

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

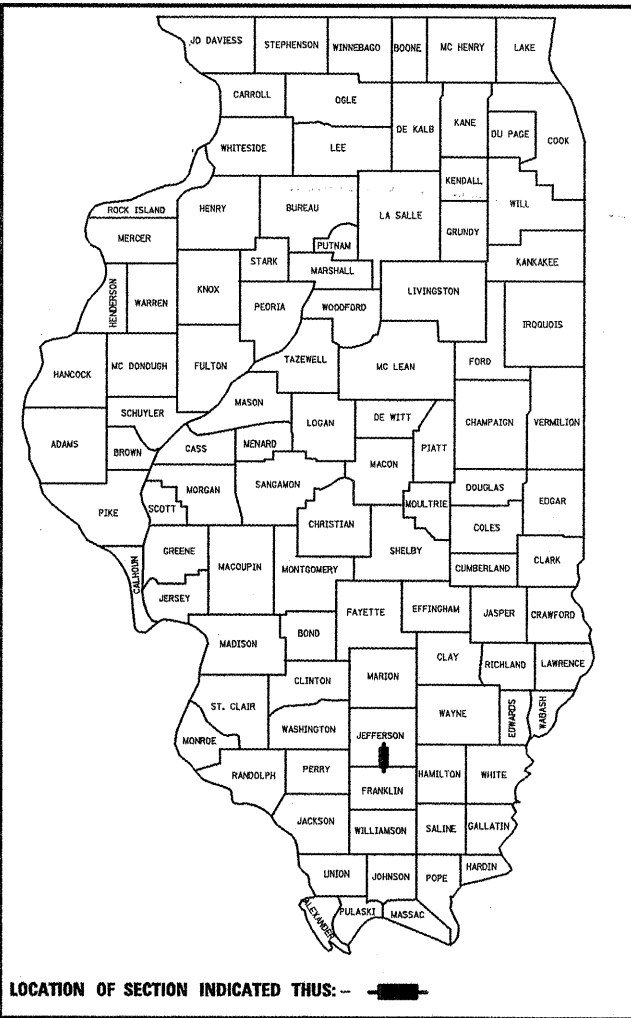
**PROPOSED
HIGHWAY PLANS**

**FAI ROUTE 57
SECTION (41-1)R-1**

**JEFFERSON COUNTY
C-99-031-10**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-1)R-1	JEFFERSON	47	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 78176		

D-99-033-10



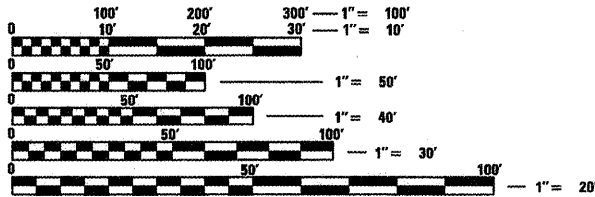
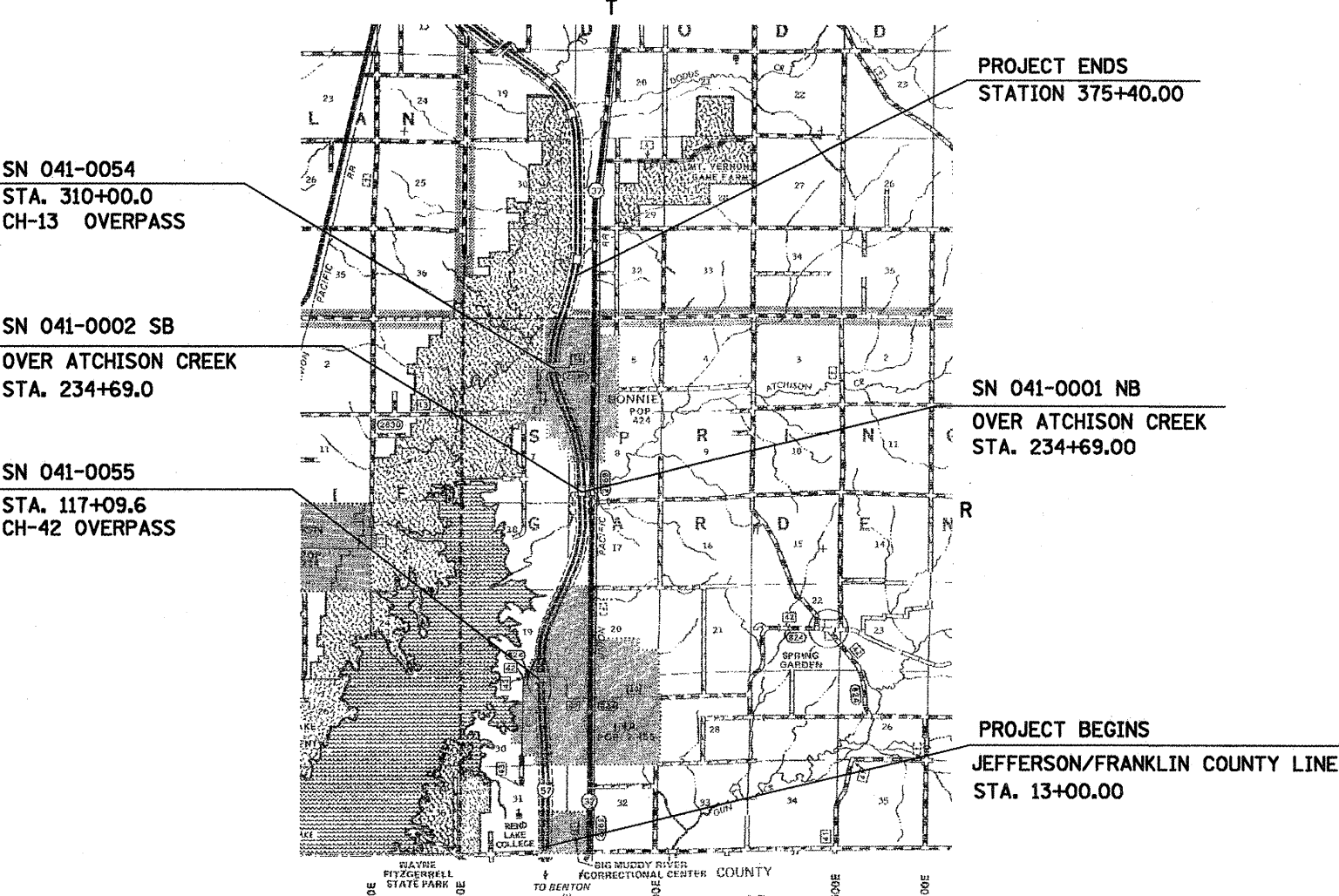
FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

I-57 TRAFFIC DATA
 2009 ADT = 29,200 WITH 33% TRUCKS
 2010 ADT = 29,930 WITH 33% TRUCKS
 2030 ADT = 49,040 WITH 33% TRUCKS

TOWNSHIP

SPRING GARDEN



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

PROJECT ENGINEER: CHARLES STEIN
DESIGNER: GEORGE SHEPARD
 618-549-2171

CONTRACT NO. 78176

GROSS LENGTH = 36508 FT. = 6.91 MILES (SB AND NB)
 NET LENGTH = 34198 FT. = 6.48 MILES (SB AND NB)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED *Jan 29 2010*

Mary C. Lamie
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 19 2010
Scott E. Still P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

March 19 2010
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

STANDARDS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS AND HIGHWAY STANDARDS
3	SIGNATURE SHEET
4	GENERAL NOTES, MIX DESIGN AND COMMITMENTS
5	EXISTING STRUCTURE AND BOX INFORMATION
6 - 8	PAVEMENT AND SUBSURFACE INVESTIGATION SUMMARY
9 - 10	SUMMARY OF QUANTITIES
11 - 15	TYPICAL SECTIONS
16 - 21	SCHEDULES OF QUANTITIES
22 - 34	PLAN SHEETS
35	EROSION CONTROL SHEET FOR INA INTERCHANGE
36	PLAN SHEET FOR INA INTERCHANGE
37	SUGGESTED MESSAGE BOARD PLACEMENT
38 - 40	ALTERNATE ROUTE SIGNING PLAN
41 - 47	PROJECT DETAILS
	HIGHWAY STANDARDS

000001-05	635011-02
001001-02	642001-01
280001-05	701101-02
420701-02	701400-04
442101-07	701401-05
542301-02	701411-06
542311-01	701426-03
601101-01	701451-01
606001-04	701456-00
630001-08	701901-01
631011-06	720001-01
631026-05	720006-02
631031-08	720011-01
631033-03	780001-02
635001-01	781001-03
635006-03	

FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\pwork\shepardgd\017289\17876-sht-typical.dgn		DRAWN -	REVISED -			57	(41)-JR-1	JEFFERSON	47	2
PLOT SCALE = 1/8" = 1' IN.		CHECKED -	REVISED -			CONTRACT NO. 78176				
PLOT DATE = 1/21/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____										

Prepared By: Joe Z Janiewicz
DISTRICT STUDIES & PLANS ENGINEER

Examined By: James Hais Emery
DISTRICT LAND ACQUISITION ENGINEER

Examined By: Camie Nelson
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Keith Wiley
DISTRICT OPERATIONS ENGINEER

Examined By: John Knutson
DISTRICT CONSTRUCTION ENGINEER

Examined By: Brian W. Beckwith
DISTRICT MATERIALS ENGINEER

Examined By: John Knutson
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: Danny Clayton
ASSISTANT REGIONAL ENGINEER

Approved By: Mary C. Lane
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Jan 29 20 10
DATE

FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISED -
ci:\pw_work\p\dot\shepardgd\0172891\78	76-shr-typical.dgn	DRAWN -	REVISED -
	PLOT SCALE = 1/32" = 1/8" / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/21/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNATURE SHEET

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-11R-1)	JEFFERSON	47	3
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT CONCRETE 2.016 TONS/CU. YD.	BITUMINOUS MATERIALS: ON PAVEMENT 0.09 GAL./SQ. YD.
ALL AGGREGATE 2.05 TONS/CU. YD.	INTERMEDIATE LIFTS (FOG COAT) 0.04 GAL./SQ. YD.
RIPRAP 1.50 TONS/CU. YD.	ON AGGREGATE SURFACE 0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT) 0.0015 TONS/SQ. YD.	

THE CONTRACTOR SHALL STAMP STATIONING IN THE HOT-MIX ASPHALT SURFACE AT 300 FT. INTERVALS ON THE OUTSIDE EDGE OF PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

EXISTING CONCRETE PATCHES ENCOUNTERED DURING MILLING OPERATIONS SHALL BE MILLED WITH THE SURROUNDING BITUMINOUS SURFACE REMOVAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

SAW CUTS REQUIRED FOR BUTT JOINTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE BUTT JOINT.

EXISTING PIPE UNDERDRAIN OUTLETS IN THE FORESLOPES OR 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.

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.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

A TEST STRIP WILL BE REQUIRED FOR EACH BINDER OR SURFACE MIX QUANTITY EXCEEDING 3000 TONS.

THE WIDTHS OF JOINT OPENINGS HAVE BEEN TAKEN FROM BRIDGE INSPECTION REPORTS AND ADJUSTED TO 50', EXCEPT NEOPRENE JOINTS. OTHER PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

THE QUANTITY OF DELINEATORS AND DELINEATOR REMOVAL HAS BEEN ESTIMATED TO REFLECT ADDITIONAL DAMAGE IN THE TIME BETWEEN DESIGN AND LETTING. THE ACTUAL QUANTITY SHALL BE DETERMINED BY THE ENGINEER. ALL DELINEATORS DAMAGED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.

ALL EQUIPMENT USED FOR THE PLACEMENT OF THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE APPROVED BY THE ENGINEER PRIOR TO ITS USE.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND PROTECT ALL DRAINAGE STRUCTURES PRIOR TO AND DURING RUBBLIZATION OPERATIONS. ANY DAMAGE TO A DRAINAGE STRUCTURE RESULTING FROM THE RUBBLIZATION OR OTHER CONSTRUCTION ACTIVITY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. A PARTIAL LIST OF EXISTING STRUCTURES IS FOUND HEREIN. IT IS FOR INFORMATION ONLY.

BITUMINOUS MATERIALS (PRIME COAT), SPECIAL SHALL BE INCLUDED BETWEEN ALL LIFTS OF HOT-MIX ASPHALT ON PAVEMENT PLACED OVER RUBBLIZED PAVEMENT.

LOCATING UNDERGROUND CABLE SHALL BE USED FOR WORK AT THE INA INTERCHANGE IN AREAS WHERE LIGHTING IS PRESENT.

ANY FURNISHED EXCAVATION NEEDED FOR THE CULVERT RETROFIT SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04.

MIX DESIGN

Location(s):	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix E, N105
AC/PG	SBS PG76-22
RAP% (Max):	0
Design Air Voids:	4.0%, 105 Gyration Design
Mixture Composition (Gradation Mixture):	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	E Surface

Location(s):	Hot-Mix Asphalt Shoulders (Top Lift) and Incidental Hot-Mix Asphalt Surfacing
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 70 Gyration Design
Mixture Composition (Gradation Mixture):	IL-9.5 mm or IL 12.5 mm
Friction Aggregate:	C Surface

Location(s):	Hot-Mix Asphalt Binder Course (Top Lift, 2 1/4")
Mixture Use(s):	Polymerized Hot-Mix Asphalt Binder Course, N105, IL-19.0
AC/PG	SBS PG76-22
RAP% (Max):	0
Design Air Voids:	4.0%, 105 Gyration Design
Mixture Composition (Gradation Mixture):	IL-19.0
Friction Aggregate:	None

Location(s):	Hot-Mix Asphalt Binder Course (Lower Lifts) and Hot-Mix Asphalt Shoulders (Lower Lifts)
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG	PG64-22
RAP% (Max):	10
Design Air Voids:	4.0%, 90 Gyration Design
Mixture Composition (Gradation Mixture):	IL-19.0
Friction Aggregate:	None

STRUCTURES WITHIN PROJECT LIMITS

STRUCTURE NO.	DESCRIPTION	OPERATING RATINGS	INVENTORY RATING	POSTING	MTD APPROVAL
041-0001	OVER ATCHISON CREEK	30.5	20.2	NONE	LOADED
041-0002	OVER ATCHISON CREEK	30.5	20.2	NONE	LOADED

EXISTING CULVERTS WITHIN PROJECT LIMITS

Structure No. (If Applicable)	Station (NB)	Station (SB)	Dimensions (H X W)	Top of Box Elevation (NB)	Existing Pavement Elevation (NB)	Existing Cover (FT)	Top of Box Elevation (SB)	Existing Pavement Elevation (SB)	Existing Cover (FT)	Sufficiency Rating	Inventory Rating	Operating Rating	MTD CROSSING
041-7021	21+73	21+97	6' x 7'	423.72	427.37	2.55	423.09	427.37	3.18	83	0	0	LOADED
041-7022	50+88	50+88	3.5' x 6'	425.60	428.47	1.77	425.31	428.39	1.98	83	0	0	LOADED
	NA	70+00	2' Diam.				417.95	422.22	3.17				LOADED
041-7023	76+47	76+23	6' x 10'	415.85	420.25	3.30	415.31	420.26	3.85	83	0	0	LOADED
	NA	82+00	2' Diam.				415.75	420.00	3.15				LOADED
041-7024	97+37	97+47	8' x 8'	416.29	419.31	1.92	416.06	419.13	1.97	83	0	0	EMPTY
	116+00	116+00	2' Diam.	418.23	421.30	1.97	417.69	421.15	2.36				LOADED
	123+40	123+40	3' Diam.	418.15	422.40	3.15	417.75	422.01	3.16				LOADED
	130+89	130+89	3' Diam.	418.85	423.00	3.05	418.13	423.04	3.81				LOADED
	149+45	149+69	4' Diam.	417.28	421.00	2.62	416.05	420.95	3.80				LOADED
041-7025	158+29	158+61	5' Diam.	416.26	419.34	1.98	415.76	419.36	2.50	83	0	0	LOADED
041-7026	169+16	168+84	2 @ 7.5' x 8'	414.10	418.86	3.66	413.43	418.82	4.29	83	0	0	LOADED
	184+90	184+90	3' Diam.	418.00	421.68	2.58	417.28	421.45	3.07				LOADED
	196+20	196+20	2' Diam.	418.15	420.67	1.42	417.85	420.50	1.55				LOADED
	NA	207+00	2' Diam.				413.00	418.81	4.71				LOADED
041-7027	209+84	210+00	5' x 8'	409.46	418.38	7.82	409.02	418.52	8.40	83	0	0	LOADED
	NA	219+00	2' Diam.				412.90	418.15	4.15				LOADED
	NA	229+00	2' Diam.				413.00	418.12	4.02				LOADED
	NA	239+00	2' Diam.				412.82	418.12	4.20				LOADED
	NA	247+00	2' Diam.				412.92	418.21	4.19				LOADED
	NA	258+00	2' Diam.				412.59	418.43	4.74				LOADED
	275+00	NA	2' Diam.	416.93	421.85	3.82							LOADED
	NA	290+00	2' Diam.				421.12	426.32	4.10				LOADED
041-7028	320+00	320+00	3.5' x 6'	422.86	425.49	1.53	422.40	425.43	1.93	83	0	0	LOADED
	330+00	330+00	3' Diam.	422.75	425.92	2.07	421.75	425.89	3.04				LOADED
	340+32	340+48	3' x 4'	422.31	425.61	2.20	421.78	425.85	2.97				LOADED
041-7029	345+98	346+22	5' Diam.	419.62	424.51	3.79	418.88	424.53	4.55	83	0	0	LOADED
	353+30	352+98	3.5' Diam.	418.83	423.91	3.98	418.33	423.76	4.33				LOADED
	360+30	360+30	3' Diam.	417.30	424.72	6.32	415.80	424.55	7.65				LOADED
041-7030	368+00	368+00	4' x 8'	420.27	425.29	3.92	419.67	424.96	4.19	83	0	0	LOADED

NOTE: EXISTING COVER IS THE TOP OF THE EXISTING PAVEMENT AT THE CENTERLINE MINUS THE EXISTING PAVEMENT THICKNESS (13.25") MINUS THE ELEVATION AT THE TOP OF THE EXISTING BOX.

FILE NAME =	USER NAME = sheperdgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING STRUCTURE AND BOX INFORMATION	F.A.I. RTE. 57	SECTION 41-13R-1	COUNTY JEFFERSON	TOTAL SHEETS 47	SHEET NO. 5
et:\pwork\pwork\sheperdgd\0172891\7876-sht-typical.dgn		DRAWN -	REVISED -		SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____					
PLOT SCALE = 1/32" = 1" / IN.		CHECKED -	REVISED -							
PLOT DATE = 1/21/2010		DATE -	REVISED -							
										ILLINOIS FED. AID PROJECT CONTRACT NO. 78176

Pavement and Subsurface Investigation Summary

FAI 57 Rubblization
Franklin/Jefferson County Line to 1.0 Mile North of Bonnie

Contract 78176
Job No. D-99-033-10

Station	Location				Thickness, In.			Subbase condition			Subgrade IBV					Soil Information						
	PS	PL	DL	DS	AC Overlay	PCC	Subbase	Sound	SI Deter	Deter	0-6"	6-12"	12-18"	18-24"	24-30"	Classification	Sand	Silt	Clay	LL	PI	% H ₂ O
358+00					4 1/4	10 1/4	4			CAM	4.0	4.0	7.0	14.0								
" "					7		4			CAM	7.0	17.0	18+	18+								
368+00					4 1/2	10	4			CAM	4.0	7.0	14.0	17.0								
" "					6 1/4		4			CAM	4.0	7.0	10.0	14.0	17.0							

Pavement and Subsurface Investigation Summary

FAI 57 Rubblization
Franklin/Jefferson County Line to 1.0 Mile North of Bonnie

Contract 78176
Job No. D-99-033-10

Station	Location				Thickness, In.			Subbase condition			Subgrade IBV					Soil Information						
	PS	PL	DL	DS	AC Overlay	PCC	Subbase	Sound	SI Deter	Deter	0-6"	6-12"	12-18"	18-24"	24-30"	Classification	Sand	Silt	Clay	LL	PI	% H ₂ O
372+90					4 1/4	10	4			CAM	5.5	7.0	10.0	14.0								
" "					6 3/4		4			CAM	4.0	12.0	18.0	18+								
363+00					4	10	4			CAM	7.0	5.5	7.0	17.0								
" "					6 1/4		4			CAM	8.5	5.5	10.0	17.0								
352+90					4 3/4	10	4			CAM	7.0	4.0	4.0	5.5	10.0							
" "					6 1/2		4			CAM	5.5	7.0	16.0	17.0								
343+00					4 3/4	10	4			CAM	7.0	12.0	12.0	14.0								
" "					8 1/4		4			CAM	7.0	12.0	8.5	12.0								
333+00					5 1/4	10 1/4	4			CAM	7.0	10.0	14.0	14.0								
" "					7 1/2		4			CAM	4.0	8.5	16.0	18+								
322+70					4 1/2	10 1/2	4			CAM	7.0	12.0	10.0	14.0								
" "					7 1/2		4			CAM	14.0	16.0	17.0	18+								
313+00					5	10 1/2	4			CAM	5.5	10.0	18.0	18+								
" "					8		4			CAM	4.0	8.5	18.0	14.0								
302+80					4 1/2	10 1/2	4			CAM	5.5	5.5	10.0	14.0								
" "					6 3/4		4			CAM	5.5	10.0	12.0	14.0								
292+90					5 1/4	10 1/2	4			CAM	5.5	5.5	14.0	14.0								
" "					7 3/4		4			CAM	4.0	12.0	12.0	14.0								
283+20					4 1/4	10 1/2	4			CAM	7.0	10.0	18+	18+								
" "					6 3/4		4			CAM	14.0	10.0	18+	18+								
273+00					4 1/2	10	4			CAM	7.0	10.0	10.0	14.0								
" "					6 1/2		5			CAM	7.0	8.5	18+	18+								
263+20					5 3/4	10 1/2	4			CAM	4.0	4.0	12.0	16.0								
" "					9 1/2		4			CAM	5.5	8.5	18.0	18+								
253+10					5 1/4	10	4			CAM	10.0	10.0	18.0	14.0								
" "					7		5			CAM	7.0	7.0	10.0	18+								
243+20					6	10 1/2	4			CAM	5.5	10.0	18+	18+								
" "					10		4			CAM	5.5	8.5	16.0	18+								
233+00					3	10 1/2	4			CAM	5.5	8.5	14.0	14.0								
" "					2	10				CAM	4.0	2.9	2.9	4.0	5.5							
223+00					4	10 1/4	4			CAM	4.0	5.5	8.5	14.0								
" "					5 1/2					CAM	5.5	7.0	7.0	16.0	17.0							
213+00					5	10 1/2	4			CAM	4.0	5.5	10.0	12.0								
" "					7		4			CAM	5.5	7.0	12.0	14.0								
203+00					4 1/2	10	4			CAM	5.5	10.0	17.0	18+		SIC A7-6(24)	7	61	32	44.4	23.8	22
" "					6 3/4		4			CAM	10.0	8.5	17.0	18+								
193+00					4 3/4	10	4			CAM	4.0	5.5	8.5	14.0								
" "					6 1/2		4			CAM	12.0	12.0	14.0	18+								
183+00					4 1/4	10	4			CAM	5.5	12.0	18+	18+								
" "					10		4			CAM	14.0	16.0	14.0	18+								
173+00					4 1/4	10	4			CAM	5.5	8.5	12.0	12.0								
" "					6		4			CAM	8.5	4.0	5.5	10.0								
163+00					4 1/4	10	4			CAM	5.5	4.0	8.5	14.0								
" "					12 1/2					CAM	4.0	4.0	4.0	8.5	14.0							
153+00					5	10	4			CAM	4.0	5.5	8.5	14.0								
" "					7		4			CAM	7.0	5.5	14.0	14.0								
143+00					5 1/4	10 1/2	4			CAM	8.5	8.5	16.0	18+								
" "					10 1/4		4			CAM	5.5	7.0	16.0	18+								
133+00					6	10 1/2	4			CAM	7.0	7.0	10.0	14.0								
" "					8 3/4		4			CAM	4.0	8.5	18+	18+								
122+80					4 3/4	10 3/4	4			CAM	5.5	8.5	16.0	17.0								
" "					11 3/4		4			CAM	5.5	8.5	18.0	18+								
113+00					4 1/2	10 1/4	4			CAM	5.5	7.0	12.0	17.0								
" "					6 1/2		4			CAM	7.0	10.0	18+	18+								
103+00					4 3/4	10	4			CAM	5.5	12.0	17.0	18.0								
" "					7 1/2		4			CAM	8.5	17.0	18+	17.0								

Pavement and Subsurface Investigation Summary

FAI 57 Rubblization

Southbound Lanes, Jefferson County

Contract 78176

Franklin/Jefferson County Line to 1.0 Mile North of Bonnie

Job No. D-99-033-10

Station	Location				Thickness, In.			Subbase condition			Subgrade IBV					Soil Information						
	PS	PL	DL	DS	AC Overlay	PCC	Subbase	Sound	SI Deter	Deter	0-6"	6-12"	12-18"	18-24"	24-30"	Classification	Sand	Silt	Clay	LL	PI	% H ₂ O
92+90					4 3/4	10	4			CAM	8.5	18+	18+			SIC A7-6(28)	8	53	39	48.5	28.0	24
" "					6 1/2		4			CAM	10.0	18.0	14.0	17.0								
82+80					4 1/4	10 1/4	4			CAM	5.5	5.5	18+	18+								
" "					14 1/2						7.0	8.5	18+	18+								
73+20					4 1/2	10	4			CAM	10.0	10.0	14.0	16.0								
" "					7		4			CAM	7.0	14.0	10.0	14.0								
62+70					5	10	4			CAM	5.5	12.0	10.0	14.0								
" "					9		4			CAM	8.5	16.0	16.0	18+								
53+00					4 1/4	10 1/4	4			CAM	5.5	7.0	12.0	12.0								
" "					5 1/2		4			CAM	7.0	7.0	16.0	12.0								
43+10					4 1/2	9 3/4	4			CAM	5.5	10.0	18+	18+								
" "					7 1/2		4			CAM	5.5	10.0	16.0	18+								
33+00					4 3/4	9 3/4	4			CAM	5.5	12.0	17.0	17.0								
" "					6		4			CAM	5.5	7.0	10.0	18+								
22+80					4 1/2	10	4			CAM	4.0	5.5	14.0	17.0								
" "					7 1/2		4			CAM	4.0	4.0	10.0	17.0								
13+50					5 1/4	10 1/4	4			CAM	5.5	5.5	7.0	5.5								
" "					6 1/4		4			CAM	8.5	8.5	14.0	17.0								

SUMMARY OF QUANTITIES

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	JEFFERSON CO.
				RURAL ROADWAY 100% STATE 1000
X0300471	RUBBLIZING PORTLAND CEMENT CONCRETE PAVEMENT	SO YD	181,278	181,278
X0301424	SILICONE JOINT SEALER	FOOT	168	168
X0322278	RODENT SHIELDS	EACH	247	247
X0322729	MATERIAL TRANSFER DEVICE	TON	110,404	110,404
X0325570	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL DA	42	42
X0325571	TRAFFIC CONTROL SUPERVISOR	CAL DA	42	42
X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
X0325747	BRIDGE DECK CONCRETE CRACK SEALER	FOOT	1,090	1,090
X0326271	SUBGRADE REPAIR	SO YD	3,000	3,000
Z0017202	DOWEL BARS 1 1/2"	EACH	288	288
Z0075310	TIE BARS 3/4"	EACH	288	288
Z0076600	TRAINNEES	HOOR	1,000	1,000
20201006	GRADING AND SHAPING SHOULDERS	UNIT	1,479	1,479
25000200	SEEDING, CLASS 2	ACRE	0.4	0.4
25000350	SEEDING, CLASS 7	ACRE	0.4	0.4
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	72	72
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	42	42
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	42	42
25000700	AGRICULTURAL GROUND LIMESTONE	TON	0.8	0.8
25100115	MULCH, METHOD 2	ACRE	0.8	0.8
25100630	EROSION CONTROL BLANKET	SO YD	440	440
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	80	80
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	33,713	33,713
40600115	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	GALLON	16,315	16,315
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	26	26
40600895	CONSTRUCTING TEST STRIP	EACH	3	3
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1,280	1,280
40600990	TEMPORARY RAMP	SO YD	1,029	1,029
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	61,973	61,973
40603245	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105	TON	25,752	25,752
40603575	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N105	TON	22,679	22,679
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	138	138
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	6,720	6,720
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SO YD	15,549	15,549
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	53	53
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SO YD	186,316	186,316

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	JEFFERSON CO.
				RURAL ROADWAY 100% STATE 1000
44000172	HOT-MIX ASPHALT SURFACE REMOVAL, 5 3/4"	SO YD	2,344	2,344
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	199	199
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SO YD	19	19
44213100	PAVEMENT FABRIC	SO YD	19	19
44213200	SAW CUTS	FOOT	1,353	1,353
48203100	HOT-MIX ASPHALT SHOULDERS	TON	42,863	42,863
50104100	BRIDGE HANDRAIL REMOVAL	FOOT	561	561
50104400	CONCRETE HEADWALL REMOVAL	EACH	4	4
50105220	PIPE CULVERT REMOVAL	FOOT	16	16
50300255	CONCRETE SUPERSTRUCTURE	CU YD	16.6	16.6
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3,535.5	3,535.5
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	16	16
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	4	4
54247170	GRATING FOR CONCRETE FLARED END SECTION 36"	EACH	4	4
54248510	CONCRETE COLLAR	CU YD	3.1	3.1
58700300	CONCRETE SEALER	SO FT	13,608	13,608
60600605	CONCRETE CURB, TYPE B	FOOT	233	233
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	8,922	8,922
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	6
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	12	12
63200310	GUARDRAIL REMOVAL	FOOT	14,673	14,673
63500105	DELINEATORS	EACH	288	288
63500120	DELINEATOR REMOVAL	EACH	50	50
64200105	SHOULDER RUMBLE STRIP	FOOT	140,921	140,921
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5
67100100	MOBILIZATION	L SUM	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4	4
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	42	42
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	9	9
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5,950	5,950
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1,983	1,983

**Specialty Items*

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76-shr-sched\le.dgn
PLOT SCALE = 1/8" = 1' IN.
PLOT DATE = 1/25/2010

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DATE -	---	REVISED -	-----

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE. 57	SECTION 041-11R-1	COUNTY JEFFERSON	TOTAL SHEETS 47	SHEET NO. 9
CONTRACT NO. 78176			Rev.	

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES (CONT.)

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	JEFFERSON CO.
				ROADWAY RURAL 100% STATE 1000
CONSTRUCTION TYPE CODE				
* 72000100	SIGN PANEL - TYPE 1	SO FT	266	266
* 72900110	METAL POST - TYPE A	EACH	24	24
* 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	150,177	150,177
* 78003135	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B-LINE 6", SPECIAL	FOOT	18,118	18,118
* 78003140	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"	FOOT	880	880
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,017	1,017
* 78200420	GUARDRAIL MARKERS, TYPE B	EACH	264	264
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	12	12
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,017	1,017
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	400	400

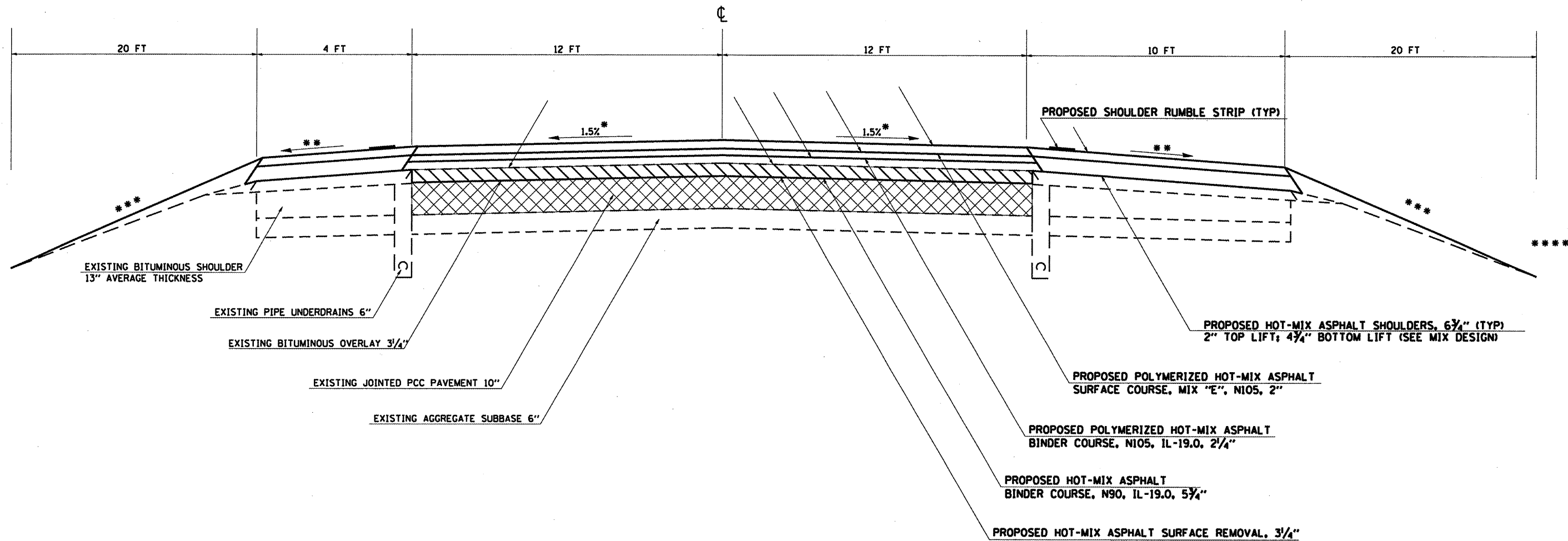
** Specialty Items*

FILE NAME =	USER NAME = shepardgd	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at:\pwork\PWIDOT\SHEPARDD\0172891\78	78-sht-schedule.dgn	DRAWN - ---	REVISED - ---			57	(41-11R-1	JEFFERSON	47	10
PLOT SCALE = 1/8" = 1' IN.	CHECKED - ---	REVISED - ---				CONTRACT NO. 78176				
PLOT DATE = 1/25/2010	DATE - ---	REVISED - ---				ILLINOIS FED. AID PROJECT				
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										

TYPICAL SECTION #1

MILL AND RUBBLIZE

JEFFERSON COUNTY
SOUTHBOUND AND NORTHBOUND LANES
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



NOTES:

- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE
 - ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM
 - *** GRADING AND SHAPING SHOULDERS
- POLYMERIZED PRIME COAT MUST BE USED BETWEEN ALL LIFTS OF HOT-MIX ASPHALT

TO BE USED:
STA. 15+70 TO STA. 101+75
STA. 137+33 TO STA. 231+52.7
STA. 238+32.4 TO STA. 306+80
STA. 313+20 TO STA. 372+70



PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)

**** THIS OUTSIDE SHOULDER AND FORESLOPE DOES NOT APPLY TO THE GORE AREA AT THE INA INTERCHANGE. THE EXCEPTION IS FROM NB STA. 101+75 TO 108+20 AND STA. 125+60 TO 137+20 AND FROM SB STA. 99+00 TO 105+75 AND STA. 125+50 TO 132+40.

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PLOT SCALE = 1/8" = 1' / IN.
PLOT DATE = 1/21/2018

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CHECKED -	---	REVISED -	-----
DATE -	---	REVISED -	-----

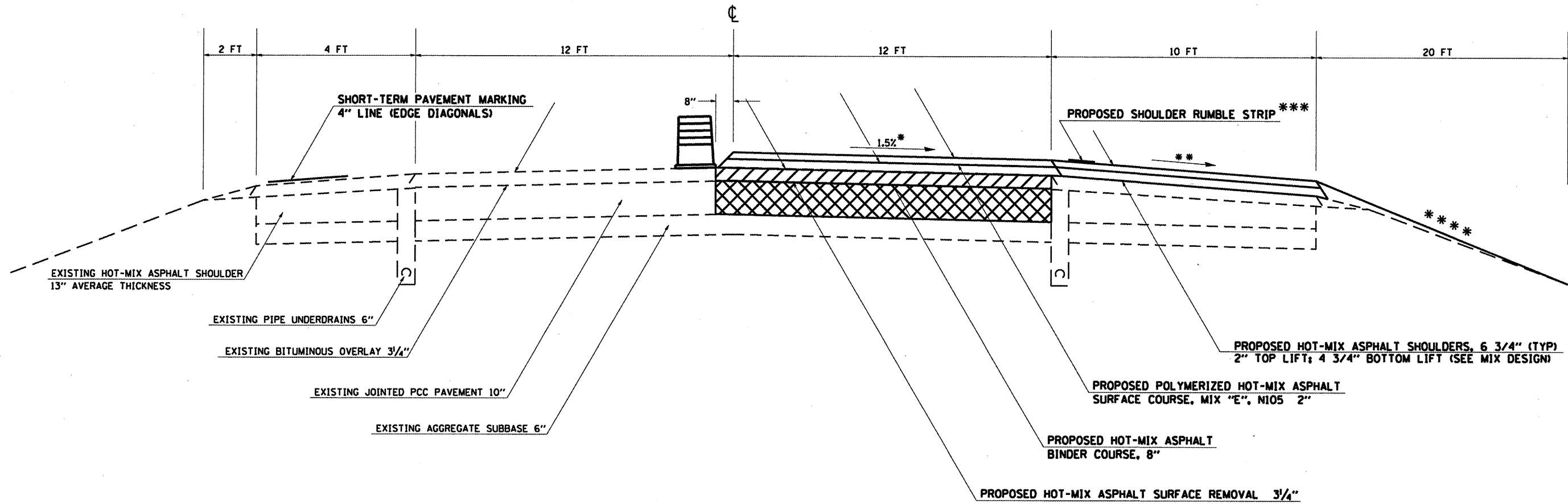
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION	
SCALE: _____	SHEET NO. ____ OF ____ SHEETS
STA. _____ TO STA. _____	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41)-IR-1	JEFFERSON	47	11
CONTRACT NO. 78176			ILLINOIS FED. AID PROJECT	

TYPICAL SECTION #1 A
MILL AND RUBBLIZE
DRIVING LANE CONSTRUCTION

JEFFERSON COUNTY
 SOUTHBOUND AND NORTHBOUND LANES
 FAI RTE 57
 (LOOKING IN DIRECTION OF TRAVEL)



NOTES:

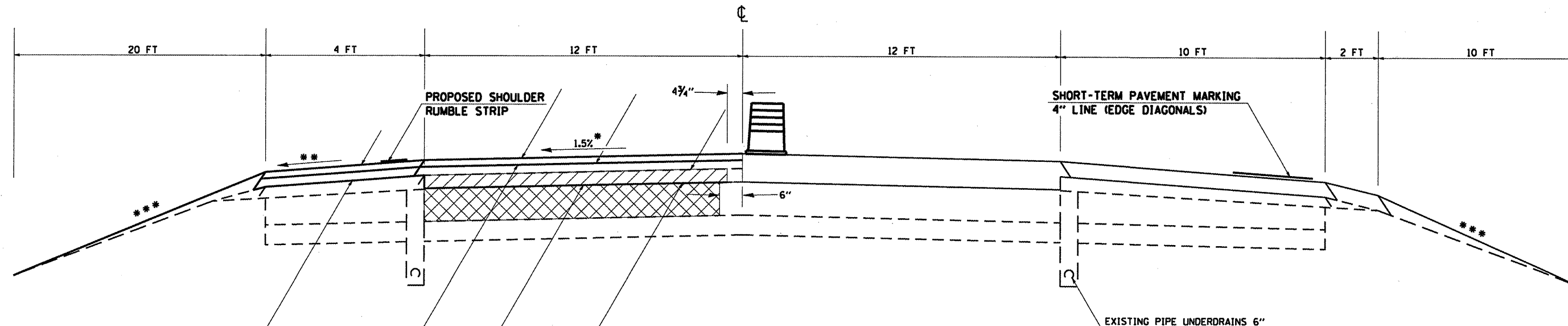
- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.
- *** SHOULDER RUMBLE STRIP SHALL NOT BE INSTALLED UNTIL CONSTRUCTION OF THE PASSING LANE HAS BEEN COMPLETED.
- **** GRADING AND SHAPING SHOULDERS

TO BE USED:
 STA. 15+70 TO STA. 101+75
 STA. 137+33 TO STA. 231+52.7
 STA. 238+32.4 TO STA. 306+80
 STA. 313+20 TO STA. 372+70

 PROPOSED RUBBLIZATION OF PORTLAND CEMENT CONCRETE PAVEMENT (METHOD 1)

FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\p\work\pwi\dot\shepardgd\017289\178	76-shs-typical.dgn	DRAWN -	REVISED -				57	(41-1R-1)	JEFFERSON	47	12
	PLOT SCALE = 1/8" = 1' / IN.	CHECKED -	REVISED -		SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 78176		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 1/21/2010	DATE -	REVISED -								

TYPICAL SECTION #1 B
MILL AND RUBBLIZE
PASSING LANE CONSTRUCTION
 JEFFERSON COUNTY
 SOUTHBOUND AND NORTHBOUND LANES
 FAI RTE 57
 (LOOKING IN DIRECTION OF TRAVEL)



PROPOSED HOT-MIX ASPHALT SHOULDERS, 6 3/4"
 2" TOP LIFT; 4 3/4" BOTTOM LIFT (SEE MIX DESIGN)


PROPOSED POLYMERIZED HOT-MIX ASPHALT
 SURFACE COURSE, SUPERPAVE, MIX E, N105, 2"

PROPOSED HOT-MIX ASPHALT
 BINDER COURSE, SUPERPAVE, 8"

PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"

SHORT-TERM PAVEMENT MARKING
 4" LINE (EDGE DIAGONALS)

EXISTING PIPE UNDERDRAINS 6"

 PROPOSED RUBBLIZATION OF PORTLAND
 CEMENT CONCRETE PAVEMENT (METHOD 1)

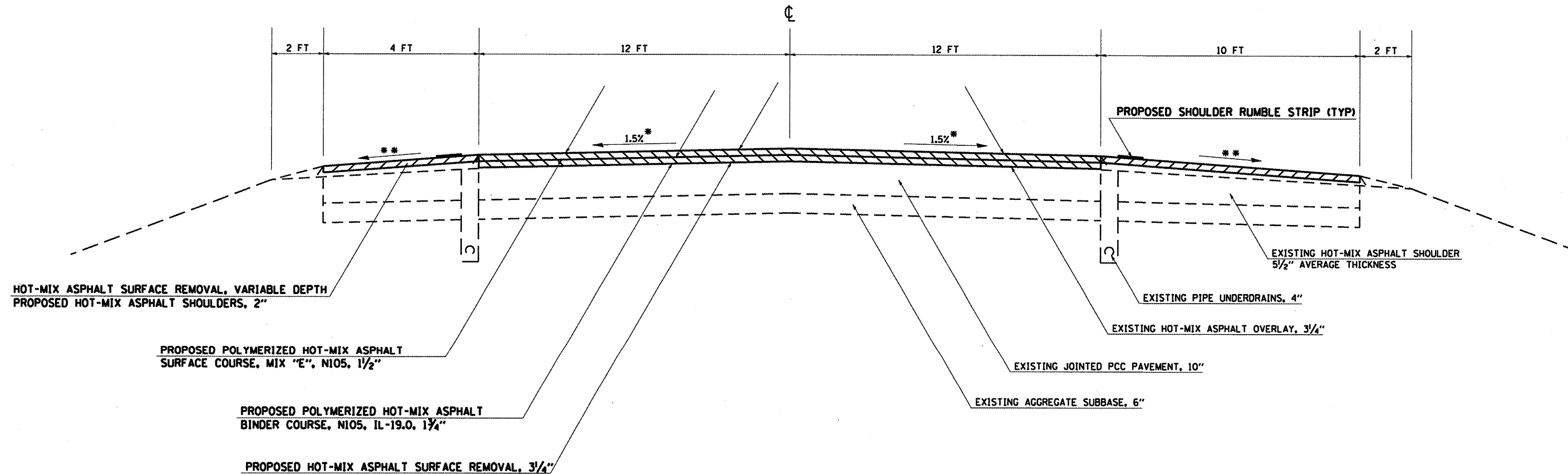
NOTES:

- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE
- ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.
- *** GRADING AND SHAPING SHOULDERS

TO BE USED:
 STA. 15+70 TO STA. 101+75
 STA. 137+33 TO STA. 231+52.7
 STA. 238+32.4 TO STA. 306+80
 STA. 313+20 TO STA. 372+70

FILE NAME =	USER NAME = sheperdgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\pwwork\pwwdot\sheperdgd\0172891\7876-sht-typical.dgn	PLOT SCALE = 1/8" = 1' / IN.	DRAWN -	REVISED -				57	(41-11R-1)	JEFFERSON	47	13
PLOT DATE = 1/21/2010	DATE -	CHECKED -	REVISED -		SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 78176				
					ILLINOIS FED. AID PROJECT						

TYPICAL SECTION #2
INLAY UNDER OVERPASSES
 JEFFERSON COUNTY
 SOUTHBOUND AND NORTHBOUND LANES
 FAI RTE 57
 (LOOKING IN DIRECTION OF TRAVEL)



TO BE USED:
 STA. 7+20 TO STA. 12+40
 STA. 173+85 TO STA. 179+15
 STA. 227+00 TO STA. 232+30
 STA. 280+75 TO STA. 285+95
 STA. 413+10 TO STA. 418+30
 STA. 441+15 TO STA. 446+90

- NOTES:
- * 1.5% PAVEMENT CROSS SLOPE TO BE ACHIEVED WITH HOT-MIX ASPHALT BINDER COURSE
 - ** MATCH EXISTING SHOULDER SLOPE UP TO 6% MAXIMUM.

FILE NAME =	USER NAME = sheperdgd	DESIGNED -	REVISED -
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	PLOT DATE = 1/21/2010	DATE -	REVISED -

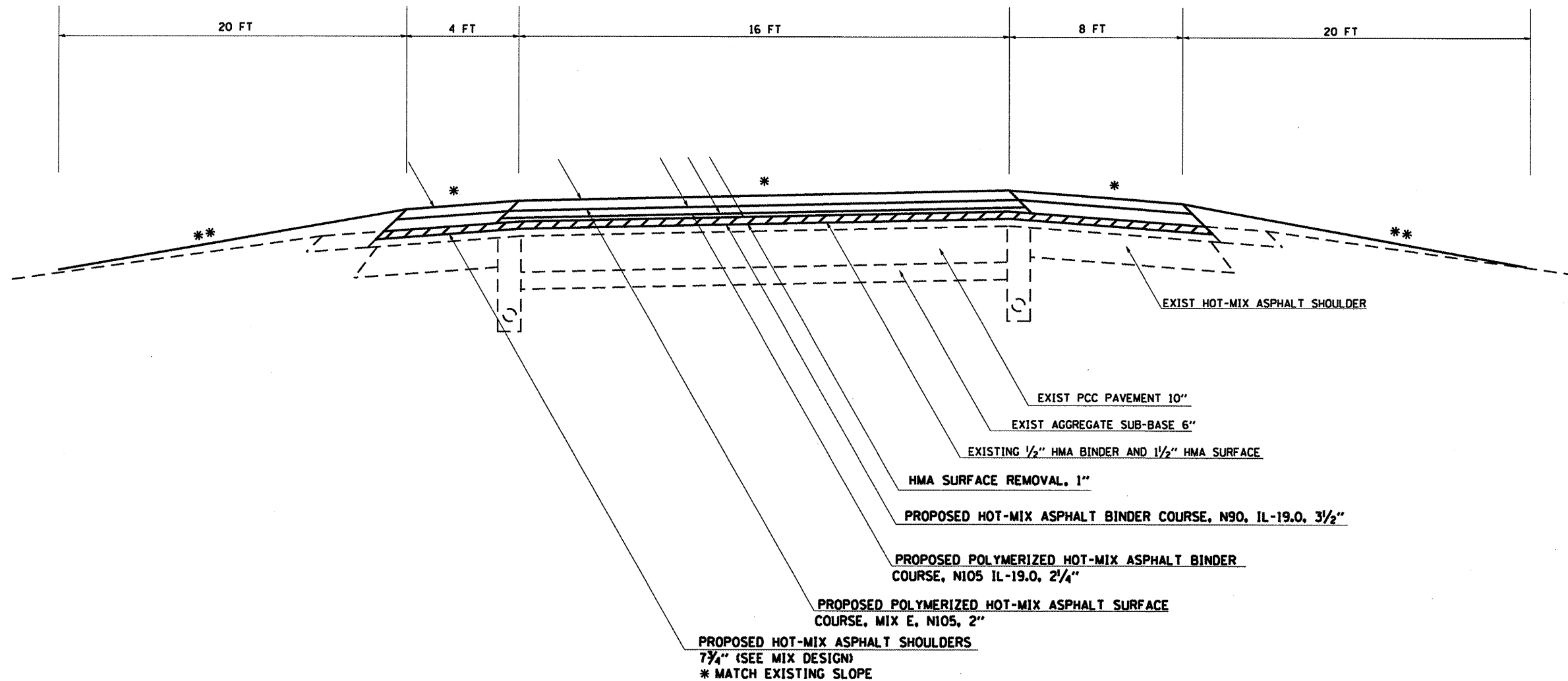
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION	
SCALE: _____	SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-11R-1	JEFFERSON	47	14
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTION #3 ENTRANCE & EXIT RAMP

JEFFERSON COUNTY
SOUTHBOUND AND NORTHBOUND LANES
FAI RTE 57
(LOOKING IN DIRECTION OF TRAVEL)



NOTES:

- * MATCH EXISTING SLOPE
- ** GRADING AND SHAPING SHOULDERS

TO BE USED:
 INA INTERCHANGE RAMP
 RAMP "D" NORTHBOUND EXIT
 STA. 7D+20 TO STA. 10D+32
 RAMP "C" NORTHBOUND ENTRANCE
 STA. 8C+20 TO STA. 10C+36
 RAMP "A" SOUTHBOUND ENTRANCE
 STA. 10A+20 TO STA. 10A+74
 RAMP "B" SOUTHBOUND EXIT
 STA. 9B+20 TO STA. 10B+64

FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION		F.A.I. RTE. 57	SECTION (41-11R-1)	COUNTY JEFFERSON	TOTAL SHEETS 47	SHEET NO. 15	
CONTRACT NO. 78176	PLOT SCALE = 1/8" = 1' / IN.		DRAWN -		REVISED -	SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT			
		CHECKED -	REVISED -									
		DATE -	REVISED -									

RODENT SHIELD SCHEDULE

STATION	DESCRIPTION OF LOCATION	RODENT SHIELD EACH
18+00	Southbound - East side (SB-E)	1
18+02	Northbound - West side (NB-W)	1
21+15	SB-W&E, NB-W&E	4
25+44	SB-W&E	2
25+45	NB-W&E	2
29+73	SB-W&E	2
29+74	NB-W&E	2
34+02	NB-W&E	2
34+04	SB-W&E	2
38+30	NB-W&E	2
38+31	SB-W&E	2
47+67	SB-W&E	2
47+69	NB-W&E	2
52+64	SB-W&E	2
52+65	NB-W&E	2
57+64	SB-W&E	2
57+65	NB-W&E	2
62+60	SB-W&E	2
62+61	NB-W&E	2
67+62	NB-W&E	2
67+63	SB-W&E	2
72+63	NB-W&E	2
72+64	SB-W&E	2
77+64	NB-W&E	2
77+66	SB-W&E	2
82+63	SB-W&E	2
82+64	NB-W&E	2
87+63	SB-W&E, NB-W&E	4
92+63	NB-W&E	2
92+64	SB-W&E	2
96+21	NB-W&E	2
96+22	SB-W&E	2
100+18	NB-W&E	2
100+19	SB-W&E	2
109+15	SB-E	1
109+16	NB-W	1
109+18	NB Off Ramp-W&E	2
110+31	SB-W	1
111+01	SB On Ramp-E	1
113+51	SB On Ramp-E	1
113+80	SB-W	1
114+13	NB-W&E	2
114+15	SB-E	1
118+25	SB-W	1
119+20	NB-W&E	2
119+21	SB-E	1
TOTALS		85

STATION	DESCRIPTION OF LOCATION	RODENT SHIELD EACH
121+12	NB On Ramp-W&E	2
121+53	SB Off Ramp-E	1
124+15	SB Off Ramp-E	1
124+20	SB-E	1
124+22	NB-W&E	2
124+46	NB On Ramp-W	1
129+16	NB-W	1
129+45	NB-E	1
130+50	SB-W	1
139+03	SB-W&E	2
143+50	NB-W&E	2
143+52	SB-W&E	2
148+01	NB-W, SB-E	2
152+49	SB-W&E	2
152+53	NB-W&E	2
156+67	SB-W&E	2
156+69	NB-W&E	2
160+85	SB-E	1
160+87	NB-W&E	2
164+96	SB-E	1
165+00	NB-W	1
168+87	SB-E	1
168+88	NB-W&E	2
172+94	NB-W	1
172+98	SB-W&E	2
173+20	NB-E	1
176+99	NB-W&E	2
177+00	SB-W&E	2
181+96	NB-W&E	2
182+00	SB-W&E	2
191+93	NB-W&E	2
192+00	SB-W&E	2
197+00	SB-W&E	2
197+07	NB-W&E	2
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202+01	NB-W&E	2
206+98	SB-E	1
207+01	NB-W	1
211+99	SB-E	1
212+00	NB-W&E	2
216+42	NB-W&E	2
220+86	NB-W&E	2
220+89	SB-E	1
225+30	NB-W&E	2
229+76	NB-W&E	2
229+78	SB-E	1
TOTALS		74

STATION	DESCRIPTION OF LOCATION	RODENT SHIELD EACH
239+98	NB-W&E	2
239+99	SB-E	1
244+98	NB-W&E	2
244+99	SB-E	1
249+96	NB-W&E	2
249+98	SB-E	1
254+96	NB-W&E	2
254+98	SB-E	1
259+98	NB-W&E, SB-E	3
264+21	NB-W&E	2
268+50	NB-W	1
268+55	SB-E	1
272+66	NB-W&E	2
272+70	SB-E	1
277+70	NB-W&E	2
277+72	SB-E	1
282+60	NB-E	1
282+71	SB-W&E	2
287+64	SB-W&E, NB-W&E	4
292+71	NB-W&E	2
292+72	SB-W&E	2
297+67	NB-W&E	2
297+71	SB-W&E	2
307+46	SB-W&E	2
307+50	NB-W&E	2
311+71	SB-W&E	2
311+73	NB-W&E	2
315+98	SB-W&E	2
315+99	NB-W	1
320+24	SB-W&E, NB-W&E	4
325+21	NB-W&E	2
325+24	SB-W&E	2
330+25	NB-E, SB-W&E	3
333+00	NB-W	1
340+87	SB-W&E	2
340+88	NB-W&E	2
345+88	SB-W&E	2
345+91	NB-W&E	2
350+86	SB-W&E	2
350+87	NB-W&E	2
354+95	NB-E, SB-W&E	3
358+99	NB-W	1
359+00	SB-W&E	2
363+99	NB-W, SB-W&E	3
368+70	SB-W	1
368+98	SB-E, NB-W&E	3
TOTALS		88
TOTAL FOR PROJECT		247

GUARDRAIL SCHEDULE (NORTHBOUND)

LOCATION STATION TO STATION	GUARDRAIL REMOVAL FOOT	SPBGR TYPE A FOOT	TRAFFIC BARRIER TERMINAL				GUARDRAIL MARKERS		TERMINAL MARKERS DIRECT APPLIED EACH	CONCRETE CURB, TYPE B FOOT
			TY 1, SPL (TAN) EACH	TYPE 2 EACH	TYPE 6 EACH	TYPE 6B EACH	AMBER EACH	SILVER EACH		
NORTHBOUND										
RT 113+62.50 TO 117+10.00	5509							5		
RT 113+58.25 TO 114+08.25			1					1	1	
RT 114+08.25 TO 116+45.75	237.5							3		
RT 116+45.75 TO 117+02.00						1		1		
RT 164+50.00 TO 173+27.00	877							11		
RT 164+50.00 TO 165+00.00			1					1	1	
RT 165+00.00 TO 173+31.25		831		1				11		
RT 235+59.00 TO 254+52.00	1893							24		38.8
RT 235+59.00 TO 236+05.25					1			1		
RT 236+05.25 TO 254+55.25		1850		1				24		
LT 231+22.00 TO 234+28.00	306						4			38.8
LT 229+98.50 TO 230+48.50			1				1		1	
LT 230+48.50 TO 233+79.75		331					5			
LT 233+79.75 TO 234+26.00					1		1			
RT 223+69.00 TO 234+28.00	1059							14		38.8
RT 223+67.25 TO 224+17.25			1					1	1	
RT 224+17.25 TO 233+79.75		963						13		
RT 233+79.75 TO 234+26.00					1			1		
RT 306+59.00 TO 310+09.00	350							5		
RT 309+42.25 TO 309+98.50						1		1		
RT 307+04.75 TO 309+42.25		238						3		
RT 306+54.75 TO 307+04.75			1					1	1	
NORTHBOUND TOTALS:	9,994	4,450	5	2	3	2	11	121	5	116

SEE SHEET 17 FOR ADDITIONAL QUANTITIES.

PROPOSED PATCHING SCHEDULE

NORTHBOUND LANES												
LOCATION STRUCTURE	WIDTH (FT)	LENGTH (FT)	AREA (SQ FT)	AREA (SQ YD)	TYPE	TOTALS				DOWEL BARS	TIE BARS	SAW CUTS
						I	II	III	IV			
041-0055	12	6	72	8.0	II	8.0				12.0	12	54
041-0001	12	6	72	8.0	II	8.0				12.0	12	54
041-0001	12	6	72	8.0	II	8.0				12.0	12	54
041-0001	12	6	72	8.0	II	8.0				12.0	12	54
041-0001	12	6	72	8.0	II	8.0				12.0	12	54
041-0001	12	6	72	8.0	II	8.0				12.0	12	54
041-0001	12	10	120	13.3	II	13.3				12.0	12	66
041-0054	12	8	96	10.7	II	10.7				12.0	12	60
041-0054	12	8	96	10.7	II	10.7				12.0	12	60
041-0054	12	6	72	8.0	II	8.0				12.0	12	54
041-0054	12	6	72	8.0	II	8.0				12.0	12	54
NORTHBOUND TOTALS:						98.7				132	132	618
SOUTHBOUND LANES												
LOCATION STRUCTURE	WIDTH (FT)	LENGTH (FT)	AREA (SQ FT)	AREA (SQ YD)	TYPE	TOTALS				DOWEL BARS	TIE BARS	SAW CUTS
						I	II	III	IV			
041-0054	12	6	72	8.0	II	8.0				12.0	12	54
041-0002	12	6	72	8.0	II	8.0				12.0	12	54
041-0002	12	6	72	8.0	II	8.0				12.0	12	54
041-0002	12	6	72	8.0	II	8.0				12.0	12	54
041-0002	12	6	72	8.0	II	8.0				12.0	12	54
041-0002	12	6	72	8.0	II	8.0				12.0	12	54
041-0002	12	6	72	8.0	II	8.0				12.0	12	54
041-0002	12	6	72	8.0	II	8.0				12.0	12	54
041-0002	12	6	72	8.0	II	8.0				12.0	12	54
041-0002	12	7	84	9.3	II	9.3				12.0	12	57
041-0002	12	14	168	18.7	III	18.7				12.0	12	78
041-0055	12	8	96	10.7	II	10.7				12.0	12	60
SOUTHBOUND TOTALS:						100	19			156	156	735
JOB TOTALS:						199	19			288	288	1353

GUARDRAIL SCHEDULE (SOUTHBOUND)

LOCATION STATION TO STATION	GUARDRAIL REMOVAL FOOT	SPBGR TYPE A FOOT	TRAFFIC BARRIER TERMINAL				GUARDRAIL MARKERS		TERMINAL MARKERS DIRECT APPLIED EACH	CONCRETE CURB, TYPE B FOOT
			TY 1, SPL (TAN) EACH	TYPE 2 EACH	TYPE 6 EACH	TYPE 6B EACH	AMBER EACH	SILVER EACH		
SOUTHBOUND										
LT 309+87.00 TO 313+56.00	369							5		
LT 309+94.00 TO 310+50.25						1		1		
LT 310+50.25 TO 313+06.50		256						4		
LT 313+06.50 TO 313+56.50			1					1	1	
LT 217+74.00 TO 234+28.00	1654							21		38.8
LT 217+42.25 TO 217+92.25			1					1	1	
LT 217+92.25 TO 233+79.75		1588						20		
LT 233+79.75 TO 234+26.00					1			1		
LT 235+55.00 TO 247+52.00	1197							15		38.8
LT 235+59.00 TO 236+05.25					1			1		
LT 236+05.25 TO 247+05.25		1100						14		
LT 247+05.25 TO 247+55.25			1					1	1	
RT 235+55.00 TO 237+10.00	155								2	38.8
RT 235+59.00 TO 236+05.25					1				1	
RT 236+05.25 TO 239+36.50		331							5	
RT 239+36.50 TO 239+86.50			1						1	
LT 163+55.00 TO 170+96.00	741							10		
LT 163+55.00 TO 170+46.00		691		1				9		
LT 170+46.00 TO 170+96.00			1					1	1	
LT 117+00.00 TO 120+22.70	323							5		
LT 117+00.00 TO 117+56.25							1	1		
LT 117+56.25 TO 119+75.00		219						3		
LT 119+75.00 TO 120+25.00			1					1	1	
LT 76+16.00 TO 78+56.00	240							3		
LT 76+00.00 TO 78+87.50		288						4		
LT 78+87.50 TO 79+37.50			1					1	1	
SOUTHBOUND TOTALS:	4,679	4,472	7	1	3	2		123	9	7
PROJECT TOTALS:	14,673	8,922	12	3	6	4		134	130	12
								264		

MEDIAN CROSSOVER SCHEDULE

LOCATION STATION	AREA (SQ FT)	INCIDENTAL HMA SURFACING	BITUMINOUS MATERIALS (PRIME COAT)	GRADING AND SHAPING SHOULDERS	TEMPORARY RAMP
		TON	GAL	UNIT	SQ YD
158+37	1625.30	68	23	1	67
370+00	1652.40	69	24	1	67
TOTALS		138	47	2	133

RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH	RUBBLIZE	HMA BINDER	POLY HMA	POLY HMA SURFACE	MATERIAL	HOT-MIX	BITUMINOUS	POLYMERIZED BITUMINOUS
		PCC PAVEMENT	CRSE, N90, 1L-19.0	BINDER CRSE, N105, 1L-19.0	CRSE, MIX "E", N105	TRANSFER DEVICE	ASHPALT SHOULDER	MATERIALS (PRIME COAT)	MATERIALS (PRIME COAT)
NORTHBOUND		SO YD	TON	TON	TON	TON	TON	GAL	GAL
12+90.0 TO 13+00.0	10.00				2.2	2.2			2.4
13+00.0 TO 15+70.0	270.00		77.7	109.1	75.5	262.3	122.2		179.6
15+70.0 TO 101+75.0	8605.00	23106.0	7579.9	2954.5	2588.3	13122.7	5060.5	2079.5	3614.1
101+75.0 TO 108+11.9	636.90	1710.2	884.0	385.6	339.9	1609.5	414.2	153.9	529.5
108+11.9 TO 113+80.0	568.10	1525.5	646.5	316.5	299.2	1262.2	631.8	137.3	572.9
113+80.0 TO 116+50.0	270.00		80.6	111.4	76.0	268.0	125.7		179.6
116+50.0 TO 117+43.0	93.03			24.8	21.0	45.8	26.3		51.1
117+43.0 TO 117+55.1	12.07		3.6	5.0	3.4	12.0	5.4		0.4
117+55.1 TO 117+62.1									
117+62.1 TO 120+20.0	257.93		77.0	106.4	72.6	256.0	115.0		163.9
120+20.0 TO 125+61.0	541.00	1452.7	589.2	285.7	272.0	1146.8	560.3	130.7	561.5
125+61.0 TO 137+33.0	1172.00	3147.0	1308.8	583.3	513.3	2405.5	762.2	283.2	804.0
137+33.0 TO 231+52.7	9419.70	25293.6	8291.1	3234.2	2833.3	14358.6	5539.6	2276.4	3956.3
231+52.7 TO 234+22.7	270.00		10.9	50.9	84.3	146.1	122.2		148.2
234+22.7 TO 235+62.4	139.70					0.0			
235+62.4 TO 238+32.4	270.00		10.9	50.9	84.3	146.1	122.2		148.2
238+32.4 TO 306+80.0	6847.60	18387.1	6045.8	2351.1	2059.7	10456.6	4027.0	1654.8	2876.0
306+80.0 TO 309+50.0	270.00		80.6	111.4	76.0	268.0	120.4		179.6
309+50.0 TO 310+50.0	100.00				22.6	49.2	28.3		54.9
310+50.0 TO 313+20.0	270.00		80.6	111.4	76.0	268.0	120.4		179.6
313+20.0 TO 372+70.0	5950.00	15976.9	5262.2	2042.9	1789.7	9094.9	3499.1	1437.9	2499.0
372+70.0 TO 375+40.0	270.00		10.9	50.9	84.3	146.1	122.2		148.2
SOUTHBOUND									
12+90.0 TO 13+00.0	10.00				2.2	2.2			2.4
13+00.0 TO 15+70.0	270.00		77.7	109.1	75.5	262.3	122.2		179.6
15+70.0 TO 98+96.1	8326.10	22357.1	7336.4	2858.7	2504.4	12699.6	4896.5	2012.1	3497.0
98+96.1 TO 109+01.3	1005.20	2699.1	1208.1	515.2	453.5	2176.8	653.7	242.9	709.7
109+01.3 TO 114+10.0	508.70	1366.0	504.3	238.3	230.0	972.6	447.5	122.9	547.9
114+10.0 TO 116+50.0	240.00		80.6	111.4	76.0	268.0	120.4		159.6
116+50.0 TO 117+43.0	93.03			24.8	21.0	45.8	26.3		51.1
117+43.0 TO 117+55.1	12.07		3.6	5.0	3.4	12.0	5.4		0.4
117+55.1 TO 117+62.1									
117+62.1 TO 120+20.0	257.93		77.0	106.4	72.6	256.0	115.0		163.9
120+20.0 TO 125+61.0	541.00	1452.7	564.1	269.5	257.6	1091.3	518.6	130.7	561.5
125+61.0 TO 132+27.6	666.60	1789.9	847.1	396.6	349.6	1593.2	433.5	161.1	544.7
132+27.6 TO 231+52.7	9925.10	26650.7	8732.2	3407.7	2985.4	15125.3	5836.8	2398.6	4168.5
231+52.7 TO 234+22.7	270.00		10.9	50.9	84.3	146.1	122.2		148.2
234+22.7 TO 235+62.4	139.70					0.0			
235+62.4 TO 238+32.4	270.00		10.9	50.9	84.3	146.1	122.2		148.2
238+32.4 TO 306+80.0	6847.60	18387.1	6045.8	2351.1	2059.7	10456.6	4027.0	1654.8	2876.0
306+80.0 TO 309+50.0	270.00		80.6	111.4	76.0	268.0	120.4		179.6
309+50.0 TO 310+50.0	100.00				22.6	49.2	28.3		54.9
310+50.0 TO 313+20.0	270.00		80.6	111.4	76.0	268.0	120.4		179.6
313+20.0 TO 372+70.0	5950.00	15976.9	5262.2	2042.9	1789.7	9094.9	3499.1	1437.9	2499.0
372+70.0 TO 375+40.0	270.00		10.9	50.9	84.3	146.1	122.2		148.2
TOTALS		181,278	61,973	25,752	22,679	110,404	42,863	16,315	33,666

PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PREFORMED PAVEMENT MARKING					SHORT TERM PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS	WORK ZONE PAVEMENT MARKING REMOVAL
	LINE 6"		LINE 4"		LINE 8"				
	SKIP DASH WHITE	SOLID WHITE	SOLID YELLOW	SOLID WHITE	SKIP DASH WHITE				
NORTHBOUND									
13+00.0 TO 101+75.0	2219	8875	8875			710	112	112	237
101+75.0 TO 107+77.5	151	603	603			48	39	39	16
107+77.5 TO 108+97.5	30	120	120	240		19	17	17	6
108+97.5 TO 117+55.1	214	1981	1981	100	100	112	12	12	37
117+55.1 TO 117+62.1									
117+55.1 TO 375+40.0	6446	25785	25785			2063	323	323	688
SOUTHBOUND									
13+00.0 TO 117+55.1	2614	10843	10843	100	100	867	132	132	289
117+55.1 TO 117+62.1									
117+62.1 TO 126+07.8	211	1950	1950	240		135	70	70	45
126+07.8 TO 132+27.6	155	620	620			50	9	9	17
132+27.6 TO 375+40.0	6078	24312	24312			1945	305	305	648
TOTALS		18,118	75,089	75,089	680	200	5,950	1,017	1,983
			150,177		880				

REMOVAL SCHEDULE

LOCATION STATION TO STATION		LENGTH	HMA SURFACE REMOVAL, 1"	HMA SURFACE REMOVAL, 1 1/2"	HMA SURFACE REMOVAL, 3 1/4"	HMA SURFACE REMOVAL, 5 3/4"	HMA SURFACE REMOVAL VARIABLE DEPTH	HMA SURFACE REMOVAL, BUTT JOINT	TEMPORARY RAMP
		FEET	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD	SO YD
NORTHBOUND									
12+90.0	TO 13+00.0	10.00		26.7					
13+00.0	TO 15+70.0	270.00			720.0				57.9
15+70.0	TO 101+75.0	8605.00			22946.7		420.0		55.6
101+75.0	TO 108+11.9	636.90	2032.4		1698.4	298.8			
108+11.9	TO 113+80.0	568.10	1966.2		1514.9	22.1			20.8
113+80.0	TO 116+50.0	270.00			720.0	19.7			
116+50.0	TO 117+43.0	93.03			130.9		420.0		63.3
117+43.0	TO 117+55.1	12.07			32.2				
117+55.1	TO 117+62.1						18.8		
117+62.1	TO 120+20.0	257.93							
120+20.0	TO 125+61.0	541.00	1667.6		1442.7	18.8	401.2		63.3
125+61.0	TO 132+27.6	666.60	2738.0		1777.6	23.1			
132+27.6	TO 231+52.7	9925.10			26466.9	344.6			20.8
231+52.7	TO 234+22.7	270.00					420.0		113.2
234+22.7	TO 235+62.4	139.70						213.3	
235+62.4	TO 238+32.4	270.00					420.0		113.2
238+32.4	TO 306+80.0	6847.60			18260.3	237.8		213.3	113.2
306+80.0	TO 309+50.0	270.00			720.0		420.0		63.3
309+50.0	TO 310+50.0	100.00			140.7		420.0		63.3
310+50.0	TO 313+20.0	270.00			720.0		420.0		63.3
313+20.0	TO 372+70.0	5950.00			15866.7	206.6		213.3	113.2
372+70.0	TO 375+40.0	270.00					420.0		113.2
SOUTHBOUND									
12+90.0	TO 13+00.0	10.00		26.7					
13+00.0	TO 15+70.0	270.00			720.0				57.9
15+70.0	TO 98+96.1	8326.10			22202.9	289.1	420.0		55.6
98+96.1	TO 109+01.3	1005.20	2466.5		2680.5	34.9			20.8
109+01.3	TO 113+80.0	478.70	1163.6		1276.5	16.6			
113+80.0	TO 116+50.0	270.00			720.0		420.0		63.3
116+50.0	TO 117+43.0	93.03			130.9				
117+43.0	TO 117+55.1	12.07			32.2				
117+55.1	TO 117+62.1						18.8		
117+62.1	TO 120+20.0	257.93							
120+20.0	TO 125+61.0	541.00	1443.6		1442.7	18.8	401.2		63.3
125+61.0	TO 132+27.6	666.60	2071.6		1777.6	23.1			
132+27.6	TO 231+52.7	9925.10			26466.9	344.6			20.8
231+52.7	TO 234+22.7	270.00					420.0		113.2
234+22.7	TO 235+62.4	139.70						213.3	
235+62.4	TO 238+32.4	270.00					420.0		113.2
238+32.4	TO 306+80.0	6847.60			18260.3	237.8		213.3	113.2
306+80.0	TO 309+50.0	270.00			720.0		420.0		63.3
309+50.0	TO 310+50.0	100.00			140.7		420.0		63.3
310+50.0	TO 313+20.0	270.00			720.0		420.0		63.3
313+20.0	TO 372+70.0	5950.00			15866.7	206.6		213.3	113.2
372+70.0	TO 375+40.0	270.00					420.0		113.2
TOTALS			15,549	53	186,316	2,344	6,720	1,280	1,496

BRIDGE DECK SEALER SCHEDULE

STRUCTURE NUMBER	DECK WIDTH (FEET)	DECK LENGTH (FEET)	PARAPET LENGTH (FEET)	CONCRETE SEALER		BRIDGE DECK	SILICONE
				DECK AREA SO FT	PARAPET TOP & FACE AREA SO FT	CONCRETE CRACK SEALER FOOT	JOINT SEALER FOOT
041-0001	40.0	143.5	140.3	5740	1064	570	84
041-0002	40.0	143.5	140.3	5740	1064	520	84
TOTALS				13,608	1,090	1,090	168

FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REMOVAL AND BRIDGE DECK SEALER SCHEDULES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pindot\shepardgd\08172891\7876-sht-schedule.dgn	6-sht-schedule.dgn	DRAWN -	REVISED -			57	(41-1R-1)	JEFFERSON	47	20	
PLOT SCALE = 1/8" = 1' IN.		CHECKED -	REVISED -			CONTRACT NO. 78176					
PLOT DATE = 2/22/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

GRADING AND SHAPING SHOULDERS SCHEDULE

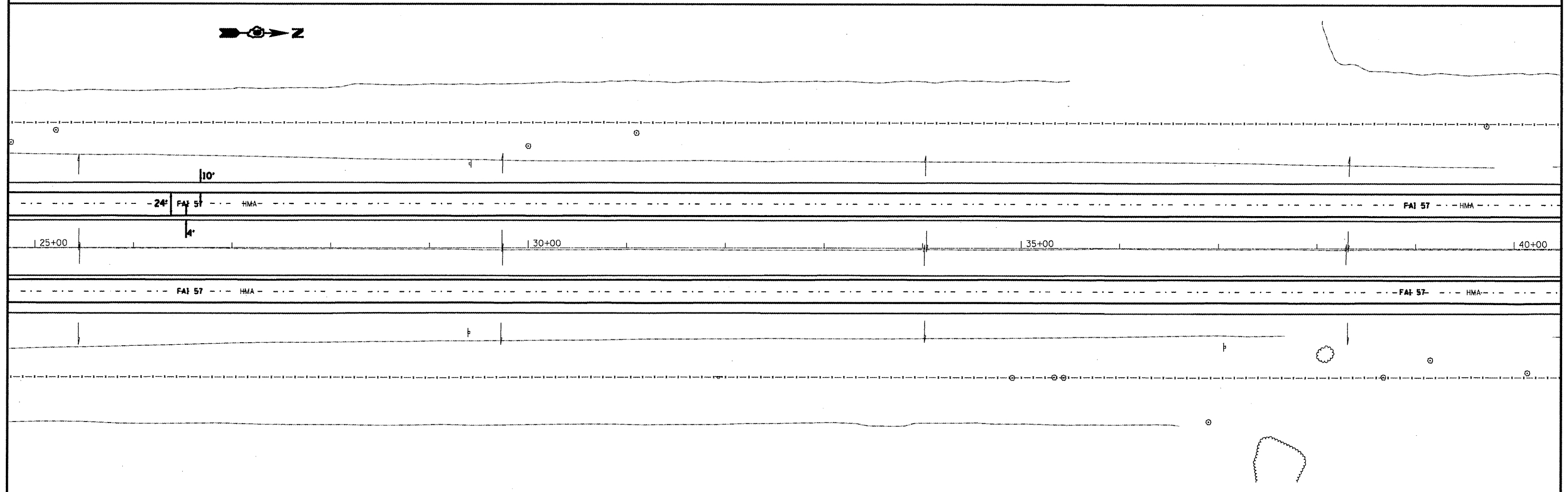
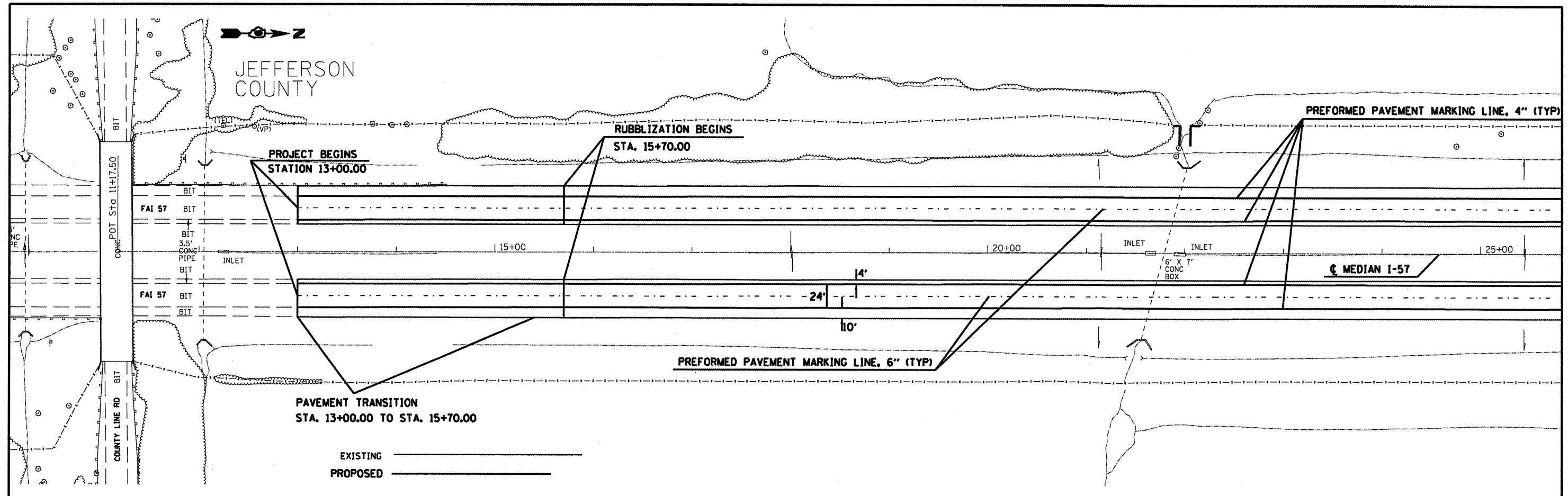
LOCATION STATION TO STATION	LENGTH	GRADING AND SHAPING SHOULDERS
NORTHBOUND		
13+00.0 TO 108+15.0	9515.00	190.30
RAMP "D"	632.00	12.64
RAMP "C"	536.00	10.72
108+15.0 TO 116+50.0	835.00	16.70
116+50.0 TO 117+43.0		NORTH AVENUE
117+43.0 TO 117+55.1	12.07	0.24
117+55.1 TO 117+62.1		STATION EQUATION
117+62.1 TO 234+22.7	11660.63	233.21
234+22.7 TO 235+62.4		STRUCTURES
235+62.4 TO 309+50.0	7387.60	147.75
309+50.0 TO 310+50.0		CAMPGROUND RD.
310+50.0 TO 375+40.0	6490.00	129.80
SOUTHBOUND		
13+00.0 TO 109+01.3	9601.30	192.03
RAMP "A"	374.00	7.48
RAMP "B"	464.00	9.28
109+01.3 TO 116+50.0	748.70	14.97
116+50.0 TO 117+43.0		NORTH AVENUE
117+43.0 TO 117+55.1	12.07	0.24
117+55.1 TO 117+62.1		STATION EQUATION
117+62.1 TO 234+22.7	11660.63	233.21
234+22.7 TO 235+62.4		STRUCTURES
235+62.4 TO 309+50.0	7387.60	147.75
309+50.0 TO 310+50.0		CAMPGROUND RD.
310+50.0 TO 375+40.0	6490.00	129.80
TOTALS		1.477

DELINEATOR SCHEDULE

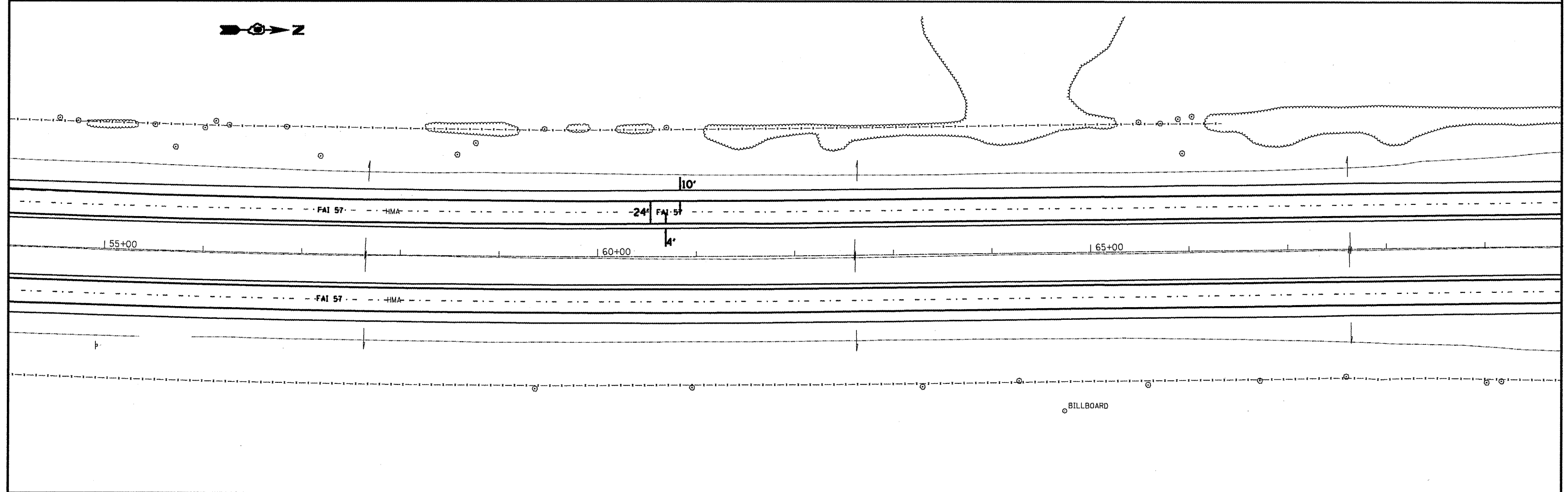
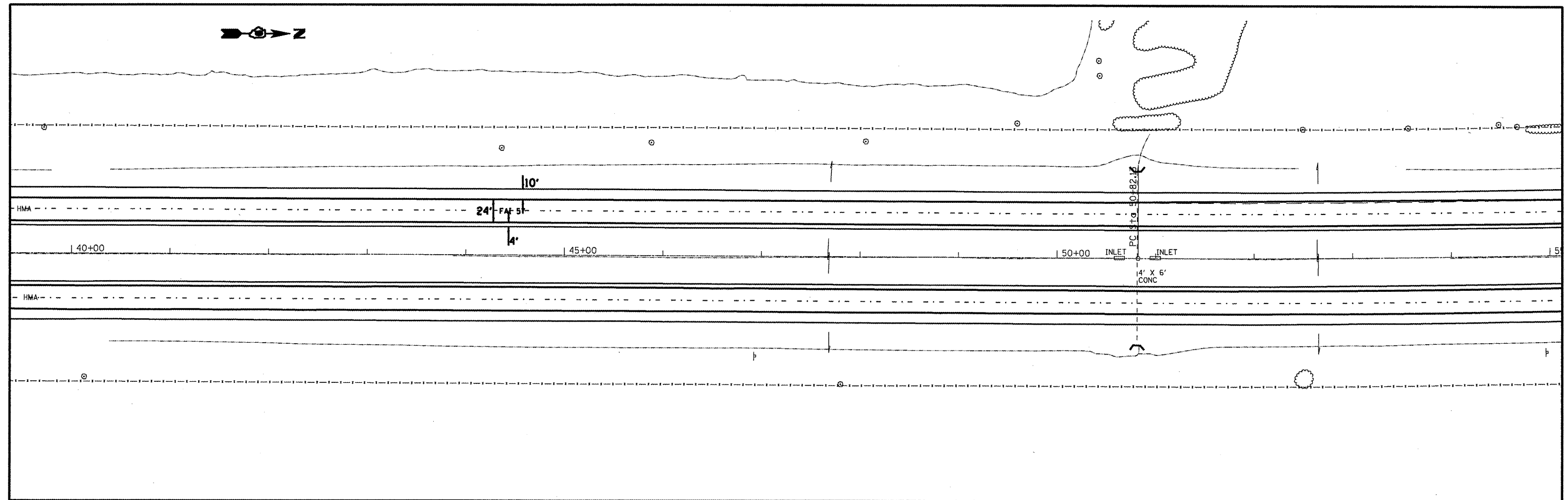
LOCATION STATION TO STATION	LENGTH	DELINEATORS
NORTHBOUND		
12+90.0 TO 101+75.0	8885.00	23
101+75.0 TO 108+11.9	636.90	2
RAMP "D"		20
RAMP "C"		20
108+11.9 TO 125+61.0	1749.10	5
125+61.0 TO 137+33.0	1172.00	12
137+33.0 TO 234+22.7	9689.70	25
234+22.7 TO 235+62.4	139.70	STRUCTURE
235+62.4 TO 375+40.0	13977.60	35
SOUTHBOUND		
12+90.0 TO 98+96.1	8606.10	22
98+96.1 TO 109+01.0	1004.90	11
RAMP "A"		20
RAMP "B"		20
109+01.0 TO 125+61.0	1660.00	5
125+61.0 TO 132+27.6	666.60	7
132+27.6 TO 234+22.7	10195.10	26
234+22.7 TO 235+62.4	139.70	STRUCTURE
235+62.4 TO 375+40.0	13977.60	35
TOTALS		288

SEEDING AND EROSION CONTROL SCHEDULE

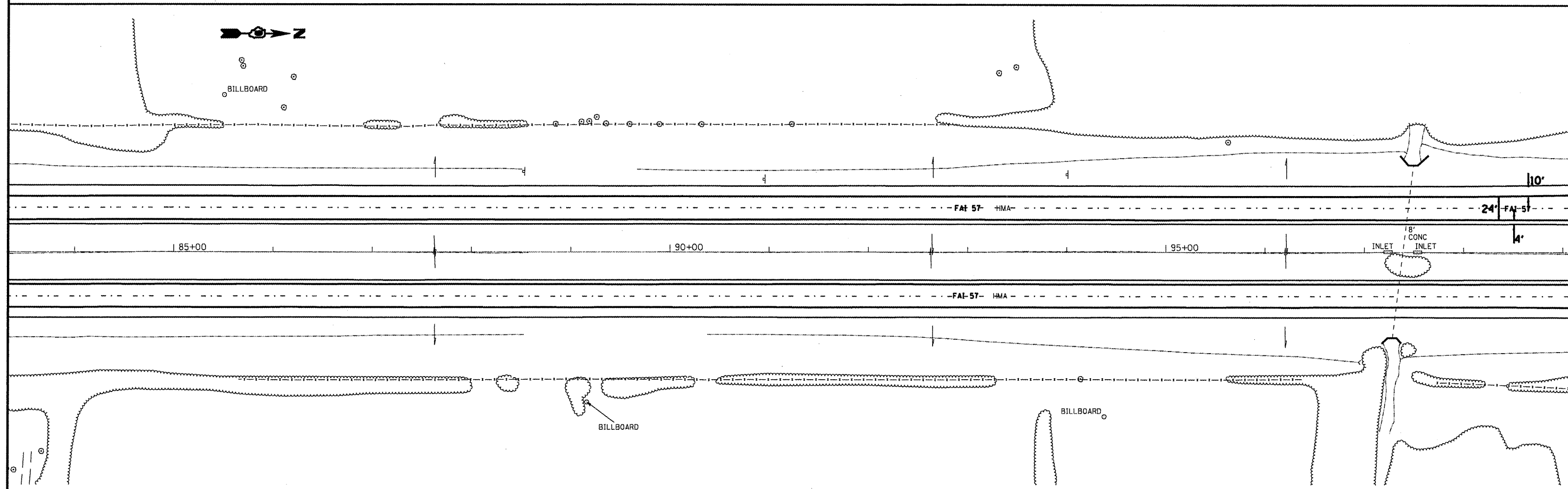
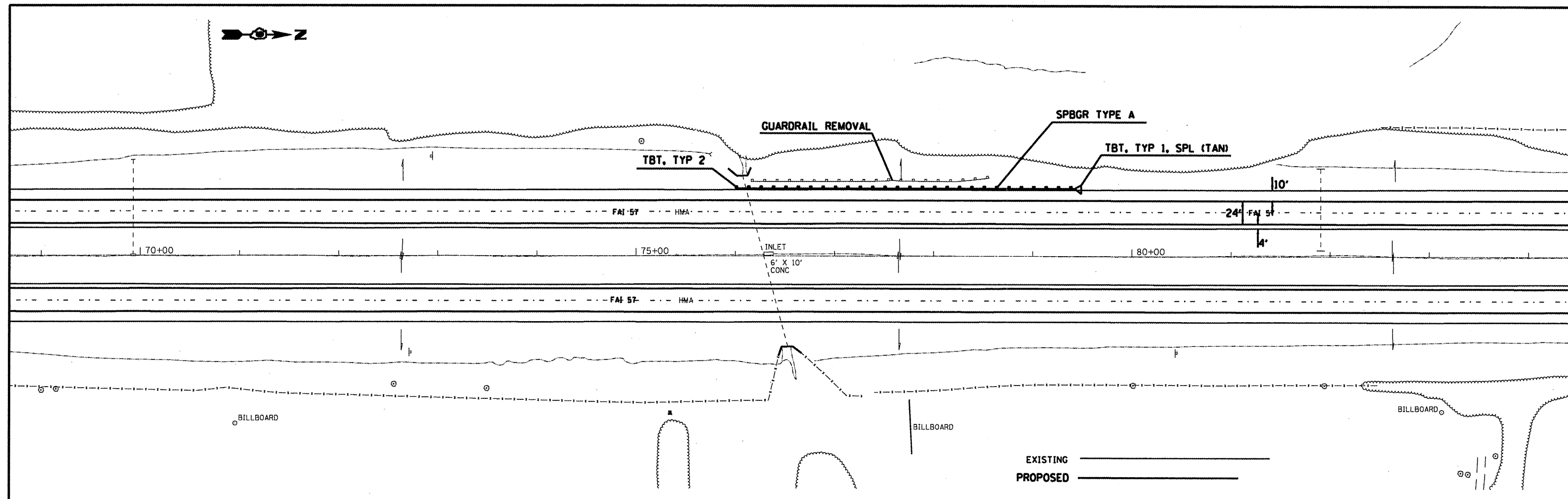
STATION	LOCATION	SEEDING CLASS 2	SEEDING CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH METHOD 2	EROSION CONTROL BLANKET	TEMPORARY EROSION CONTROL SEEDING
		ACRE	ACRE	POUND	POUND	POUND	TON	TON	SQ YD	POUND
123+40.00	NORTHBOUND	0.20	0.20	36.0	18.0	18.0	0.40	0.4	220	40.0
123+40.00	SOUTHBOUND	0.20	0.20	36.0	24.0	24.0	0.40	0.4	220	40.0
TOTALS		0.4	0.4	72.0	42.0	42.0	0.8	0.8	440.0	80.0



FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN - JEFFERSON COUNTY		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\pwidot\shepardgd\08172891\78176-shs-pln1.dgn	6-shs-pln1.dgn	DRAWN -	REVISED -				57	(41-11R-1)	JEFFERSON	47	22
PLOT SCALE = 1/83.1218 "/td> <td>IN.</td> <td>CHECKED -</td> <td>REVISED -</td> <td colspan="2" style="text-align: center;">SCALE: SHEET NO. OF SHEETS STA. TO STA.</td> <td colspan="2" style="text-align: center;">CONTRACT NO. 78176</td> <td colspan="2" style="text-align: center;">ILLINOIS FED. AID PROJECT</td>	IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 78176		ILLINOIS FED. AID PROJECT		
PLOT DATE = 1/21/2018	DATE -	DATE -	REVISED -								



FILE NAME =	USER NAME = sheperdgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN - JEFFERSON COUNTY	F.A.I. RTE. 57	SECTION 41-11R-1	COUNTY JEFFERSON	TOTAL SHEETS 47	SHEET NO. 23	
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	PLOT DATE = 1/21/2010	DATE -	REVISED -								



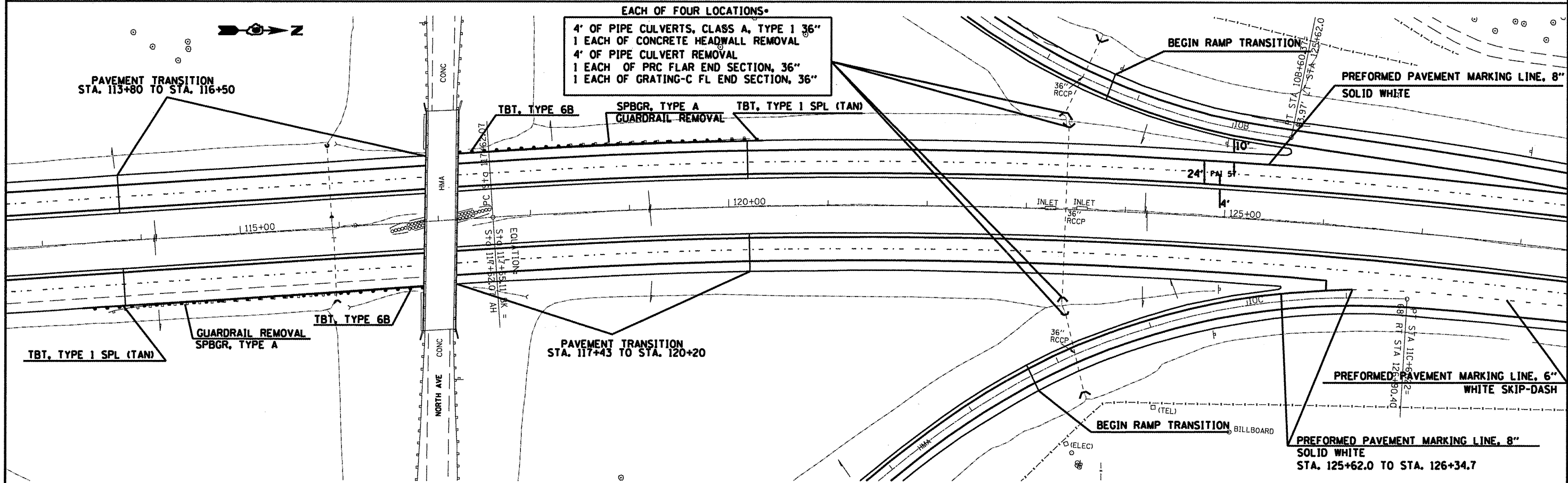
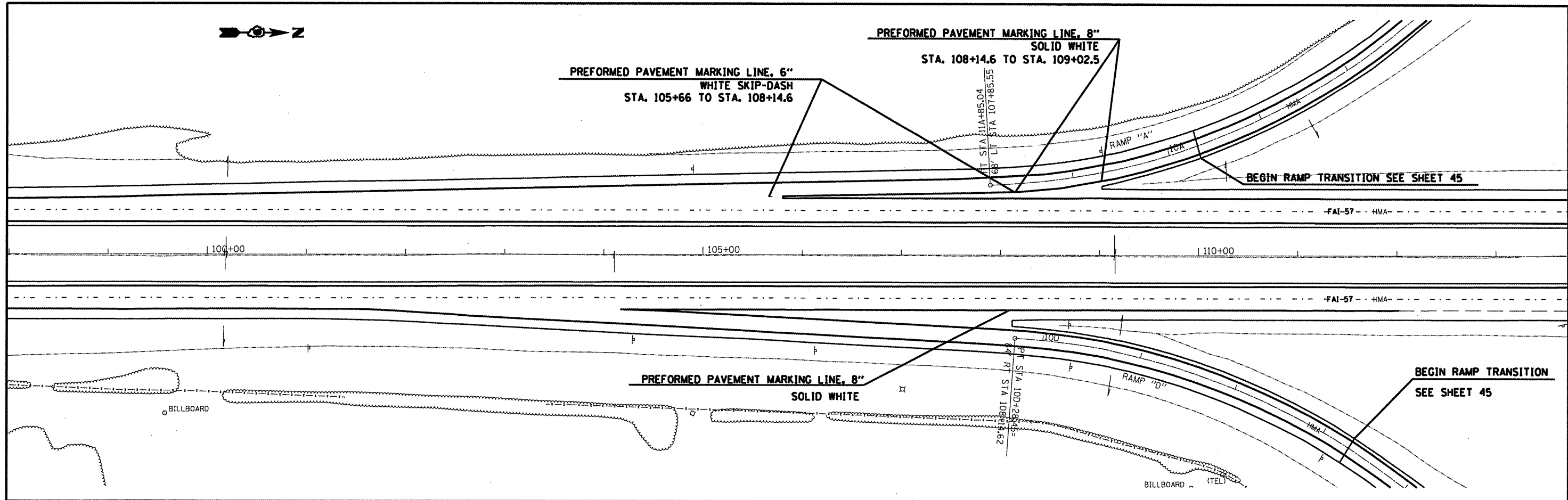
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PLOT DATE = 1/21/2010		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN - JEFFERSON COUNTY

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

F.A.J. RTE. 57	SECTION (41-11R-1)	COUNTY JEFFERSON	TOTAL SHEETS 47	SHEET NO. 24
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				



EACH OF FOUR LOCATIONS:
 4' OF PIPE CULVERTS, CLASS A, TYPE 1 36"
 1 EACH OF CONCRETE HEADWALL REMOVAL
 4' OF PIPE CULVERT REMOVAL
 1 EACH OF PRC FLAR END SECTION, 36"
 1 EACH OF GRATING-C FL END SECTION, 36"

*FLOWLINE ELEVATIONS SHALL REMAIN

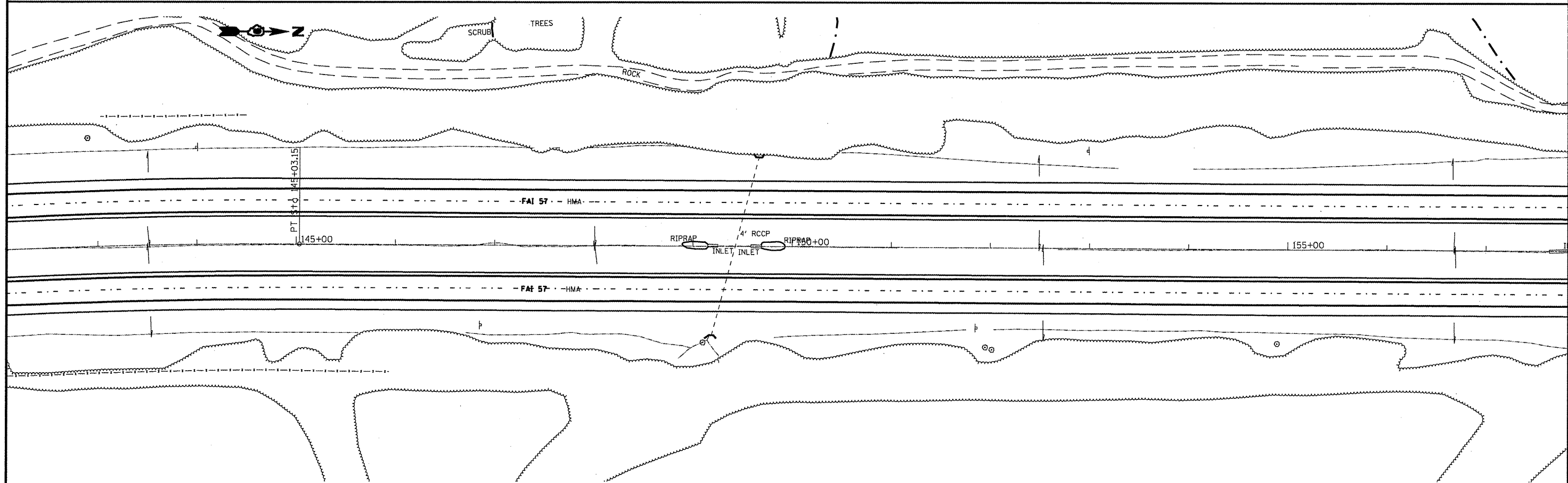
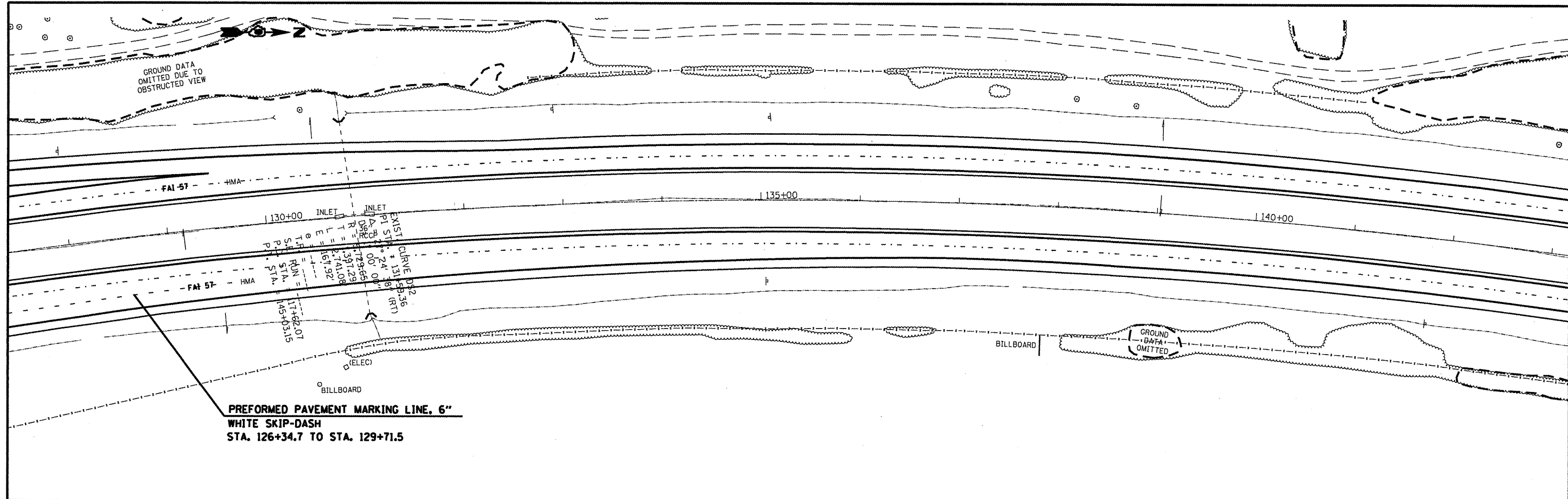
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PLOT DATE = 1/21/2018		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN - JEFFERSON COUNTY

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41)-1R-1	JEFFERSON	47	25
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				



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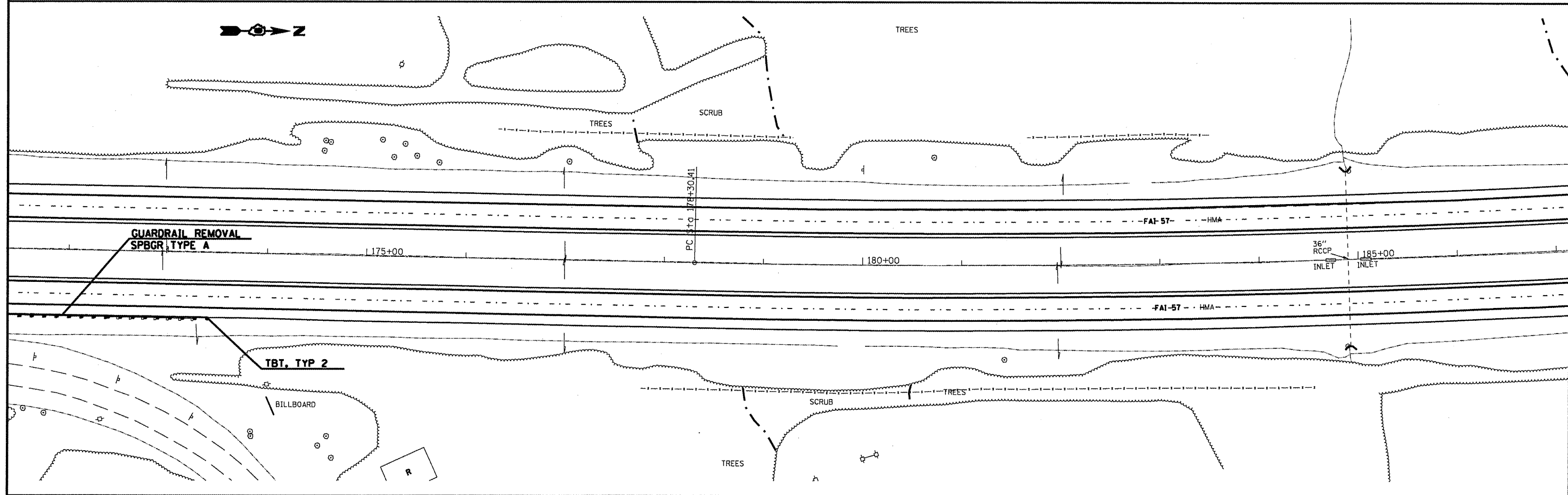
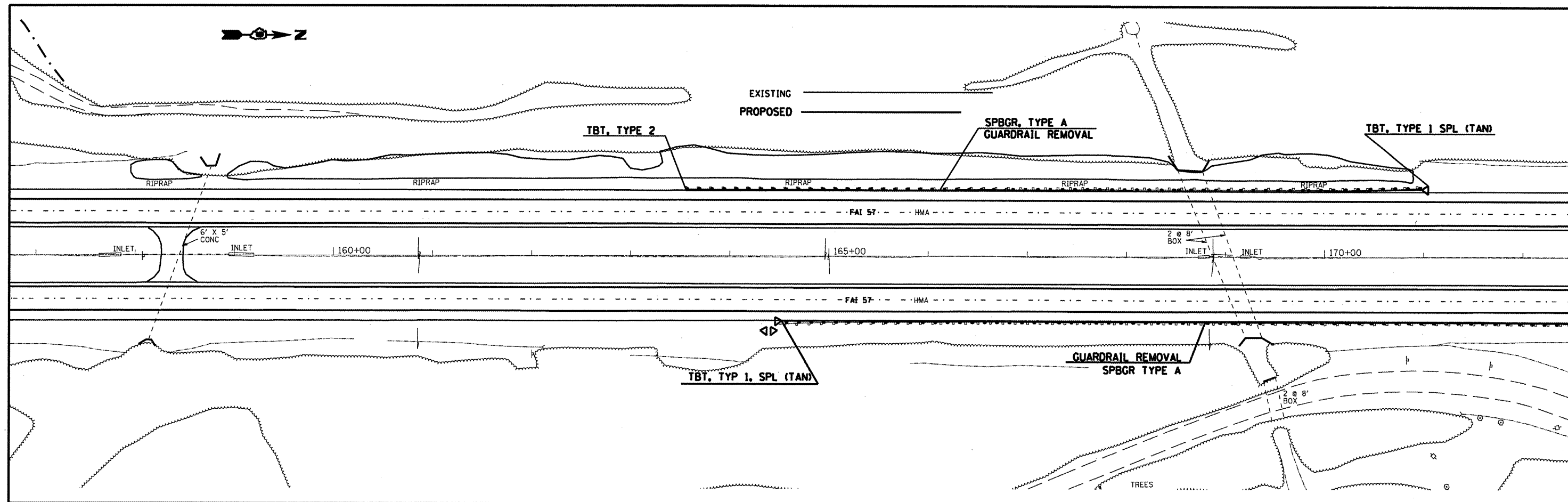
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

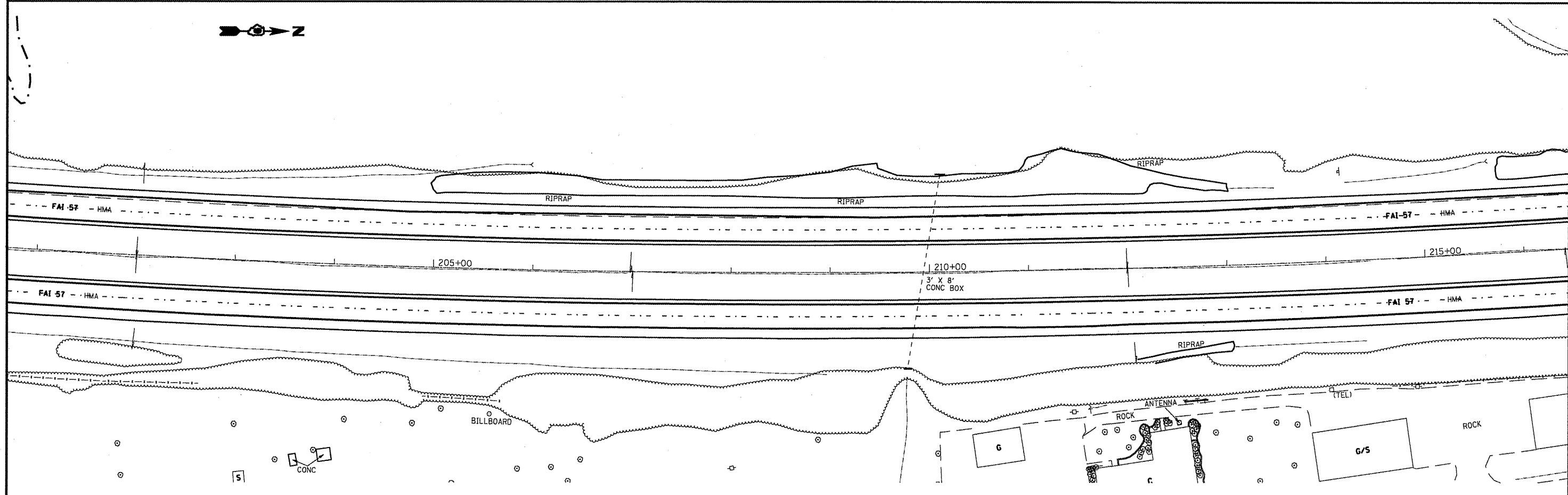
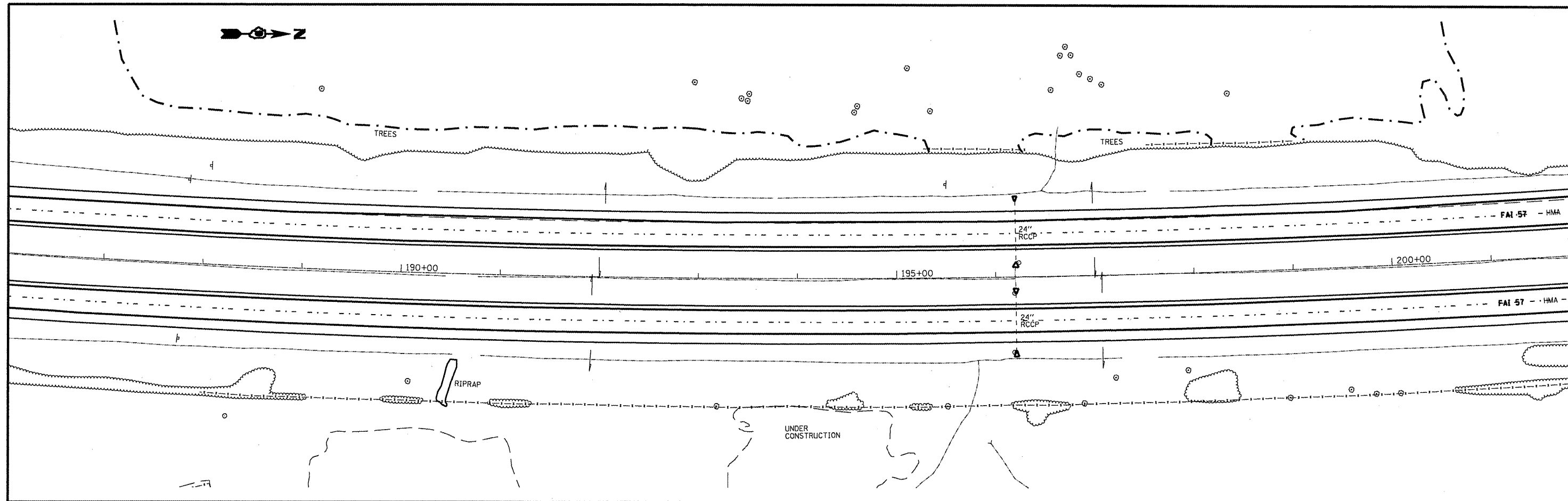
ROADWAY PLAN - JEFFERSON COUNTY

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41)-1R-1	JEFFERSON	47	26
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN - JEFFERSON COUNTY	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 1/21/2010	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

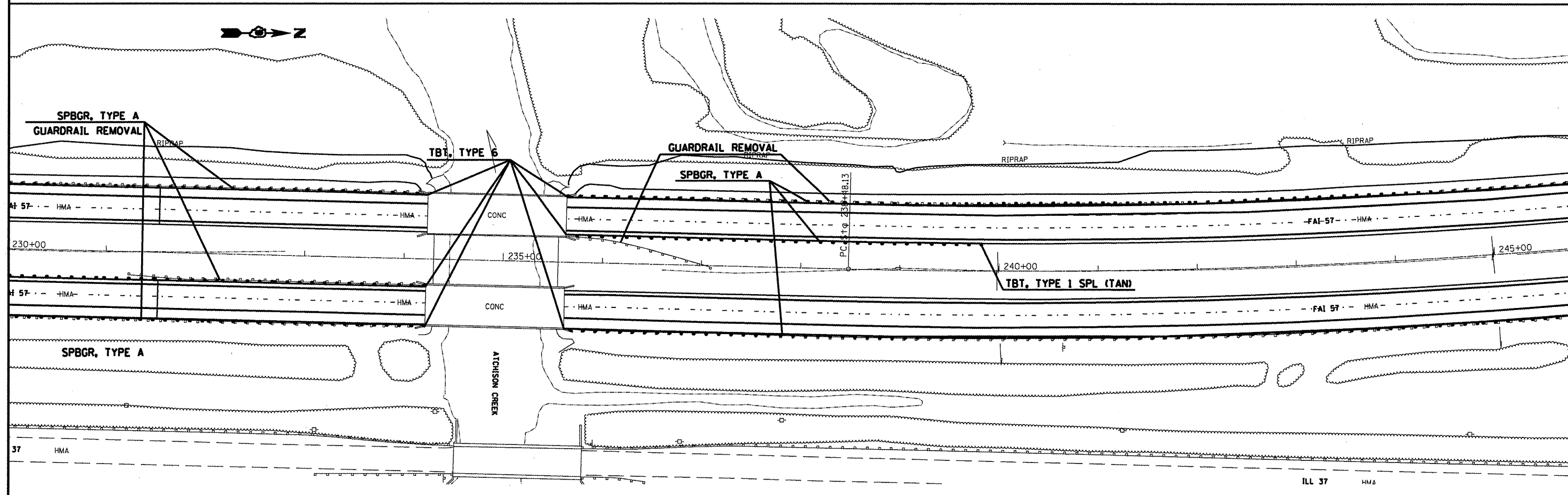
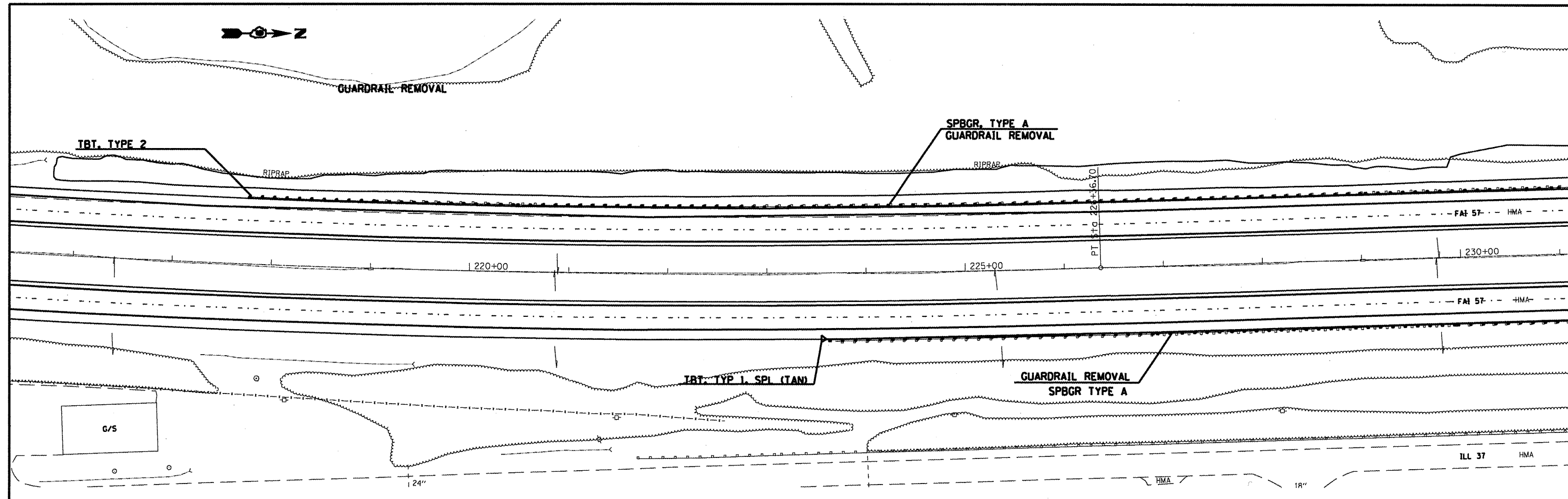


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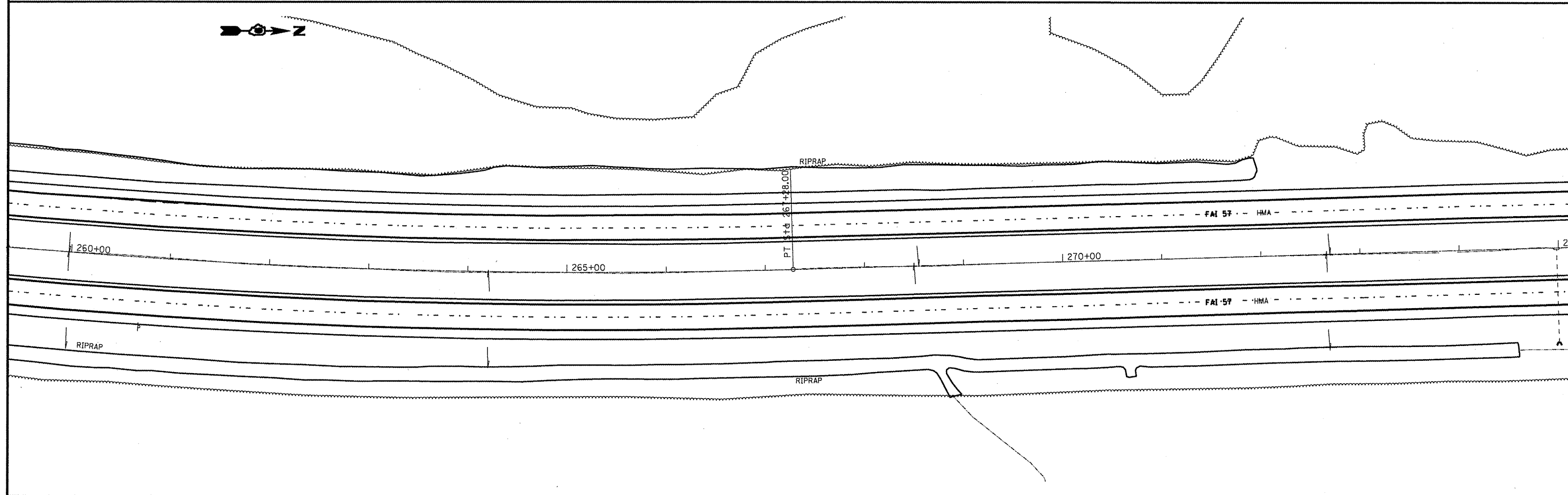
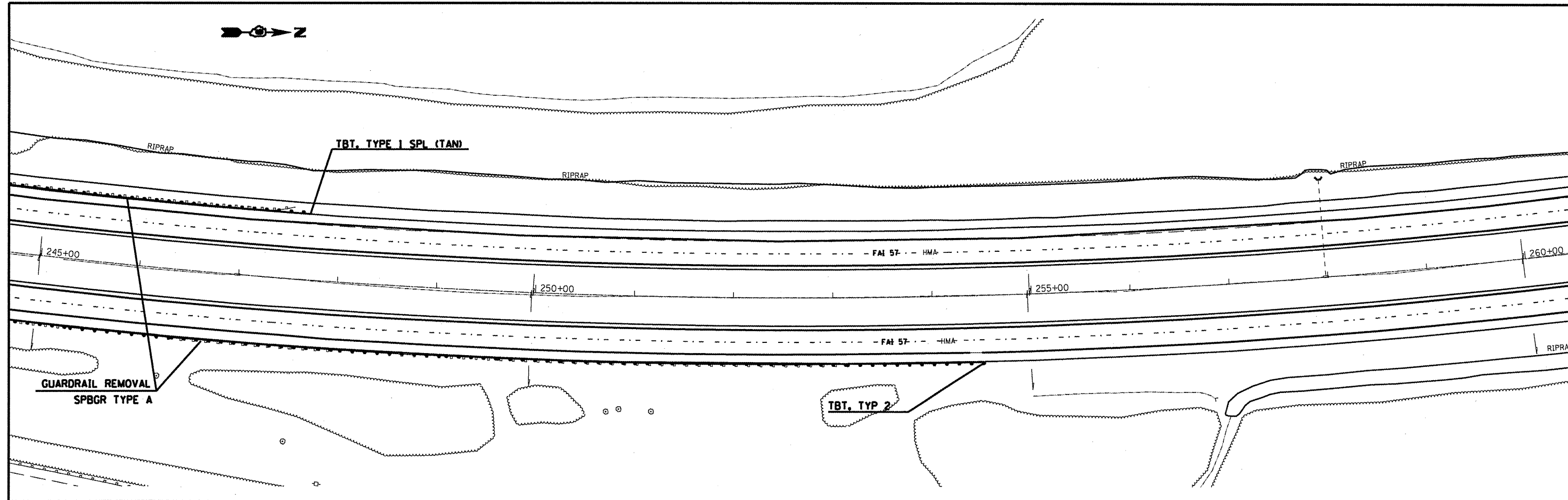
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN - JEFFERSON COUNTY			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-1R-1)	JEFFERSON	47	28
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN - JEFFERSON COUNTY			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 1/21/2018	DATE -	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 78176				
								ILLINOIS FED. AID PROJECT				



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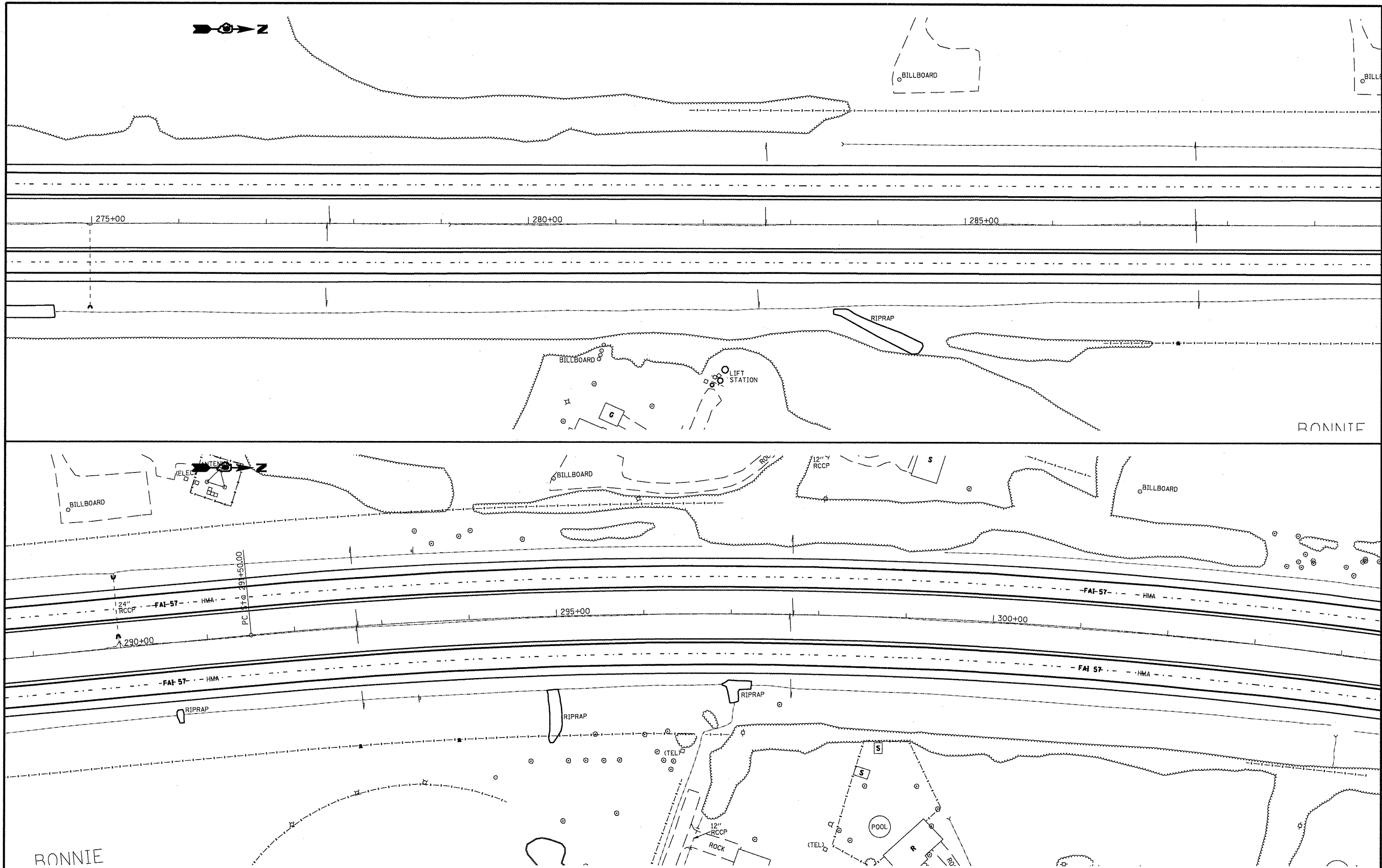
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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN - JEFFERSON COUNTY

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-1JR-1	JEFFERSON	47	30
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				



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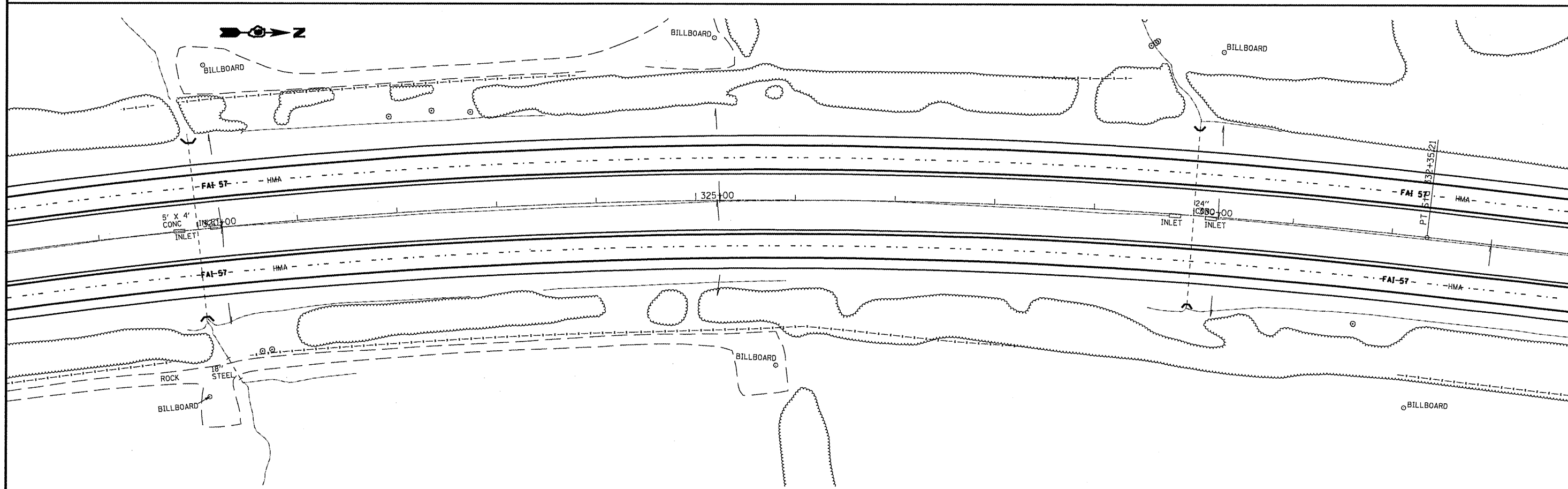
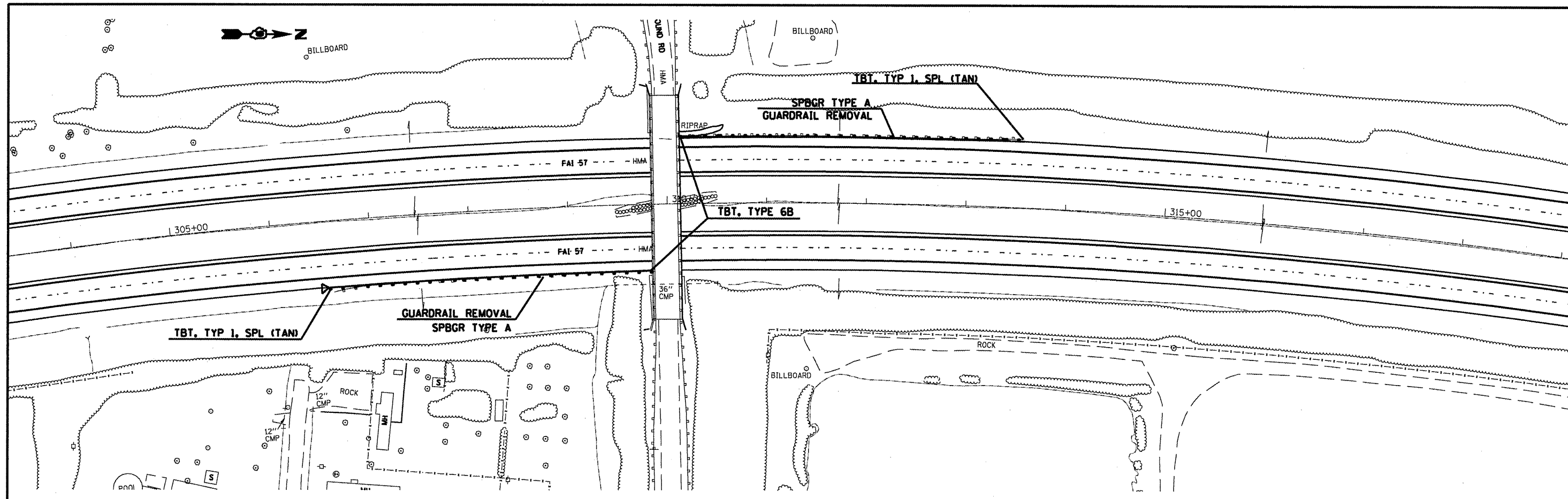
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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN - JEFFERSON COUNTY

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-1)R-1	JEFFERSON	47	31
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				



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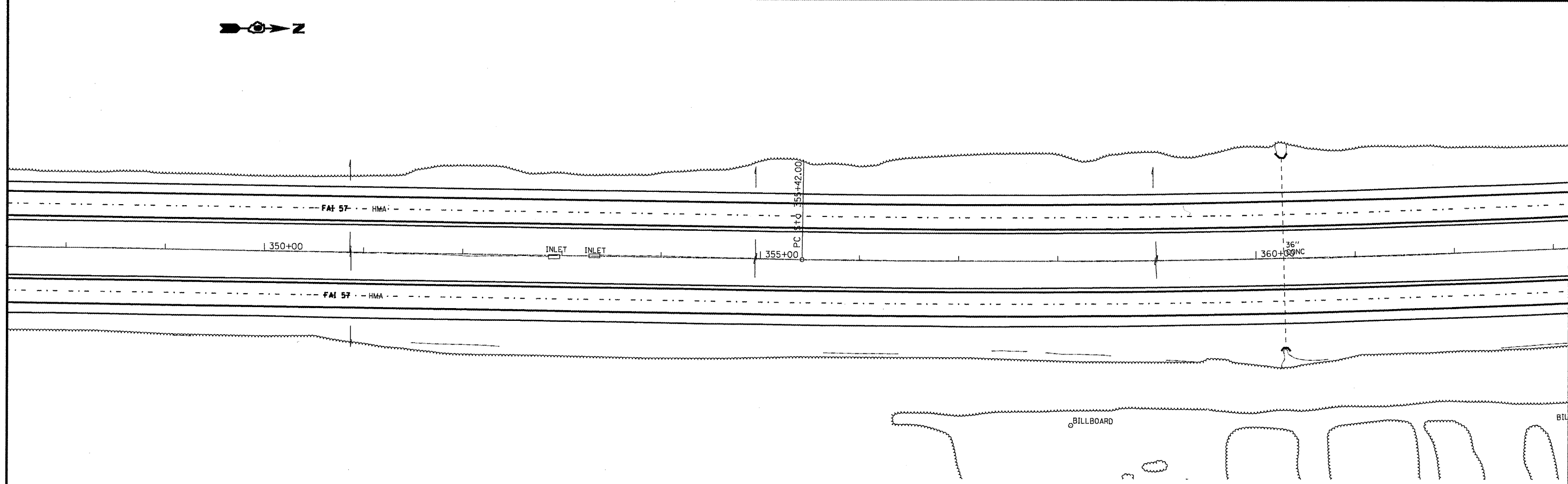
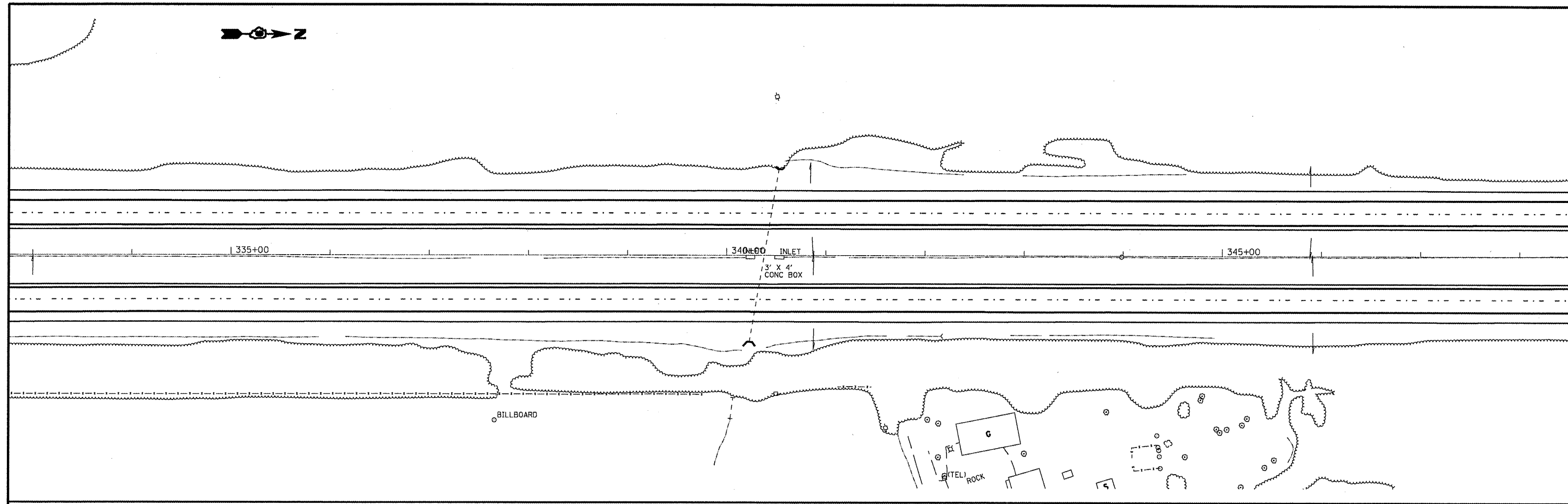
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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN - JEFFERSON COUNTY

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

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41)-IR-1	JEFFERSON	47	32
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				



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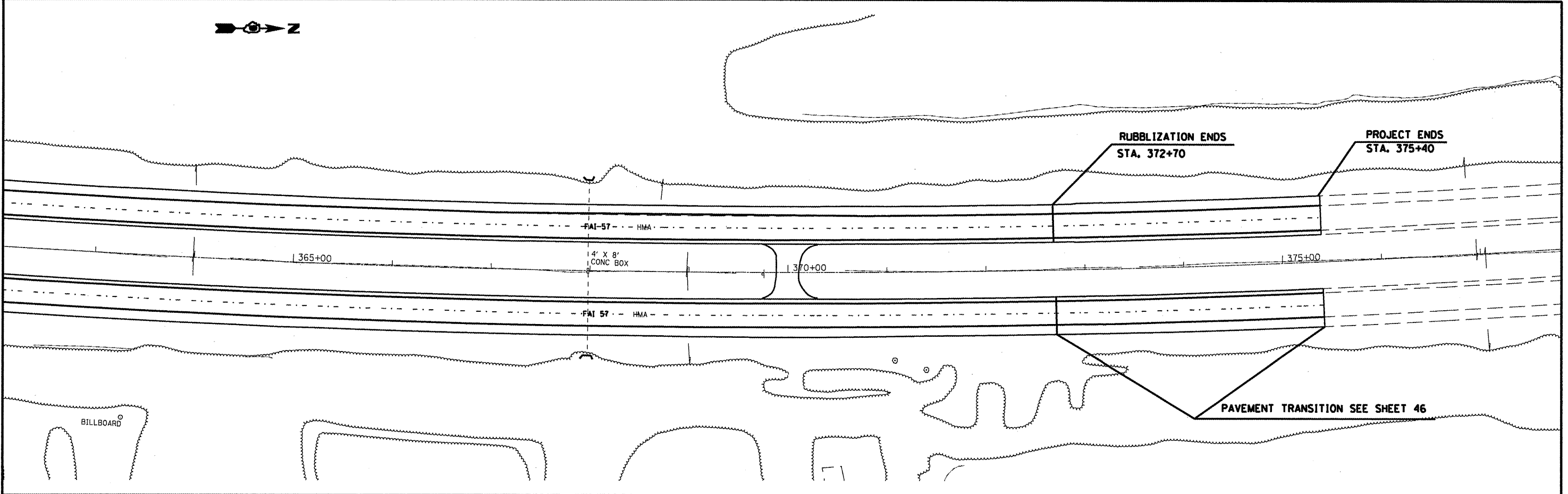
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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN - JEFFERSON COUNTY

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

F.A.I. RTE. 57	SECTION (41-1R-1)	COUNTY JEFFERSON	TOTAL SHEETS 47	SHEET NO. 33
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				



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DESIGNED -
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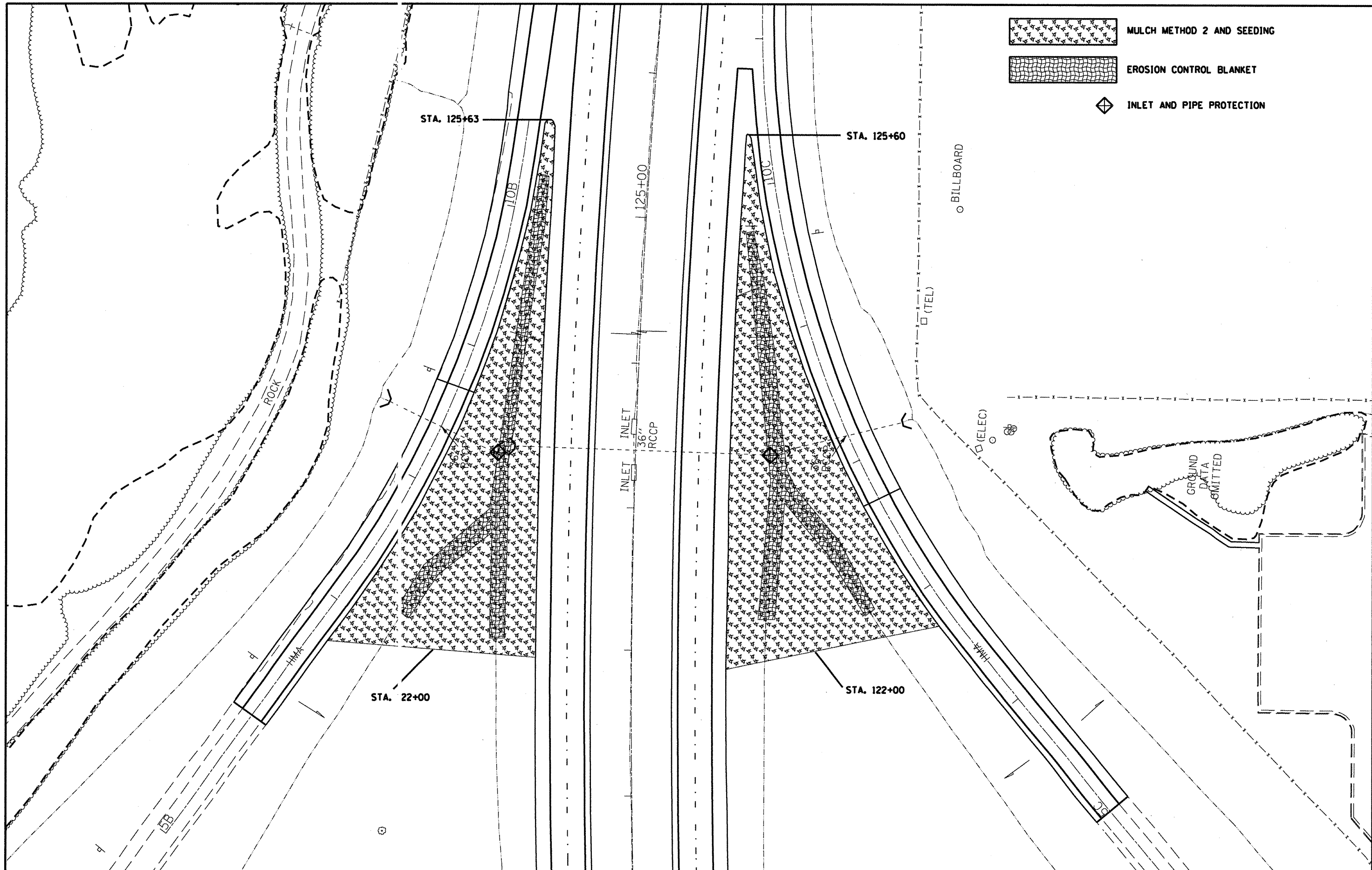
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN - JEFFERSON COUNTY

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41)-1R-1	JEFFERSON	47	34
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				

-  MULCH METHOD 2 AND SEEDING
-  EROSION CONTROL BLANKET
-  INLET AND PIPE PROTECTION



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 CHECKED -
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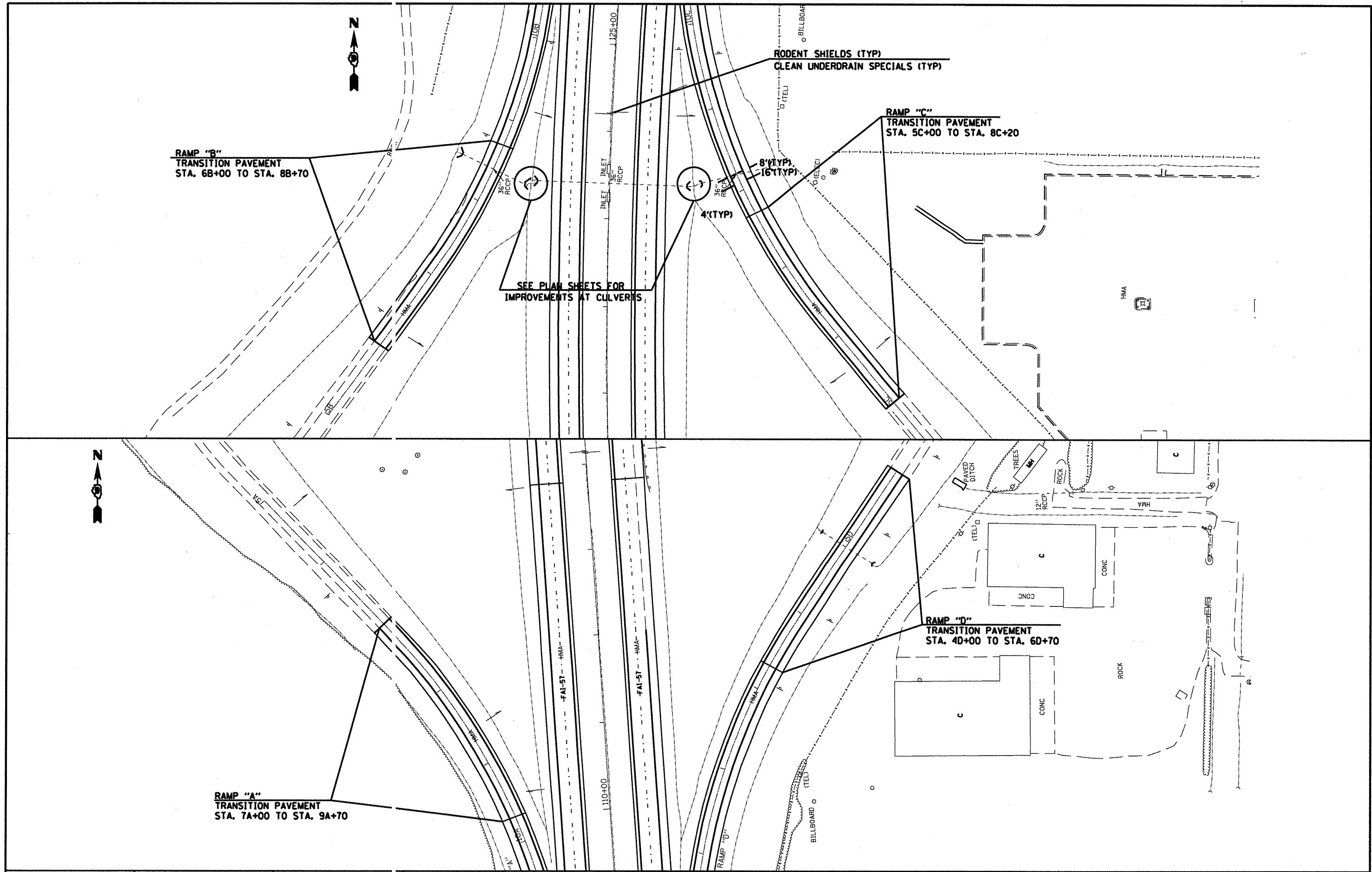
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL AND SEEDING PLAN

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

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-10R-1)	JEFFERSON	47	35
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				



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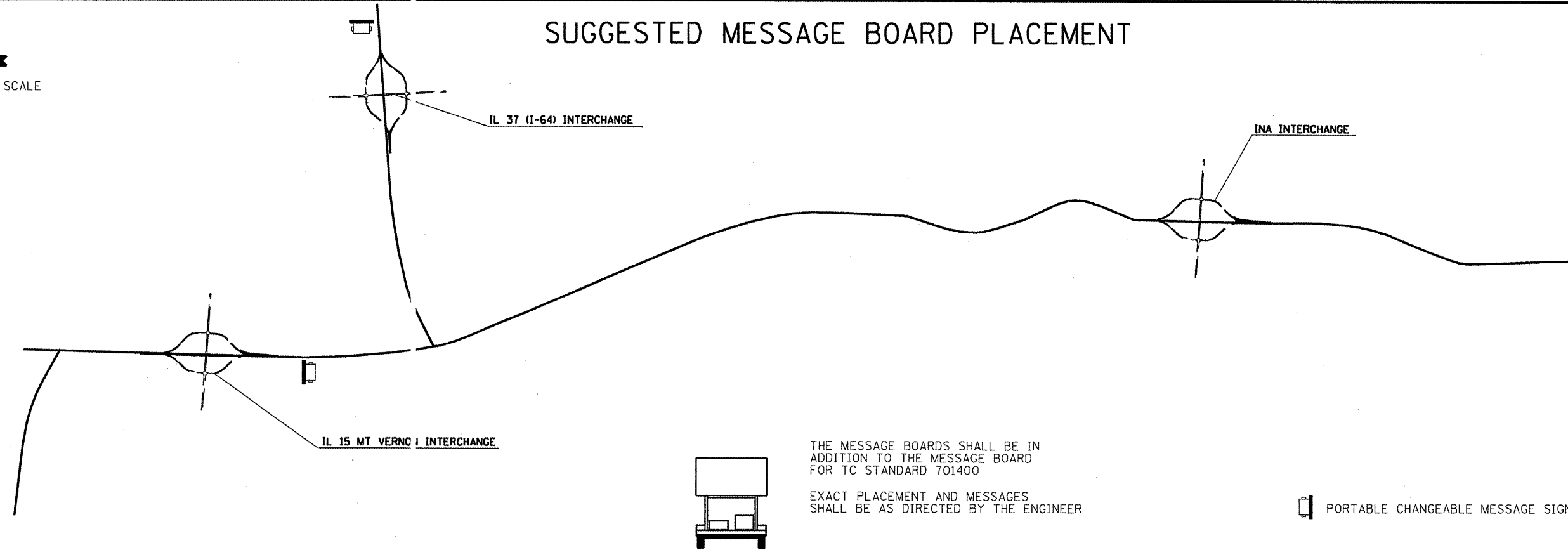
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS-RAMP DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-1R-1)	JEFFERSON	47	36
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				

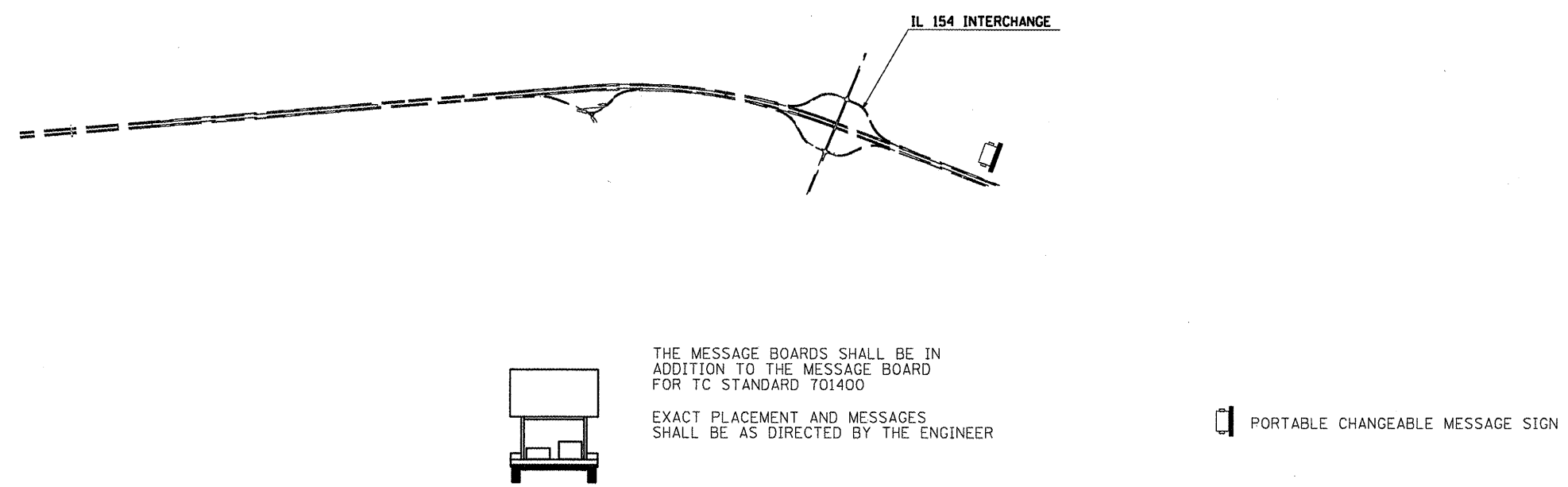
SUGGESTED MESSAGE BOARD PLACEMENT

DRAWING NOT TO SCALE



SUGGESTED MESSAGE BOARD PLACEMENT

DRAWING NOT TO SCALE



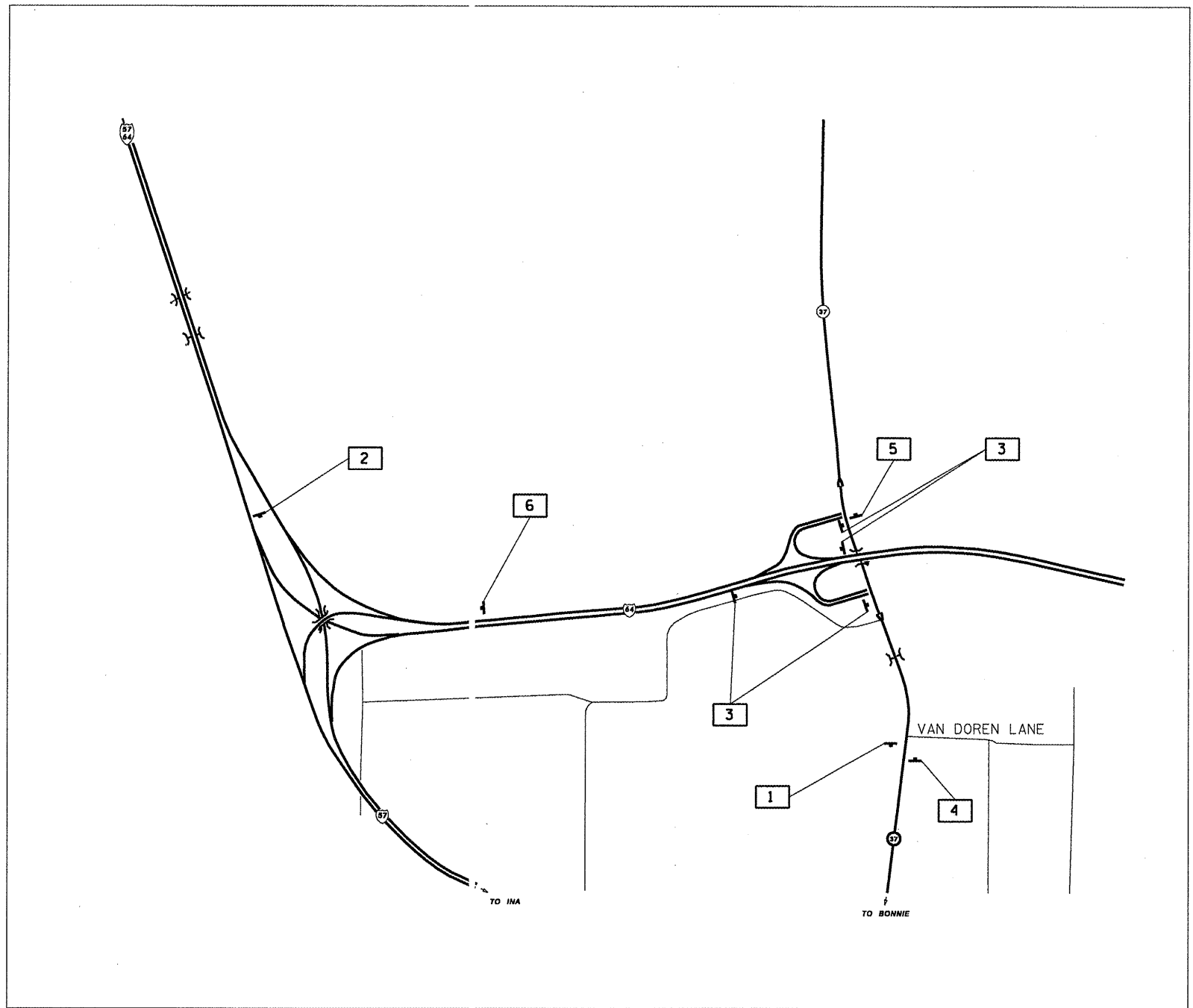
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	PLOT DATE = 1/21/2018	DATE -	REVISD -

STATE OF ILLINOIS	
DEPARTMENT OF TRANSPORTATION	

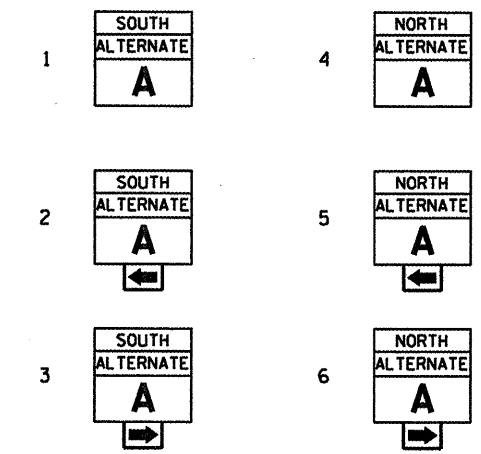
SUGGESTED MESSAGE BOARD PLACEMENT			
SCALE: _____	SHEET NO. _____	OF _____	SHEETS
STA. _____	TO STA. _____		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-1)R-1	JEFFERSON	47	37
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				

ALTERNATE ROUTE SIGNING - IL 37/64 INTERCHANGE



PROPOSED SIGN KEY



3 — PROPOSED SIGN
A — EXISTING SIGN

PLACE PROPOSED SIGN WITHIN 200' OF THE EXISTING SIGN IN RURAL AREAS. FOR PROPOSED SIGNS IN CITY LIMITS, THE SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER. SIGNS SHALL NOT BE PLACED ON EXISTING POSTS WITH EXISTING SIGNS.

EXISTING SIGN KEY

- A STATE ROUTE SIGN
- B MILEAGE SIGN
- C SPEED LIMIT SIGN
- D DIRECTIONAL STATE ROUTE SIGN
- E CROSS ROAD SIGN
- F I-57 DIRECTIONAL SIGN
- G NO PARKING SIGN
- H SOUTHERN BRANCH - LINCOLN HERITAGE TRAIL SIGN

NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
3. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN COST OF SIGN PANEL TYPE 1.
4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5. ALTERNATE A = ILL. RTE. 37
6. THE RELOCATING, MAINTENANCE OR REPLACEMENT OF SIGNS SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
7. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
8. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.

FILE NAME =	USER NAME = shepardgd	DESIGNED - ---	REVISED - ---
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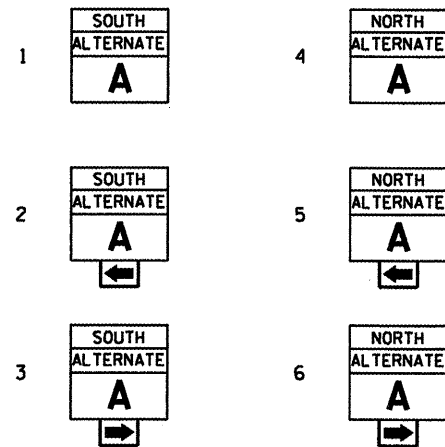
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALTERNATE ROUTE SIGNING

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41)-IR-1	JEFFERSON	47	38
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				

PROPOSED SIGN KEY

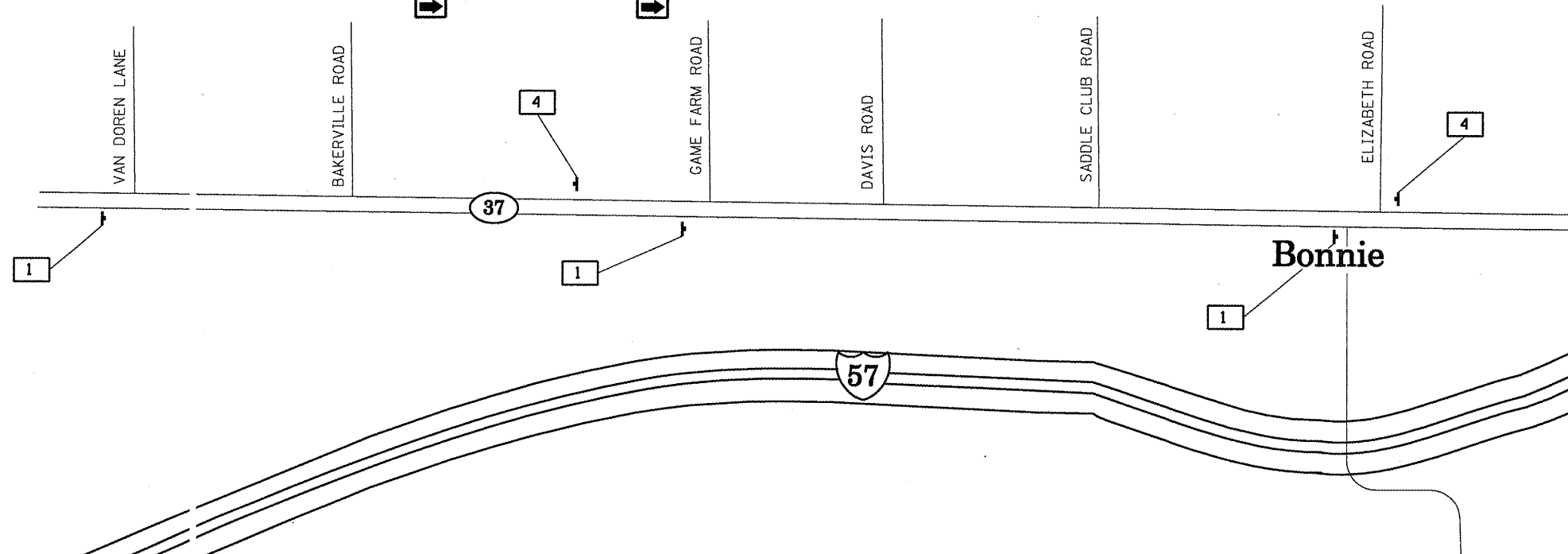


3 — PROPOSED SIGN
A — EXISTING SIGN

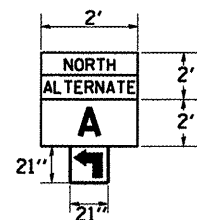
PLACE PROPOSED SIGN WITHIN 200' OF EXISTING SIGN IN RURAL AREAS. FOR PROPOSED SIGNS IN CITY LIMITS, THE SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER.

EXISTING SIGN KEY

- A STATE ROUTE SIGN
- B MILEAGE SIGN
- C SPEED LIMIT SIGN
- D DIRECTIONAL STATE ROUTE SIGN
- E COUNTY LINE SIGN
- F CITY/VILLAGE POPULATION SIGN
- G 1-57 DIRECTIONAL SIGN



SIGN DETAIL



NOTES:

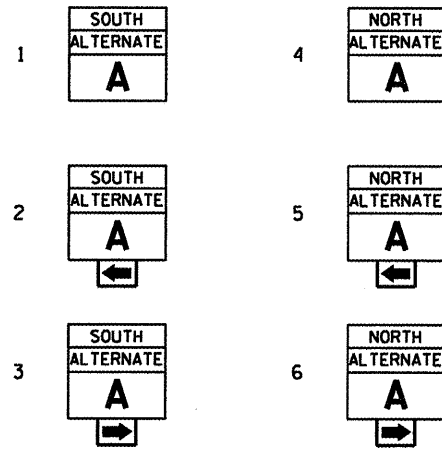
1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
3. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN COST OF SIGN PANEL TYPE 1.
4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5. ALTERNATE A = ILL. RTE. 37
6. THE RELOCATING, MAINTENANCE OR REPLACEMENT OF SIGNS SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
7. EXACT SIGN PLACEMENT WILL BE DETERMINED BY THE ENGINEER.
8. THE DISTRICT 9 OPERATIONS ENGINEER SHALL BE CONTACTED 10 DAYS PRIOR TO THE ERECTION OF SIGNS.



NOT TO SCALE

FILE NAME = c:\p\work\p\dot\shepardgd\0172891\78	USER NAME = shepardgd 78-sht-typico1.dgn	DESIGNED - --- DRAWN - ---	REVISD - --- REVISD - --- REVISD - --- REVISD - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALTERNATE ROUTE SIGNING	F.A.I. RTE. 57	SECTION (41-1)R-1	COUNTY JEFFERSON	TOTAL SHEETS 47	SHEET NO. 39
PLOT SCALE = 1/32" = 1' IN. PLOT DATE = 1/21/2010	CHECKED - --- DATE - ---	SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____	CONTRACT NO. 78176 ILLINOIS FED. AID PROJECT							

PROPOSED SIGN KEY



3 — PROPOSED SIGN
A — EXISTING SIGN

PLACE PROPOSED SIGN WITHIN 200' OF EXISTING SIGN IN RURAL AREAS. FOR PROPOSED SIGNS IN CITY LIMITS, THE SIGNS SHALL BE PLACED SO THEY DO NOT INTERFERE WITH EXISTING SIGNS AND AS DIRECTED BY THE ENGINEER.

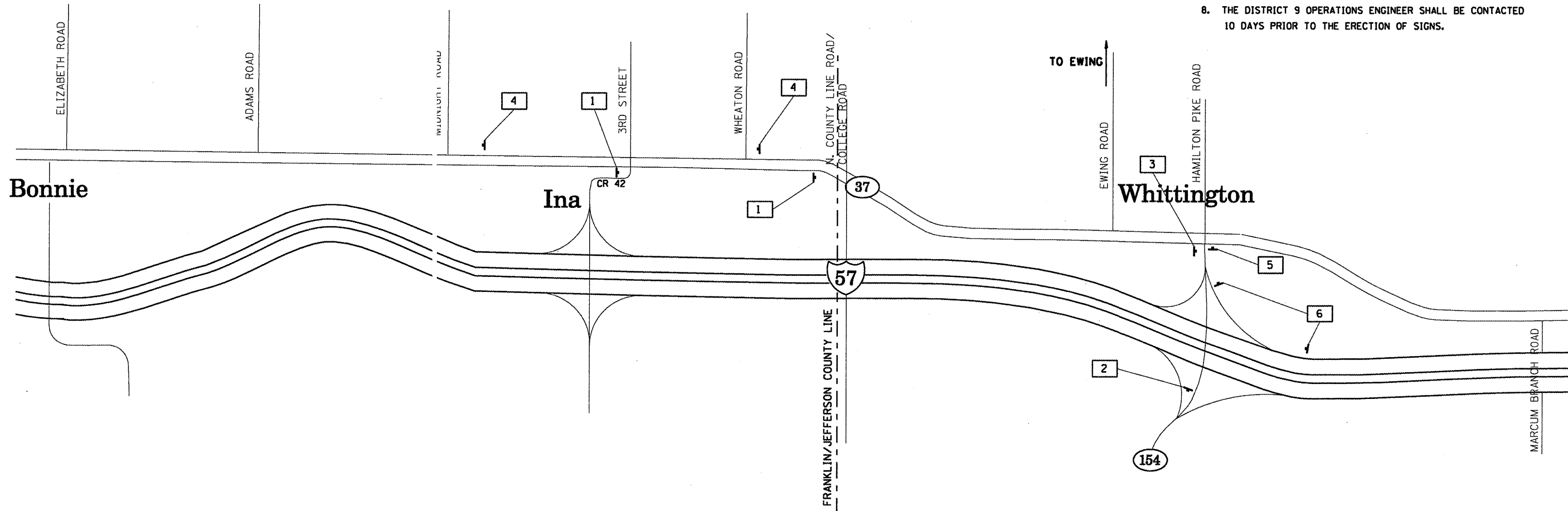
EXISTING SIGN KEY

- A STATE ROUTE SIGN
- B MILEAGE SIGN
- C SPEED LIMIT SIGN
- D DIRECTIONAL STATE ROUTE SIGN
- E COUNTY LINE SIGN
- F CITY/VILLAGE POPULATION SIGN
- G I-57 DIRECTIONAL SIGN



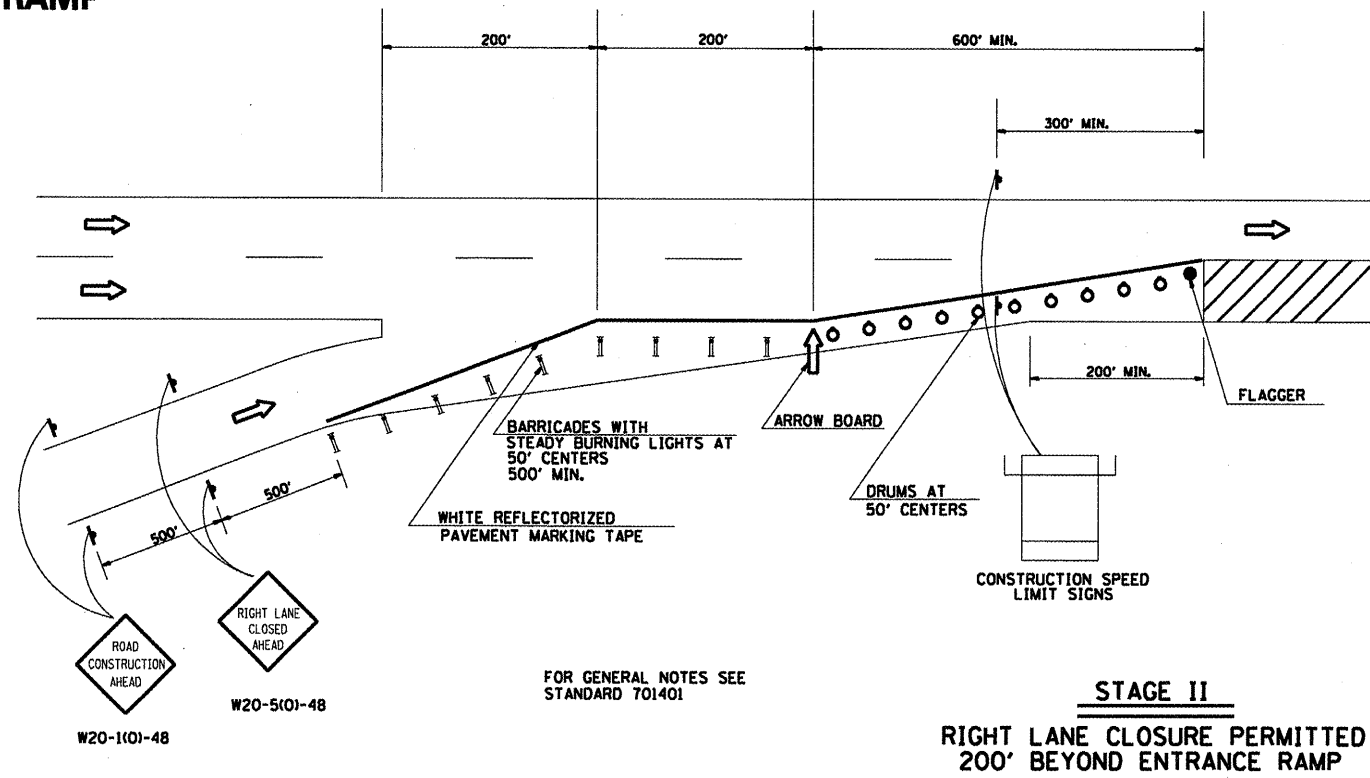
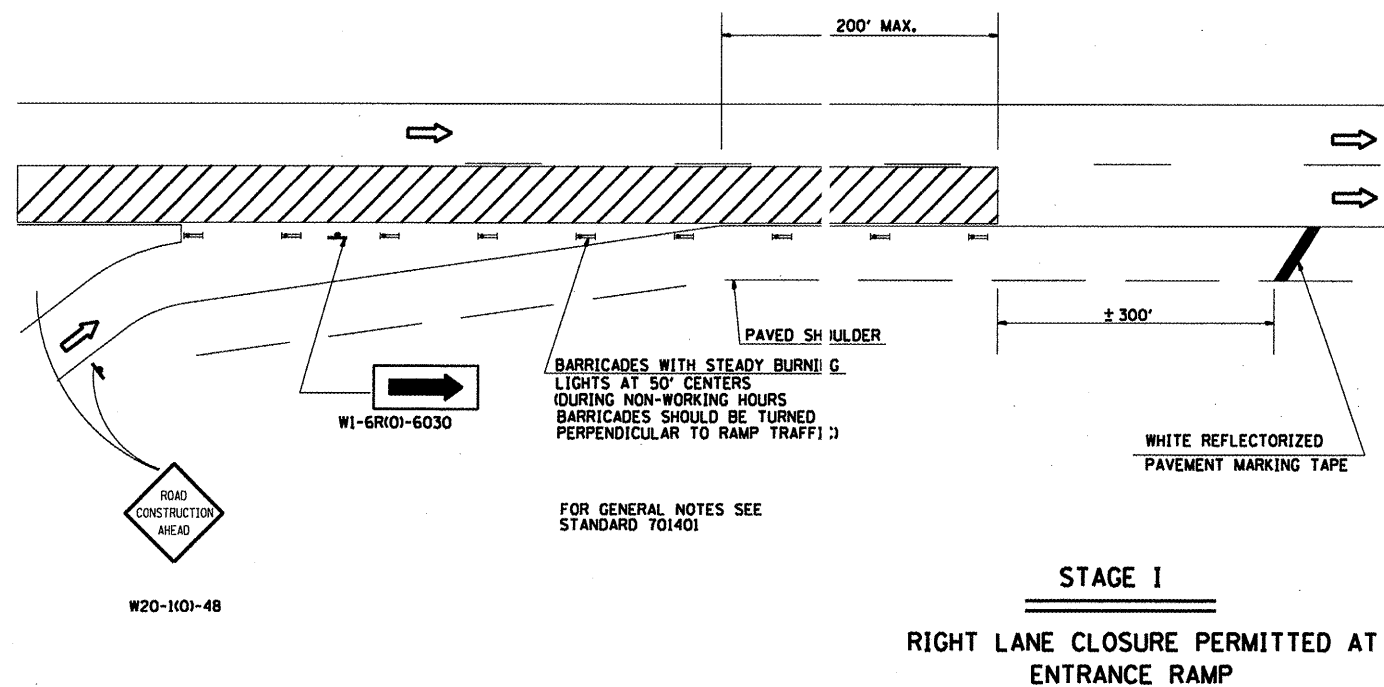
NOTES:

1. THE CONTRACTOR HAS THE OPTION OF USING METAL POSTS INSTEAD OF WOOD.
2. ALL SIGNS SHALL BE BLACK ON ORANGE. THE POSTS SHALL BE PLACED 12 FEET FROM THE EDGE OF PAVEMENT AS DIRECTED BY THE ENGINEER.
3. ALL SIGN HARDWARE REQUIRED TO INSTALL THE ALTERNATE ROUTE SIGNING SHALL BE INCLUDED IN COST OF SIGN PANEL TYPE 1.
4. SIGNS SHALL BE REMOVED ON COMPLETION OF THE CONTRACT AT THE DIRECTION OF THE ENGINEER. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 724 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR. THE SIGNS AND POSTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
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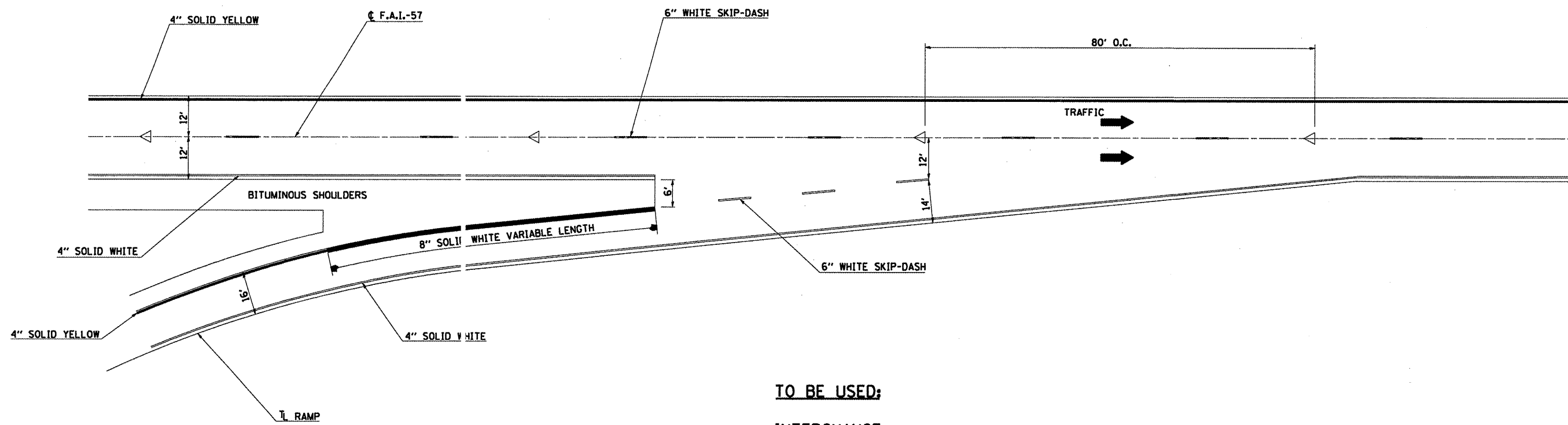


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ct:\pvt\work\pwt\dot\shepardgd\0172891\78	78-sht-typico1.dgn	DRAWN - ---	REVISED - ---			57	(41-1R-1)	JEFFERSON	47	40	
	PLOT SCALE = 1/32" = 1/8" IN.	CHECKED - ---	REVISED - ---			CONTRACT NO. 78176					
	PLOT DATE = 1/21/2010	DATE - ---	REVISED - ---			ILLINOIS FED. AID PROJECT					

DETAIL OF TRAFFIC CONTROL AT ENTRANCE RAMP



TYPICAL PAVEMENT MARKINGS AT ENTRANCE RAMPS



**TO BE USED;
INTERCHANGE
INA ENTRANCE RAMPS (16' TYP)**

FILE NAME =
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USER NAME = shepardgd
PLOT SCALE = 1/8" = 1' IN.

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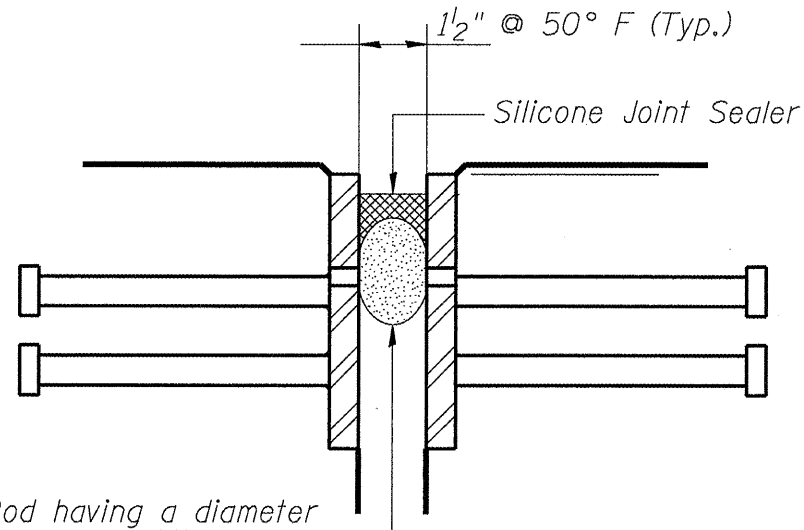
REVISED - ---
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND TRAFFIC CONTROL ON RAMPS

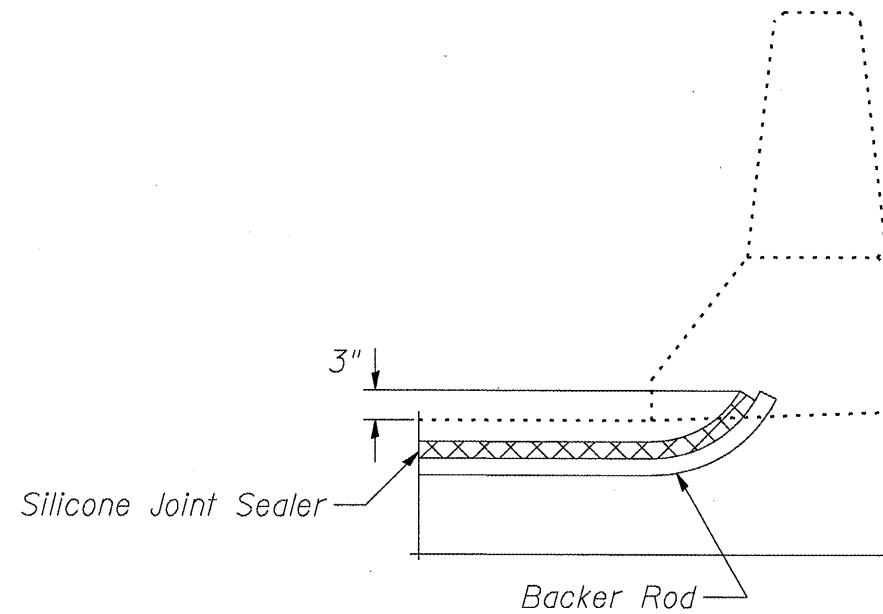
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41)-1R-1	JEFFERSON	47	41
CONTRACT NO. 78176				

SILICONE JOINT SEALER DETAIL



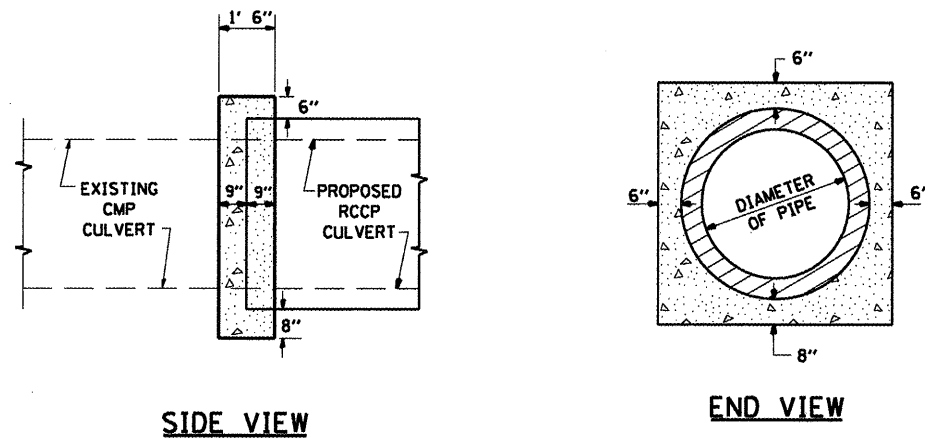
Backer Rod having a diameter 25% greater than the joint opening at the time of installation.

Cost of removing the existing PJS is included with the cost of Silicone Joint Sealer.



END OF SEAL TREATMENT

DETAILS OF CONCRETE COLLAR FOR PIPE CULVERT



THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR, AS SHOWN ON THE PLANS. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

QUANTITY ONE COLLAR

DIA OF PIPE	CLASS SI CONC CU YD (EST)
24"	
30"	
36"	0.76

REVISIONS

DRAWN	7-2-90
REVISED	8-22-99
REVISED	3-26-08

STD. 9-77

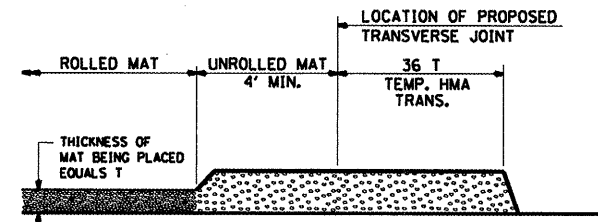
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PLOT SCALE = 1/8" = 1' IN.		CHECKED - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SILICONE JOINT SEALER, PARAPET, AND
CONCRETE COLLAR DETAILS

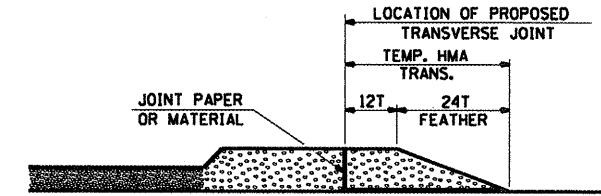
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-11R-1	JEFFERSON	47	42
CONTRACT NO. 78176				

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



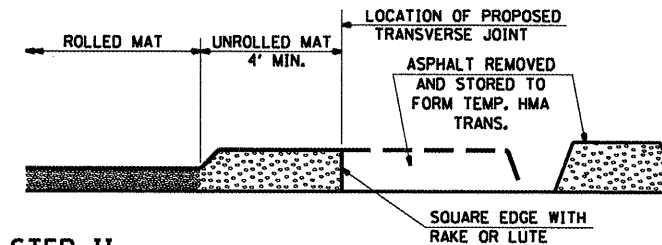
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



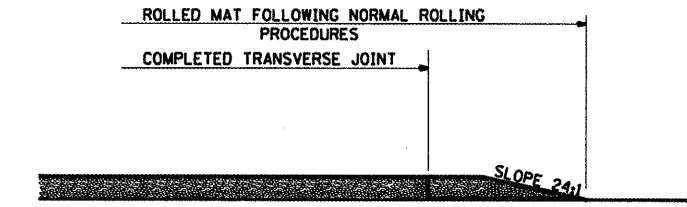
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

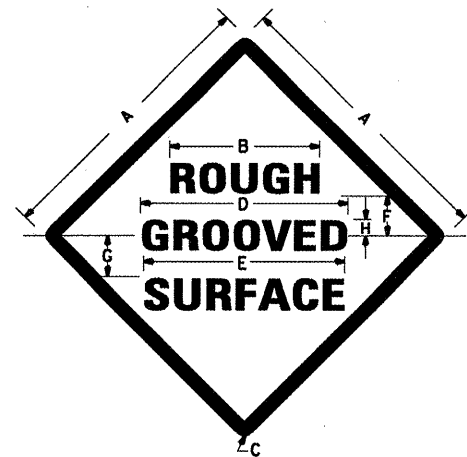
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
REVISION	DATE

STD. 9-26

ILLINOIS STANDARD

W8-1106



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48x48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48x48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

REVISIONS	
REVISION	DATE

STD. 9-39

FILE NAME =
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USER NAME = shperdgd
PLOT SCALE = 1/32" = 1" / IN.
PLOT DATE = 1/21/2010

DESIGNED - ---
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CHECKED - ---
DATE - -----

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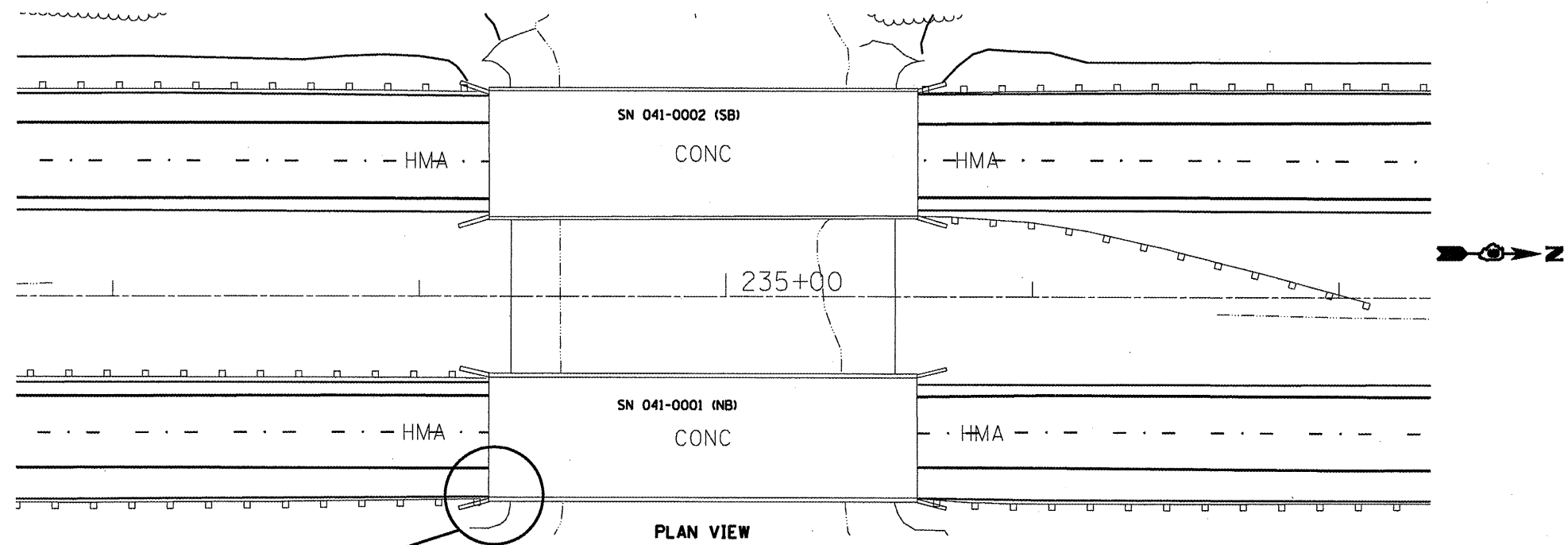
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY BITUMINOUS CONCRETE TRANSITIONS
AND ROUGH GROOVED SURFACE SIGN DETAILS

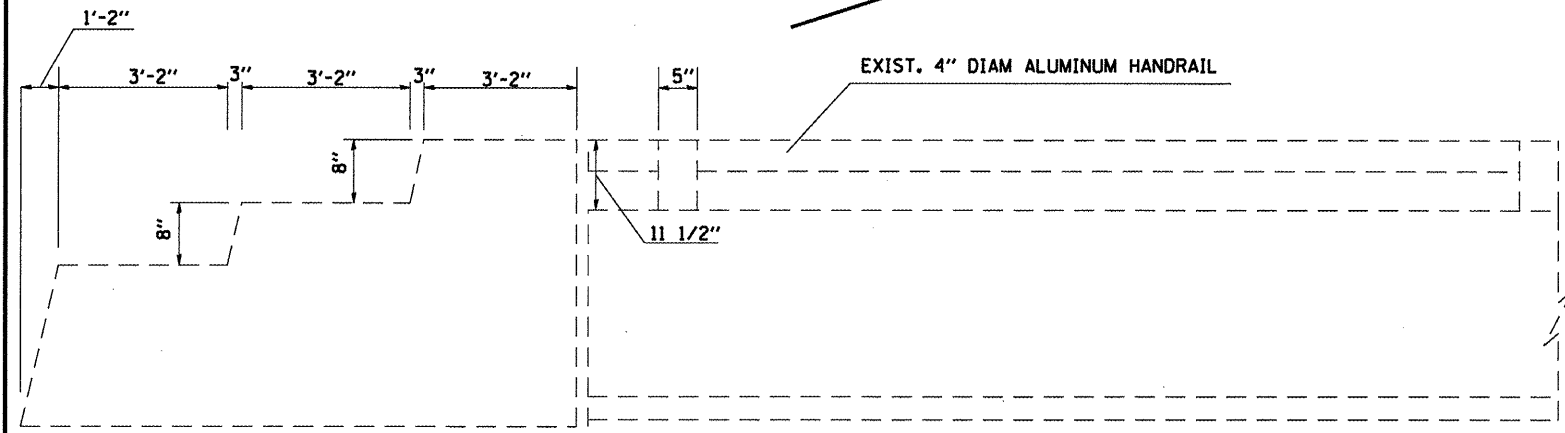
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(41-1R-1	JEFFERSON	47	43
CONTRACT NO. 78176				
ILLINOIS FED. AID PROJECT				

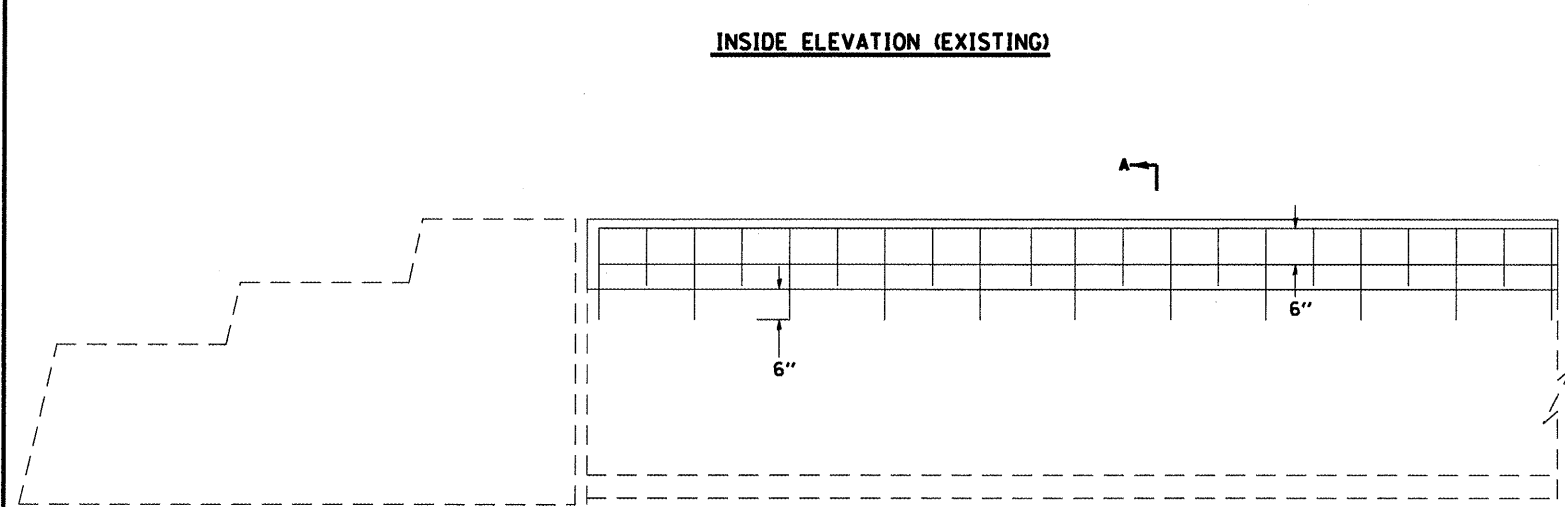
PARAPET WALL MODIFICATION FOR TYPE 6 ATTACHMENT



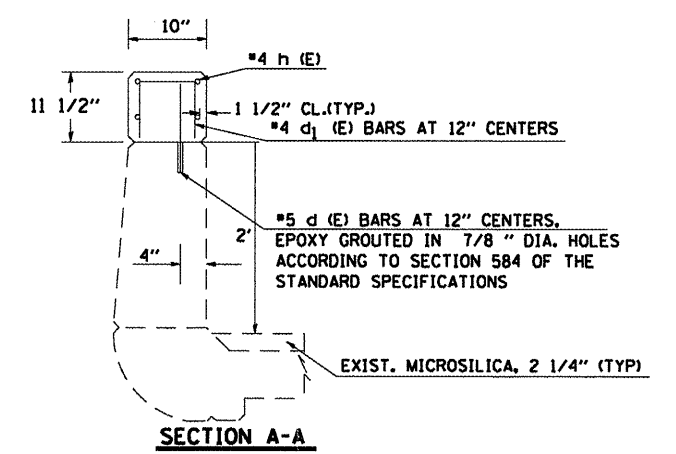
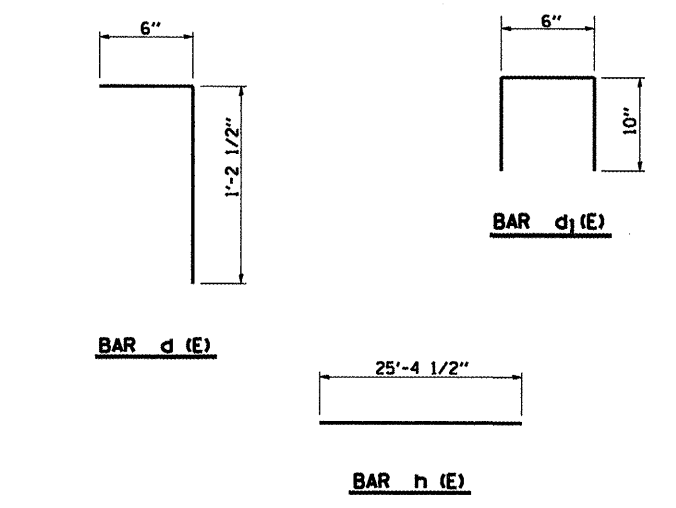
PLAN VIEW



INSIDE ELEVATION (EXISTING)



INSIDE ELEVATION (PROPOSED)



SECTION A-A

BILL OF MATERIAL

BAR	SIZE	NO.	LENGTH	SHAPE
d (E)	#5	568	1'-10"	┌
d1 (E)	#4	568	2'-2"	┌
h (E)	#4	96	25'-4 1/2"	—
			CONCRETE SUPERSTRUCTURE	CU YDS 16.6
			REINFORCEMENT BARS EPOXY COATED	LBS 3535.5

NOTES:
 QUANTITIES ARE FOR THE TOTAL 8 MODIFICATIONS.
 ALL BARS SHALL BE EPOXY COATED.
 IF NECESSARY, THE BARS MAY BE CUT IN THE FIELD.
 THE COST OF CUTTING THE ALUMINUM HANDRAIL AND REMOVING THE BRACKETS SHALL BE INCLUDED IN THE COST OF HANDRAIL REMOVAL.

FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISD -
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		CHECKED -	REVISD -
		DATE -	REVISD -

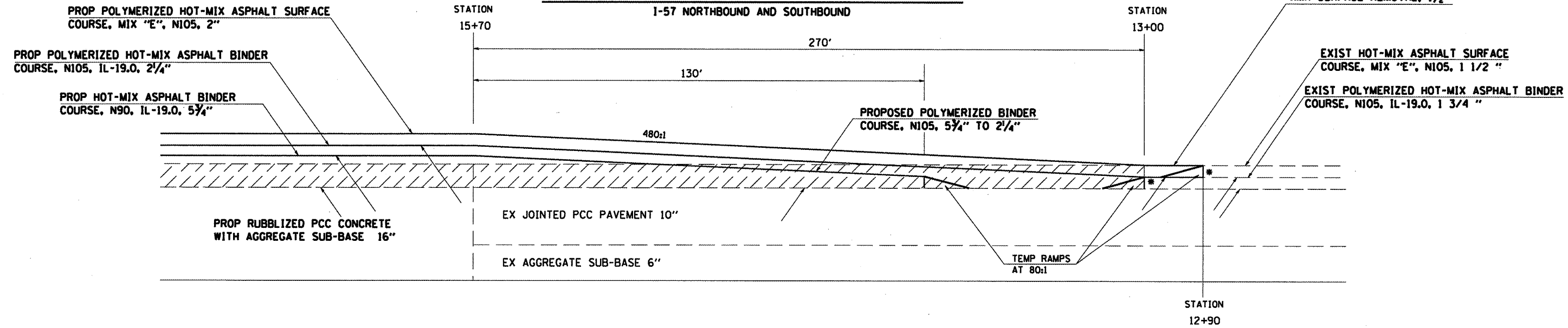
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PARAPET WALL MODIFICATION FOR TYPE 6 ATTACHMENT

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE. 57	SECTION 141-11R-1	COUNTY JEFFERSON	TOTAL SHEETS 47	SHEET NO. 44
CONTRACT NO. 78176			ILLINOIS FED. AID PROJECT	

MAINLINE PAVEMENT RESURFACING TRANSITION

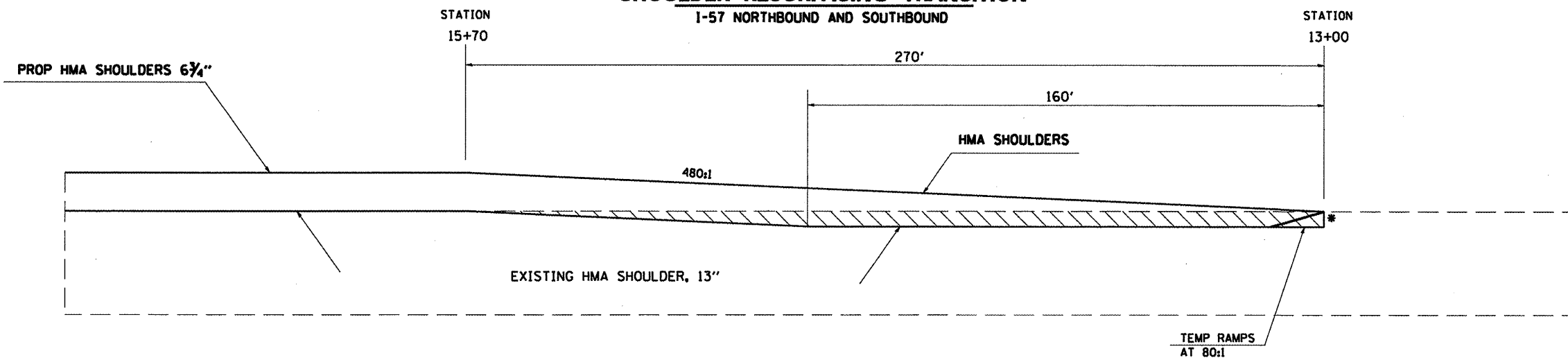


TO BE USED:
BEGINNING OF JOB

* THE COST OF THIS SAWCUT SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE REMOVAL 3 1/4 "

 BITUMINOUS SURFACE REMOVAL 3/4"

SHOULDER RESURFACING TRANSITION

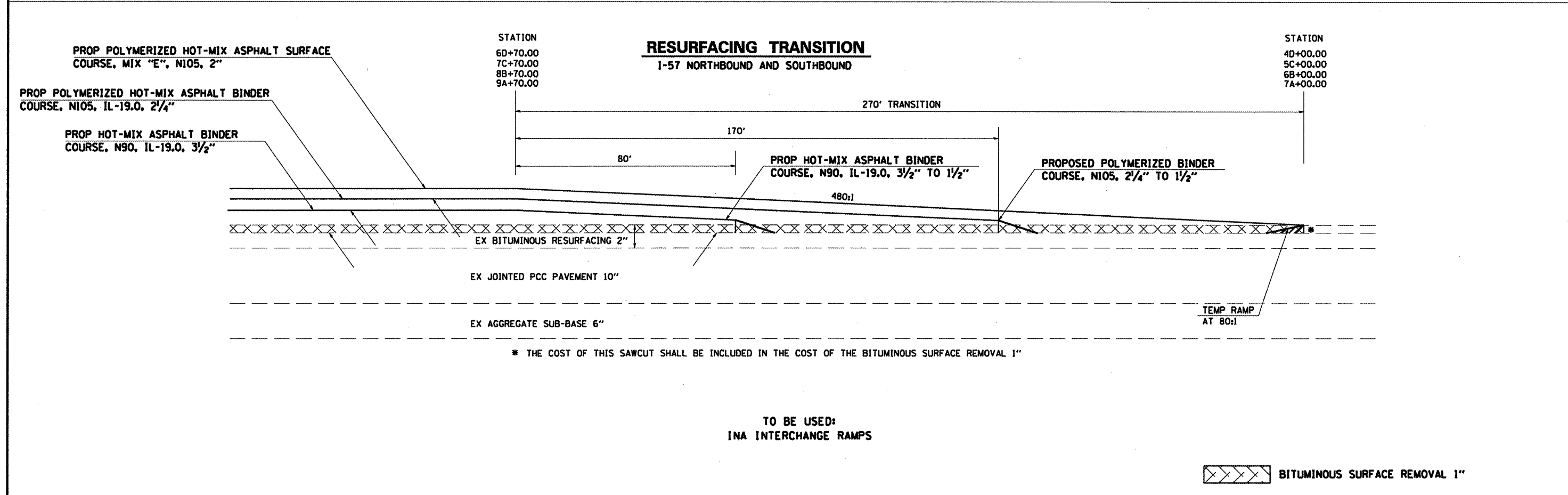
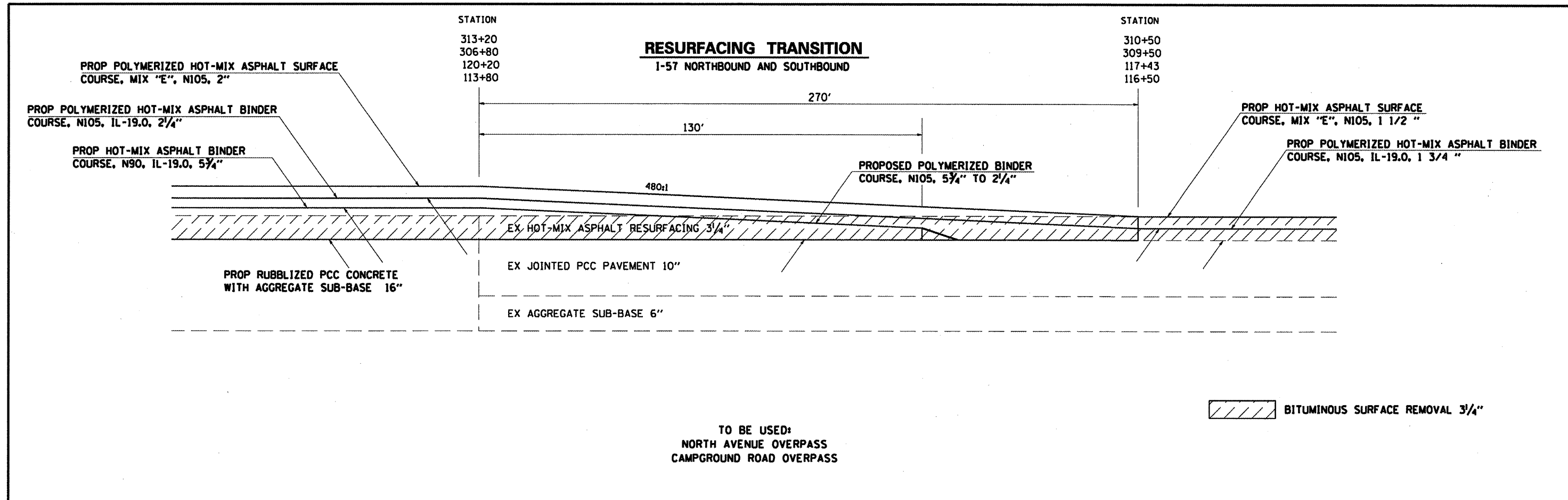


TO BE USED:
BEGINNING OF JOB

* THE COST OF THIS SAWCUT SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE REMOVAL, VARIABLE DEPTH. THICKNESS SHALL BE 1 1/2"

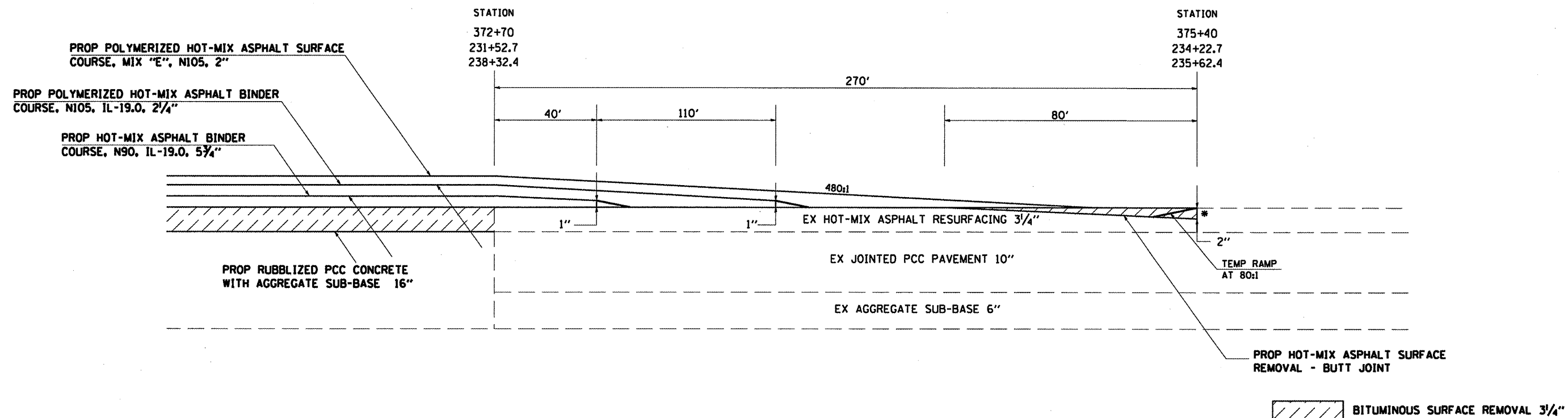
 HMA SURFACE REMOVAL, VARIABLE DEPTH

FILE NAME =	USER NAME = sheperdgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RESURFACING TRANSITIONS DETAIL	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\p\work\p\dot\sheperdgd\0172891\7876-shr-typicel.dgn		DRAWN -	REVISED -			57	(41-11R-1)	JEFFERSON	47	45
PLOT SCALE = 1/8" = 1'-0"		CHECKED -	REVISED -			CONTRACT NO. 78176				
PLOT DATE = 1/21/2018		DATE -	REVISED -			SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT		



FILE NAME =	USER NAME = shepardgd	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RESURFACING TRANSITIONS DETAIL	F.A.I. RTE. 57	SECTION (41-11R-1)	COUNTY JEFFERSON	TOTAL SHEETS 47	SHEET NO. 46
ci:\p\work\p\midot\shepardgd\d0172891\7876-shs-tp10a1.dgn		DRAWN - ---	REVISED - ---							
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	PLOT DATE = 1/21/2010	DATE - ---	REVISED - ---							
					SCALE: _____	SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 78176 ILLINOIS FED. AID PROJECT

BUTT JOINT DETAIL
I-57 NORTHBOUND AND SOUTHBOUND



TO BE USED:
END OF PROJECT
APPROACHES TO SN 041-0001 AND 041-0002

*THE COST OF THIS SAWCUT SHALL BE INCLUDED IN THE COST OF THE BITUMINOUS SURFACE REMOVAL 1/2"

FILE NAME =	USER NAME = shepardgd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAIL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwwork\pwwork\shepardgd\0172891\7876-shs-typical.dgn	DRAWN -	REVISED -	57			(41-11R-1)	JEFFERSON	47	47	
PLOT SCALE = 1/8" = 1' / IN.	CHECKED -	REVISED -	CONTRACT NO. 78176							
PLOT DATE = 1/21/2018	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____										