

MATCHLINE STA 118+00
SEE SHEET 300

MATCHLINE STA 124+00
SEE SHEET 302

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1807000_75th_Street_Resurfacing_Dupage County\07_Design_Information\07a_Computer_Files\Sheet_Files\Signing\01\DTF016718-sht-dgn-04.dgn



2IM Group, LLC
118 South Clinton St.
Suite 350
Chicago, IL 60661

USER NAME = jorger	DESIGNED - JG	REVISED -
	DRAWN - JG	REVISED -
PLOT SCALE = 40.00' / in.	CHECKED - AMB	REVISED -
PLOT DATE = 1/10/2020	DATE - 1/10/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN
75TH STREET**

SCALE: 1"=20' SHEET 4 OF 14 SHEETS STA. 118+00 TO STA. 124+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	301
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

SIGN-04



Fairview Ave
NEXT SIGNAL

STA 126+41.7
7.57' RT

ONE WAY
→
R6-2
STA 124+64.1
8.28' RT

←
ONE WAY
R6-2
STA 125+07.9
7.34' LT

STOP
R1-1
STA 125+45.4
5.21' RT

ONLY
↪
R3-5L
STA 125+90.3
8.04' RT

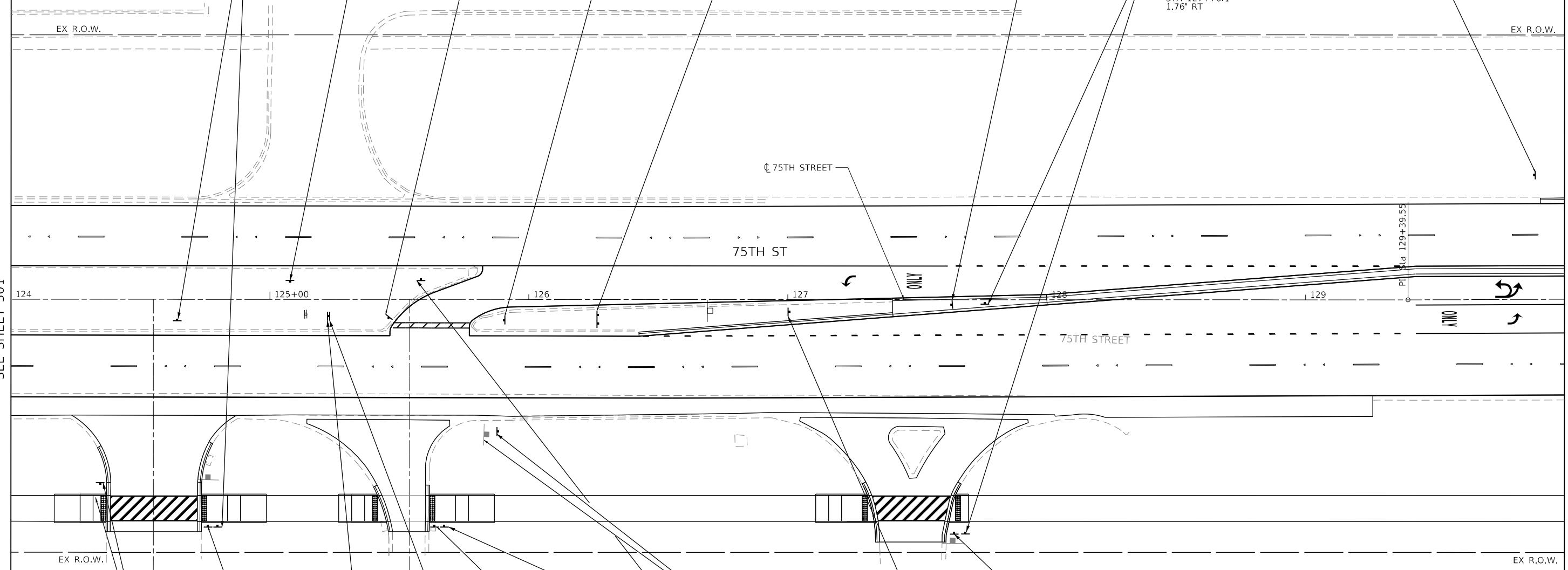
ONLY
↪
R3-5L
STA 127+63.1
2.02' LT

ONE WAY
→
R6-2
STA 127+76.1
1.76' RT

SPEED LIMIT
45
R2-1
STA 129+88.5
48.11' LT

MATCHLINE STA 124+00
SEE SHEET 301

MATCHLINE STA 130+00
SEE SHEET 303



NO DELIVERIES
BETWEEN
THE HOURS
OF 10 PM
& 6 AM
EXISTING SIGN TO BE
REMOVED, STORED,
AND RETURNED TO
THE PROPERTY OWNER

STOP
ONLY
↪

R3-2
STA 125+22.7
6.46' RT

DO NOT ENTER

R5-1
STA 125+22.7
6.46' RT

STOP
ONLY
↪

R1-1
R3-5R
STA 125+64.6
87.9' RT

ONE WAY
→

RELOCATE SIGN FROM
STA 125+84.52.1' RT
TO STA 125+87.7, 50.92' RT

PARK &
RIDE

ONLY
↪

R3-8
STA 127+00.0
3.00' RT

STOP
ONLY
↪

R1-1
R3-5R
STA 127+64.1
89.60' RT



USER NAME = jorger
DESIGNED - JG
DRAWN - JG
PLOT SCALE = 40.00' / in.
PLOT DATE = 1/10/2020

REVISOR - JG
REVISOR - JG
CHECKED - AMB
DATE - 1/10/2020

REVISOR - JG
REVISOR - JG
REVISOR - JG
REVISOR - JG

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

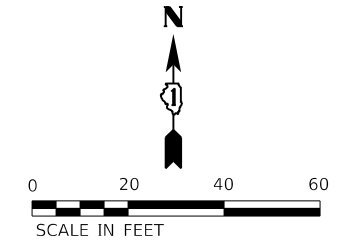
EXISTING AND PROPOSED SIGNING PLAN
75TH STREET

SCALE: 1"=20' SHEET 5 OF 14 SHEETS STA. 124+00 TO STA. 130+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	302
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

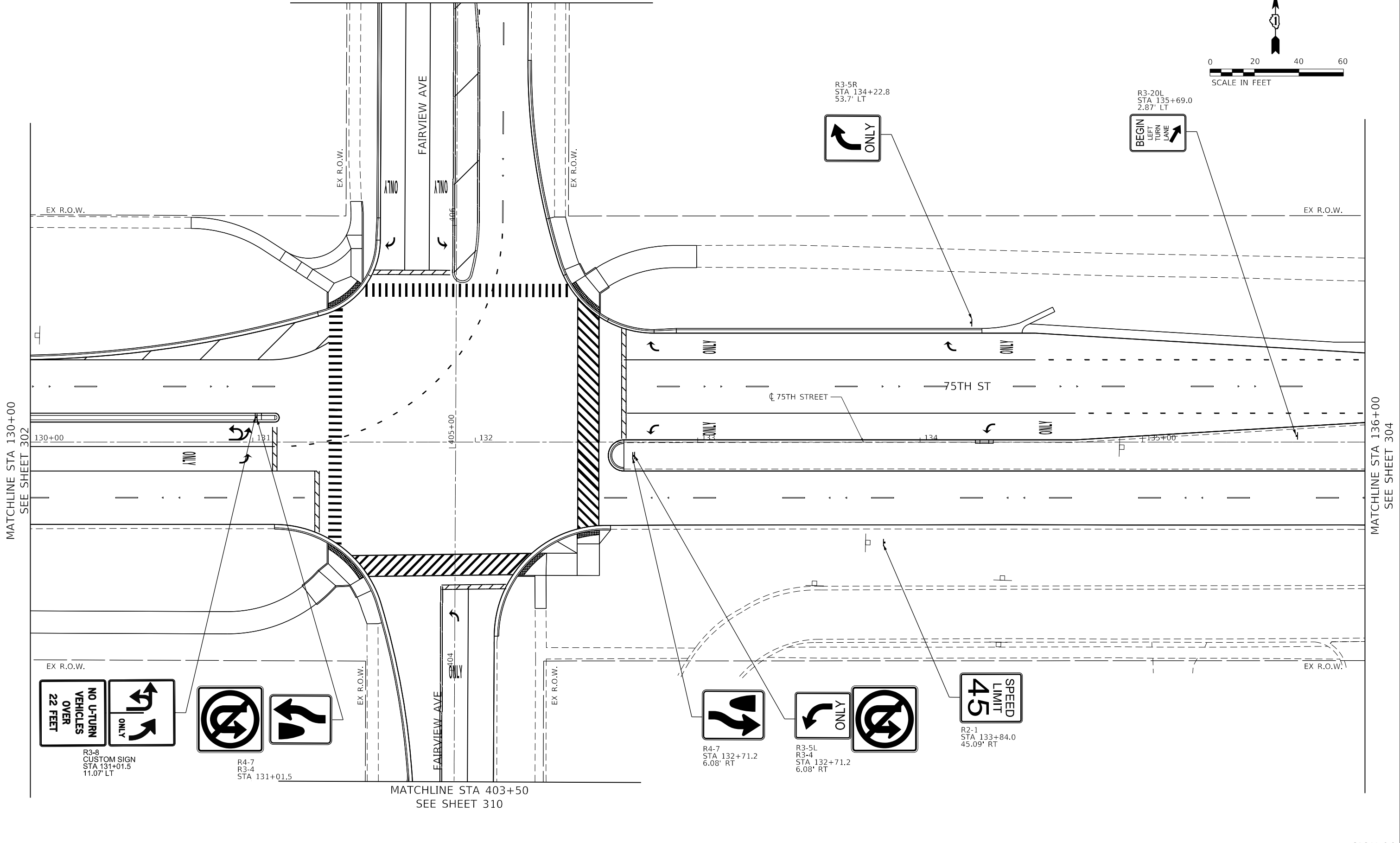
SIGN-05

MATCHLINE STA 407+00
SEE SHEET 310



MATCHLINE STA 130+00
SEE SHEET 302

MATCHLINE STA 136+00
SEE SHEET 304



R3-5R
STA 134+22.8
53.7' LT



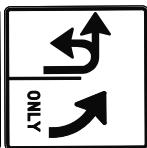
R3-20L
STA 135+69.0
2.87' LT



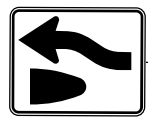
EX R.O.W.



R3-8
CUSTOM SIGN
STA 131+01.5
11.07' LT

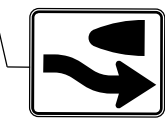


R4-7
R3-4
STA 131+01.5

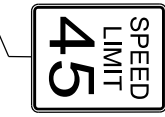
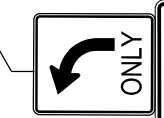


MATCHLINE STA 403+50
SEE SHEET 310

R4-7
STA 132+71.2
6.08' RT



R3-5L
R3-4
STA 132+71.2
6.08' RT



R2-1
STA 133+84.0
45.09' RT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED SIGNING PLAN
75TH STREET

SCALE: 1"=20' SHEET 6 OF 14 SHEETS STA. 130+00 TO STA. 136+00

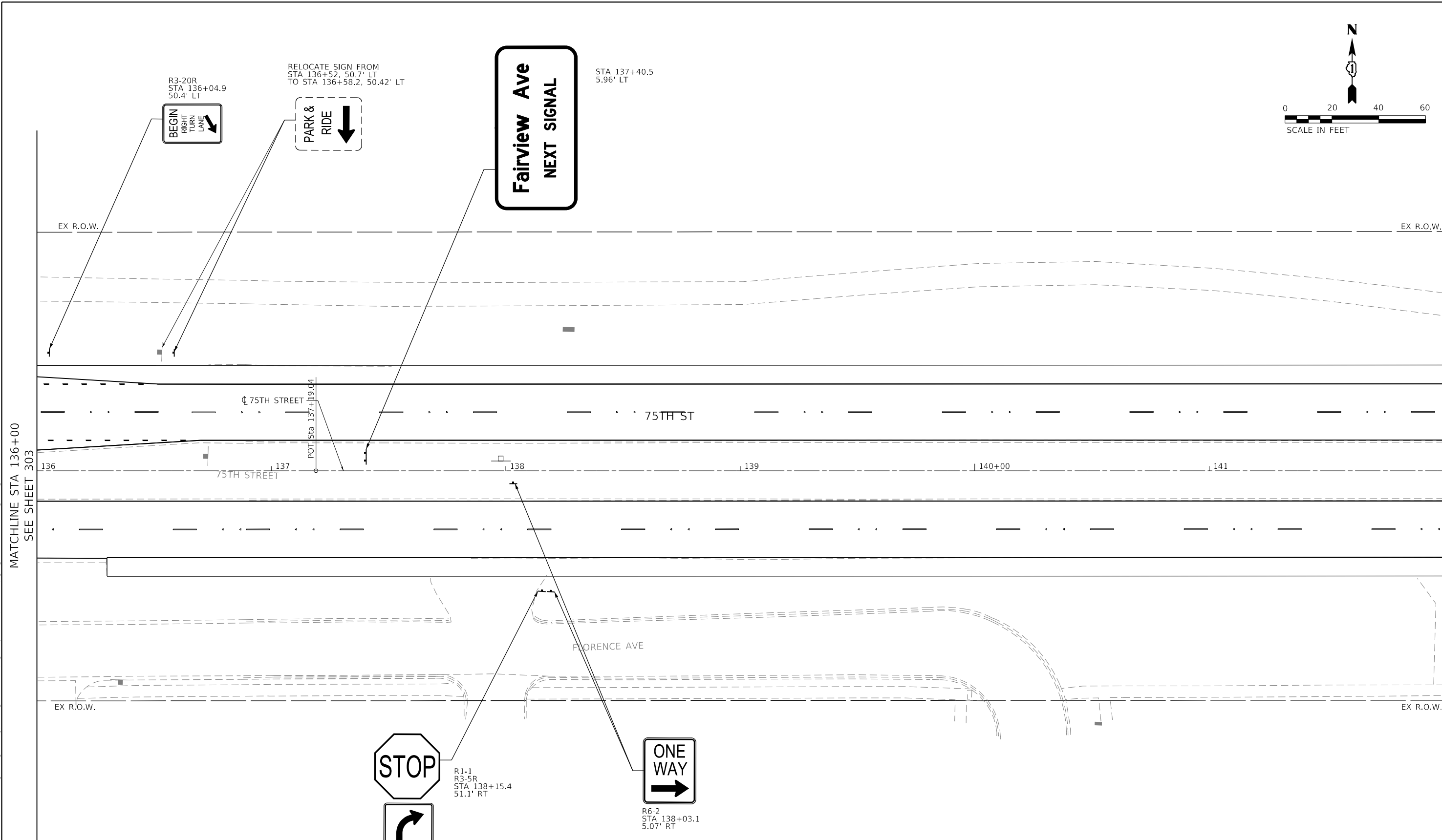
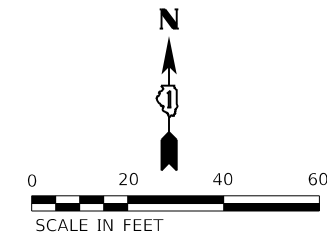
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	303
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

SIGN-06

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1807000_75th_Street_Resurfacing_DuPage_County\07_Design_Information\079_Computer_Files\Sheet_Files\Signing\01\DTF016718-sht-dgn-06.dgn



USER NAME = amaliab	DESIGNED - JG	REVISED -
DRAWN - JG	REVISED -	
PLOT SCALE = 40.00' / in.	CHECKED - AMB	REVISED -
PLOT DATE = 1/22/2020	DATE - 1/22/2020	REVISED -



MATCHLINE STA 136+00
SEE SHEET 303

MATCHLINE STA 142+00
SEE SHEET 305

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1807000_75th_Street_Resurfacing_Dupage County\07_Design_Information\07a_Computer Files\Sheet Files\Signing\1807000_75th_Street_Resurfacing.dwg



USER NAME = jorger	DESIGNED - JG	REVISED -
	DRAWN - JG	REVISED -
PLOT SCALE = 40.00' / in.	CHECKED - AMB	REVISED -
PLOT DATE = 1/10/2020	DATE - 1/10/2020	REVISED -

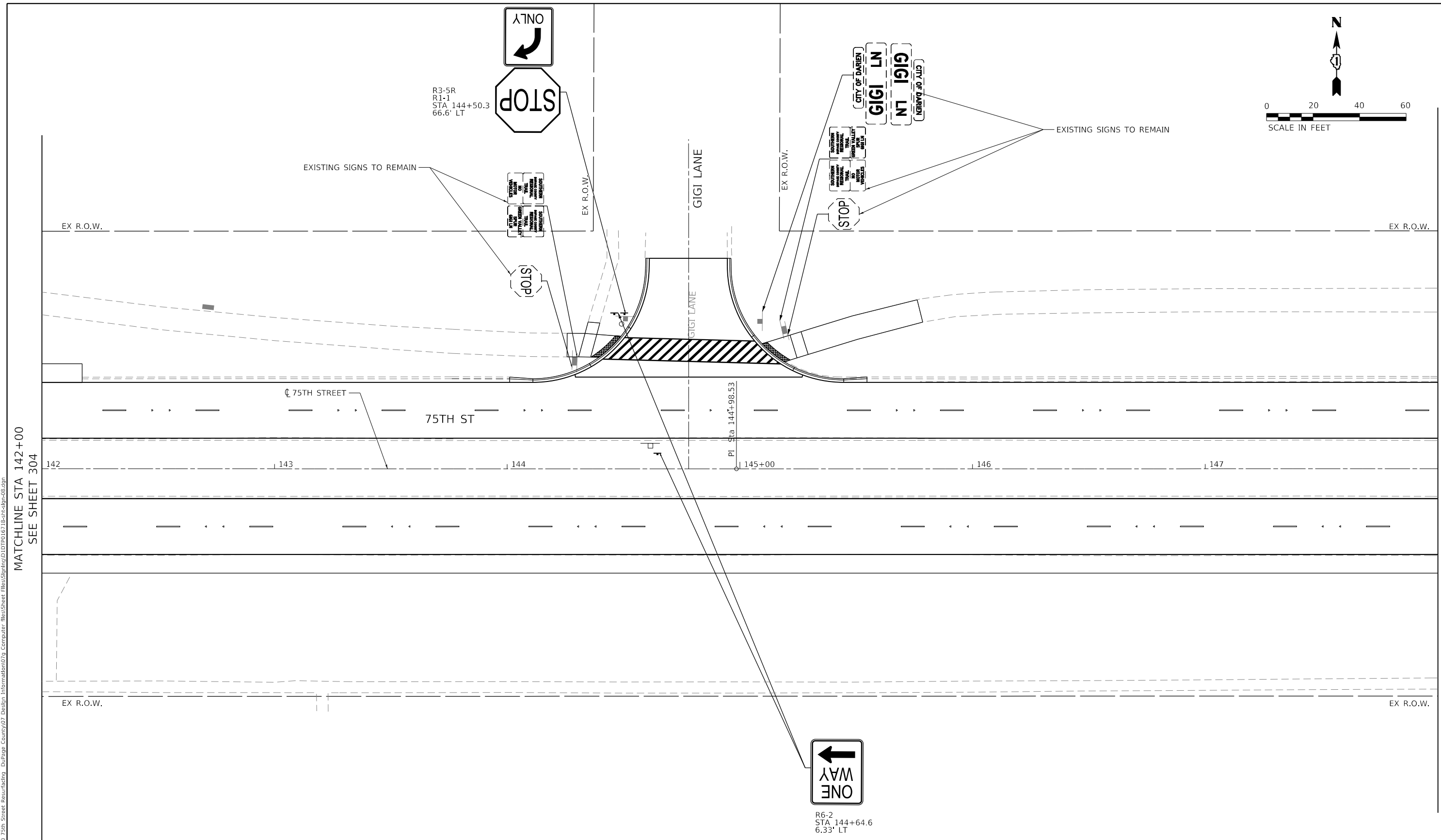
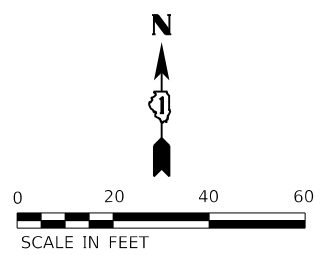
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN
75TH STREET**

SCALE: 1"=20' SHEET 7 OF 14 SHEETS STA. 136+00 TO STA. 142+00

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 304
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

SIGN-07



MATCHLINE STA 142+00
SEE SHEET 304

MATCHLINE STA 148+00
SEE SHEET 306

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1807000_75th_Street_Resurfacing_Dupage County\07_Design_Information\07a_Computer_Files\Sheet_Files\Signing\01\DT016718-sht-dgn-08.dgn



USER NAME = jorger	DESIGNED - JG	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - JG	REVISED -
PLOT DATE = 1/10/2020	CHECKED - AMB	REVISED -
	DATE - 1/10/2020	REVISED -

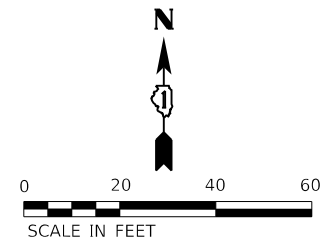
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN
75TH STREET**

SCALE: 1"=20' SHEET 8 OF 14 SHEETS STA. 142+00 TO STA. 148+00

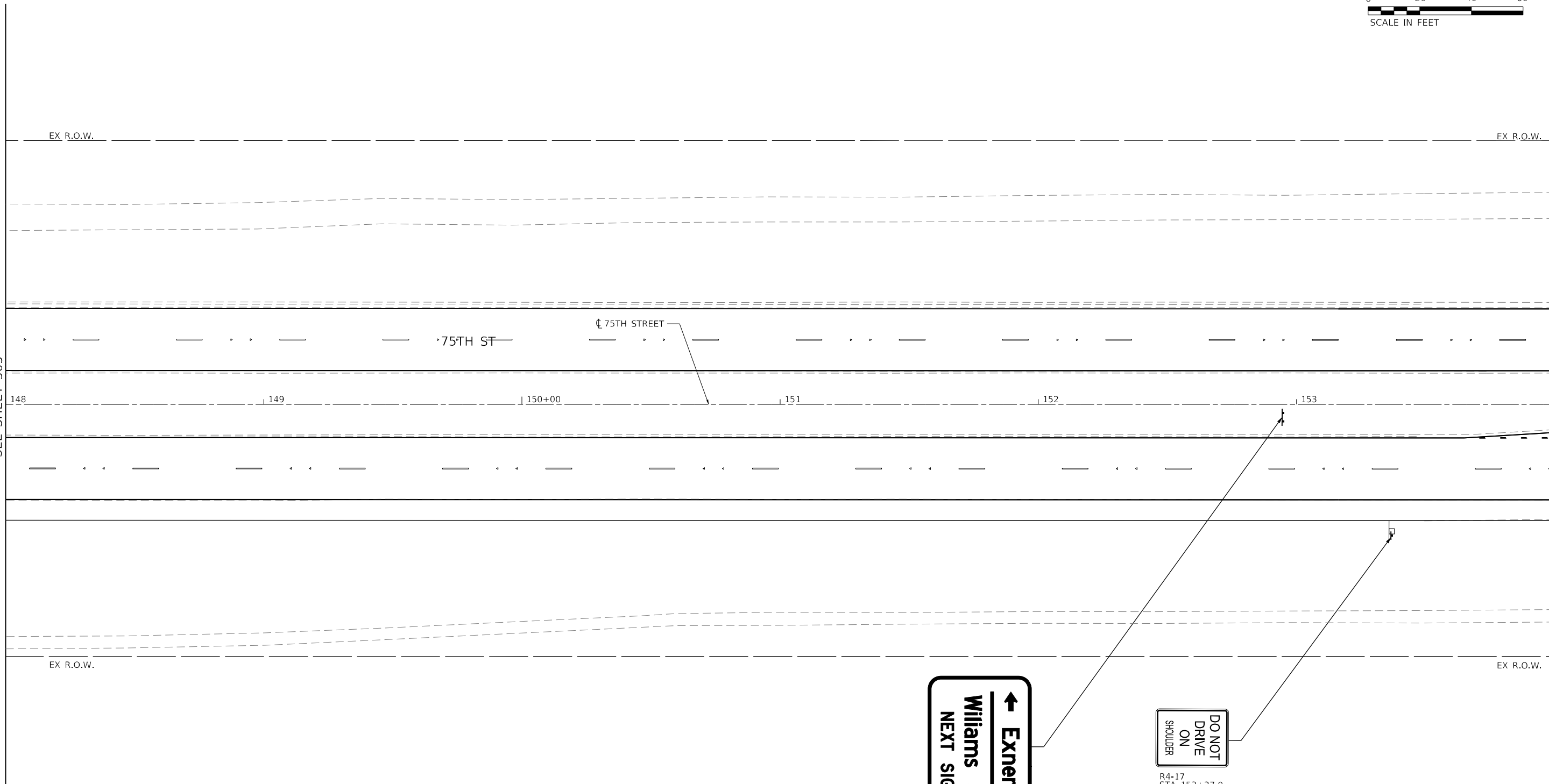
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	305
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

SIGN-08



MATCHLINE STA 148+00
SEE SHEET 305

MATCHLINE STA 154+00
SEE SHEET 307



← Exner Rd
Williams St →
NEXT SIGNAL

DO NOT
DRIVE
ON
SHOULDER

STA 152+94.4
5.00' RT

R4-17
STA 153+37.0
50.82' RT

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1807000_75th_Street_Resurfacing_Dupage County\07_Design_Information\07a_Computer_Files\Sheet_Files\Signing\01.DTP\016718-sht-dgn-09.dgn



USER NAME = jorger	DESIGNED - JG	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - JG	REVISED -
PLOT DATE = 1/10/2020	CHECKED - AMB	REVISED -
	DATE - 1/10/2020	REVISED -

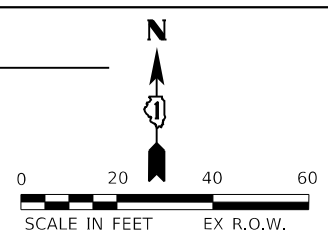
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED SIGNING PLAN
75TH STREET

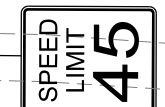
SCALE: 1"=20' SHEET 9 OF 14 SHEETS STA. 148+00 TO STA. 154+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	306
CONTRACT NO. 61G18			SIGN-09	
ILLINOIS		FED. AID PROJECT		

MATCHLINE STA 506+00
SEE SHEET 311



R4-7
STA 159+16.9
10.3' RT



R2-1
STA 156+44.7
51.91' LT

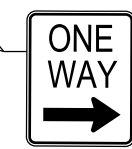


R3-5L
STA 154+65.1
1.97' RT

75TH ST

75TH STREET

WILLIAMS ST



R6-2R
STA 154+94.0
0.65' RT



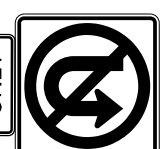
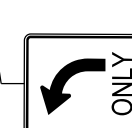
R3-5L
STA 157+80.9
9.97' LT



R3-4
R4-7
STA 157+81.3
9.9' LT



RELOCATE SIGNS FROM
STA 503+70, 17.8' LT
TO STA 503+34.9, 22.74' LT



R3-5R
R3-4
STA 159+16.9
10.3' RT

MATCHLINE STA 154+00
SEE SHEET 306

MATCHLINE STA 160+00
SEE SHEET 308

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\ACTIVE\1807000_75th_Street_Resurfacing_Dupage_County\07_Design_Information\07a_Computer_Files\Sheet_Files\Signing\10.DWG



USER NAME = jorger	DESIGNED - JG	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - JG	REVISED -
PLOT DATE = 1/10/2020	CHECKED - AMB	REVISED -
	DATE - 1/10/2020	REVISED -

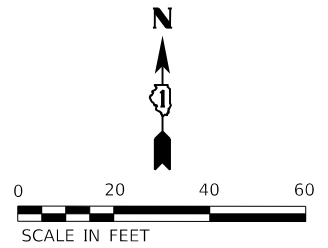
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED SIGNING PLAN
75TH STREET

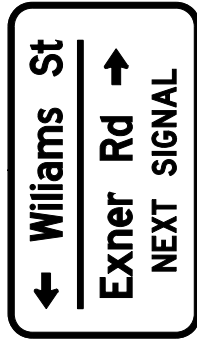
SCALE: 1"=20' SHEET 10 OF 14 SHEETS STA. 154+00 TO STA. 160+00

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 307
CONTRACT NO. 61G18			ILLINOIS FED. AID PROJECT	

SIGN-10



STA 163+61.1
5.74' LT



IMPROVEMENT ENDS
STA. 162+94.30

R3-5L
STA 161+94.7
0.41' LT

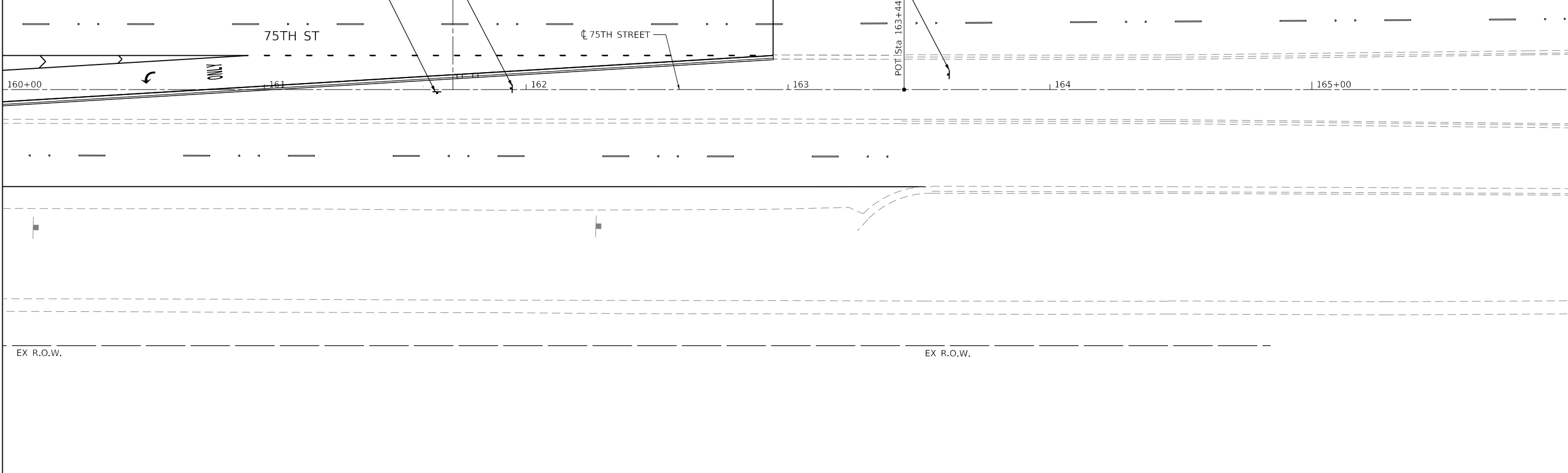


R6-2R
STA 161+66.0
0.86' RT



EX R.O.W.

EX R.O.W.



MATCHLINE STA 160+00
SEE SHEET 307

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1607000 75th Street Resurfacing - Dupage County\07 Design Information\07 Computer Files\Sheet Files\Signing\1616718-sht-11.dgn



USER NAME = jorger	DESIGNED - JG	REVISED -
DRAWN - JG	REVISIONS -	
PLOT SCALE = 40.00' / in.	CHECKED - AMB	REVISED -
PLOT DATE = 1/10/2020	DATE - 1/10/2020	REVISED -

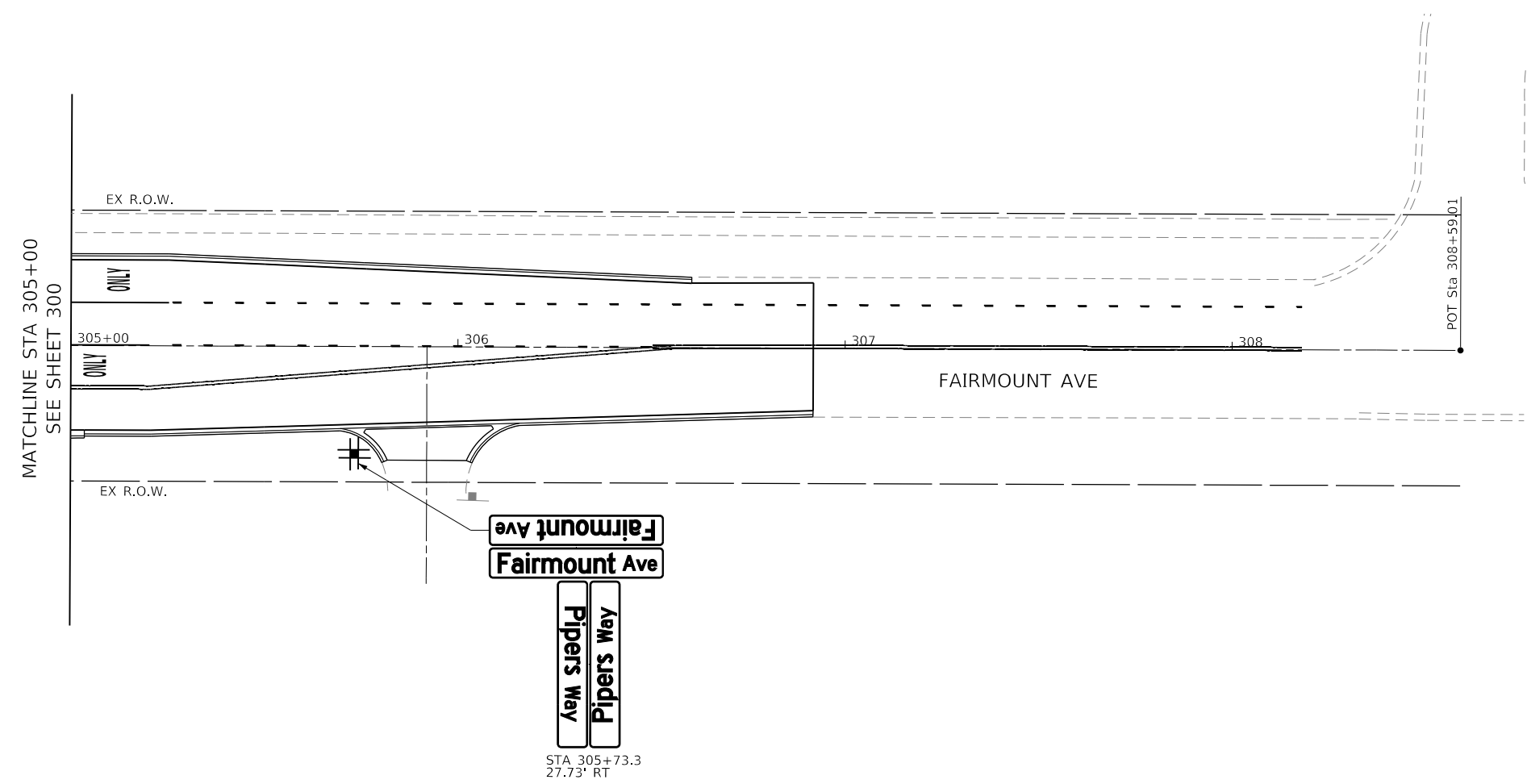
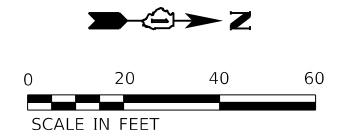
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED SIGNING PLAN
75TH STREET

SCALE: 1"=20' SHEET 11 OF 14 SHEETS STA. 160+00 TO STA. 163+00

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 308
				CONTRACT NO. 61G18
		ILLINOIS FED. AID PROJECT		

SIGN-11



MODEL: Default
 FILE NAME: \\CURRENT PROJECTS\active\1807000_75th_Street_Resurfacing_Dupage County\07_Design_Information\07a_Computer_files\Sheet_files\Signplan\01DTP016718-sht-adjn-12.dgn



USER NAME = jorger	DESIGNED - JG	REVISED -
	DRAWN - JG	REVISED -
PLOT SCALE = 40.00' / in.	CHECKED - AMB	REVISED -
PLOT DATE = 1/10/2020	DATE - 1/10/2020	REVISED -

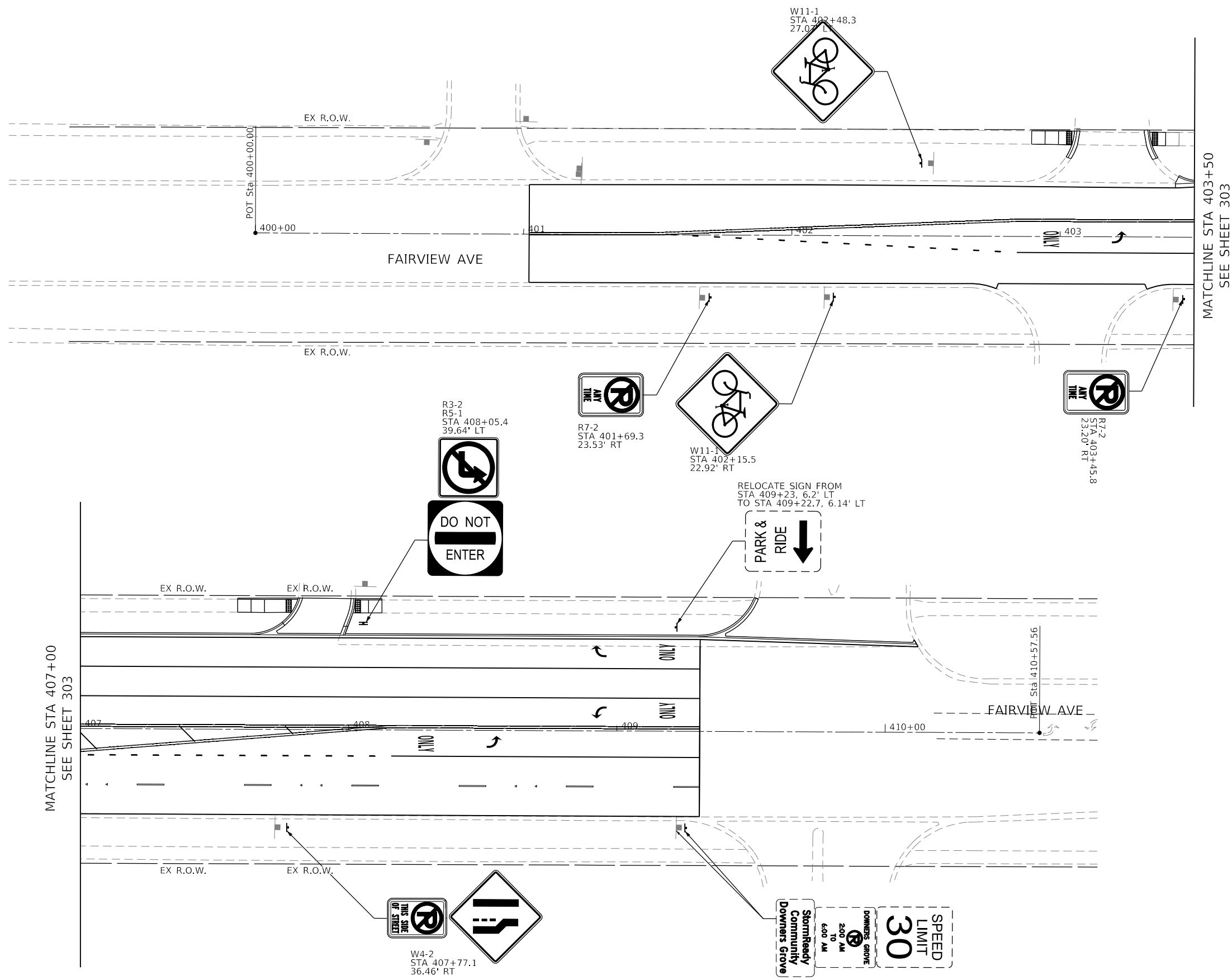
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED SIGNING PLAN
FAIRMOUNT AVE.

SCALE: 1"=20' SHEET 12 OF 14 SHEETS STA. 305+00 TO STA. 307+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	309
CONTRACT NO. 61G18				
		ILLINOIS	FED. AID PROJECT	

SIGN-12



MODEL: Default
 FILE NAME: \\CURRENT PROJECTS\active\1807\000 75th Street Resurfacing - Dupage County\07 Design Information\07 Computer Files\Sheet Files\Signing\01.DTP\016718-sht-dgn-13.dgn



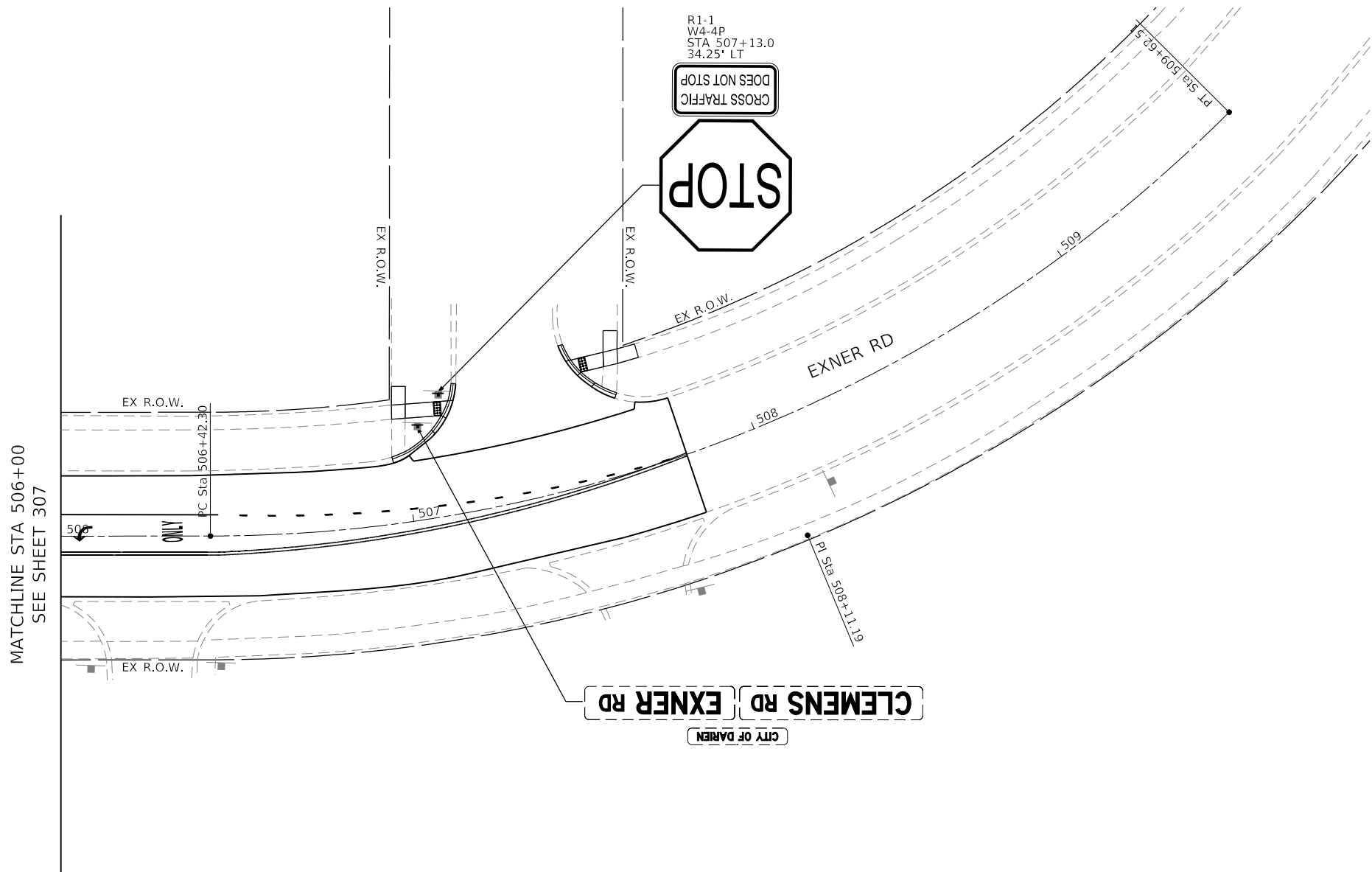
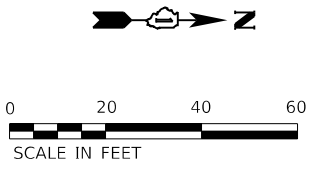
USER NAME = jorger	DESIGNED - JG	REVISED -
	DRAWN - JG	REVISED -
PLOT SCALE = 40.00' / in.	CHECKED - AMB	REVISED -
PLOT DATE = 1/10/2020	DATE - 1/10/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN
FAIRVIEW AVE.**

SCALE: 1"=20' SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	310
CONTRACT NO. 61G18			SIGN-13	
ILLINOIS		FED. AID PROJECT		



MATCHLINE STA 506+00
SEE SHEET 307

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1807000 75th Street Resurfacing - DuPage County\07 Design Information\07 Computer Files\Sheet Files\Signing\1807000 75th-chn-dgn-14.dgn



USER NAME = jorger	DESIGNED - JG	REVISED -
	DRAWN - JG	REVISED -
PLOT SCALE = 40.00' / in.	CHECKED - AMB	REVISED -
PLOT DATE = 1/10/2020	DATE - 1/10/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

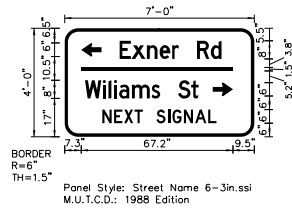
**EXISTING AND PROPOSED SIGNING PLAN
EXNER RD**

SCALE: 1"=20' SHEET 14 OF 14 SHEETS STA. 506+00 TO STA. 509+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	311
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G18	

SIGN-14

SIGN DETAIL
1:50



Panel Style: Street Name 6-3in.ssi
Dimensions are in Inches,tenths

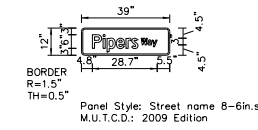
Letter locations are paneledge to lower left corner

SIGN NUMBER	name
WIDTH x HGHT.	7'-0" x 4'-0"
BORDER WIDTH	1.5"
CORNER RADIUS	6"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
ARUP	90	7.3	35.5	6	9
ARUP	270	65.6	18	6	9

LETTER POSITIONS (X)												LENGTH	SERIESIZE
E	x	n	e	r		R	d					45.2	D 2000 8/6
24.3	29.6	36.4	42	47.6	50.6	58.6	64.7						
W	i	l	i	a	m	s		S	t			50.2	D 2000 8/6
9.1	17	19.4	21.9	24.1	29.8	38.5	42.3	50.3	56.1				
N	E	X	T		S	I	G	N	A	L		50.5	D 6
16.7	21.8	26.3	31	34.6	40.6	45.7	47.7	52.8	57.7	63.6			

SIGN DETAIL
1:50



Panel Style: Street name 8-6in.ssi
Dimensions are in Inches,tenths

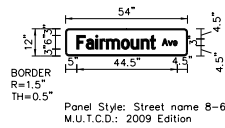
Letter locations are paneledge to lower left corner

SIGN NUMBER	D3-1a
WIDTH x HGHT.	3'-3" x 1'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)												LENGTH	SERIESIZE
W	a	y										7.1	D 2000 3/2.3
26.4	29.3	31.2											
P	i	p	e	r	s							20.2	D 2000 6/4.5
4.8	9.5	11.3	15.5	19.6	22.2								

SIGN DETAIL
1:50



Panel Style: Street name 8-6in.ssi
Dimensions are in Inches,tenths

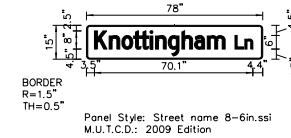
Letter locations are paneledge to lower left corner

SIGN NUMBER	D3-1a
WIDTH x HGHT.	4'-6" x 1'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)												LENGTH	SERIESIZE
A	v	e										6.7	D 2000 3/2.3
42.7	45.4	47.7											
F	a	i	r	m	o	u	n	t				34.8	D 2000 6/4.5
5	9.1	13.4	15.2	18	24.7	29	33.4	37.4					

SIGN DETAIL
1:50



Panel Style: Street name 8-6in.ssi
Dimensions are in Inches,tenths

Letter locations are paneledge to lower left corner

SIGN NUMBER	D3-1a
WIDTH x HGHT.	6'-6" x 1'-3"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)												LENGTH	SERIESIZE
K	n	o	t	t	i	n	g	h	a	m		57.9	D 2000 8/6
3.5	10	15.6	20.9	24.2	28.1	30.6	36.2	42.2	47.8	53.5			
L	n											7.9	D 2000 6/4.5
65.8	70.1												

MODEL: Default; FILE NAME: \\C:\CURRENT PROJECTS\ACTIVE\1807000_75th_Street_Repurf\75th_Street_Repurf.dwg; USER: jorger; SHEET: 0369



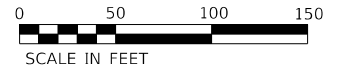
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DRAWN	- JG	REVISOR	-	REVISION	-
PLOT SCALE	= 100.00' / in.	CHECKED	- AMB	REVISOR	-
PLOT DATE	= 1/10/2020	DATE	- 1/10/2020	REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN DETAILS

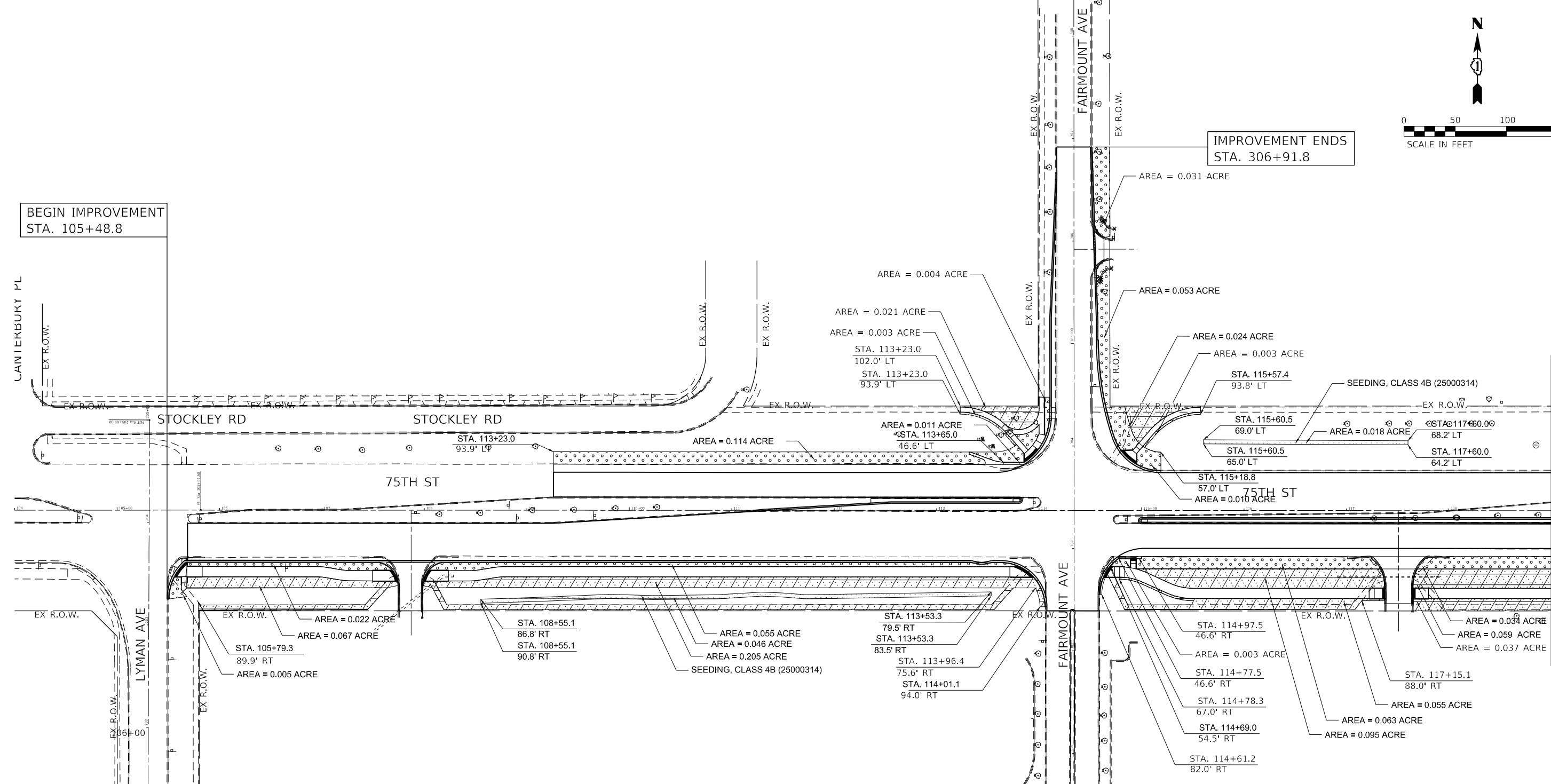
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	313
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		



IMPROVEMENT ENDS
STA. 306+91.8

BEGIN IMPROVEMENT
STA. 105+48.8



LANDSCAPING LEGEND:

SODDING, SALT TOLERANT (25200110)	
NITROGEN FERTILIZER NUTRIENT (25000400)	
POTASSIUM FERTILIZER NUTRIENT (25000600)	
SEEDING, CLASS 4A (MODIFIED) (X2502014)	
SEEDING, CLASS 5 (MODIFIED) (X2501820)	
EROSION CONTROL BLANKET (25100630)	
SEEDING, CLASS 4B (25000314)	
EROSION CONTROL BLANKET (25100630)	

MATCHLINE STA 119+00
SEE SHEET 316

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1807000_75th_Street_Resurfacing_DuPage_County\07_Design_Information\07_Computer_files\Sheet_files\landscaping\LD1190_6718-ldr-ldr-01.dgn



USER NAME = jorger	DESIGNED - SM	REVISED -
	DRAWN - JG	REVISED -
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PLOT DATE = 1/10/2020	DATE - 1/10/2020	REVISED -

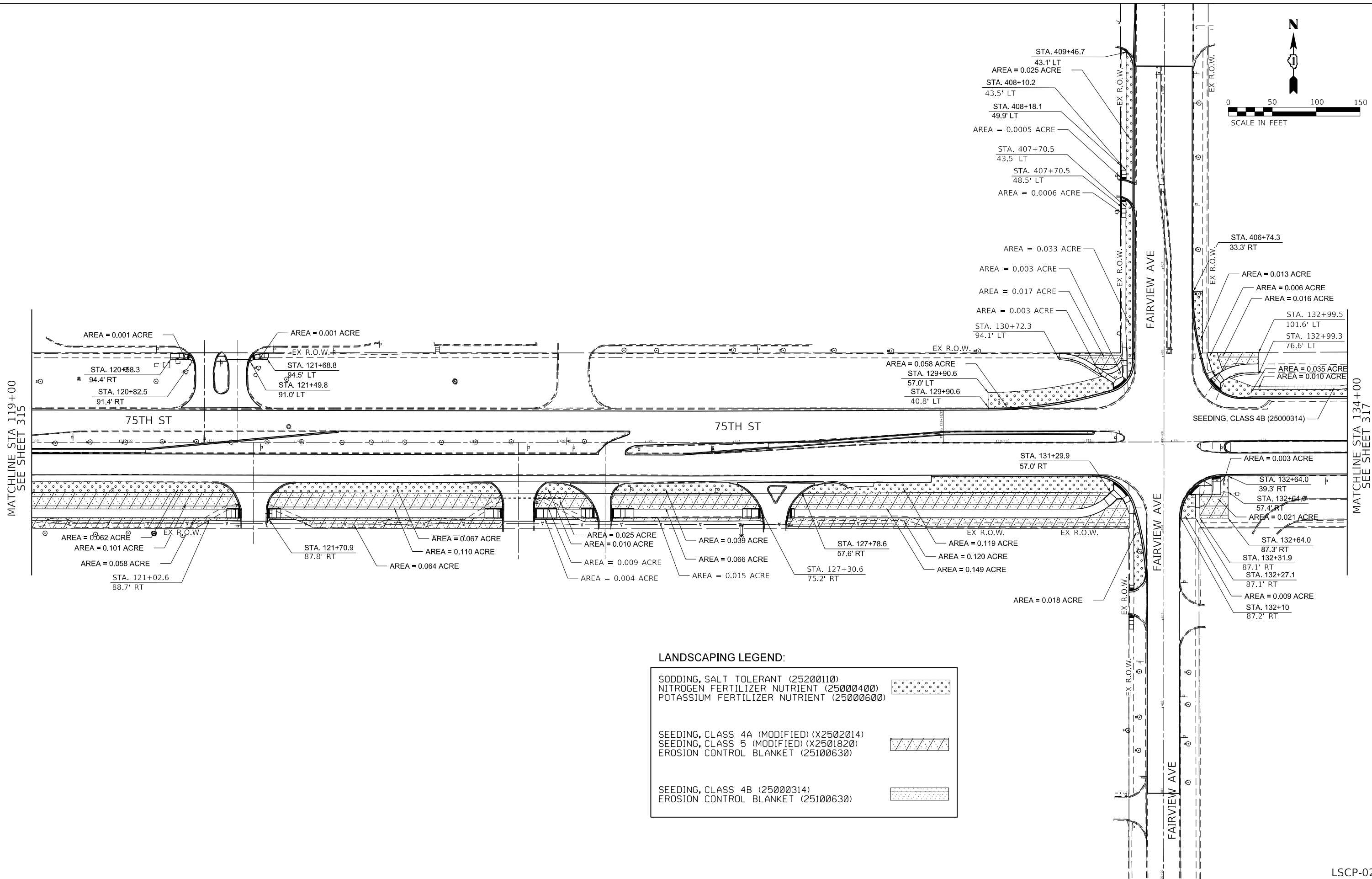
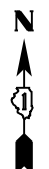
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
75TH STREET**

SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 104+00 TO STA. 119+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	315
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

LSCP-01



MATCHLINE STA 119+00
SEE SHEET 315

MATCHLINE STA 134+00
SEE SHEET 317

MODEL: Default
FILE NAME: I:\CURRENT PROJECTS\Active\1807000_75th_Street_Resurfacing_DuPage_County\07_Design_Information\07_DuPage_County\07_75th_Street_Resurfacing\DWG\1807000_75th_Street_Resurfacing.dwg
DATE: 1/10/2020



USER NAME = jorger	DESIGNED - SM	REVISED -
	DRAWN - JG	REVISED -
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PLOT DATE = 1/10/2020	DATE - 1/10/2020	REVISED -

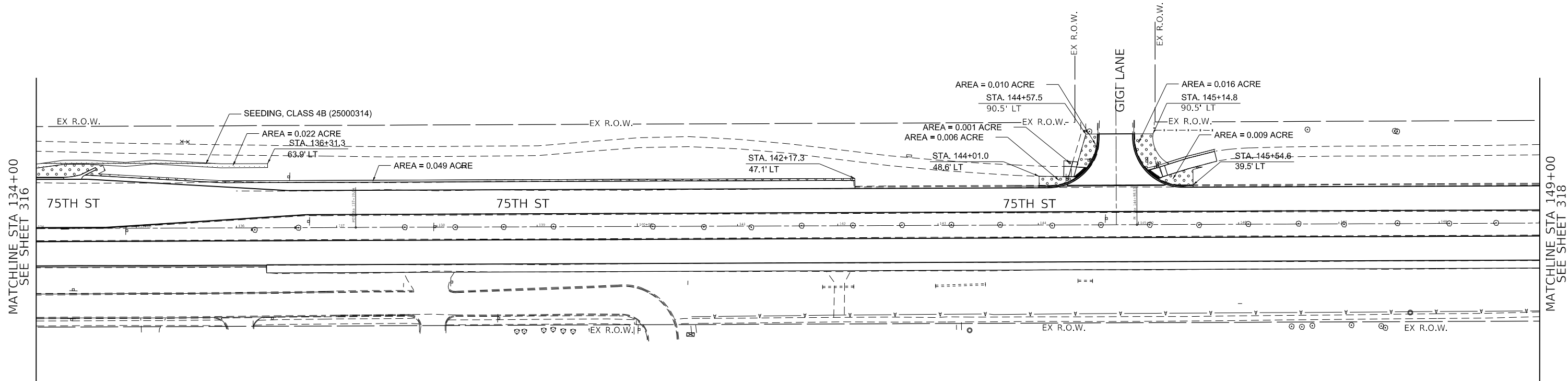
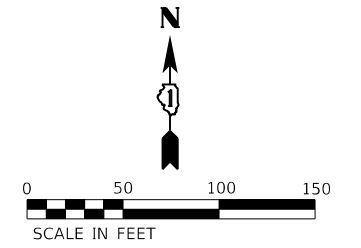
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
75TH STREET**

SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 119+00 TO STA. 134+00

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 316
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G18	

LSCP-02



MATCHLINE STA 134+00
SEE SHEET 316

MATCHLINE STA 149+00
SEE SHEET 318

106+00

LANDSCAPING LEGEND:

SODDING, SALT TOLERANT (25200110)	
NITROGEN FERTILIZER NUTRIENT (25000400)	
POTASSIUM FERTILIZER NUTRIENT (25000600)	
SEEDING, CLASS 4A (MODIFIED) (X2502014)	
SEEDING, CLASS 5 (MODIFIED) (X2501820)	
EROSION CONTROL BLANKET (25100630)	
SEEDING, CLASS 4B (25000314)	
EROSION CONTROL BLANKET (25100630)	

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1807000 75th Street Resurfacing Dupage County\07 Design Information\07 Computer Files\Sheet Files\landscaping\01\180700 75th Street Resurfacing Dupage County\03.dgn



USER NAME = jorger	DESIGNED - SM	REVISED -
PLOT SCALE = 100.00' / in.	DRAWN - JG	REVISED -
PLOT DATE = 1/10/2020	CHECKED - AMB	REVISED -
	DATE - 1/10/2020	REVISED -

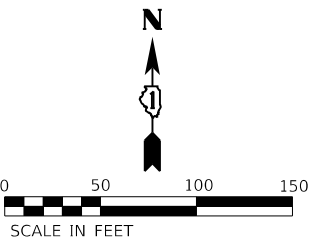
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
75TH STREET**

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 134+00 TO STA. 149+00

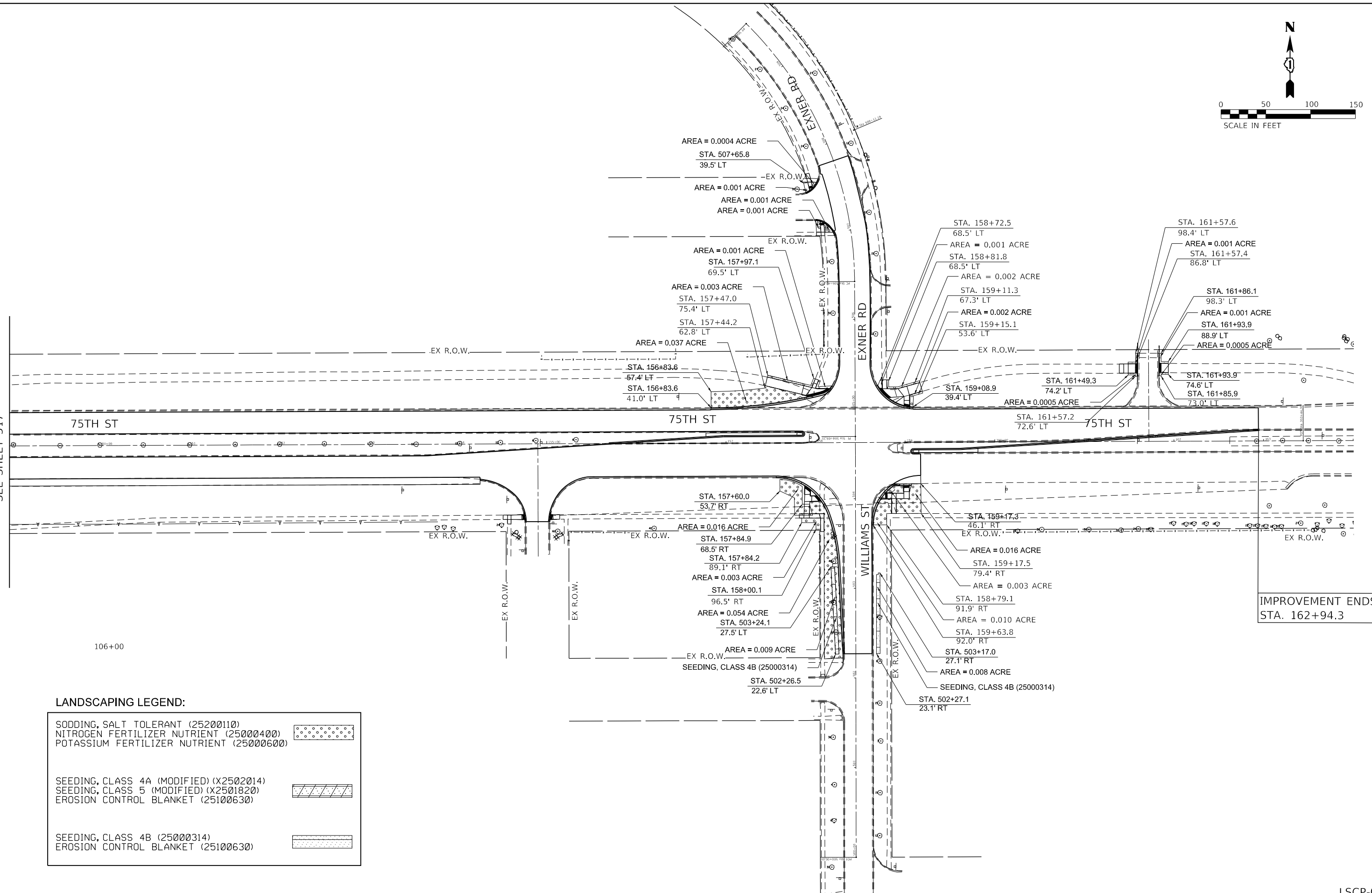
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 317
ILLINOIS FED. AID PROJECT				CONTRACT NO. 61G18

LSCP-03



MATCHLINE STA 149+00
SEE SHEET 317

MODEL: Default
FILE NAME: \\CURRENT PROJECTS\active\1807000_75th_Street_Resurfacing_Duplicate\Sheet Information\07_Design_Information\07_Duplicate\Sheet File\landscaping\LD1700_6718-ldr-ldr-ldr-ldr.dgn



LANDSCAPING LEGEND:

SODDING, SALT TOLERANT (25200110)	
NITROGEN FERTILIZER NUTRIENT (25000400)	
POTASSIUM FERTILIZER NUTRIENT (25000600)	
SEEDING, CLASS 4A (MODIFIED) (X2502014)	
SEEDING, CLASS 5 (MODIFIED) (X2501820)	
EROSION CONTROL BLANKET (25100630)	
SEEDING, CLASS 4B (25000314)	
EROSION CONTROL BLANKET (25100630)	

IMPROVEMENT ENDS
STA. 162+94.3



USER NAME = jorger	DESIGNED - SM	REVISED -
	DRAWN - JG	REVISED -
PLOT SCALE = 100.00' / in.	CHECKED - AMB	REVISED -
PLOT DATE = 1/10/2020	DATE - 1/10/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
75TH STREET**

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 149+00 TO STA. 163+00

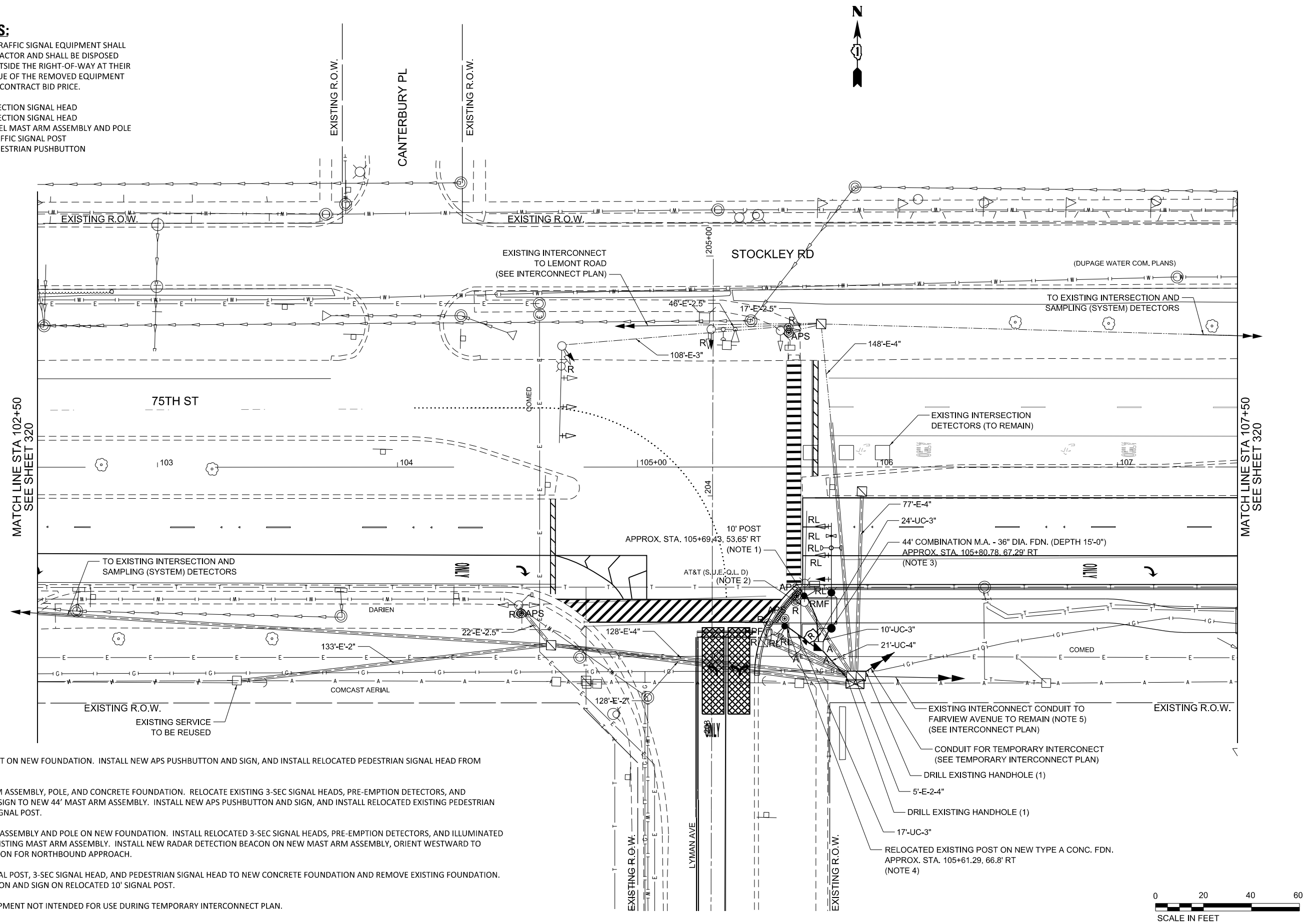
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 318
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

LSCP-04

REMOVAL NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 2 EACH 3-SECTION SIGNAL HEAD
- 1 EACH 5-SECTION SIGNAL HEAD
- 1 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 1 EACH TRAFFIC SIGNAL POST
- 4 EACH PEDESTRIAN PUSHBUTTON



NOTES:

- INSTALL NEW 10' SIGNAL POST ON NEW FOUNDATION. INSTALL NEW APS PUSHBUTTON AND SIGN, AND INSTALL RELOCATED PEDESTRIAN SIGNAL HEAD FROM EXISTING 10' SIGNAL POST.
- REMOVE EXISTING MAST ARM ASSEMBLY, POLE, AND CONCRETE FOUNDATION. RELOCATE EXISTING 3-SEC SIGNAL HEADS, PRE-EMPTION DETECTORS, AND ILLUMINATED STREET NAME SIGN TO NEW 44' MAST ARM ASSEMBLY. INSTALL NEW APS PUSHBUTTON AND SIGN, AND INSTALL RELOCATED EXISTING PEDESTRIAN SIGNAL HEAD, TO NEW 10' SIGNAL POST.
- INSTALL NEW 44' MAST ARM ASSEMBLY AND POLE ON NEW FOUNDATION. INSTALL RELOCATED 3-SEC SIGNAL HEADS, PRE-EMPTION DETECTORS, AND ILLUMINATED STREET NAME SIGN FROM EXISTING MAST ARM ASSEMBLY. INSTALL NEW RADAR DETECTION BEACON ON NEW MAST ARM ASSEMBLY, ORIENT WESTWARD TO PROVIDE VEHICULAR DETECTION FOR NORTHBOUND APPROACH.
- RELOCATE EXISTING 10' SIGNAL POST, 3-SEC SIGNAL HEAD, AND PEDESTRIAN SIGNAL HEAD TO NEW CONCRETE FOUNDATION AND REMOVE EXISTING FOUNDATION. INSTALL NEW APS PUSHBUTTON AND SIGN ON RELOCATED 10' SIGNAL POST.
- NOTED INTERCONNECT EQUIPMENT NOT INTENDED FOR USE DURING TEMPORARY INTERCONNECT PLAN.



MODEL: 01 Signal Modification Lyman 01
FILE NAME: K:\Projects\61G18\1-1-17E 75th Street Traffic Signal\Design\Sheet files\01 D:\DTP\61G18\1-1-17E 75th Street Traffic Signal\modification lyman.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

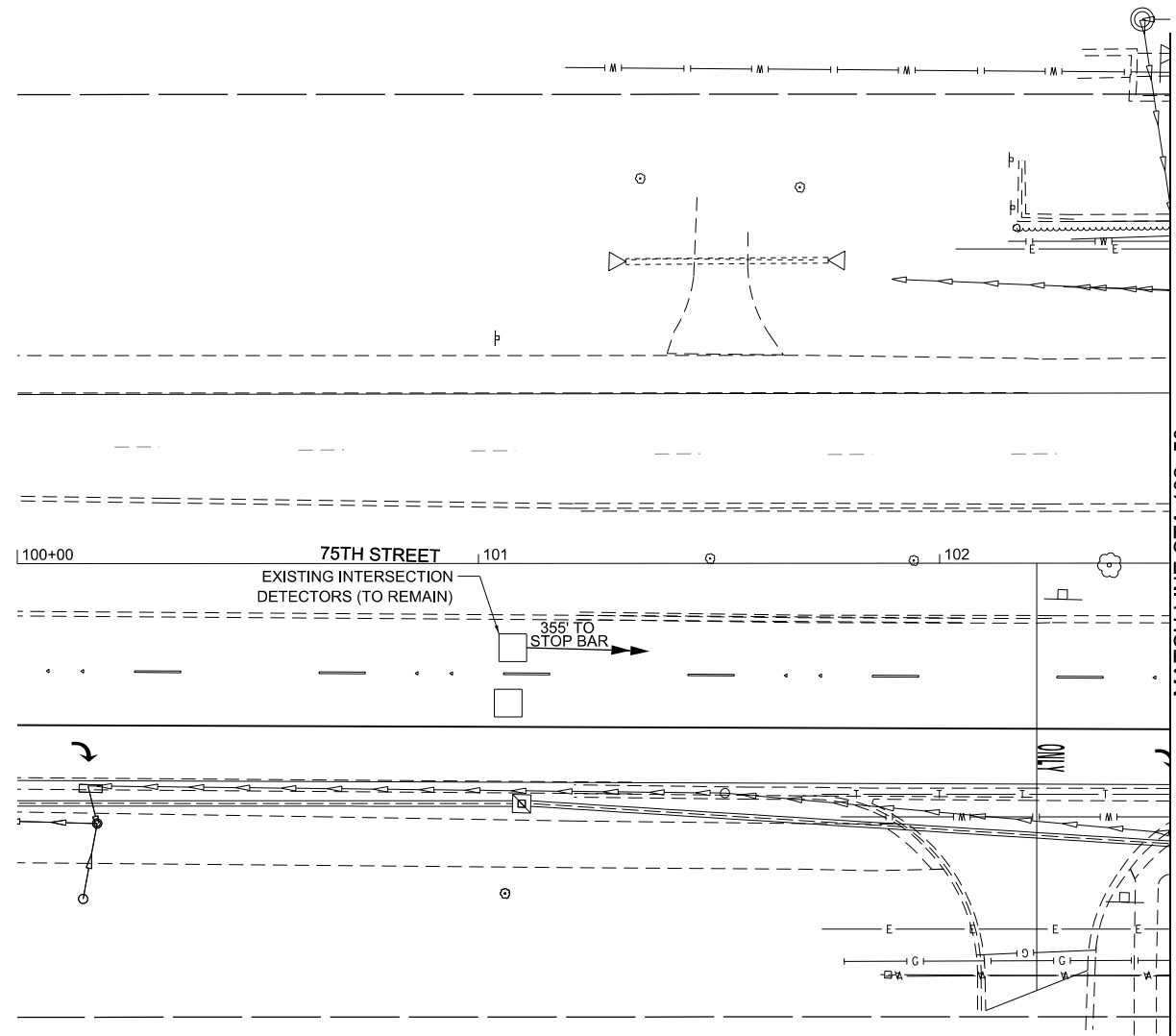
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODIFICATION PLAN
75TH STREET AND LYMAN AVENUE (SHEET 1 OF 2)**

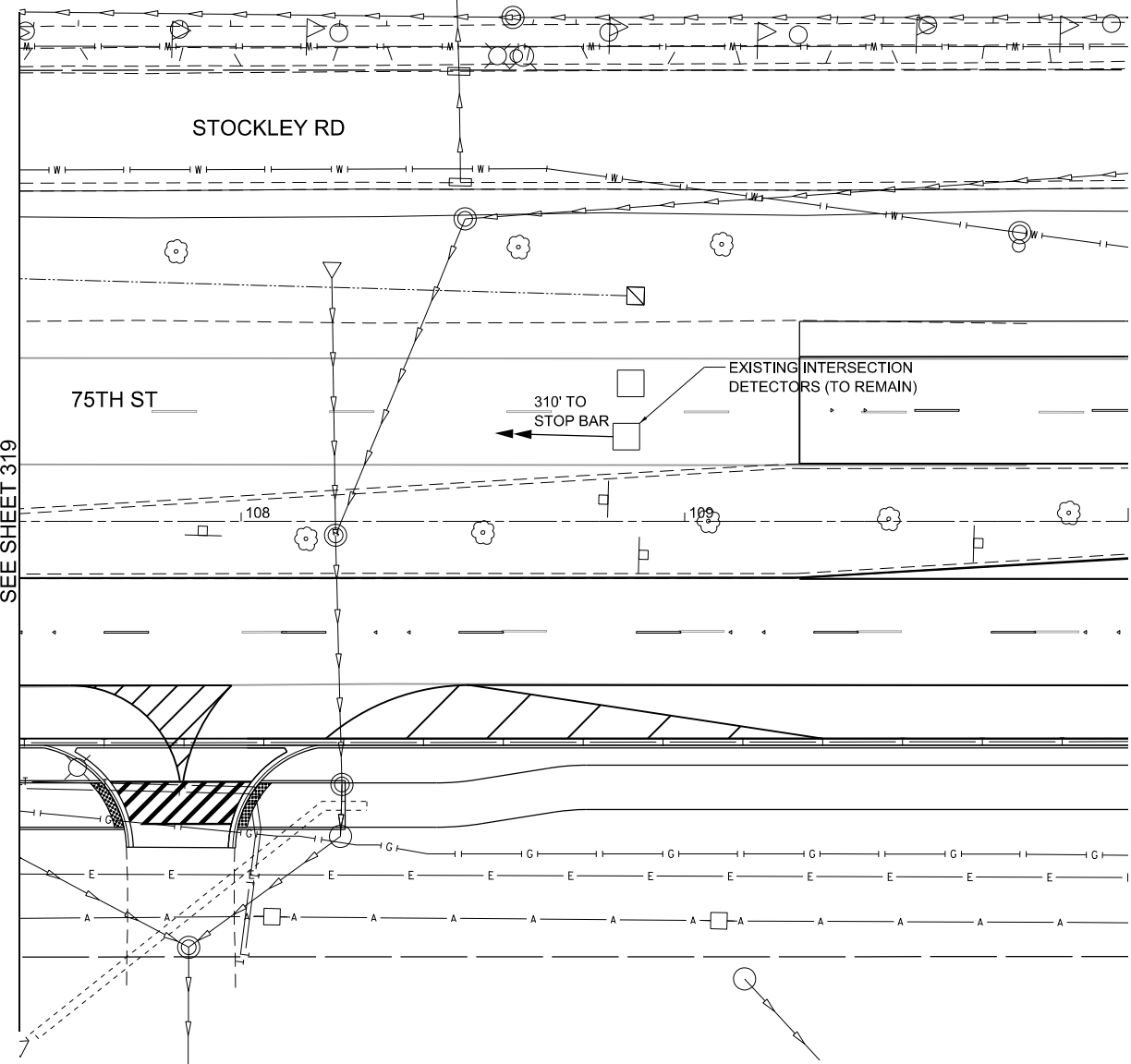
SCALE: 1"=20' SHEET 1 OF 90 SHEETS STA. 102+50 TO STA. 107+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	319
CONTRACT NO. 61G18				

TS-01



MATCH LINE STA 102+50
SEE SHEET 319



MATCH LINE STA 107+50
SEE SHEET 319



MODEL: 00 Signal Modification Lyman 02
 FILE NAME: K:\03032417\001\1-01E 75th Street Traffic Signal Design\Sheet Files\01 D:\DTP\016718\ts-02\signal modification lyman.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISOR -	
PLOT SCALE = 40.00 1/In.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

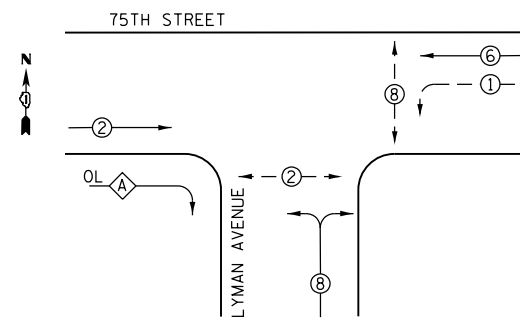
**TRAFFIC SIGNAL MODIFICATION PLAN
75TH STREET AND LYMAN AVENUE (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 2 OF 90 SHEETS STA. NA TO STA. NA

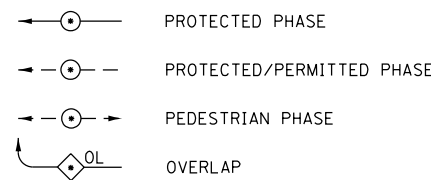
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	320
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-02

EXISTING AND PROPOSED CONTROLLER SEQUENCE



LEGEND

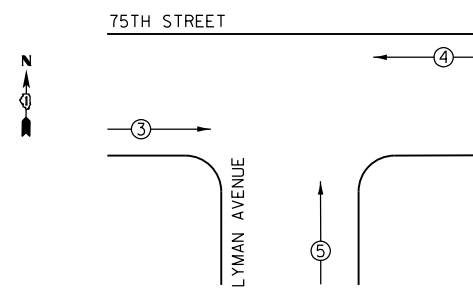


EX. INTERCONNECT AND TRACER CABLES TO LEMONT ROAD (TO REMAIN)

EXISTING AND PROPOSED RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 8

EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	13	20	5	13.0
(GREEN)	14	12	45	75.6
ARROW	4	10	10	4.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
STREET NAME SIGN	2	120	50	120.0
LUMINAIRE	2	165	50	165.0
PTZ/RADAR CAMERA	1	75	100	75.0
TOTAL =				729.1

ENERGY COSTS TO: AMERICAN REALTY CAPITAL PROPERTIES, INC.
2325 E. CAMELBACK ROAD, SUITE 1100
PHOENIX, AZ 85016

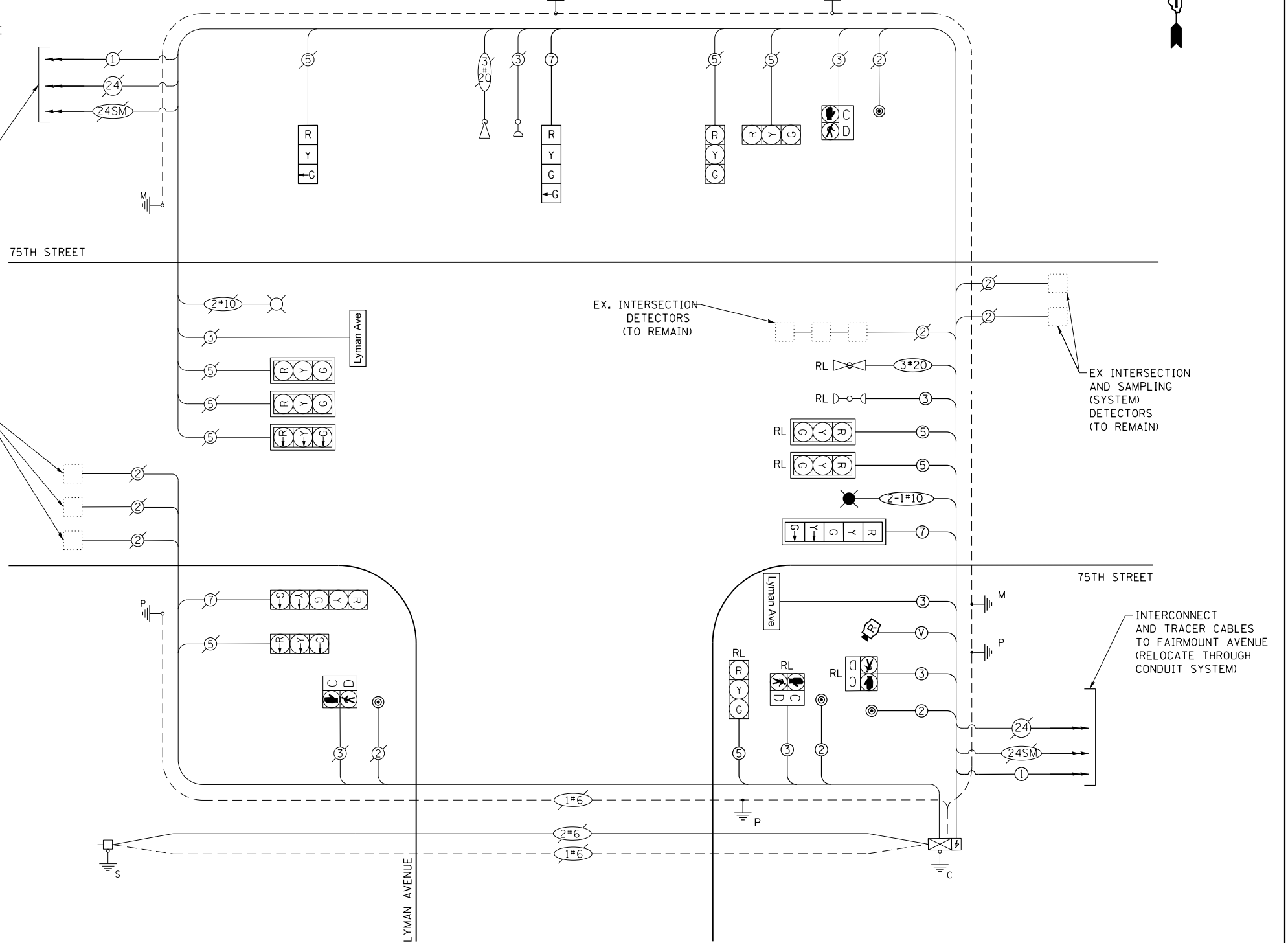
ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON
PHONE: (630) 985-4074
COMPANY: COMED LOMBARD ACCOUNT NUMBER: _____

EX INTERSECTION AND SAMPLING (SYSTEM) DETECTORS (TO REMAIN)

EX. INTERSECTION DETECTORS (TO REMAIN)

EX INTERSECTION AND SAMPLING (SYSTEM) DETECTORS (TO REMAIN)

INTERCONNECT AND TRACER CABLES TO FAIRMOUNT AVENUE (RELOCATE THROUGH CONDUIT SYSTEM)



LEGEND

Ⓢ VENDOR SPECIFIED CABLE FOR RADAR DETECTION BEACON (INCLUDED IN COST FOR "RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR")

CABLE PLAN
NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**
75TH STREET AND LYMAN AVENUE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	321
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

SCALE: NTS SHEET 3 OF 90 SHEETS STA. NA TO STA. NA

TS-03

MODEL: 03 Cable Plan Modification: Lyman
FILE NAME: KCP03030417-004-1-01E 75th Street Traffic Signal (D:\p\p\Design\Sheet files\03 DTD\TR016718-03-04-01-modification lyman.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / In.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

SCHEDULE OF QUANTITIES

ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	20
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	60
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	20
81400100	HANDHOLE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	240
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	170
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	320
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	350
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	370
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	110
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
87900200	DRILL EXISTING HANDHOLE	EACH	2
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	1
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
89500300	RELOCATE EXISTING ILLUMINATED SIGN	EACH	1
89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	140
X0327211	RELOCATE SWITCH	EACH	1
X1400201	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	1
X1400238	LUMINAIRE, LED, SPECIAL	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
	CABLE, SPECIAL	FOOT	110

MODEL: 04 Signs and Quantities - Lyman
 FILE NAME: K:\Projects\17-004-LTE-75th Street Traffic Signals\Drawings\Design\Sheet Files\01-D-DT\17016718-8-24-2020\modifications\lyman.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40,00' / 1" =	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
75TH STREET AND LYMAN AVENUE**

SCALE: NTS SHEET 4 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	322
CONTRACT NO. 61G18				
ILLINOIS			FED. AID PROJECT	

TS-04

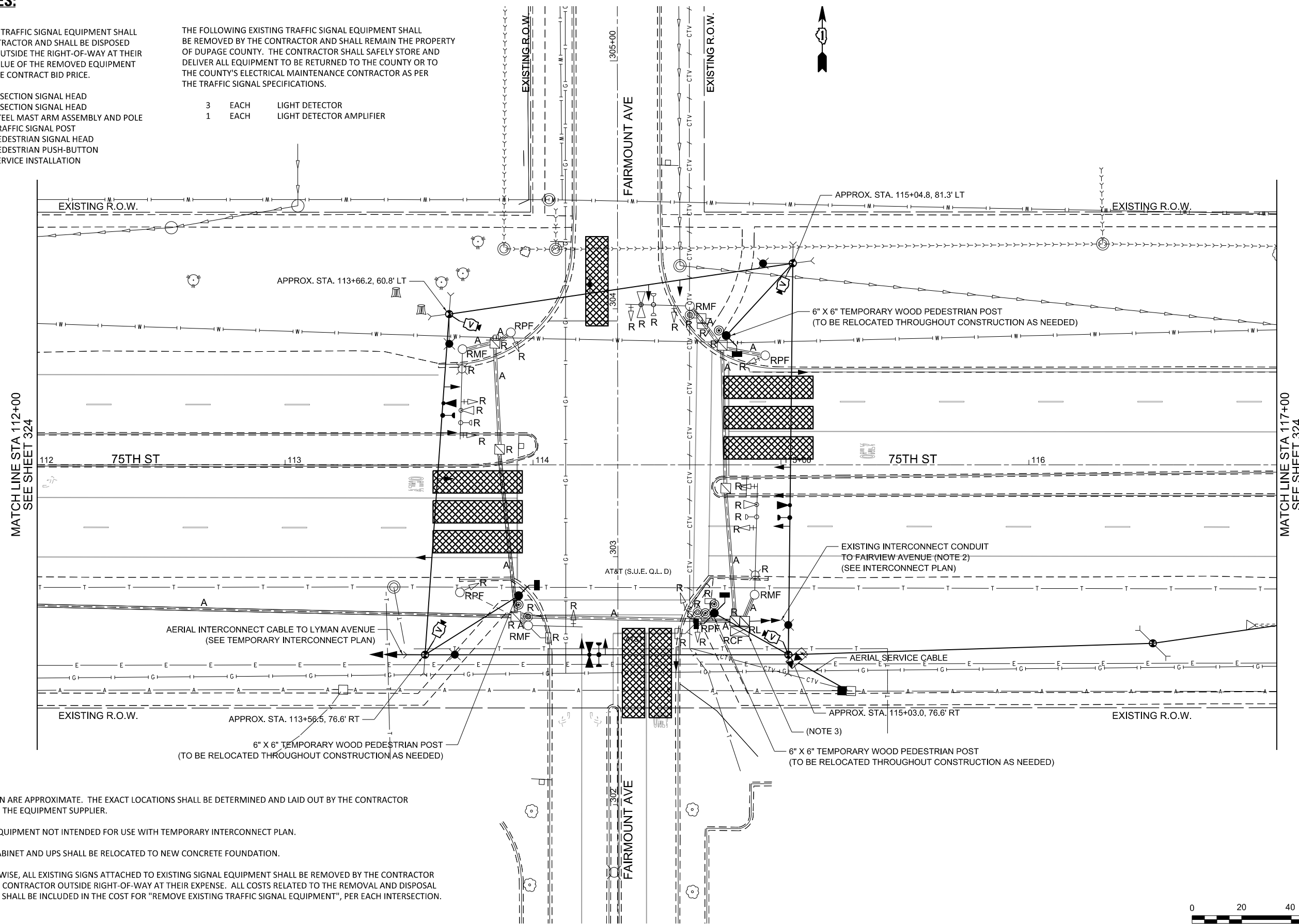
REMOVAL NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 6 EACH 3-SECTION SIGNAL HEAD
- 6 EACH 5-SECTION SIGNAL HEAD
- 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH TRAFFIC SIGNAL POST
- 4 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 1 EACH SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF DUPAGE COUNTY. THE CONTRACTOR SHALL SAFELY STORE AND DELIVER ALL EQUIPMENT TO BE RETURNED TO THE COUNTY OR TO THE COUNTY'S ELECTRICAL MAINTENANCE CONTRACTOR AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- 3 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER



NOTES:

- DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
- NOTED INTERCONNECT EQUIPMENT NOT INTENDED FOR USE WITH TEMPORARY INTERCONNECT PLAN.
- EXISTING CONTROLLER CABINET AND UPS SHALL BE RELOCATED TO NEW CONCRETE FOUNDATION.
- UNLESS DIRECTED OTHERWISE, ALL EXISTING SIGNS ATTACHED TO EXISTING SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF BY THE CONTRACTOR OUTSIDE RIGHT-OF-WAY AT THEIR EXPENSE. ALL COSTS RELATED TO THE REMOVAL AND DISPOSAL OF THESE EXISTING SIGNS SHALL BE INCLUDED IN THE COST FOR "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT", PER EACH INTERSECTION.



MODEL: 08 Equipment Prestage Plan
FILE NAME: K:\Projects\17-204-1-01E 75th Street, Traffic Signal\Design\Sheet files\02_DTD\17-204-1-01E-75th-street-signal-prestage.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISD -
PLOT SCALE = 40,00' / 1in.	DRAWN - JRB	REVISD -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISD -
	DATE - 1/9/2020	REVISD -

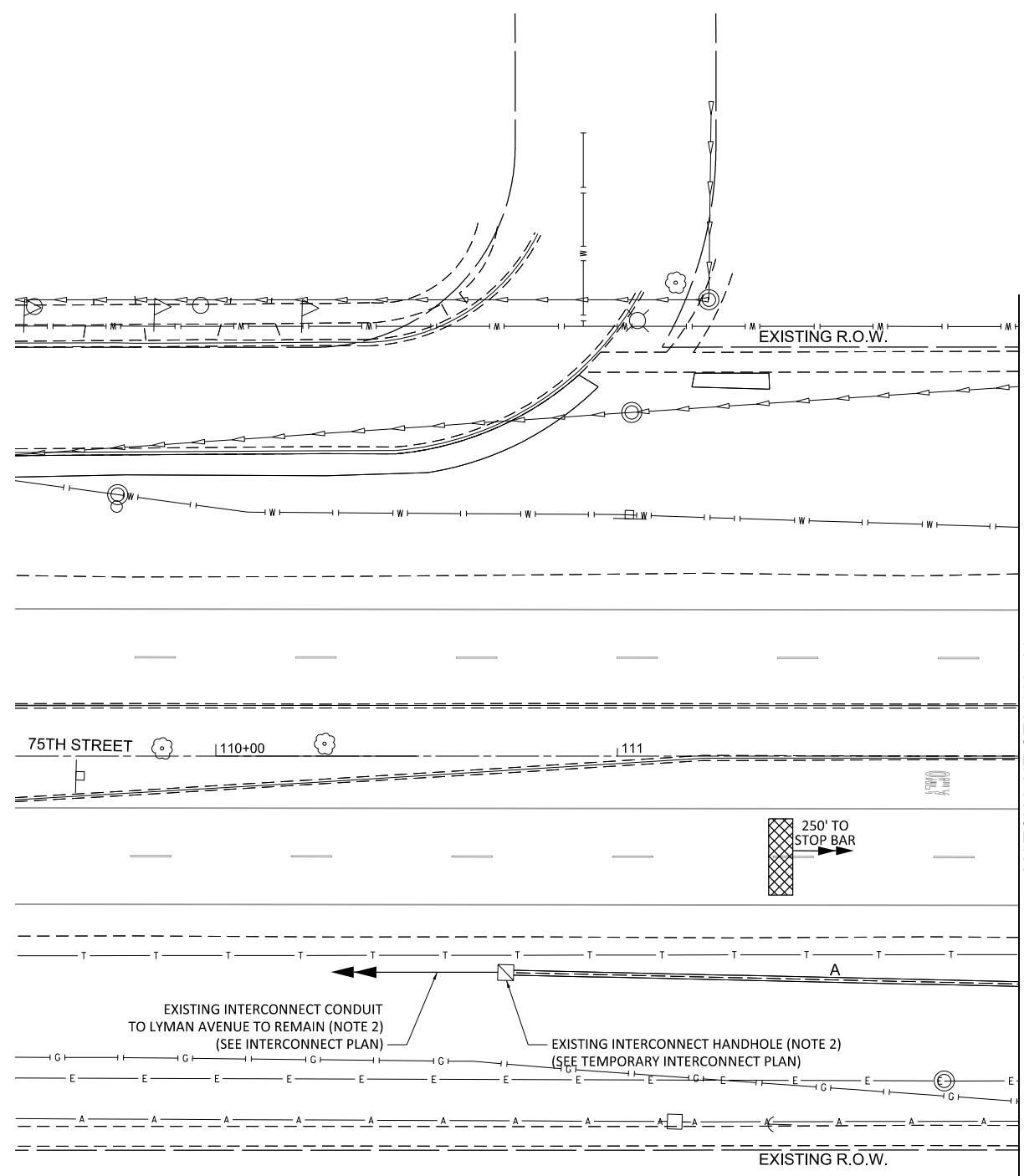
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
PRESTAGE (SHEET 1 OF 2)

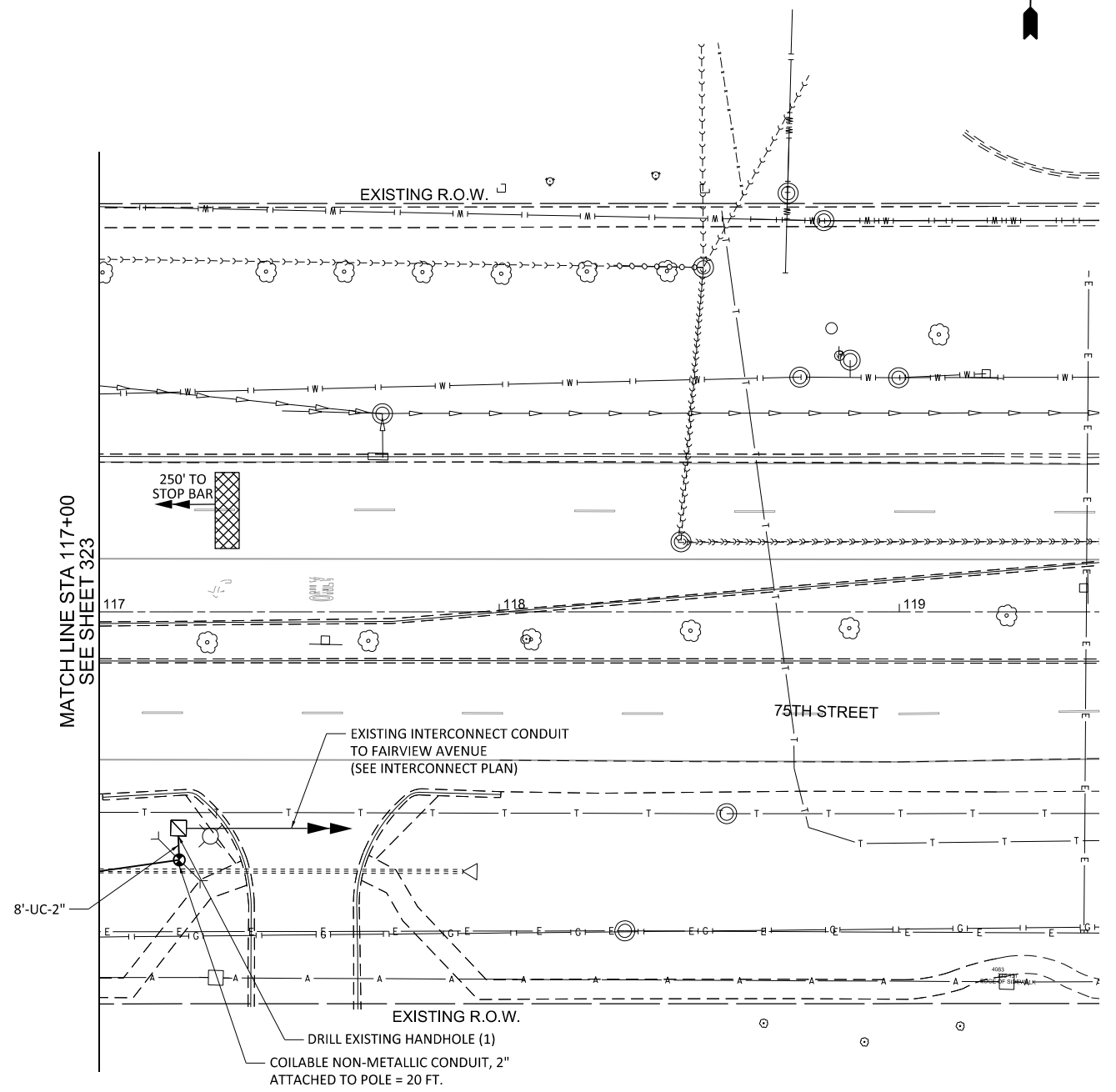
SCALE: 1"=20' SHEET 5 OF 90 SHEETS STA. 112+00 TO STA. 117+00

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 323
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-05



MATCH LINE STA 112+00
SEE SHEET 323



MATCH LINE STA 117+00
SEE SHEET 323

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. NOTED INTERCONNECT EQUIPMENT NOT INTENDED FOR USE WITH TEMPORARY INTERCONNECT PLAN.



MODEL: 06 - Fairmount Prestage Plan
 FILE NAME: K:\Projects\17-001-1-01E-75th Street Traffic Signal\Drawings\Sheet Files\02-DTD\17016718-traffic-signal-prestage.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

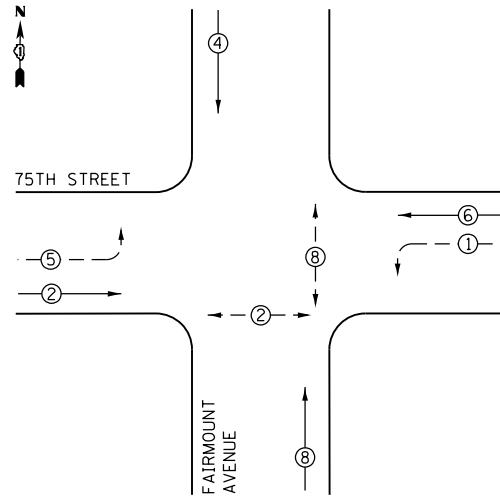
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
PRESTAGE (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 6 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 324
			CONTRACT NO. 61G18	
		ILLINOIS FED. AID PROJECT		

TS-06

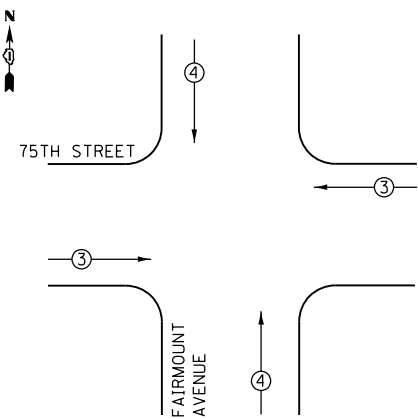
EXISTING AND PRESTAGE CONTROLLER SEQUENCE



LEGEND

- ← ○ → PROTECTED PHASE
- ← ○ - - PROTECTED/PERMITTED PHASE
- ← ○ → PEDESTRIAN PHASE

EXISTING AND PRESTAGE EMERGENCY VEHICLE PREEMPTION SEQUENCE



EX. INTERCONNECT AND NEW TRACER CABLES TO LYMAN AVENUE (NOTE 2)

TEMPORARY INTERCONNECT TO LYMAN AVENUE (NOTE 3)

CONDUIT SPLICE AT EXISTING SIGNAL CABINET AT LYMAN AVENUE (NOTE 3)

EX. INTERCONNECT AND NEW TRACER CABLE TO FAIRVIEW AVENUE (NOTE 2)

TEMPORARY INTERCONNECT TO FAIRVIEW AVENUE (NOTE 3)

CONDUIT SPLICE AT TEMPORARY SIGNAL CABINET AT FAIRVIEW AVENUE (NOTE 3)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE	
SIGNAL (RED)	14	11	50	77.0	
	(YELLOW)	14	20	5	14.0
	(GREEN)	14	12	45	75.6
ARROW	8	10	10	8.0	
PED. SIGNAL	4	20	100	80.0	
CONTROLLER	1	100	100	100.0	
UPS	1	25	100	25.0	
VIDEO SYSTEM	1	150	100	150.0	
STREET NAME SIGN	-	120	50	-	
LUMINAIRE	4	165	50	330.0	
PTZ CAMERA	-	75	100	-	
TOTAL =				859.6	

ENERGY COSTS TO: AMERICAN REALTY CAPITAL PROPERTIES, INC.
2325 E. CAMELBACK ROAD, SUITE 1100
PHOENIX, AZ 85016

ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON
PHONE: (630) 985-4074
COMPANY: COMED LOMBARD ACCOUNT NUMBER: -----

NOTES

- INFORMATION PROVIDED ON THIS SHEET PERTAINS TO THE PRE-STAGE PERIOD ONLY. REFER TO THE RESPECTIVE CABLE DIAGRAMS FOR STAGES 1/1A/1B/1C/1D; STAGES 2/2A; OR PERMANENT EQUIPMENT INSTALLATIONS FOR DETAILED INFORMATION PERTAINING TO THOSE PERIODS OF CONSTRUCTION.
- DENOTED CABLES SHALL BE TEMPORARILY REMOVED FROM THE EXISTING CONDUIT SYSTEM ALONG 75TH STREET AND STORED AS DETAILED IN THE TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC.
- REFER TO TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC DIAGRAM FOR DETAILED INFORMATION PERTAINING TO INSTALLATION AND SPLICING OF TEMPORARY AERIAL FIBER CABLE.

CABLE PLAN
NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND FAIRMOUNT AVENUE: PRESTAGE

SCALE: NTS SHEET 7 OF 90 SHEETS STA. NA TO STA. NA

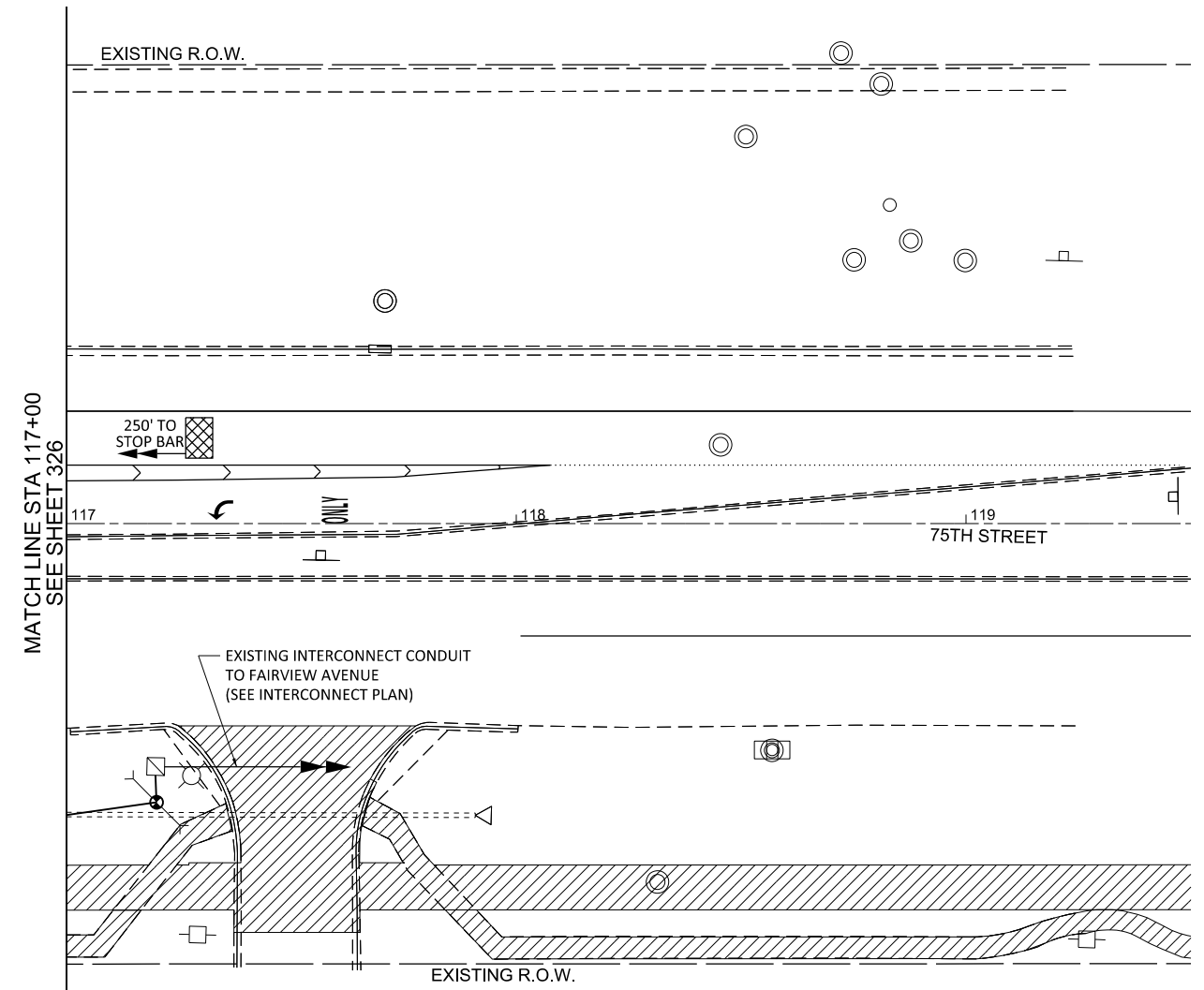
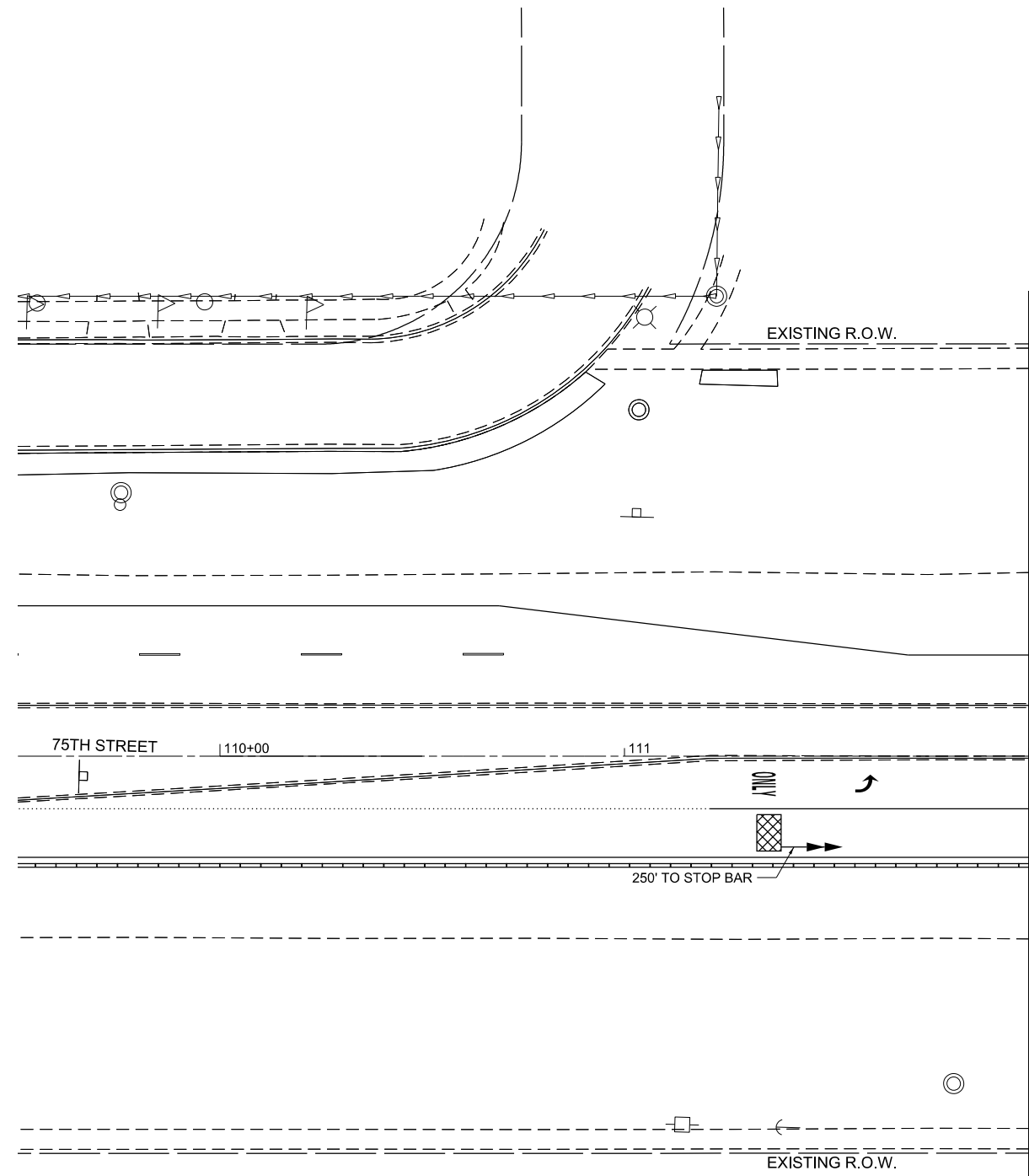
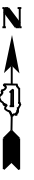
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	325
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-07

MODEL OF Fairmount Prestage Cable Diagram
FILE NAME: K:\Projects\17504-1-1750-75th Street Traffic Signals\Design\Sheet Files\02-DTD\1750-1750-75th-traffic-signal-prestage.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: 00 Fairmount Sheet 1 Plot
 FILE NAME: K:\0369\17-004-1-01E 75th Street Traffic Signal (D:\P\p)\Design\Sheet Files\03 D:\DTP\016718-1a-1-Stage 1.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00 ' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

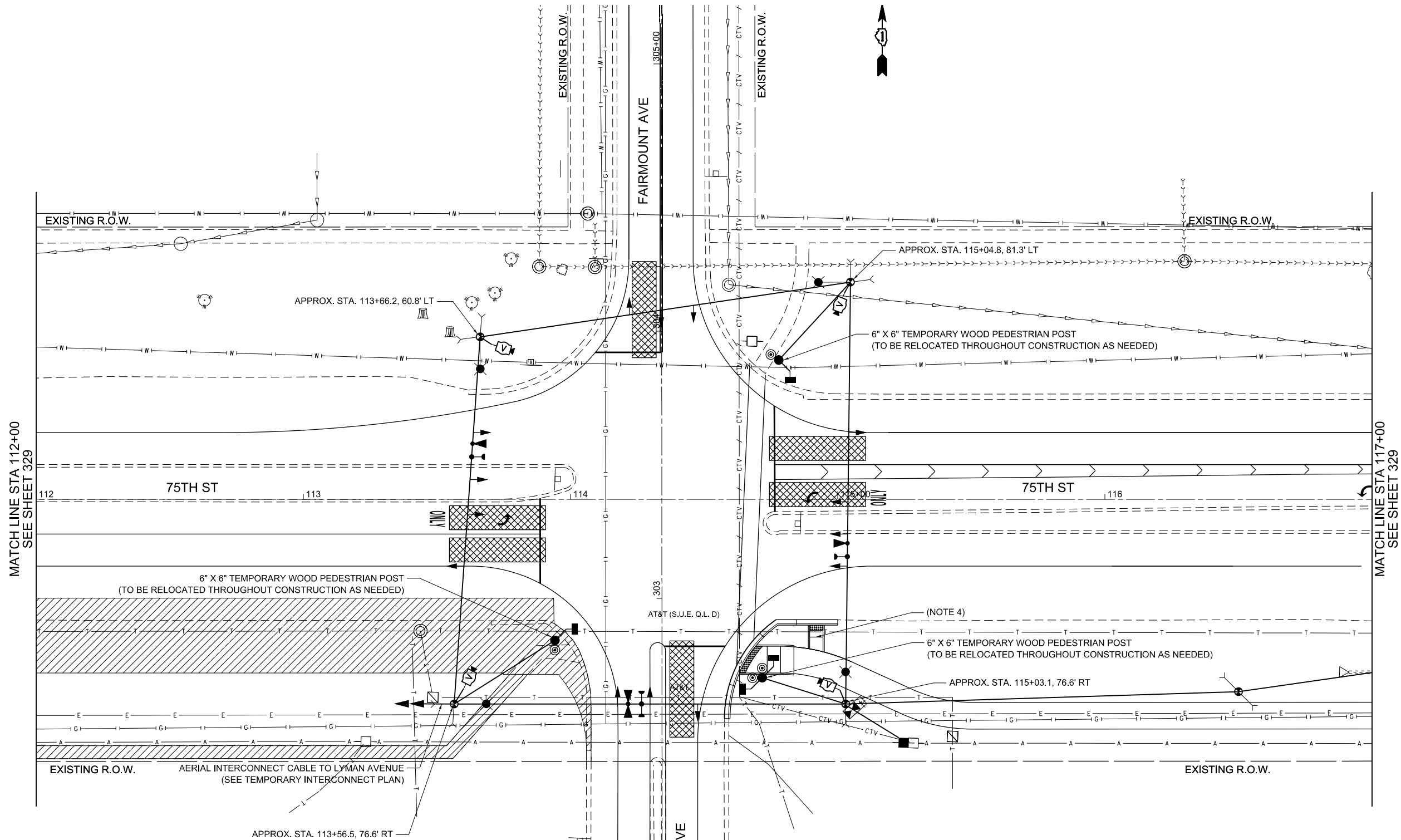
**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 1 (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 9 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	327
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-09

MODEL: G:\Fairmount Stage 1A.dwg
 FILE NAME: K:\0369\2017-2021\14-151E 75th Street Traffic Signals\Design\Sheet Files\04-DDTTR016718-ah-Stage_1a.dwg



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1A, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE EAST LEG OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE NORTH, SOUTH, AND WEST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1A.
3. DURING STAGE 1A, CURB RAMPS ASSOCIATED WITH THE NORTH, SOUTH, AND WEST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1A.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1A.



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

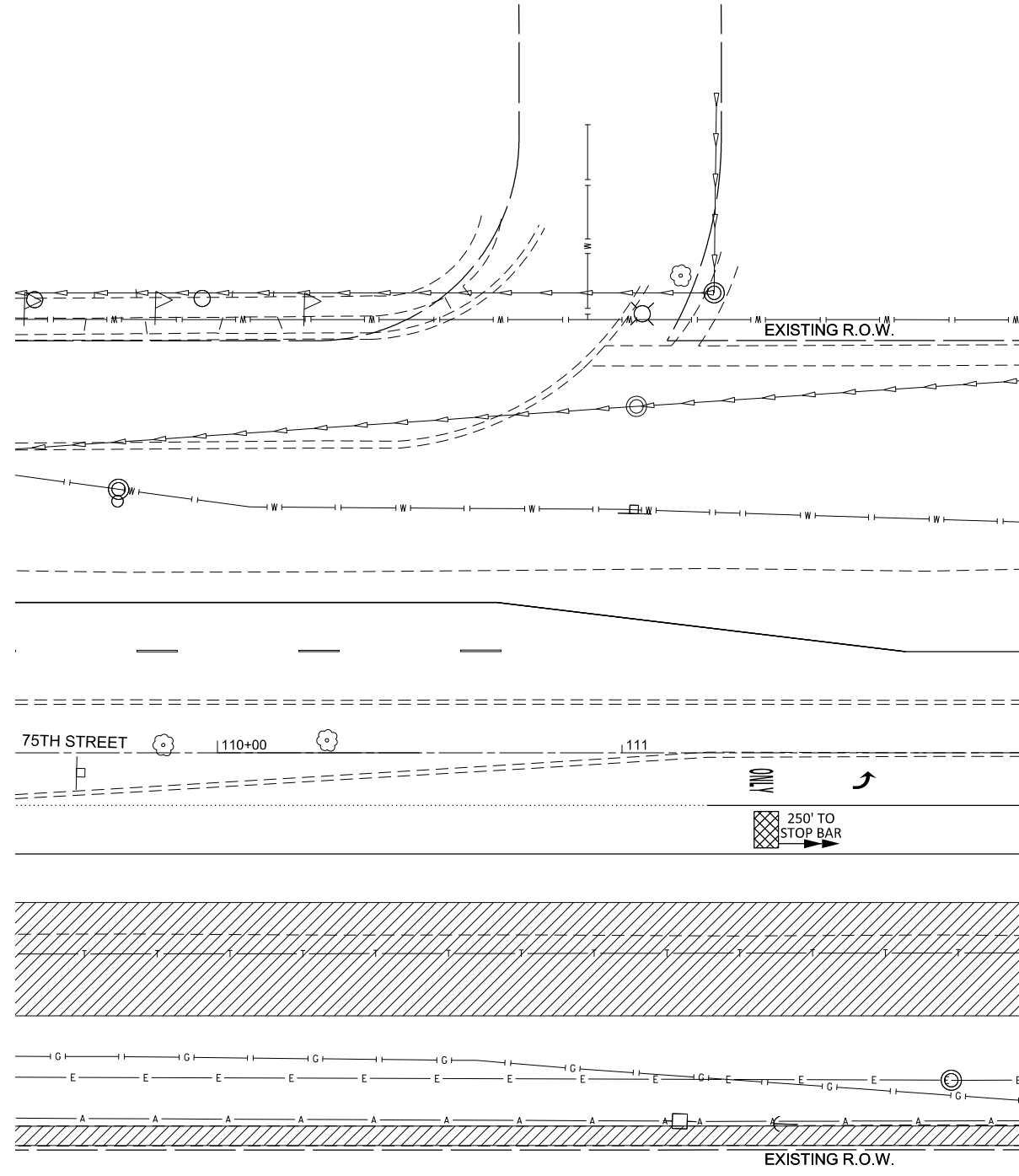
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRMOUNT AVENUE
 STAGE 1A (SHEET 1 OF 2)**

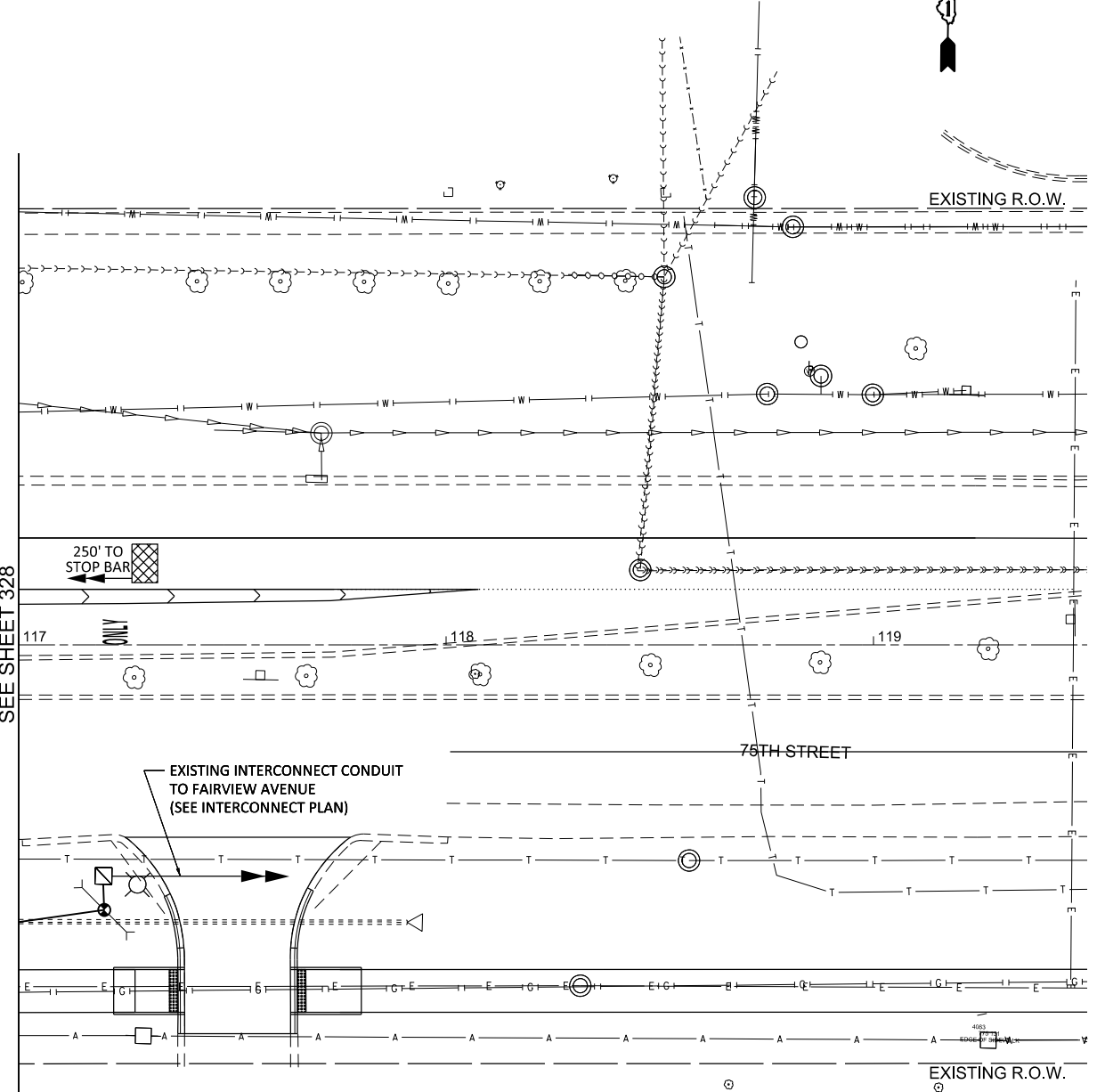
SCALE: 1"=20' SHEET 10 OF 90 SHEETS STA. 112+00 TO STA. 117+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	328
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-10



MATCH LINE STA 112+00
SEE SHEET 328



MATCH LINE STA 117+00
SEE SHEET 328

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: I:\Fairmount Stage 1a.dgn
FILE NAME: K:\0369\2017-001-1-01E 75th Street Traffic Signal\Design\Sheet Files\04 D:\DTP\016718-hh-Stage 1a.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISIONS -	
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

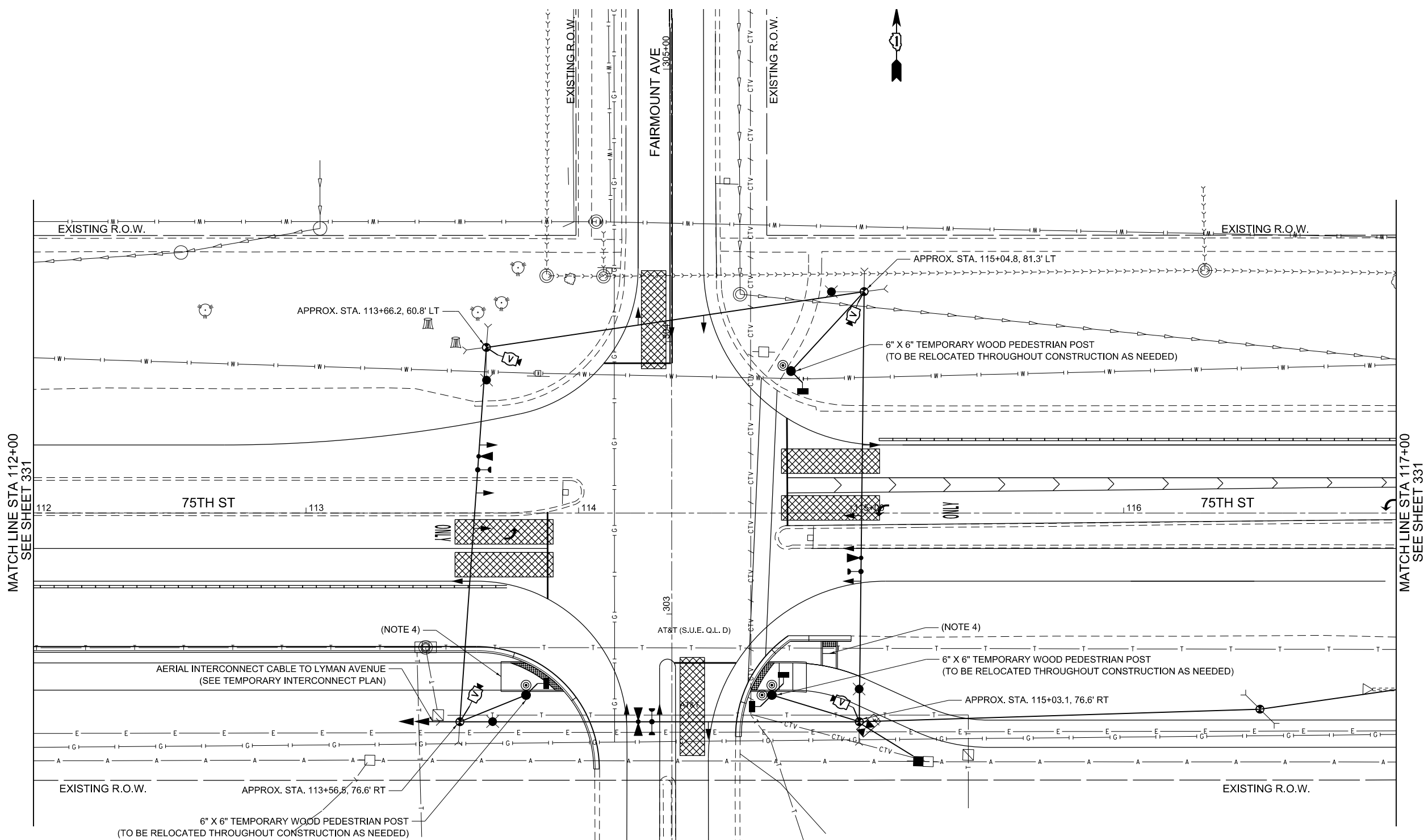
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 1A (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 11 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 329
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-11



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1B, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE EAST LEG OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE NORTH, SOUTH, AND WEST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1B.
3. DURING STAGE 1B, CURB RAMPS ASSOCIATED WITH THE NORTH, SOUTH, AND WEST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1B.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1B.



MODEL: C:\p1\m1\18\18-1b.dwg
 FILE NAME: K:\p1\m1\18-1b.dwg
 DATE: 1/9/2020
 TIME: 10:14:11 AM
 USER: L.Jackson



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

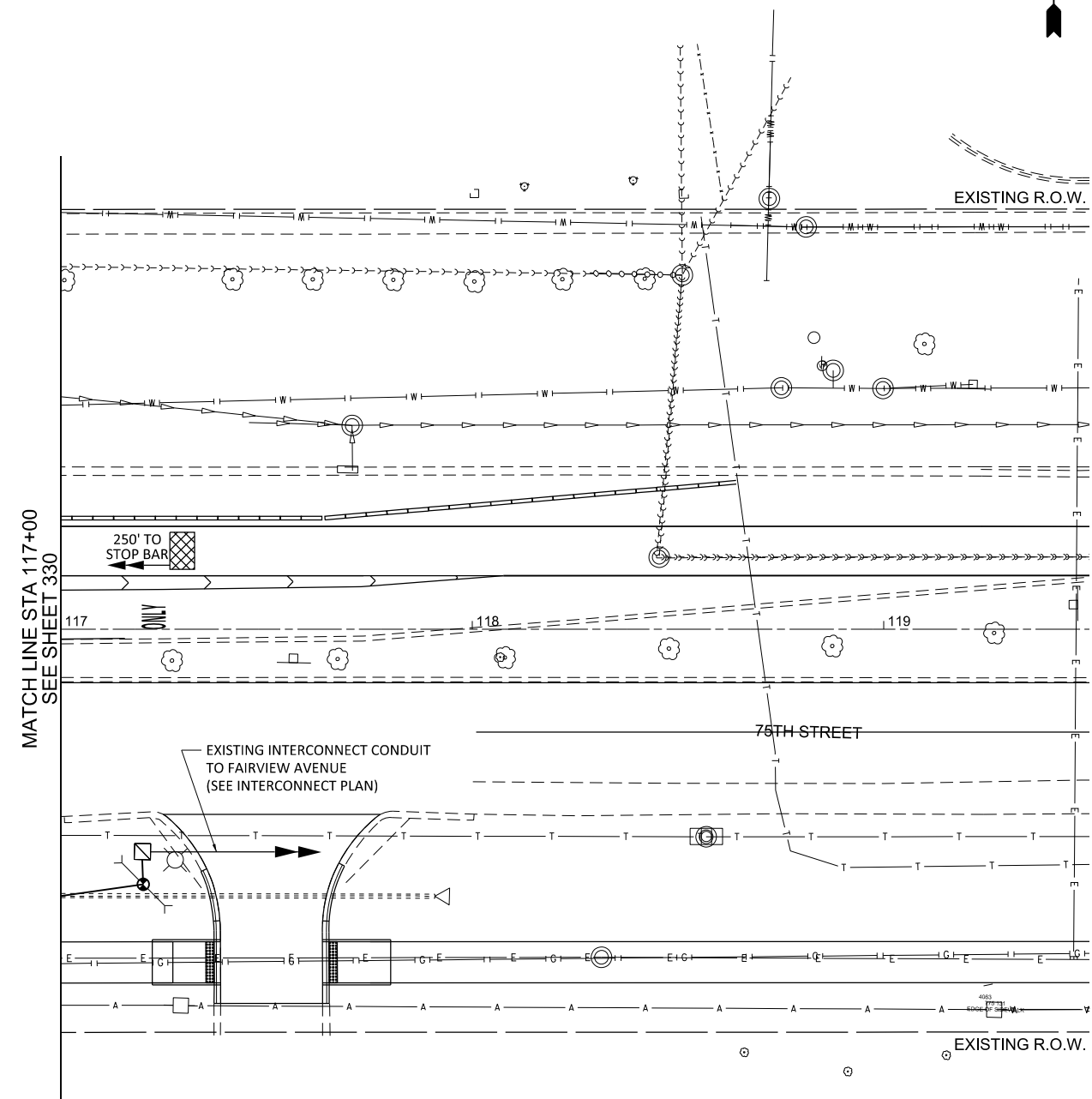
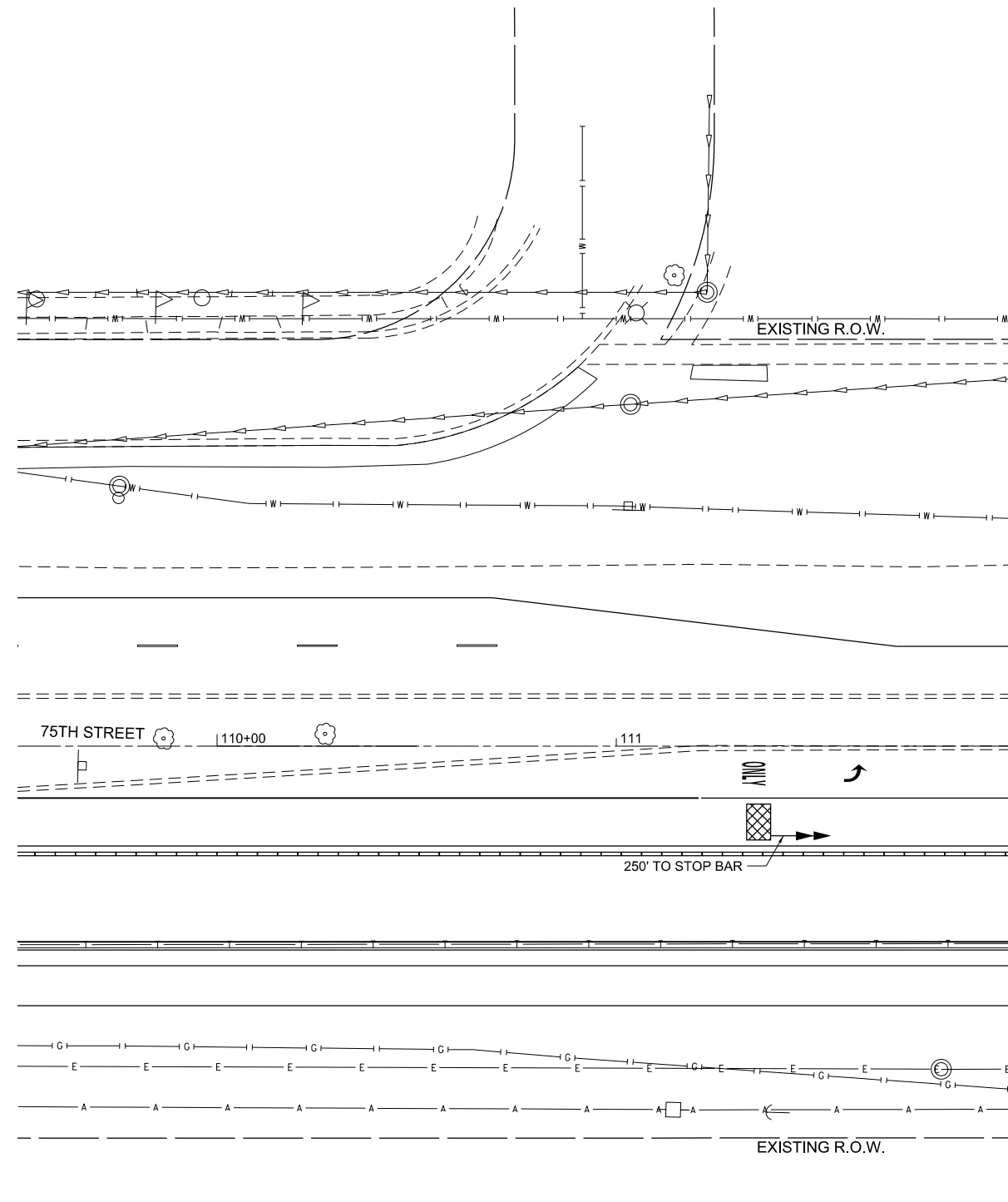
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 1B (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 12 OF 90 SHEETS STA. 112+00 TO STA. 117+00

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 330
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-12



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: C:\Program Files\Autodesk\AutoCAD 2011\Drawings\16-00000\16-00000.dwg
 FILE NAME: C:\Program Files\Autodesk\AutoCAD 2011\Drawings\16-00000\16-00000.dwg



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

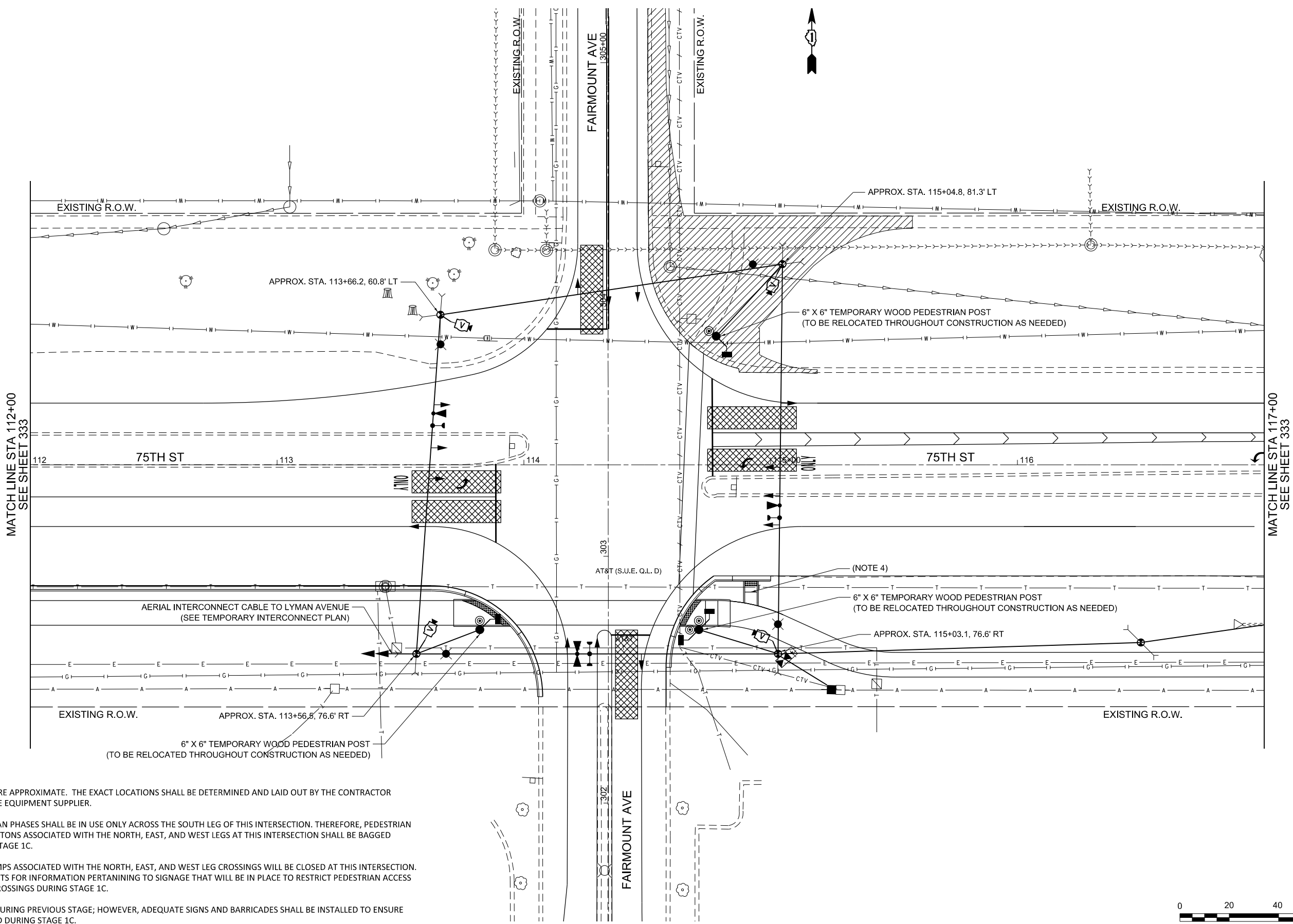
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 1B (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 13 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	331
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-13



MATCH LINE STA 112+00
SEE SHEET 333

MATCH LINE STA 117+00
SEE SHEET 333

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1C, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE SOUTH LEG OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE NORTH, EAST, AND WEST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1C.
3. DURING STAGE 1C, CURB RAMPS ASSOCIATED WITH THE NORTH, EAST, AND WEST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1C.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1C.



MODEL: 14 (Fairmount Stage 1c Plan)
 FILE NAME: K:\Projects\17-004-1-01E 75th Street Traffic Signal (019) Design\Sheet Files\06 DTD\17016718-ah-Stage 1c.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

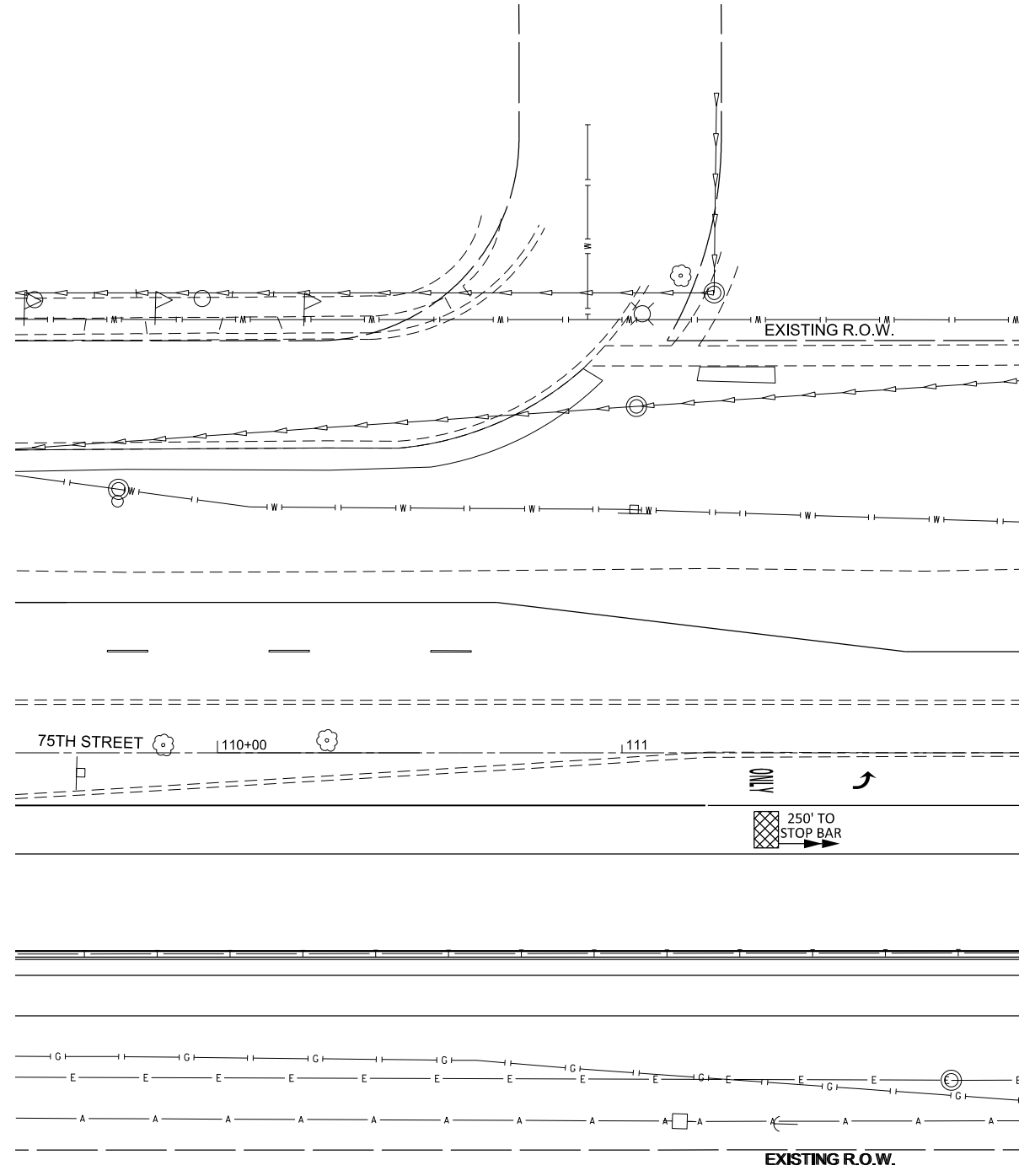
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 1C (SHEET 1 OF 2)**

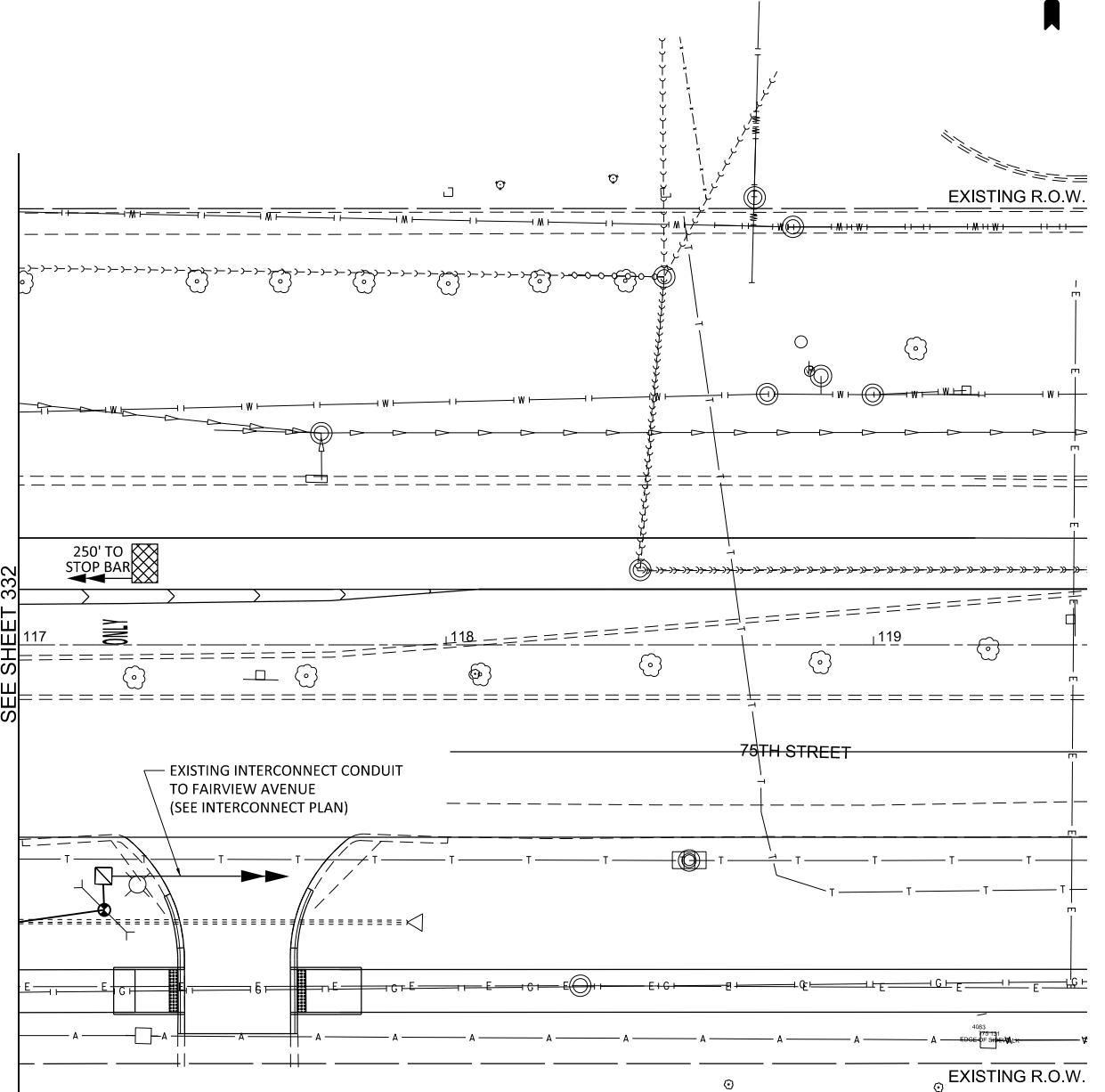
SCALE: 1"=20' SHEET 14 OF 90 SHEETS STA. 112+00 TO STA. 117+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	332
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-14



MATCH LINE STA 112+00
SEE SHEET 332



MATCH LINE STA 117+00
SEE SHEET 332

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: 16 Fairmount Stage 1c.dgn
 FILE NAME: K:\03032017\001\1-101E 75th Street Traffic Signal\Design\Sheet Files\06 D:\TPO\16718-hh-Stage 1c.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISED -	
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

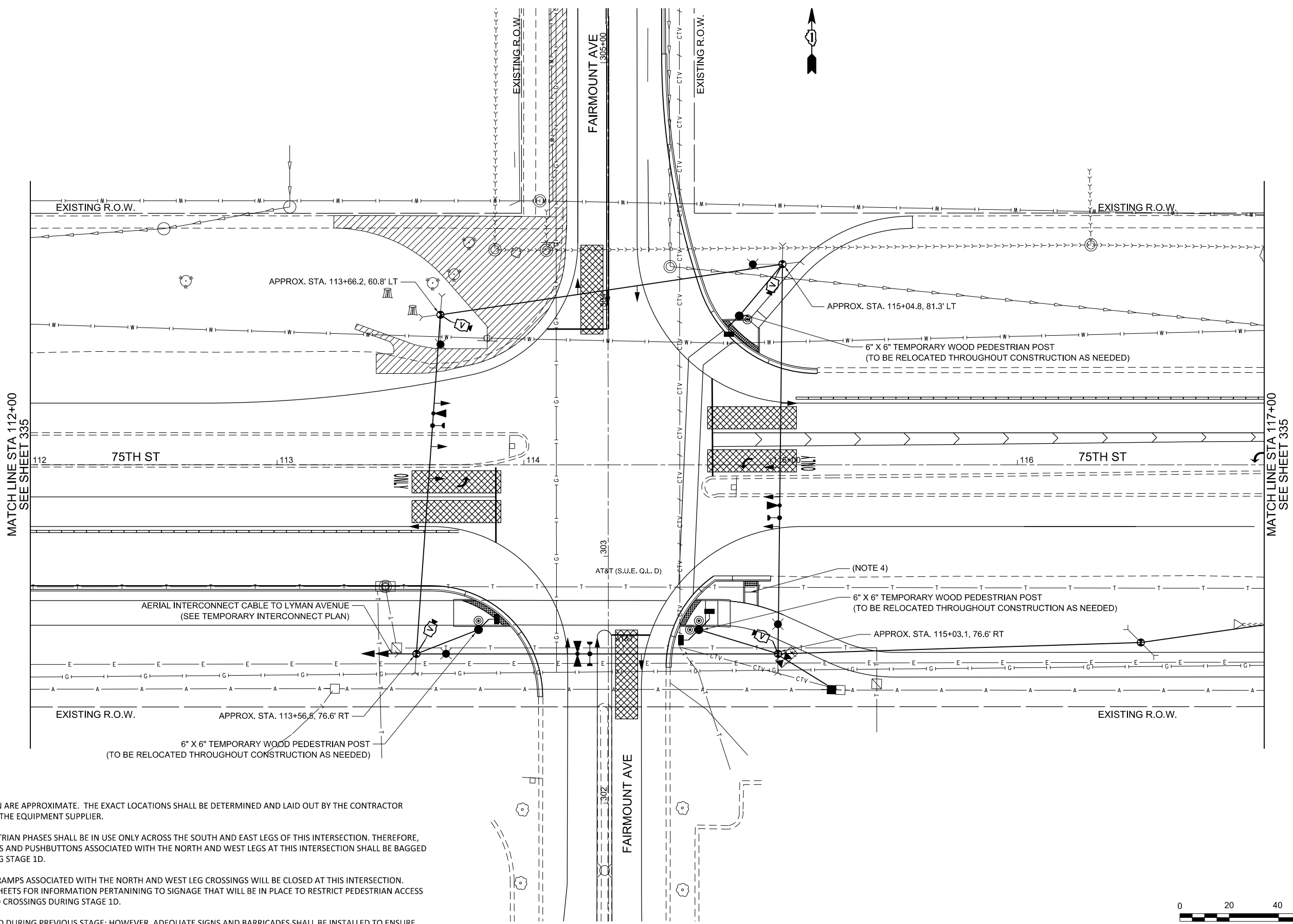
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 1C (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 15 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 333
CONTRACT NO. 61G18			ILLINOIS FED. AID PROJECT	

TS-15



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1D, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE SOUTH AND EAST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE NORTH AND WEST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1D.
3. DURING STAGE 1D, CURB RAMP ASSOCIATED WITH THE NORTH AND WEST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1D.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1D.



MODEL: 16 Fairmount Stage 1d Plan
 FILE NAME: K:\Projects\17-004-1-01E 75th Street Traffic Signal\Design\Sheet Files\07-DTD\TR016718-sh1-Stage 1d.dgn



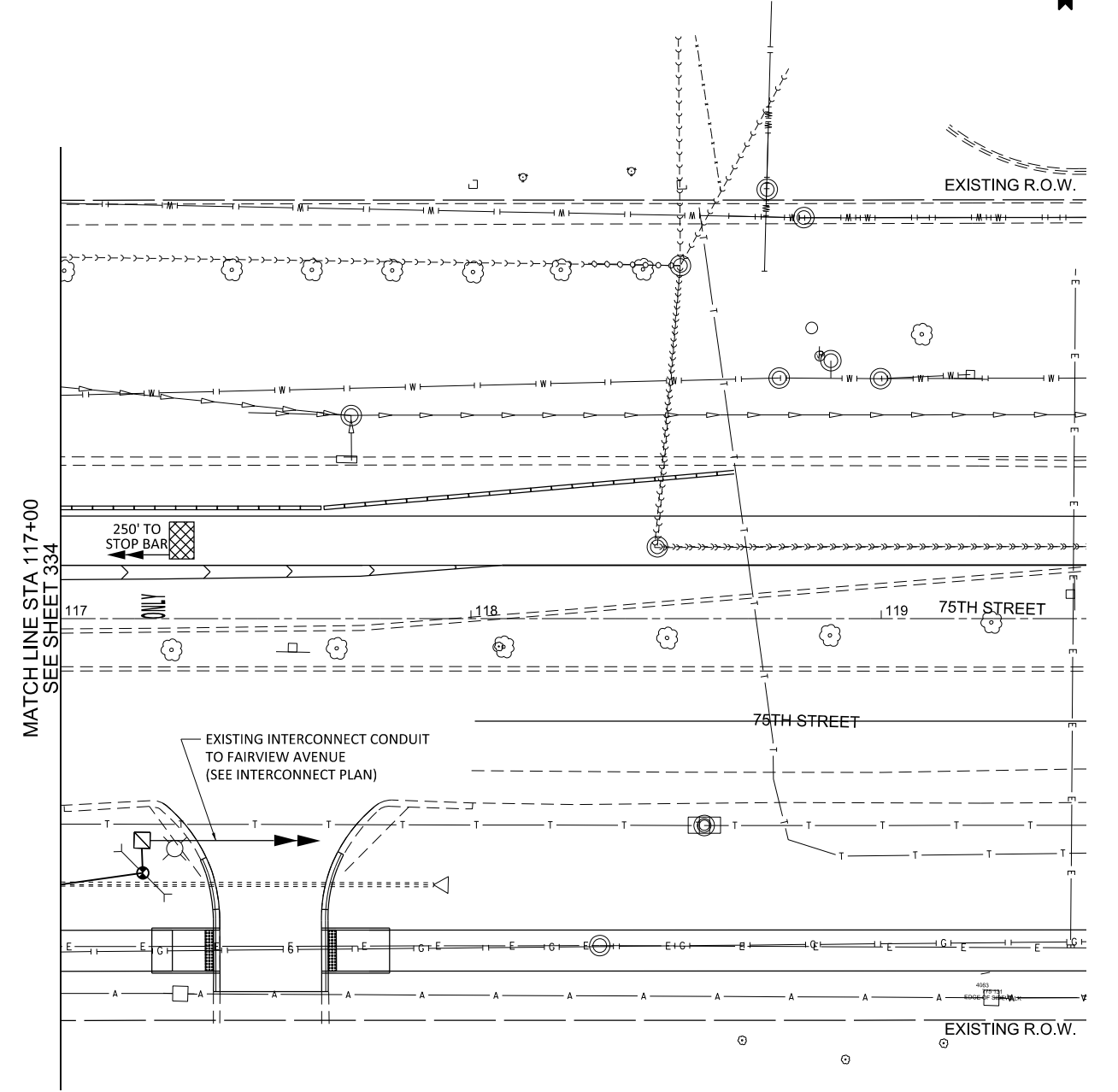
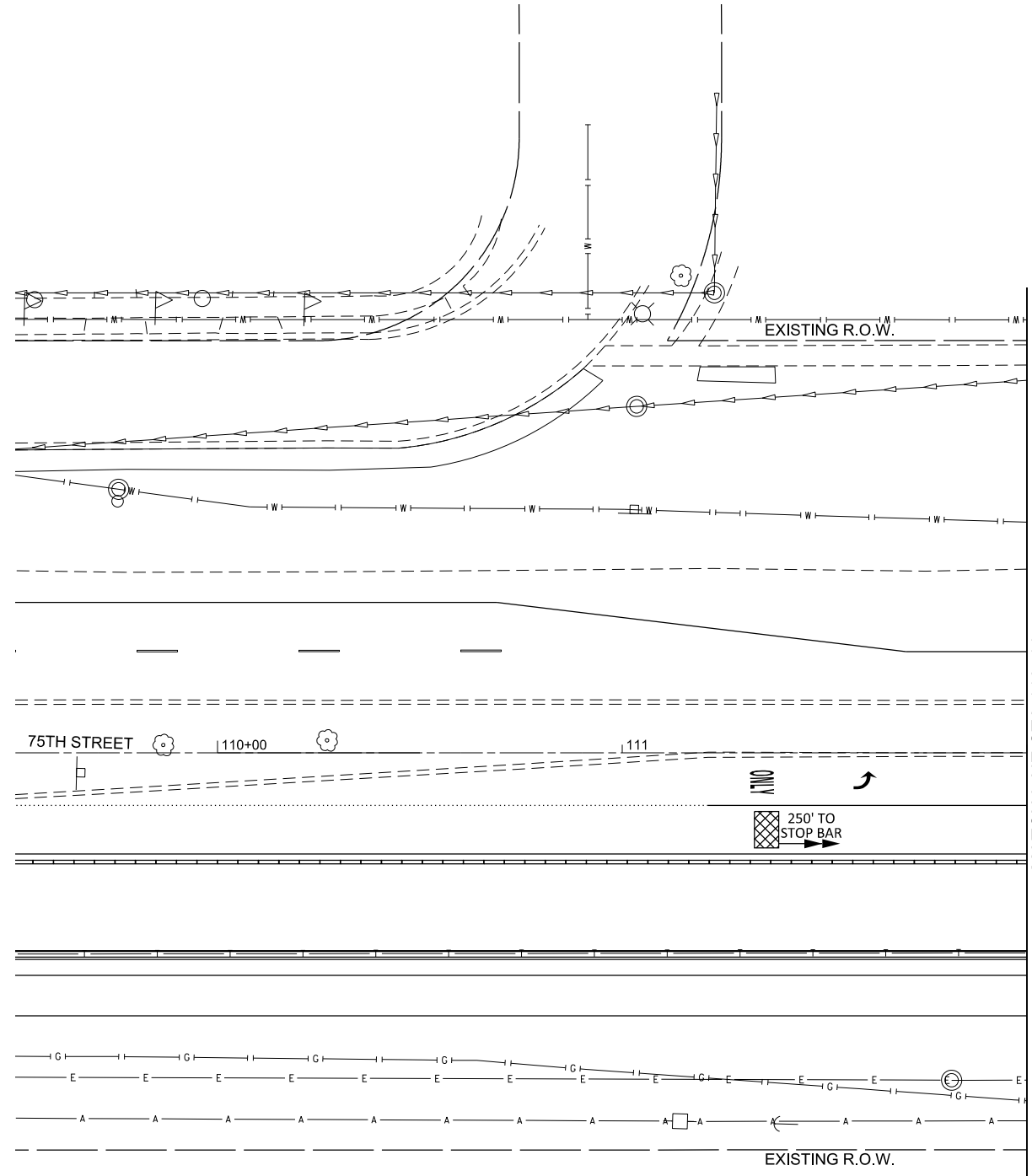
USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 1D (SHEET 1 OF 2)
 SCALE: 1"=20' SHEET 16 OF 90 SHEETS STA. 112+00 TO STA. 117+00

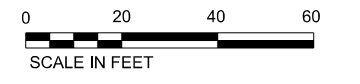
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 334
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-16



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: T:\Fairmount Stage 1d.dwg
 FILE NAME: K:\0369\036917-001-1-01E 75th Street Traffic Signal\Design\Sheet Files\07-D\TTP\016718-ht-Stage 1d.dwg



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISED -	
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

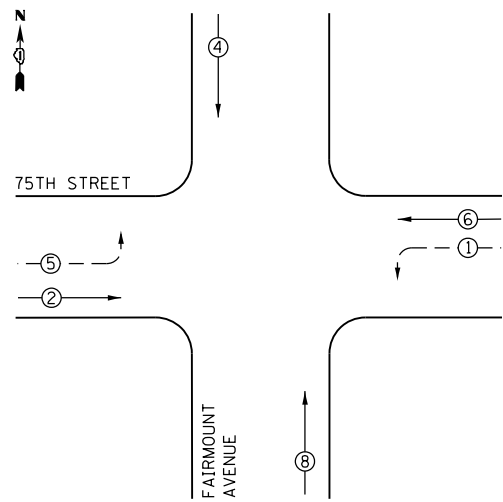
**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRMOUNT AVENUE
 STAGE 1D (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 17 OF 90 SHEETS STA. NA TO STA. NA

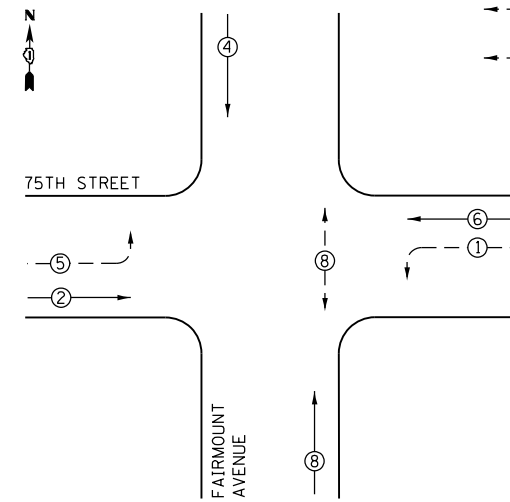
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 335
CONTRACT NO. 61G18			ILLINOIS FED. AID PROJECT	

TS-17

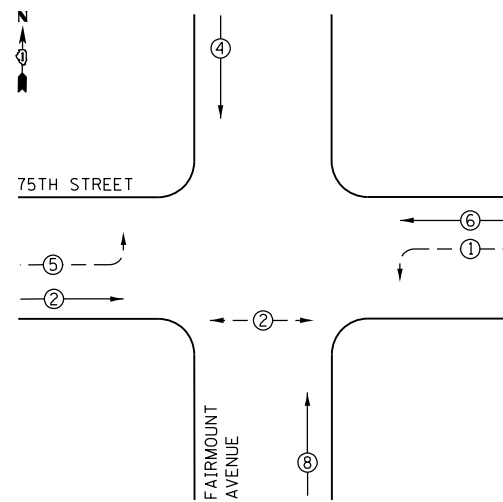
**TEMPORARY
CONTROLLER SEQUENCE
STAGE 1**



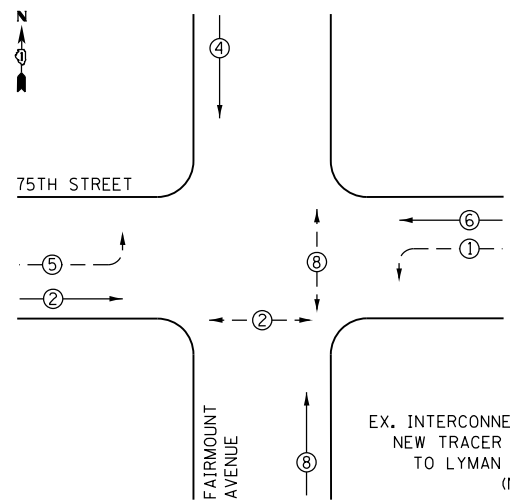
**TEMPORARY
CONTROLLER SEQUENCE
STAGES 1A-1B**



**TEMPORARY
CONTROLLER SEQUENCE
STAGE 1C**

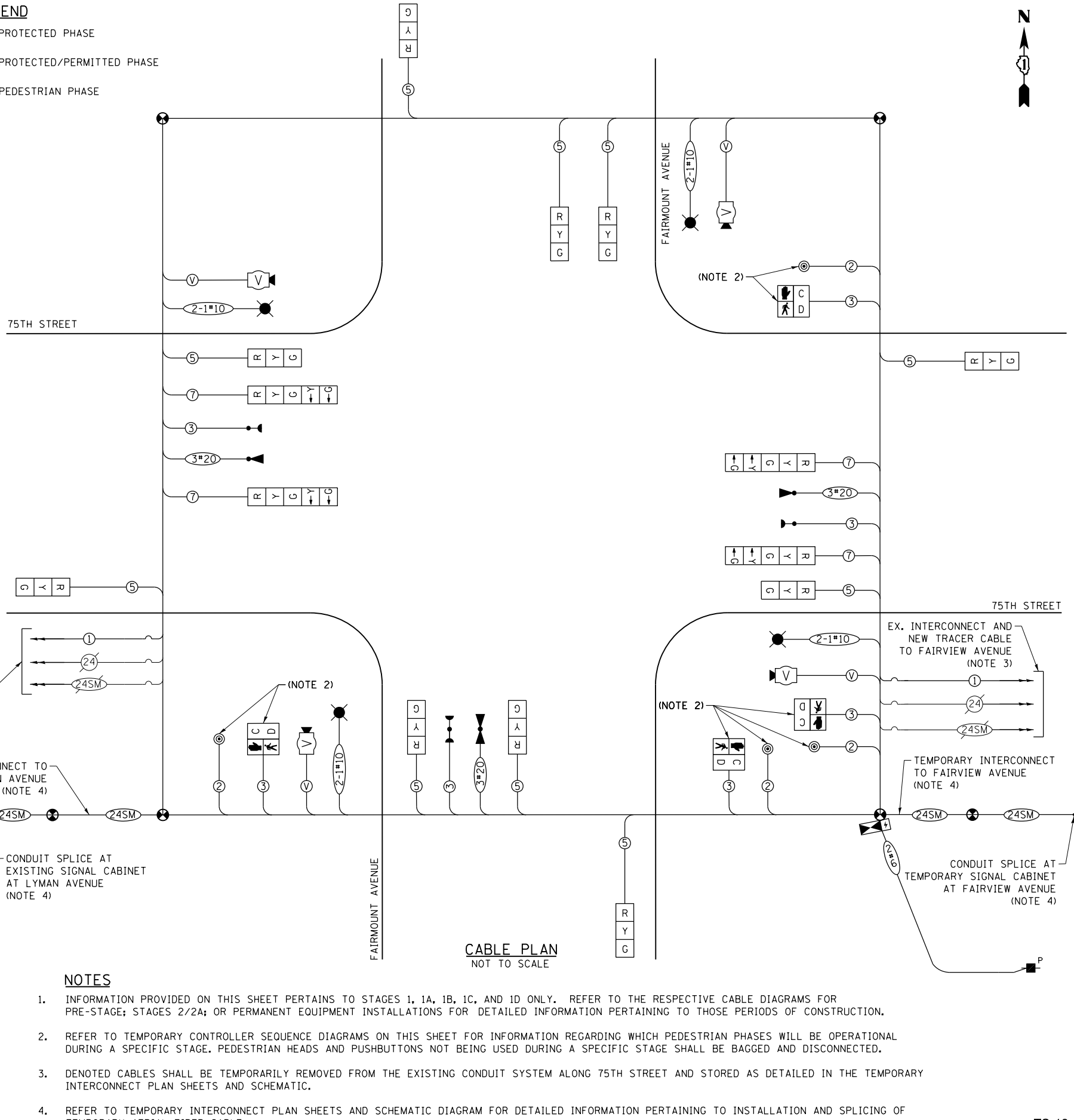


**TEMPORARY
CONTROLLER SEQUENCE
STAGE 1D**



LEGEND

- ⊙ PROTECTED PHASE
- ⊖ PROTECTED/PERMITTED PHASE
- ⊙ PEDESTRIAN PHASE



**CABLE PLAN
NOT TO SCALE**

NOTES

- INFORMATION PROVIDED ON THIS SHEET PERTAINS TO STAGES 1, 1A, 1B, 1C, AND 1D ONLY. REFER TO THE RESPECTIVE CABLE DIAGRAMS FOR PRE-STAGE; STAGES 2/2A; OR PERMANENT EQUIPMENT INSTALLATIONS FOR DETAILED INFORMATION PERTAINING TO THOSE PERIODS OF CONSTRUCTION.
- REFER TO TEMPORARY CONTROLLER SEQUENCE DIAGRAMS ON THIS SHEET FOR INFORMATION REGARDING WHICH PEDESTRIAN PHASES WILL BE OPERATIONAL DURING A SPECIFIC STAGE. PEDESTRIAN HEADS AND PUSHBUTTONS NOT BEING USED DURING A SPECIFIC STAGE SHALL BE BAGGED AND DISCONNECTED.
- DENOTED CABLES SHALL BE TEMPORARILY REMOVED FROM THE EXISTING CONDUIT SYSTEM ALONG 75TH STREET AND STORED AS DETAILED IN THE TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC.
- REFER TO TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC DIAGRAM FOR DETAILED INFORMATION PERTAINING TO INSTALLATION AND SPLICING OF TEMPORARY AERIAL FIBER CABLE.

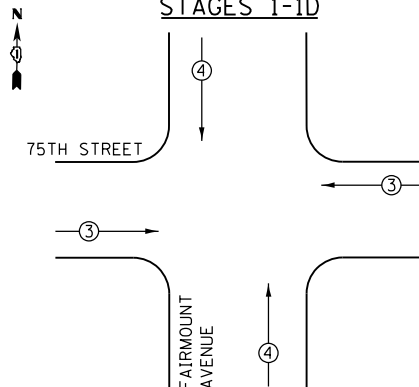
**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
ARROW	8	10	10	8.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	-	75	100	-
TOTAL =				859.6

ENERGY COSTS TO: AMERICAN REALTY CAPITAL PROPERTIES, INC.
2325 E. CAMELBACK ROAD, SUITE 1100
PHOENIX, AZ 85016

ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON
PHONE: (630) 985-4074
COMPANY: COMED LOMBARD ACCOUNT NUMBER: -----

**TEMPORARY EMERGENCY
VEHICLE PREEMPTION SEQUENCE
STAGES 1-1D**



EX. INTERCONNECT AND NEW TRACER CABLES TO LYMAN AVENUE (NOTE 3)

TEMPORARY INTERCONNECT TO LYMAN AVENUE (NOTE 4)

CONDUIT SPLICE AT EXISTING SIGNAL CABINET AT LYMAN AVENUE (NOTE 4)

CONDUIT SPLICE AT TEMPORARY SIGNAL CABINET AT FAIRVIEW AVENUE (NOTE 4)

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND FAIRMOUNT AVENUE: STAGE 1-1D**

SCALE: NTS SHEET 18 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	336
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

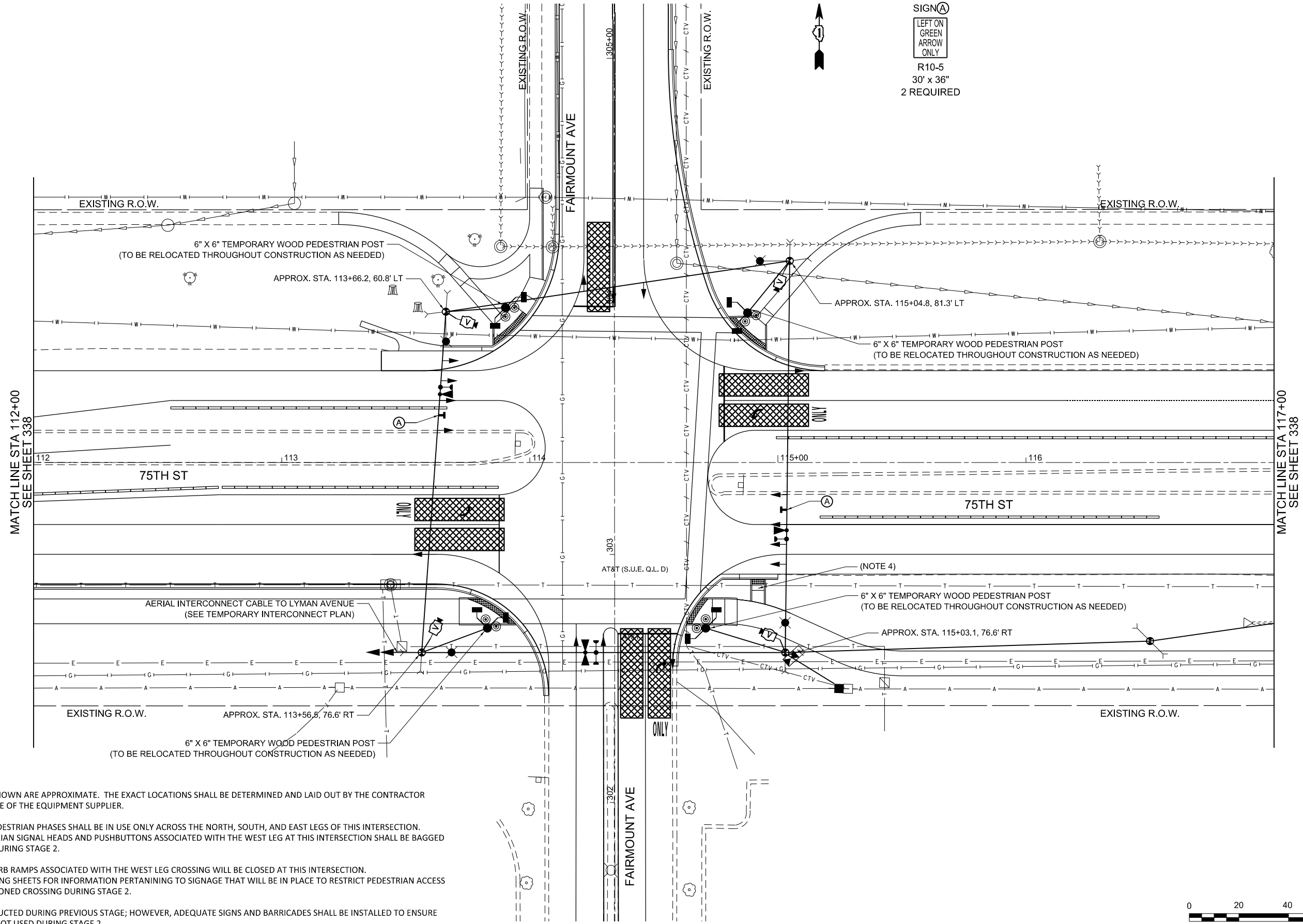
TS-18



USER NAME = LJackson
DESIGNED - NMN
DRAWN - JRB
PLOT SCALE = 40.00 "/in.
CHECKED - TWK
PLOT DATE = 1/9/2020
DATE - 1/9/2020
REVISED -

REVISED -
REVISED -
REVISED -
REVISED -

SIGN (A)
 LEFT ON
 GREEN
 ARROW
 ONLY
 R10-5
 30' x 36"
 2 REQUIRED



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 2, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH, SOUTH, AND EAST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE WEST LEG AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 2.
3. DURING STAGE 2, CURB RAMPS ASSOCIATED WITH THE WEST LEG CROSSING WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSING DURING STAGE 2.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 2.



MODEL: G:\Fairmount Stage 2 Plan
 FILE NAME: K:\Projects\17-004-1-01E-75th Street Traffic Signal\Design\Sheet Files\08 D:\DTP\16718-sh2-Stage 2.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

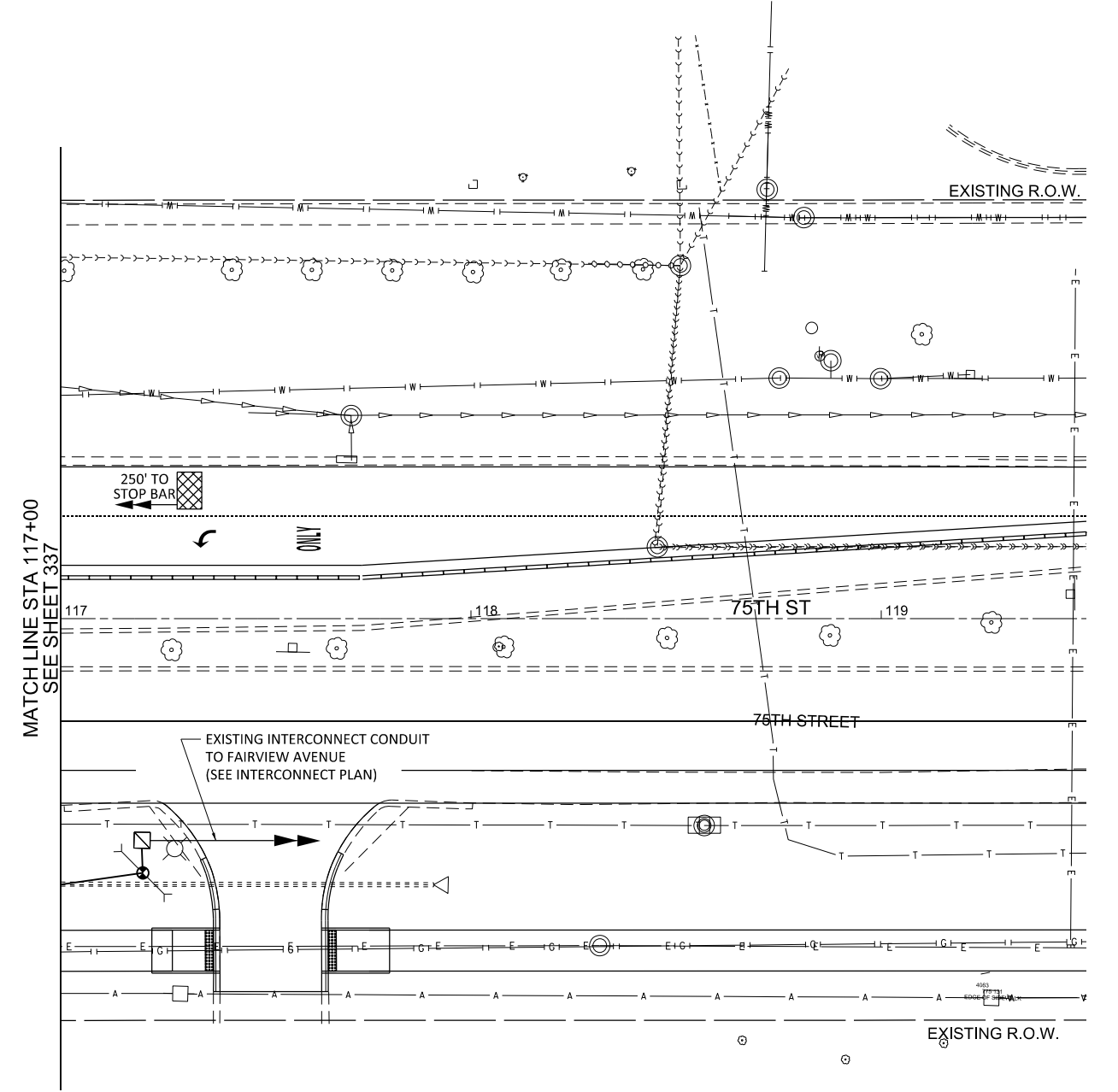
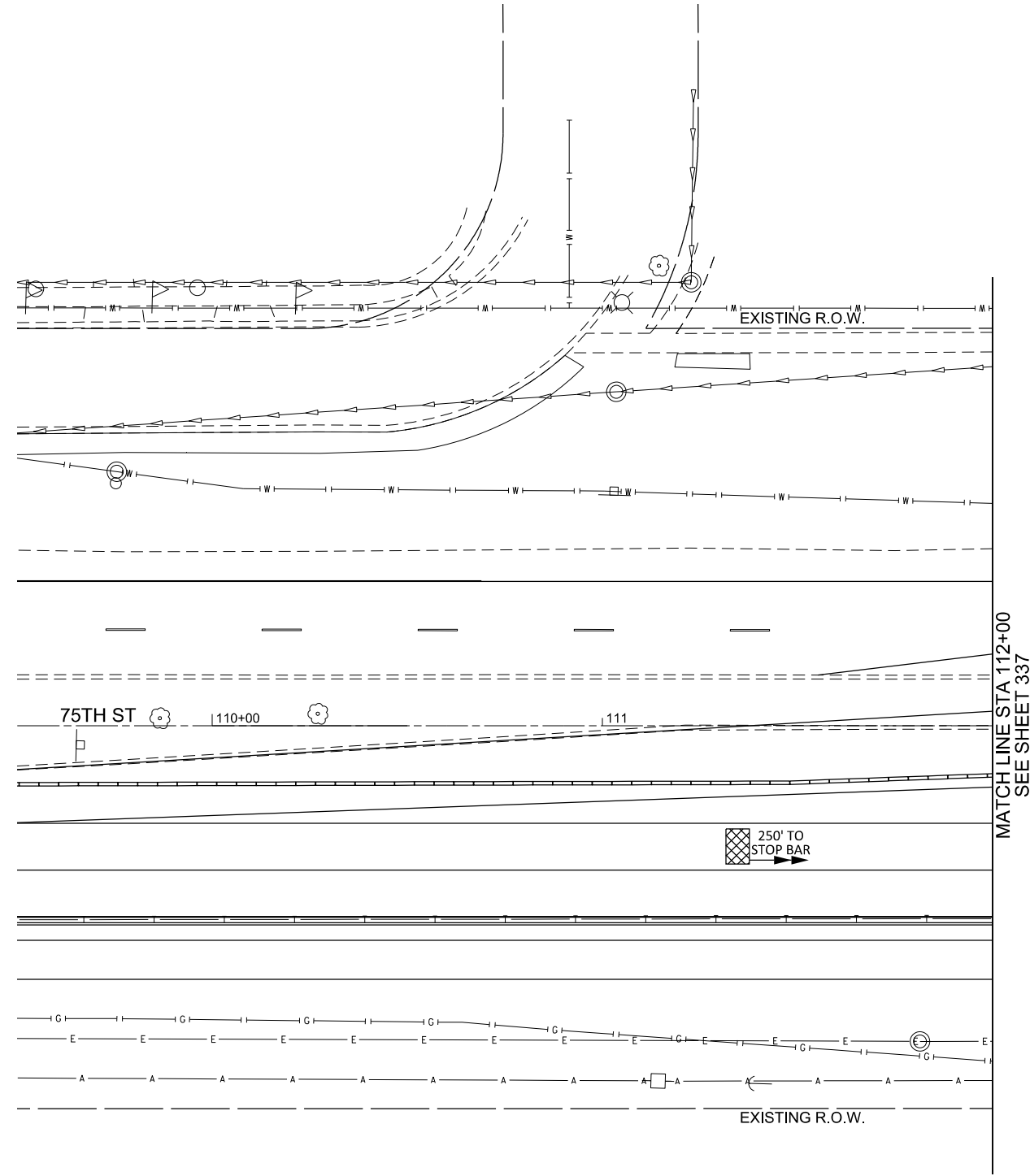
**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRMOUNT AVENUE
 STAGE 2 (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 19 OF 90 SHEETS STA. 112+00 TO STA. 117+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	337
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

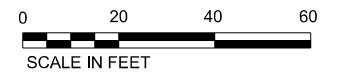
TS-19

MODEL: 00 Fairmount Stage 2 Plan
 FILE NAME: K:\03\3233\7504\1-1-17\75th Street Traffic Signal\Design\Sheet Files\08 D:\TP\167167-167167-2.dgn



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISED -	
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 2 (SHEET 2 OF 2)

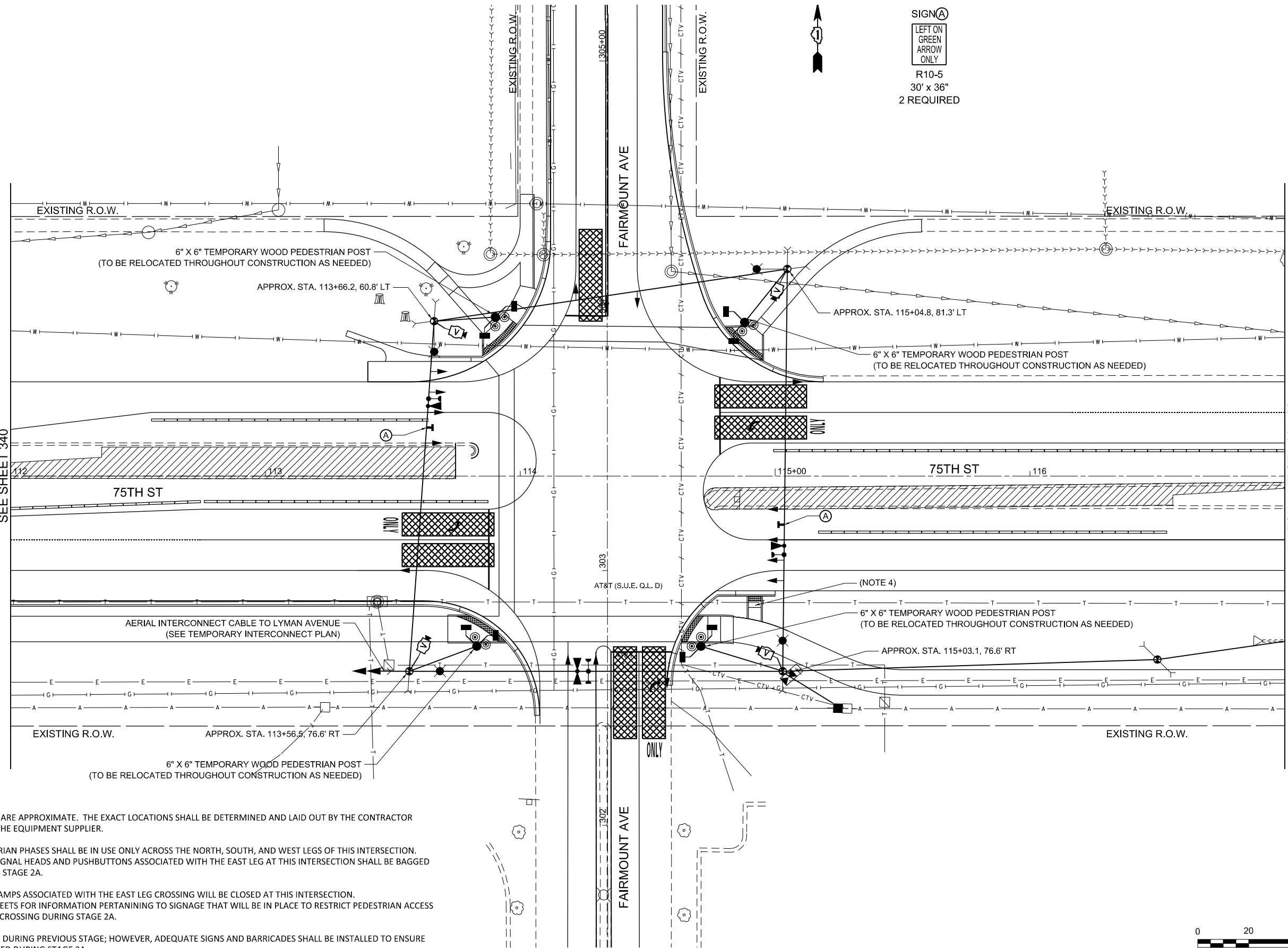
SCALE: 1"=20' SHEET 20 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	338
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-20

SIGN (A)
LEFT ON GREEN
ARROW
ONLY

R10-5
30' x 36"
2 REQUIRED



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 2A, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH, SOUTH, AND WEST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE EAST LEG AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 2A.
3. DURING STAGE 2A, CURB RAMPS ASSOCIATED WITH THE EAST LEG CROSSING WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSING DURING STAGE 2A.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 2A.



MODEL: 01 Fairmount Stage 2a Plan
FILE NAME: K:\0369\17-004-1-11E 75th Street Traffic Signal Design\Sheet Files\00 D:\DTP\016718-sh2-Stage 2a.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1in.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

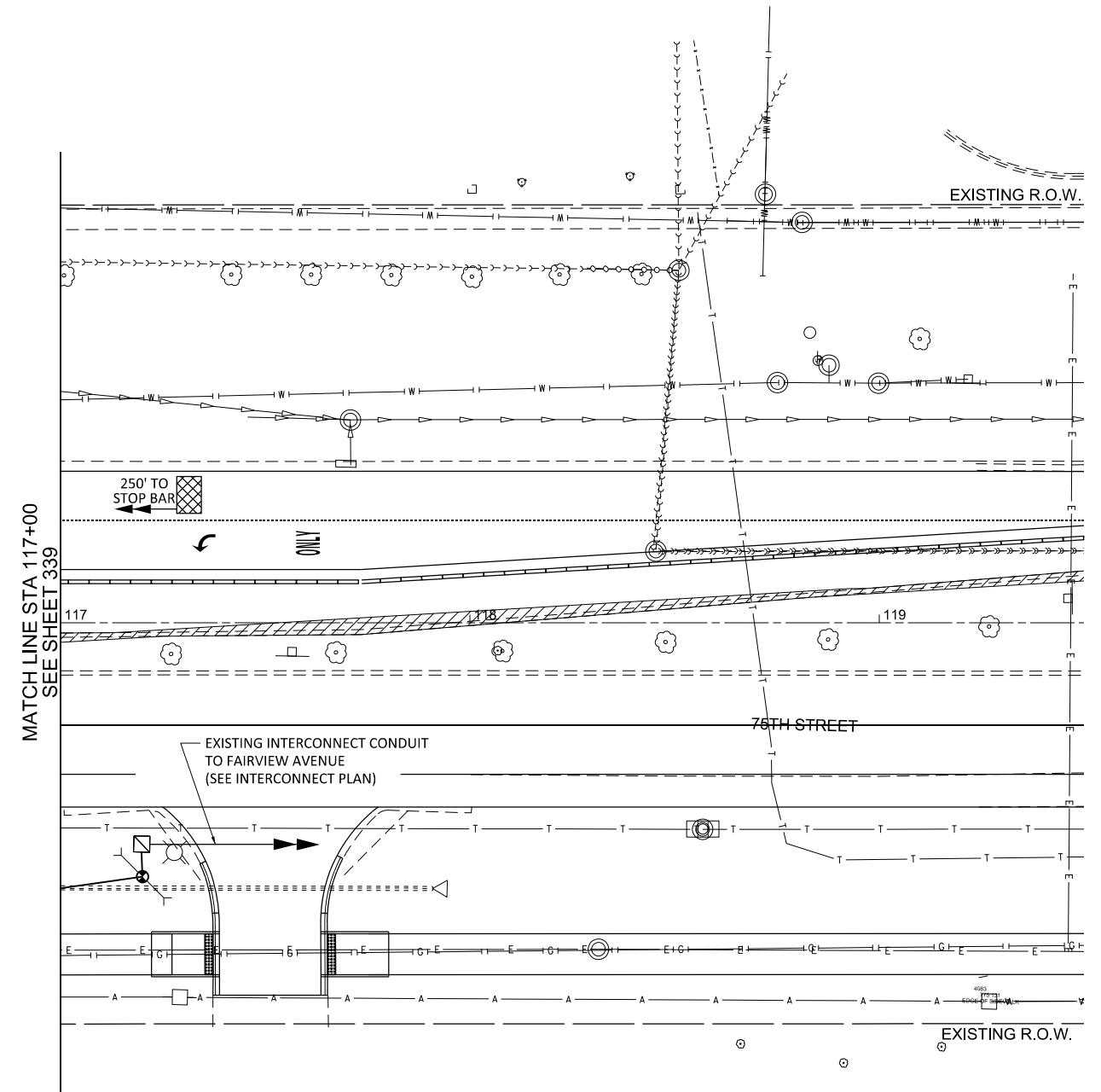
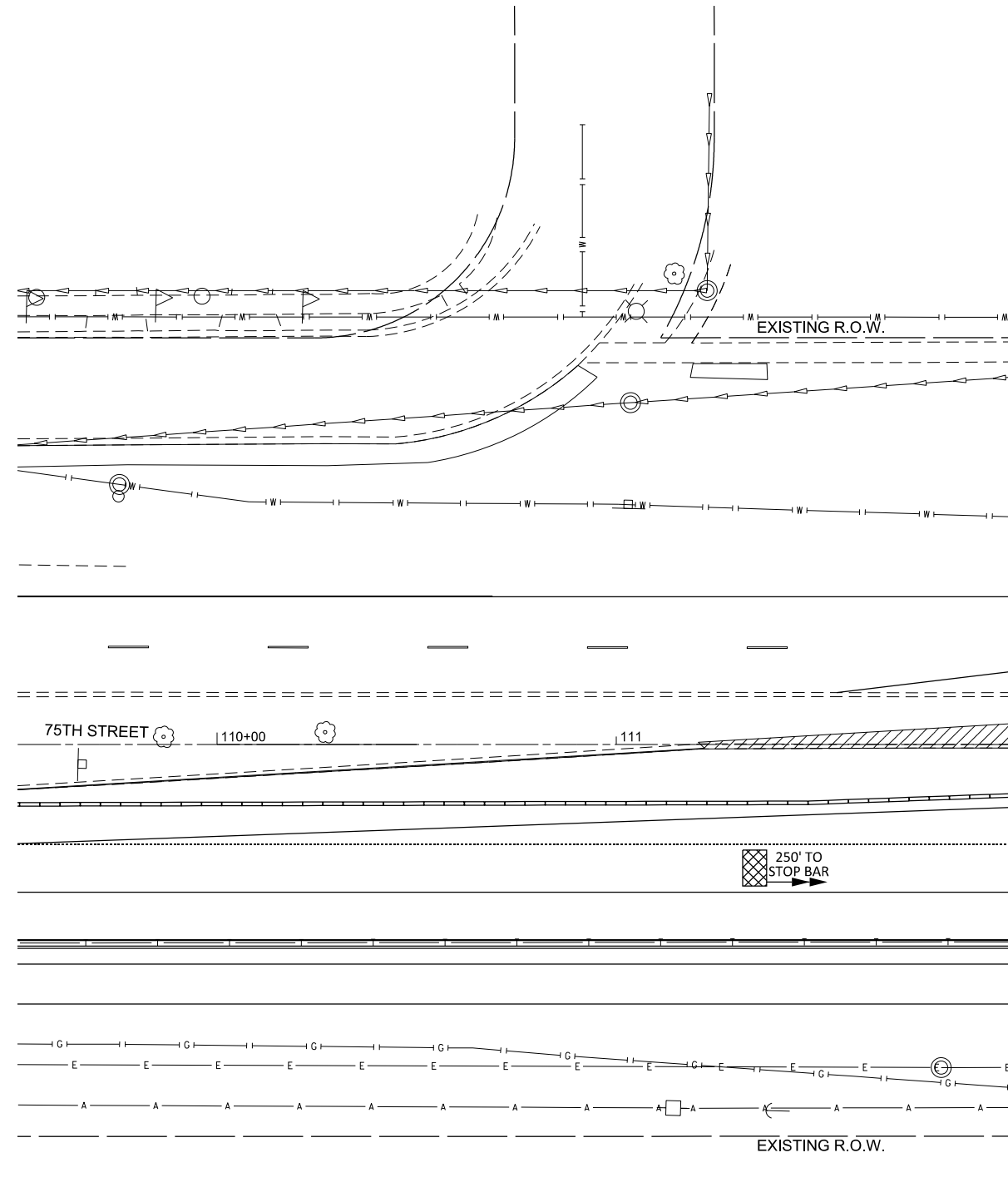
**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 2A (SHEET 1 of 2)**

SCALE: 1"=20' SHEET 21 OF 90 SHEETS STA. 112+00 TO STA. 117+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	339
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-21

MODEL: D:\Illinois\Stage 2a.dgn
 FILE NAME: K:\03030471-001-1-01E 75th Street Traffic Signal\Design\Sheet files\00 D:\ITP\016718-hh-Stage 2a.dgn



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISIONS -	
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

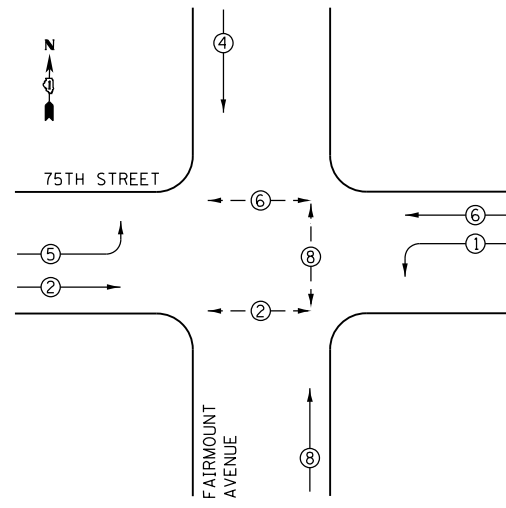
**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRMOUNT AVENUE
 STAGE 2A (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 22 OF 90 SHEETS STA. NA TO STA. NA

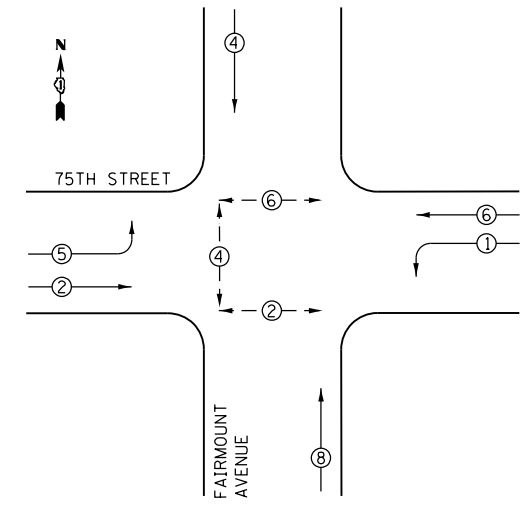
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 340
CONTRACT NO. 61G18			ILLINOIS FED. AID PROJECT	

TS-22

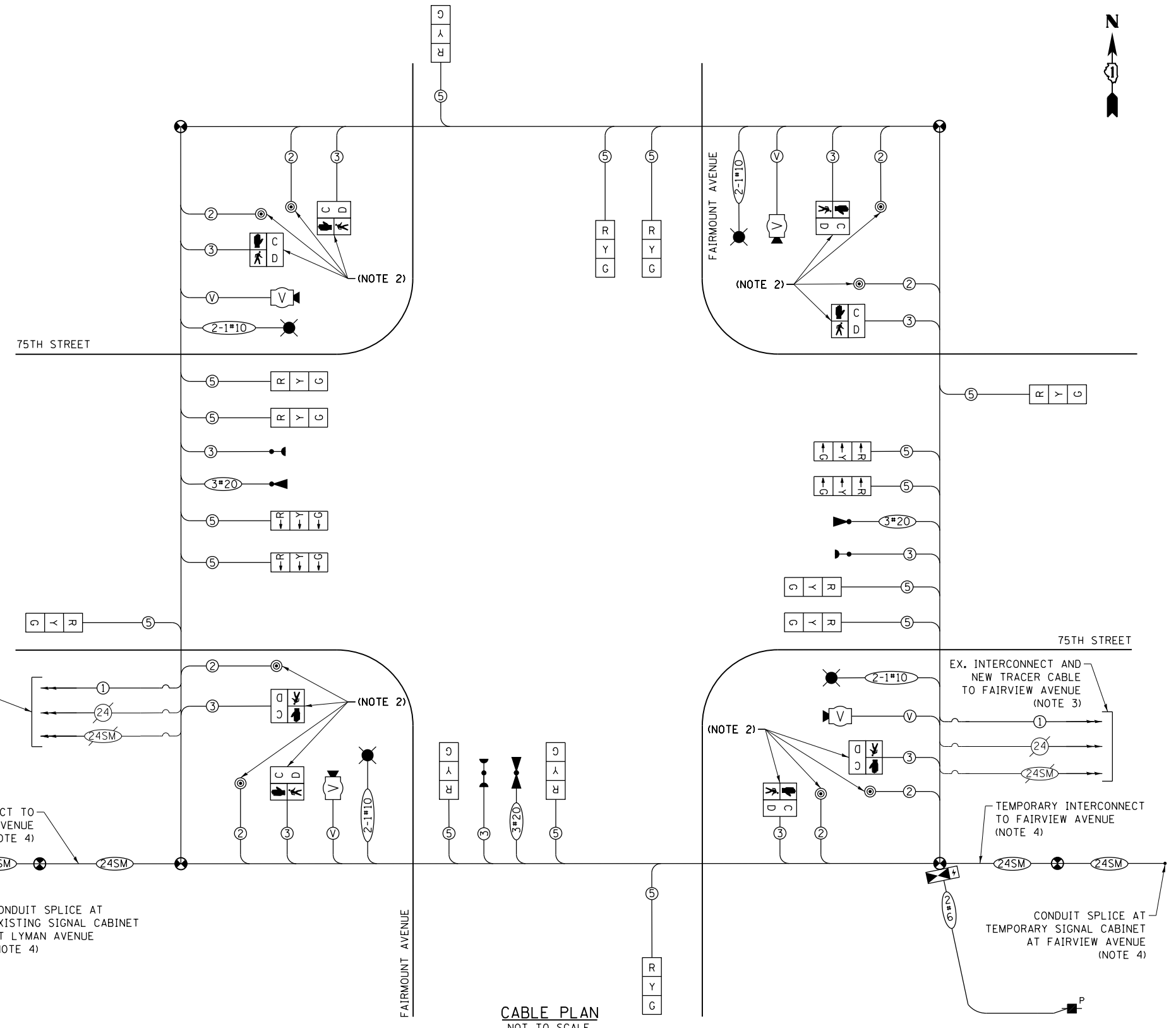
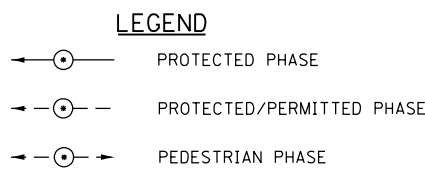
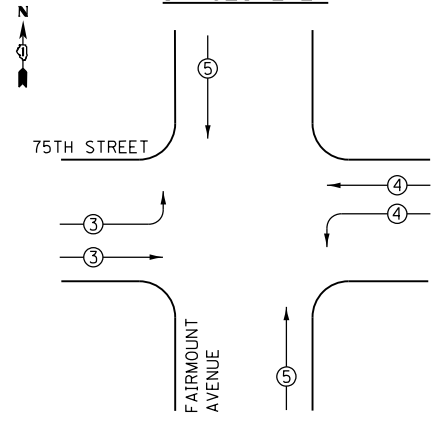
TEMPORARY CONTROLLER SEQUENCE STAGE 2



TEMPORARY CONTROLLER SEQUENCE STAGE 2A



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE STAGES 2-2A



CABLE PLAN
NOT TO SCALE

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
ARROW	-	10	10	-
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	-	75	100	-
TOTAL =				955.4

ENERGY COSTS TO: AMERICAN REALTY CAPITAL PROPERTIES, INC.
2325 E. CAMELBACK ROAD, SUITE 1100
PHOENIX, AZ 85016

ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON
PHONE: (630) 985-4074
COMPANY: COMED LOMBARD ACCOUNT NUMBER: - - - -

NOTES

1. INFORMATION PROVIDED ON THIS SHEET PERTAINS TO STAGES 2 AND 2A ONLY. REFER TO THE RESPECTIVE CABLE DIAGRAMS FOR PRE-STAGE; STAGES 1/1A/1B/1C/1D; OR PERMANENT EQUIPMENT INSTALLATIONS FOR DETAILED INFORMATION PERTAINING TO THOSE PERIODS OF CONSTRUCTION.
2. REFER TO TEMPORARY CONTROLLER SEQUENCE DIAGRAMS ON THIS SHEET FOR INFORMATION REGARDING WHICH PEDESTRIAN PHASES WILL BE OPERATIONAL DURING A SPECIFIC STAGE. PEDESTRIAN HEADS AND PUSHBUTTONS NOT BEING USED DURING A SPECIFIC STAGE SHALL BE BAGGED AND DISCONNECTED.
3. DENOTED CABLES SHALL BE TEMPORARILY REMOVED FROM THE EXISTING CONDUIT SYSTEM ALONG 75TH STREET AND STORED AS DETAILED IN THE TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC.
4. REFER TO TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC DIAGRAM FOR DETAILED INFORMATION PERTAINING TO INSTALLATION AND SPLICING OF TEMPORARY AERIAL FIBER CABLE.

MODEL: 03 Fairmount Stage 2-2a Cable Plan.dwg
FILE NAME: K:\03030307\001-101E-75th Street Traffic Signal\Design\Sheet Files\03 DTD\016718-eh-ht-Stage 2a.dwg



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

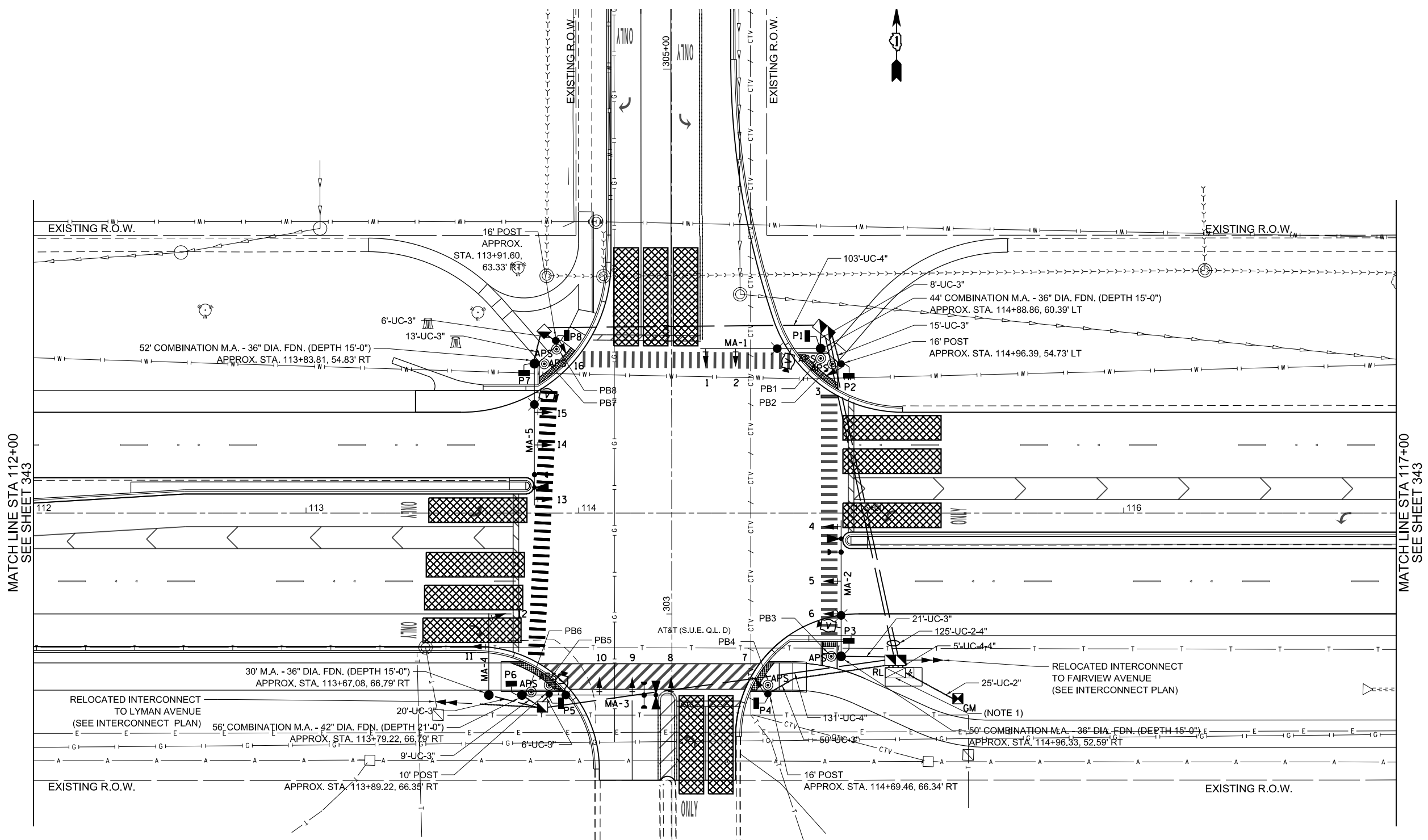
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND FAIRMOUNT AVENUE: STAGE 2-2A**

SCALE: NTS SHEET 23 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 341
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-23



NOTES:

1. INSTALL RELOCATED EXISTING TRAFFIC SIGNAL CONTROLLER CABINET AND UPS ASSEMBLY ON NEW CONCRETE FOUNDATION.
2. ALL COMBINATION MAST ARM POLES SHALL INCLUDE A 15' LUMINAIRE ARM AT A MOUNTING HEIGHT OF 45'.
3. THE CITY OF DARIEN USES "OPTICOM" BRAND EMERGENCY VEHICLE PRIORITY (EVP) EQUIPMENT. THE LIGHT DETECTOR AMPLIFIER SHALL BE COMPATIBLE WITH BOTH INFRARED AND GPS EVP SYSTEMS.



MODEL: 04 (Environment Modeling Plus)
 FILE NAME: K:\Projects\17-004-1-01E-75th Street Traffic Signal\Design\Sheet Files\10-D\TDP\00718-shr-modernization.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

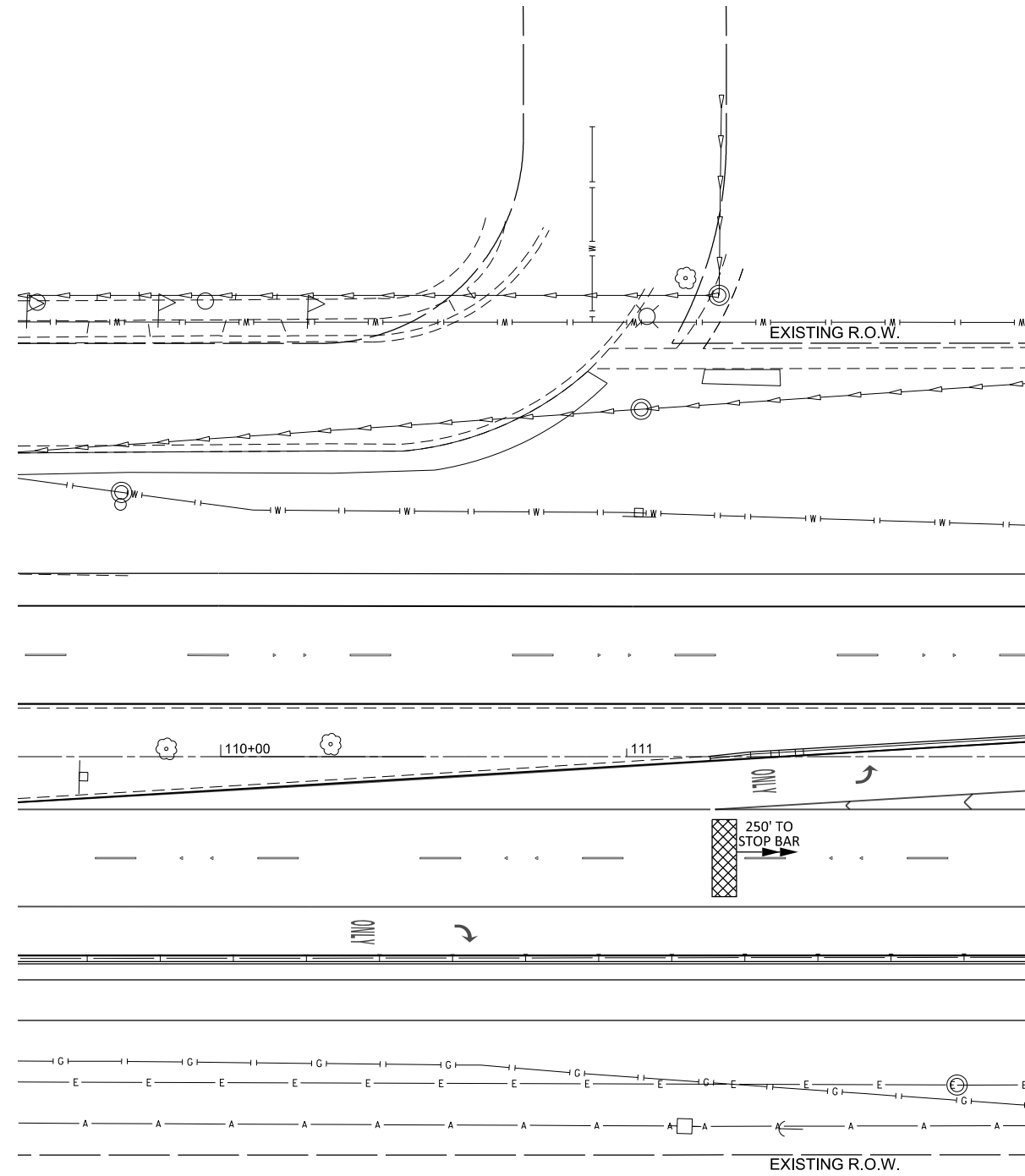
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
75TH STREET AND FAIRMOUNT AVENUE
(SHEET 1 OF 2)**

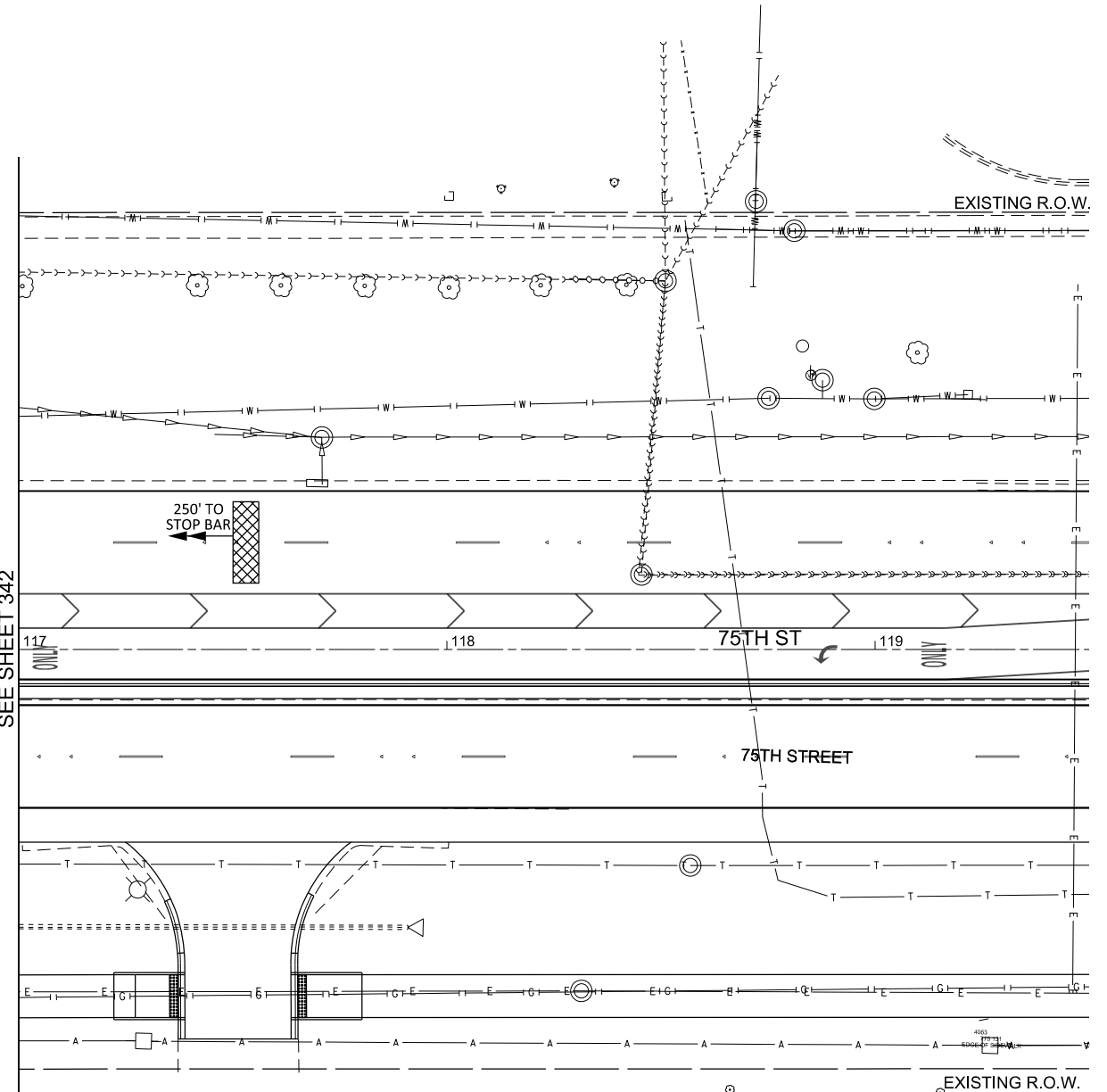
SCALE: 1"=20' SHEET 24 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	342
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-24



MATCH LINE STA 112+00
SEE SHEET 342



MATCH LINE STA 117+00
SEE SHEET 342

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL OF Equipment Modernization Plan
FILE NAME: K:\0369\036917-001-1-01E 75th Street Traffic Signal Design\Sheet Files\10 D:\DTP\036917-001-1-01E 75th Street Traffic Signal Design\Sheet Files\10 D:\DTP\036917-001-1-01E 75th Street Traffic Signal Design\Sheet Files\10



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

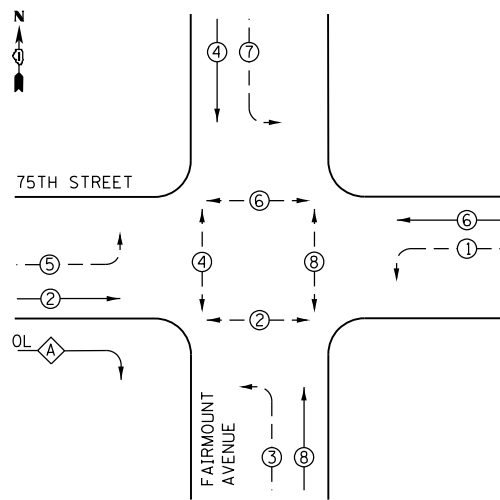
**TRAFFIC SIGNAL MODERNIZATION PLAN
75TH STREET AND FAIRMOUNT AVENUE
(SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 25 OF 90 SHEETS STA. NA TO STA. NA

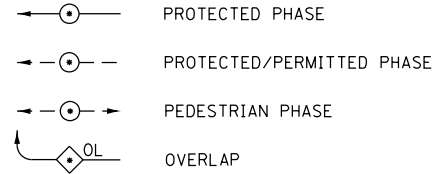
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 343
CONTRACT NO. 61G18			ILLINOIS FED. AID PROJECT	

TS-25

PROPOSED CONTROLLER SEQUENCE



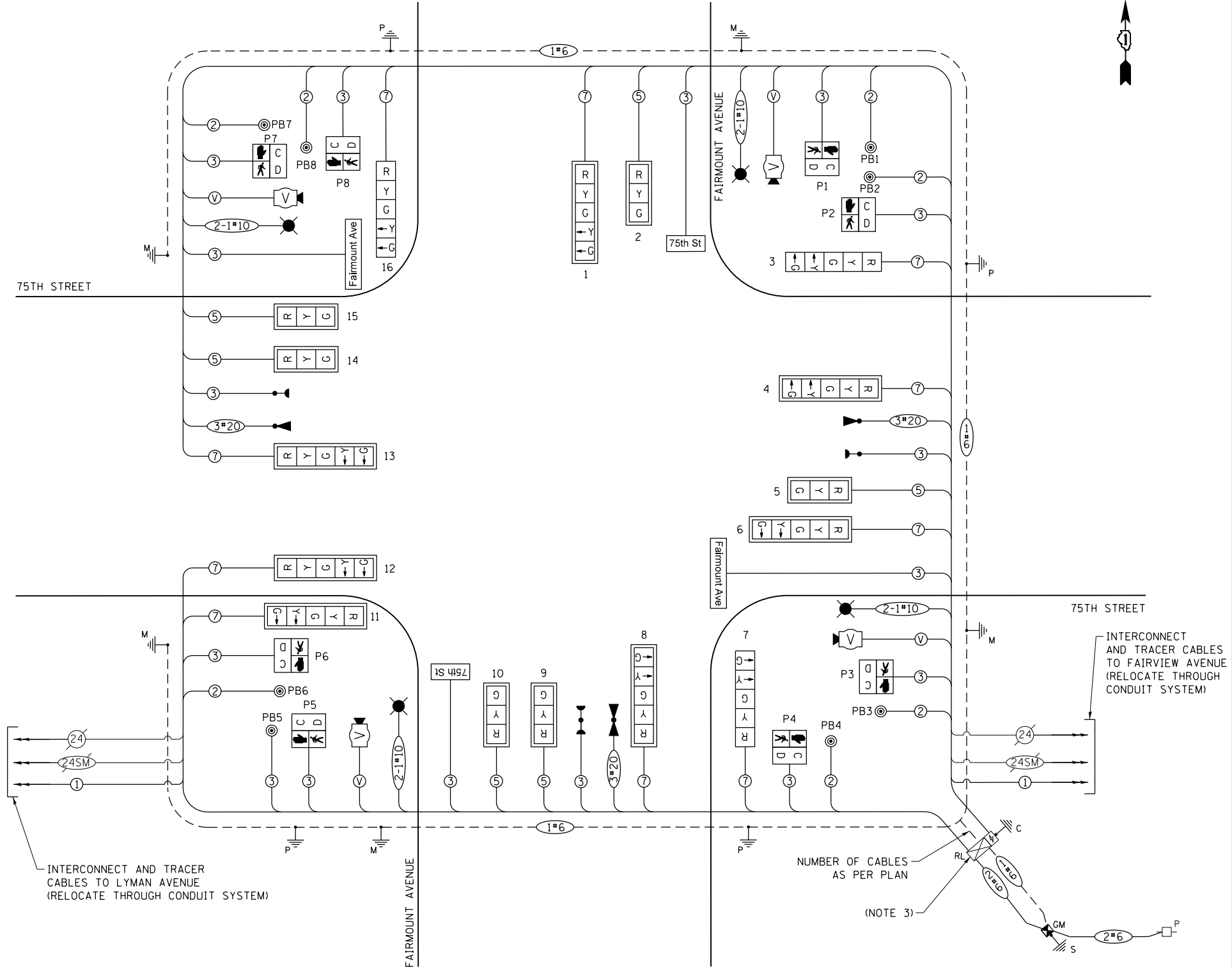
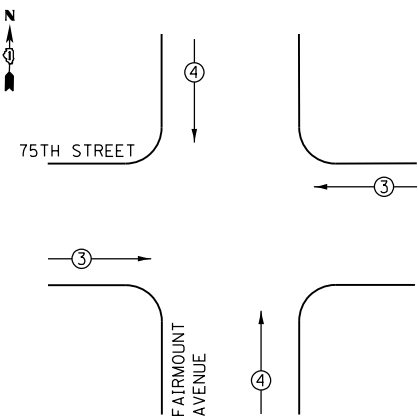
LEGEND



PROPOSED RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
NOT TO SCALE

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
ARROW	20	10	10	20.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	-	75	100	-
TOTAL =				1,215.4

ENERGY COSTS TO: AMERICAN REALTY CAPITAL PROPERTIES, INC.
2325 E. CAMELBACK ROAD, SUITE 1100
PHOENIX, AZ 85016

ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON
PHONE: (630) 985-4074
COMPANY: COMED LOMBARD ACCOUNT NUMBER: -----

NOTES

1. THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.
2. LED INTERNALLY ILLUMINATED STREET NAME SIGNS AND LUMINAIRES SHALL NOT BE CONNECTED TO THE UNINTERRUPTABLE POWER SUPPLY.
3. EXISTING CONTROLLER CABINET AND UPS SHALL BE RELOCATED TO NEW CONCRETE FOUNDATION.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND FAIRMOUNT AVENUE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	344
CONTRACT NO. 61G18				

MODEL: 06 Fairmount Mechanical Cable Diagram
 FILE NAME: K:\0369\0369\17-0001-101E 75th Street Traffic Signals (0) (P) (g) Design Sheet files\10 D:\DTP\106718-eh-mechanical\cable.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1" =	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

SCALE: NTS SHEET 26 OF 90 SHEETS STA. NA TO STA. NA

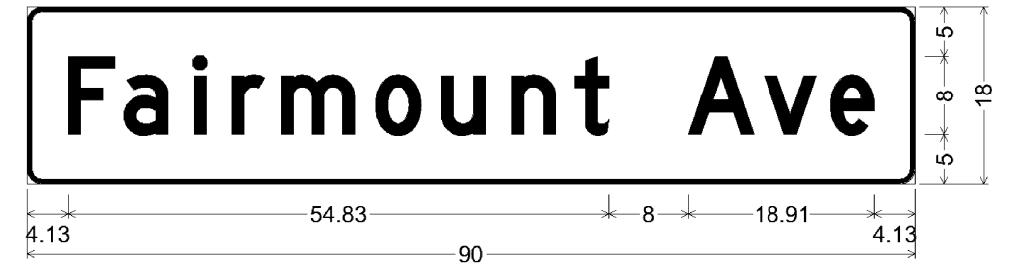
TS-26

ILLINOIS FED. AID PROJECT

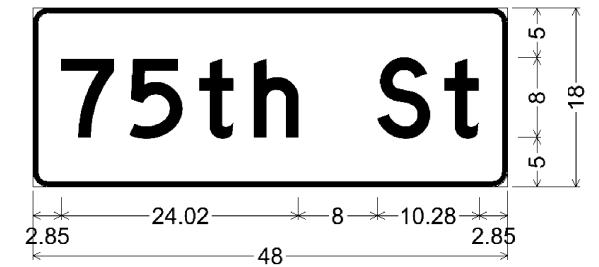
SCHEDULE OF QUANTITIES

ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	50
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	180
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	520
81400100	HANDHOLE	EACH	2
81400300	DOUBLE HANDHOLE	EACH	2
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,850
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,510
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,290
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,520
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2,180
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	90
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	570
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87703010	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
87900200	DRILL EXISTING HANDHOLE	EACH	1
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	13
88700200	LIGHT DETECTOR	EACH	3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	5
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
XX009046	VEHICLE DETECTION SYSTEM, SPECIAL	EACH	1
X0326656	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET, COMPLETE	EACH	1
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	770
X0327211	RELOCATE SWITCH	EACH	2
X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
X1400238	LUMINAIRE, LED, SPECIAL	EACH	4
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
	CABLE, SPECIAL	FOOT	860



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	11.25	LED SNS	ZZ	2 (TWO-SIDED)



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.00	LED SNS	ZZ	2 (TWO-SIDED)

MODEL: 07 Fairmount Quantities.dwg
FILE NAME: K:\0369\17-001-1-01E-75th Street Traffic Signals (D:\P\p\p)\Design\Sheet files\10 D:\DTP\00718-htr-moendm-rainbow.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1 in.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

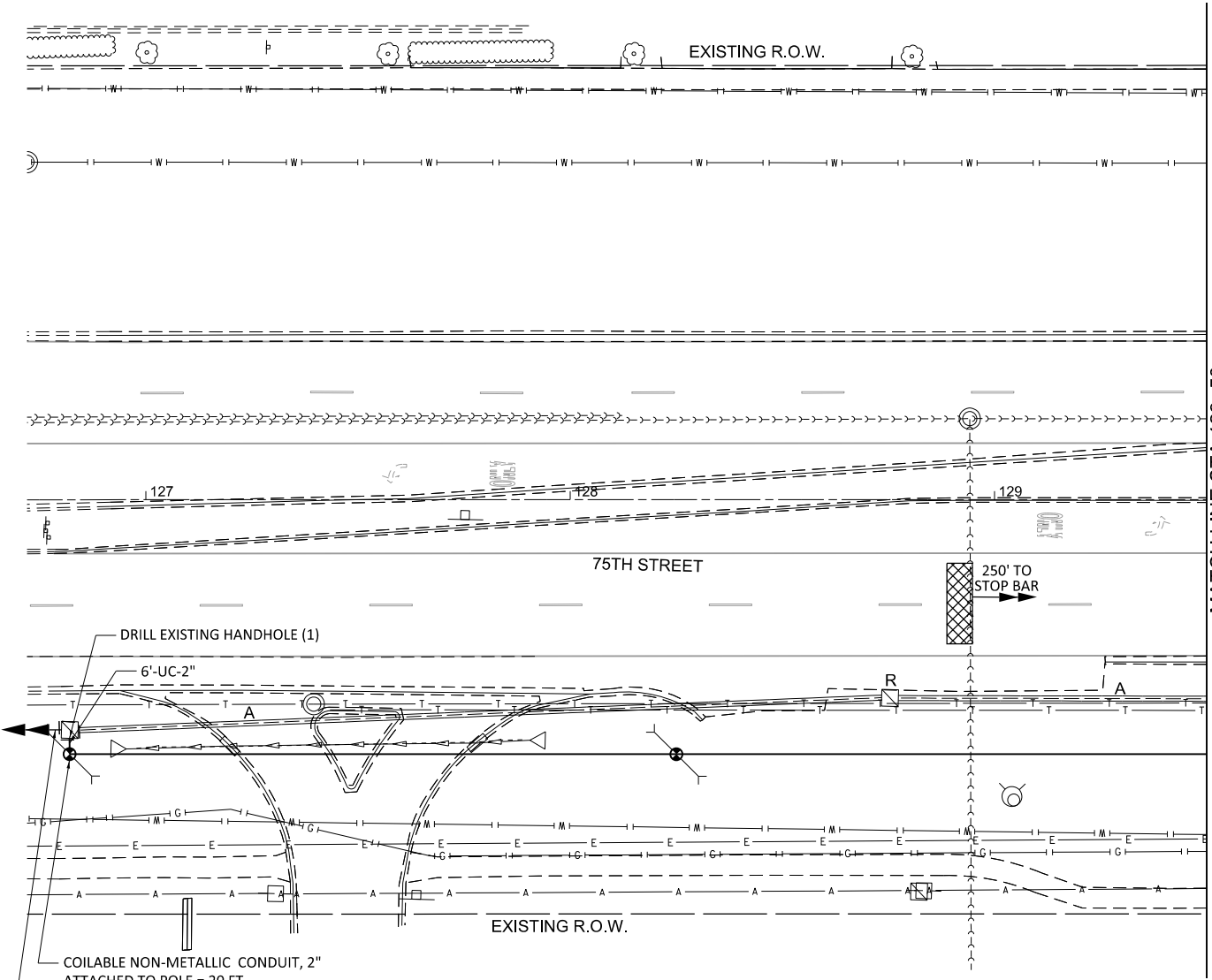
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
75TH STREET AND FAIRMOUNT AVENUE**

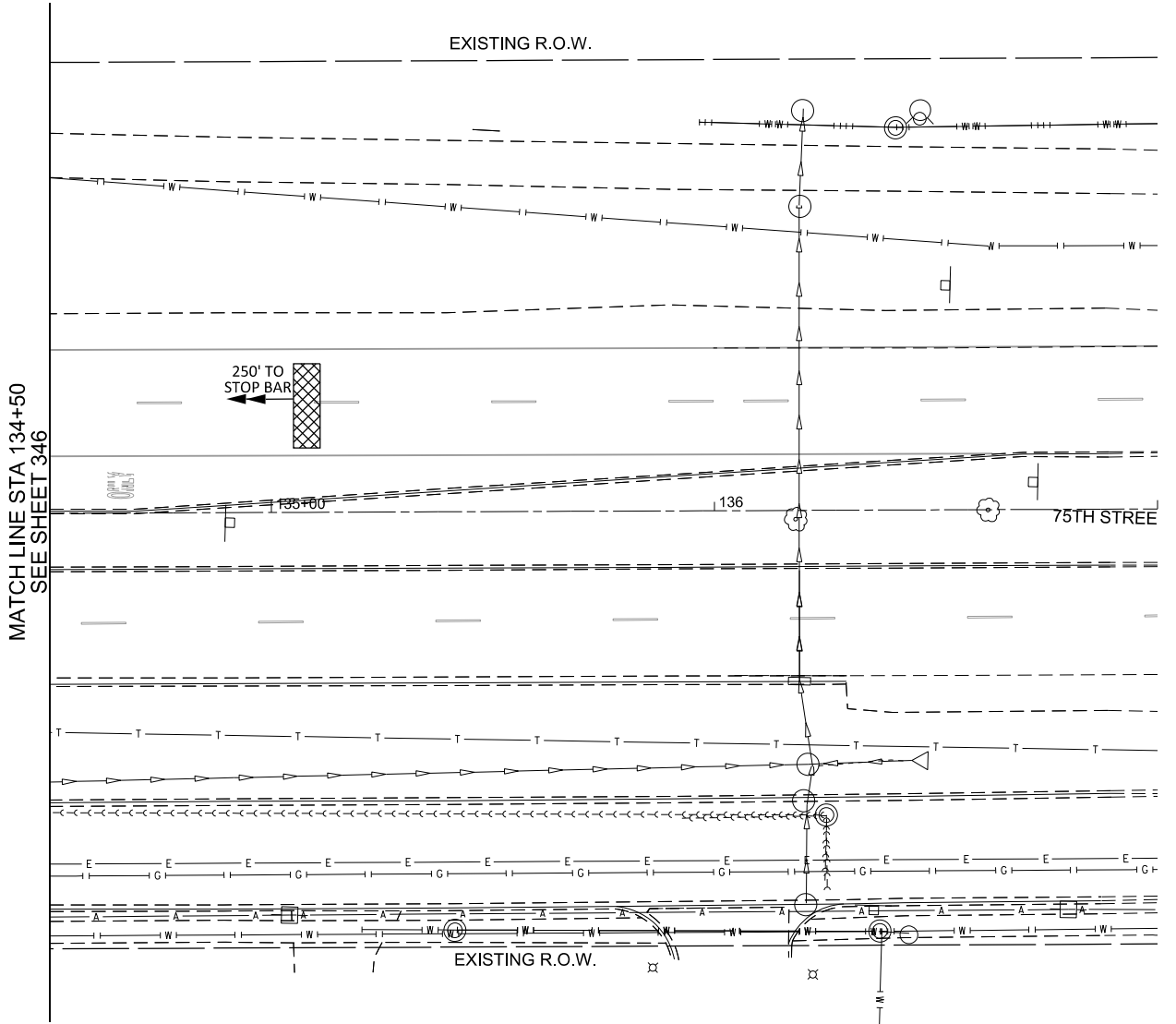
SCALE: NTS SHEET 27 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 345
CONTRACT NO. 61G18				ILLINOIS FED. AID PROJECT

TS-27



MATCH LINE STA 129+50
SEE SHEET 346



MATCH LINE STA 134+50
SEE SHEET 346

DRILL EXISTING HANDHOLE (1)
6'-UC-2"
COILABLE NON-METALLIC CONDUIT, 2"
ATTACHED TO POLE = 20 FT.
AERIAL INTERCONNECT CABLE
TO FAIRMOUNT AVENUE
(SEE TEMPORARY INTERCONNECT PLAN)

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. NOTED INTERCONNECT EQUIPMENT NOT INTENDED FOR USE WITH TEMPORARY INTERCONNECT PLAN.



MODEL: 00 File: 16w Prestage Plan
FILE NAME: K:\03\347\17-504-1-1-17-75th Street Traffic Signals (D:\P\p\Design\Sheet files\02 D:\DTP\016718-traffic\signal_prestage.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

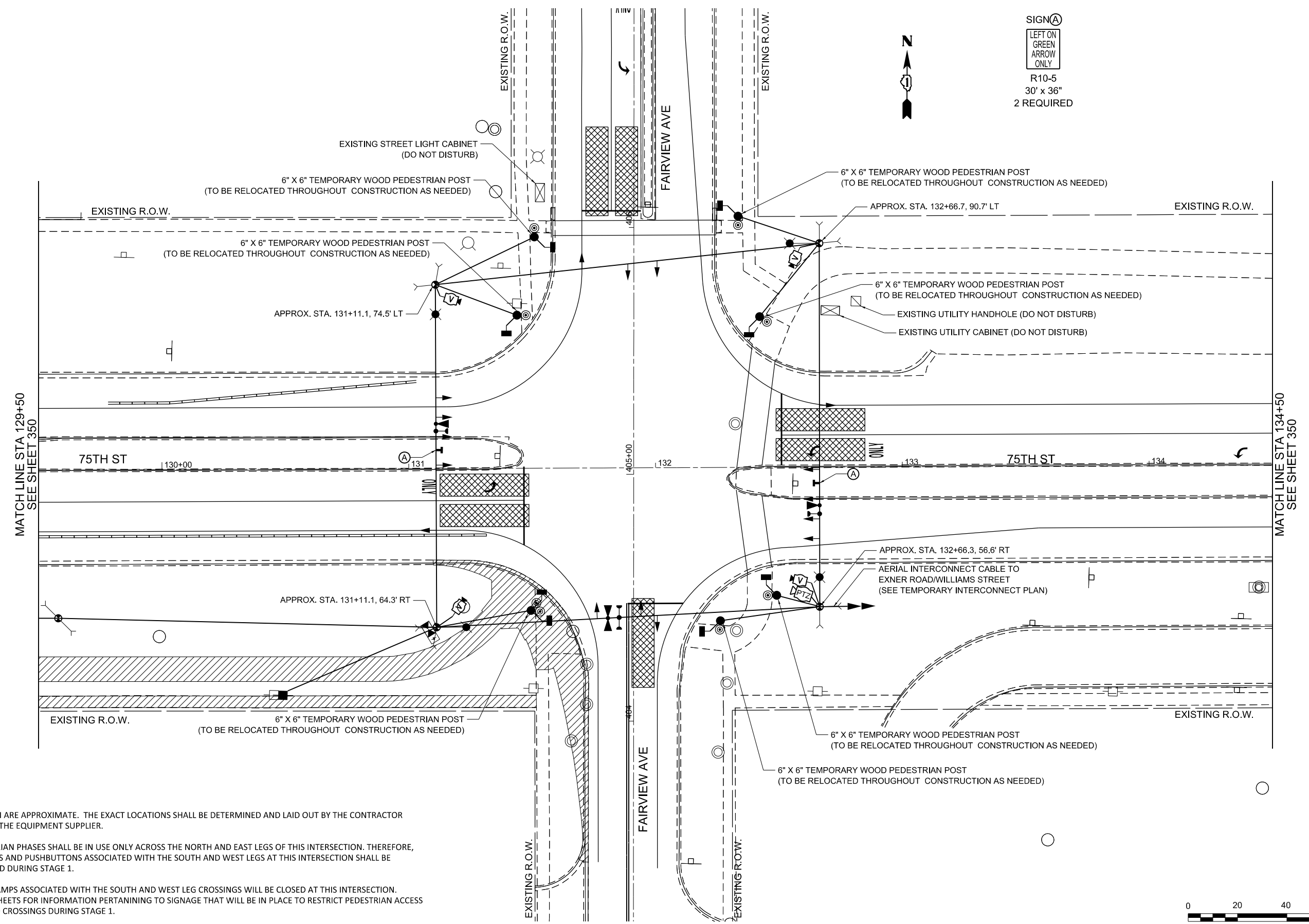
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
PRESTAGE (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 29 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 347
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-29

SIGN (A)
 LEFT ON GREEN
 ARROW ONLY
 R10-5
 30' x 36"
 2 REQUIRED



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH AND EAST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE SOUTH AND WEST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1.
3. DURING STAGE 1, CURB RAMPS ASSOCIATED WITH THE SOUTH AND WEST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1.



MODEL: 01 E:\1-fair-view Stage 1.dgn
 FILE NAME: K:\CH\2020\17-004\1-1-17-75th Street Traffic Signal\Design\Sheet Files\03 D:\DTP\016718-eh-ht-Stage 1.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

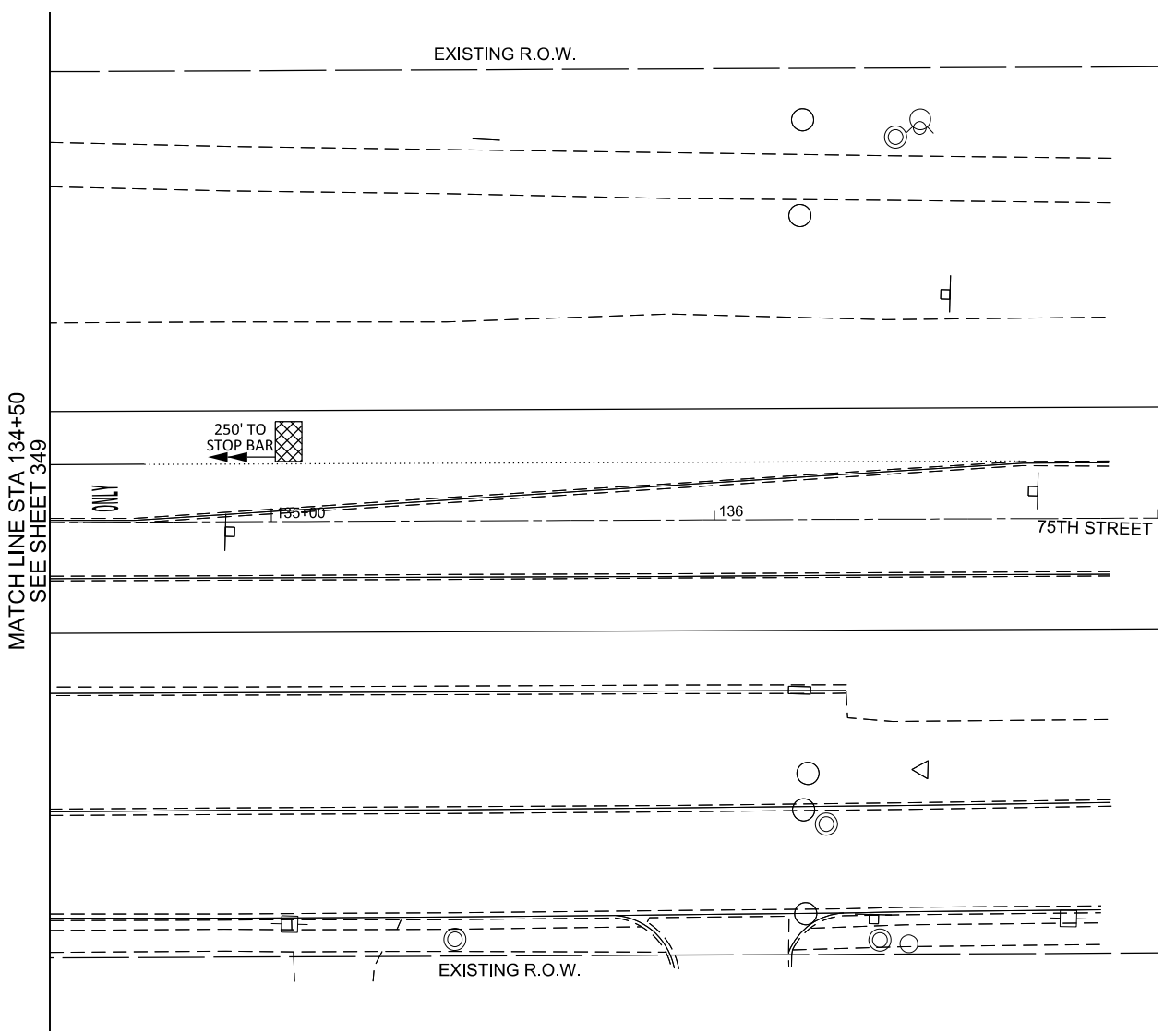
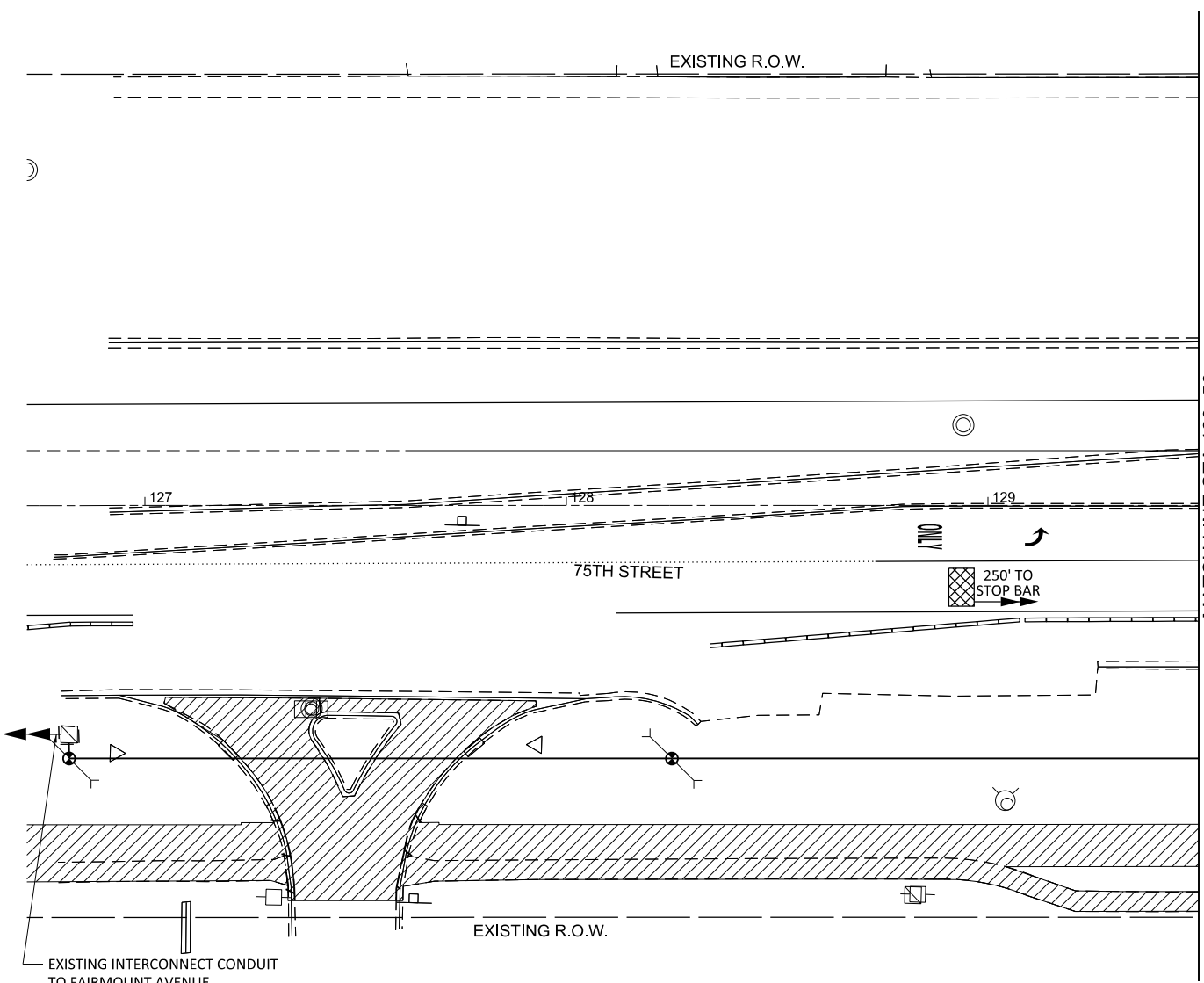
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRVIEW AVENUE
 STAGE 1 (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 31 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	349
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-31



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: 03 F:\16-fair-view Stage 1.dgn
 FILE NAME: K:\CH\2020\17-004-1-01E-75th Street Traffic Signal Design\Sheet Files\03 D:\DTP\016718-eh-Stage 1.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISED -	
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

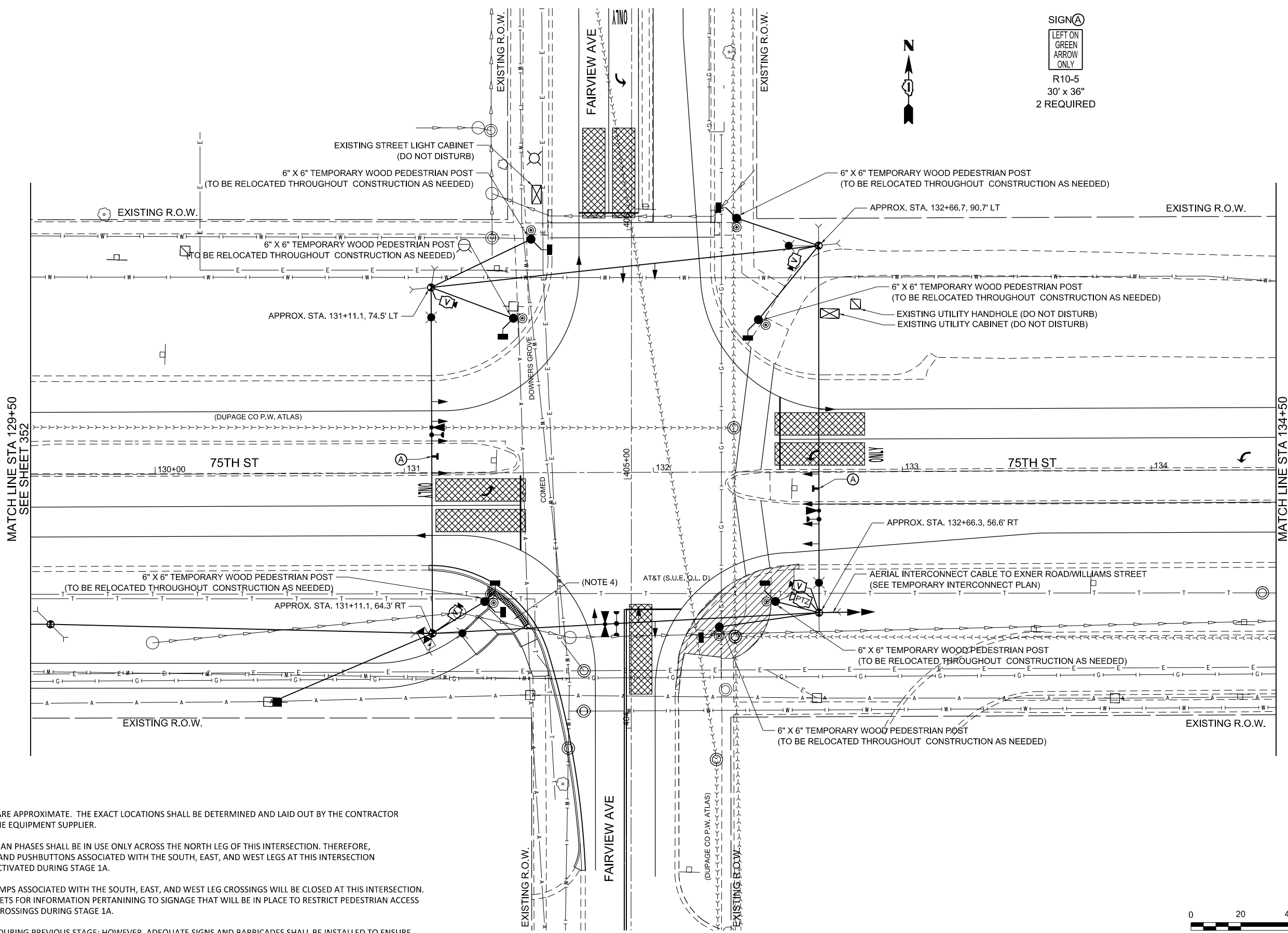
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL PLAN 75TH STREET AND FAIRVIEW AVENUE STAGE 1 (SHEET 2 OF 2)			
SCALE: 1"=20'	SHEET 32 OF 90 SHEETS	STA. NA	TO STA. NA

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 350
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-32

SIGN (A)
 LEFT ON GREEN
 ARROW ONLY
 R10-5
 30' x 36"
 2 REQUIRED



MATCH LINE STA 129+50
SEE SHEET 352

MATCH LINE STA 134+50
SEE SHEET 352

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1A, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH LEG OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE SOUTH, EAST, AND WEST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1A.
3. DURING STAGE 1A, CURB RAMPS ASSOCIATED WITH THE SOUTH, EAST, AND WEST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1A.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1A.



MODEL: 03 File: 75th Stage 1A Plan
 FILE NAME: K:\Projects\17-004-1-01E-75th Street Traffic Signal Design\Sheet Files\04 D:\DTP\016718-eh-Stage 1a.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

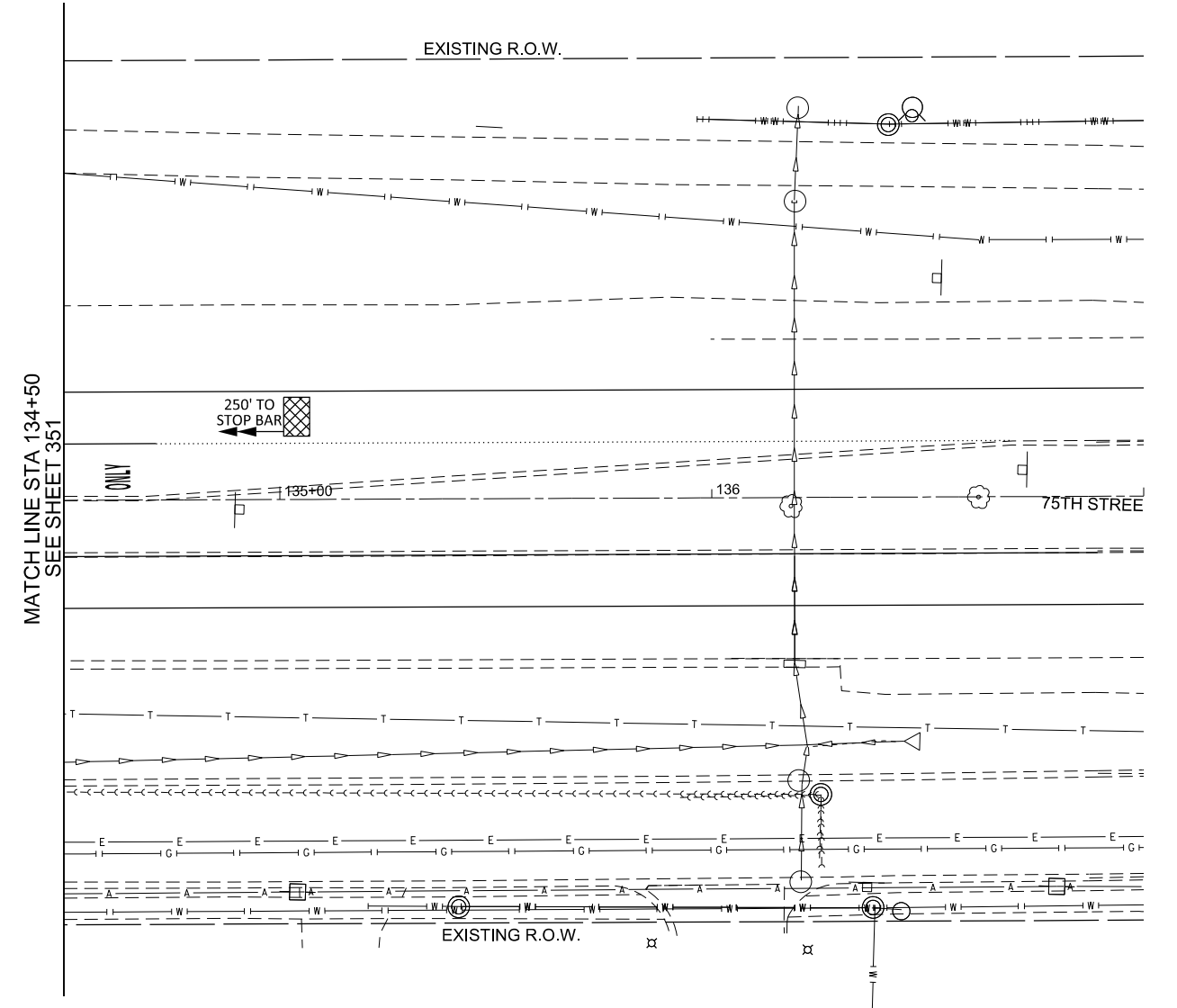
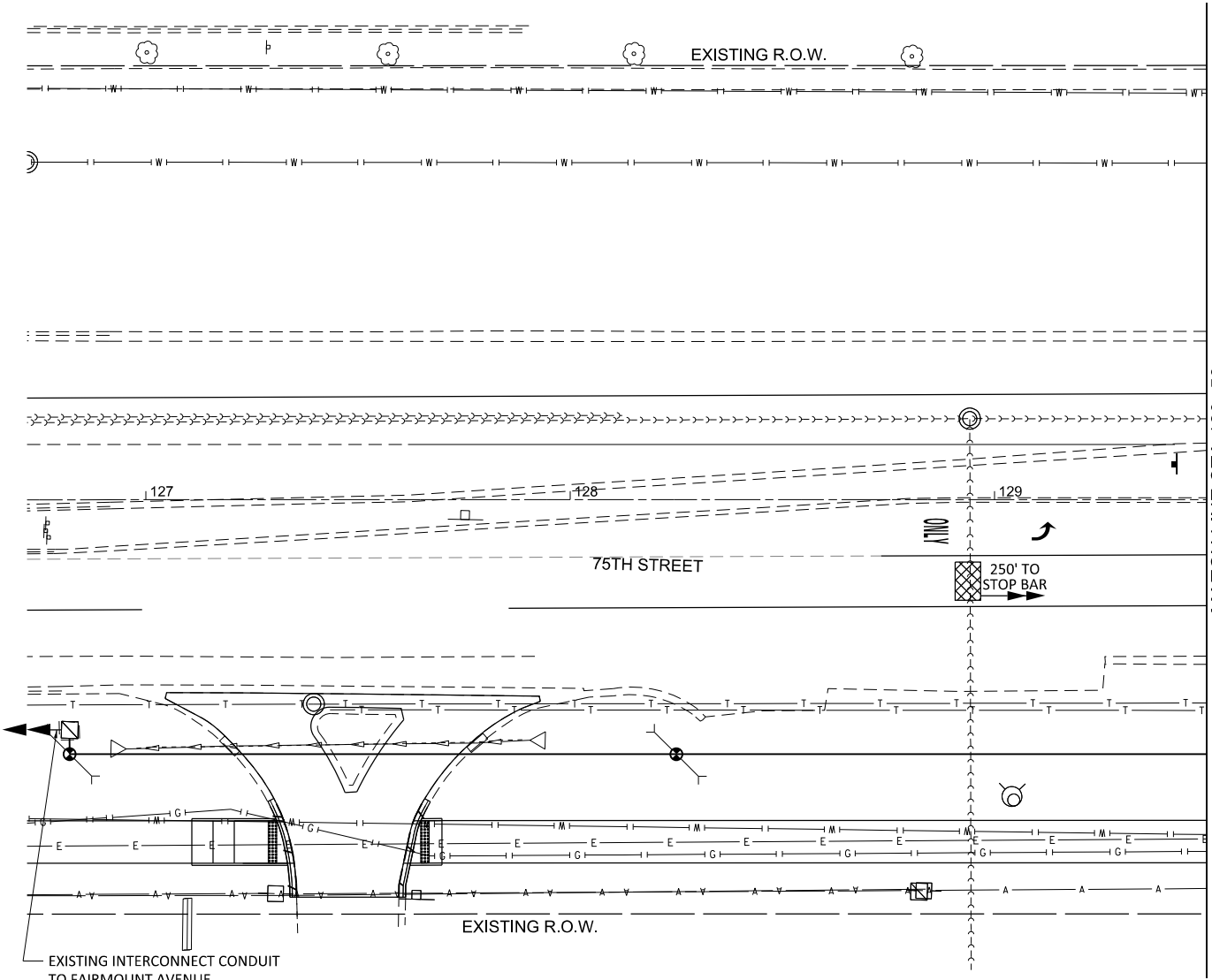
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRVIEW AVENUE
 STAGE 1A (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 33 OF 90 SHEETS STA. 129+50 TO STA. 134+50

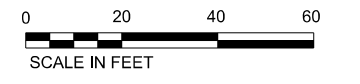
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	351
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-33



NOTES:

- 1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: S:\17\17-001-1-01E-75th Street Traffic Signal Design\Sheet Files\04-DTD\17016718-Sub-Stage 1a.dgn
FILE NAME: K:\CH\3233\17-001-1-01E-75th Street Traffic Signal Design\Sheet Files\04-DTD\17016718-Sub-Stage 1a.dgn



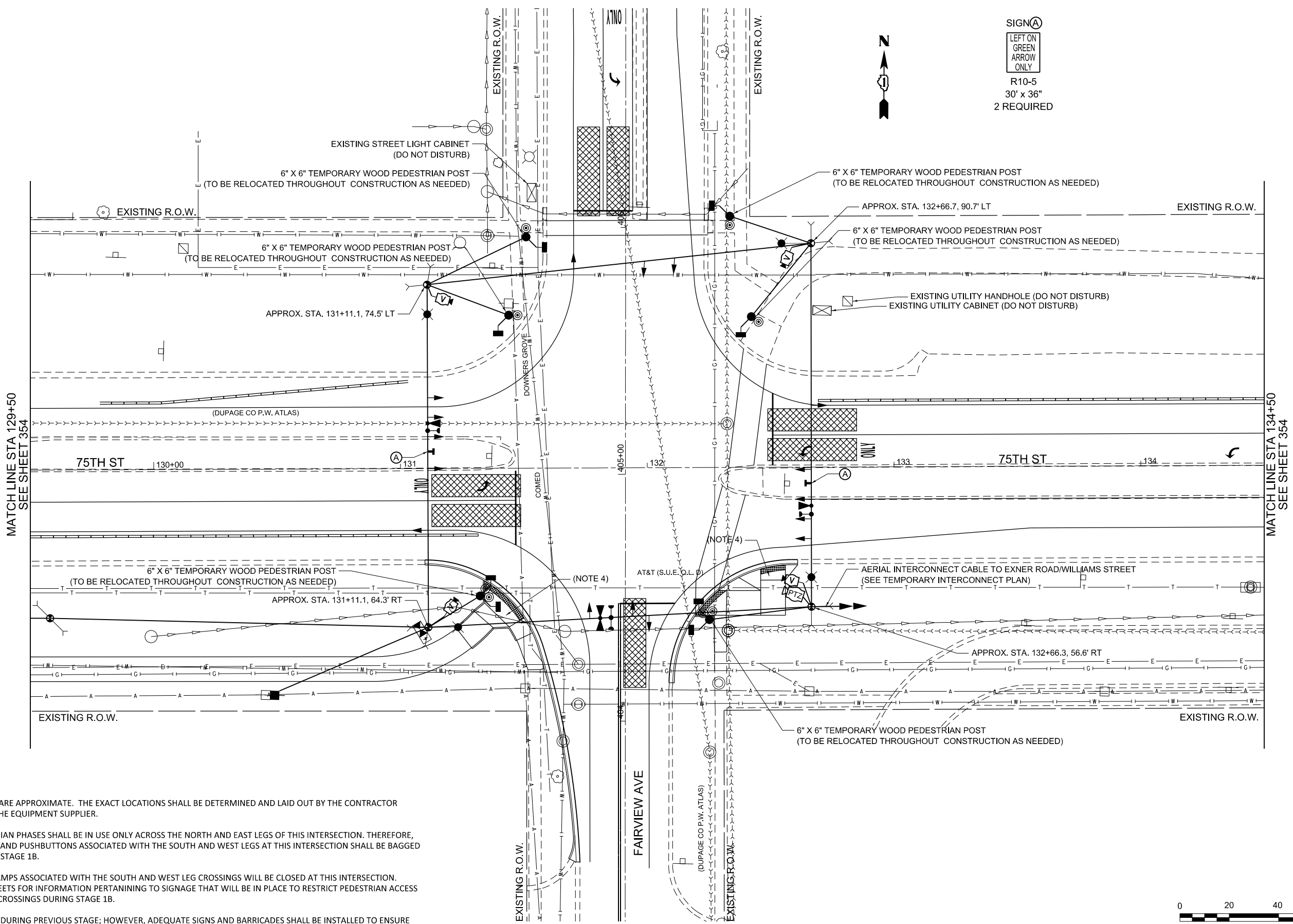
USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISOR -	
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL PLAN 75TH STREET AND FAIRMOUNT AVENUE STAGE 1A (SHEET 2 OF 2)			
SCALE: 1"=20'	SHEET 34	OF 90 SHEETS	STA. NA TO STA. NA

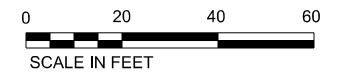
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 352
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

SIGN (A)
 LEFT ON GREEN
 ARROW ONLY
 R10-5
 30' x 36"
 2 REQUIRED



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1B, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH AND EAST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE SOUTH AND WEST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1B.
3. DURING STAGE 1B, CURB RAMPS ASSOCIATED WITH THE SOUTH AND WEST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1B.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1B.



MODEL: 05 E:\1-fair-view Stage 1b Plan
 FILE NAME: K:\CH\2021\17-004-1-17E 75th Street Traffic Signal (D:\P\p\Design\Sheet Files\05 D:\DTP\016718-eh-Stage 1b.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40,00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

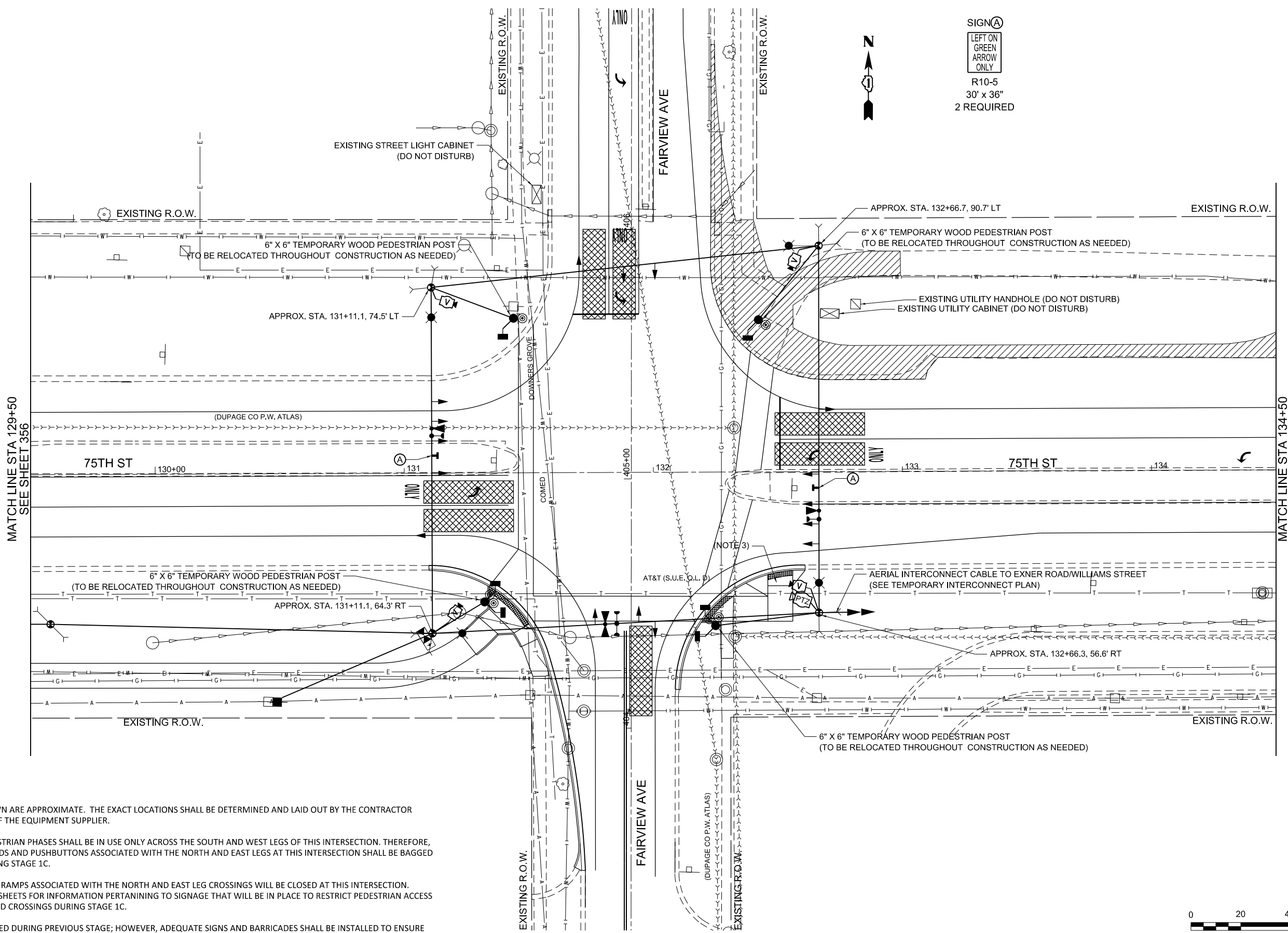
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRVIEW AVENUE
 STAGE 1B (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 35 OF 90 SHEETS STA. 129+50 TO STA. 134+50

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 353
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-35



SIGN (A)
 LEFT ON GREEN
 ARROW ONLY
 R10-5
 30' x 36"
 2 REQUIRED



MATCH LINE STA 129+50
SEE SHEET 356

MATCH LINE STA 134+50
SEE SHEET 356

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1C, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE SOUTH AND WEST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE NORTH AND EAST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1C.
3. DURING STAGE 1C, CURB RAMPS ASSOCIATED WITH THE NORTH AND EAST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1C.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1C.



MODEL: 07 File: 75th Ave Stage 1C Plan.dwg
 FILE NAME: K:\Projects\17-004-1-17E 75th Street Traffic Signal\Design\Sheet Files\06 D:\DTP\016718-ehh-Stage 1C.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

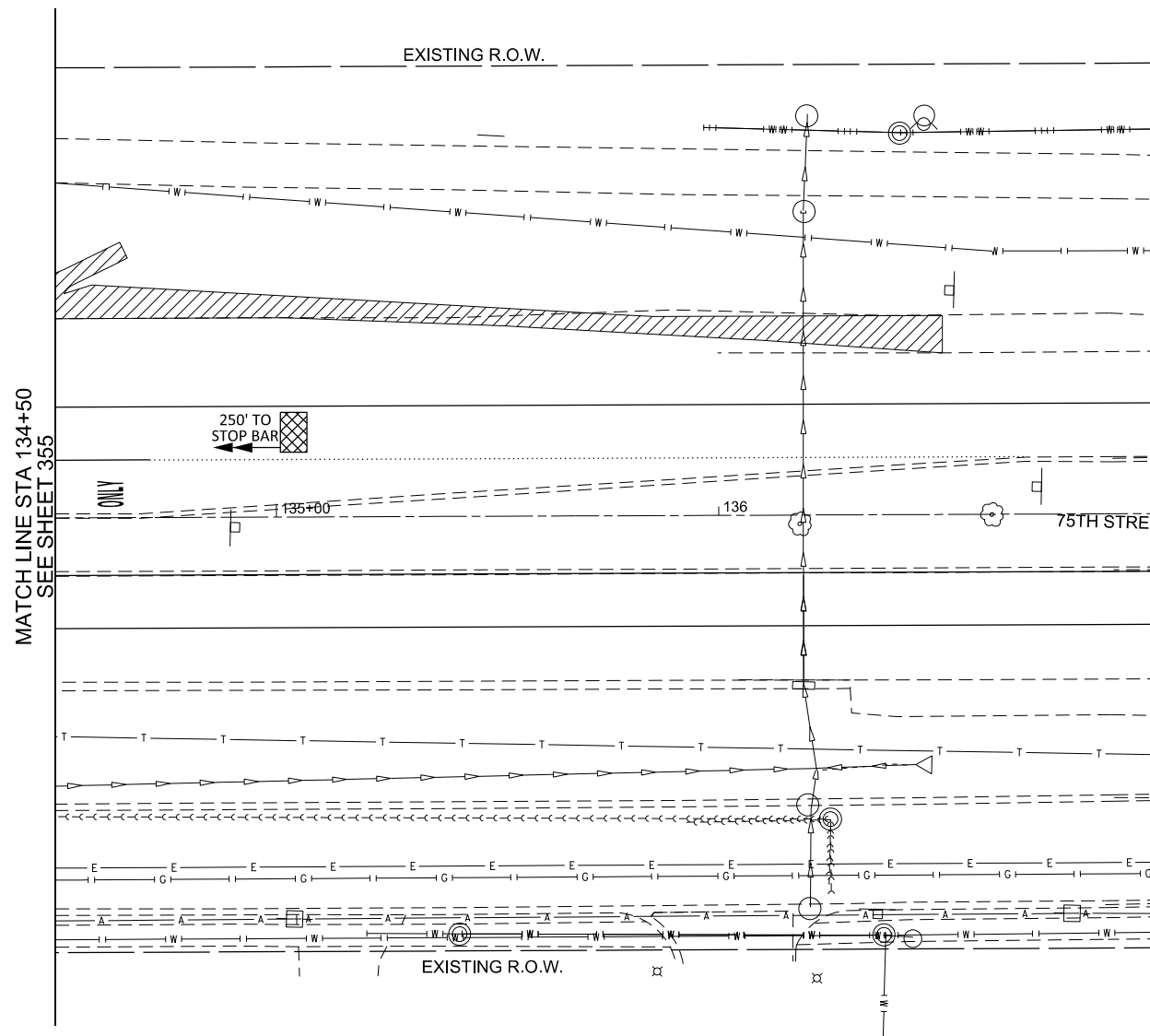
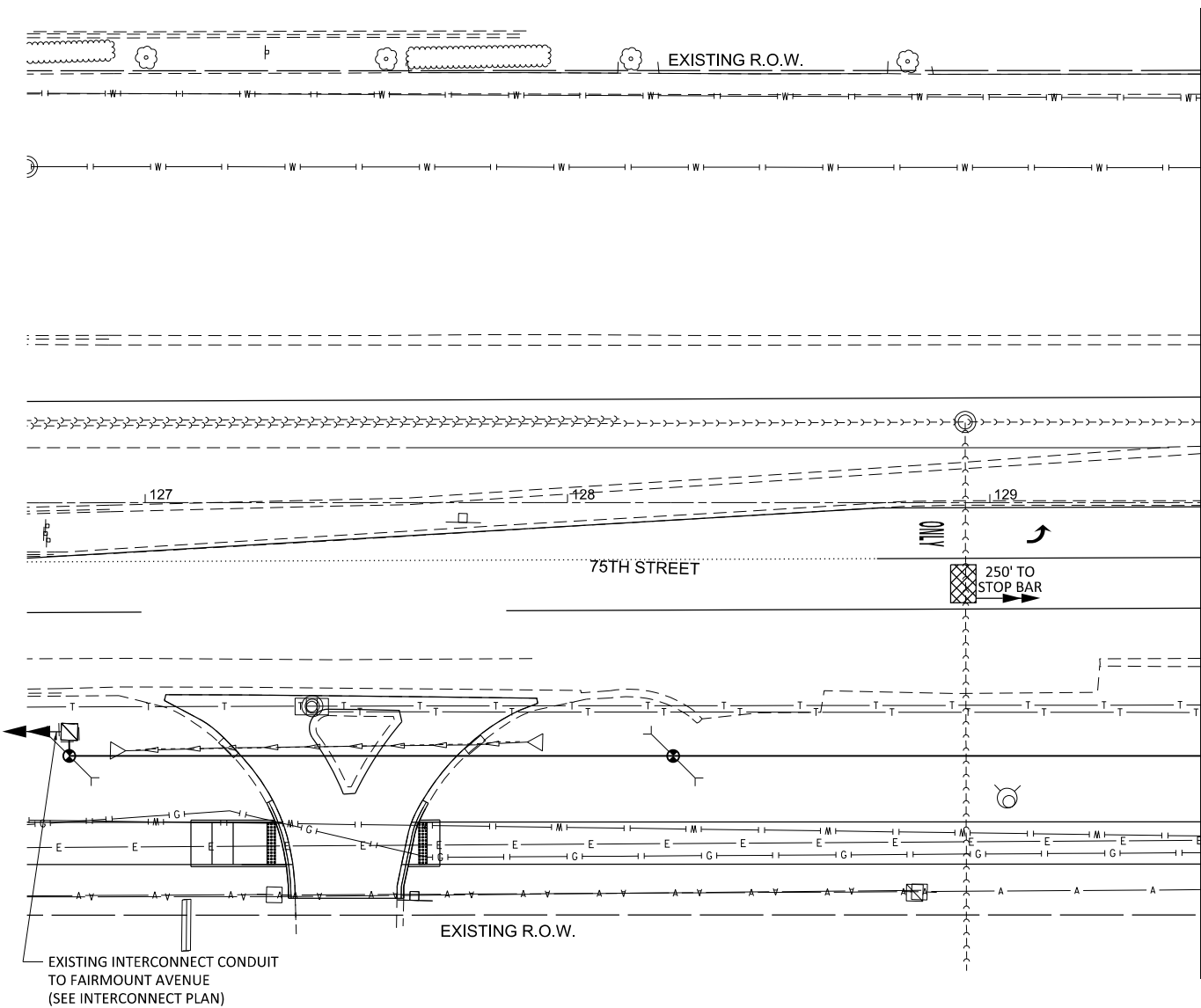
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRVIEW AVENUE
 STAGE 1C (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 37 OF 90 SHEETS STA. 129+50 TO STA. 134+50

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 355
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-37



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: 08 File: 75th Ave Stage 1c Plan
 FILE NAME: K:\Projects\17-004-1-01E-75th Street Traffic Signals\Design\Sheet Files\08 D:\DTP\016718-75th Stage 1c.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

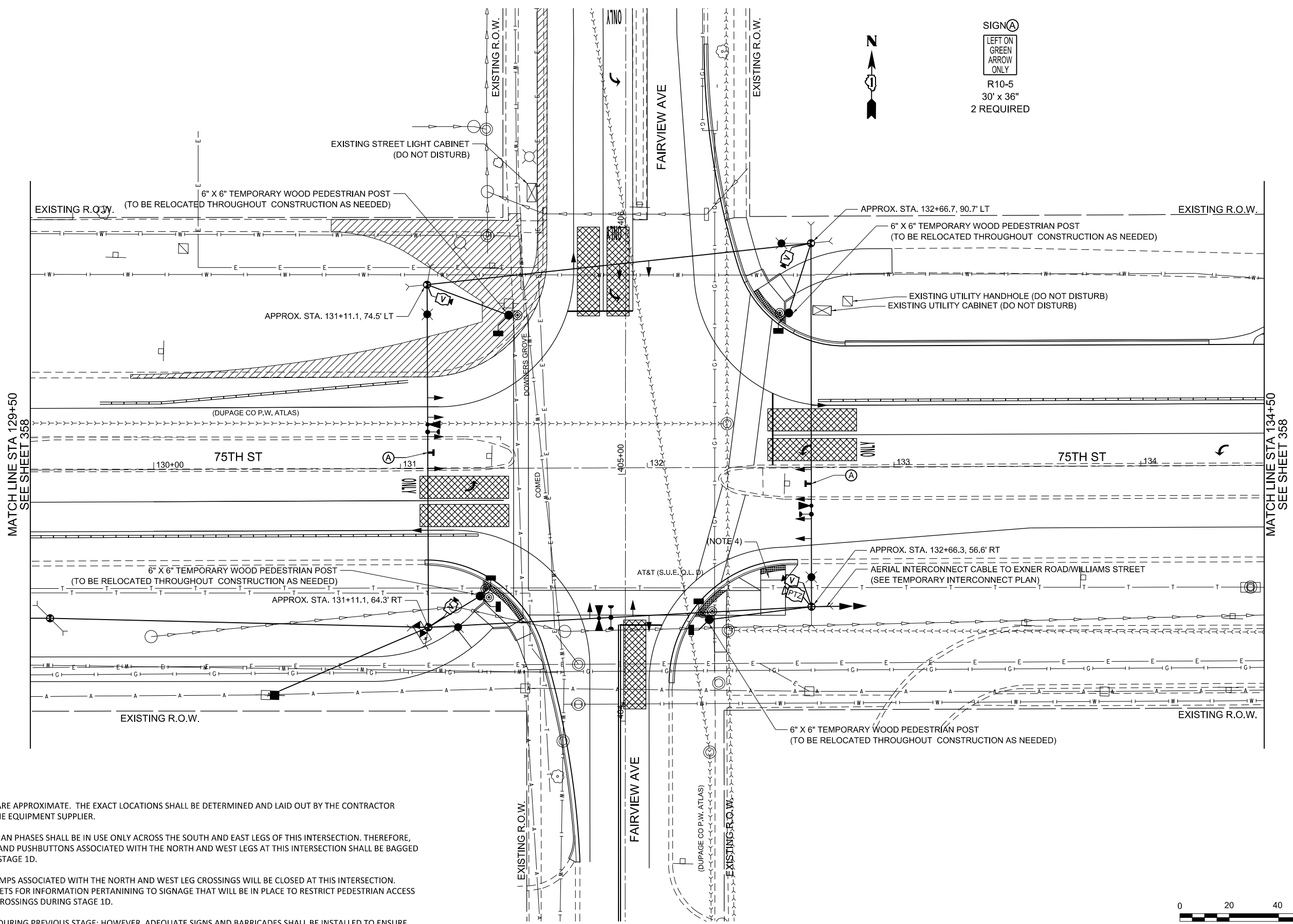
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRVIEW AVENUE
STAGE 1C (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 38 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	356
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-38

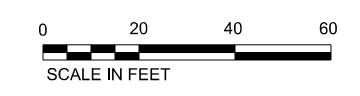


SIGN A
 LEFT ON GREEN
 ARROW ONLY
 R10-5
 30' x 36"
 2 REQUIRED



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1D, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE SOUTH AND EAST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE NORTH AND WEST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1D.
3. DURING STAGE 1D, CURB RAMPS ASSOCIATED WITH THE NORTH AND WEST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1D.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1D.



MODEL: 00 File: 16w Stage 1.dwg
 FILE NAME: K:\CH2M\17-004-1-17E 75th Street Traffic Signals\Design\Sheet Files\07-DTD\17016718-eh-Stage 1d.dwg



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISED -	
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

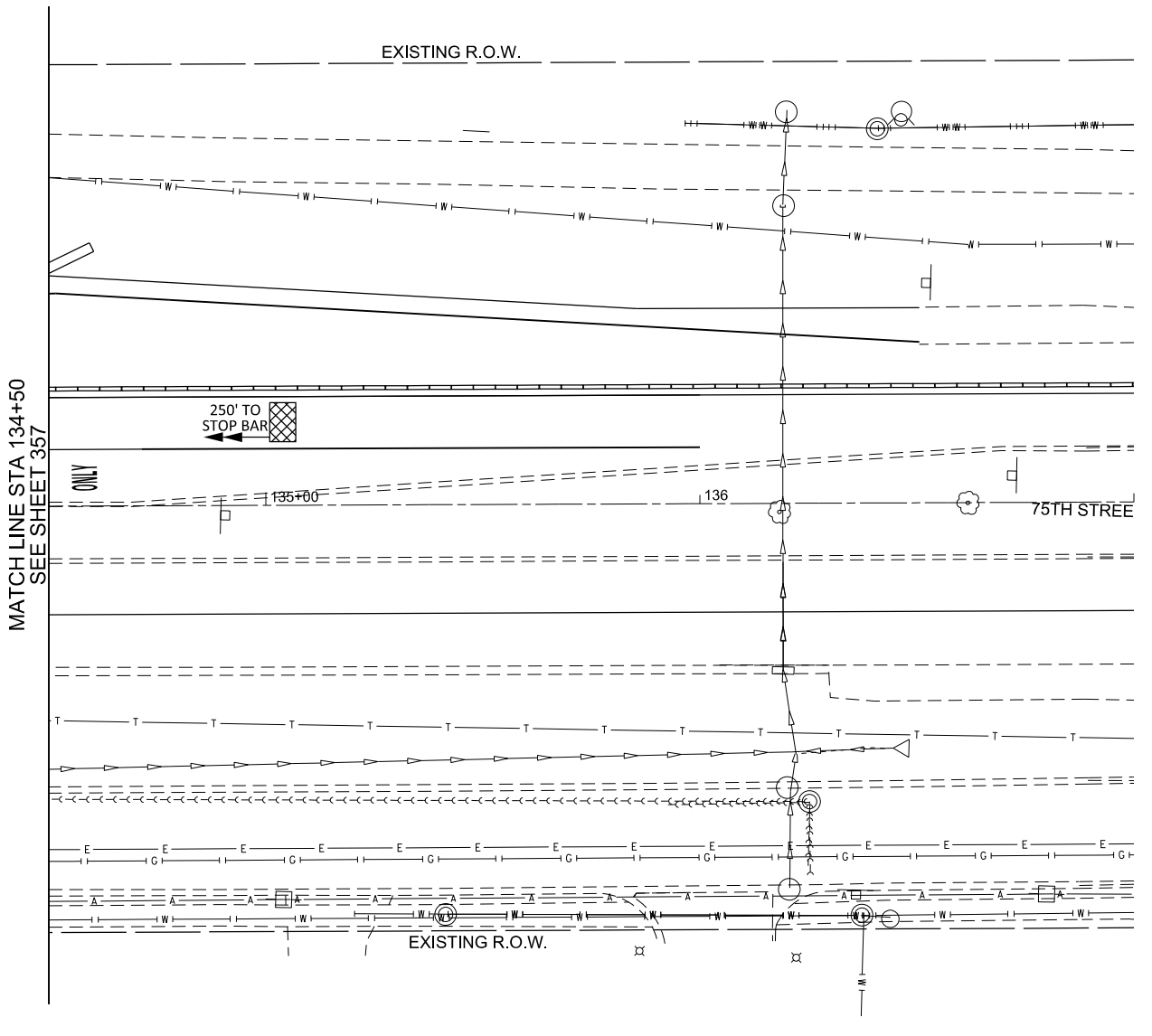
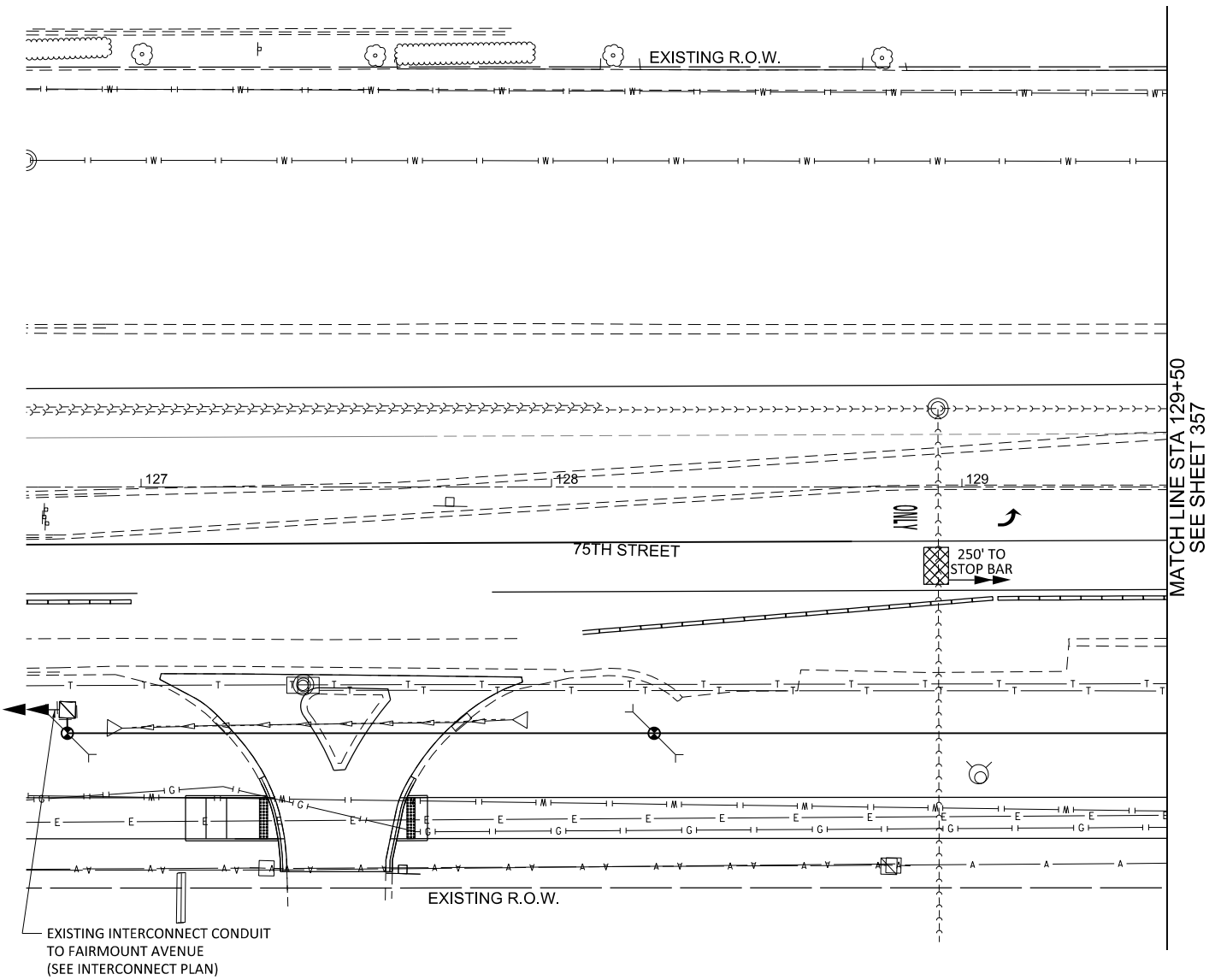
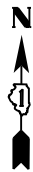
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRVIEW AVENUE
 STAGE 1D (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 39 OF 90 SHEETS STA. 129+50 TO STA. 134+50

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 357
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-39



NOTES:

- 1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: \\fs1\proj\75th\Stage 1d\Plan
 FILE NAME: K:\CH\2020\17-004-1-01E-75th Street Traffic Signal\Design\Sheet Files\07-D1\TR016718-Sub-Stage 1d.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISED -	
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

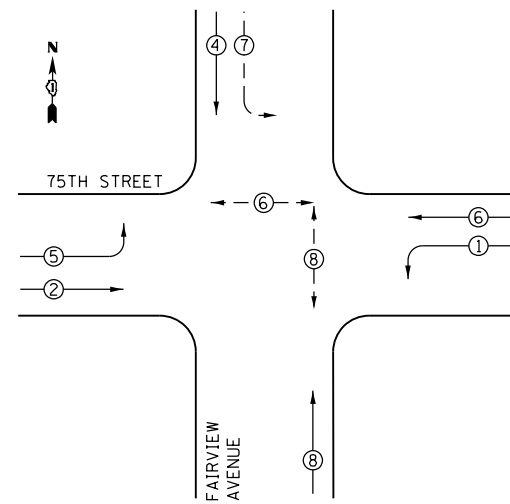
**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRVIEW AVENUE
STAGE 1D (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 40 OF 90 SHEETS STA. NA TO STA. NA

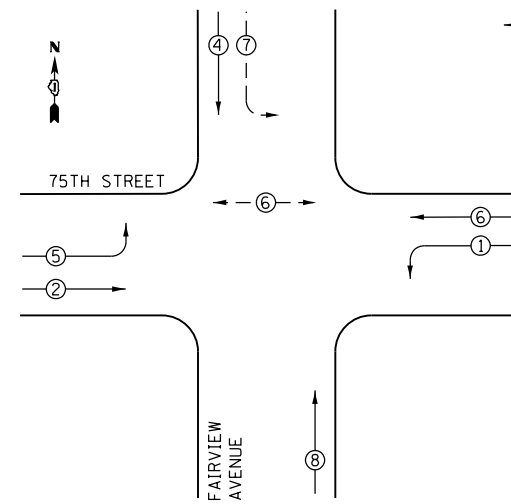
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	358
CONTRACT NO. 61G18				
ILLINOIS	FED. AID PROJECT			

TS-40

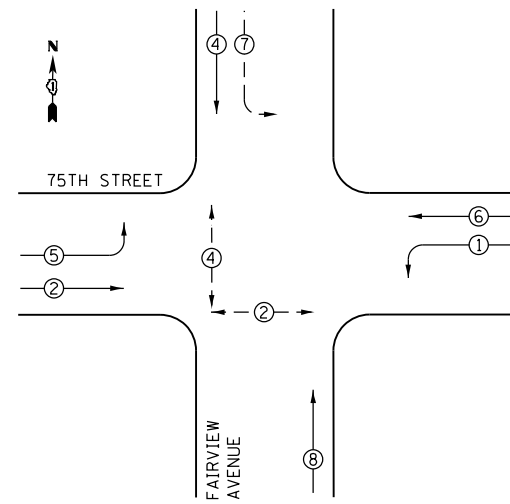
TEMPORARY CONTROLLER SEQUENCE STAGES 1 & 1B



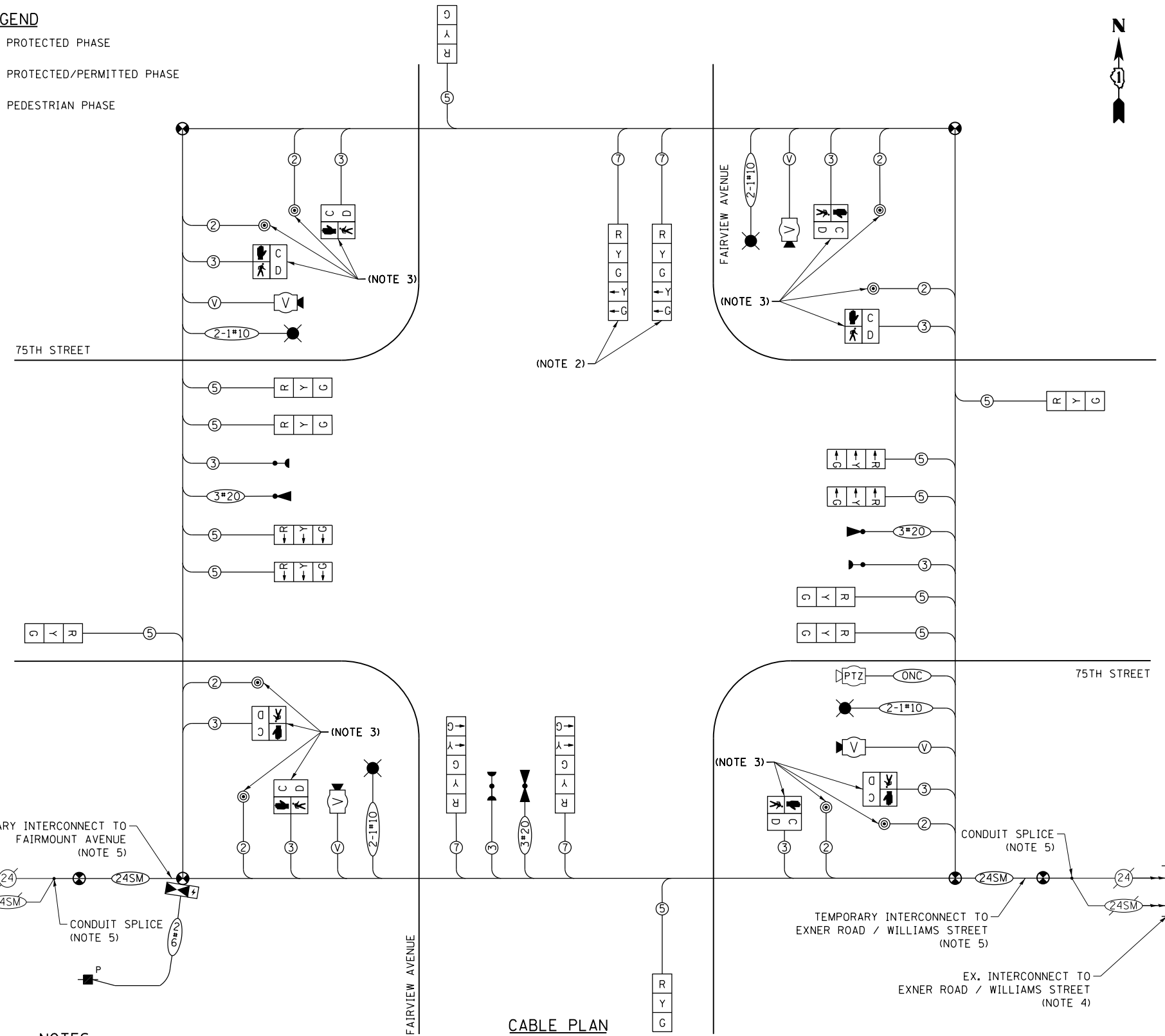
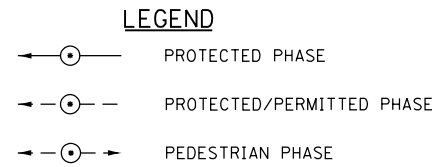
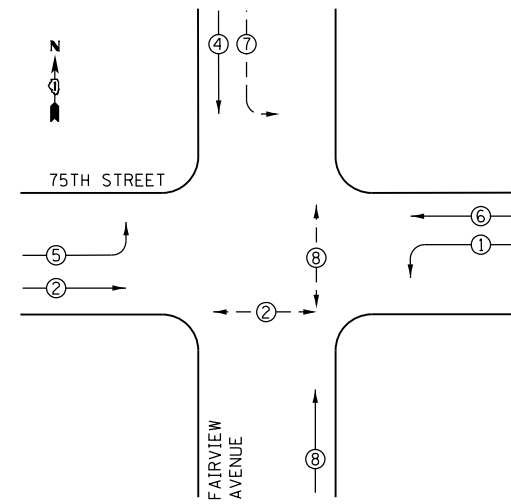
TEMPORARY CONTROLLER SEQUENCE STAGE 1A



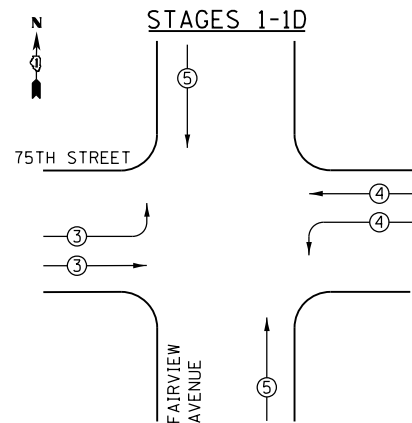
TEMPORARY CONTROLLER SEQUENCE STAGE 1C



TEMPORARY CONTROLLER SEQUENCE STAGE 1D



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE STAGES 1-1D



NOTES

1. INFORMATION PROVIDED ON THIS SHEET PERTAINS TO STAGES 1, 1A, 1B, 1C, AND 1D ONLY. REFER TO THE RESPECTIVE CABLE DIAGRAMS FOR PRE-STAGE; STAGES 2/2A; OR PERMANENT EQUIPMENT INSTALLATIONS FOR DETAILED INFORMATION PERTAINING TO THOSE PERIODS OF CONSTRUCTION.
2. CONTRACTOR SHALL BAG AND DEACTIVATE THE YELLOW ARROW AND GREEN ARROW LENSES DURING STAGES 1/1A/1B/1C/1D.
3. REFER TO TEMPORARY CONTROLLER SEQUENCE DIAGRAMS ON THIS SHEET FOR INFORMATION REGARDING WHICH PEDESTRIAN PHASES WILL BE OPERATIONAL DURING A SPECIFIC STAGE. PEDESTRIAN HEADS AND PUSHBUTTONS NOT BEING USED DURING A SPECIFIC STAGE SHALL BE BAGGED AND DISCONNECTED.
4. DENOTED CABLES SHALL BE TEMPORARILY REMOVED FROM THE EXISTING CONDUIT SYSTEM ALONG 75TH STREET AND STORED AS DETAILED IN THE TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC.
5. REFER TO TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC DIAGRAM FOR DETAILED INFORMATION PERTAINING TO INSTALLATION AND SPLICING OF TEMPORARY AERIAL FIBER CABLE.

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
ARROW	4	10	10	4.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	1	75	100	75.0
TOTAL =				1,034.4

ENERGY COSTS TO: DUPAGE COUNTY D.O.T., 421 N. COUNTY FARM RD. WHEATON, IL 60187
 ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON, PHONE: (630) 985-4074, COMPANY: COMED LOMBARD ACCOUNT NUMBER: -----



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00" / 1 in.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

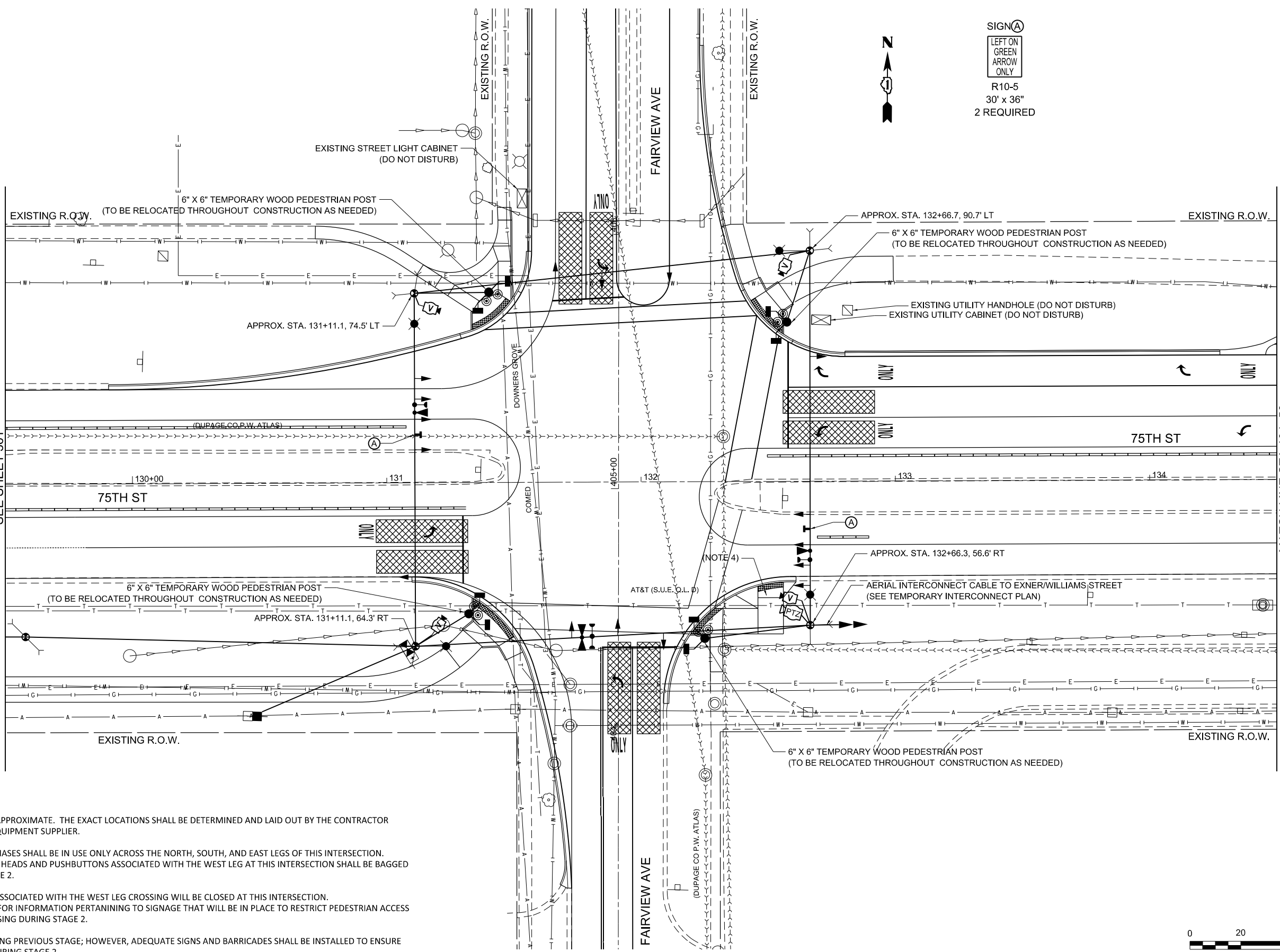
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND FAIRVIEW AVENUE: STAGE 1-1D**

SCALE: NTS SHEET 41 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	359
CONTRACT NO. 61G18				
		ILLINOIS	FED. AID PROJECT	

MODEL: A1: E:\16-00233-00-CH-41.dwg
 FILE NAME: K:\0369\16-00233-00-CH-41.dwg
 DATE: 1/9/2020 10:58:58 AM
 USER: LJackson



SIGN (A)
 LEFT ON GREEN
 ARROW ONLY
 R10-5
 30' x 36"
 2 REQUIRED



MATCH LINE STA 129+50
SEE SHEET 361

MATCH LINE STA 134+50
SEE SHEET 361

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 2, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH, SOUTH, AND EAST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE WEST LEG AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 2.
3. DURING STAGE 2, CURB RAMPS ASSOCIATED WITH THE WEST LEG CROSSING WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSING DURING STAGE 2.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 2.



MODEL: G:\16-175-75th Ave Stage 2.dwg
 FILE NAME: K:\CH\2017-004-14-175th Street Traffic Signals (D:\P\16-175-75th Street Traffic Signals)\Design\Sheet Files\08 D:\DTP\16175-75th Stage 2.dwg



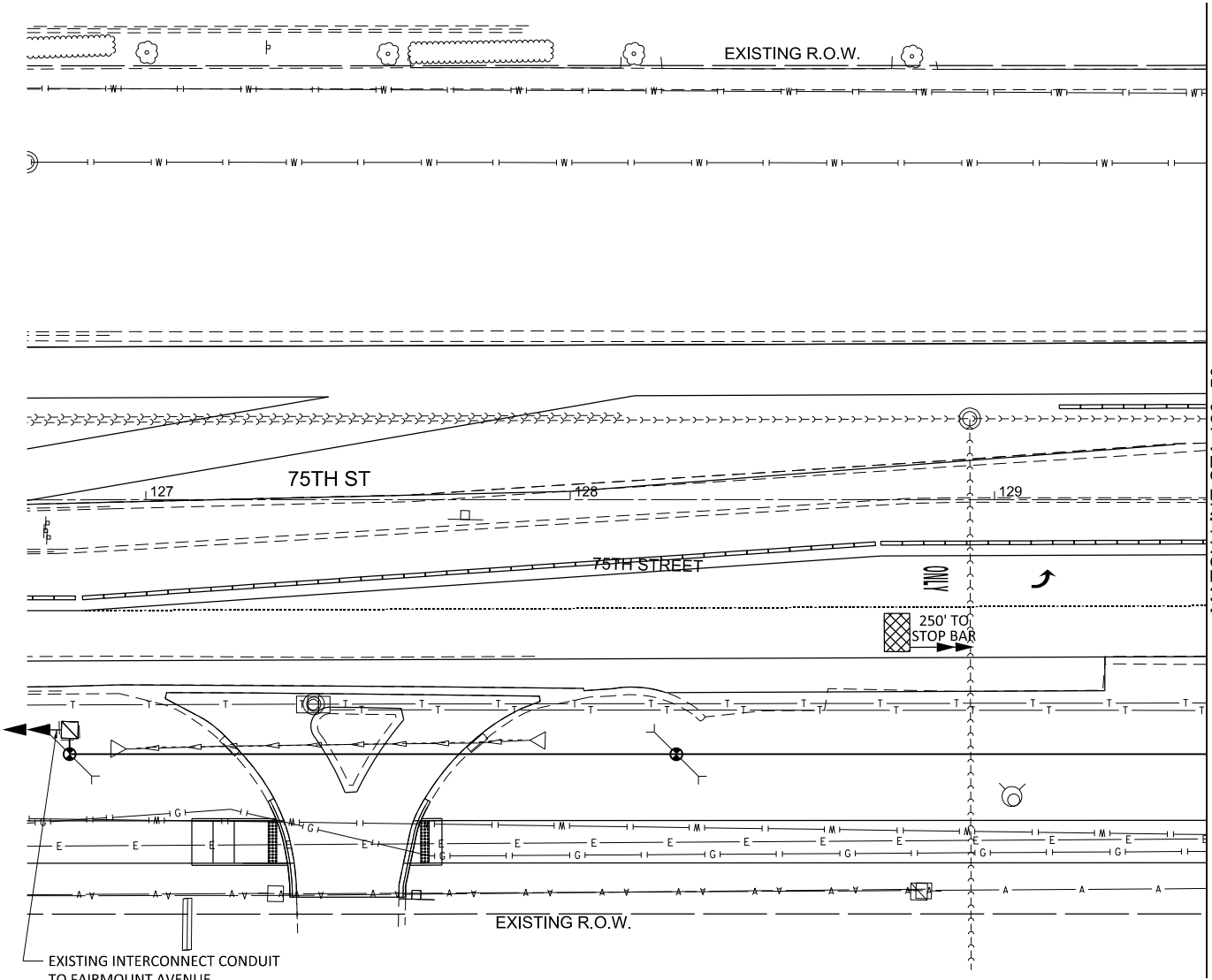
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PLOT SCALE = 40.00' / 1" =	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

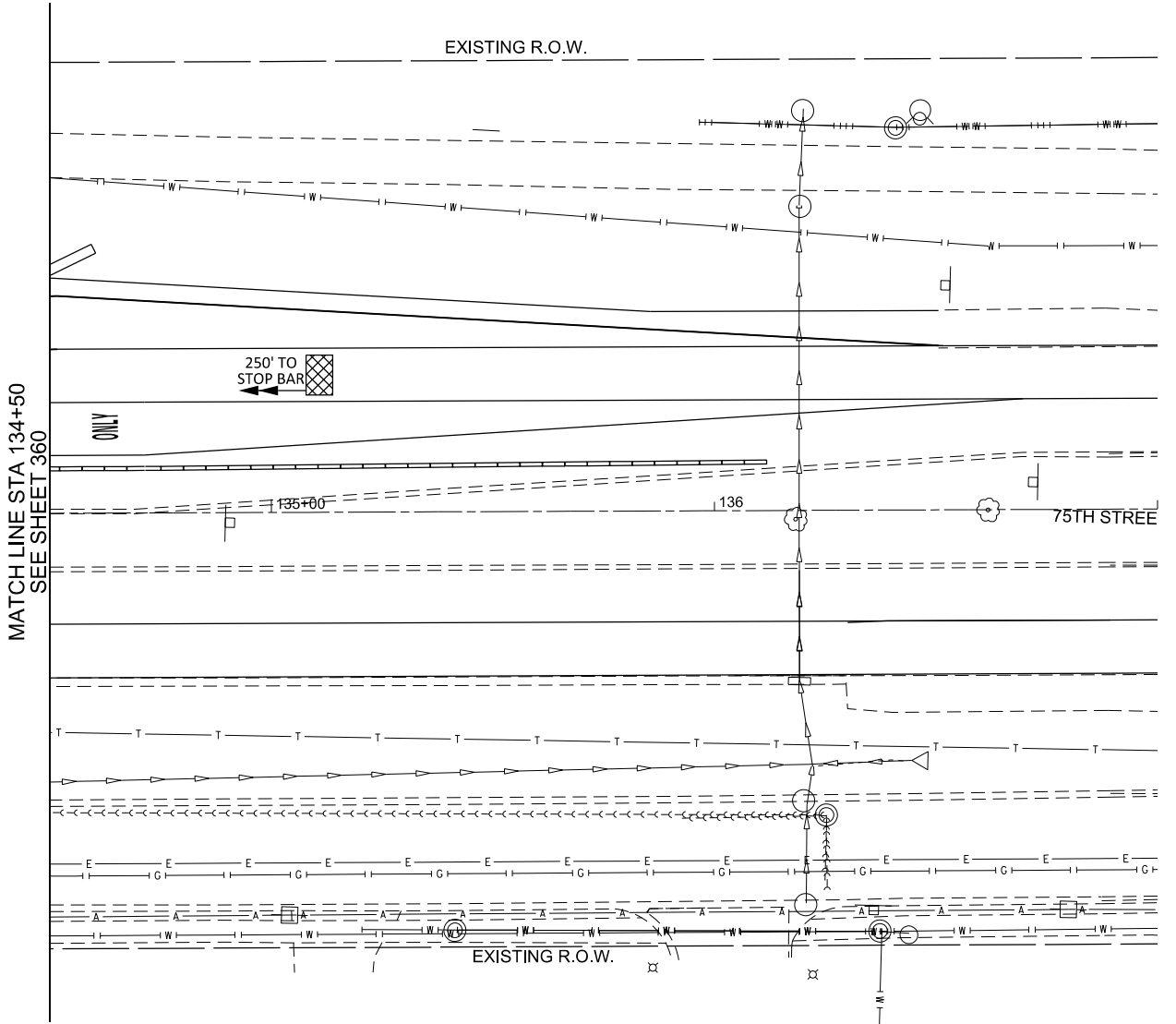
TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRVIEW AVENUE
STAGE 2 (SHEET 1 OF 2)
 SCALE: 1"=20' SHEET 42 OF 90 SHEETS STA. 129+50 TO STA. 134+50

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 360
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

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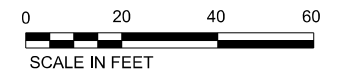
MATCH LINE STA 129+50
SEE SHEET 360



MATCH LINE STA 134+50
SEE SHEET 360

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: G:\16-fairview Stage 2.dwg
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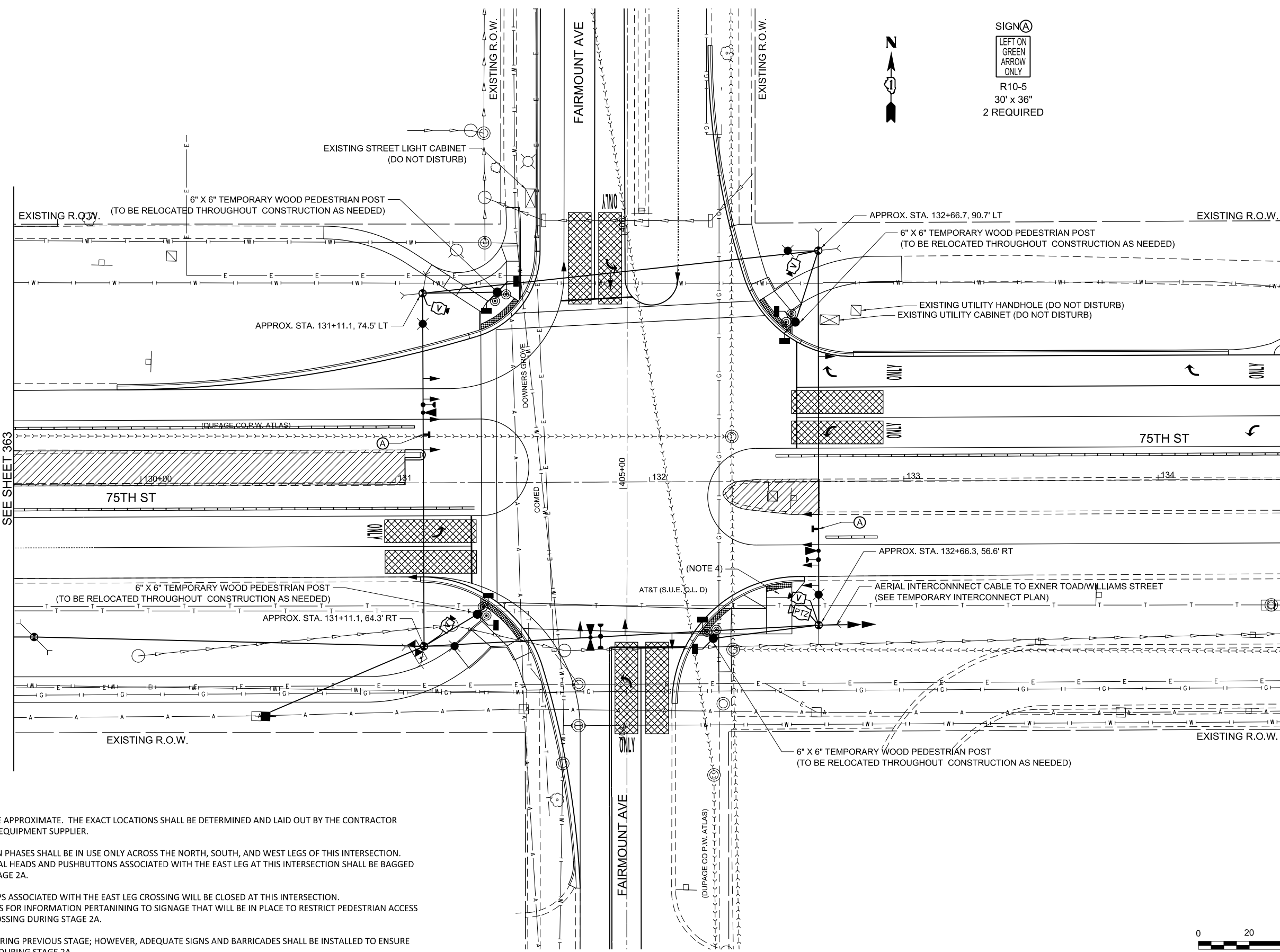
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	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00 1/In.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY TRAFFIC SIGNAL PLAN 75TH STREET AND FAIRVIEW AVENUE STAGE 2 (SHEET 2 OF 2)			
SCALE: 1"=20'	SHEET 43	OF 90 SHEETS	STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	361
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

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SIGN A
 LEFT ON GREEN
 ARROW ONLY
 R10-5
 30' x 36"
 2 REQUIRED



MATCH LINE STA 129+50
SEE SHEET 363

MATCH LINE STA 134+50
SEE SHEET 363

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 2A, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH, SOUTH, AND WEST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE EAST LEG AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 2A.
3. DURING STAGE 2A, CURB RAMPS ASSOCIATED WITH THE EAST LEG CROSSING WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSING DURING STAGE 2A.
3. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 2A.



TS-44

MODEL: A4 E:\chm\75th Stage 2a Plan
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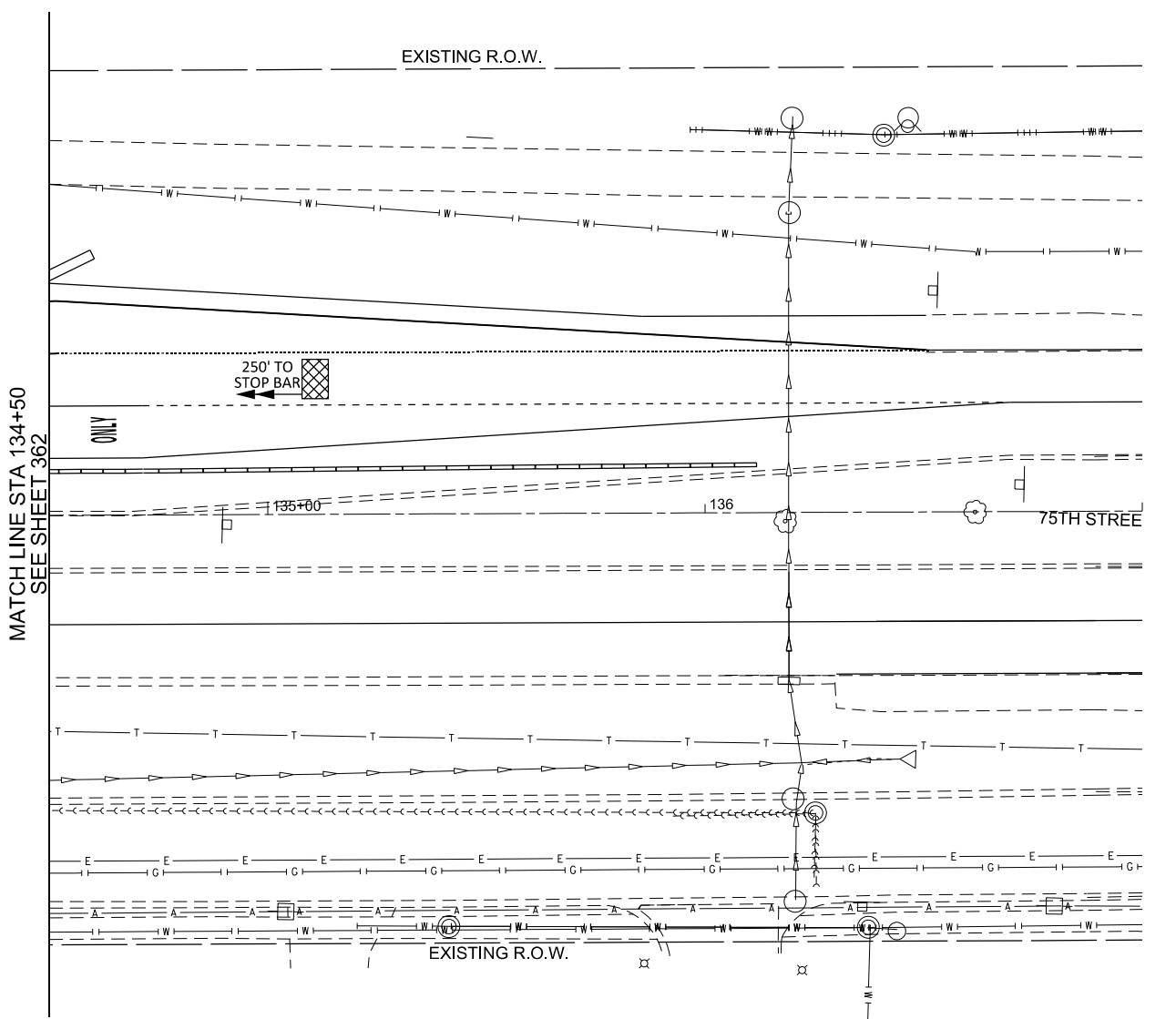
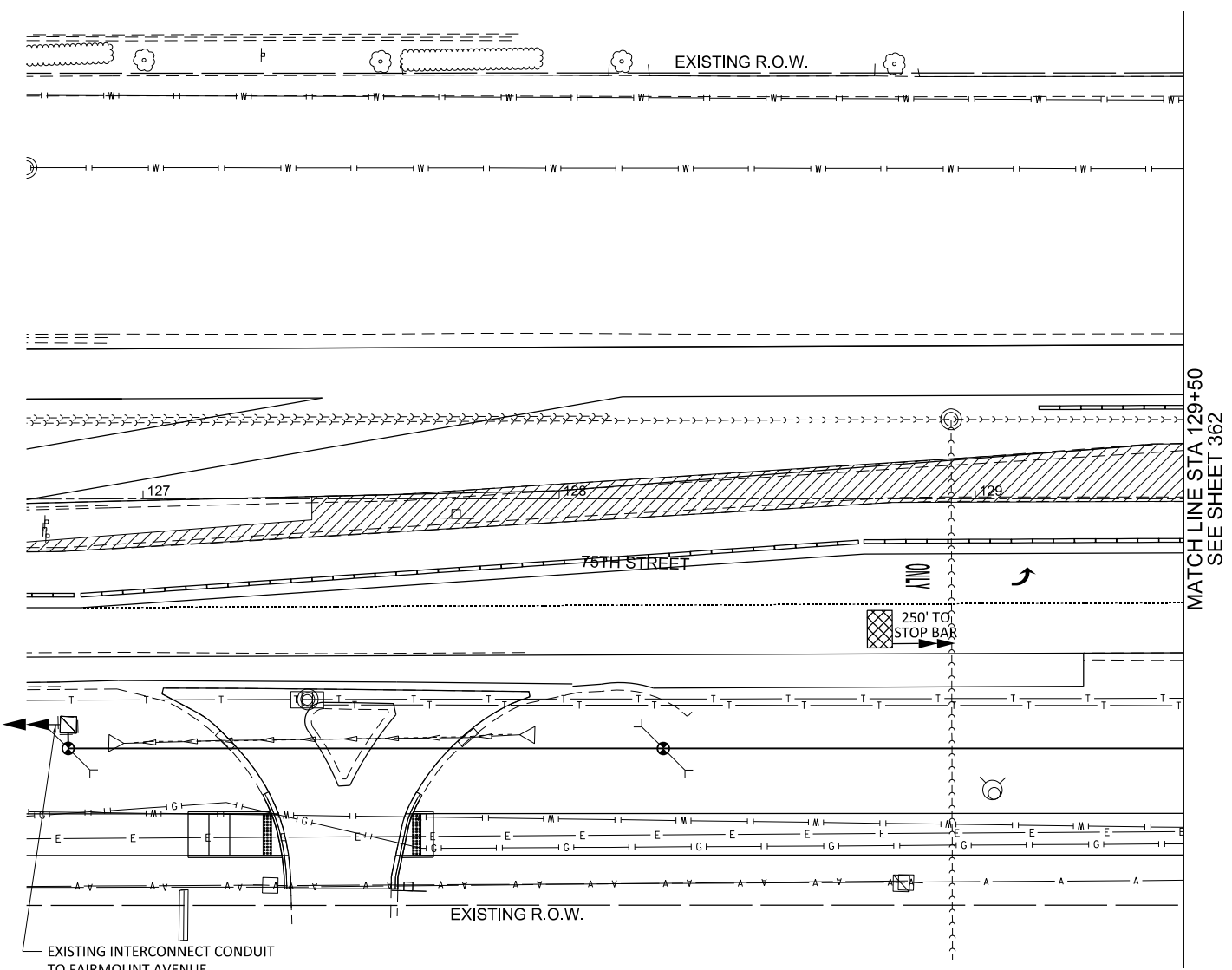
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	DRAWN - JRB	REVISED -
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PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND FAIRMOUNT AVENUE
 STAGE 2A (SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 44 OF 90 SHEETS STA. 129+50 TO STA. 134+50

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 362
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				



NOTES:

- 1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: \\fs1-few-sing-pa-rlin
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USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
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PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

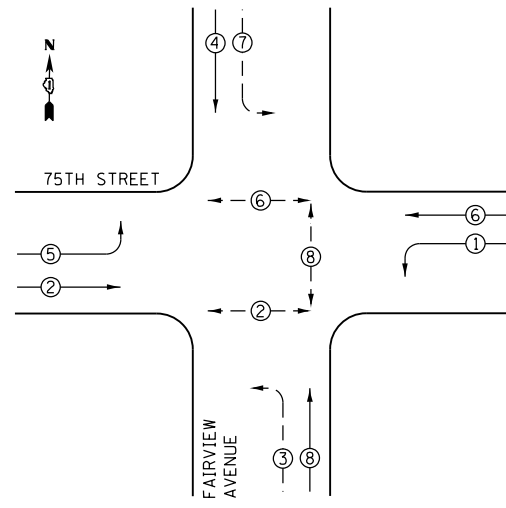
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND FAIRMOUNT AVENUE
STAGE 2A (SHEET 2 OF 2)
SCALE: 1"=20'
SHEET 45 OF 90 SHEETS
STA. NA TO STA. NA

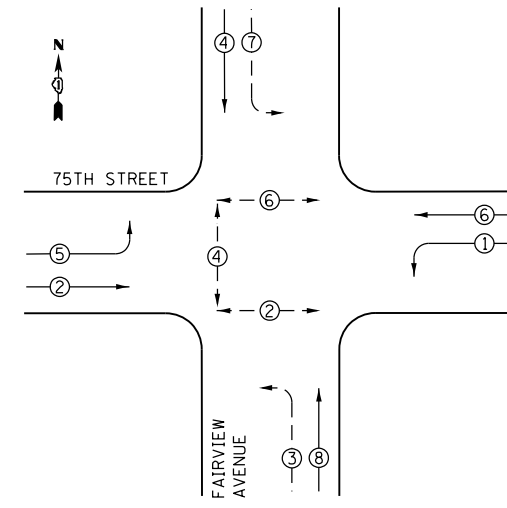
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 363
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

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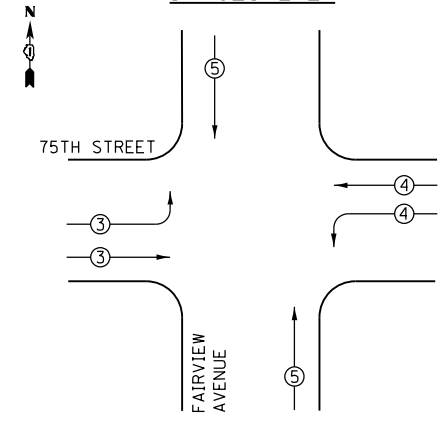
TEMPORARY CONTROLLER SEQUENCE STAGE 2



TEMPORARY CONTROLLER SEQUENCE STAGE 2A



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE STAGES 2-2A

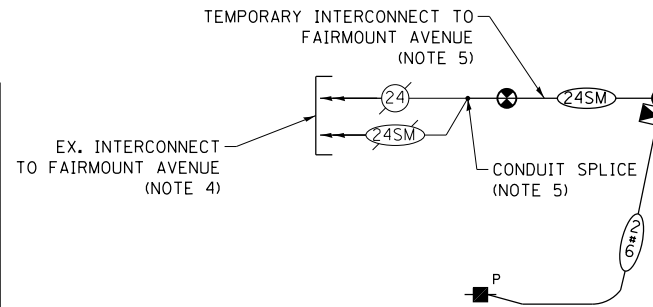


LEGEND

- ⊙ — PROTECTED PHASE
- ⊖ — PROTECTED/PERMITTED PHASE
- ⊕ — PEDESTRIAN PHASE

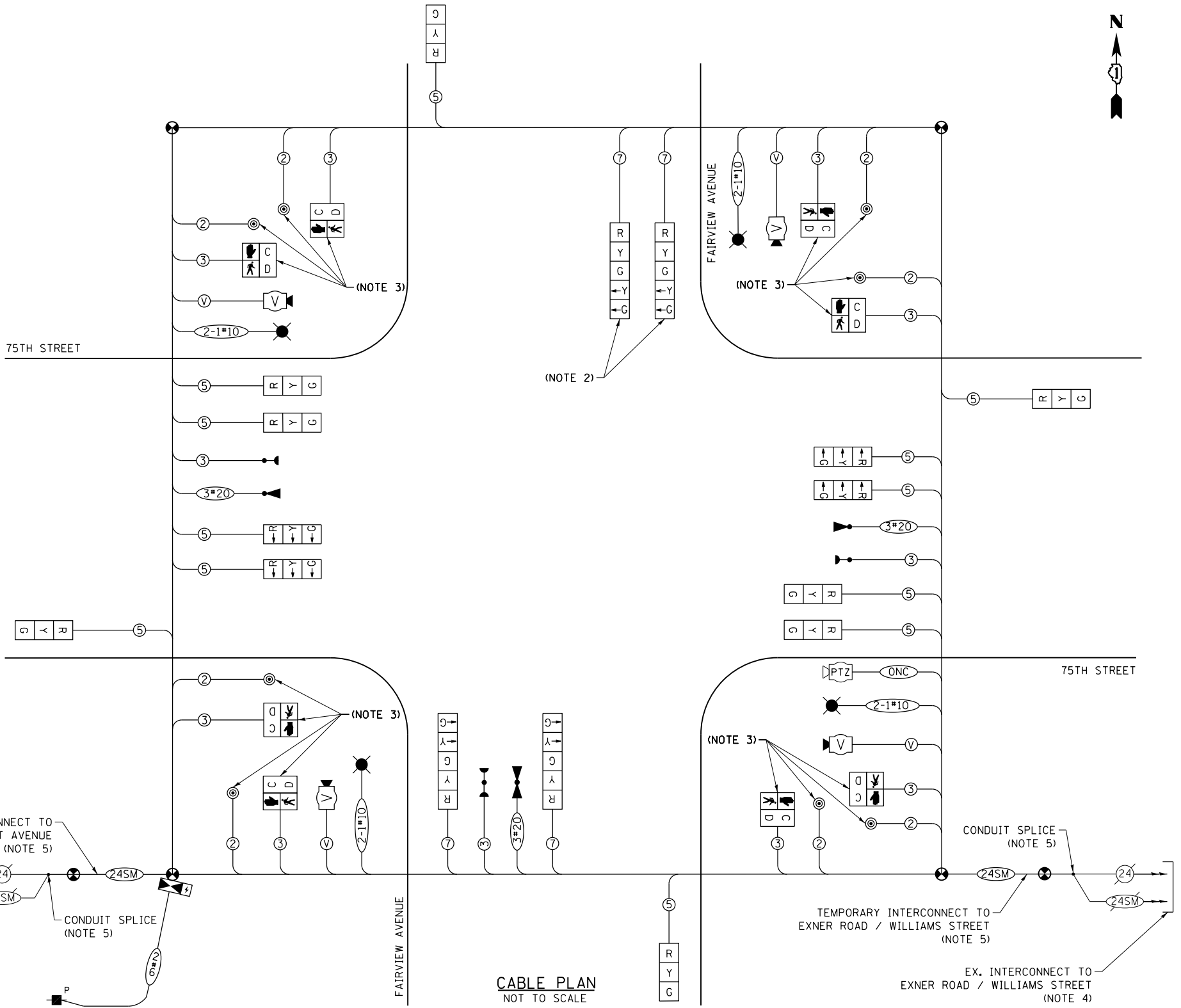
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
ARROW	8	10	10	8.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	1	75	100	75.0
TOTAL =				1,038.4

ENERGY COSTS TO: DUPAGE COUNTY D.O.T., 421 N. COUNTY FARM RD. WHEATON, IL 60187
 ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON, PHONE: (630) 985-4074, COMPANY: COMED LOMBARD, ACCOUNT NUMBER: _____



NOTES

1. INFORMATION PROVIDED ON THIS SHEET PERTAINS TO STAGES 2 AND 2A ONLY. REFER TO THE RESPECTIVE CABLE DIAGRAMS FOR PRE-STAGE; STAGES 1/1A/1B/1C/1D; OR PERMANENT EQUIPMENT INSTALLATIONS FOR DETAILED INFORMATION PERTAINING TO THOSE PERIODS OF CONSTRUCTION.
2. CONTRACTOR SHALL REMOVE BAGS FROM YELLOW ARROW AND GREEN ARROW LENSES THAT WERE INPLACE DURING STAGE 1/1A/1B/1C/1D AND REACTIVATE THESE LENSES, TO ALLOW LEFT-TURN ARROW OPERATIONS DURING STAGES 2 AND 2A.
3. REFER TO TEMPORARY CONTROLLER SEQUENCE DIAGRAMS ON THIS SHEET FOR INFORMATION REGARDING WHICH PEDESTRIAN PHASES WILL BE OPERATIONAL DURING A SPECIFIC STAGE. PEDESTRIAN HEADS AND PUSHBUTTONS NOT BEING USED DURING A SPECIFIC STAGE SHALL BE BAGGED AND DISCONNECTED.
4. DENOTED CABLES SHALL BE TEMPORARILY REMOVED FROM THE EXISTING CONDUIT SYSTEM ALONG 75TH STREET AND STORED AS DETAILED IN THE TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC.
5. REFER TO TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC DIAGRAM FOR DETAILED INFORMATION PERTAINING TO INSTALLATION AND SPLICING OF TEMPORARY AERIAL FIBER CABLE.



CABLE PLAN
NOT TO SCALE

MODEL: R6 E:\1-fair-view Stage 2-2a Cables Diagram
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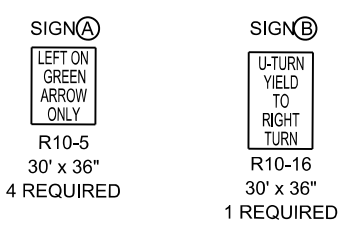
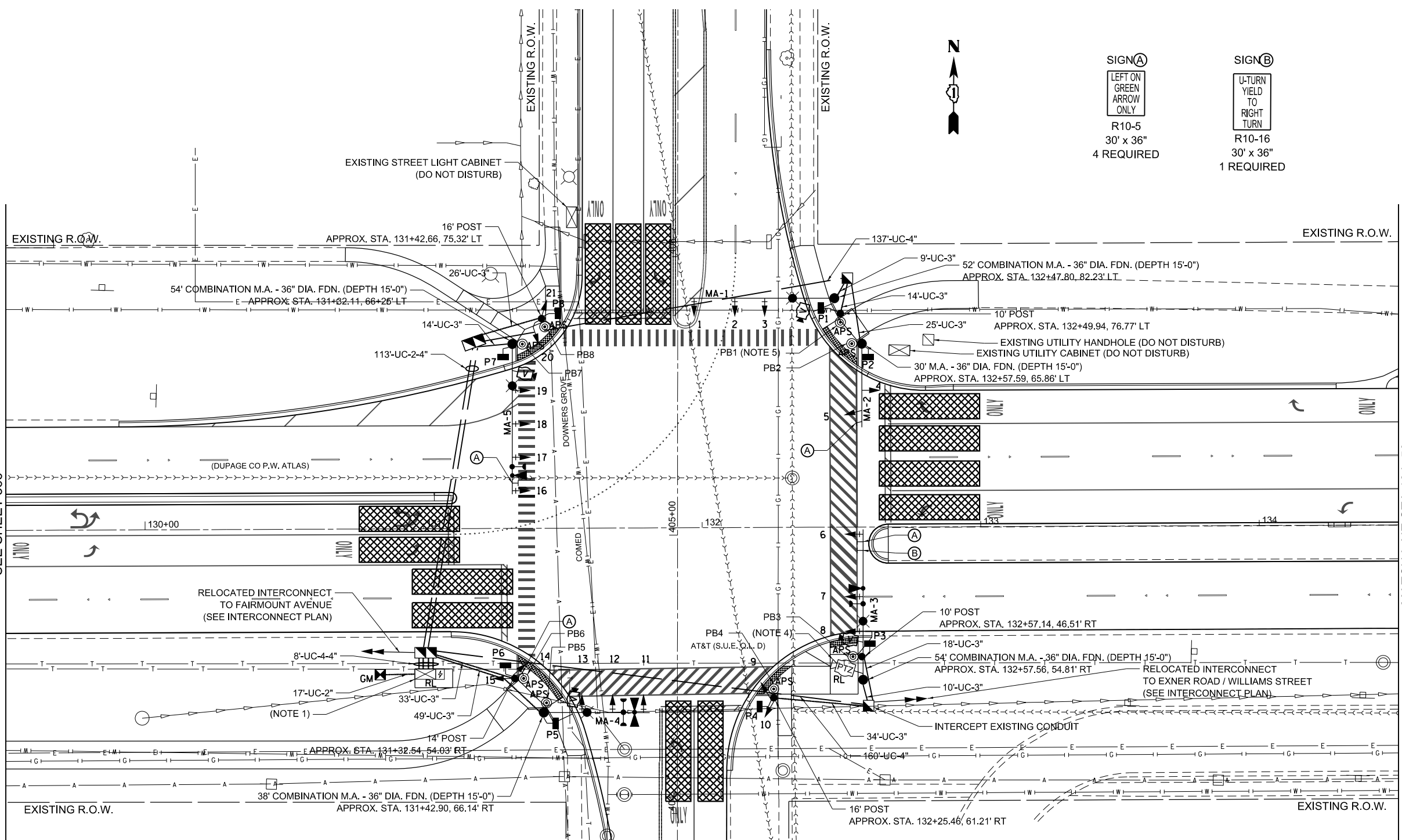
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PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND FAIRVIEW AVENUE: STAGE 2-2A

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 364
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-46

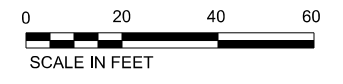


MATCH LINE STA 129+50
SEE SHEET 366

MATCH LINE STA 134+50
SEE SHEET 366

NOTES:

- INSTALL RELOCATED EXISTING TRAFFIC SIGNAL CONTROLLER CABINET AND UPS ASSEMBLY ON NEW CONCRETE FOUNDATION.
- ALL COMBINATION MAST ARM POLES SHALL INCLUDE A 15' LUMINAIRE ARM AT A MOUNTING HEIGHT OF 45'.
- THE CITY OF DARIEN USES "OPTICOM" BRAND EMERGENCY VEHICLE PRIORITY (EVP) EQUIPMENT. THE LIGHT DETECTOR AMPLIFIER SHALL BE COMPATIBLE WITH BOTH INFRARED AND GPS EVP SYSTEMS.
- INSTALL RELOCATED REMOTE CONTROLLED VIDEO SYSTEM ON PROPOSED COMBINATION MAST ARM ASSEMBLY AND POLE.
- CONTRACTOR SHALL PROVIDE AND INSTALL AN EXTENSION BRACKET FOR THE DENOTED APS PUSHBUTTON, TO ENSURE THE PUSHBUTTON CAN BE ACCESSED WITHIN A 10-INCH SIDE REACH OF A LEVEL LANDING AREA. ALL NECESSARY EQUIPMENT AND INSTALLATION COSTS RELATED TO THE EXTENSION BRACKET SHALL BE INCLUDED IN THE COST FOR "ACCESSIBLE PEDESTRIAN SIGNALS", PER EACH.



MODEL: P:\E\17\New Modernization Plan
 FILE NAME: K:\03\2021\75th-134-137E-75th Street Traffic Signal Design\Sheet Files\10 D\TTP\067106718-shr-modernization.dgn



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PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

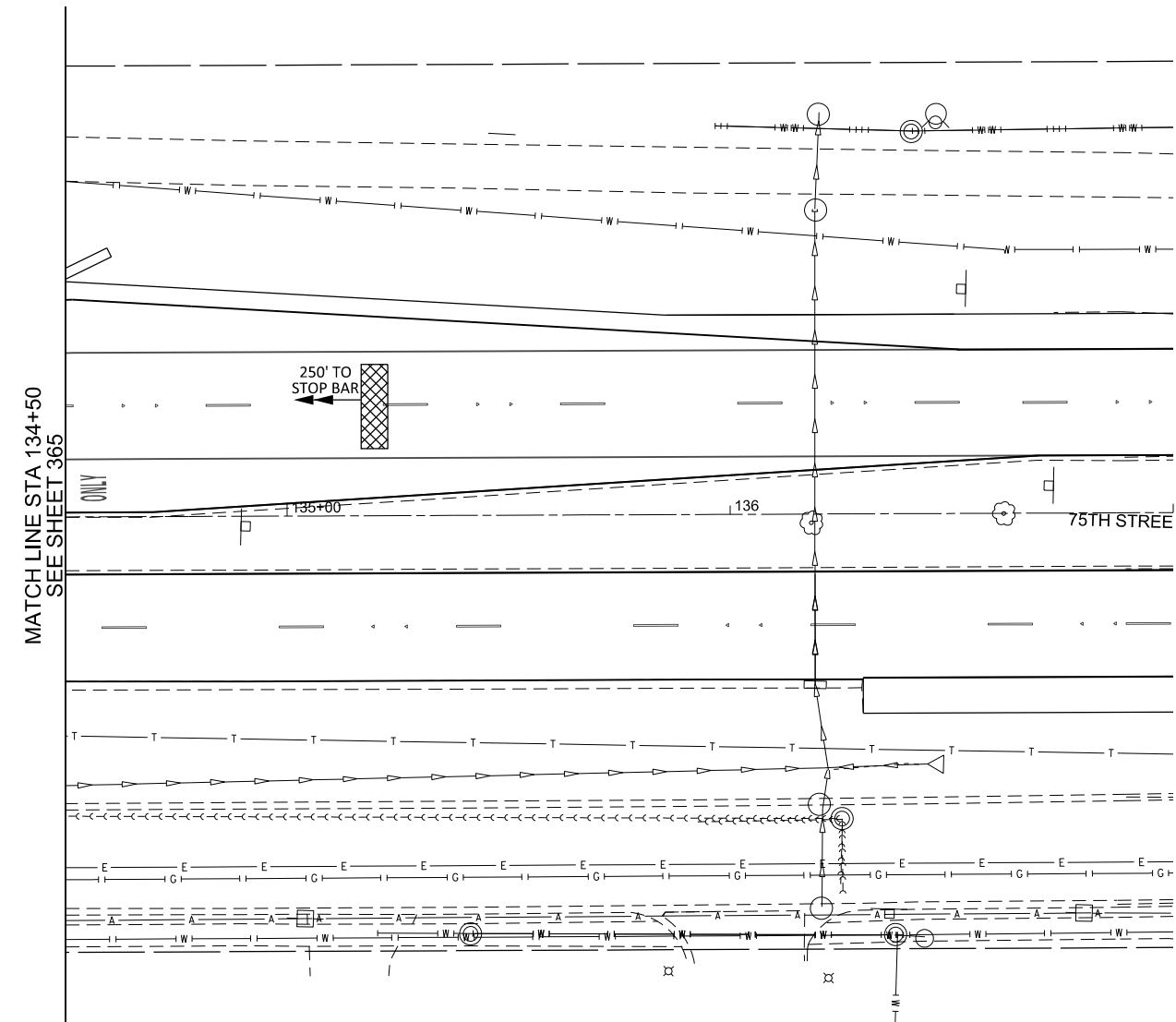
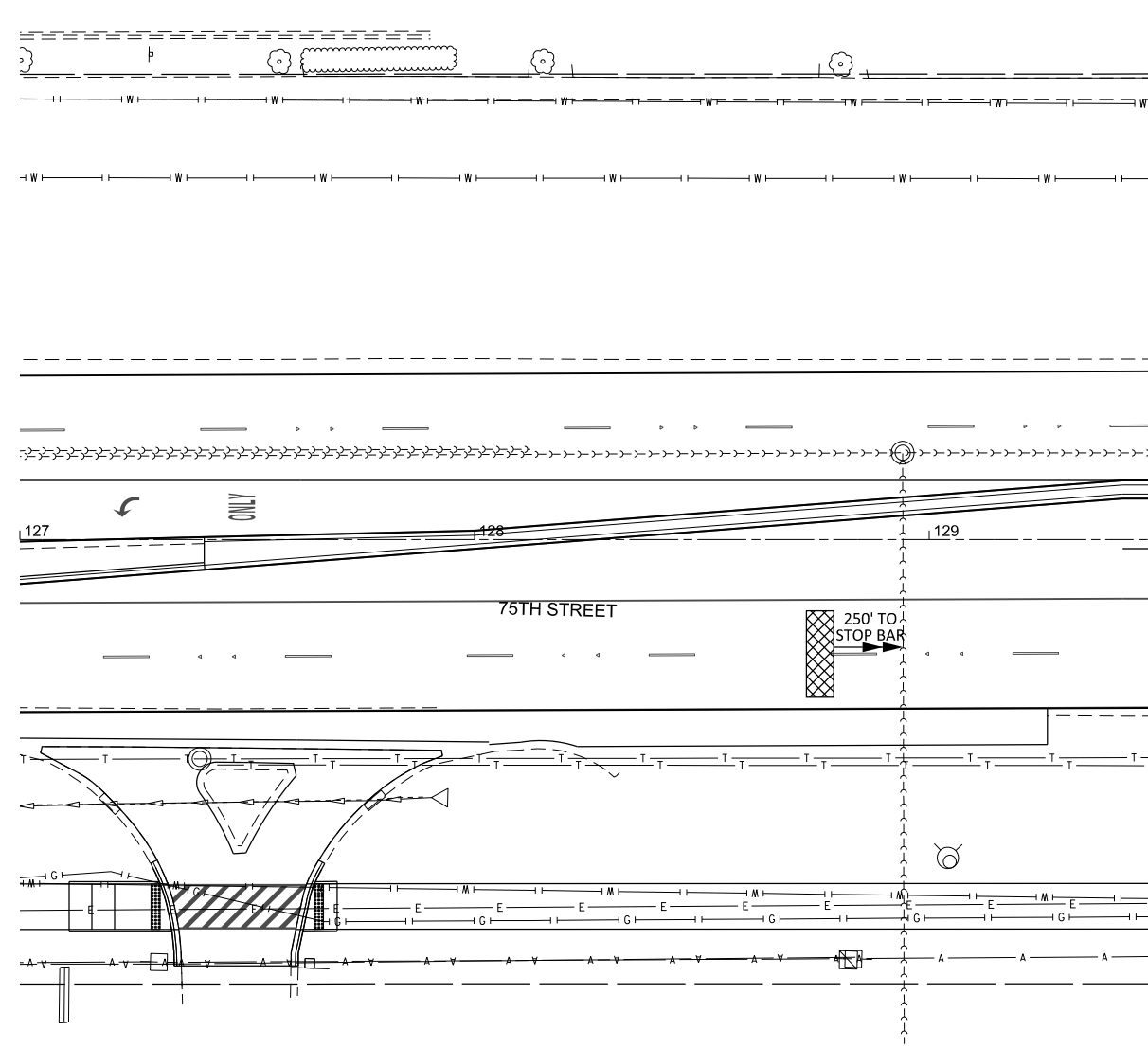
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
75TH STREET AND FAIRVIEW AVENUE
(SHEET 1 OF 2)**

SCALE: 1"=20' SHEET 47 OF 90 SHEETS STA. 129+50 TO STA. 134+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	365
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-47



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: \\fs1\new\modernization\plan FILE NAME: k:\projects\17-004-1-01E-75th Street Traffic Signal Design\Sheet Files\10-D\TTP\067106718-traffic-modernization.dgn



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	DRAWN - JRB	REVISED -
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PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

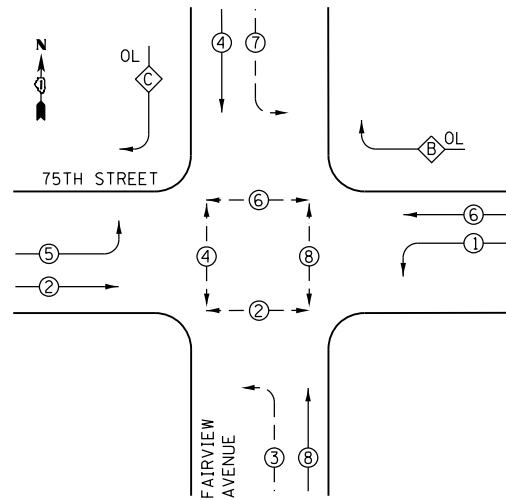
**TRAFFIC SIGNAL MODERNIZATION PLAN
75TH STREET AND FAIRVIEW AVENUE
(SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 48 OF 90 SHEETS STA. NA TO STA. NA

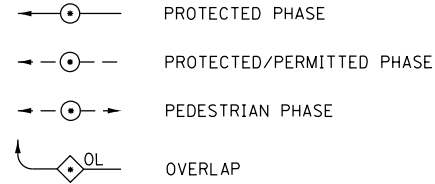
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	366
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-48

PROPOSED CONTROLLER SEQUENCE



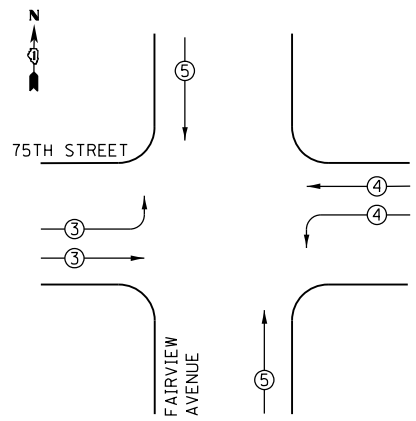
LEGEND



PROPOSED RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	6	7
C	4	5

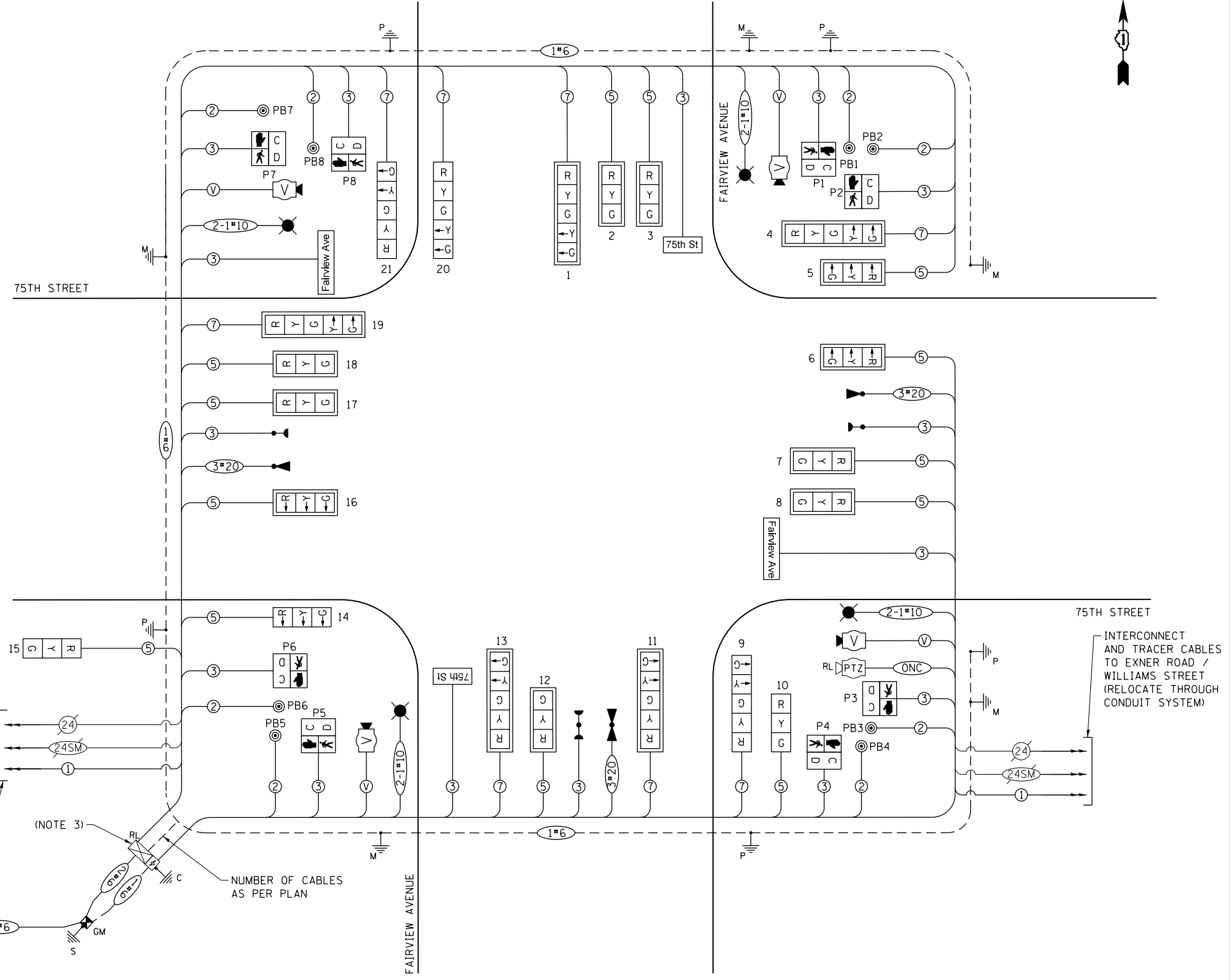
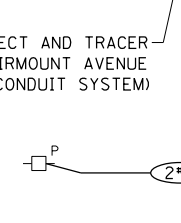
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	21	11	50	115.5
(YELLOW)	21	20	5	21.0
(GREEN)	21	12	45	113.4
ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	1	75	100	75.0
TOTAL =				1,345.9

ENERGY COSTS TO: DUPAGE COUNTY D.O.T., 421 N. COUNTY FARM RD. WHEATON, IL 60187
 ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON, PHONE: (630) 985-4074, COMPANY: COMED LOMBARD, ACCOUNT NUMBER: -----

INTERCONNECT AND TRACER CABLES TO FAIRMOUNT AVENUE (RELOCATE THROUGH CONDUIT SYSTEM)



CABLE PLAN
NOT TO SCALE

- NOTES**
- THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.
 - LED INTERNALLY ILLUMINATED STREET NAME SIGNS AND LUMINAIRES SHALL NOT BE CONNECTED TO THE UNINTERRUPTABLE POWER SUPPLY.
 - EXISTING CONTROLLER CABINET AND UPS SHALL BE RELOCATED TO NEW CONCRETE FOUNDATION.

MODEL: 16 Fairview Modern Inter-City Diagram
 FILE NAME: K:\03032017\001-101-75th Street Traffic Signal Design\Sheet Files\10 D:\DTP\007106718-htr-mo-modern-inter-city.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1 in.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND FAIRVIEW AVENUE

SCALE: NTS SHEET 49 OF 90 SHEETS STA. NA TO STA. NA

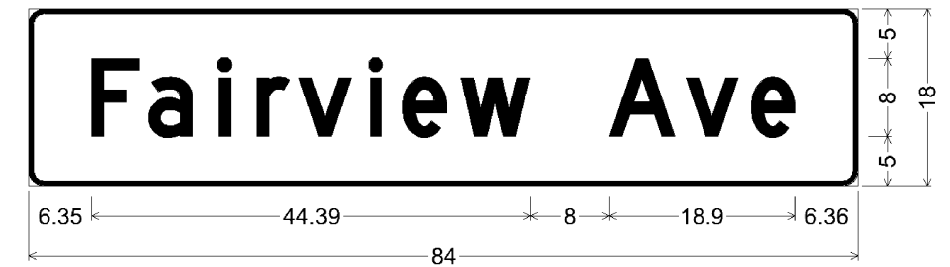
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 367
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-49

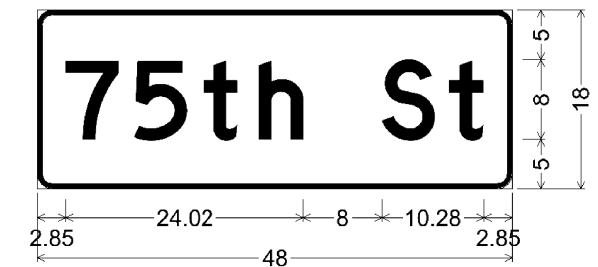
SCHEDULE OF QUANTITIES

ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
72000100	SIGN PANEL - TYPE 1	SQ FT	37.5
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	50
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	270
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	570
81400100	HANDHOLE	EACH	2
81400300	DOUBLE HANDHOLE	EACH	2
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,010
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,690
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,400
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,180
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,890
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	70
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	740
87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
87702920	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87702990	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	20
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	75
87900200	DRILL EXISTING HANDHOLE	EACH	2
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	15
88700200	LIGHT DETECTOR	EACH	3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	7
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	12
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
XX009046	VEHICLE DETECTION SYSTEM, SPECIAL	EACH	1
X0326656	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET, COMPLETE	EACH	1
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	680
X0327211	RELOCATE SWITCH	EACH	2
X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
X1400238	LUMINAIRE, LED, SPECIAL	EACH	4
X1400322	RELOCATE EXISTING REMOTE-CONTROLLED VIDEO SYSTEM	EACH	2
X8100863	INTERCEPT EXISTING CONDUIT	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
	CABLE, SPECIAL	FOOT	940



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	10.50	LED SNS	ZZ	2 (TWO-SIDED)



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.00	LED SNS	ZZ	2 (TWO-SIDED)

MODEL: 60 Fairview Quantity.mxd.dwg
FILE NAME: K:\Projects\17504\17504-101E 75th Street Traffic Signals\Design\Sheet\Sheet 110 D:\DTP\105718\sh-hr-mndr-mlt-101e.dwg



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40,000' / 1" =	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
75TH STREET AND FAIRVIEW AVENUE**

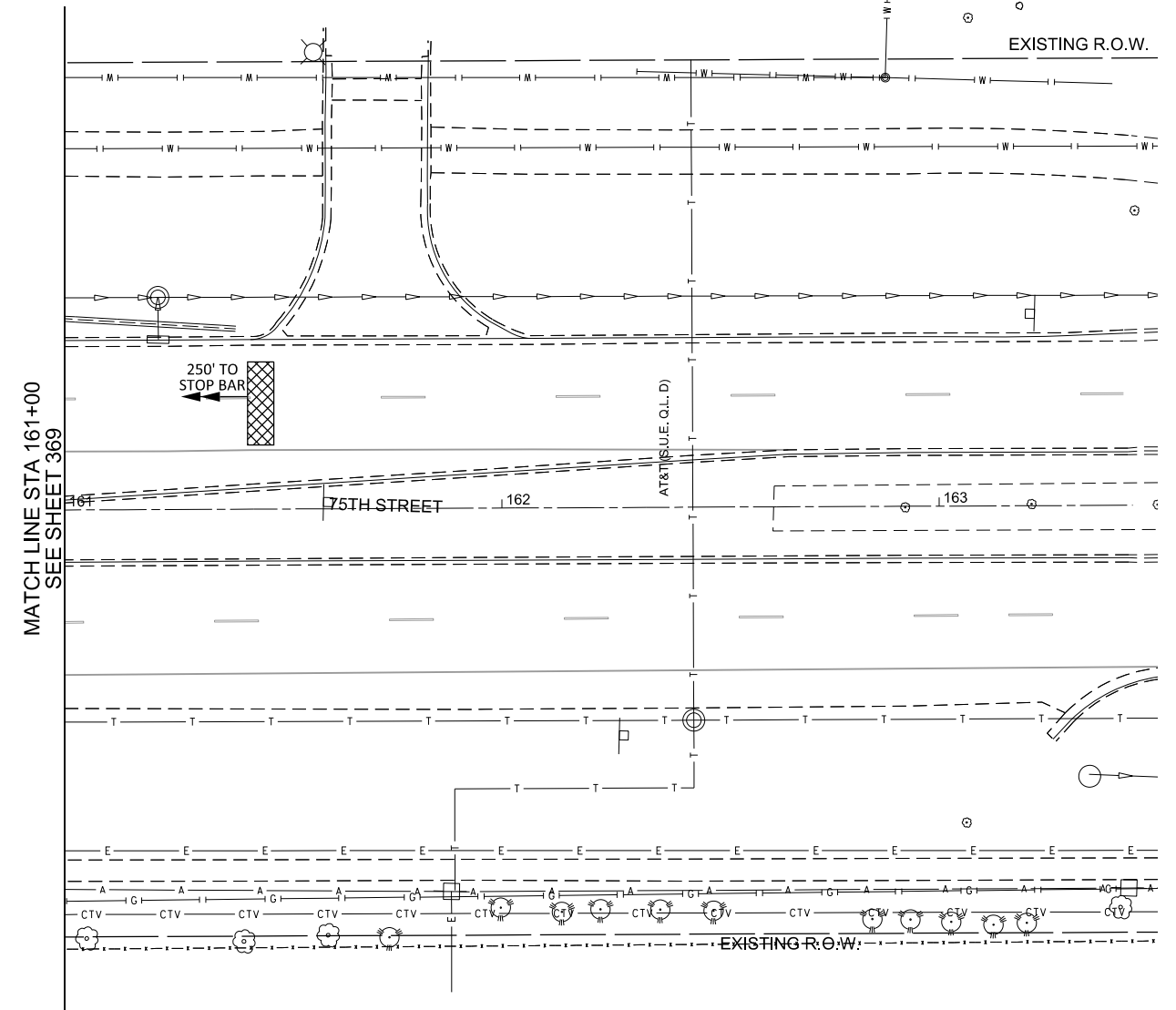
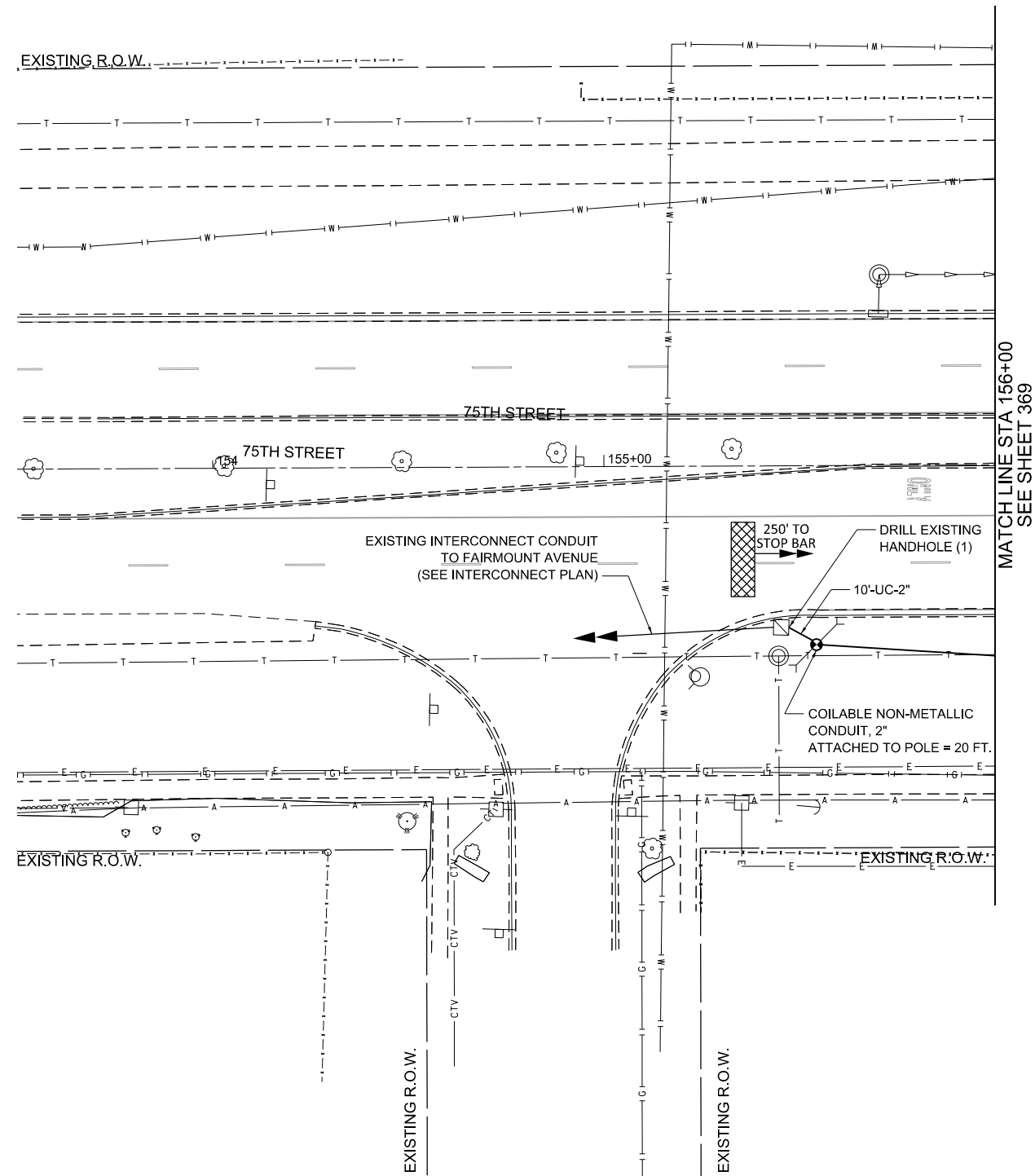
SCALE: NTS SHEET 50 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY	TOTAL SHEETS 477	SHEET NO. 368
			CONTRACT NO. 61G18	
		ILLINOIS	FED. AID PROJECT	

TS-50

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: G:\Exner Prestage Plan
 FILE NAME: K:\P\03233\17-001-101E-75th Street Traffic Signal Design\Sheet Files\02-D\170161718-Exner Road Prestage.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40,00' / 1in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

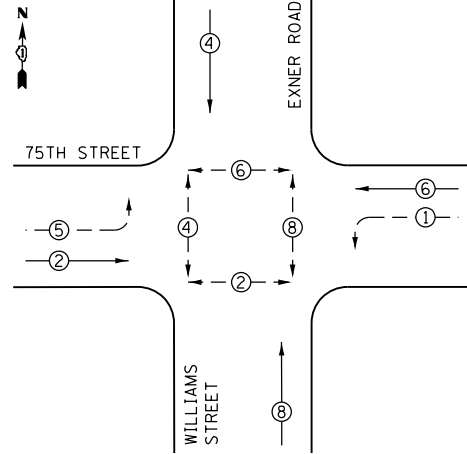
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
75TH STREET AND EXNER ROAD
PRESTAGE (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 52 OF 90 SHEETS STA. NA TO STA. NA

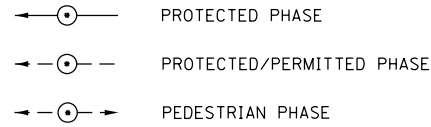
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	370
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-52

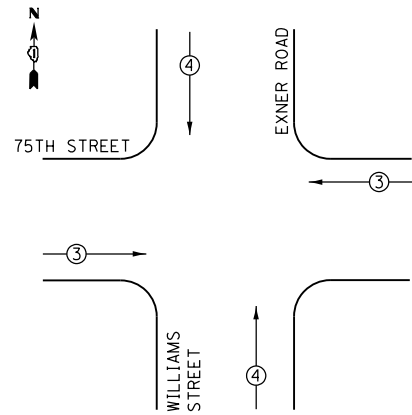
**EXISTING AND PRESTAGE
CONTROLLER SEQUENCE**



LEGEND



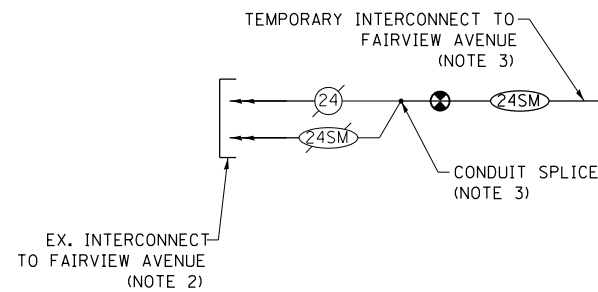
**EXISTING AND PRESTAGE EMERGENCY
VEHICLE PREEMPTION SEQUENCE**



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
ARROW	8	10	10	8.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	-	75	100	-
TOTAL =				939.6

ENERGY COSTS TO: DUPAGE COUNTY D.O.T.
421 N. COUNTY FARM RD.
WHEATON, IL 60187

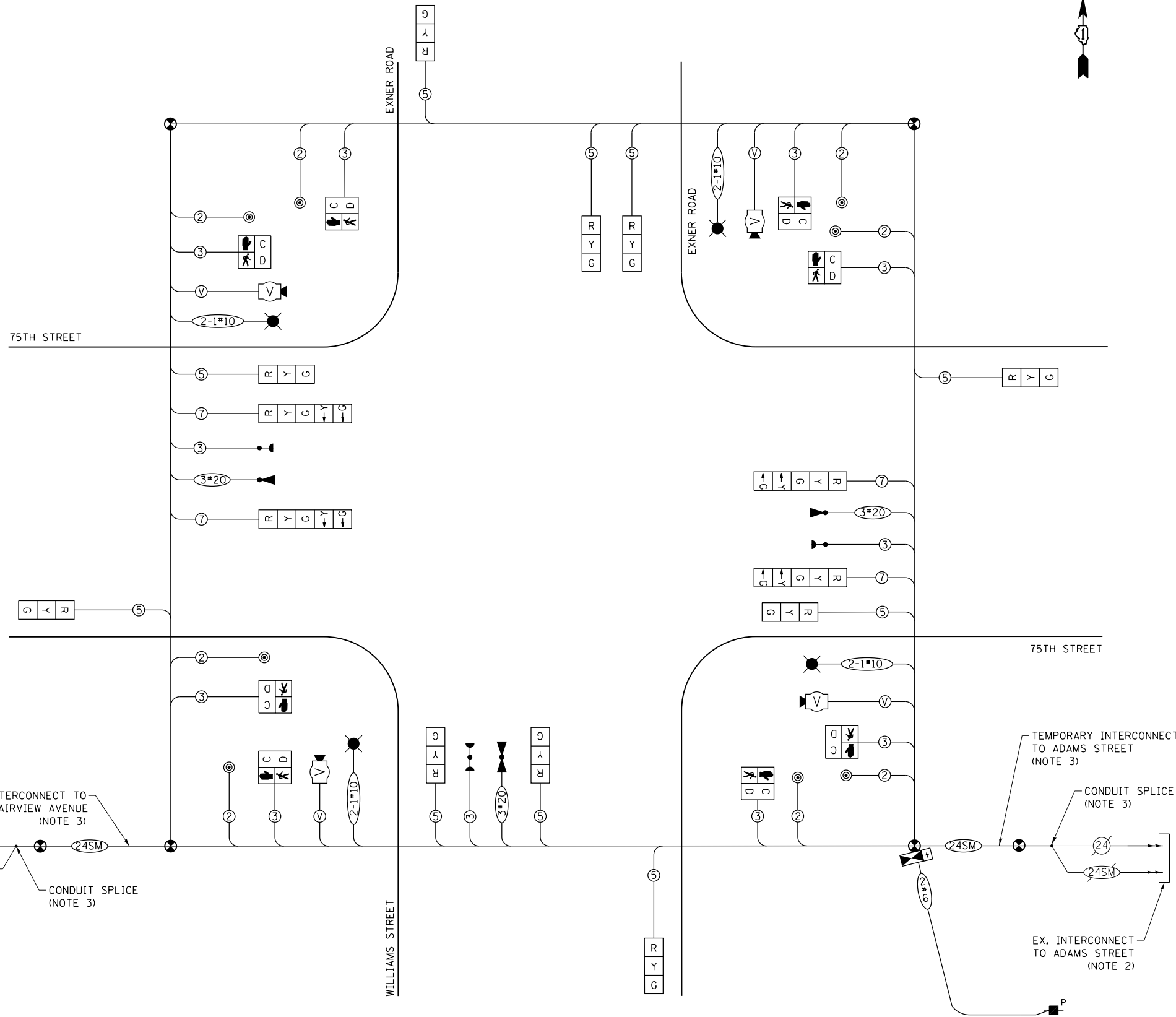
ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON
PHONE: (630) 985-4074
COMPANY: COMED LOMBARD ACCOUNT NUMBER: -----



NOTES

1. INFORMATION PROVIDED ON THIS SHEET PERTAINS TO THE PRE-STAGE PERIOD ONLY. REFER TO THE RESPECTIVE CABLE DIAGRAMS FOR STAGES 1/1A/1B/1C/1D; STAGES 2/2A; OR PERMANENT EQUIPMENT INSTALLATIONS FOR DETAILED INFORMATION PERTAINING TO THOSE PERIODS OF CONSTRUCTION.
2. DENOTED CABLES SHALL BE TEMPORARILY REMOVED FROM THE EXISTING CONDUIT SYSTEM ALONG 75TH STREET AND STORED AS DETAILED IN THE TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC.
3. REFER TO TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC DIAGRAM FOR DETAILED INFORMATION PERTAINING TO INSTALLATION AND SPLICING OF TEMPORARY AERIAL FIBER CABLE.

**CABLE PLAN
NOT TO SCALE**



MODEL: 63-Exner-Prestage-Cable-Plan.dwg
FILE NAME: K:\Projects\61G18-16-00233-00-CH-75th-Street-Traffic-Signals\Design\Sheet\Sheet\61G18-16-00233-00-CH-75th-Street-Traffic-Signals-prestage.dwg



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1 in.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

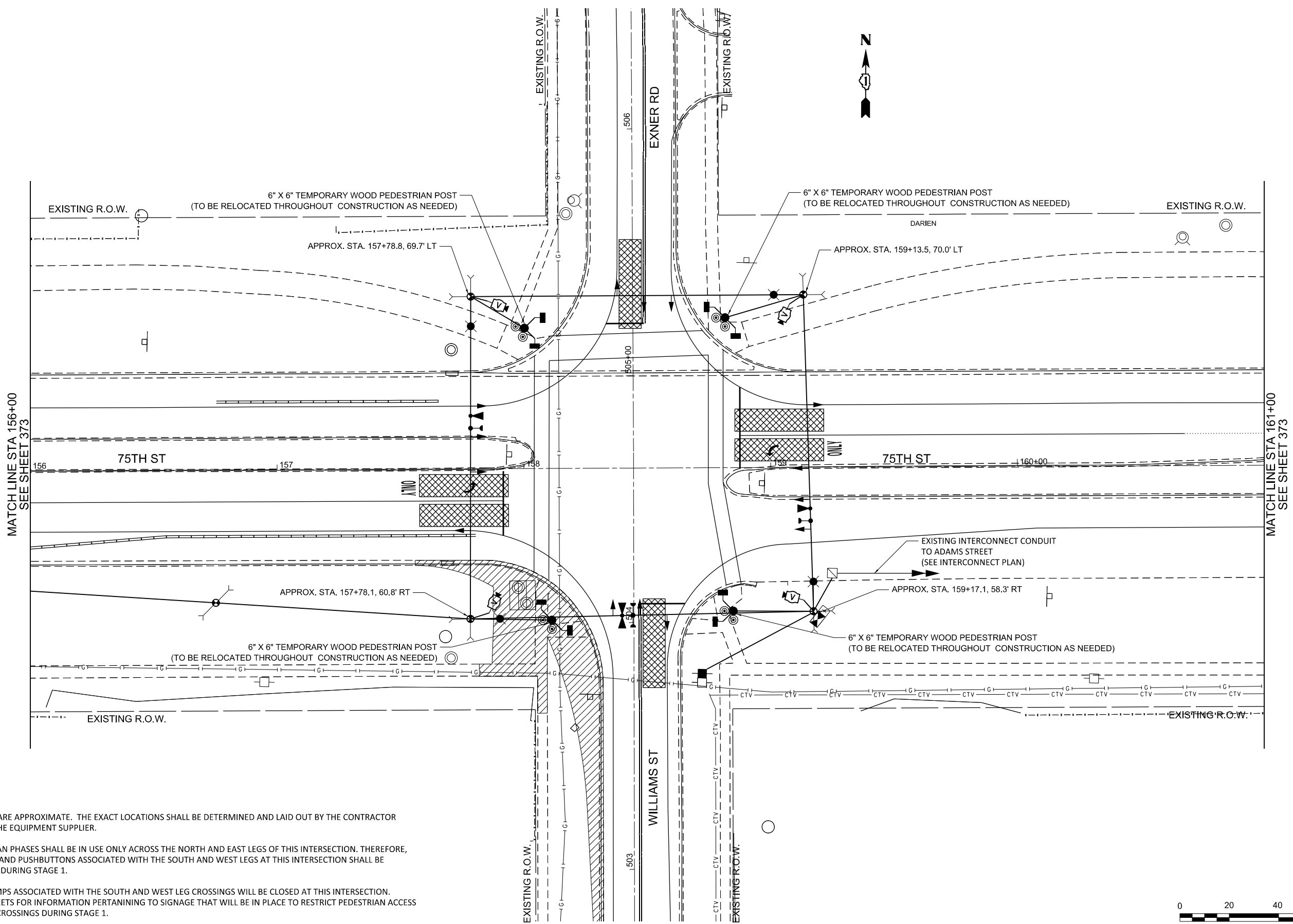
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND EXNER ROAD: PRESTAGE**

SCALE: NTS SHEET 53 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	371
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-53



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH AND EAST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE SOUTH AND WEST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1.
3. DURING STAGE 1, CURB RAMPS ASSOCIATED WITH THE SOUTH AND WEST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1.



MODEL: E:\Projects\75th and Exner Stage 1 Plan
 FILE NAME: K:\Projects\75th and Exner Stage 1 Plan\Design\Sheet Files\03 D:\TDP\16178\Sheet Stage 1.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND EXNER ROAD
 STAGE 1 (SHEET 1 OF 2)**

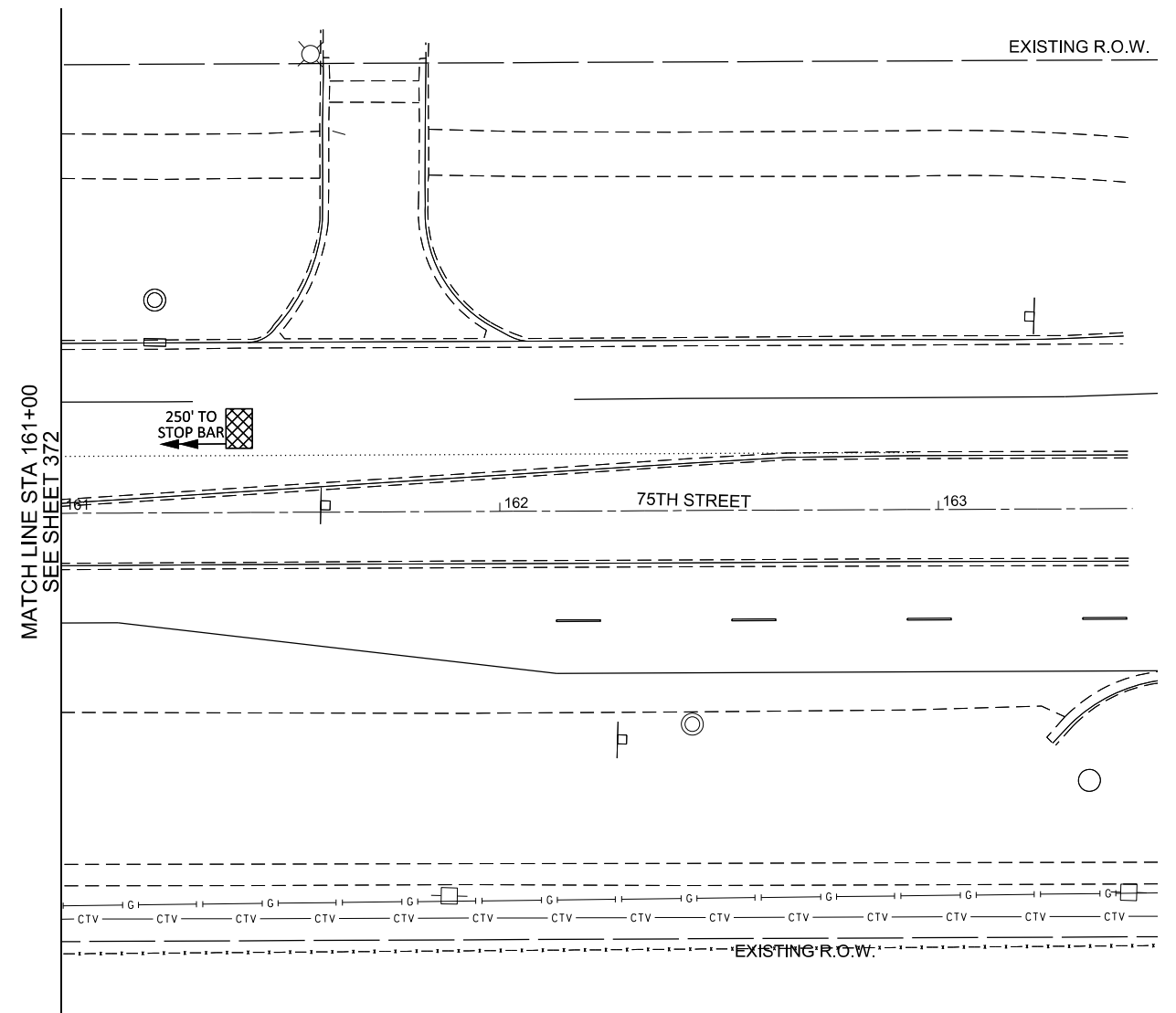
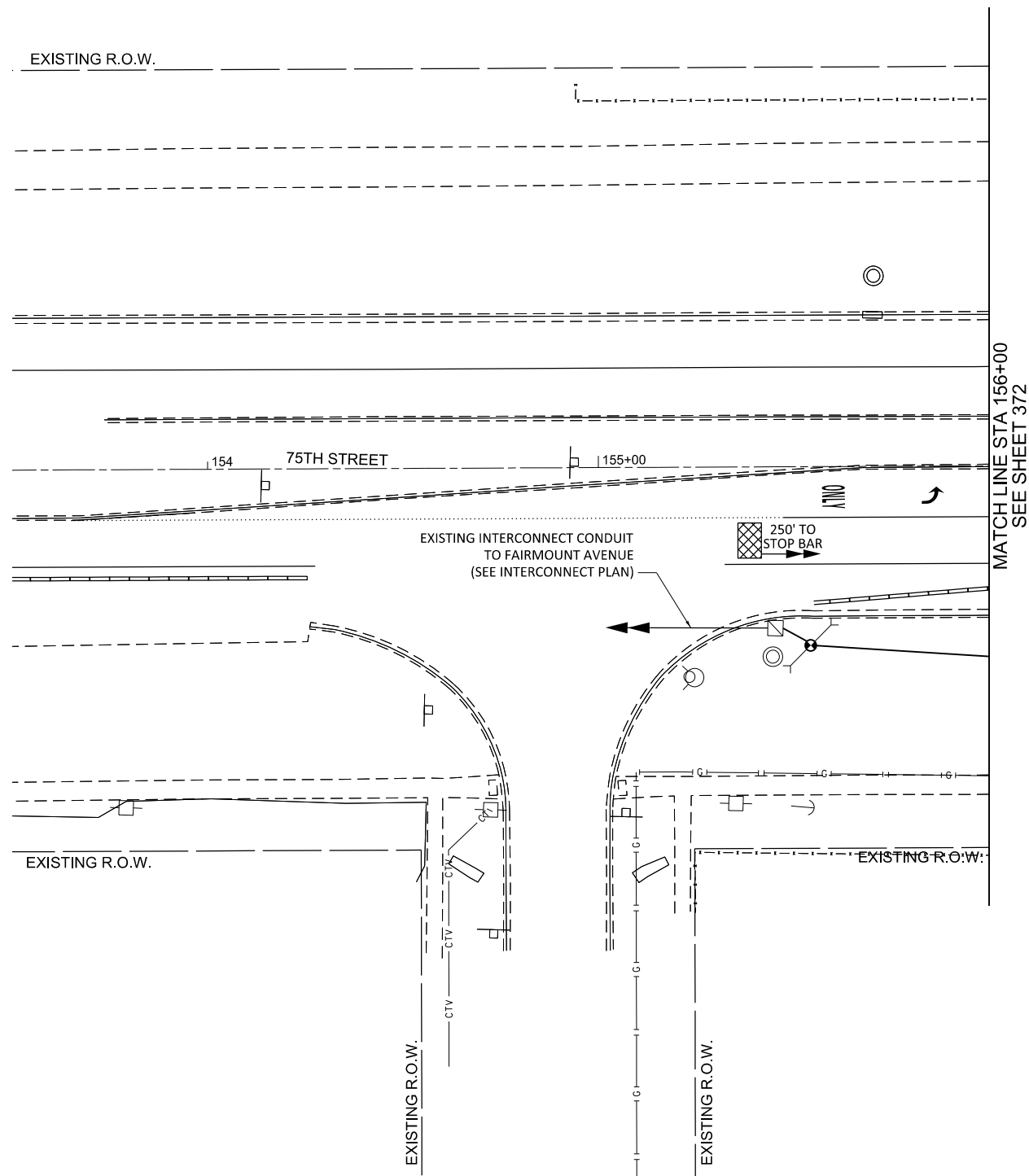
SCALE: 1"=20' SHEET 54 OF 90 SHEETS STA. 156+00 TO STA. 161+00

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 372
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-54

NOTES:

- DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: 66 W... and Exner Stage 1 Plan
FILE NAME: K:\Projects\17-004-1-01E-75th Street, Traffic Signals\Design\Sheet Files\03 D:\ITP\161718-01-17-2020-1.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISIONS -	
PLOT SCALE = 40.00' / 1" In.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

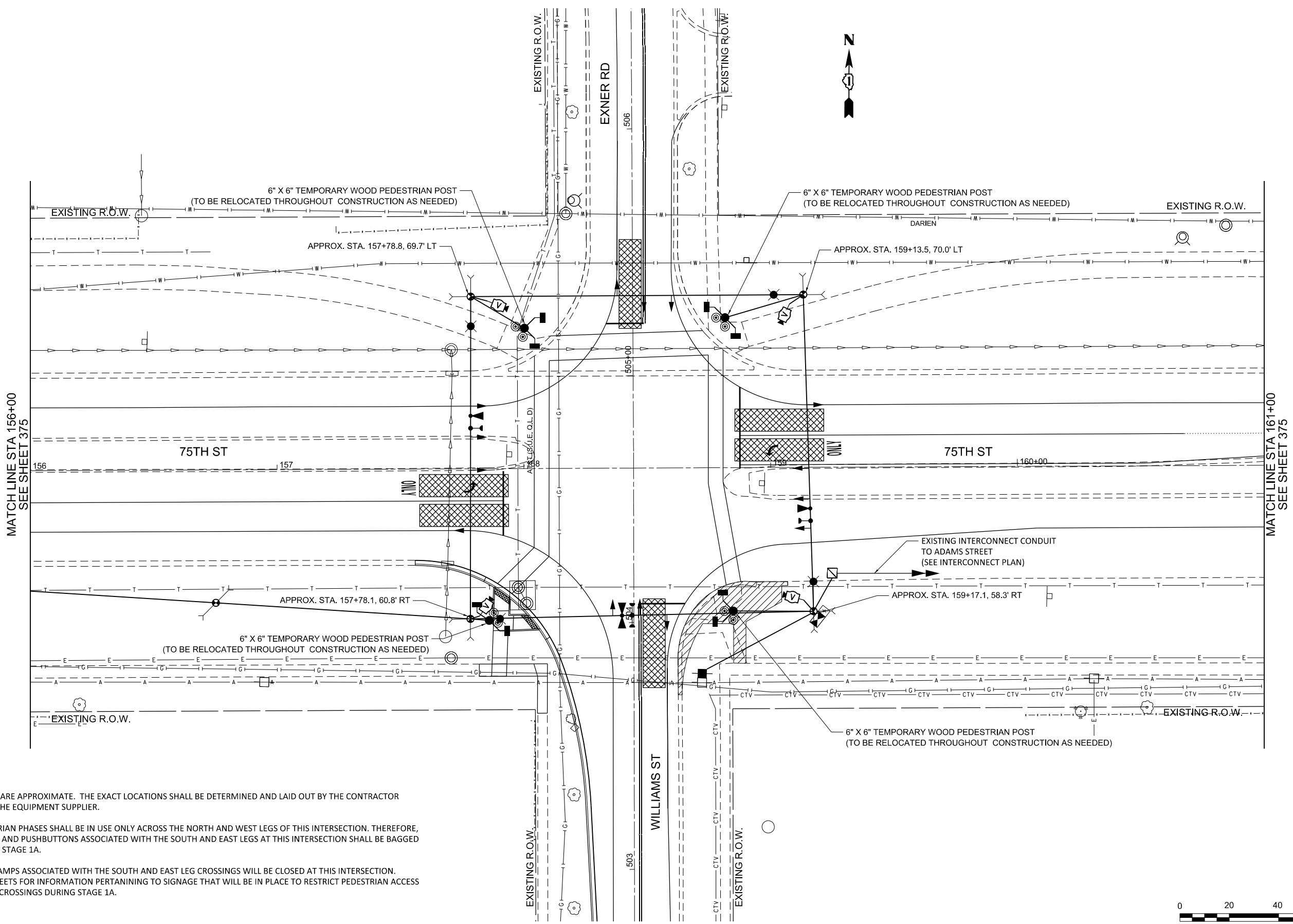
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 1 (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 55 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	373
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-55



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1A, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH AND WEST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE SOUTH AND EAST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1A.
3. DURING STAGE 1A, CURB RAMPS ASSOCIATED WITH THE SOUTH AND EAST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1A.



MODEL: 60 Williams and Exner Stage 1A Plan
 FILE NAME: K:\Projects\17-004-1-01E 75th Street Traffic Signal\Design\Sheet Files\04 D:\DTP\16178-ehh-Stage 1a.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 1A (SHEET 1 OF 2)**

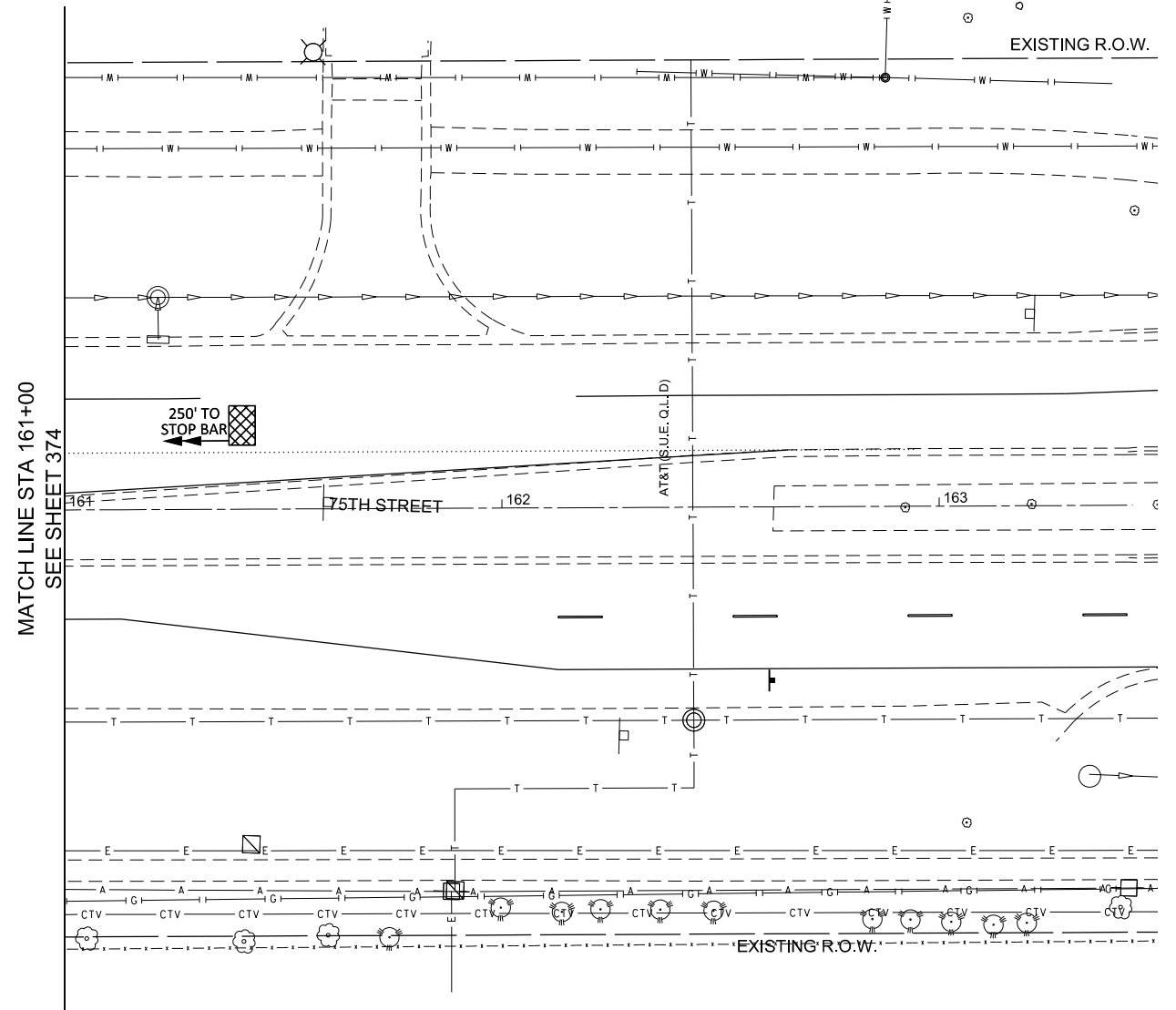
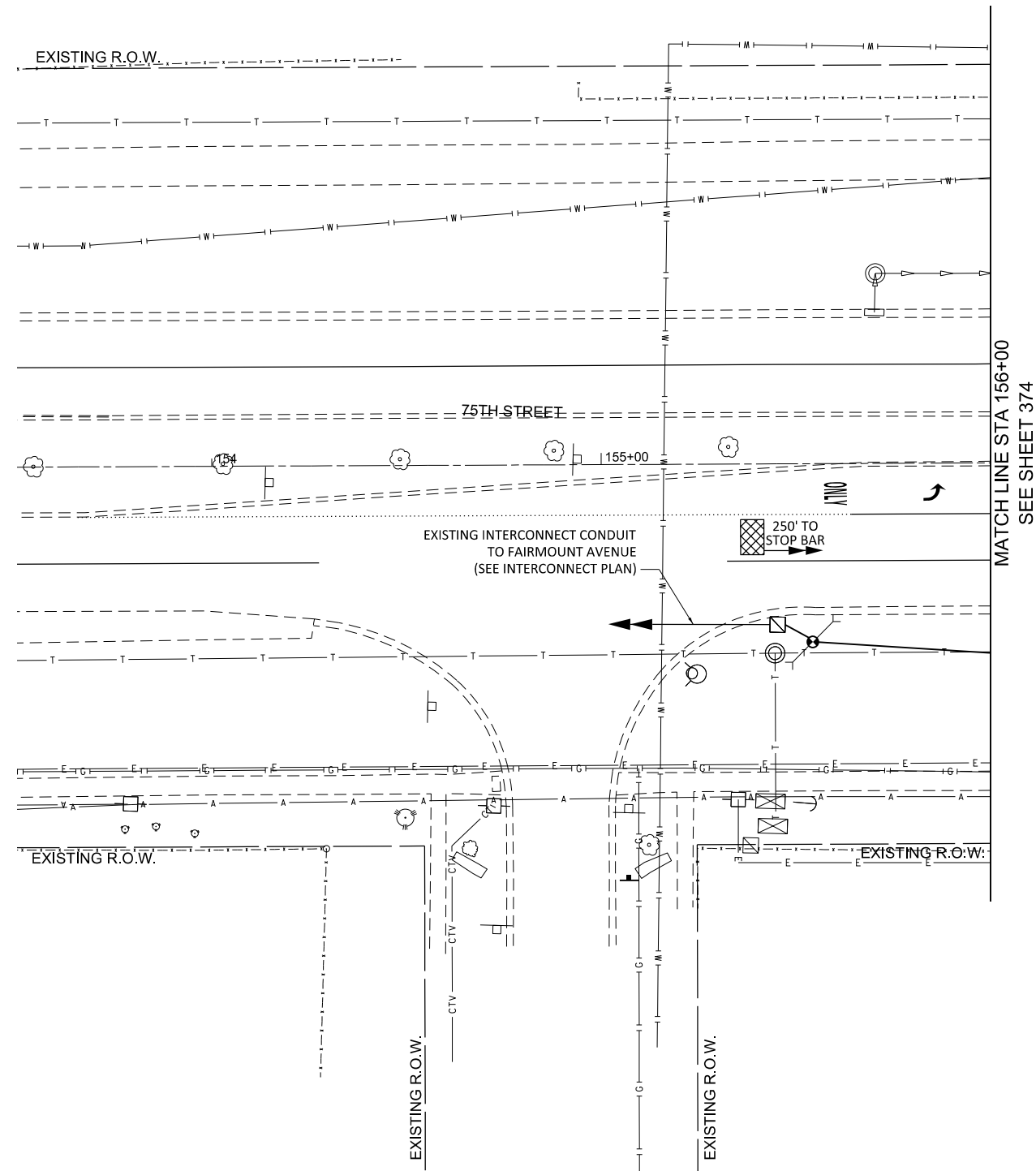
SCALE: 1"=20' SHEET 56 OF 90 SHEETS STA. 156+00 TO STA. 161+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	374
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-56

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: CT V... and Exner Stage 1A Plan
 FILE NAME: K:\Projects\17-004-1-01E 75th Street Traffic Signal\Design\Sheet Files\04 D:\DTP\161718-eh-Stage 1a.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00 ' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

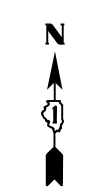
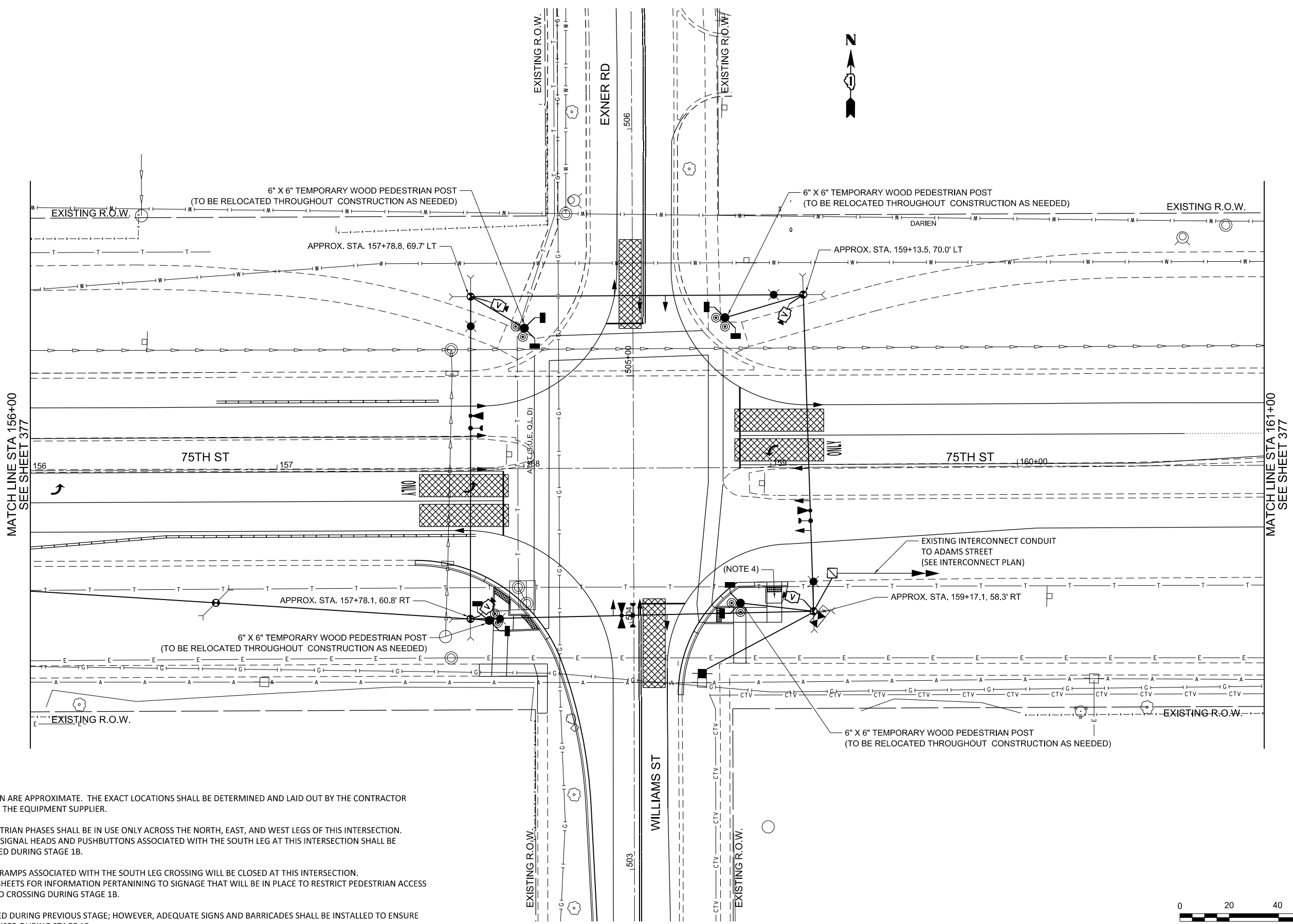
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 1A (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 57 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	375
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-57



MATCH LINE STA 156+00
SEE SHEET 377

MATCH LINE STA 161+00
SEE SHEET 377

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1B, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH, EAST, AND WEST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE SOUTH LEG AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1B.
3. DURING STAGE 1B, CURB RAMPS ASSOCIATED WITH THE SOUTH LEG CROSSING WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSING DURING STAGE 1B.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1B.



MODEL: 60 W. Wells and Exner Stage 1B Plan
FILE NAME: K:\Projects\17-504-1-15E 75th Street Traffic Signal\Design\Sheet Files\05 D:\DTP\16178-1a-ht-Stage 1b.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 1B (SHEET 1 OF 2)**

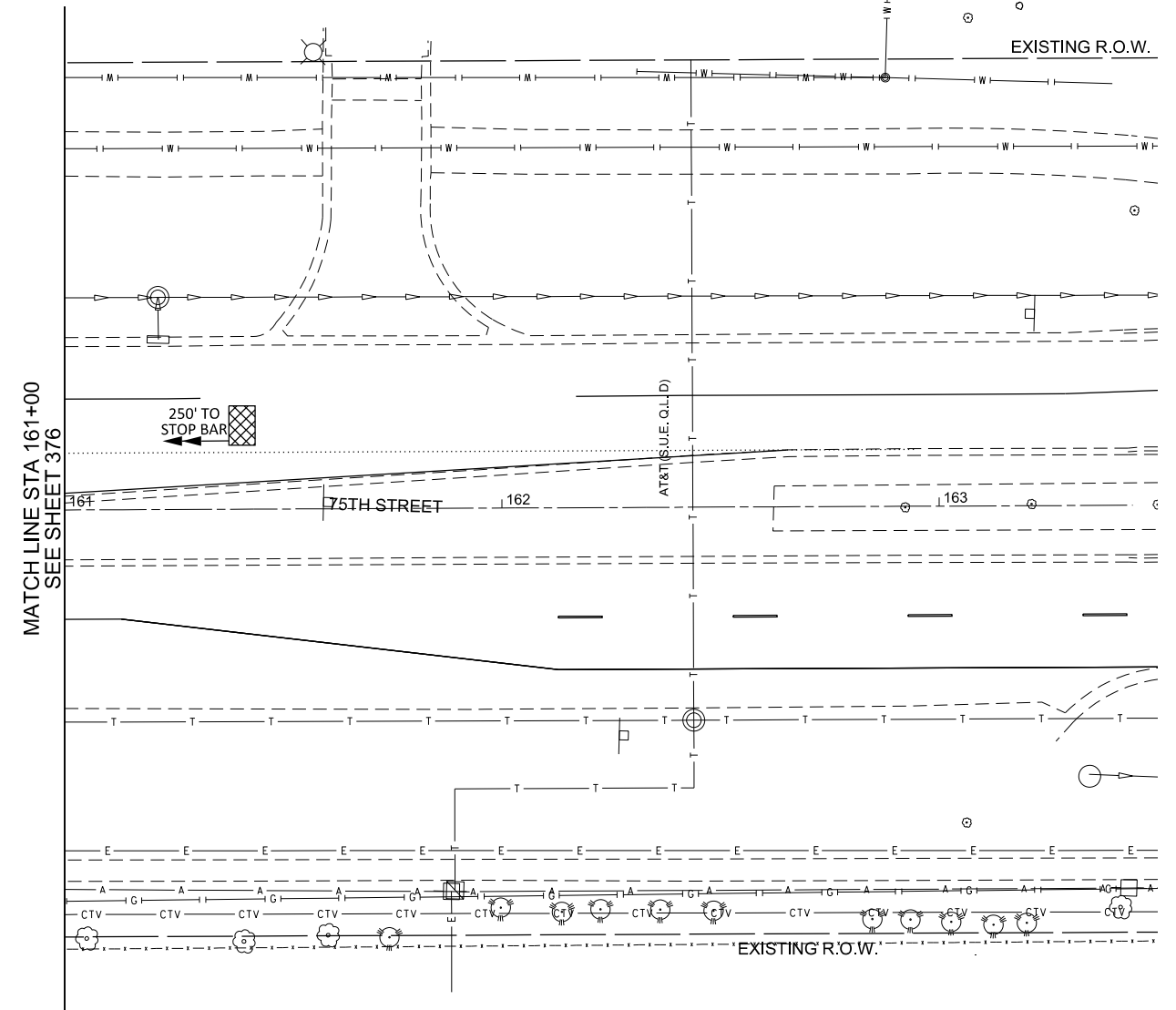
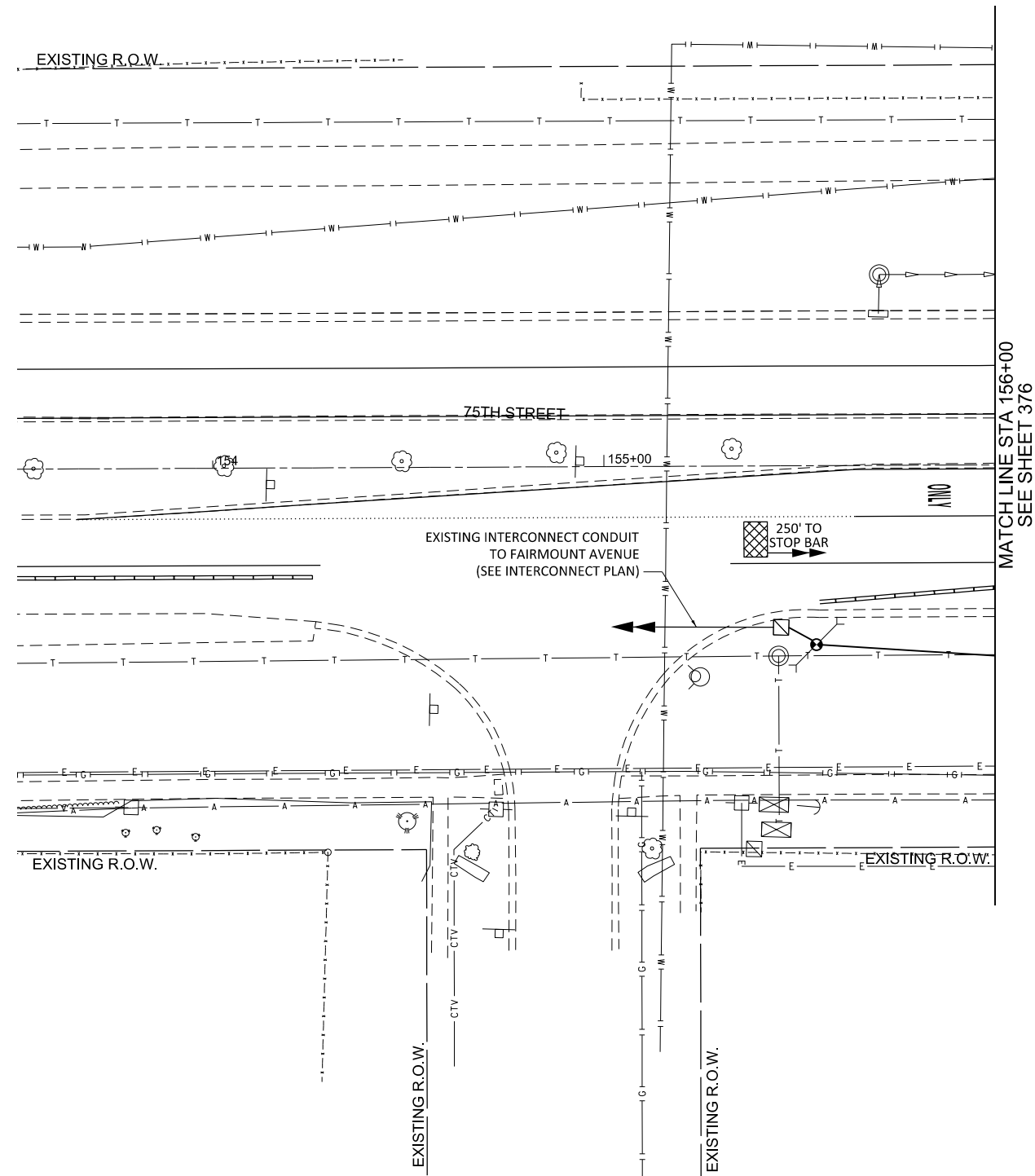
SCALE: 1"=20' SHEET 58 OF 90 SHEETS STA. 156+00 TO STA. 161+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	376
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-58

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: 60 W... and Exner Stage 1B Plan
 FILE NAME: K:\303233\17-004-1-01E 75th Street Traffic Signal Design\Sheet Files\05 D:\TPO\16718-eh-Stage 1b.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISIONS -	
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

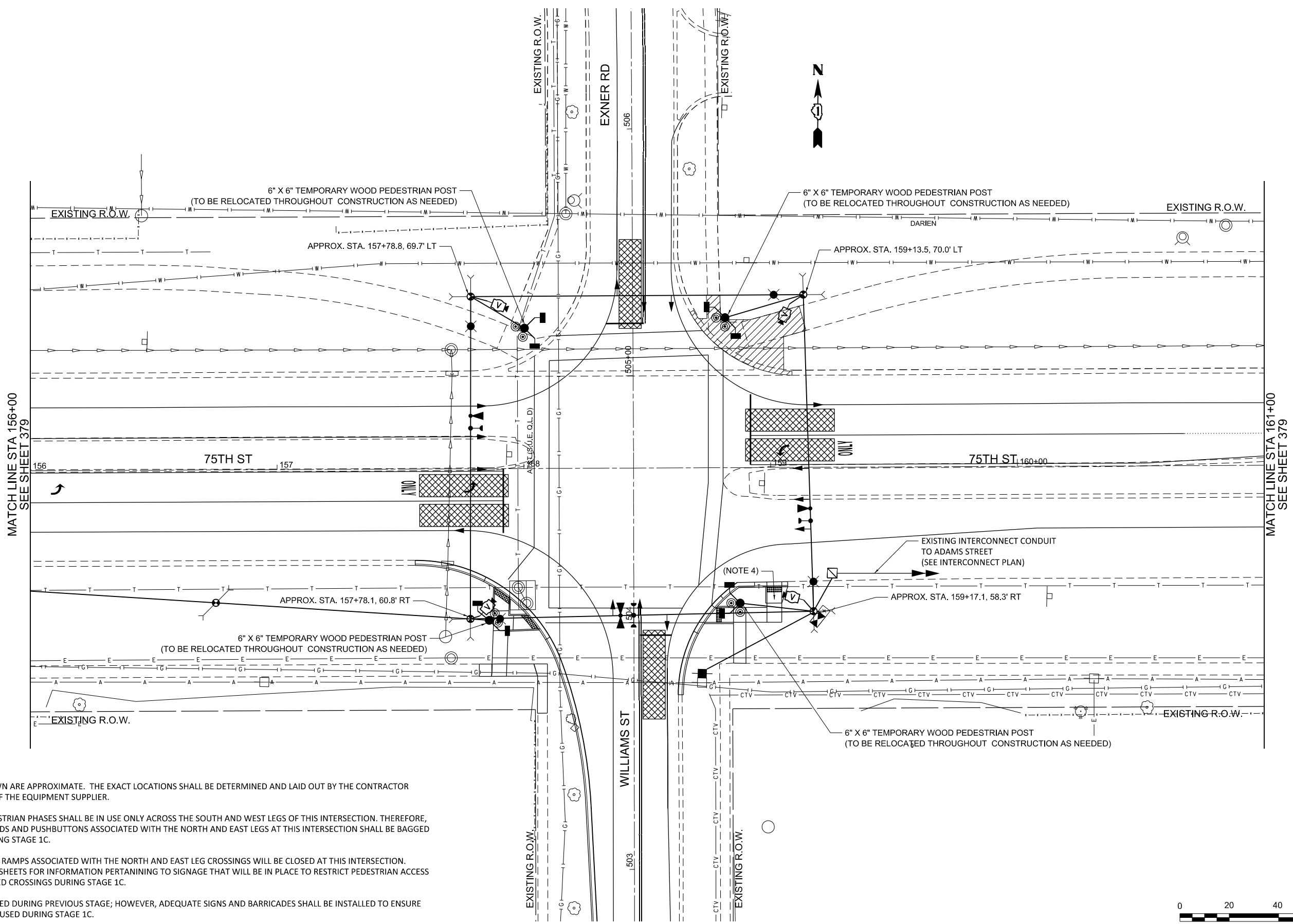
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 1B (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 59 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	377
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-59



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1C, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE SOUTH AND WEST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE NORTH AND EAST LEGS AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1C.
3. DURING STAGE 1C, CURB RAMPS ASSOCIATED WITH THE NORTH AND EAST LEG CROSSINGS WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSINGS DURING STAGE 1C.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1C.



MODEL: 60 Williams and Exner Stage 1C.dwg
 FILE NAME: K:\Projects\17-204-1-1E 75th Street Traffic Signal\Design\Sheet Files\06 D:\DTP\16178-ahh-Stage 1C.dwg



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 1C (SHEET 1 OF 2)**

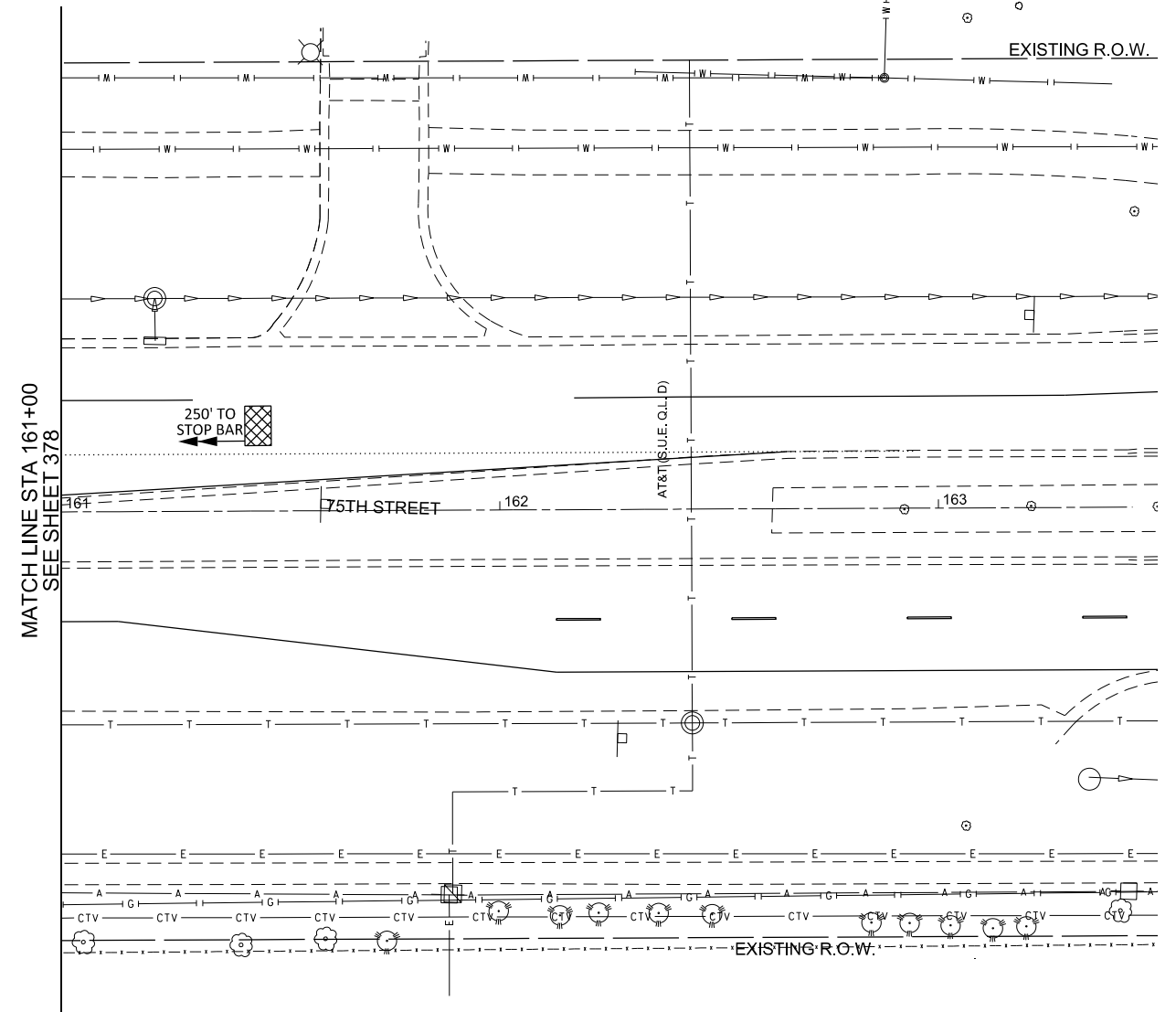
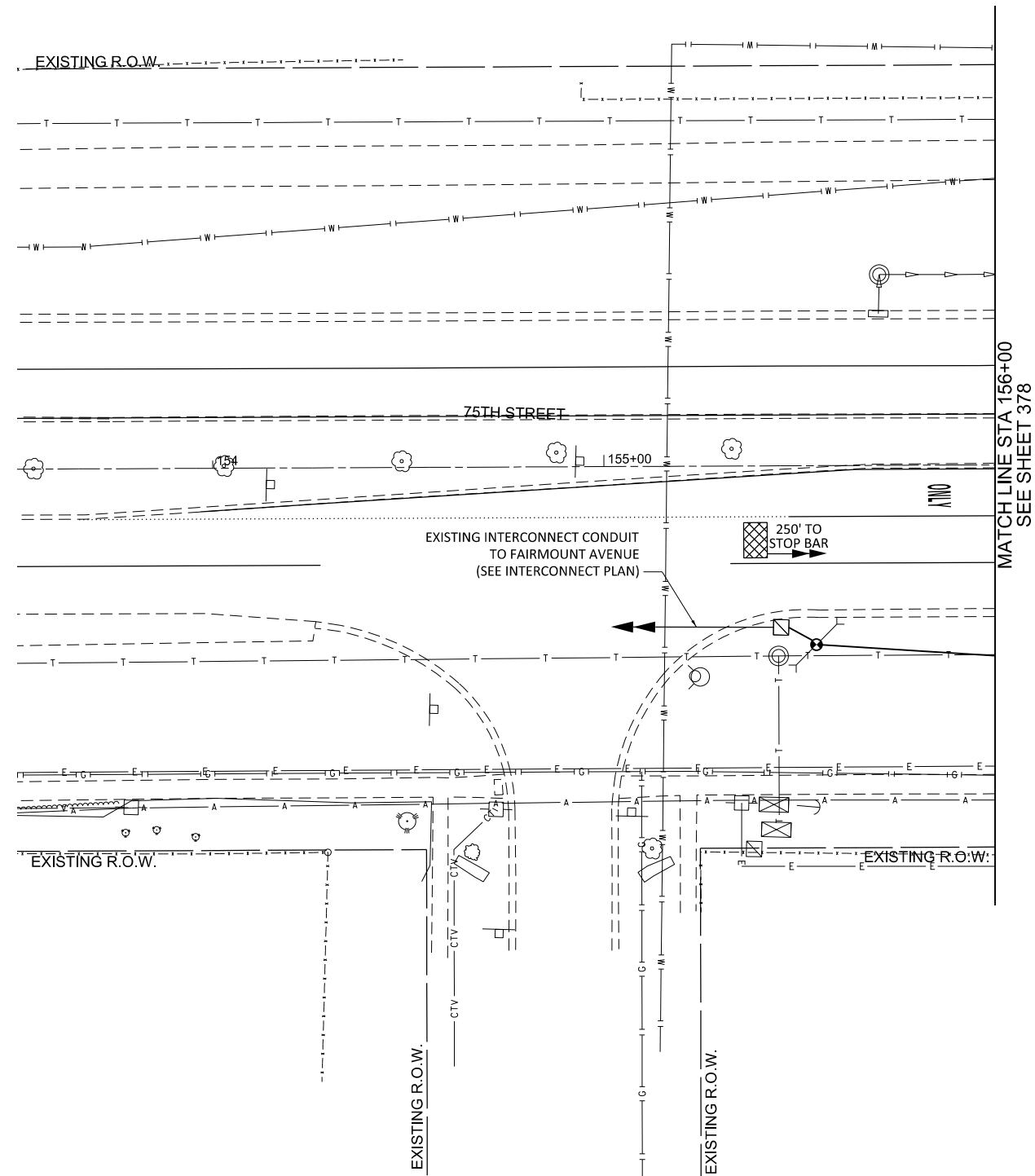
SCALE: 1"=20' SHEET 60 OF 90 SHEETS STA. 156+00 TO STA. 161+00

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 378
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-60

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: G:\Williams and Exner\Stage 1c\Plan
 FILE NAME: K:\Projects\17-504-1-01E-75th Street Traffic Signal\Design\Sheet Files\06 D:\TPO\16718-Sub-Stage 1c.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

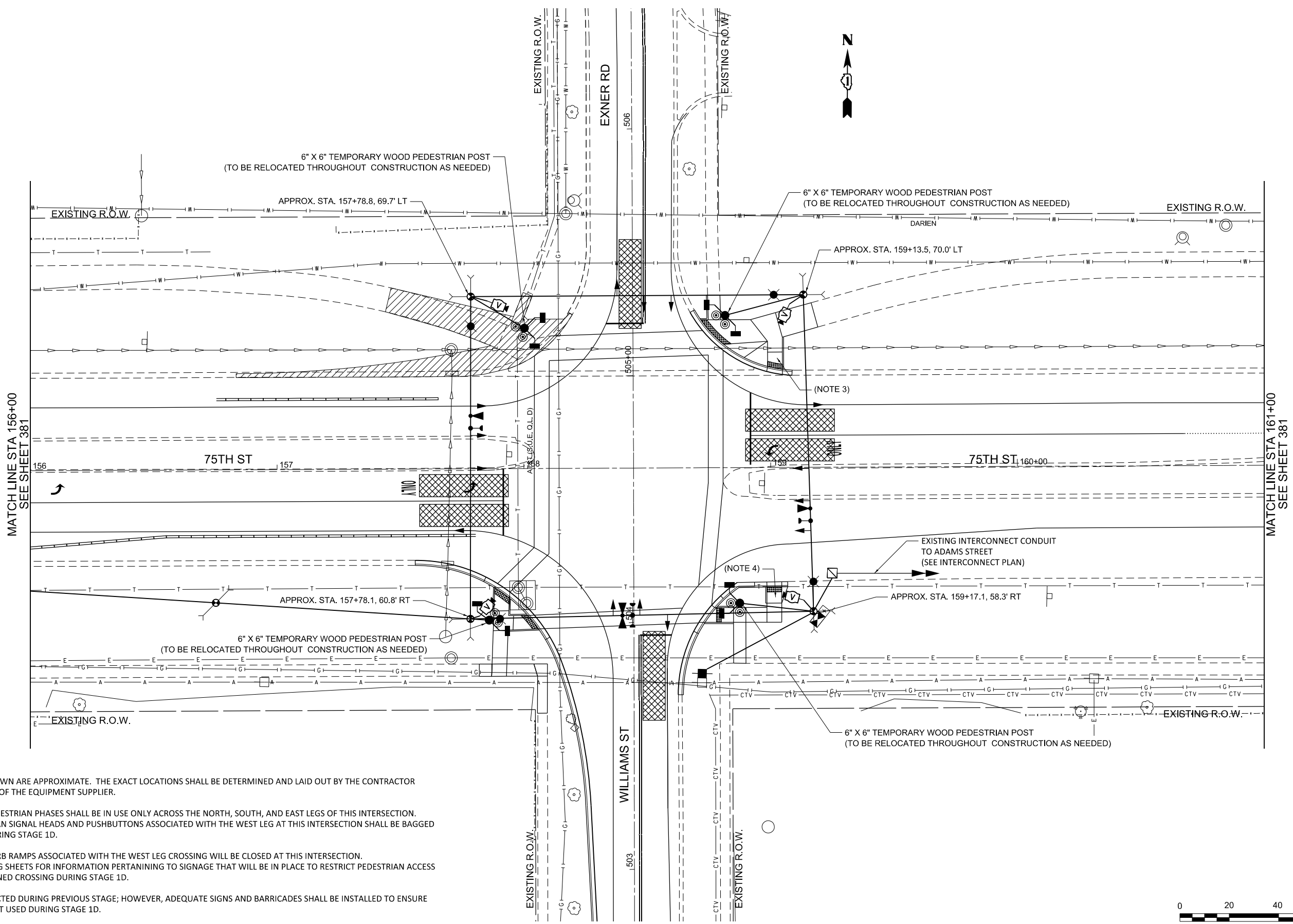
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 1C (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 61 OF 90 SHEETS STA. NA TO STA. NA

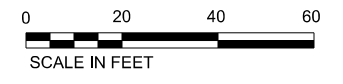
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	379
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-61



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 1D, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH, SOUTH, AND EAST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE WEST LEG AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 1D.
3. DURING STAGE 1D, CURB RAMPS ASSOCIATED WITH THE WEST LEG CROSSING WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSING DURING STAGE 1D.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 1D.



MODEL: G:\Projects\16-00233-00-CH\75th Street Traffic Signal\Design\Sheet Files\07-DTD\TR016718-eh1-Stage 1d.dgn
 FILE NAME: K:\Projects\16-00233-00-CH\75th Street Traffic Signal\Design\Sheet Files\07-DTD\TR016718-eh1-Stage 1d.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND EXNER ROAD
 STAGE 1D (SHEET 1 OF 2)**

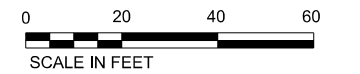
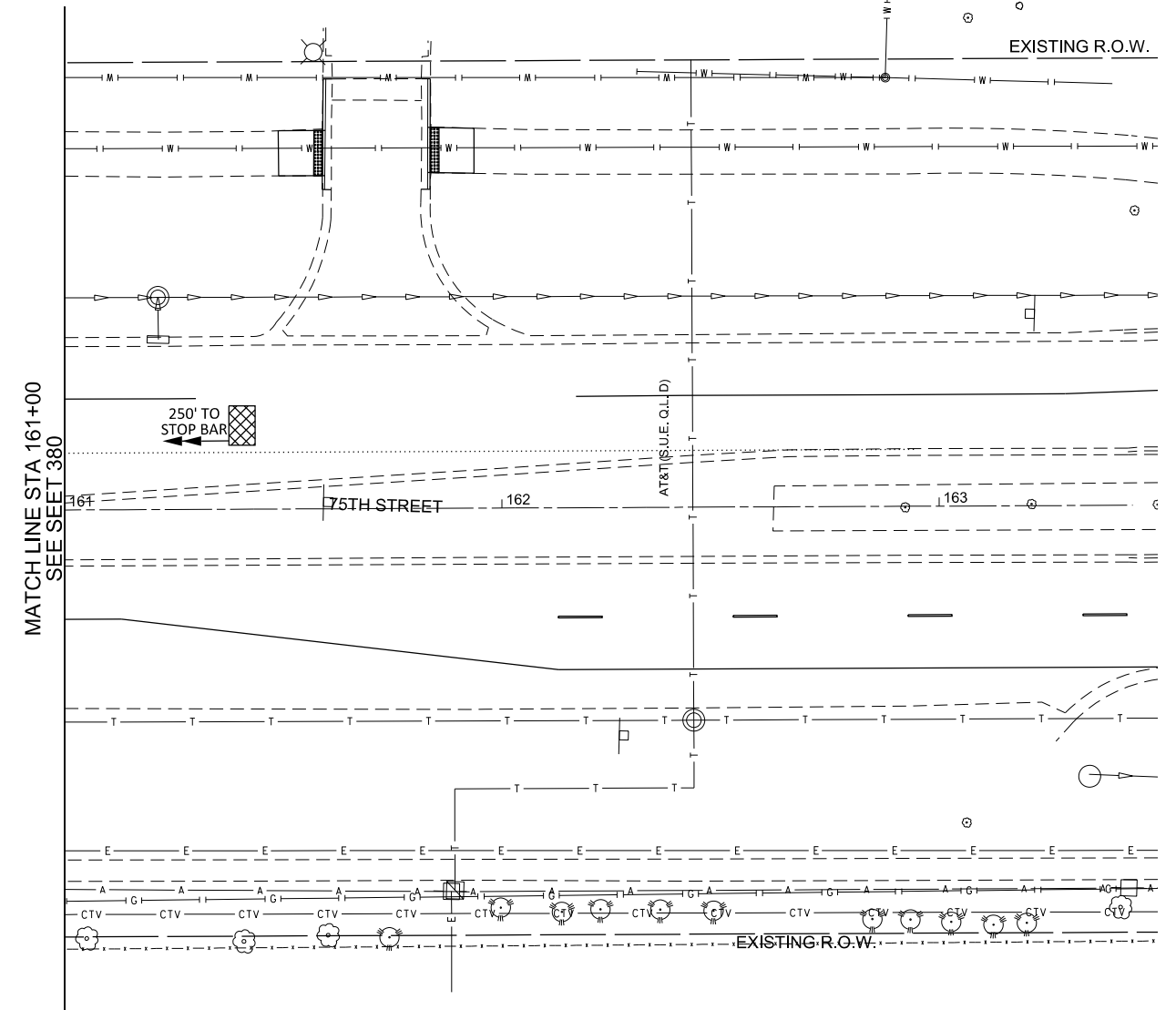
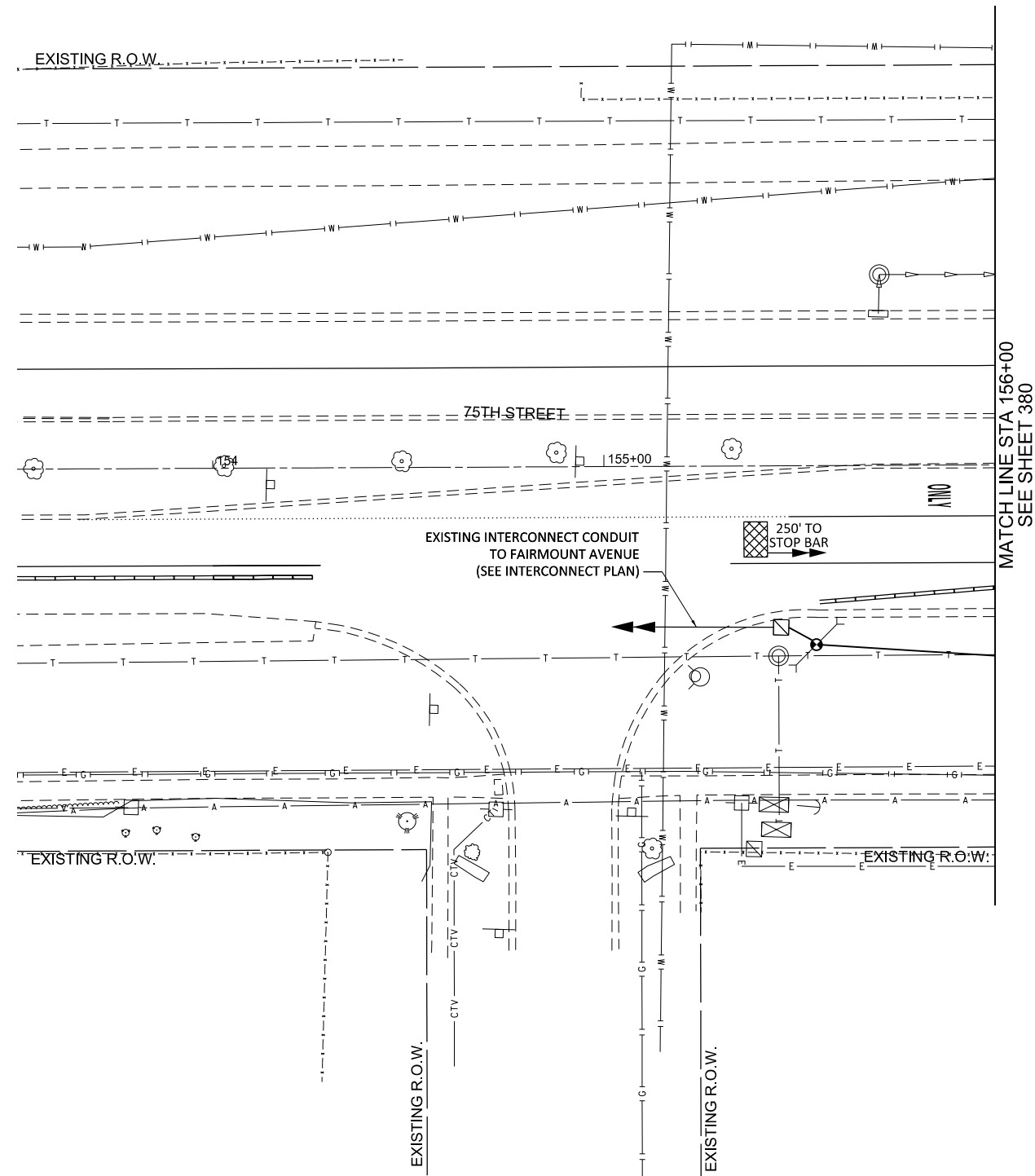
SCALE: 1"=20' SHEET 62 OF 90 SHEETS STA. 156+00 TO STA. 161+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	380
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-62

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: G:\Projects\75th and Exner Stage 1.dwg
 FILE NAME: K:\Projects\75th and Exner Stage 1.dwg
 DATE: 1/9/2020



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISIONS -	
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

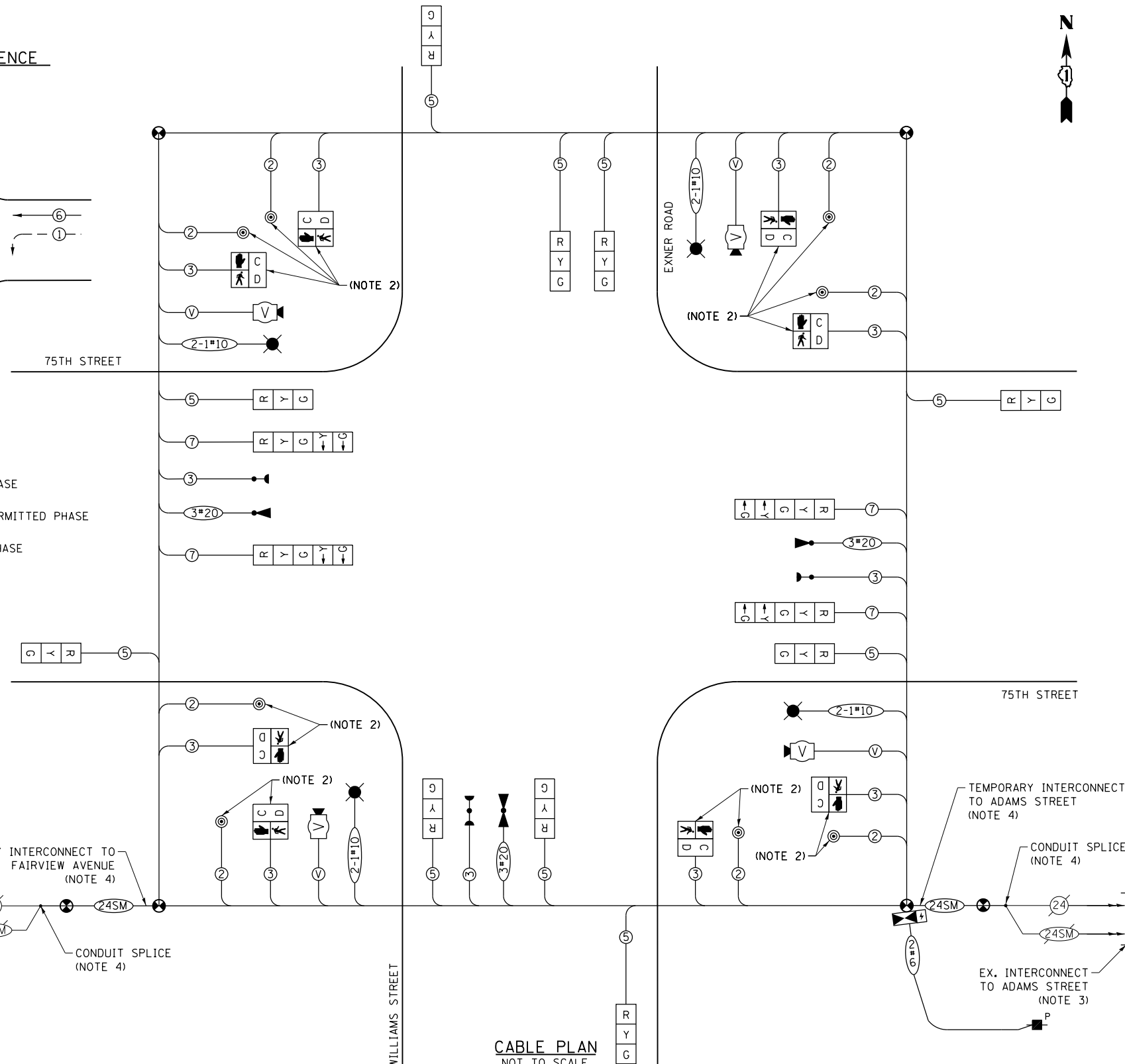
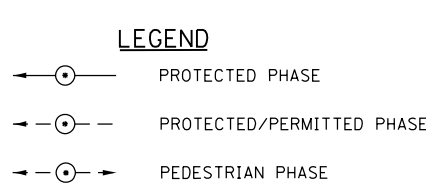
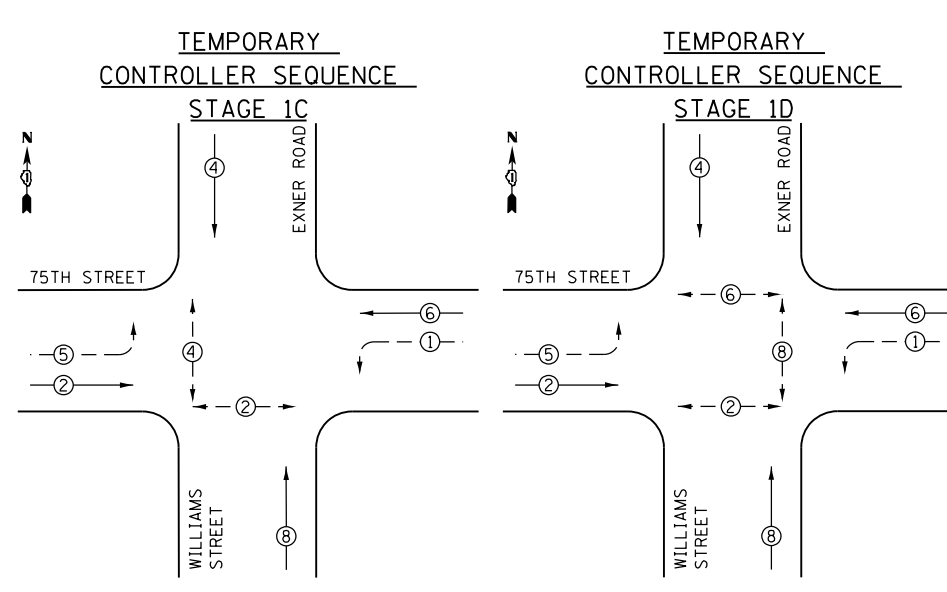
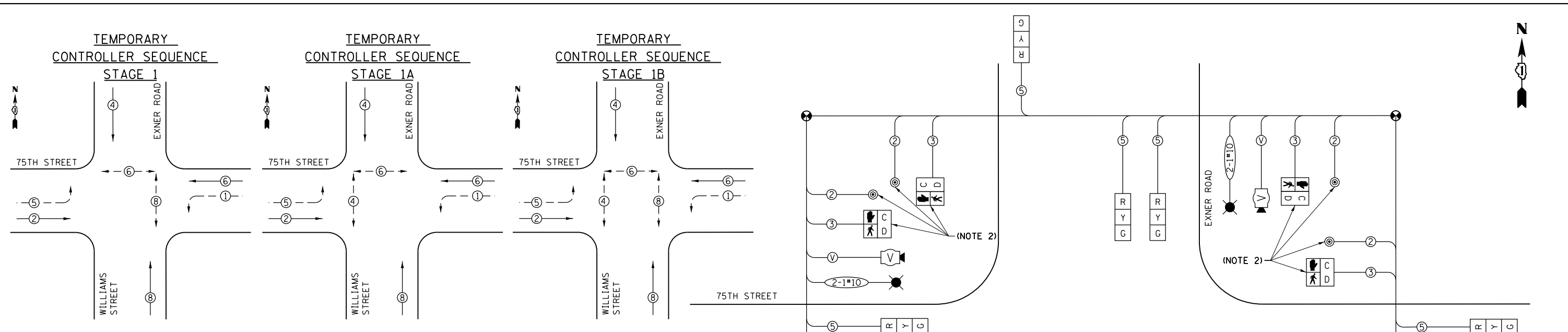
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 1D (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 63 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	381
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-63

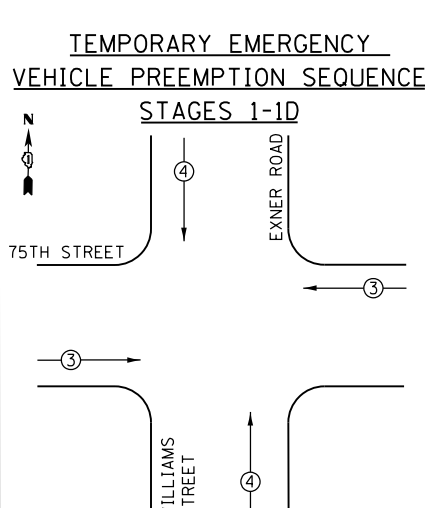


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
ARROW	8	10	10	8.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	-	75	100	-
TOTAL =				939.6

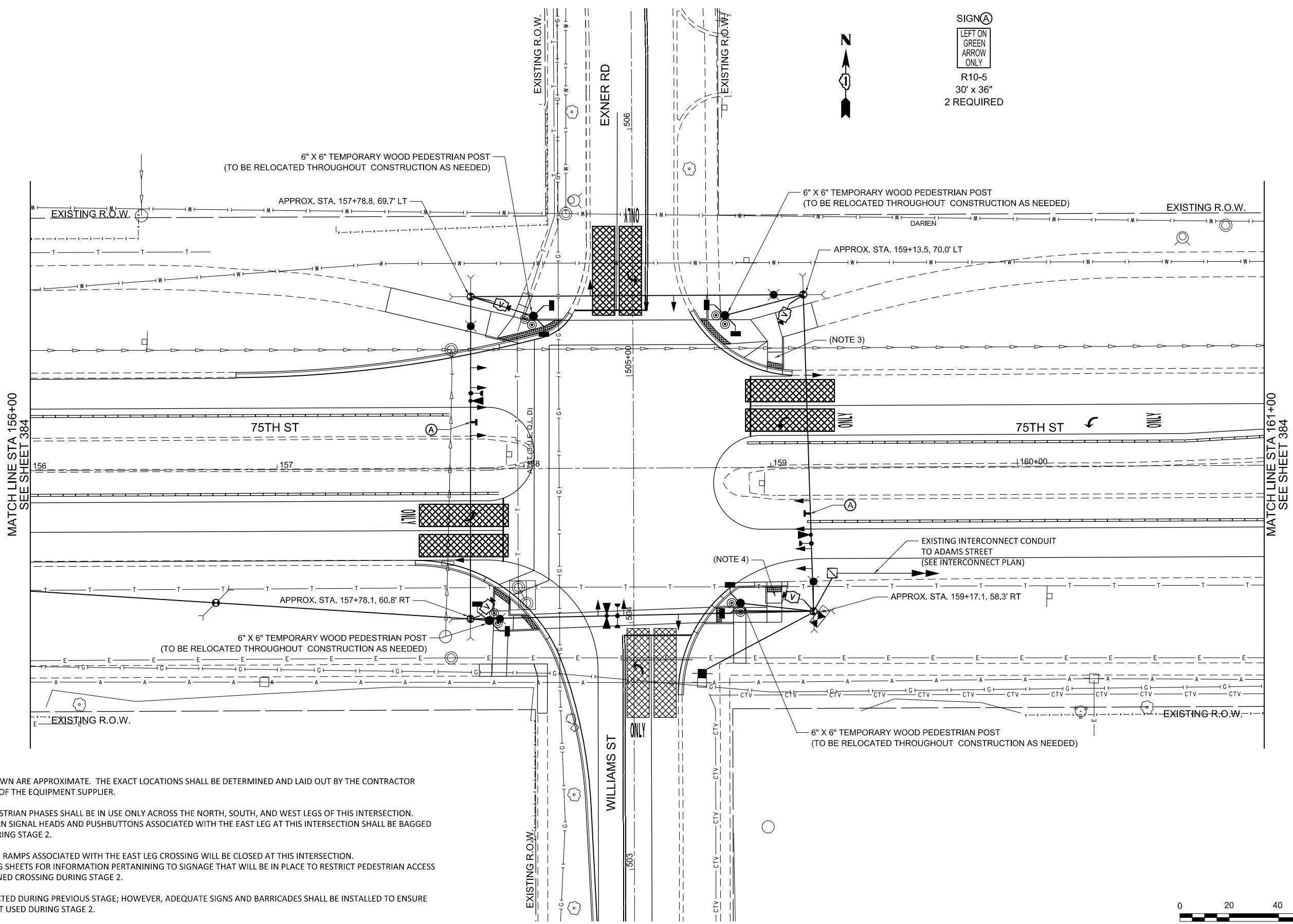
ENERGY COSTS TO: DUPAGE COUNTY D.O.T.
421 N. COUNTY FARM RD.
WHEATON, IL 60187

ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON
PHONE: (630) 985-4074
COMPANY: COMED LOMBARD ACCOUNT NUMBER: -----



- NOTES**
- INFORMATION PROVIDED ON THIS SHEET PERTAINS TO STAGES 1, 1A, 1B, 1C, AND 1D ONLY. REFER TO THE RESPECTIVE CABLE DIAGRAMS FOR PRE-STAGE; STAGES 2/2A; OR PERMANENT EQUIPMENT INSTALLATIONS FOR DETAILED INFORMATION PERTAINING TO THOSE PERIODS OF CONSTRUCTION.
 - REFER TO TEMPORARY CONTROLLER SEQUENCE DIAGRAMS ON THIS SHEET FOR INFORMATION REGARDING WHICH PEDESTRIAN PHASES WILL BE OPERATIONAL DURING A SPECIFIC STAGE. PEDESTRIAN HEADS AND PUSHBUTTONS NOT BEING USED DURING A SPECIFIC STAGE SHALL BE BAGGED AND DISCONNECTED.
 - DENOTED CABLES SHALL BE TEMPORARILY REMOVED FROM THE EXISTING CONDUIT SYSTEM ALONG 75TH STREET AND STORED AS DETAILED IN THE TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC.
 - REFER TO TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC DIAGRAM FOR DETAILED INFORMATION PERTAINING TO INSTALLATION AND SPLICING OF TEMPORARY AERIAL FIBER CABLE.

SIGN A
 LEFT ON GREEN
 ARROW ONLY
 R10-5
 30' x 36"
 2 REQUIRED



NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.
2. DURING STAGE 2, PEDESTRIAN PHASES SHALL BE IN USE ONLY ACROSS THE NORTH, SOUTH, AND WEST LEGS OF THIS INTERSECTION. THEREFORE, PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS ASSOCIATED WITH THE EAST LEG AT THIS INTERSECTION SHALL BE BAGGED AND DEACTIVATED DURING STAGE 2.
3. DURING STAGE 2, CURB RAMP ASSOCIATED WITH THE EAST LEG CROSSING WILL BE CLOSED AT THIS INTERSECTION. SEE ROADWAY STAGING SHEETS FOR INFORMATION PERTAINING TO SIGNAGE THAT WILL BE IN PLACE TO RESTRICT PEDESTRIAN ACCESS AT THE AFOREMENTIONED CROSSING DURING STAGE 2.
4. CURB RAMP CONSTRUCTED DURING PREVIOUS STAGE; HOWEVER, ADEQUATE SIGNS AND BARRICADES SHALL BE INSTALLED TO ENSURE THIS CURB RAMP IS NOT USED DURING STAGE 2.



MODEL: 06 Williams and Exner Stage 2 Plan
 FILE NAME: K:\Projects\17-2004-1-01E-75th Street Traffic Signals\Design\Sheet Files\08 D:\DTP\161718-ahh-Stage 2.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
 75TH STREET AND EXNER ROAD
 STAGE 2 (SHEET 1 OF 2)**

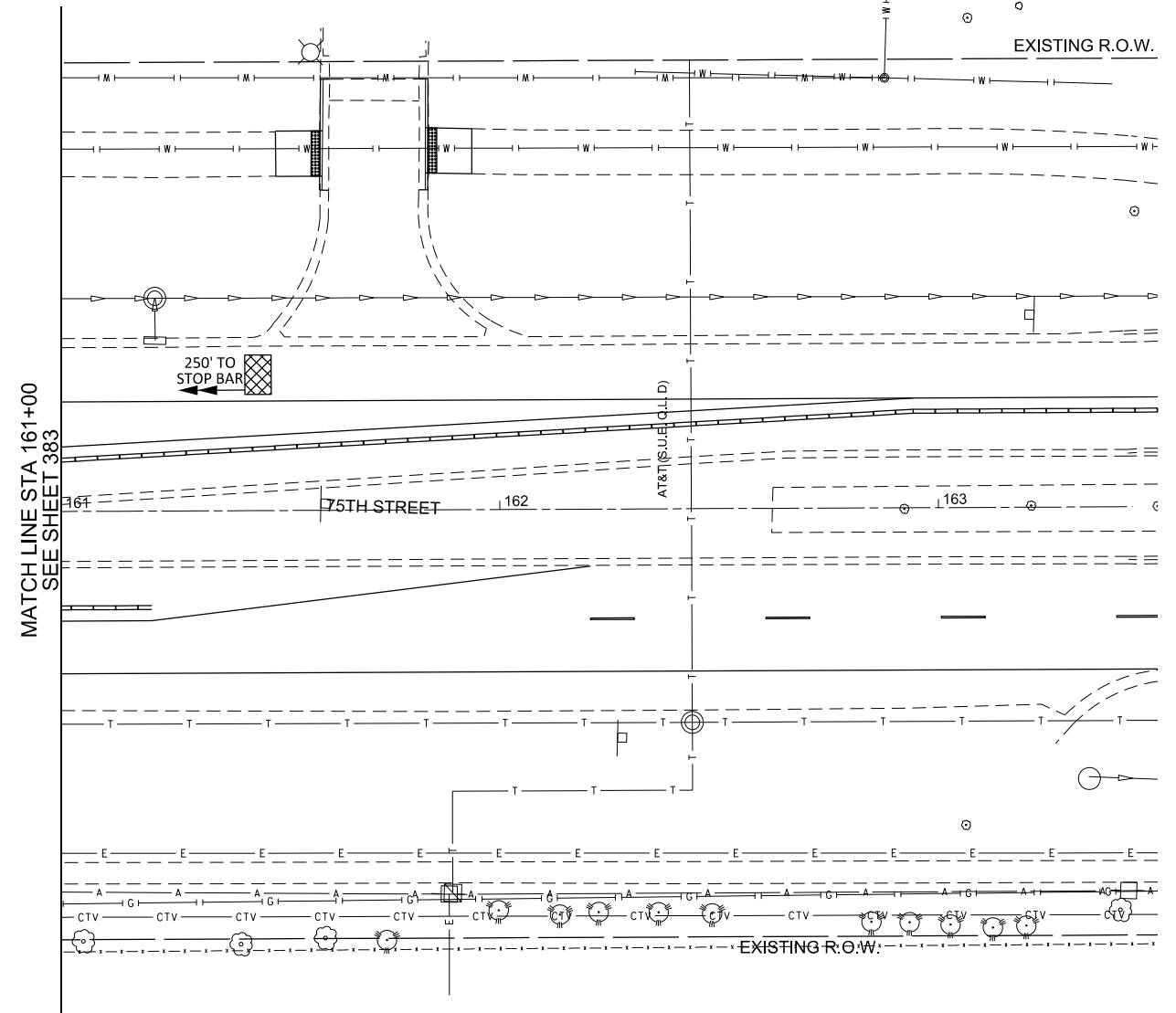
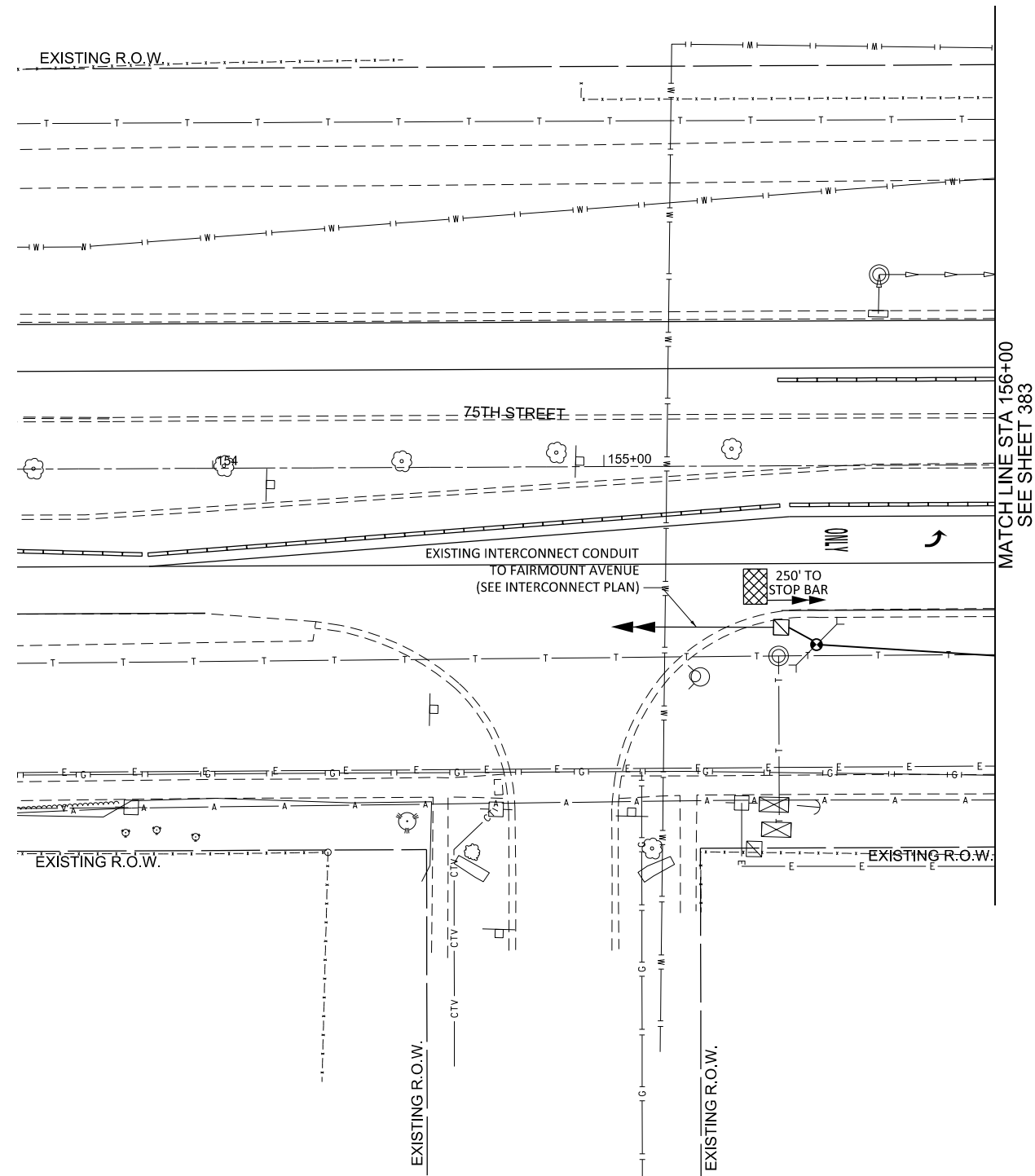
SCALE: 1"=20' SHEET 65 OF 90 SHEETS STA. 156+00 TO STA. 161+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	383
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-65

NOTES:

- DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: 66 W. Exner and 75th Street Stage 2 Plan
 FILE NAME: K:\313233\17-004-1-01E-75th Street Traffic Signal Design\Sheet Files\08 D:\TPO\16718-Sub-Stage 2.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 2 (SHEET 2 OF 2)**

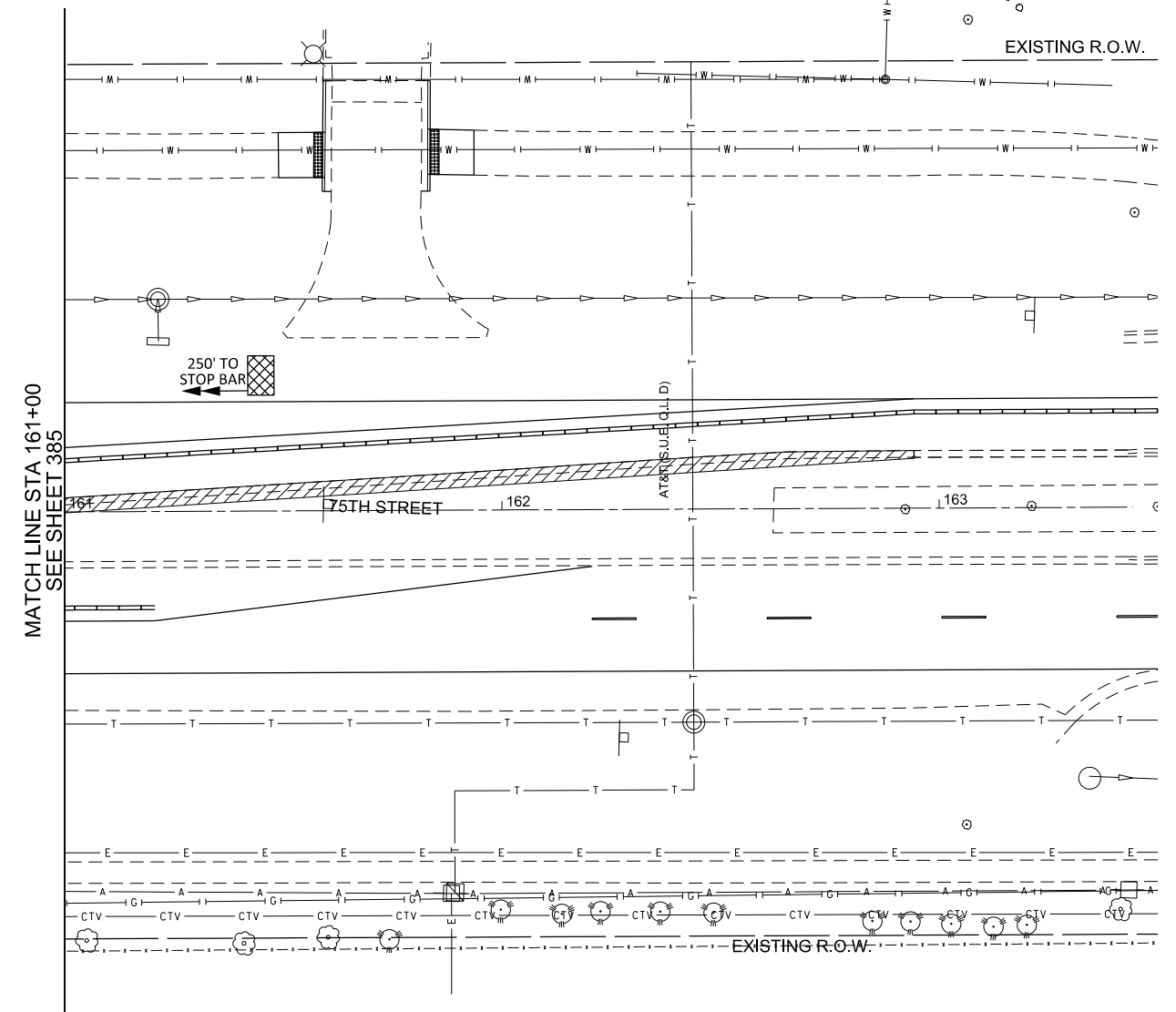
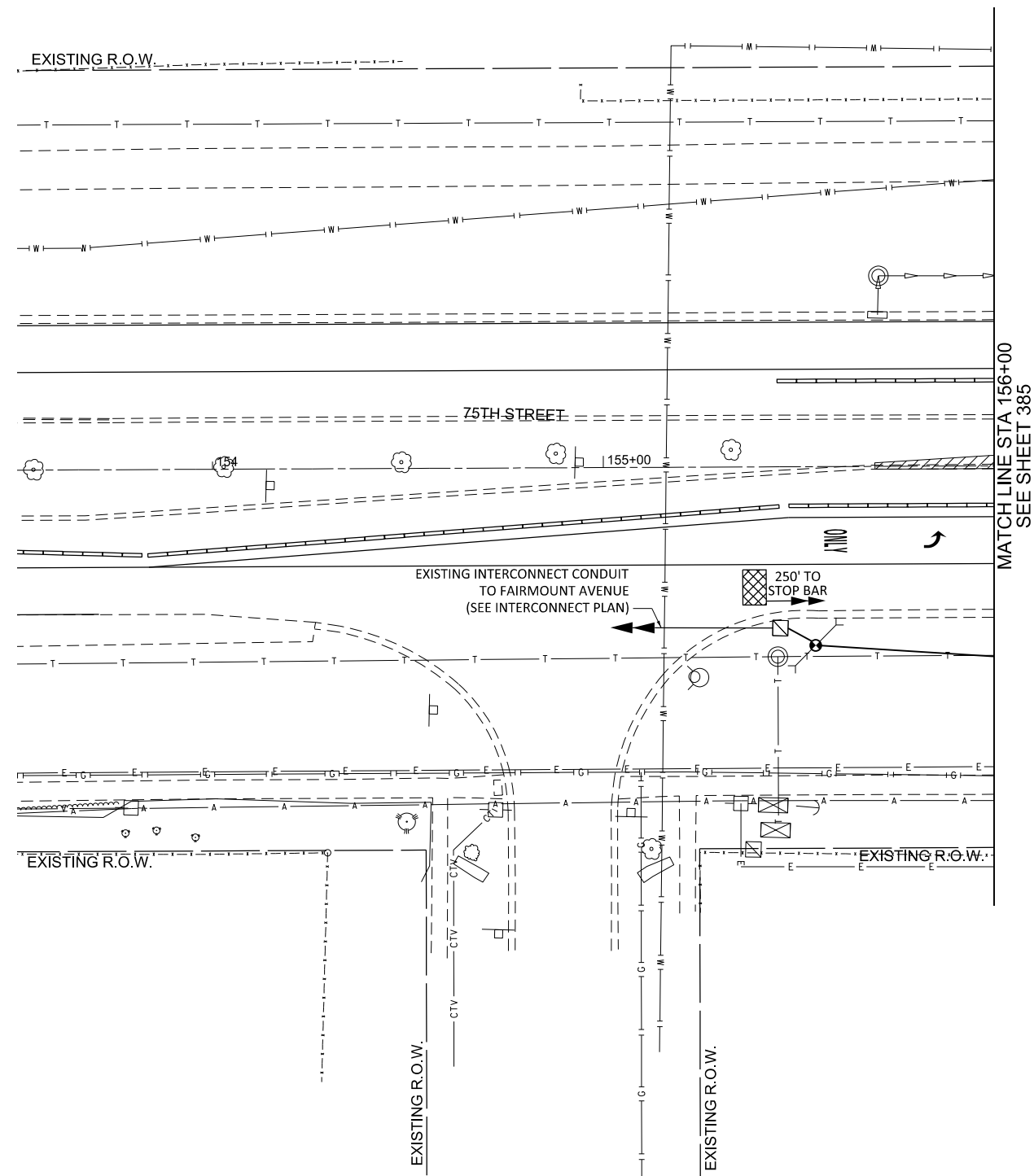
SCALE: 1"=20' SHEET 66 OF 90 SHEETS STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	384
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-66

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MODEL: 66 W:\Projects and Error Check\Stage 2a\Plan FILE NAME: K:\303233\17-204-1-01E 75th Street Traffic Signal Design\Sheet Files\00 D:\TPO\16178-2a-ht-Stage 2a.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

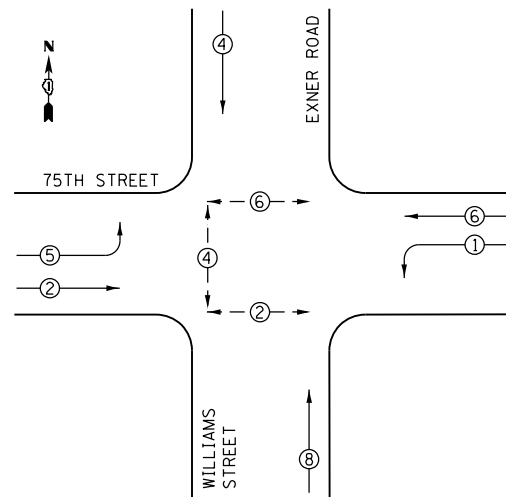
**TEMPORARY TRAFFIC SIGNAL PLAN
75TH STREET AND EXNER ROAD
STAGE 2A (SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 68 OF 90 SHEETS STA. NA TO STA. NA

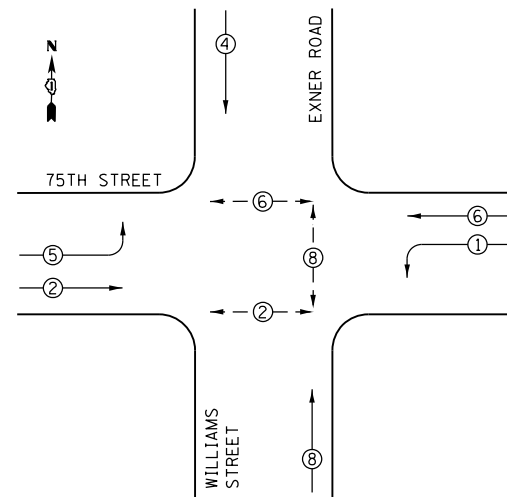
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	386
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-68

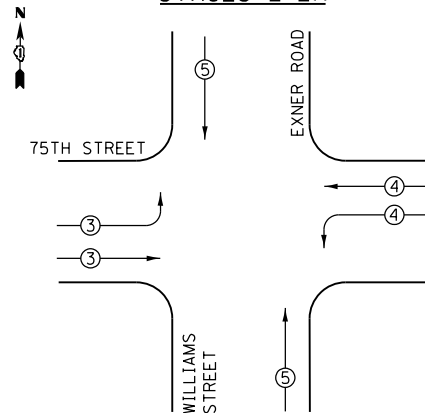
TEMPORARY CONTROLLER SEQUENCE STAGE 2



TEMPORARY CONTROLLER SEQUENCE STAGE 2A



TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE STAGES 2-2A



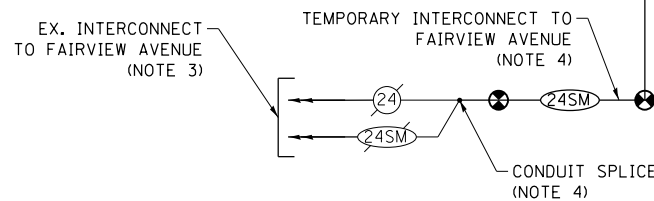
LEGEND

- ⊙ → PROTECTED PHASE
- ⊙ → PROTECTED/PERMITTED PHASE
- ⊙ → PEDESTRIAN PHASE

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
ARROW	-	10	10	-
PED. SIGNAL	8	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	-	75	100	-
TOTAL =				955.4

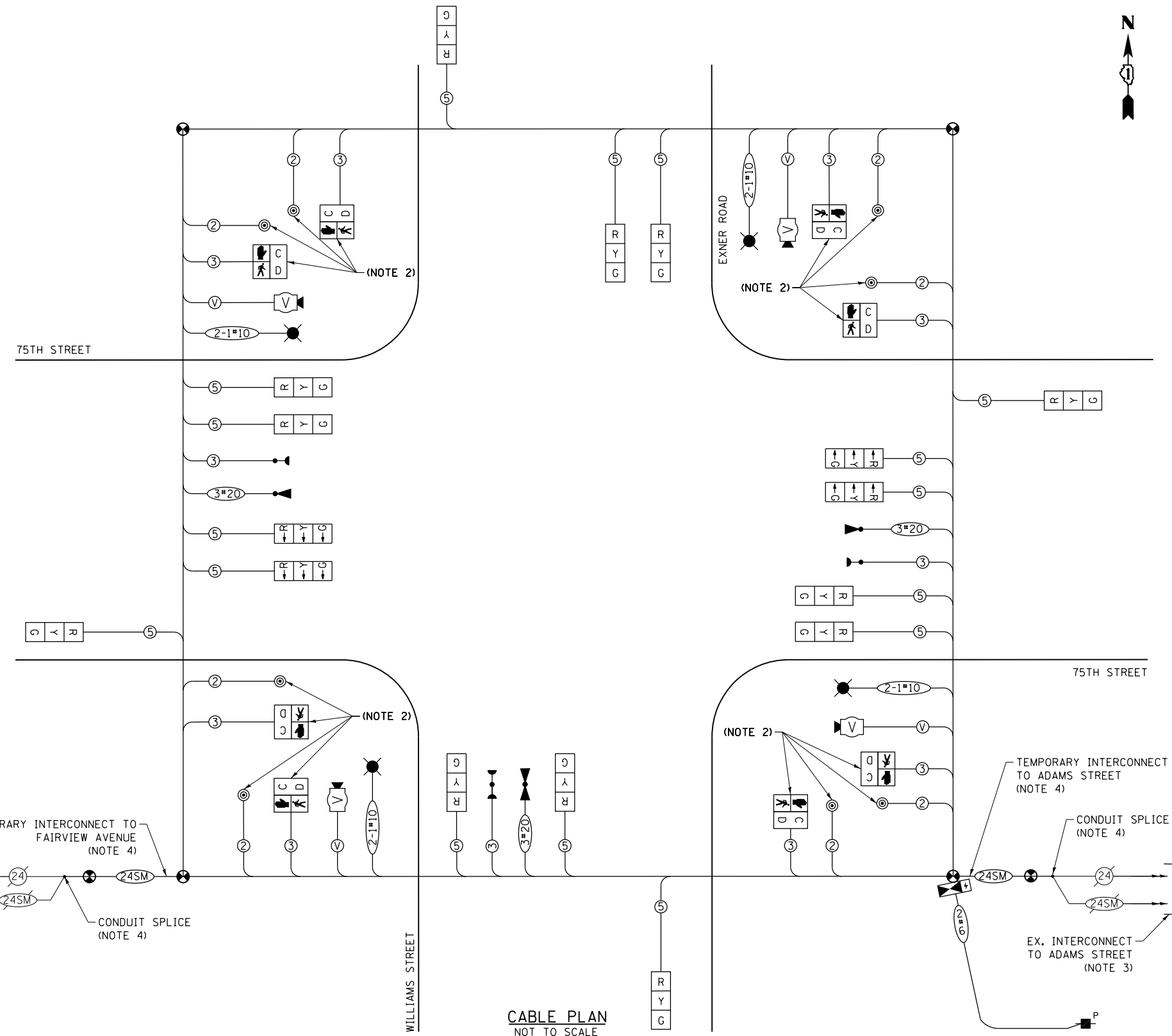
ENERGY COSTS TO: DUPAGE COUNTY D.O.T.
421 N. COUNTY FARM RD.
WHEATON, IL 60187

ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON
PHONE: (630) 985-4074
COMPANY: COMED LOMBARD ACCOUNT NUMBER: -----



NOTES

1. INFORMATION PROVIDED ON THIS SHEET PERTAINS TO STAGES 2 AND 2A ONLY. REFER TO THE RESPECTIVE CABLE DIAGRAMS FOR PRE-STAGE; STAGES 1/1A/1B/1C/1D; OR PERMANENT EQUIPMENT INSTALLATIONS FOR DETAILED INFORMATION PERTAINING TO THOSE PERIODS OF CONSTRUCTION.
2. REFER TO TEMPORARY CONTROLLER SEQUENCE DIAGRAMS ON THIS SHEET FOR INFORMATION REGARDING WHICH PEDESTRIAN PHASES WILL BE OPERATIONAL DURING A SPECIFIC STAGE. PEDESTRIAN HEADS AND PUSHBUTTONS NOT BEING USED DURING A SPECIFIC STAGE SHALL BE BAGGED AND DISCONNECTED.
3. DENOTED CABLES SHALL BE TEMPORARILY REMOVED FROM THE EXISTING CONDUIT SYSTEM ALONG 75TH STREET AND STORED AS DETAILED IN THE TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC.
4. REFER TO TEMPORARY INTERCONNECT PLAN SHEETS AND SCHEMATIC DIAGRAM FOR DETAILED INFORMATION PERTAINING TO INSTALLATION AND SPLICING OF TEMPORARY AERIAL FIBER CABLE.



CABLE PLAN
NOT TO SCALE

MODEL: 60 W/11m and Exner Stage 2-2a Cable Diagram
FILE NAME: K:\30303030\17-004-1-01E-75th Street Traffic Signal Design\Sheet Files\00 D:\DTPR\16718-Exner Stage 2a.dgn



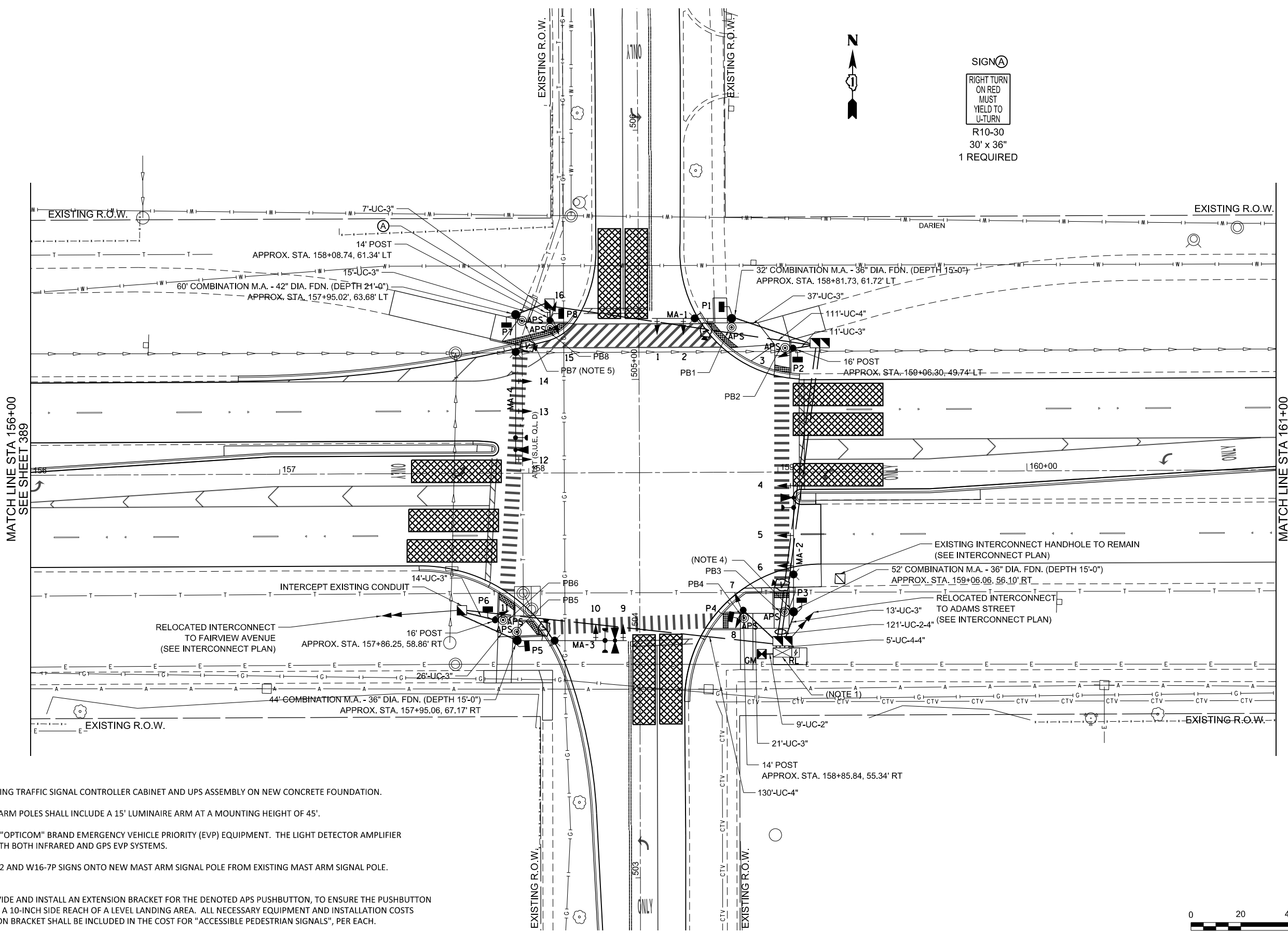
USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1in.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

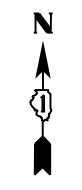
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND EXNER ROAD; STAGE 2-2A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	387
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-69



SIGN (A)
 RIGHT TURN ON RED MUST YIELD TO U-TURN
 R10-30
 30' x 36"
 1 REQUIRED

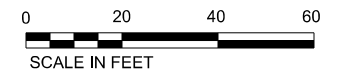


MATCH LINE STA 156+00
SEE SHEET 389

MATCH LINE STA 161+00
SEE SHEET 389

NOTES:

- INSTALL RELOCATED EXISTING TRAFFIC SIGNAL CONTROLLER CABINET AND UPS ASSEMBLY ON NEW CONCRETE FOUNDATION.
- ALL COMBINATION MAST ARM POLES SHALL INCLUDE A 15' LUMINAIRE ARM AT A MOUNTING HEIGHT OF 45'.
- THE CITY OF DARIEN USES "OPTICOM" BRAND EMERGENCY VEHICLE PRIORITY (EVP) EQUIPMENT. THE LIGHT DETECTOR AMPLIFIER SHALL BE COMPATIBLE WITH BOTH INFRARED AND GPS EVP SYSTEMS.
- INSTALL RELOCATED W11-2 AND W16-7P SIGNS ONTO NEW MAST ARM SIGNAL POLE FROM EXISTING MAST ARM SIGNAL POLE. SIGNS SHALL FACE WEST.
- CONTRACTOR SHALL PROVIDE AND INSTALL AN EXTENSION BRACKET FOR THE DENOTED APS PUSHBUTTON, TO ENSURE THE PUSHBUTTON CAN BE ACCESSED WITHIN A 10-INCH SIDE REACH OF A LEVEL LANDING AREA. ALL NECESSARY EQUIPMENT AND INSTALLATION COSTS RELATED TO THE EXTENSION BRACKET SHALL BE INCLUDED IN THE COST FOR "ACCESSIBLE PEDESTRIAN SIGNALS", PER EACH.



MODEL: T010; Title: Traffic Signal Modernization; Plan: 75th Street Traffic Signal; Date: 1/9/2020; File Name: K:\Projects\17-204-14-1E 75th Street Traffic Signal\Design\Sheet Files\10 D:\DTP\105718-eh-transportation.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 40.00' / 1" =	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
 75TH STREET AND EXNER ROAD
 (SHEET 1 OF 2)**

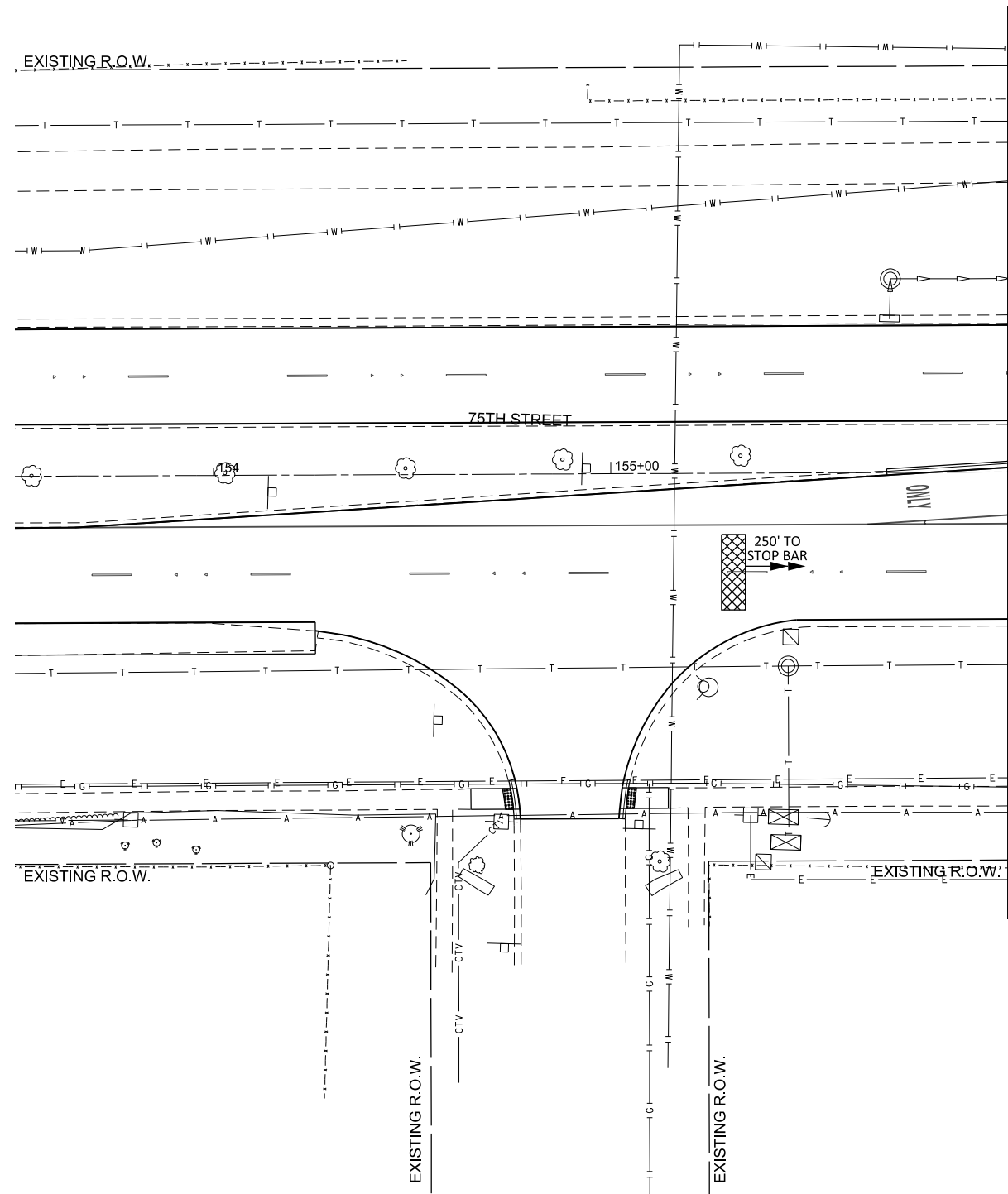
SCALE: 1"=20' SHEET 70 OF 90 SHEETS STA. 156+00 TO STA. 161+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	388
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

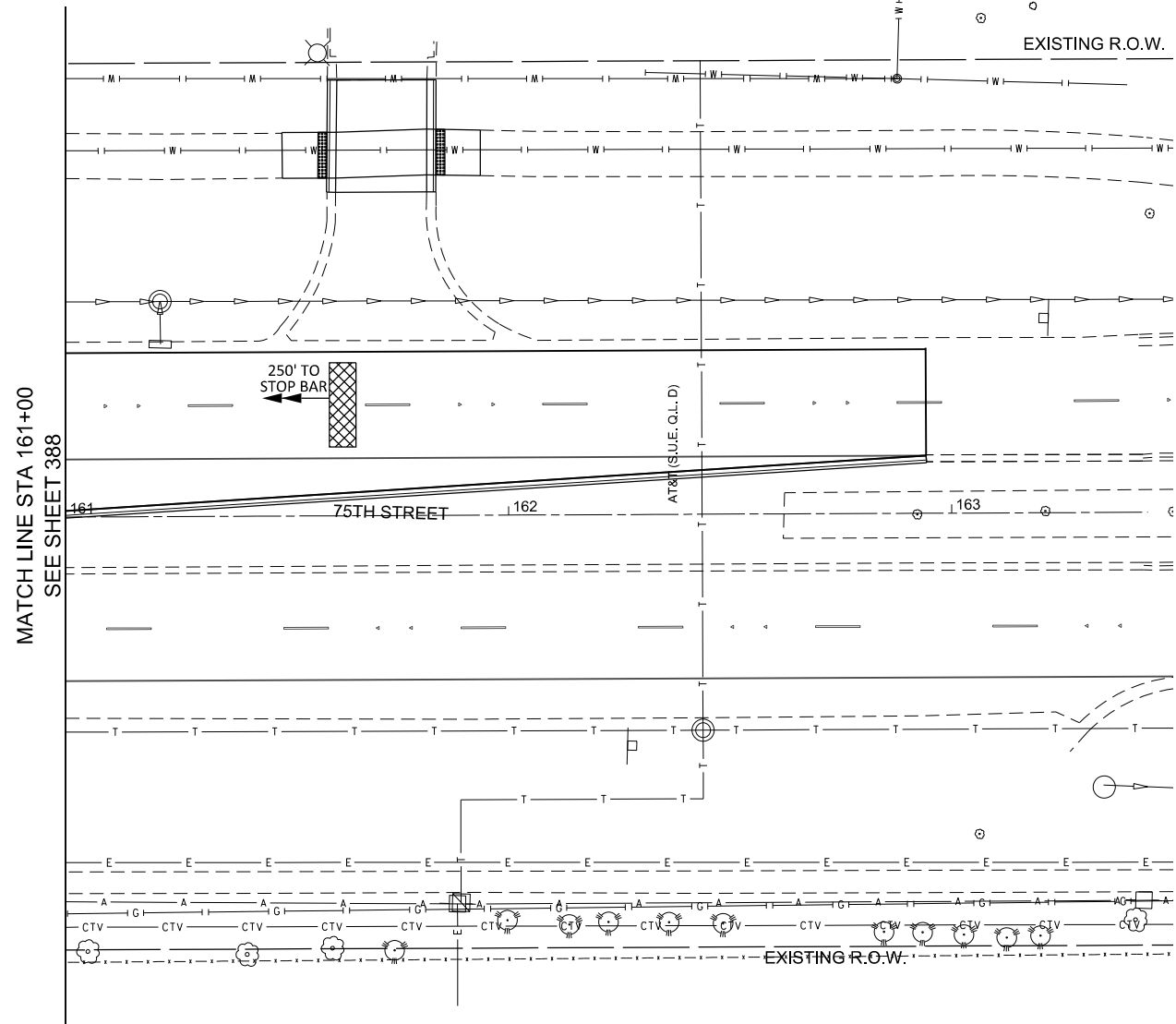
TS-70

NOTES:

1. DETECTION ZONES SHOWN ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT BY THE CONTRACTOR WITH THE ASSISTANCE OF THE EQUIPMENT SUPPLIER.



MATCH LINE STA 156+00
SEE SHEET 388



MATCH LINE STA 161+00
SEE SHEET 388



MODEL: 71:WV:1111 and Exner Modernization Plan
 FILE NAME: K:\312323\17-204-14-01E 75th Street Traffic Signal Design\Sheet Files\10 D:\DTP\005718-eh-transportation.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
DRAWN - JRB	REVISED -	
PLOT SCALE = 40.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

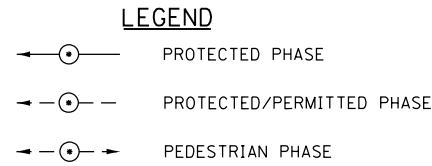
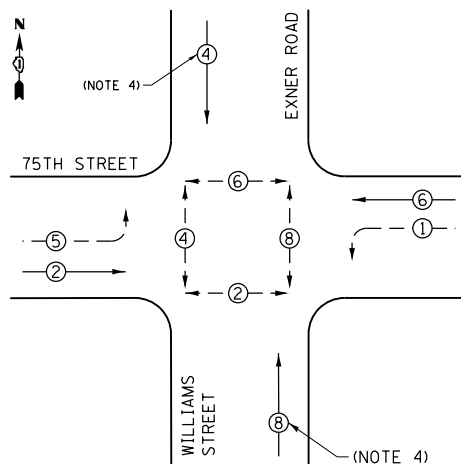
**TRAFFIC SIGNAL MODERNIZATION PLAN
75TH STREET AND EXNER ROAD
(SHEET 2 OF 2)**

SCALE: 1"=20' SHEET 71 OF 90 SHEETS STA. NA TO STA. NA

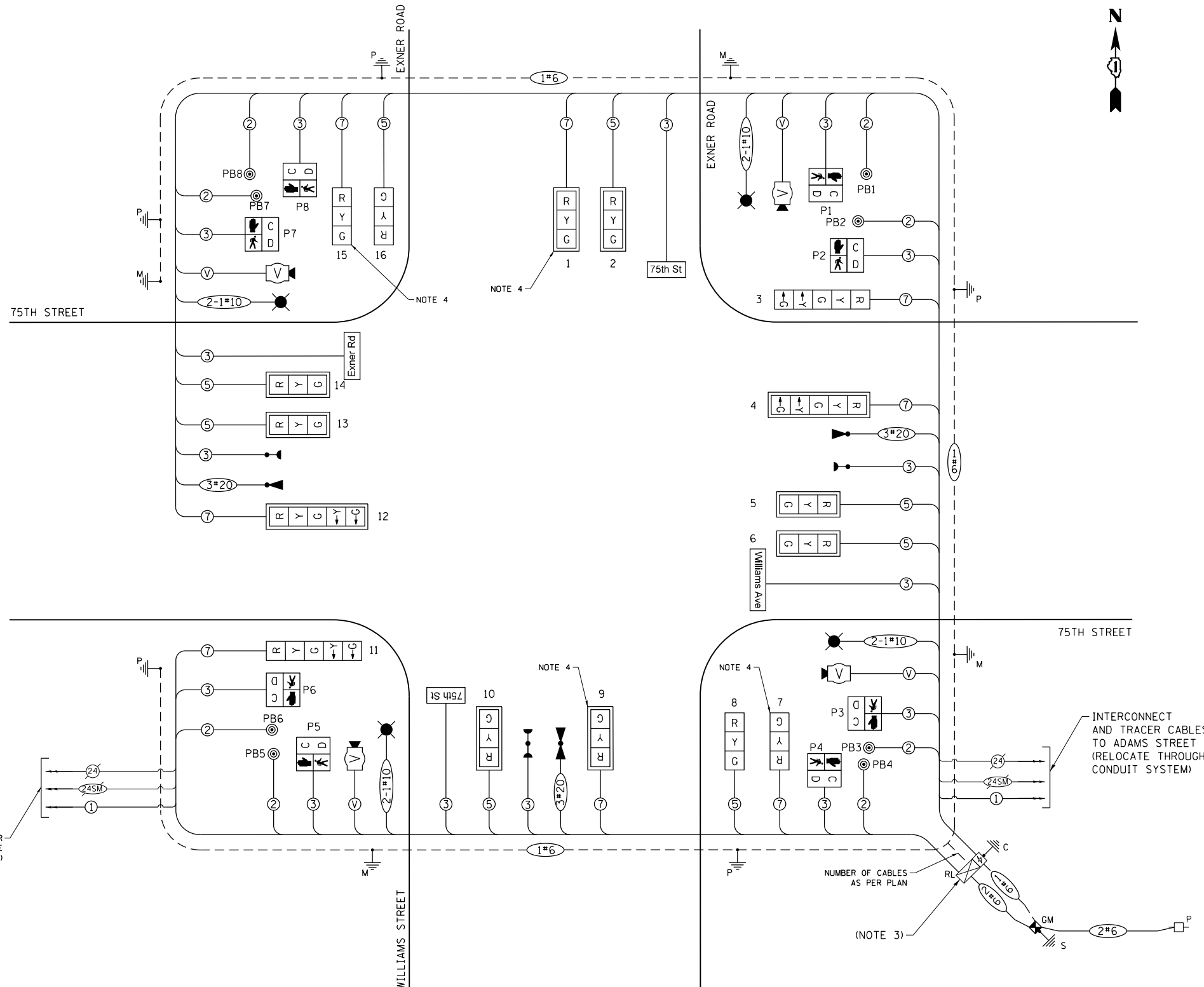
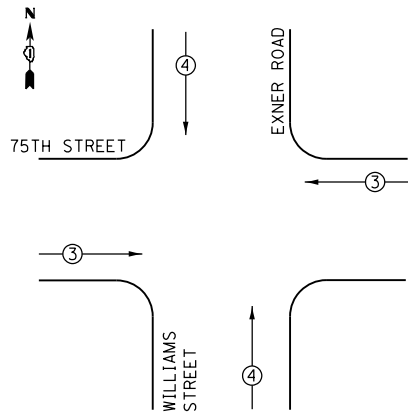
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	389
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-71

PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
NOT TO SCALE

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	LED WATTAGE	X% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
ARROW	8	10	10	8.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	4	165	50	330.0
PTZ CAMERA	-	75	100	-
TOTAL =				1,203.4

ENERGY COSTS TO: DUPAGE COUNTY D.O.T.
421 N. COUNTY FARM RD.
WHEATON, IL 60187

ENERGY SUPPLY: CONTACT: MR. KENNETH BEATON
PHONE: (630) 985-4074
COMPANY: COMED LOMBARD ACCOUNT NUMBER: -----

- NOTES**
- THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.
 - LED INTERNALLY ILLUMINATED STREET NAME SIGNS AND LUMINAIRES SHALL NOT BE CONNECTED TO THE UNINTERRUPTABLE POWER SUPPLY.
 - EXISTING CONTROLLER CABINET AND UPS SHALL BE RELOCATED TO NEW CONCRETE FOUNDATION.
 - 7C CABLE SHALL BE INSTALLED FOR DENOTED SIGNAL HEADS TO ALLOW FOR FUTURE LEFT-TURN PHASES. FUTURE NB LEFT-TURN PHASE SHALL BE PHASE 3, AND FUTURE SB LEFT-TURN PHASE SHALL BE PHASE 7.

MODEL: 75th and Exner Intersections; Cable Diagram
FILE NAME: K:\Projects\17-004-14-175th Street, Turn E, Signal (C:\Program Design\Sheet Files\10 D\175th Street, Turn E, Signal.dwg)



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 40.00' / 1 in.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
75TH STREET AND EXNER ROAD

SCALE: NTS SHEET 72 OF 90 SHEETS STA. NA TO STA. NA

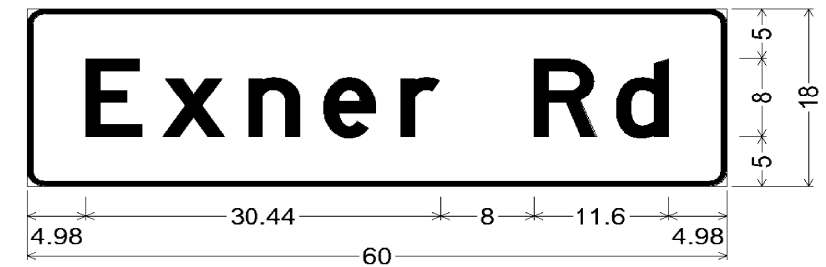
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	390
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-72

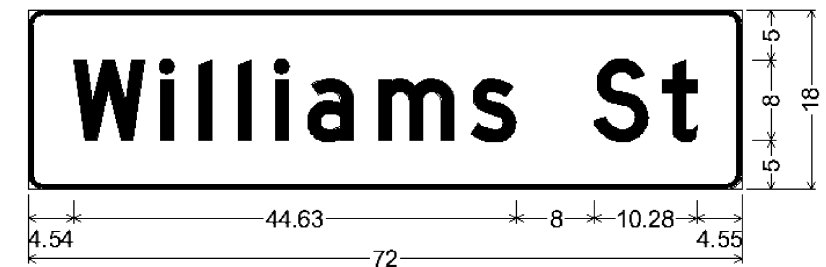
SCHEDULE OF QUANTITIES

ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
72000100	SIGN PANEL - TYPE 1	SQ FT	7.5
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	11
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	60
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	170
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	520
81400100	HANDHOLE	EACH	2
81400300	DOUBLE HANDHOLE	EACH	2
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,930
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,520
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,300
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1,720
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,470
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	60
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	580
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	1
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
87703030	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	45
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
87900200	DRILL EXISTING HANDHOLE	EACH	2
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
88700200	LIGHT DETECTOR	EACH	3
88700300	LIGHT DETECTOR AMPLIFIER	EACH	1
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

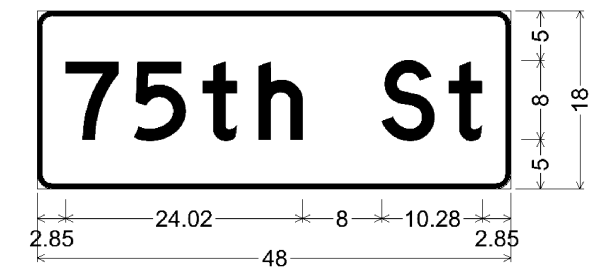
ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
XX009046	VEHICLE DETECTION SYSTEM, SPECIAL	EACH	1
X0326656	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET, COMPLETE	EACH	1
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	760
X0327211	RELOCATE SWITCH	EACH	2
X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
X1400238	LUMINAIRE, LED, SPECIAL	EACH	4
X8100863	INTERCEPT EXISTING CONDUIT	EACH	1
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
	CABLE, SPECIAL	FOOT	900



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	7.50	LED SNS	ZZ	2 (TWO-SIDED)



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	9.00	LED SNS	ZZ	2 (TWO-SIDED)



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	6.00	LED SNS	ZZ	2 (TWO-SIDED)

MODEL: 75 Williams and Exner Quantities and Signs
FILE NAME: K:\03030417-004-1-01E 75th Street Traffic Signal (D:\p\p\p\Design\Sheet files\10 D\17P106718-ht-mendocantalks.dgn



USER NAME = L.Jackson	DESIGNED -	REVISED -
PLOT SCALE = 40.00' / In.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

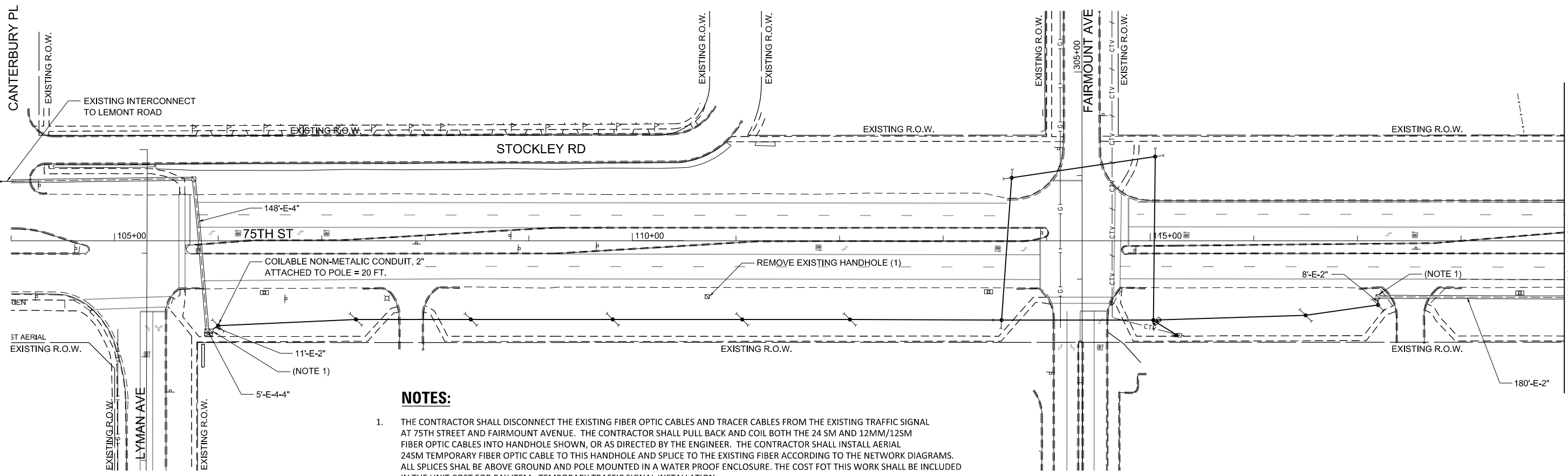
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
75TH STREET AND EXNER ROAD**

SCALE: NTS SHEET 73 OF 90 SHEETS STA. NA TO STA. NA

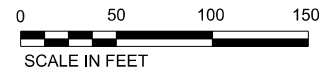
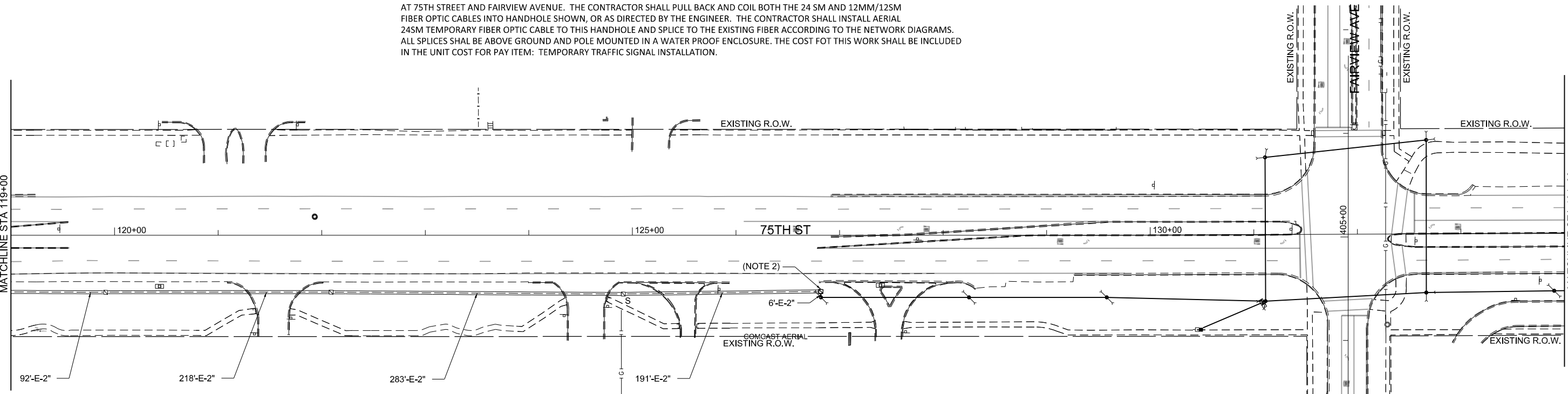
F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 391
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-73



NOTES:

1. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC CABLES AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL AT 75TH STREET AND FAIRMOUNT AVENUE. THE CONTRACTOR SHALL PULL BACK AND COIL BOTH THE 24 SM AND 12MM/12SM FIBER OPTIC CABLES INTO HANDHOLE SHOWN, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL AERIAL 24SM TEMPORARY FIBER OPTIC CABLE TO THIS HANDHOLE AND SPLICE TO THE EXISTING FIBER ACCORDING TO THE NETWORK DIAGRAMS. ALL SPLICES SHALL BE ABOVE GROUND AND POLE MOUNTED IN A WATER PROOF ENCLOSURE. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.
2. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC CABLES AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL AT 75TH STREET AND FAIRVIEW AVENUE. THE CONTRACTOR SHALL PULL BACK AND COIL BOTH THE 24 SM AND 12MM/12SM FIBER OPTIC CABLES INTO HANDHOLE SHOWN, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL AERIAL 24SM TEMPORARY FIBER OPTIC CABLE TO THIS HANDHOLE AND SPLICE TO THE EXISTING FIBER ACCORDING TO THE NETWORK DIAGRAMS. ALL SPLICES SHALL BE ABOVE GROUND AND POLE MOUNTED IN A WATER PROOF ENCLOSURE. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.



MODEL: 74 Temporary Interconnect Sheet 1
 FILE NAME: K:\projects\17504\17504-141E-730_Street_Traffic_Signals\Drawings\Sheet\11-D11P1916716-temporary-interconnect-sheet1.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 100.00' / in.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

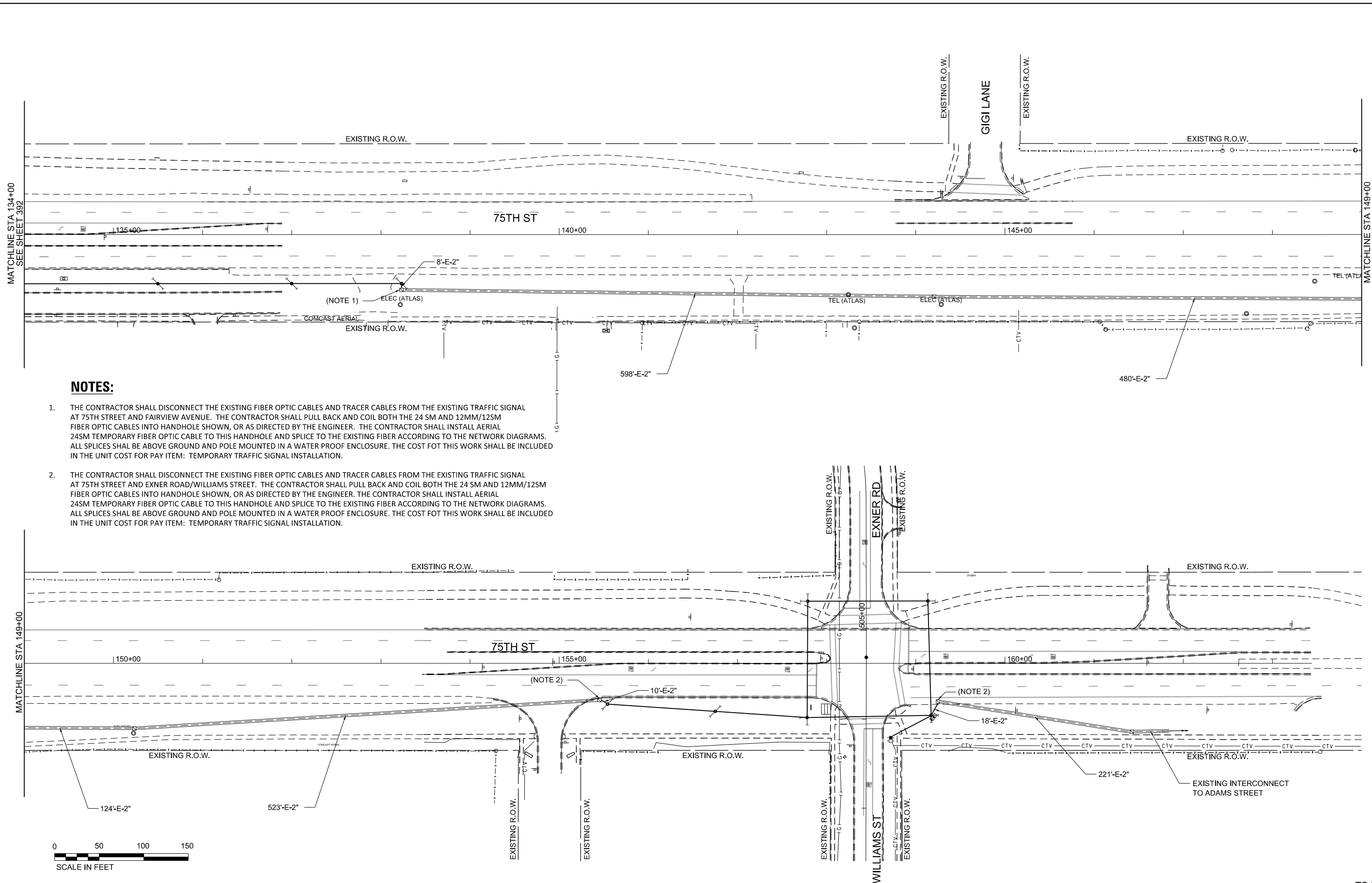
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN
FOR 75TH STREET (SHEET 1 OF 2)**

SCALE: 1"=50' SHEET 74 OF 90 SHEETS STA. 104+00 TO STA. 134+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	392
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-74



NOTES:

1. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC CABLES AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL AT 75TH STREET AND FAIRVIEW AVENUE. THE CONTRACTOR SHALL PULL BACK AND COIL BOTH THE 24 SM AND 12MM/12SM FIBER OPTIC CABLES INTO HANDHOLE SHOWN, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL AERIAL 24SM TEMPORARY FIBER OPTIC CABLE TO THIS HANDHOLE AND SPLICE TO THE EXISTING FIBER ACCORDING TO THE NETWORK DIAGRAMS. ALL SPLICES SHALL BE ABOVE GROUND AND POLE MOUNTED IN A WATER PROOF ENCLOSURE. THE COST FOT THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.
2. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC CABLES AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL AT 75TH STREET AND EXNER ROAD/WILLIAMS STREET. THE CONTRACTOR SHALL PULL BACK AND COIL BOTH THE 24 SM AND 12MM/12SM FIBER OPTIC CABLES INTO HANDHOLE SHOWN, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL AERIAL 24SM TEMPORARY FIBER OPTIC CABLE TO THIS HANDHOLE AND SPLICE TO THE EXISTING FIBER ACCORDING TO THE NETWORK DIAGRAMS. ALL SPLICES SHALL BE ABOVE GROUND AND POLE MOUNTED IN A WATER PROOF ENCLOSURE. THE COST FOT THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.

MODEL: 75 Temporary Interconnect Sheet 2
 FILE NAME: C:\projects\7504\7504-141E-750-Street_Traffic_Signals\Drawings\Sheet\Sheet11.DWG
 User: LJackson
 Date: 1/9/2020
 Scale: 1"=50'
 Plot Date: 1/9/2020



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 100.00' / 1 in.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN
 FOR 75TH STREET (SHEET 2 OF 2)**
 SCALE: 1"=50' SHEET 75 OF 90 SHEETS STA. 134+00 TO STA. 163+44.30

F.A.P. RTE. 0369	SECTION 16-00233-00-CH	COUNTY DUPAGE	TOTAL SHEETS 477	SHEET NO. 393
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

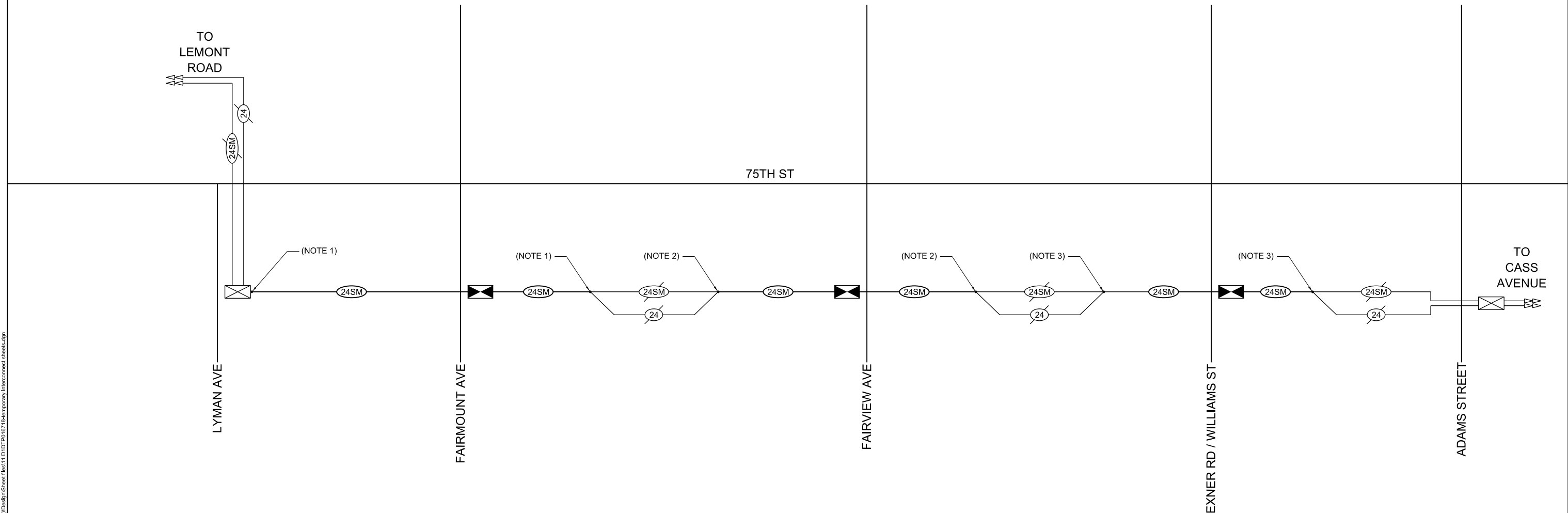
TS-75

NOTES:

1. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC CABLES AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL AT 75TH STREET AND FAIRMOUNT AVENUE. THE CONTRACTOR SHALL PULL BACK AND COIL BOTH THE 24 SM AND 12MM/12SM FIBER OPTIC CABLES INTO HANDHOLE SHOWN, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL AERIAL 24SM TEMPORARY FIBER OPTIC CABLE TO THIS HANDHOLE AND SPLICE TO THE EXISTING FIBER ACCORDING TO THE NETWORK DIAGRAMS. ALL SPLICES SHALL BE ABOVE GROUND AND POLE MOUNTED IN A WATER PROOF ENCLOSURE. THE COST FOT THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.
2. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC CABLES AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL AT 75TH STREET AND FAIRVIEW AVENUE. THE CONTRACTOR SHALL PULL BACK AND COIL BOTH THE 24 SM AND 12MM/12SM FIBER OPTIC CABLES INTO HANDHOLE SHOWN, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL AERIAL 24SM TEMPORARY FIBER OPTIC CABLE TO THIS HANDHOLE AND SPLICE TO THE EXISTING FIBER ACCORDING TO THE NETWORK DIAGRAMS. ALL SPLICES SHALL BE ABOVE GROUND AND POLE MOUNTED IN A WATER PROOF ENCLOSURE. THE COST FOT THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.
3. THE CONTRACTOR SHALL DISCONNECT THE EXISTING FIBER OPTIC CABLES AND TRACER CABLES FROM THE EXISTING TRAFFIC SIGNAL AT 75TH STREET AND EXNER ROAD/WILLIAMS STREET. THE CONTRACTOR SHALL PULL BACK AND COIL BOTH THE 24 SM AND 12MM/12SM FIBER OPTIC CABLES INTO HANDHOLE SHOWN, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL INSTALL AERIAL 24SM TEMPORARY FIBER OPTIC CABLE TO THIS HANDHOLE AND SPLICE TO THE EXISTING FIBER ACCORDING TO THE NETWORK DIAGRAMS. ALL SPLICES SHALL BE ABOVE GROUND AND POLE MOUNTED IN A WATER PROOF ENCLOSURE. THE COST FOT THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR PAY ITEM: TEMPORARY TRAFFIC SIGNAL INSTALLATION.

LEGEND:

- PROPOSED CONDUIT SPLICE
- ☒ EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
- ☒ TEMPORARY TRAFFIC SIGNAL CONTROLLER CABINET
- ②4 EXISTING 12MM/12SM FIBER OPTIC CABLE
- ②4SM EXISTING 24SM FIBER OPTIC CABLE
- ②4SM PROPOSED TEMPORARY AERIAL 24SM FIBER OPTIC CABLE



MODEL: 76 Temporary Interconnect Schematic
 FILE NAME: C:\projects\17504\17504-141E-75th Street Traffic Signal\Drawings\Temporary Interconnect sheets.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
	DRAWN - JRB	REVISED -
PLOT SCALE = 100.00' / 1 in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

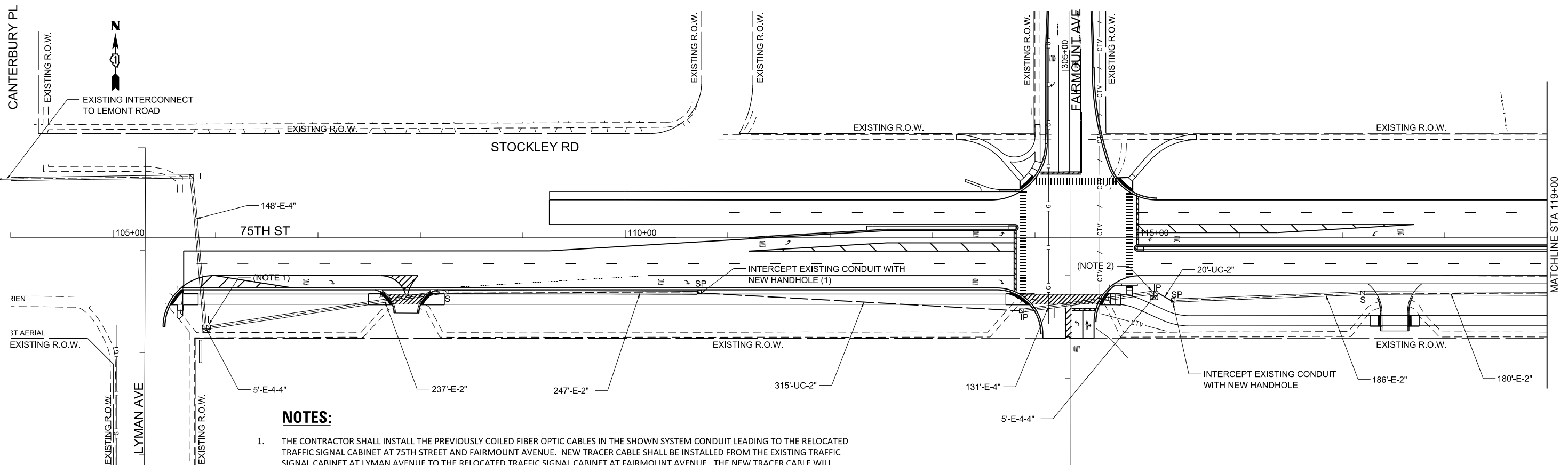
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT SCHEMATIC
75TH STREET – LYMAN AVE TO CASS AVE**

SCALE: NTS SHEET 76 OF 90 SHEETS STA. TO STA.

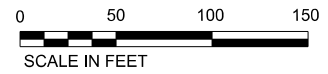
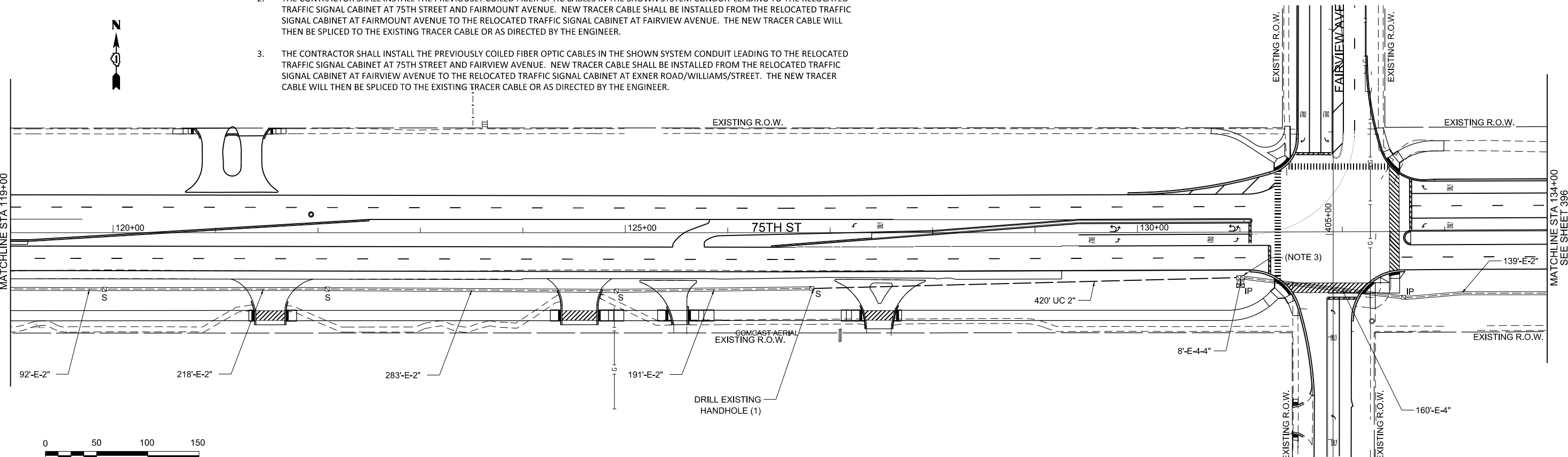
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH		477	394
CONTRACT NO. 61G18				
		ILLINOIS	FED. AID PROJECT	

TS-76



NOTES:

1. THE CONTRACTOR SHALL INSTALL THE PREVIOUSLY COILED FIBER OPTIC CABLES IN THE SHOWN SYSTEM CONDUIT LEADING TO THE RELOCATED TRAFFIC SIGNAL CABINET AT 75TH STREET AND FAIRMOUNT AVENUE. NEW TRACER CABLE SHALL BE INSTALLED FROM THE EXISTING TRAFFIC SIGNAL CABINET AT LYMAN AVENUE TO THE RELOCATED TRAFFIC SIGNAL CABINET AT FAIRMOUNT AVENUE. THE NEW TRACER CABLE WILL THEN BE SPLICED TO THE EXISTING TRACER CABLE OR AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL INSTALL THE PREVIOUSLY COILED FIBER OPTIC CABLES IN THE SHOWN SYSTEM CONDUIT LEADING TO THE RELOCATED TRAFFIC SIGNAL CABINET AT 75TH STREET AND FAIRMOUNT AVENUE. NEW TRACER CABLE SHALL BE INSTALLED FROM THE RELOCATED TRAFFIC SIGNAL CABINET AT FAIRMOUNT AVENUE TO THE RELOCATED TRAFFIC SIGNAL CABINET AT FAIRVIEW AVENUE. THE NEW TRACER CABLE WILL THEN BE SPLICED TO THE EXISTING TRACER CABLE OR AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL INSTALL THE PREVIOUSLY COILED FIBER OPTIC CABLES IN THE SHOWN SYSTEM CONDUIT LEADING TO THE RELOCATED TRAFFIC SIGNAL CABINET AT 75TH STREET AND FAIRVIEW AVENUE. NEW TRACER CABLE SHALL BE INSTALLED FROM THE RELOCATED TRAFFIC SIGNAL CABINET AT FAIRVIEW AVENUE TO THE RELOCATED TRAFFIC SIGNAL CABINET AT EXNER ROAD/WILLIAMS/STREET. THE NEW TRACER CABLE WILL THEN BE SPLICED TO THE EXISTING TRACER CABLE OR AS DIRECTED BY THE ENGINEER.



MODEL: 77 Interconnect Sheet 1
 FILE NAME: K:\Projects\17-001-1-01E-75th Street Traffic Signals\Design\Sheet Files\12-D\1701701678-Interconnect sheets.dgn



USER NAME = L.Jackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 100.00' / 1"	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERCONNECT PLAN
FOR 75TH STREET (SHEET 1 OF 2)**

SCALE: 1"=50' SHEET 77 OF 90 SHEETS STA. 104+00 TO STA. 134+00

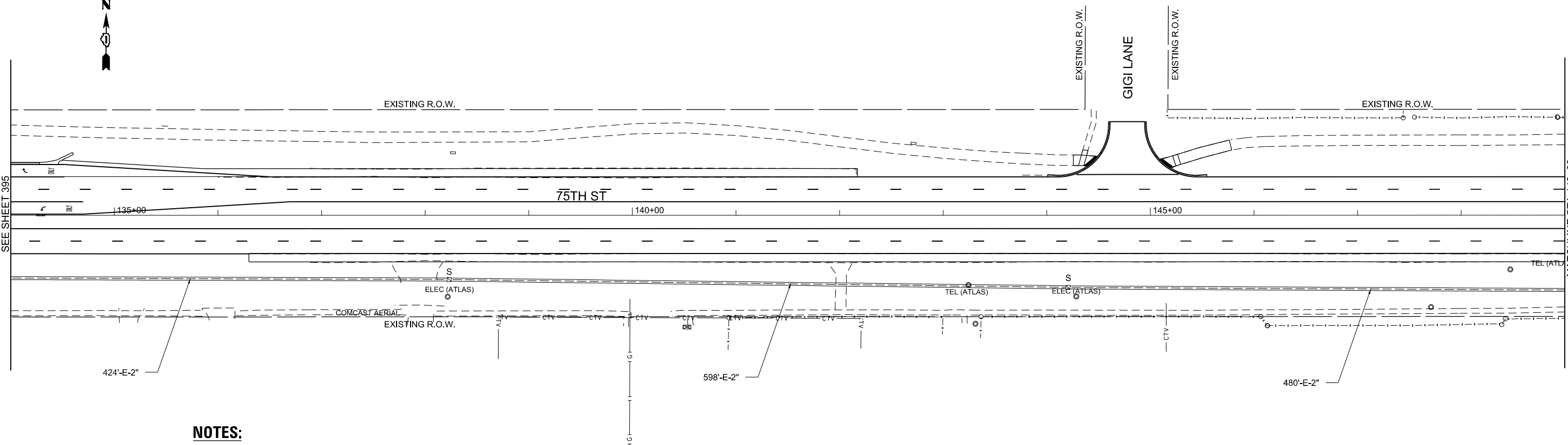
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	395
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-77



MATCHLINE STA 134+00
SEE SHEET 395

MATCHLINE STA 149+00
SEE SHEET X

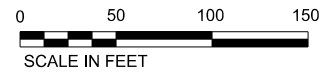
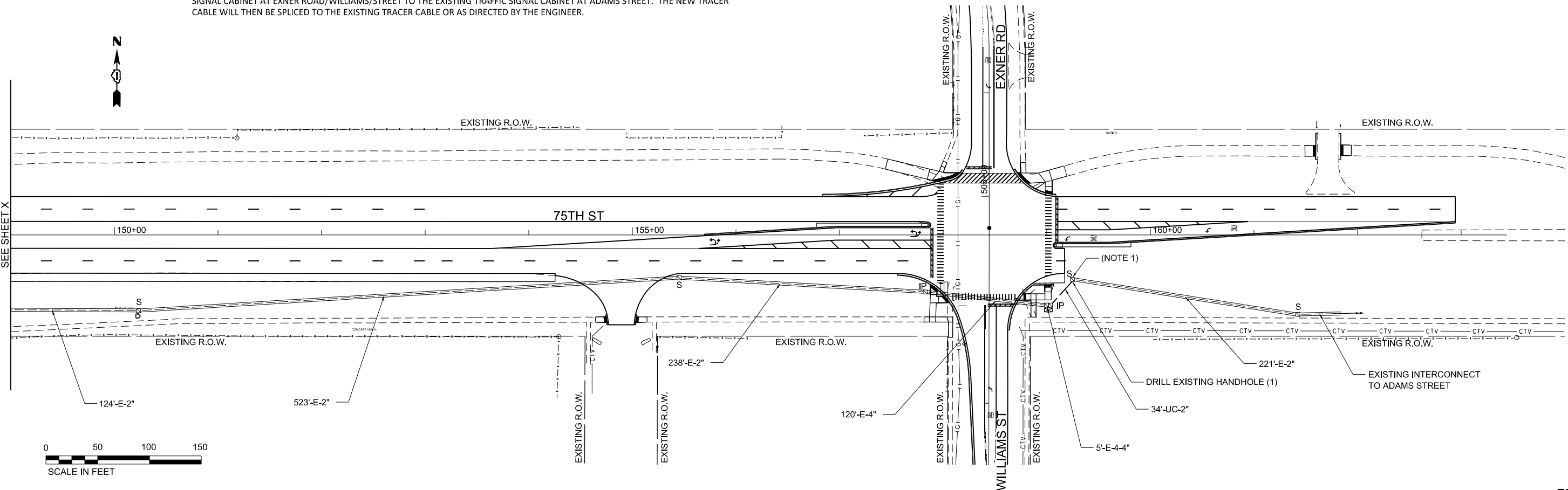


NOTES:

1. THE CONTRACTOR SHALL INSTALL THE PREVIOUSLY COILED FIBER OPTIC CABLES IN THE SHOWN SYSTEM CONDUIT LEADING TO THE EXISTING TRAFFIC SIGNAL CABINET AT 75TH STREET AND ADAMS STREET. NEW TRACER CABLE SHALL BE INSTALLED FROM THE RELOCATED TRAFFIC SIGNAL CABINET AT EXNER ROAD/WILLIAMS/STREET TO THE EXISTING TRAFFIC SIGNAL CABINET AT ADAMS STREET. THE NEW TRACER CABLE WILL THEN BE SPliced TO THE EXISTING TRACER CABLE OR AS DIRECTED BY THE ENGINEER.



MATCHLINE STA 149+00
SEE SHEET X



MODEL: 75 Interconnect Sheet 2
 FILE NAME: K:\03\2017\501-151E-75th Street Traffic Signal\Drawings\Sheet files\12-D\171916718-Interconnect sheets.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 100.00' / 1"	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERCONNECT PLAN
FOR 75TH STREET (SHEET 2 OF 2)**

SCALE: 1"=50' SHEET 78 OF 90 SHEETS STA. 134+00 TO STA. 163+44.30

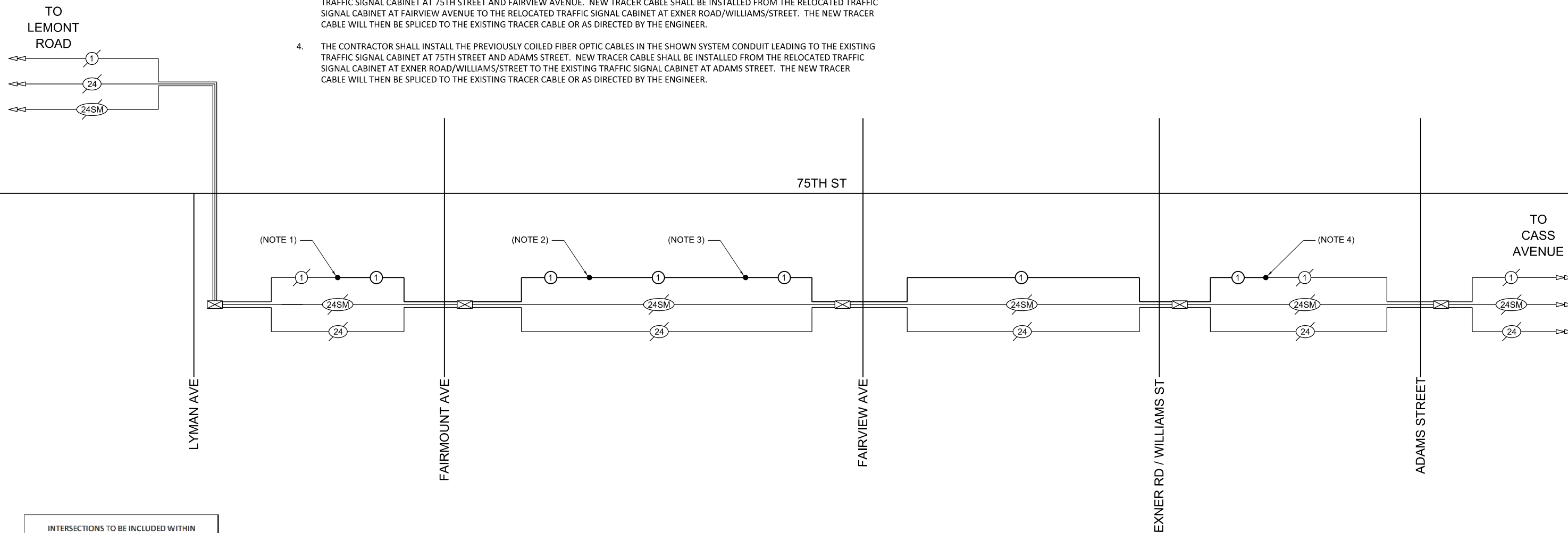
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	396
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-78



NOTES:

1. THE CONTRACTOR SHALL INSTALL THE PREVIOUSLY COILED FIBER OPTIC CABLES IN THE SHOWN SYSTEM CONDUIT LEADING TO THE RELOCATED TRAFFIC SIGNAL CABINET AT 75TH STREET AND FAIRMOUNT AVENUE. NEW TRACER CABLE SHALL BE INSTALLED FROM THE EXISTING TRAFFIC SIGNAL CABINET AT LYMAN AVENUE TO THE RELOCATED TRAFFIC SIGNAL CABINET AT FAIRMOUNT AVENUE. THE NEW TRACER CABLE WILL THEN BE SPliced TO THE EXISTING TRACER CABLE OR AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL INSTALL THE PREVIOUSLY COILED FIBER OPTIC CABLES IN THE SHOWN SYSTEM CONDUIT LEADING TO THE RELOCATED TRAFFIC SIGNAL CABINET AT 75TH STREET AND FAIRMOUNT AVENUE. NEW TRACER CABLE SHALL BE INSTALLED FROM THE RELOCATED TRAFFIC SIGNAL CABINET AT FAIRMOUNT AVENUE TO THE RELOCATED TRAFFIC SIGNAL CABINET AT FAIRVIEW AVENUE. THE NEW TRACER CABLE WILL THEN BE SPliced TO THE EXISTING TRACER CABLE OR AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL INSTALL THE PREVIOUSLY COILED FIBER OPTIC CABLES IN THE SHOWN SYSTEM CONDUIT LEADING TO THE RELOCATED TRAFFIC SIGNAL CABINET AT 75TH STREET AND FAIRMOUNT AVENUE. NEW TRACER CABLE SHALL BE INSTALLED FROM THE RELOCATED TRAFFIC SIGNAL CABINET AT FAIRVIEW AVENUE TO THE RELOCATED TRAFFIC SIGNAL CABINET AT EXNER ROAD/WILLIAMS/STREET. THE NEW TRACER CABLE WILL THEN BE SPliced TO THE EXISTING TRACER CABLE OR AS DIRECTED BY THE ENGINEER.
4. THE CONTRACTOR SHALL INSTALL THE PREVIOUSLY COILED FIBER OPTIC CABLES IN THE SHOWN SYSTEM CONDUIT LEADING TO THE EXISTING TRAFFIC SIGNAL CABINET AT 75TH STREET AND ADAMS STREET. NEW TRACER CABLE SHALL BE INSTALLED FROM THE RELOCATED TRAFFIC SIGNAL CABINET AT EXNER ROAD/WILLIAMS/STREET TO THE EXISTING TRAFFIC SIGNAL CABINET AT ADAMS STREET. THE NEW TRACER CABLE WILL THEN BE SPliced TO THE EXISTING TRACER CABLE OR AS DIRECTED BY THE ENGINEER.



INTERSECTIONS TO BE INCLUDED WITHIN PAY ITEM, "OPTIMIZE TRAFFIC SIGNAL SYSTEM"	
1.	75TH & WOODRIDGE
2.	75TH & JANES
3.	75TH & I-355 W. RAMP
4.	76th & I-355 E. RAMP
5.	75TH & WOODWARD
6.	75TH & DUNHAM
7.	75TH & LEMONT
8.	75TH & LYMAN
9.	75TH & FAIRMOUNT
10.	75TH & FAIRVIEW
11.	75TH & EXNER/WILLIAMS
12.	75TH & ADAMS
13.	75TH & CASS
14.	75TH & PLAINFIELD
15.	PLAINFIELD & MANNING
16.	PLAINFIELD & BAILEY
17.	LEMONT & CHESTNUT
18.	CASS & PLAINFIELD
19.	LEMONT & GROVE S.C.
20.	LEMONT & DUNHAM

SCHEDULE OF QUANTITIES

ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	800
81400100	HANDHOLE	EACH	2
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5115
87900200	DRILL EXISTING HANDHOLE	EACH	2
88502380	REMOVE EXISTING HANDHOLE	EACH	1
Z0033058	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	4575
X1400012	REMOVE AND REINSTALL FIBER OPTIC CABLE IN CONDUIT	FOOT	5115
X1400217	TERMINATE FIBER IN CABINET	EACH	48
X1400219	SPLICE FIBER IN CABINET	EACH	24
X8100883	INTERCEPT EXISTING CONDUIT	EACH	2

LEGEND:

- PROPOSED CONDUIT SPLICE
- ☒ RELOCATED EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
- ① EXISTING TRACER CABLE
- ① PROPOSED TRACER CABLE
- ②4 EXISTING 12MM/12SM FIBER OPTIC CABLE
- ②4SM EXISTING 24SM FIBER OPTIC CABLE

MODEL: To Interconnect Schematic
 FILE NAME: K:\Projects\17-001-1-01E 75th Street Traffic Signal\Design\Sheet Files\12-DTD\17016718-Interconnect sheets.dgn



USER NAME = LJackson	DESIGNED - NMN	REVISED -
PLOT SCALE = 100.00' / In.	DRAWN - JRB	REVISED -
PLOT DATE = 1/9/2020	CHECKED - TWK	REVISED -
	DATE - 1/9/2020	REVISED -

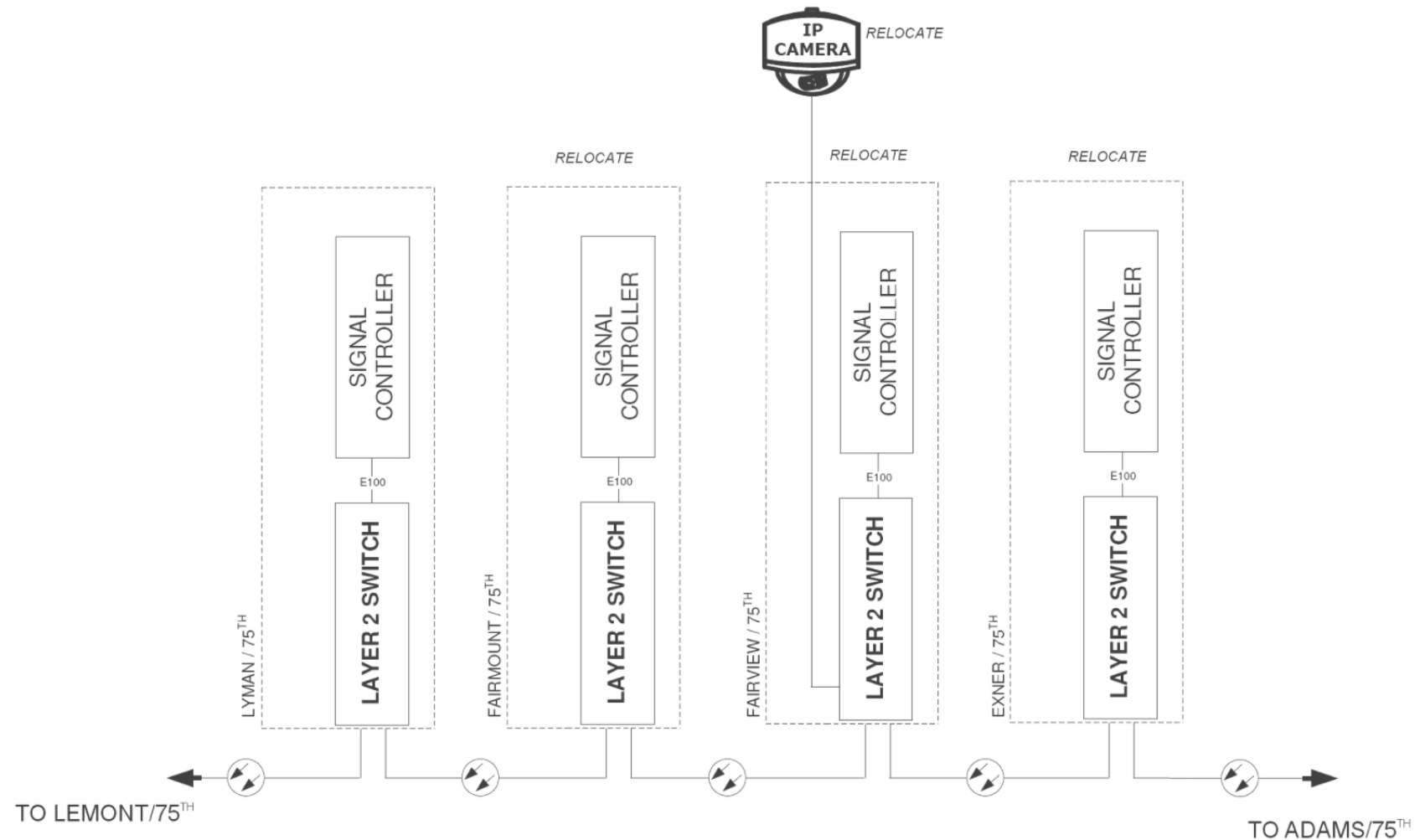
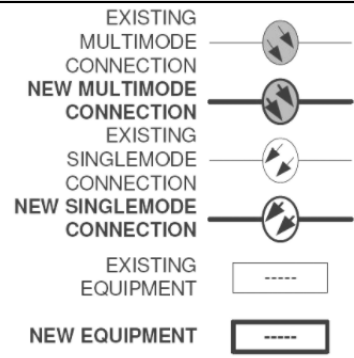
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INTERCONNECT SCHEMATIC
AND SCHEDULE OF QUANTITIES
75TH STREET – LYMAN AVE TO CASS AVE

SCALE: NTS SHEET 79 OF 90 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	397
CONTRACT NO. 61G18				
ILLINOIS		FED. AID PROJECT		

TS-79



MODEL: 06 CABINET DETAILS
 FILE NAME: K:\Projects\17-501-1-01E 75th Street Traffic Signal\Drawings\Sheet\Max13 D:\ITP\16718-16-17-501-1-01E 75th Street Traffic Signal standard.dwg

USER NAME = L.Jackson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.00' / 1in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

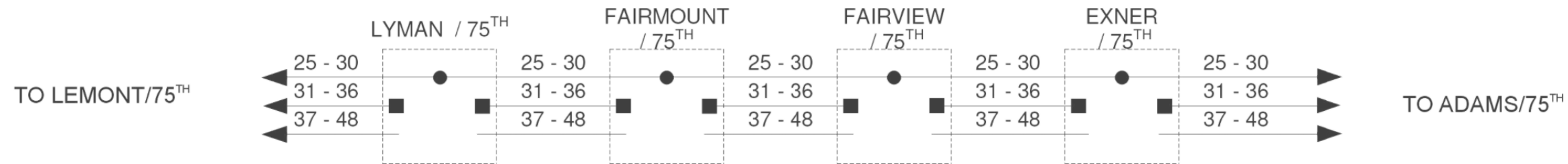
CABINET DETAILS

SCALE: NTS SHEET 80 OF 90 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	398
CONTRACT NO. 61G18				
		ILLINOIS	FED. AID PROJECT	

NOTES:

FIBER NUMBERING SCHEME IS ONLY FOR THE NUMBER OF SINGLE MODE FIBERS. EXISTING AND PROPOSED MULTIMODE FIBER ARE NOT SHOWN OR NUMBERED. EXISTING SINGLE MODE FIBERS HAVE BEEN NUMBERED 1 THRU 24. PROPOSED SINGLE MODE FIBERS HAVE BEEN NUMBERED 25-48. THE CONTRACTOR SHOULD REFER TO THE INTERCONNECT SCHEMATIC TO DETERMINE THE NUMBER AND TYPE OF FIBER AT ANY LOCATION.



MODEL: R:\SPICE\DRAWING\KCP\0369\17-001-1-01E 75th Street Traffic Signal (D:\P\0369\Design\Sheet\Sheet13 D:\P\0369\17-001-1-01E 75th Street Traffic Signal standard.dwg)

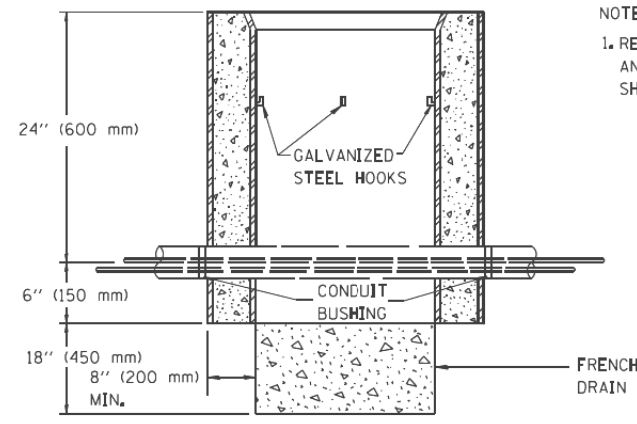
USER NAME = LJackson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.00' / In.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPLICE DIAGRAM

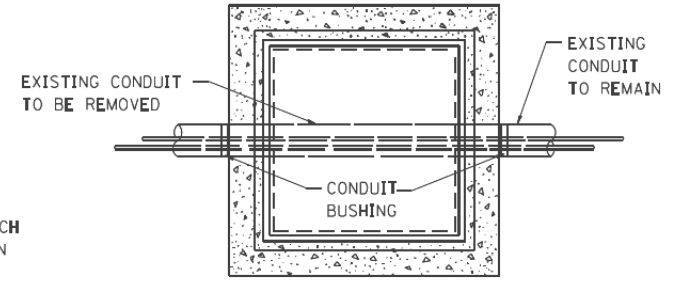
SCALE: NTS SHEET 81 OF 90 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	399
CONTRACT NO. 61G18				
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. REMOVAL OF EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHING SHALL BE INCIDENTAL TO THE HANDHOLE.



ELEVATION

PLAN

**DETAIL
HANDHOLE TO INTERCEPT EXISTING CONDUIT**

MODEL: 09 TS-03
 FILE NAME: K:\Projects\17-001-01E 75th Street Traffic Signal (D:\P\p\Design\Sheet\Sheet13 D:\DTP\016718\sheet\standard.dwg)

USER NAME = LJackson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.00 ' / in.	CHECKED - TWK	REVISED -
PLOT DATE = 1/9/2020	DATE - 1/9/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HANDHOLE TO INTERCEPT EXISTING CONDUIT

SCALE: NTS SHEET 82 OF 90 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	16-00233-00-CH	DUPAGE	477	400
CONTRACT NO. 61G18				
ILLINOIS FED. AID PROJECT				

TS-82