

03-08-13 LETTING ITEM 105

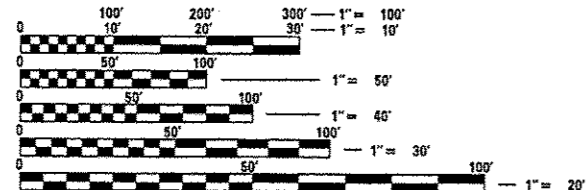
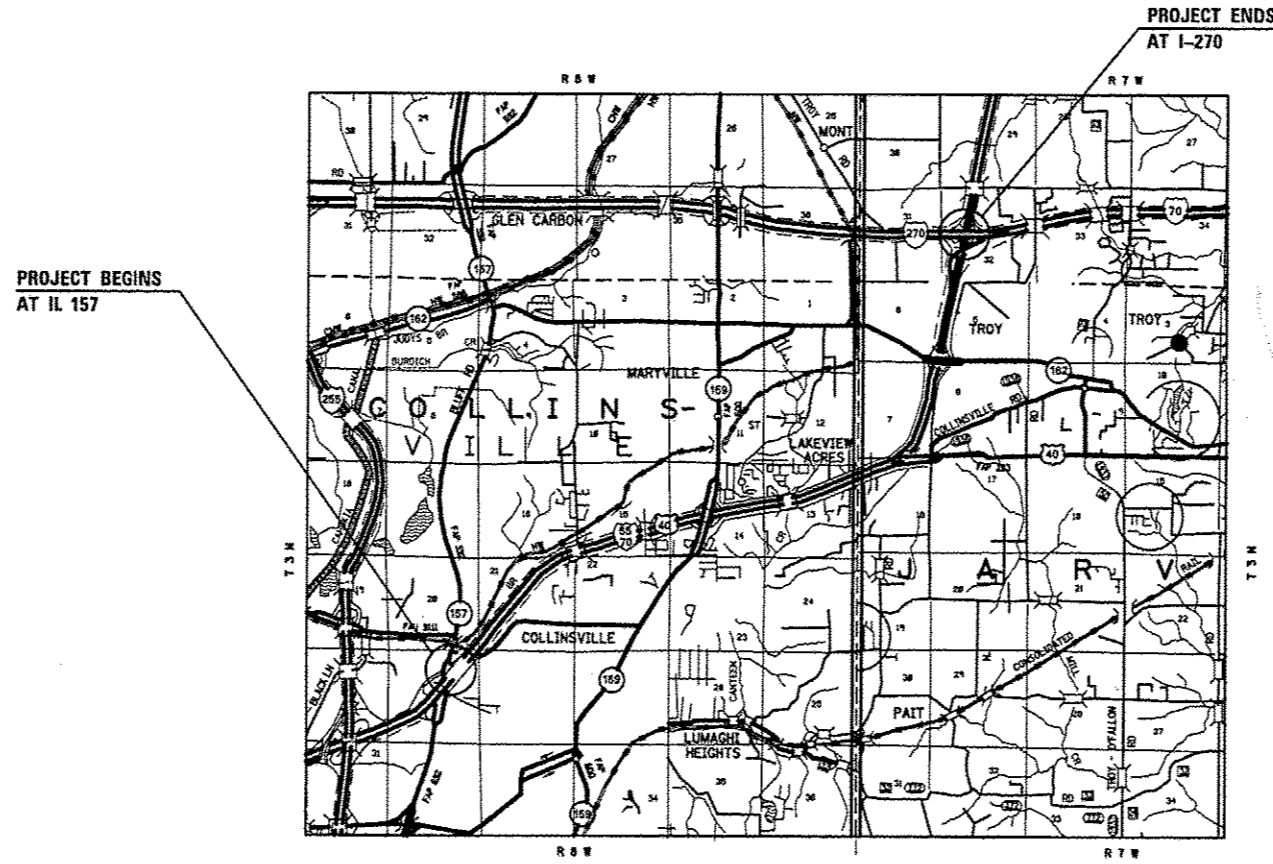
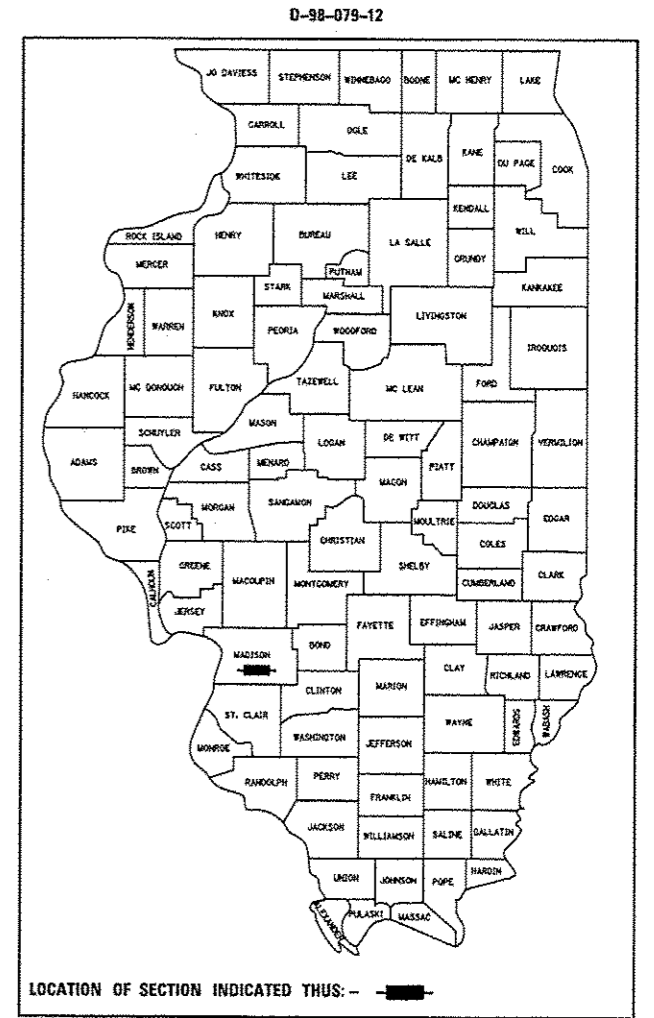
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 55/70 (I-55/70)  
SECTION 60-(7,8,9,10)J-1  
INSTALLATION OF STEEL PLATE BEAM  
GUARDRAIL AND ATTENUATORS  
MADISON COUNTY  
PROJECT HSIP-000S(916)  
C-98-088-12

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55/70	60-(7,8,9,10)J-1	MADISON	14	1
		ILLINOIS	CONTRACT NO. 76F96	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

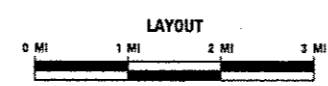


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: TIM PADGETT (618) 346-3325  
PROJECT MANAGER: HERVE GELIN (618) 346-3323

CONTRACT NO. 76F96



GROSS LENGTH = 56000.00 FT. = 10.606 MILES  
NET LENGTH = 3547.00 FT. = 0.672 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED December 13 20 12

*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Feb 1 20 13  
*John D. Baranzelli, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

Feb 1 20 13  
*Omer Osman, P.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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## INDEX OF SHEETS

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4. SUMMARY OF QUANTITIES
5. - 6. SCHEDULE OF QUANTITIES
5. - 6. ALIGNMENT & SHEET LAYOUT
7. - 14. PLAN SHEETS

## HIGHWAY STANDARDS

000001-06  
001006  
280001-07  
630001-10  
631011-09  
635006-03  
635011-02  
643001-01  
701101-03  
701400-06  
701406-06  
701901-02

## COMMITMENTS

NONE

## GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - AMEREN ILLINOIS
  - AT&T ILLINOIS
  - AT&T CORPORATION
  - BOND MADISON WATER COMPANY
  - VILLAGE OF CASEYVILLE
  - CENTERPOINT ENERGY
  - CHARTER COMMUNICATIONS, INC.
  - CITY OF COLLINSVILLE
  - ILLINOIS AMERICAN WATER COMPANY
  - KINDER MORGAN
  - VILLAGE OF MARYVILLE
  - SOUTHWESTERN ELECTRIC COOPERATIVE, INC
  - CITY OF TROY
  - WINDSTREAM KOL, INC.

MEMBERS OF J.U.L.I.E (800) 892-0123 ARE INDICATED BY \*. NON-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

4. IF THE CONTRACTOR, FOR HIS CONSTRUCTION ACTIVITY, REMOVES TREES WITHIN THE RIGHT-OF-WAY LIMITS WHICH ARE NOT DESIGNATED ON THE PLANS FOR REMOVAL, I.E. IN ORDER TO GAIN ACCESS TO THE PROJECT SITE; IT WILL BE HIS RESPONSIBILITY TO REPLACE THE TREES AT A 1:1 RATIO. THE TREES WILL BE REPLACED WITH A 1 GALLON NATIVE ILLINOIS TREE SPECIES AND SHALL BE APPROVED BY THE ENGINEER. THE TREE REMOVAL AND TREE REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
6. THE TRAFFIC DATA FOR THIS PROJECT IS AS FOLLOWS:

LOCATIONS	IL 157 TO IL 159	IL 159 TO US 40	US 40 TO IL 162	IL 162 TO I-270
ADT (2013)	40,500	41,900	32,000	37,200
ADT (2033)	49,400	51,100	39,000	45,400
SU	2.4%	2.4%	2.6%	2.6%
MU	17.9%	20.0%	23.9%	23.3%

## EROSION CONTROL & SEDIMENT CONTROL NOTES

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

TEMPORARY SEEDING SHALL BE COMPLETED ON A WEEKLY BASIS ON EXPOSED GROUND AND SHALL BE PAID FOR AS "TEMPORARY EROSION CONTROL SEEDING" AND NO OTHER PAYMENT WILL BE PERMITTED. FOR CALCULATION PURPOSES, TWO APPLICATIONS OF TEMPORARY SEEDING WERE ASSUMED.

ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDDED AT THE CONTRACTOR'S EXPENSE

CLASS 2 SEEDING IS TO BE PLACED AS SOON AS EARTHWORK IS COMPLETED.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.

FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE.

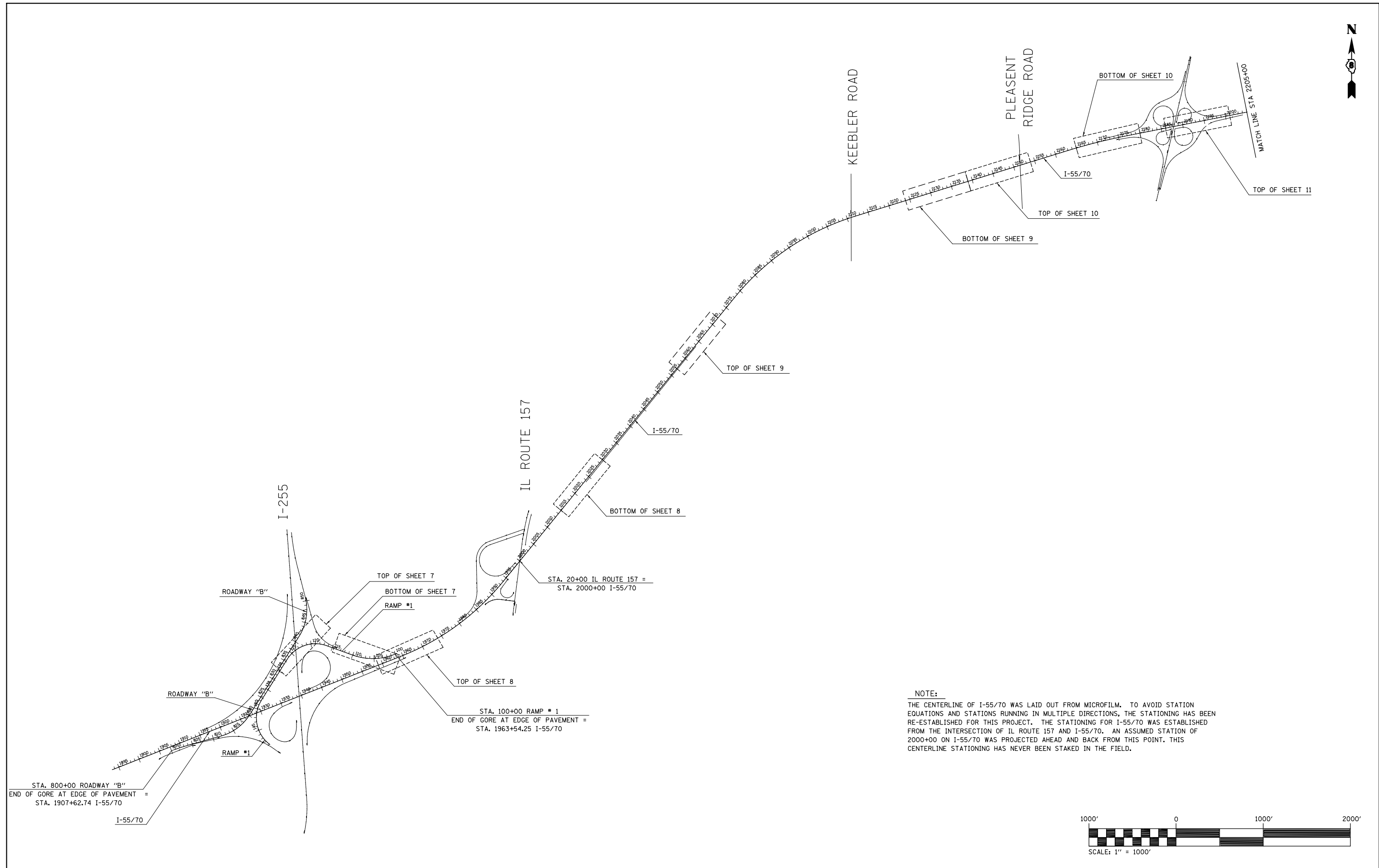
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#MODELNAME#	PLOT SCALE * #SCALE*	CHECKED -	REVISED -			SCALE: N/A		SHEET 1 OF 1 SHEETS		CONTRACT NO. 76F96	
	PLOT DATE * #DATE*	DATE -	REVISED -			STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				90% FED. 10% STATE URBAN ROADWAY	0021 NONE
25000200	SEEDING, CLASS 2	ACRE	0.75	0.75	
25100115	MULCH, METHOD 2	ACRE	0.75	0.75	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	3488	3488	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	19	19	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	19	19	
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	5	5	
67100100	MOBILIZATION	L SUM	1	1	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1	
78200410	GUARDRAIL MARKERS, TYPE A	EACH	73	73	
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	19	19	
X0326677	REMOVE HIGH TENSION CABLE MEDIAN BARRIER	FOOT	1825	1825	
Z0029654	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	14	14	

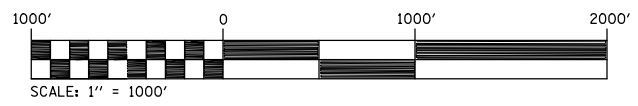
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FILE NAME :	USER NAME * #USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F. A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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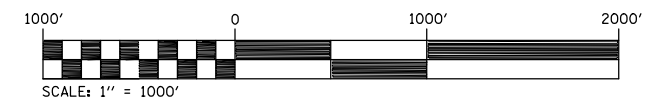
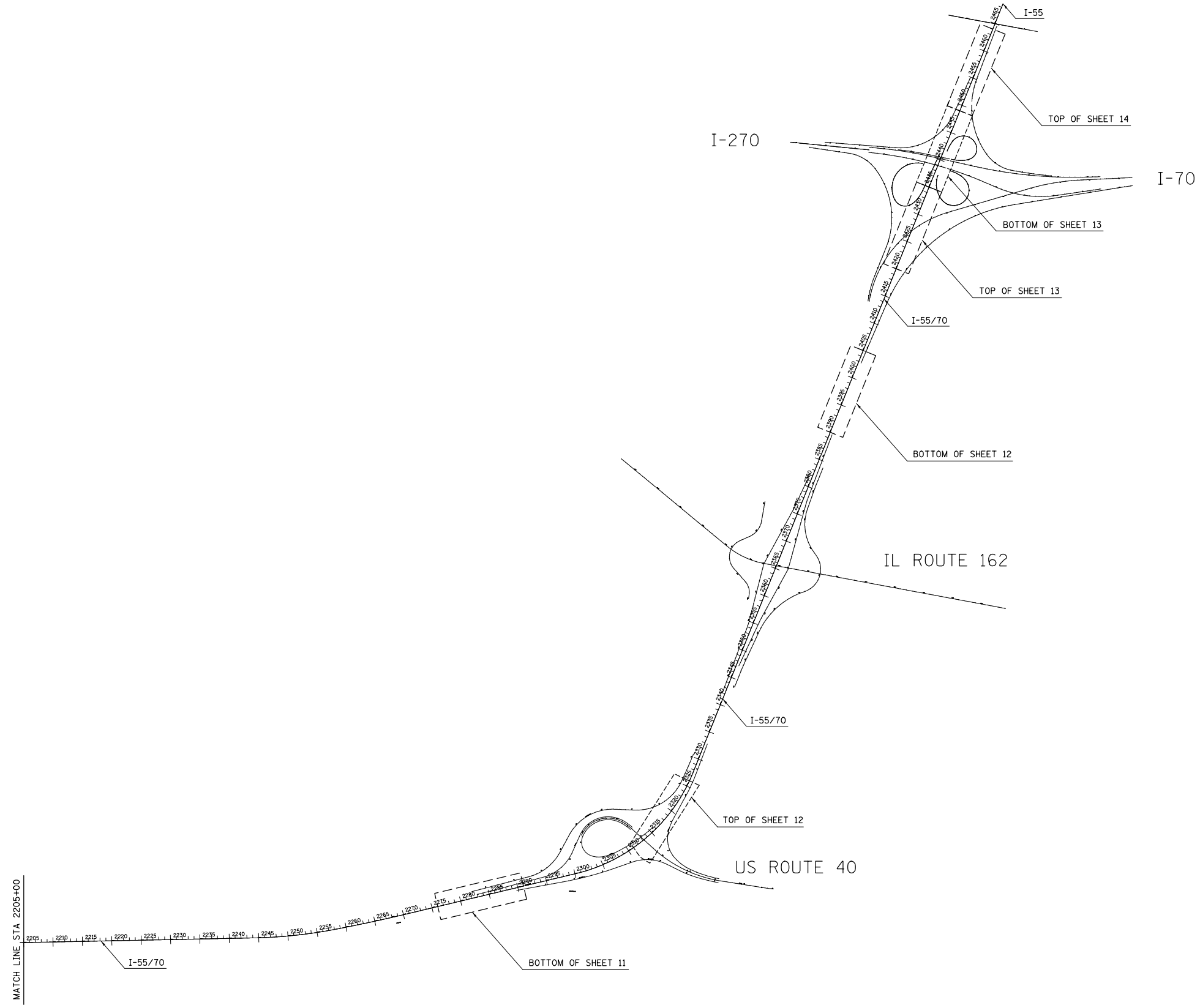
BARRIER SCHEDULE SCHEDULE								
STATION OF HAZARD	STEEL PLATE BEAM GUARDRAIL TYPE A	TRAFFIC BARRIER TERMINAL TYPE 2	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL)	GUARDRAIL MARKERS TYPE A	TERMINAL MARKERS DIRECTLY APPLIED	IMPACT ATTENUATOR (NON-REDIRECTIVE) TEST LEVEL 3	REMOVE HIGH TENSION CABLE MEDIAN BARRIER	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS
	FOOT	EACH	EACH	EACH	EACH	EACH	FOOT	EACH
ROADWAY "B"								
838+12.09	325.0	1	1	6	1			
RAMP #1								
107+10.00	325.0	2	2	7	2			
122+43.51	287.5	1	1	5	1			
I-55/70								
1967+55.00	225.0	1	1	4	1			
2023+18.00	62.5	1	1	3	1		148.12	2
2065+12.00	200.0	1	1	4	1		285.62	2
2130+43.00	175.0	1	1	4	1			
2144+52.00	150.0	1	1	3	1			
2151+39.00						1		
2173+14.00	162.5	1	1	4	1			
2188+37.00						1		
2196+71.00	175.0	1	1	4	1		260.62	2
2282+56.00	137.5	1	1	3	1		223.13	2
2289+56.00	112.5	1	1	3	1	1		
2312+90.00						1		
2322+67.00	200.0	1	1	4	1	1		
2396+64.00	162.5	1	1	4	1			
2426+62.00	212.5	1	1	4	1		298.13	2
2438+70.00	287.5	1	1	5	1		373.13	2
2450+07.00	287.5	2	2	6	2		235.63	2
TOTAL	3487.5	19	19	73	19	5	1825.0	14



**NOTE:**  
 THE CENTERLINE OF I-55/70 WAS LAID OUT FROM MICROFILM. TO AVOID STATION EQUATIONS AND STATIONS RUNNING IN MULTIPLE DIRECTIONS, THE STATIONING HAS BEEN RE-ESTABLISHED FOR THIS PROJECT. THE STATIONING FOR I-55/70 WAS ESTABLISHED FROM THE INTERSECTION OF IL ROUTE 157 AND I-55/70. AN ASSUMED STATION OF 2000+00 ON I-55/70 WAS PROJECTED AHEAD AND BACK FROM THIS POINT. THIS CENTERLINE STATIONING HAS NEVER BEEN STAKED IN THE FIELD.



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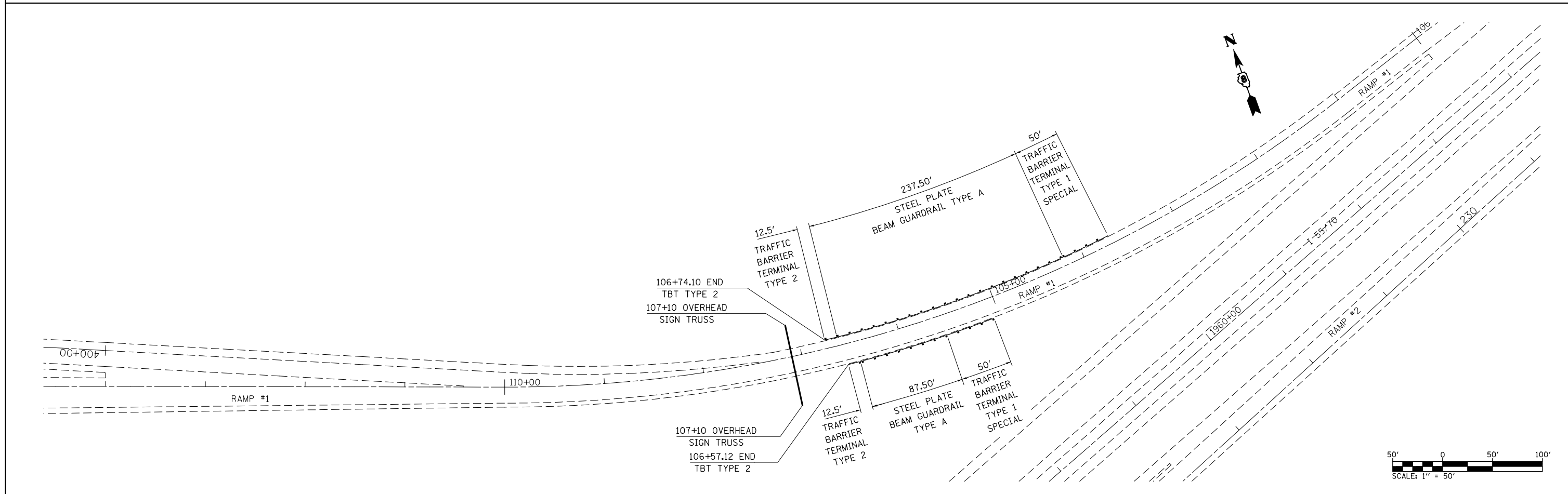
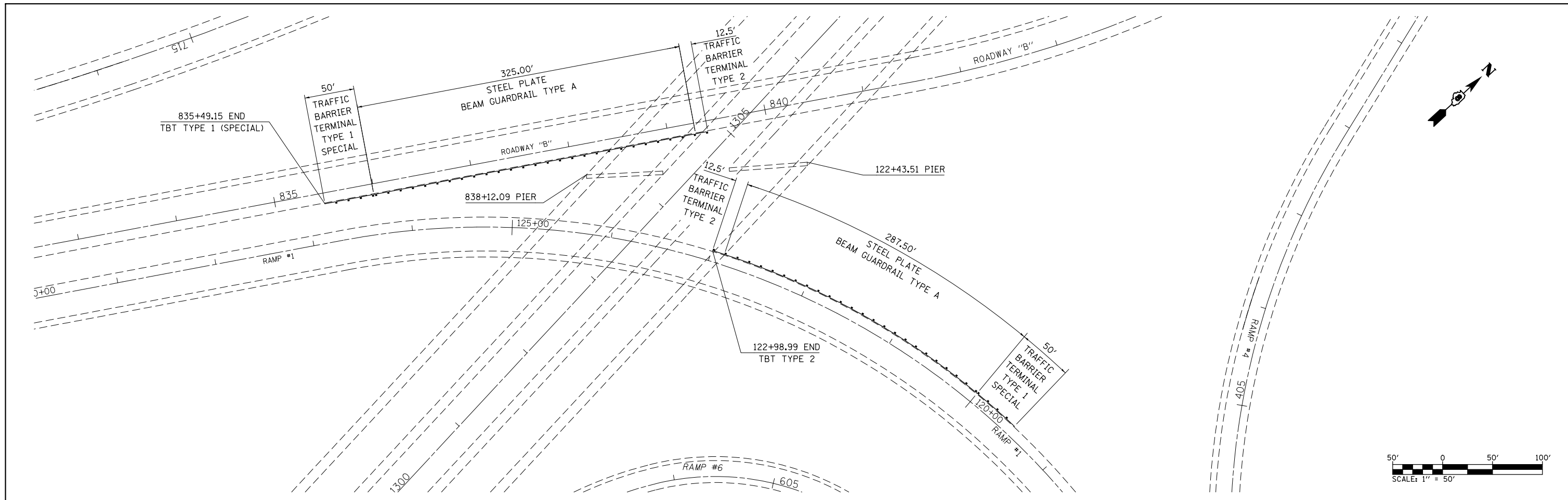
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

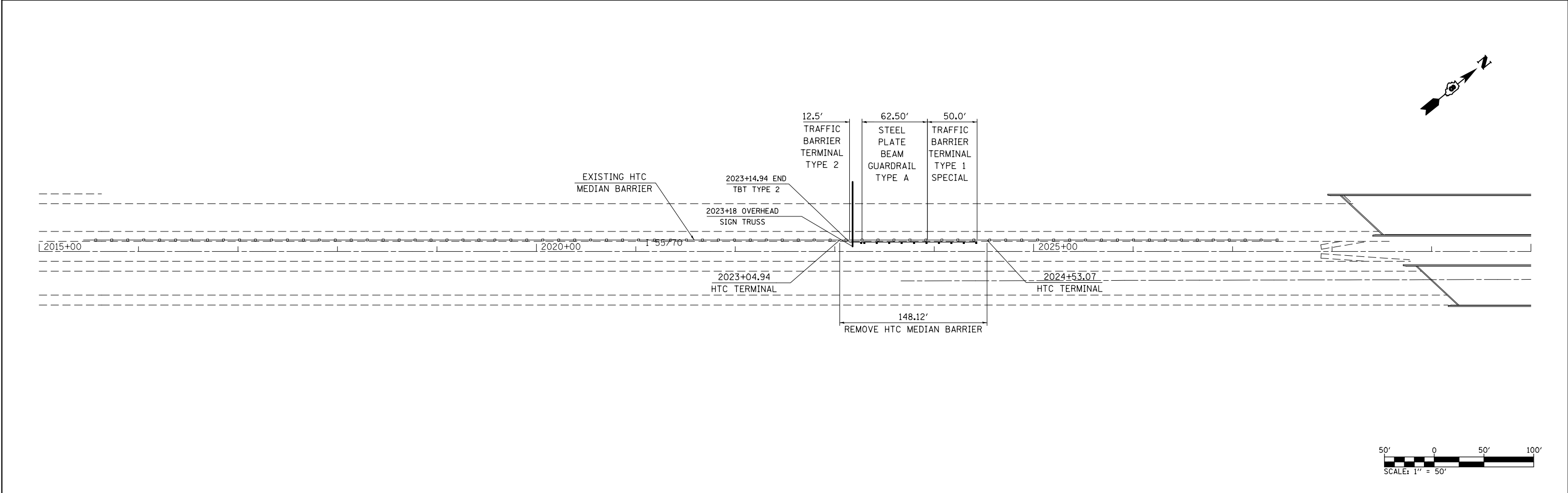
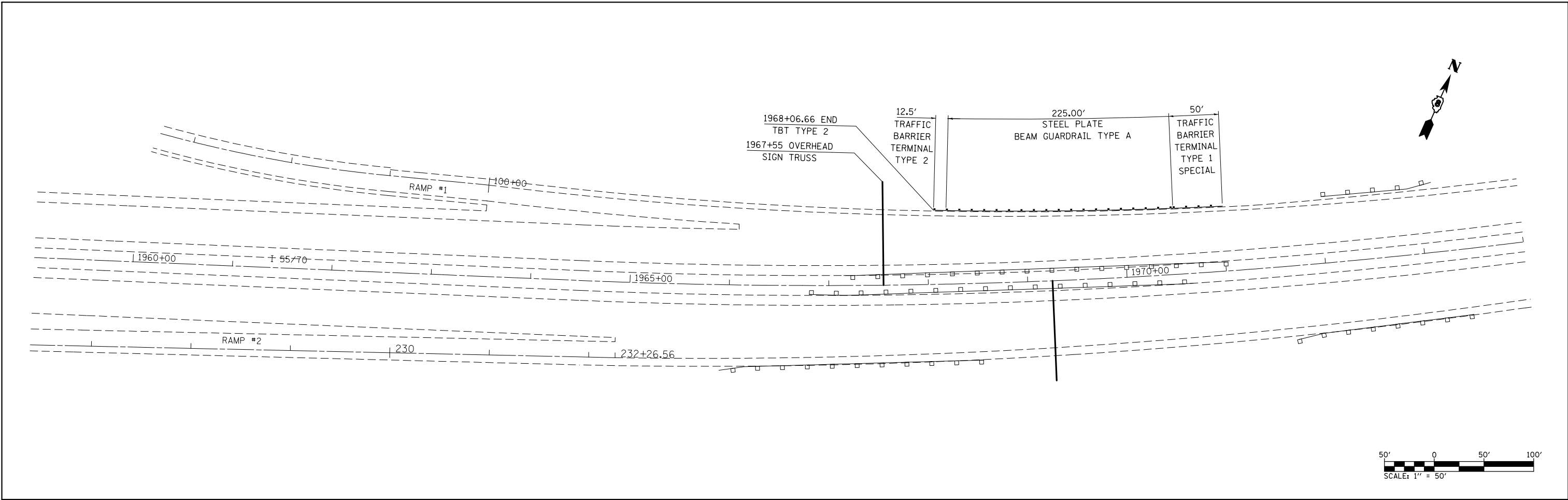
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F.A. I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(7,8,9,10)J-1	MADISON	14	6
CONTRACT NO. 76F96				
ILLINOIS FED. AID PROJECT				



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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



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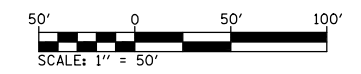
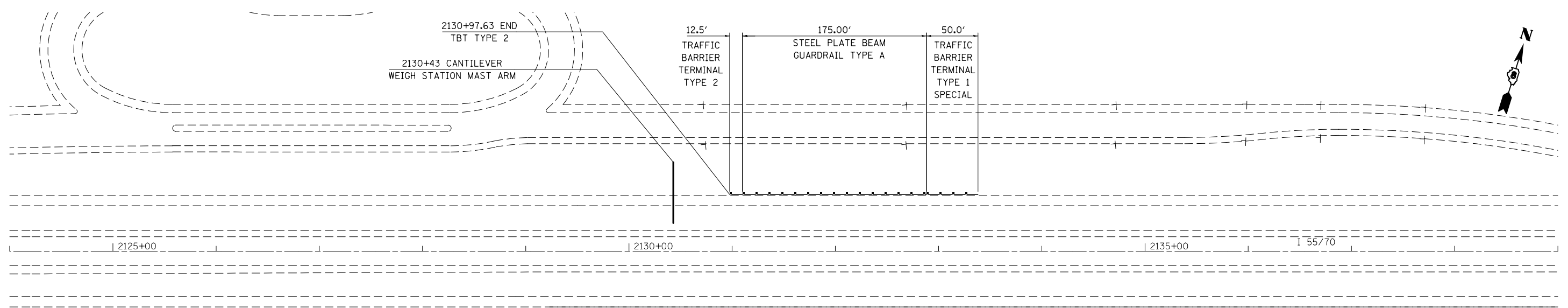
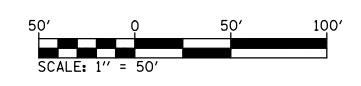
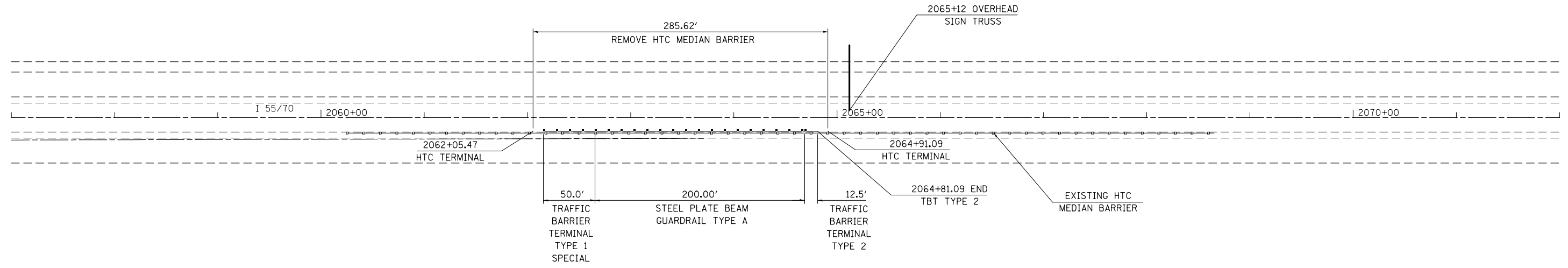
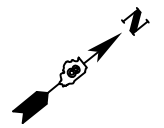
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 55/70  
PLAN SHEETS**

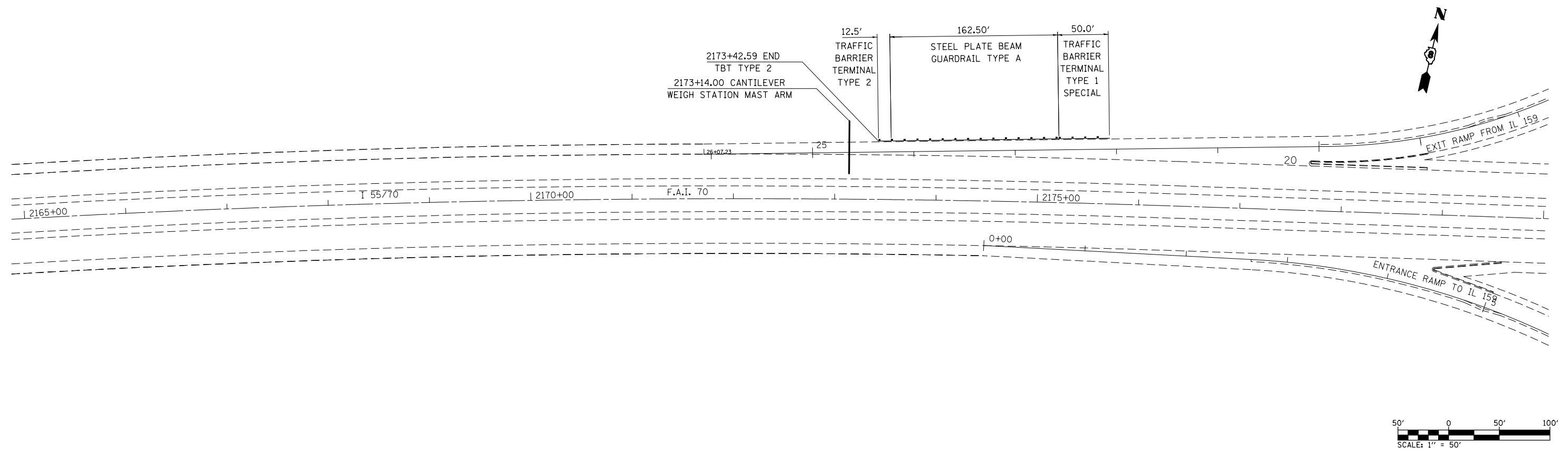
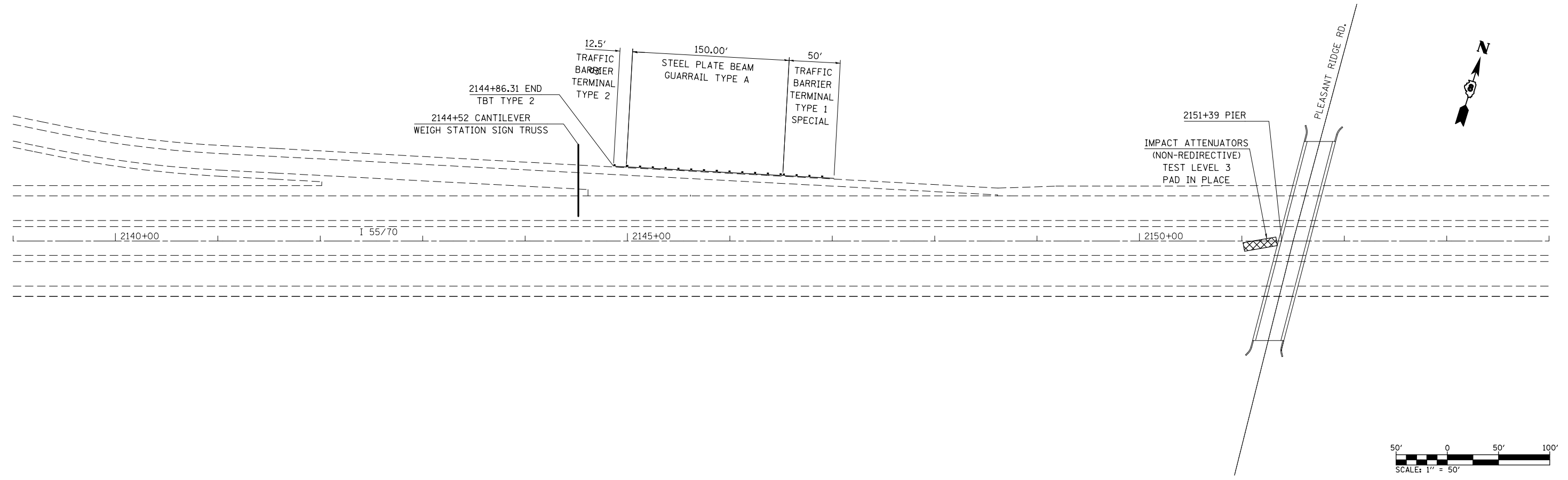
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(7,8,9,10)J-1	MADISON	14	8
CONTRACT NO. 76F96			ILLINOIS FED. AID PROJECT	

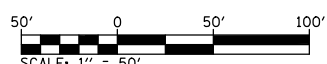
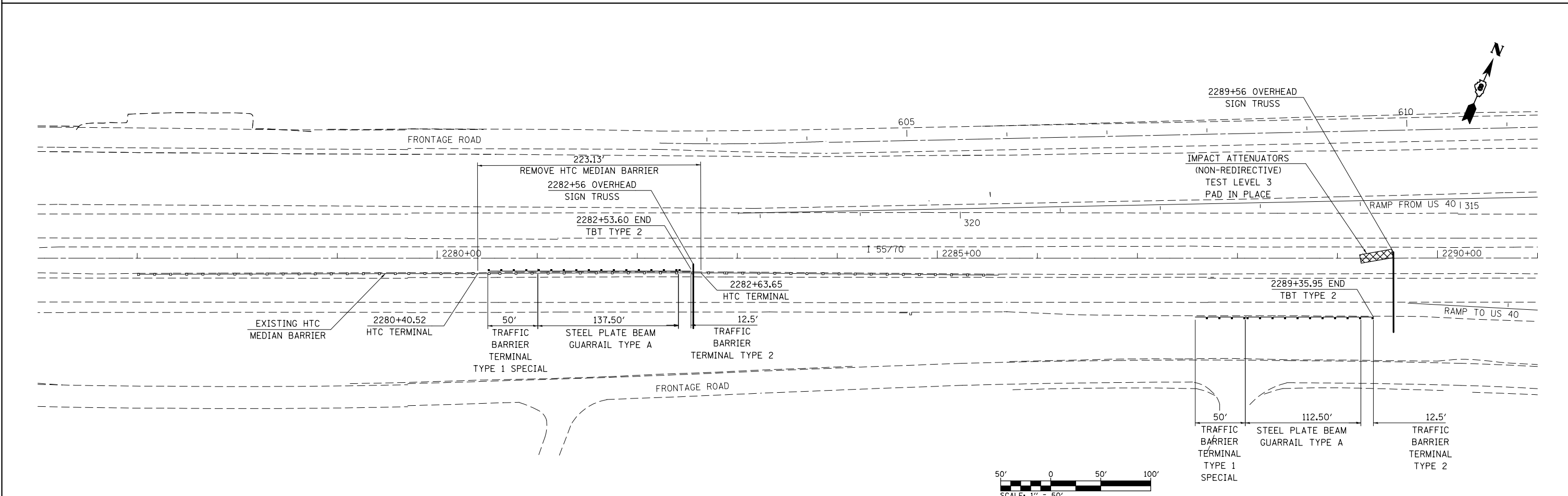
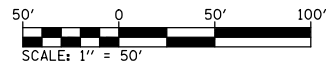
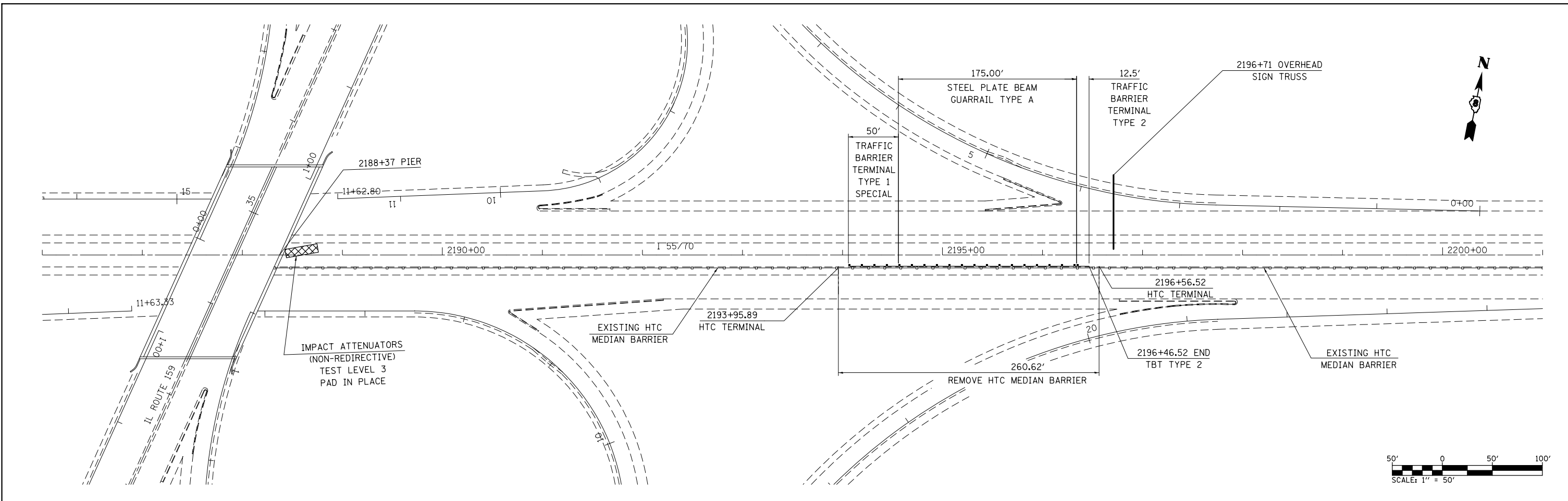




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		DATE -	REVISED -										



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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

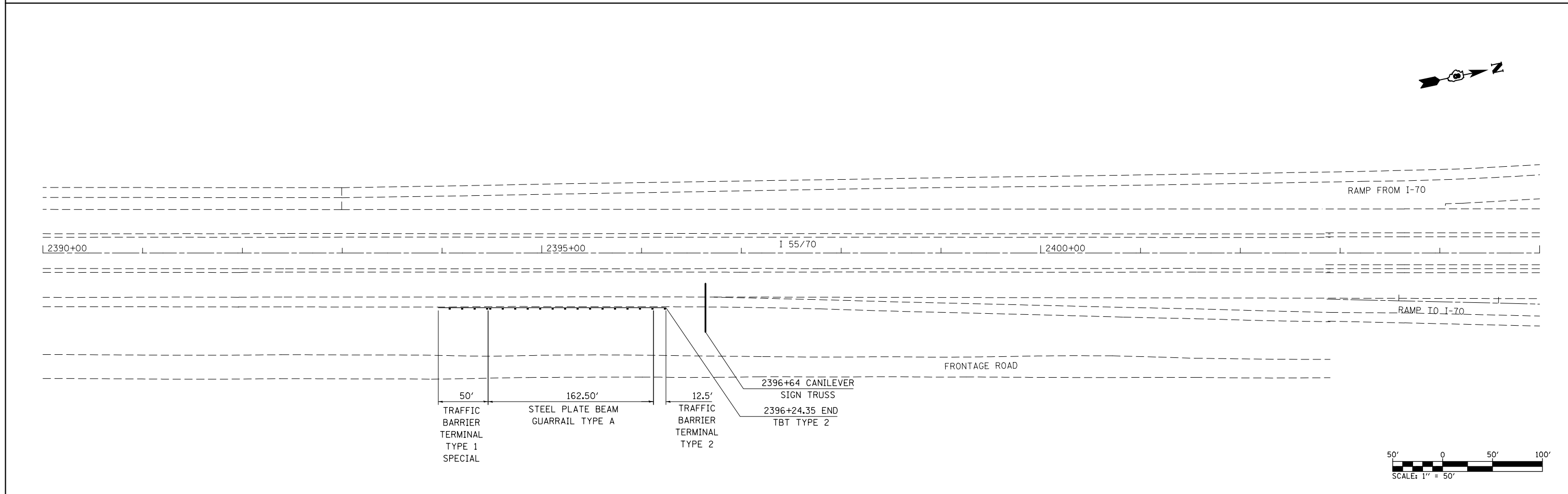
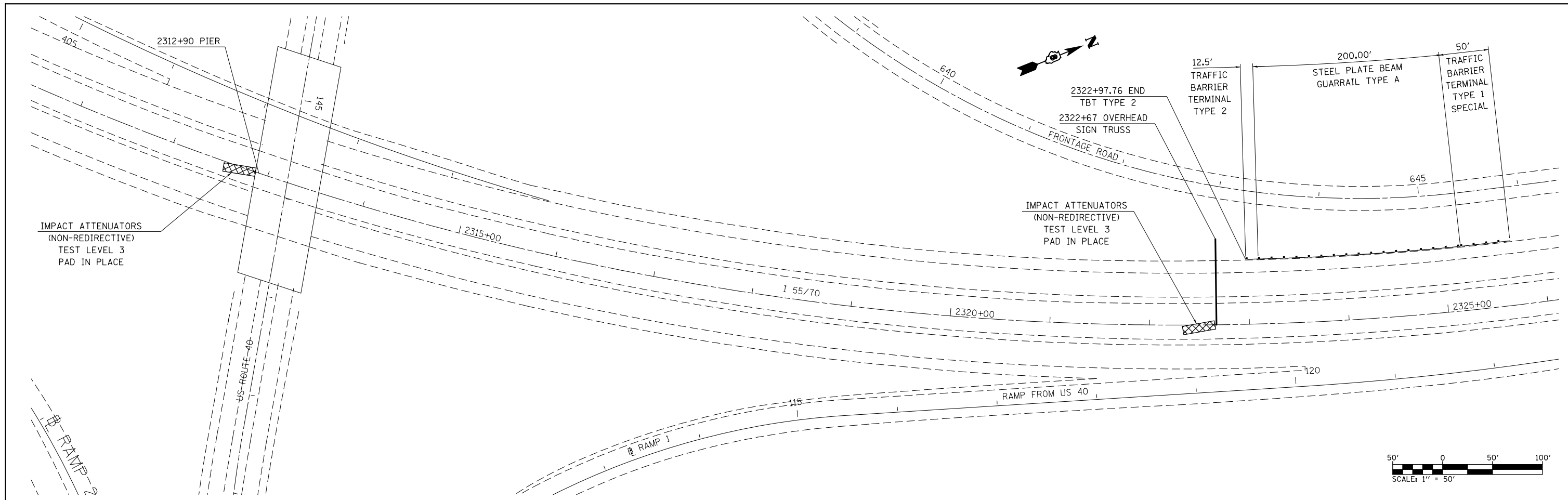


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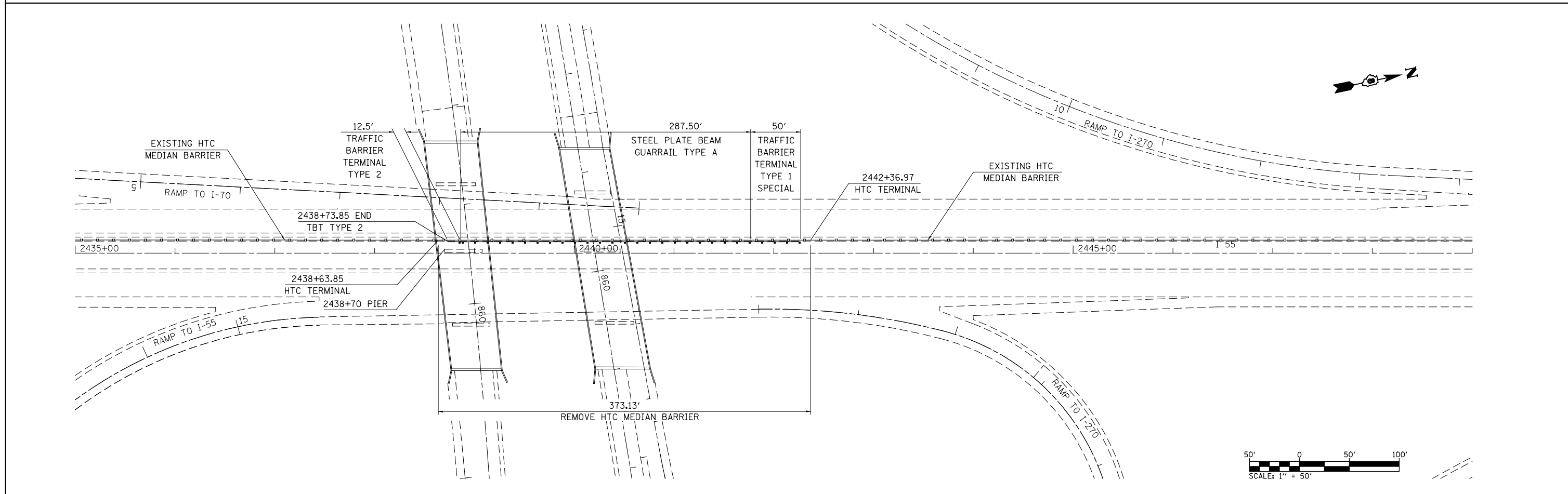
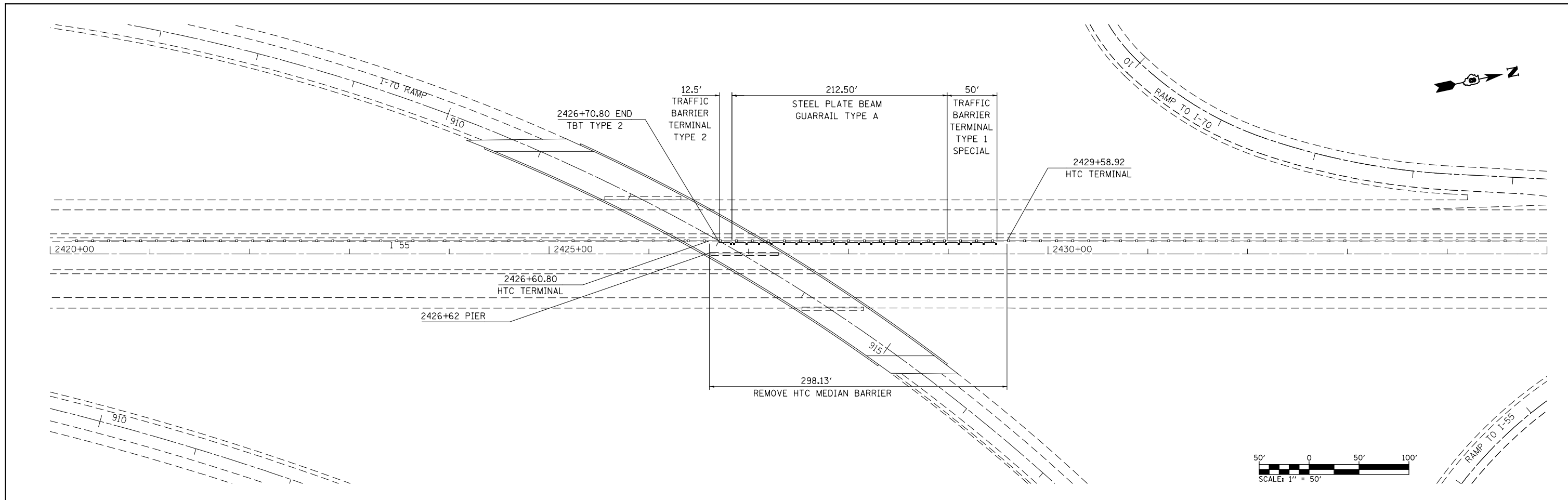
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL ROUTE 55/70 PLAN SHEETS</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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SCALE:	SHEET 5 OF 8 SHEETS	STA.	TO STA.		CONTRACT NO. 76F96	

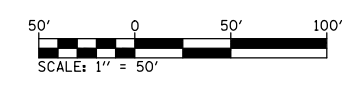
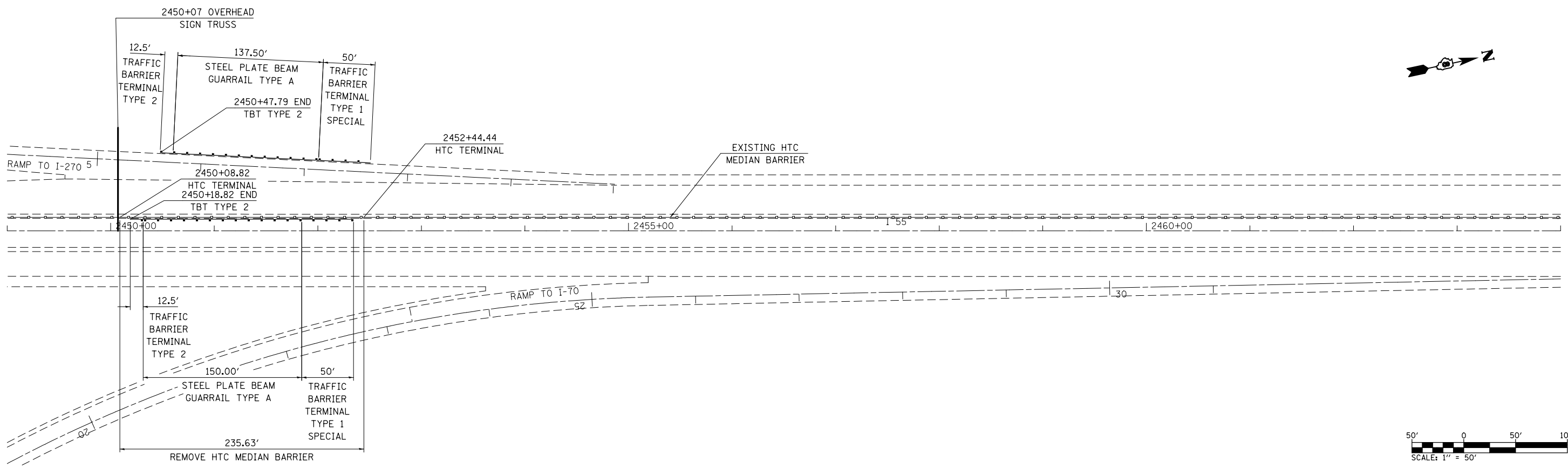
ILLINOIS FED. AID PROJECT	
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*FILEL*		DRAWN -	REVISED -			55	60-(7,8,9,10)J-1	MADISON	14	12	
*MODELNAME*		CHECKED -	REVISED -			CONTRACT NO. 76F96			ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -			SCALE:	SHEET 6 OF 8 SHEETS	STA.	TO STA.		



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*MODELNAME*		CHECKED -	REVISED -									
		DATE -	REVISED -									
							CONTRACT NO. 76F96		ILLINOIS FED. AID PROJECT			



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -
*FILEL*		DRAWN -	REVISED -
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -
*MODELNAME*	PLOT DATE = *DATE*	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 55/70  
PLAN SHEETS**

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	60-(7,8,9,10)J-1	MADISON	14	14
CONTRACT NO. 76F96			ILLINOIS FED. AID PROJECT	