

06-17-2022 LETTING ITEM 233

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	DS GR 2022-1	77	21	1
		ILLINOIS	CONTRACT NO. 70F78	

\* 57 & 74  
\*\* CHAMPAIGN, DOUGLAS & DEWITT  
D-95-001-22

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6

PROPOSED  
HIGHWAY PLANS

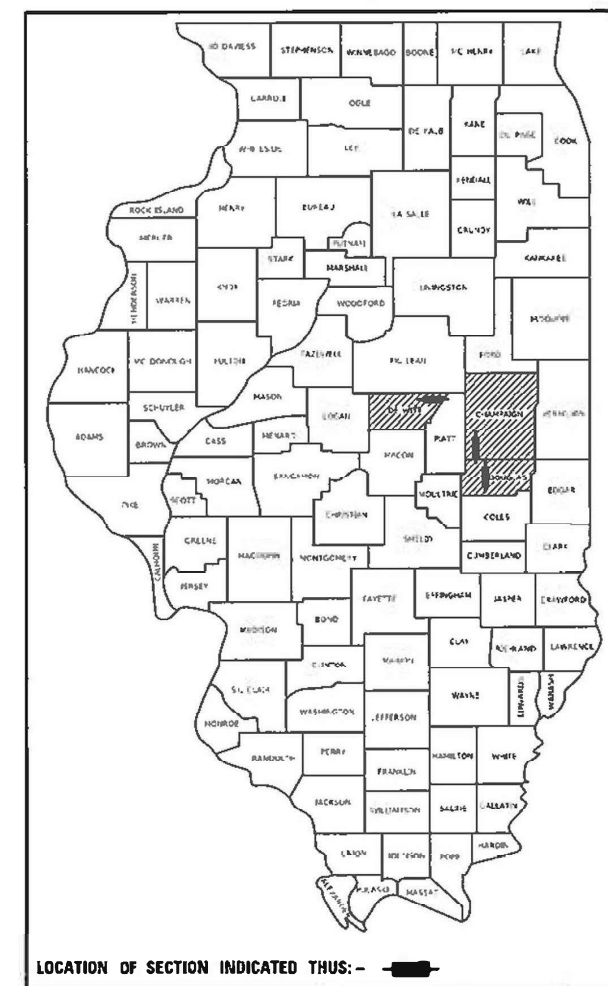
ROUTES VARIOUS  
SECTION D5 GR 2022-1  
PROJECT COVD-DA6W(102)  
GUARDRAIL MEDIAN CABLE REPAIR  
VARIOUS COUNTIES

C-95-015-22

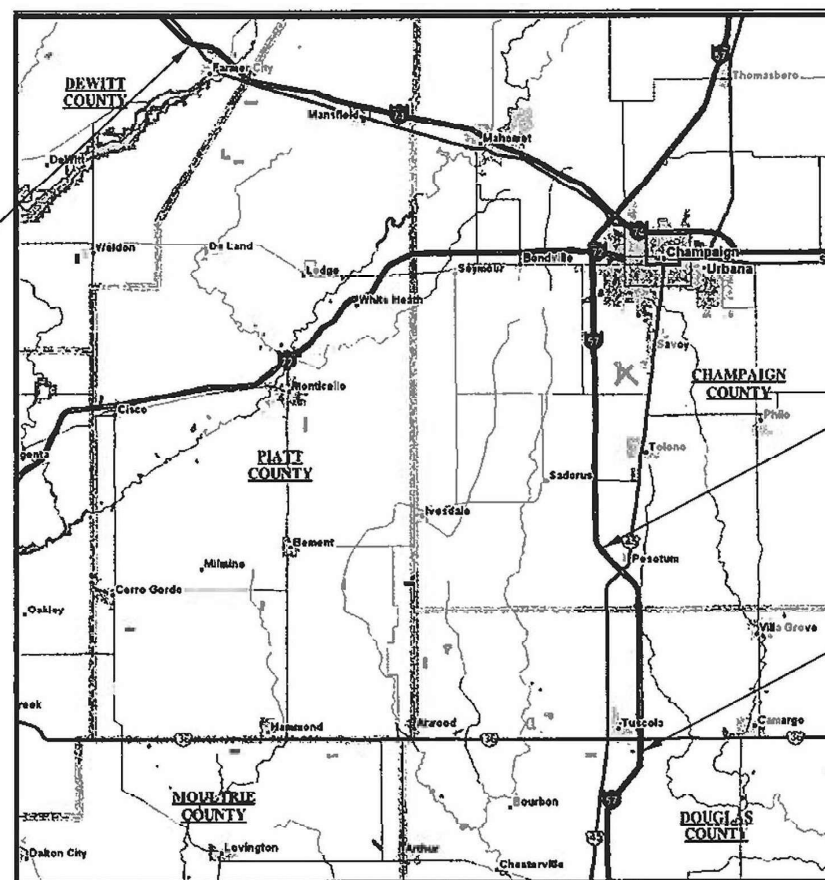
CURRENT ADT

FAI 57 22,900 (LOCATION #1 TUSCOLA) YR 2021  
FAI 57 24,400 (LOCATION #2 PESOTUM) YR 2021  
FAI 74 23,000 (LOCATION #3 FARMER CITY) YR 2021

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811  
  
TUSCOLA TOWNSHIP  
PESOTUM TOWNSHIP  
SANTA ANA TOWNSHIP

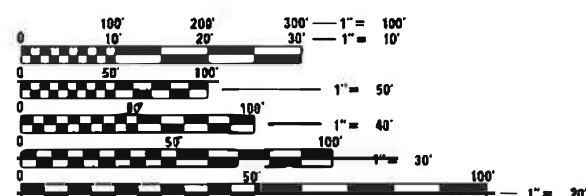


LOCATION #3  
FAI-74 (I-74)  
STA. 711+00 TO  
STA. 746+00



LOCATION #2  
FAI-57 (I-57)  
STA. 176+50 TO  
STA. 250+50

LOCATION #1  
FAI-57 (I-57)  
STA. 467+25 TO  
STA. 503+50



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



GROSS LENGTH = 14,225 FT. = 2.694 MILES  
NET LENGTH = 14,225 FT. = 2.694 MILES

PROJECT ENGINEER: JASON STULTS  
DESIGNER: KEVIN KNOEPFEL  
TELEPHONE: 217-465-4181  
CONTRACT NO. 70F78

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
SUBMITTED 11/21/2022  
*Kenneth A. [Signature]*  
REGIONAL ENGINEER  
March 25, 2022  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT  
March 23, 2022  
*Stephen M. [Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
3 TO 5	LOCATION MAPS
6	SUMMARY OF QUANTITIES
7 - 8	SCHEDULE OF QUANTITIES
9 TO 20	PLAN SHEETS
21	HIGH TENSION CABLE MODIFICATION DETAIL

## HIGHWAY STANDARDS

<u>STANDARD</u>	<u>DESCRIPTION</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15 FT TO 24 IN FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15 FT AWAY
701400-11	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-13	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS $\geq$ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

## GENERAL NOTES

G.N.-100A  
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

## COMMITMENTS

NO COMMITMENTS

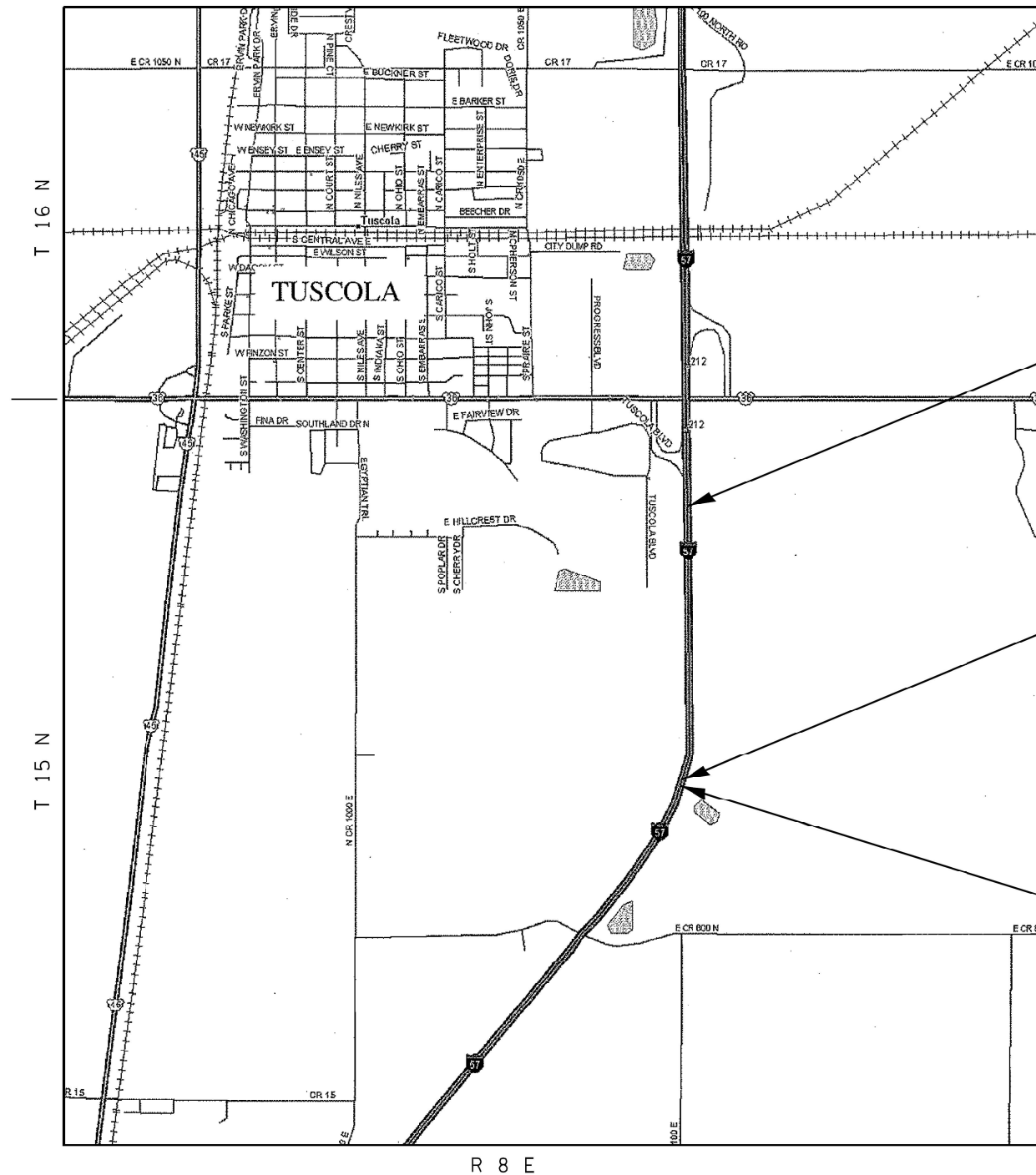
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\* I-57 & I-74  
\*\* CHAMPAIGN, DEWITT & DOUGLAS

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>USER NAME = plersonbr</td> <td>DESIGNED -</td> <td>REVISED -</td> </tr> <tr> <td></td> <td>DRAWN -</td> <td>REVISED -</td> </tr> <tr> <td>PLOT SCALE = 40,0000 * / in.</td> <td>CHECKED -</td> <td>REVISED -</td> </tr> <tr> <td>PLOT DATE = 1/19/2022</td> <td>DATE -</td> <td>REVISED -</td> </tr> </table>	USER NAME = plersonbr	DESIGNED -	REVISED -		DRAWN -	REVISED -	PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -	PLOT DATE = 1/19/2022	DATE -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES &amp; COMMITMENTS</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A.I. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>*</td> <td>D5 GR 2022-1</td> <td>**</td> <td>21</td> <td>2</td> </tr> <tr> <td colspan="5" style="text-align: right;">CONTRACT NO. 70F78</td> </tr> </table>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	*	D5 GR 2022-1	**	21	2	CONTRACT NO. 70F78					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SCALE: NONE</td> <td>SHEET 1 OF 1 SHEETS</td> <td>STA. TO STA.</td> </tr> <tr> <td colspan="3" style="text-align: center;">ILLINOIS FED. AID PROJECT</td> </tr> </table>	SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		
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SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.																																			
ILLINOIS FED. AID PROJECT																																					

# LOCATION #1

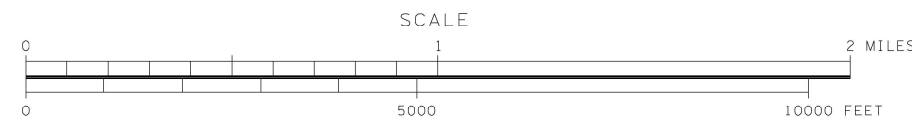
## I-57 SOUTH OF TUSCOLA - DOUGLAS COUNTY



PROJECT  
LIMITS  
END STATION  
503+50

PROJECT  
LIMITS  
BEGIN STATION  
467+25

STRUCTURES  
021-0007 & 021-0008  
CARRYING I-57  
OVER SCATTERING  
FORK CREEK  
STATION 464+00



**TOTAL LENGTH OF SECTION = 3625 FEET = 0.687 MILES**  
**NET LENGTH OF SECTION = 3625 FEET = 0.687 MILES**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

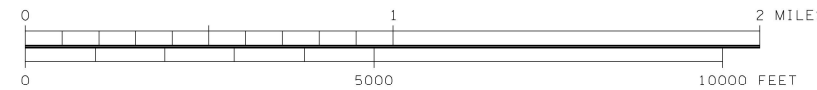
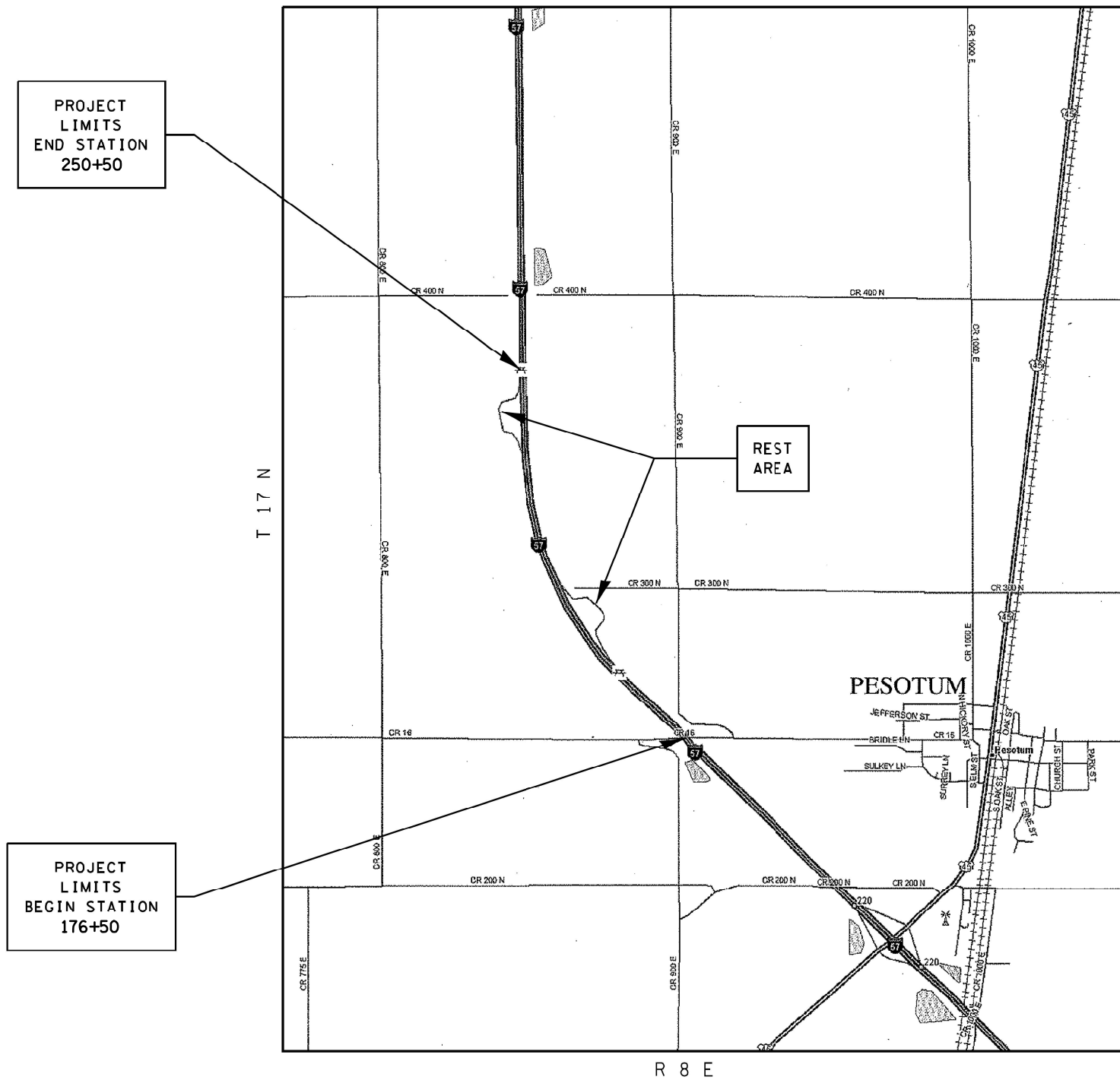
**LOCATION #3  
I-57 SOUTH OF TUSCOLA - DOUGLAS COUNTY**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

* 57 & 74 ** CHAMPAIGN, DEWITT & DOUGLAS				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	3
			CONTRACT NO. 70F78	
		ILLINOIS FED. AID PROJECT		

# LOCATION #2

## I-57 NORTH OF PESOTUM – CHAMPAIGN COUNTY



**TOTAL LENGTH OF SECTION = 7400 FEET = 1.402 MILES**  
**NET LENGTH OF SECTION = 7400 FEET = 1.402 MILES**

\* 57 & 74  
 \*\* CHAMPAIGN, DEWITT & DOUGLAS

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PLOT DATE = 1/19/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LOCATION #2  
 I-57 NORTH OF PESOTUM – CHAMPAIGN COUNTY**

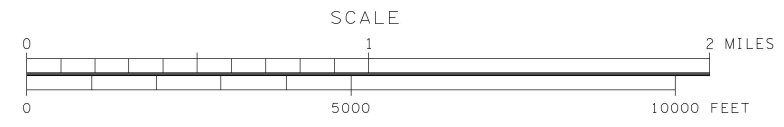
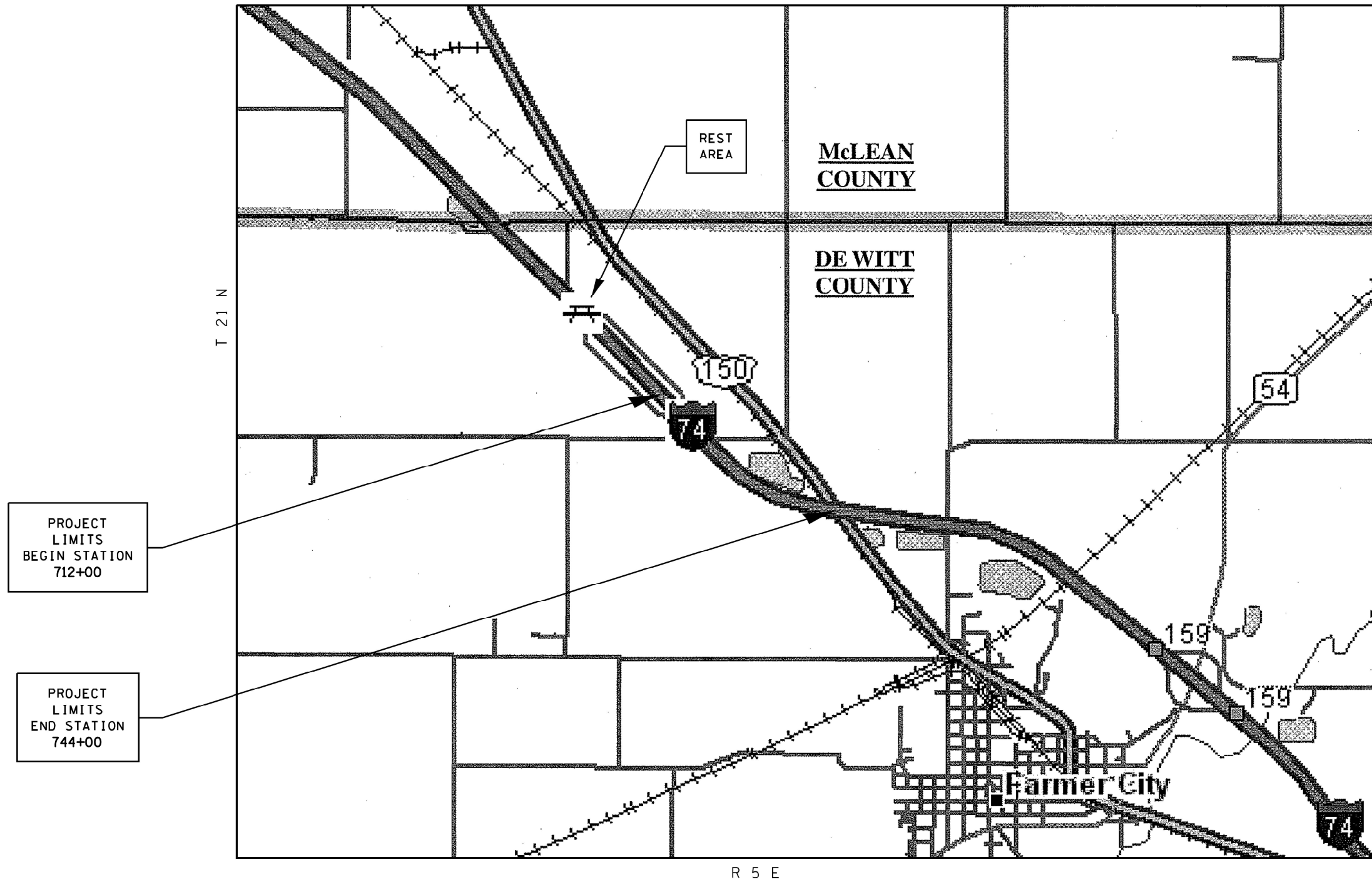
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	4
CONTRACT NO. 70F78				
ILLINOIS FED. AID PROJECT				



# LOCATION #3

## I-74 WEST OF FARMER CITY – DEWITT COUNTY



**TOTAL LENGTH OF SECTION = 3200 FEET = 0.606 MILES**  
**NET LENGTH OF SECTION = 3200 FEET = 0.606 MILES**

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PLOT DATE = 1/19/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION #3  
I-74 WEST OF FARMER CITY – DEWITT COUNTY**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	5
CONTRACT NO. 70F78				
ILLINOIS FED. AID PROJECT				

\* 57 & 74  
 \*\* CHAMPAIGN, DEWITT & DOUGLAS

# SUMMARY OF QUANTITIES

## SUMMARY OF QUANTITIES

LOCATION OF WORK  
 ROUTES  
 COUNTIES  
 FUNDING BREAK OUT

LOCATION 1	LOCATION 2	LOCATION 3
FAI - 57	FAI - 57	FAI - 74
DOUGLAS	CHAMPAIGN	DEWITT
100% FED	100% FED	100% FED

CONSTRUCTION TYPE CODE

RURAL	RURAL	RURAL
0021	0021	0021

CODE NO	PAY ITEM	UNIT	TOTAL QUANTITY				
67100100	MOBILIZATION	L SUM	1	0.4	0.3	0.3	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L.SUM	1		0.5	0.5	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	15	3	6.0	6.0	
78200021	HIGH TENSION CABLE MEDIAN BARRIER REFLECTORS	EACH	140	9	92	39	
X0326201	REPAIR HIGH TENSION CABLE (TRINITY)	FOOT	14,025	3,525	7,350	3,150	
X0326203	REPAIR HIGH TENSION CABLE SYSTEM END SECTION (TRINITY)	EACH	10	2	4	4	
X0800003	COARSE AGGREGATE BACKFILL (SPECIAL)	CU YD	137	34	72	31	

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\* 57 & 74  
 \*\* CHAMPAIGN, DEWITT & DOUGLAS

USER NAME = plersonbr DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS                  DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I. RTE. * **	SECTION D5 GR 2022-1	COUNTY **	TOTAL SHEETS 21	SHEET NO. 6
SCALE: NONE    SHEET 1 OF 1 SHEETS    STA.    TO STA.			CONTRACT NO. 70F78					
						ILLINOIS FED. AID PROJECT		

# SCHEDULE OF QUANTITIES

## SCHEDULE 1

### X0326203 REPAIR HIGH TENSION CABLE SYSTEM END SECTION (TRINITY)

<u>LOCATION</u>	<u>(EACH)</u>
<u>DOUGLAS COUNTY</u>	
<u>LOC #1 TUSCOLA (I-57 SBDL SHOULDER)</u>	
LT. STA 467+25 - 467+75	1.0
LT. STA 503+00 - 503+50	1.0
SUBTOTAL =	2.0
<u>CHAMPAIGN COUNTY</u>	
<u>LOC #2 PESOTUM (I-57 SBPL MEDIAN)</u>	
LT. STA 176+50 - 177+00	1.0
LT. STA 217+00 - 217+50	1.0
LT. STA 216+00 - 216+50	1.0
LT. STA 250+00 - 250+50	1.0
SUBTOTAL =	4.0
<u>DEWITT COUNTY</u>	
<u>LOC #3 FARMER CITY (I-74 EBPL MEDIAN)</u>	
RT. STA 712+00 - 712+50	1.0
RT. STA 726+00 - 726+50	1.0
RT. STA 725+00 - 725+50	1.0
RT. STA 743+50 - 744+00	1.0
SUBTOTAL =	4.0
TOTALS =	10.0

### X0326201 REPAIR HIGH TENSION CABLE (TRINITY)

<u>LOCATION</u>	<u>(FOOT)</u>	<u>(EACH)</u>
<u>DOUGLAS COUNTY</u>		
<u>LOC #1 TUSCOLA (I-57 SBDL SHOULDER)</u>		
LT. STA 467+75 - 503+00	3525.0	9.0
SUBTOTAL =	3525.0	9.0
<u>CHAMPAIGN COUNTY</u>		
<u>LOC #2 PESOTUM (I-57 SBPL MEDIAN)</u>		
LT. STA 177+00 - 217+00 SOUTH RUN	4000.0	50.0
LT. STA 216+50 - 250+00 NORTH RUN	3350.0	42.0
SUBTOTAL =	7350.0	92.0
<u>DEWITT COUNTY</u>		
<u>LOC #3 FARMER CITY (I-74 EBPL MEDIAN)</u>		
RT. STA 712+50 - 726+00 WEST RUN	1350.0	17.0
RT. STA 725+50 - 743+50 EAST RUN	1800.0	22.0
SUBTOTAL =	3150.0	39.0
TOTALS =	14025.0	140.0

### 78200021 HIGH TENSION CABLE MEDIAN BARRIER REFLECTORS

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\* 57 & 74  
 \*\* CHAMPAIGN, DEWITT & DOUGLAS

USER NAME = plersonbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 70F78				
PLOT DATE = 1/19/2022	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

## SCHEDULE 2

### X080003 COARSE AGGREGATE BACKFILL (SPECIAL)

<u>LOCATION</u>	<u>(CU YDS)</u>	<u>(POSTS)</u>
<u>DOUGLAS COUNTY</u>		
<u>LOC #1 TUSCOLA (I-57 SBDL SHOULDER)</u>		
LT. STA 467+75 - 503+00	34.0	175.0
SUBTOTAL =	34.0	175.0
<u>CHAMPAIGN COUNTY</u>		
<u>LOC #2 PESOTUM (I-57 SBPL MEDIAN)</u>		
LT. STA 177+00 - 217+00 SOUTH RUN	39.0	200.0
LT. STA 216+50 - 250+00 NORTH RUN	33.0	168.0
SUBTOTAL =	72.0	368.0
<u>DEWITT COUNTY</u>		
<u>LOC #3 FARMER CITY (I-74 EBPL MEDIAN)</u>		
RT. STA 712+50 - 726+00 WEST RUN	14.0	69.0
RT. STA 725+50 - 743+50 EAST RUN	17.0	90.0
SUBTOTAL =	31.0	159.0
TOTALS =	137.0	702.0

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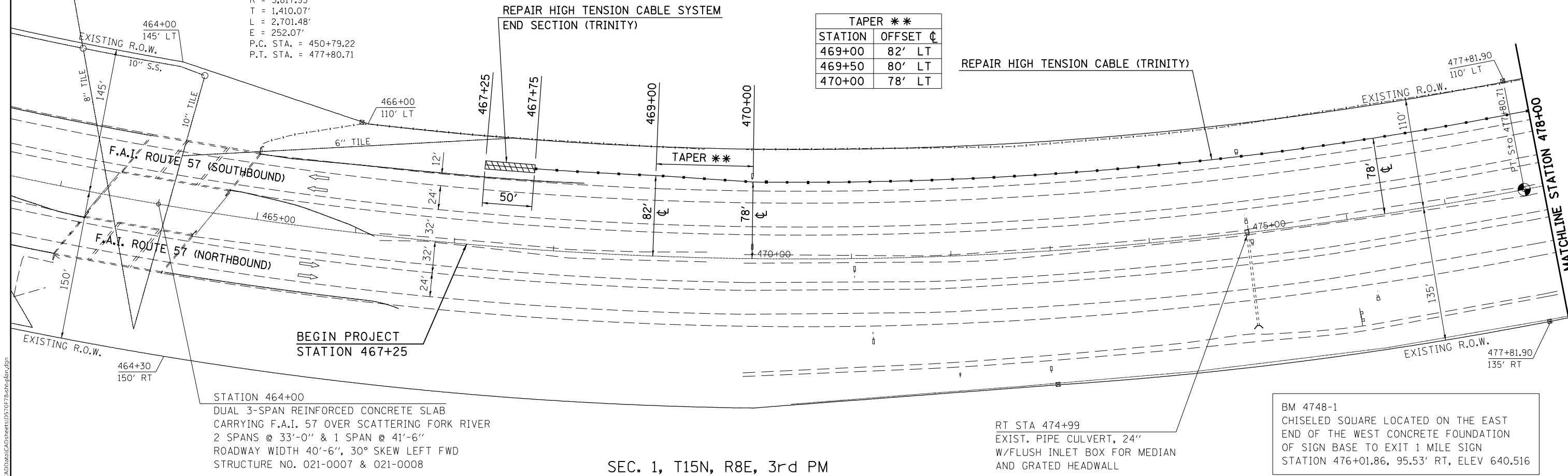
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								D5 GR 2022-1 ** CONTRACT NO. 70F78
								ILLINOIS FED. AID PROJECT

# LOCATION #1

SEC. 2, T15N, R8E, 3rd PM

EXIST. CURVE DATA  
 PI STA. = 464+89.29  
 $\Delta = 40^\circ 32' 28''$  (LT)  
 $D = 1^\circ 30' 03''$   
 $R = 3,817.95'$   
 $T = 1,410.07'$   
 $L = 2,701.48'$   
 $E = 252.07'$   
 P.C. STA. = 450+79.22  
 P.T. STA. = 477+80.71



TAPER **	
STATION	OFFSET $\phi$
469+00	82' LT
469+50	80' LT
470+00	78' LT

STATION 464+00  
 DUAL 3-SPAN REINFORCED CONCRETE SLAB  
 CARRYING F.A.I. 57 OVER SCATTERING FORK RIVER  
 2 SPANS @ 33'-0" & 1 SPAN @ 41'-6"  
 ROADWAY WIDTH 40'-6", 30° SKEW LEFT FWD  
 STRUCTURE NO. 021-0007 & 021-0008

SEC. 1, T15N, R8E, 3rd PM

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PLOT DATE = 1/19/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LOCATION #1 TUSCOLA

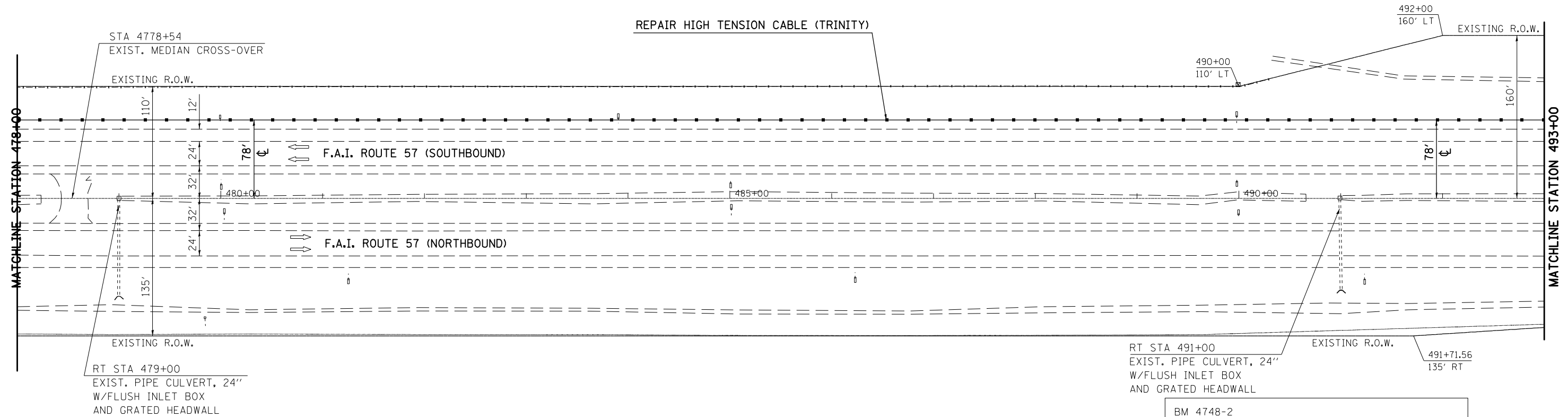
SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 463+00 TO STA. 478+00

\* 57 & 74  
 \*\* CHAMPAIGN, DEWITT & DOUGLAS

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*	D5 GR 2022-1	**	21	9
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ILLINOIS FED. AID PROJECT				

# LOCATION #1

SEC. 2, T15N, R8E, 3rd PM



SEC. 1, T15N, R8E, 3rd PM

RT STA 491+00  
EXIST. PIPE CULVERT, 24"  
W/FLUSH INLET BOX  
AND GRATED HEADWALL

EXISTING R.O.W. 491+71.56  
135' RT

BM 4748-2  
CHISELED SQUARE LOCATED ON THE NE CORNER OF  
THE CONCRETE AROUND DROP BOX IN THE MEDIAN  
STATION 491+01.00, 1.44' RT, ELEV 644.940

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PLOT DATE = 1/19/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION #1 TUSCOLA**

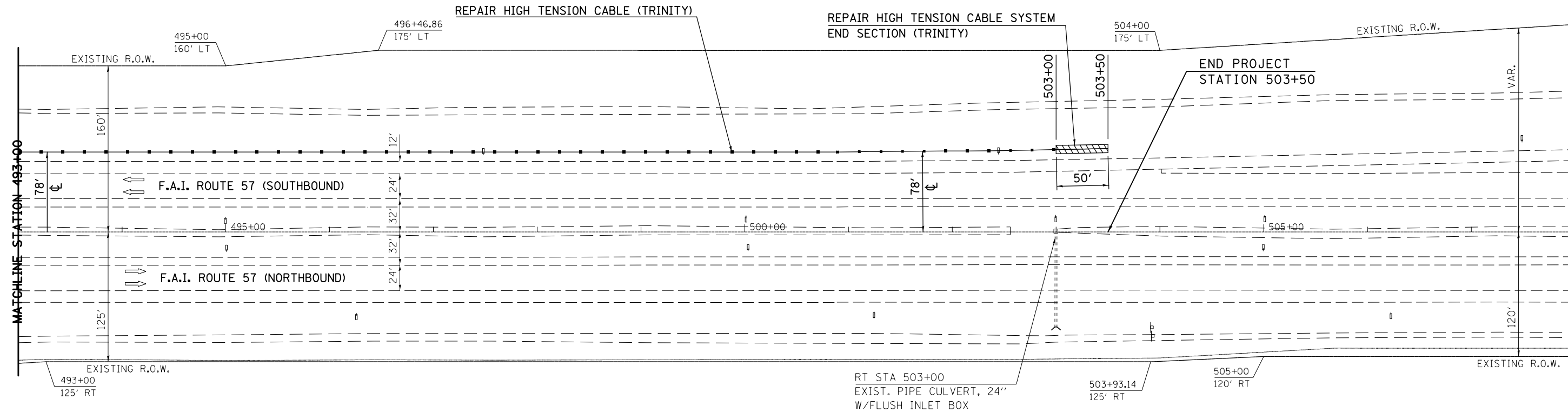
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	10
CONTRACT NO. 70F78			ILLINOIS FED. AID PROJECT	

\* 57 & 74  
\*\* CHAMPAIGN, DEWITT & DOUGLAS

# LOCATION #1

SEC. 2, T15N, R8E, 3rd PM



SEC. 1, T15N, R8E, 3rd PM

BM 4748-3  
CHISELED "X" LOCATED ON THE TOP OF THE  
NW BOLT OF THE WEST LEG OF SIGN BASE FOR  
EXIT 1/2 MILE SIGN. E. OF NBL  
STATION 503+92.42, 91.51' RT, ELEV 646.786

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	DRAWN -	REVISED -
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PLOT DATE = 1/19/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

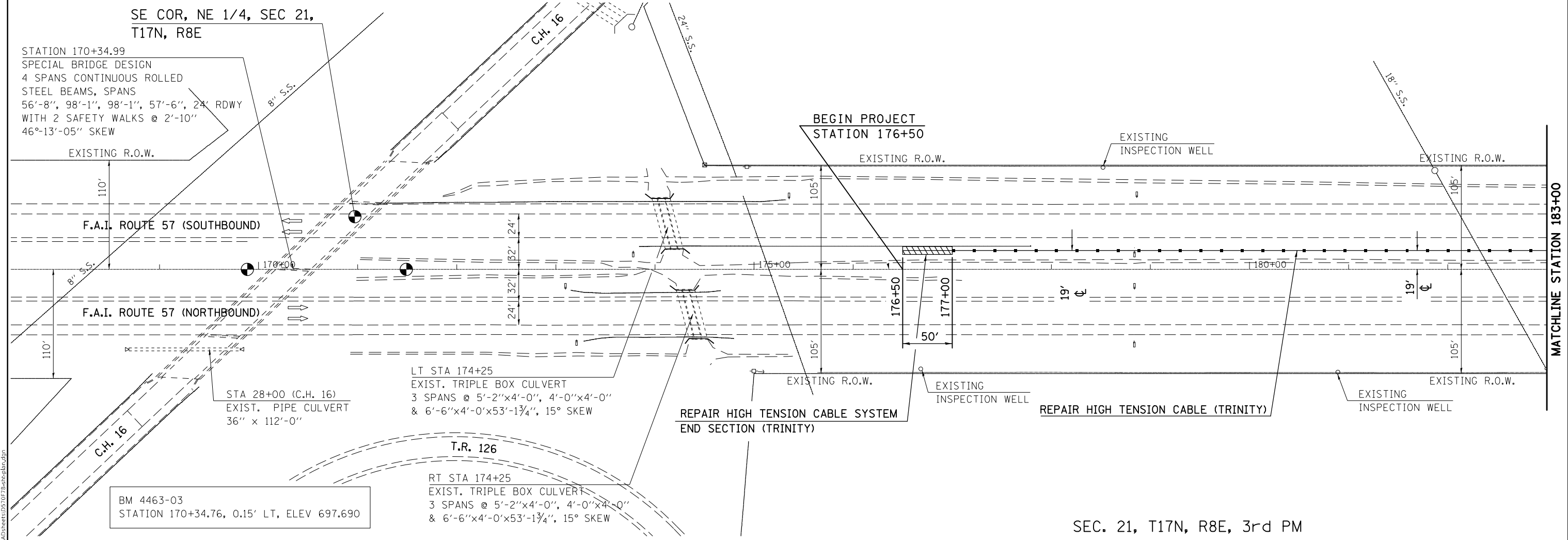
**LOCATION #1 TUSCOLA**

SCALE: 1" = 50'    SHEET 3 OF 3 SHEETS    STA. 493+00 TO STA. 508+00

\* 57 & 74  
\*\* CHAMPAIGN, DEWITT & DOUGLAS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	11
CONTRACT NO. 70F78				
ILLINOIS FED. AID PROJECT				

# LOCATION #2



SEC. 21, T17N, R8E, 3rd PM

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BM 4463-03  
STATION 170+34.76, 0.15' LT, ELEV 697.690

LT STA 174+25  
EXIST. TRIPLE BOX CULVERT  
3 SPANS @ 5'-2"x4'-0", 4'-0"x4'-0"  
& 6'-6"x4'-0"x53'-1 3/4", 15° SKEW

RT STA 174+25  
EXIST. TRIPLE BOX CULVERT  
3 SPANS @ 5'-2"x4'-0", 4'-0"x4'-0"  
& 6'-6"x4'-0"x53'-1 3/4", 15° SKEW

SE COR, NE 1/4, SEC 21,  
T17N, R8E

STATION 170+34.99  
SPECIAL BRIDGE DESIGN  
4 SPANS CONTINUOUS ROLLED  
STEEL BEAMS, SPANS  
56'-8", 98'-1", 98'-1", 57'-6", 24' RDWY  
WITH 2 SAFETY WALKS @ 2'-10"  
46°-13'-05" SKEW

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LOCATION #2 PESOTUM**

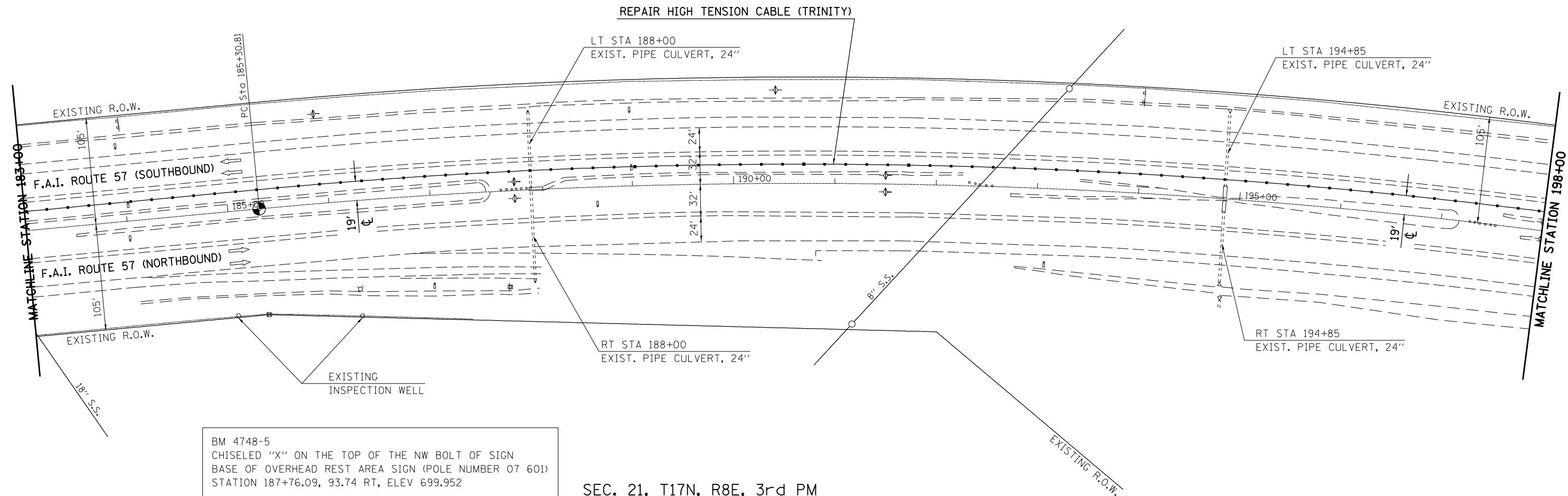
SCALE: 1" = 50'    SHEET 1 OF 6 SHEETS    STA. 168+00 TO STA. 183+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	12
CONTRACT NO. 70F78			ILLINOIS FED. AID PROJECT	

\* 57 & 74  
\*\* CHAMPAIGN, DEWITT & DOUGLAS



# LOCATION #2



BM 4748-5  
 CHISELED "X" ON THE TOP OF THE NW BOLT OF SIGN  
 BASE OF OVERHEAD REST AREA SIGN (POLE NUMBER 07 601)  
 STATION 187+76.09, 93.74 RT, ELEV 699.952

SEC. 21, T17N, R8E, 3rd PM

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/19/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

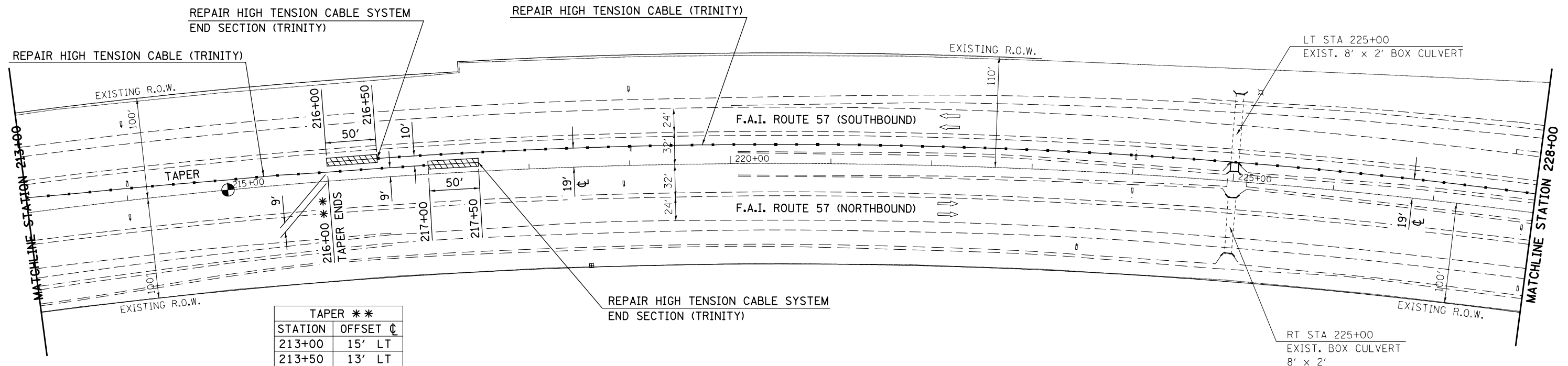
**LOCATION #2 PESOTUM**  
 SCALE: 1" = 50' SHEET 2 OF 6 SHEETS STA. 183+00 TO STA. 198+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	13
CONTRACT NO. 70F78			ILLINOIS FED. AID PROJECT	

\* 57 & 74  
 \*\* CHAMPAIGN, DEWITT & DOUGLAS



# LOCATION #2



TAPER **	
STATION	OFFSET $\phi$
213+00	15' LT
213+50	13' LT
214+00	12' LT
214+50	11' LT
215+00	10' LT
215+50	10' LT
216+00	9' LT

BM 4612-4 (CHISELED SQUARE)  
ON HEADWALL OF AR BOX CULVERT  
STATION 225+05.00, 18.02 LT, ELEV 692.090

SEC. 21, T17N, R8E, 3rd PM

SEC. 16, T17N, R8E, 3rd PM

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PLOT DATE = 1/19/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

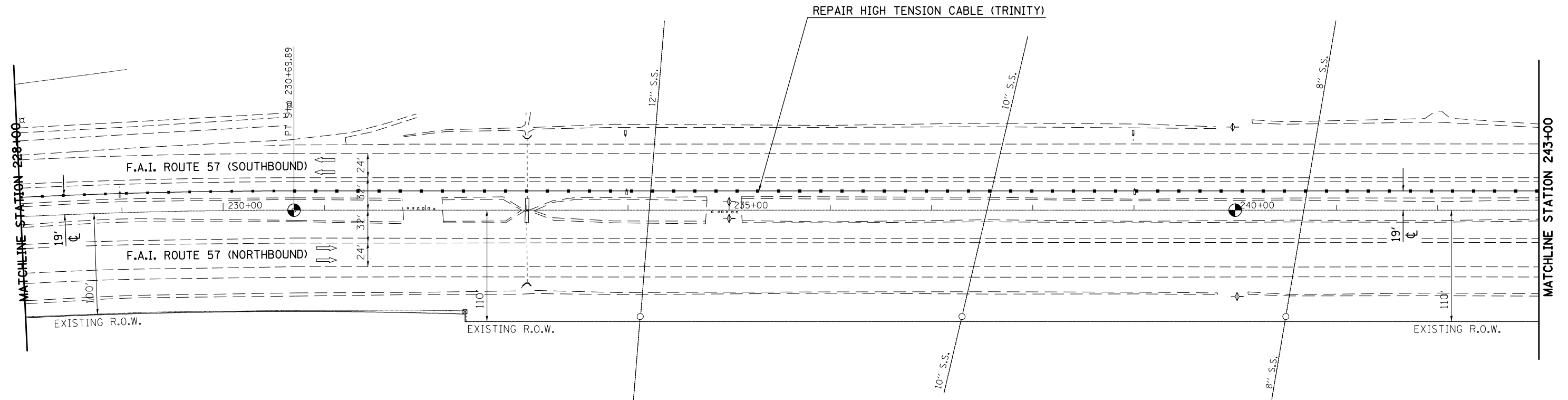
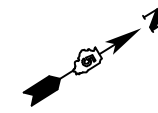
**LOCATION #2 PESOTUM**

SCALE: 1" = 50'    SHEET 4 OF 6 SHEETS    STA. 213+00 TO STA. 228+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	15
			CONTRACT NO. 70F78	
ILLINOIS FED. AID PROJECT				

\* 57 & 74  
\*\* CHAMPAIGN, DEWITT & DOUGLAS

# LOCATION #2



BM 4748-7  
 CHISELED SQUARE ON THE SOUTH END OF  
 THE EAST HEADWALL OF AR BOX CULVERT  
 STATION 232+99.27, 71.95 RT, ELEV 692.235

SEC. 16, T17N, R8E, 3rd PM

MODEL: \\MODEL\NAME  
 FILE: \\NAME: \\PROJECT\...

\* 57 & 74  
 \*\* CHAMPAIGN, DEWITT & DOUGLAS

USER NAME = plersonbr	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/19/2022	DATE -	REVISED -

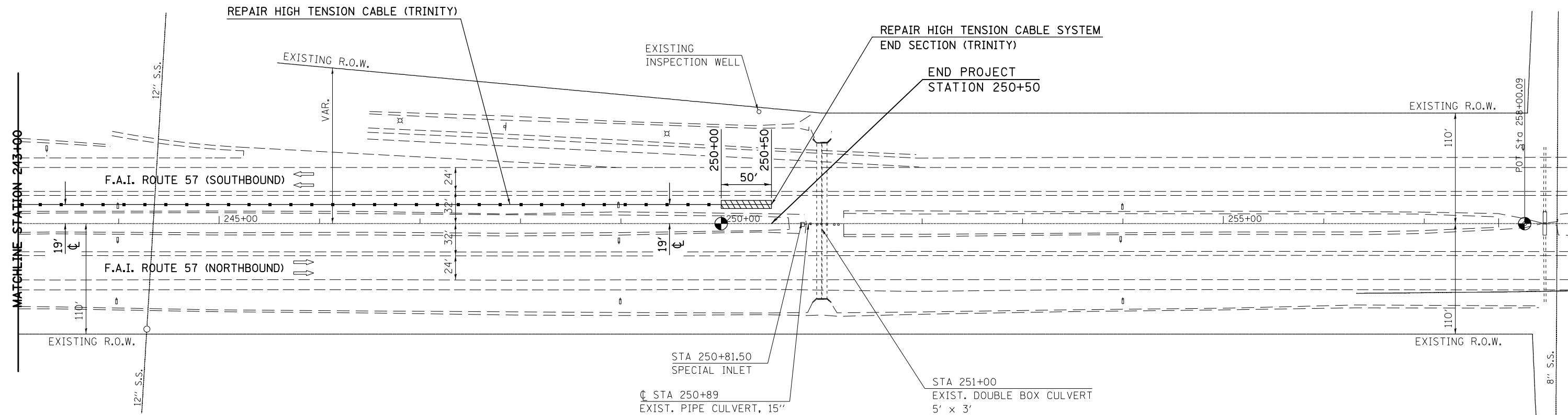
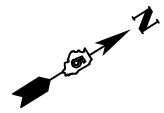
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LOCATION #2 PESOTUM**

SCALE: 1" = 50'    SHEET 5 OF 6 SHEETS    STA. 228+00 TO STA. 243+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	16
			CONTRACT NO. 70F78	
			ILLINOIS FED. AID PROJECT	

# LOCATION #2



BM 4748-8  
 CHISELED SQUARE LOCATED ON THE SOUTH END OF  
 THE EAST HEADWALL OF AR BOX CULVERT S.N. 8338  
 STATION 250+95.08, 75.09 RT, ELEV 690.801

SEC. 16, T17N, R8E, 3rd PM

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 PLOT DATE: 1/19/2022

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PLOT DATE = 1/19/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LOCATION #2 PESOTUM**  
 SCALE: 1" = 50' SHEET 6 OF 6 SHEETS STA. 243+00 TO STA. 258+00

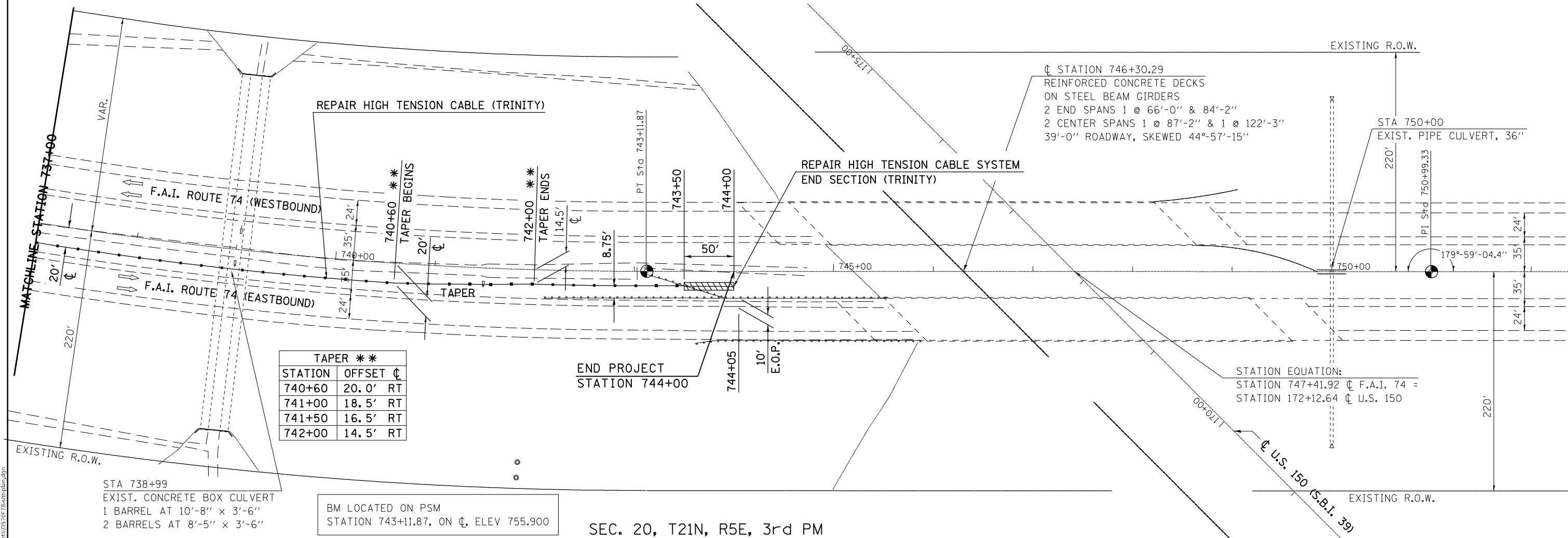
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	17
CONTRACT NO. 70F78				
ILLINOIS FED. AID PROJECT				

\* 57 & 74  
 \*\* CHAMPAIGN, DEWITT & DOUGLAS





# LOCATION #3



TAPER **		
STATION	OFFSET	CL
740+60	20.0'	RT
741+00	18.5'	RT
741+50	16.5'	RT
742+00	14.5'	RT

BM LOCATED ON PSM  
STATION 743+11.87, ON CL, ELEV 755.900

SEC. 20, T21N, R5E, 3rd PM

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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/19/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

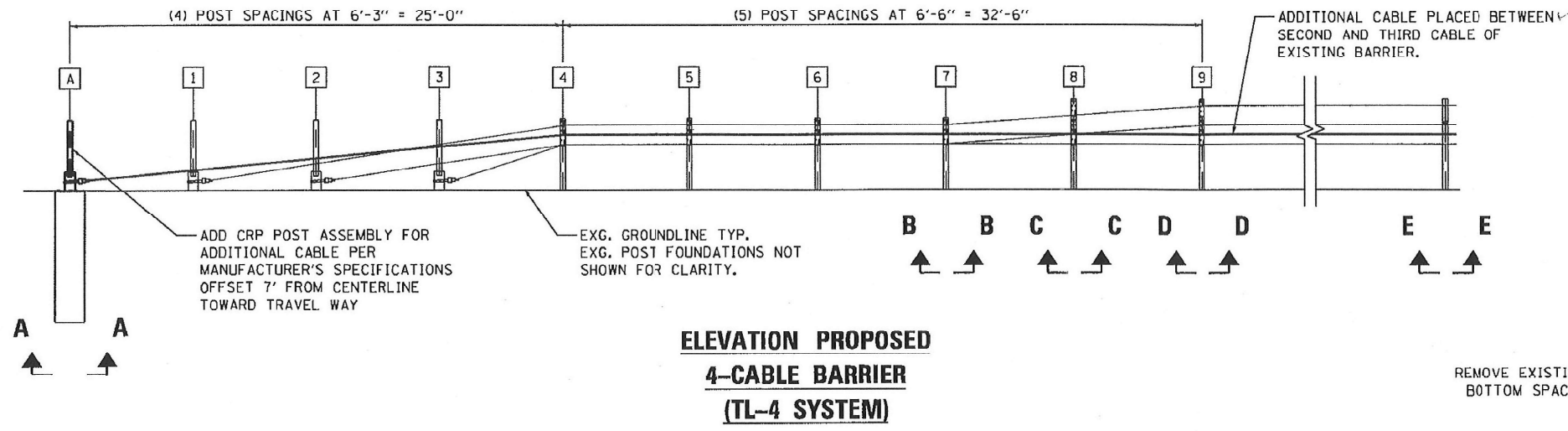
**LOCATION #3 FARMER CITY**

SCALE: 1" = 50'. SHEET 3 OF 3 SHEETS STA. 737+00 TO STA. 752+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	20
CONTRACT NO. 70F78				
ILLINOIS FED. AID PROJECT				

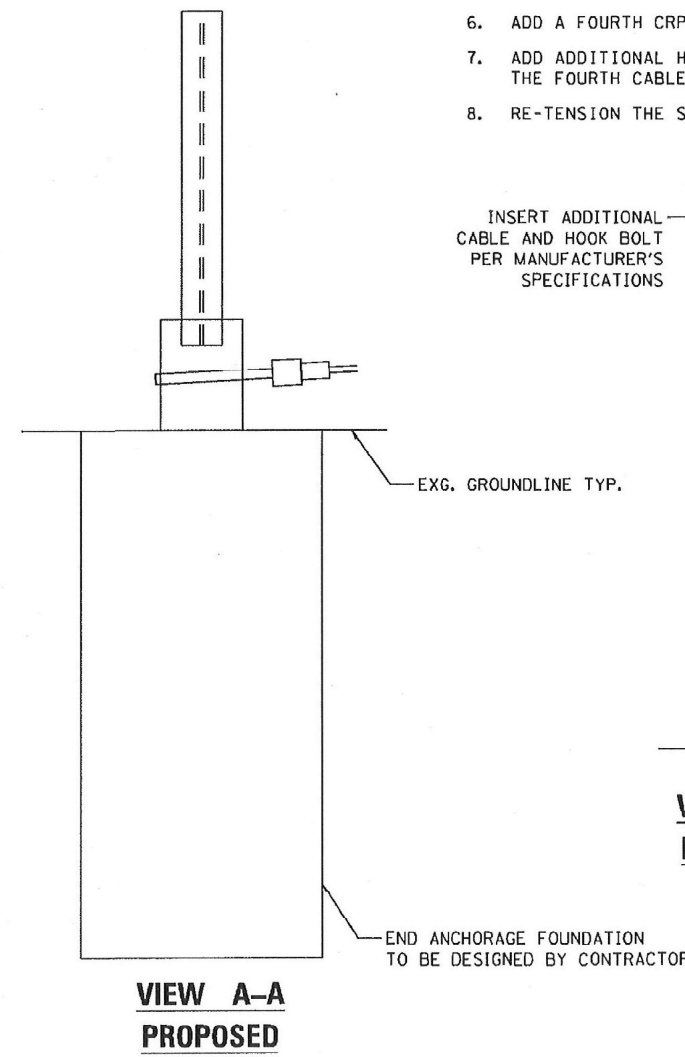
\* 57 & 74  
\*\* CHAMPAIGN, DEWITT & DOUGLAS



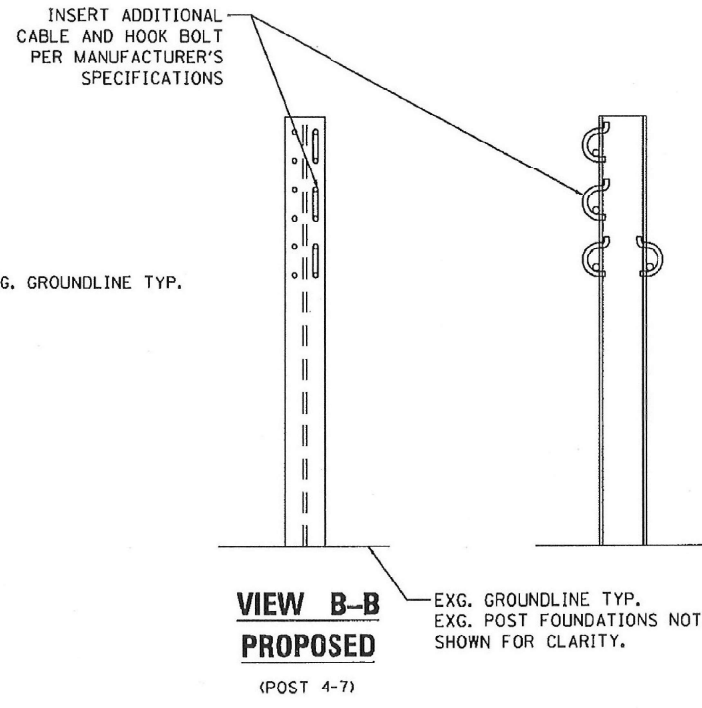


**ELEVATION PROPOSED**  
**4-CABLE BARRIER**  
**(TL-4 SYSTEM)**

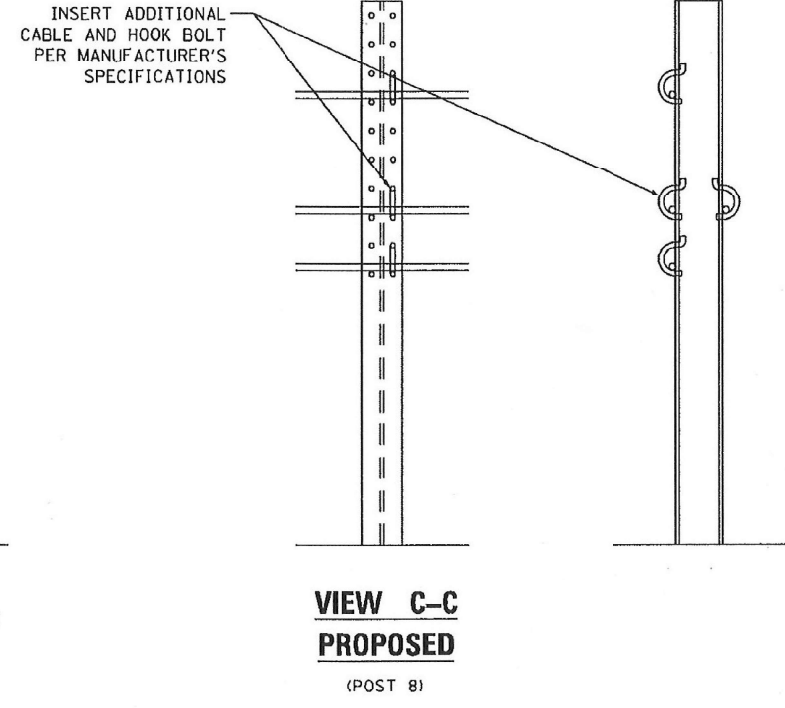
- NOTES:
1. INSPECT EXISTING SYSTEM FOR DAMAGED MATERIAL IN COORDINATION WITH RESIDENT ENGINEER. REQUIRED REPAIRS SHALL BE AUTHORIZED BY THE RESIDENT ENGINEER AND BASIS OF PAYMENT SHALL BE PER ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
  2. DE-TENSION THE EXISTING SYSTEM.
  3. REMOVE UPPER AND LOWER SPACERS AT EACH POST.
  4. REPLACE LOWER TL-4 SPACER WITH (2) TL-3 SPACERS.
  5. ADD A FOURTH CABLE BETWEEN THE (2) TL-3 SPACERS.
  6. ADD A FOURTH CRP POST (UPPER AND LOWER WITH ASSOCIATED HARDWARE).
  7. ADD ADDITIONAL HOOK BOLT AND NUT FOR CCT POSTS 4-9 TO ACCOMMODATE THE FOURTH CABLE
  8. RE-TENSION THE SYSTEM AFTER ALL WORK INCLUDING ANY REPAIRS IS COMPLETE.



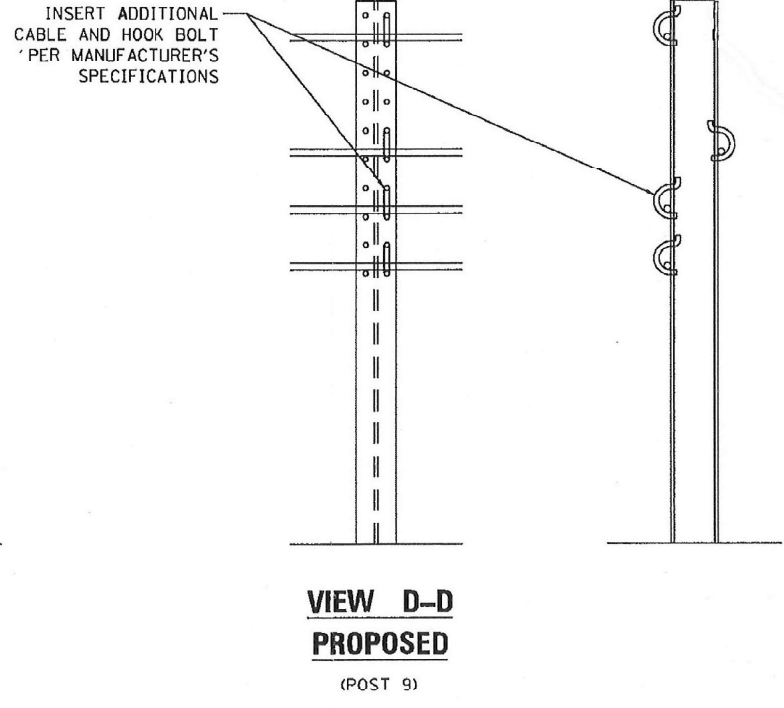
**VIEW A-A**  
**PROPOSED**  
 (CABLE RELEASE POST A  
 POSTS 1-3 SIMILAR)



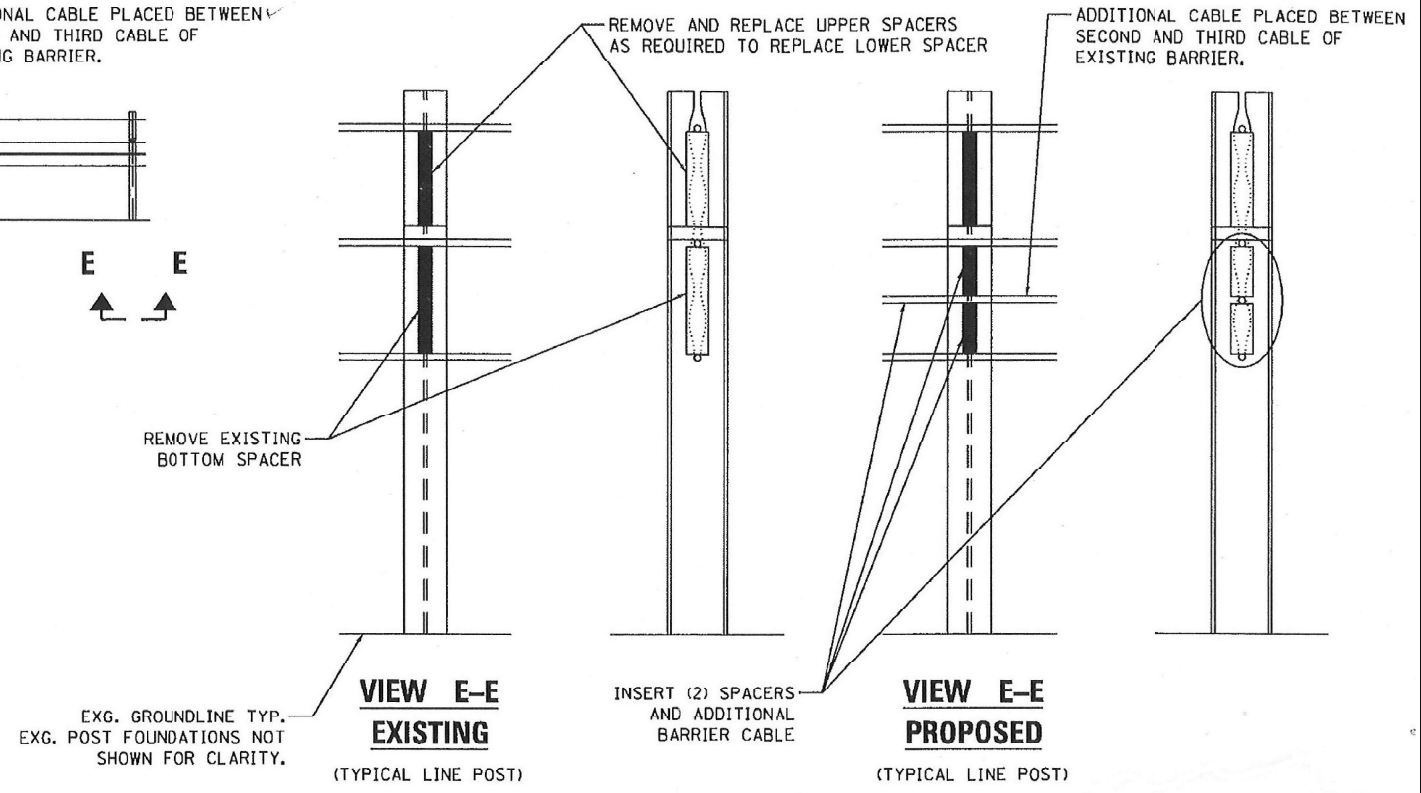
**VIEW B-B**  
**PROPOSED**  
 (POST 4-7)



**VIEW C-C**  
**PROPOSED**  
 (POST 8)



**VIEW D-D**  
**PROPOSED**  
 (POST 9)



**VIEW E-E**  
**EXISTING**  
 (TYPICAL LINE POST)

**VIEW E-E**  
**PROPOSED**  
 (TYPICAL LINE POST)

NOTE: SEE MANUFACTURER'S SPECIFICATIONS FOR FURTHER INFORMATION AND ADDITIONAL DETAILS.

\* 57 & 74  
 \*\* CHAMPAIGN, DEWITT & DOUGLAS

MODEL: I:\MODEL\NAME FILE: NAME.dwg PLOT DATE: 1/19/2022

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PLOT DATE = 1/19/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**HIGH TENSION MODIFICATION DETAIL**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D5 GR 2022-1	**	21	21
CONTRACT NO. 70F78				
ILLINOIS FED. AID PROJECT				