3-6-09 Letting, Item 064

FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 76C31		

• FAI 255/FAP 310

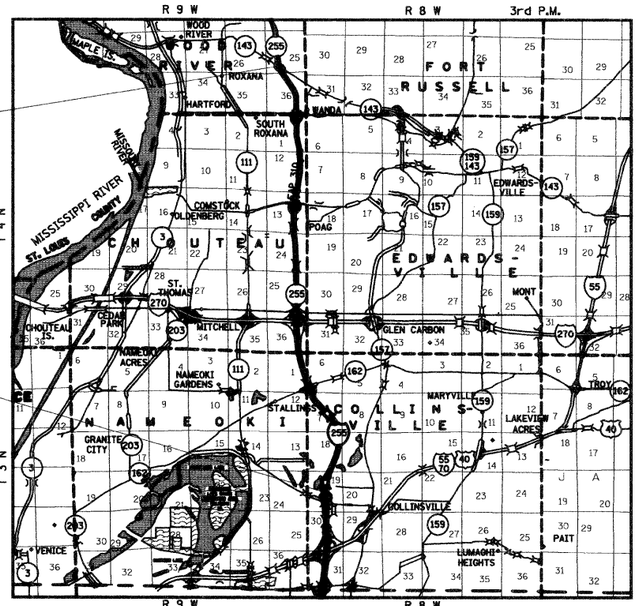
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

FAI ROUTE 255 / FAP ROUTE 310
SECTION 60-(8,9,10,11)J
PROJECT: HSIP-255-6(100)006
MADISON COUNTY
GUARDRAIL REPLACEMENT
C-98-105-08

SECTION 60-(8,9,10,11)J
ENDS STA 1950+00.00
LATITUDE: 38.850388
LONGITUDE: -90.051730

SECTION 60-(8,9,10,11)J
BEGINS STA 1370+00.00
LATITUDE: 38.690838
LONGITUDE: -90.030712



LOCATION MAP

N

0 2 4
GRAPHIC SCALE IN MILES

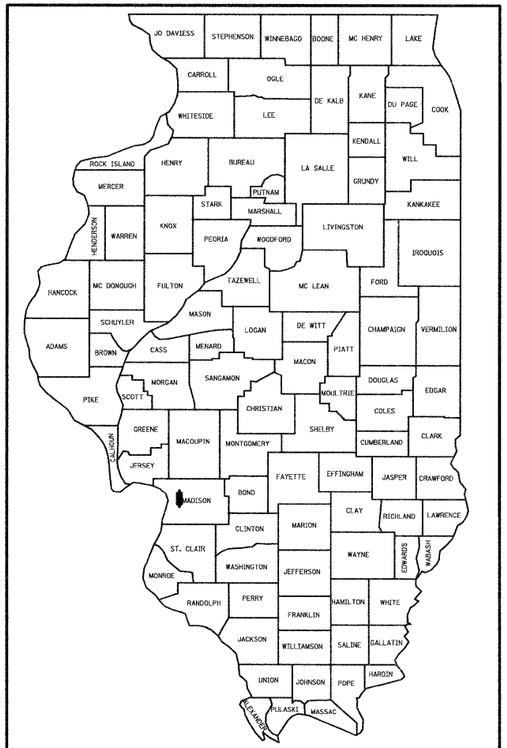
CHOUTEAU, NAMEOKI, COLLINSVILLE, EDWARDSVILLE AND WOOD RIVER TOWNSHIPS

GROSS LENGTH OF SECTION = 58,000.00 FT = 10.98 MILES
NET LENGTH SECTION = 58,000.00 FT = 10.98 MILES

DESIGN DESIGNATION

FAI ROUTE 255	INTERSTATE
ADT 45,200 (2009)	12.1% TRUCKS
FAP ROUTE 310	OTHER PRINCIPAL ARTERIAL
ADT 29,000 (2009)	11.6% TRUCKS

D-98-111-08



LOCATION OF SECTION INDICATED THUS: –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Dec 11 20 08
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

January 30 20 09
Charles J. Ingersoll /D
ENGINEER OF DESIGN AND ENVIRONMENT

January 30, 20 09
Christine M. Reed /D
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

100' 200' 300' — 1" = 100'
0 10' 20' 30' — 1" = 10'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 30'
0 50' 100' — 1" = 20'

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: PATTI LEBEAU (618) 346-3179
PROJECT MANAGER: CHERYL KEPLAR (618) 346-3186

CONTRACT NO. 76C31

LICENSED PROFESSIONAL ENGINEER
BRIAN R. MUELLER
062-052018
STATE OF ILLINOIS

Brian R. Mueller
ILLINOIS PROFESSIONAL ENGINEER NO. 062-052018 DATE 12-9-08
EXP. 11-30-2009

BERNARDIN * LOCHMUELLER & ASSOCIATES, INC.
3 OAK DRIVE
MARYVILLE, ILLINOIS 62062
PHONE (618) 288-4665
FAX (618) 288-4666

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GENERAL NOTES

1. IT IS THE GENERAL INTENT FOR THIS PROJECT TO REMOVE AND REPLACE ALL WEATHERING STEEL GUARDRAIL INSTALLATIONS. ALL REPLACEMENT GUARDRAIL AND TERMINALS SHALL CONFORM TO SECTIONS 630 AND 631 OF THE STANDARD SPECIFICATIONS

2. 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. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

•AMEREN IP	GAS & ELECTRIC
•AMEREN UE	ELECTRIC
•AT&T ILLINOIS	COMMUNICATIONS
•AT&T CORPORATION	COMMUNICATIONS
•BUCKEYE PARTNERS, L.P.	PIPELINE
•CENTERPOINT ENERGY	PIPELINE
•CHARTER COMMUNICATIONS , INC.	CABLE TV
•CITY OF COLLINSVILLE	WATER & SANITARY SEWER
•CONSOLIDATED COMMUNICATIONS	COMMUNICATIONS
•CITY OF EDWARDSVILLE	SANITARY SEWER
•EXPLORER PIPELINE COMPANY	PIPELINE
•VILLAGE OF GLEN CARBON	WATER & SANITARY SEWER
•ILLINOIS AMERICAN WATER COMPANY	WATER
•MARATHON PIPE LINE LLC	PIPELINE
•PAETEC/MCLEOD USA TELECOMMUNICATIONS, INC.	COMMUNICATIONS
•MADISON COUNTY SPECIAL SERVICE AREA #1	SANITARY SEWER
•MITCHELL PUBLIC WATER DISTRICT	WATER
•NORTHEAST CENTRAL COUNTY PUBLIC WATER DISTRICT	WATER
•PLAINS MARKETING, L.P.	PIPELINE
•VILLAGE OF ROXANA	WATER & SANITARY SEWER
•SOUTHWESTERN ELECTRIC COOPERATIVE, INC.	ELECTRIC
•LEVEL 3 COMMUNICATIONS	COMMUNICATIONS

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

3. PORTIONS OF THESE PLANS WERE DEVELOPED FROM OFFICE RECORDS OR OTHERWISE HISTORICAL DATA. FIELD MEASUREMENTS WERE TAKEN TO VERIFY SOME INFORMATION AND WAS LIMITED. REMOVAL ITEMS AND QUANTITIES WERE BASED ON THIS INFORMATION AND SHOULD BE CONSIDERED AS ESTIMATES. PAYMENT FOR REMOVAL ITEMS WILL BE MADE FOR ITEMS AND LENGTHS ACTUALLY REMOVED.

4. TRAFFIC CONTROL AND PROTECTION REQUIRED FOR THIS PROJECT CONTAINS PROVISIONS FOR THE USE OF FLAGGERS. WHEN FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR OTHERWISE COVERED IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.

5. THE MESSAGE BOARD INCLUDED IN TRAFFIC CONTROL PROTECTION STANDARD 701400 WHICH IS USED FOR ALL INTERSTATE WORK SHALL BE PLACED 3 MILES FROM LANE CLOSURE, OR AS APPROVED BY THE ENGINEER.

6. ALL HOLES REQUIRED FOR THE ATTACHMENT OF TRAFFIC BARRIER TERMINALS TO CONCRETE STRUCTURES SHALL BE CORED. DRILLED HOLES WILL NOT BE PERMITTED. ALL EXISTING HOLES IN CONCRETE STRUCTURES, WHICH ARE NOT REQUIRED FOR THE NEW INSTALLATION, SHALL BE GROUTED IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.

7. EXISTING GUARDRAIL AND GUARDRAIL TERMINALS SHALL BE REMOVED FOR THIS PROJECT IN ACCORDANCE WITH GUARDRAIL REMOVAL (SPECIAL). SEE SPECIAL PROVISIONS.

8. ROAD CONSTRUCTION SIGNS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED ON ALL ROADWAYS WITH DIRECT ACCESS ONTO I-255/FAP 310 FROM AND INCLUDING HORSESHOE LAKE ROAD TO IL ROUTE 143 AS DIRECTED BY THE ENGINEER. THE SIGNS SHALL ALSO BE INSTALLED ON ALL ROADWAYS WITH DIRECT ACCESS ONTO I-270 FROM AND INCLUDING ILLINOIS ROUTE 111 TO ILLINOIS ROUTE 157. THE SIGNS SHALL BE INSTALLED PRIOR TO PERFORMING WORK ON THIS PROJECT AND SHALL REMAIN IN PLACE FOR THE DURATION OF THIS CONTRACT UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ALL SIGNS SHALL BE 48 INCHES. COSTS OF THIS WORK WILL NOT BE PAID FOR SEPARATELY AND CONSIDERED AS INCLUDED IN THE OTHER ITEMS OF WORK.

9. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF LOCATING UNDERGROUND CABLE IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

10. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.

COMMITMENTS: NONE

INDEX OF SHEETS

IDOT HIGHWAY STANDARDS

000001-05
280001-04
630001-08
631011-05
631026-05
631031-07
631033-03
635006-03
635011-02
701101-02
701201-03
701301-03
701400-03
701406-05
701411-05
701456
701901-01

•FAI 255/FAP 310

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	PLOT DATE = 12/9/2008	CHECKED - BRM	REVISED -		
		DATE - 9-05-08	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	2
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

D876C3I-sht-gennote.dgn 12/9/2008 9:50:48 AM

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY SFTY-3J 90% FED 10% STATE		
20400100	BORROW EXCAVATION	CU YD	1540	1540		
25000200	SEEDING, CLASS 2	ACRE	1.5	1.5		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	135	135		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135	135		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	135	135		
25100105	MULCH, METHOD 1	ACRE	1.5	1.5		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	260	260		
28000400	PERIMETER EROSION BARRIER	FOOT	400	400		
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	294	294		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	925	925		
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	1198	1198		
63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	31937.5	31937.5		
63000130	STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL)	FOOT	1062.5	1062.5		
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	36	36		
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	49	49		
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	5	5		
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	68	68		
63100201	TRAFFIC BARRIER TERMINAL, TYPE 5 (SPECIAL)	EACH	22	22		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7		
67100100	MOBILIZATION	L SUM	1	1		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	16	16		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1		
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	28	28		
78200410	GUARDRAIL MARKERS, TYPE A	EACH	281	281		
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	68	68		
*80300110	LOCATING UNDERGROUND CABLE, SPECIAL	EACH	90	90		
X6320100	GUARDRAIL REMOVAL SPECIAL	FOOT	30993	30993		
Z0002005	ATTENUATOR BASE	SQ YD	440	440		
Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	11	11		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		-------	-------	-------

*Specialty Items

*FAI 255/FAP 310

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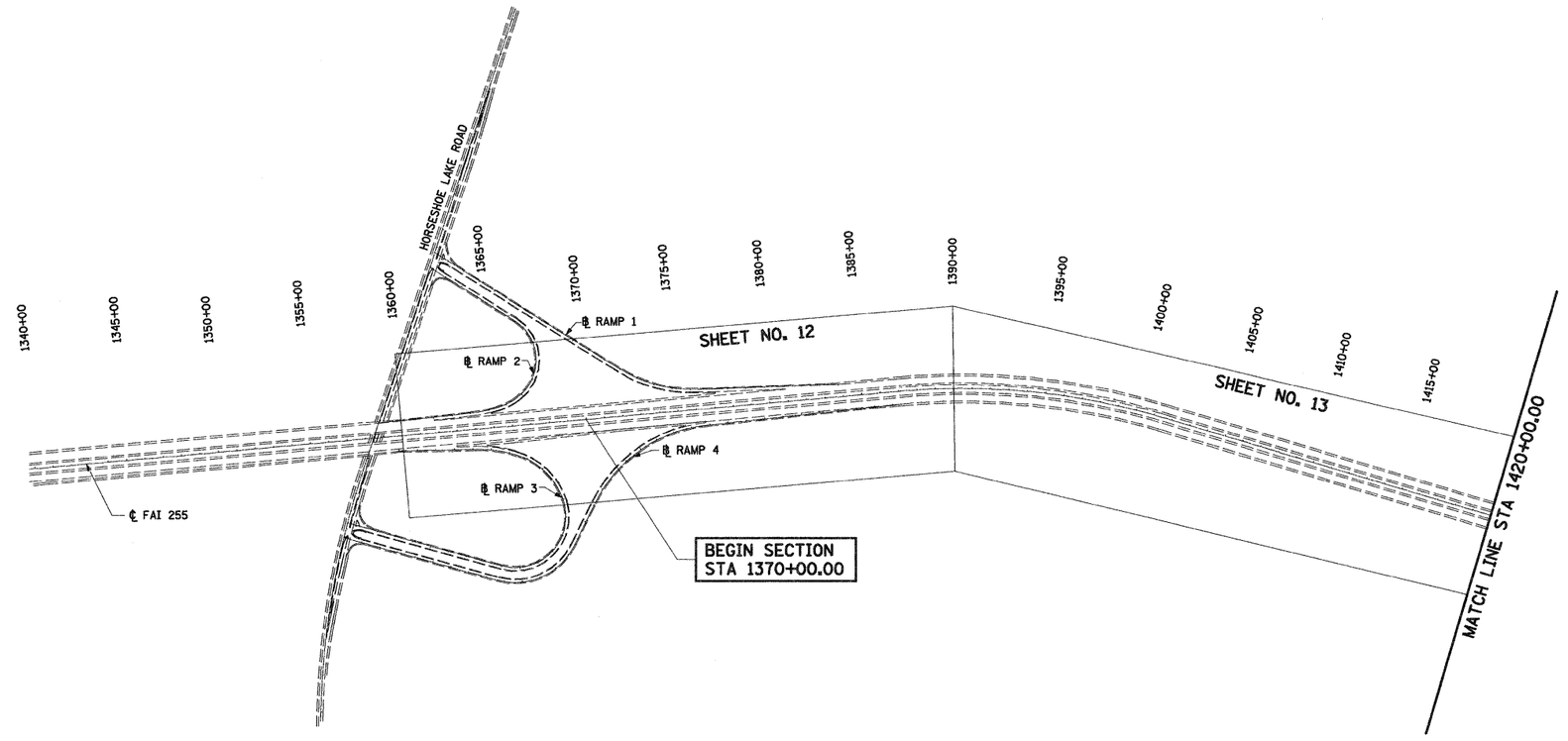
	PLOT DATE = 12/10/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: _____ | SHEET NO. 1 OF 1 SHEETS | STA. _____ TO STA. _____

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J	MADISON	35	3
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



• FAI 255/FAP 310

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	PLOT SCALE = 400.0000 ' / IN.	DRAWN - MAB	REVISED -		SCALE: 1"=400' | SHEET NO. 1 OF 6 SHEETS | STA. 1310+00.00 TO STA. 1424+00.00
	PLOT DATE = 12/8/2008	CHECKED - BRM	REVISED -		
		DATE - 8-20-08	REVISED -		

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	35	4
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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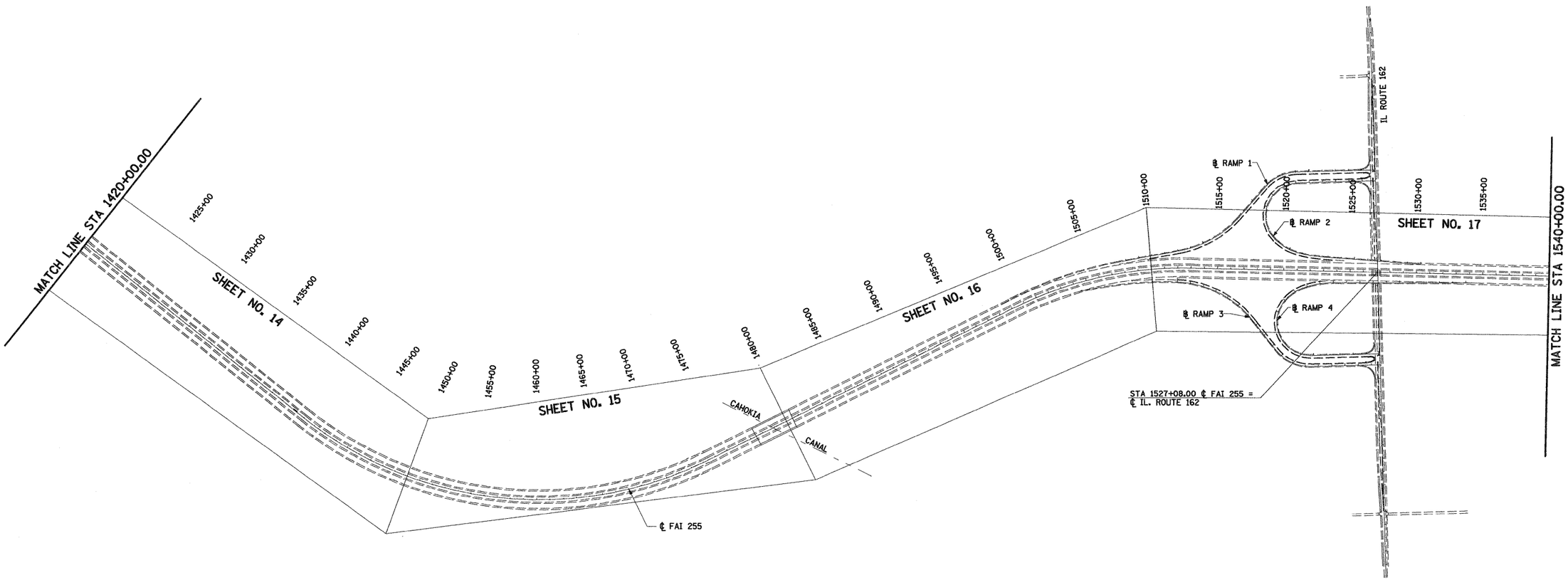

• FAI 255/FAP 310

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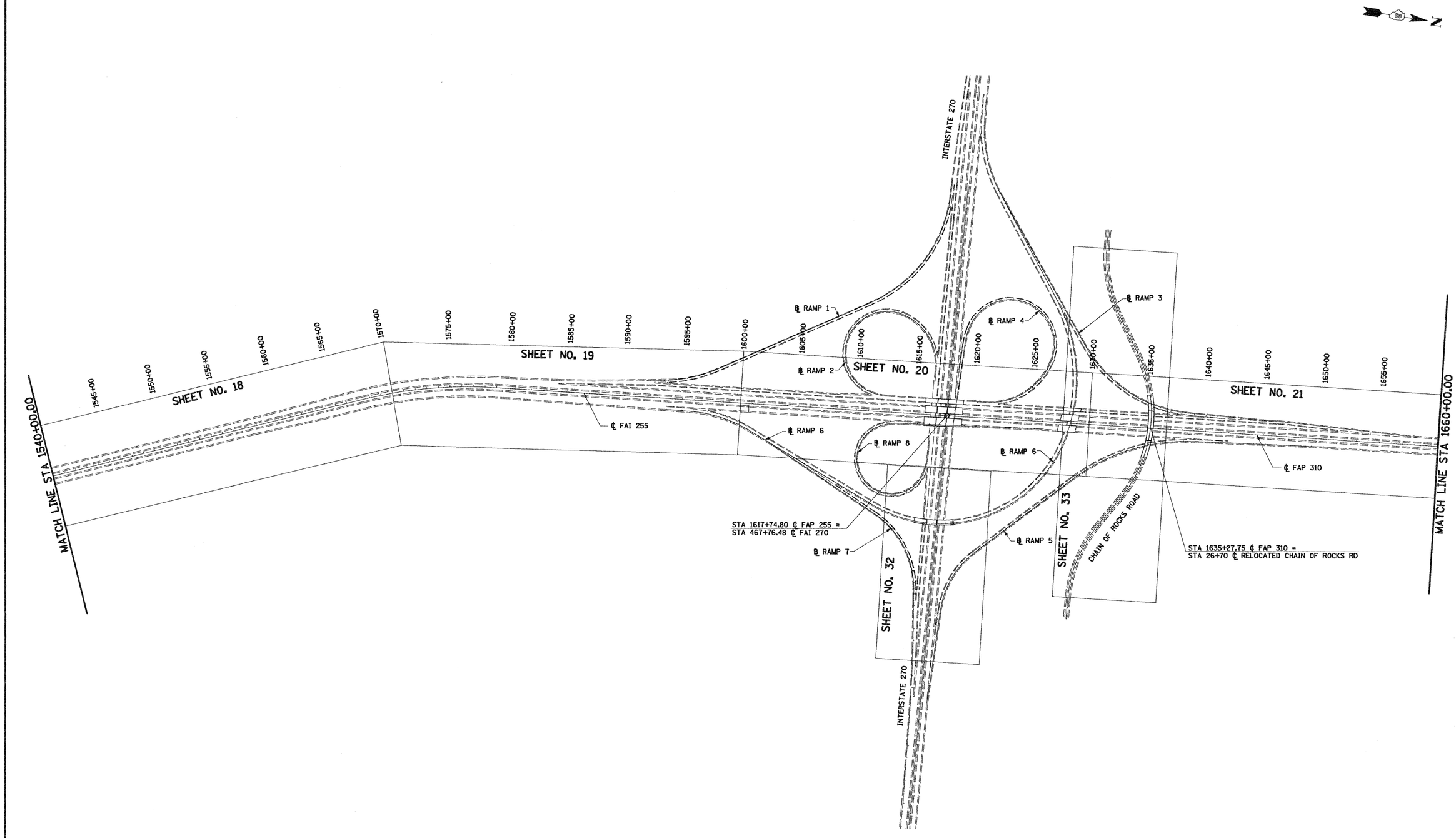
	PLOT SCALE = 400.0000 ' / IN.	DRAWN - MAB	REVISED -					•	60-(8,9,10,11)J	MADISON	37	5
	PLOT DATE = 12/8/2008	CHECKED - BRM	REVISED -							CONTRACT NO. 76C31		
		DATE - 8-20-08	REVISED -		SCALE: 1"=400'	SHEET NO. 2 OF 6 SHEETS	STA. 1424+00.00 TO STA. 1548+00.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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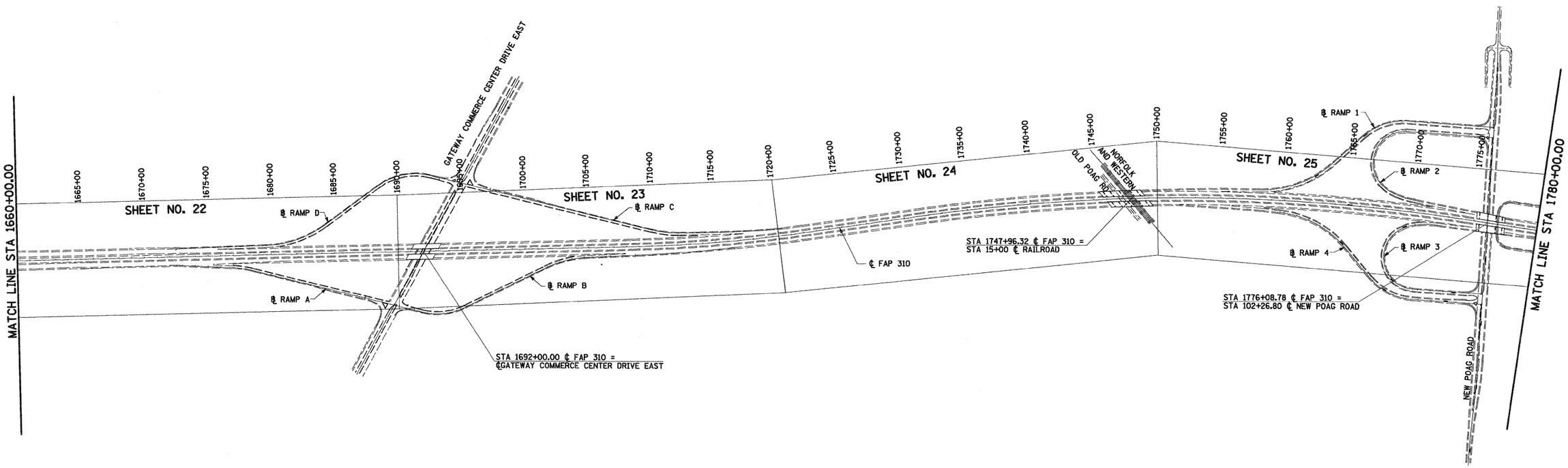
	PLOT DATE = 12/8/2008	DATE - 8-20-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEY SHEET SUMMARY

SCALE: 1"=400' | SHEET NO. 3 OF 6 SHEETS | STA. 1548+00.00 TO STA. 1672+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	6
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



• FAI 255/FAP 310

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	PLOT DATE = 12/8/2008	DATE - 8-20-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEY SHEET SUMMARY

SCALE: 1"=400' | SHEET NO. 4 OF 6 SHEETS | STA. 1672+00.00 TO STA. 1796+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	7
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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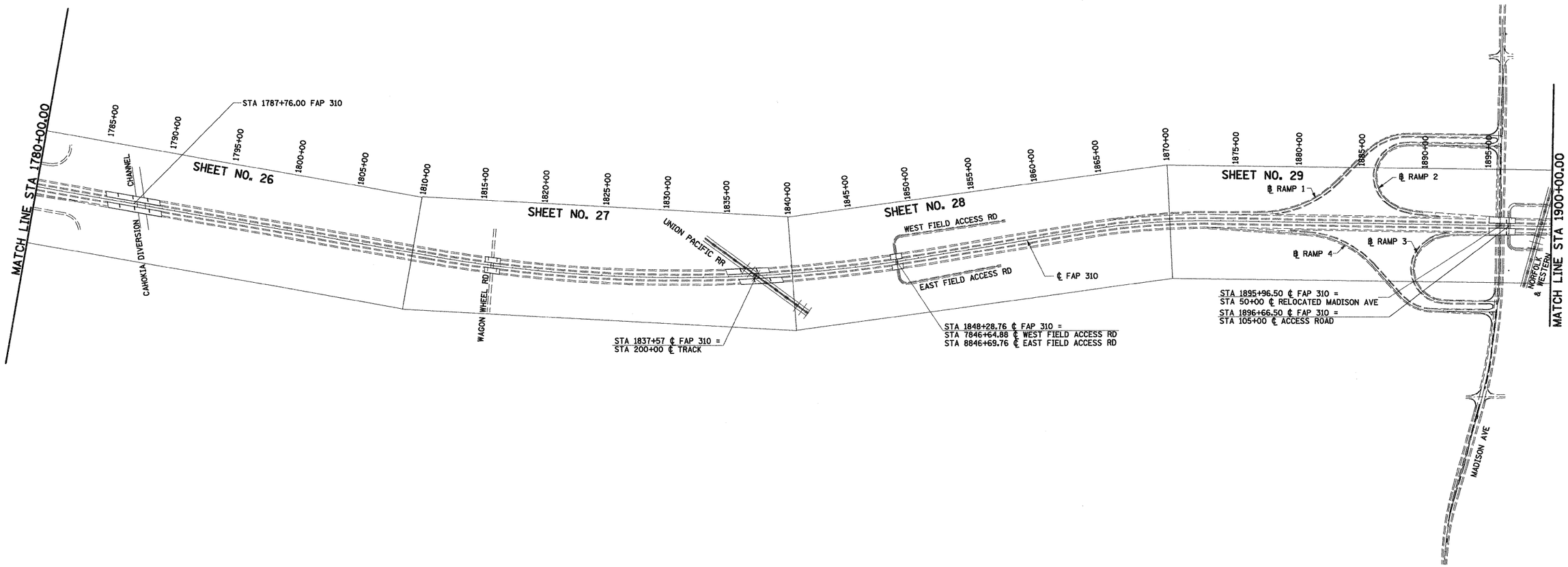

• FAI 255/FAP 310

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	PLOT DATE = 12/8/2008	DATE - 8-20-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEY SHEET SUMMARY

SCALE: 1"=400' | SHEET NO. 5 OF 6 SHEETS | STA. 1796+00.00 TO STA. 1920+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	8
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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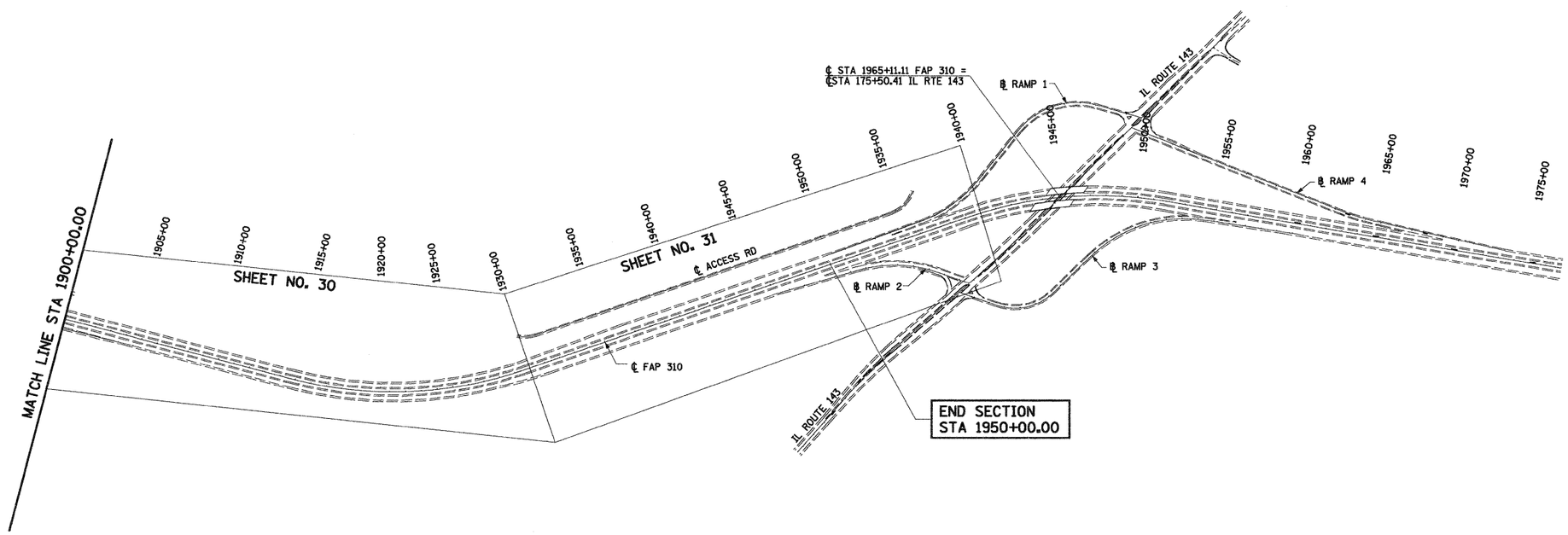

• FAI 255/FAP 310

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	PLOT DATE = 12/9/2008	DATE - 8-20-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

KEY SHEET SUMMARY

SCALE: 1"=400' | SHEET NO. 6 OF 6 SHEETS | STA. 1920+00.00 TO STA. 1975+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	9
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GUARDRAIL SCHEDULE

NUMBER	DIRECTION	ROADWAY	REMARKS	GUARDRAIL REMOVAL, SPECIAL (FOOT)	STEEL PLATE BEAM GUARD RAIL, TYPE A (FOOT)	STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL) (FOOT)	GUARDRAIL MARKER TYPE A (EACH)	TERMINAL MARKER DIRECT APPLIED (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 5 (SPECIAL) (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B (EACH)	IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3 (EACH)	ATTENUATOR BASE (SQ YD)	STONE DUMPED RIPRAP CLASS A3 (TON)	AGGREGATE SHOULDERS, TYPE B (TON)	LOCATING UNDERGROUND CABLE, SPECIAL (EACH)
1	SB RT	255	SIGN TRUSS		287.5		4	1	1	1								14.9	1
1M-NB	NB LT	255	SIGN TRUSS (MEDIAN)											1	40				
1M-SB	SB LT	255	SIGN TRUSS (MEDIAN)											1	40				
2	SB RT	255	SIGN TRUSS		237.5		4	1	1	1								14.9	1
2M-SB	SB LT	255	SIGN TRUSS (MEDIAN)											1	40				
3	NB RT	255	SIGN TRUSS		237.5		4	1	1	1								14.9	1
3M-NB	NB LT	255	SIGN TRUSS (MEDIAN)											1	40				
4	NB LT	255	APPROACH (MEDIAN)	320	237.5		4	1	1				1					12.4	1
5	NB RT	255	APPROACH	320	237.5		4	1	1				1					12.4	1
6	SB RT	255	APPROACH	349	262.5		4	1	1			1						11.6	1
7	SB LT	255	APPROACH (MEDIAN)	349	262.5		4	1	1			1						11.6	1
8	NB RT	255	SIGN TRUSS		287.5		4	1	1	1								14.9	1
8M-NB	NB LT	255	SIGN TRUSS (MEDIAN)											1	40				
9	NB RT	255	SIGN TRUSS		237.5		4	1	1	1								14.9	1
9M-NB	NB LT	255	SIGN TRUSS (MEDIAN)											1	40				
10	NB RT	255	SIGN TRUSS		237.5		4	1	1	1								14.9	1
10M-NB	NB LT	255	SIGN TRUSS (MEDIAN)											1	40				
11	SB RT	255 C-D	DEPARTURE	392	375.0					1	1								1
12	NB LT	255	APPROACH (MEDIAN)	159	237.5		4	1	1			1						14.9	1
13	SB LT	255	DEPARTURE (MEDIAN)	129															1
14	NB RT	255	APPROACH	376	275.0		4	1	1			1						11.2	1
15	EB LT	270 C-D	BRIDGE PIER	430	550.0		5	1	1	1							14.2	14.9	1
16	NB LT	255	DEPARTURE (MEDIAN)	126															
17	SB LT	255	APPROACH (MEDIAN)	164	237.5		4	1	1			1						14.9	1
18	NB RT	255	DEPARTURE	203	175.0					1	1						16.0		1
19	SB LT	255 C-D	APPROACH	299	275.0		4	1	1			1						14.8	1
20	SB RT	255	APPROACH	318	237.5		4	1	1			1						11.9	1
21	SB RT	255 C-D	APPROACH	464	375.0		4	1	1			1						11.4	1
22	NB RT	255	APPROACH	335	237.5		4	1	1			1					26.2	11.2	1
23	SB RT	255 C-D	DEPARTURE	291	262.5					1	1						0.9		1
24	NB LT	255	APPROACH (MEDIAN)	161	237.5		4	1	1			1						14.9	1
25	SB LT	255	DEPARTURE (MEDIAN)	127															
26	NB LT	255	DEPARTURE (MEDIAN)	128															
27	SB LT	255	APPROACH (MEDIAN)	161	237.5		4	1	1			1						14.9	1
28	NB RT	255	DEPARTURE	229	600.0					1	1						6.7		1
29	SB LT	255 C-D	APPROACH	300	287.5		4	1	1			1						14.8	1
30	SB RT	255	APPROACH	323	237.5		4	1	1			1						11.6	1
31	SB RT	255 C-D	APPROACH	350	250.0		4	1	1			1					2.2	11.2	1
32	SB LT	255	APPROACH (MEDIAN)	355	300.0		4	1	1	1								11.6	1
33	NB LT	255	APPROACH (MEDIAN)	317	287.5		4	1	1	1								12.9	1
34	NB LT	255 RAMP 5	ENTRANCE RAMP	192	350.0		4	1	1	1								14.9	1
35	NB LT	255 RAMP 6	SIGN TRUSS		262.5		4	1	1	1								14.9	1
35	NB RT	255 RAMP 6	SIGN TRUSS		262.5		4	1	1	1								14.9	1
36	EB RT	CHAIN OF ROCKS	DEPARTURE	318	225.0		4	1	1				1				2.7	11.2	1
37	WB RT	CHAIN OF ROCKS	APPROACH	242	150.0		4	1	1					1			4.4	11.9	1
38	EB RT	CHAIN OF ROCKS	APPROACH	306	212.5		4	1	1				1				4.0	12.9	1
39	WB RT	CHAIN OF ROCKS	DEPARTURE	228	137.5		4	1	1					1				12.0	1
40	SB RT	255	SIGN TRUSS		275.0		4	1	1	1								14.9	1
41	NB RT	255	CANTILEVER SIGN TRUSS		275.0		4	1	1	1								14.9	1
42	SB RT	255	SIGN TRUSS		237.5		4	1	1	1								14.9	1
42M-SB	SB LT	255	SIGN TRUSS (MEDIAN)											1	40				
43	NB RT	255	CANTILEVER SIGN TRUSS		287.5		4	1	1	1								14.9	1
44	SB RT	255	SIGN TRUSS																
44M-SB	SB LT	255	SIGN TRUSS (MEDIAN)											1	40				
45	NB RT	255	APPROACH	423	325.0		4	1	1			1						11.2	1
46	SB RT	255	DEPARTURE	141	675.0					1	1						2.7		1
47	NB LT	255	APPROACH (MEDIAN)	161	275.0		4	1	1			1						14.9	1
48	SB LT	255	DEPARTURE (MEDIAN)	141															
49	NB LT	255	DEPARTURE (MEDIAN)	141															
50	SB LT	255	APPROACH (MEDIAN)	163	275.0		4	1	1			1						14.9	1
51	SB RT	255	APPROACH	425	325.0		4	1	1			1					2.7	11.2	1
52	NB RT	255	DEPARTURE	440	412.5					1	1						8.9		1
53	SB RT	255	SIGN TRUSS																
53M-SB	SB LT	255	SIGN TRUSS (MEDIAN)											1	40				
54	NB RT	255	APPROACH	1050	950.0		6	1	1			1					13.3	11.2	1
55	SB RT	255	DEPARTURE	773		750.0				1	1						45.3		1
56	NB LT	255	APPROACH (MEDIAN)	161	275.0		4	1	1			1						14.9	1
57	SB LT	255	DEPARTURE (MEDIAN)	78															
58	NB LT	255	DEPARTURE (MEDIAN)	78															
59	SB LT	255	APPROACH (MEDIAN)	162	275.0		4	1	1			1						14.9	1
60	SB RT	255	APPROACH	890	800.0		5	1	1			1					2.0	11.4	1
61	NB RT	255	DEPARTURE	756	725.0					1	1						37.8		1
62	NB RT	255	APPROACH	664	575.0		5	1	1			1					33.3	11.4	1
63	SB RT	255	DEPARTURE	227	200.0					1	1								1
64	SB LT	255	DEPARTURE	116															
65	NB LT	255	APPROACH (MEDIAN)	161	275.0		4	1	1			1						14.9	1
66	NB LT	255	DEPARTURE (MEDIAN)	115															1
67	SB LT	255	APPROACH (MEDIAN)	162	275.0		4	1	1			1						14.9	1
68	SB RT	255	DEPARTURE/APPROACH	790	737.5						1	1							
69	NB RT	255	DEPARTURE/APPROACH	820	762.5						1	1							
			SUB-TOTAL	17799	19012.5	750.0	193	47	47	25	11	29	4	10	400	223.3	632.6	58	

•FAI 255/FAP 310

FILE NAME = S:\Projects\407-0029-SHY I-255 (GUARDRAIL)\dgn\CADD Sheets\D76C31-sht-schedule.dgn	USER NAME = paul	DESIGNED JLS	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN JLS	REVISED -	
	PLOT SCALE = 10.0000 ' / IN.	CHECKED BRM	REVISED -	
	PLOT DATE = 12/9/2008	DATE 9-05-08	REVISED -	

SCHEDULES

SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	10
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GUARDRAIL SCHEDULE

NUMBER	DIRECTION	ROADWAY	REMARKS	GUARDRAIL REMOVAL, SPECIAL (FOOT)	STEEL PLATE BEAM GUARD RAIL, TYPE A (FOOT)	STEEL PLATE BEAM GUARD RAIL, TYPE A (SPECIAL) (FOOT)	GUARDRAIL MARKER TYPE A (EACH)	TERMINAL MARKER DIRECT APPLIED (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 5 (SPECIAL) (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B (EACH)	IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3 (EACH)	ATTENUATOR BASE (SQ YD)	STONE DUMPED RIPRAP CLASS A3 (TON)	AGGREGATE SHOULDERS, TYPE B (TON)	LOCATING UNDERGROUND CABLE, SPECIAL (EACH)
70	NB LT	255	APPROACH (MEDIAN)	161	275.0		4	1	1			1					14.9	1
71	SB RT	255	DEPARTURE (MEDIAN)	104														
72	NB LT	255	DEPARTURE (MEDIAN)	103														
73	SB LT	255	APPROACH (MEDIAN)	275	275.0		4	1	1			1					14.9	1
74	NB RT	255	DEPARTURE	203	250.0					1	1					2.0		1
75	SB RT	255	APPROACH	349	275.0		4	1	1			1					12.2	1
76	NB RT	255	APPROACH	499	412.5		5	1	1			1					11.6	1
77	SB RT	255	DEPARTURE	266	250.0					1	1					5.3		1
78	NB LT	255	APPROACH	161	275.0		4	1	1			1					14.9	1
79	SB LT	255	DEPARTURE (MEDIAN)	116														
80	NB LT	255	DEPARTURE (MEDIAN)	116														
81	SB LT	255	APPROACH (MEDIAN)	162	275.0		4	1	1			1					14.9	1
82	SB RT	255	BETWEEN BRIDGES	1767	1712.5						1	1						1
83	NB RT	255	BETWEEN BRIDGES	1902	1850.0						1	1						1
84	NB LT	255	APPROACH (MEDIAN)	225	275.0		4	1	1			1					14.9	1
85	SB LT	255	DEPARTURE (MEDIAN)	90														
86	NB LT	255	DEPARTURE (MEDIAN)	91														
87	SB LT	255	APPROACH (MEDIAN)	223	275.0		4	1	1			1					14.9	1
88	SB RT	255	BETWEEN BRIDGES	958	900.0						1	1				3.3		1
89	NB RT	255	BETWEEN BRIDGES	852	800.0						1	1						1
90	NB LT	255	APPROACH (MEDIAN)	161	275.0		4	1	1			1					14.9	1
91	SB LT	255	DEPARTURE (MEDIAN)	116														
92	SB LT	255	APPROACH (MEDIAN)	163	275.0		4	1	1			1					14.9	1
93	NB LT	255	DEPARTURE (MEDIAN)	116														
94	NB RT	255	DEPARTURE	266	250.0					1	1							1
95	SB RT	255	APPROACH	511	425.0		5	1	1			1				1.8	11.6	1
96	NB RT	255	APPROACH	400	312.5		4	1	1			1					11.5	1
97	SB RT	255	DEPARTURE	266	250.0					1	1							1
98	NB LT	255	APPROACH (MEDIAN)	162	275.0		4	1	1			1					14.9	1
99	SB LT	255	DEPARTURE (MEDIAN)	115														
100	NB LT	255	DEPARTURE (MEDIAN)	116														
101	SB LT	255	APPROACH (MEDIAN)	163	275.0		4	1	1			1					14.9	1
102	SB RT	255	APPROACH	488	400.0		5	1	1			1					11.5	1
103	NB RT	255	DEPARTURE (MEDIAN)	254	237.5					1	1					20.0		1
104	WB RT	270	SIGN TRUSS		237.5		4	1	1	1							14.9	1
105	EB LT	270 C-D	BRIDGE PIER	208	350.0		4	1	1	1						3.6	14.9	1
106	NB LT	270 RAMP 6	APPROACH	406		312.5	4	1	1			1				31.3	11.2	1
107	NB RT	270 RAMP 6	APPROACH	391	287.5		4	1	1				1			1.3	11.3	1
108	NB LT	270 RAMP 6	DEPARTURE	129	112.5					1	1							1
109	NB RT	270 RAMP 6	DEPARTURE	140	112.5					1	1					1.3		1
110	EB RT	270	BRIDGE PIER		475.0		5	1	1	1							14.9	1
111	EB RT	270	BRIDGE PIER		275.0		4	1	1	1							14.9	1
112	NB LT	255	SIGN TRUSS (MEDIAN)											1	40			
			SUB-TOTAL	13194	12925.0	312.5	88	21	21	11	11	20	1	1	40	69.9	289.5	32
			TOTAL	30993	31937.5	1062.5	281	68	68	36	22	49	5	11	440	294	925	90

EARTH WORK AND SEEDING SCHEDULE

NUMBER	DIRECTION	ROADWAY	REMARKS	BORROW EXCAVATION (CU YD)	SEEDING, CLASS 2 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHOROUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH, METHOD 1 (ACRE)
1M-NB/SB	NB/SB LT	255	SIGN TRUSS (MEDIAN)	292.8	0.20	18.0	18.0	18.0	0.20
2M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	138.4	0.12	10.8	10.8	10.8	0.12
3M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	138.4	0.12	10.8	10.8	10.8	0.12
8M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	138.4	0.12	10.8	10.8	10.8	0.12
9M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	138.4	0.12	10.8	10.8	10.8	0.12
10M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	138.4	0.12	10.8	10.8	10.8	0.12
42M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	138.4	0.12	10.8	10.8	10.8	0.12
44M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	138.4	0.12	10.8	10.8	10.8	0.12
53M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	138.4	0.12	10.8	10.8	10.8	0.12
112	NB LT	255	SIGN TRUSS (MEDIAN)	138.4	0.12	10.8	10.8	10.8	0.12
			TOTAL	1538.4	1.28	115.2	115.2	115.2	1.28
			PAY TOTAL	1540	1.50	135	135	135	1.50

EROSION CONTROL SCHEDULE

NUMBER	DIRECTION	ROADWAY	REMARKS	TEMPORARY EROSION CONTROL SEEDING (POUND)	PERIMETER EROSION BARRIER (FOOT)
1M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	40	20
1M-SB	SB LT	255	SIGN TRUSS (MEDIAN)		20
2M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	24	40
3M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	24	40
8M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	24	40
9M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	24	40
10M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	24	40
42M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	24	40
44M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	24	40
53M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	24	40
112	NB LT	255	SIGN TRUSS (MEDIAN)	24	40
			TOTAL	256	400
			PAY TOTAL	260	400

DRAINAGE SCHEDULE

NUMBER	DIRECTION	ROADWAY	REMARKS	PIPE CULVERTS, CLASS D, TYPE 1 18" (FOOT)
1M-NB/SB	NB/SB LT	255	SIGN TRUSS (MEDIAN)	181
2M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	113
3M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	113
8M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	113
9M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	113
10M-NB	NB LT	255	SIGN TRUSS (MEDIAN)	113
42M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	113
44M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	113
53M-SB	SB LT	255	SIGN TRUSS (MEDIAN)	113
112	NB LT	255	SIGN TRUSS (MEDIAN)	113
			TOTAL	1198

*FAI 255/FAP 310

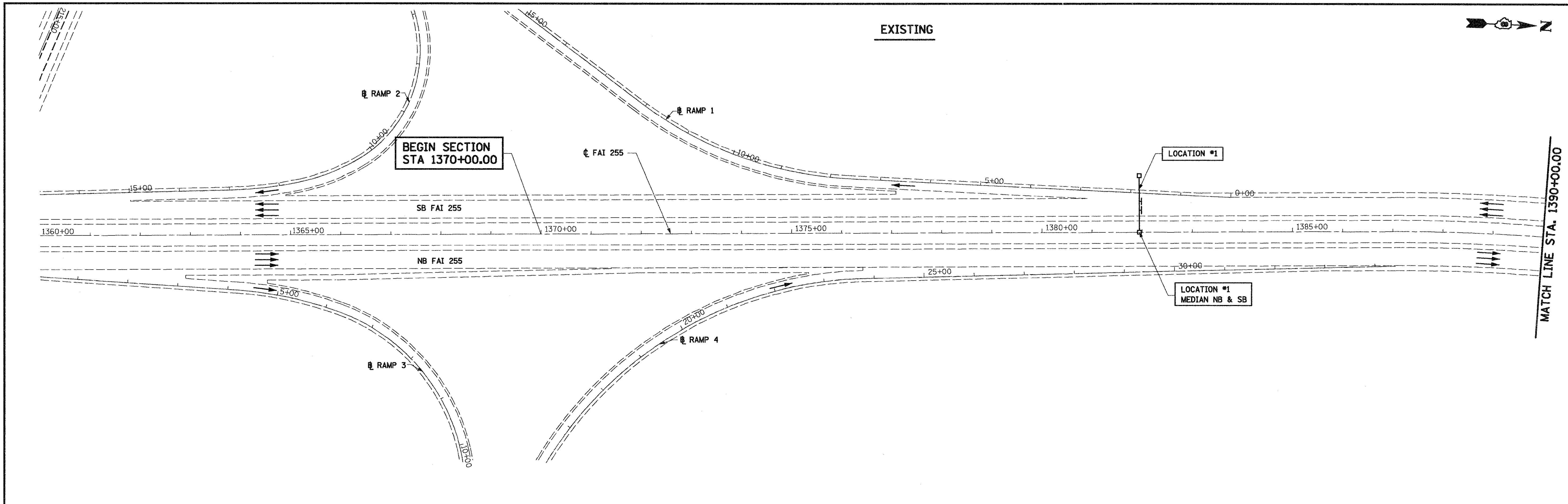
FILE NAME = S:\Projects\407-0029-5HY I-255 (GUARDRAIL)\dgn\CADD Sheets\D76C31-sht-schedule.dgn	USER NAME = paul	DESIGNED JLS	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN JLS	REVISED -	
	PLOT SCALE = 10.0000 ' / IN.	CHECKED BRM	REVISED -	
	PLOT DATE = 12/9/2008	DATE 9-05-08	REVISED -	

SCHEDULES

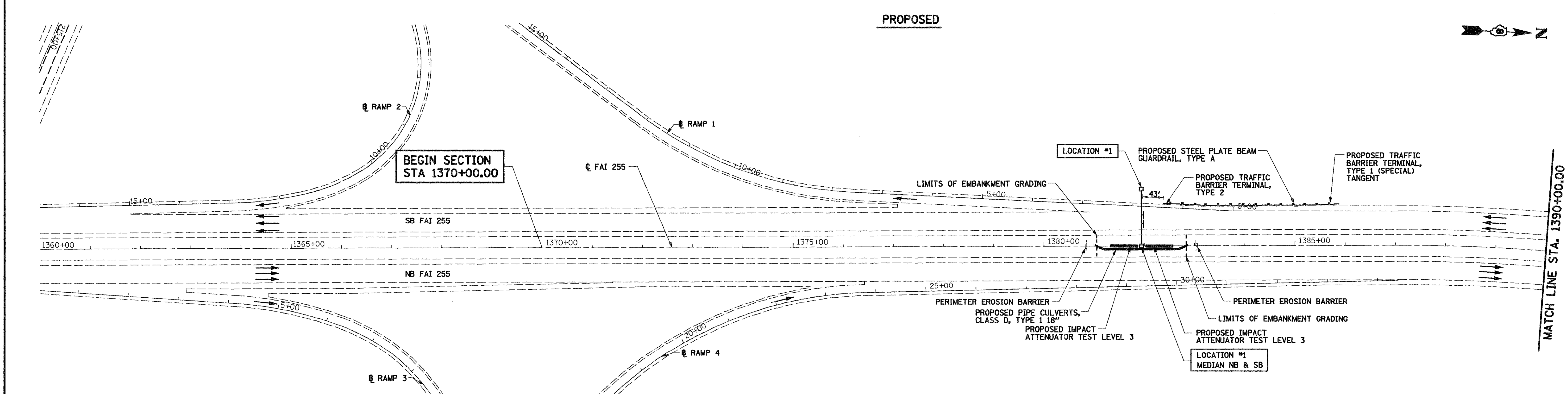
SCALE: | SHEET NO. 2 OF 2 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J	MADISON	37	11
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING



PROPOSED



LEGEND

- PROPOSED IMPACT ATTENUATOR TEST LEVEL 3
- EXISTING IMPACT ATTENUATOR

NOTE: PROPOSED PIPE DRAIN ELEVATION TO BE DETERMINED BY ENGINEER

0 100' 200'

*FAI 255/FAP 310

FILE NAME = S:\Projects\407-0029-5HY I-255 (GUARDRAIL)\dgn\CADD Sheets\D876C31-sht-plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 '/ IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100'	SHEET NO. 1 OF 22 SHEETS	STA. 1360+00.00 TO STA. 1390+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J	MADISON	37	12
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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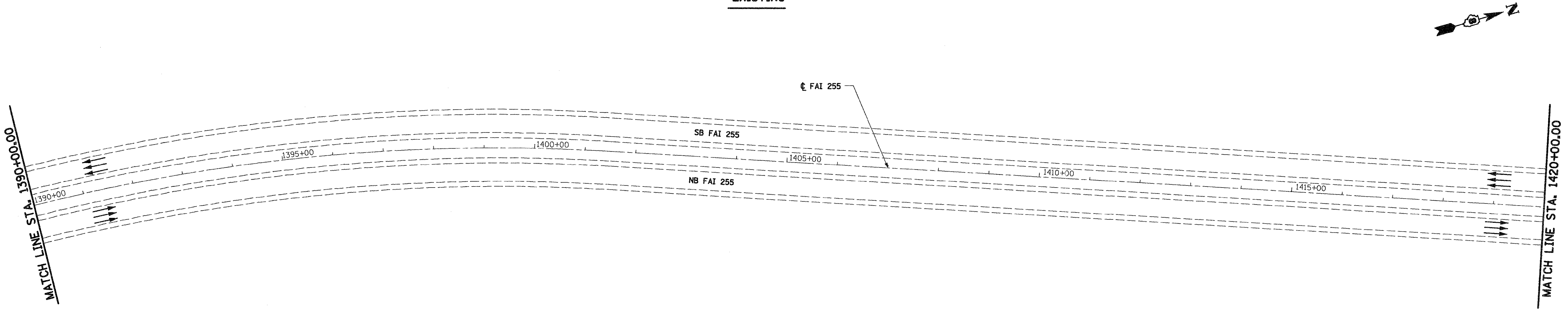

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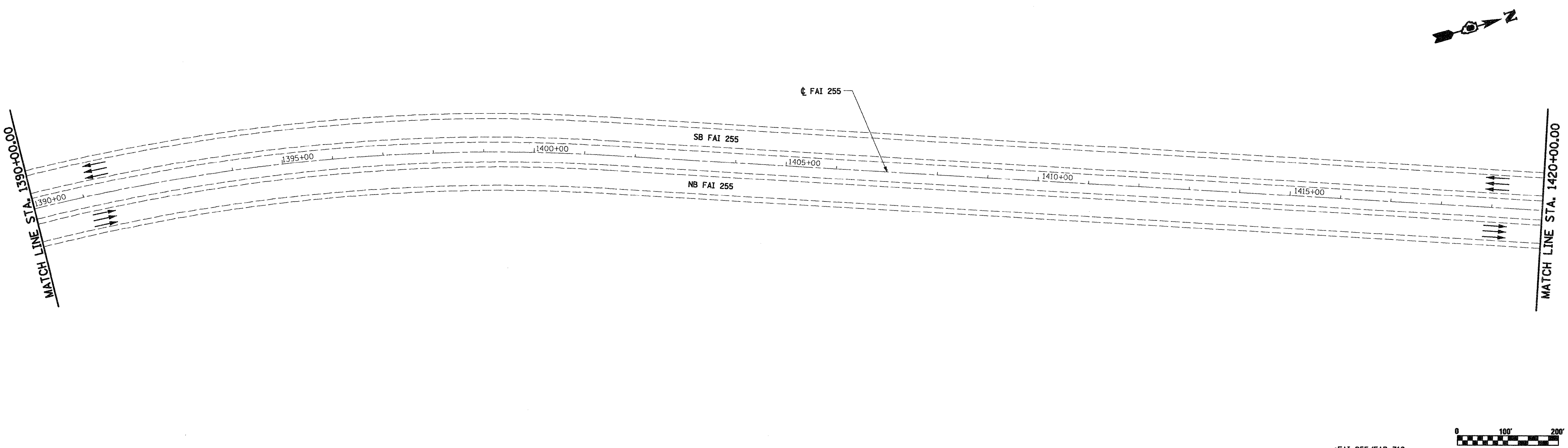

•FAI 255/FAP 310

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	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 2 OF 22 SHEETS | STA. 1390+00.00 TO STA. 1420+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	13
		CONTRACT NO. 76C31		

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

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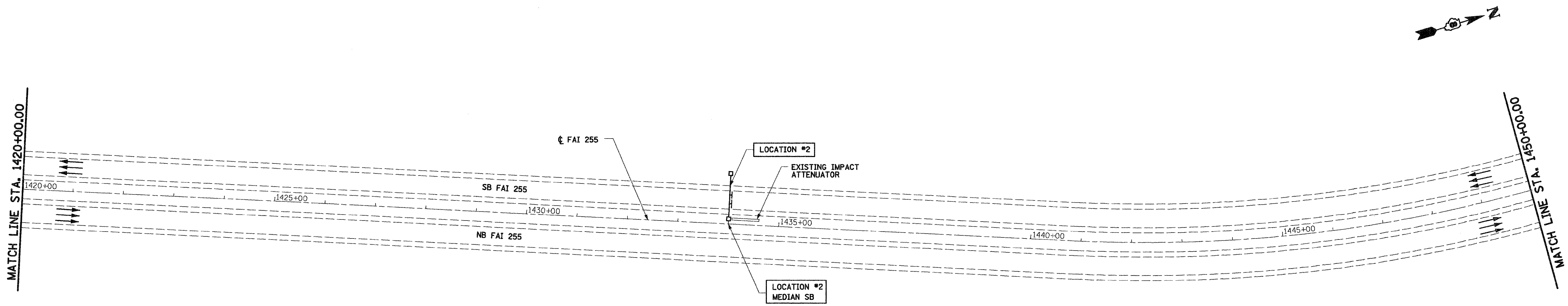

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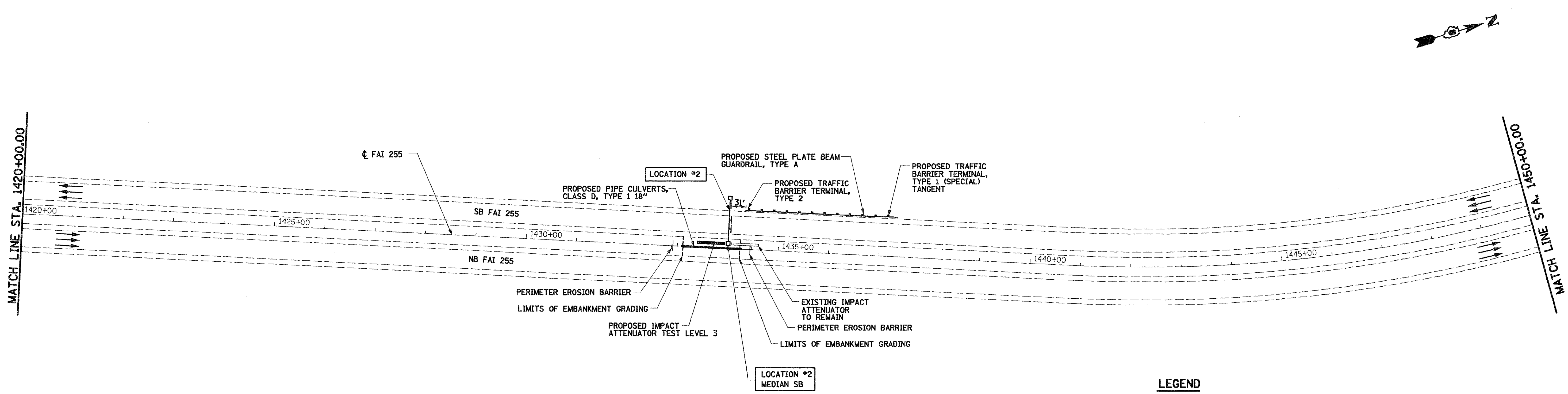

LEGEND

PROPOSED IMPACT ATTENUATOR TEST LEVEL 3

EXISTING IMPACT ATTENUATOR

0 100' 200'

*FAI 255/FAP 310

FILE NAME = S:\Projects\407-0029-5HY I-255 (GUARDRAIL)\dgn\CADD Sheets\D876C31-sht-plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100'	SHEET NO. 3 OF 22 SHEETS	STA. 1420+00.00 TO STA. 1450+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J	MADISON	37	14
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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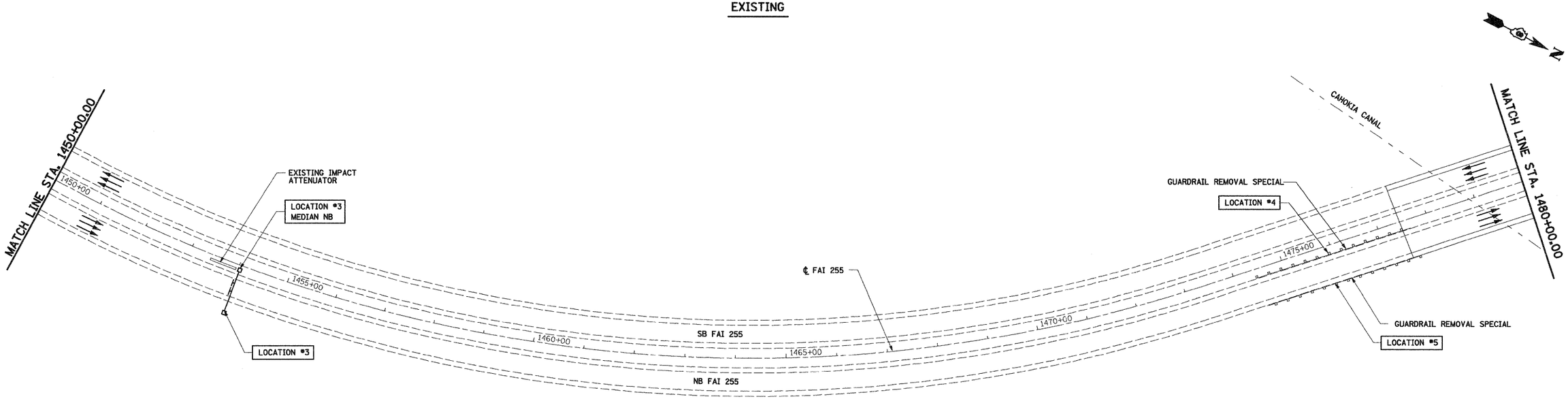

PROPOSED

LEGEND

PROPOSED IMPACT ATTENUATOR TEST LEVEL 3

EXISTING IMPACT ATTENUATOR

0 100' 200'

•FAI 255/FAP 310

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		DRAWN - MAB	REVISED -
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	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 4 OF 22 SHEETS | STA. 1450+00.00 TO STA. 1480+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	15
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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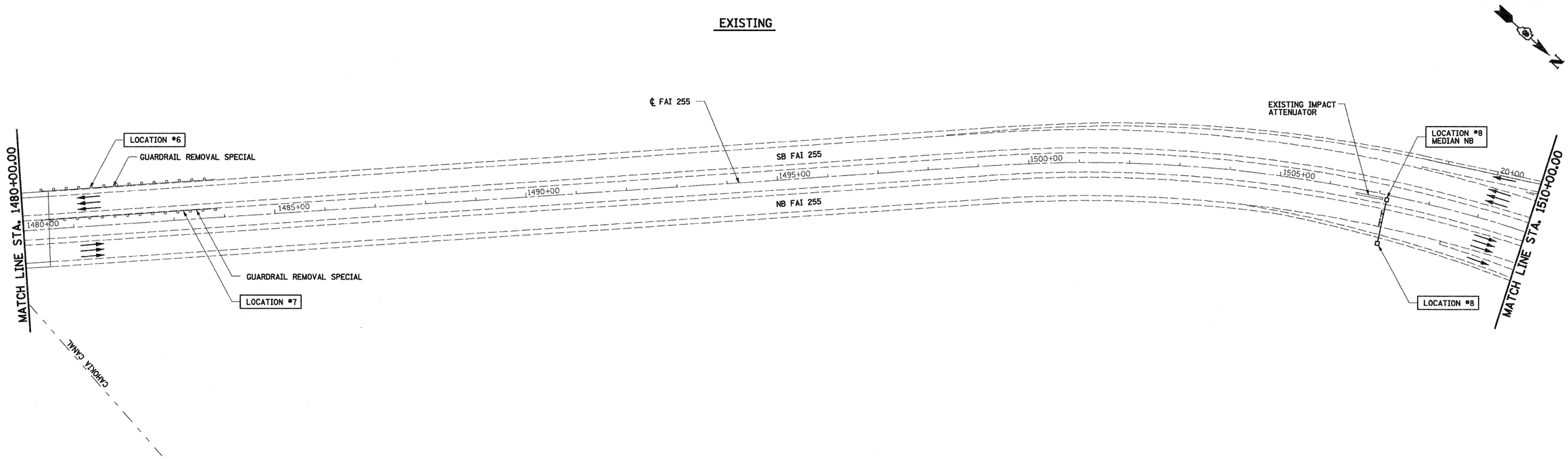

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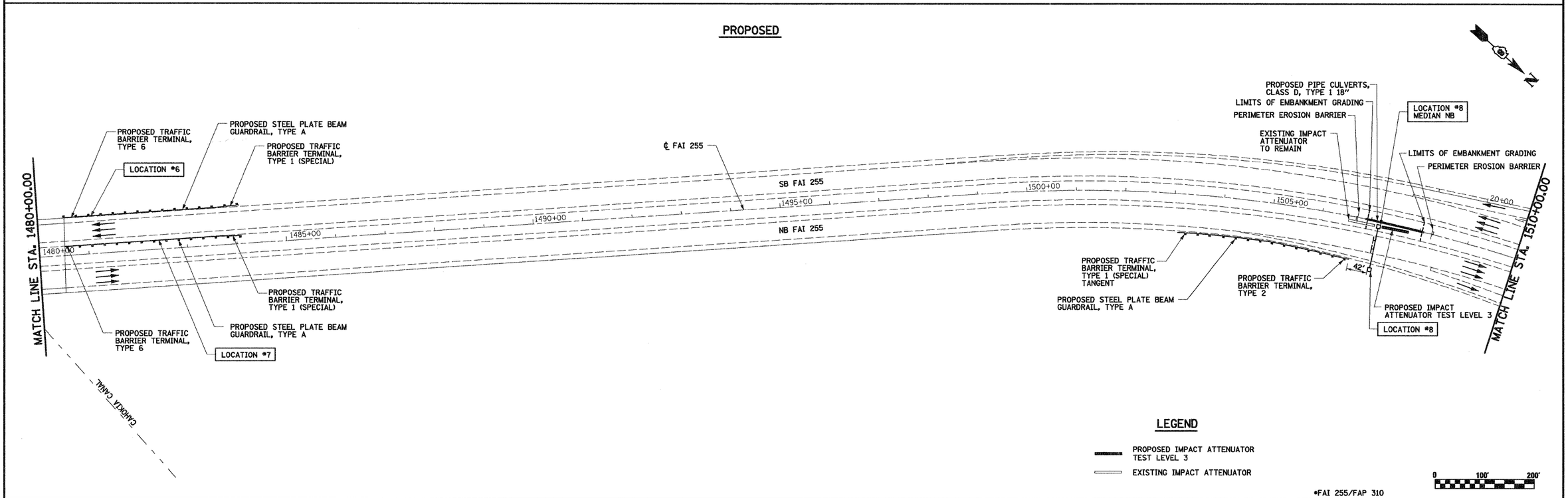


LEGEND

PROPOSED IMPACT ATTENUATOR TEST LEVEL 3

EXISTING IMPACT ATTENUATOR

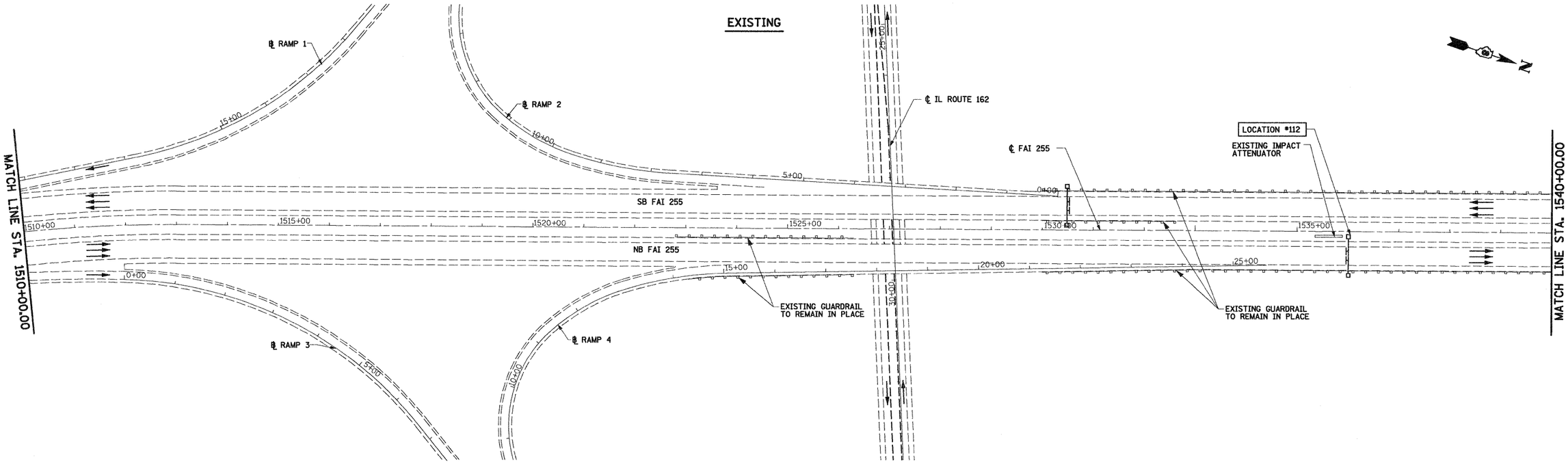
0 100' 200'

•FAI 255/FAP 310

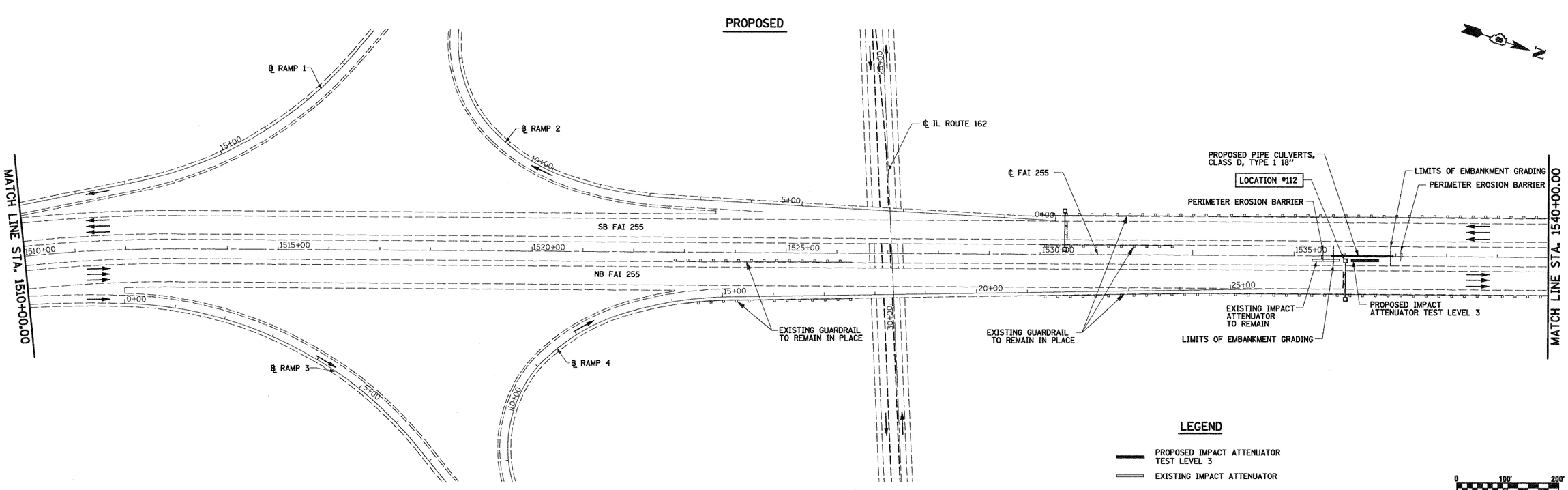
FILE NAME = S:\Projects\487-8829-SHT I-255 GUARDRAIL\dgn\D878C31-sht-plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**EXISTING AND PROPOSED GUARDRAIL REPLACEMENT**
		DRAWN - MAB	REVISED -		
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -		SCALE: 1"=100' | SHEET NO. 5 OF 22 SHEETS | STA. 1480+00.00 TO STA. 1510+00.00
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -		

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	16
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING



PROPOSED



LEGEND

PROPOSED IMPACT ATTENUATOR TEST LEVEL 3

EXISTING IMPACT ATTENUATOR

0 100' 200'

•FAI 255/FAP 310

FILE NAME = S:\Projects\407-8829-SW I-255 GUARDRAIL\dgn\CAD Sheets\CONTRACT\ill-plansdgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

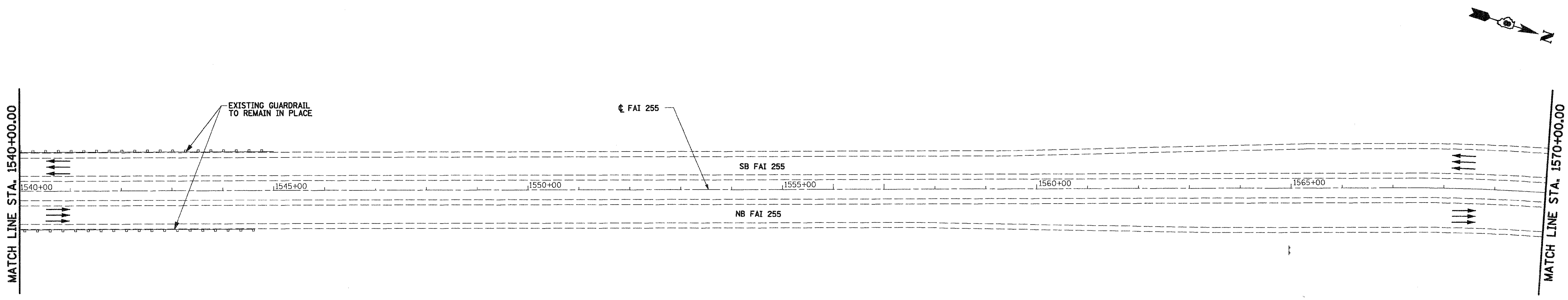
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 6 OF 22 SHEETS | STA. 1510+00.00 TO STA. 1540+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	17
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING



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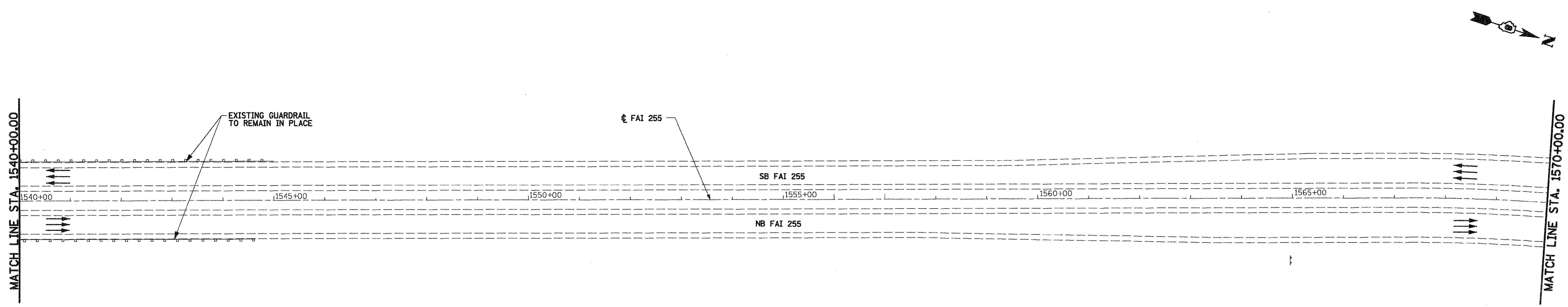

0 100' 200'

*FAI 255/FAP 310

FILE NAME = S:\Projects\407-0029-5HY I-255 (GUARDRAIL)\dgn\CADD Sheets\D076C31-sht-plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 '/ IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 7 OF 22 SHEETS | STA. 1540+00.00 TO STA. 1570+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J	MADISON	37	18
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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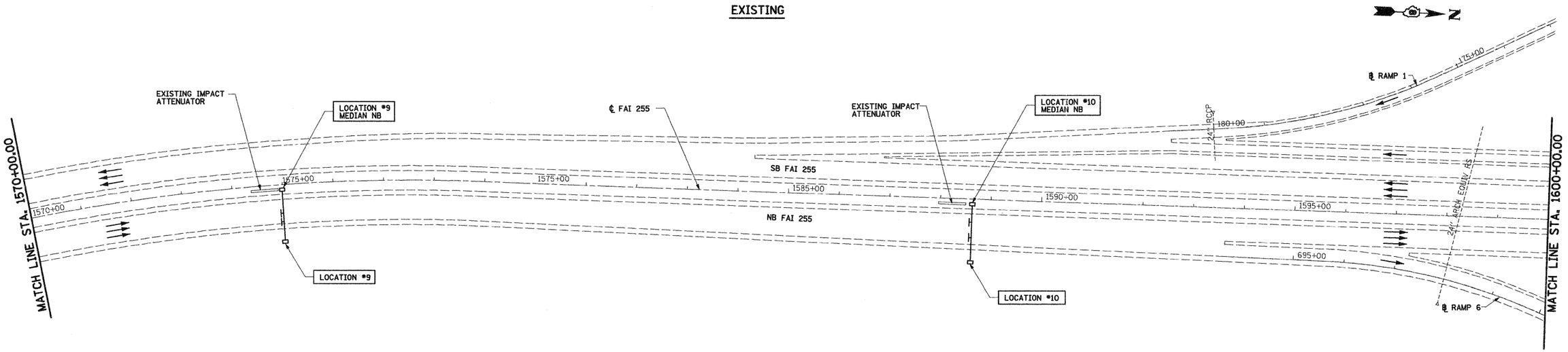
EXISTING



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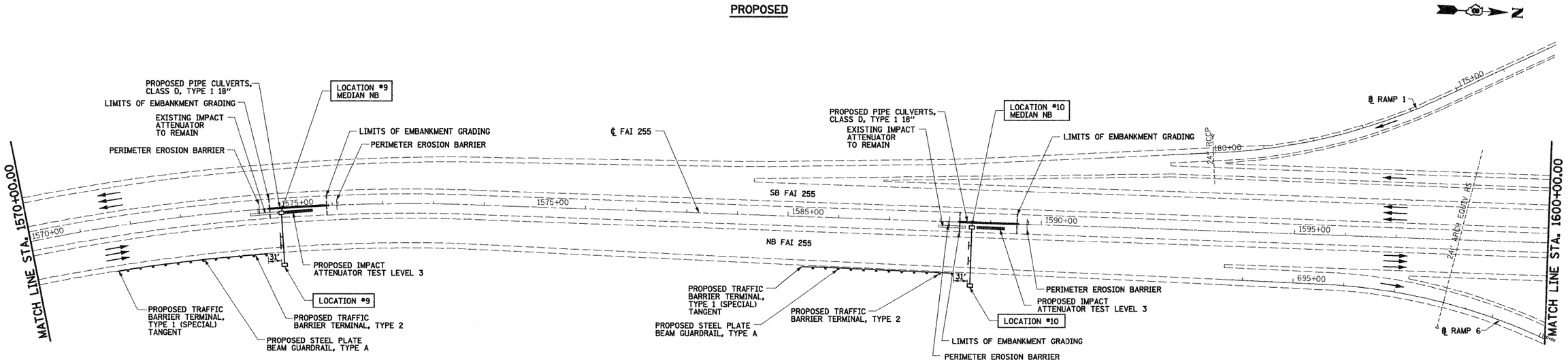


LEGEND

PROPOSED IMPACT ATTENUATOR TEST LEVEL 3

EXISTING IMPACT ATTENUATOR

0 100' 200'

•FAI 255/FAP 310

FILE NAME = S:\Projects\487-4029-SHT F-255 GUARDRAIL\dgn\CAD Sheets\DEFREC8-std-plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

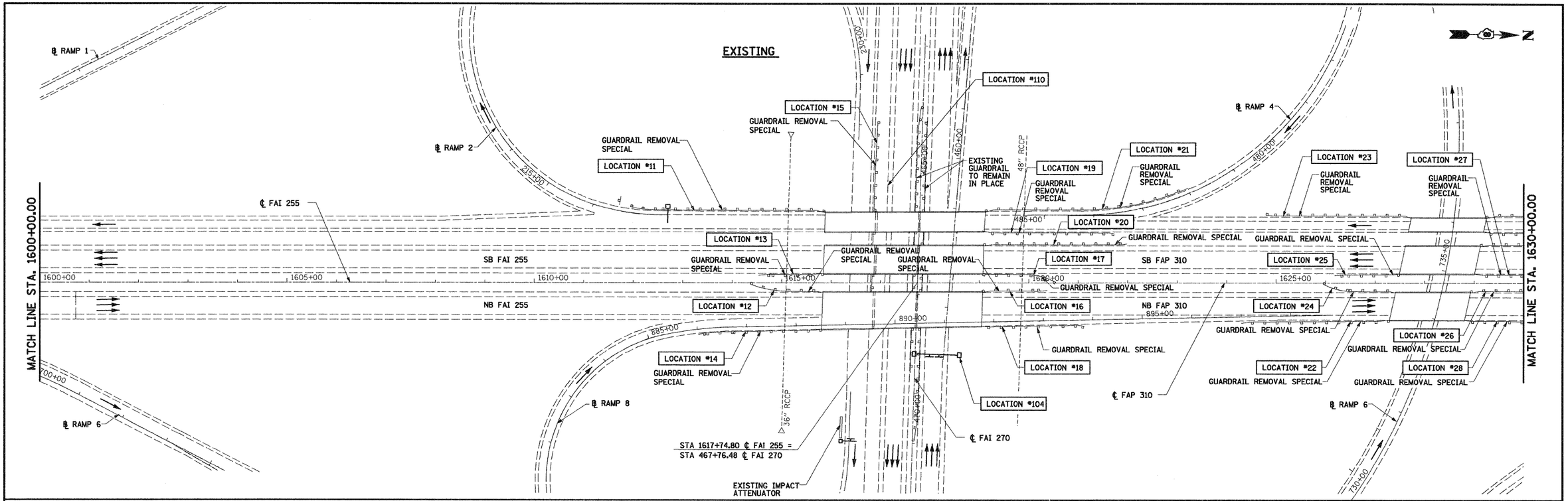
EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 8 OF 22 SHEETS | STA. 1570+00.00 TO STA. 1600+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	19
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\DB76C31-ANI-plan.dgn 12/8/2008 3:19:21 PM

EXISTING



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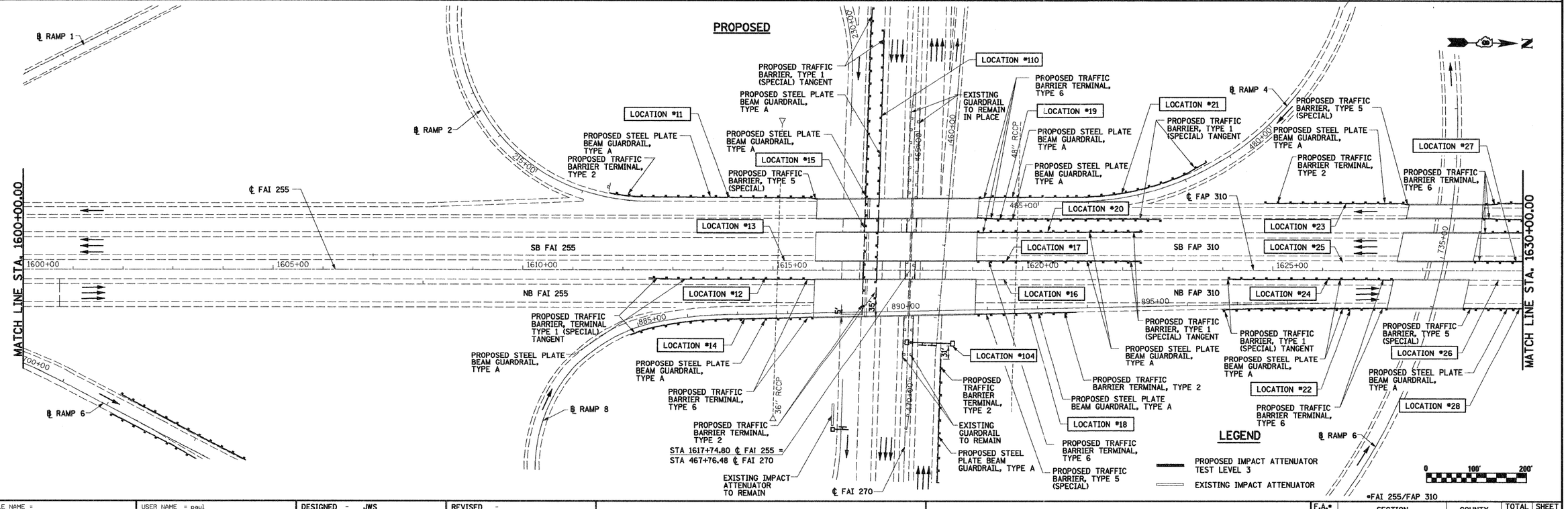

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		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

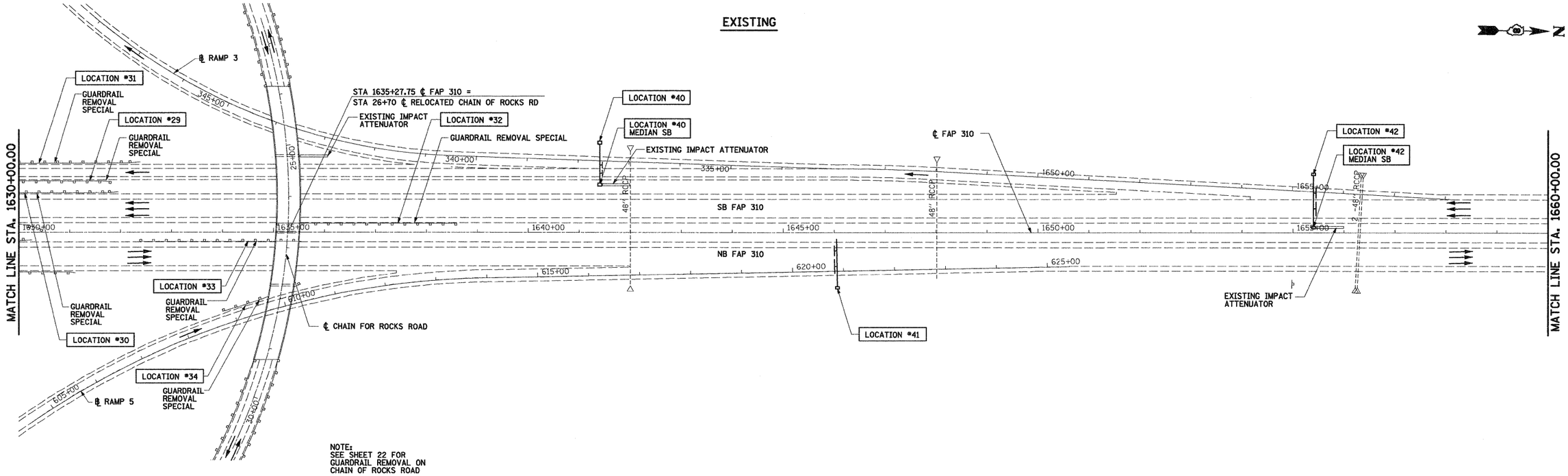
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 9 OF 22 SHEETS | STA. 1600+00.00 TO STA. 1630+00.00

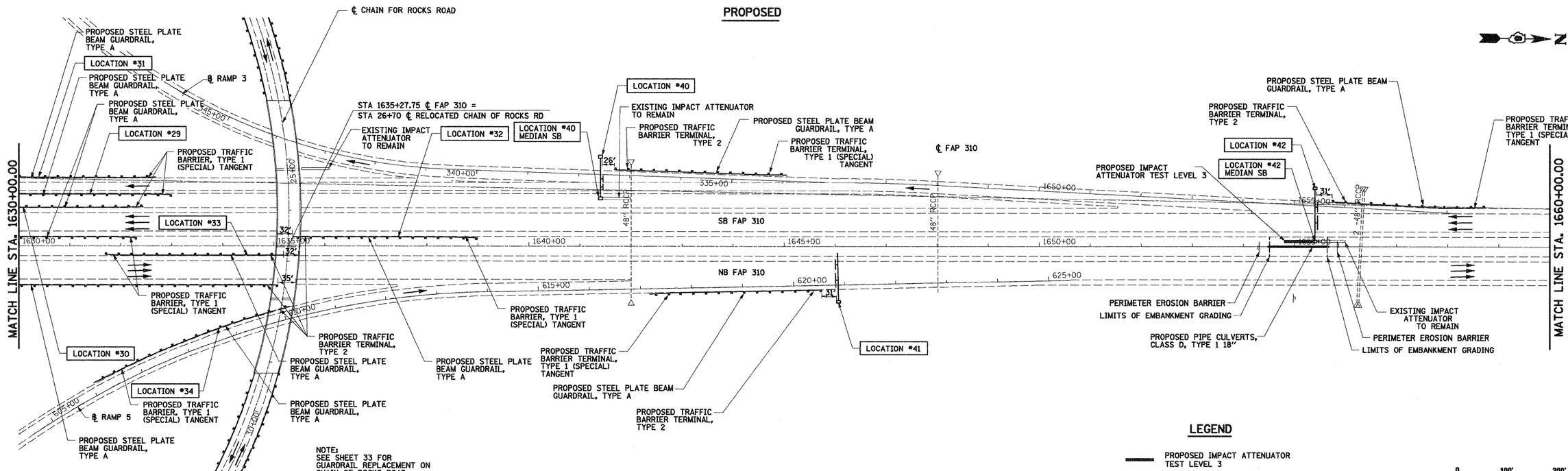
F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	20
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING



NOTE:
SEE SHEET 22 FOR GUARDRAIL REMOVAL ON CHAIN OF ROCKS ROAD

PROPOSED



NOTE:
SEE SHEET 33 FOR GUARDRAIL REPLACEMENT ON CHAIN OF ROCKS ROAD

LEGEND

PROPOSED IMPACT ATTENUATOR TEST LEVEL 3

EXISTING IMPACT ATTENUATOR

0 100' 200'

•FAI 255/FAP 310

FILE NAME = S:\Projects\487-M029-SW I-255 GUARDRAIL\dgn\CADD Sheets\CDTRC31-sht-plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

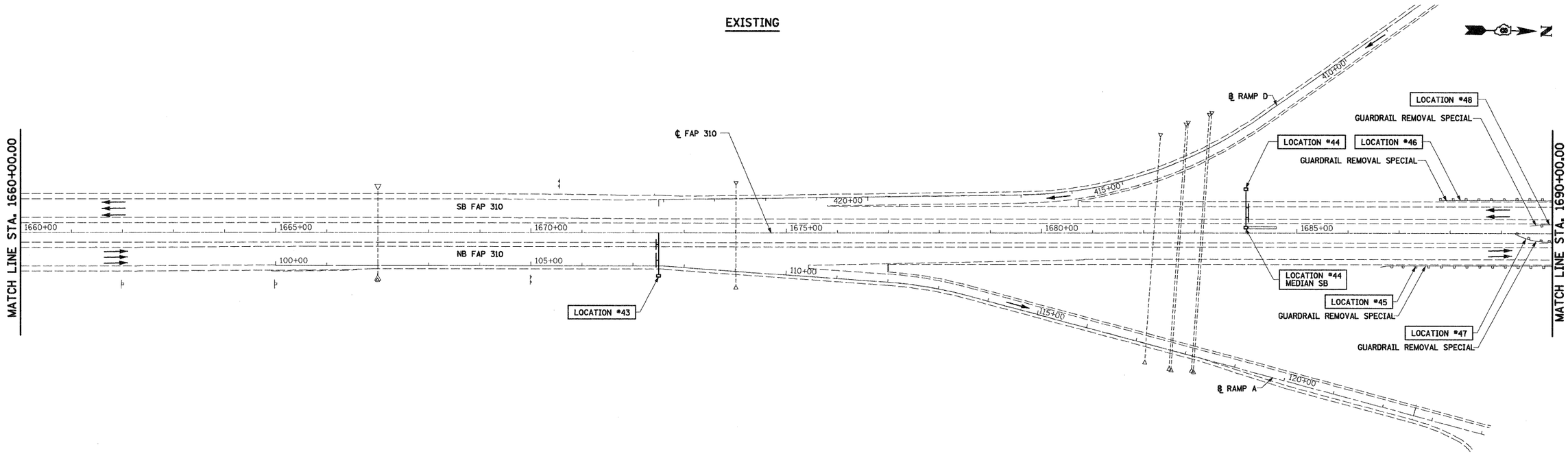
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 10 OF 22 SHEETS | STA. 1630+00.00 TO STA. 1660+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	21
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING



PROPOSED

LEGEND

PROPOSED IMPACT ATTENUATOR TEST LEVEL 3

EXISTING IMPACT ATTENUATOR

0 100' 200'

•FAI 255/FAP 310

FILE NAME = S:\Projects\407-4829-SHT 1-255 GUARDRAIL\Mdgn\CADD Sheets\D87EC31-shtplandgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

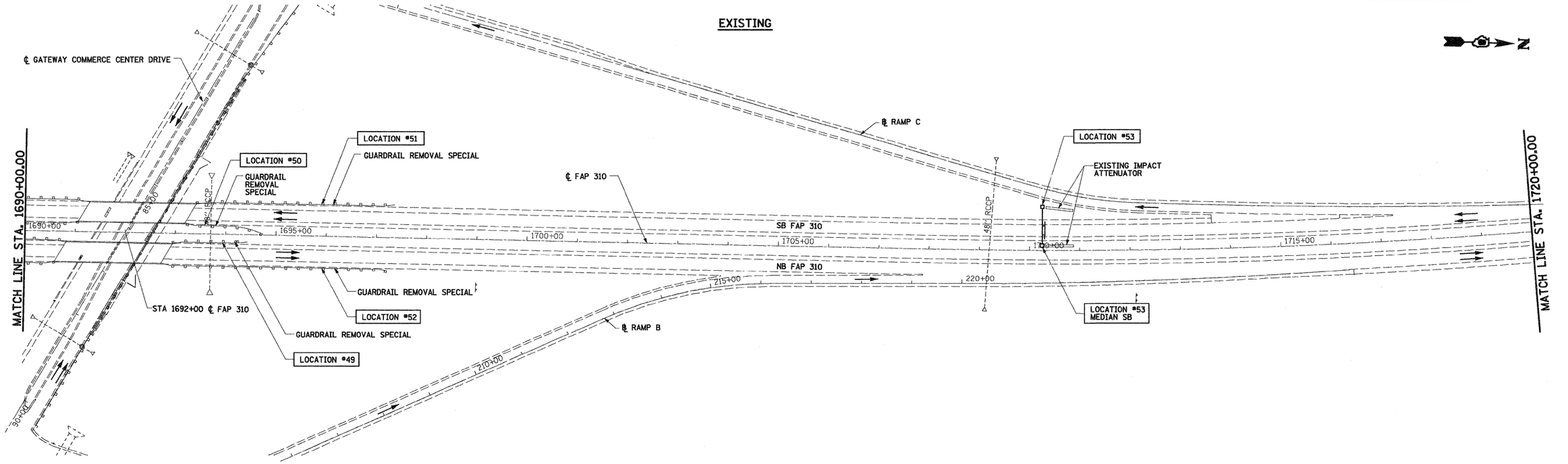
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

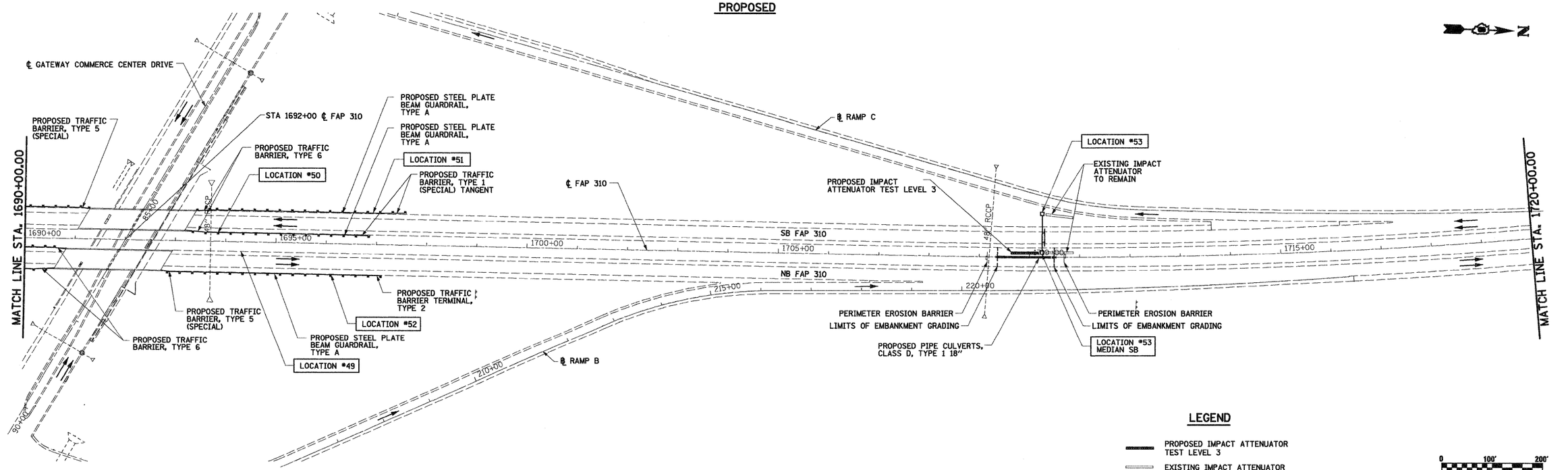
SCALE: 1"=100' | SHEET NO. 11 OF 22 SHEETS | STA. 1660+00.00 TO STA. 1690+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	22
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING



PROPOSED



LEGEND

PROPOSED IMPACT ATTENUATOR TEST LEVEL 3

EXISTING IMPACT ATTENUATOR

0 100' 200'

*FAI 255/FAP 310

FILE NAME = S:\Projects\407-8029-SHT I-255 GUARDRAIL\dgn\CADD Sheets\UD7BC31-sht-plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

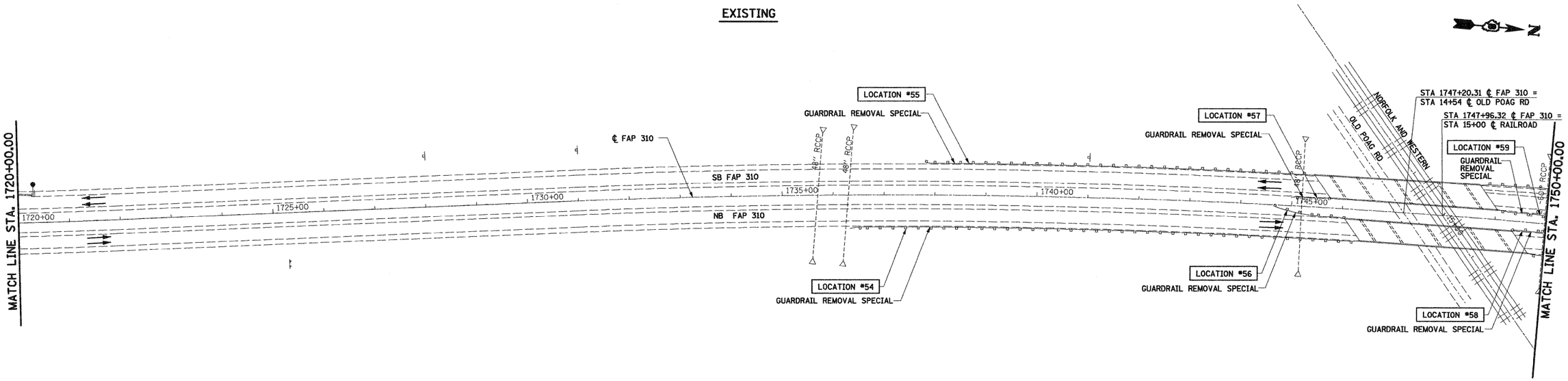
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 12 OF 22 SHEETS | STA. 1690+00.00 TO STA. 1720+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J	MADISON	37	23
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING



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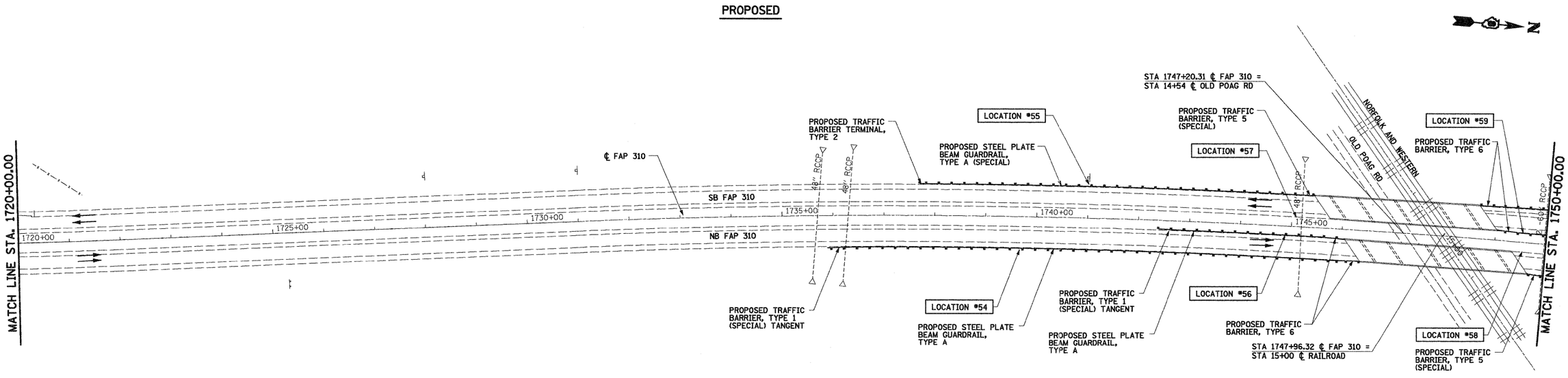

0 100' 200'

•FAI 255/FAP 310

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		DRAWN - MAB	REVISED -		
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -		SCALE: 1"=100' | SHEET NO. 13 OF 22 SHEETS | STA. 1720+00.00 TO STA. 1750+00.00
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -		

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	24
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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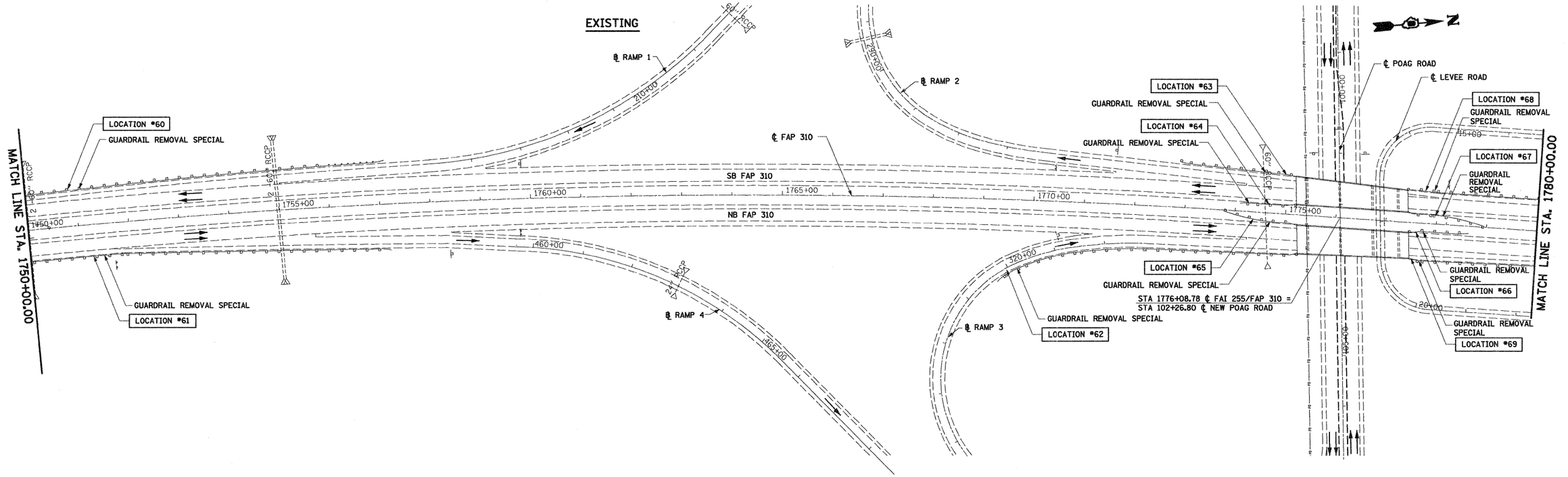
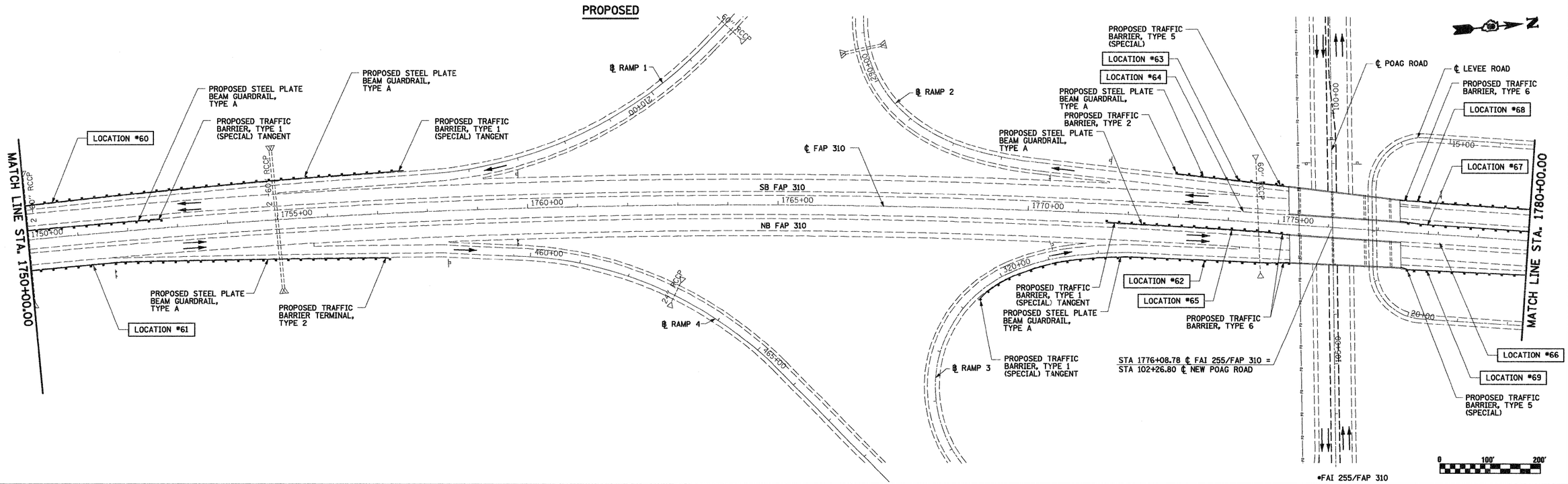


PROPOSED



*FAI 255/FAP 310

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		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 14 OF 22 SHEETS | STA. 1750+00.00 TO STA. 1780+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J	MADISON	37	25
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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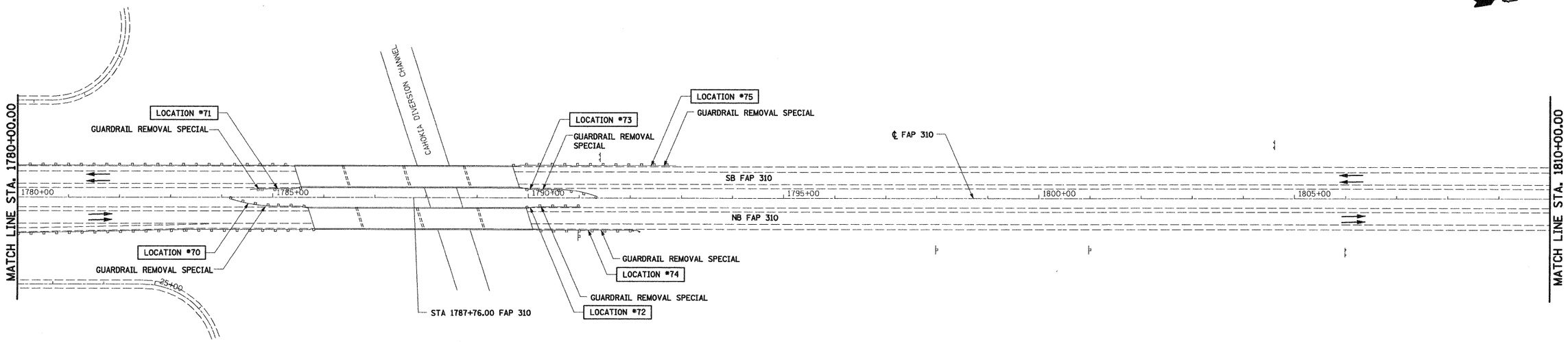

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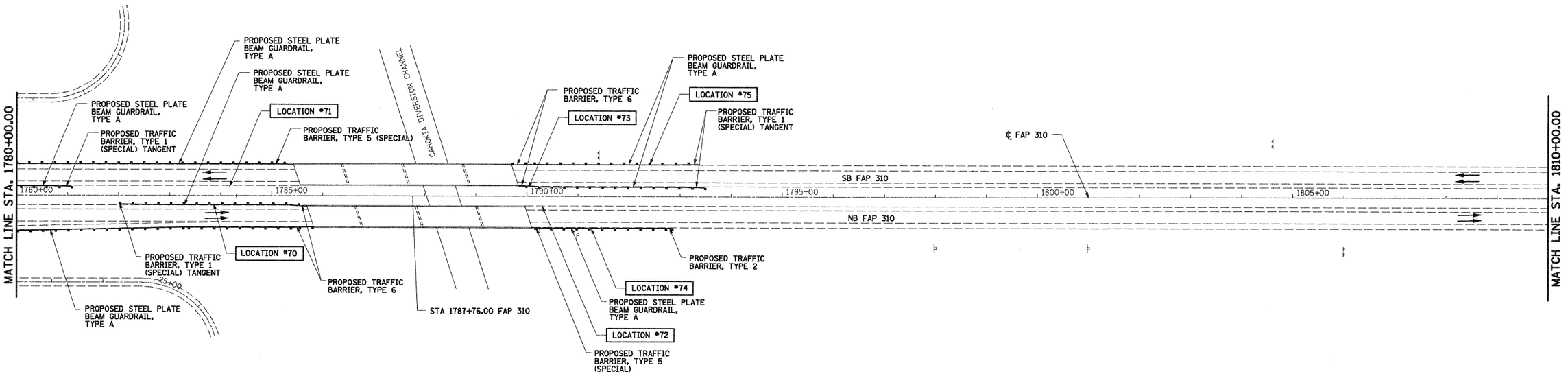

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•FAI 255/FAP 310

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		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 15 OF 22 SHEETS | STA. 1780+00.00 TO STA. 1810+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	26
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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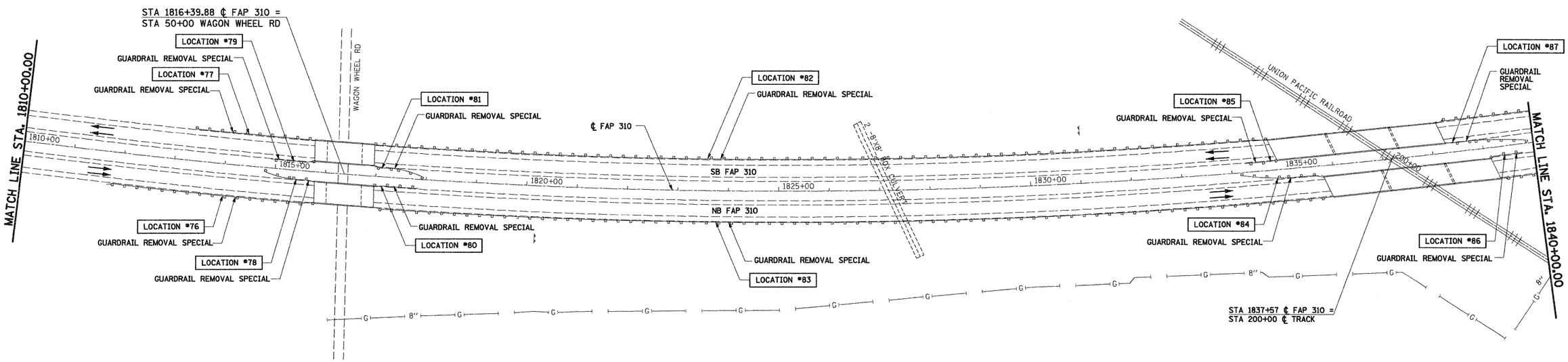
EXISTING



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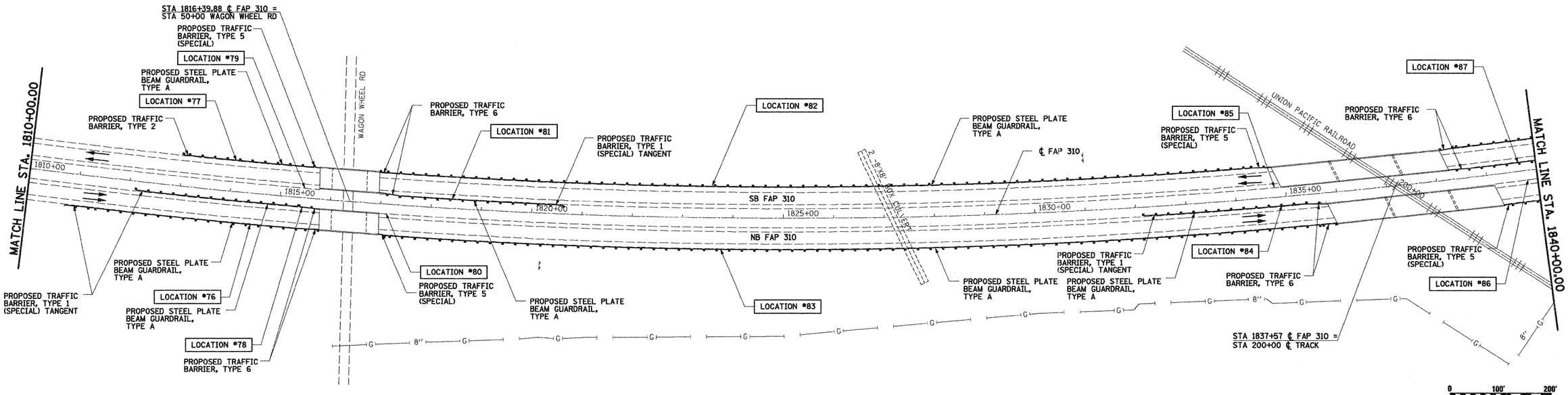

•FAI 255/FAP 310

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	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 16 OF 22 SHEETS | STA. 1810+00.00 TO STA. 1840+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	27
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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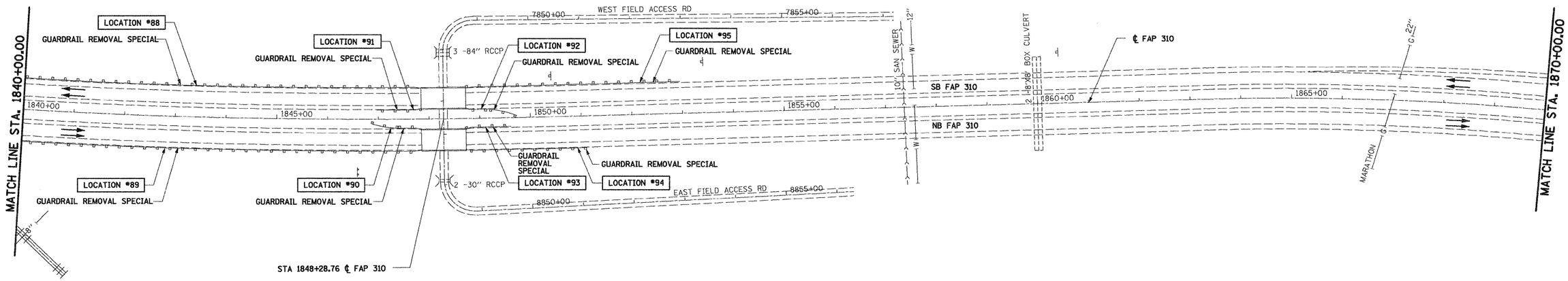

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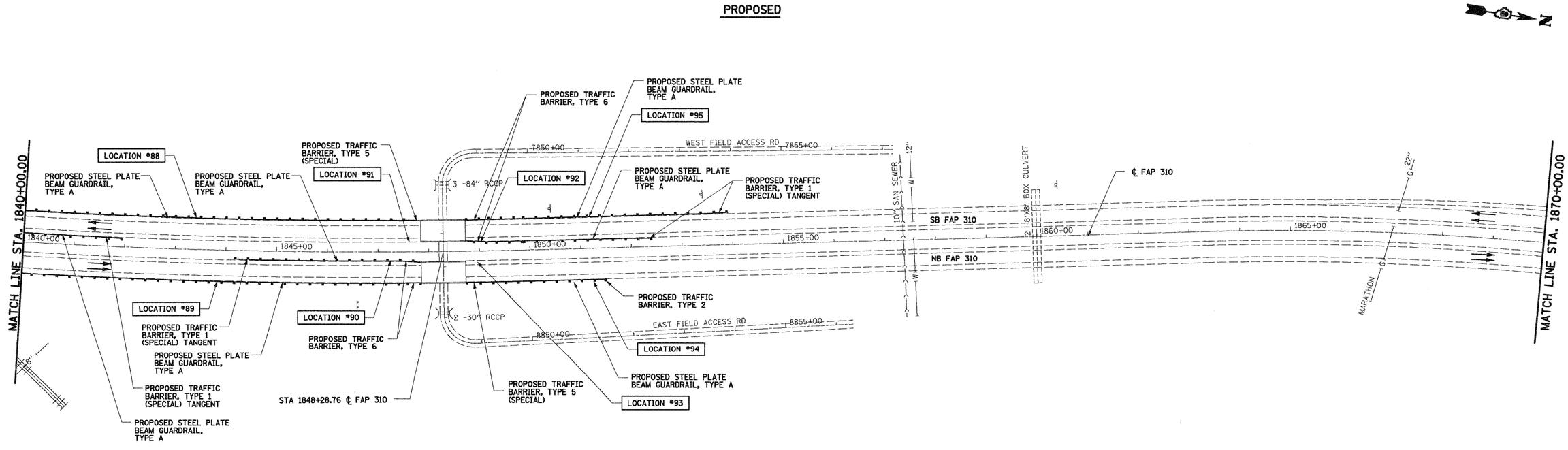

•FAI 255/FAP 310

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		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

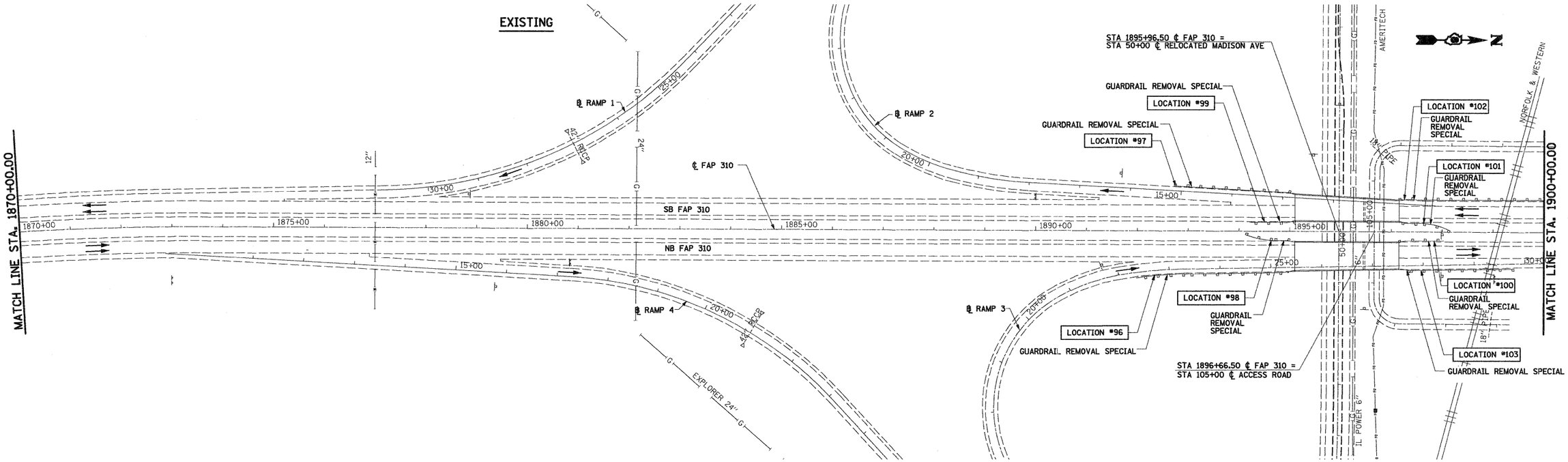
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 17 OF 22 SHEETS | STA. 1840+00.00 TO STA. 1870+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	28
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING



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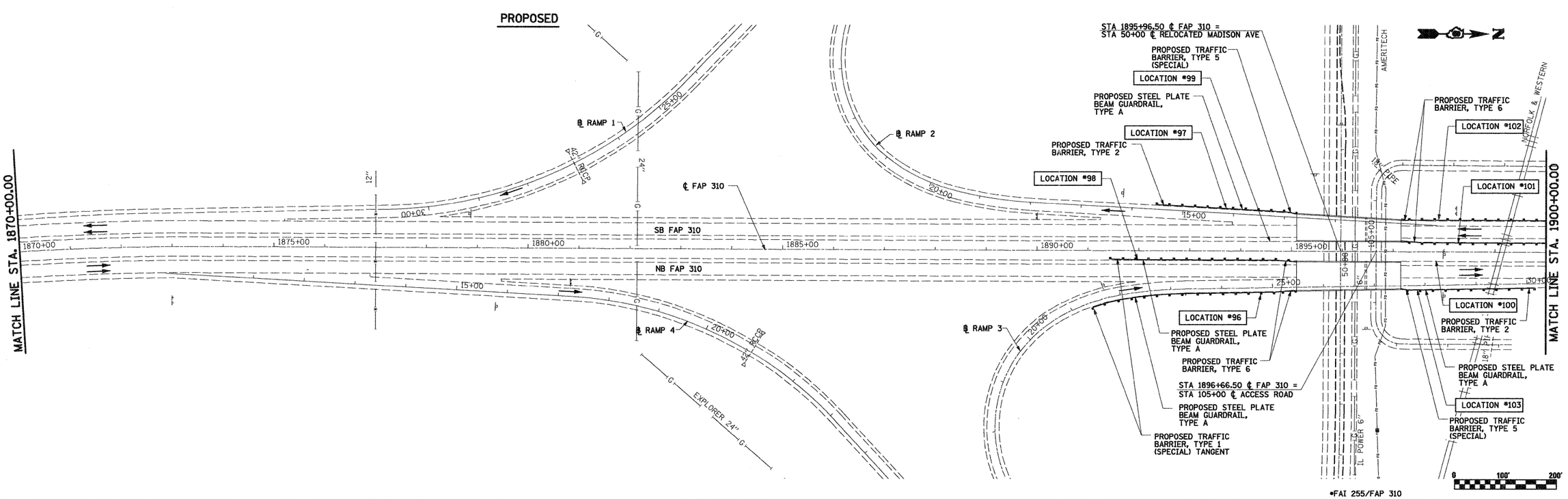

•FAI 255/FAP 310

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		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 18 OF 22 SHEETS | STA. 1870+00.00 TO STA. 1900+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	29
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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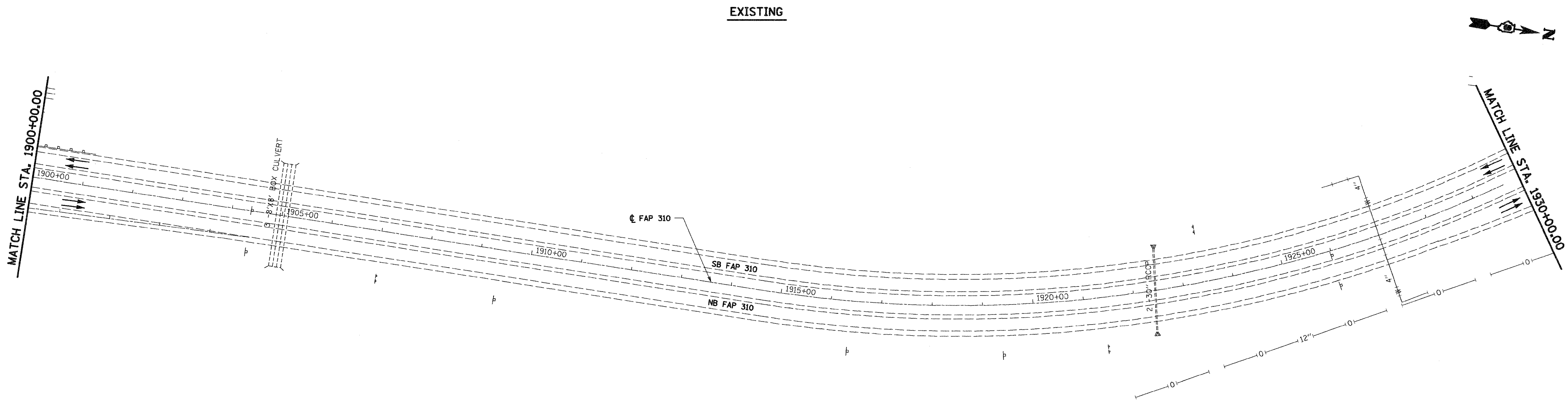
EXISTING



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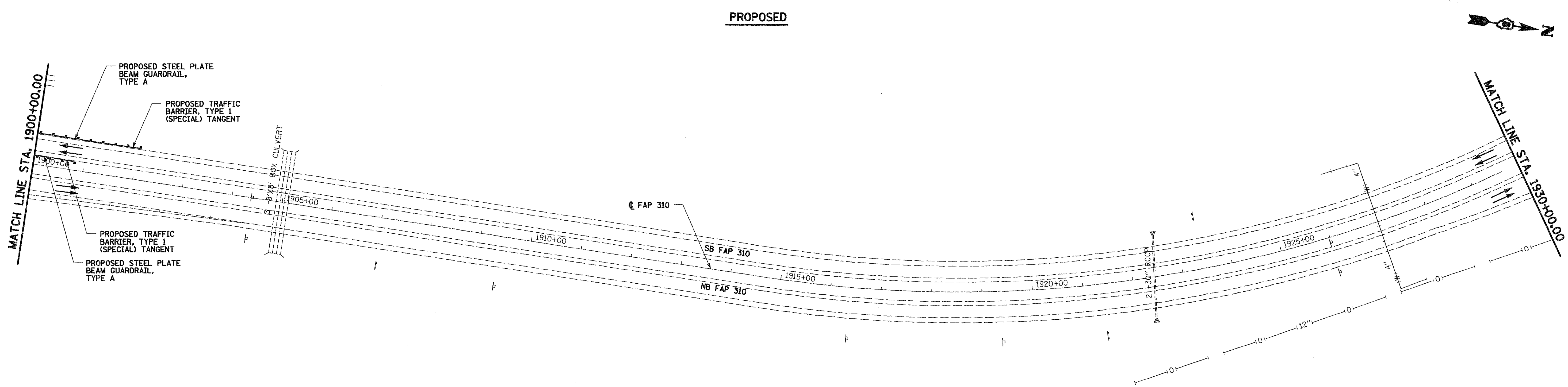

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*FAI 255/FAP 310

FILE NAME = S:\Projects\407-0029-5HY I-255 (GUARDRAIL)\dgn\CADD Sheets\D876C31-sht-plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 '/ IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 19 OF 22 SHEETS | STA. 1900+00.00 TO STA. 1930+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J	MADISON	37	30
		CONTRACT NO. 76C31		

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

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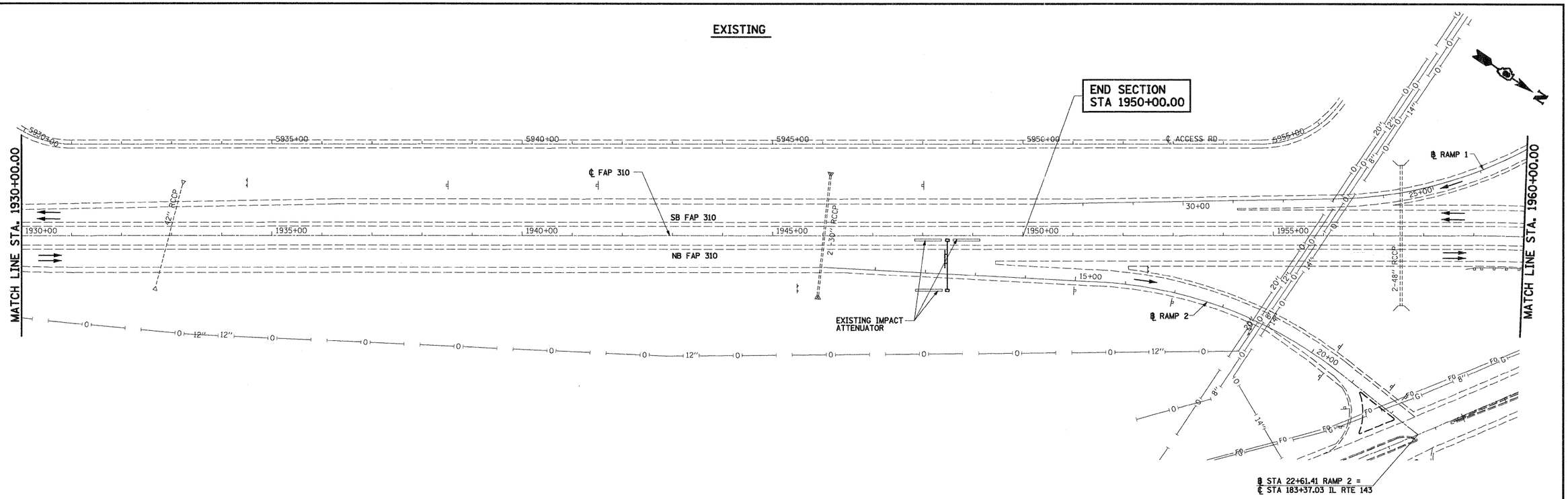
EXISTING



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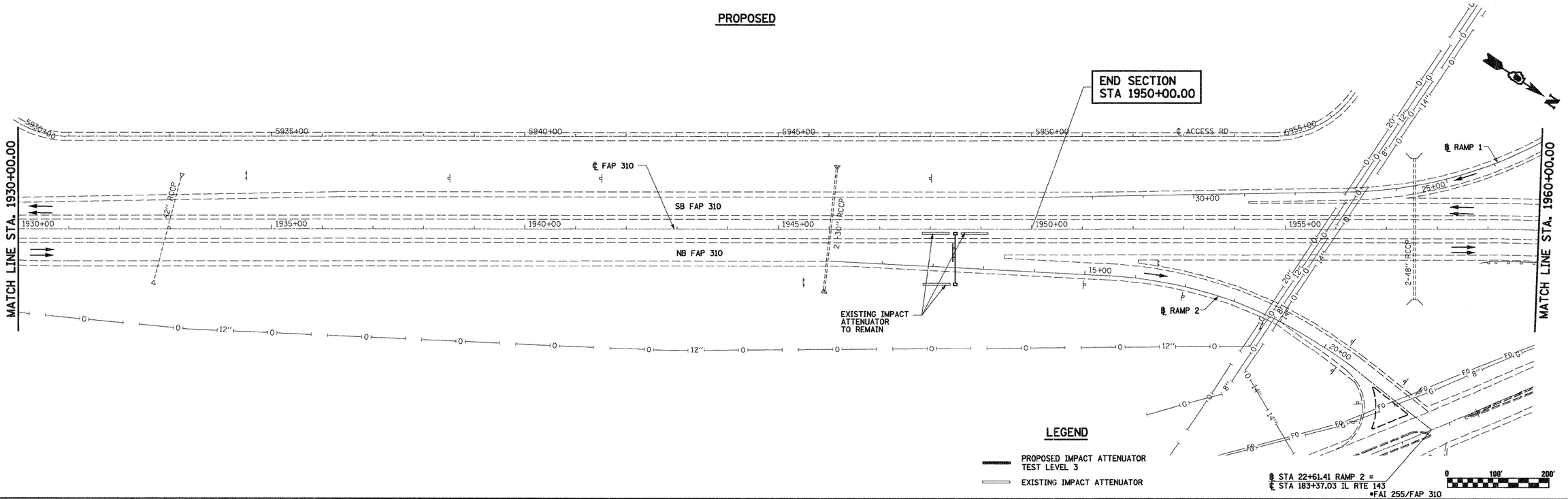

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		DRAWN - MAB	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT

SCALE: 1"=100' | SHEET NO. 20 OF 22 SHEETS | STA. 1930+00.00 TO STA. 1960+00.00

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	31
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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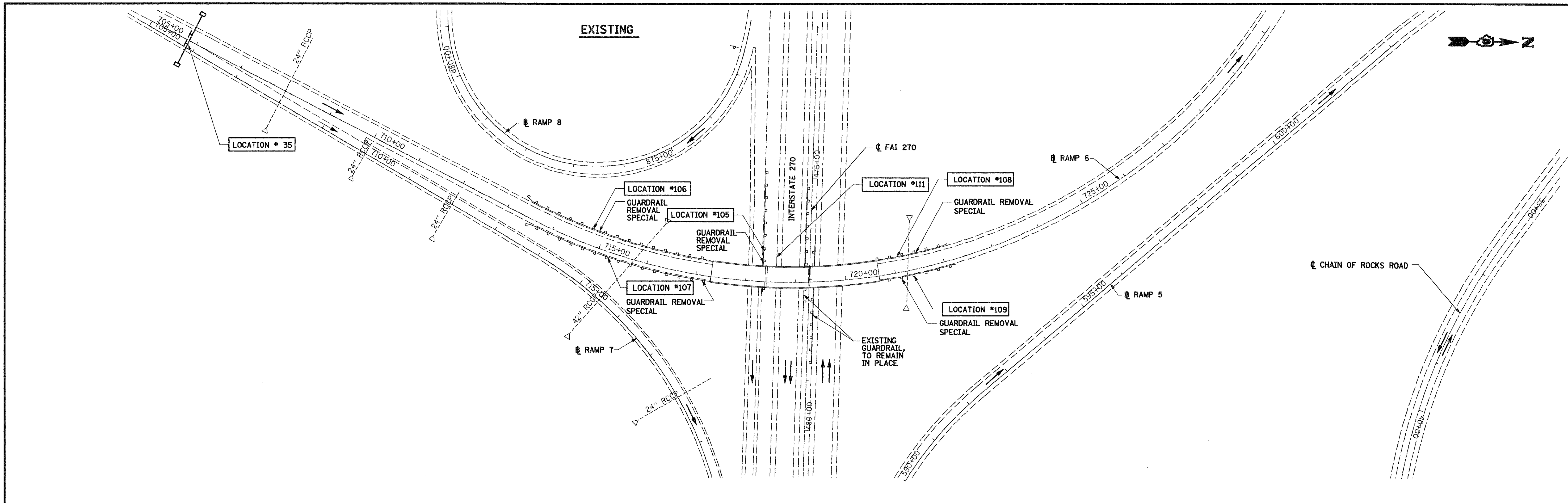
EXISTING



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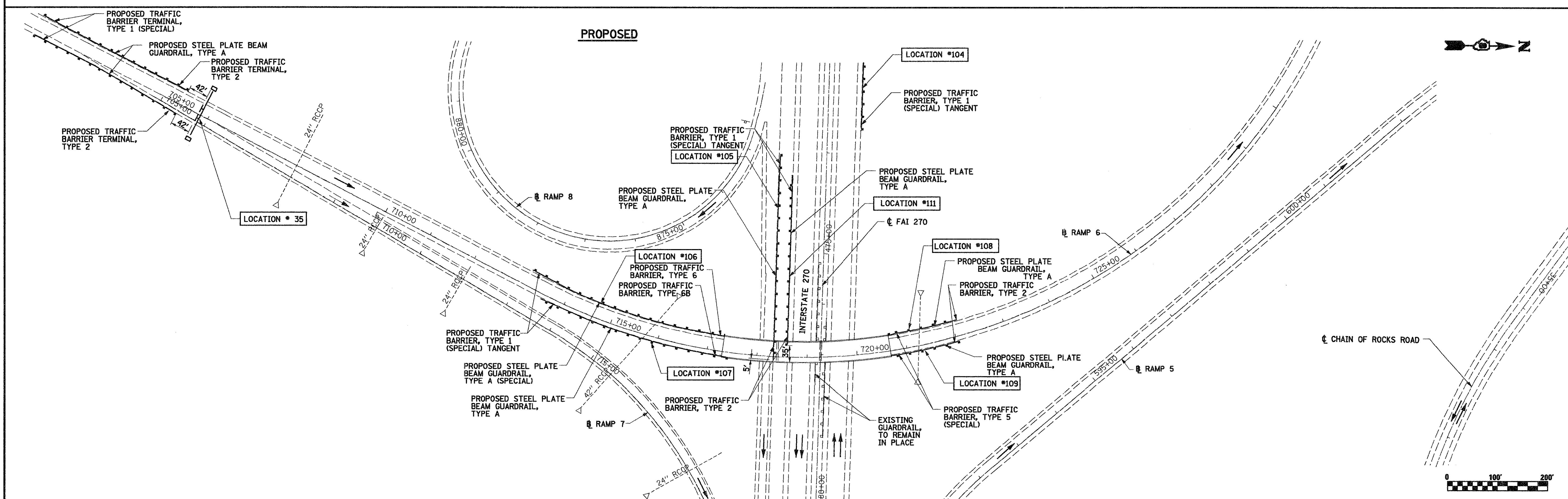

*FAI 255/FAP 310

FILE NAME = S:\Projects\487-0029-SHY I-255 GUARDRAIL?\dgn\CADD Sheets\D876C31-sht-plan.dgn	USER NAME = paul	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - MAB	REVISED -	
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - BRM	REVISED -	
	PLOT DATE = 12/8/2008	DATE - 8-19-08	REVISED -	

EXISTING AND PROPOSED GUARDRAIL REPLACEMENT
INTERSTATE 270

SCALE: 1"=100' | SHEET NO. 21 OF 22 SHEETS | STA. 472+00.00 TO STA. 501+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J	MADISON	35	32
		CONTRACT NO. 76C31		

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

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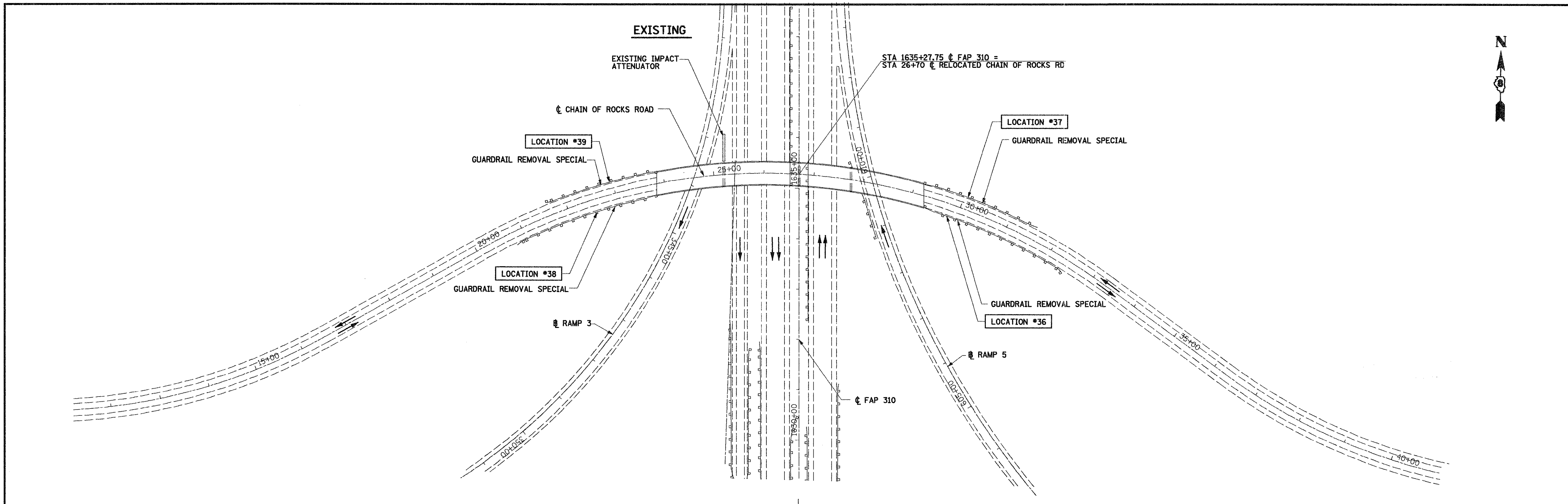

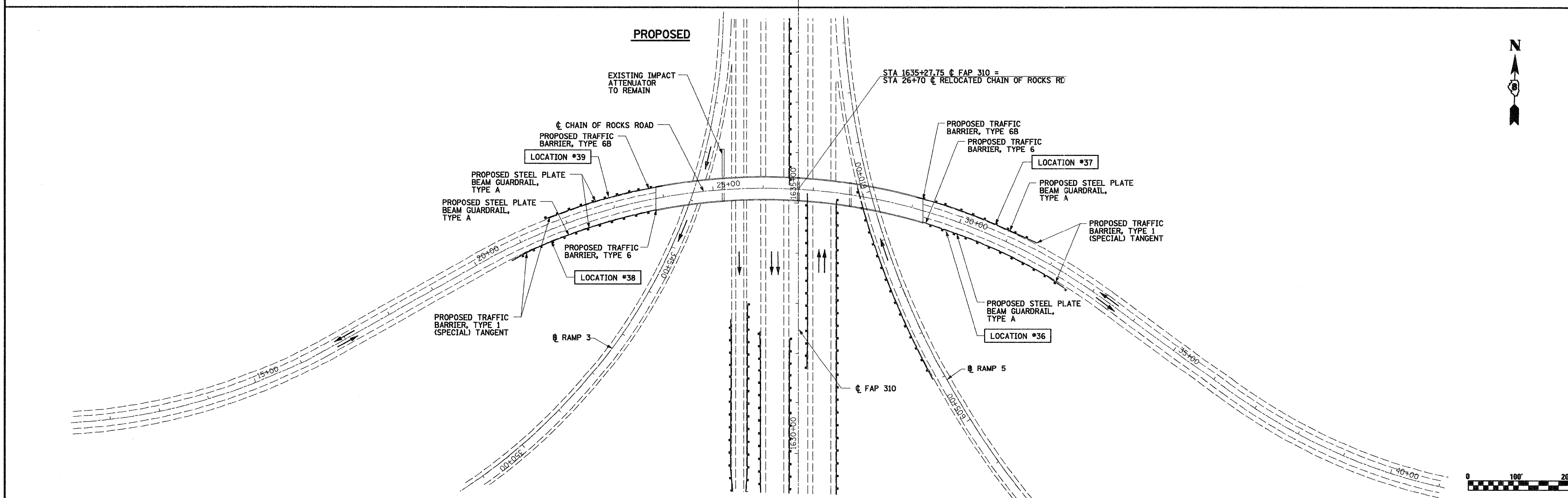

*FAI 255/FAP 310

FILE NAME =	USER NAME = paul	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED GUARDRAIL REPLACEMENT CHAIN OF ROCKS ROAD	F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\Projects\H07-0029-5HY I-255 GUARDRAIL\dgn\CADD Sheets\D876C31-sht-plan.dgn	PLOT SCALE = 100.0000 ' / IN.	DRAWN - MAB	REVISED -			*	60-(8,9,10,11)J	MADISON	35	33
	PLOT DATE = 12/8/2008	CHECKED - BRM	REVISED -			CONTRACT NO. 76C31				
		DATE - 8-19-08	REVISED -		SCALE: 1"=100' SHEET NO. 22 OF 22 SHEETS STA. 472+00.00 TO STA. 501+00.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ON MAY 30, 2003 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES. THIS PLAN HAS ALSO BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES PERMIT NUMBER ILR40 FOR DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS IF CHECKED BELOW.

NPDES PERMITS ASSOCIATED WITH THIS PROJECT:

☐ ILR10
☒ ILR40 PERMIT NO. 0493

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

MARY C. LAMIE — PRINT NAME | Mary C. Lamie — SIGNATURE

DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER — TITLE | Dec 11, 2008 — DATE

IL DEPT. OF TRANSPORTATION — AGENCY

I. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT CONSISTS OF REMOVAL AND REPLACEMENT OF EXISTING WEATHERED STEEL PLATE GUARDRAIL AND TRAFFIC BARRIER TERMINALS ALONG FAI ROUTE 255 (I-255)/FAP ROUTE 310 (ILL 255) FROM HORSESHOE LAKE ROAD TO ILLINOIS ROUTE 143 IN MADISON COUNTY, ILLINOIS. NEW STEEL PLATE BEAM GUARDRAIL AND TERMINAL SECTIONS WILL BE INSTALLED WHICH MEET CURRENT IDOT STANDARDS.

WORK ITEMS INCLUDE BORROW EXCAVATION, SEEDING, TEMPORARY EROSION CONTROL MEASURES, STONE DUMPED RIPRAP, AGGREGATE SHOULDERS, PIPE DRAINS, METAL END SECTIONS, GUARDRAIL REMOVAL (SPECIAL), STEEL PLATE BEAM GUARDRAIL, STEEL PLATE BEAM GUARDRAIL (SPECIAL), TRAFFIC BARRIER TERMINALS, IMPACT ATTENUATORS (NON-REDIRECTIVE), TRAFFIC CONTROL AND ALL OTHER NECESSARY AND COLLATERAL WORK TO COMPLETE THE GUARDRAIL REPLACEMENT PROJECT AS SHOWN ON THE PLANS AND AS SPECIFIED ELSEWHERE IN THESE PROVISIONS.

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

CONSTRUCTION WILL INCLUDE THE EXCAVATION FOR BORROW EXCAVATION, STEEL PLATE GUARDRAIL INSTALLATION AND TRAFFIC BARRIER INSTALLATION AND ALL INCIDENTAL AND COLLATERAL WORK NECESSARY TO COMPLETE THE PROJECT AS SHOWN ON THE PLANS.

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING:

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. BORROW EXCAVATION WILL BE COMPLETED ALONG THE ENTIRE LENGTH OF THE JOB AT VARIOUS LOCATIONS TO GRADE FOR THE PROPOSED INSTALLATION OF GUARDRAIL AND TERMINAL SECTIONS.

2. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL ITEMS INCLUDING PERIMETER EROSION BARRIER, SEEDING AND OTHER MISCELLANEOUS EROSION CONTROL MEASURES.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 333 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 1.5 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: 0.52

F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIVITY:

TWO SOIL TYPES ARE LOCATED WITHIN THE PROJECT AREA OF THE GUARDRAIL INSTALLATION AND IMPACT ATTENUATOR INSTALLATION ALONG FAP 310.

ORTHENTS, SILTY, HILLY (801D) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATELY HIGH TO HIGH PERMEABILITY. THE SOIL IS MODERATELY SUSCEPTIBLE TO WATER EROSION AND IS LOW TO MODERATELY SUSCEPTIBLE TO WIND EROSION. THE SLOPES ARE 5 TO 35 PERCENT.

DARWIN SILTY CLAY (8071L) - A SOMEWHAT POORLY DRAINED SOIL WITH LOW TO MODERATELY LOW PERMEABILITY. THIS SOIL IS MODERATELY SUSCEPIBLE TO WATER EROSION AND MODERATELY SUSCEPTIBLE TO WIND EROSION. THE SLOPES ARE 0 TO 2 PERCENT.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY EROSIVE AREAS ASSOCIATED WITH THIS PROJECT:

THERE ARE NO POTENTIALLY EROSIVE AREAS.

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES, THEIR LOCATIONS, AND THEIR EROSIVE FACTORS (E.G. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC):

THE NATURE AND PURPOSE OF LAND DISTRIBUTING ACTIVITIES FOR THIS PROJECT ARE TO INSTALL STEEL PLATE GUARDRAIL AND TERMINAL END SECTIONS ALONG VARIOUS PORTIONS OF THE LENGTH OF THE PROJECT. BORROW EXCAVATION WILL OCCUR. THE LOCATIONS OF BORROW EXCAVATION INCLUDE TEN LOCATIONS FOR THE PROTECTION OF SIGN TRUSSES LOCATED WITHIN THE MEDIAN.

THE TWO SOIL TYPES HAVE MODERATED EROSIVE CHARACTERISTICS. THEY ARE MODERATELY SUSCEPTIBLE TO WATER EROSION AND MODERATELY SUSCEPTIBLE TO WIND EROSION.

I. SEE THE EXISTING AND PROPOSED GUARDRAIL REPLACMENT PLAN SHEETS FOR FOR THIS CONTRACT FOR INFORMATION REGARDING DRAINAGE PATTERNS, APPROXIMATE SLOPES, ANTICIPATED BEFORE AND AFTER MAJOR GRADING ACTIVITIES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND CONTROLS TO PREVENT OFF SITE SEDIMENT TRACKING (TO BE ADDED AFTER CONTRACTORE IDENTIFIES LOCATIONS. AREAS OF SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.

J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AERIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

CAHOKIA CREEK

CAHOKIA CANAL

COUNTY DITCH

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT: (CHECK ALL THAT APPLY)

☒ SOIL SEDIMENT	☒ PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS)
☐ CONCRETE	☒ ANTIFREEZE / COOLANTS
☐ CONCRETE TRUCK WASTE	☐ WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT
☐ CONCRETE CURING COMPOUNDS	☐ OTHER (SPECIFY)________
☐ SOLID WASTE DEBRIS	☐ OTHER (SPECIFY)________
☐ PAINTS	☐ OTHER (SPECIFY)________
☐ SOLVENTS	☐ OTHER (SPECIFY)________
☐ FERTILIZERS / PESTICIDES	☐ OTHER (SPECIFY)________

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR, AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH WILL BE PROVIDED AT THE PRE-CONSTRUCTION CONFERENCE, AND ARE A PART OF, THIS PLAN:

A. EROSION AND SEDIMENT CONTROL

1. STABILIZED PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN II(A)(1)(a) AND II(A)(3), STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

a. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

☐ PRESERVATION OF MATURE VEGETATION	☐ EROSION CONTROL BLANKET / MULCHING
☐ VEGETATED BUFFER STRIPS	☐ SODDING
☐ PROTECTION OF TREES	☐ GEOTEXTILES
☒ TEMPORARY EROSION CONTROL SEEDING	☐ OTHER (SPECIFY)________
☐ TEMPORARY TURF (SEEDING, CLASS 7)	☐ OTHER (SPECIFY)________
☐ TEMPORARY MULCHING	☐ OTHER (SPECIFY)________
☒ PERMANENT SEEDING	☐ OTHER (SPECIFY)________

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. DURING ROADWAY CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED FROM DAMAGING EFFECTS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESIGNATED ON THE PLANS OR DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

2. TEMPORARY EROSION CONTROL SEEDING - THIS ITEM WILL BE APPLIED TO ALL BARE AREAS EVERY SEVEN DAYS TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE AREAS.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN 14 DAYS.

WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN 7 DAYS.

3. PERMANENT SEEDING - SEEDING, CLASS 2 WILL BE INSTALLED PER IDOT SPECIFICATIONS.

4. PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING THE FINISHED GRADING.

2. STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE FOLLOWING STRUCTURAL PRACTICES WILL BE USED FOR THIS PROJECT:(CHECK ALL THAT APPLY)

☒ PERIMETER EROSION BARRIER	☐ ROCK OUTLET PROTECTION
☐ TEMPORARY DITCH CHECK	☒ RIPRAP
☐ STORM DRAIN INLET PROTECTION	☐ GABIONS
☐ SEDIMENT TRAP	☐ SLOPE MATTRESS
☐ TEMPORARY PIPE SLOPE DRAIN	☐ RETAINING WALLS
☐ TEMPORARY SEDIMENT BASIN	☐ SLOPE WALLS
☐ TEMPORARY STREAM CROSSING	☐ CONCRETE REVETMENT MATS
☐ STABILIZED CONSTRUCTION EXITS	☐ LEVEL SPREADERS
☐ TURF REINFORCEMENT MATS	☐ OTHER (SPECIFY)________
☐ PERMANENT CHECK DAMS	☐ OTHER (SPECIFY)________
☐ PERMANENT SEDIMENT BASIN	☐ OTHER (SPECIFY)________
☐ AGGREGATE DITCH	☐ OTHER (SPECIFY)________
☐ PAVED DITCH	☐ OTHER (SPECIFY)________

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. PERIMETER EROSION BARRIER - SILT FENCES WILL BE PLACED ALONG THE BORROW EXCAVATION AREAS AS SHOWN ON THE PLANS IN AN EFFORT TO CONTAIN SILT AND RUNOFF FROM LEAVING THE SITE.

2. TEMPORARY EROSION CONTROL SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS/ACRES.

3. MULCH METHOD 1 AS APPLIED TO TEMPORARY SEEDING SHALL CONFORM TO SECTION 261 OF THE STANDARD SPECIFICATIONS. MULCH WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PRICE FOR TEMPORARY SEEDING.

4. CONSTRUCT PERIMETER EROSION CONTROL AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION

5. ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT.

6. 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 INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

7. TEMPORARY SEEDING AND MULCH SHALL BE APPLIED TO ALL ERODIBLE BARE EARTH AREAS EVERY 7 DAYS AND SHALL BE IN ACCORDANCE WITH THE TEMPORARY EROSION CONTROL SEEDING SPECIAL PROVISIONS.

*FAI 255/FAP 310

FILE NAME = S:\Projects\407-0029-5HY I-255 (GUARDRAIL)\dgn\CADD Sheets\D976C31-sht-swppp.dgn	USER NAME = paul	DESIGNED - JLS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - JLS	REVISED -	
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - BRM	REVISED -	
	PLOT DATE = 12/8/2008	DATE - 9-05-08	REVISED -	

STORM WATER POLLUTION PREVENTION PLAN

SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	60-(8,9,10,11)J DISTRI	MADISON	37	34
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

a. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES). THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-8 (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. IF PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-8 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-8, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.

b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS:

THERE ARE NO STORM WATER MANAGEMENT REQUIREMENTS FOR THIS PROJECT.

4. OTHER CONTROLS:

a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (S)HE WILL USE TO CONSTRUCT AND MAINTAIN THEM.

b. MATERIAL DELIVERY, STORAGE, AND USE - THE FOLLOWING BMPS SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:

- ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
- WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND, SUCH AS PAINT CANS, SOLVENTS, AND GREASE.
- A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
- LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
- SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.

c. STOCKPILE MANAGEMENT - BMPS SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMPS MAY BE CONSIDERED:

- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING
- TEMPORARY MULCH
- PLASTIC COVERS
- SOIL BINDERS
- STORM DRAIN INLET PROTECTION

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (S)HE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED.

d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

ALL MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS PROVIDED IN THIS PLAN ARE IN ACCORDANCE WITH "IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL".

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN.

1. SEEDING - ALL ERODIBLE BARE EARTH WILL BE TEMPORARILY SEEDED EVERY 7 DAYS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE WITHIN THE CONTRACT LIMITS.

2. PERIMETER EROSION BARRIER - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE FENCING IS IN JEOPARDY AND ANY FENCING KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.

3. EROSION CONTROL BLANKET/MULCHING - ANY AREAS THAT FAIL WILL BE REPAIRED IMMEDIATELY.

4. THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THESE PRACTICES. ALL MAINTENANCE OF EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY IDOT AFTER FINAL INSPECTION. ALL LOCATIONS WHERE VEHICLES ENTER AND EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY.

INSPECTION OF THESE AREAS SHALL BE MADE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCHES OR GREATER RAINFALL, OR AN EQUIVALENT SNOWFALL. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

IV. INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE FUELING, ETC.), BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE, SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 1/2 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT. THE INCIDENCE OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

A. SPILL PREVENTION AND CONTROL - BMPS SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY.

B. CONCRETE RESIDUALS AND WASHOUT WASTES - THE FOLLOWING BMPS SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:

1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED.

2. THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.

3. ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.

4. CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.

C. LITTER MANAGEMENT - A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.

D. VEHICLE AND EQUIPMENT CLEANING - VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.

E. VEHICLE AND EQUIPMENT FUELING - A VARIETY OF BMPS CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMPS WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (S)HE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMPS (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMPS:

1. CONTAINMENT
2. SPILL PREVENTION AND CONTROL
3. USE OF DRIP PANS AND ABSORBENTS
4. AUTOMATIC SHUT-OFF NOZZLES
5. TOPPING OFF RESTRICTIONS
6. LEAK INSPECTION AND REPAIR

F. VEHICLE AND EQUIPMENT MAINTENANCE - ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

VI. FAILURE TO COMPLY:

FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

LEGEND

TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS

EROSION CONTROL BLANKET

PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER

INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

SEDIMENT BASIN

•FAI 255/FAP 310

FILE NAME = S:\Projects\407-0029-5HY I-255 (GUARDRAIL)\dgn\CADD Sheets\D976C31-sht-swppp.dgn	USER NAME = paul	DESIGNED - JLS	REVISED -
		DRAWN - JLS	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - BRM	REVISED -
	PLOT DATE = 12/8/2008	DATE - 9-05-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: | SHEET NO. 2 OF 2 SHEETS | STA. TO STA.

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DISTRICT 8 SP 2007-3	MADISON	37	35
		CONTRACT NO. 76C31		

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

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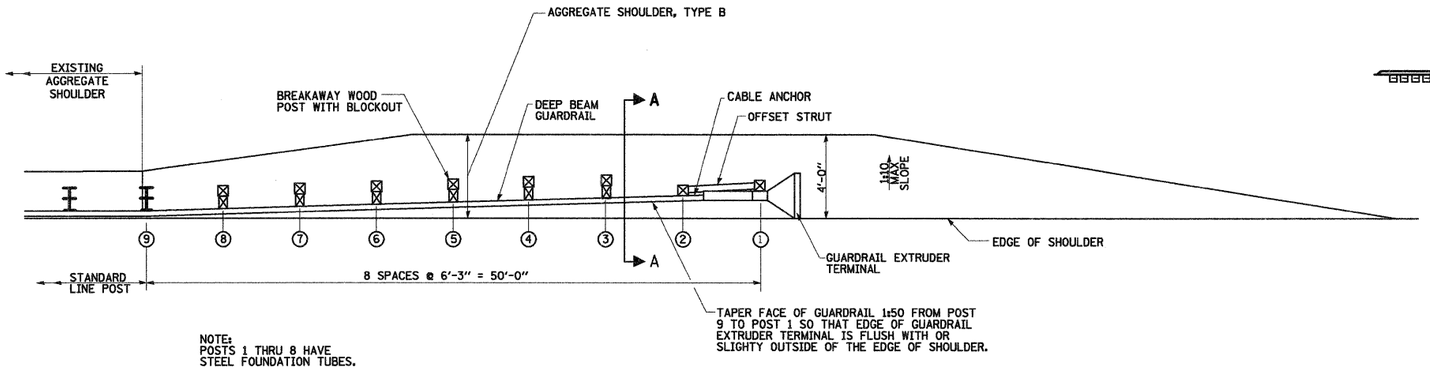
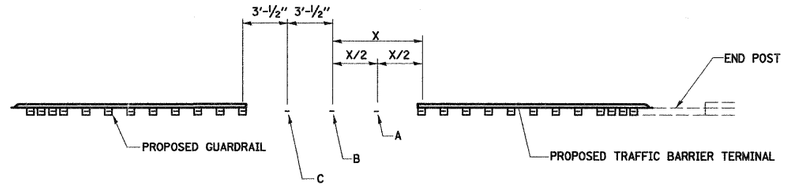


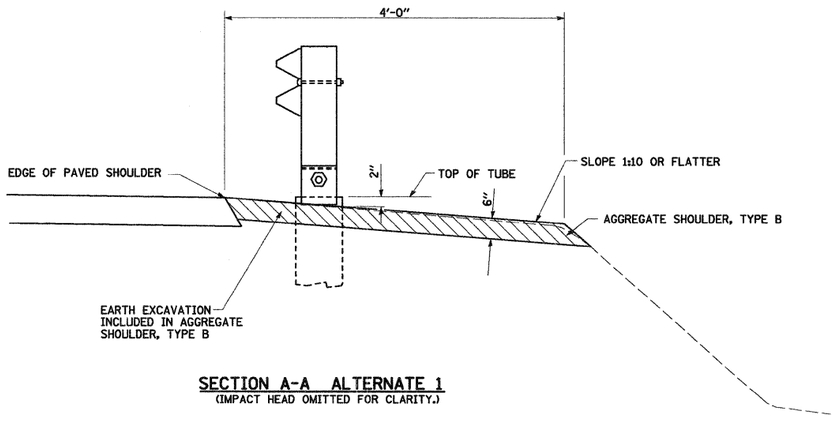
NOTE:
POSTS 1 THRU 8 HAVE
STEEL FOUNDATION TUBES.

TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL)

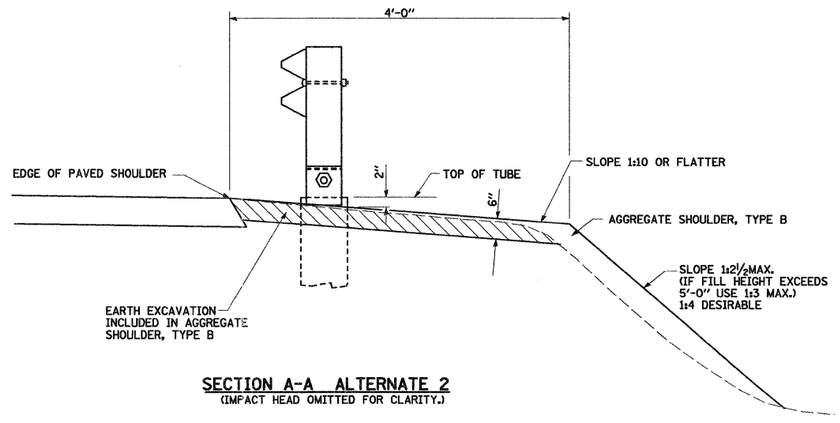


DETAIL OF TRAFFIC BARRIER TERMINAL CONNECTION TO PROPOSED GUARDRAIL SPLICE

1. INSTALL POST B HALFWAY BETWEEN POST A AND C.
2. FIELD DRILL RAIL ELEMENT AT B AND A AND ATTACH USING NEW BOLTS, NUTS AND WASHERS. PAINT DRILLED HOLES WITH ZINC-RICH PAINT.
3. INSTALL VARIABLE LENGTH RAIL TO SPAN GAP BETWEEN POST A AND C, USING NEW SPLICE PLATES, BOLTS AND NUTS.
4. ADJUST POST SPACING SO THAT X/2 IS BETWEEN 3'- 1/2" TO 6'- 3"
5. THE COST OF ADJUSTING PROPOSED GUARDRAIL TO CONNECT TO PROPOSED TRAFFIC BARRIER TERMINAL SHALL BE CONSIDERED AS INCIDENTAL TO THE INSTALLATION OF TRAFFIC BARRIER TERMINAL OF THE TYPE SPECIFIED.



SECTION A-A ALTERNATE 1
(IMPACT HEAD OMITTED FOR CLARITY.)



SECTION A-A ALTERNATE 2
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•FAI 255/FAP 310

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	PLOT DATE = 12/8/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS

SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	36
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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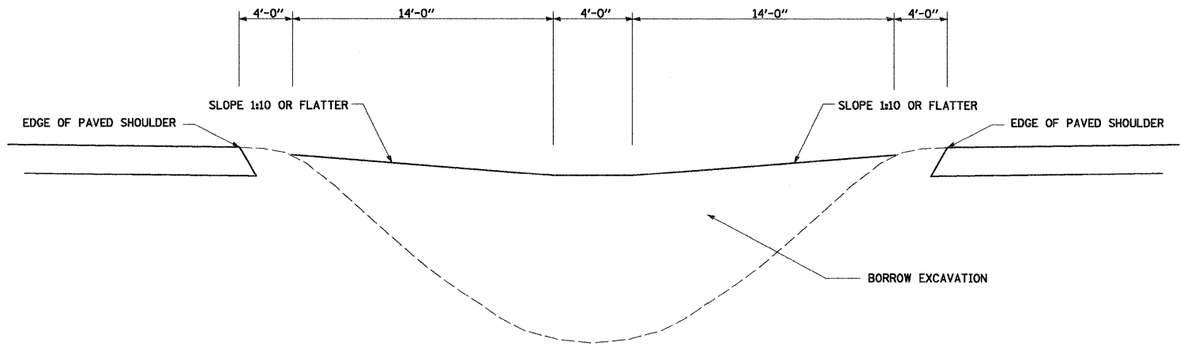
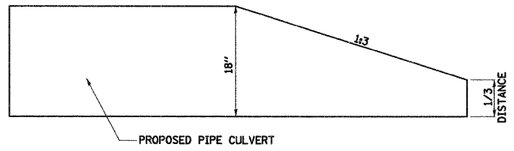


MEDIAN ATTENUATOR EMBANKMENT



BEVELED END DETAIL

THE BEVELED END PORTION WILL BE PAID FOR AT THE SAME UNIT PRICE PER FOOT AS THE PIPE CULVERT.

•FAI 255/FAP 310

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	PLOT DATE = 12/8/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EMBANKMENT DETAILS

SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	60-(8,9,10,11)J	MADISON	37	37
		CONTRACT NO. 76C31		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		