

04-26-13 LETTING ITEM 160

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION DIST.8 ATTENUATOR 2013-1
PROJECT HSIP-000S(922)
SAND BARREL ATTENUATOR UPGRADE – HSIP
VARIOUS COUNTIES

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* DIST.8 ATTENUATOR 2013	ILLINOIS	VARIOUS	16	1

*VARIOUS

D-98-013-13



LOCATION OF SECTION: VARIOUS LOCATIONS IN MADISON, BOND, ST. CLAIR, MONROE, CLINTON AND WASHINGTON COUNTIES.

END I-255/IL 255 GROUP
MILE 16.00

C-98-012-13

END I-55 /70 GROUP
MILE 18.20

BEGIN I-70 GROUP
MILE 15.80

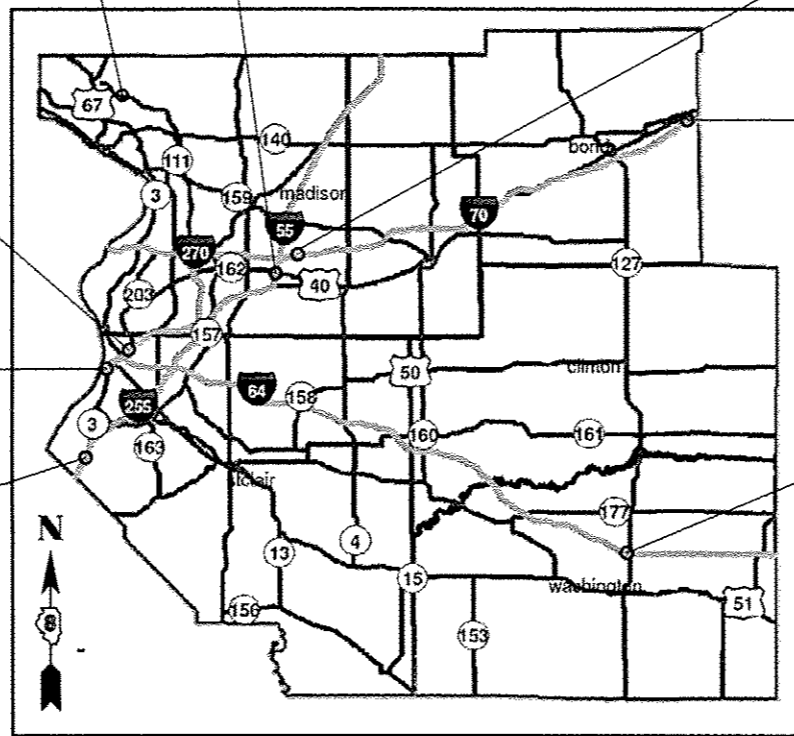
BEGIN I-64 GROUP
MILE 4.80

END I-70 GROUP
MILE 52.20

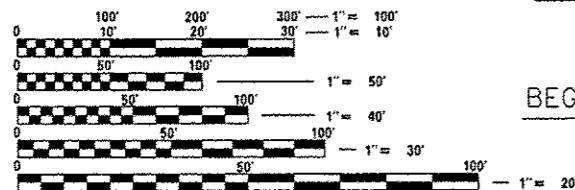
BEGIN I-55 /70 GROUP
MILE 4.00

BEGIN I-255/IL255 GROUP
MILE 10.60

END I-64 GROUP
MILE 50.00



NOT TO SCALE



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 MICHAEL PRITCHETT 618-346-3180
DESIGNER BO WEDMORE 618-346-3206

CONTRACT NO. 76G13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *March 5 20 13*

John D. Baranelli
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 22 20 13
John D. Baranelli P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

March 22 20 13
Omer Osman P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS
3. SUMMARY OF QUANTITIES
4. I-64 GROUP LOCATION MAP
5. I-70 GROUP LOCATION MAP
6. I-55/70 GROUP LOCATION MAP
7. I-255/IL 255 GROUP LOCATION MAP
8. I-64 SCHEDULE OF QUANTITIES
- 9.-10. I-70 SCHEDULE OF QUANTITIES
- 11.-12. I-55/70 SCHEDULE OF QUANTITIES
- 13.-14. I-255/IL 255 SCHEDULE OF QUANTITIES
15. IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3
16. EROSION CONTROL PLAN

GENERAL NOTES

1. EXISTING PIPE UNDERDRAIN OUTLETS AND DRAINAGE STRUCTURES IN THE MEDIAN SLOPES SHALL BE PRESERVED AND PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO AN UNDERDRAIN OUTLET RESULTING FROM CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
2. IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16 THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT AS DEFINED IN ARTICLE 107.16 REGARDLESS IF TRACK MOUNTED OR WHEELED.
3. ONE APPLICATION OF TEMPORARY EROSION CONTROL SEEDING HAS BEEN INCLUDED. THE ACTUAL QUANTITY, LOCATIONS AND APPLICATIONS SHALL BE AS DIRECTED BY THE ENGINEER. THE APPLICATION RATE SHALL BE AS PER ARTICLE 280.04(f).
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 14 DAYS IN ADVANCE OF STARTING ANY CONSTRUCTION WORK. THIS ADDITIONAL INFORMATION IS REQUIRED SO THAT THE PUBLIC CAN BE NOTIFIED OF THE PENDING CONSTRUCTION.
5. EXISTING PIPE UNDERDRAINS AFFECTED BY CONSTRUCTION SHALL BE ADJUSTED, EXTENDED AND/OR INCORPORATED INTO THE PIPE CULVERTS TO PROVIDE DRAINAGE AS DIRECTED BY THE ENGINEER. PIPE UNDERDRAIN HEADWALLS MAY NEED TO BE REMOVED AND RELOCATED. THE COST OF THIS WORK SHALL BE ACCORDING TO ARTICLE 109.04.
6. 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. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
7. UTILITY INTERFERENCES ARE NOT ANTICIPATED ON THIS CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS. NO ADDITIONAL COST SHALL BE ADDED TO THE CONTRACT RESULTING FROM UTILITY CONFLICTS.
8. EARTHWORK QUANTITIES WERE CALCULATED BY DESIGN STAFF FROM FIELD SURVEY DATA. CONTRACTOR SHALL FIELD VERIFY QUANTITIES PRIOR TO BEGINNING WORK.
9. IT HAD BEEN ASSUMED 1 INLET/PIPE PROTECTION PER ATTENUATOR.

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 643001-01 SAND MODULE IMPACT ATTENUATORS
- 701101-03 OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701400-06 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-06 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701901-02 TRAFFIC CONTROL DEVICES

COMMITMENTS

NONE

- VARIOUS
- DIST 8 ATTENUATOR 2013-1

FILE NAME *	USER NAME * wadmonejb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE * 100.0000 "/ in.	CHECKED -	REVISED -	CONTRACT NO. 76C13							
PLOT DATE * 2/8/2013	DATE -	REVISED -	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
				0021	0021
CODE NO	ITEM	UNIT		90% FED 10% STATE	
				URBAN	RURAL
20200100	EARTH EXCAVATION	CU YD	28	21	7
20400800	FURNISHED EXCAVATION	CU YD	218	89	129
* 25000210	SEEDING, CLASS 2A	ACRE	4.00	2.15	1.85
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	361	194	167
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	361	194	167
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	361	194	167
* 25100115	MULCH, METHOD 2	ACRE	8.00	4.30	3.70
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	400	215	185
28000500	INLET AND PIPE PROTECTION	EACH	80	43	37
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	65	33	32
64301090	ATTENUATOR BASE	SQ YD	1722	847	875
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.5	0.5
+ Z0076600	TRAINEES	HOURL	500	250	250
X6430120	REMOVE IMPACT ATTENUATOR, NO SALVAGE	EACH	65	33	32
+ Z0076604	TRAINEES, TRAINING PROGRAM GRADUATE	HOURL	500	250	250
X6431110	REMOVE ATTENUATOR BASE	EACH	63	31	32

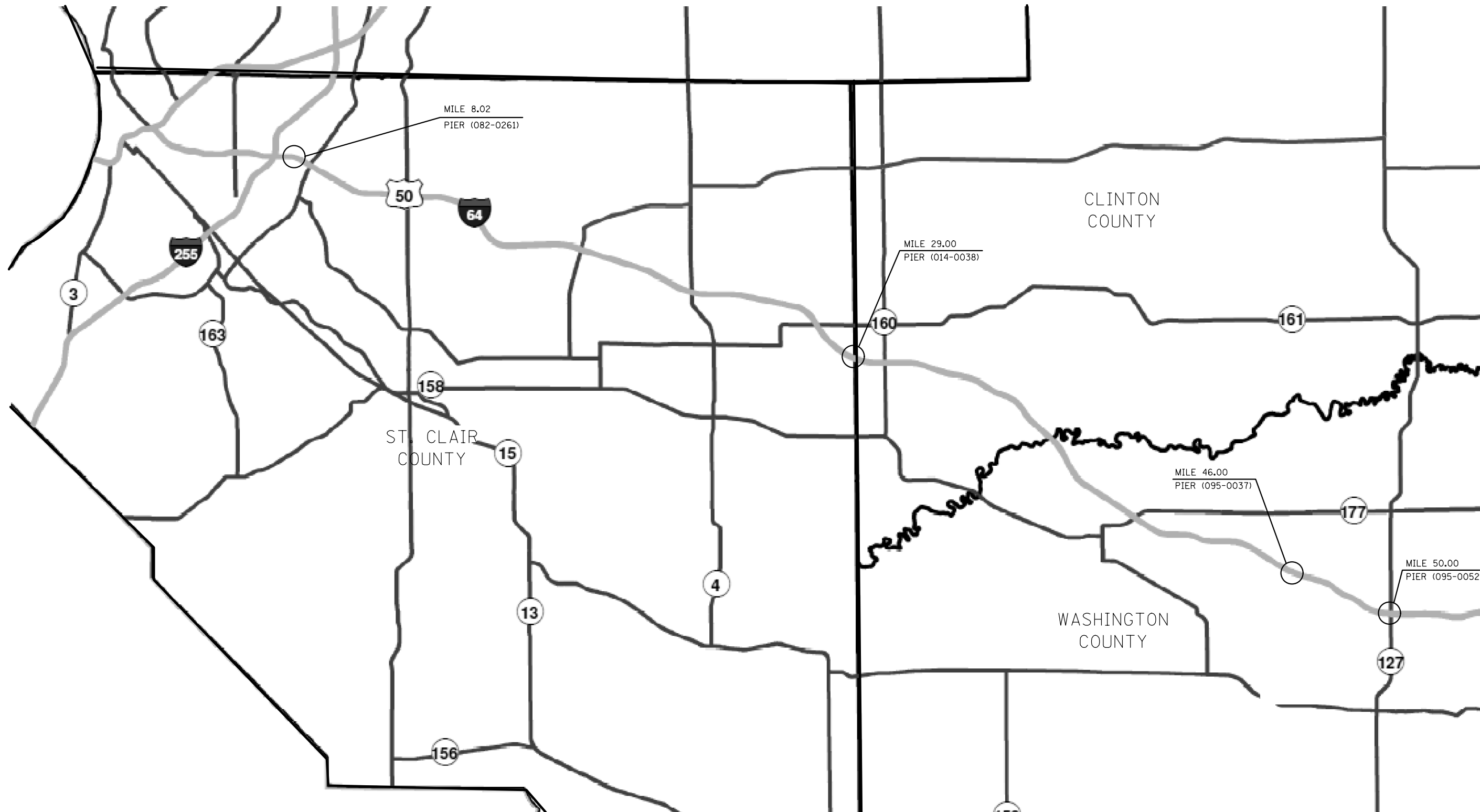
15

*SPECIALTY ITEM +0042

• VARIOUS
**DIST 6 ATTENUATOR 2013-1

FILE NAME *	USER NAME * wedmorejb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLT SCALE * 1/8"=1'-0" / in.		CHECKED -	REVISED -			CONTRACT N076G13					
PLT DATE * 2/8/2013		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

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



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	PLOT DATE = 2/8/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

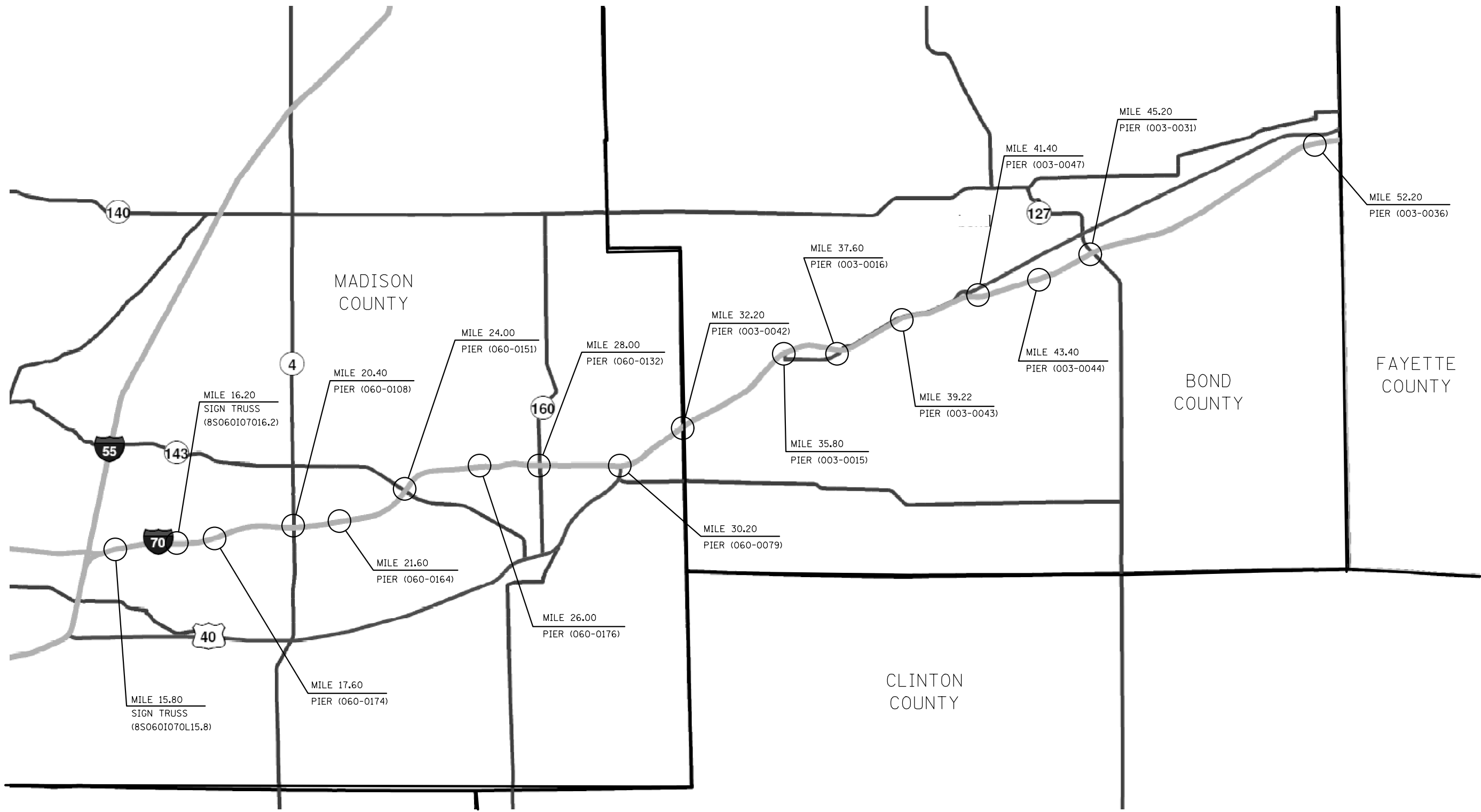
I-64 GROUP LOCATION MAP

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

NOT TO SCALE

• VARIOUS			
•• DIST 8 ATTENUATOR 2013-1			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
•	••	VARIOUS	16
			SHEET NO. 4
CONTRACT NO. 76G13			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	





• VARIOUS
 ••DIST 8 ATTENUATOR 2013-1 NOT TO SCALE

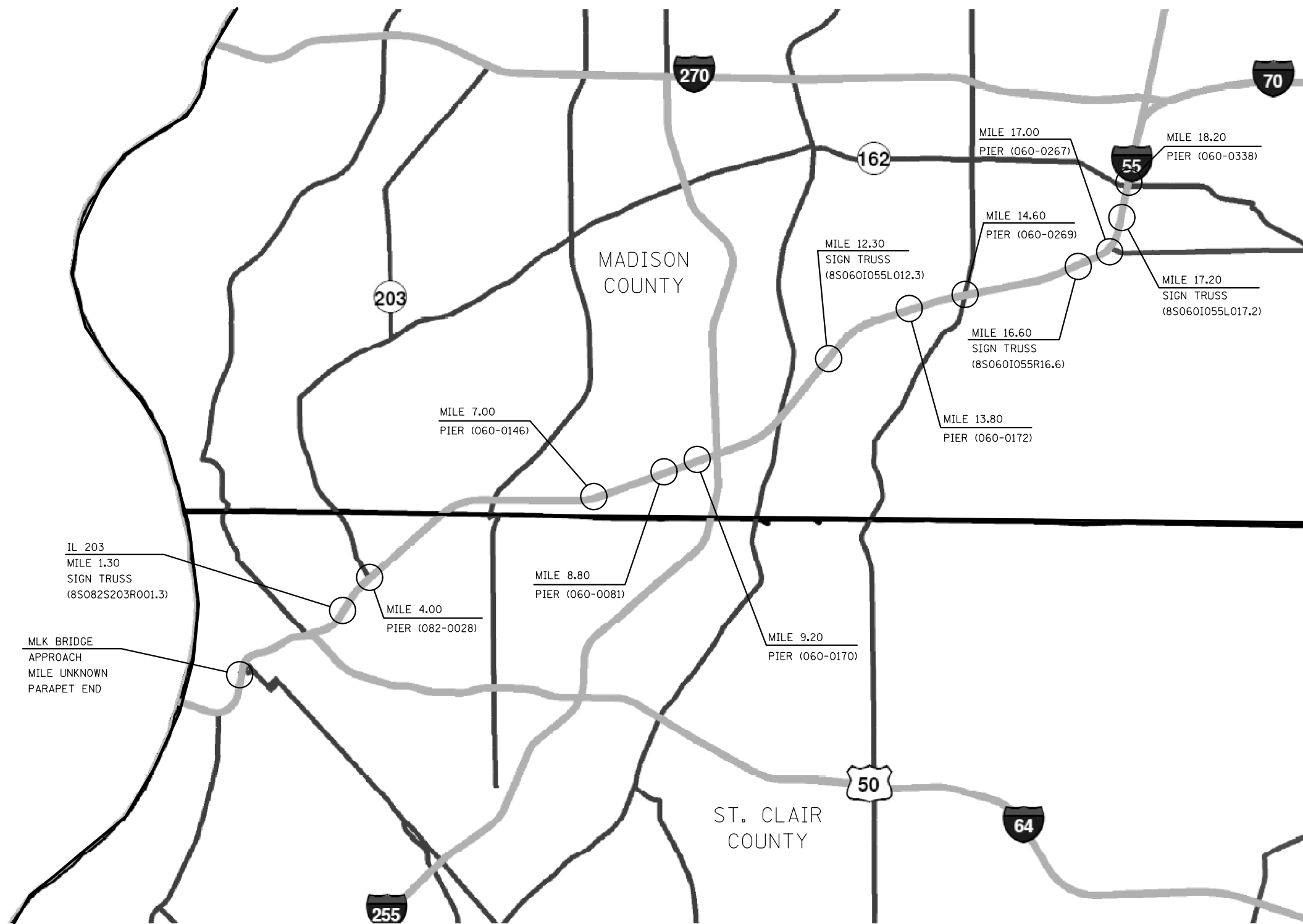
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	PLOT DATE = 2/8/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-70 GROUP LOCATION MAP

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	VARIOUS	16	5
CONTRACT NO. 76G13				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



IL 203
MILE 1.30
SIGN TRUSS
(8S082S203R001.3)

MLK BRIDGE
APPROACH
MILE UNKNOWN
PARAPET END

MILE 7.00
PIER (060-0146)

MILE 4.00
PIER (082-0028)

MILE 8.80
PIER (060-0081)

MILE 9.20
PIER (060-0170)

MILE 12.30
SIGN TRUSS
(8S060I055L012.3)

MILE 13.80
PIER (060-0172)

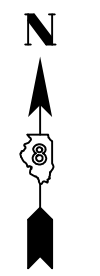
MILE 14.60
PIER (060-0269)

MILE 16.60
SIGN TRUSS
(8S060I055R16.6)

MILE 17.00
PIER (060-0267)

MILE 18.20
PIER (060-0338)

MILE 17.20
SIGN TRUSS
(8S060I055L017.2)



NOT TO SCALE

- VARIOUS
- DIST 8 ATTENUATOR 2013-1

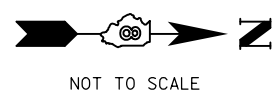
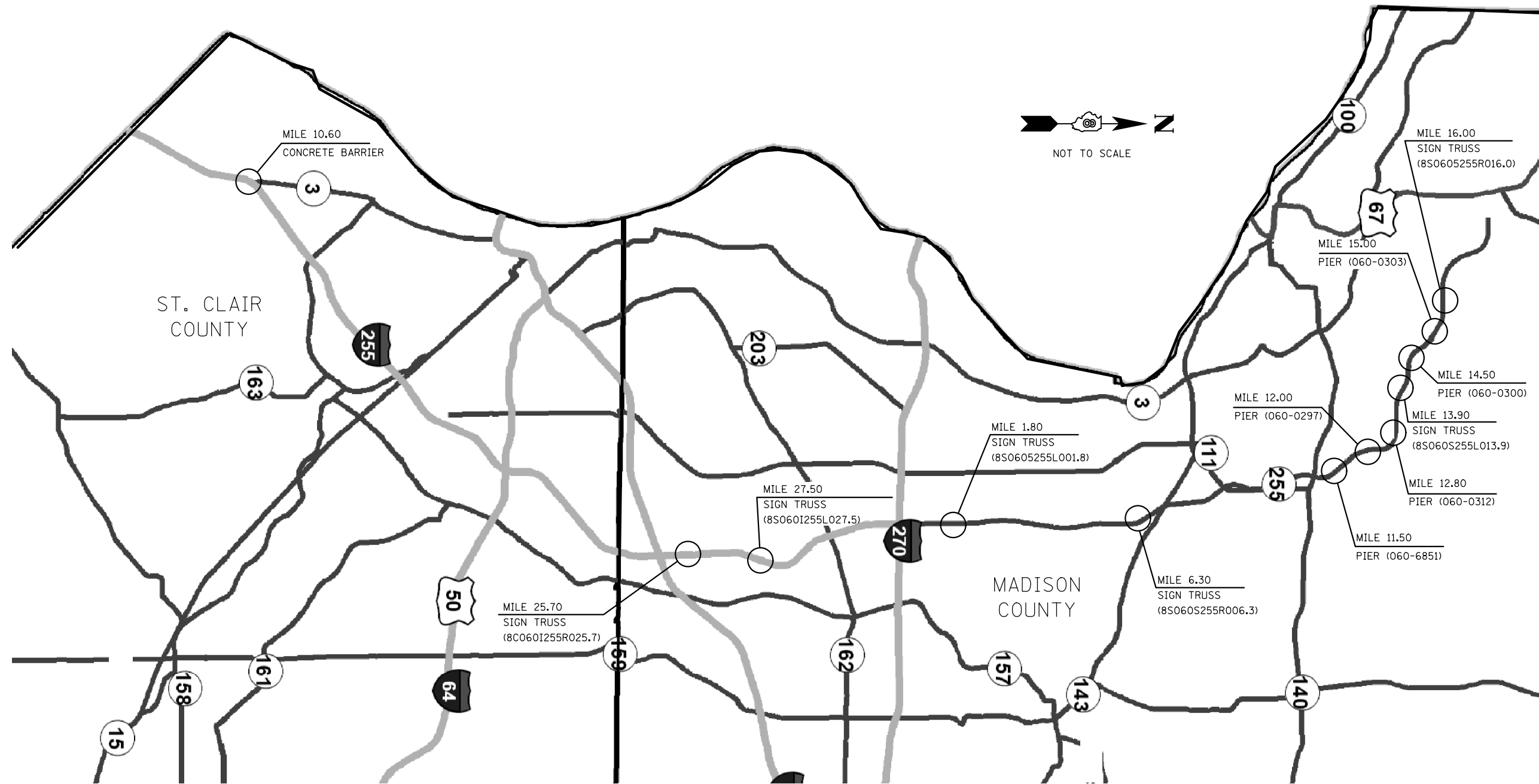
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/8/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55/70 GROUP LOCATION MAP

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	VARIOUS	16	6
CONTRACT NO. 76G13				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



• VARIOUS
 **DIST 8 ATTENUATOR 2013-1

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/8/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-255L 255 GROUP LOCATION MAP

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	**	VARIOUS	16	7
			CONTRACT NO. 76G13	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

PIER PROTECTION SCHEDULE

ROUTE LOCATION	MILE MARKER	STRUCTURE PROTECTED	DIRECTION PROTECTED	NOTES	COUNTY	URBAN/RURAL	REMOVE ATTENUATOR BASE EACH	ATTENUATOR BASE SQ YD	REMOVE IMPACT ATTENUATORS, NO SALVAGE EACH	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3 EACH
I-64	46.00	PIER (095-0037)	EB	CO HWY 27 OVERPASS	WASHINGTON	RURAL	1	27.30	1	1
			WB		WASHINGTON	RURAL	1	27.30	1	1
I-64	50.00	PIER (095-0052)	EB	IL 127, EXIT 50	WASHINGTON	RURAL	1	27.30	1	1
			WB		WASHINGTON	RURAL	1	27.30	1	1
CALCULATED QUANTITY							4	109.20	4	4
PLAN QUANTITY							4	110	4	4

SEEDING/EARTHWORK SCHEDULE

ROUTE LOCATION	MILE	STRUCTURE PROTECTED	DIRECTION PROTECTED	NOTES	COUNTY	URBAN/RURAL	SEEDING CLASS 2A ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	MULCH, METHOD 2 ACRE ¹	TEMPORARY EROSION CONTROL SEEDING POUND	INLET AND PIPE PROTECTION EACH	EARTH EXCAVATION CU YD	FURNISHED EXCAVATION CU YD
I-64	8.02	PIER (082-0261)	EB	N. 81st ST. OVERPASS	ST. CLAIR	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		1
			WB		ST. CLAIR	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		1
I-64	29.00	PIER (014-0038)	EB	CO HWY 53 CLINTON COUNTY LINE RD	CLINTON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		15
			WB		CLINTON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		17
I-64	46.00	PIER (095-0037)	EB	CO HWY 27 OVERPASS	WASHINGTON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		5
			WB		WASHINGTON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
I-64	50.00	PIER (095-0052)	EB	IL 127, EXIT 50	WASHINGTON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		18
			WB		WASHINGTON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		15
CALCULATED QUANTITY							0.4	36.0	36.0	36.0	0.8	40	8	0	72
PLAN QUANTITY							0.4	36	36	36	0.8	40	8	0	72

1. THIS QUANTITY INCLUDES AN APPLICATION FOR TEMPORARY MULCH AND FINAL MULCH.

* VARIOUS
**DIST 8 ATTENUATOR 2013-1

FILE NAME =	USER NAME = wedmore_jb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-64 SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\wedmore_jb\d0322728\d076g13-sh-t-plan.dgn		DRAWN -	REVISED -		•	••		16	8			
	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -		CONTRACT NO. 76G13							
	PLOT DATE = 2/8/2013	DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

PIER PROTECTION SCHEDULE

ROUTE LOCATION	MILE MARKER	STRUCTURE PROTECTED	DIRECTION PROTECTED	NOTES	COUNTY	URBAN/RURAL	REMOVE ATTENUATOR BASE EACH	ATTENUATOR BASE SQ YD	REMOVE IMPACT ATTENUATORS, NO SALVAGE EACH	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3 EACH
I-70	17.60	PIER (060-0174)	EB	OLD STAUNTON RD	MADISON	RURAL	1	27.30	1	1
			WB		MADISON	RURAL	1	27.30	1	1
I-70	20.40	PIER (060-0108)	EB	IL 4 OVERPASS	MADISON	RURAL	1	27.30	1	1
			WB		MADISON	RURAL	1	27.30	1	1
I-70	21.60	PIER (060-0164)	EB	MARINE RD/ CO RD 13	MADISON	RURAL	1	27.30	1	1
			WB		MADISON	RURAL	1	27.30	1	1
I-70	24.00	PIER (060-0151)	EB	IL 143 OVERPASS, EXIT 24	MADISON	RURAL	1	27.30	1	1
			WB		MADISON	RURAL	1	27.30	1	1
I-70	26.00	PIER (060-0176)	EB	PRAIRIE RD OVERPASS	MADISON	RURAL	1	27.30	1	1
			WB		MADISON	RURAL	1	27.30	1	1
I-70	28.00	PIER (060-0132)	EB	IL 160 OVERPASS	MADISON	RURAL	1	27.30	1	1
			WB		MADISON	RURAL	1	27.30	1	1
I-70	30.20	PIER (060-0079)	EB	US 40/STEINER RD OVERPASS	MADISON	RURAL	1	27.30	1	1
			WB		MADISON	RURAL	1	27.30	1	1
I-70	32.20	PIER (003-0042)	EB	BAUMANN RD MADISON/BOND CO	BOND	RURAL	1	27.30	1	1
			WB		BOND	RURAL	1	27.30	1	1
I-70	35.80	PIER (003-0015)	WB	POCAHONTAS, EXIT 36	BOND	RURAL	1	27.30	1	1
I-70	37.60	PIER (003-0016)	EB	US 40 OVERPASS	BOND	RURAL	1	27.30	1	1
			WB		BOND	RURAL	1	27.30	1	1
I-70	39.22	PIER (003-0043)	EB	SUGAR LOAF RD OVERPASS	BOND	RURAL	1	27.30	1	1
			WB		BOND	RURAL	1	27.30	1	1
I-70	41.40	PIER (003-0047)	EB	US 40, EXIT 41	BOND	RURAL	1	27.30	1	1
I-70	43.40	PIER (003-0044)	EB	DUDLEYVILLE RD	BOND	RURAL	1	27.30	1	1
			WB		BOND	RURAL	1	27.30	1	1
I-70	45.20	PIER (003-0031)	EB	IL 127, EXIT 45	BOND	RURAL	1	27.30	1	1
			WB		BOND	RURAL	1	27.30	1	1
I-70	52.20	PIER (003-0036)	EB	MULBERRY GROVE, EXIT 52	BOND	RURAL	1	27.30	1	1
			WB		BOND	RURAL	1	27.30	1	1
CALCULATED QUANTITY							28	764.40	28	28
PLAN QUANTITY							28	765	28	28

• VARIOUS
**DIST 8 ATTENUATOR 2013-1

FILE NAME =	USER NAME = wedmore JB	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-70 SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\wedmore JB\d0322728\d876g13-sh-t-plan.dgn		DRAWN -	REVISED -					•	••		16	9
		CHECKED -	REVISED -								CONTRACT NO. 76G13	
		DATE -	REVISED -					SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

SEEDING/EARTHWORK SCHEDULE

ROUTE LOCATION	MILE	STRUCTURE PROTECTED	DIRECTION PROTECTED	NOTES	COUNTY	URBAN/RURAL	SEEDING CLASS 2A ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	MULCH, METHOD 2 ACRE ²	TEMPORARY EROSION CONTROL SEEDING POUND	INLET AND PIPE PROTECTION EACH	EARTH EXCAVATION CU YD	FURNISHED EXCAVATION CU YD
I-70	15.80	SIGN TRUSS (8S060I070L015.8)	WB	I-55/70 HIGHWAY MERGER SIGN	MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		5
I-70	16.20	SIGN TRUSS (8S060I070L16.2)	WBS ¹	ITS MESSAGE BOARD	MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		10
I-70	17.60	PIER (060-0174)	EB	OLD STAUNTON RD	MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		2
			WB		MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
I-70	20.40	PIER (060-0108)	EB	IL 4 OVERPASS	MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		2
			WB		MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		3
I-70	21.60	PIER (060-0164)	EB	MARINE RD/ CO RD 13	MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		1
			WB		MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		1
I-70	24.00	PIER (060-0151)	EB	IL 143 OVERPASS, EXIT 24	MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		1
			WB		MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		2
I-70	26.00	PIER (060-0176)	EB	PRAIRIE RD OVERPASS	MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
			WB		MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1	2	
I-70	28.00	PIER (060-0132)	EB	IL 160 OVERPASS	MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1	5	10
			WB		MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
I-70	30.20	PIER (060-0079)	EB	US 40/STEINER RD OVERPASS	MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
			WB		MADISON	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		10
I-70	32.20	PIER (003-0042)	EB	BAUMANN RD MADISON/BOND CO	BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
			WB		BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		1
I-70	35.80	PIER (003-0015)	WB	POCAHONTAS, EXIT 36	BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		3
I-70	37.60	PIER (003-0016)	EB	US 40 OVERPASS	BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
			WB		BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
I-70	39.22	PIER (003-0043)	EB	SUGAR LOAF RD OVERPASS	BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
			WB		BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		2
I-70	41.40	PIER (003-0047)	EB	US 40, EXIT 41 MILLERSBURG RD	BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
			WB		BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
I-70	43.40	PIER (003-0044)	EB	DUDLEYVILLE RD	BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
			WB		BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
I-70	45.20	PIER (003-0031)	EB	IL 127, EXIT 45	BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		3
			WB		BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		3
I-70	52.20	PIER (003-0036)	EB	MULBERRY GROVE, EXIT 52	BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
			WB		BOND	RURAL	0.05	4.5	4.5	4.5	0.10	5	1		
CALCULATED QUANTITY							1.55	139.5	139.5	139.5	3.10	155	31	7	59
PLAN QUANTITY							1.55	140	140	140	3.10	155	31	7	59

1. "S" IN THE DIRECTION COLUMN REPRESENTS THE RIGHT "SHOULDER" FOR THAT DIRECTION.
2. THIS QUANTITY INCLUDES AN APPLICATION FOR TEMPORARY MULCH AND FINAL MULCH.

* VARIOUS
**DIST 8 ATTENUATOR 2013-1

FILE NAME =	USER NAME = wedmore_jb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-70 SCHEDULE OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1\dot\wedmore_jb\d0322728\d076g13-sh-t-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	*	**	VARIOUS	16	10
		CHECKED -	REVISED -		CONTRACT NO. 76G13								
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

PIER PROTECTION SCHEDULE

ROUTE LOCATION	MILE MARKER	STRUCTURE PROTECTED	DIRECTION PROTECTED	NOTES	COUNTY	URBAN/RURAL	REMOVE ATTENUATOR BASE EACH	ATTENUATOR BASE SQ YD	REMOVE IMPACT ATTENUATORS, NO SALVAGE EACH	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3 EACH
MLK Bridge	UNK	PARAPET	EB	55/70-MLK DRIVE SPLIT	ST. CLAIR	URBAN			1	1
IL 203	1.30	SIGN TRUSS (8S082S203R001.3)	SB	IL 203 @ EB I-55 RAMP	ST. CLAIR	URBAN			1	1
I-55/70	4.00	PIER (082-0028)	EB	IL 203 OVERPASS	ST. CLAIR	URBAN	1	27.30	1	1
			WB		ST. CLAIR	URBAN	1	27.30	1	1
I-55/70	7.00	PIER (060-0146)	EB	SAND PRAIRIE RD OVERPASS	MADISON	URBAN	1	27.30	1	1
I-55/70	8.80	PIER (060-0081)	EB	BLACKLANE OVERPASS INCLUDES SIGN	MADISON	URBAN	1	27.30	1	1
			WB		MADISON	URBAN	1	27.30	1	1
I-55/70	9.20	PIER (060-0170)	EB	FAIRMONT AVE OVERPASS	MADISON	URBAN	1	27.30	1	1
			WB		MADISON	URBAN	1	27.30	1	1
I-55/70	12.30	SIGN TRUSS (8S060I055L012.3)	WB	ITS MESSAGE BOARD WB	MADISON	URBAN	1	27.30	1	1
I-55/70	13.80	PIER (060-0172)	WB	PLEASANT RIDGE RD	MADISON	URBAN	1	27.30	1	1
I-55/70	14.60	PIER (060-0269)	EB	IL 159 OVERPASS, EXIT 15	MADISON	URBAN	1	27.30	1	1
I-55/70	16.60	SIGN TRUSS (8S060I055R016.6)	WB	US 40 EXIT SIGN EB	MADISON	URBAN	1	27.30	1	1
I-55/70	17.00	PIER (060-0267)	WB	US 40 OVERPASS	MADISON	URBAN	1	27.30	1	1
I-55/70	17.20	SIGN TRUSS (8S060I055L017.2)	WB	US 40 EXIT SIGN WB	MADISON	URBAN	1	27.30	1	1
I-55/70	18.20	PIER (060-0338)	EB	IL 162, EXIT 18	MADISON	URBAN	1	27.30	1	1
			WB		MADISON	URBAN	1	27.30	1	1
CALCULATED QUANTITY							15	409.50	17	17
PLAN QUANTITY							15	410	17	17

SEE NOTE 1
SEE NOTE 1

NOTES:

1. THIS LOCATION IS IN THE GORE AREA AND HAS PAVEMENT APPROACHES AND BASE. NO ATTENUATOR BASE REMOVAL OR CONSTRUCTION REQUIRED.

• VARIOUS
**DIST 8 ATTENUATOR 2013-1

FILE NAME =	USER NAME = wedmore_jb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55/70 SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1dot\wedmore_jb\0322728\076g13-sh-t-plan.dgn		DRAWN -	REVISED -								16	11
		CHECKED -	REVISED -								CONTRACT NO. 76G13	
		DATE -	REVISED -			SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

SEEDING/EARTHWORK SCHEDULE

ROUTE LOCATION	MILE MARKER	STRUCTURE PROTECTED	DIRECTION PROTECTED	NOTES	COUNTY	URBAN/RURAL	SEEDING CLASS 2A ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	MULCH, METHOD 2 ACRE ¹	TEMPORARY EROSION CONTROL SEEDING POUND	INLET AND PIPE PROTECTION EACH	EARTH EXCAVATION CU YD	FURNISHED EXCAVATION CU YD	
I-55/70	4.00	PIER (082-0028)	EB	IL 203 OVERPASS	ST. CLAIR	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
			WB		ST. CLAIR	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
I-55/70	7.00	PIER (060-0146)	EB	SAND PRAIRIE RD OVERPASS	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
			WB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1	1		
I-55/70	8.80	PIER (060-0081)	EB	BLACKLANE OVERPASS INCLUDES SIGN	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
			WB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
I-55/70	9.20	PIER (060-0170)	EB	FAIRMONT AVE OVERPASS	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
			WB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
I-55/70	12.30	SIGN TRUSS (8S060I055L012.3)	WB	ITS MESSAGE BOARD WB	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		2	
I-55/70	13.80	PIER (060-0172)	WB	PLEASANT RIDGE RD	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1	1	1	
I-55/70	14.60	PIER (060-0269)	EB	IL 159 OVERPASS, EXIT 15	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
I-55/70	16.60	SIGN TRUSS (8S060I055R016.6)	WB	US 40 EXIT SIGN EB	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
I-55/70	17.00	PIER (060-0267)	WB	US 40 OVERPASS	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
I-55/70	17.20	SIGN TRUSS (8S060I055L017.2)	WB	US 40 EXIT SIGN WB	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
I-55/70	18.20	PIER (060-0338)	EB	IL 162, EXIT 18	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1			
			WB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1	5		
CALCULATED QUANTITY							0.8	72.0	72.0	72.0	1.6	80	16	1	9	
PLAN QUANTITY							0.8	72	72	72	1.6	80	16	1	9	

1. THIS QUANTITY INCLUDES AN APPLICATION FOR TEMPORARY MULCH AND FINAL MULCH.

* VARIOUS
**DIST 8 ATTENUATOR 2013-1

PIER PROTECTION SCHEDULE

ROUTE LOCATION	MILE MARKER	STRUCTURE PROTECTED	DIRECTION PROTECTED	NOTES	COUNTY	URBAN/RURAL	REMOVE ATTENUATOR BASE EACH	ATTENUATOR BASE SQ YD	REMOVE IMPACT ATTENUATORS, NO SALVAGE EACH	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3 EACH
I-255	25.70	SIGN TRUSS (8C060I255R025.7)	NBS ¹	HORSESHOE LAKE RD. EXIT SIGN	MADISON	URBAN	1	27.30	1	1
I-255	27.50	SIGN TRUSS (8S060I255L027.5)	NB	SB OVERHEAD SIGN	MADISON	URBAN	1	27.30	1	1
IL 255	1.80	SIGN TRUSS (8S060S255L001.8)	SB	I-270, I-255 EXIT 30 SIGN	MADISON	URBAN	1	27.30	1	1
IL 255	6.30	SIGN TRUSS (8S060S255R006.3)	NBS ¹	NB OVERHEAD SIGN EXIT 6	MADISON	URBAN	1	27.30	1	1
			NB		MADISON	URBAN	1	27.30	1	1
			SB		MADISON	URBAN	1	27.30	1	1
IL 255	13.90	SIGN TRUSS (8S060S255L013.9)	SBS ¹	SB OVERHEAD SIGN EXIT 13 FOSTERBERG RD	MADISON	URBAN	1	27.30	1	1
			SB		MADISON	URBAN	1	27.30	1	1
			NB		MADISON	URBAN	1	27.30	1	1
IL 255	14.50	PIER (060-0300)	NB	VONNAHMEN RD OVERPASS	MADISON	URBAN	1	27.30	1	1
			SB		MADISON	URBAN	1	27.30	1	1
IL 255	15.00	PIER (060-0303)	NB	WOOD STATION RD OVERPASS	MADISON	URBAN	1	27.30	1	1
			SB		MADISON	URBAN	1	27.30	1	1
IL 255	16.00	SIGN TRUSS (8S060S255R016.0)	NBS ¹	SEMINARY RD EXIT 16	MADISON	URBAN	1	27.30	1	1
			NB		MADISON	URBAN	1	27.30	1	1
			SB		MADISON	URBAN	1	27.30	1	1
CALCULATED QUANTITY							16	436.80	16	16
PLAN QUANTITY							16	437	16	16

IN GORE FOR EXIT RAMP AND IL 255

1. "S" IN THE DIRECTION COLUMN REPRESENTS THE RIGHT "SHOULDER" FOR THAT DIRECTION.

* VARIOUS
**DIST 8 ATTENUATOR 2013-1

FILE NAME =	USER NAME = wedmore.jb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-255/IL 255 SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\p\work\p\dot\wedmore.jb\d0322728\d076g13-sh-t-plan.dgn	DRAWN -	REVISED -										
	CHECKED -	REVISED -										
	DATE -	REVISED -										
	PLOT SCALE = 100.0000' / 1" =				SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 76G13			
	PLOT DATE = 2/8/2013				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

SEEDING/EARTHWORK SCHEDULE

ROUTE LOCATION	MILE MARKER	STRUCTURE PROTECTED	DIRECTION PROTECTED	NOTES	COUNTY	URBAN/RURAL	SEEDING CLASS 2A ACRE	NITROGEN FERTILIZER NUTRIENT POUND	PHOSPHORUS FERTILIZER NUTRIENT POUND	POTASSIUM FERTILIZER NUTRIENT POUND	MULCH, METHOD 2 ACRE ²	TEMPORARY EROSION CONTROL SEEDING POUND	INLET AND PIPE PROTECTION EACH	EARTH EXCAVATION CU YD	FURNISHED EXCAVATION CU YD
I-255	25.70	SIGN TRUSS (8C060I255R025.7)	NBS ¹	HORSESHOE LAKE RD. EXIT SIGN	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		1
I-255	27.50	SIGN TRUSS (8S060I255L027.5)	NB	SB OVERHEAD SIGN	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		5
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		2
IL 255	1.80	SIGN TRUSS (8S060S255L001.8)	NB	I-270, I-255 EXIT 30 SIGN	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
			SBS ¹		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
IL 255	6.30	SIGN TRUSS (8S060S255R006.3)	NBS ¹	NB OVERHEAD SIGN EXIT 6	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
			NB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		2
IL 255	11.50	PIER (060-6851)	NB	W. CORBIN ST.	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
IL 255	12.00	PIER (060-0297)	NB	14th ST./CULP LN.	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		2
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1	20	
IL 255	12.80	PIER (060-0312)	NB	STUTZ LN	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		22
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		12
IL 255	13.90	SIGN TRUSS (8S060S255L013.9)	SBS ¹	SB OVERHEAD SIGN EXIT 13 FOSTERBERG RD	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
			NB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
IL 255	14.50	PIER (060-0300)	NB	VONNAHMEN RD OVERPASS	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		2
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		14
IL 255	15.00	PIER (060-0303)	NB	WOOD STATION RD OVERPASS	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		0
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		16
IL 255	16.00	SIGN TRUSS (8S060S255R016.0)	NBS ¹	SEMINARY RD EXIT 16	MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
			NB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
			SB		MADISON	URBAN	0.05	4.5	4.5	4.5	0.10	5	1		
CALCULATED QUANTITY							1.25	112.5	112.5	112.5	2.50	125	25	20	78
PLAN QUANTITY							1.25	113	113	113	2.50	125	25	20	78

1. "S" IN THE DIRECTION COLUMN REPRESENTS THE RIGHT "SHOULDER" FOR THAT DIRECTION.
2. THIS QUANTITY INCLUDES AN APPLICATION FOR TEMPORARY MULCH AND FINAL MULCH.

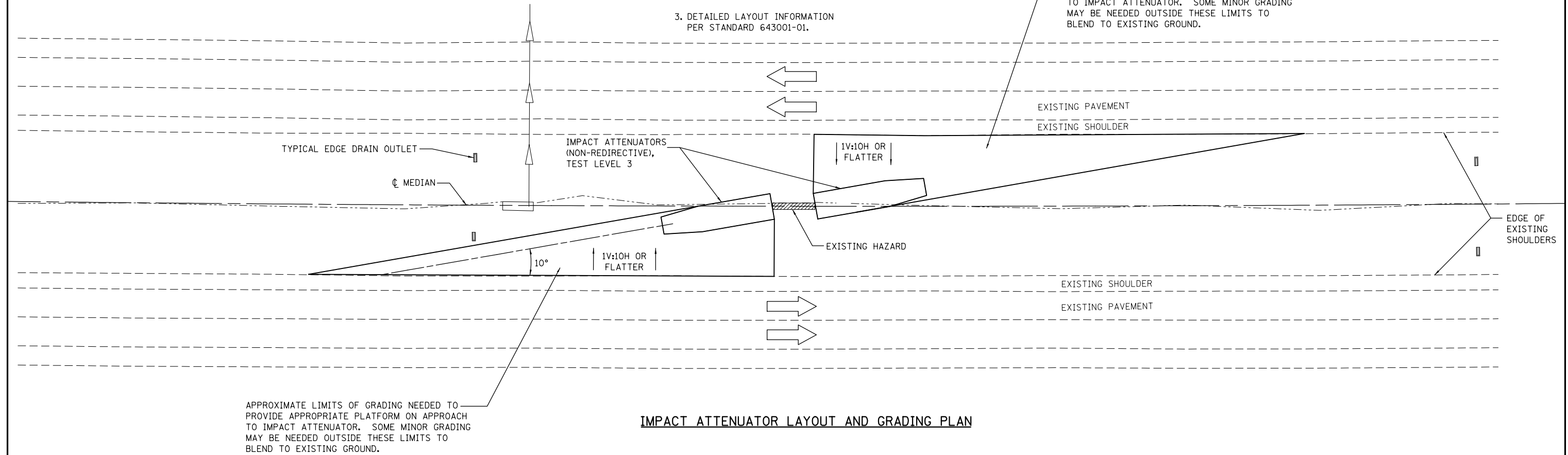
• VARIOUS
**DIST 8 ATTENUATOR 2013-1

FILE NAME =	USER NAME = wedmore.jb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-255/IL 255 SCHEDULE OF QUANTITIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1dot\wedmore.jb\d0322728\d076g13-sh-t-plan.dgn		DRAWN -	REVISED -		•	••					16	14
		CHECKED -	REVISED -		SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.			CONTRACT NO. 76G13				
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

GENERAL NOTES

1. ATTENUATOR BASE SHALL BE SLOPED TO DRAIN.
2. SLOPE ADJACENT TO ATTENUATOR BASE SHALL BE 10:1 OR FLATTER.
3. DETAILED LAYOUT INFORMATION PER STANDARD 643001-01.

APPROXIMATE LIMITS OF GRADING NEEDED TO PROVIDE APPROPRIATE PLATFORM ON APPROACH TO IMPACT ATTENUATOR. SOME MINOR GRADING MAY BE NEEDED OUTSIDE THESE LIMITS TO BLEND TO EXISTING GROUND.



• VARIOUS
 **DIST 8 ATTENUATOR 2013-1

FILE NAME =	USER NAME = wedmorejb	DESIGNED -	REVISED -
cr:\pw\work\p\dot\wedmorejb\d0322728\d876g13\shht-plan.dgn		CHECKED -	REVISED -
	PLOT SCALE = 100.0010' / 1"	DRAWN -	REVISED -
	PLOT DATE = 2/8/2013	CHECKED -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

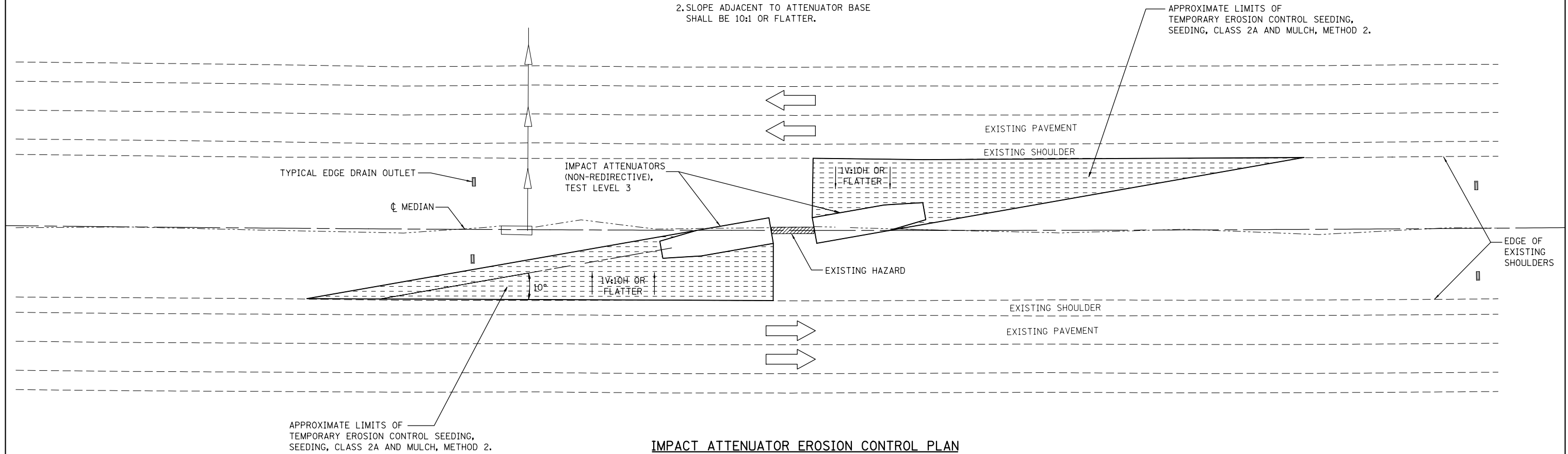
IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3

SHEET NO. 1 OF 1 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	**	VARIOUS	16	15
			CONTRACT NO. 76G13	
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. ATTENUATOR BASE SHALL BE SLOPED TO DRAIN.
2. SLOPE ADJACENT TO ATTENUATOR BASE SHALL BE 10:1 OR FLATTER.



IMPACT ATTENUATOR EROSION CONTROL PLAN

• VARIOUS
 **DIST 8 ATTENUATOR 2013-1

FILE NAME =	USER NAME = wedmore_jb	DESIGNED -	REVISED -
et:\pwork\pwork\wedmore_jb\d0322728\d876g13-sh-t-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 2/8/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN	
SCALE:	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	VARIOUS	16	16
CONTRACT NO. 76G13				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		