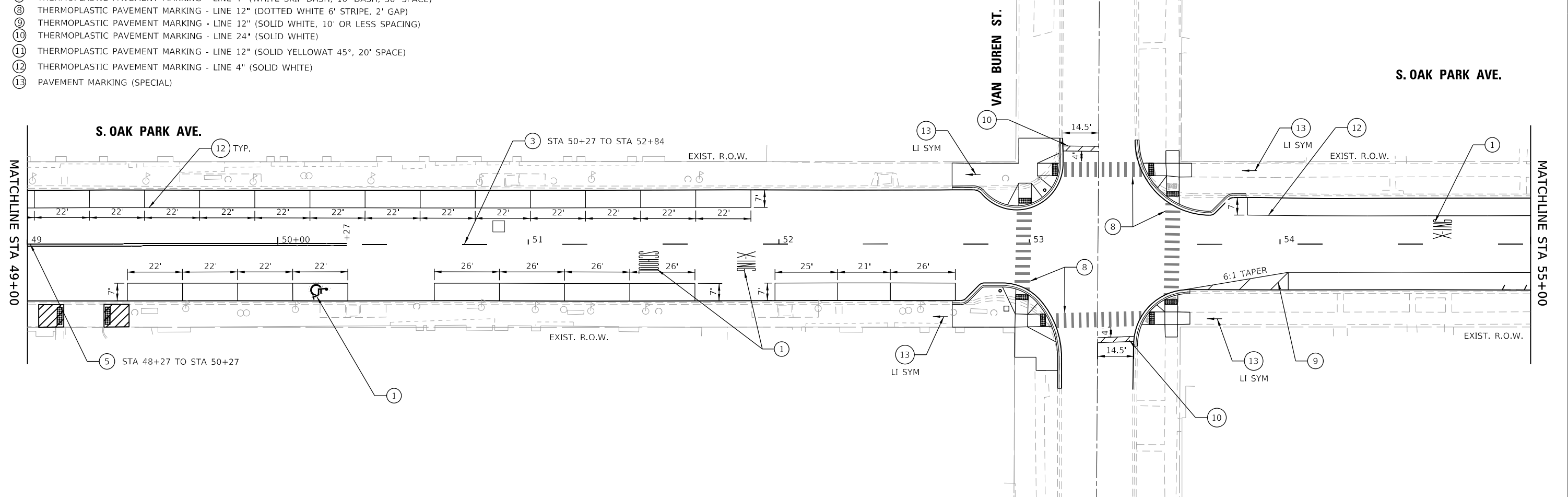


- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
 - ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2 SOLID YELLOW SPACED 11" C-C)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' STRIPE, 6' GAP)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' DASH, 30' SPACE)
 - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (DOTTED WHITE 6' STRIPE, 2' GAP)
 - ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, 10' OR LESS SPACING)
 - ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
 - ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW AT 45°, 20' SPACE)
 - ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
 - ⑬ PAVEMENT MARKING (SPECIAL)



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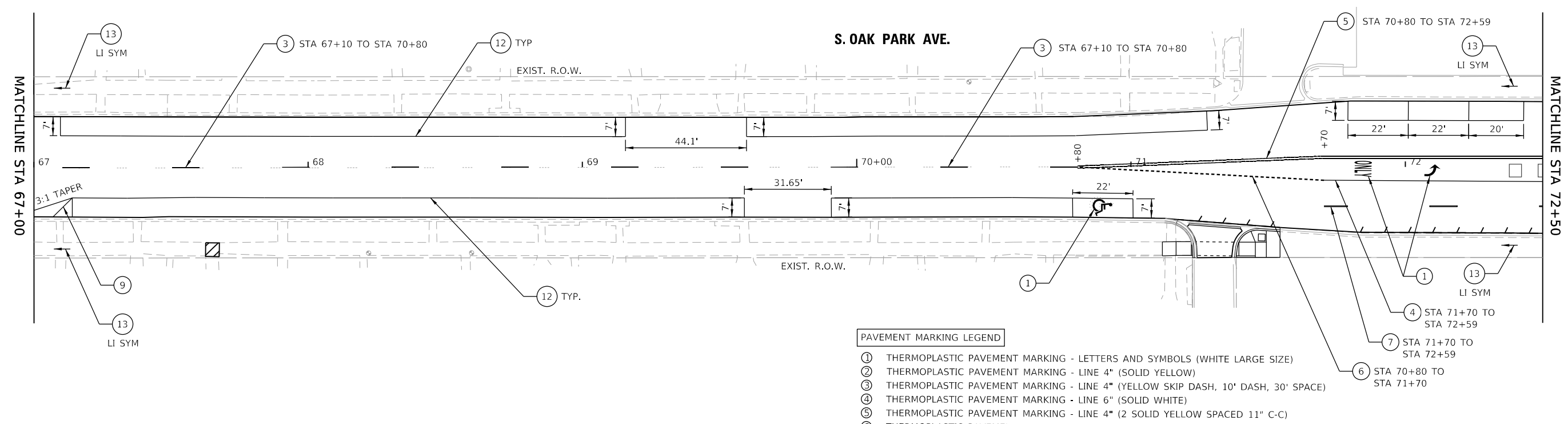
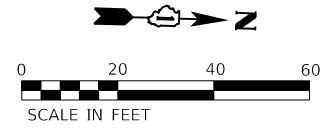
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
PAVEMENT MARKING SHEETS**

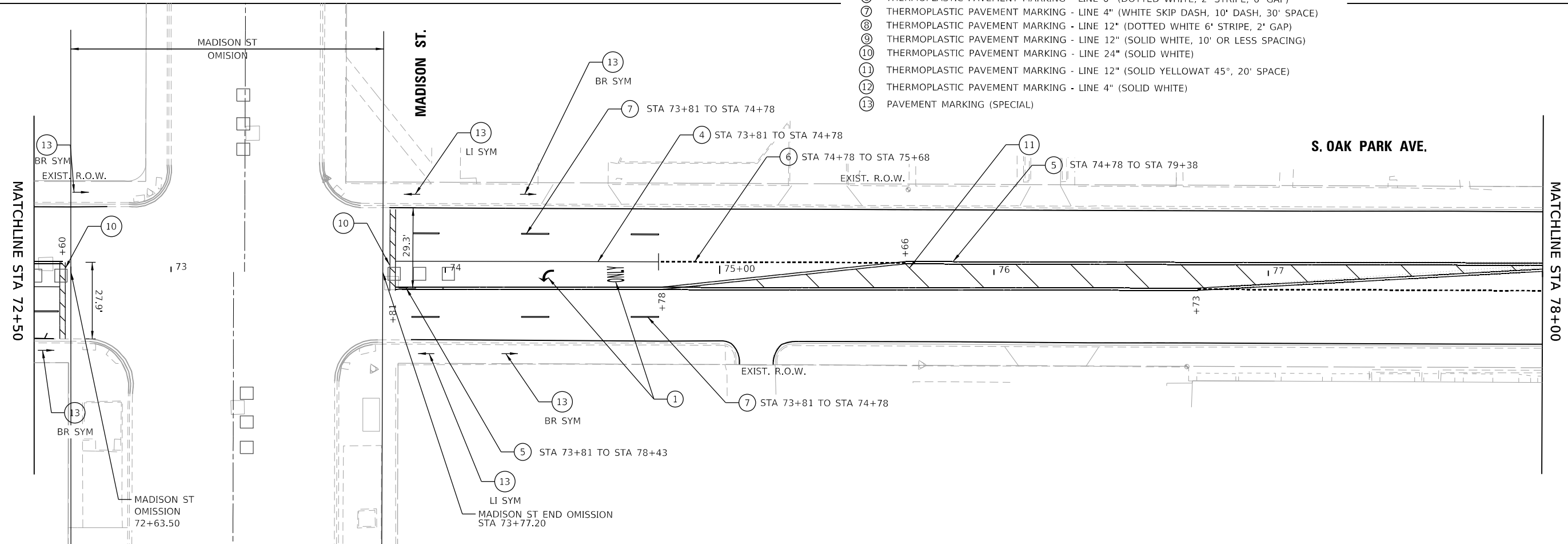
SCALE: 1"=20' SHEET 4 OF 15 SHEETS STA. 31+00 TO STA. 37+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	101
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2 SOLID YELLOW SPACED 11" C-C)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' STRIPE, 6' GAP)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' DASH, 30' SPACE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (DOTTED WHITE 6' STRIPE, 2' GAP)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, 10' OR LESS SPACING)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW AT 45°, 20' SPACE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑬ PAVEMENT MARKING (SPECIAL)



MODEL: Default
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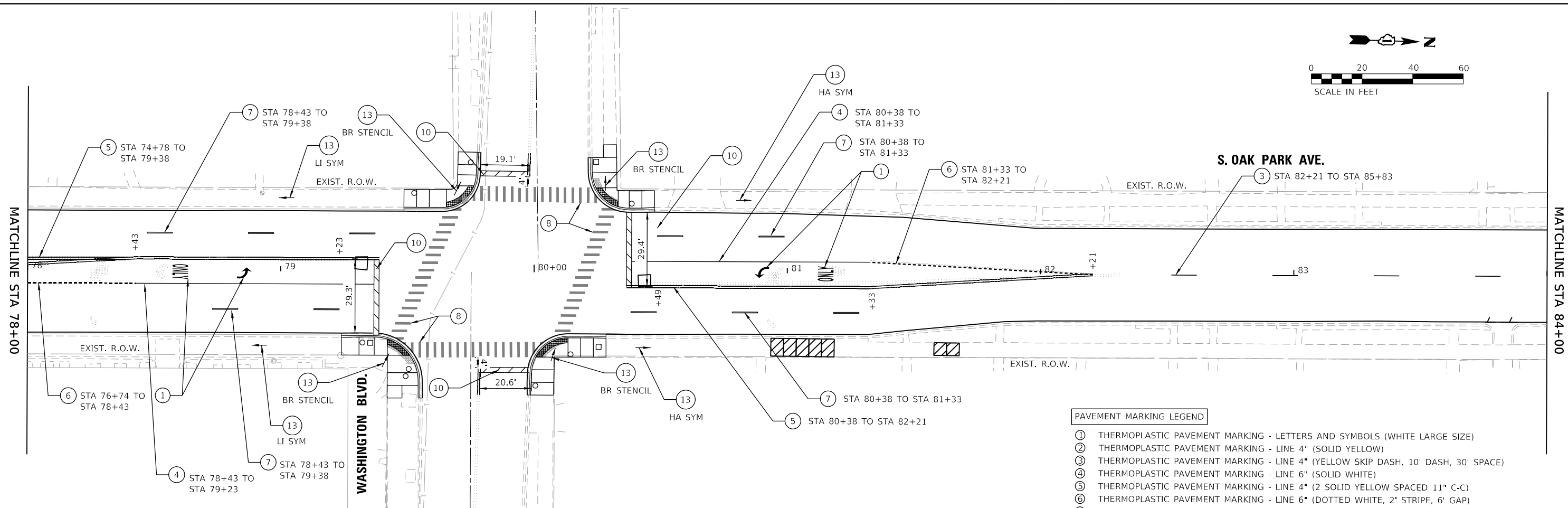
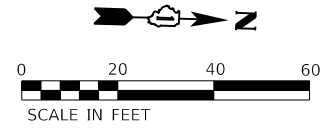
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
PAVEMENT MARKING SHEETS**

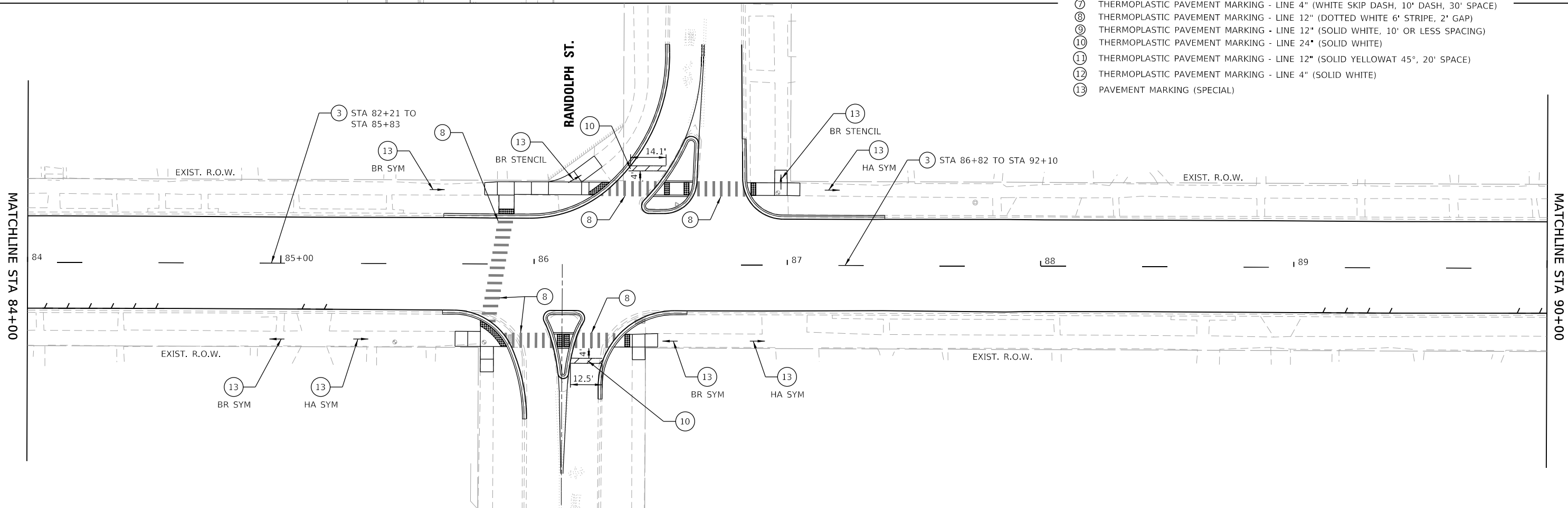
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	103
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
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- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' DASH, 30' SPACE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (DOTTED WHITE 6' STRIPE, 2' GAP)
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- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW AT 45°, 20' SPACE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑬ PAVEMENT MARKING (SPECIAL)



MODEL: Default
 FILE NAME: 19-00265-00-19-265-OakParkAve.dwg
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USER NAME = JuanS	DESIGNED - MO	REVISED -
DRAWN - JPS	REVISOR -	
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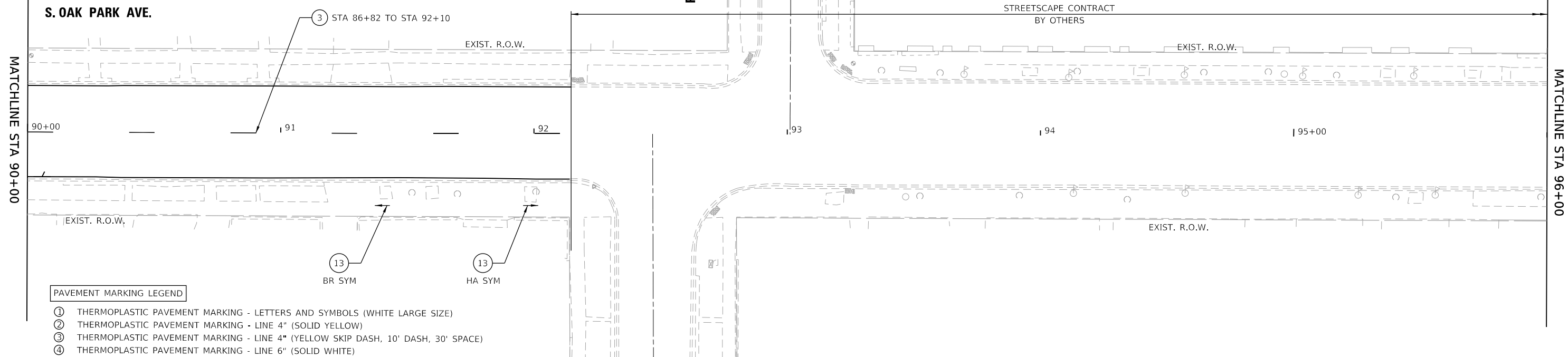
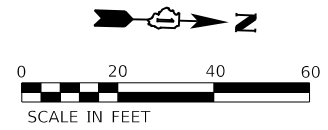
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
PAVEMENT MARKING SHEETS

SCALE: 1"=20' SHEET 7 OF 15 SHEETS STA. 49+00 TO STA. 55+00

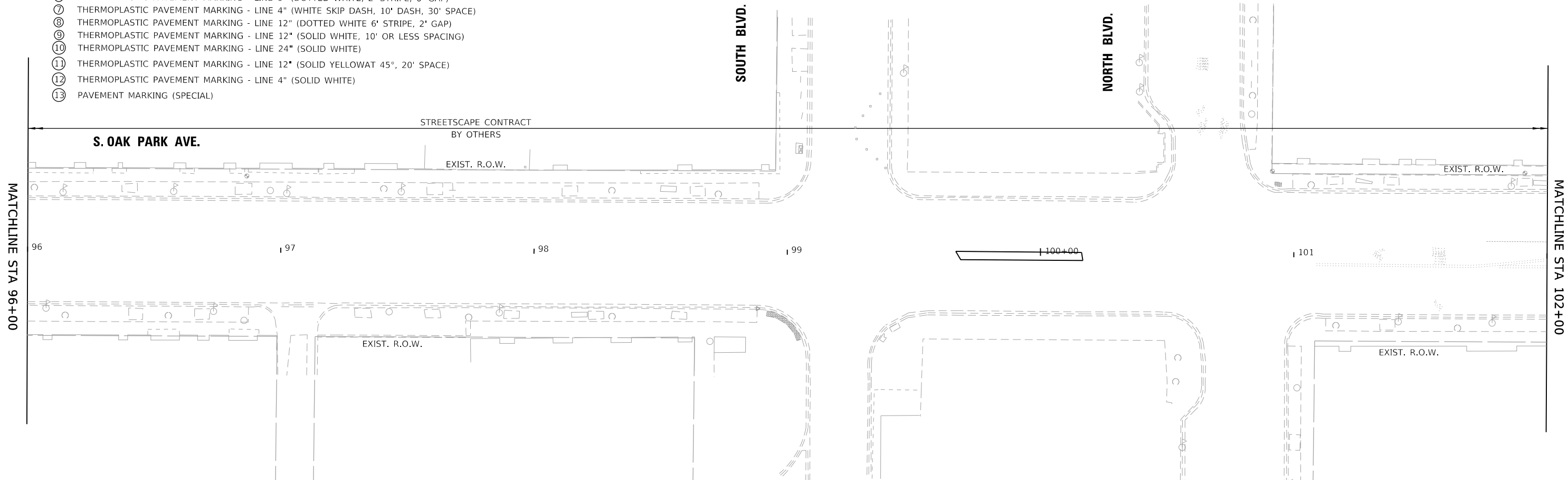
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	104
CONTRACT NO. 61G68				

ILLINOIS FED. AID PROJECT



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
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- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, 10' OR LESS SPACING)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW AT 45°, 20' SPACE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑬ PAVEMENT MARKING (SPECIAL)



MODEL: D:\default...
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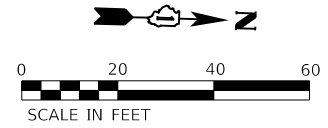
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
 PAVEMENT MARKING SHEETS

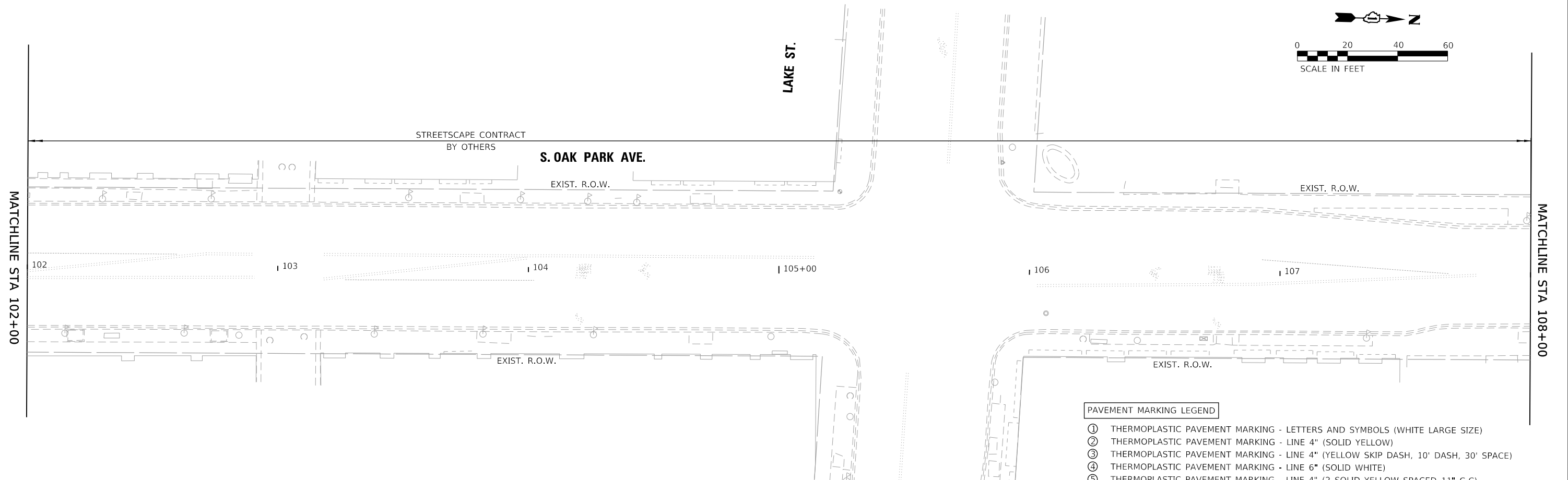
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				



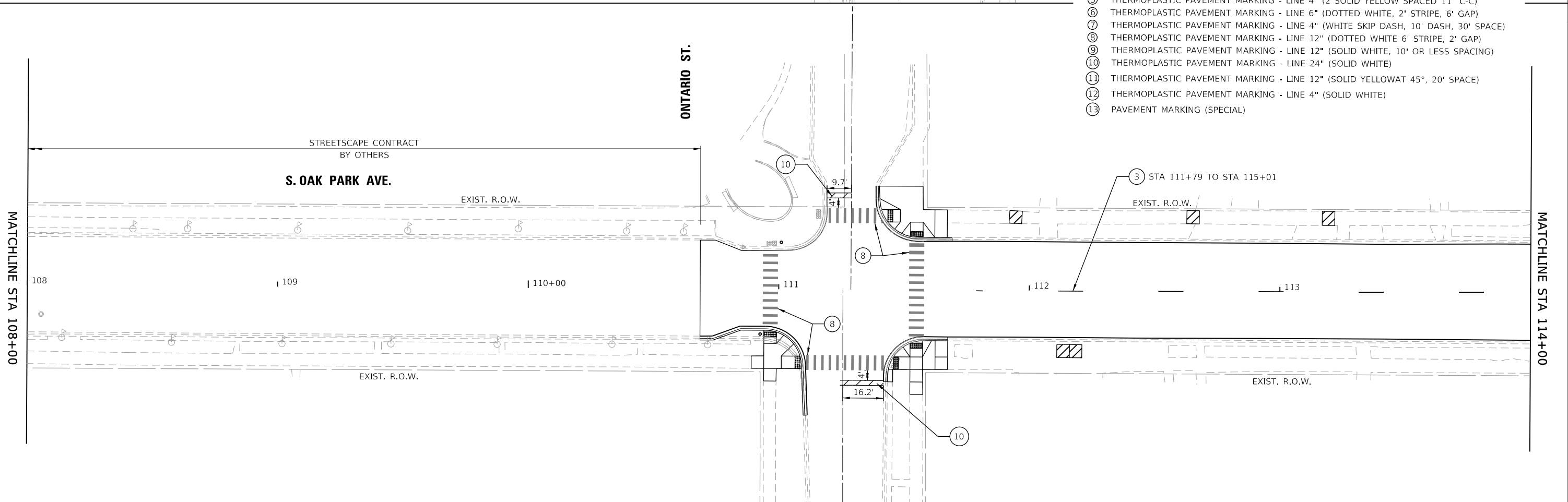
MATCHLINE STA 102+00

MATCHLINE STA 108+00



MATCHLINE STA 108+00

MATCHLINE STA 114+00



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
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 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2 SOLID YELLOW SPACED 11" C-C)
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 - ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
 - ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW AT 45°, 20' SPACE)
 - ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
 - ⑬ PAVEMENT MARKING (SPECIAL)

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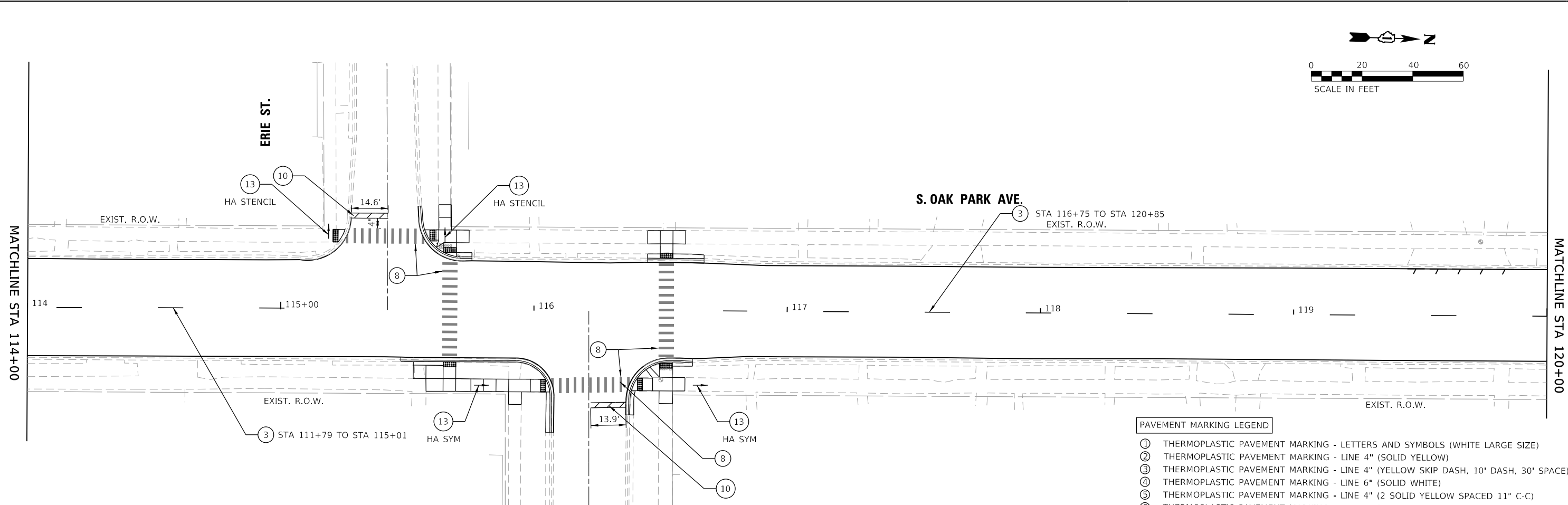
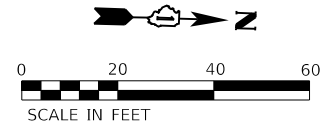
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

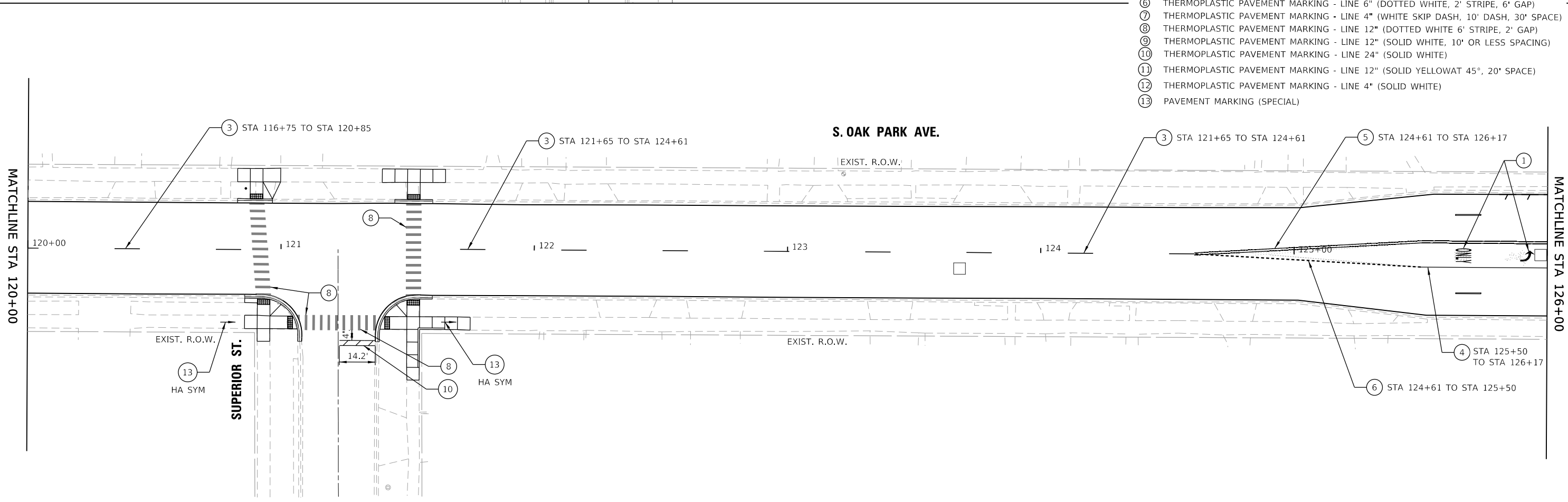
**OAK PARK AVENUE
PAVEMENT MARKING SHEETS**

SCALE: 1"=20' SHEET 9 OF 15 SHEETS STA. 61+00 TO STA. 66+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	106
CONTRACT NO. 61G68				
		ILLINOIS	FED. AID PROJECT	



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
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 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2 SOLID YELLOW SPACED 11" C-C)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' STRIPE, 6' GAP)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' DASH, 30' SPACE)
 - ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (DOTTED WHITE 6' STRIPE, 2' GAP)
 - ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, 10' OR LESS SPACING)
 - ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
 - ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOWWAT 45°, 20' SPACE)
 - ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
 - ⑬ PAVEMENT MARKING (SPECIAL)



MODEL: Default
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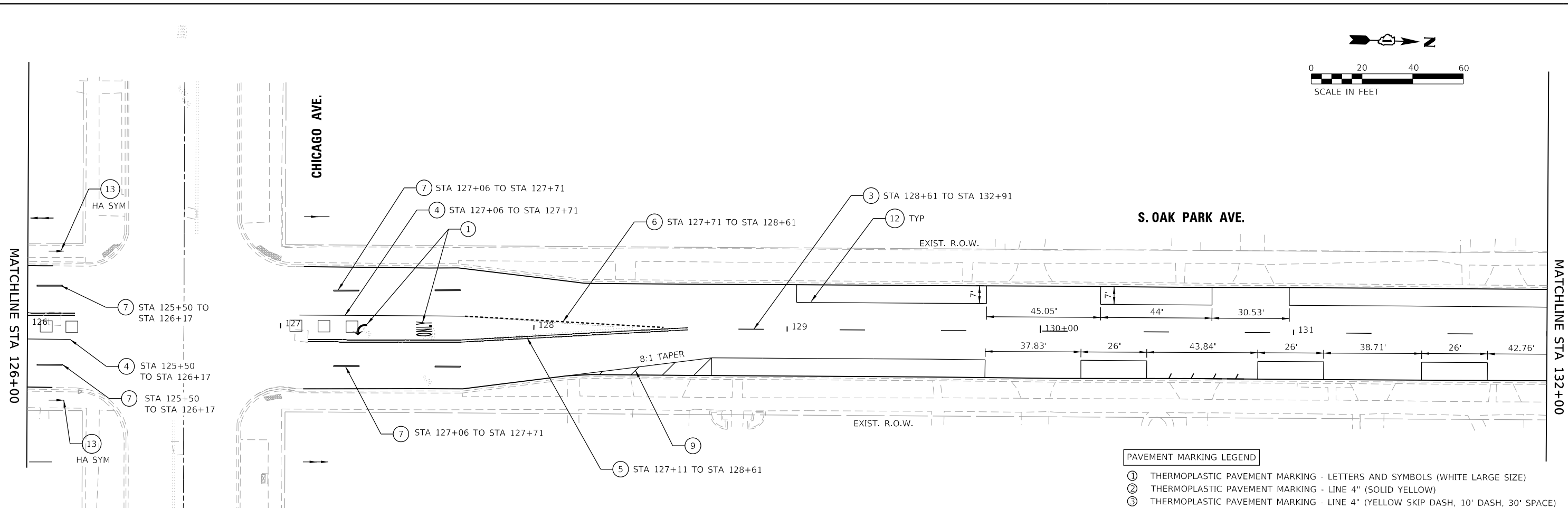
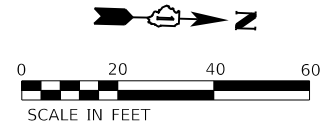
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

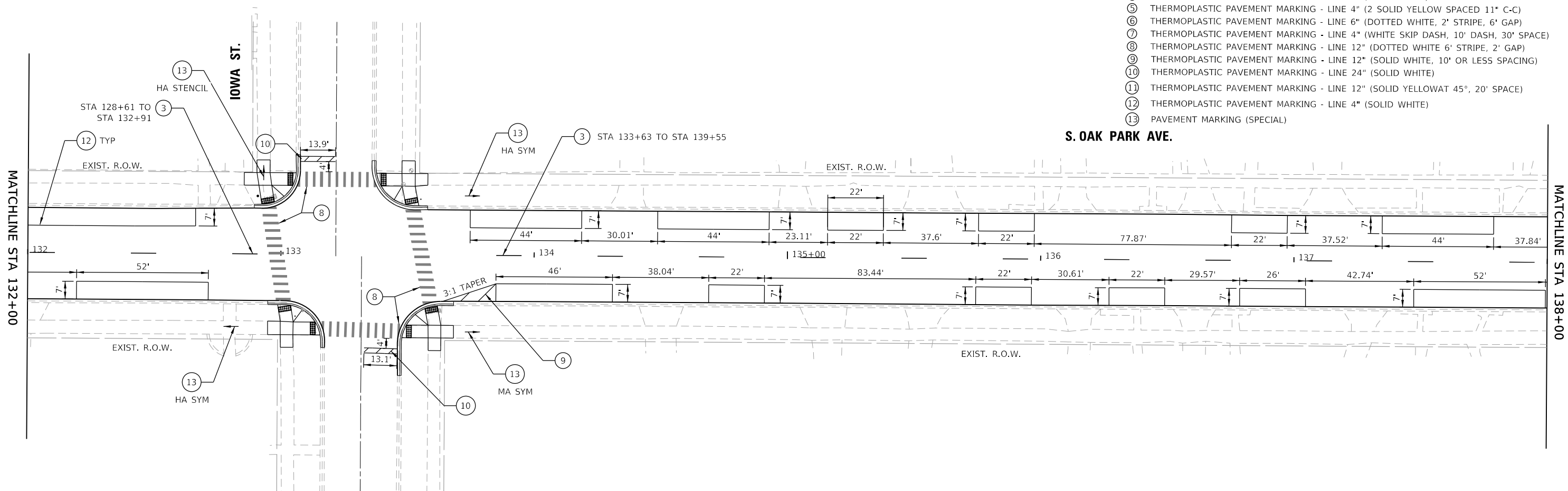
OAK PARK AVENUE
PAVEMENT MARKING SHEETS

SCALE: 1"=20' SHEET 10 OF 15 SHEETS STA. 66+00 TO STA. 72+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	107
CONTRACT NO.61G68				
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
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 - ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2 SOLID YELLOW SPACED 11" C-C)
 - ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' STRIPE, 6' GAP)
 - ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' DASH, 30' SPACE)
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 - ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
 - ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW AT 45°, 20' SPACE)
 - ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
 - ⑬ PAVEMENT MARKING (SPECIAL)



MODEL: Default; FILE NAME: I:\2019\19-263 Oak Park Ave Corridor (Utility and Streetscape)\Design\Transportation\CADD\CADD Sheets\19-263-OakParkAve.dwg; PLOT DATE: 10/26/2020



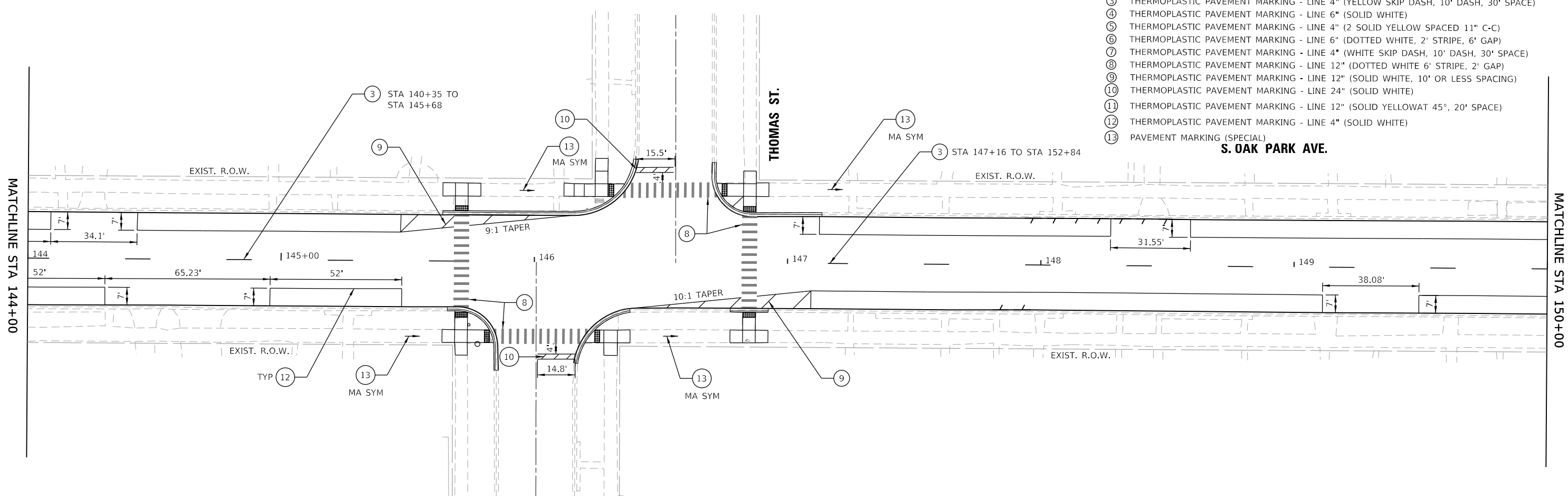
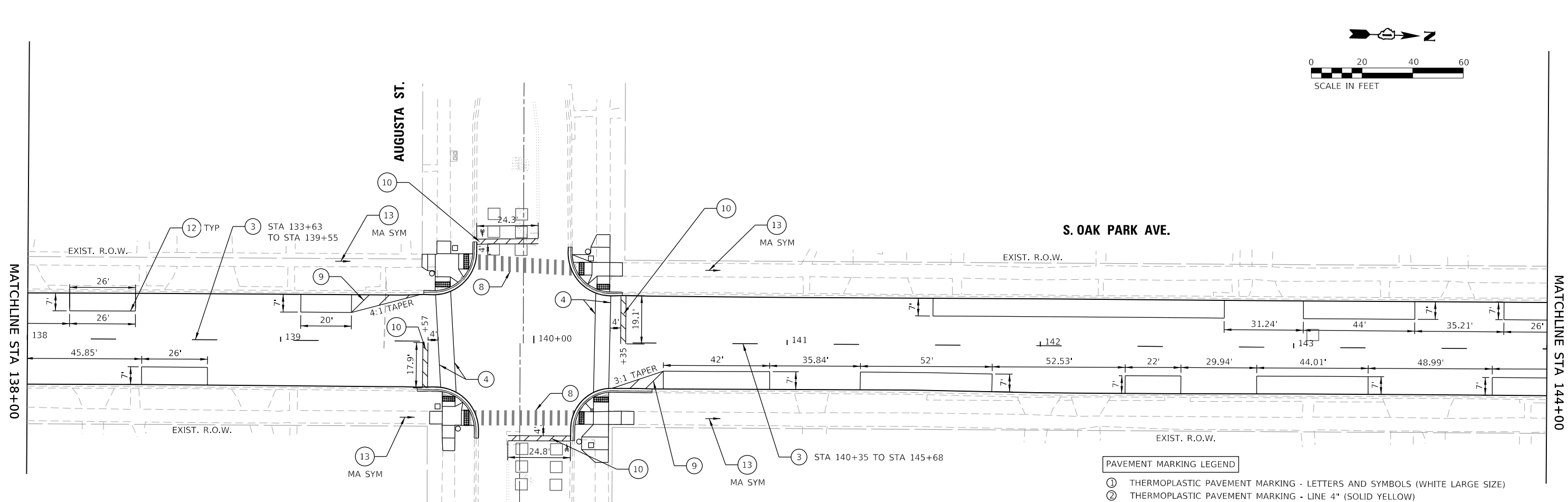
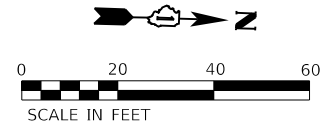
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DRAWN - JPS	REVISIONS -	
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PLOT DATE = 10/26/2020	DATE -	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
PAVEMENT MARKING SHEETS**

SCALE: 1"=20' SHEET 11 OF 15 SHEETS STA. 72+00 TO STA. 78+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	108
CONTRACT NO.61G68				
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
 - ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
 - ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
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 - ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW AT 45°, 20' SPACE)
 - ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
 - ⑬ PAVEMENT MARKING (SPECIAL)

MODEL: Default
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DRAWN - JPS	REVISOR -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
PAVEMENT MARKING SHEETS

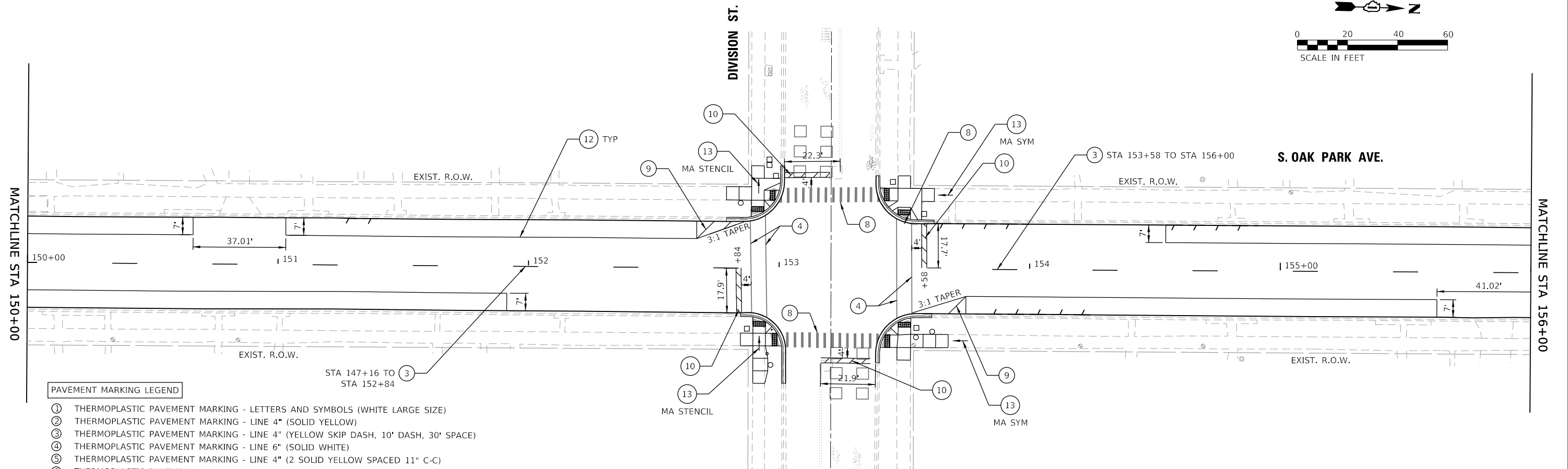
SCALE: 1"=20' SHEET 12 OF 15 SHEETS STA. 78+00 TO STA. 84+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	109
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 150+00

MATCHLINE STA 156+00

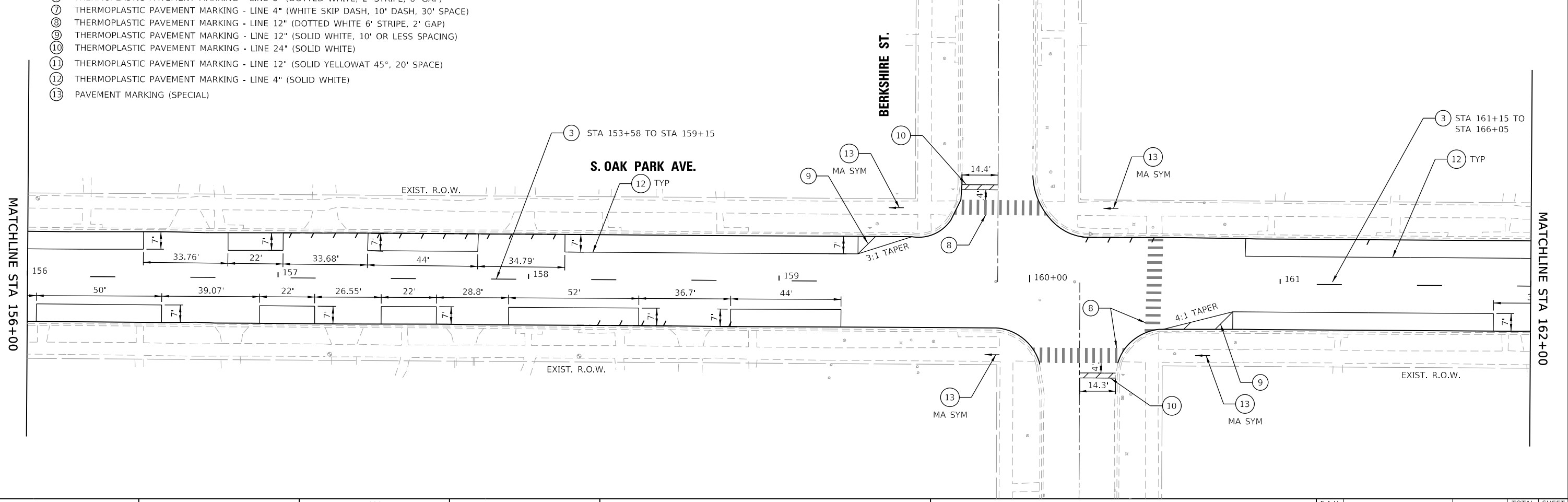


PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
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- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑬ PAVEMENT MARKING (SPECIAL)

MATCHLINE STA 156+00

MATCHLINE STA 162+00



MODEL: Default; FILE: main.dwg; 2019/10/26/2020; Oak Park Ave Corridor (Utility and Streetscape) Design/Transportation/CADD/Sheet/19-00265-00-RS-263-OakParkAve.dwg; PAK 12.dgn



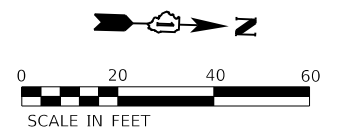
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PLOT SCALE = 40.0000 ' / in.	DRAWN - JPS	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
PAVEMENT MARKING SHEETS**

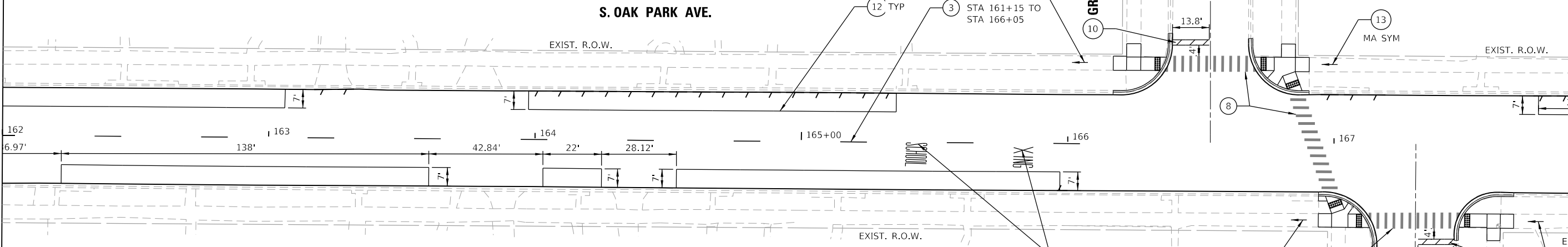
SCALE: 1"=20' SHEET 13 OF 15 SHEETS STA. 84+00 TO STA. 90+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	110
CONTRACT NO.61G68				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 162+00

MATCHLINE STA 168+00

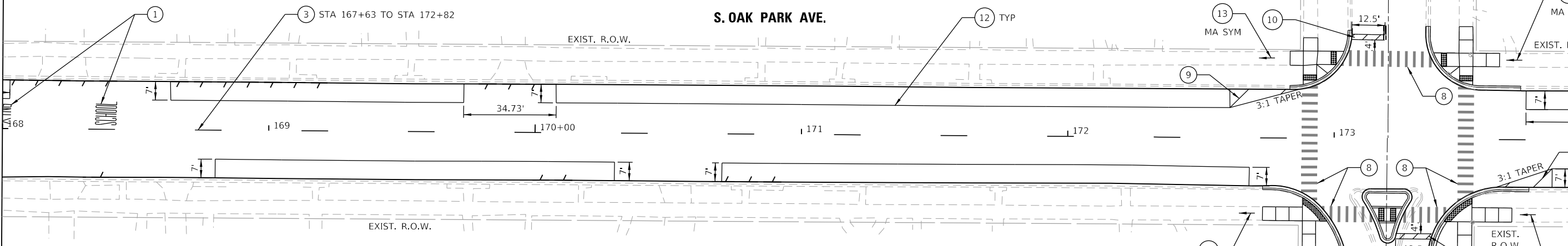


PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (2 SOLID YELLOW SPACED 11" C-C)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (DOTTED WHITE, 2' STRIPE, 6' GAP)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE SKIP DASH, 10' DASH, 30' SPACE)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (DOTTED WHITE 6' STRIPE, 2' GAP)
- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE, 10' OR LESS SPACING)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW AT 45°, 20' SPACE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑬ PAVEMENT MARKING (SPECIAL)

MATCHLINE STA 168+00

MATCHLINE STA 174+00



MODEL: Default; FILE: main.dwg; 2019/10/26/2020 Oak Park Ave Corridor (Utility and Streetscape) Design Transportation/CADD/CADD Sheets/19-263-OakParkAve.dwg_PMK_13.dwg



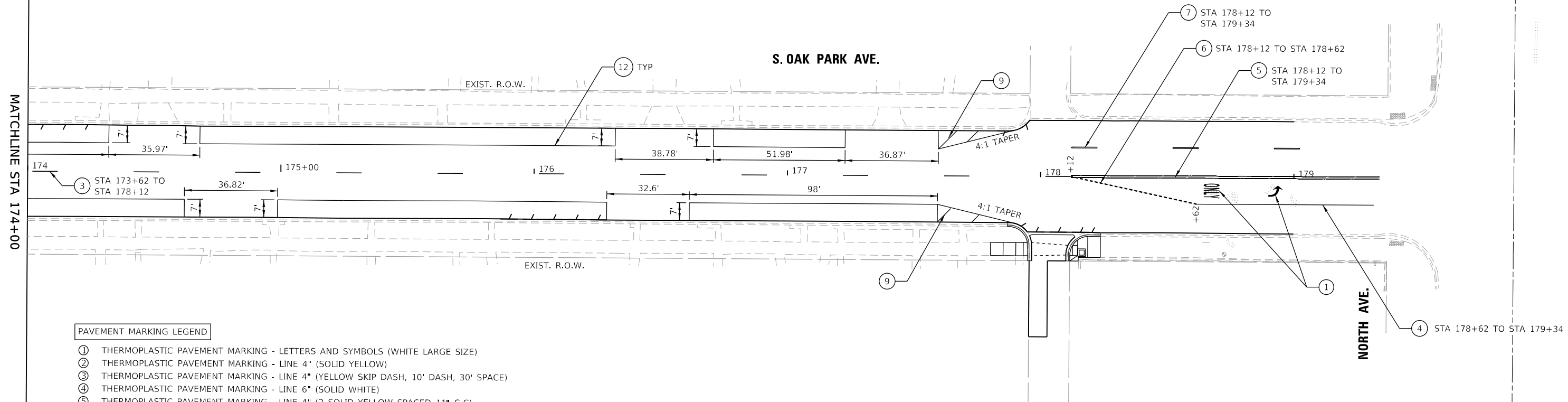
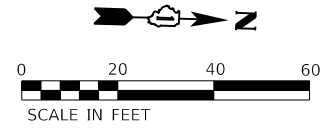
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PLOT SCALE = 40.0000 ' / in.	DRAWN - JPS	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
PAVEMENT MARKING SHEETS**

SCALE: 1"=20' SHEET 14 OF 15 SHEETS STA. 90+00 TO STA. 96+00

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 111
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (WHITE LARGE SIZE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SPACE)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
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- ⑩ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑪ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW AT 45°, 20' SPACE)
- ⑫ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑬ PAVEMENT MARKING (SPECIAL)

MODEL: Default
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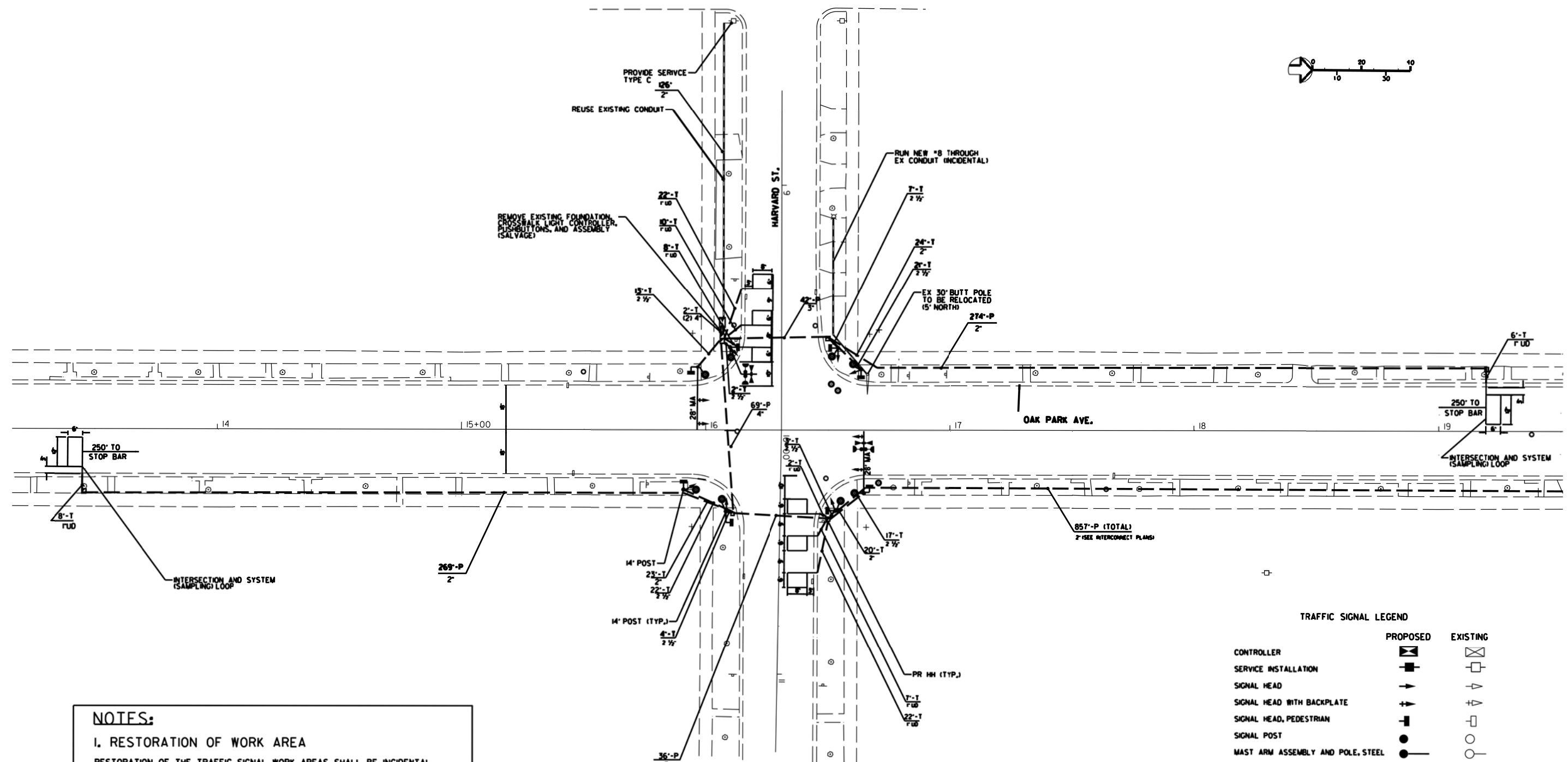
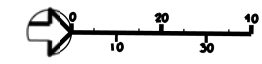
USER NAME = JuanS	DESIGNED - MO	REVISED -
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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
PAVEMENT MARKING SHEETS**

SCALE: 1"=20' SHEET 15 OF 15 SHEETS STA. 90+00 TO STA. 102+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	112
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				



NOTES:

- 1. RESTORATION OF WORK AREA**
RESTORATION OF THE TRAFFIC SIGNAL WORK AREAS SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD.
- 2. TRAFFIC SIGNAL EQUIPMENT**
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM
- 3. CONDUIT INSTALLATION**
DIRECTIONAL BORING SHALL BE USED TO PUSH CONDUIT WHEREVER POSSIBLE.

FOR INFORMATION ONLY

TRAFFIC SIGNAL LEGEND	
PROPOSED	EXISTING

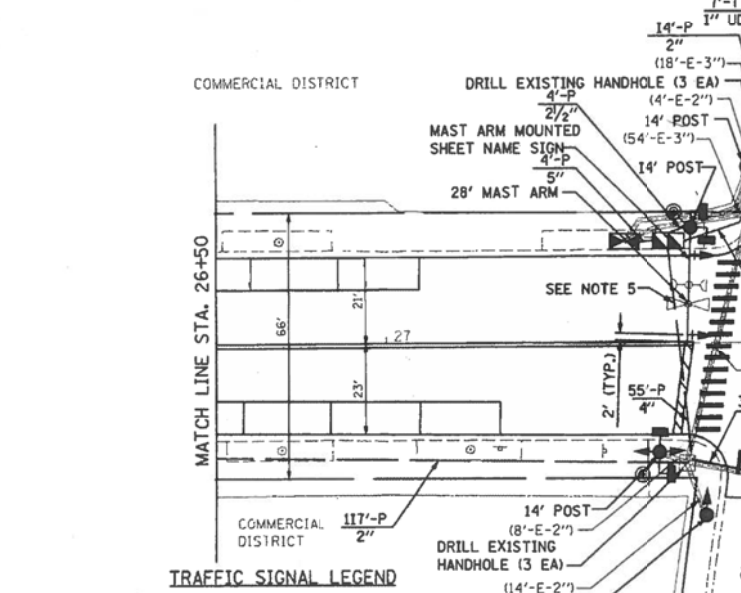
	USER NAME = JuanS DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OAK PARK AVENUE EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY	F.A.U. RTE. = 2775 SECTION = 19-00265-00-RS COUNTY = COOK ILLINOIS FED. AID PROJECT	TOTAL SHEETS = 163 SHEET NO. = 113 CONTRACT NO. 61G68	
	PLOT SCALE = 2,000' / in. PLOT DATE = 10/26/2020	CHECKED - DATE -			REVISED - REVISED -	SCALE: N.T.S. SHEET 1 OF 17 SHEETS STA. TO STA.	
	FOR INFORMATION ONLY						
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F.A.U. SECTION	COUNTY	TOTAL SHEETS
2775 99-00235-00-RS	COOK	168
STA. TO STA.	ILLINOIS FED. AID PROJECT	
		83751

RESTORATION OF WORK AREA
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250, RESPECTIVELY.

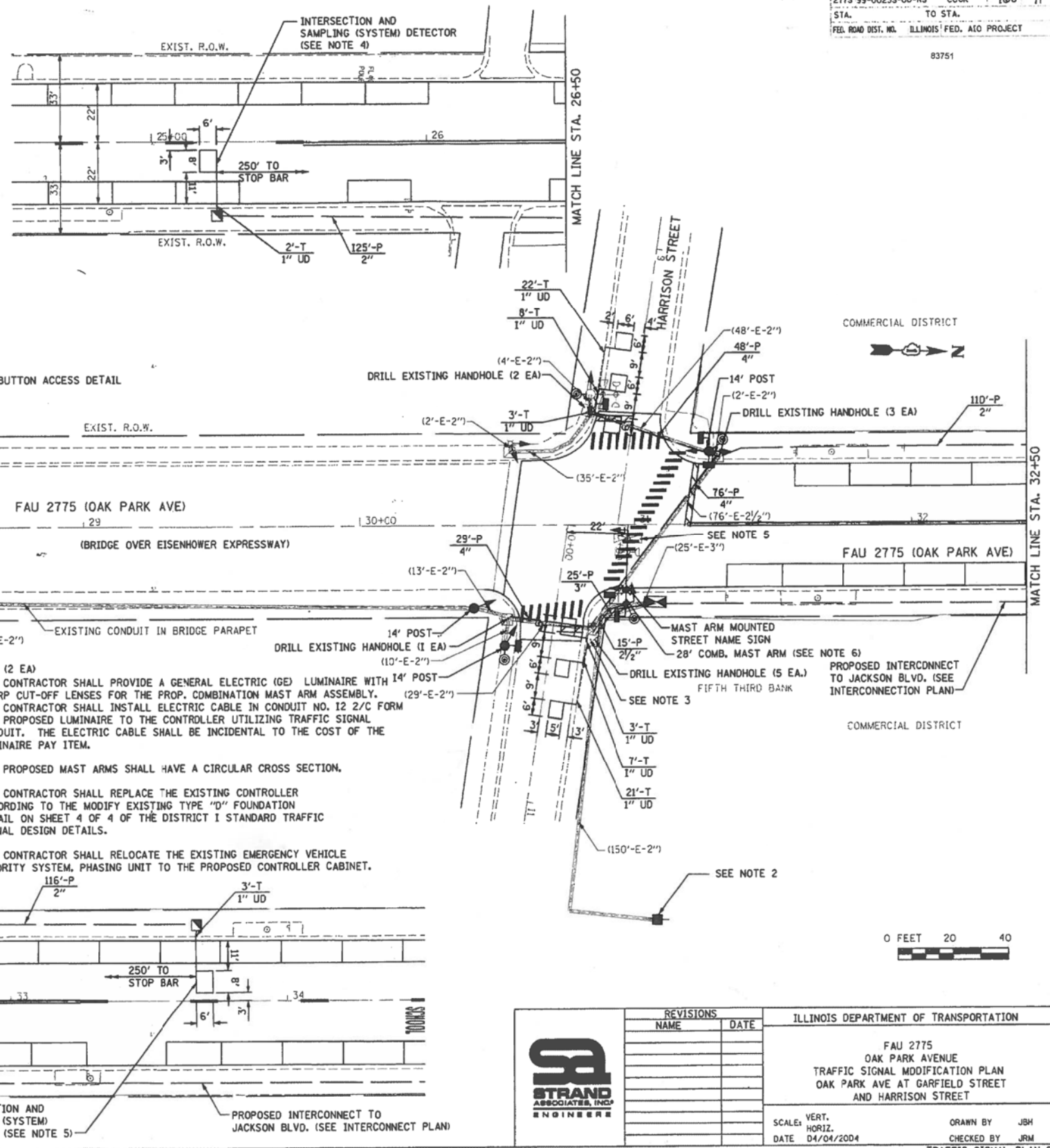
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

1. THE CONTRACTOR SHALL REPLACE ALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS WITH L.E.D. (LIGHT EMITTING DIODE) SIGNAL HEADS.
2. EXISTING SERVICE INSTALLATION SHALL BE REPLACED AT EXISTING LOCATIONS.
3. INSTALL A 2' CONDUIT STUB FROM THE HANDHOLE FOR THE PROPOSED INTERCONNECTION.
4. INTERSECTION AND SAMPLING (SYSTEM) DETECTORS SHALL BE INSTALLED IN THE TRAVEL LANE 2' FROM THE EDGE OF PARKING LANE.
5. PROPOSED LOCATION OF RELOCATED EVP EQUIPMENT FROM EXISTING MAST ARM.



- CONTROLLER**
- SERVICE INSTALLATION**
- SIGNAL HEAD**
- SIGNAL HEAD WITH BACKPLATE**
- SIGNAL HEAD PEDESTRIAN**
- SIGNAL POST**
- MAST ARM ASSEMBLY AND POLE, STEEL**
- MAST ARM ASSEMBLY AND POLE, ALUMINUM**
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE**
- UNIT DUCT**
- COMMON TRENCH**
- HANDHOLE**
- HEAVY DUTY HANDHOLE**
- DOUBLE HANDHOLE**
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)**
- PEDESTRIAN PUSHBUTTON DETECTOR**
- DETECTOR LOOP**
- CAST IRON JUNCTION BOX**
- EMERGENCY VEHICLE LIGHT DETECTOR**
- CONFIRMATION BEACON**
- SIGNAL HEAD OPTICALLY PROGRAMMED**
- CONDUIT SPLICE**

6. THE CONTRACTOR SHALL PROVIDE A GENERAL ELECTRIC (GE) LUMINAIRE WITH 14' POST SHARP CUT-OFF LENSES FOR THE PROP. COMBINATION MAST ARM ASSEMBLY. THE CONTRACTOR SHALL INSTALL ELECTRIC CABLE IN CONDUIT NO. 12 2/C FORM THE PROPOSED LUMINAIRE TO THE CONTROLLER UTILIZING TRAFFIC SIGNAL CONDUIT. THE ELECTRIC CABLE SHALL BE INCIDENTAL TO THE COST OF THE LUMINAIRE PAY ITEM.
7. ALL PROPOSED MAST ARMS SHALL HAVE A CIRCULAR CROSS SECTION.
8. THE CONTRACTOR SHALL REPLACE THE EXISTING CONTROLLER ACCORDING TO THE MODIFY EXISTING TYPE "D" FOUNDATION DETAIL ON SHEET 4 OF 4 OF THE DISTRICT I STANDARD TRAFFIC SIGNAL DESIGN DETAILS.
9. THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT TO THE PROPOSED CONTROLLER CABINET.

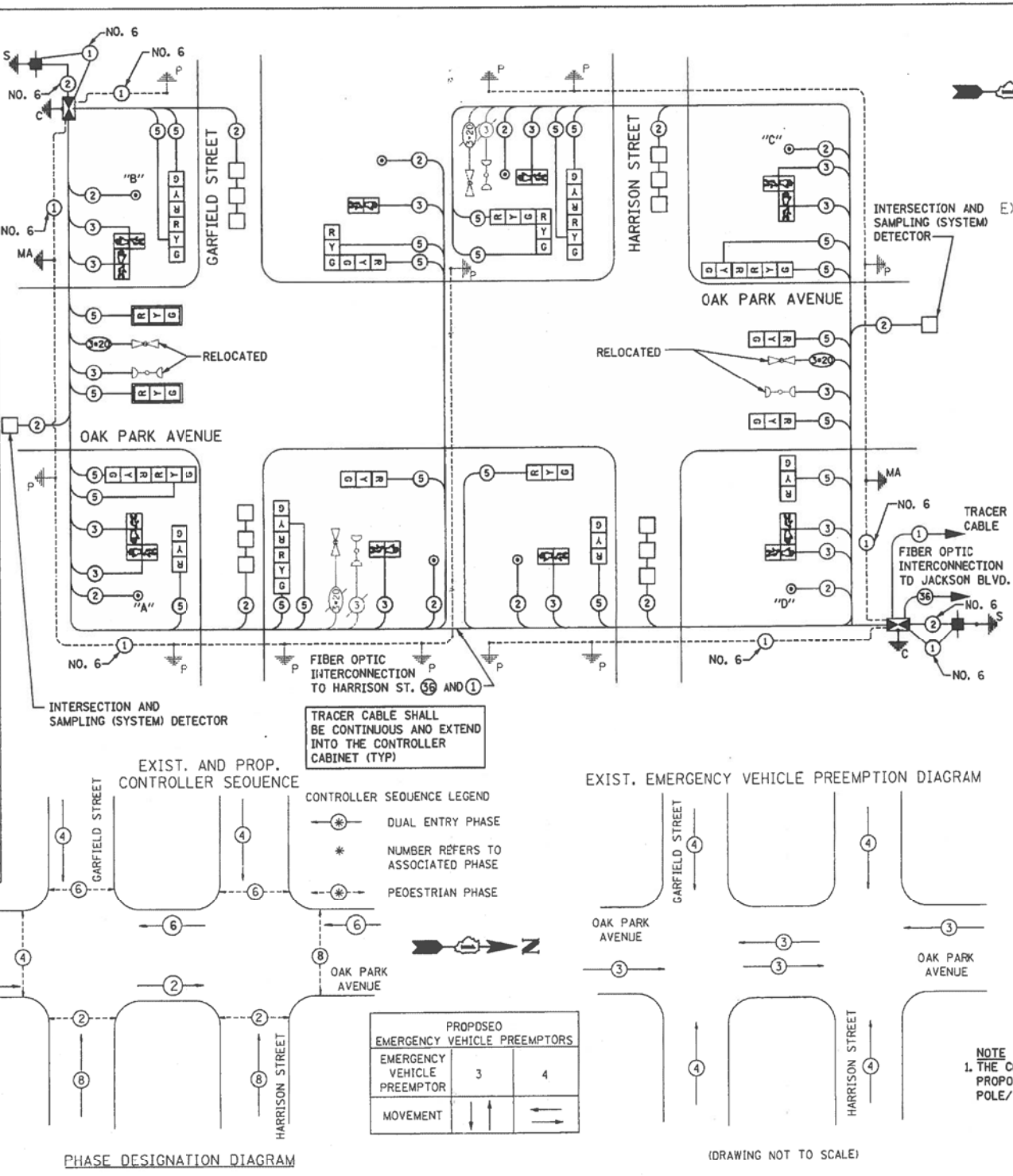


REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		FAU 2775 OAK PARK AVENUE TRAFFIC SIGNAL MODIFICATION PLAN OAK PARK AVE AT GARFIELD STREET AND HARRISON STREET
		SCALE: VERT. HORIZ. DATE 04/04/2004 DRAWN BY JSH CHECKED BY JRM TRAFFIC SIGNAL PLAN 2

FOR INFORMATION ONLY

83751

ITEM	UNIT	GARFIELD STREET	HARRISON STREET
SIGN PANEL - TYPE 1	SO FT	19.5	21.0
REMOVE SIGN PANEL - TYPE 1	SO FT	16.5	16.5
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	256	226
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	31	15
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	87	153
CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	4	
HANDHOLE	EACH	1	1
DOUBLE HANDHOLE	EACH	1	
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	359	486
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	751	1,033
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,285	1,765
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	508	580
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	312	172
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT	EACH	4	3
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT	EACH	1	
CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	15	15
DRILL EXISTING HANDHOLE	EACH	8	11
TRAFFIC SIGNAL BACKPLATE	EACH	2	2
INDUCTIVE LOOP DETECTOR	EACH	3	3
DETECTOR LOOP, TYPE I	FOOT	265	210
PEDESTRIAN PUSH-BUTTON	EACH	4	4
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM,			
DETECTOR UNIT	EACH	2	2
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM,			
PHASING UNIT	EACH	1	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2,969	1,816
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	
SERVICE INSTALLATION - POLE MOUNTED	EACH	1	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	463	484
MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	1	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	2	2
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	3
ELECTRIC CABLE IN CONDUIT NO. 20 3/ C, TWISTED, SHIELDED	FOOT	224	312
DOUBLE HANDHOLE	EACH	1	
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH		1
LUMINAIRE, METAL HALIDE HORIZONTAL MOUNT 250 WATT	EACH		1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4	5
MODIFY TRAFFIC SIGNAL POST FOUNDATION	EACH	4	3



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
⊖	⊖	8" (200mm) TRAFFIC SIGNAL SECTION
⊖	⊖	12" (300mm) TRAFFIC SIGNAL SECTION
⊖	⊖	12" (300mm) PEDESTRIAN SIGNAL SECTION (LETTERS)
⊖	⊖	12" (300mm) PEDESTRIAN SIGNAL SECTION (SYMBOLS)
⊖	⊖	CONTROLLER CABINET
⊖	⊖	SERVICE INSTALLATION
⊖	⊖	TELEPHONE INSTALLATION
⊖	⊖	VEHICLE DETECTOR, INDUCTIVE LOOP
⊖	⊖	MAGNETIC DETECTOR
⊖	⊖	EMERGENCY VEHICLE LIGHT DETECTOR
⊖	⊖	CONFIRMATION BEACON
⊖	⊖	PUSHBUTTON DETECTOR
⊖	⊖	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
⊖	⊖	⊖ GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
⊖	⊖	⊖ FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F
⊖	⊖	⊖ SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
⊖	⊖	⊖ GROUND CABLE ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
⊖	⊖	⊖ GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
⊖	⊖	⊖ GROUND ROD AT ELECTRIC SERVICE INSTALLATION

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS		WATTAGE		%OPERATION	TOTAL WATTAGE
	GAR (HAR)	INCAND. LED	INCAND.	LED		
SIGNAL (RED)	12 (11)		17	0.50	102 (93.5)	
(YELLOW)	12 (11)		25	0.25	75 (68.75)	
(GREEN)	12 (11)		15	0.25	45 (41.25)	
ARROW	0 (0)		12	0.10	0 (0)	
PED. SIGNAL	5 (6)		25	1.00	125 (150)	
CONTROLLER	1 (1)		100	1.00	100 (100)	
ILLUM. SIGN	0 (0)			0.05	0 (0)	

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPEA - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'±L-2"±
E - M. ARM POLE		SIGNAL POST	2 (1.0)		(6m±L-0.6m)
		24" (600 mm) CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
		30" (750 mm) FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRICAL SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

ENERGY COSTS TO: TOTAL = \$32 (454)

VILLAGE OF OAK PARK

ENERGY SUPPLY CONTACT:

PHONE:

COMPANY: Commonwealth Edison

FOR INFORMATION ONLY

USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
 EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 115
CONTRACT NO. 61G68				ILLINOIS FED. AID PROJECT



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAU 2775
 OAK PARK AVENUE
 CABLE PLAN
 OAK PARK AVE AND
 GARFIELD ST./HARRISON ST.

SCALE: VERT. 1"=10'
 HORIZ. 1"=40'
 DATE 04/04/2004

DRAWN BY JBH
 CHECKED BY JRM
 TRAFFIC SIGNAL PLAN 3

MODEL: Default
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 TIME: 02:43:38 PM
 DATE: 04/04/2004

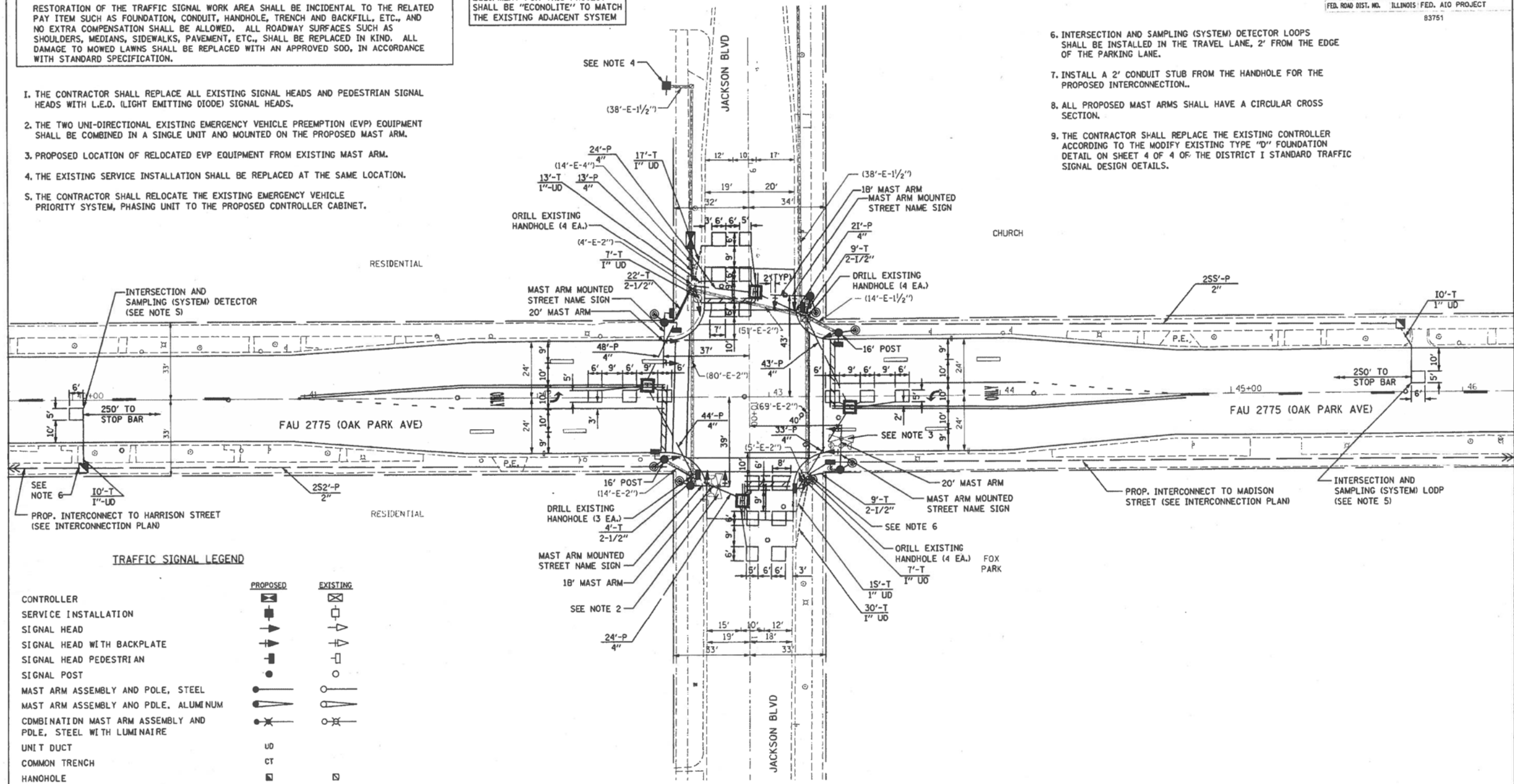
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775 99-00235-00-RS		COOK	168	75
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		83751	

RESTORATION OF WORK AREA
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOO, IN ACCORDANCE WITH STANDARD SPECIFICATION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

1. THE CONTRACTOR SHALL REPLACE ALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS WITH L.E.D. (LIGHT EMITTING DIODE) SIGNAL HEADS.
2. THE TWO UNI-DIRECTIONAL EXISTING EMERGENCY VEHICLE PREEMPTION (EVP) EQUIPMENT SHALL BE COMBINED IN A SINGLE UNIT AND MOUNTED ON THE PROPOSED MAST ARM.
3. PROPOSED LOCATION OF RELOCATED EVP EQUIPMENT FROM EXISTING MAST ARM.
4. THE EXISTING SERVICE INSTALLATION SHALL BE REPLACED AT THE SAME LOCATION.
5. THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT TO THE PROPOSED CONTROLLER CABINET.

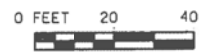
6. INTERSECTION AND SAMPLING (SYSTEM) DETECTOR LOOPS SHALL BE INSTALLED IN THE TRAVEL LANE, 2' FROM THE EDGE OF THE PARKING LANE.
7. INSTALL A 2' CONDUIT STUB FROM THE HANDHOLE FOR THE PROPOSED INTERCONNECTION.
8. ALL PROPOSED MAST ARMS SHALL HAVE A CIRCULAR CROSS SECTION.
9. THE CONTRACTOR SHALL REPLACE THE EXISTING CONTROLLER ACCORDING TO THE MODIFY EXISTING TYPE "D" FOUNDATION DETAIL ON SHEET 4 OF 4 OF THE DISTRICT I STANDARD TRAFFIC SIGNAL DESIGN DETAILS.



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]
SIGNAL HEAD PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	[Symbol]	[Symbol]
UNIT DUCT	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]
HANDHOLE	[Symbol]	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	[Symbol]
DOUBLE HANDHOLE	[Symbol]	[Symbol]
G. S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
DETECTOR LOOP	[Symbol]	[Symbol]
CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol]
CONDUIT SPLICE	[Symbol]	[Symbol]

	REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION
	NAME DATE	
		FAU 2775 OAK PARK AVENUE TRAFFIC SIGNAL MODIFICATION PLAN OAK PARK AVE & JACKSON BLVD
SCALE: VERT. DATE 04/04/2004		DRAWN BY BLP CHECKED BY JRM TRAFFIC SIGNAL PLAN 5



DATE: 04/04/2004
 TIME: 02:43:33 PM
 FILENAME: s:\@rail\751-800\784\431\intersec\signals\modification\plan.dgn

FOR INFORMATION ONLY

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	22.5
REMOVE SIGN PANEL - TYPE 1	SQ FT	18.0
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	44
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	507
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	256
HANDHOLE	EACH	2
HEAVY-DUTY HANDHOLE	EACH	4
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	44
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,134
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,593
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	568
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,235
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,490
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	60
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 18 FT	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 20 FT	EACH	2
CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	60
DRILL EXISTING HANDHOLE	EACH	15
TRAFFIC SIGNAL BACKPLATE	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	2
DETECTOR_LOAD, TYPE I	FOOT	660
PEDESTRIAN PUSH-BUTTON	EACH	4
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,540
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	495
MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/ C, TWISTED, SHIELDED	FOOT	429
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4
MODIFY TRAFFIC SIGNAL POST FOUNDATION	EACH	2

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		OPERATION	
		INCAND.	LED		
SIGNAL (RED)	12	17	0.50	100	
(YELLOW)	12	25	0.25	75	
(GREEN)	12	15	0.25	45	
ARROW	16	12	0.10	19.2	
PED. SIGNAL	8	25	1.00	200	
CONTROLLER	1	100	1.00	100	
ILLUM. SIGN			0.05	0	

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-H-2=
E - M. ARM POLE		SIGNAL POST	2 (1.0)		(6m-H, 0.6m)
		24" (600 mm) 10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED
		30" (750 mm) 15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON
			ELECTRIC SERVICE	1 (0.5)	ELECTRICAL SERVICE
			GROUND CABLE	1 (0.5)	SERVICE TO GROUND
					POST MOUNTED

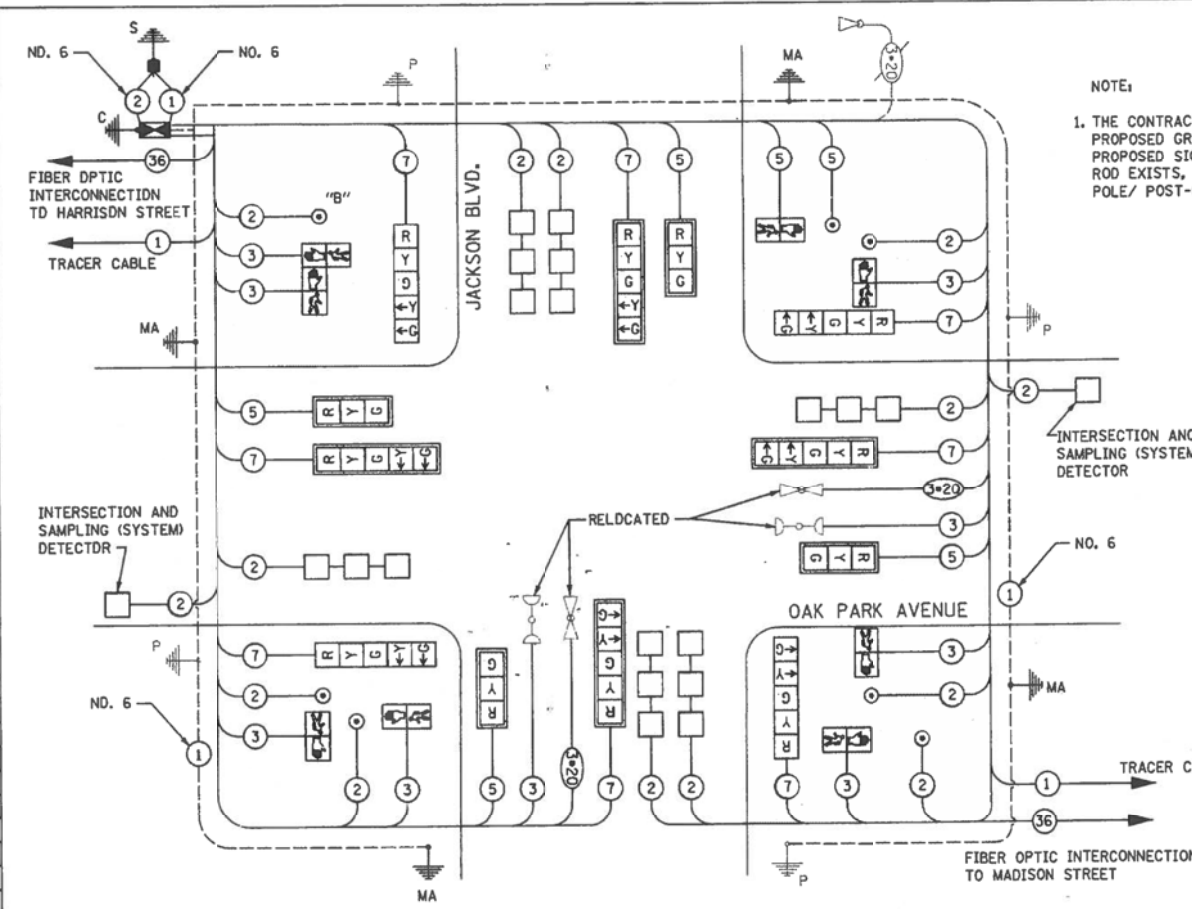
ENERGY COSTS TO: TOTAL = 541

VILLAGE OF OAK PARK

ENERGY SUPPLY CONTACT: _____

PHONE: _____

COMPANY: Commonwealth Edison



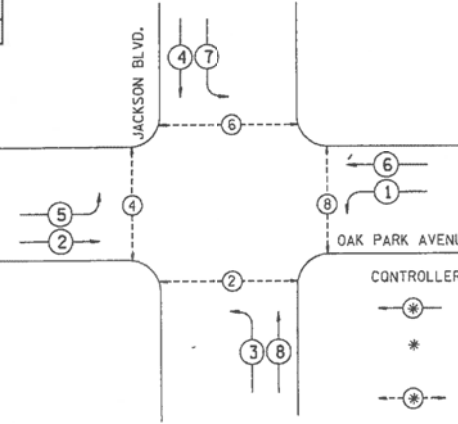
NOTE:
1. THE CONTRACTOR SHALL ATTACH THE PROPOSED GROUNDING CABLE TO THE PROPOSED SIGNAL POST IF NO GROUND ROD EXISTS, PER THE MAST ARM POLE/ POST-GROUNDING DETAIL.

ALL TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET (TYP.)

CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
(G)	(G)	8" (200mm) TRAFFIC SIGNAL SECTION
(R)	(R)	12" (300mm) TRAFFIC SIGNAL SECTION
(W)	(W)	12" (300mm) PEDESTRIAN SIGNAL SECTION (LETTERS)
(S)	(S)	12" (300mm) PEDESTRIAN SIGNAL SECTION (SYMBOLS)
(C)	(C)	CONTROLLER CABINET
(S)	(S)	SERVICE INSTALLATION
(T)	(T)	TELEPHONE INSTALLATION
(V)	(V)	VEHICLE DETECTOR, INDUCTIVE LOOP
(M)	(M)	MAGNETIC DETECTOR
(E)	(E)	EMERGENCY VEHICLE LIGHT DETECTOR
(B)	(B)	CONFIRMATION BEACON
(P)	(P)	PUSHBUTTON DETECTOR
(2)	(2)	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LDDP DETECTOR CABLE TO BE SHIELDED.
(1)	(1)	GROUND CABLE IN CONDUIT NO. 6 SDLIO COPPER (GREEN)
(36)	(36)	FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F
(R Y G)	(R Y G)	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
(H)	(H)	GROUND CABLE ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
(P)	(P)	GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
(S)	(S)	GROUND ROD AT ELECTRIC SERVICE INSTALLATION

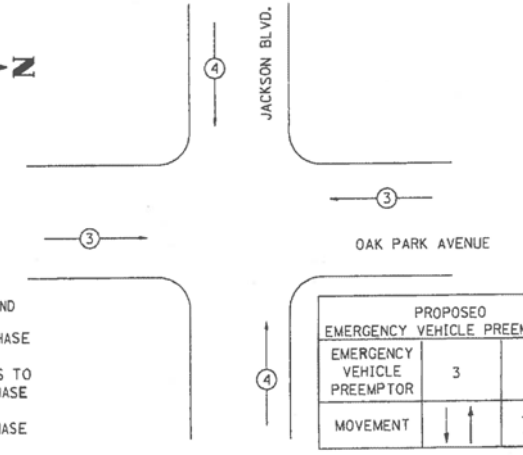
EXIST. AND PROP. CONTROLLER SEQUENCE



CONTROLLER SEQUENCE LEGEND

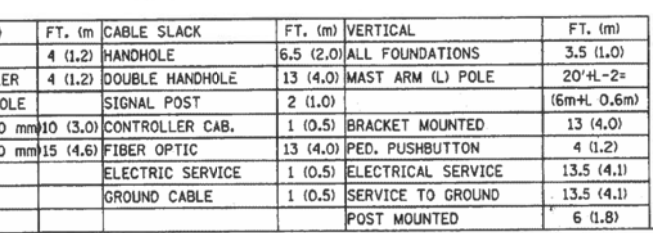
- (*) DUAL ENTRY PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE
- (-*) PEDESTRIAN PHASE

EXIST. EMERGENCY VEHICLE PREEMPTION DIAGRAM



PROPOSED EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3
MOVEMENT	↑ ↓ ← →

PHASE DESIGNATION DIAGRAM



(DRAWING NOT TO SCALE)

PUSH-BUTTON NOTES
PUSH-BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		FAU 2775 OAK PARK AVENUE CABLE PLAN OAK PARK AVE & JACKSON BLVD	
		SCALE: VERT. _____ HORIZ. _____ DATE 04/04/2004	DRAWN BY JRM CHECKED BY JRM TRAFFIC SIGNAL PLAN 6

FOR INFORMATION ONLY

RESTORATION OF WORK AREA

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDBOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOO, IN ACCORDANCE WITH STANDARD SPECIFICATION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

1. THE CONTRACTOR SHALL REPLACE ALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS WITH L.E.O. (LIGHT EMITTING DIODE) SIGNAL HEADS.
2. THE EXISTING SERVICE INSTALLATION SHALL BE REPLACED AT THE SAME LOCATION.
3. INTERSECTION AND SAMPLING (SYSTEM) DETECTOR LOOPS SHALL BE INSTALLED IN THE TRAVEL LANE, 2' FROM THE EDGE OF THE PARKING LANE.
4. INSTALL A 2' CONDUIT STUB FROM THE HANDBOLE FOR THE PROPOSED INTERCONNECTION.
5. PROPOSED LOCATION OF RELOCATED EVP EQUIPMENT.
6. THE CONTRACTOR SHALL PROVIDE A GENERAL ELECTRIC (GE) LUMINAIRE WITH SHARP CUT-OFF LENSES FOR THE PROP. COMBINATION MAST ARM ASSEMBLY. THE CONTRACTOR SHALL INSTALL ELECTRIC CABLE IN CONDUIT NO. 12 2/C FORM THE PROPOSED LUMINAIRE TO THE CONTROLLER UTILIZING TRAFFIC SIGNAL CONDUIT. THE ELECTRIC CABLE SHALL BE INCIDENTAL TO THE COST OF THE LUMINAIRE PAY ITEM.
7. ALL PROPOSED MAST ARMS SHALL HAVE A CIRCULAR CROSS SECTION.

F.A.U. SECTION	COUNTY	TOTAL SHEET
2775-99-00235-00-RS	COOK	163
STA.	TO STA.	118
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
	83751	

TIME: 02:03:28 PM

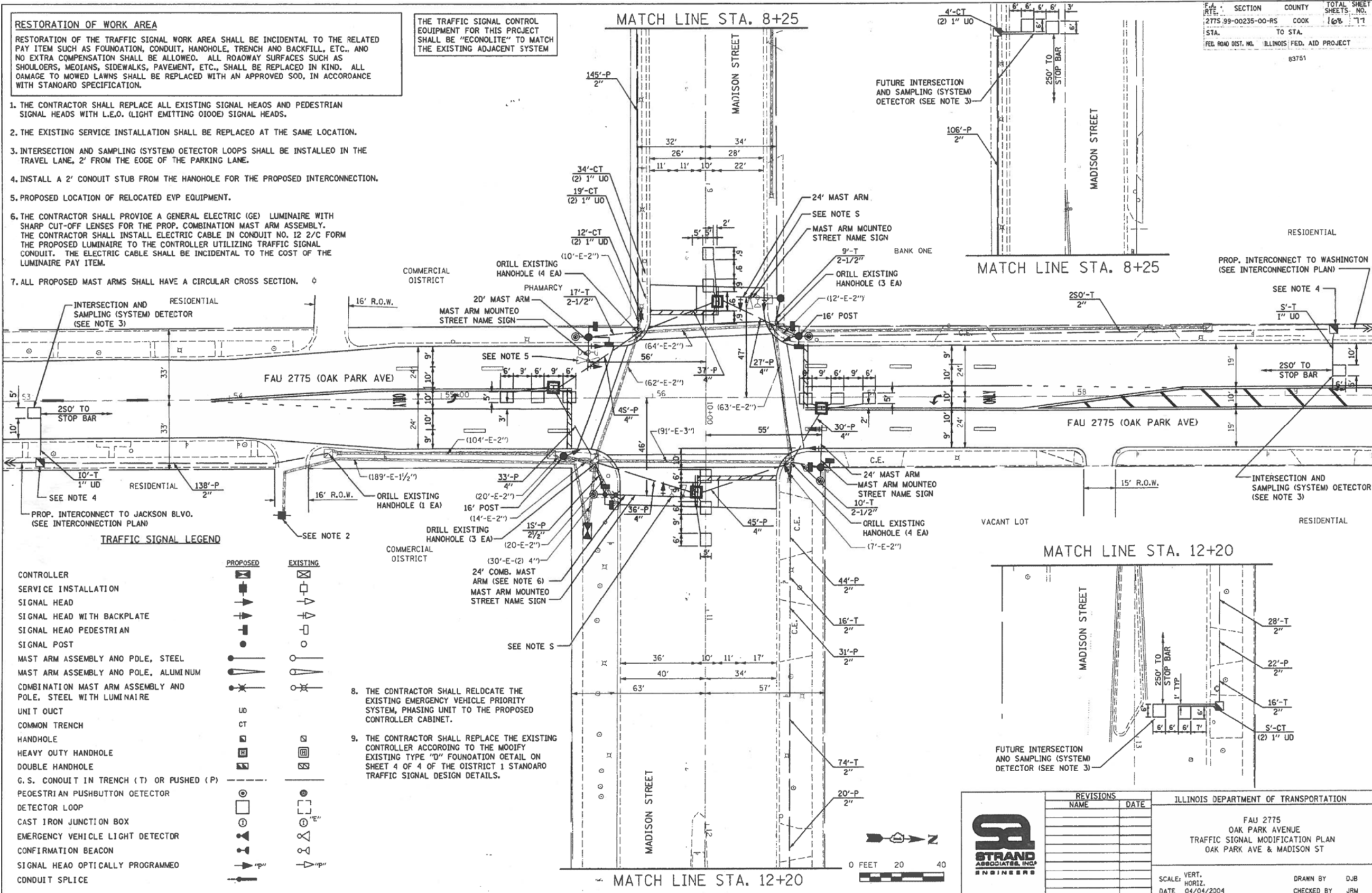
DATE: 04/04/2004

FILENAME: s:\@mail\751-800\784\491\interest\signals\modernization\mshs.dgn

TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINUM		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE		
UNIT DUCT		
COMMON TRENCH		
HANDBOLE		
HEAVY DUTY HANDBOLE		
DOUBLE HANDBOLE		
G. S. CONDUIT IN TRENCH (T) OR PUSHED (P)		
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP		
CAST IRON JUNCTION BOX		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
SIGNAL HEAD OPTICALLY PROGRAMMED		
CONDUIT SPLICE		

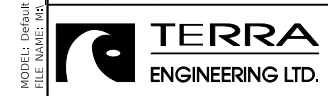
8. THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT TO THE PROPOSED CONTROLLER CABINET.
9. THE CONTRACTOR SHALL REPLACE THE EXISTING CONTROLLER ACCORDING TO THE MODIFY EXISTING TYPE "D" FOUNDATION DETAIL ON SHEET 4 OF 4 OF THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION	
FAU 2775 OAK PARK AVENUE TRAFFIC SIGNAL MODIFICATION PLAN OAK PARK AVE & MADISON ST	
SCALE: VERT. DATE 04/04/2004	DRAWN BY DJB CHECKED BY JRM
TRAFFIC SIGNAL PLAN B	

FOR INFORMATION ONLY



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY

SCALE: N.T.S. SHEET 6 OF 17 SHEETS STA. TO STA.

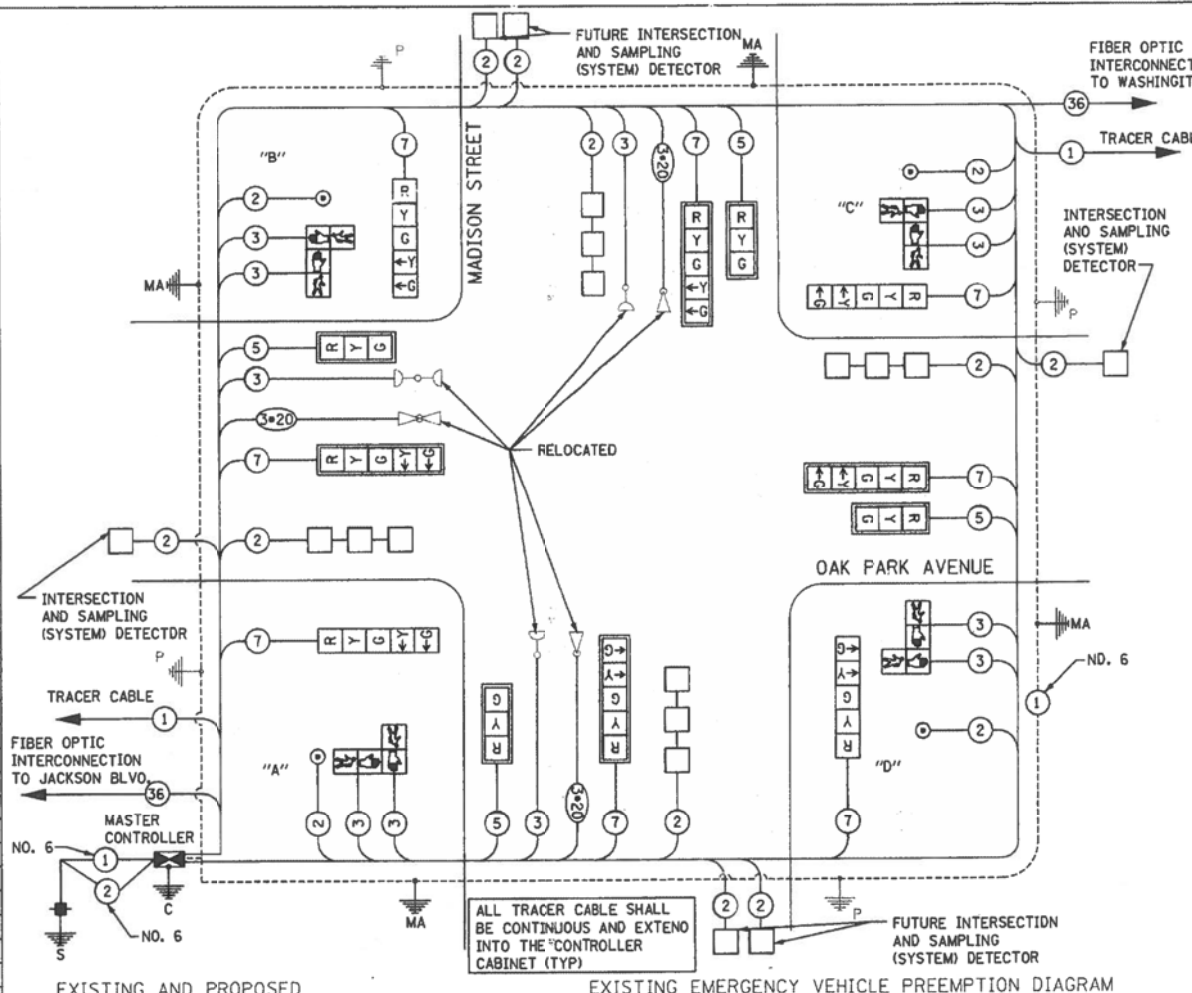
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	118
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

TIME: 05:43:12 PM

DATE: 04/04/2004

FILENAME: c:\na\151-800\746\151\micro\cable_plans\madison.dgn

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	42.0
REMOVE SIGN PANEL - TYPE 1	SQ FT	31.5
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	134
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	19
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	756
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	32
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	261
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	4
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	153
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	647
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,932
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	792
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,463
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,979
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	211
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 20 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT	EACH	2
CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	45
DRILL EXISTING HANDHOLE	EACH	15
TRAFFIC SIGNAL BACKPLATE	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE 1	FOOT	600
PEDESTRIAN PUSH-BUTTON	EACH	4
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	3
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4,153
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	TBI
MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	4
ELECTRIC CABLE IN CONDUIT NO. 20 3/ C, TWISTED, SHIELDED	FOOT	591
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1
LUMINAIRE, METAL HALIDE HORIZONTAL MOUNT 250 WATT	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	6
MODIFY TRAFFIC SIGNAL POST FOUNDATION	EACH	2

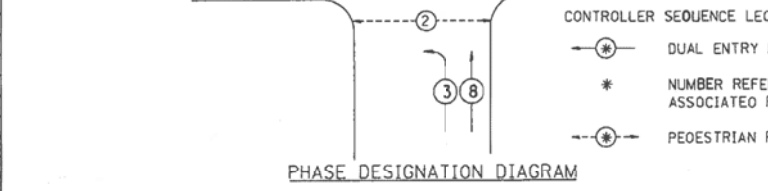


CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
(Symbol)	(Symbol)	8" (200mm) TRAFFIC SIGNAL SECTION
(Symbol)	(Symbol)	12" (300mm) TRAFFIC SIGNAL SECTION
(Symbol)	(Symbol)	12" (300mm) PEDESTRIAN SIGNAL SECTION (LETTERS)
(Symbol)	(Symbol)	12" (300mm) PEDESTRIAN SIGNAL SECTION (SYMBOLS)
(Symbol)	(Symbol)	CONTROLLER CABINET
(Symbol)	(Symbol)	SERVICE INSTALLATION
(Symbol)	(Symbol)	TELEPHONE INSTALLATION
(Symbol)	(Symbol)	VEHICLE DETECTOR, INDUCTIVE LOOP
(Symbol)	(Symbol)	MAGNETIC DETECTOR
(Symbol)	(Symbol)	EMERGENCY VEHICLE LIGHT DETECTOR
(Symbol)	(Symbol)	CONFIRMATION BEACON
(Symbol)	(Symbol)	PUSHBUTTON DETECTOR
(Symbol)	(Symbol)	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
(Symbol)	(Symbol)	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
(Symbol)	(Symbol)	FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F
(Symbol)	(Symbol)	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
(Symbol)	(Symbol)	GROUND CABLE RIG AT HANDHOLE (H), DOUBLE HANDHOLE (HH), OR CONTROLLER (C)
(Symbol)	(Symbol)	GROUND RIG AT POST (P) OR MAST ARM POLE (MA)
(Symbol)	(Symbol)	GROUND RIG AT ELECTRIC SERVICE INSTALLATION

I.O.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE INCAN. LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	17	0.50	102
(YELLOW)	12	25	0.25	75
(GREEN)	12	15	0.25	45
ARROW	16	12	0.10	19.2
PED. SIGNAL	8	25	1.00	200
CONTROLLER	1	100	1.00	100
ILLUM. SIGN			0.05	0



ENERGY COSTS TO:

FLASHER	1	0.50	D
TOTAL =	\$41		

ENERGY SUPPLY CONTACT:
 PHONE: _____
 COMPANY: Commonwealth Edison

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
O - CONTROLLER	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
E - M. ARM POLE	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
24" (600 mm) HD (3.0)		SIGNAL POST	2 (1.0)		(6m+L-0.6m)
30" (750 mm) HD (4.6)		CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
		FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRICAL SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)



REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAU 2775
 OAK PARK AVENUE
 CABLE PLAN
 OAK PARK AVE & MADISON ST

SCALE: VERT. _____
 HORIZ. _____
 DATE 04/04/2004

DRAWN BY OJB
 CHECKED BY JRM
 TRAFFIC SIGNAL PLAN 9

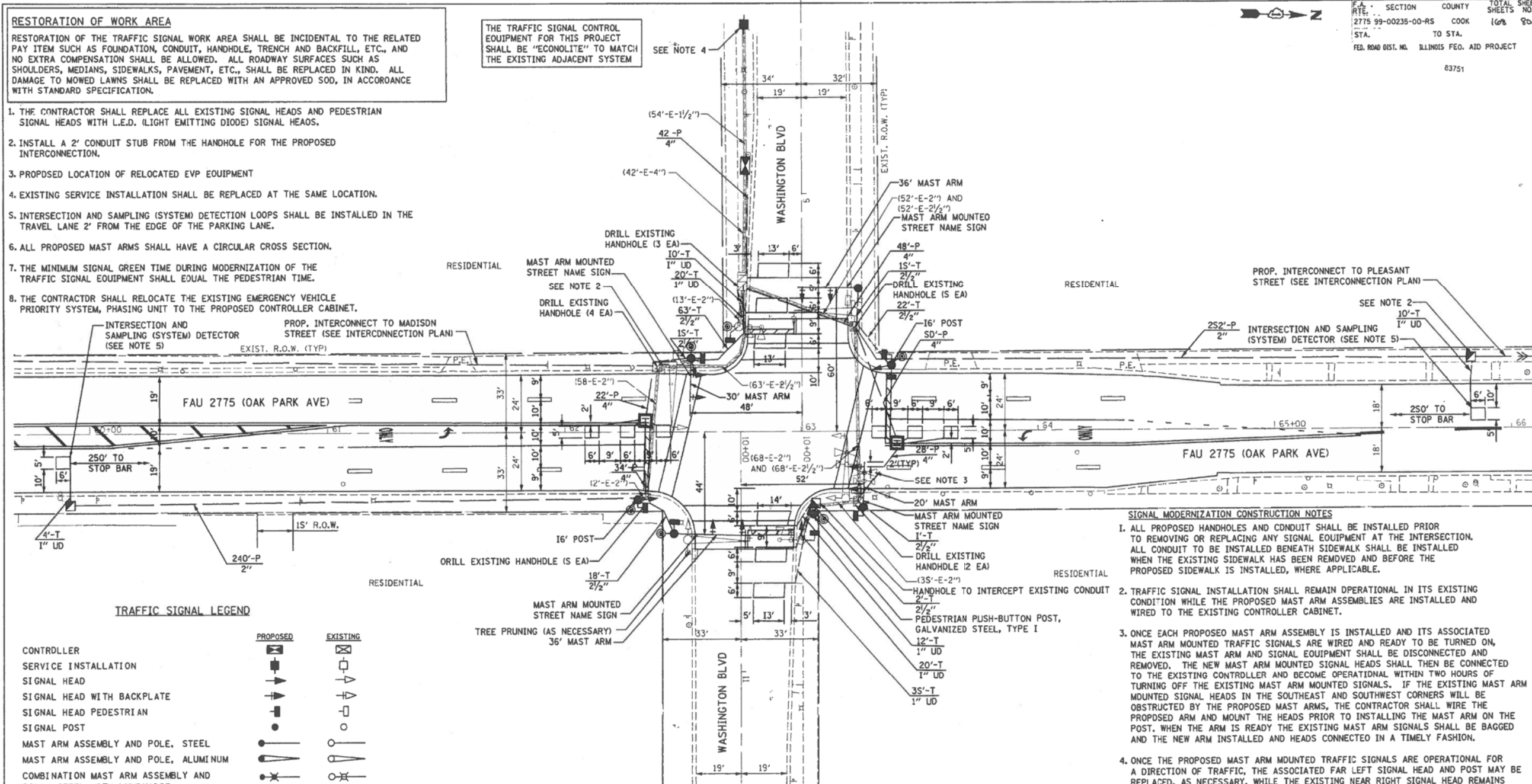
FOR INFORMATION ONLY

RESTORATION OF WORK AREA

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, IN ACCORDANCE WITH STANDARD SPECIFICATION.

1. THE CONTRACTOR SHALL REPLACE ALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS WITH L.E.D. (LIGHT EMITTING DIODE) SIGNAL HEADS.
2. INSTALL A 2' CONDUIT STUB FROM THE HANDHOLE FOR THE PROPOSED INTERCONNECTION.
3. PROPOSED LOCATION OF RELOCATED EVP EQUIPMENT
4. EXISTING SERVICE INSTALLATION SHALL BE REPLACED AT THE SAME LOCATION.
5. INTERSECTION AND SAMPLING (SYSTEM) DETECTION LOOPS SHALL BE INSTALLED IN THE TRAVEL LANE 2' FROM THE EDGE OF THE PARKING LANE.
6. ALL PROPOSED MAST ARMS SHALL HAVE A CIRCULAR CROSS SECTION.
7. THE MINIMUM SIGNAL GREEN TIME DURING MODERNIZATION OF THE TRAFFIC SIGNAL EQUIPMENT SHALL EQUAL THE PEDESTRIAN TIME.
8. THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT TO THE PROPOSED CONTROLLER CABINET.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]
SIGNAL HEAD PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	[Symbol]	[Symbol]
UNIT DUCT	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]
HANDHOLE	[Symbol]	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	[Symbol]
DOUBLE HANDHOLE	[Symbol]	[Symbol]
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
DETECTOR LOOP	[Symbol]	[Symbol]
CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol]
CONDUIT SPLICE	[Symbol]	[Symbol]

SIGNAL MODERNIZATION CONSTRUCTION NOTES

1. ALL PROPOSED HANDHOLES AND CONDUIT SHALL BE INSTALLED PRIOR TO REMOVING OR REPLACING ANY SIGNAL EQUIPMENT AT THE INTERSECTION. ALL CONDUIT TO BE INSTALLED BENEATH SIDEWALK SHALL BE INSTALLED WHEN THE EXISTING SIDEWALK HAS BEEN REMOVED AND BEFORE THE PROPOSED SIDEWALK IS INSTALLED, WHERE APPLICABLE.
2. TRAFFIC SIGNAL INSTALLATION SHALL REMAIN OPERATIONAL IN ITS EXISTING CONDITION WHILE THE PROPOSED MAST ARM ASSEMBLIES ARE INSTALLED AND WIRED TO THE EXISTING CONTROLLER CABINET.
3. ONCE EACH PROPOSED MAST ARM ASSEMBLY IS INSTALLED AND ITS ASSOCIATED MAST ARM MOUNTED TRAFFIC SIGNALS ARE WIRED AND READY TO BE TURNED ON, THE EXISTING MAST ARM AND SIGNAL EQUIPMENT SHALL BE DISCONNECTED AND REMOVED. THE NEW MAST ARM MOUNTED SIGNAL HEADS SHALL THEN BE CONNECTED TO THE EXISTING CONTROLLER AND BECOME OPERATIONAL WITHIN TWO HOURS OF TURNING OFF THE EXISTING MAST ARM MOUNTED SIGNALS. IF THE EXISTING MAST ARM MOUNTED SIGNAL HEADS IN THE SOUTHEAST AND SOUTHWEST CORNERS WILL BE OBSTRUCTED BY THE PROPOSED MAST ARMS, THE CONTRACTOR SHALL WIRE THE PROPOSED ARM AND MOUNT THE HEADS PRIOR TO INSTALLING THE MAST ARM ON THE POST. WHEN THE ARM IS READY THE EXISTING MAST ARM SIGNALS SHALL BE BAGGED AND THE NEW ARM INSTALLED AND HEADS CONNECTED IN A TIMELY FASHION.
4. ONCE THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNALS ARE OPERATIONAL FOR A DIRECTION OF TRAFFIC, THE ASSOCIATED FAR LEFT SIGNAL HEAD AND POST MAY BE REPLACED, AS NECESSARY, WHILE THE EXISTING NEAR RIGHT SIGNAL HEAD REMAINS OPERATIONAL. A MINIMUM OF THREE SIGNAL INDICATIONS SHALL BE OPERATIONAL AT ALL TIMES WITH THE EXCEPTION OF DURING STEP 3.
5. THE EXISTING NEAR RIGHT SIGNAL HEAD MAY BE REMOVED ONCE THREE PROPOSED SIGNAL INDICATIONS ARE AVAILABLE FOR A GIVEN DIRECTION OF TRAVEL.
6. ONCE ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT HAS BEEN INSTALLED, THE PROPOSED TRAFFIC SIGNAL CONTROLLER AND CABINET CAN BE REPLACED ON THE MODIFIED TYPE "D" FOUNDATION ACCORDING TO THE SPECIFICATIONS.

F.A. SECTION COUNTY TOTAL SHEETS NO.	2775 99-00235-00-RS COOK 168 90
STA. TO STA.	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	83751

TIME: 05:43:37 PM

DATE: 04/04/2004

FILE NAME: s:\a\1791-800\181\031\microw\signals\modernization\waftm.dgn

FOR INFORMATION ONLY



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / 1" in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		FAU 2775 DAK PARK AVENUE TRAFFIC SIGNAL MODIFICATION PLAN DAK PARK AVE & WASHINGTON BLVD	
		SCALE: VERT. HORIZ. DATE 04/04/2004	DRAWN BY JBH CHECKED BY JRM
		TRAFFIC SIGNAL PLAN II	

SCALE: N.T.S. SHEET 8 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	120
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

TIME: 02:43:02 PM

DATE: 04/04/2004

FILENAME: s:\gsm\751-800\784\031\internet\cable plans\washoak.dgn

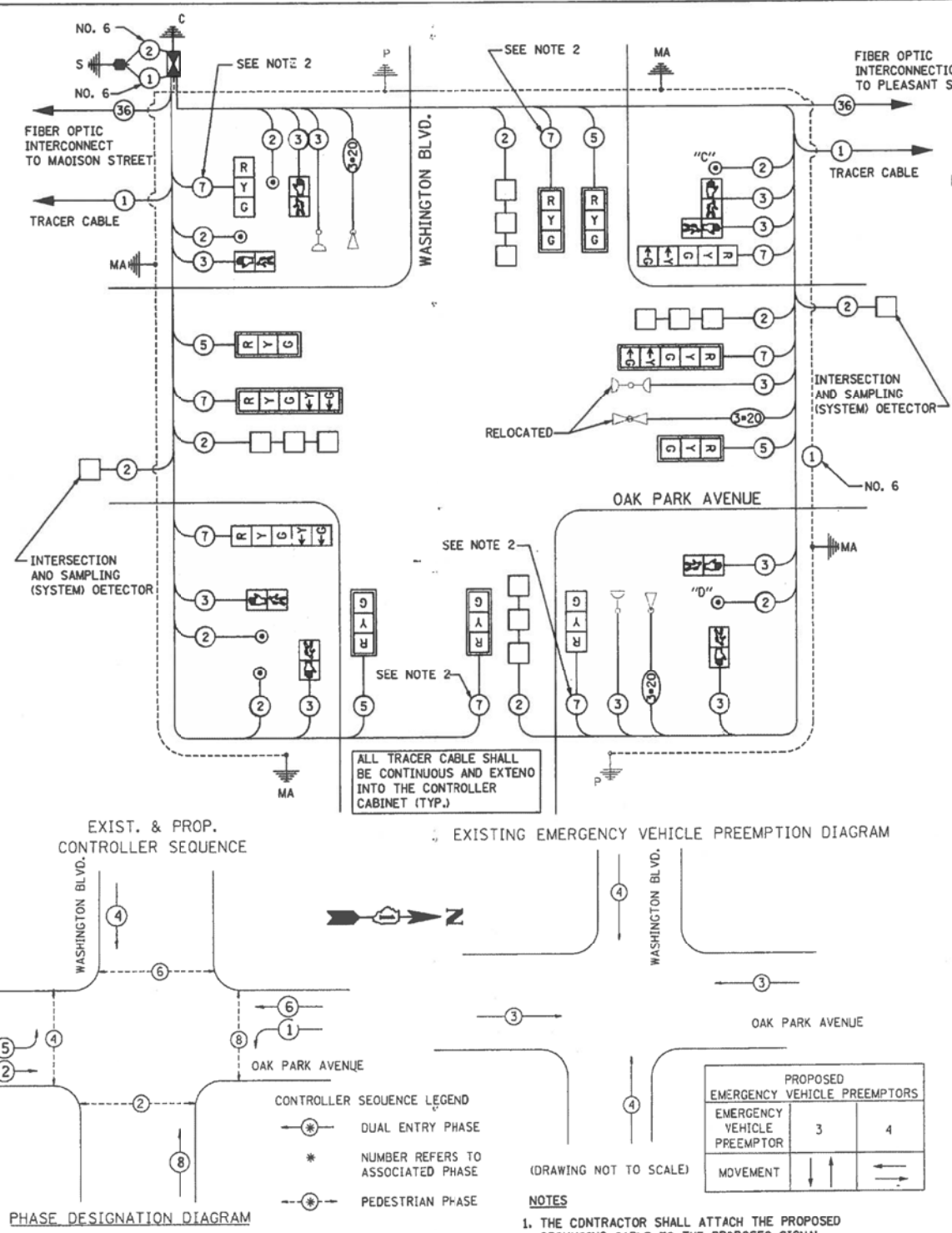
ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	45.0
REMOVE SIGN PANEL	SQ FT	36.0
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	136
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	492
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	224
HANDHOLE	EACH	2
HEAVY-DUTY HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	136
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,100
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,070
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	880
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,700
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,444
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	76
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 20 FT	EACH	6
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	60
DRILL EXISTING HANDHOLE	EACH	19
TRAFFIC SIGNAL BACKPLATE	EACH	2
INDUCTIVE LOOP DETECTOR	EACH	2
DETECTOR LOOP, TYPE I	FOOT	530
PEDESTRIAN PUSH-BUTTON	EACH	6
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	3
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5,752
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	558
MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	6
ELECTRIC CABLE IN CONDUIT NO. 20 3/ C, TWISTED, SHIELDED	FOOT	603
CONCRETE FOUNDATION, TYPE A	FOOT	3
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT	EACH	2
PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	2
MODIFY TRAFFIC SIGNAL POST FOUNDATION	EACH	2

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	WATTAGE		TOTAL WATTAGE
		INCAND.	LED	
SIGNAL (RED)	12	17	0.50	102
(YELLOW)	12	25	0.25	75
(GREEN)	12	15	0.25	45
ARROW	8	12	0.10	9.6
PED. SIGNAL	1	25	1.00	200
CONTROLLER	1	100	1.00	100
ILLUM. SIGN			0.05	0

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'±L-2"
E - M. ARM POLE	2 (1.0)	SIGNAL POST	2 (1.0)		(6m±L-0.6m)
24" (600 mm)	(3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750 mm)	(4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRICAL SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		POST MOUNTED			6 (1.8)

ENERGY COSTS TO:	TOTAL =
VILLAGE OF OAK PARK	532

FOR INFORMATION ONLY



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
(G)	(G)	8" (200mm) TRAFFIC SIGNAL SECTION
(R)	(R)	12" (300mm) TRAFFIC SIGNAL SECTION
(W)	(W)	12" (300mm) PEDESTRIAN SIGNAL SECTION (LETTERS)
(S)	(S)	12" (300mm) PEDESTRIAN SIGNAL SECTION (SYMBOLS)
(C)	(C)	CONTROLLER CABINET
(I)	(I)	SERVICE INSTALLATION
(T)	(T)	TELEPHONE INSTALLATION
(V)	(V)	VEHICLE DETECTOR, INDUCTIVE LOOP
(M)	(M)	MAGNETIC DETECTOR
(E)	(E)	EMERGENCY VEHICLE LIGHT DETECTOR
(B)	(B)	CONFIRMATION BEACON
(P)	(P)	PUSHBUTTON DETECTOR
(2)	(2)	2 DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
(1)	(1)	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
(36)	(36)	FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F
(R Y G)	(R Y G)	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
(H)	(H)	GROUND CABLE ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
(P)	(P)	GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
(S)	(S)	GROUND ROD AT ELECTRIC SERVICE INSTALLATION

CONTROLLER SEQUENCE LEGEND

- (*) DUAL ENTRY PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE
- (*) PEDESTRIAN PHASE

PROPOSED EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	MOVEMENT
3	↑
4	←

- ### NOTES
- THE CONTRACTOR SHALL ATTACH THE PROPOSED GROUNDING CABLE TO THE PROPOSED SIGNAL POST IF NO GROUND ROD EXISTS, PER THE MAST ARM POLE/ POST-GROUNDING DETAIL.
 - THE CONTRACTOR SHALL INSTALL AND CONNECT A NO. 14 SIGNAL CABLE (7 CONDUCTOR) TO THE PROPOSED 3-SECTION SIGNAL HEADS ON WASHINGTON BOULEVARD FOR POSSIBLE FUTURE CONNECTION TO 5-SECTION SIGNAL HEADS. THE NO. 6 AND NO. 7 CONDUCTORS SHALL BE PROPERLY WRAPPED WITH NON-CONDUCTING ELECTRICAL TAPE TO PREVENT ANY DAMAGE TO THE EQUIPMENT.

PUSH-BUTTON NOTES

PUSH-BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
 PUSH-BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8



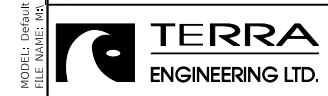
REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAU 2775
 OAK PARK AVENUE
 CABLE PLAN
 OAK PARK AVE & WASHINGTON BLVD

SCALE: VERT. DATE 04/04/2004
 DRAWN BY DJB
 CHECKED BY JRM
 TRAFFIC SIGNAL PLAN 12



USER NAME =	JuanS
DESIGNED -	
DRAWN -	
PLOT SCALE =	2,000' / in.
CHECKED -	
DATE -	10/26/2020

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
 EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-R5	COOK	163	121
CONTRACT NO. 61G68				

SCALE: N.T.S. SHEET 9 OF 17 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775 99-00235-00-RS	COOK	ILLINOIS	164	93
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
83751				

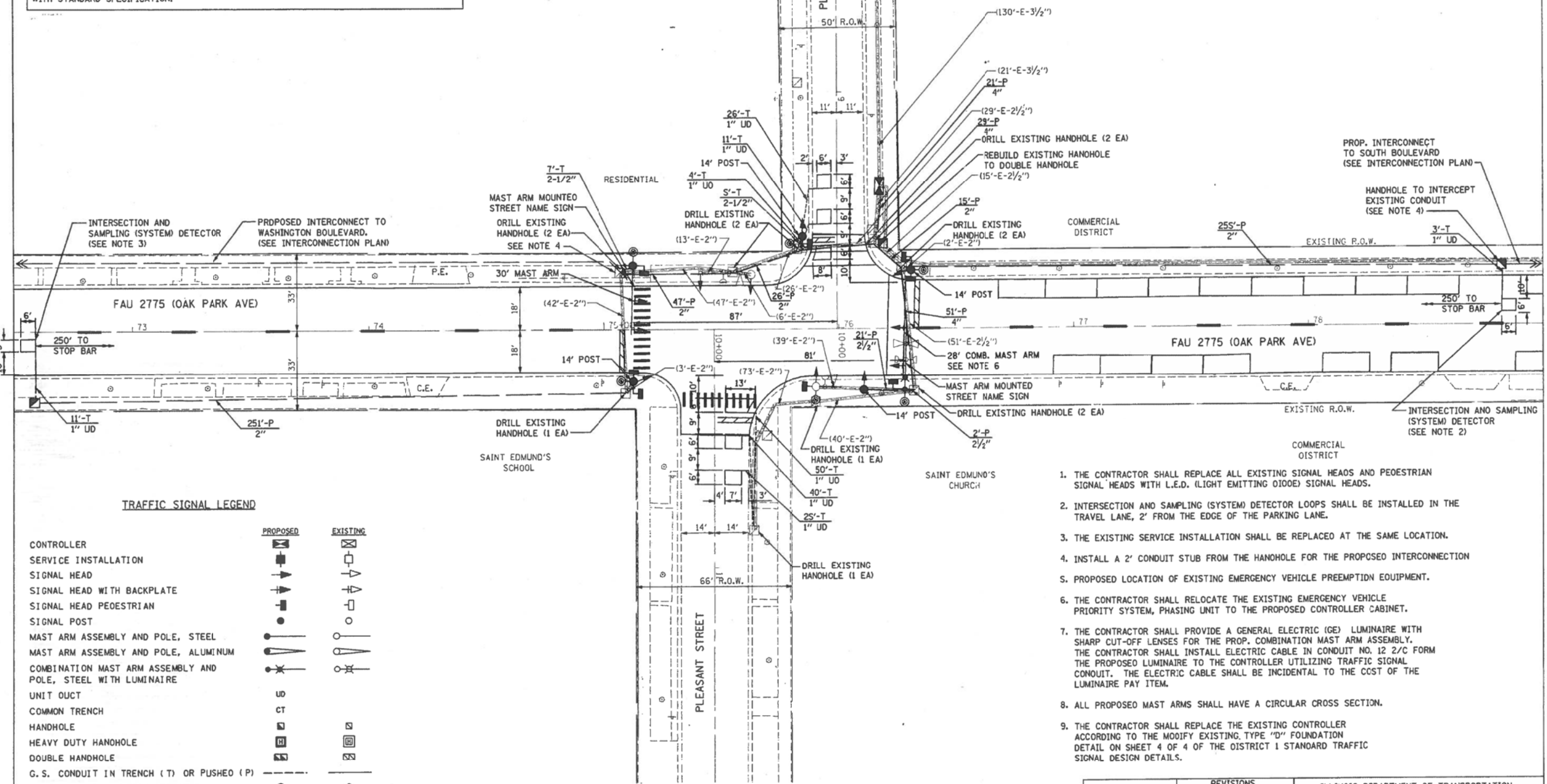
RESTORATION OF WORK AREA
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, IN ACCORDANCE WITH STANDARD SPECIFICATION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

TIME: 02:42:58 PM

DATE: 04/04/2004

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TRAFFIC SIGNAL LEGEND		
	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]
SIGNAL HEAD PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	[Symbol]	[Symbol]
UNIT OUCT	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]
HANDHOLE	[Symbol]	[Symbol]
HEAVY DUTY HANHOLE	[Symbol]	[Symbol]
DOUBLE HANDHOLE	[Symbol]	[Symbol]
G. S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
DETECTOR LOOP	[Symbol]	[Symbol]
CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol]
CONDUIT SPLICE	[Symbol]	[Symbol]

- THE CONTRACTOR SHALL REPLACE ALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS WITH L.E.D. (LIGHT EMITTING DIODE) SIGNAL HEADS.
- INTERSECTION AND SAMPLING (SYSTEM) DETECTOR LOOPS SHALL BE INSTALLED IN THE TRAVEL LANE, 2' FROM THE EDGE OF THE PARKING LANE.
- THE EXISTING SERVICE INSTALLATION SHALL BE REPLACED AT THE SAME LOCATION.
- INSTALL A 2" CONDUIT STUB FROM THE HANHOLE FOR THE PROPOSED INTERCONNECTION
- PROPOSED LOCATION OF EXISTING EMERGENCY VEHICLE PREEMPTION EQUIPMENT.
- THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT TO THE PROPOSED CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GENERAL ELECTRIC (GE) LUMINAIRE WITH SHARP CUT-OFF LENSES FOR THE PROP. COMBINATION MAST ARM ASSEMBLY. THE CONTRACTOR SHALL INSTALL ELECTRIC CABLE IN CONDUIT NO. 12 2/C FORM THE PROPOSED LUMINAIRE TO THE CONTROLLER UTILIZING TRAFFIC SIGNAL CONDUIT. THE ELECTRIC CABLE SHALL BE INCIDENTAL TO THE CCST OF THE LUMINAIRE PAY ITEM.
- ALL PROPOSED MAST ARMS SHALL HAVE A CIRCULAR CROSS SECTION.
- THE CONTRACTOR SHALL REPLACE THE EXISTING CONTROLLER ACCORDING TO THE MODIFY EXISTING, TYPE "D" FOUNDATION DETAIL ON SHEET 4 OF 4 OF THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS.



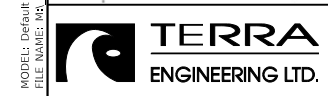
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAU 2775
 OAK PARK AVENUE
 TRAFFIC SIGNAL MODIFICATION PLAN
 OAK PARK AVE & PLEASANT ST

SCALE: VERT. DRAWN BY DJB
 HORIZ. CHECKED BY JRM
 DATE 04/04/2004 TRAFFIC SIGNAL PLAN 14

FOR INFORMATION ONLY



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

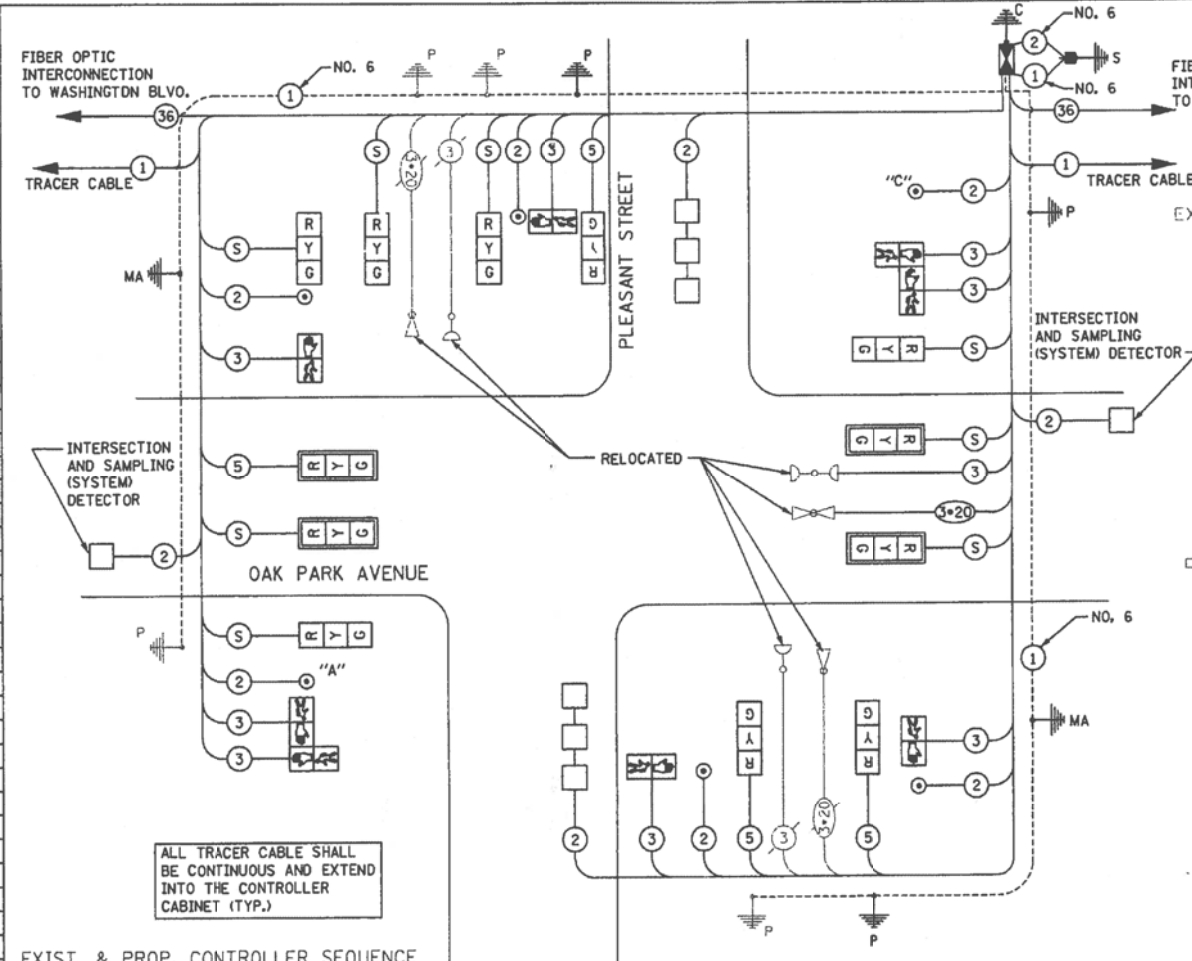
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
 EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY

SCALE: N.T.S. SHEET 10 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	122
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SD FT	43.5
REMOVE SIGN PANEL - TYPE 1	SD FT	34.5
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	12
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	S94
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	23
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	101
HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	12
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	833
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,463
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,870
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,093
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	182
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 3D FT	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	15
DRILL EXISTING HANDHOLE	EACH	13
TRAFFIC SIGNAL BACKPLATE	EACH	4
INDUCTIVE LOOP DETECTOR	EACH	4
DETECTOR LOOP, TYPE I	FOOT	275
PEDESTRIAN PUSH-BUTTON	EACH	6
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,612
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	S25
MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	2
REBUILD EXISTING HANDHOLE TO DOUBLE HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT NO. 20 3/ C, TWISTED, SHIELDED	FOOT	384
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 2B FT.	EACH	1
LUMINAIRE, METAL HALIDE HORIZONTAL MOUNT 250 WATT	EACH	1
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	10
MODIFY TRAFFIC SIGNAL POST FOUNDATION	EACH	2



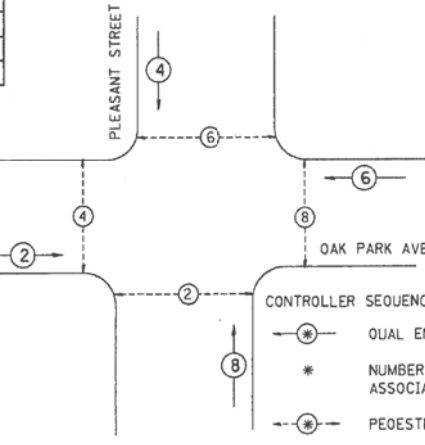
CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
○	○	8" (200mm) TRAFFIC SIGNAL SECTION
○	○	12" (300mm) TRAFFIC SIGNAL SECTION
○	○	12" (300mm) PEDESTRIAN SIGNAL SECTION (LETTERS)
○	○	12" (300mm) PEDESTRIAN SIGNAL SECTION (SYMBOLS)
○	○	CONTROLLER CABINET
○	○	SERVICE INSTALLATION
○	○	TELEPHONE INSTALLATION
○	○	VEHICLE DETECTOR, INDUCTIVE LOOP
○	○	MAGNETIC DETECTOR
○	○	EMERGENCY VEHICLE LIGHT DETECTOR
○	○	CONFIRMATION BEACON
○	○	PUSHBUTTON DETECTOR
○	○	DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
○	○	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
○	○	FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F 5M12F
○	○	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
○	○	GROUND CABLE ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
○	○	GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
○	○	GROUND ROD AT ELECTRIC SERVICE INSTALLATION

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

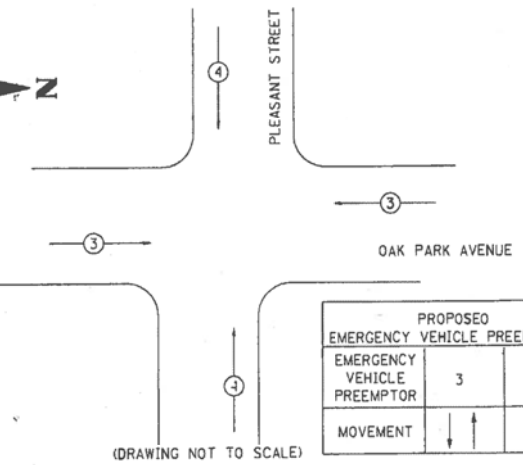
TYPE	NO. LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12	17	0.50	102	
(YELLOW)	12	25	0.25	75	
(GREEN)	12	15	0.25	45	
ARROW		12	0.10	0	
PED. SIGNAL	8	25	1.00	200	
CONTROLLER	1	100	1.00	100	
ILLUM. SIGN			0.05	0	

EXIST. & PROP. CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EXIST. EMERGENCY VEHICLE PREEMPTION DIAGRAM



NOTE
1. THE CONTRACTOR SHALL ATTACH THE PROPOSED GROUNDING CABLE TO THE PROPOSED SIGNAL POST IF NO GROUND ROD EXISTS, PER THE MAST ARM POLE/POST-GROUNDING DETAIL.

PUSH-BUTTON NOTES
PUSH-BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
PUSH-BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8

ENERGY COSTS TO:	TOTAL =
FLASHER	1
FOUNDATION (DEPTH)	FT. (m)
TYPE A - POST	4 (1.2)
D - CONTROLLER	4 (1.2)
E - M. ARM POLE	
24" (600 mm) 10	(3.0)
30" (750 mm) 15	(4.6)
CABLE SLACK	FT. (m)
HANDHOLE	6.5 (2.0)
DOUBLE HANDHOLE	13 (4.0)
SIGNAL POST	2 (1.0)
CONTROLLER CAB.	1 (0.5)
FIBER OPTIC	13 (4.0)
ELECTRIC SERVICE	1 (0.5)
SERVICE TO GROUND	1 (0.5)
GROUND CABLE	
POST MOUNTED	6 (1.8)

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'±L-2"
E - M. ARM POLE		SIGNAL POST	2 (1.0)		(6m±L-0.6m)
24" (600 mm) 10	(3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750 mm) 15	(4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRICAL SERVICE	13.5 (4.1)
		SERVICE TO GROUND	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE		POST MOUNTED	6 (1.8)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	

FAU 2775
OAK PARK AVENUE
CABLE PLAN
OAK PARK AVE & PLEASANT ST

SCALE: VERT. DATE 04/04/2004
DRAWN BY OJB
CHECKED BY JRM
TRAFFIC SIGNAL PLAN 15

FOR INFORMATION ONLY

USER NAME = Juans
DESIGNED -
DRAWN -
PLOT SCALE = 2,000' / in.
CHECKED -
DATE -
PLOT DATE = 10/26/2020

DESIGNED -
DRAWN -
CHECKED -
DATE -
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY

SCALE: N.T.S. SHEET 11 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	123
				CONTRACT NO.61G68
				ILLINOIS FED. AID PROJECT

MODEL: Default FILE NAME: 20191019-263 Oak Park Ave Corridor Utility and Streetscape Design TransportationCAD/CADD Sheets19-263-OakParkAve-Sub-Ex-Int_Signal_11.dgn

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775 99-00235-00-RS	COOK	ILLINOIS	168	92
STA.	TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RESTORATION OF WORK AREA

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDBOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDER, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOO, IN ACCORDANCE WITH STANDARD SPECIFICATION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

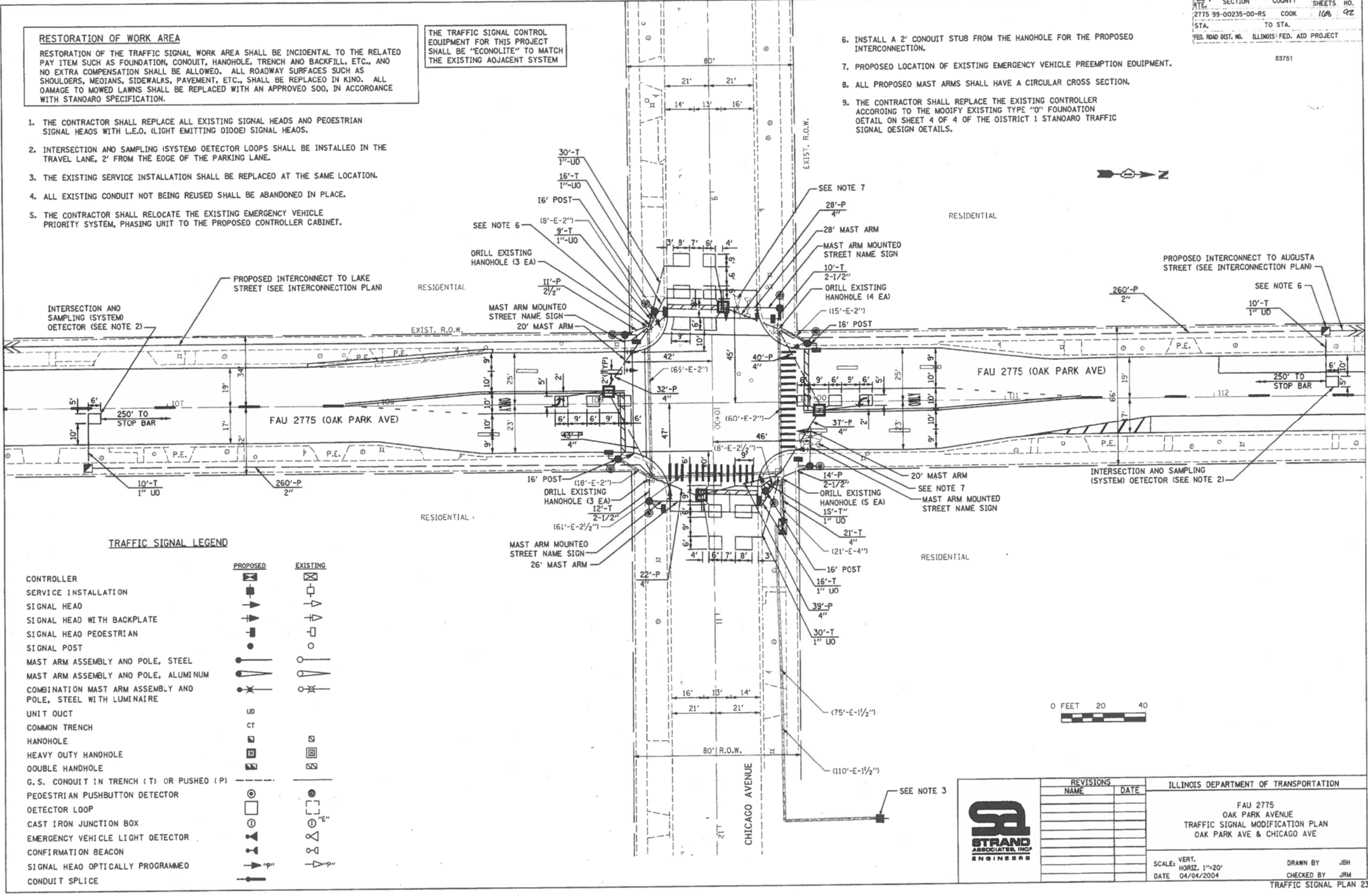
1. THE CONTRACTOR SHALL REPLACE ALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS WITH L.E.O. (LIGHT EMITTING DIODE) SIGNAL HEADS.
2. INTERSECTION AND SAMPLING (SYSTEM) DETECTOR LOOPS SHALL BE INSTALLED IN THE TRAVEL LANE, 2' FROM THE EDGE OF THE PARKING LANE.
3. THE EXISTING SERVICE INSTALLATION SHALL BE REPLACED AT THE SAME LOCATION.
4. ALL EXISTING CONDUIT NOT BEING REUSED SHALL BE ABANDONED IN PLACE.
5. THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT TO THE PROPOSED CONTROLLER CABINET.

6. INSTALL A 2' CONDUIT STUB FROM THE HANDBOLE FOR THE PROPOSED INTERCONNECTION.
7. PROPOSED LOCATION OF EXISTING EMERGENCY VEHICLE PREEMPTION EQUIPMENT.
8. ALL PROPOSED MAST ARMS SHALL HAVE A CIRCULAR CROSS SECTION.
9. THE CONTRACTOR SHALL REPLACE THE EXISTING CONTROLLER ACCORDING TO THE MODIFY EXISTING TYPE "0" FOUNDATION DETAIL ON SHEET 4 OF 4 OF THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS.

TIME: 02:42:21 PM

DATE: 04/04/2004

FILENAME: s:\@sml\275-000\784\331\internet\signals\standardization\chicago.dgn



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]
SIGNAL HEAD PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	[Symbol]	[Symbol]
UNIT OUCT	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]
HANDBOLE	[Symbol]	[Symbol]
HEAVY OUYT HANDBOLE	[Symbol]	[Symbol]
DOUBLE HANDBOLE	[Symbol]	[Symbol]
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
DETECTOR LOOP	[Symbol]	[Symbol]
CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol]
CONDUIT SPLICE	[Symbol]	[Symbol]



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

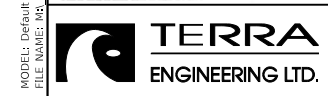
FAU 2775
OAK PARK AVENUE
TRAFFIC SIGNAL MODIFICATION PLAN
OAK PARK AVE & CHICAGO AVE

SCALE: VERT. 1"=20'
HORIZ. 1"=20'
DATE 04/04/2004

DRAWN BY JBH
CHECKED BY JRM

TRAFFIC SIGNAL PLAN 23

FOR INFORMATION ONLY



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY

SCALE: N.T.S. SHEET 12 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	124
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

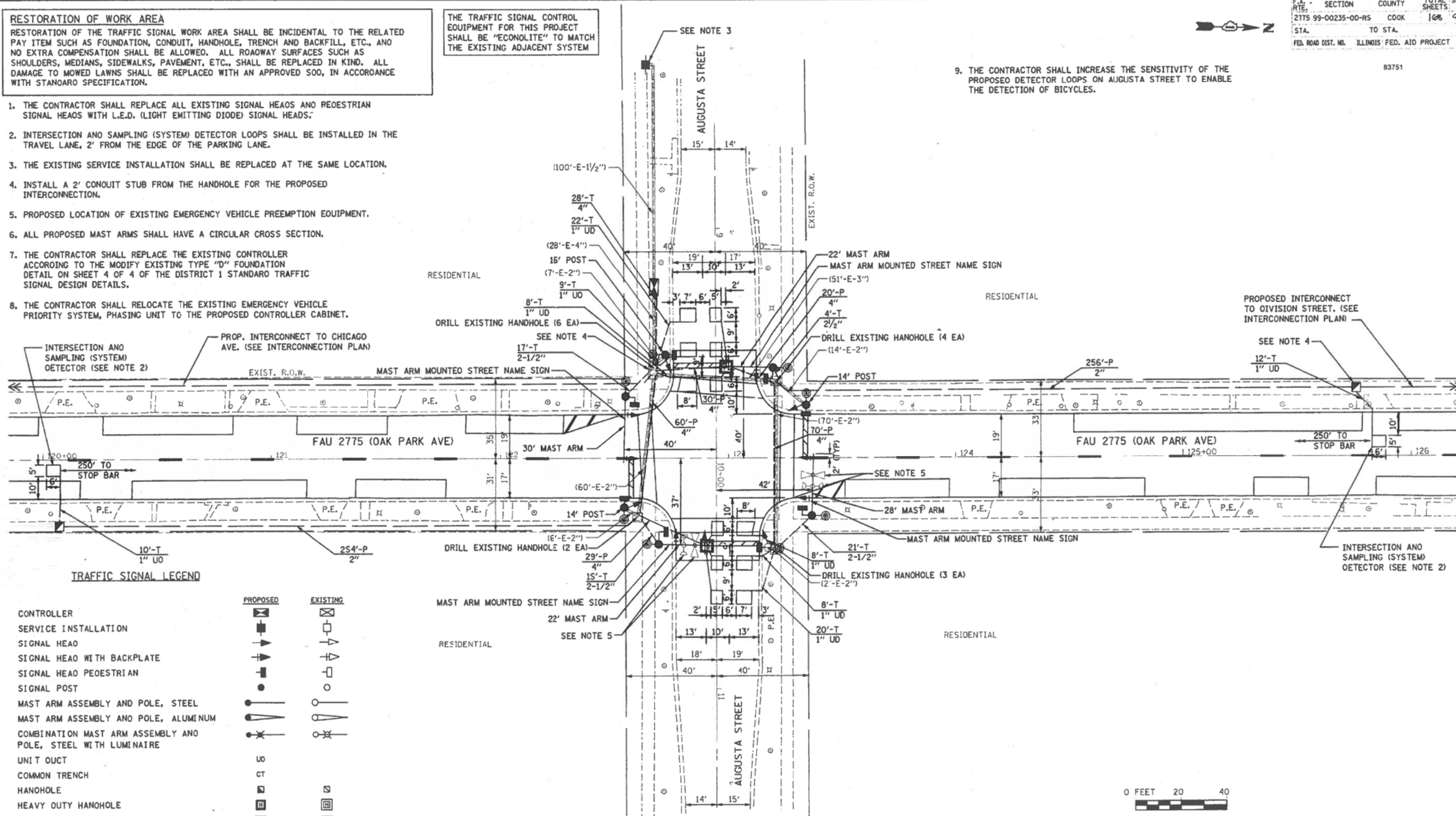
RESTORATION OF WORK AREA

RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOO, IN ACCORDANCE WITH STANOARO SPECIFICATION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

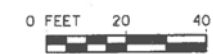
1. THE CONTRACTOR SHALL REPLACE ALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS WITH L.E.D. (LIGHT EMITTING DIODE) SIGNAL HEADS.
2. INTERSECTION AND SAMPLING (SYSTEM) DETECTOR LOOPS SHALL BE INSTALLED IN THE TRAVEL LANE, 2' FROM THE EDGE OF THE PARKING LANE.
3. THE EXISTING SERVICE INSTALLATION SHALL BE REPLACED AT THE SAME LOCATION.
4. INSTALL A 2' CONDUIT STUB FROM THE HANDHOLE FOR THE PROPOSED INTERCONNECTION.
5. PROPOSED LOCATION OF EXISTING EMERGENCY VEHICLE PREEMPTION EQUIPMENT.
6. ALL PROPOSED MAST ARMS SHALL HAVE A CIRCULAR CROSS SECTION.
7. THE CONTRACTOR SHALL REPLACE THE EXISTING CONTROLLER ACCORDING TO THE MODIFY EXISTING TYPE "D" FOUNDATION DETAIL ON SHEET 4 OF 4 OF THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS.
8. THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT TO THE PROPOSED CONTROLLER CABINET.

9. THE CONTRACTOR SHALL INCREASE THE SENSITIVITY OF THE PROPOSED DETECTOR LOOPS ON AUGUSTA STREET TO ENABLE THE DETECTION OF BICYCLES.



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER	☒	☒
SERVICE INSTALLATION	☒	☒
SIGNAL HEAD	☒	☒
SIGNAL HEAD WITH BACKPLATE	☒	☒
SIGNAL HEAD PEDESTRIAN	☒	☒
SIGNAL POST	●	○
MAST ARM ASSEMBLY AND POLE, STEEL	●	○
MAST ARM ASSEMBLY AND POLE, ALUMINUM	●	○
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	●	○
UNIT OUCT	US	
COMMON TRENCH	CT	
HANDHOLE	☒	☒
HEAVY OUTY HANDHOLE	☒	☒
DOUBLE HANDHOLE	☒	☒
G. S. CONDUIT IN TRENCH (T) OR PUSHEO (P)	—	
PEDESTRIAN PUSHBUTTON DETECTOR	☒	☒
DETECTOR LOOP	☒	☒
CAST IRON JUNCTION BOX	☒	☒
EMERGENCY VEHICLE LIGHT DETECTOR	☒	☒
CONFIRMATION BEACON	☒	☒
SIGNAL HEAD OPTICALLY PROGRAMMED	☒	☒
CONDUIT SPLICE	☒	☒



ILLINOIS DEPARTMENT OF TRANSPORTATION

FAU 2775 OAK PARK AVENUE TRAFFIC SIGNAL MODIFICATION PLAN OAK PARK AVE & AUGUSTA ST

SCALE: VERT. HORIZ. DATE 04/04/2004

DRAWN BY JBH CHECKED BY JRM

TRAFFIC SIGNAL PLAN 26

REVISIONS TABLE

REVISIONS	NAME	DATE

TIME: 02:42:12 PM

DATE: 04/04/2004

MODEL Default: 2018\19-263 Oak Park Ave Corridor - Utility and Streetscape\Design\Transportation\CADD\CADD Sheets\19-263-OakParkAve_cbt_En_Signal_14.dgn

FOR INFORMATION ONLY



USER NAME	DESIGNED	REVISED
JuanS	-	-
	DRAWN	REVISED
	CHECKED	REVISED
	DATE	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
 EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY

SCALE: N.T.S. SHEET 14 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	126

CONTRACT NO.61G68

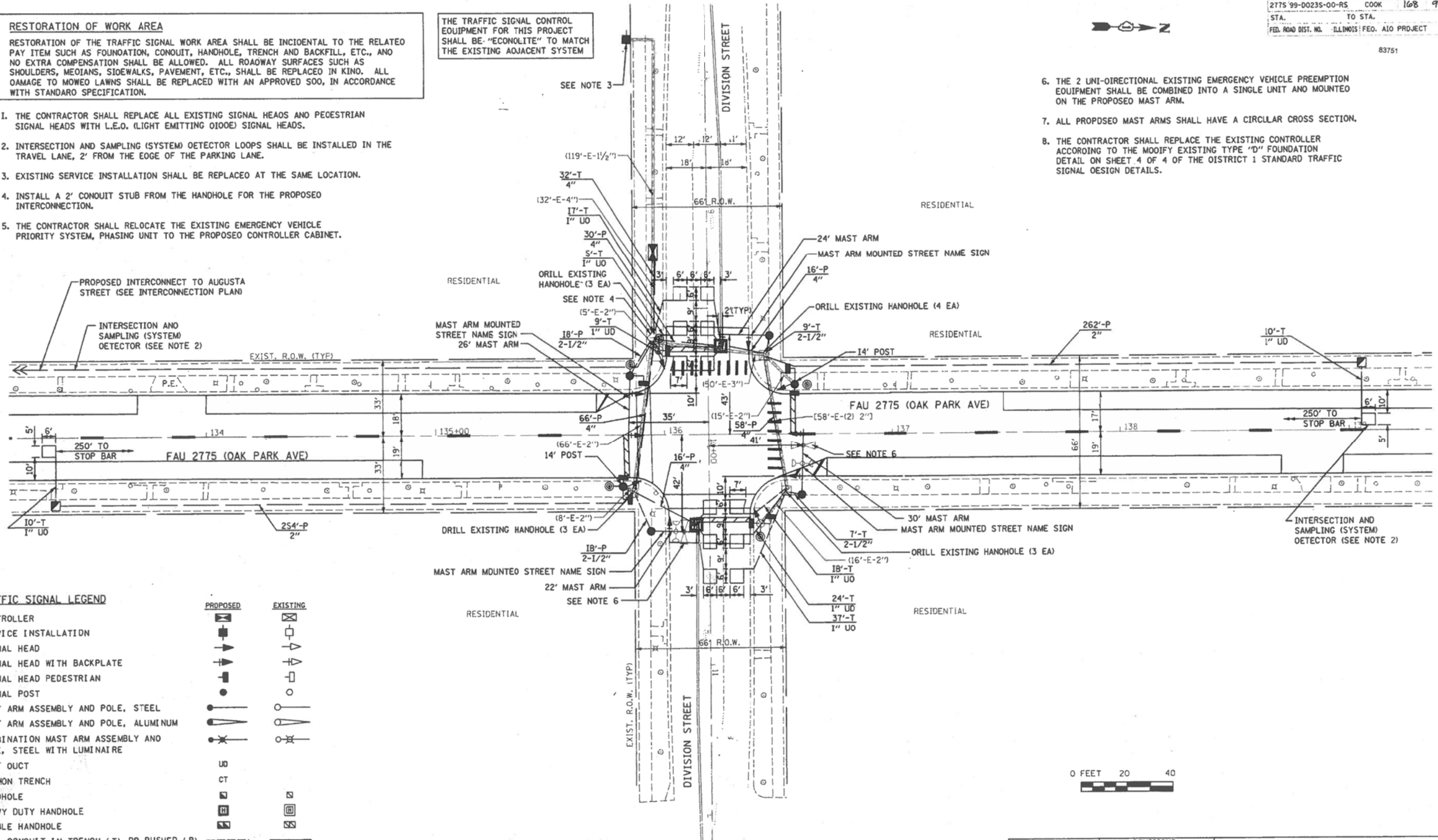
ILLINOIS FED. AID PROJECT

RESTORATION OF WORK AREA
 RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC., SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOO, IN ACCORDANCE WITH STANDARD SPECIFICATION.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM

1. THE CONTRACTOR SHALL REPLACE ALL EXISTING SIGNAL HEADS AND PEDESTRIAN SIGNAL HEADS WITH L.E.O. (LIGHT EMITTING DIODE) SIGNAL HEADS.
2. INTERSECTION AND SAMPLING (SYSTEM) DETECTOR LOOPS SHALL BE INSTALLED IN THE TRAVEL LANE, 2' FROM THE EDGE OF THE PARKING LANE.
3. EXISTING SERVICE INSTALLATION SHALL BE REPLACED AT THE SAME LOCATION.
4. INSTALL A 2" CONDUIT STUB FROM THE HANDHOLE FOR THE PROPOSED INTERCONNECTION.
5. THE CONTRACTOR SHALL RELOCATE THE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT TO THE PROPOSED CONTROLLER CABINET.

6. THE 2 UNI-DIRECTIONAL EXISTING EMERGENCY VEHICLE PREEMPTION EQUIPMENT SHALL BE COMBINED INTO A SINGLE UNIT AND MOUNTED ON THE PROPOSED MAST ARM.
7. ALL PROPOSED MAST ARMS SHALL HAVE A CIRCULAR CROSS SECTION.
8. THE CONTRACTOR SHALL REPLACE THE EXISTING CONTROLLER ACCORDING TO THE MODIFY EXISTING TYPE "D" FOUNDATION DETAIL ON SHEET 4 OF 4 OF THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS.



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]
SIGNAL HEAD PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM	[Symbol]	[Symbol]
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	[Symbol]	[Symbol]
UNIT DUCT	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]
HANDHOLE	[Symbol]	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	[Symbol]
DOUBLE HANDHOLE	[Symbol]	[Symbol]
G. S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	[Symbol]
PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
DETECTOR LOOP	[Symbol]	[Symbol]
CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol]
CONDUIT SPLICE	[Symbol]	[Symbol]



	REVISIONS	ILLINOIS DEPARTMENT OF TRANSPORTATION
	NAME DATE	FAU 2775 OAK PARK AVENUE TRAFFIC SIGNAL MODIFICATION PLAN OAK PARK AVE & DIVISION ST
		SCALE: VERT. DATE 04/04/2004
		DRAWN BY JBH CHECKED BY JRM
		TRAFFIC SIGNAL PLAN 29

FOR INFORMATION ONLY

MODEL: Default
 FILE NAME: 20191919-263 Oak Park Ave Corridor (Utility and Streetscape) Design Transportation\CADD\CADD Sheets\19-263-OakParkAve-ct-Ex-Int_Signal_16.dgn
 FILE NAME: x:\aak\731-888\7841\431\microw\signal\modification\plan.dgn



USER NAME = Juans	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / 1" =	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
 EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY
 SCALE: N.T.S. SHEET 16 OF 17 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	128
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

TIME: 02:41:58 PM
DATE: 04/04/2004
FILENAME: s:\paw\781-100\784\131\mtrna\cable_plan\trf131.dgn

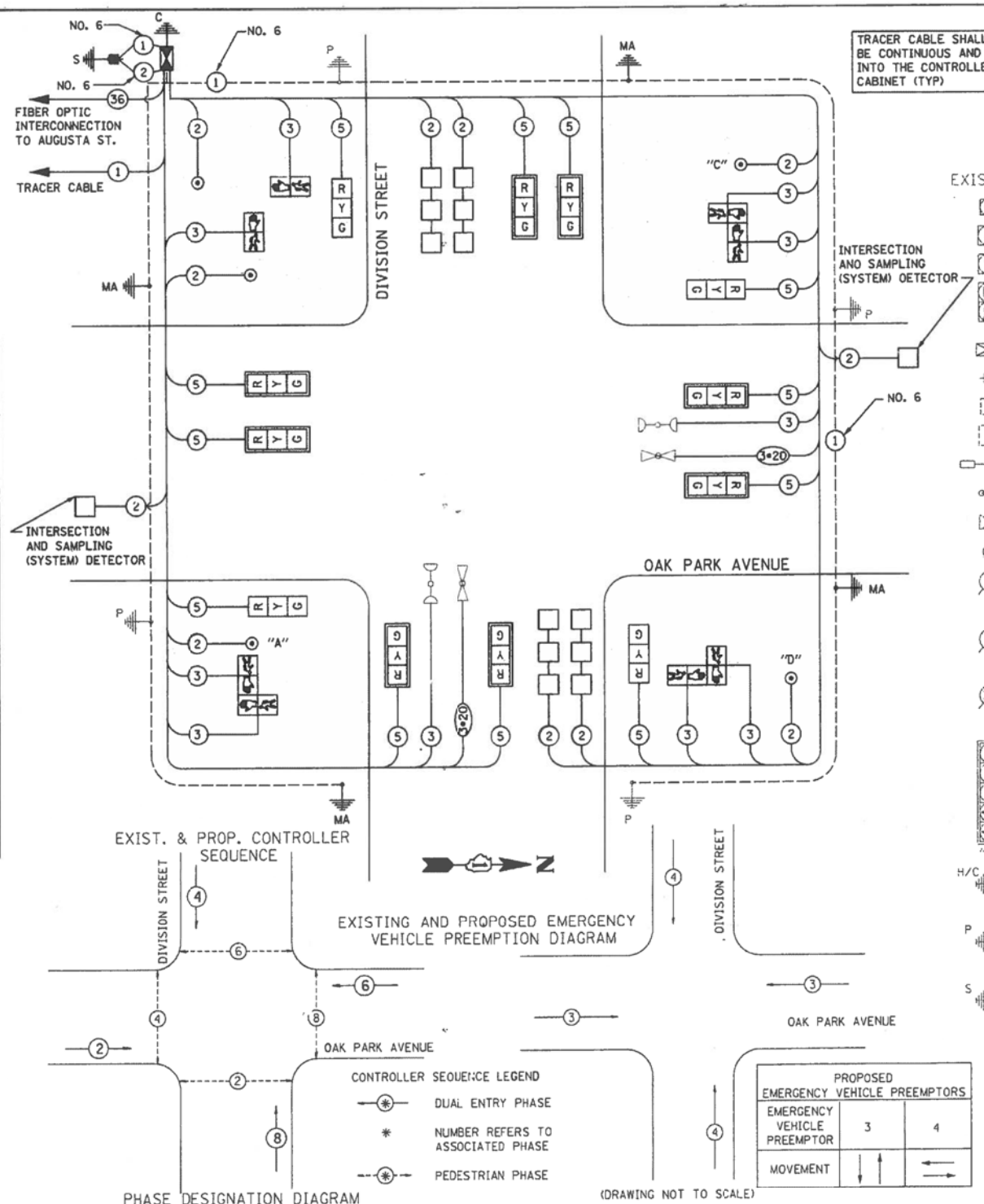
ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SO FT	19.5
REMOVE SIGN PANEL - TYPE 1	SO FT	16.5
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	16
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	516
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	36
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	218
HANDHOLE	EACH	2
HEAVY-DUTY HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	13
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
FULL- ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	585
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,909
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,871
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1,195
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	141
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT	EACH	8
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT	EACH	1
CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	60
DRILL EXISTING HANDHOLE	EACH	13
TRAFFIC SIGNAL BACKPLATE	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE 1	FOOT	460
PEDESTRIAN PUSH-BUTTON	EACH	4
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2
RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	3,479
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	4
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	527
MODIFY EXISTING TYPE "D" FOUNDATION	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	8
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	8
ELECTRIC CABLE IN CONDUIT NO. 20 3/ C, TWISTED, SHIELDED	FOOT	399
GROUNDING EXISTING HANDHOLE FRAME AND COVER	EACH	4
MODIFY TRAFFIC SIGNAL POST FOUNDATION	EACH	2

TYPE	NO. LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	100
(YELLOW)	12		25	0.25	45
(GREEN)	12		15	0.25	45
ARROW			12	0.10	0
PED. SIGNAL	8		25	1.00	200
CONTROLLER	1		100	1.00	100
ILLUM. SIGN				0.05	0

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2'
E - M. ARM POLE		SIGNAL POST	2 (1.0)		(6m+L-0.6m)
		24" (600 mm) FIBER OPTIC	1 (0.5)	BRACKET MOUNTED	13 (4.0)
		30" (750 mm) FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRICAL SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

ENERGY COSTS TO: VILLAGE OF OAK PARK
TOTAL = 522

ENERGY SUPPLY CONTACT: _____
PHONE: _____
COMPANY: Commonweath Edison



CABLE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
(C)	(G)	8" (200mm) TRAFFIC SIGNAL SECTION
(R)	(R)	12" (300mm) TRAFFIC SIGNAL SECTION
(W)	(W)	12" (300mm) PEDESTRIAN SIGNAL SECTION (LETTERS)
(S)	(S)	12" (300mm) PEDESTRIAN SIGNAL SECTION (SYMBOLS)
(CAB)	(CAB)	CONTROLLER CABINET
(S+I)	(S+I)	SERVICE INSTALLATION
(T)	(T)	TELEPHONE INSTALLATION
(V)	(V)	VEHICLE DETECTOR, INDUCTIVE LOOP
(M)	(M)	MAGNETIC DETECTOR
(E)	(E)	EMERGENCY VEHICLE LIGHT DETECTOR
(C/B)	(C/B)	CONFIRMATION BEACON
(P/B)	(P/B)	PUSHBUTTON DETECTOR
(O)	(O)	OENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
(G)	(G)	GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
(F)	(F)	FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F SM12F
(R/Y/G)	(R/Y/G)	SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD.
(H)	(H)	GROUND CABLE ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C)
(P)	(P)	GROUND ROD AT POST (P) OR MAST ARM POLE (MA)
(S)	(S)	GROUND ROD AT ELECTRIC SERVICE INSTALLATION

NOTE
1. THE CONTRACTOR SHALL ATTACH THE PROPOSED GROUNDING CABLE TO THE PROPOSED SIGNAL POST IF NO GROUND ROD EXISTS, PER THE MAST ARM POLE/ POST-GROUNDING DETAIL.

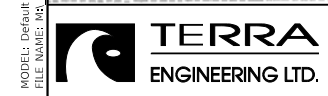
PUSH-BUTTON NOTES

PUSH-BUTTON "A"	SHALL PLACE A CALL IN PHASES 2 AND 4
PUSH-BUTTON "C"	SHALL PLACE A CALL IN PHASES 6 AND 8
PUSH-BUTTON "D"	SHALL PLACE A CALL IN PHASES 2 AND 8



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		FAU 2775 OAK PARK AVENUE CABLE PLAN OAK PARK AVE & DIVISION ST.	
		SCALE: VERT. _____	DRAWN BY: DJB
		HORIZ. _____	CHECKED BY: JRM
		DATE: 04/04/2004	TRAFFIC SIGNAL PLAN 30

FOR INFORMATION ONLY



USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 2,000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
EXISTING INTERSECTION SIGNAL PLANS FOR INFORMATION ONLY
SCALE: N.T.S. SHEET 17 OF 17 SHEETS STA. TO STA.

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 129
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER, OF THE TYPE SPECIFIED.)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER, OF THE TYPE SPECIFIED.)

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 COMBINATION CONCRETE CURB AND GUTTER, OF THE TYPE SPECIFIED.

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 AND GUTTER REMOVAL (SPECIAL), OR CONCRETE CURB AND GUTTER OF THE TYPE SPECIFIED.

* 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.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ 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.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF CURB AND GUTTER REMOVAL (SPECIAL)

⑦ 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.

⑧ 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.

CURB OR CURB AND GUTTER REMOVAL (SPECIAL) AND CONCRETE CURB AND GUTTER

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

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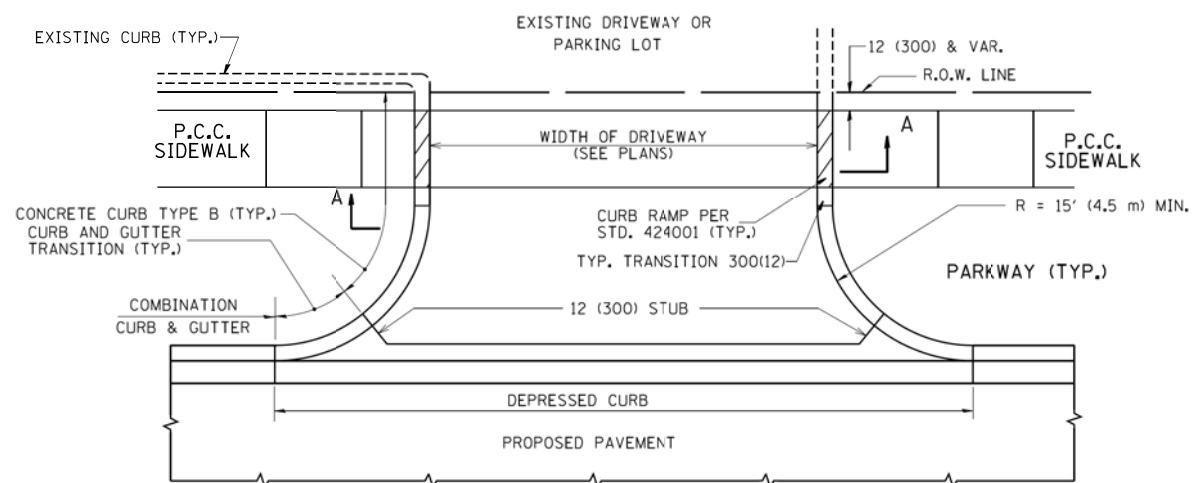
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		CHECKED -	REVISED - M. GOMEZ 01-22-01
		DATE - 03-11-94	REVISED - R. BORO 12-15-09

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

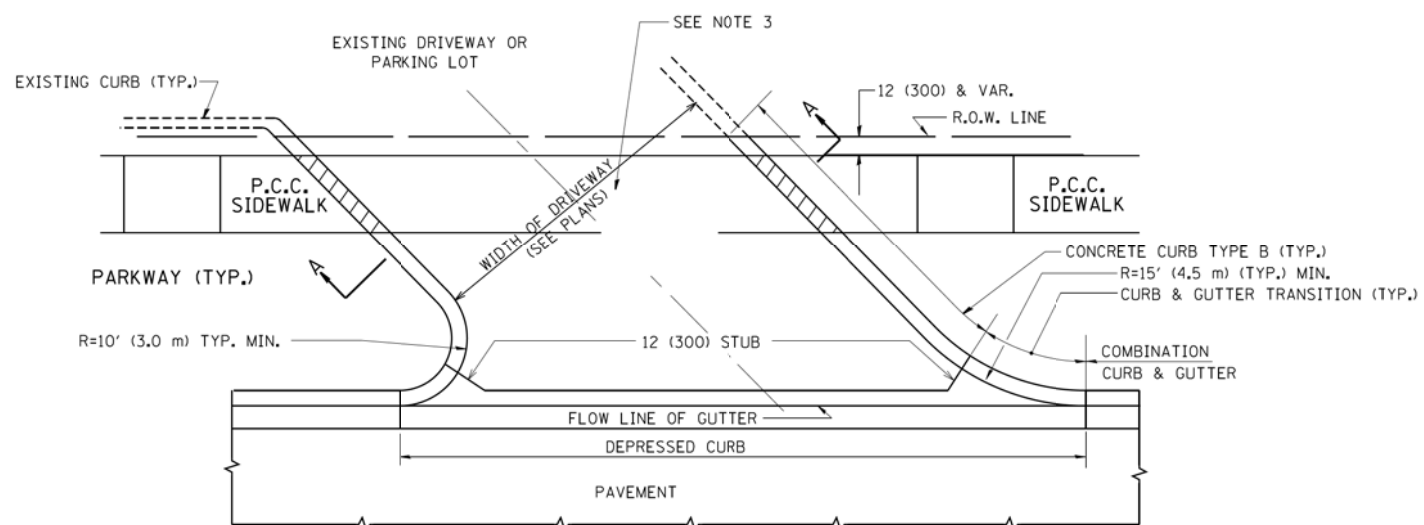
**CURB OR CURB AND GUTTER REMOVAL (SPECIAL)
AND CONCRETE CURB AND GUTTER**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G68	

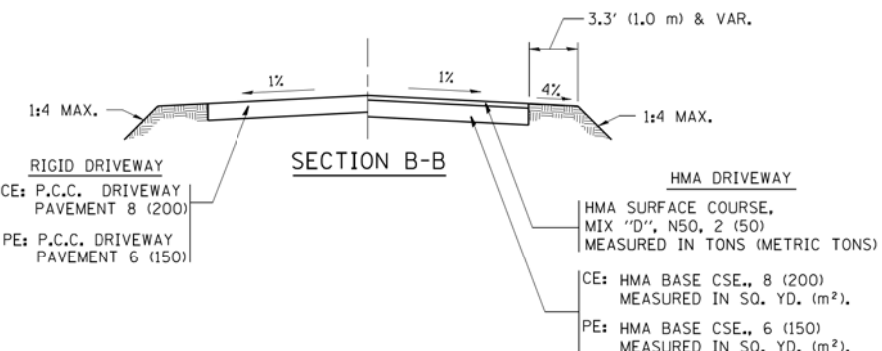
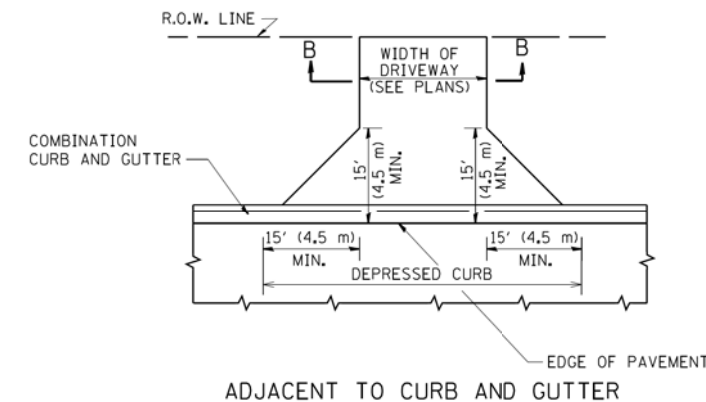
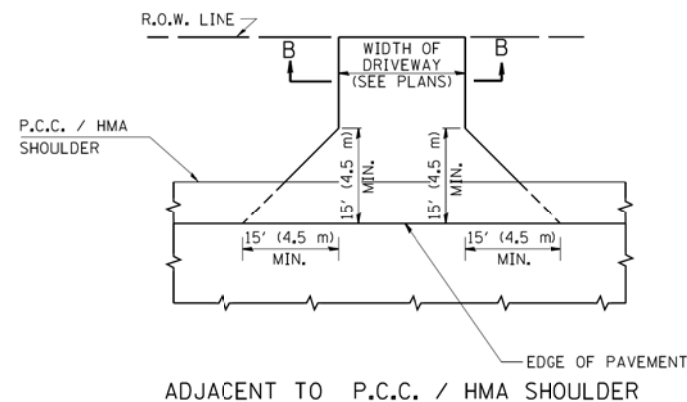
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX 'D', N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

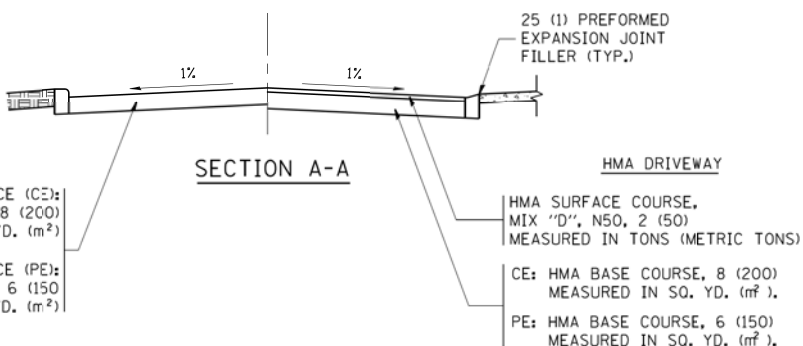
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



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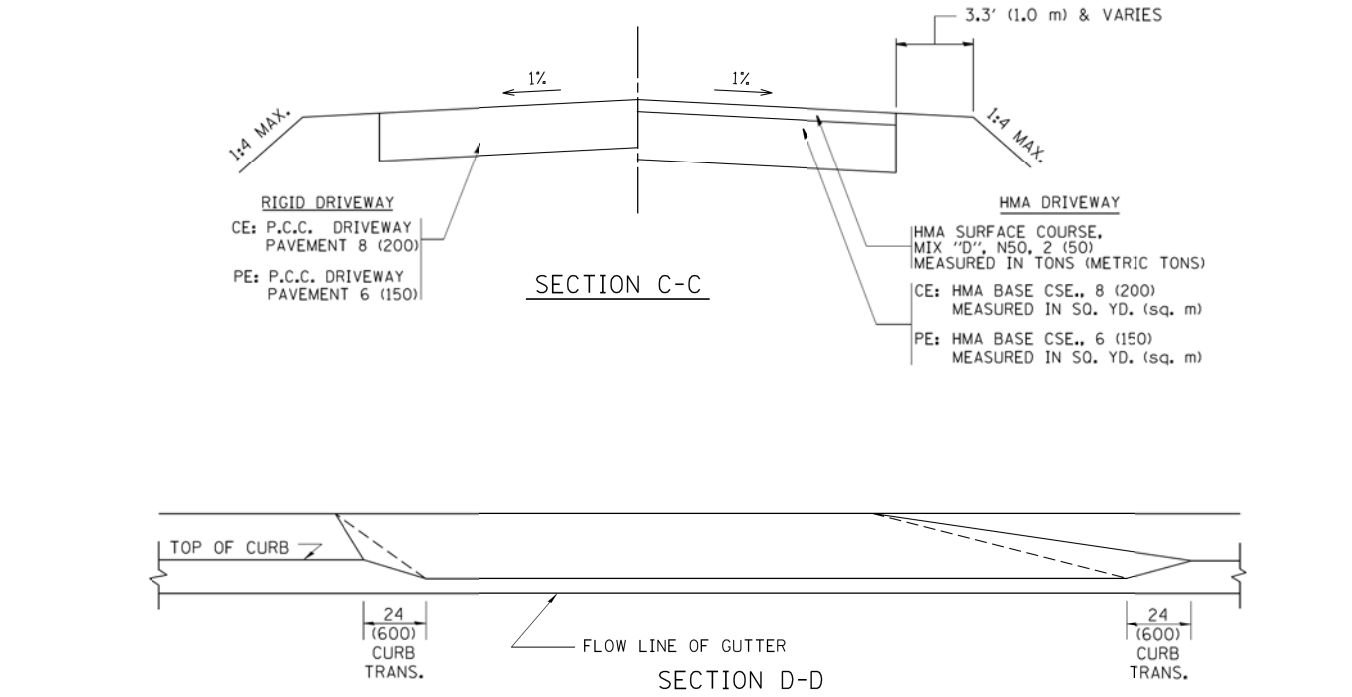
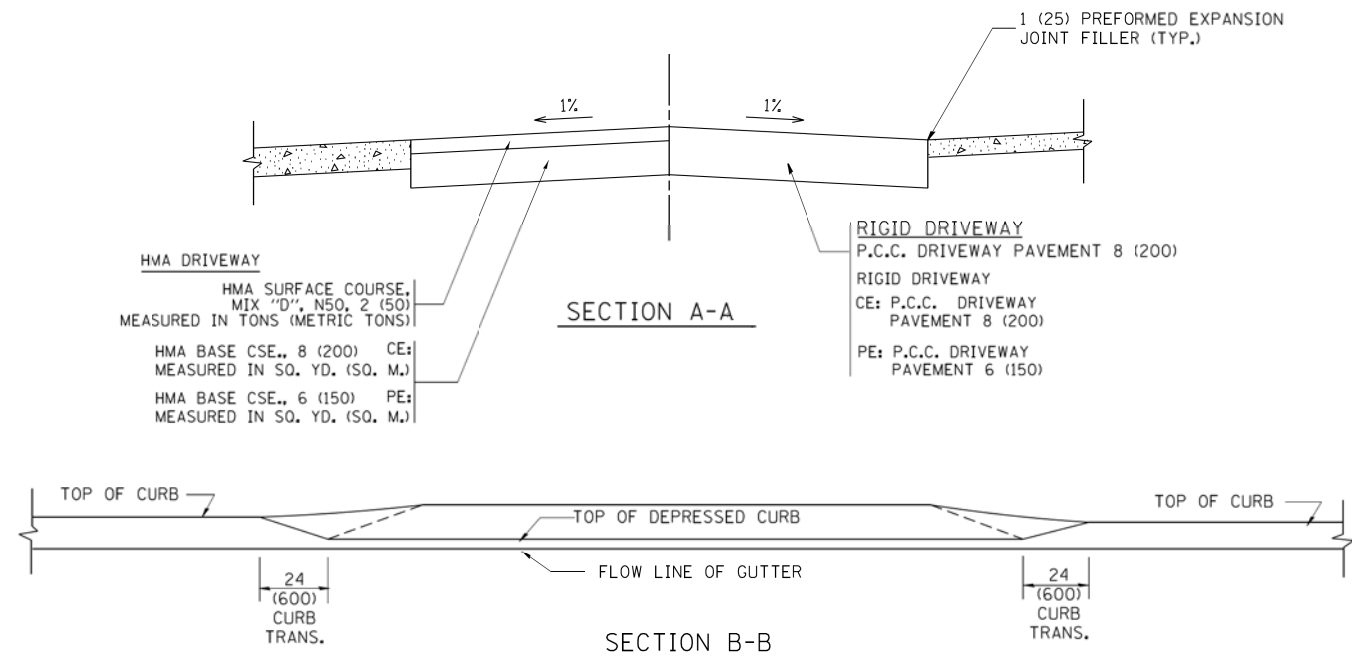
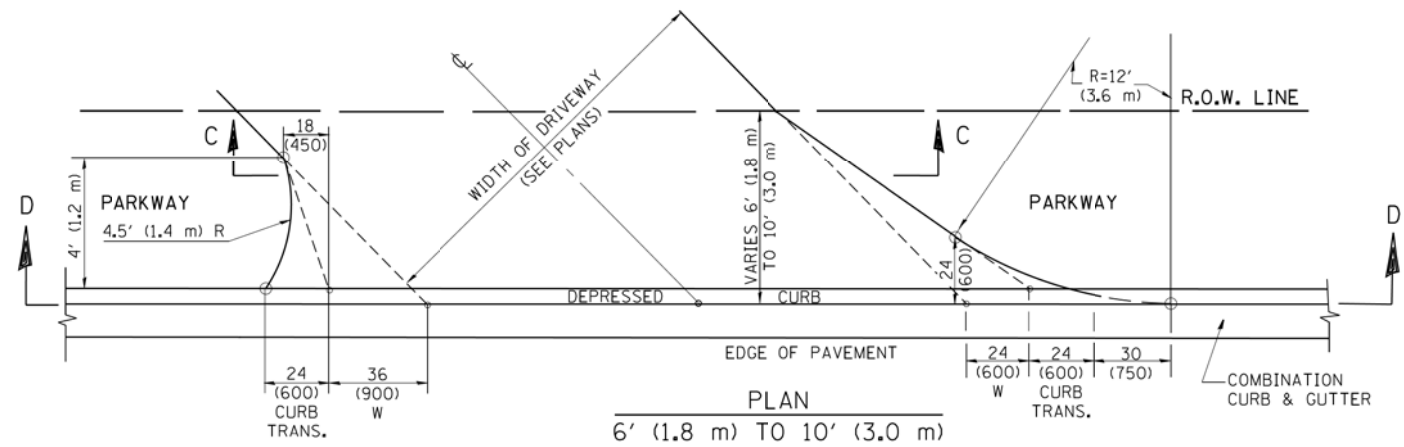
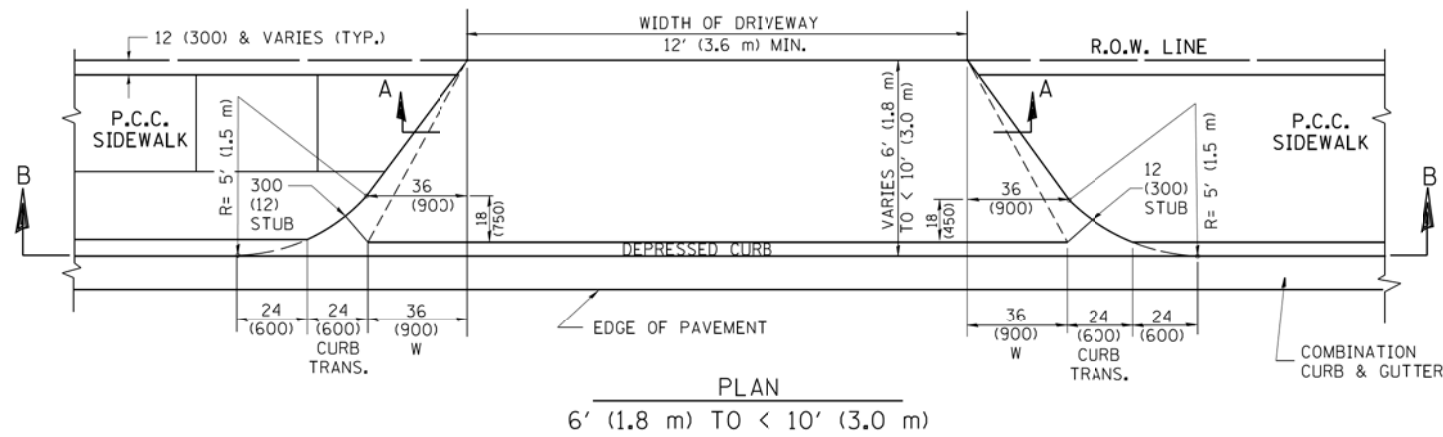
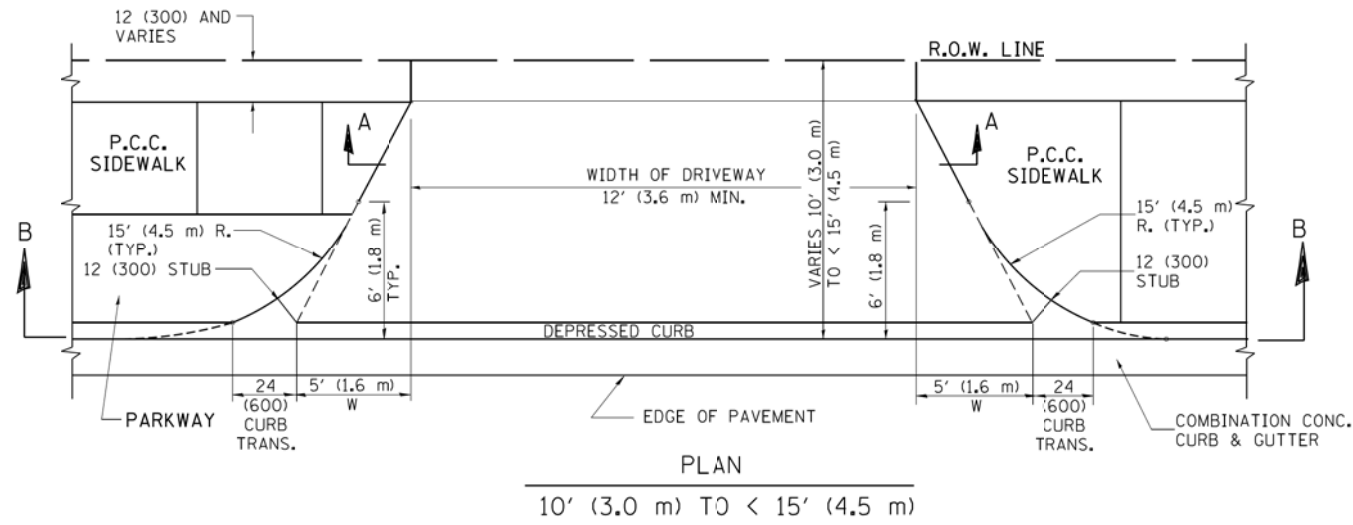
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		CHECKED -	REVISED - R. BORO 06-11-08
		DATE - 11-04-95	REVISED - R. BORO 09-06-11
PLOT SCALE = 50,0000' / 1"			
PLOT DATE = 9/6/2011			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	131
BD0156-07 (BD-01)		CONTRACT NO. 51G68		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

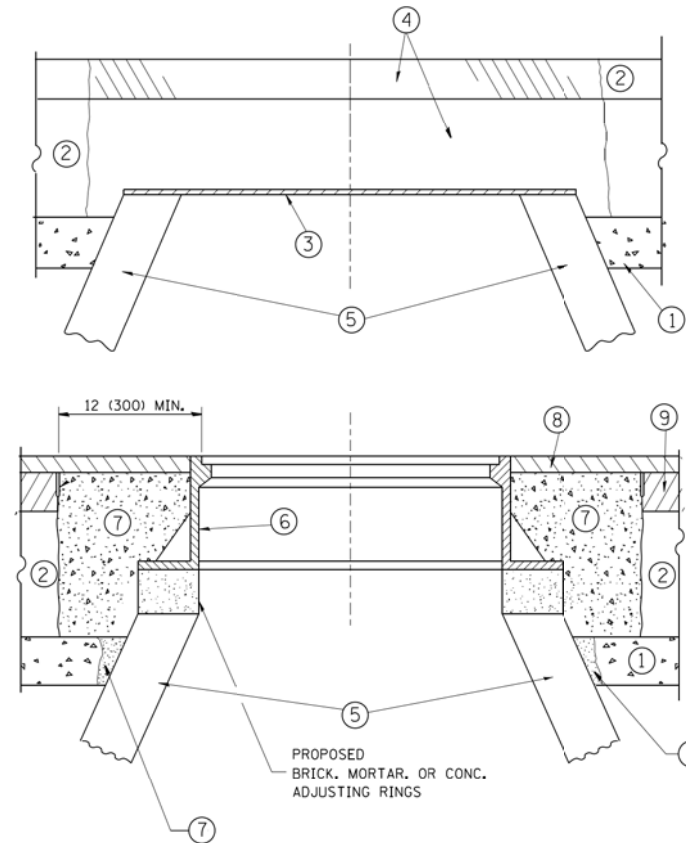
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PLOT DATE = 10/28/2011		DATE - 11-06-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS	
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	132
BD400-02 (BD-02)		CONTRACT NO. 61G68		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

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

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

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

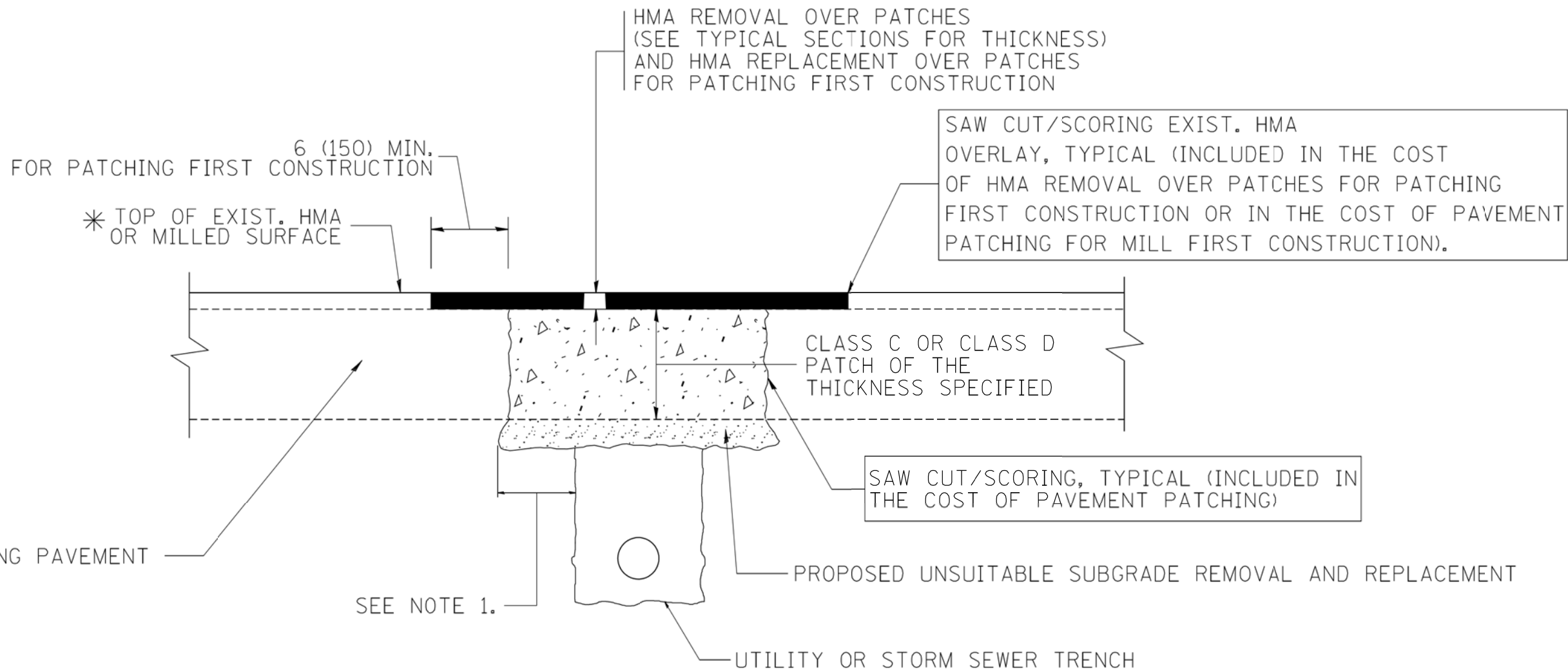
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	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	133
BD600-03 (BD-8)		CONTRACT NO. 61G68		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR
THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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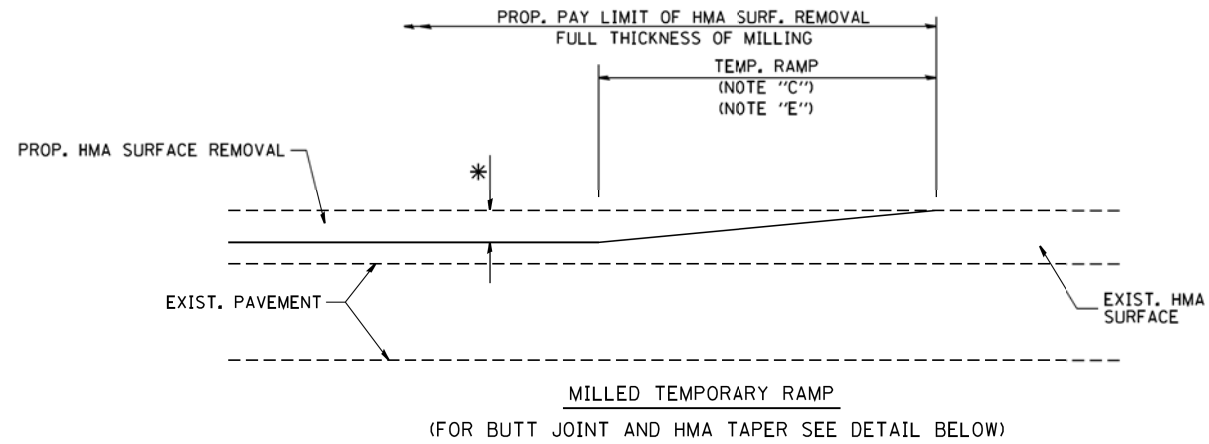
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PLOT DATE = 10/27/2008			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

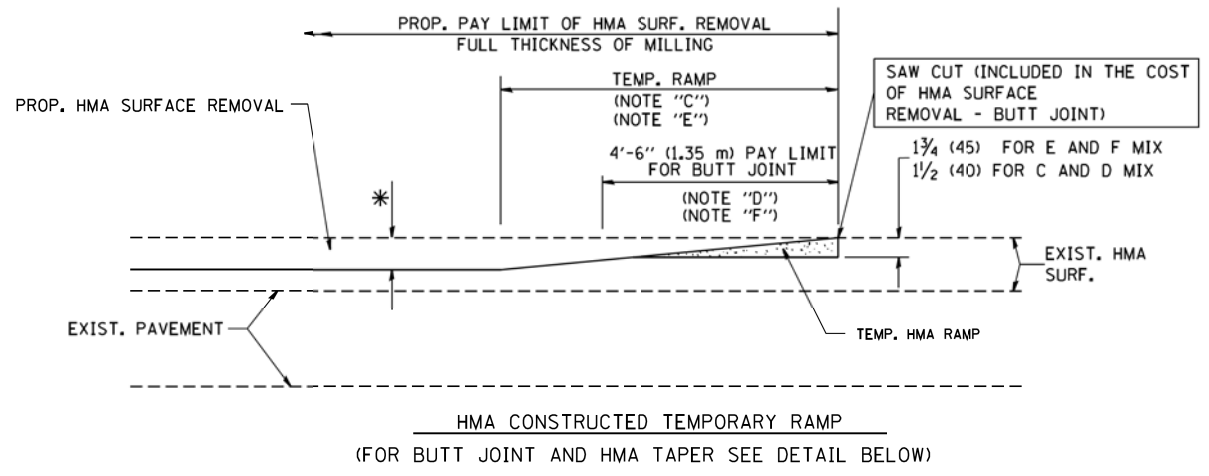
**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

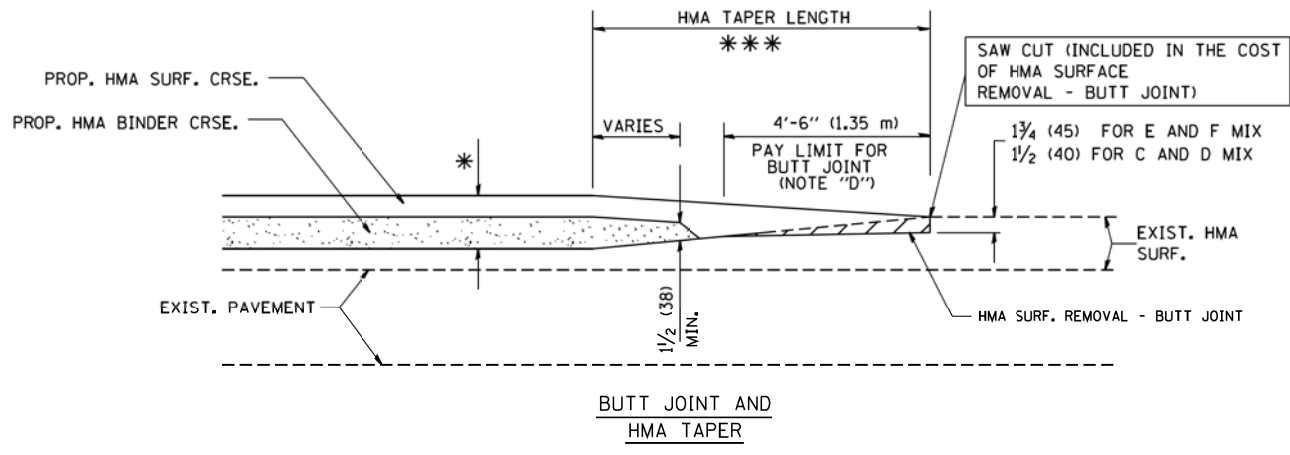
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



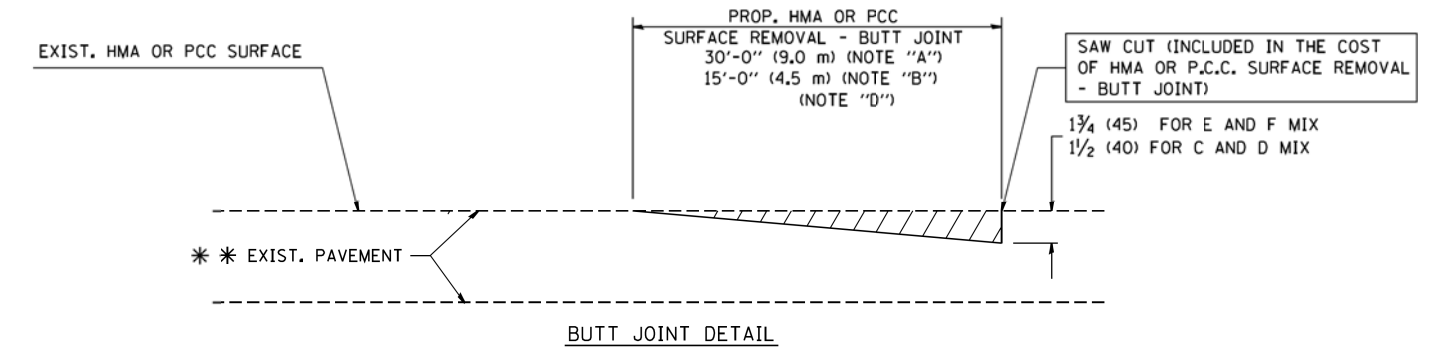
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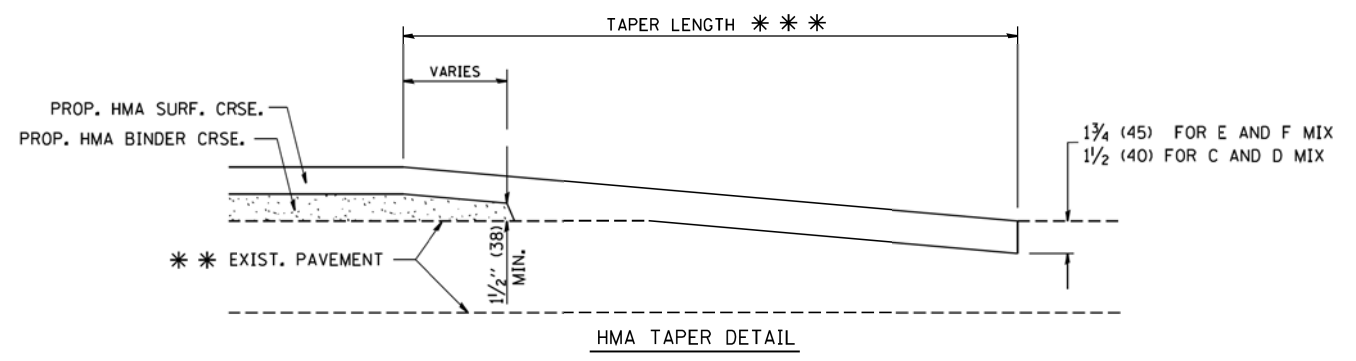
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

NOTES

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

BASIS OF PAYMENT:

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

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

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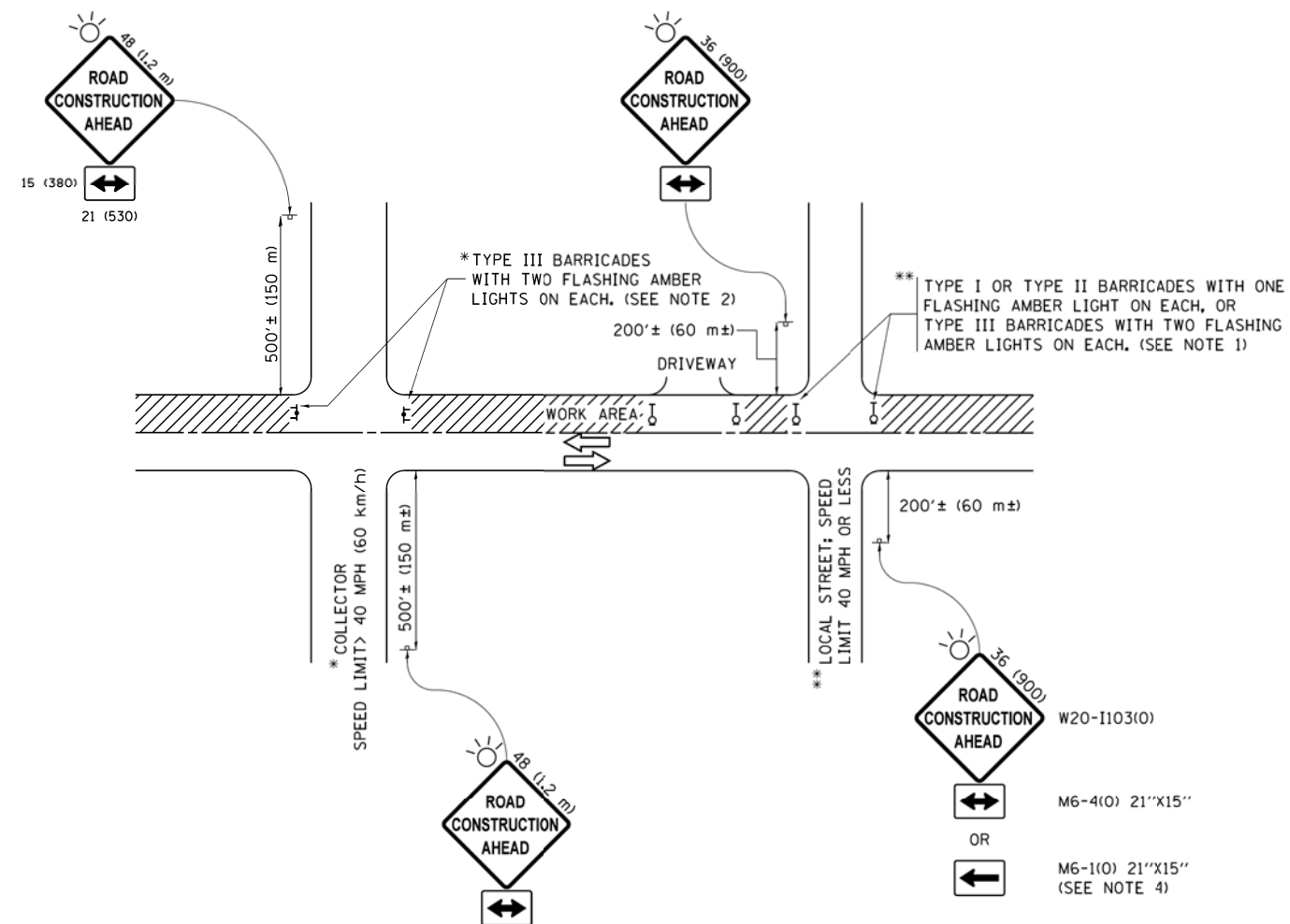
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PLOT DATE = 1/4/2008		DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	135
BD400-05 BD32		CONTRACT NO. 61G68		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

- 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 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.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- 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).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

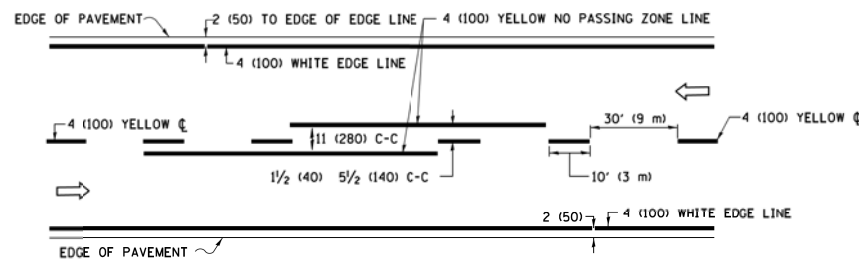
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

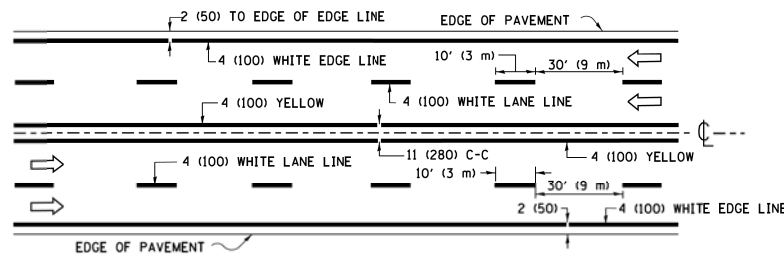
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SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

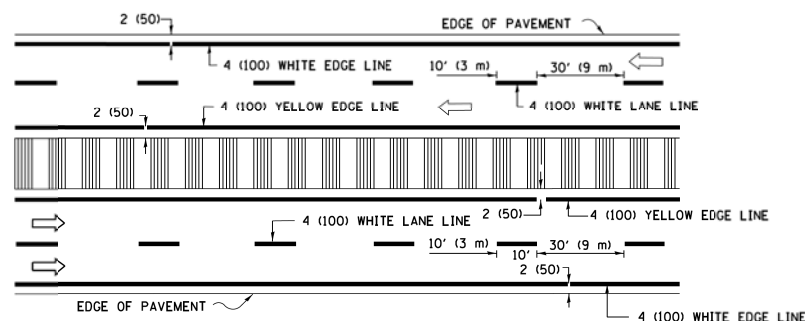
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2775	19-00265-00-RS	COOK	163	136
TC-10			CONTRACT NO. 61G68	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

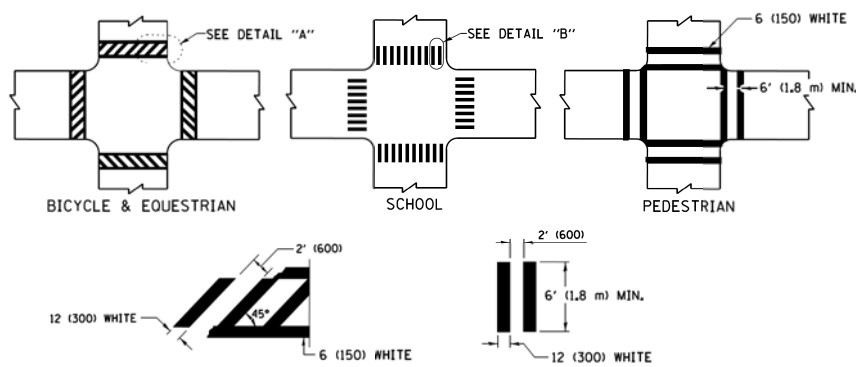


MULTI-LANE UNDIVIDED



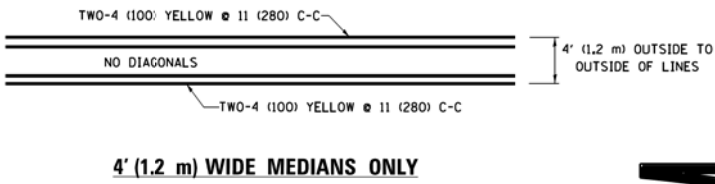
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

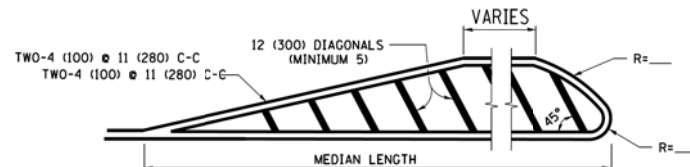


TYPICAL CROSSWALK MARKING

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



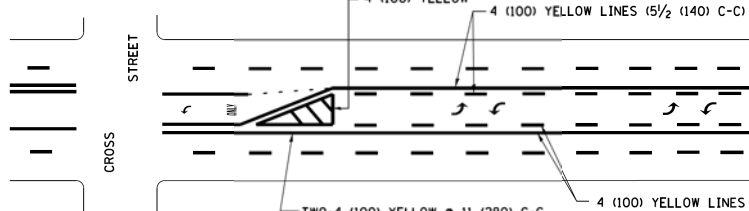
4' (1.2 m) WIDE MEDIANS ONLY



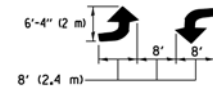
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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))

MEDIANS OVER 4' (1.2 m) WIDE

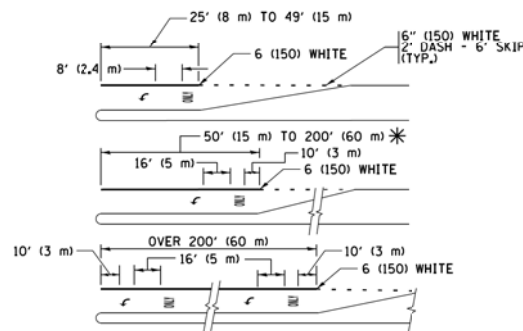


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

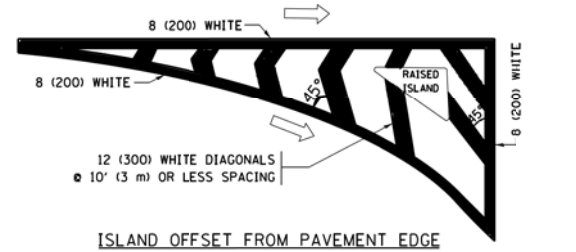


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

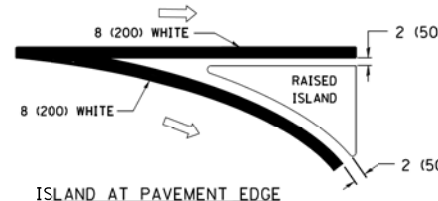
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

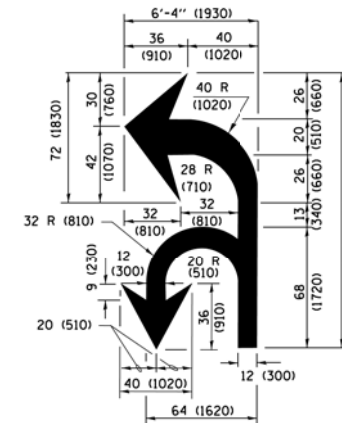


ISLAND OFFSET FROM PAVEMENT EDGE

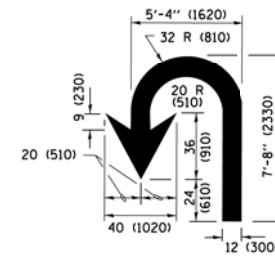


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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" 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 (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.

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		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	138
TC-13		CONTRACT NO.	61G68	

ILLINOIS FED. AID PROJECT

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

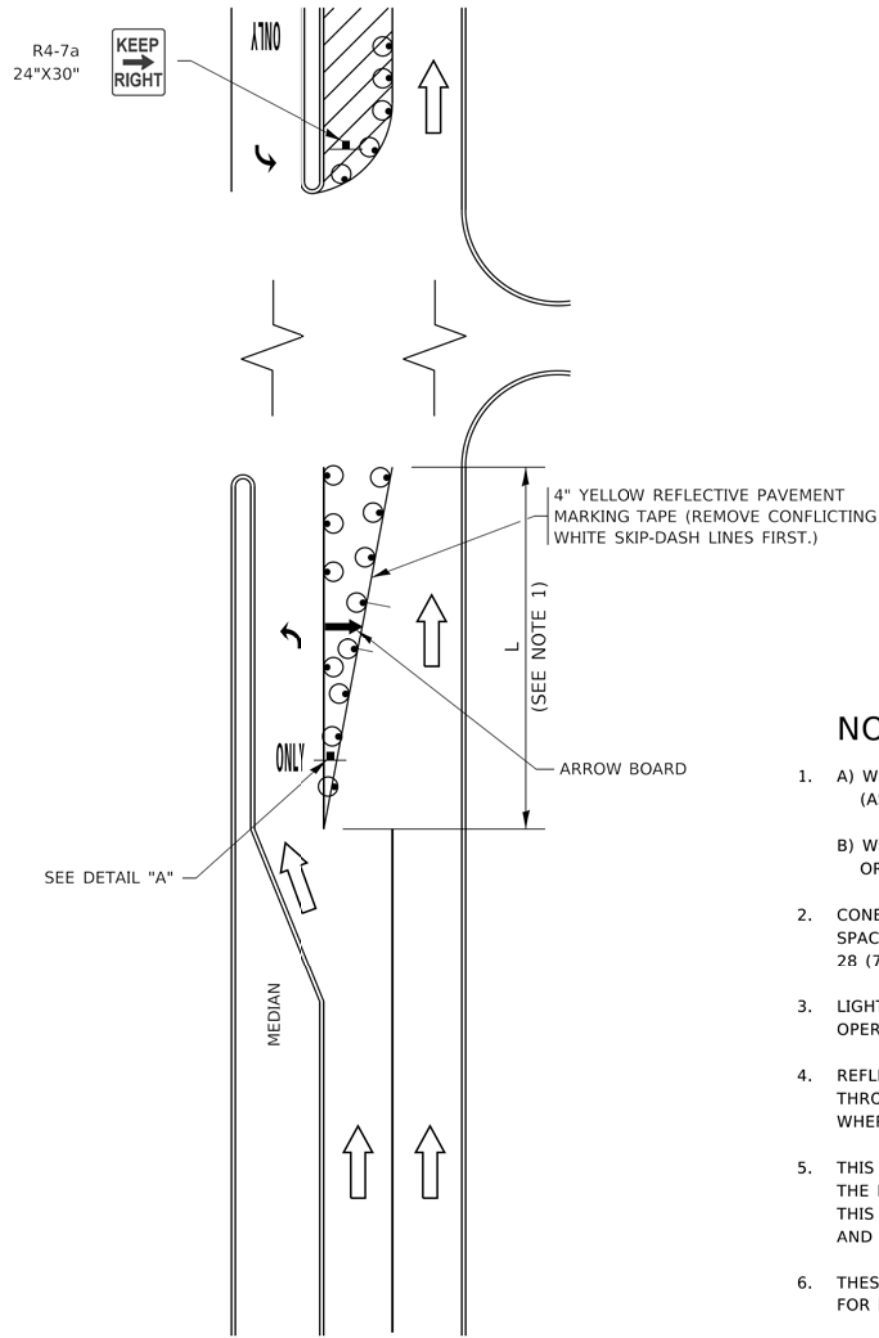


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

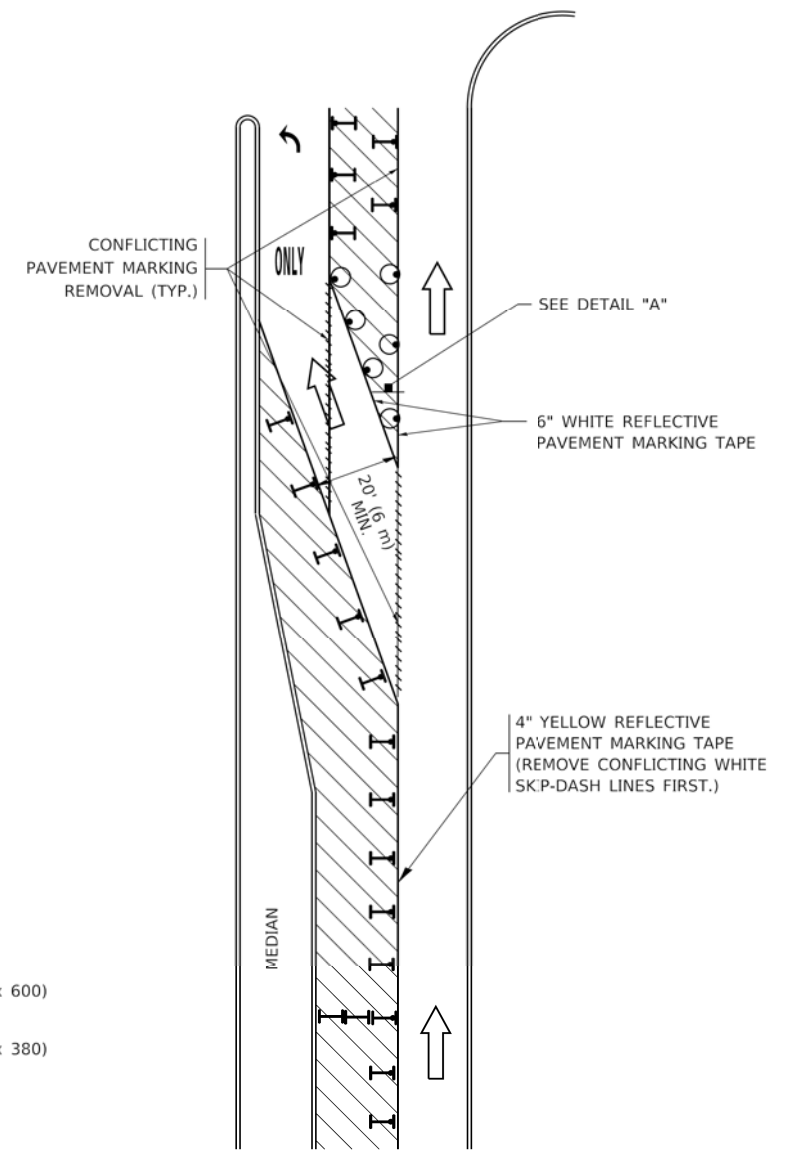









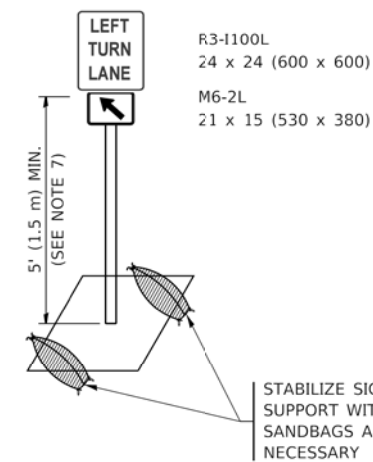
FIGURE 2

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  ARROW BOARD
-  TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  SIGN ASSEMBLY
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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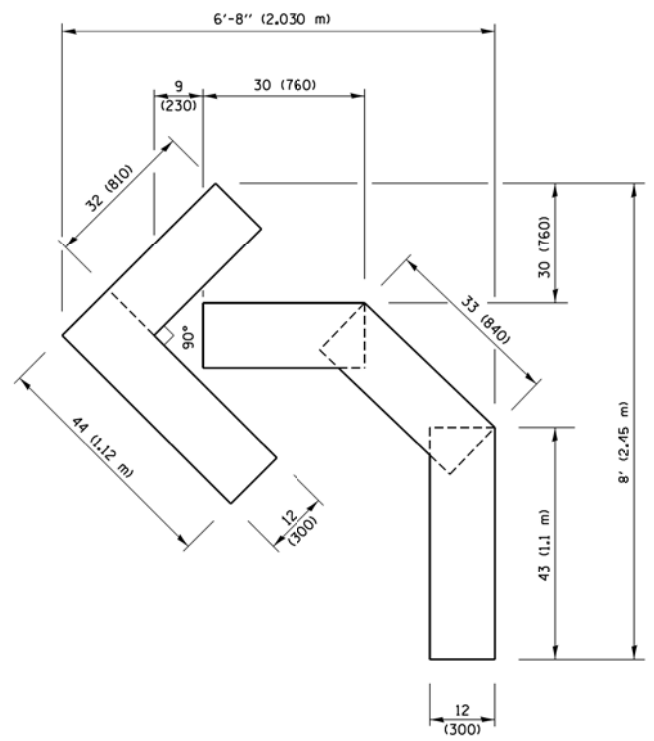
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

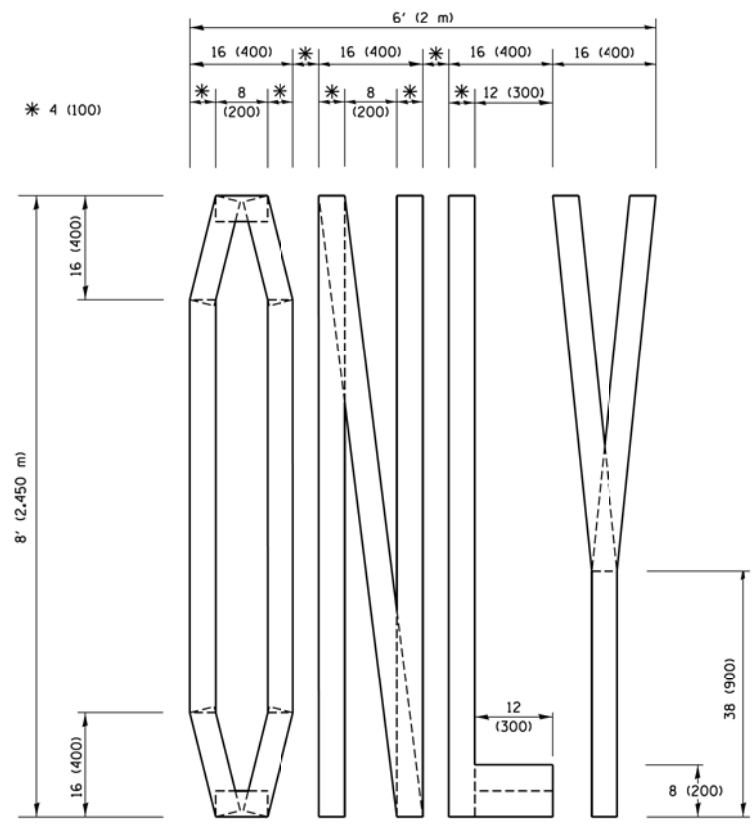
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

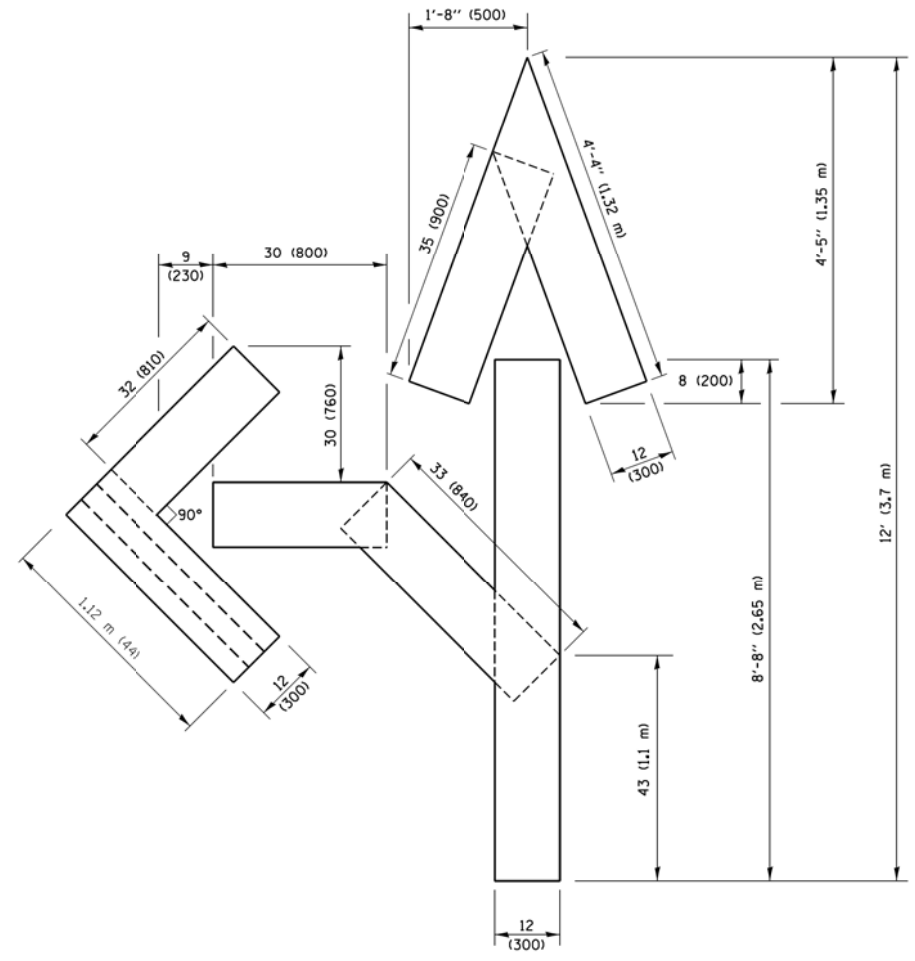
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2775	19-00265-00-RS	COOK	163	137
TC-14		CONTRACT NO. 51G68		
ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.41 sq. m)

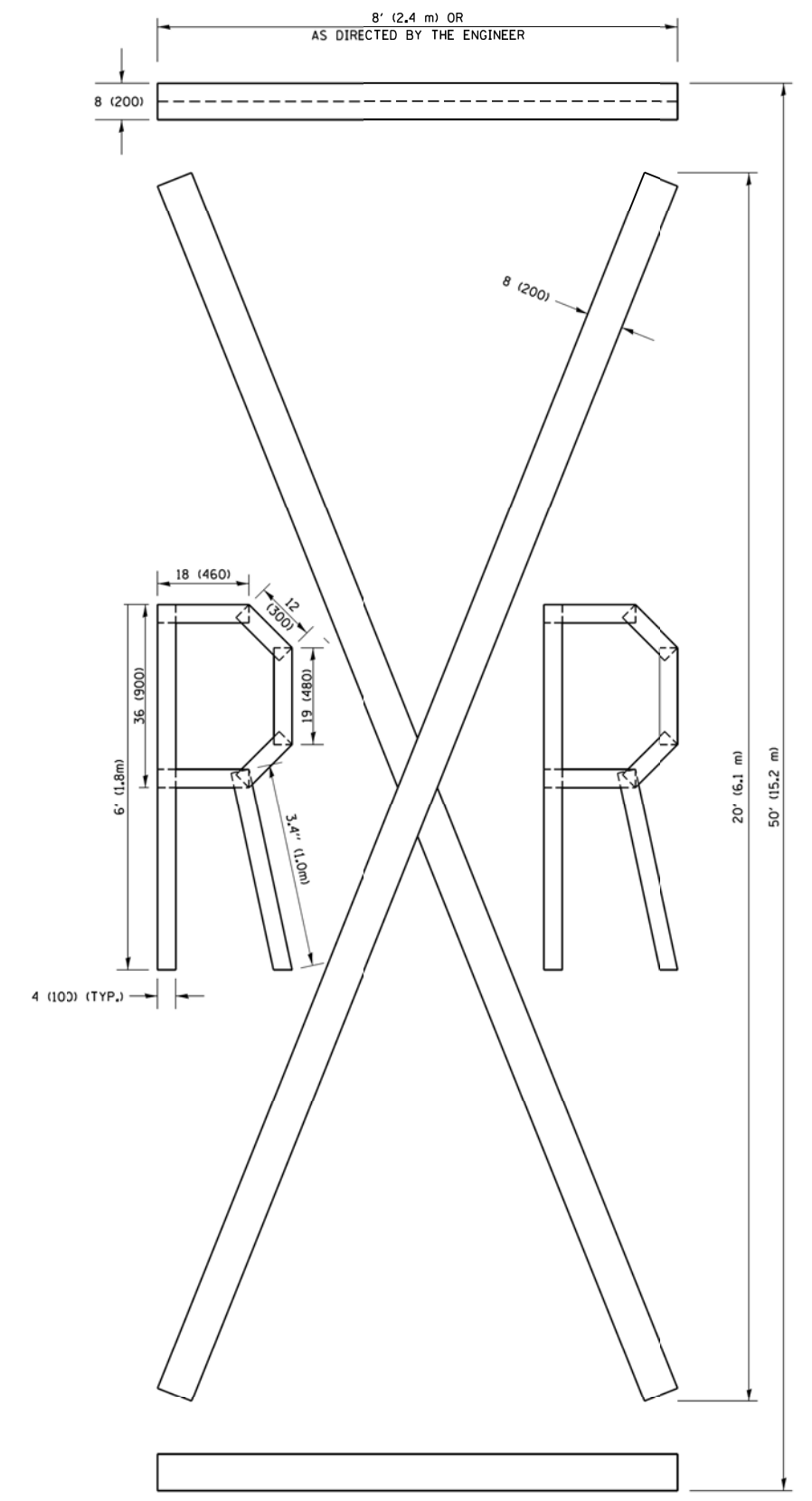


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)

NOTE:
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED
 IN LINEAR FEET OF 4" LINES TO MATCH THE
 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS
 THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY
 4 (100) LINE = 225.9 ft. (68.9 m)
 75.3 sq. ft. (6.99 sq. m)

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

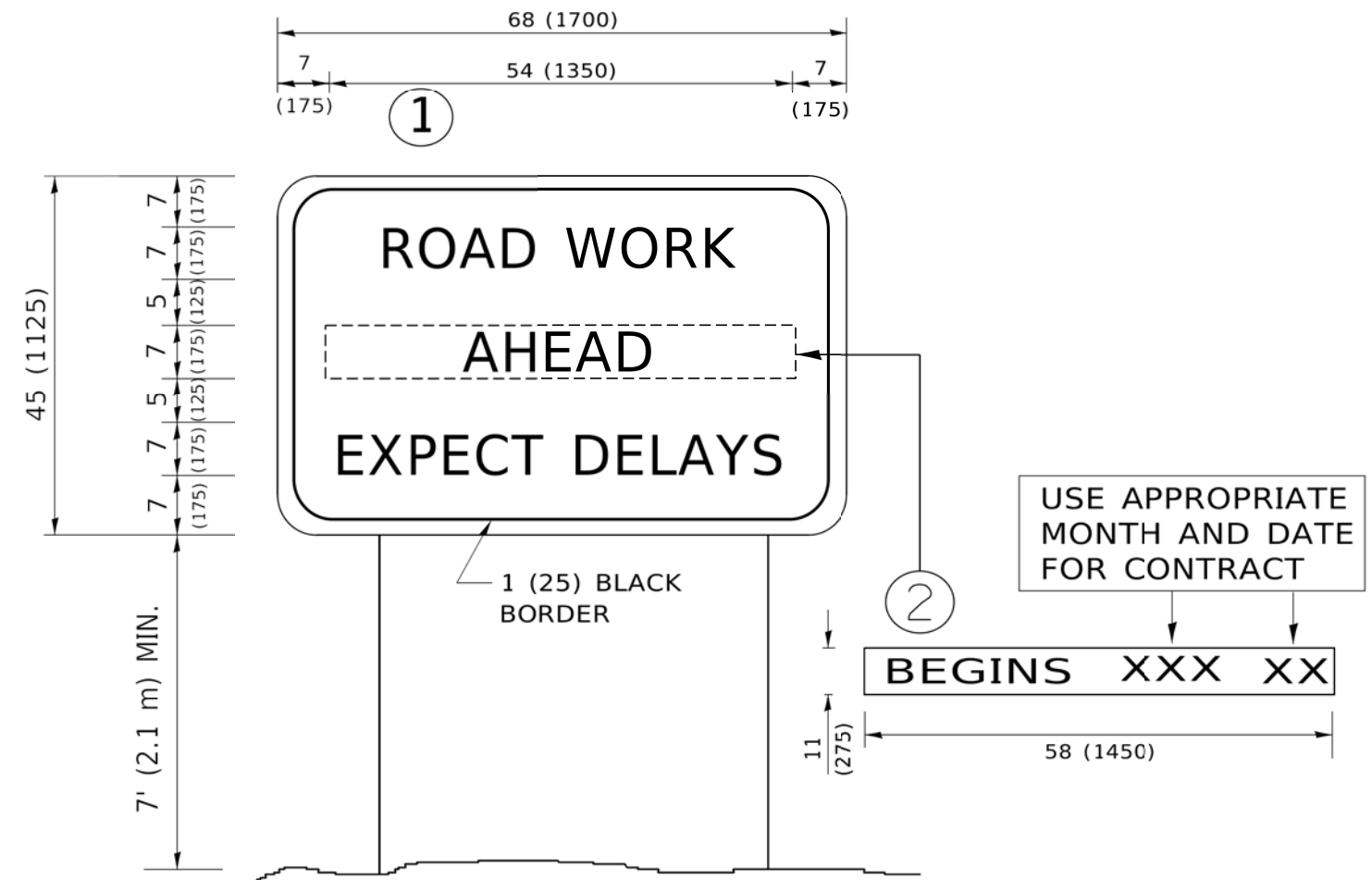
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PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 9/15/2016	DATE -	REVISED -	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	139
TC-16		CONTRACT NO. 61G68		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

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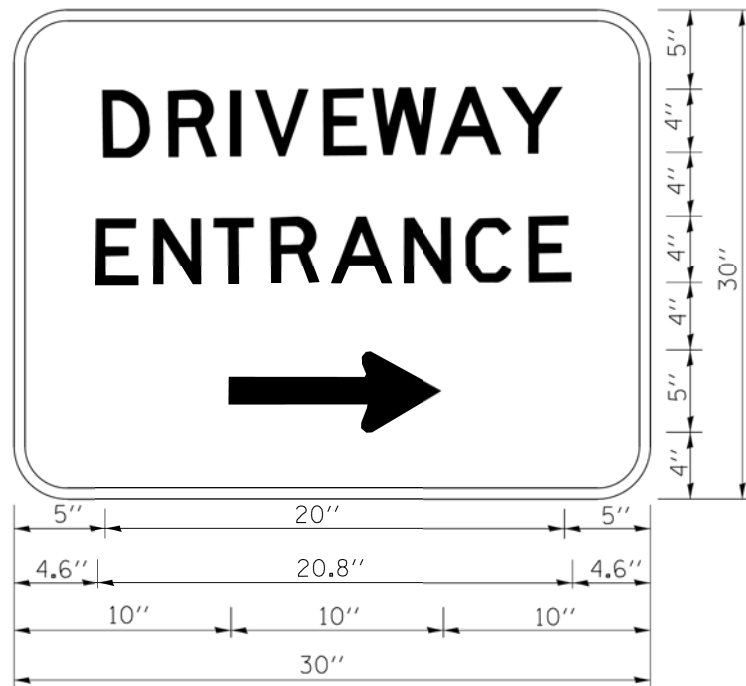
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	140
TC-22			CONTRACT NO. 51G68	
ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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		DRAWN -	REVISED -
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

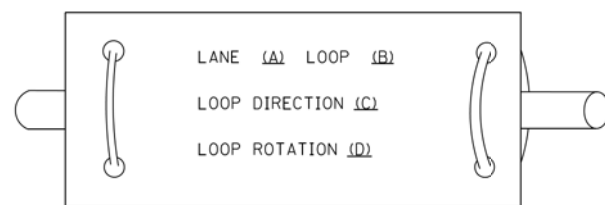
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TC-26			CONTRACT NO. 61G68	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

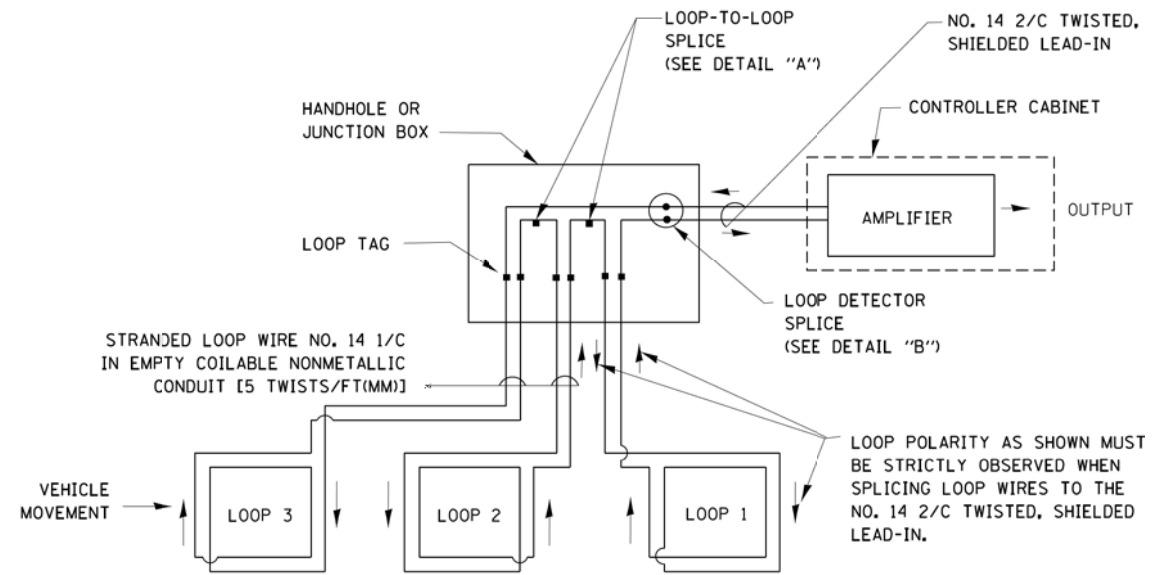
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

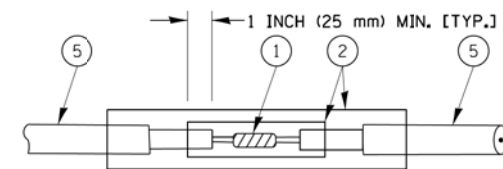


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

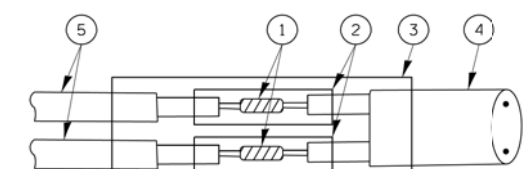


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

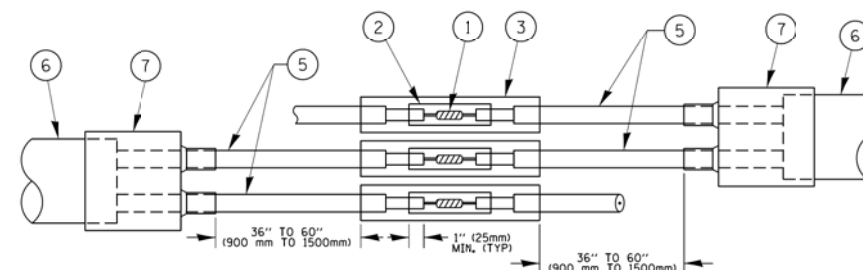


DETAIL "A"
LOOP-TO-LOOP SPLICE

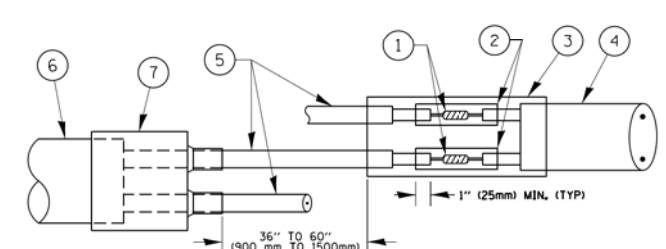


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PREFORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

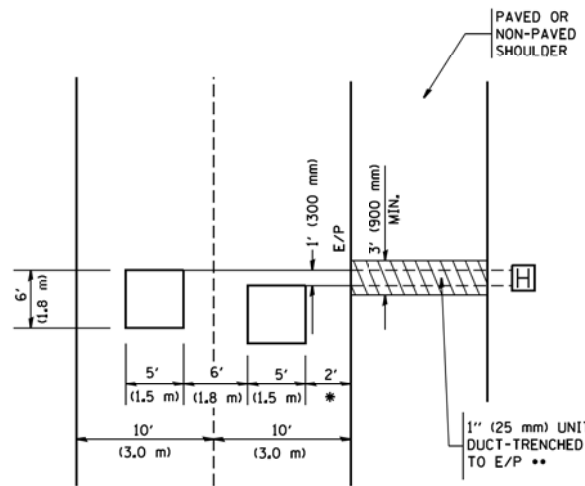
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	142
TS-05		CONTRACT NO. 61G68		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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		DRAWN - BCK	REVISED -
		CHECKED - DAD	REVISED -
		DATE - 10-28-09	REVISED -

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



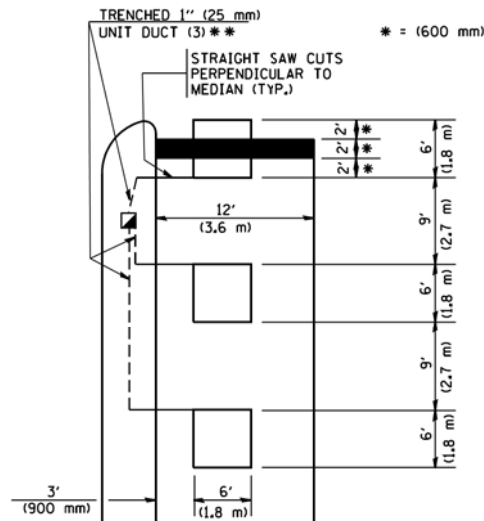
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



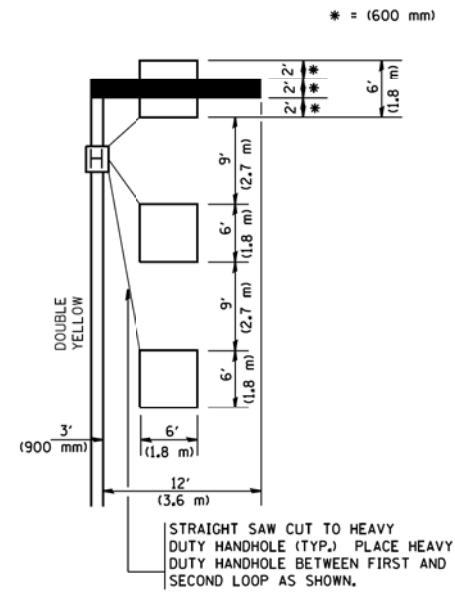
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH**

(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

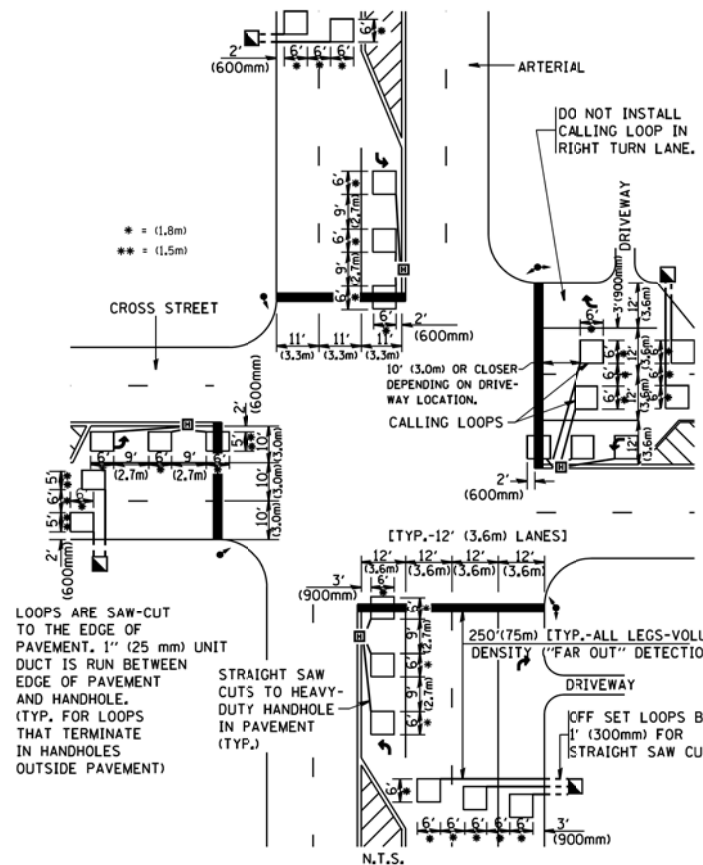
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**

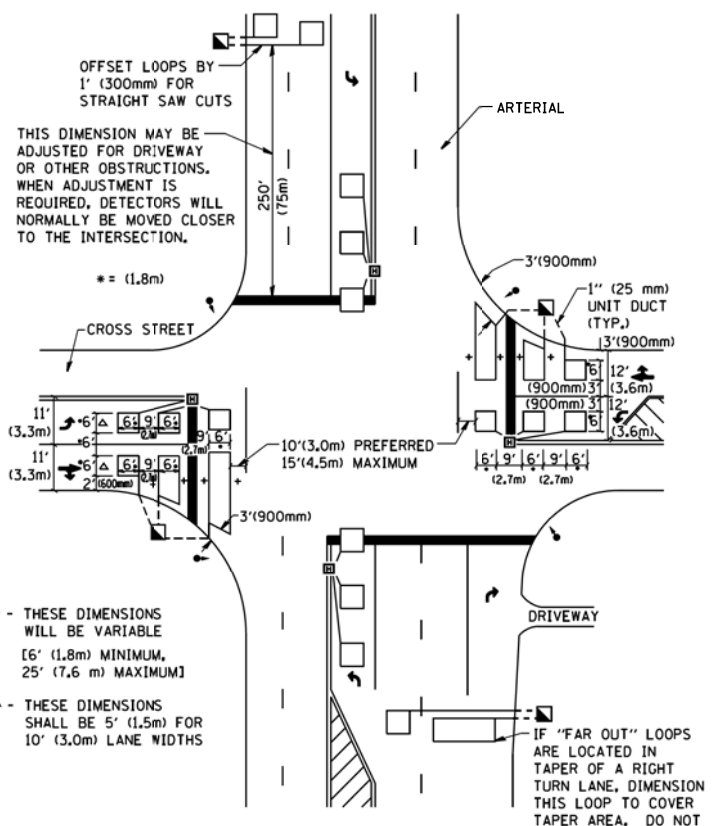


LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



+- THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]
△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
N.T.S.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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		CHECKED - R.K.F.	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

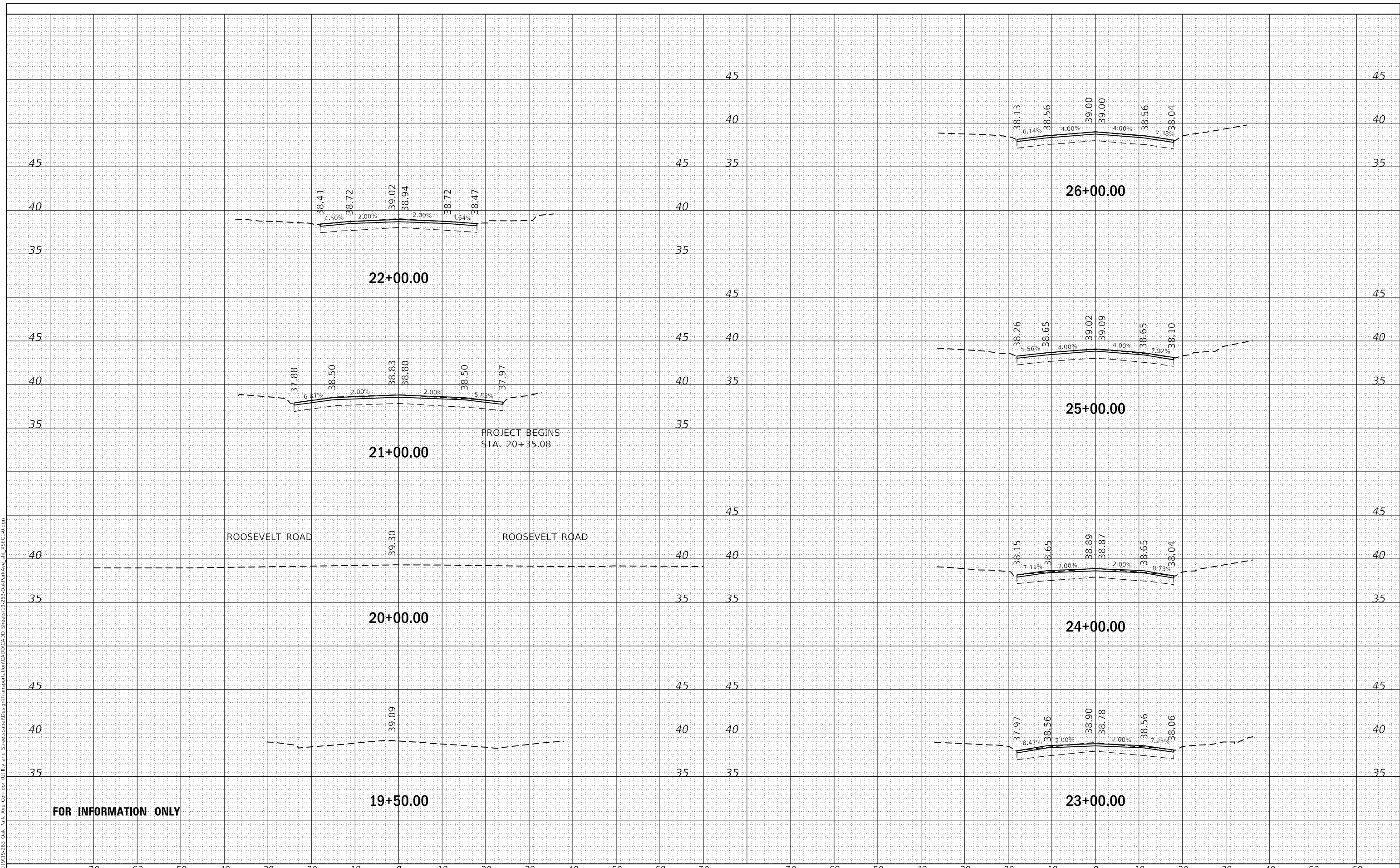
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-07		CONTRACT NO. 61G68		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

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

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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H=10' V=5'	SHEET 1	OF 4 SHEETS	STA. 19+50.00	TO STA. 26+00.00
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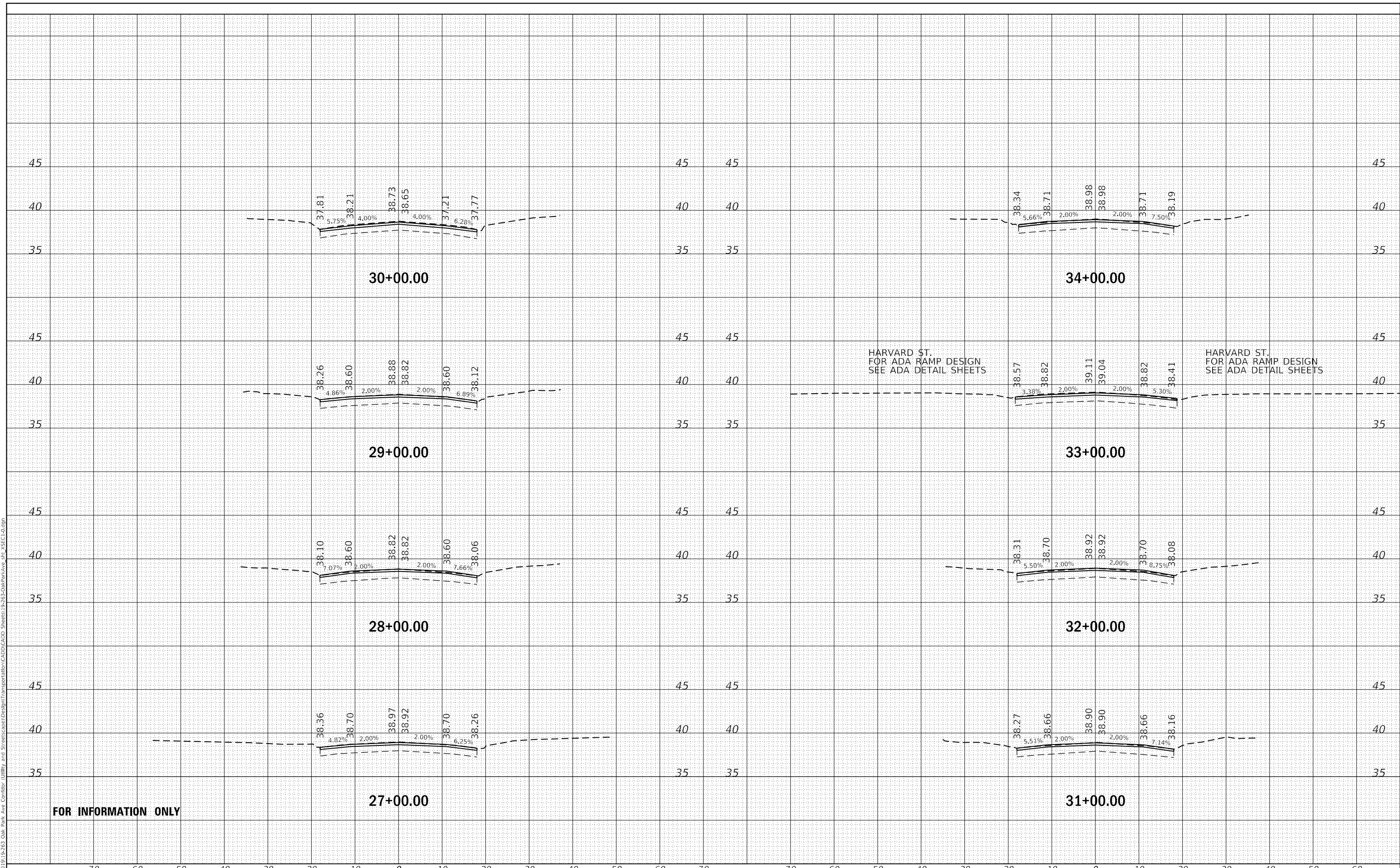
**OAK PARK AVENUE
 CROSS SECTIONS**

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			CONTRACT NO. 61G68	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
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ORIGINAL SURVEY NO.	SURVEYED	DATE
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

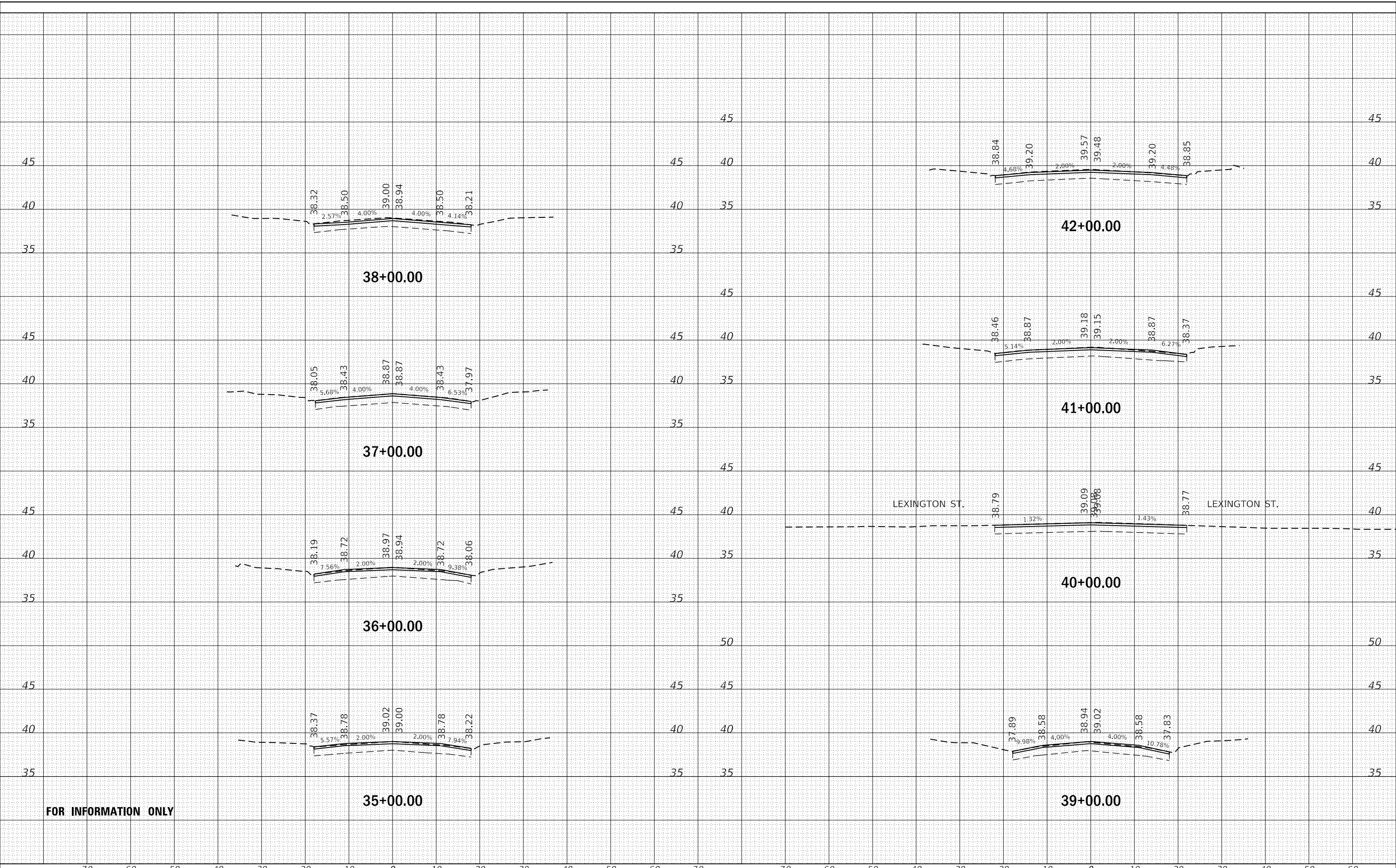
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	145
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
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PLOT DATE = 10/26/2020	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
 CROSS SECTIONS
 SCALE: H=10' V=5' SHEET 3 OF 4 SHEETS STA. 35+00.00 TO STA. 42+00.00

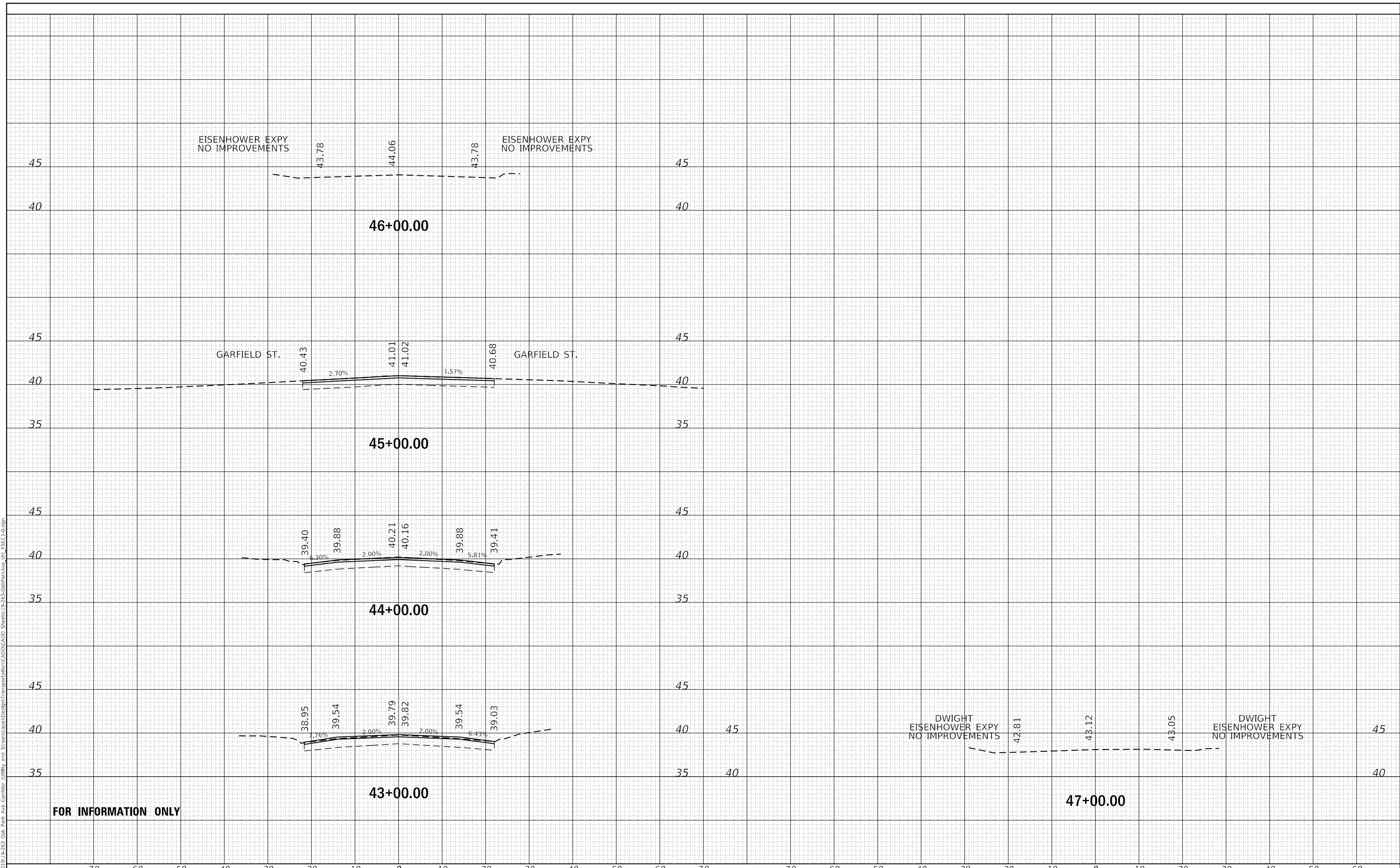
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2775	19-00265-00-RS	COOK	163	146
				CONTRACT NO.61G68

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
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ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
CROSS SECTIONS**

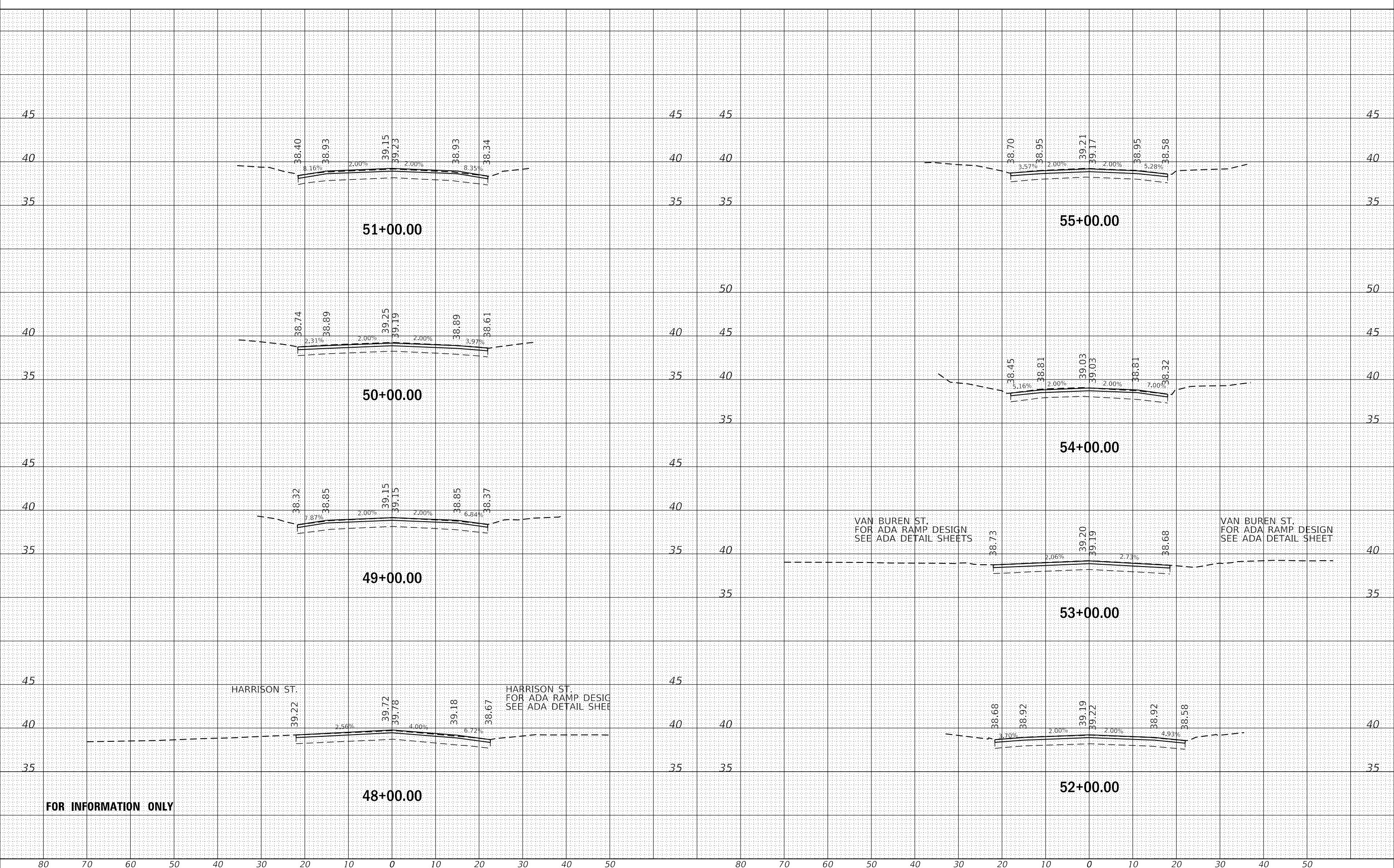
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F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 147
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED
BY	DATE
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED
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FOR INFORMATION ONLY

HARRISON ST.

HARRISON ST.
FOR ADA RAMP DESIGN
SEE ADA DETAIL SHEET

VAN BUREN ST.
FOR ADA RAMP DESIGN
SEE ADA DETAIL SHEETS

VAN BUREN ST.
FOR ADA RAMP DESIGN
SEE ADA DETAIL SHEET

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
CROSS SECTIONS

USER NAME = JuanS	DESIGNED -	REVISED -
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	DATE -	REVISED -

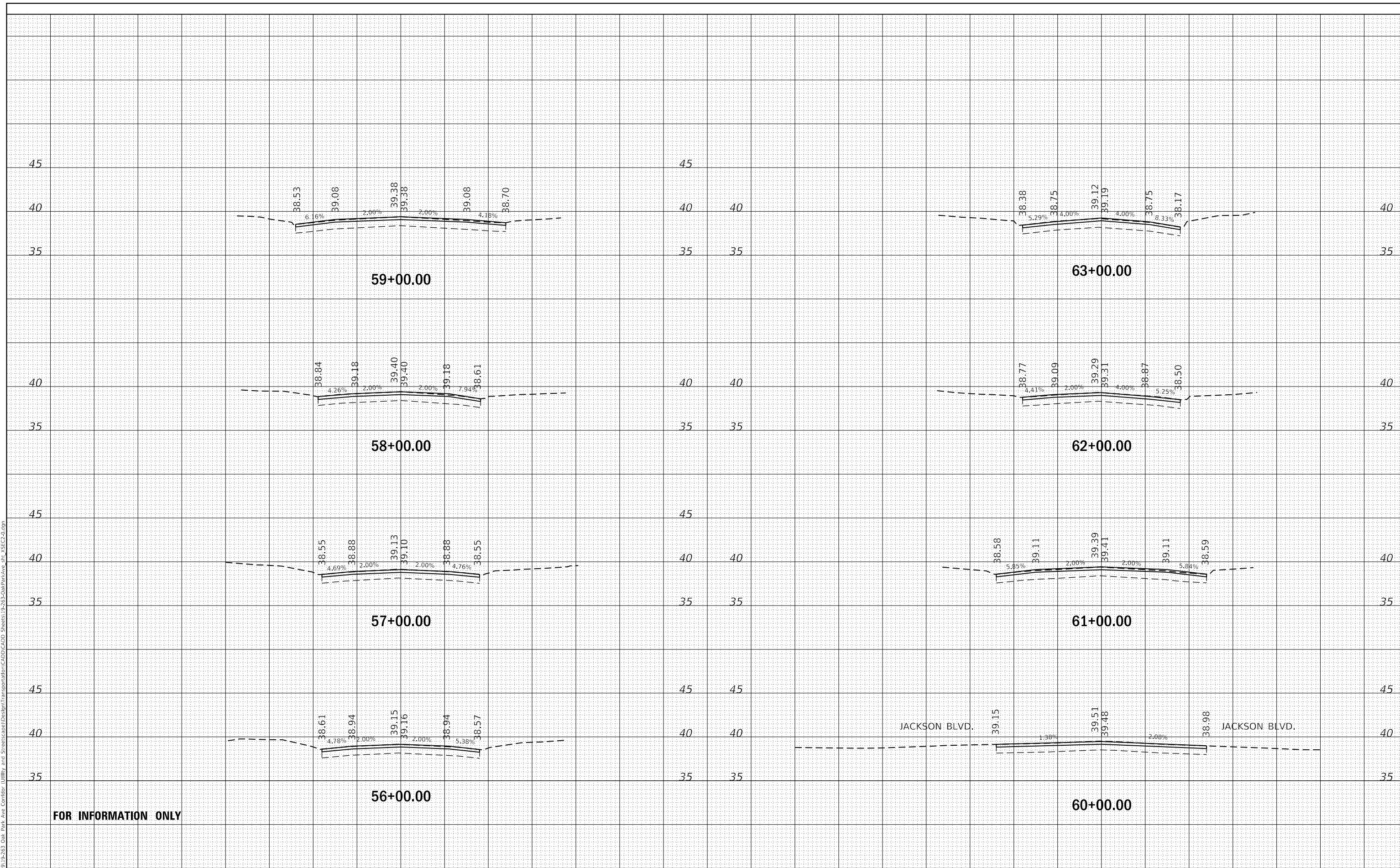
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CONTRACT NO. 61G68				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
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JACKSON BLVD.

JACKSON BLVD.

USER NAME =	JuanS	DESIGNED -	REVISD -
		DRAWN -	REVISD -
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PLOT DATE =	10/26/2020	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

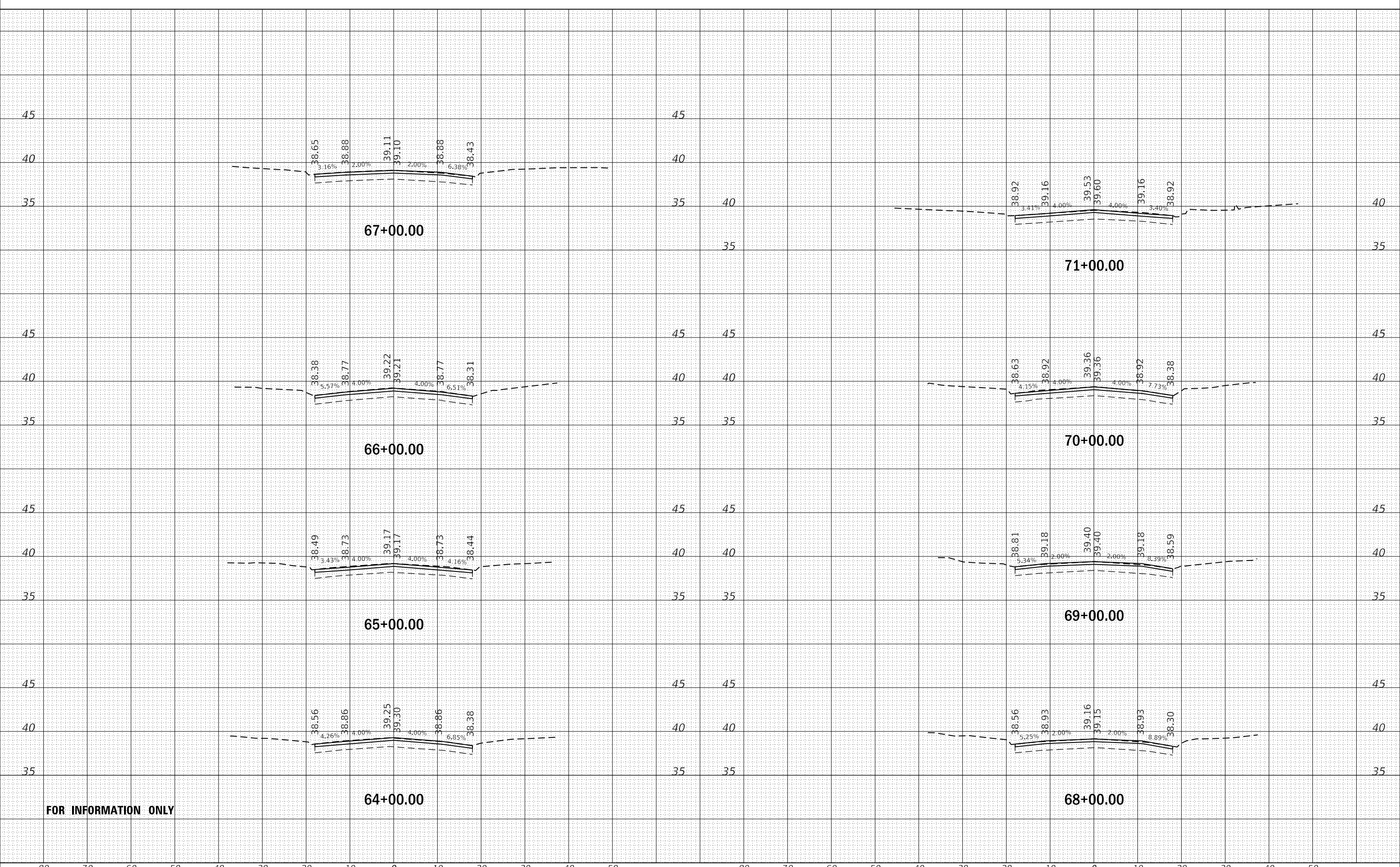
**OAK PARK AVENUE
CROSS SECTIONS**
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	149
				CONTRACT NO.61G68
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
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	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
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	AREAS CHECKED	

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FOR INFORMATION ONLY

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PLOT SCALE =	20.0000' / in.
PLOT DATE =	10/26/2020

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H=10' V=5'	SHEET 3	OF 6 SHEETS	STA. 64+00.00	TO STA. 71+00.00
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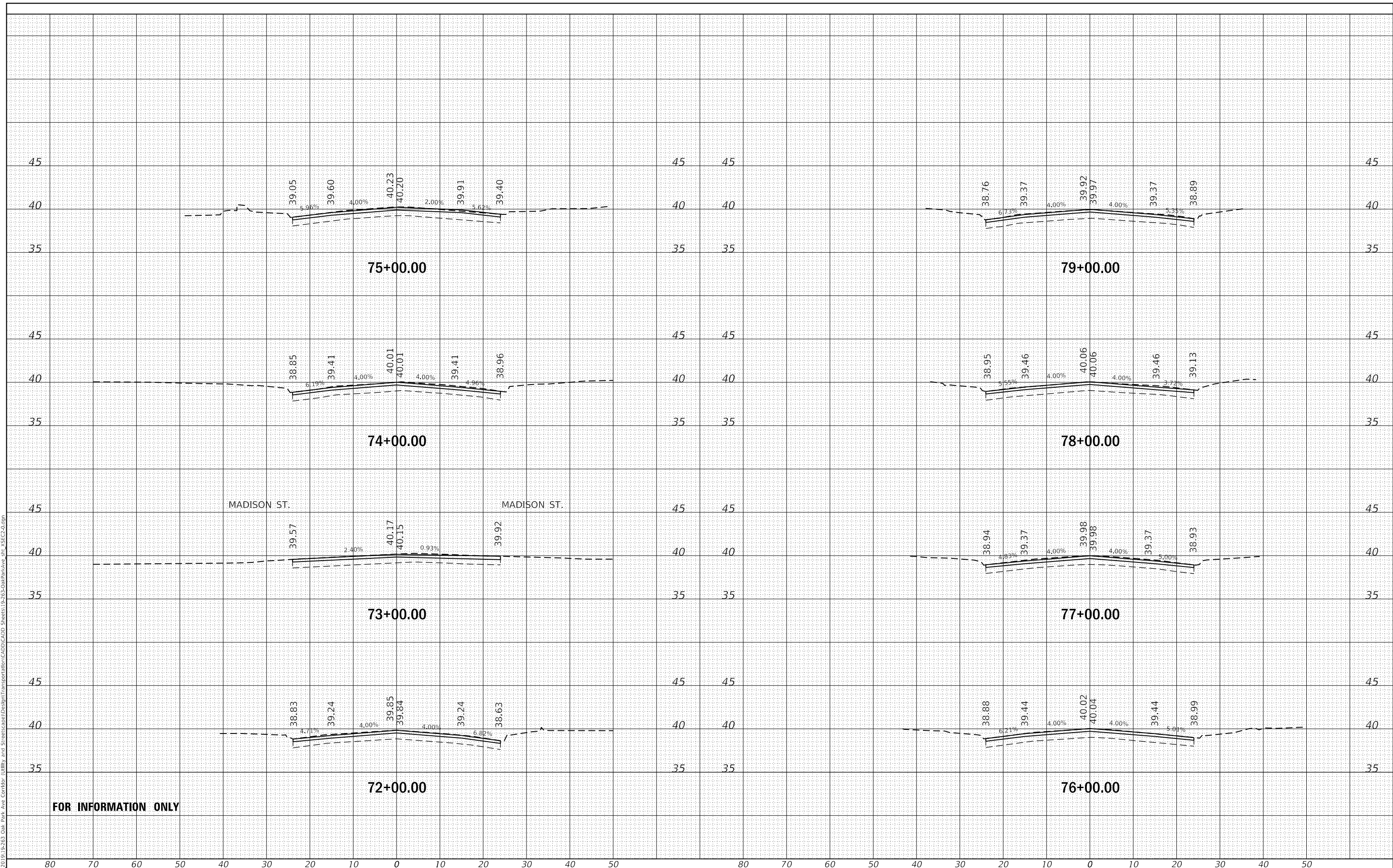
OAK PARK AVENUE
 CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	150
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
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ORIGINAL SURVEY NO.	SURVEYED	DATE
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PLOT DATE = 10/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H=10' V=5'	SHEET 4	OF 6 SHEETS	STA. 72+00.00	TO STA. 79+00.00
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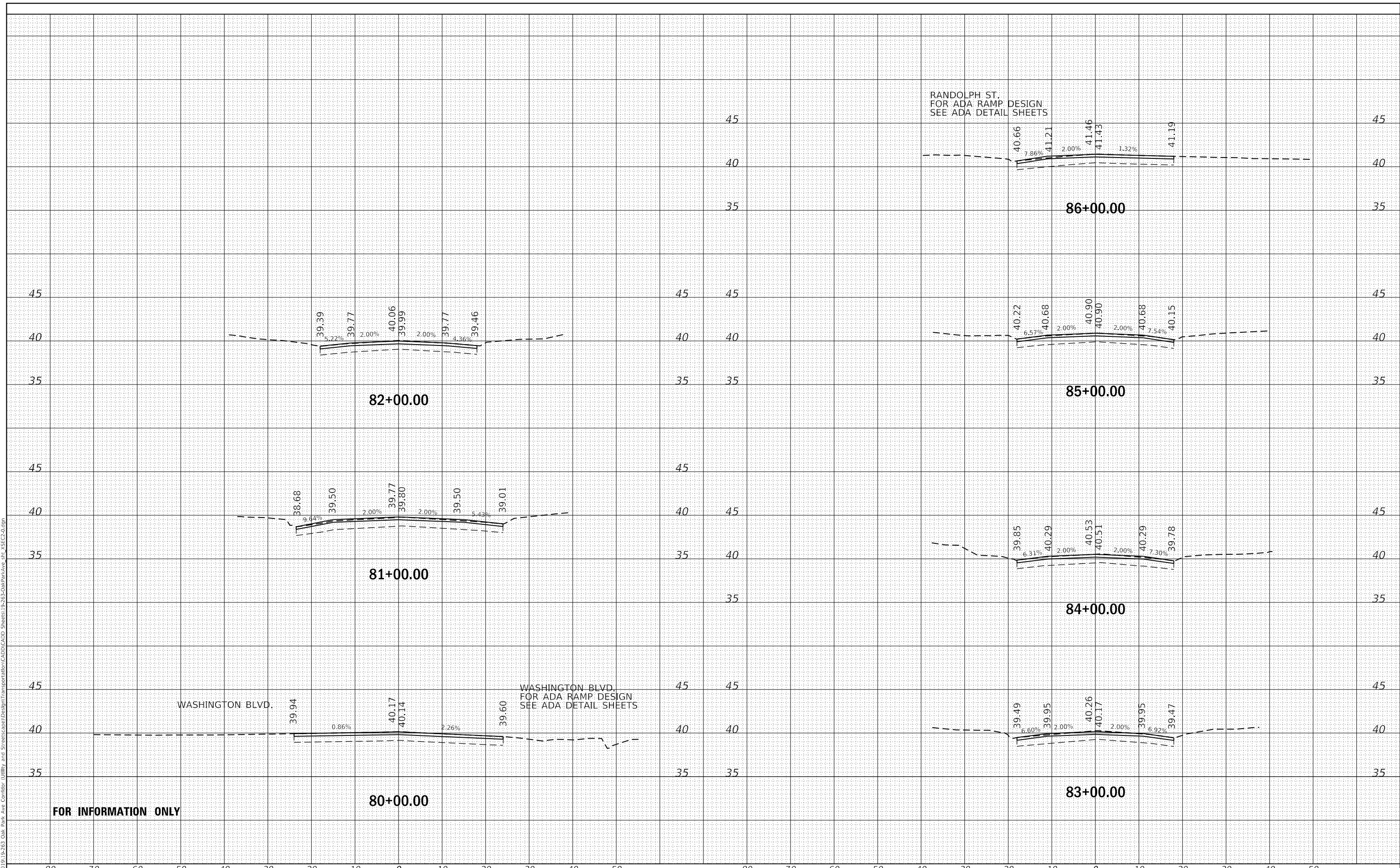
**OAK PARK AVENUE
 CROSS SECTIONS**

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 151
CONTRACT NO. 61G68				
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	

MODEL: 80+00_26-00.dwg
 FILE NAME: R:\2019\19-263 Oak Park Ave Corridor Utility and Streetcaper\Design\CADD\Transportation\CADD Sheets\19-263-03a\Parcave_01_XSEC2.dwg



USER NAME =	JuanS
DESIGNED -	
DRAWN -	
PLOT SCALE =	20.0000' / in.
PLOT DATE =	10/26/2020

DESIGNED -	
REVISIONS -	
CHECKED -	
DATE -	

REVISIONS -	
REVISIONS -	
REVISIONS -	
REVISIONS -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: H=10' V=5'	SHEET 5	OF 6 SHEETS	STA. 80+00.00	TO STA. 86+00.00
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RANDOLPH ST.
 FOR ADA RAMP DESIGN
 SEE ADA DETAIL SHEETS

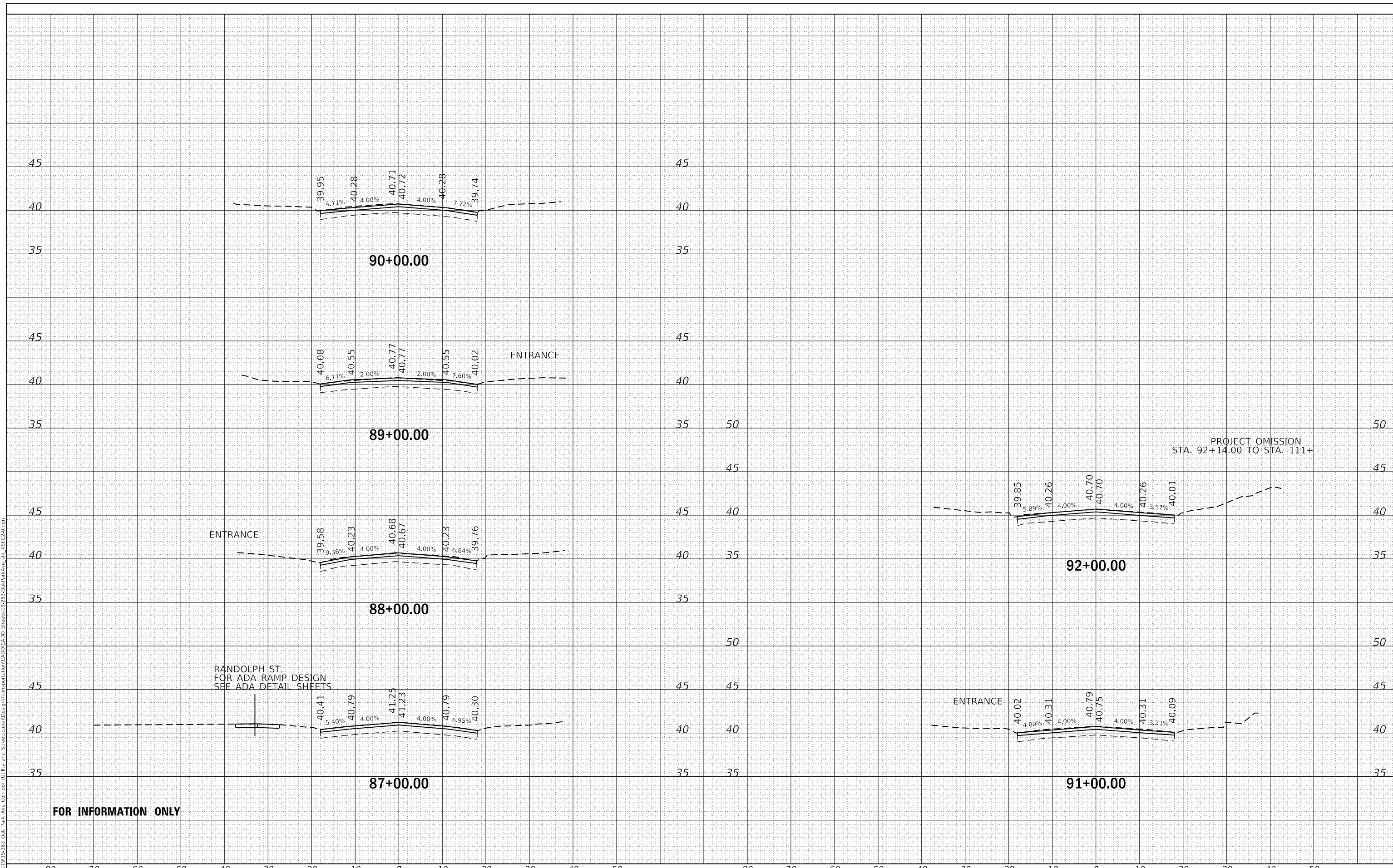
WASHINGTON BLVD.
 FOR ADA RAMP DESIGN
 SEE ADA DETAIL SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	152
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

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

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

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FOR INFORMATION ONLY

USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

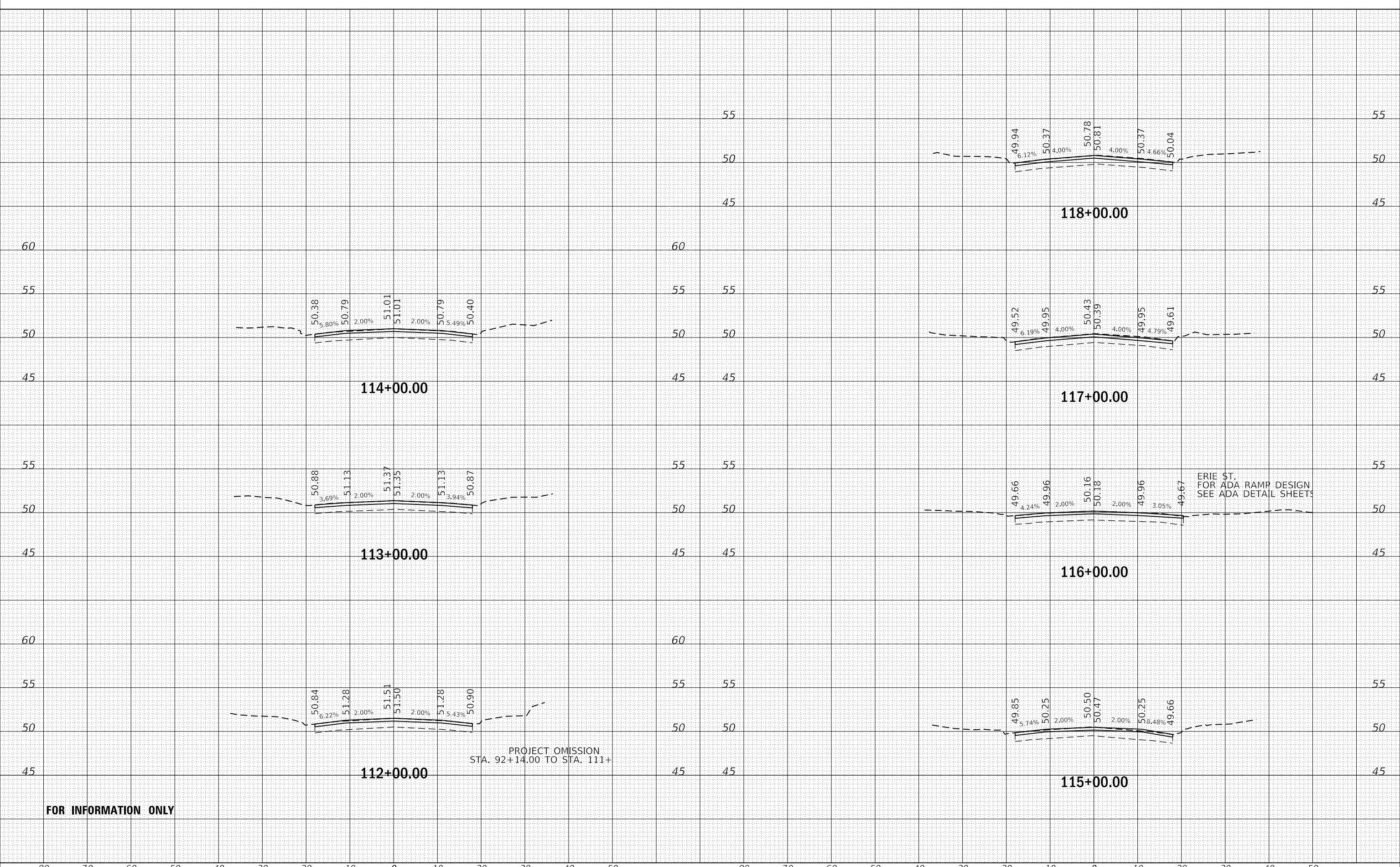
OAK PARK AVENUE CROSS SECTIONS	
SCALE: H=10' V=5'	SHEET 6 OF 6 SHEETS
STA. 87+00.00	TO STA. 92+00.00

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 153
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: 112-00_118+00
 FILE NAME: R:\2019\19-263 Oak Park Ave Corridor\Utility and Streetscape\Design\CADD\Transportation\CADD Sheets\19-263-OakParkAve_crt_XSEC3-0.dgn



FOR INFORMATION ONLY

USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

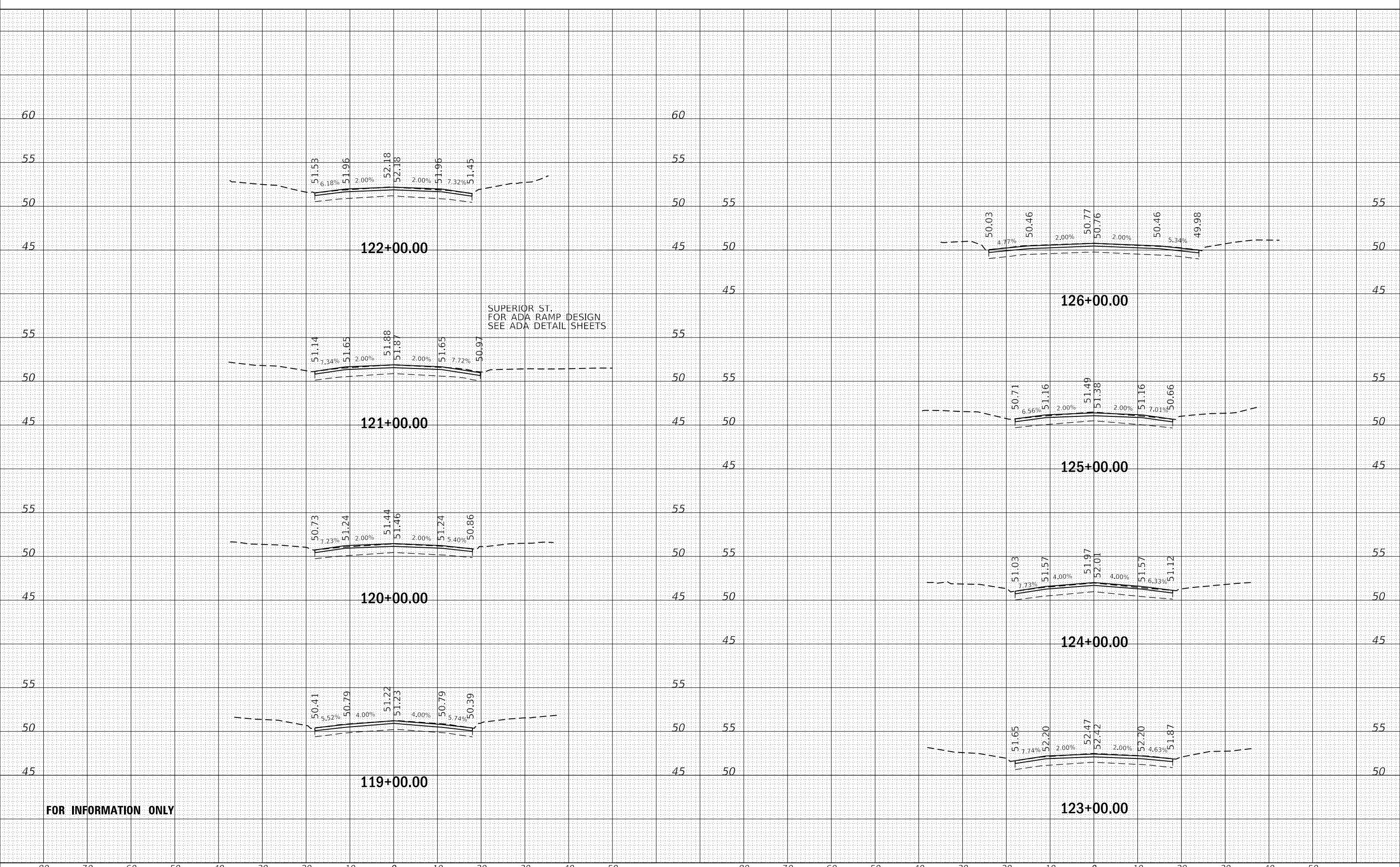
**OAK PARK AVENUE
 CROSS SECTIONS**
 SCALE: H=10' V=5' SHEET 1 OF 10 SHEETS STA. 112+00.00 TO STA. 118+00.00

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 154
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: 119-00_126-00.dgn
 FILE NAME: R:\2019\19-263 Oak Park Ave Corridor\Utility and Streetscape\Design\CADD\CADD Sheets\19-263-03a\Parcave_01_XSEC3.dgn



FOR INFORMATION ONLY

USER NAME = JuanS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

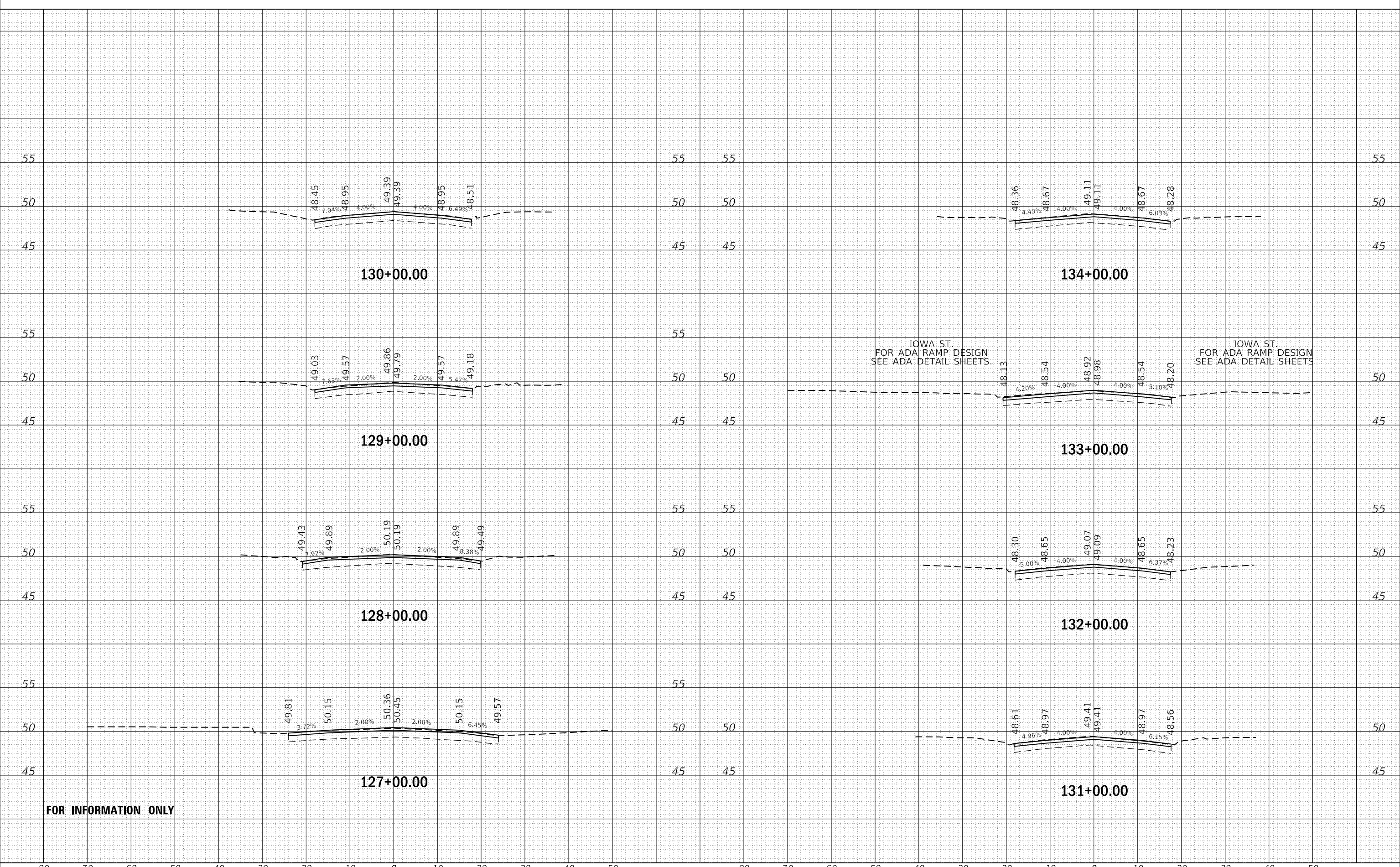
**OAK PARK AVENUE
CROSS SECTIONS**
 SCALE: H=10' V=5" SHEET 2 OF 10 SHEETS STA. 119+00.00 TO STA. 126+00.00

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 155
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

MODEL: I27-100_134-00
 FILE NAME: R:2019105-263 Oak Park Ave Corridor Utility and Streetcaper\Design\CADD\Transportation\CADD Sheets\19-0263-OakParkAve_crt_XSEC-3.dgn



FOR INFORMATION ONLY

IOWA ST.
FOR ADA RAMP DESIGN
SEE ADA DETAIL SHEETS.

IOWA ST.
FOR ADA RAMP DESIGN
SEE ADA DETAIL SHEETS.

USER NAME =	JuanS	DESIGNED -	REVISED -
		DRAWN -	REVISED -
PLOT SCALE =	20.0000' / in.	CHECKED -	REVISED -
PLOT DATE =	10/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
CROSS SECTIONS**

SCALE: H=10' V=5' SHEET 3 OF 10 SHEETS STA. 127+00.00 TO STA. 134+00.00

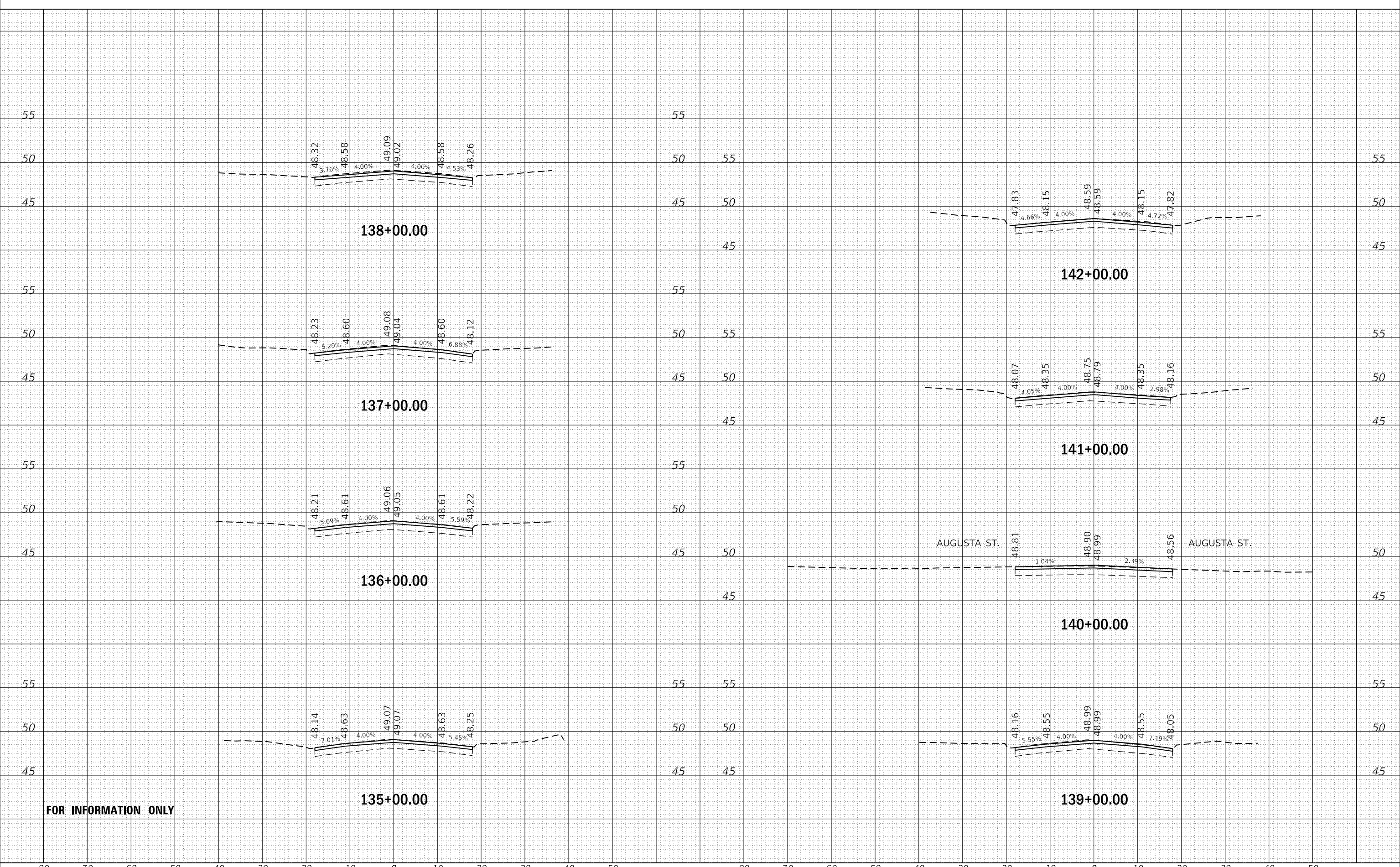
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	156
				CONTRACT NO.61G68

ILLINOIS FED. AID PROJECT

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

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

MODEL: 135-00_142-00
 FILE NAME: R:\2019\19-263 Oak Park Ave Corridor\Utility and Streetscape\Design\CADD\Transportation\CADD Sheets\19-263-OakParkAve_crt_XSEC3-0.dgn



FOR INFORMATION ONLY

USER NAME = JuanS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/26/2020	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

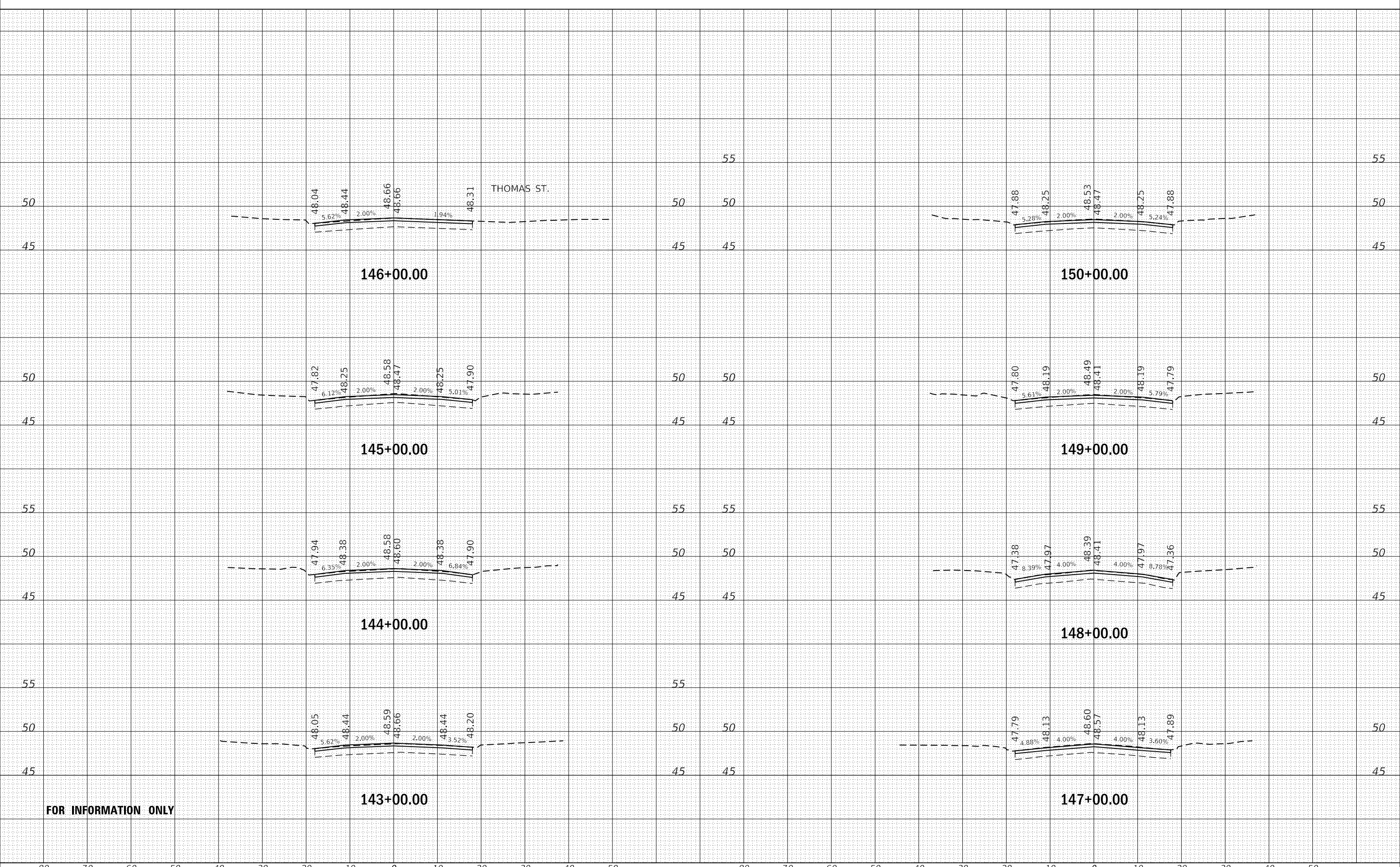
OAK PARK AVENUE CROSS SECTIONS	
SCALE: H=10' V=5'	SHEET 4 OF 10 SHEETS
STA. 135+00.00	TO STA. 142+00.00

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 157
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: 143-100_130-00
 FILE NAME: R:\2019\19-263 Oak Park Ave Corridor Utility and Streetcaper\Drawings\Transportation\CADD\CADD Sheets\19-263-OakParkAve-ut-SEC3-0.dgn



FOR INFORMATION ONLY

USER NAME =	JuanS
DESIGNED -	
DRAWN -	
PLLOT SCALE =	20.0000' / in.
CHECKED -	
PLLOT DATE =	10/26/2020
DATE -	

DESIGNED -	
DRAWN -	
CHECKED -	
DATE -	

REVISED -	
REVISED -	
REVISED -	
REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OAK PARK AVENUE
 CROSS SECTIONS

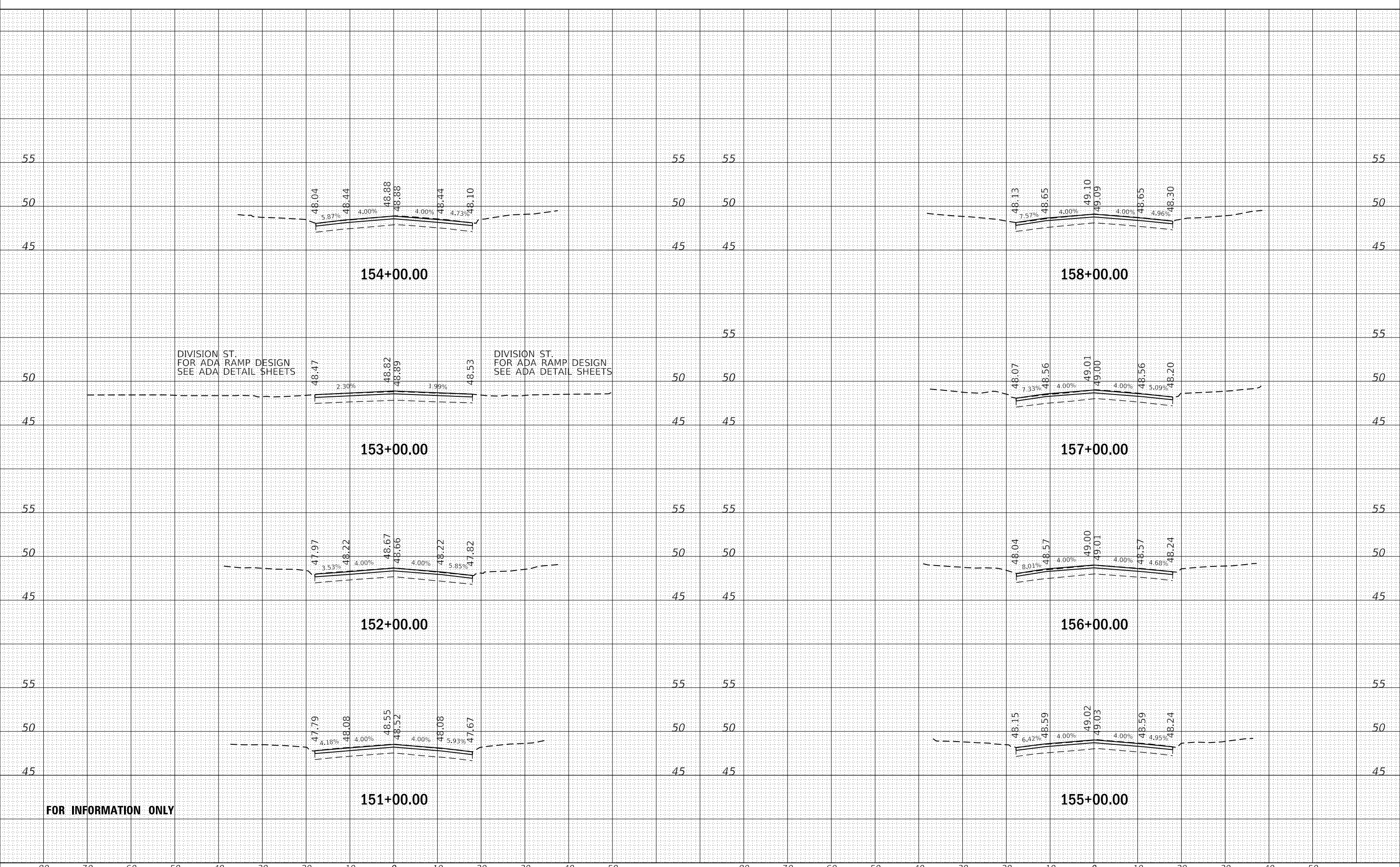
SCALE: H=10' V=5' SHEET 5 OF 10 SHEETS STA. 143+00.00 TO STA. 150+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	158
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE

MODEL: 151-00_158+00
 FILE NAME: 19-00265-00-RS-263-Oak Park Ave Corridor Utility and Streetcaper/Design/CADD/Sheet/19-263-OakParkAve_01_XSEC3.dgn



FOR INFORMATION ONLY

USER NAME = JuanS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: H=10' V=5'	SHEET 6	OF 10	SHEETS	STA. 151+00.00	TO STA. 158+00.00
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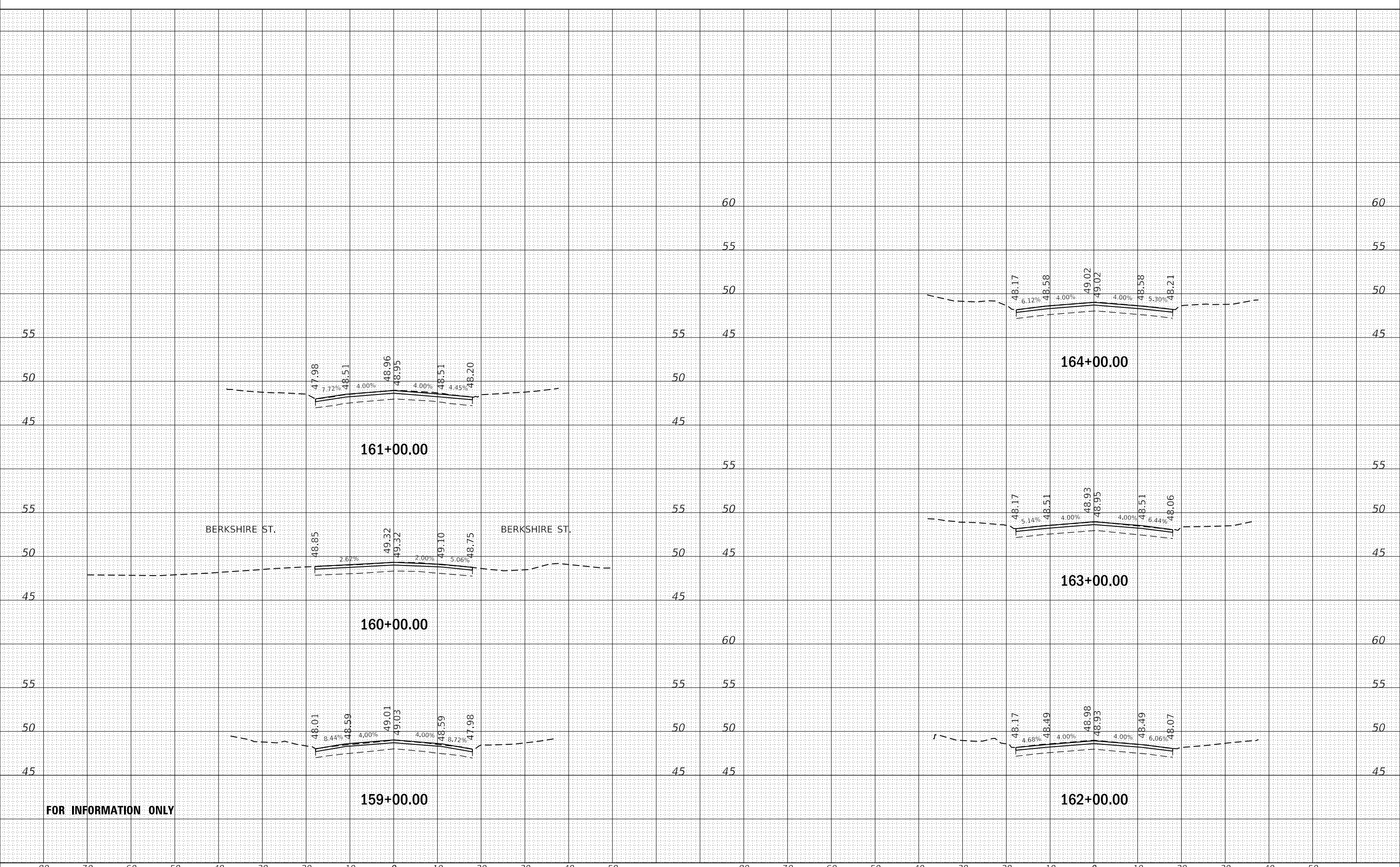
**OAK PARK AVENUE
 CROSS SECTIONS**

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 159
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: 159-002_164-00
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USER NAME = JuanS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/26/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

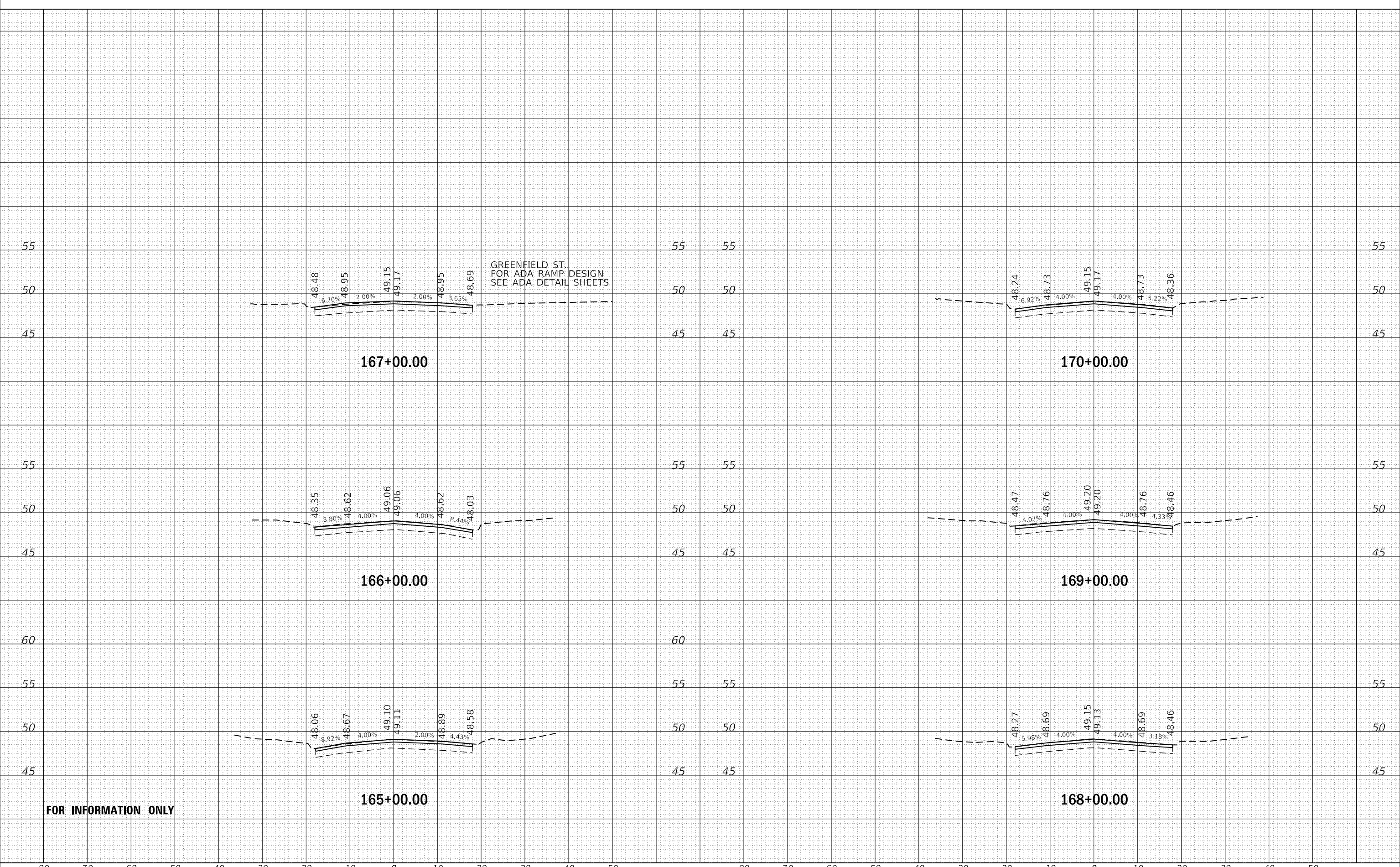
OAK PARK AVENUE CROSS SECTIONS	
SCALE: H=10' V=5'	SHEET 7 OF 10 SHEETS
STA. 159+00.00	TO STA. 164+00.00

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 160
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: 165-00_170-00
 FILE NAME: R:\2019\19-263 Oak Park Ave Corridor Utility and Streetcap\Design\CADD\Transportation\CADD Sheets\19-263-OakParkAve_cvt_XSEC3-0.dgn



FOR INFORMATION ONLY

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
 CROSS SECTIONS**

USER NAME = JuanS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/26/2020	DATE -	REVISED -

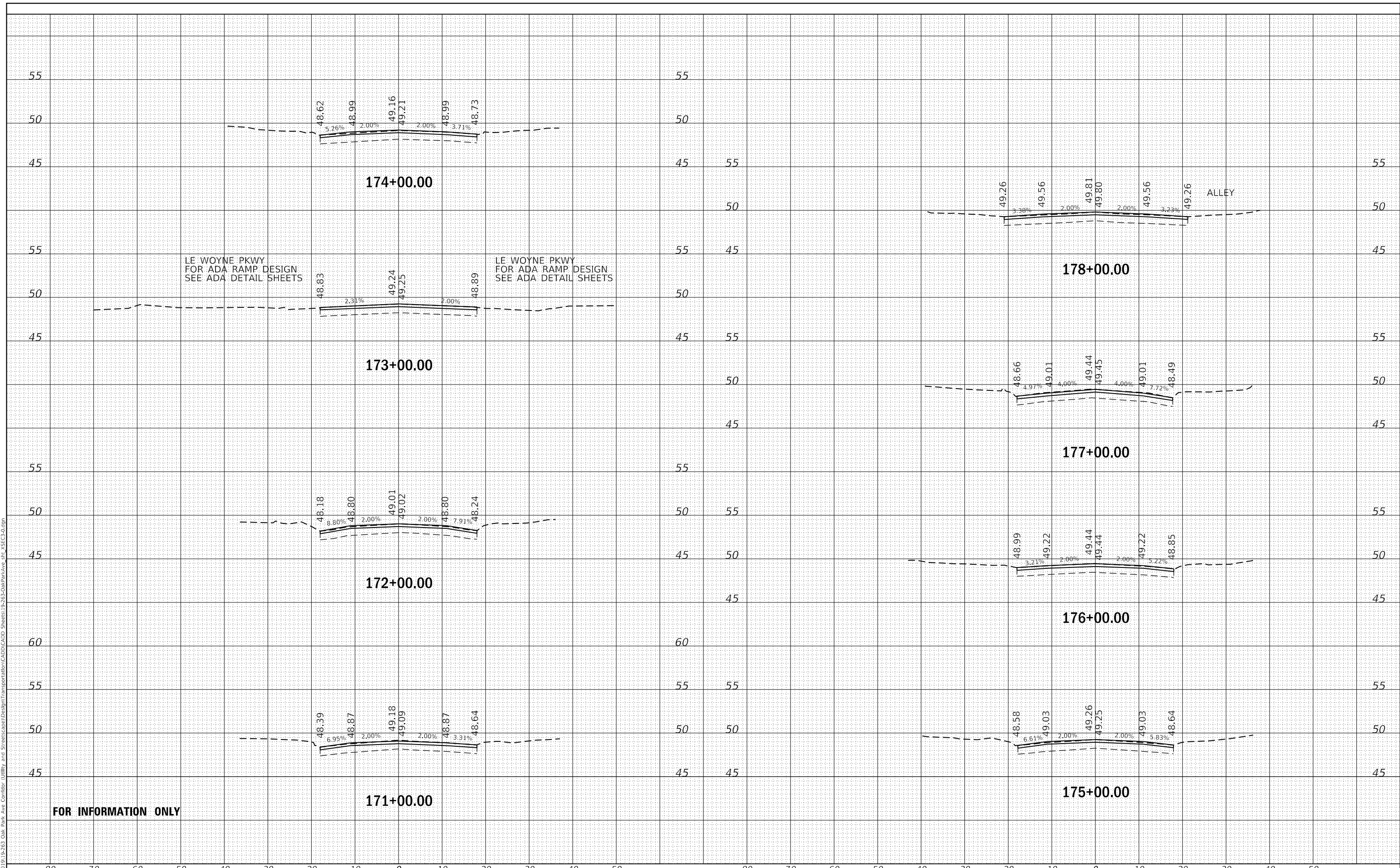
SCALE: H=10' V=5' SHEET 8 OF 10 SHEETS STA. 165+00.00 TO STA. 170+00.00

F.A.U. RTE. 2775	SECTION 19-00265-00-RS	COUNTY COOK	TOTAL SHEETS 163	SHEET NO. 161
CONTRACT NO. 61G68				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: 171-00_178-00
FILE NAME: 19-0019-263 Oak Park Ave Corridor Utility and Streetcaper(Desktop)TransportationCAD\CADD Sheets\19-263-00\Paper\cass_19-263-00.dwg



FOR INFORMATION ONLY

USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OAK PARK AVENUE
CROSS SECTIONS**

SCALE: H=10' V=5' SHEET 9 OF 10 SHEETS STA. 171+00.00 TO STA. 178+00.00

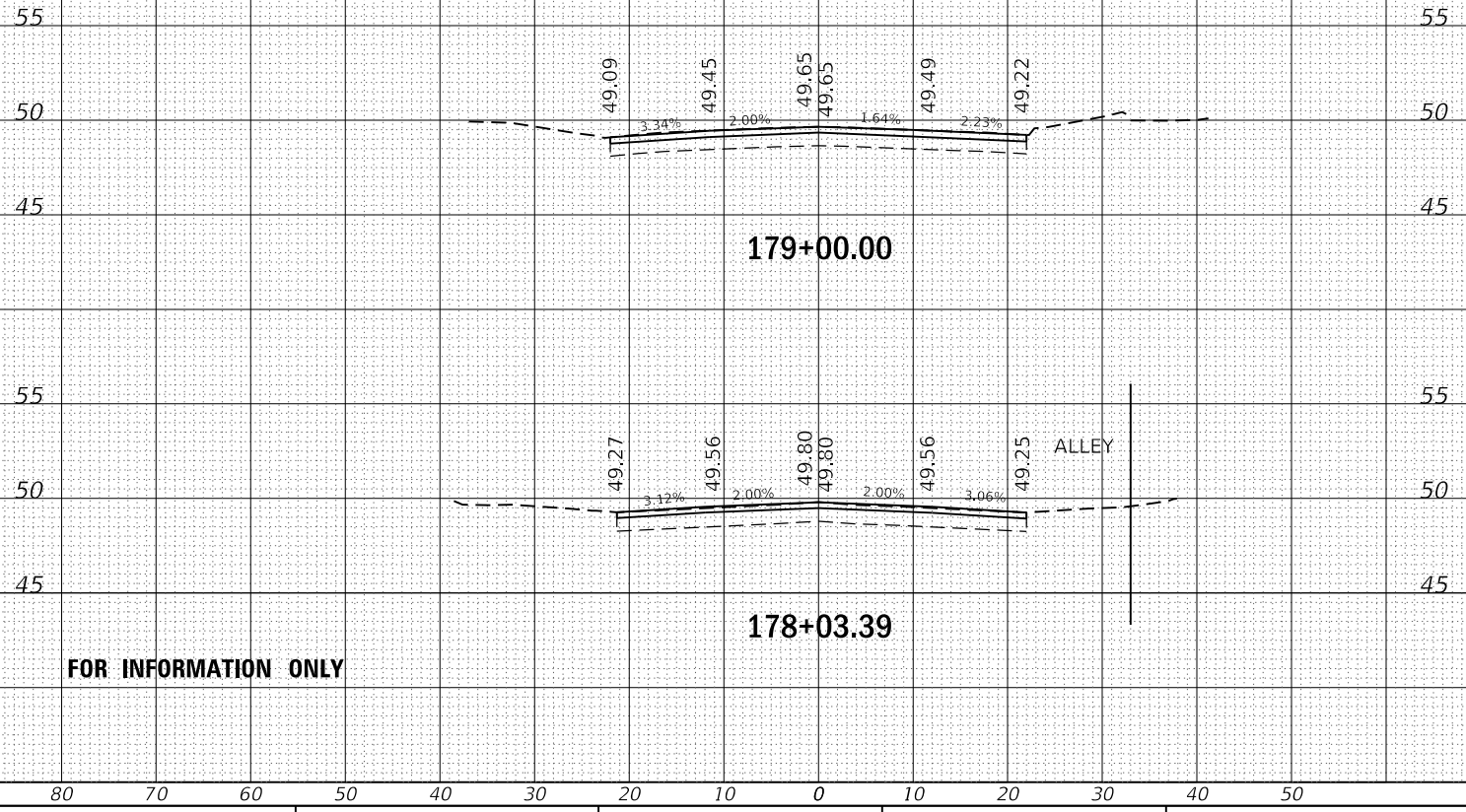
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	162
CONTRACT NO.61G68				

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: 178-03-39_179-00
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FOR INFORMATION ONLY

USER NAME = JuanS	DESIGNED -	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/26/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
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SCALE: H=10' V=5' SHEET 10 OF 10 SHEETS STA. 178+03.39 TO STA. 179+00.00

OAK PARK AVENUE
 CROSS SECTIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2775	19-00265-00-RS	COOK	163	163
CONTRACT NO.61G68				
ILLINOIS FED. AID PROJECT				