

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00042-00-SW	COOK	11	1
X10X(960)	ILLINOIS	CONTRACT NO. 61K50		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

SAFE ROUTES TO SCHOOL

VARIOUS LOCATIONS

SECTION: 19-00042-00-SW

PROJECT: X10X(960)

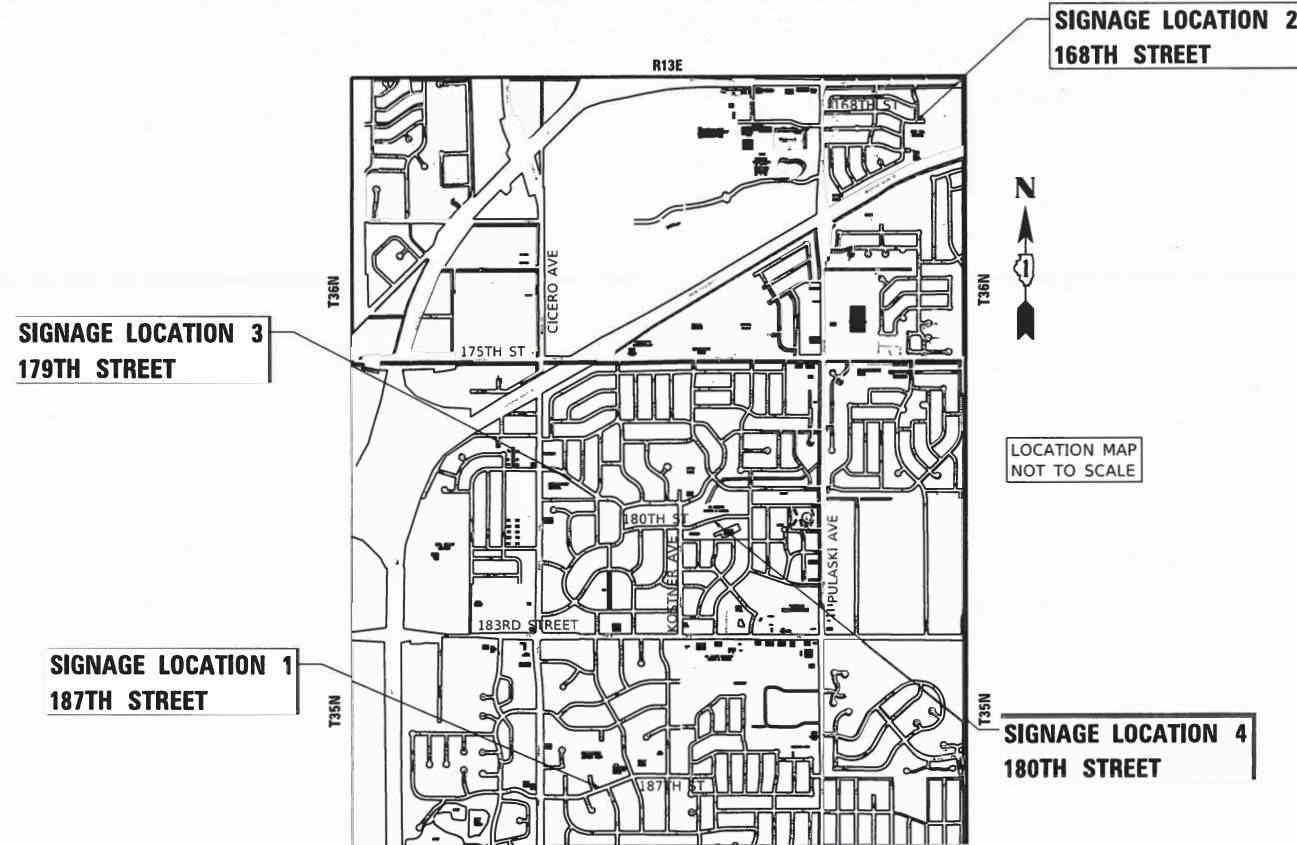
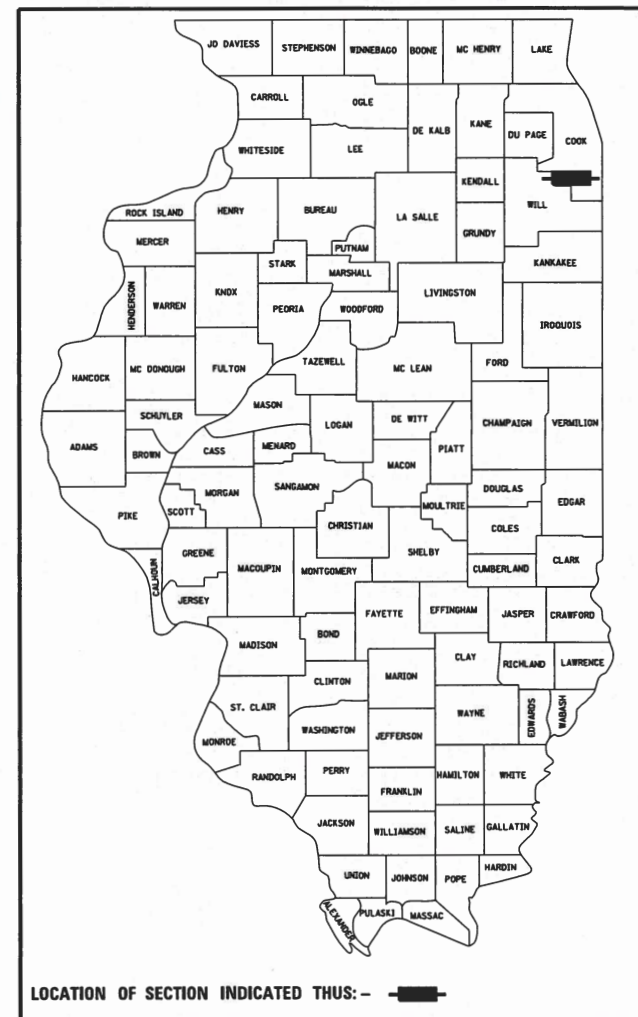
CITY OF COUNTRY CLUB HILLS

COOK COUNTY

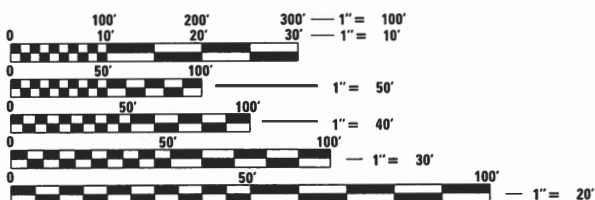
C-91-194-24

TRAFFIC DATA

187TH STREET, 168TH STREET, 179TH STREET, 180TH STREET
LOCAL ROAD
POSTED SPEED: 20 MPH
ADT: <500



GROSS LENGTH = 4,945 FT. = 0.936 MILE
NET LENGTH = 4,945 FT. = 0.936 MILE



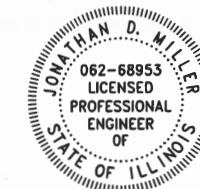
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. X240390447, X240390465, AND X240390486



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:
COUNTY = COOK
CITY-TWNSHP. = COUNTRY CLUB HILLS - BREMEN/RICH
SEC. & 1/4 SEC. NO. = NW 1/4 S26, S34, NE 1/4 S3
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 61K50



4/17/24
PROJECT ENGINEER
"LICENSE EXPIRES 11-30-2025"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED: Jerry C. Townsend
04/18/2024
CITY OF COUNTRY CLUB HILLS, ILLINOIS

PASSED: May 28, 2024
District 1 Engineer of Local Roads and Streets

RELEASING FOR BID BASED ON LIMITED REVIEW: May 28, 2024
Regional Engineer

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS REPRESENTS ONLY THE OPINION OF THE CITY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER AND THE ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS.
3. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN CITY UTILITY LOCATIONS.
4. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CITY RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF CITY WATER IF DEEMED NECESSARY.
5. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO.
6. DURING CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO LIMIT ON-STREET PARKING IN ORDER TO COMPLETE CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE MUNICIPALITY A MINIMUM OF 48 HOURS IN ADVANCE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE ADVANCE SIGNS TO ALERT RESIDENTS AND COMMUTERS OF THE CONSTRUCTION WORK. THE PLACEMENT OF THESE SIGNS SHALL TAKE PLACE 48 HOURS IN ADVANCE IN ORDER TO ALLOW SUFFICIENT TIME FOR RESIDENTS AND GENERAL PUBLIC TO REVISE THEIR PARKING PATTERNS.
7. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
8. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE CITY OF COUNTRY CLUB HILLS. EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ECT.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL CONTAMINATION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.
9. THE CONTRACTOR SHALL TAKE EXTRA CARE IN EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ROOTS OF A TREE THAT ARE TO REMAIN IN PLACE EXTENDING INTO THE EXCAVATION AREAS AT AN ELEVATION THAT WOULD INTERFERE WITH ANY PORTION OF THE PLANNED CONSTRUCTION SHALL BE SEVERED AT A POINT IMMEDIATELY OUTSIDE OF THE EXCAVATION AREA IN A MANNER THAT WILL CAUSE THE LEAST AMOUNT OF SYSTEMIC DAMAGE TO THE REMAINING TREE STRUCTURE. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTACTOR'S OWN EXPENSE.
10. CONTRACTOR SHALL PRUNE TREE LIMBS THAT MIGHT BE DAMAGED BY EQUIPMENT OPERATIONS AT LEAST ONE WEEK PRIOR TO THE START OF CONSTRUCTION BY A CERTIFIED ARBORIST. ANY TREE LIMBS THAT ARE BROKEN BY CONSTRUCTION EQUIPMENT AFTER THE INITIAL PRUNING MUST BE PRUNED CORRECTLY WITHIN 72 HOURS.
11. ALL NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS HAVE BEEN INTENTIONALLY OMITTED FROM THE CONTRACT ON THE SODDING APPLICATION.

INDEX OF SHEETS

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| 9 | SIDEWALK DETAILS |
| 10 | MISCELLANEOUS DETAILS |
| 11 | DISTRICT ONE TYPICAL PAVEMENT MARKINGS |

HIGHWAY STANDARDS

- | | |
|-----------|---|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 701006-05 | OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701011-04 | OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-09 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |

COMMITMENTS

NONE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, HIGHWAY STANDARDS AND INDEX OF SHEETS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00042-00-SW	COOK	11	2
			CONTRACT NO. 61K50	
		ILLINOIS	FED. AID PROJECT X1Q(960)	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0021
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	29
25200110	SODDING, SALT TOLERANT	SQ YD	29
25200200	SUPPLEMENTAL WATERING	UNIT	1
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	46
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	100
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	5
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	410
42400800	DETECTABLE WARNINGS	SQ FT	60
44000100	PAVEMENT REMOVAL	SQ YD	7
44000600	SIDEWALK REMOVAL	SQ FT	350
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1

* INDICATES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0021
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	483
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	15
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	15
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	315
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	216
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	75
* K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1
* X1400175	SOLAR-POWERED FLASHING BEACON ASSEMBLY (DUAL-ALTERNATING)	EACH	11
* X1400326	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	6

* INDICATES SPECIALTY ITEM

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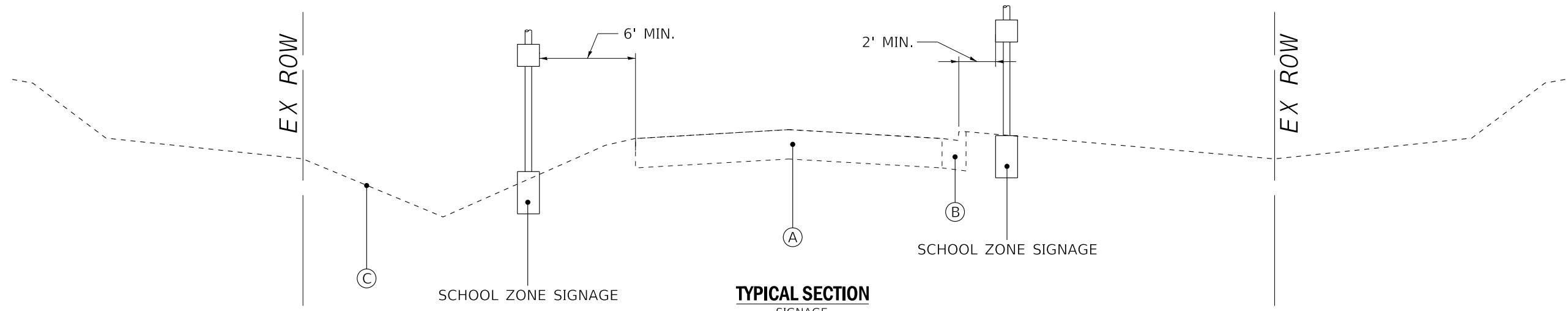
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N/A		SHEET 1 OF 1 SHEETS		STA.	TO STA.
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SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00042-00-SW	COOK	11	3
			CONTRACT NO. 61K50	
ILLINOIS FED. AID PROJECT X10X(960)				



TYPICAL SECTION

SIGNAGE
 187th STREET
 168th STREET
 179th STREET
 180th STREET

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
INCIDENTAL HOT-MIX ASPHALT SURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 Gyr.	LR1030-2
QMP designation: Quality Control/Quality Assurance (QC/QA) per LR1030-2		

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

LEGEND

- (A) EXISTING PAVEMENT
- (B) EXISTING CURB
- (C) EXISTING GROUND

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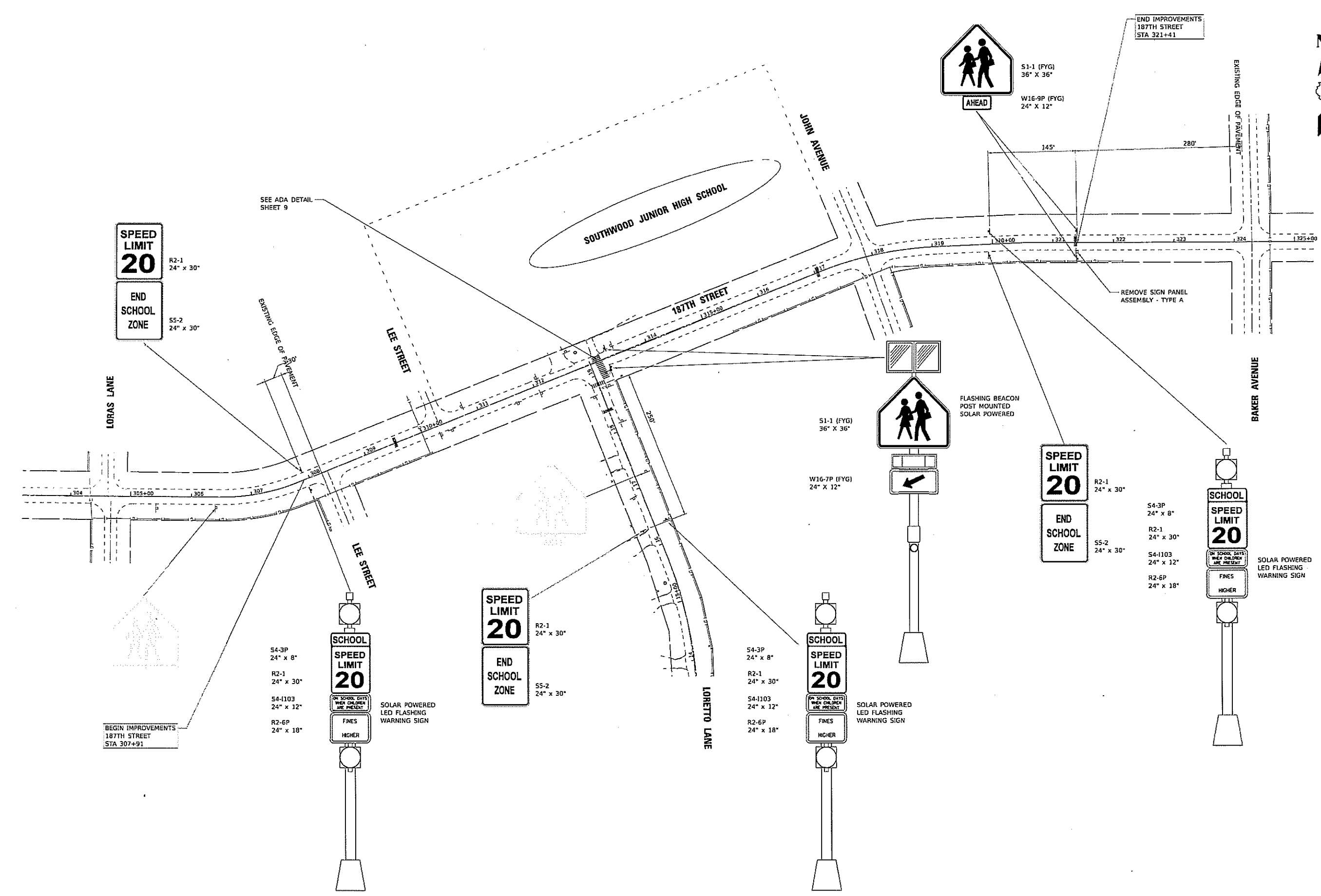


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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
SCALE: N/A	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00042-00-SW	COOK	11	4
CONTRACT NO. 61K50				
ILLINOIS FED. AID PROJECT X1Q(960)				



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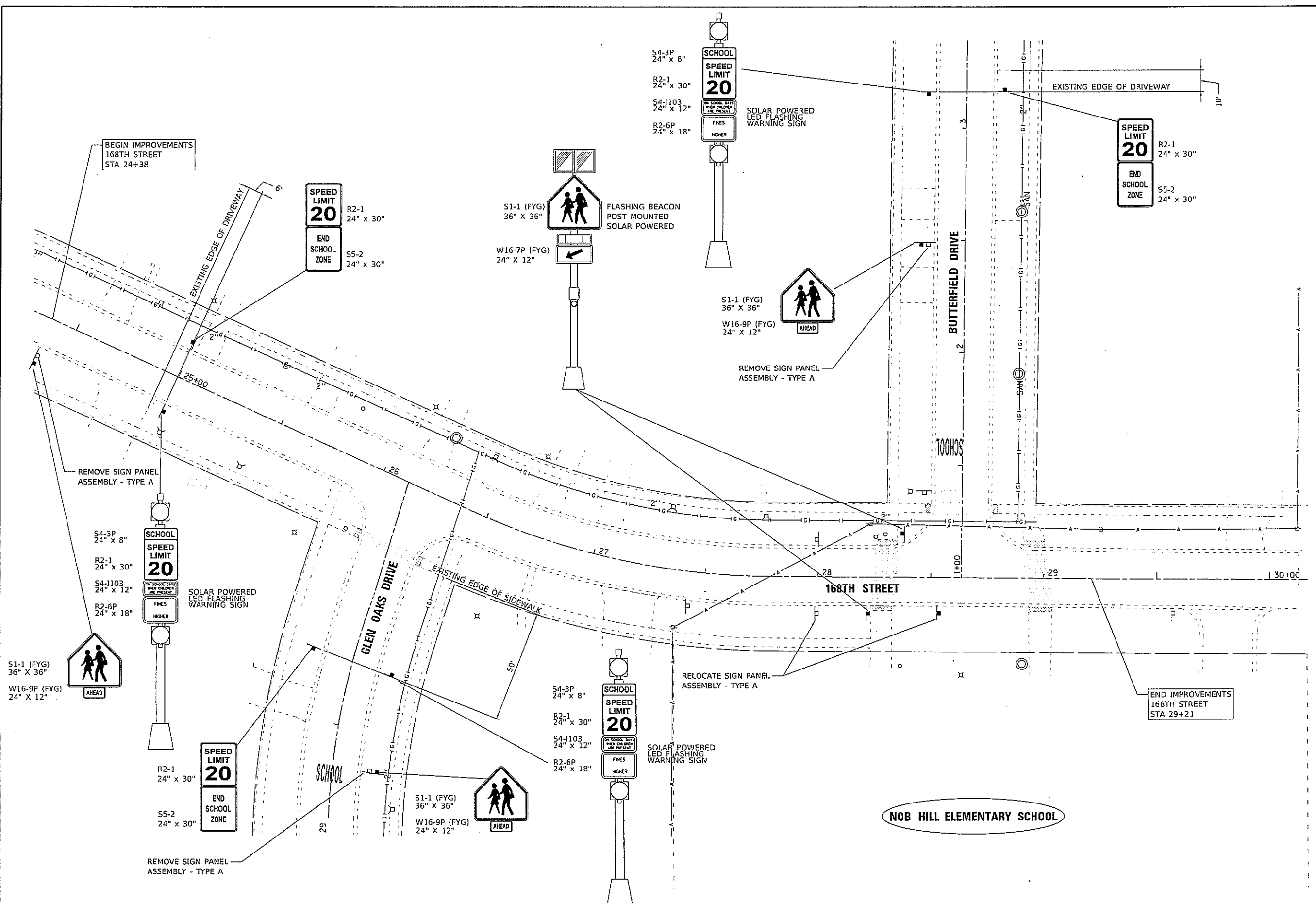
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGNAGE PLAN	
187TH STREET	
SCALE 1" = 100'	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00042-00-SW	COOK	11	5
CONTRACT NO. 61K50				
ILLINOIS FED. AID PROJECT X10X960				

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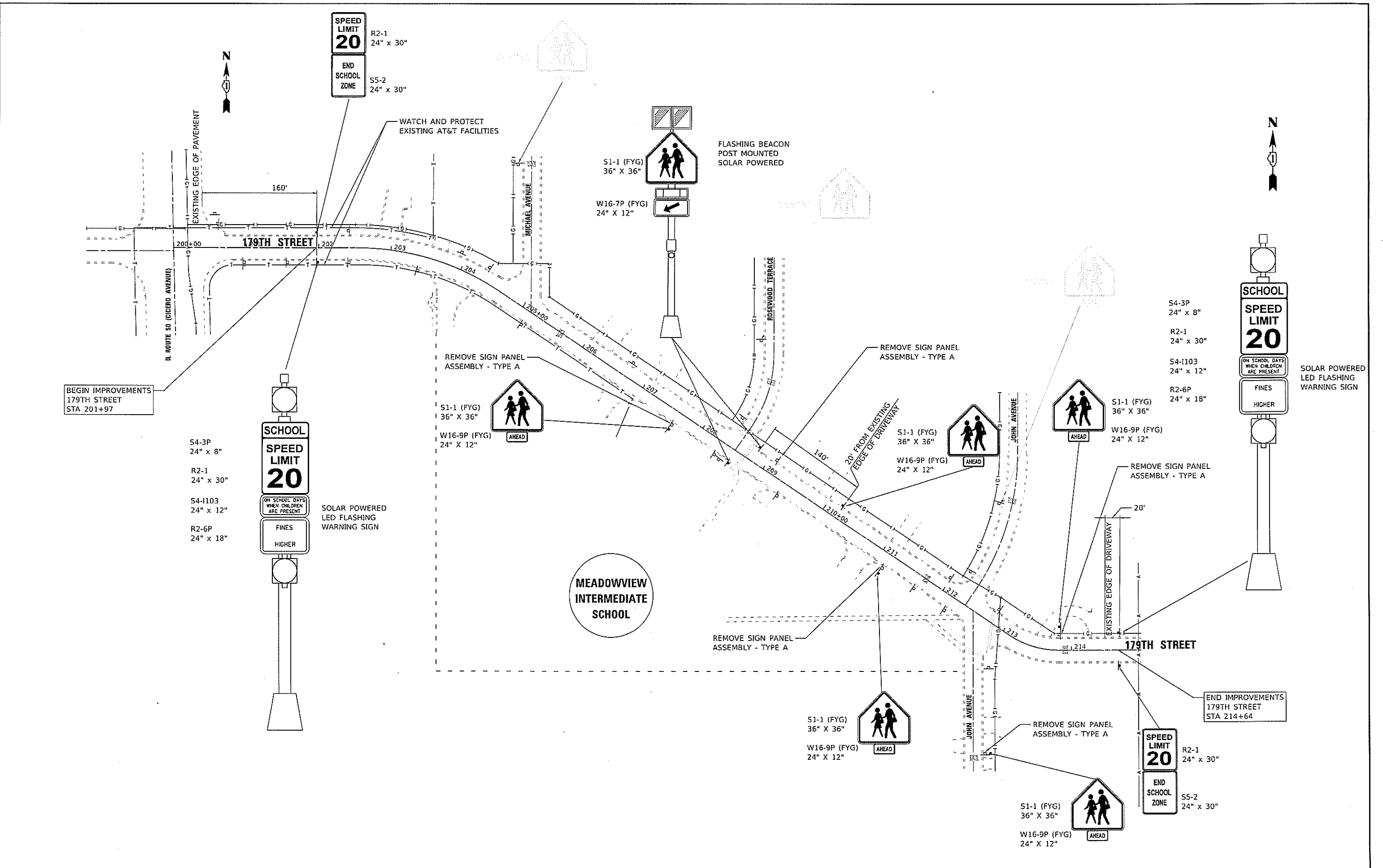
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGNAGE PLAN		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
168TH STREET			19-00042-00-SW	COOK	11	6
SCALE: 1" = 20'		SHEET OF SHEETS		STA.	TO STA.	

CONTRACT NO. 61K50		ILLINOIS FED. AID PROJECT X10X(960)	
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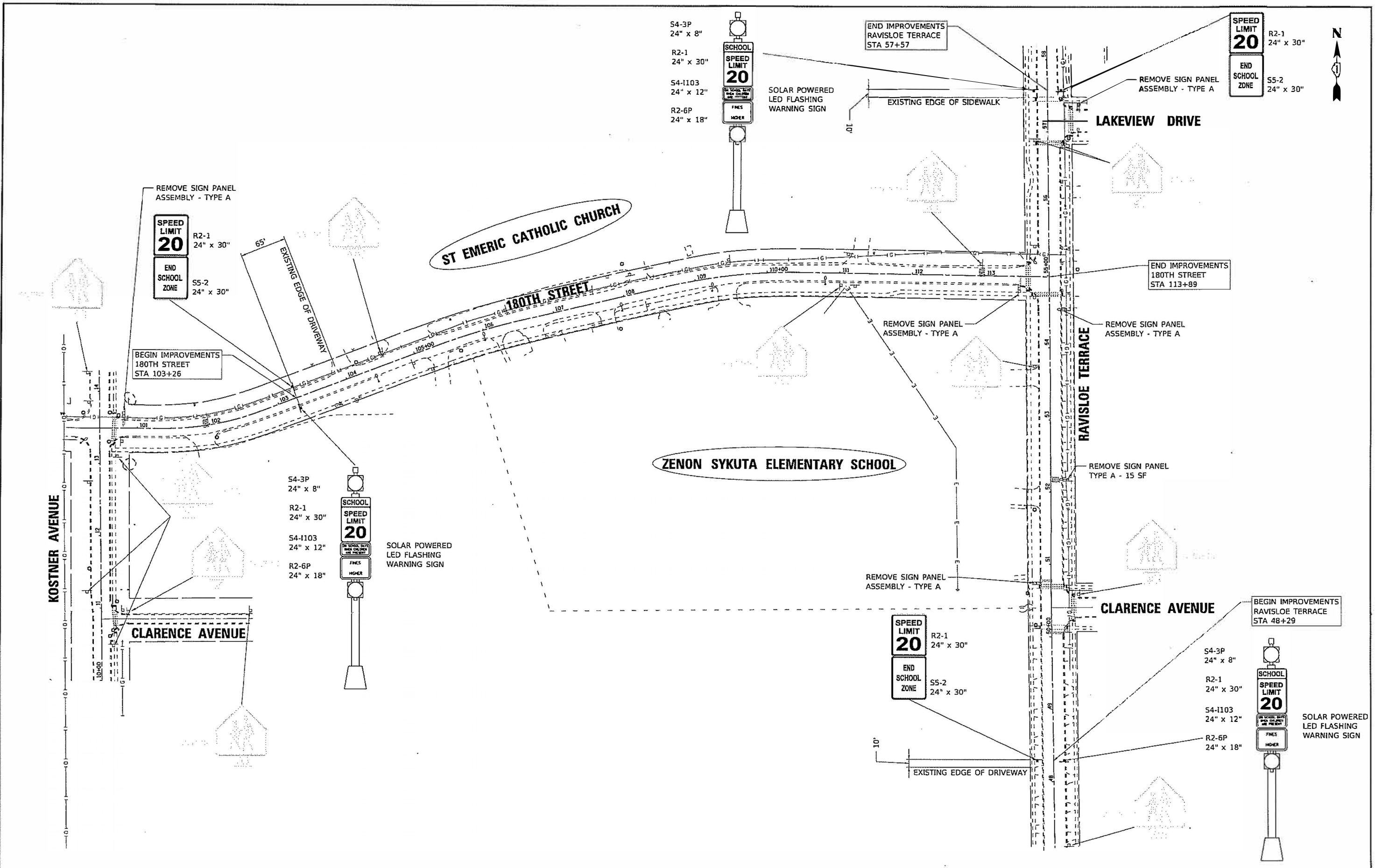
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGNAGE PLAN	
179TH STREET	
SCALE: 1" = 60'	SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00042-00-5W	COOK	11	7
CONTRACT NO. 61K50				
ILLINOIS FED. AID PROJECT X10X1960				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIGNAGE PLAN
180TH STREET

SCALE: 1" = 60' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00042-00-SW	COOK	11	8
CONTRACT NO. 61K50				
ILLINOIS FED. AID PROJECT X1QX1960				



SIDEWALK REMOVAL
PCC SIDEWALK - 5 INCH
AGGREGATE BASE COURSE,
TYPE B - 5 INCH
DETECTABLE WARNING

PAVEMENT REMOVAL
PCC SIDEWALK - 5 INCH
AGGREGATE BASE COURSE, TYPE B - 5 INCH
DETECTABLE WARNING

INCIDENTAL HOT-MIX ASPHALT
SURFACING (TYP)

PAVEMENT MARKING REMOVAL
WATER BLASTING (TYP)

THERMOPLASTIC PAVEMENT MARKING
LINE 12 INCH (WHITE, 3' C-C) (TYP)

PCC SIDEWALK - 5 INCH
AGGREGATE BASE COURSE
TYPE B - 5 INCH
DETECTABLE WARNING

LORETTO LANE
SCHOOL

187TH STREET

LEGEND

(XXX.XX') EXISTING ELEVATION
(%) EXISTING SLOPE

	STATION	OFFSET	ELEVATION
A	313+19.1	39.6' LT	(712.06')
B	313+19.1	10.6' LT	(711.00')
C	313+08.5	39.7' LT	(712.05')
D	313+08.5	10.6' LT	(711.17')
E	313+20.4	0.0' CL	(711.18')
F	313+08.9	0.0' CL	(711.35')
G	313+22.6	32.7' RT	711.18'
H	313+12.0	32.7' RT	(711.35')
I	313+22.5	38.7' RT	711.26'
J	313+11.9	38.6' RT	(711.42')
K	313+00.1	32.6' RT	(711.67')
L	313+00.1	38.6' RT	(711.74')
M	312+87.9	33.0' RT	711.56'
N	312+89.0	38.0' RT	(711.64')
O	312+80.8	32.9' RT	711.45'
P	312+80.8	37.9' RT	711.52'
Q	313+19.1	20.6' LT	711.15'
R	313+08.5	20.6' LT	711.32'

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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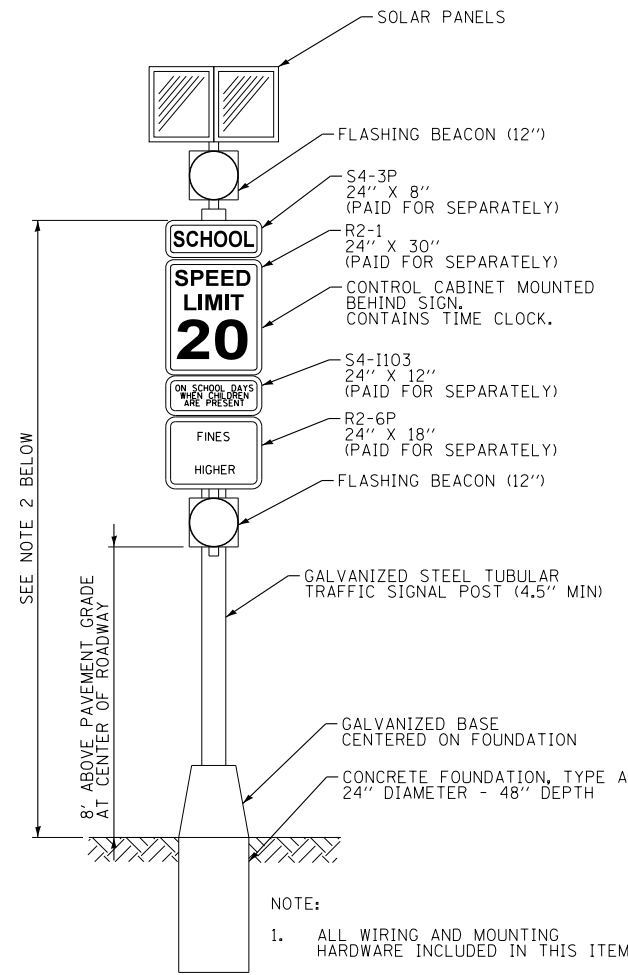


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
187TH STREET & LORETTO LANE
SCALE: 1" = 5'
SHEET 1 OF 1 SHEETS STA. TO STA.

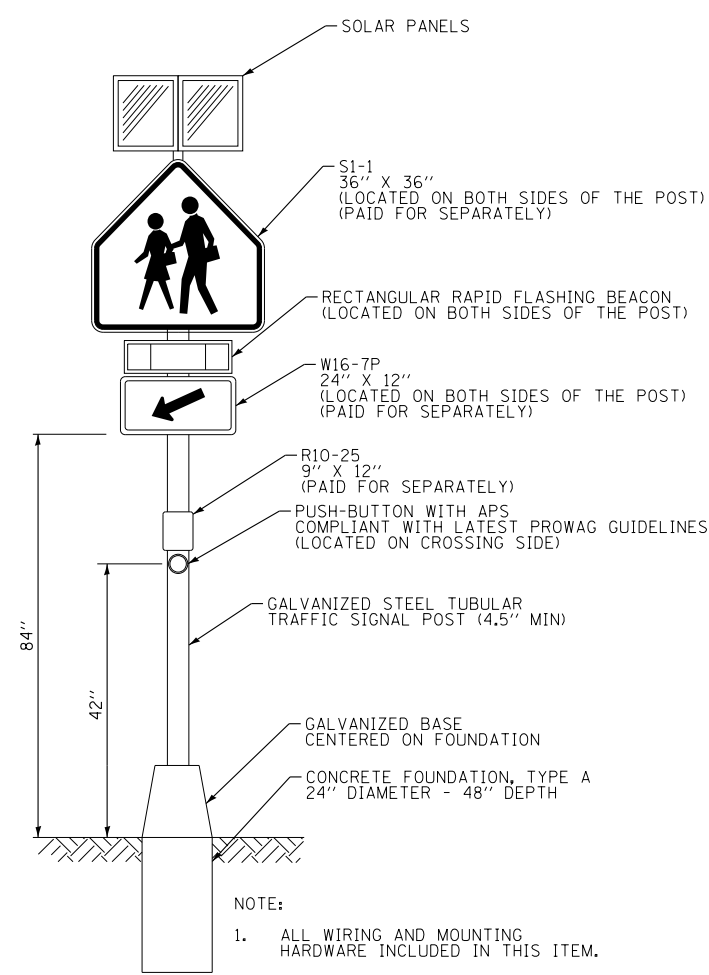
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	19-00042-00-SW	COOK	11	9
CONTRACT NO. 61K50				
ILLINOIS FED. AID PROJECT X1Q(960)				



- NOTE:
1. ALL WIRING AND MOUNTING HARDWARE INCLUDED IN THIS ITEM.
 2. CONTRACTOR SHALL VERIFY HEIGHT OF PROPOSED SIGNS IN RELATION TO EXISTING GROUND AND ADJACENT PAVEMENT. CONTRACTOR SHALL REVIEW REQUIRED MOUNTING HEIGHTS WITH MATERIAL SUPPLIER, THEN SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO ORDERING MATERIALS.

SOLAR POWERED LED FLASHING WARNING SIGN

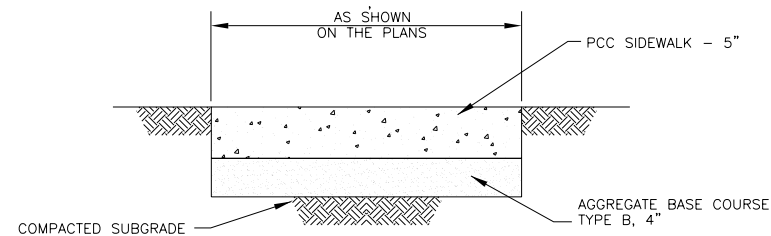
NOT TO SCALE



- NOTE:
1. ALL WIRING AND MOUNTING HARDWARE INCLUDED IN THIS ITEM.
 2. APPLICABLE SIGNAGE AND BEACON LOCATED ON BOTH SIDES OF POST.

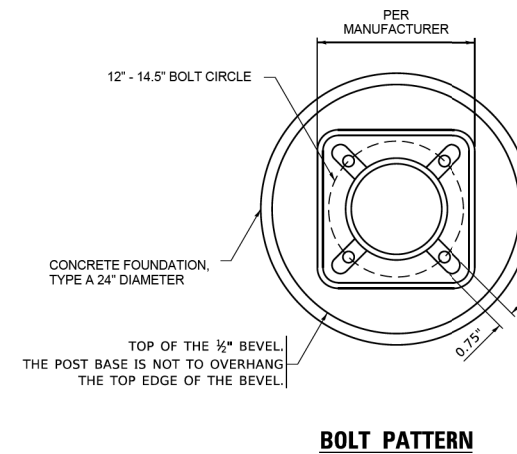
FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION DETAIL

NOT TO SCALE



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

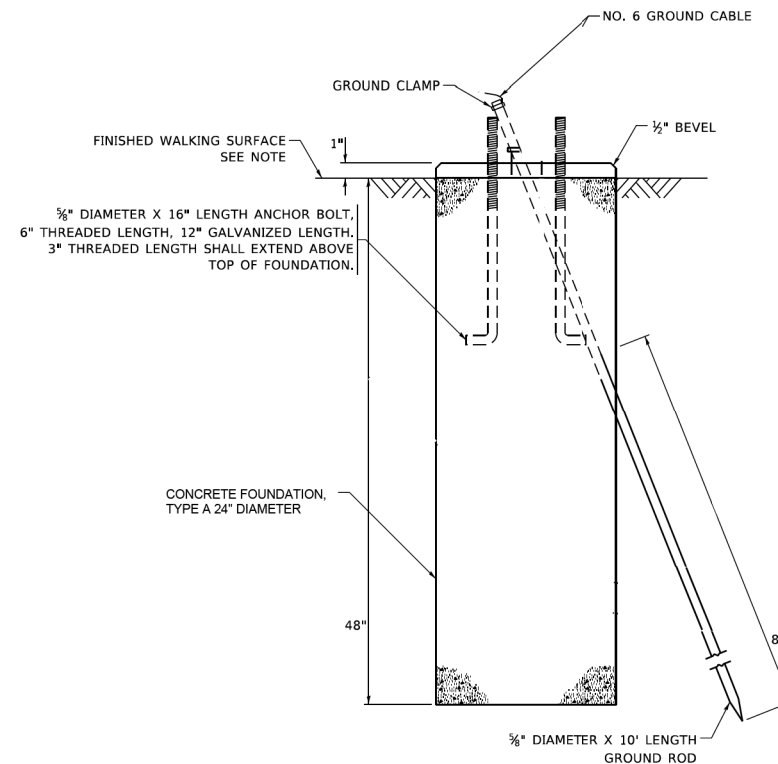
PORTLAND CEMENT CONCRETE (P.C.C.) SIDEWALK, 5-INCH
NO SCALE



BOLT PATTERN

NOTE:

1. IF THE POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



CONCRETE FOUNDATION, TYPE A 24" DIAMETER

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
 jtmiller
 FILE NAME: P:\CCHLC\181202 - Sale Routes to School\CAD\Sheets PH 181202-SHT-SS4_MiscDets.dgn



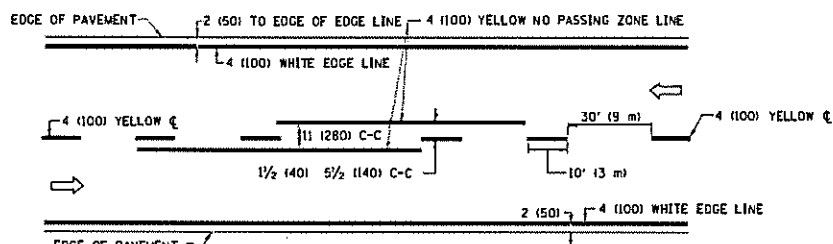
USER NAME = jtmiller	DESIGNED - CPM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 5/20/2024	CHECKED -	REVISED -
	DATE - 2-22-2024	FILE - 181202-SHT-SS4_MiscDets.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

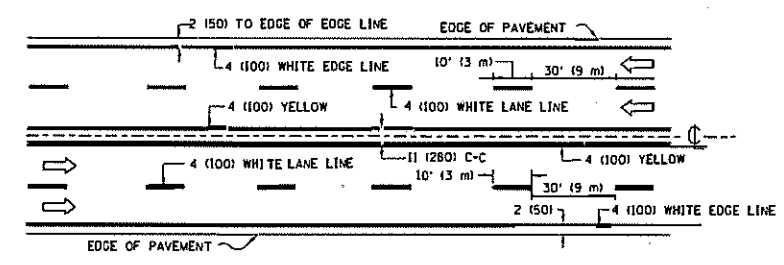
MISCELLANEOUS DETAILS

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

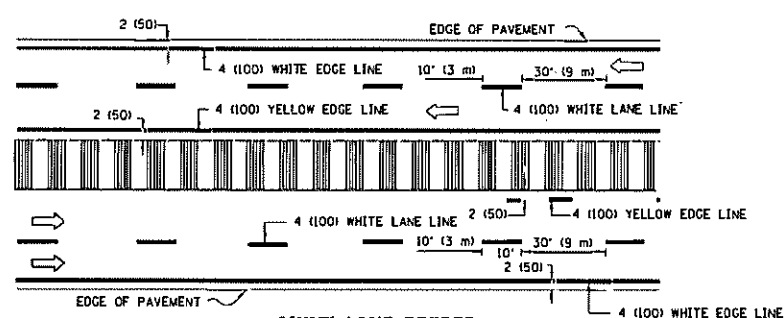
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00042-00-SW	COOK	11	10
CONTRACT NO. 61K50				
ILLINOIS FED. AID PROJECT X10X(960)				



2-LANE ROADWAY

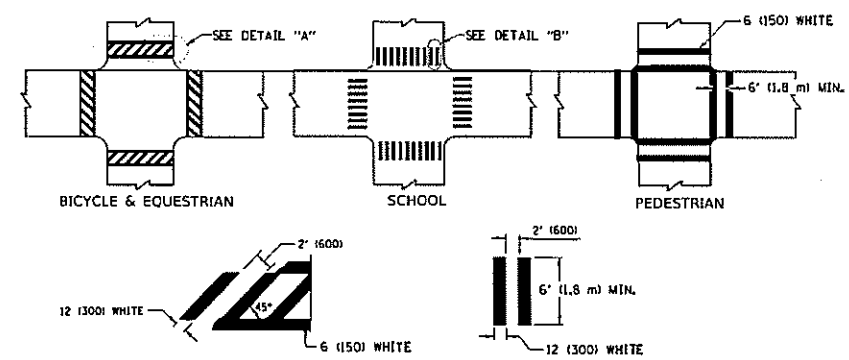


MULTI-LANE UNDIVIDED



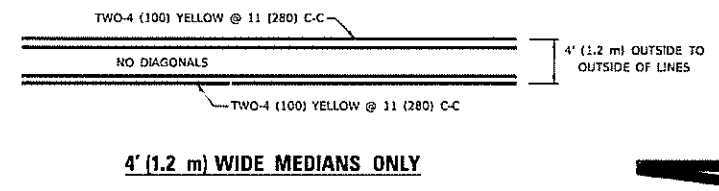
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

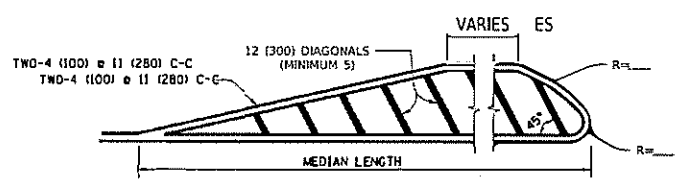


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



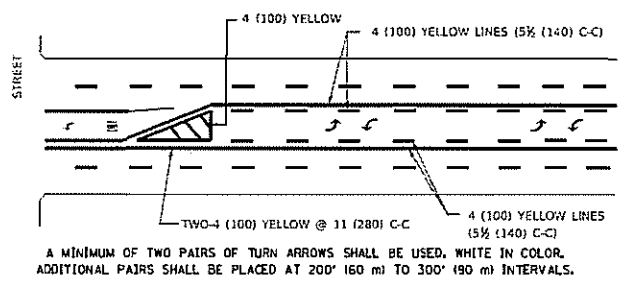
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

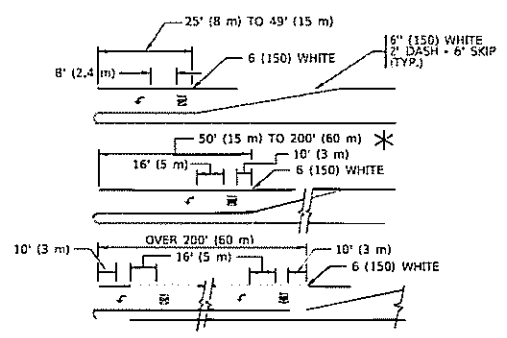
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



MEDIAN WITH TWO-WAY LEFT TURN LANE

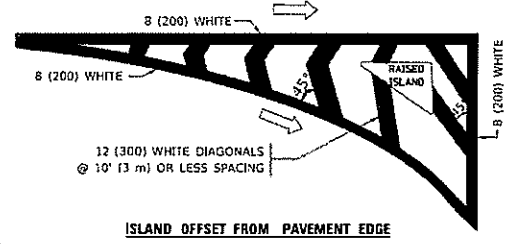
TYPICAL PAINTED MEDIAN MARKING



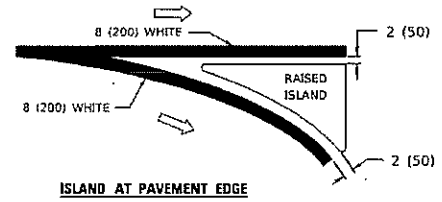
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²); AREA = 20.8 SQ. FT. (1.9 m²)
* 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".

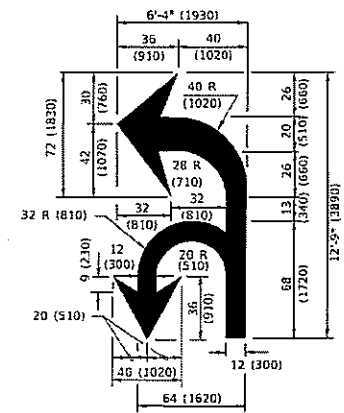


ISLAND OFFSET FROM PAVEMENT EDGE

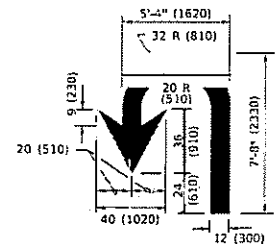


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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 1/2 (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 MEDIANS IN YELLOW
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 1/2 (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 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.
GORE 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" IS 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 (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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.

USER NAME - f02cmj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
DRAWN -	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE - 30,0000' / 1"	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
PLOT DATE - 3/9/2013		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. TO ST. A.

F.A. RTE.	SECTION	COUN Y	TOTAL SHEETS	SHE NO.
	19-00042-00-SW	COOK	11	11
TC-13		CONTRACT NO. 61K50		
ILLINOIS FED. AID PROJECT				