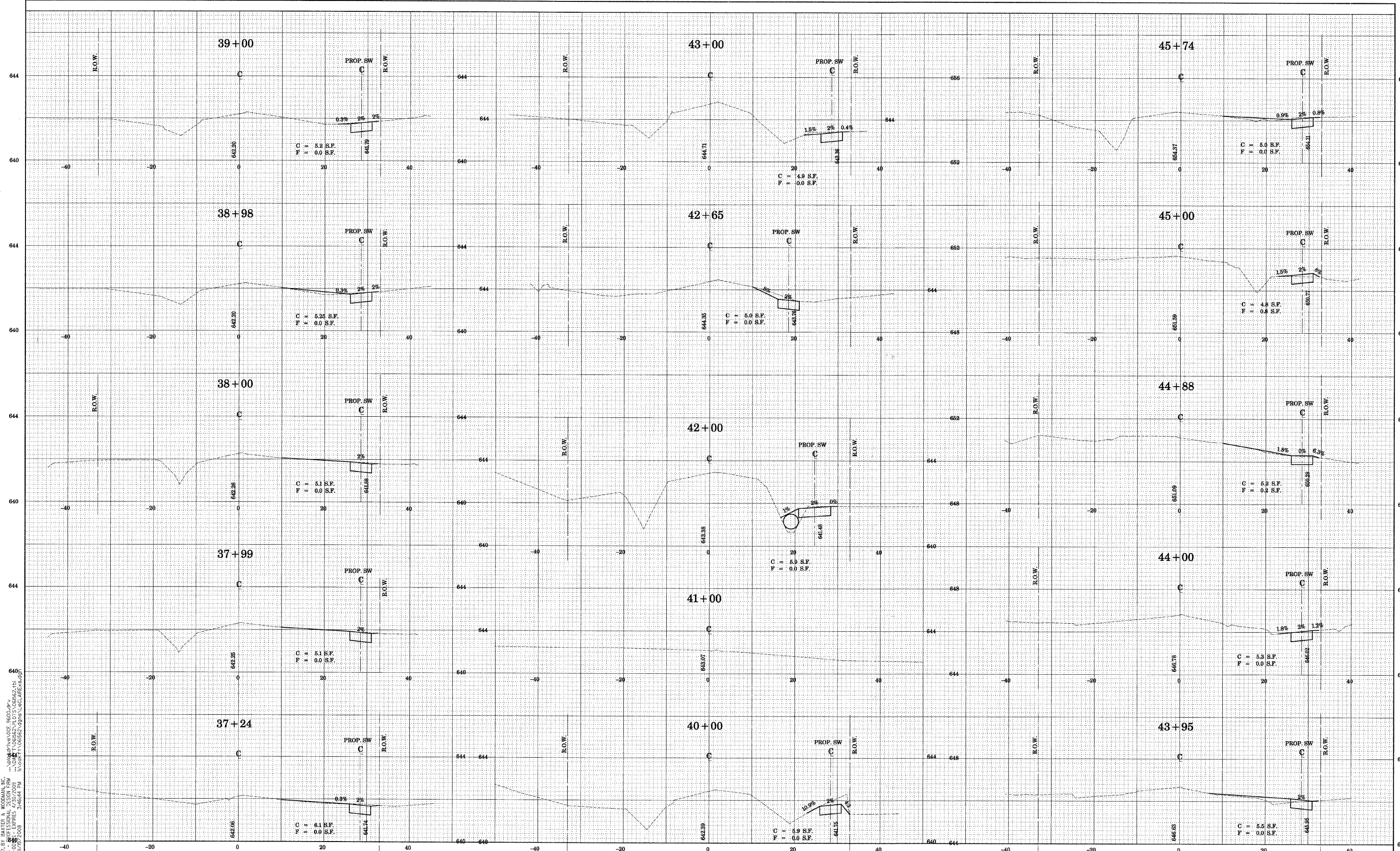
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**CITY OF OAK FOREST, ILLINOIS
 LECLAIRE ST.
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	24
CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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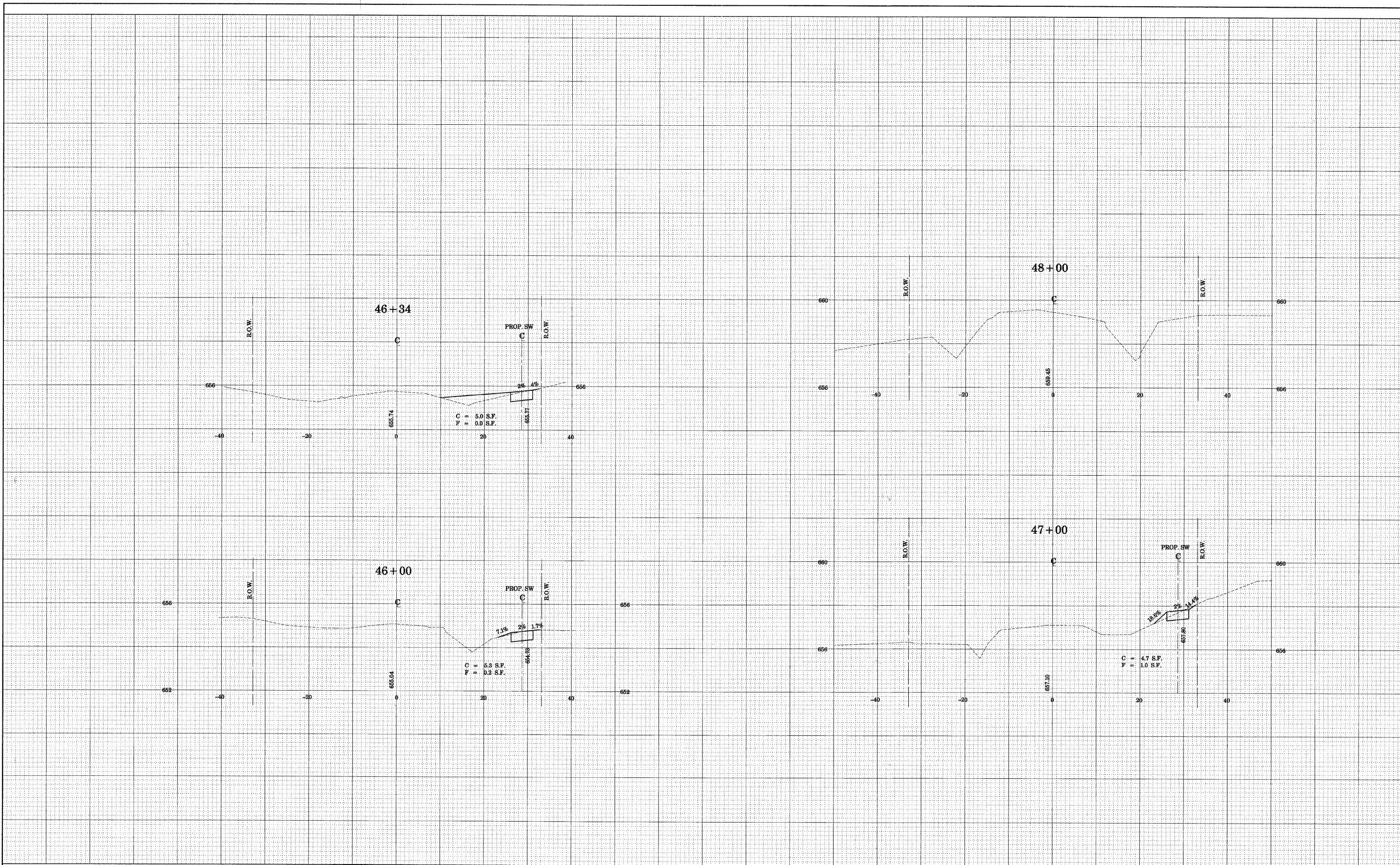
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**CITY OF OAK FOREST, ILLINOIS
 LECLAIRE ST.
 SIDEWALK IMPROVEMENTS**

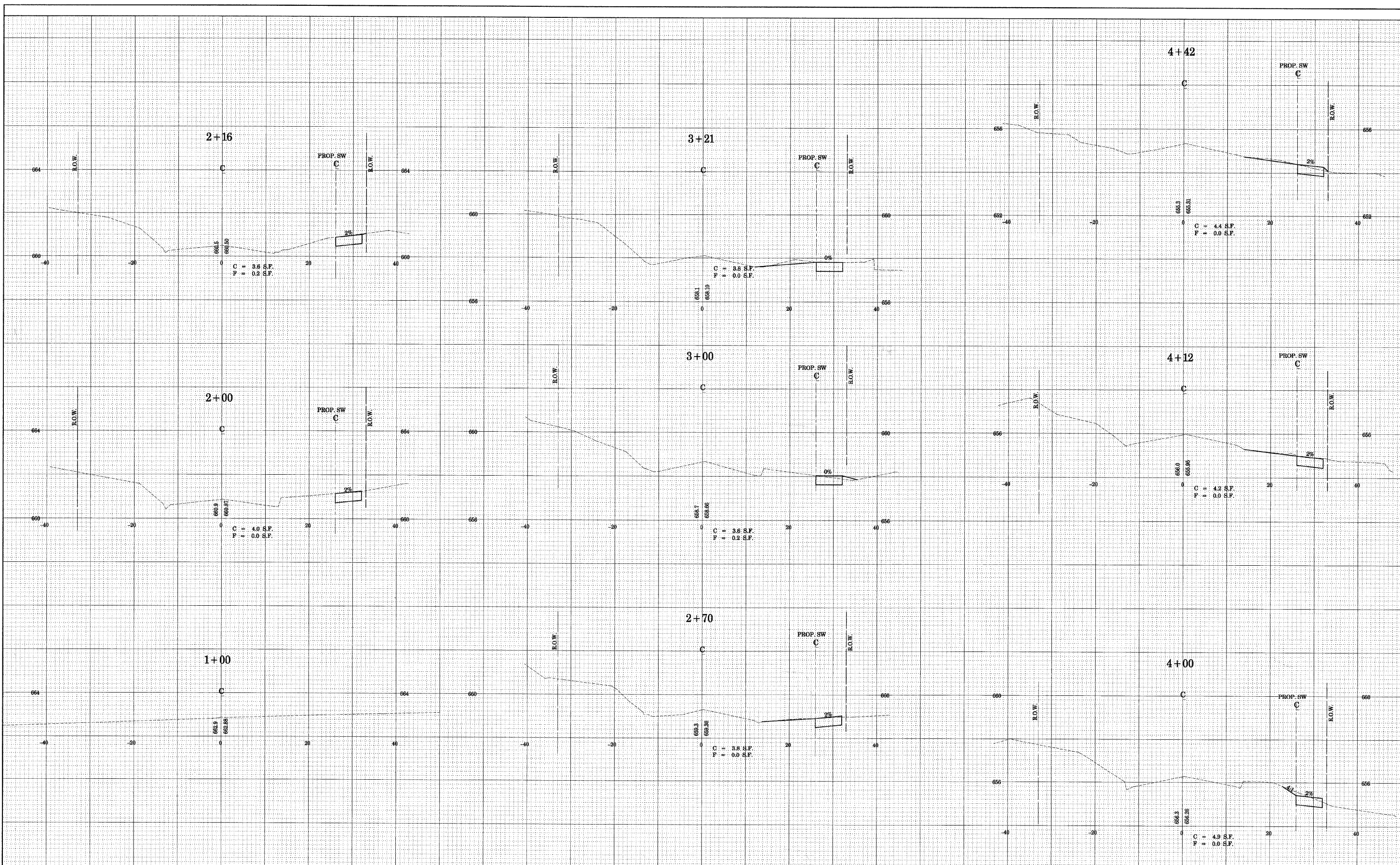
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CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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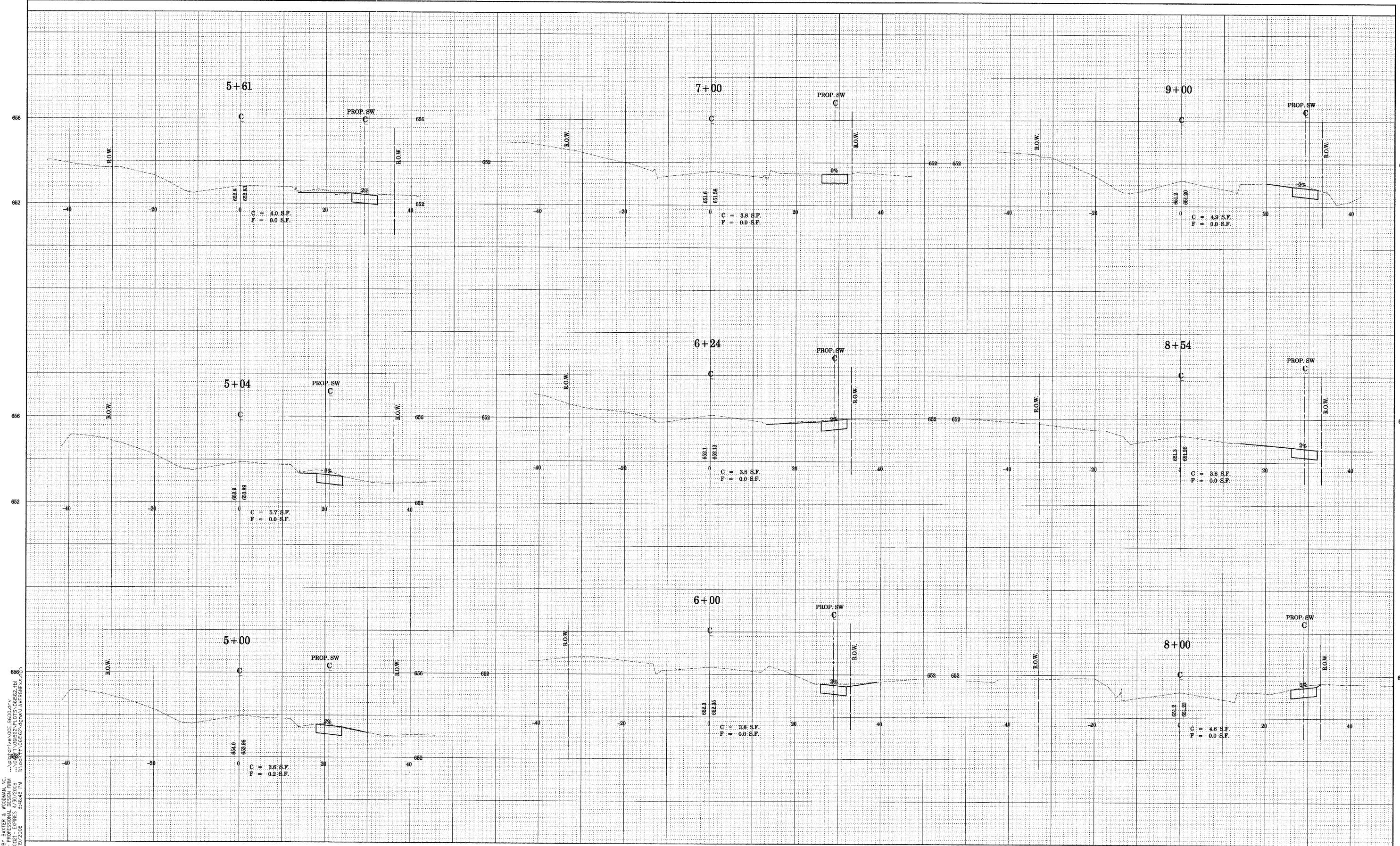
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**CITY OF OAK FOREST, ILLINOIS
 LAVERGNE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS
 SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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**CITY OF OAK FOREST, ILLINOIS
 LAVERGNE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63104		

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 DRAWING: 07-00087-00-SW-28



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 PLOT DATE: 11/19/2008

DESIGNED - TMS
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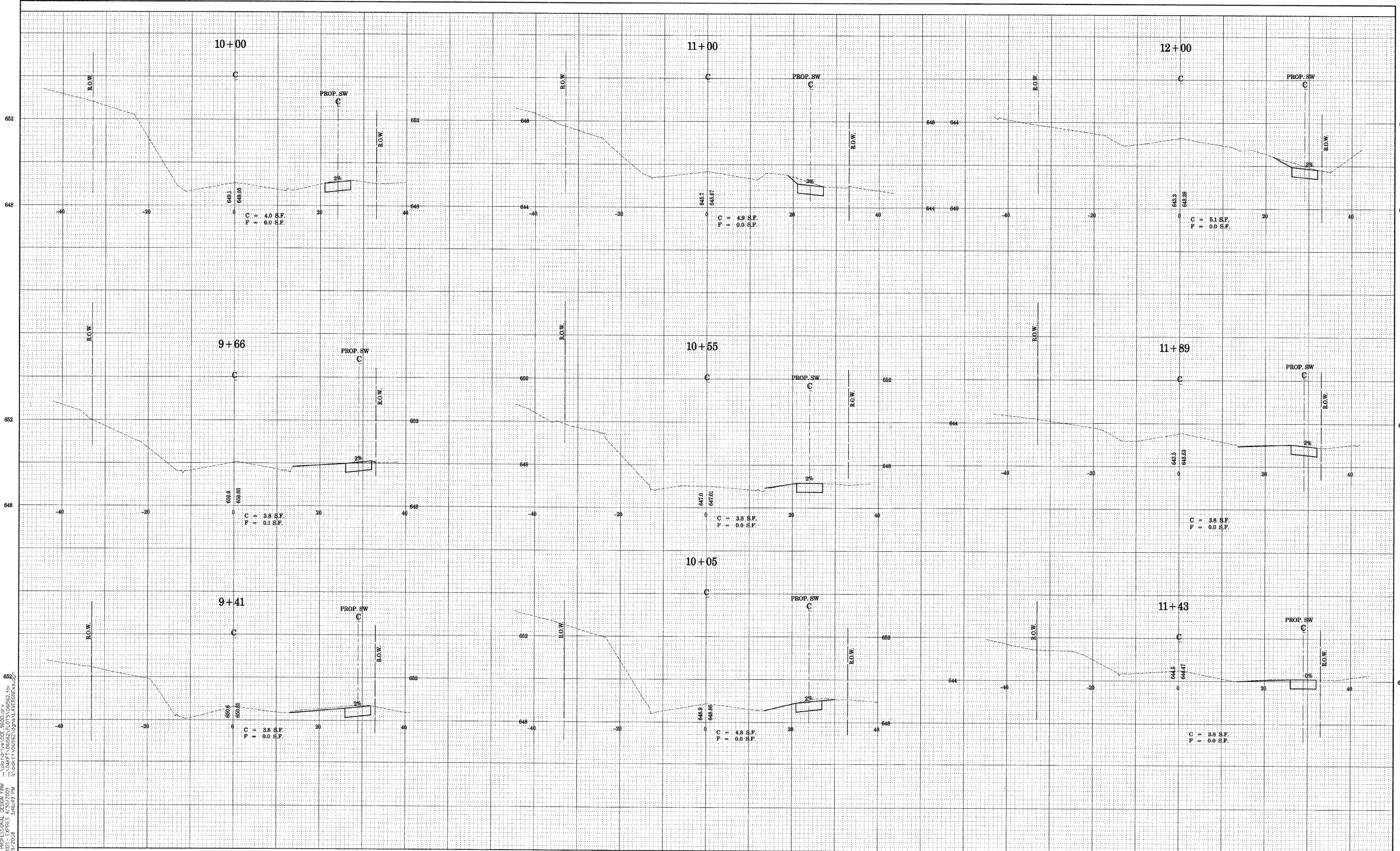
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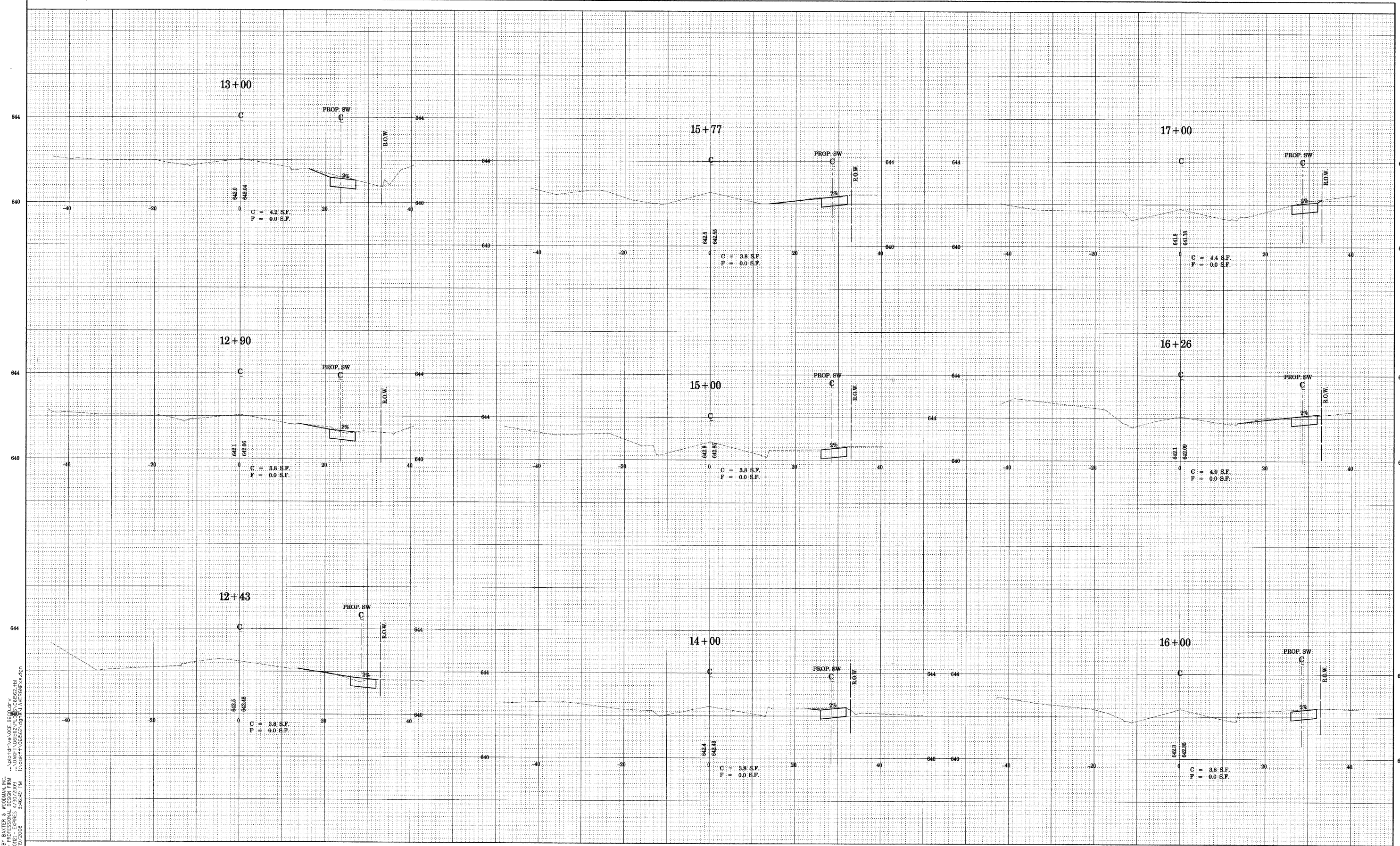
**CITY OF OAK FOREST, ILLINOIS
 LAVERGNE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	28
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63104		





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 PROJECT: LAKERGNE AVENUE SIDEWALK IMPROVEMENTS
 DRAWN BY: BCD
 CHECKED BY: TMS
 DESIGNED BY: TMS
 DATE: 11-17-08



DESIGNER: BAYTER & WOODMAN, INC.
 PLOT SCALE: AS SHOWN
 PLOT DATE: 11/19/2008

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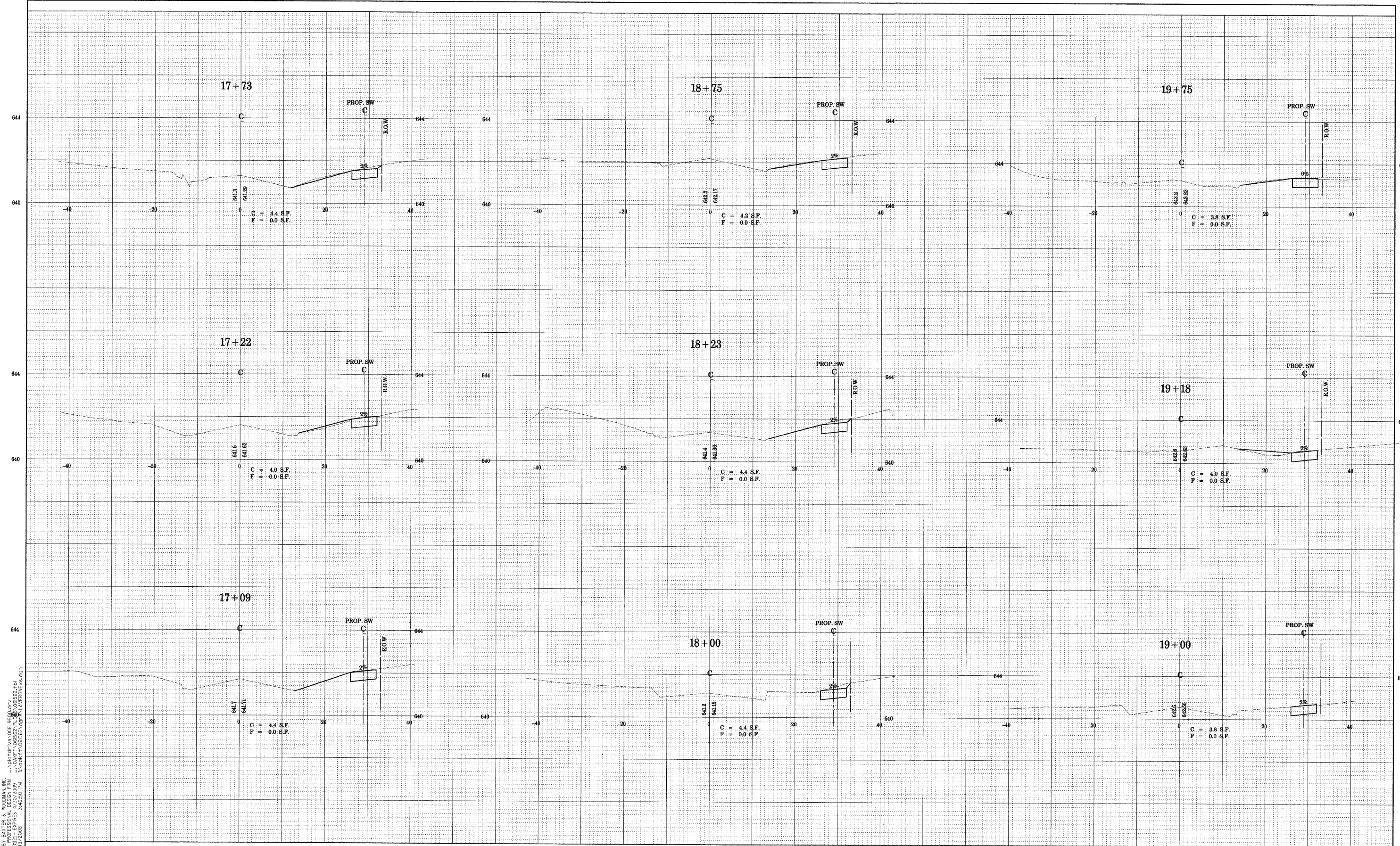
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**CITY OF OAK FOREST, ILLINOIS
 LAVERGNE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	29
CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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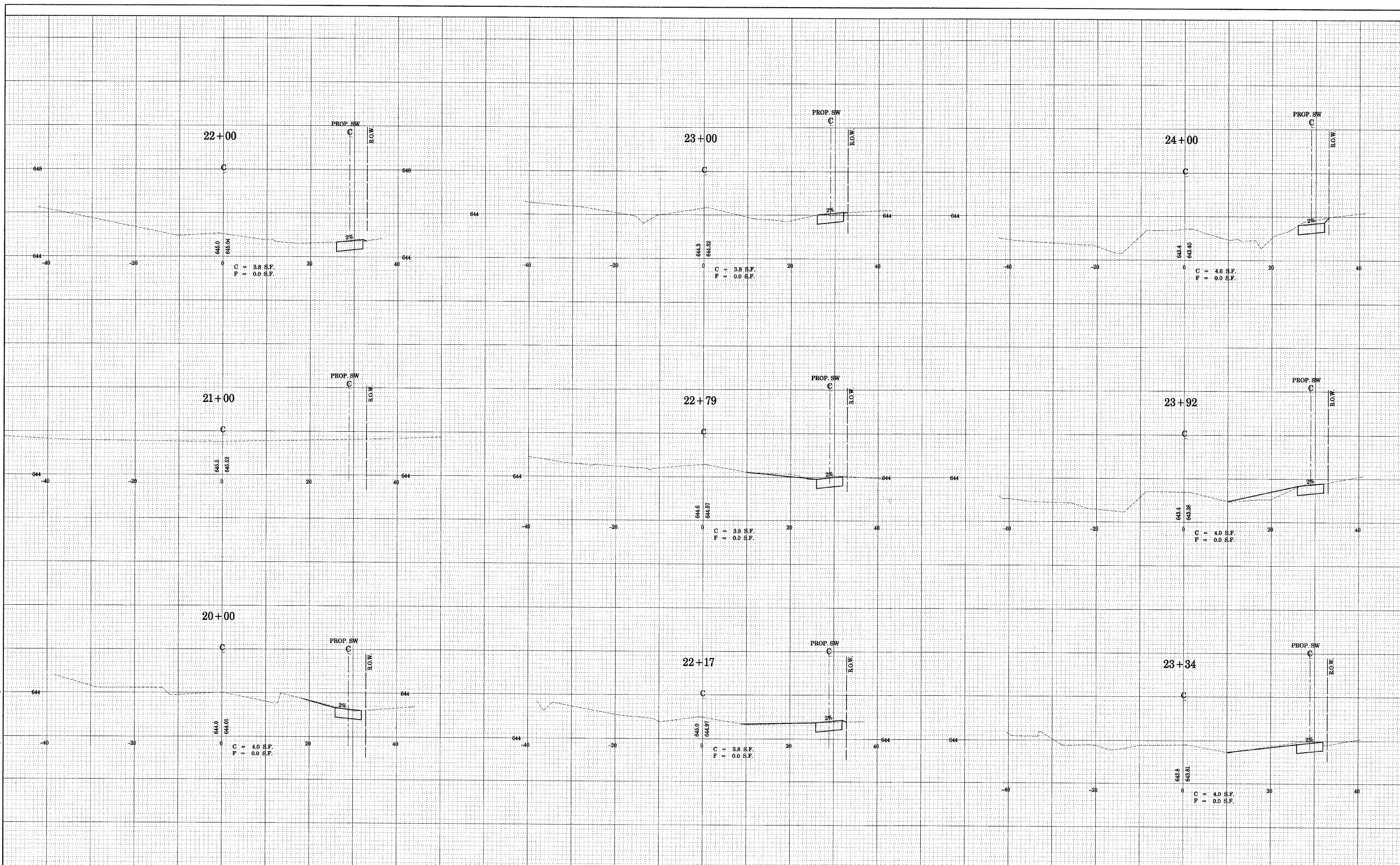
CITY OF OAK FOREST, ILLINOIS
LAVERGNE AVENUE
SIDEWALK IMPROVEMENTS

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63104	

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 PLOT DATE = 11/19/2008

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 CHECKED - TMS
 DRAWN - BCD
 DATE - 11-17-08

REVISED -
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**CITY OF OAK FOREST, ILLINOIS
 LAVERGNE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	31
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63104	

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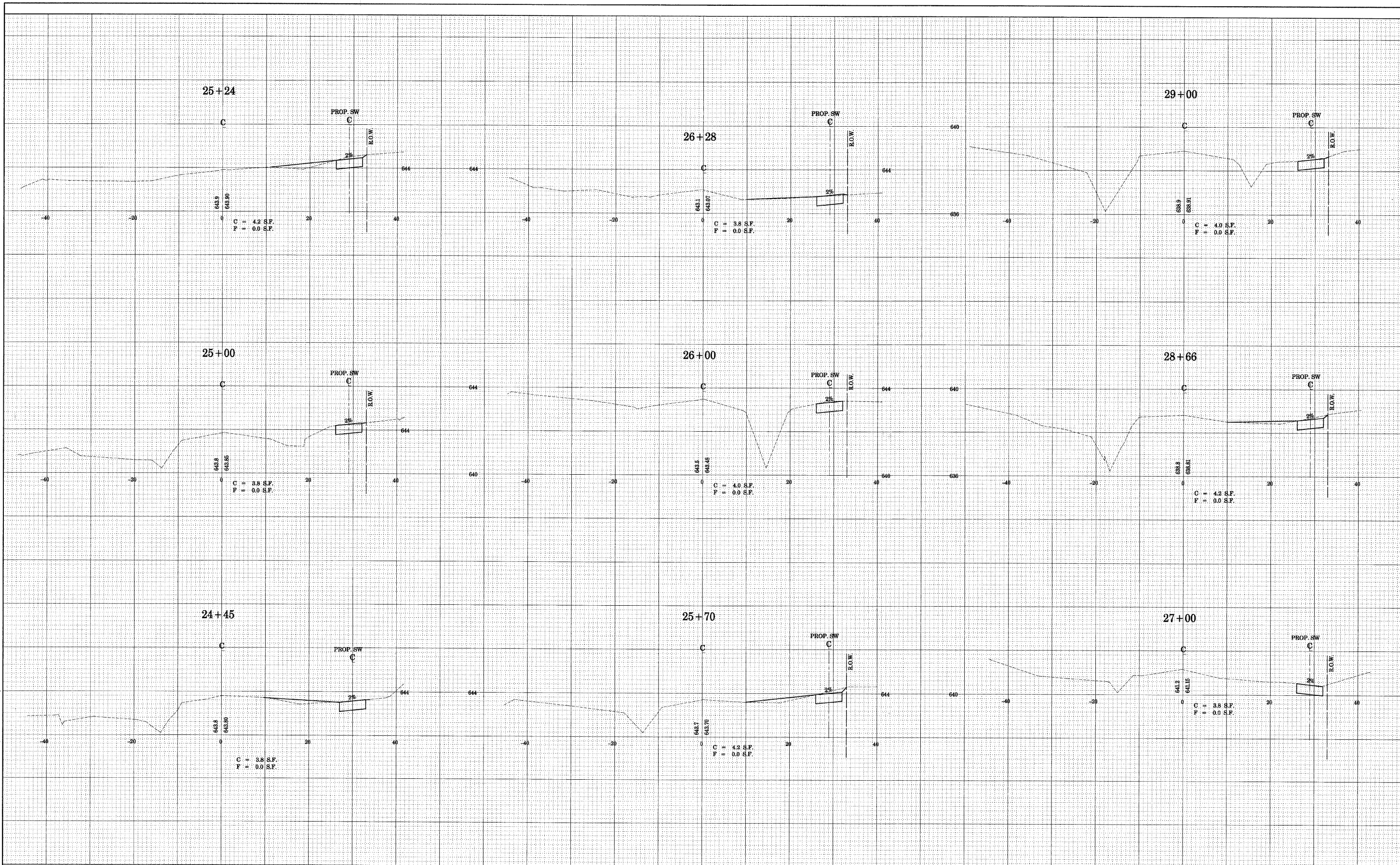
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 3 |

**CITY OF OAK FOREST, ILLINOIS
 LAVERGNE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	32
CONTRACT NO. 63104				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



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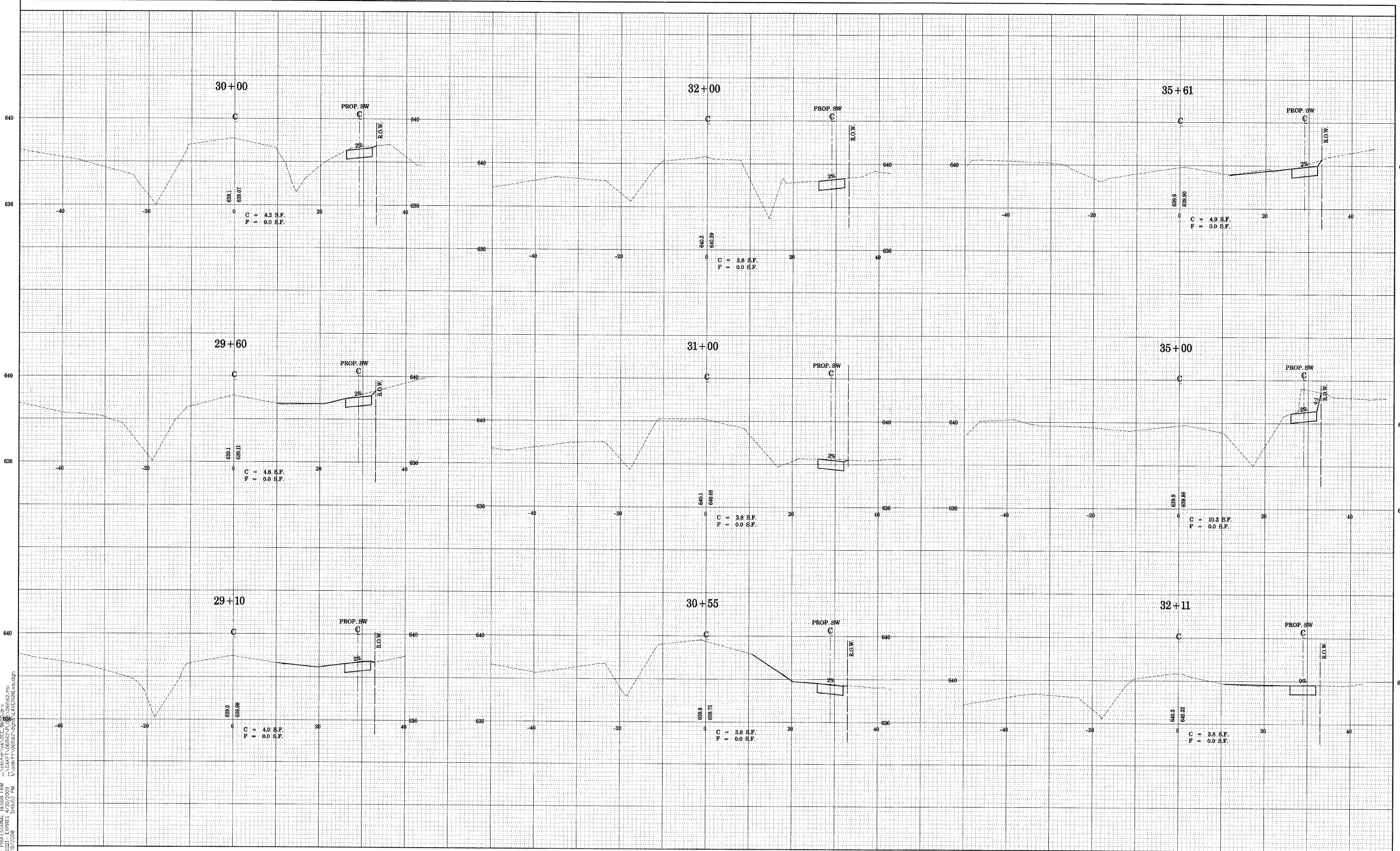
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**CITY OF OAK FOREST, ILLINOIS
 LAVERGNE AVENUE
 SIDEWALK IMPROVEMENTS**

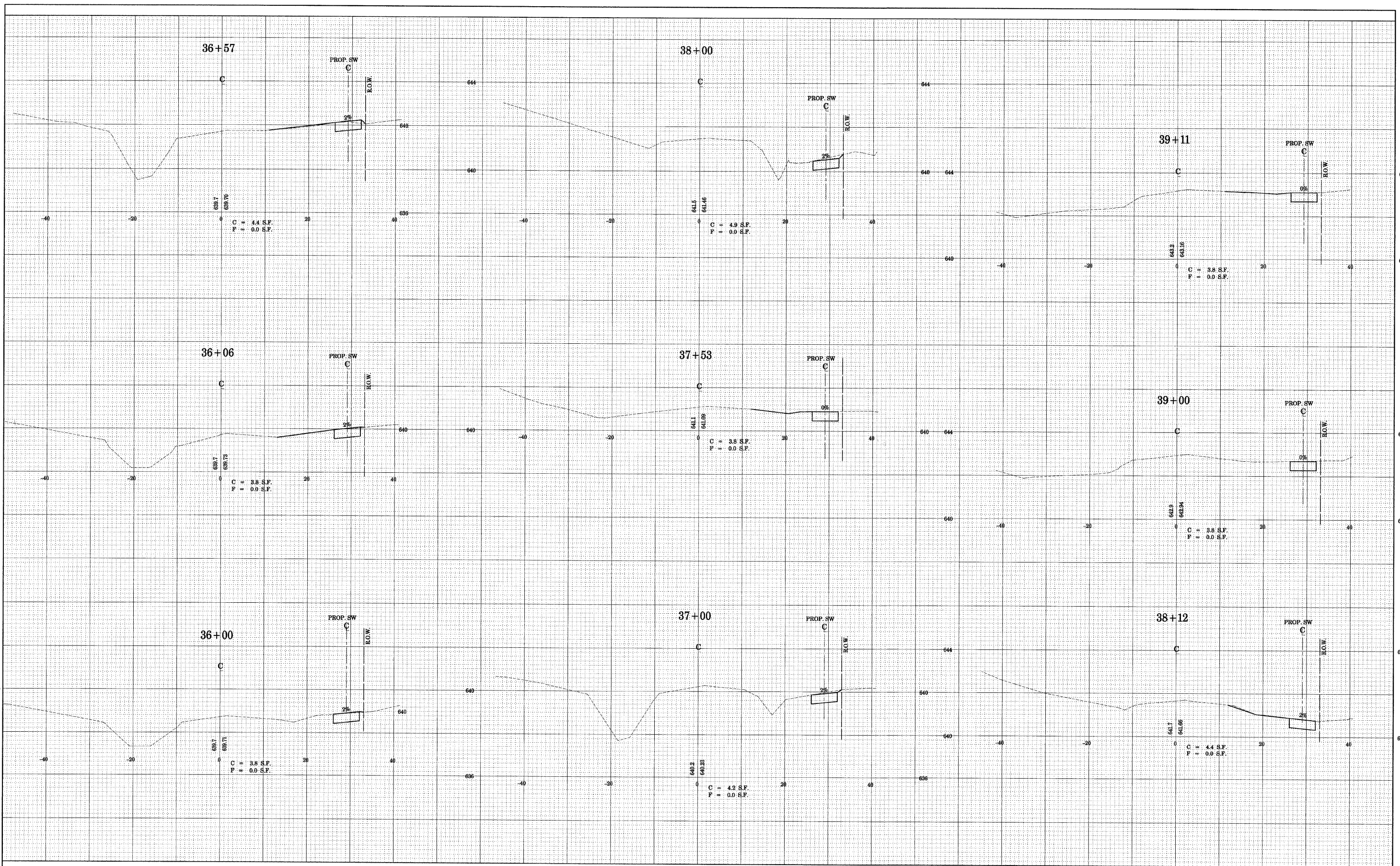
CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	33
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63104		



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BSBRT90MEY = 560kar
 PLOT SCALE = *SCALE*
 PLOT DATE = 11/19/2008

DESIGNED - TMS
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 DATE - 11-17-08

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**CITY OF OAK FOREST, ILLINOIS
 LAVERGNE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	34
CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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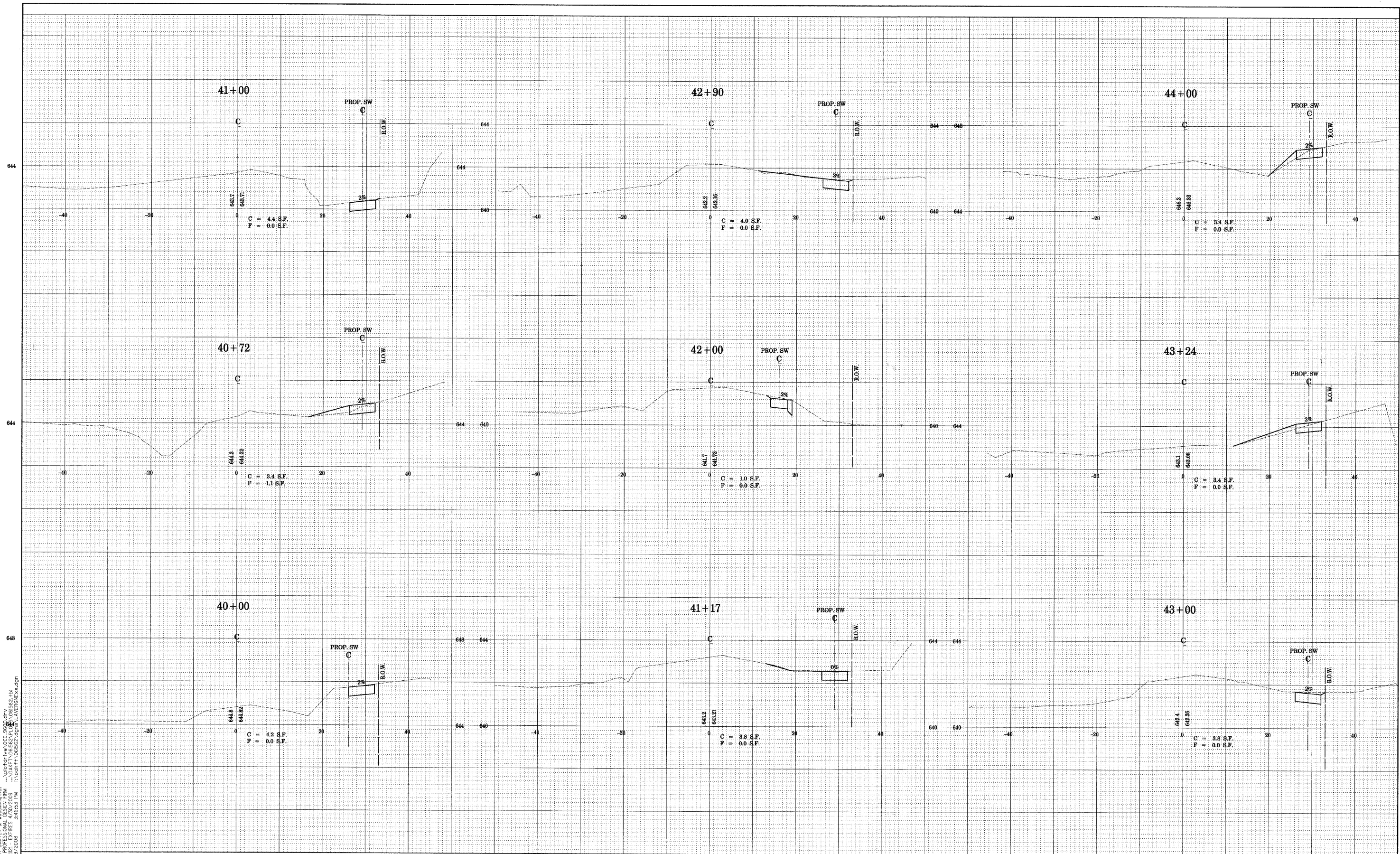
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CITY OF OAK FOREST, ILLINOIS
LAVERGNE AVENUE
SIDEWALK IMPROVEMENTS

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	35
CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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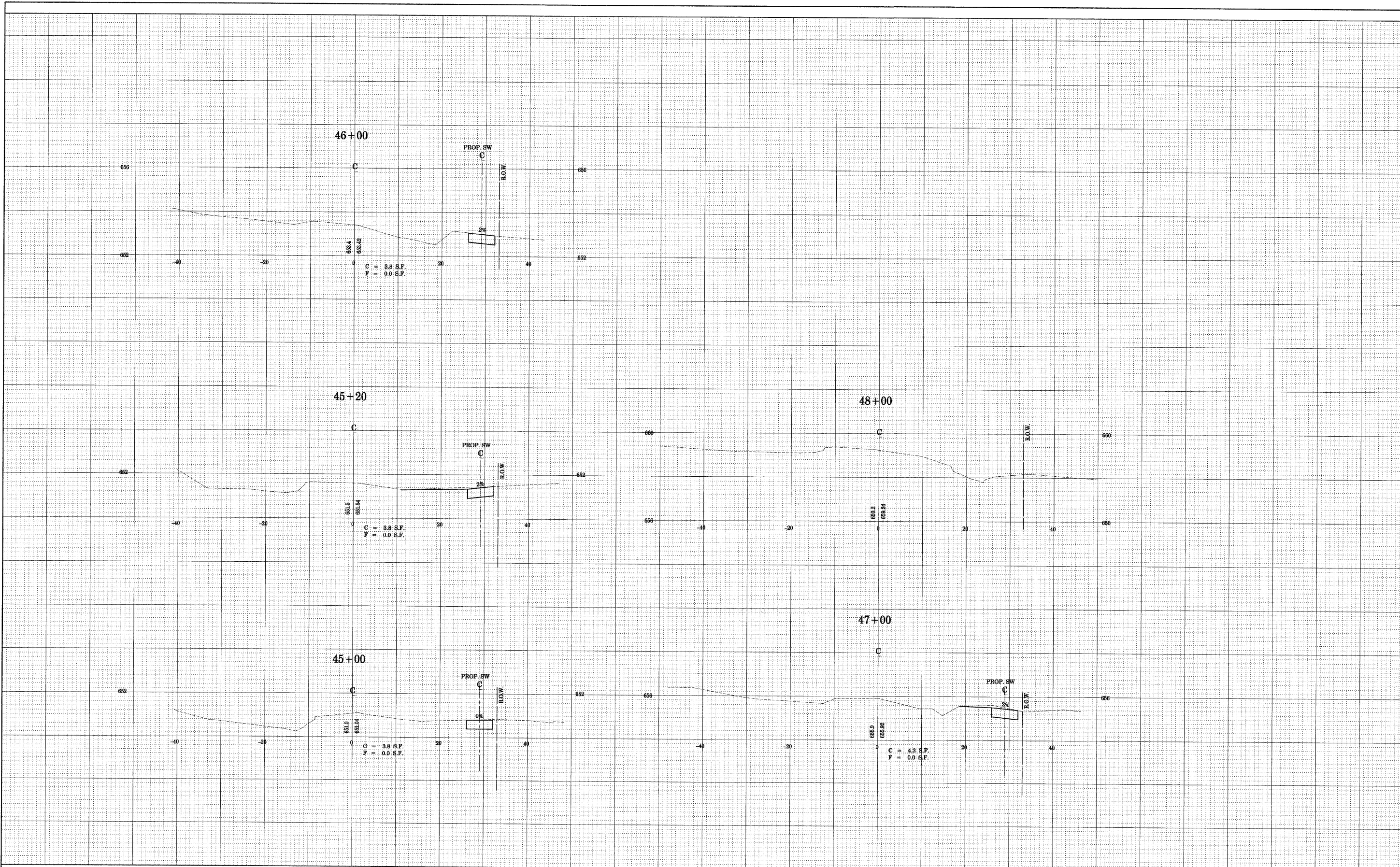
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DATE - 11-17-08	REVISED -

**CITY OF OAK FOREST, ILLINOIS
 LAVERGNE AVENUE
 SIDEWALK IMPROVEMENTS**

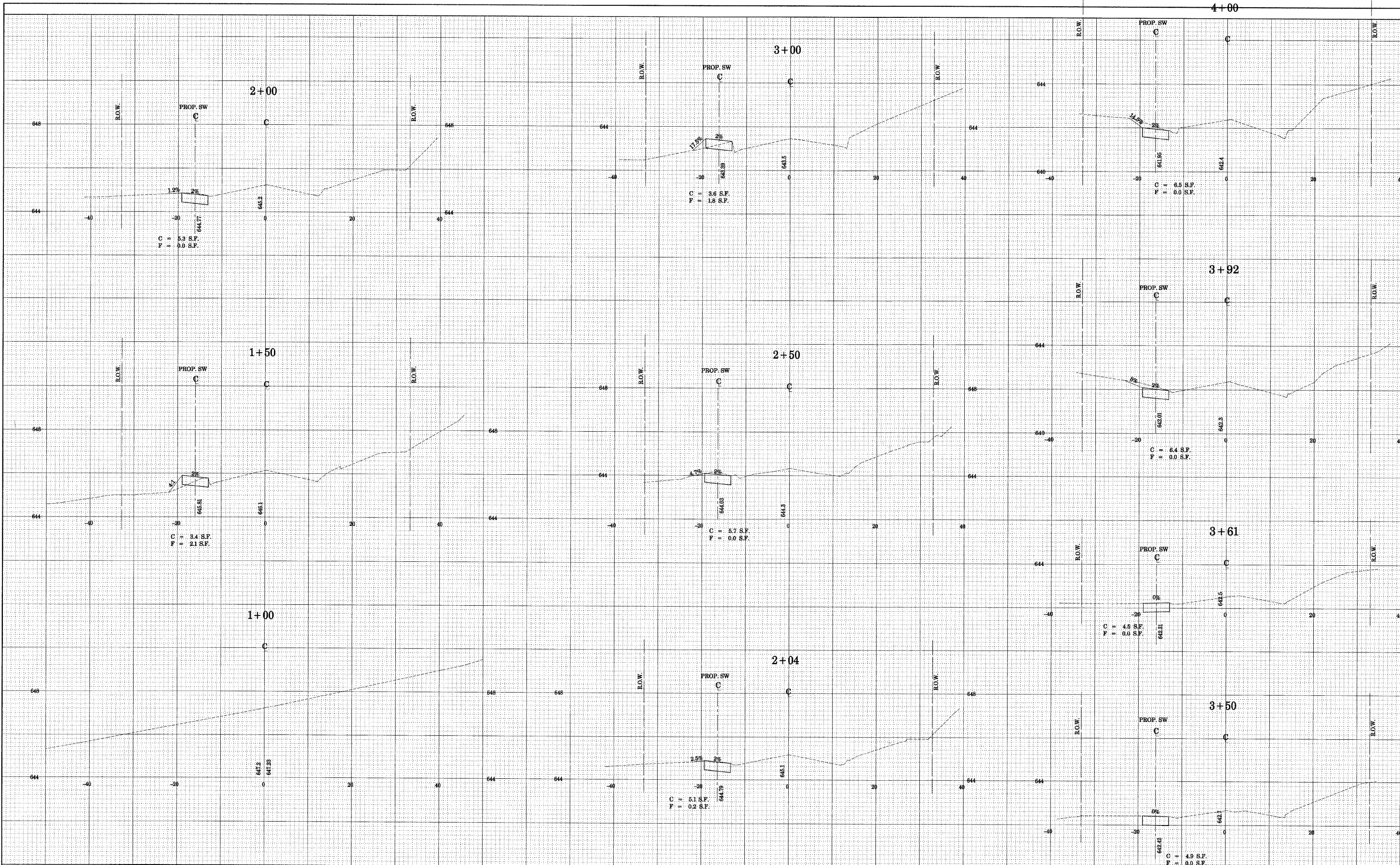
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63104	



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 11/19/2008
 PROJECT NO. 07-00087-00-SW
 SHEET NO. 37 OF 48
 DRAWN BY: BCD
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 DATE: 11-17-08



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DATE - 11-17-08	REVISED -

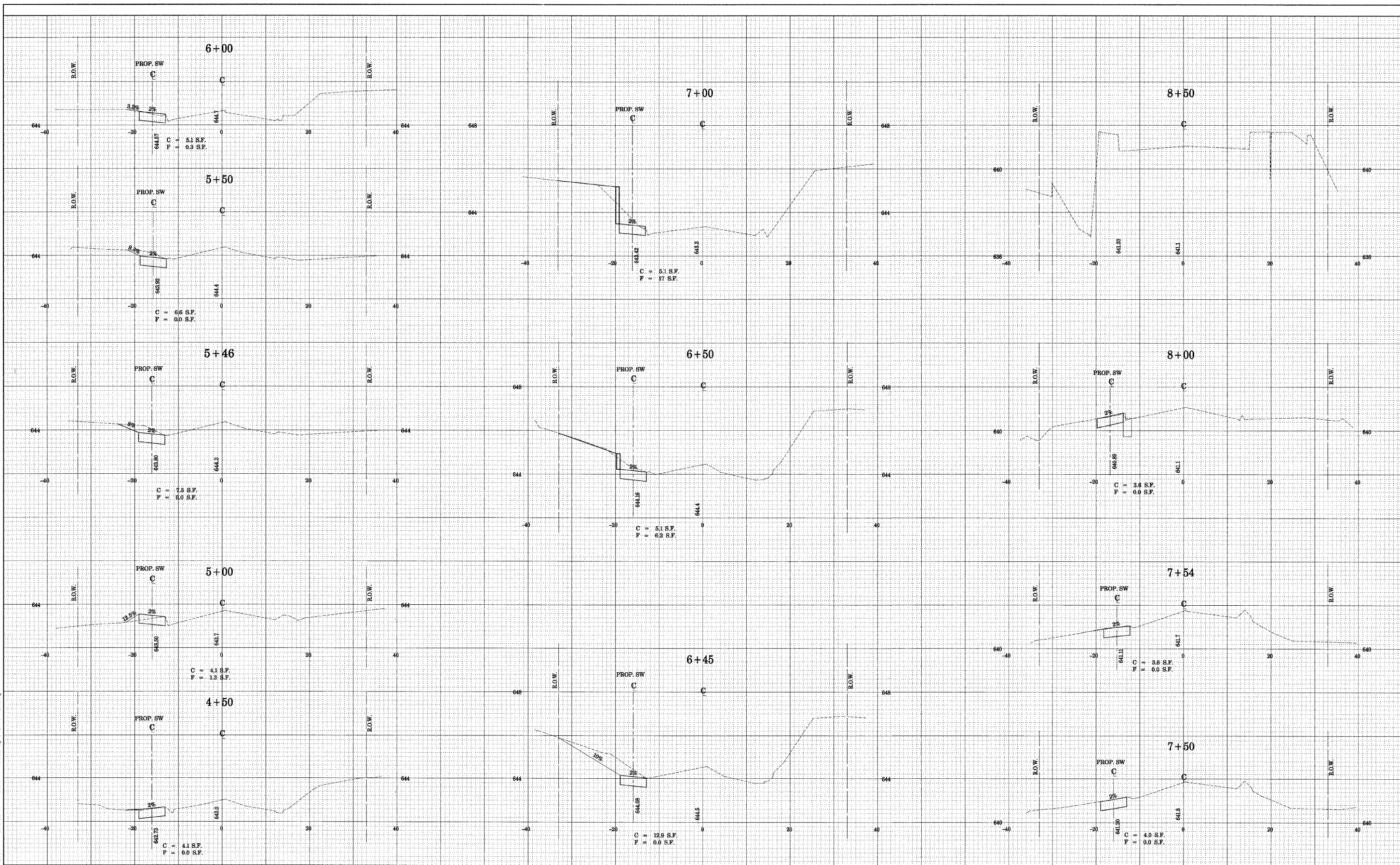
CITY OF OAK FOREST, ILLINOIS
LAPORTE AVENUE
SIDEWALK IMPROVEMENTS

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	37
CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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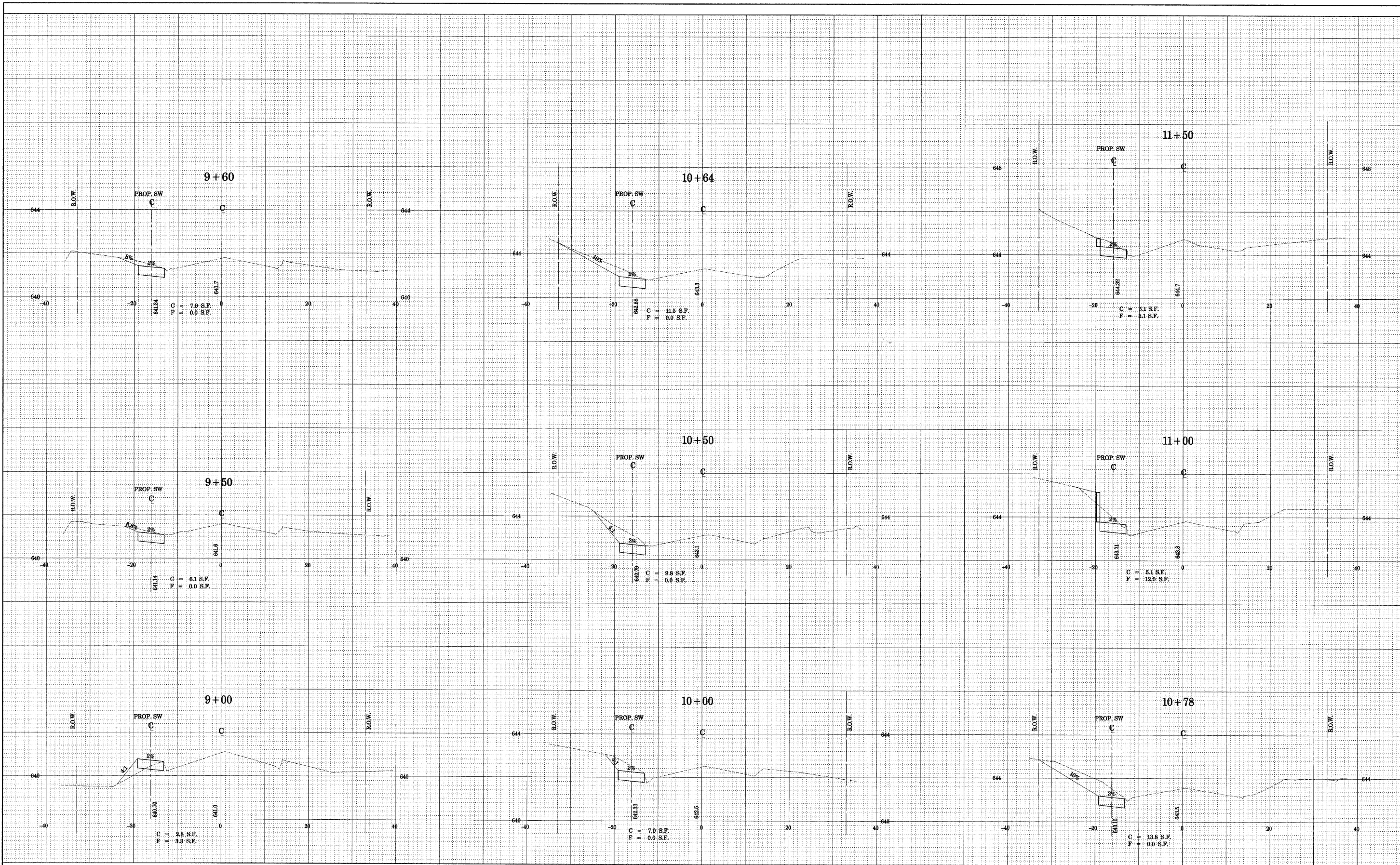
**CITY OF OAK FOREST, ILLINOIS
 LAPORTE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	38
CONTRACT NO. 63104				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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DESIGNED BY = 5680k
 PLOT SCALE = 1/8"=1'-0"
 PLOT DATE = 11/19/2008

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DATE - 11-17-08	REVISIONS

**CITY OF OAK FOREST, ILLINOIS
 LAPORTE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: _____ STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00087-00-SW	COOK	48	39
CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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 DESIGNED: TMS



DESIGNER: BAYTER & WOODMAN, INC.
 PROJECT: 07-0087-00-SW
 DRAWN: BCD
 CHECKED: TMS
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 DATE: 11-17-08

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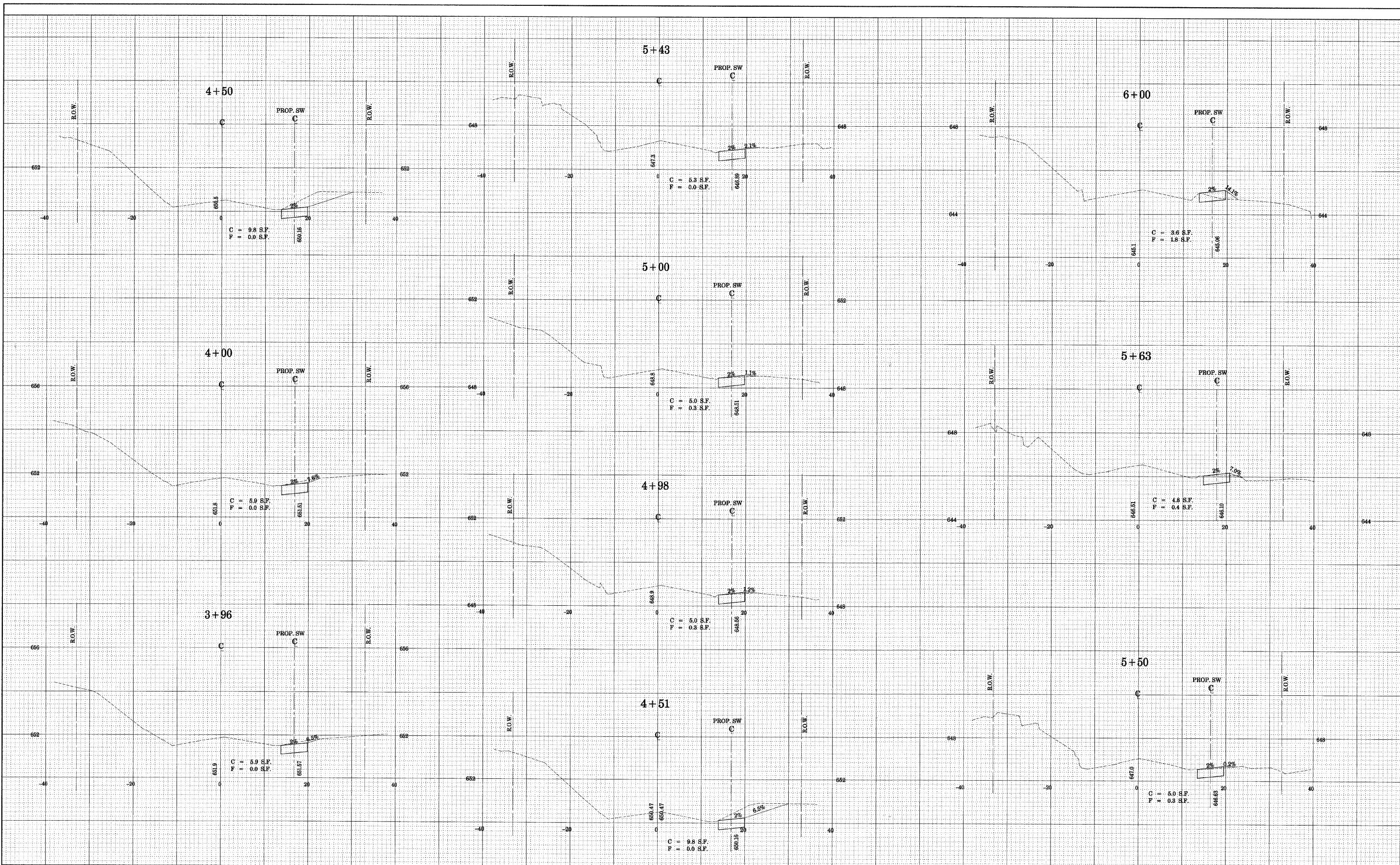
**CITY OF OAK FOREST, ILLINOIS
 LACROSSE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

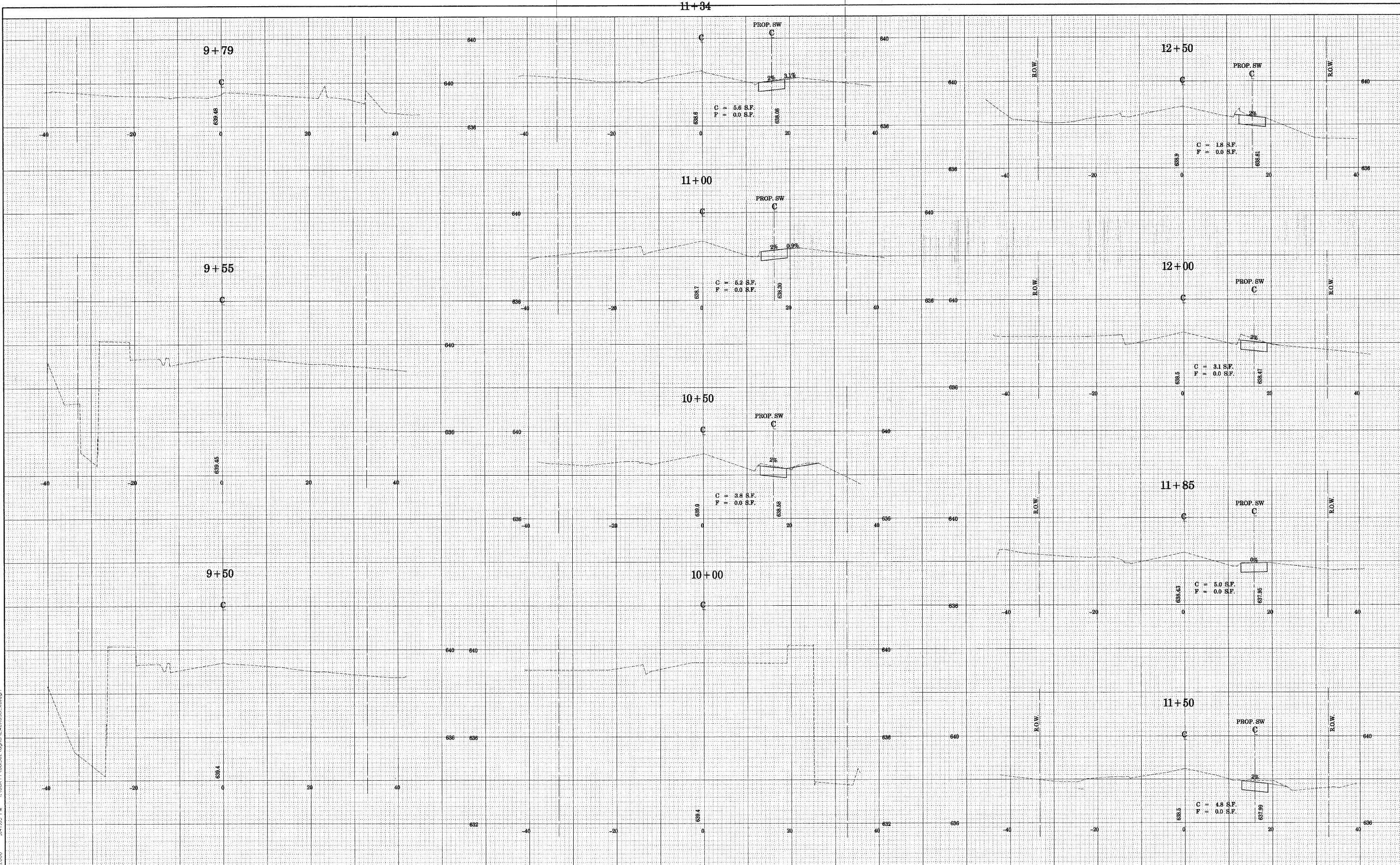
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CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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**CITY OF OAK FOREST, ILLINOIS
 LACROSSE AVENUE
 SIDEWALK IMPROVEMENTS**

CROSS SECTIONS

SCALE: STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63104				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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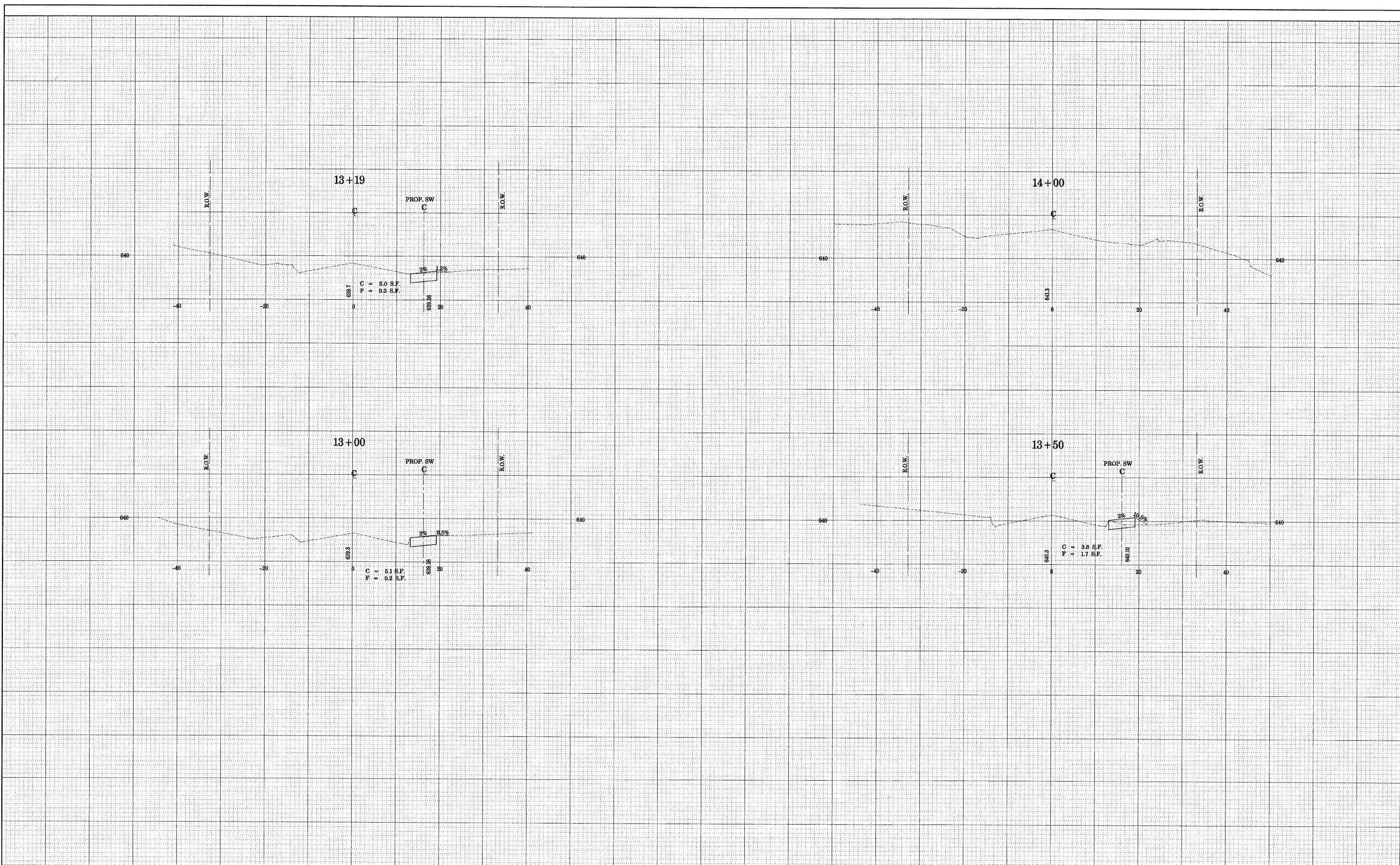
**CITY OF OAK FOREST, ILLINOIS
 LACROSSE AVENUE
 SIDEWALK IMPROVEMENTS**

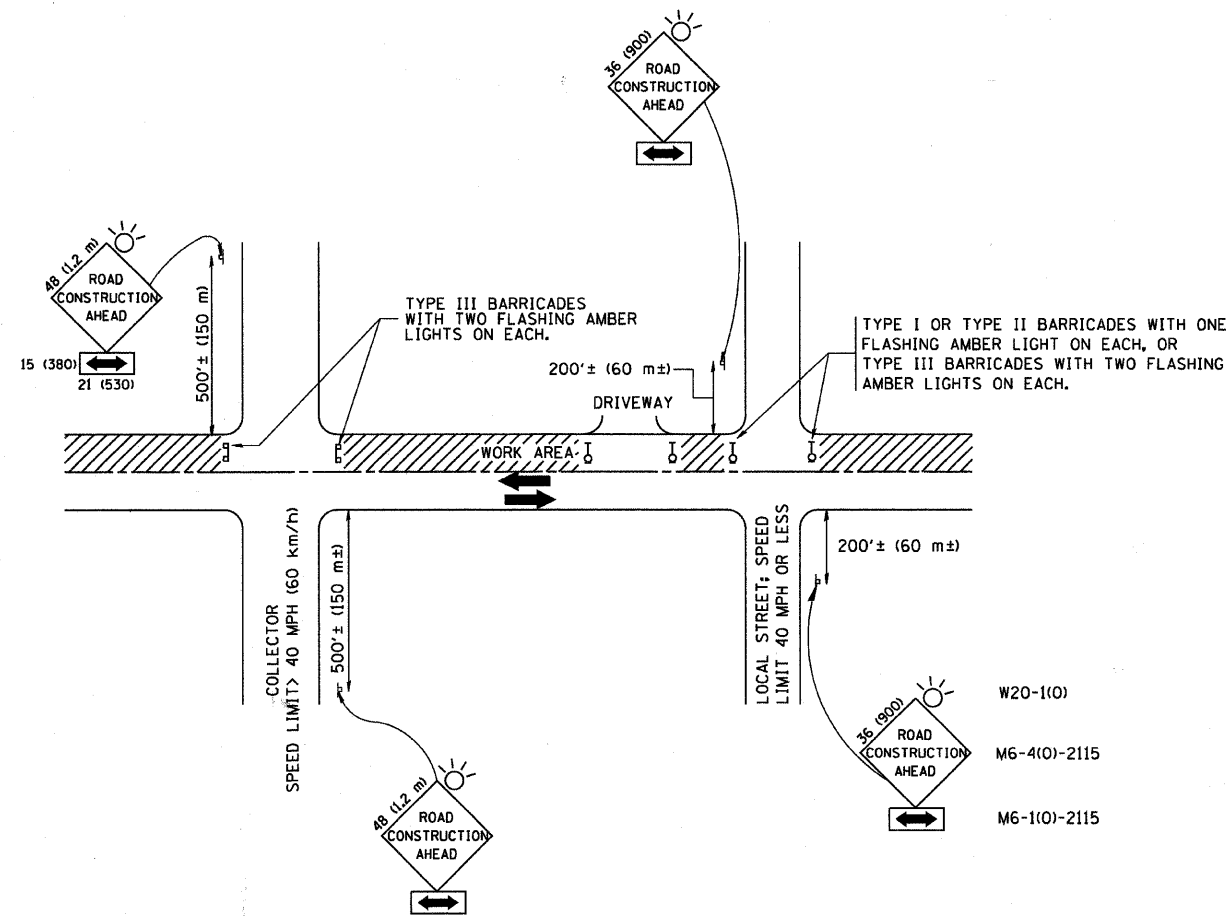
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63104				
ILLINOIS FED. AID PROJECT				





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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 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:
 - 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.
 - 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 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.

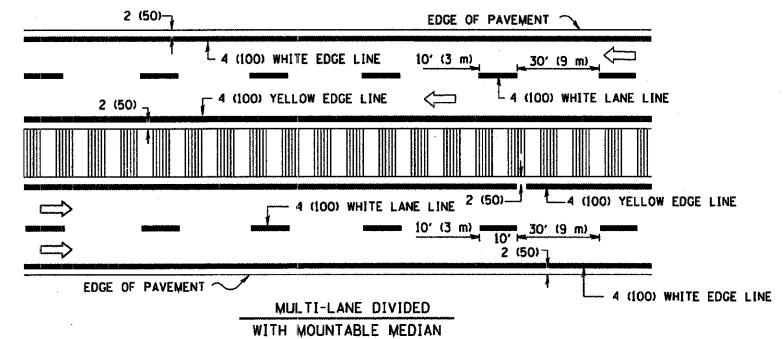
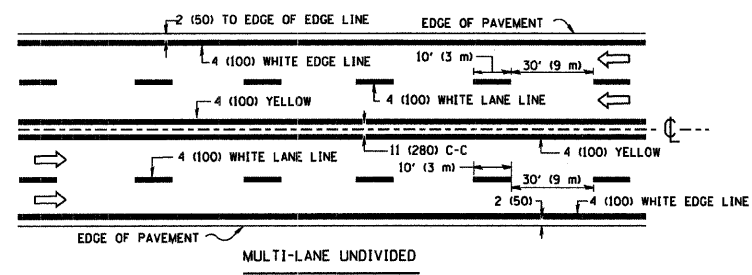
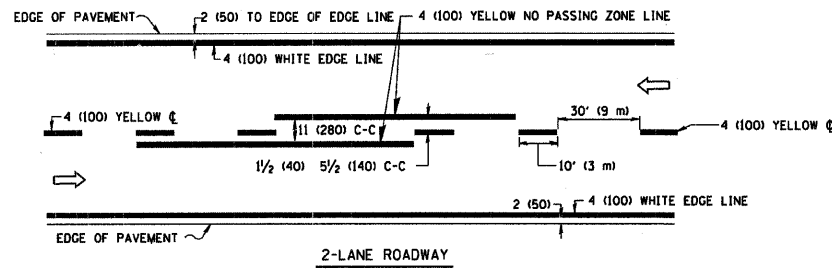
All dimensions are in millimeters (inches) unless otherwise shown.

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

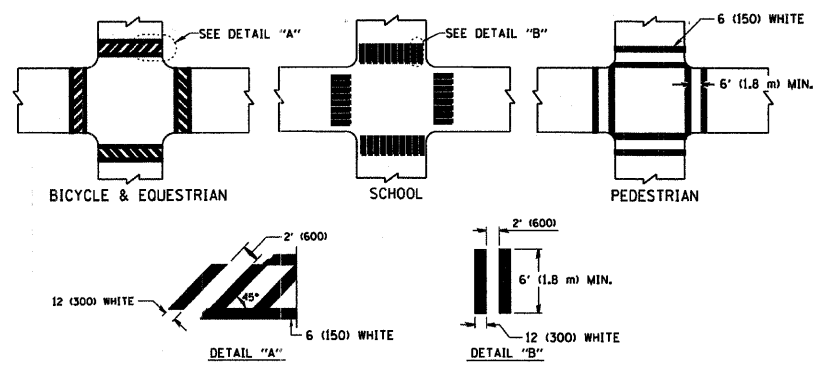
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
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TC-10			CONTRACT NO. 63104	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

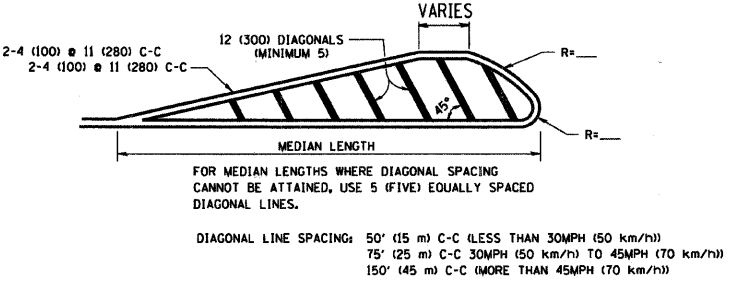
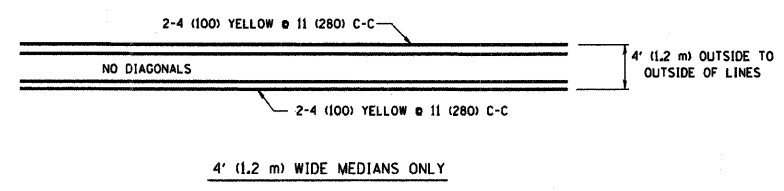


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

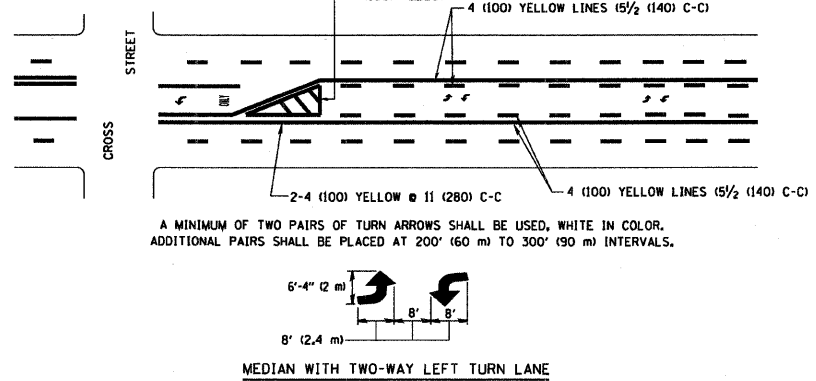
TYPICAL LANE AND EDGE LINE MARKING



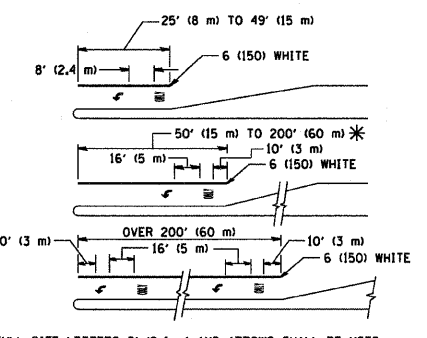
TYPICAL CROSSWALK MARKING



MEDIANS OVER 4' (1.2 m) WIDE



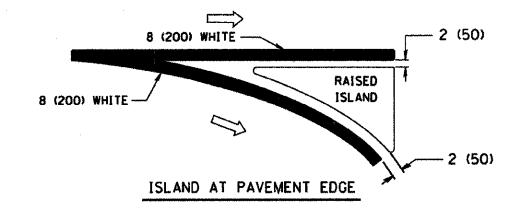
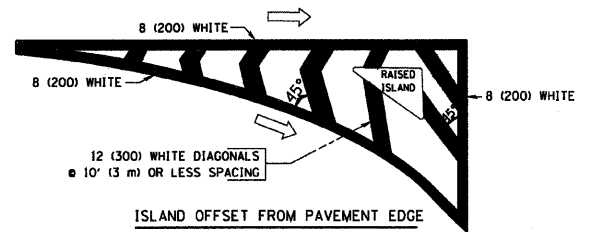
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) 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

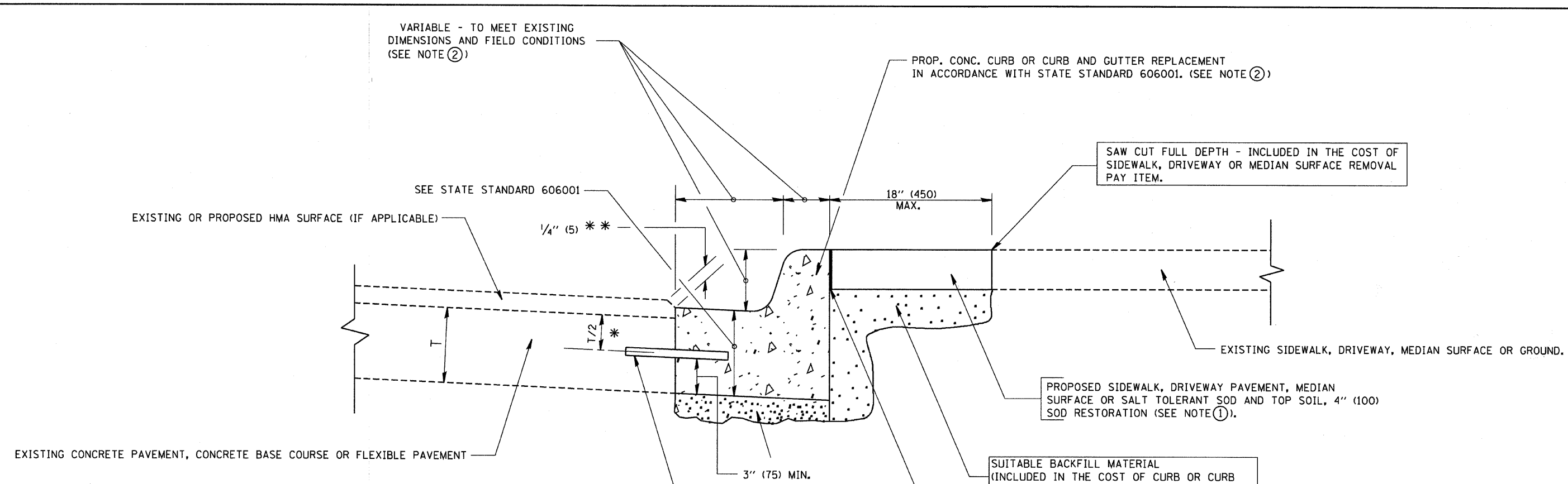


TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) 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 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (22.5 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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



* 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 USABLE 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".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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		PLOT SCALE = 50.000' / IN.	CHECKED -		REVISED - M. GOMEZ 01-22-01				BD600-06 (BD-24)		CONTRACT NO. 63104			
		PLOT DATE = 1/4/2008	DATE - 03-11-94		REVISED - R. BORO 01-01-07				FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT					