

SHEET NO. DESCRIPTION

1. COVER SHEET
2. GENERAL NOTES AND HIGHWAY STANDARDS
- 3.-4. SUMMARY OF QUANTITIES
5. TYPICAL SECTIONS
- 6.-9. SCHEDULES OF QUANTITIES
10. STEPHENSON COUNTY LOCATION MAP
11. WINNEBAGO COUNTY LOCATION MAP
12. BOONE COUNTY LOCATION MAP
- 13.-17. STEPHENSON COUNTY PLAN VIEWS
- 18.-33. WINNEBAGO COUNTY PLAN VIEWS
- 34.-36. BOONE COUNTY PLAN VIEWS
37. GUARDRAIL DETAILS
38. DELINEATOR AND POST ORIENTATION (DISTRICT STANDARD 37.4)  
TYPICAL BENCHING ON EXISTING EMBANKMENT (DISTRICT STANDARD 50.4)
39. TRAFFIC CONTROL TYPICAL WEAVE (DISTRICT STANDARD 39.1)
40. TRAFFIC BARRIER TERMINAL TYPE 2 (27" HEIGHT) (DISTRICT STANDARD 54.1)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

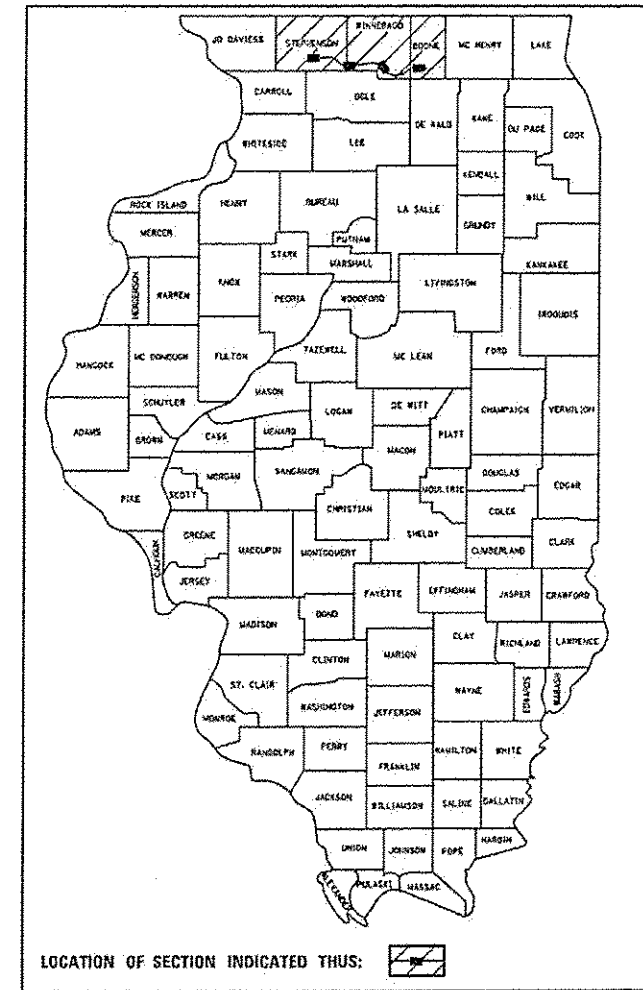
FAP ROUTES 301 & 525 (US 20)  
SECTION D2-J 2017-1  
PROJECT HSIP-000V (095)

HSIP-GUARDRAIL END SECTION REPLACEMENT  
STEPHENSON, WINNEBAGO, & BOONE COUNTIES

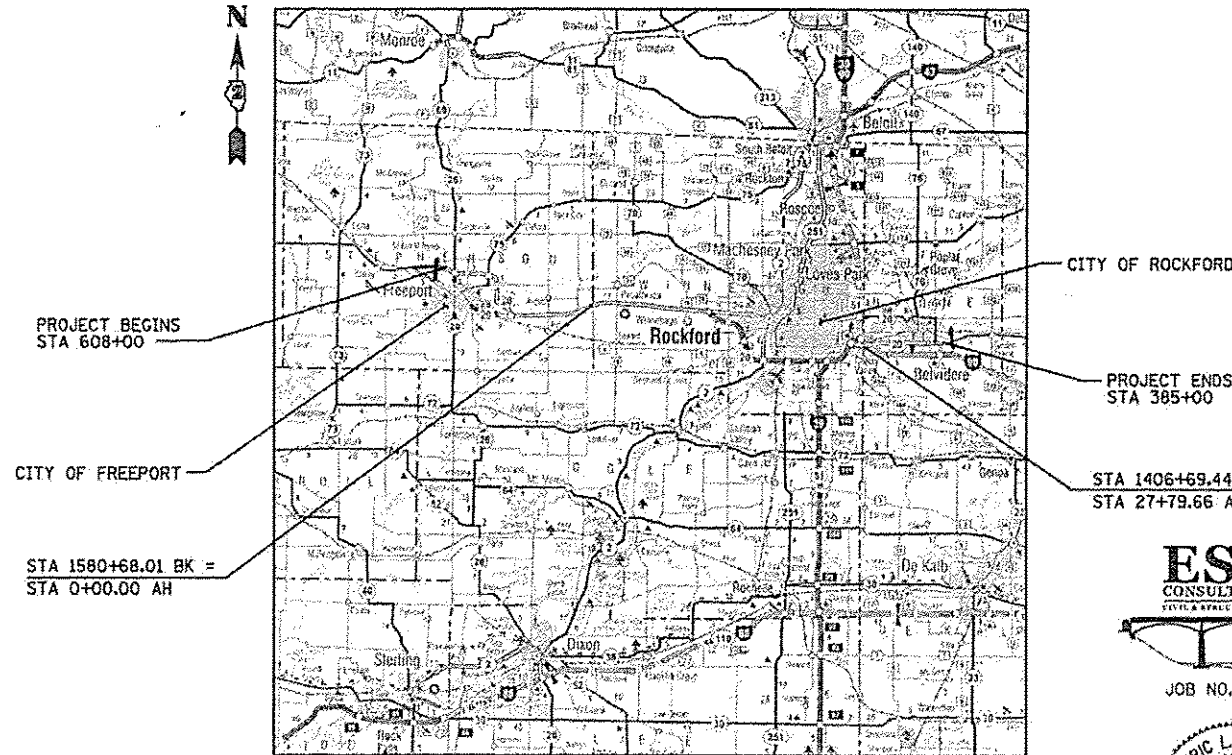
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 64L96		

\* FAP 301 & 525

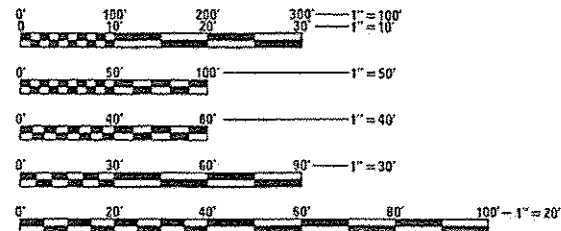
D-92-003-17



C-92-011-17



LOCATION MAP



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 MANAGER: EMMANUEL SANTOS  
815-284-5951  
EMMANUEL.SANTOS@ILLINOIS.GOV

PROJECT ENGINEER: STEVE ROBERY  
CONSULTANT SERVICES: ERIC HENKEL  
217-384-0505  
ELH@ESCACONSULTANTS.COM

CONTRACT NO. 64L96  
VARIOUS COUNTIES SECTION D2-J 2017-1 US 20

**ESCA**  
CONSULTANTS, INC.  
SITE & STRUCTURAL ENGINEERS  
JOB NO. 1140.08



EXPIRES 11-30-2017  
*Eric L. Henkel*  
SIGNATURE  
12-16-2016  
DATE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED 1-20-17 20 17

*Eric L. Henkel*  
REGION TWO ENGINEER

Mar 24 20 17  
*Mausum M. Addis, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24 20 17  
*Michelle Adkins*  
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**GENERAL NOTES**

1. THE FINAL TOP FOUR INCHES OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2' DEEP) OF SOIL PROFILES OF LOCAL SOILS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES BID AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. IT IS ESTIMATED THAT 990 CUBIC YARDS OF EARTH WILL BE HAULED TO THE JOB FROM OUTSIDE THE PROJECT LIMITS. A SHRINKAGE FACTOR OF 25% HAS BEEN USED.
3. ALL BORROW/WASTE/USE SITES MUST BE APPROVED BY THE DEPARTMENT PRIOR TO REMOVING ANY MATERIAL FROM THE PROJECT OR INITIATING ANY EARTHMOVING ACTIVITIES, INCLUDING TEMPORARY STOCKPILING OUTSIDE THE LIMITS OF CONSTRUCTION.
4. THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE PROJECT LIMITS. SEEDING CLASS 2A SHALL BE USED. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR FURNISHED EXCAVATION.
5. FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SEEDING AT THE RATE SPECIFIED IN SECTION 250 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.
6. MULCH METHOD II SHALL BE APPLIED OVER ALL SEEDED AREAS. THIS SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.
7. EMBANKMENT QUANTITIES FOR THE CONSTRUCTION OF THE TRAFFIC BARRIER TERMINALS AS SHOWN IN THE PLANS ARE INCLUDED IN QUANTITIES FOR FURNISHED EXCAVATION. QUANTITIES SHOWN ARE APPROXIMATE. EARTHWORK COMPACTION SHALL BE TO THE SATISFACTION OF THE ENGINEER.
8. THE CONTRACTOR SHALL SUPPLY THE RESIDENT ENGINEER WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS FOR THE TYPE OF STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (TANGENT) OR STEEL PLATE BEAM GUARDRAIL TERMINAL TYPE 1 SPECIAL (FLARED).
9. ONE 16d GALVANIZED NAIL SHALL BE USED TO TOE NAIL THE WOOD BLOCK OUT TO THE WOOD POST ON ALL TRAFFIC BARRIER TERMINAL TYPE 1 SPECIALS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE FOLLOWING LISTED UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE MEMBERS OF JULIE:

IDOT IS NOT A MEMBER OF JULIE. IF YOU ARE NEAR ANY OVERHEAD LIGHTING, INTERSECTION LIGHTING OR TRAFFIC SIGNALS, CONTACT THE IDOT TRAFFIC OFFICE AT 815-284-5469 AT LEAST 48 HOURS PRIOR TO WORK.

**GENERAL NOTES CONTINUED**

11. TIE BARS SHALL BE INSTALLED TO TIE PCC APPURTENANCE TO ADJACENT EXISTING CONCRETE PAVEMENT.  
  
TIE THE FOLLOWING TO LENGTH, SIZE, AND THE EXISTING CONCRETE PAVEMENT SPACING OF TIE BARS  
  
CONCRETE CURB, TYPE B STD. 606001 12"LONG NO. 6 @ 24"CENTERS  
  
TIE BARS ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF ARTICLE 420.05(b) OF THE STANDARD SPECIFICATIONS. SEE HIGHWAY STANDARD 420001 FOR DETAIL ON LONGITUDINAL CONSTRUCTION JOINT GROUTED-IN-PLACE TIE BAR. THE COST OF THE TIE BARS IS INCLUDED IN THE COST OF CONCRETE CURB.
12. THERE ARE SEVERAL AREAS THROUGHOUT THE PROJECT WHERE THERE IS EXISTING HMA SHOULDER WHERE CONCRETE CURB IS TO BE PLACED. SAWCUTTING AND REMOVAL OF THE HMA SHOULDER SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CONCRETE CURB.
13. GUARDRAIL POSTS THAT NEED TO BE DRIVEN THROUGH THE EXISTING HMA SHOULDER OR CONCRETE SHOULDER SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE STEEL PLATE BEAM GUARDRAIL.
14. GUARDRAIL THAT IS REMOVED WILL NOT BE SALVAGED BY THE DISTRICT.
15. THE STEEL PLATE BEAM GUARDRAIL QUANTITIES SHOWN ASSUME THAT THE SPLICE LOCATIONS FALL 3'-1/2" WITHIN THE PAY LIMITS OF TRAFFIC BARRIER TERMINAL TYPE 1. SPECIAL. ADJUSTMENTS OF QUANTITIES AND OF LOCATIONS OF TERMINAL ENDS MAY BE NECESSARY IN THE FIELD AS DIRECTED BY THE ENGINEER.
16. THE STATIONING PROVIDED IN THE PLANS IS FOR THE LOCATION OF THE END POST OF THE EXISTING TRAFFIC BARRIER TERMINALS.
17. THE FACE OF PROPOSED GUARDRAIL IS TO BE PLACED AT THE SAME DISTANCE FROM THE TRAVELED WAY AS THE EXISTING GUARDRAIL UNLESS NOTED OTHERWISE.
18. GUARDRAIL REMOVAL IS REQUIRED AT ALL PROPOSED GUARDRAIL LOCATIONS. REMOVAL QUANTITIES WILL BE ADJUSTED BY THE ENGINEER TO MATCH FIELD CONDITIONS. SEE THE SCHEDULE FOR THE LENGTHS TO BE REMOVED.
19. AGGREGATE WEDGE SHOULDER, TYPE B IS TO BE USED TO RAISE THE ELEVATION OF THE AGGREGATE SHOULDERS TO MATCH THE ADJACENT PAVED SHOULDERS AND TO PROVIDE A SMOOTH SURFACE PRIOR TO INSTALLATION OF GUARDRAIL. IT SHALL BE USED AS DIRECTED BY THE ENGINEER AT ALL NEW OR REPLACED GUARDRAIL LOCATIONS WHERE EXISTING AGGREGATE SHOULDERS ARE PRESENT.
20. ADJUST GUARDRAIL POST LOCATIONS TO CLEAR OUTLET PIPES AT BRIDGE APPROACH SLAB DRAINS AND PIPE UNDERDRAINS.
21. EXISTING DELINEATORS SHALL BE REMOVED WHERE TRAFFIC BARRIER TERMINALS ARE REMOVED. COST INCLUDED IN GUARDRAIL REMOVAL. A NEW DELINEATOR SHALL BE INSTALLED AT THE END OF EACH NEW TYPE 1 TRAFFIC BARRIER TERMINAL.
22. THE COST TO CONSTRUCT CONCRETE CURB, TYPE B SHALL INCLUDE ANY EXCAVATION, SAWCUTS, PARTIAL REMOVAL OF THE EXISTING CURB, PARTIAL REMOVAL OF THE EXISTING SHOULDER, WIDENING OF THE EXISTING SHOULDER, AND DRILLING AND GROUTING TIE BARS.

**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-08	PAVEMENT JOINTS
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-11	STEEL PLATE BEAM GUARDRAIL
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-07	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-06	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
631033-07	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001-02	DELINEATORS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-10	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701456-04	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-06	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A&B METAL POSTS (FOR SIGNS & MARKERS)
725001-01	OBJECT AND TERMINAL MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

11/16/16 10:51:16 AM  
 11/16/16 10:51:16 AM  
 11/16/16 10:51:16 AM



USER NAME = s011030	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.00	DRAWN - KJA	REVISED -
PLOT SCALE = 8.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = Jan-09-2017 10:51:16 AM	DATE - 11/16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES AND HIGHWAY STANDARDS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	D2-J 2017-1	VARIOUS	40	2
+ FAP 301 & 525		CONTRACT NO. 64L96		
SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES				URBAN		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE	90% FEDERAL 10% STATE
				ROADWAY CONST. CODE 0021 STEPHENSON COUNTY	ROADWAY CONST. CODE 0021 WINNEBAGO COUNTY	ROADWAY CONST. CODE 0021 BOONE COUNTY
20400800	FURNISHED EXCAVATION	CU YD	990	345	595	50
28000400	PERIMETER EROSION BARRIER	FOOT	2700	960	1680	60
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	401	118	255	28
60600605	CONCRETE CURB, TYPE B	FOOT	137	107	30	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	8233	2560	4854	819
63000009	STEEL PLATE BEAM GUARDRAIL, TYPE B, 9 FOOT POSTS	FOOT	152		152	
63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	50	50		
63000370	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	FOOT	50		50	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	27	6	19	2
63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	1			1
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	16	11	4	1
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4		4	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	46	13	30	3
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	10	2	6	2

14  
 ESCA CONSULTANTS, INC.  
 1100 S. WASHINGTON ST.  
 SUITE 200  
 CHICAGO, IL 60605  
 TEL: 312.467.1100  
 FAX: 312.467.1101  
 WWW.ESCA-CONSULTANTS.COM



USER NAME * kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1148.08	DRAWN - KAH	REVISED -
PLOT SCALE * 0.1667" / 1"	CHECKED - ROP	REVISED -
PLOT DATE * 12/12/2016 10:05:10 AM	DATE - 11/16	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE: NA	SHEET NO. 1 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	02-J 2017-1	VARIOUS	40	3
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

751

SUMMARY OF QUANTITIES					URBAN		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	90% FEDERAL 10% STATE ROADWAY	90% FEDERAL 10% STATE ROADWAY	90% FEDERAL 10% STATE ROADWAY	
				CONST. CODE 0021 STEPHENSON COUNTY	CONST. CODE 0021 WINNEBAGO COUNTY	CONST. CODE 0021 BOONE COUNTY	
63200310	GUARDRAIL REMOVAL	FOOT	12373	3841	7369	1163	
63500105	DELINEATORS	EACH	56	15	36	5	
64300370	IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	1	1			
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	LSUM	1	0.3	0.4	0.3	
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	9	3	6		
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	LSUM	1	0.3	0.4	0.3	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1	0.3	0.4	0.3	
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	LSUM	1	0.3	0.4	0.3	
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	56	15	36	5	
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	165	51	101	13	

THIS IS A MAJ

FROM DRIVER \* LADDER BELT \*  
 FROM DRIVER \* LADDER BELT \*  
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 FROM DRIVER \* LADDER BELT \*  
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USER NAME * KJA	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE * 0.1667" / 1"	CHECKED - RDP	REVISED -
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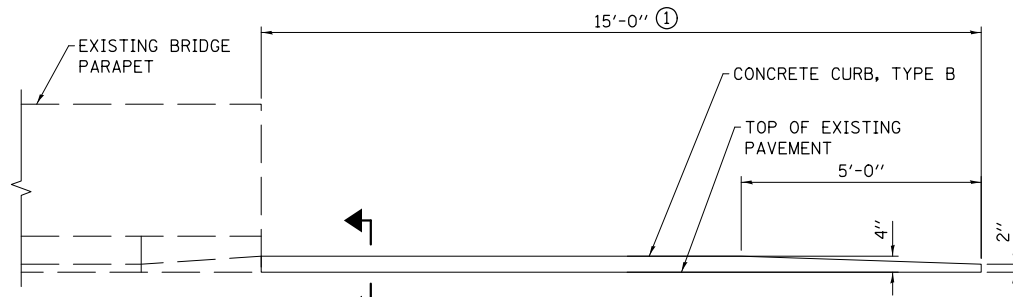
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES		
SCALE: NA	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	4
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

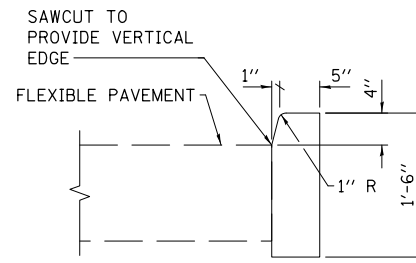
REV



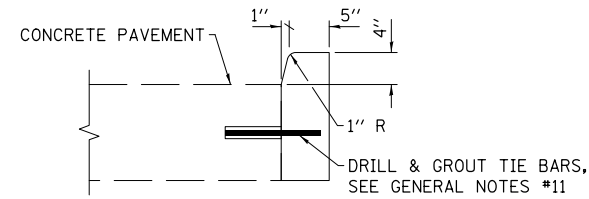


**INSIDE ELEVATION OF PARAPET AND CURB**

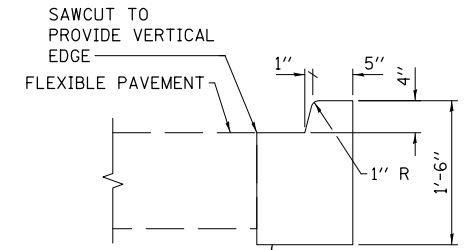
① AT EXISTING CURB LOCATIONS WHERE THE LENGTH IS LESS THAN 15', REMOVE EXISTING TAPERED END AND CONSTRUCT NEW CURB TO REACH THE 15' TOTAL LENGTH. PARTIAL REMOVAL OF EXISTING CURB IS INCLUDED IN CONCRETE CURB, TYPE B.



**SECTION AT FLEXIBLE PAVEMENT**



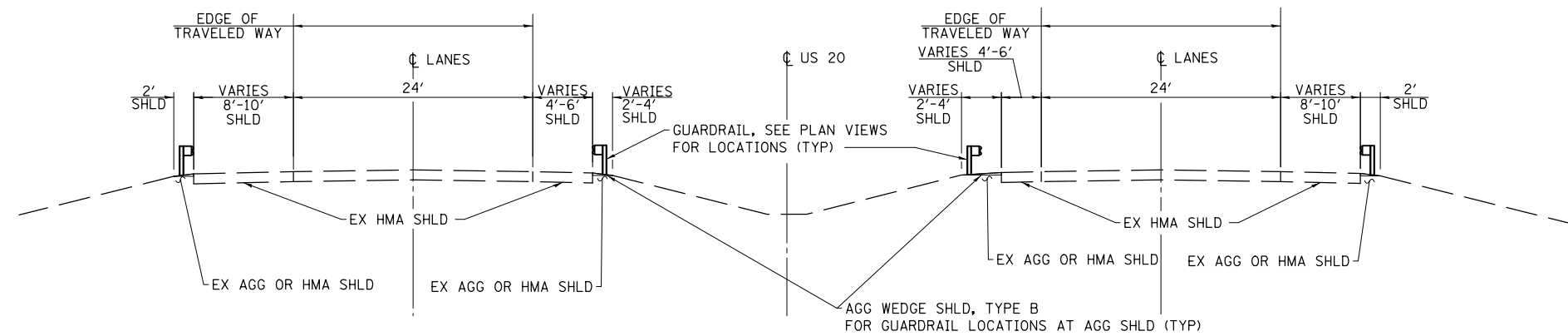
**SECTION AT CONCRETE PAVEMENT**



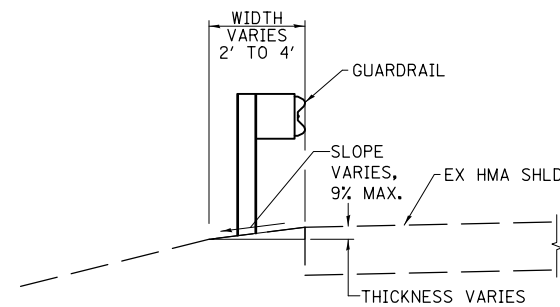
WIDEN EXISTING SHOULDER AS REQUIRED, COST INCLUDED IN CONCRETE CURB, TYPE B

**SECTION AT WIDENING AT FLEXIBLE PAVEMENT**

**CONCRETE CURB, TYPE B**



**ROADWAY TYPICAL SECTION**



**SECTION AT AGGREGATE WEDGE SHOULDER**

PRINT DRIVER = L:\D-E\B\B\1679  
 ESCA PROJECT NO. 1140.08  
 PLOT SCALE = 0.1667' / 1"



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KJA	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:26:28 AM	DATE - 11/16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	5
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**STEPHENSON COUNTY PROPOSED GUARDRAIL**

MAP LOCATION	EXISTING END POST STATION	STRUCTURE NUMBER / LOCATION	DIRECTION	LANE	63000003	63000009	63000030	63000370	63100045	63100070	63100085	63100089	63100167	63100169	72501000	78200005	63500105	NOTES
					SPBGR, TY A, 9'	SPBGR, TY B, 9'	ST POST, ATTACH	LONG-SPAN GRAIL, 25'	TBT, TY 2	TBT, TY 5	TBT, TY 6	TBT, TY 6B	TBT, TY 1 (SPL) TAN	TBT, TY 1 (SPL) FLARE	TERMINAL MARKER	GUARDRAIL REF, TYA	DELINEATOR	
					FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
S1	835+81	089-0056	EB	DRIVING	235						1		1		1	4	1	
S2	837+55	089-0056	EB	PASSING	147						1		1		1	3	1	
S3	842+31	089-0057	WB	PASSING	147						1		1		1	3	1	
S4	844+04	089-0057	WB	DRIVING	235						1		1		1	4	1	
S5	1175+54	089-0050	EB	PASSING	110				1				1		1	2	1	
S6	1178+73	089-0050	WB	PASSING	110				1				1		1	2	1	
S7	1193+25	089-0061	EB	PASSING	47				1				1		1	1	1	
S8	1195+94	089-0061	WB	PASSING	47				1				1		1	1	1	
S9	1203+92	089-0058	EB	DRIVING	185						1		1		1	3	1	
S10	1209+15	089-0059	WB	PASSING	147						1			1	1	3	1	
S11	1209+45	089-0059	WB	DRIVING	301						2					6		
S12	1210+70	089-0060	WB	DRIVING	185						1			1	1	3	1	
S13	1511+28	089-0014	EB	DRIVING	160						1		1		1	4	1	
S14	1517+77	089-0074	WB	DRIVING	160						1		1		1	4	1	
S15	1545+20	089-2014	EB	DRIVING	172		25		1				1		1	4	1	
S16	1549+37	089-2014	WB	DRIVING	172		25		1				1		1	4	1	
STEPHENSON COUNTY TOTALS					2560	0	50	0	6	0	11	0	13	2	15	51	15	

**STEPHENSON COUNTY OTHER ITEMS**

MAP LOCATION	EXISTING END POST STATION	STRUCTURE NUMBER / LOCATION	DIRECTION	LANE	20400800	28000400	48102100	60600605	63200310	64300370	70100420	NOTES
					FURNISHED EXCAVATION	PERIMETER EROSION BARRIER	AGG WEDGE SHLD, TY B	CONCRETE CURB, TY B	GUARDRAIL REMOVAL	IMPACT ATTENUATORS (FULL REDIR, WIDE), TL 3	TC & P STD 701411	
					CU YD	FOOT	TON	FOOT	FOOT	EACH	EACH	
S1	835+81	089-0056	EB	DRIVING	15	60	13	9	338		1	WIDEN SHOULDER FOR CONCRETE CURB
S2	837+55	089-0056	EB	PASSING	15	60	5	8	163			WIDEN SHOULDER FOR CONCRETE CURB
S3	842+31	089-0057	WB	PASSING	15	60	5	12	163			WIDEN SHOULDER FOR CONCRETE CURB
S4	844+04	089-0057	WB	DRIVING	15	60	13	12	338		1	WIDEN SHOULDER FOR CONCRETE CURB
S5	1175+54	089-0050	EB	PASSING	15	60			200			
S6	1178+73	089-0050	WB	PASSING	15	60			200			
S7	1193+25	089-0061	EB	PASSING	15	60			150			
S8	1195+94	089-0061	WB	PASSING	15	60			150			
S9	1203+92	089-0058	EB	DRIVING	15	60	6	5	292		1	
S10	1209+15	089-0059	WB	PASSING	50	60	5	3	163			WIDEN SHOULDER FOR CONCRETE CURB
S11	1209+45	089-0059	WB	DRIVING	50	60	5	17	366	1		14' CURB N. SIDE; 3' CURB S. SIDE
S12	1210+70	089-0060	WB	DRIVING	50	60	6	11	288			
S13	1511+28	089-0014	EB	DRIVING	15	60	19	15	254			
S14	1517+77	089-0074	WB	DRIVING	15	60	5	15	250			
S15	1545+20	089-2014	EB	DRIVING	15	60	18		263			
S16	1549+37	089-2014	WB	DRIVING	15	60	18		263			
STEPHENSON COUNTY TOTALS					345	960	118	107	3841	1	3	

PRINT DRIVER = L:\0-ESCA\10179  
 USER NAME = PJL  
 PLOT DATE = 12/12/2016 10:27:27 AM



USER NAME = kjk  
 ESCA PROJECT NO. 1140.08  
 PLOT SCALE = 0.1667' / 1"

DESIGNED - ELH  
 DRAWN - KAH  
 CHECKED - RDP  
 DATE - 11/16

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

SCALE: NA      SHEET NO. 1 OF 4 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	6
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

WINNEBAGO COUNTY PROPOSED GUARDRAIL

MAP LOCATION	EXISTING END POST STATION	STRUCTURE NUMBER / LOCATION	DIRECTION	LANE	63000003	63000009	63000030	63000370	63100045	63100070	63100085	63100089	63100167	63100169	72501000	78200005	63500105	NOTES
					SPBGR, TY A, 9' FOOT	SPBGR, TY B, 9' FOOT	ST POST, ATTACH FOOT	LONG-SPAN GRAIL, 25' FOOT	TBT, TY 2 EACH	TBT, TY 5 EACH	TBT, TY 6 EACH	TBT, TY 6B EACH	TBT, TY 1 (SPL) TAN EACH	TBT, TY 1 (SPL) FLARE EACH	TERMINAL MARKER EACH	GUARDRAIL REF, TY A EACH	DELINEATOR EACH	
W1	13+51	101-0167	EB	DRIVING	185						1		1		1	3	1	
W2	13+92	101-0167	EB	PASSING	147						1		1		1	3	1	
W3	19+36	101-0166	WB	PASSING	147						1		1		1	3	1	
W4	19+70	101-0166	WB	DRIVING	185						1		1		1	3	1	
W5	79+38	GROVE ROAD	EB	DRIVING	397				1				1		1	6	1	
W6	326+43	101-2006	WB	DRIVING									1		1		1	EXISTING HMA STABILIZATION
W7	338+57	KEITH ROAD	EB	DRIVING	160				1				1		1	4	1	
W8	342+45	KEITH ROAD	WB	DRIVING	160				1				1		1	4	1	
W9	507+41	SIGN CMS 1	EB	PASSING									1		1		1	
W10	537+79	US BUS 20	EB	PASSING	160			50	1				1		1	4	1	
W11	557+01	101-0120	EB	DRIVING	110							1	1		1	4	1	
W12	561+77	101-0120	WB	DRIVING	110							1	1		1	4	1	
W13	567+77	BOX CULVERT	WB	DRIVING	147				1				1		1	4	1	
W14	623+85	101-0096	EB	DRIVING	160							1		1	1	4	1	
W15	758+30	101-0094	WB	PASSING	222				1				1		1	4	1	
W16	758+36	101-0094	WB	DRIVING	160							1		1	1	4	1	
W17	832+00	101-0052	EB	DRIVING									1		1		1	
W18	873+76	BOX CULVERT	WB	DRIVING									1		1		1	
W19	879+14	SIGN 003	EB	PASSING	247				1				1		1	4	1	
W20	880+79	SIGN 003	EB	DRIVING	72	38			1				1		1	4	1	
W21	885+39	SIGN 003	WB	PASSING	260				1				1		1	4	1	
W22	901+34	SIGN IL 2	EB	PASSING	260				1				1		1	4	1	
W23	907+72	SIGN IL 2	WB	PASSING	222	38			1				1		1	4	1	
W24	978+91	SIGN IL 251	EB	PASSING	210	38			1				1		1	4	1	
W25	984+91	SIGN IL 251	WB	PASSING	235				1				1		1	4	1	
W26	990+67	101-0065	EB	DRIVING									1		1		1	EXISTING HMA STABILIZATION
W27	998+00	101-0066	WB	PASSING										1	1		1	EXISTING HMA STABILIZATION
W28	1005+62	SIGN 018	WB	DRIVING	22	38			1					1	1	4	1	
W29	1141+51	SIGN I-39	WB	PASSING	222				1				1		1	3	1	
W30	1239+41	101-0068	WB	PASSING									1		1		1	EXISTING HMA STABILIZATION
W31	1256+24	101-0098	WB	DRIVING										1	1		1	EXISTING HMA STABILIZATION
W32	1294+88	SIGN 025	EB	DRIVING									1		1		1	EXISTING HMA STABILIZATION
W33	1297+38	SIGN 025	EB	DRIVING					1									EXISTING HMA STABILIZATION
W34	1334+17	MILL ROAD	EB	DRIVING	222				1				1		1	4	1	EXISTING HMA STABILIZATION
W35	1340+51	101-0073	EB	DRIVING										1	1		1	EXISTING HMA STABILIZATION
W36	1367+08	COUNTY LINE	EB	DRIVING	210				1				1		1	4	1	EXISTING HMA STABILIZATION
W37	1372+50	COUNTY LINE	WB	DRIVING	222				1				1		1	4	1	EXISTING HMA STABILIZATION
WINNEBAGO COUNTY TOTALS					4854	152	0	50	19	0	4	4	30	6	36	101	36	

PRINT DRIVER = L:\05-ESCA\10114008\10114008.dwg  
 PLOT DATE = 12/12/2016 10:27:46 AM  
 USER NAME = kjk



USER NAME = kjk  
 ESCA PROJECT NO. 114008  
 PLOT SCALE = 0.1667' / 1" = 1/6"  
 PLOT DATE = 12/12/2016 10:27:46 AM

DESIGNED - ELH  
 DRAWN - KAH  
 CHECKED - RDP  
 DATE - 11/16

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: NA SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	7
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

WINNEBAGO COUNTY OTHER ITEMS

MAP LOCATION	EXISTING END POST STATION	STRUCTURE NUMBER / LOCATION	DIRECTION	LANE	20400800	28000400	48102100	60600605	63200310	64300370	70100420	NOTES
					FURNISHED EXCAVATION	PERIMETER EROSION BARRIER	AGG WEDGE SHLD, TY B	CONCRETE CURB, TY B	GUARDRAIL REMOVAL	IMPACT ATTENUATORS (FULL REDIR, WIDE), TL 3	TC & P STD 701411	
					CU YD	FOOT	TON	FOOT	FOOT	EACH	EACH	
W1	13+51	101-0167	EB	DRIVING	15	60	22		275			
W2	13+92	101-0167	EB	PASSING	15	60	5	15	242			
W3	19+36	101-0166	WB	PASSING	15	60	9		242			
W4	19+70	101-0166	WB	DRIVING	15	60	6	15	275			
W5	79+38	GROVE ROAD	EB	DRIVING	15	60	9		388			
W6	326+43	101-2006	WB	DRIVING					50			
W7	338+57	KEITH ROAD	EB	DRIVING	15	60	11		225			
W8	342+45	KEITH ROAD	WB	DRIVING	15	60	11		225			
W9	507+41	SIGN CMS 1	EB	PASSING			2		50			
W10	537+79	US BUS 20	EB	PASSING	15	60	18		213			
W11	557+01	101-0120	EB	DRIVING	15	60	8		213			
W12	561+77	101-0120	WB	DRIVING	50	60	8		213			
W13	567+77	BOX CULVERT	WB	DRIVING	15	60	10		213			
W14	623+85	101-0096	EB	DRIVING	50	60	13		263		1	
W15	758+30	101-0094	WB	PASSING	15	60	11		252			
W16	758+36	101-0094	WB	DRIVING	50	60	10		263		1	
W17	832+00	101-0052	EB	DRIVING	15	60	2		50			
W18	873+76	BOX CULVERT	WB	DRIVING	15	60	3		50		1	
W19	879+14	SIGN 003	EB	PASSING	15	60	12		300			
W20	880+79	SIGN 003	EB	DRIVING	15	60	7		138			
W21	885+39	SIGN 003	WB	PASSING	15	60	13		338			
W22	901+34	SIGN IL 2	EB	PASSING	15	60	13		338			
W23	907+72	SIGN IL 2	WB	PASSING	15	60	13		313			
W24	978+91	SIGN IL 251	EB	PASSING	15	60	13		275			
W25	984+91	SIGN IL 251	WB	PASSING	15	60	12		338			
W26	990+67	101-0065	EB	DRIVING					50		2	
W27	998+00	101-0066	WB	PASSING					50			
W28	1005+62	SIGN 018	WB	DRIVING	50	60	3		138			
W29	1141+51	SIGN I-39	WB	PASSING	15	60	11		325			
W30	1239+41	101-0068	WB	PASSING	15	60			50			
W31	1256+24	101-0098	WB	DRIVING					50			
W32	1294+88	SIGN 025	EB	DRIVING					50		1	
W33	1297+38	SIGN 025	EB	DRIVING					13			
W34	1334+17	MILL ROAD	EB	DRIVING					288			
W35	1340+51	101-0073	EB	DRIVING	50	60			50			
W36	1367+08	COUNTY LINE	EB	DRIVING					275			
W37	1372+50	COUNTY LINE	WB	DRIVING	15	60			288			
WINNEBAGO COUNTY TOTALS					595	1680	255	30	7369	0	6	

PRINT DRIVER = L:\0-ESCA\1679  
 USER NAME = PJL  
 PLOT DATE = 12/12/2016 10:28:06 AM  
 FILE NAME = 1679-06-01-1372+50.dwg



USER NAME = kjk  
 ESCA PROJECT NO. 1140.08  
 PLOT SCALE = 0.1667' / 1"

DESIGNED - ELH  
 DRAWN - KAH  
 CHECKED - RDP  
 DATE - 11/16

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	8
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BOONE COUNTY PROPOSED GUARDRAIL																		
MAP LOCATION	EXISTING END POST STATION	STRUCTURE NUMBER / LOCATION	DIRECTION	LANE	63000003	63000009	63000030	63000370	63100045	63100070	63100085	63100089	63100167	63100169	72501000	78200005	63500105	NOTES
					SPBGR, TY A, 9'	SPBGR, TY B, 9'	ST POST, ATTACH	LONG-SPAN GRAIL, 25'	TBT, TY 2	TBT, TY 5	TBT, TY 6	TBT, TY 6B	TBT, TY 1 (SPL) TAN	TBT, TY 1 (SPL) FLARE	TERMINAL MARKER	GUARDRAIL REF, TY A	DELINEATOR	
					FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
B1	28+64	WELTY DRIVE	WB	DRIVING	597				1					1	1	8	1	
B2	60+90	004-9900	WB	DRIVING	25				1	1						1		
B3	67+74	004-9900	WB	DRIVING	197						1			1	1	4	1	EXISTING HMA STABILIZATION
B4	84+46	CUSTOM ALLOYS	WB	DRIVING									1		1		1	EXISTING HMA STABILIZATION
B5	220+75	004-0006	WB	PASSING									1		1		1	EXISTING HMA STABILIZATION
B6	220+93	004-0006	WB	DRIVING									1		1		1	EXISTING HMA STABILIZATION
BOONE COUNTY TOTALS					819	0	0	0	2	1	1	0	3	2	5	13	5	

BOONE COUNTY OTHER ITEMS												
MAP LOCATION	EXISTING END POST STATION	STRUCTURE NUMBER / LOCATION	DIRECTION	LANE	20400800	28000400	48102100	60600605	63200310	64300370	70100420	NOTES
					FURNISHED EXCAVATION	PERIMETER EROSION BARRIER	AGG WEDGE SHLD, TY B	CONCRETE CURB, TY B	GUARDRAIL REMOVAL	IMPACT ATTENUATORS (FULL REDIR, WIDE), TL 3	TC & P STD 701411	
					CU YD	FOOT	TON	FOOT	FOOT	EACH	EACH	
B1	28+64	WELTY DRIVE	WB	DRIVING			26		663			
B2	60+90	004-9900	WB	DRIVING			2		50			
B3	67+74	004-9900	WB	DRIVING	50	60			300			
B4	84+46	CUSTOM ALLOYS	WB	DRIVING					50			
B5	220+75	004-0006	WB	PASSING					50			
B6	220+93	004-0006	WB	DRIVING					50			
BOONE COUNTY TOTALS					50	60	28	0	1163	0	0	

PRINT DRIVER = L:\0-649-1017-9  
 USER NAME = PJL  
 PLOT DATE = 11/16/2016 10:28:37 AM



USER NAME = kjk  
 ESCA PROJECT NO. 1140.08  
 PLOT SCALE = 0.1667' / 1"

DESIGNED - ELH  
 DRAWN - KAH  
 CHECKED - RDP  
 DATE - 11/16

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

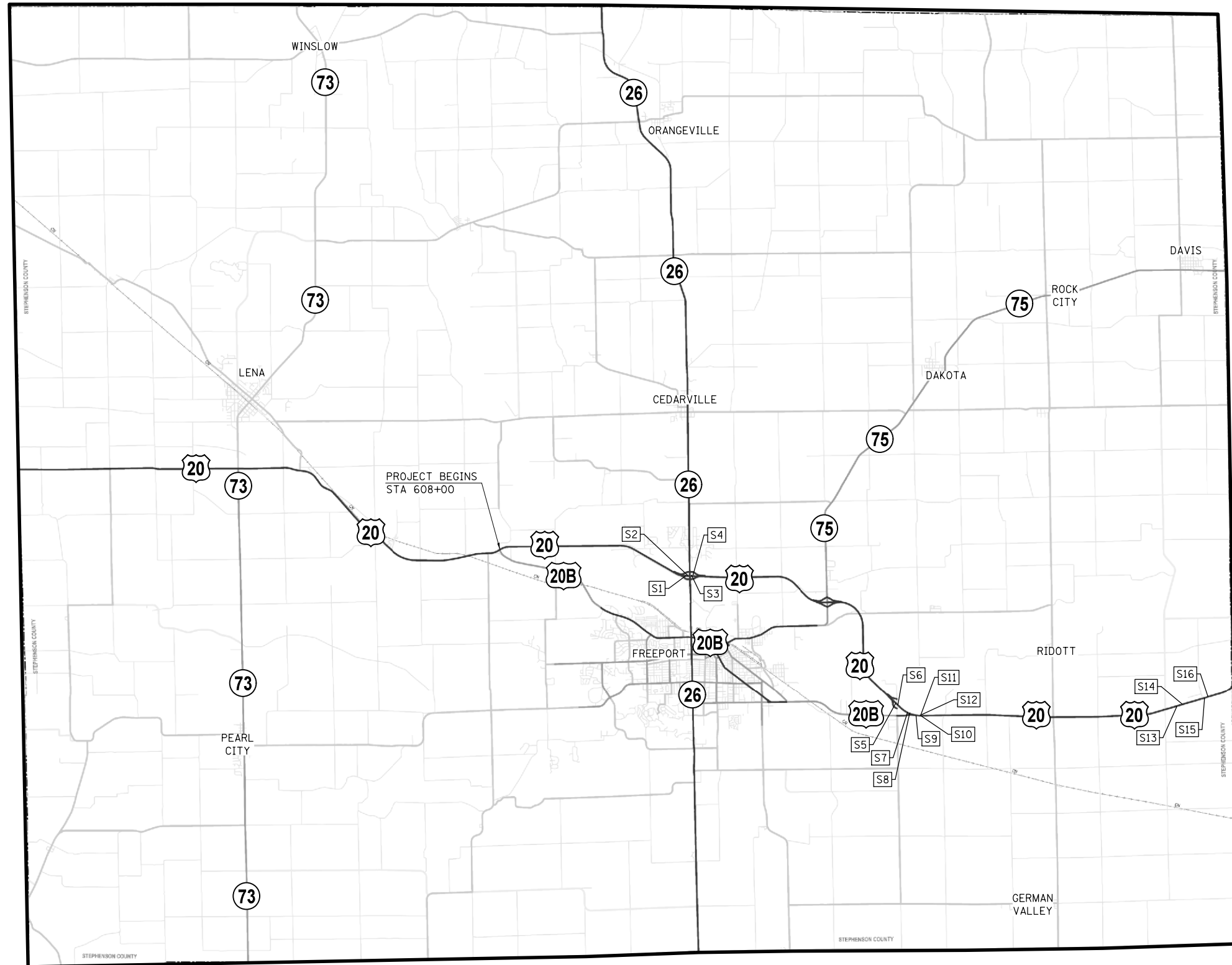
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: NA      SHEET NO. 4 OF 4 SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	9
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

# LOCATION MAP



## STEPHENSON COUNTY

S6 - DENOTES LOCATION OF PROPOSED IMPROVEMENTS; SEE SCHEDULES ON SHEET NO. 6 FOR ADDITIONAL LOCATION INFORMATION

PRINT DRIVER = L:\05-2016\1140-08\1140-08.dwg  
 PLOT DATE = 12/12/2016 10:29:58 AM  
 PLOT SCALE = 0.1667' / 1"



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:29:58 AM	DATE - 11/16	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

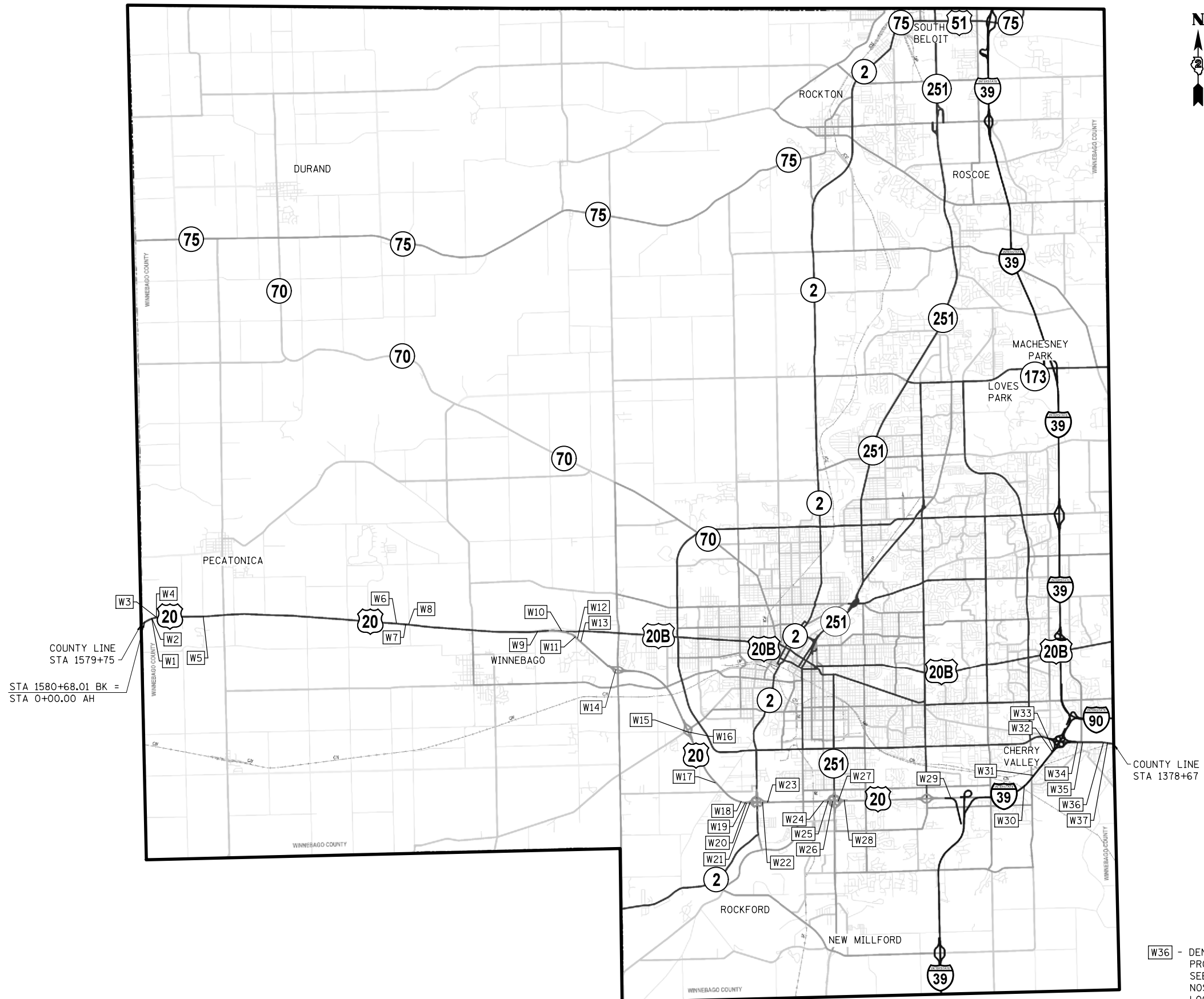
STEPHENSON COUNTY  
LOCATION MAP

SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	10
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



# LOCATION MAP



COUNTY LINE  
STA 1579+75

STA 1580+68.01 BK =  
STA 0+00.00 AH

COUNTY LINE  
STA 1378+67

**W36** - DENOTES LOCATION OF  
PROPOSED IMPROVEMENTS;  
SEE SCHEDULES ON SHEET  
NOS. 7 & 8 FOR ADDITIONAL  
LOCATION INFORMATION

## WINNEBAGO COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WINNEBAGO COUNTY  
LOCATION MAP

SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	11
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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 USER NAME = jrk  
 PLOT DATE = 12/12/2016 10:30:28 AM

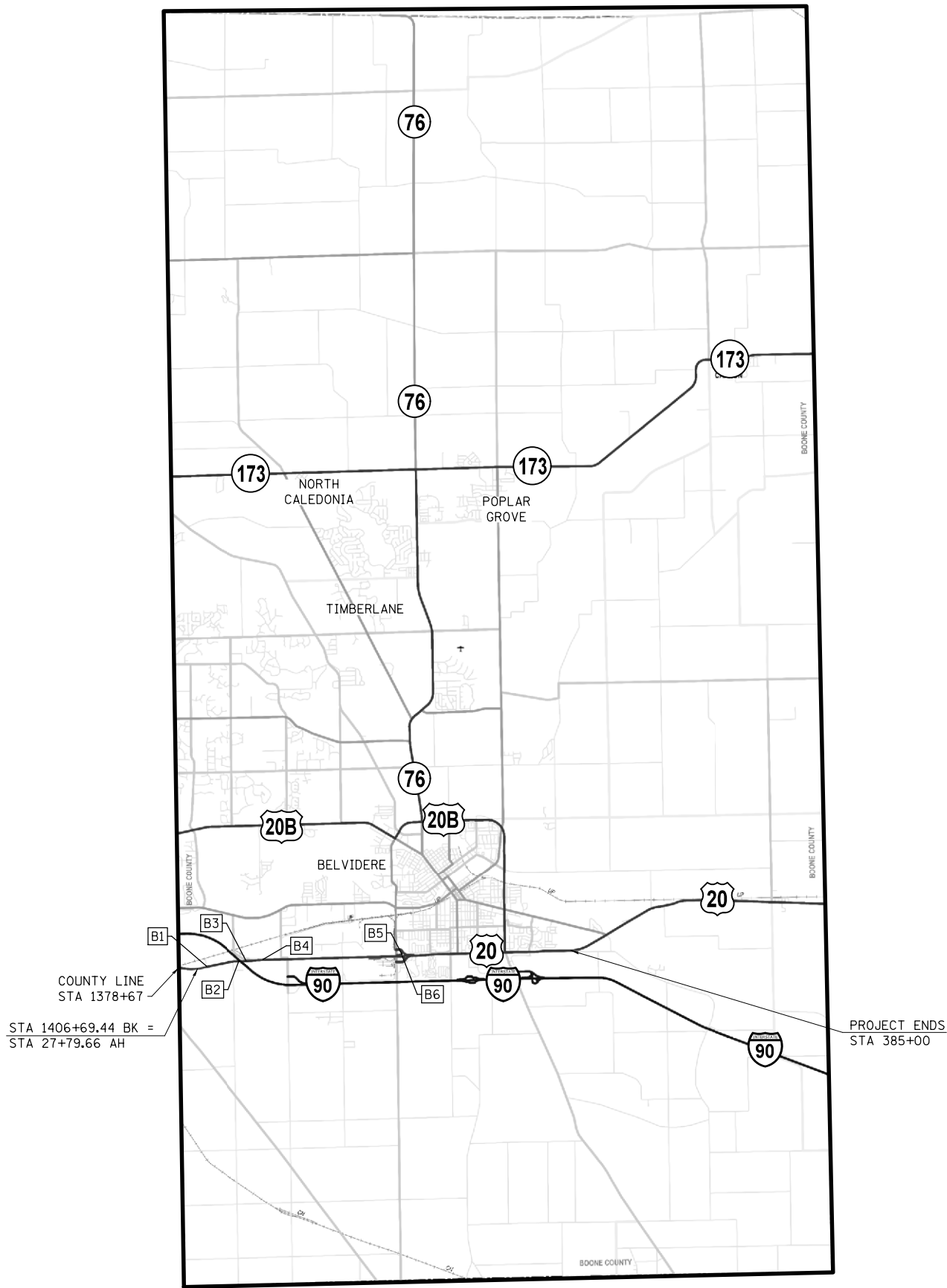


USER NAME = jrk  
 ESCA PROJECT NO. 1140.08  
 PLOT SCALE = 0.1667" = 1" / 17.0'  
 PLOT DATE = 12/12/2016 10:30:28 AM

DESIGNED - ELH  
 DRAWN - KAH  
 CHECKED - RDP  
 DATE - 11/16

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

# LOCATION MAP



# BOONE COUNTY

**B4** - DENOTES LOCATION OF PROPOSED IMPROVEMENTS; SEE SCHEDULES ON SHEET NO. 9 FOR ADDITIONAL LOCATION INFORMATION

PRINT DRIVER = L:\05-Boone\1140-08\1140-08.dwg  
 USER NAME = kjk  
 PLOT DATE = 12/12/2016 10:30:12 AM  
 PLOT SCALE = 0.1667' / in.



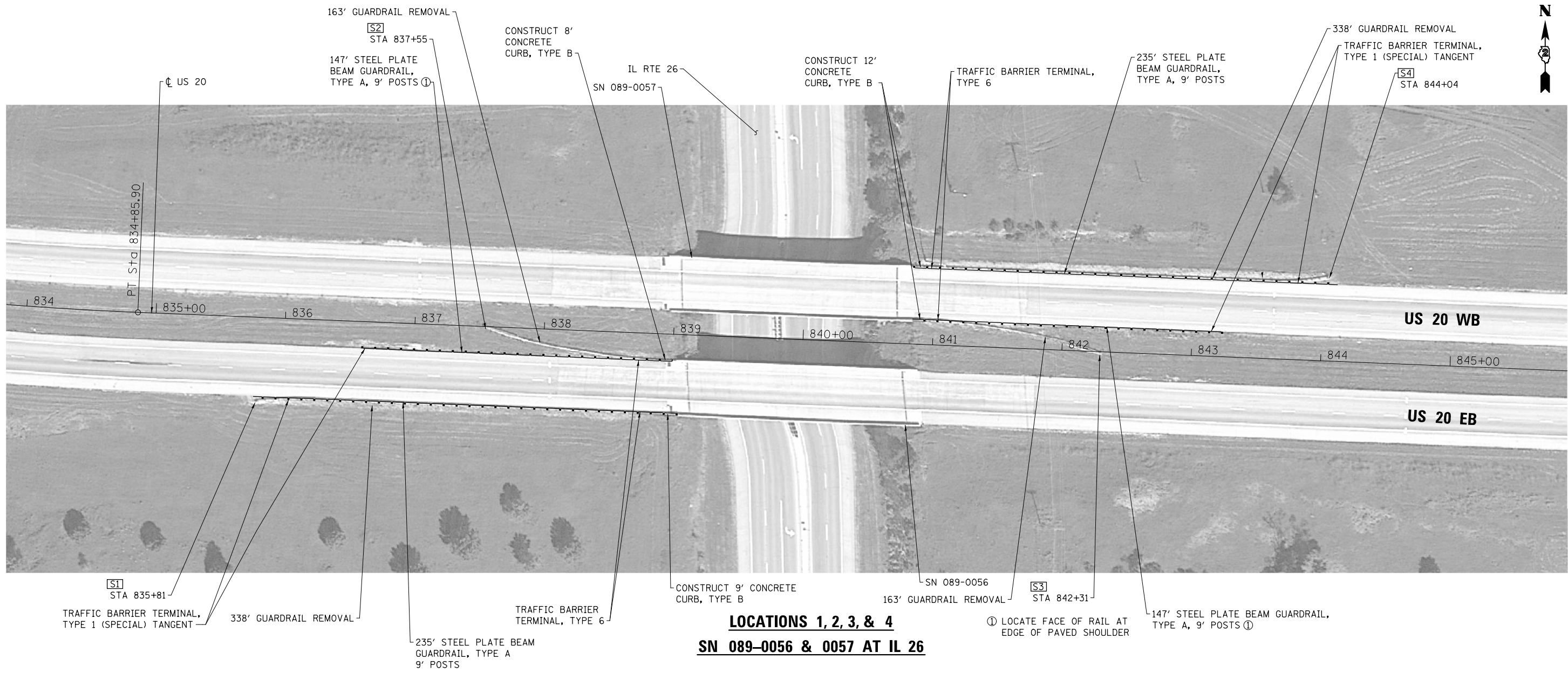
USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:30:12 AM	DATE - 11/16	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BOONE COUNTY  
LOCATION MAP

SCALE: NONE SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	12
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PRINT DRIVER = L:\05-2016\1140-08\1140-08.dwg  
 PLOT DATE = 12/13/2016 7:48:33 AM  
 PLOT SCALE = 0.1667' / 1"



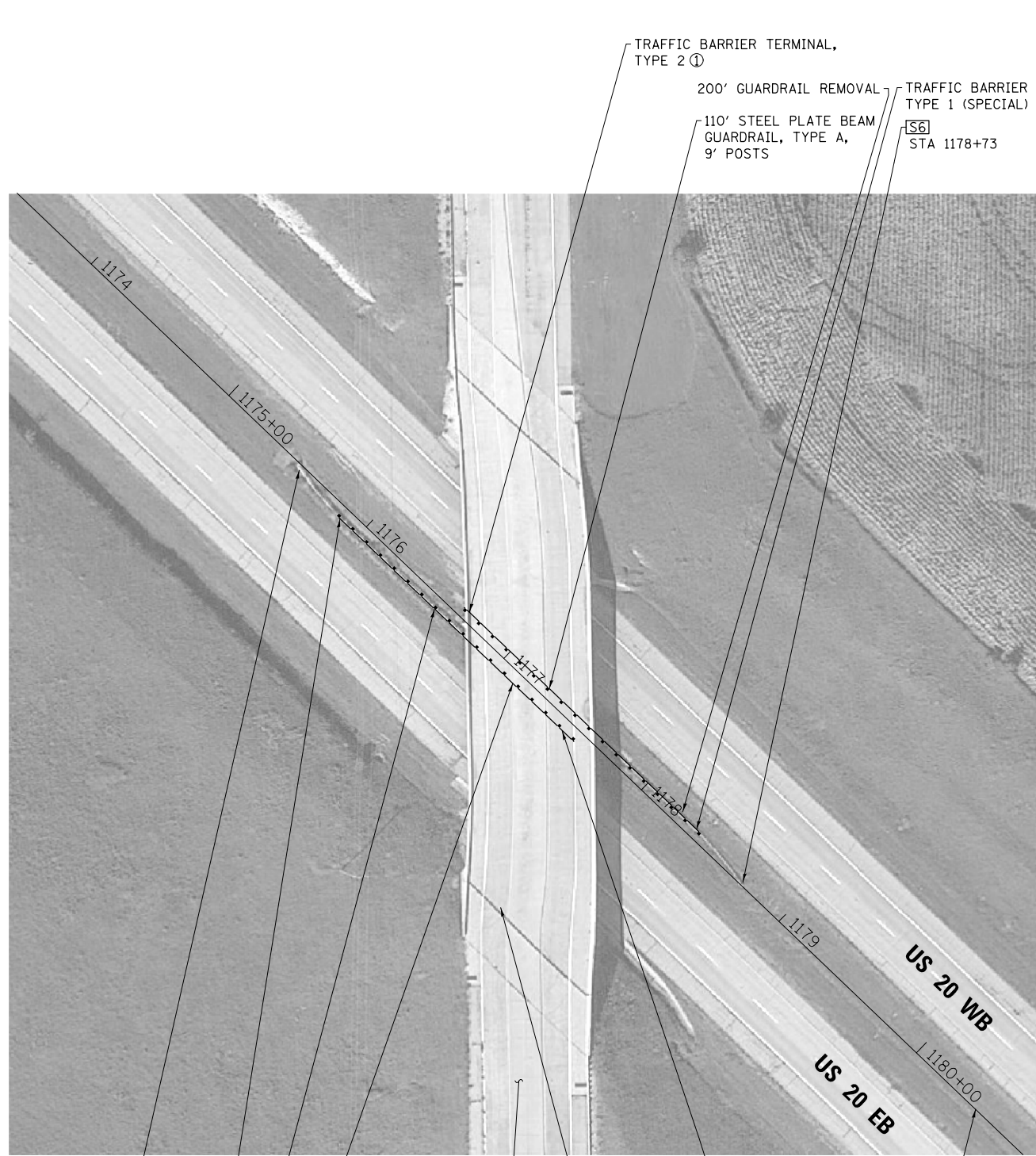
USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140-08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 12/13/2016 7:48:33 AM	DATE - 11/16	REVISED -

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

**STEPHENSON COUNTY PLAN VIEWS**

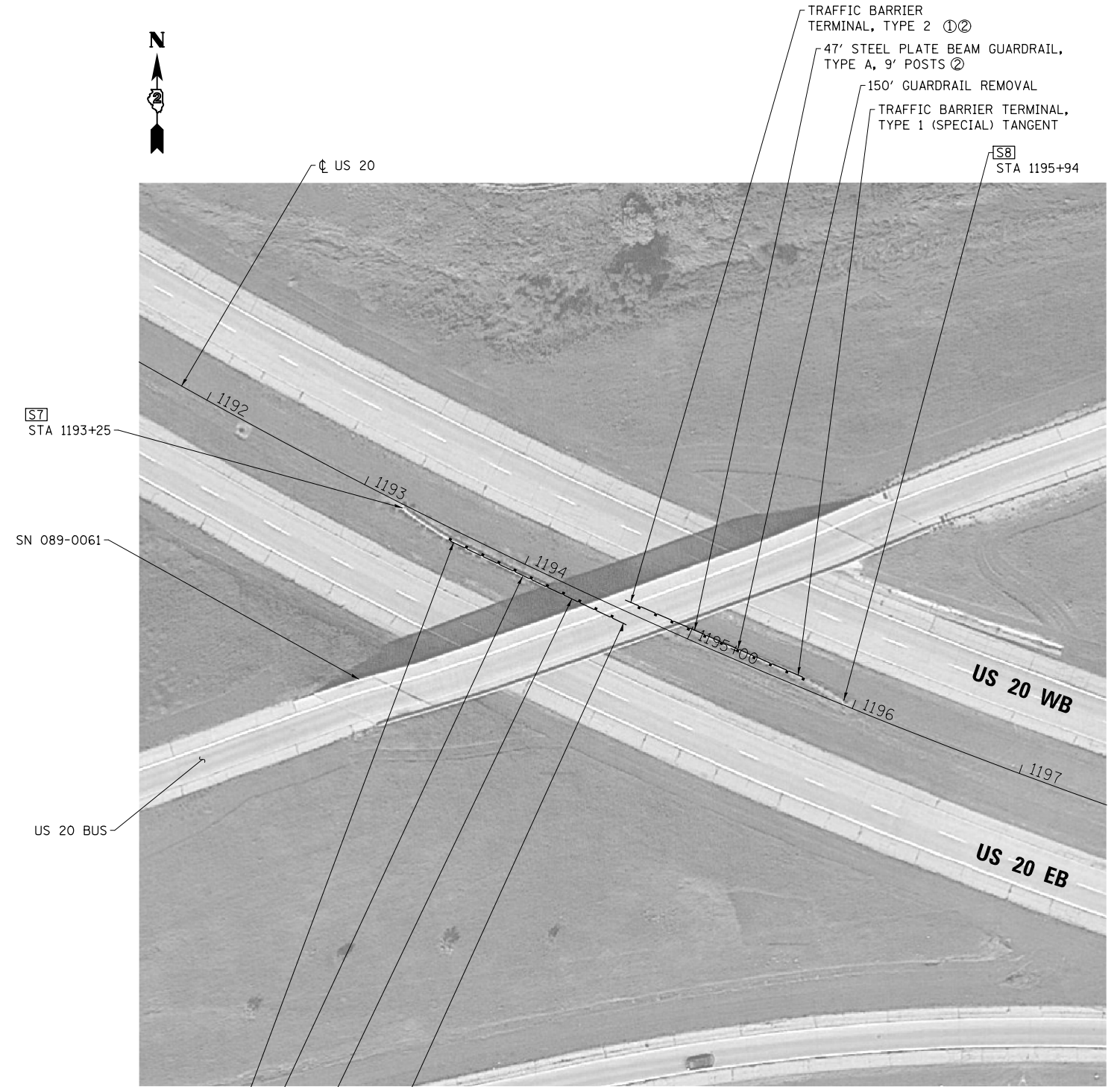
SCALE: NONE    SHEET NO. 1 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	13
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LOCATIONS 5 & 6**  
**SN 089-0050 ON SPRINGFIELD ROAD**

① LOCATE END POST AT DEPARTURE END OF BRIDGE PIER  
 ② LOCATE FACE OF RAIL 25' FROM EDGE OF TRAVELED WAY



**LOCATIONS 7 & 8**  
**SN 089-0061 ON WB US BUSINESS 20**

TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT  
 150' GUARDRAIL REMOVAL  
 47' STEEL PLATE BEAM GUARDRAIL, TYPE A, 9' POSTS ②  
 TRAFFIC BARRIER TERMINAL, TYPE 2 ①②

PRINT DRIVER = L:\05-2016\1140\1140.dwg  
 PLOT DATE = 12/12/2016 10:34:07 AM  
 PLOT SCALE = 0.1667 / in.  
 USER NAME = kjk



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667 / in.	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:34:07 AM	DATE - 11/16	REVISED -

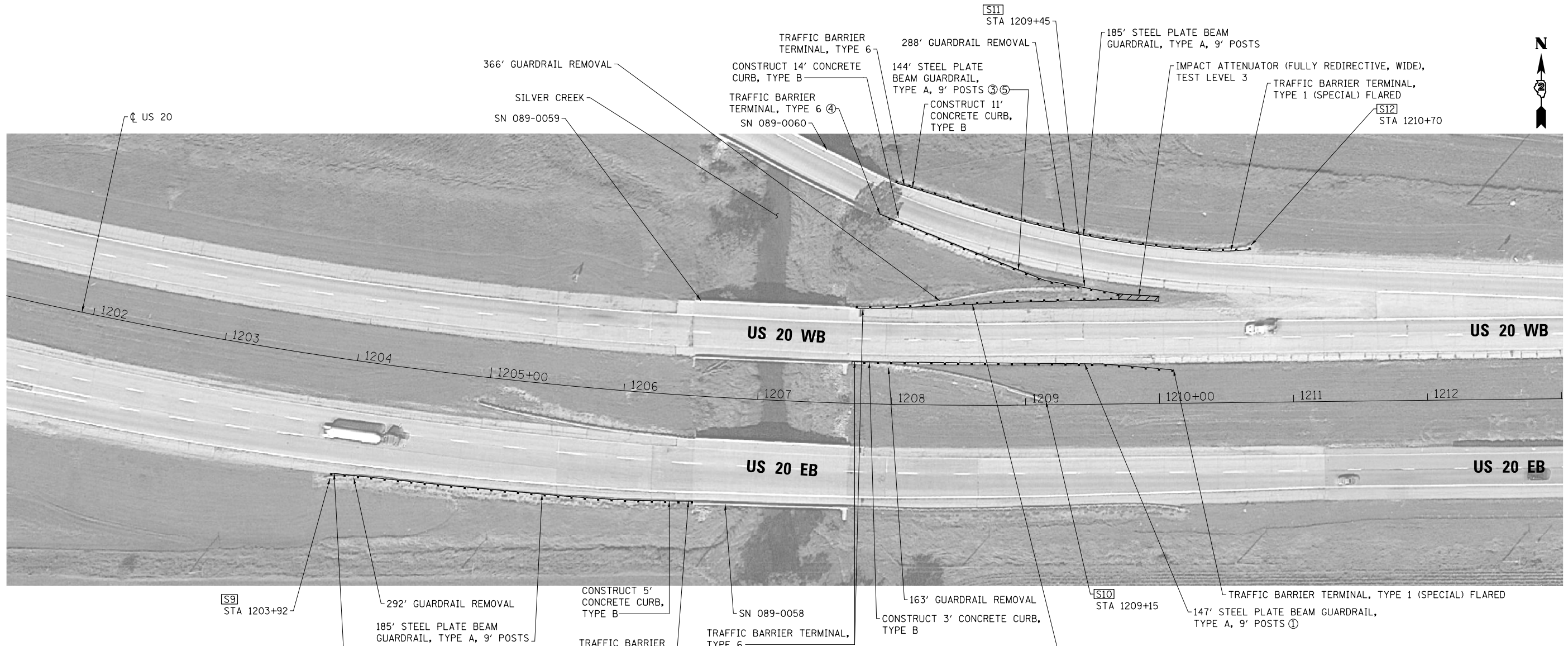
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

STEPHENSON COUNTY PLAN VIEWS

SCALE: NONE    SHEET NO. 2 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	14
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





**LOCATIONS 9, 10, 11, & 12**  
**SN 089-0058, 0059, & 0060 AT SILVER CREEK**

- ① LOCATE FACE OF RAIL AT EDGE OF PAVED SHOULDER
- ② FLARED AS REQUIRED; 1:7 MAXIMUM
- ③ INCLUDES TRANSITION SECTION OF RAIL TO ATTACH TO IMPACT ATTENUATOR
- ④ 1:28 FLARE
- ⑤ 87.5' AT 1:28 FLARE; 56.25' AT 1:7 MAXIMUM FLARE

PRINT DRIVER = L:\ESB\Bates\9  
 ESCA PROJECT NO. 1140.08  
 PLOT SCALE = 0.1667' / in.  
 PLOT DATE = 12/12/2016 10:35:15 AM



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / in.	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:35:15 AM	DATE - 11/16	REVISED -

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

**STEPHENSON COUNTY PLAN VIEWS**

SCALE: NONE    SHEET NO. 3 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	15
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



☐ EB US 20  
 ☐ S13 STA 1511+28  
 254' GUARDRAIL REMOVAL  
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT  
 160' STEEL PLATE BEAM GUARDRAIL, TYPE A, 9' POSTS  
 TRAFFIC BARRIER TERMINAL, TYPE 6  
 CONSTRUCT 15' CONCRETE CURB, TYPE B  
 SN 089-0014

**LOCATIONS 13 & 14**  
**SN 089-0014 & 0074 AT SUMNER CREEK**

PRINT DRIVER = L:\E-Books\10199...  
 PLOT DATE = 12/12/2016 10:35:55 AM



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:35:55 AM	DATE - 11/16	REVISED -

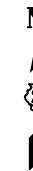
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**STEPHENSON COUNTY PLAN VIEWS**

SCALE: NONE    SHEET NO. 4 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	16
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





① END STEEL PLATE BEAM GUARDRAIL NEAR DEPARTURE  
 END OF CULVERT HEADWALL; SPACE POSTS TO MISS  
 CULVERT WALLS; POSTS MOUNTED ON CULVERT SLAB

SN 089-2014

**LOCATIONS 15 & 16**  
**SN 089-2014 EAST OF BOLEN ROAD**

PRINT DRIVER = L:\E-Books\10-16-2016\10-16-2016.dwg  
 PLOT DATE = 12/12/2016 10:36:41 AM

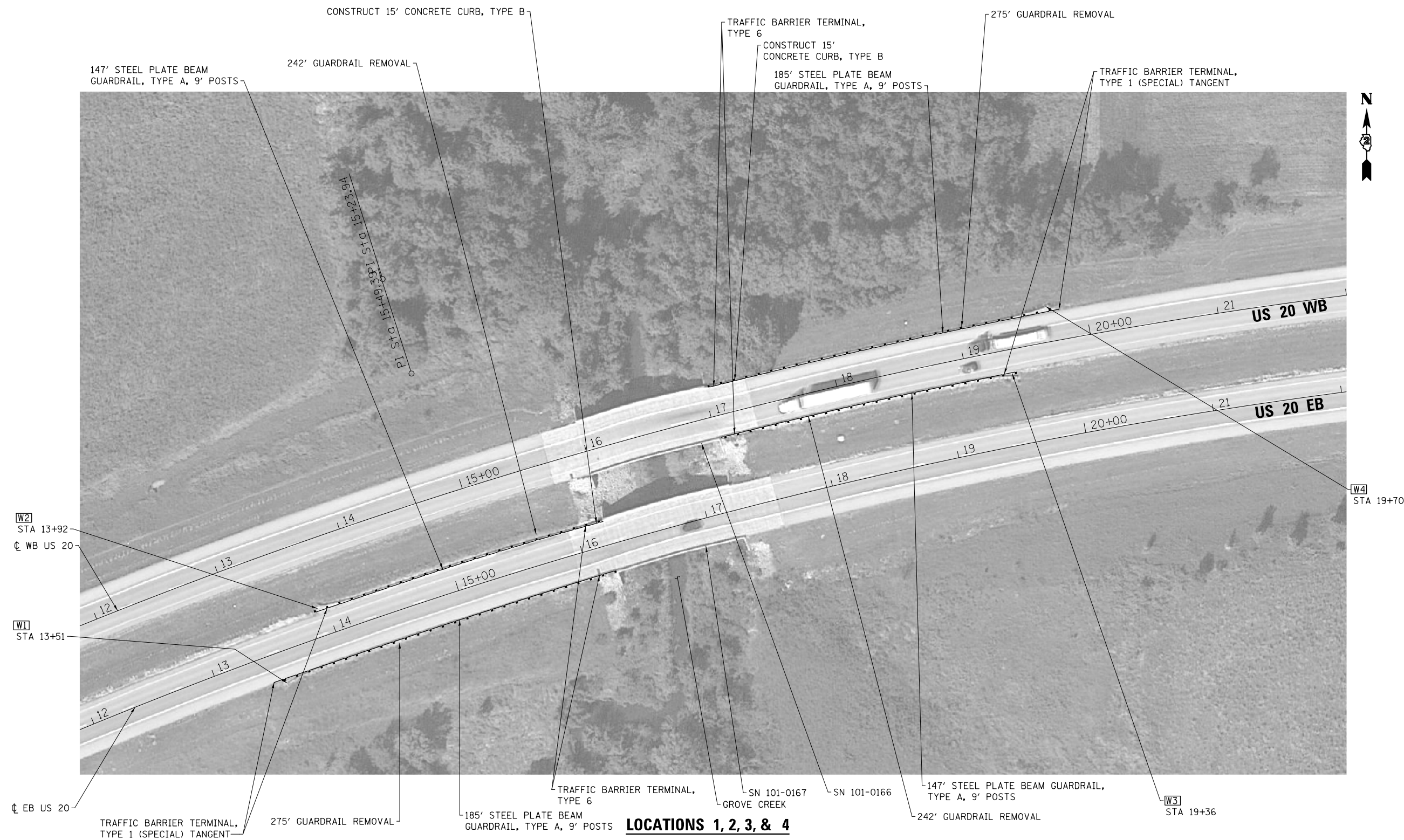


USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" = 1/6"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:36:41 AM	DATE - 11/16	REVISED -

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

<b>STEPHENSON COUNTY PLAN VIEWS</b>	
SCALE: NONE	SHEET NO. 5 OF 24 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	17
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LOCATIONS 1, 2, 3, & 4**  
**SN 101-0166 & 0167 AT GROVE CREEK**

PRINT DRIVER = L:\ESB\Bates\9  
 SCALE NAME = PLOT  
 FILE NAME = 101-0166-0167-0168.dwg



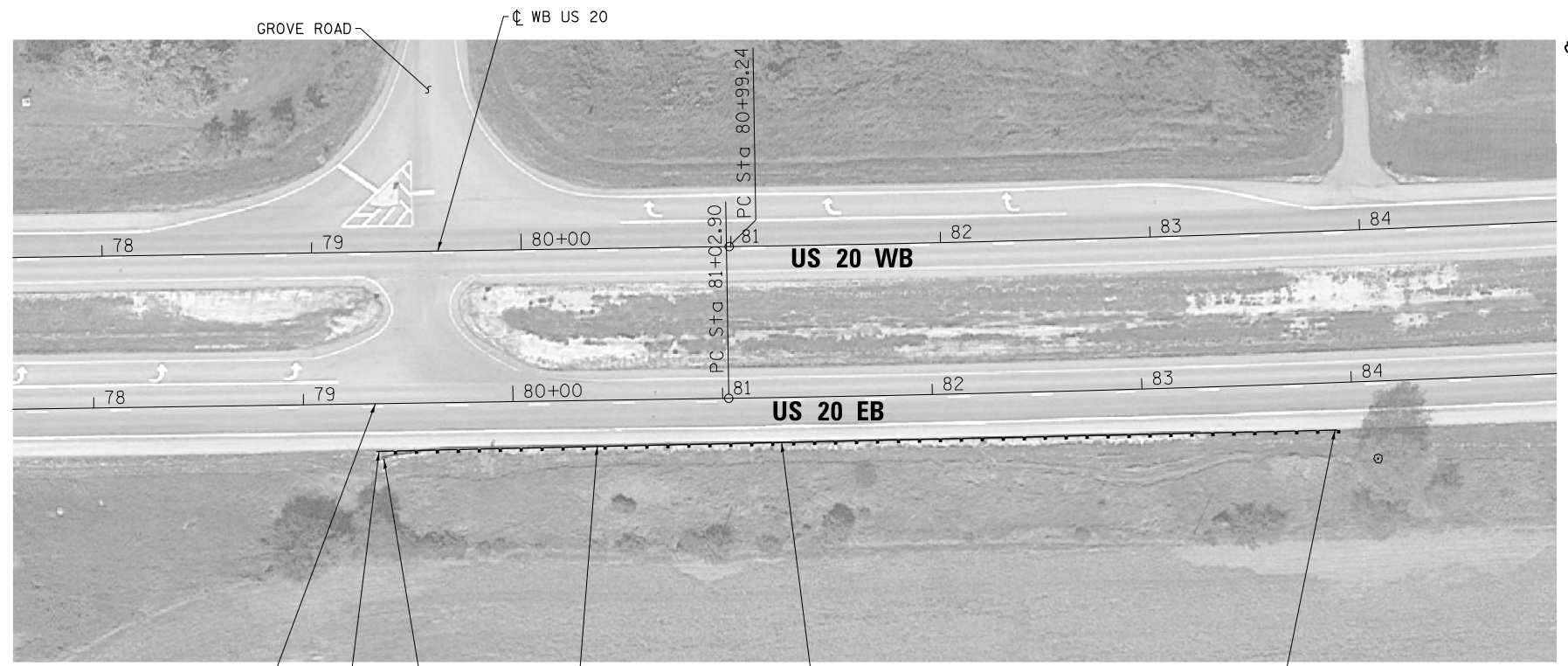
USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" = 1/6"	CHECKED - RDP	REVISED -
PLOT DATE = 12/13/2016 7:51:30 AM	DATE - 11/16	REVISED -

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

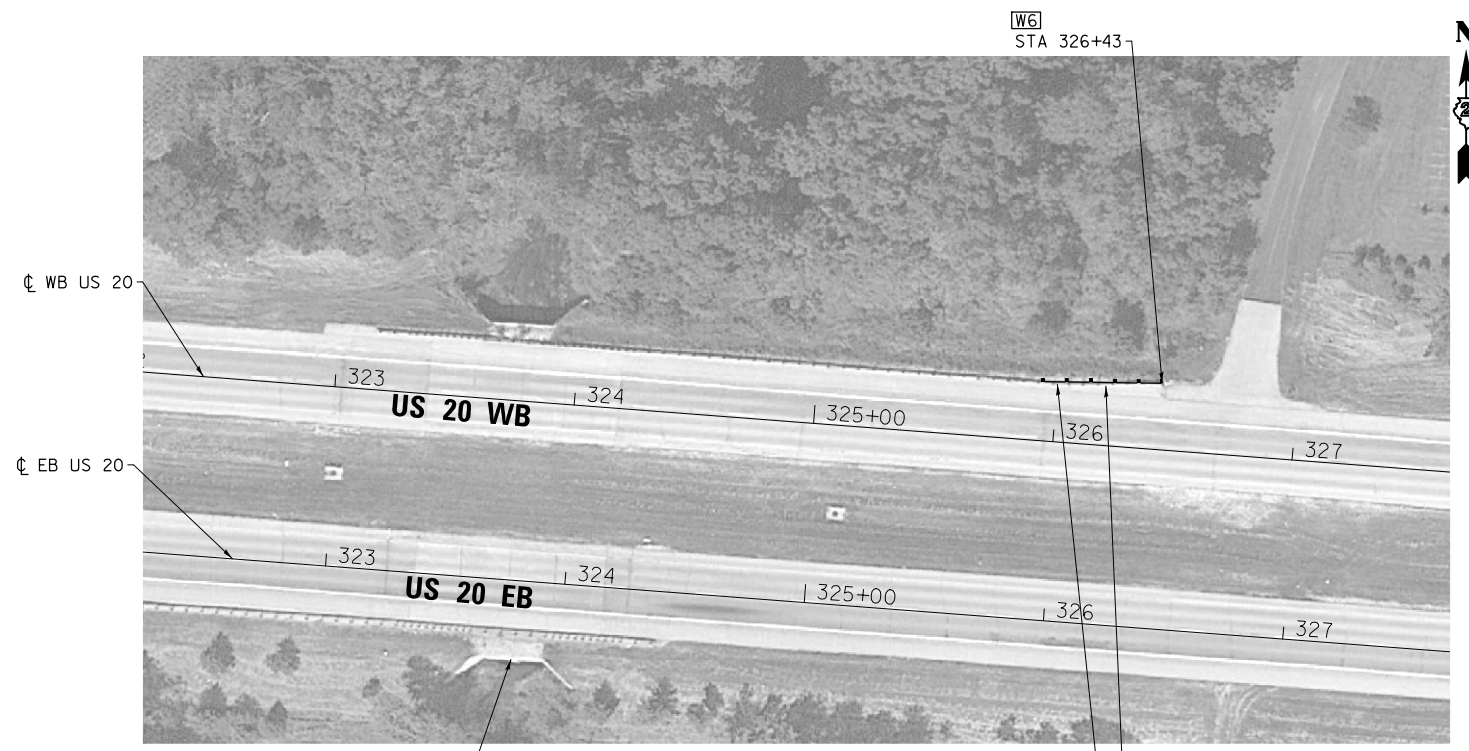
**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE    SHEET NO. 6 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	18
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



① EB US 20  
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT ①  
 W5  
 STA 79+38  
 388' GUARDRAIL REMOVAL  
 397' STEEL PLATE BEAM  
 GUARDRAIL, TYPE A, 9' POSTS  
**LOCATION 5**  
**EAST OF GROVE ROAD**  
 TRAFFIC BARRIER  
 TERMINAL, TYPE 2  
 ① PROPOSED END POST STATION  
 TO MATCH EXISTING



W6  
 STA 326+43  
 SN 101-2006  
**LOCATION 6**  
**SN 101-2006 AT COOLIDGE CREEK**  
 REPLACE END TERMINAL  
 WITH TRAFFIC BARRIER TERMINAL,  
 TYPE 1 (SPECIAL) TANGENT IN SAME LOCATION  
 50' GUARDRAIL REMOVAL

PRINT DRIVER = L:\0-EB\041679  
 SCALE NAME = PLOT  
 FILE NAME = 20161116-10:42:12.dwg



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:42:12 AM	DATE - 11/16	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WINNEBAGO COUNTY PLAN VIEWS

SCALE: NONE    SHEET NO. 7 OF 24 SHEETS    STA.    TO STA.

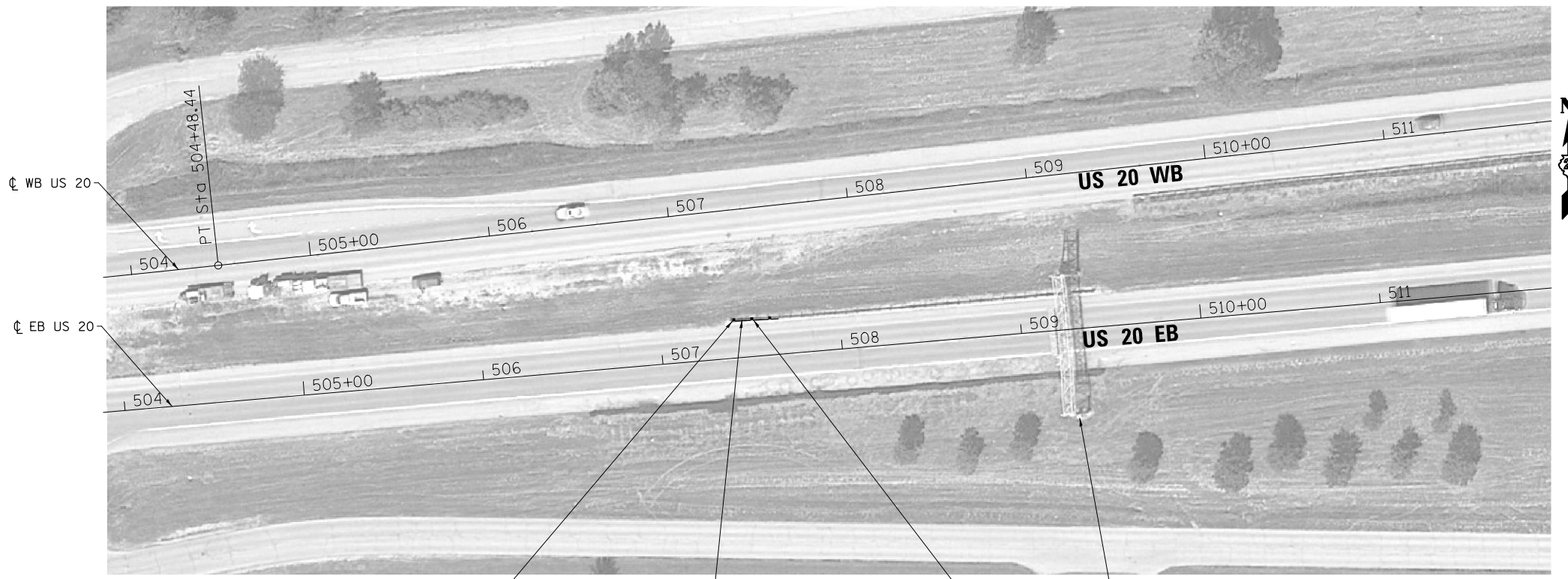
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	19
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





**LOCATIONS 7 & 8**  
**WEST OF KEITH ROAD**

- ① LOCATE POSTS TO CLEAR CULVERT
- ② PROPOSED END POST LOCATION TO MATCH EXISTING



**LOCATION 9**  
**CMS 1 WEST OF US BUS 20**

PRINT DRIVER = L:\ESCA\Bates\9  
 SCALE NAME = PLOT  
 FILE NAME = 12016-11-11-11-11-11.dwg



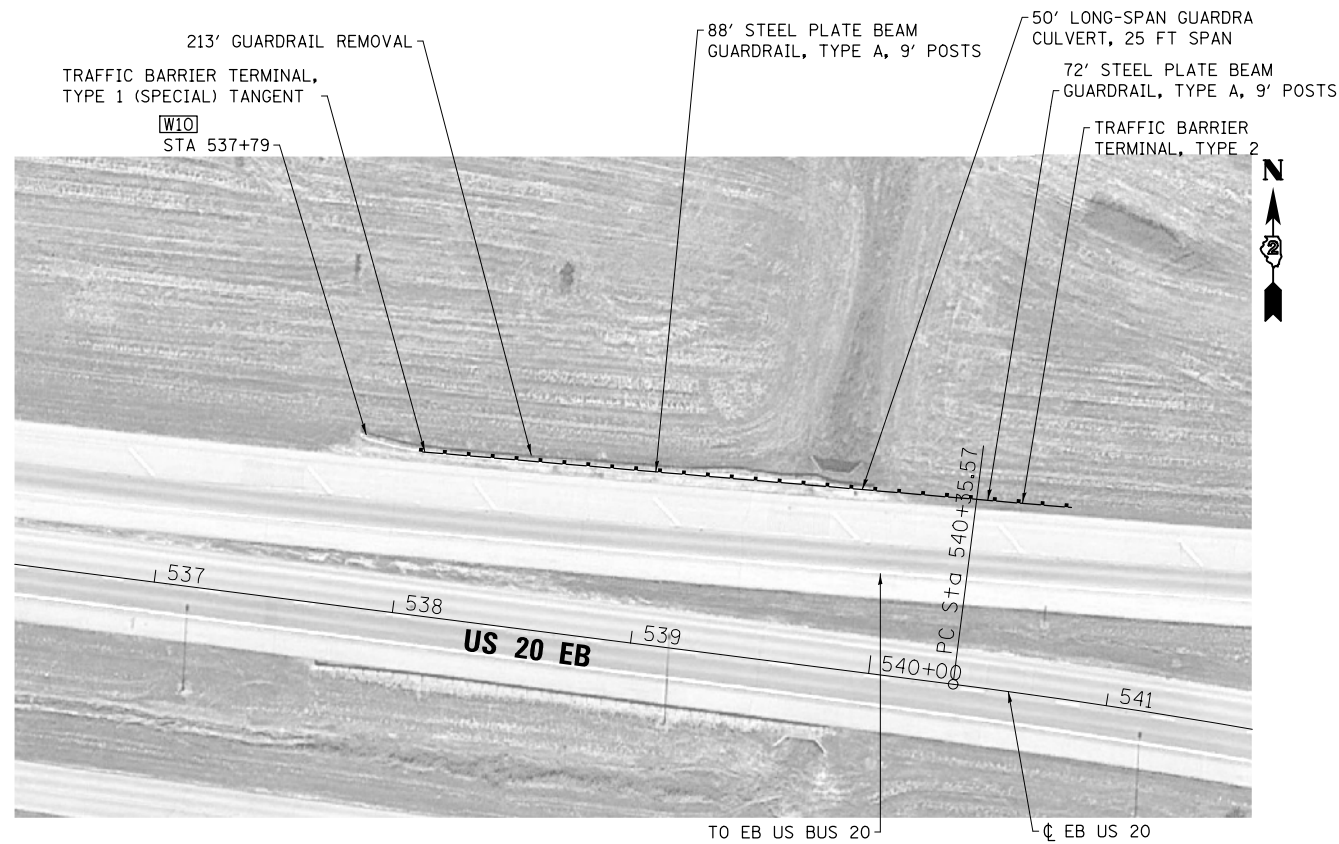
USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:44:16 AM	DATE - 11/16	REVISED -

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

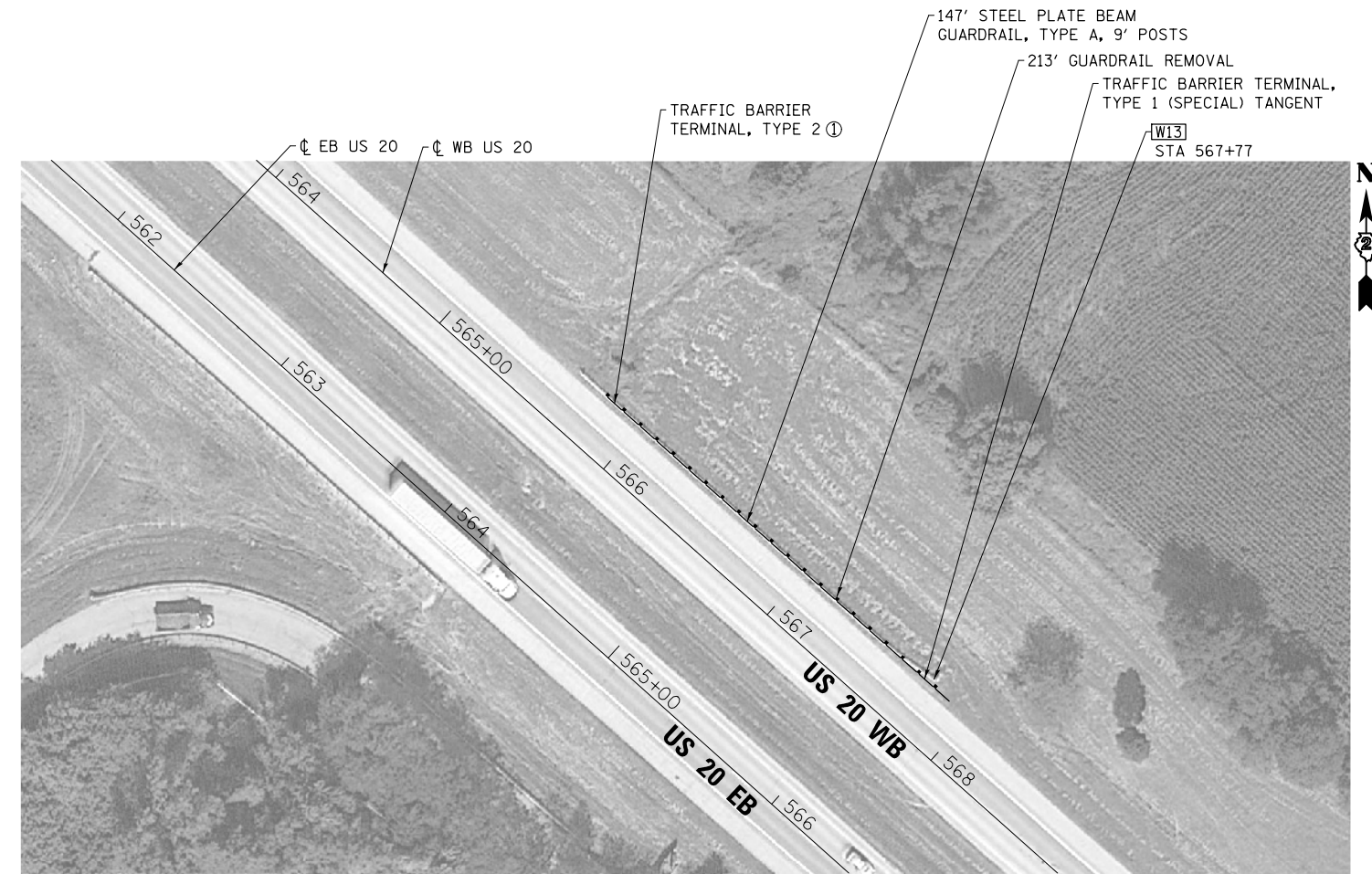
**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 8 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	20
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

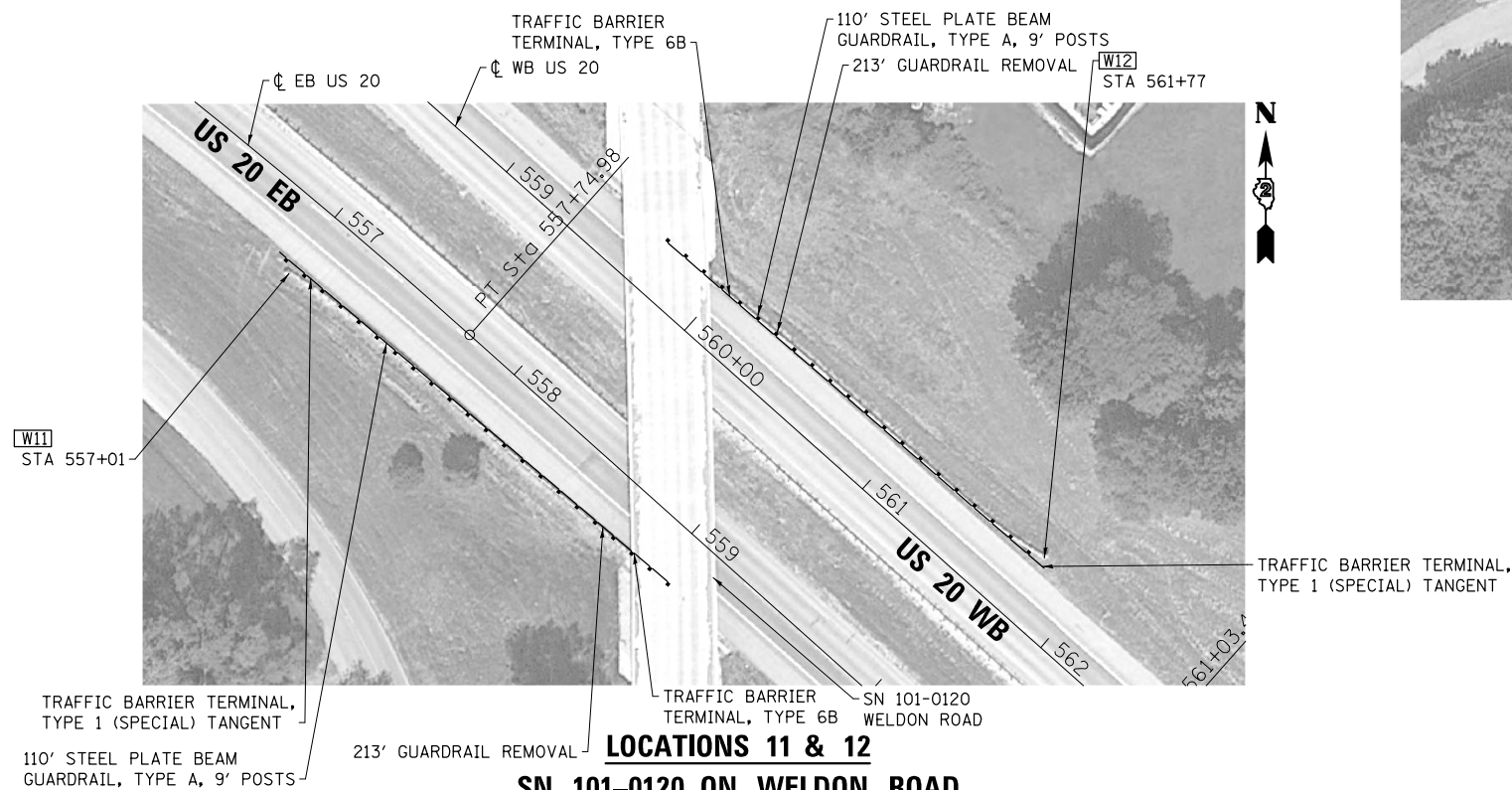


**LOCATION 10**  
**EB US BUS 20 ENTRANCE**



① SET END POST TO CLEAR BOX  
CULVERT ON APPROACH SIDE

**LOCATION 13**  
**EAST OF WELDON ROAD**



**LOCATIONS 11 & 12**  
**SN 101-0120 ON WELDON ROAD**

PRINT DRIVER = L:\05-2016\1140-08\1140-08.dwg  
SCALE NAME = 1:1000  
PLOT DATE = 12/12/2016 10:45:24 AM



USER NAME = kjk  
ESCA PROJECT NO. 1140.08  
PLOT SCALE = 0.1667' / 1" = 1/6"  
PLOT DATE = 12/12/2016 10:45:24 AM

DESIGNED - ELH  
DRAWN - KAH  
CHECKED - RDP  
DATE - 11/16

REVISED -  
REVISED -  
REVISED -  
REVISED -

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

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 9 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	21
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





**LOCATION 14**  
**SN 101-0096 ON MERIDIAN ROAD**

- [W14] STA 623+85
- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED
- 160' STEEL PLATE BEAM GUARDRAIL, TYPE A, 9' POSTS
- 263' GUARDRAIL REMOVAL

TRAFFIC BARRIER TERMINAL, TYPE 6B



**LOCATIONS 15 & 16**  
**SN 101-0094 ON MONTAGUE ROAD**

- TRAFFIC BARRIER TERMINAL, TYPE 2 ①
- 252' GUARDRAIL REMOVAL
- 222' STEEL PLATE BEAM GUARDRAIL, TYPE A, 9' POSTS
- ① LOCATE END POST AT CENTER OF CENTER PIER
- [W15] STA 758+30
- [W16] STA 758+36
- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT

- TRAFFIC BARRIER TERMINAL, TYPE 6B
- 160' STEEL PLATE BEAM GUARDRAIL, TYPE A, 9' POSTS
- 263' GUARDRAIL REMOVAL
- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED

PRINT DRIVER = L:\E-Books\1140\1140.dwg  
 PLOT DATE = 12/13/2016 7:55:51 AM  
 PLOT SCALE = 0.1667' / 1"



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 12/13/2016 7:55:51 AM	DATE - 11/16	REVISED -

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

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 10 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	22
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





W17  
 STA 832+00  
 REPLACE END TERMINAL WITH  
 TRAFFIC BARRIER TERMINAL,  
 TYPE 1 (SPECIAL) TANGENT  
 IN SAME LOCATION  
 50' GUARDRAIL REMOVAL

**LOCATION 17**  
**SN 101-0052 AT PRAIRIE ROAD**

SN 101-0052

PRINT DRIVER = L:\E-Books\101-0052.dwg  
 USER NAME = kjk  
 PLOT DATE = 12/12/2016 10:46:43 AM



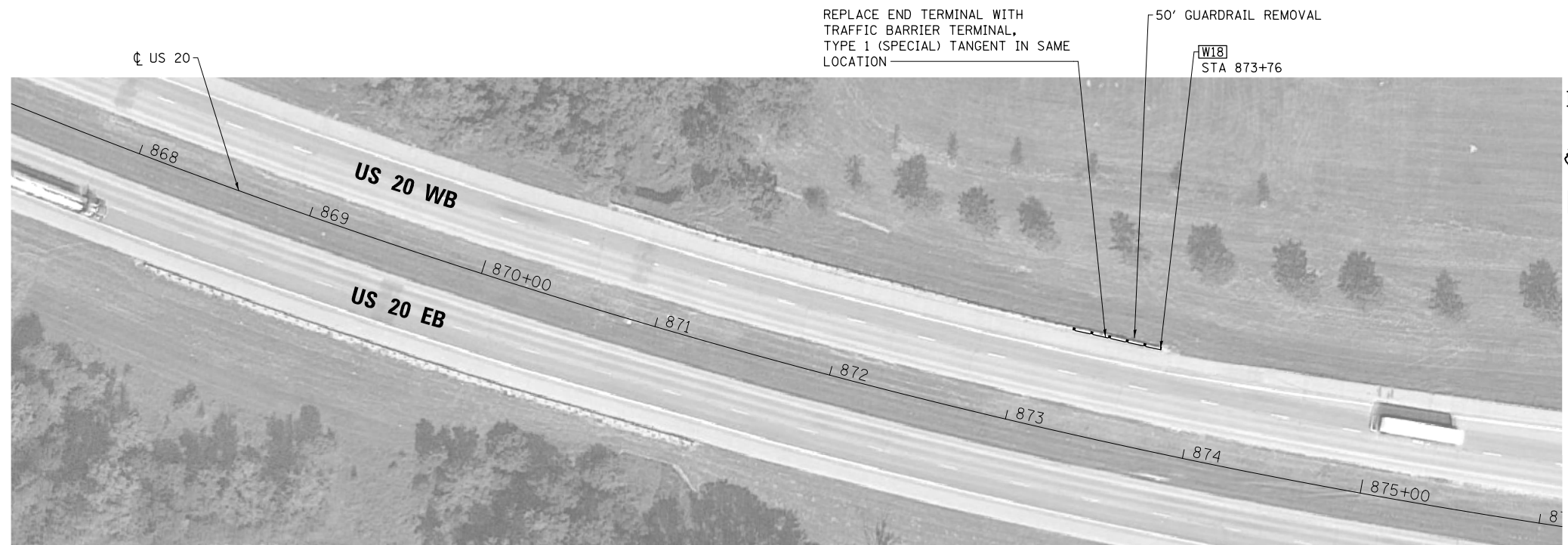
USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:46:43 AM	DATE - 11/16	REVISED -

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

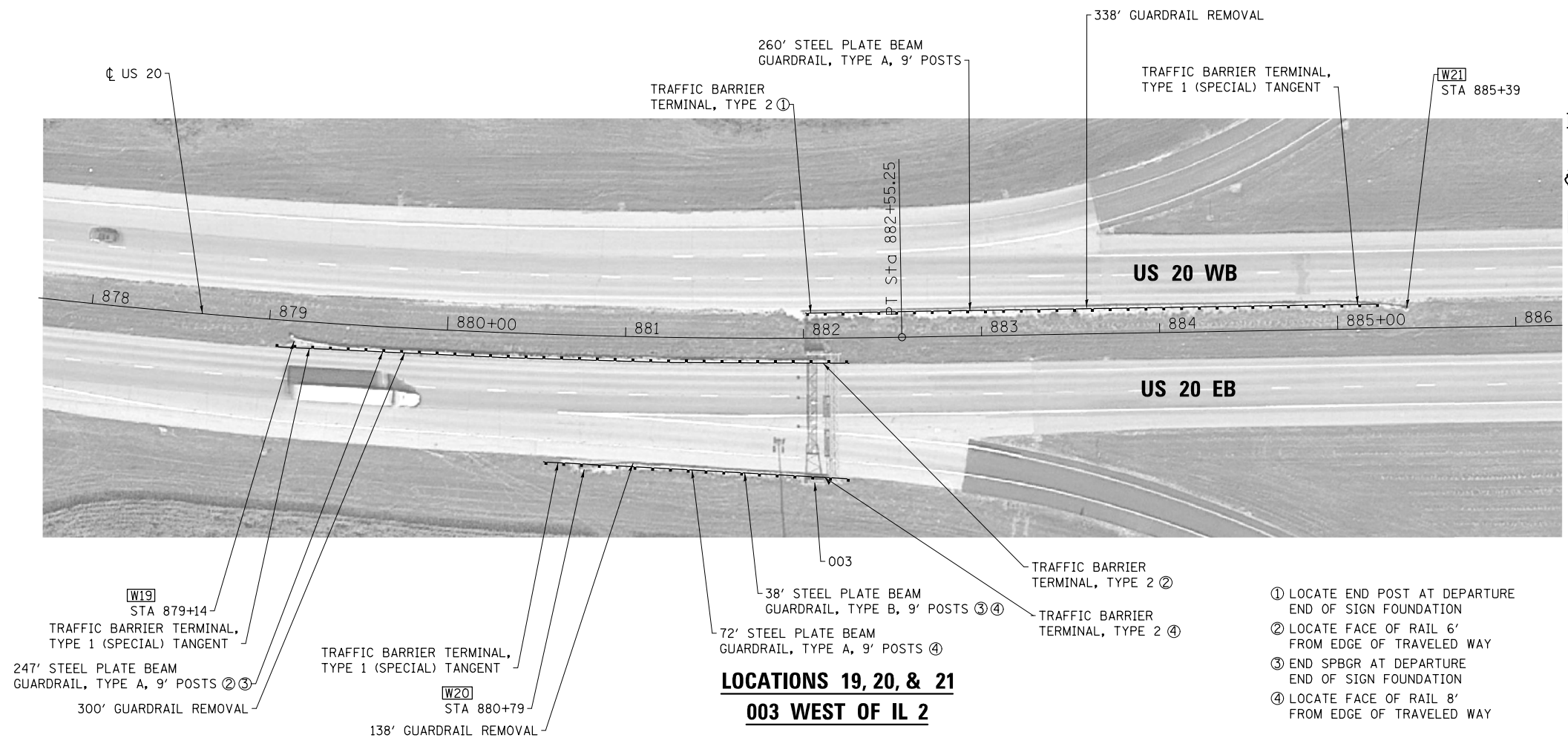
**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE    SHEET NO. 11 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	23
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LOCATION 18  
WEST OF IL 2**



**LOCATIONS 19, 20, & 21  
003 WEST OF IL 2**

- ① LOCATE END POST AT DEPARTURE END OF SIGN FOUNDATION
- ② LOCATE FACE OF RAIL 6' FROM EDGE OF TRAVELED WAY
- ③ END SPBGR AT DEPARTURE END OF SIGN FOUNDATION
- ④ LOCATE FACE OF RAIL 8' FROM EDGE OF TRAVELED WAY

PRINT DRIVER = L:\05-2016\1140-08\1140-08.dwg  
 PLOT DATE = 12/12/2016 10:47:26 AM  
 PLOT SCALE = 0.1667' / 1"



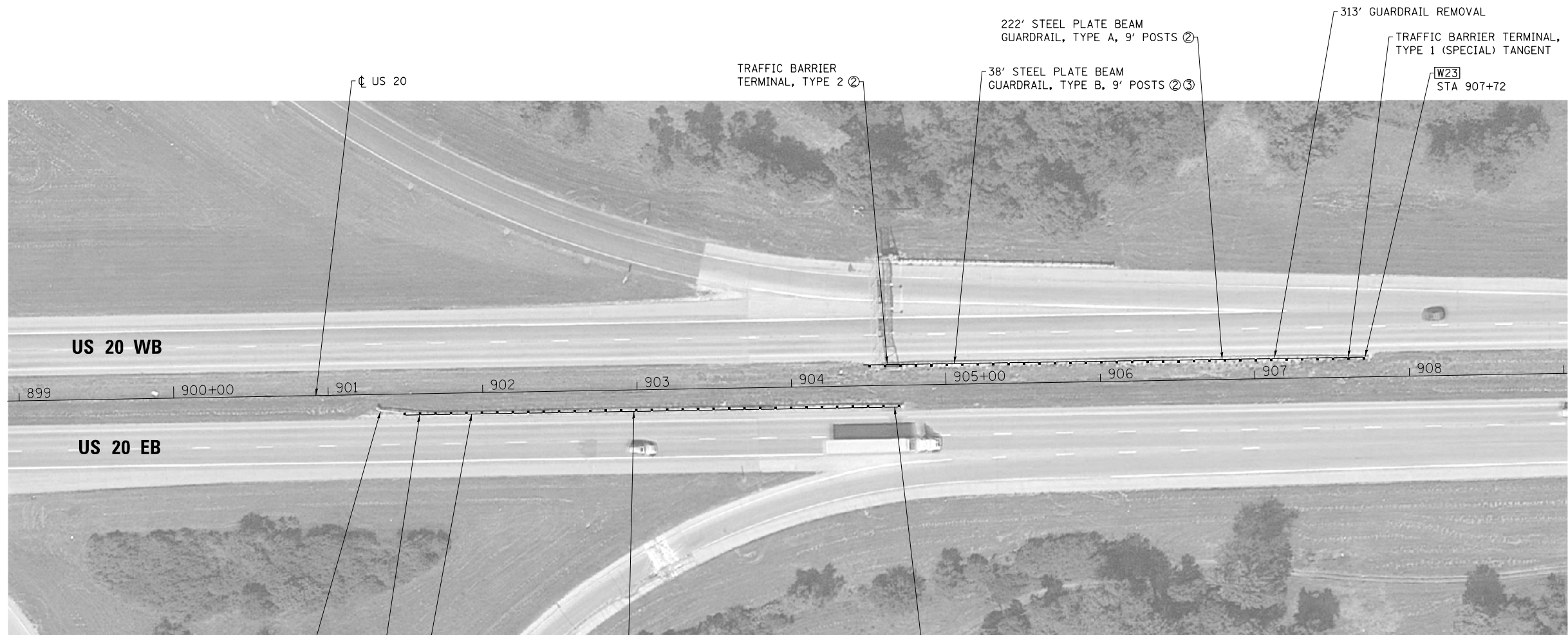
USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:47:26 AM	DATE - 11/16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 12 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D2-J 2017-1	VARIOUS	40	24
	FAP 301 & 525	CONTRACT NO. 64L96		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



W22  
STA 901+34  
TRAFFIC BARRIER TERMINAL,  
TYPE 1 (SPECIAL) TANGENT  
338' GUARDRAIL REMOVAL

260' STEEL PLATE BEAM  
GUARDRAIL, TYPE A, 9' POSTS

**LOCATIONS 22 & 23  
EAST OF IL 2**

TRAFFIC BARRIER  
TERMINAL, TYPE 2 ①

- ① LOCATE END POST AT DEPARTURE END OF SIGN FOUNDATION
- ② LOCATE FACE OF RAIL 4' FROM EDGE OF TRAVELED WAY
- ③ END SPBGR AT DEPARTURE END OF SIGN FOUNDATION

PRINT DRIVER = L:\E-Books\1019  
 USER NAME = PJL  
 PLOT DATE = 12/12/2016 10:47:57 AM



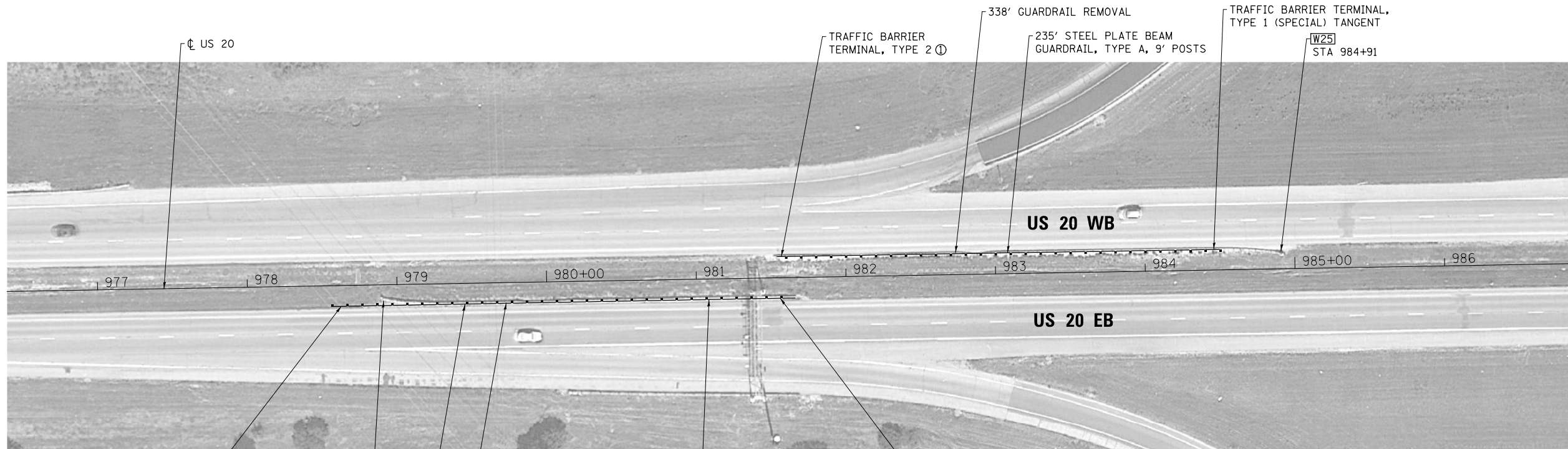
USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" = 1/6"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:47:57 AM	DATE - 11/16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE    SHEET NO. 13 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	25
• FAP 301 & 525		<b>CONTRACT NO. 64L96</b>		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LOCATIONS 24 & 25  
WEST OF IL 251**

- ① LOCATE END POST AT APPROACH END OF SIGN FOUNDATION
- ② LOCATE FACE OF RAIL 5' FROM EDGE OF TRAVELED WAY
- ③ END SPBGR AT DEPARTURE END OF SIGN FOUNDATION

PRINT DRIVER = L:\E-Books\10-11-16\10-11-16.dwg  
 USER NAME = L:\E-Books\10-11-16\10-11-16.dwg  
 PLOT DATE = 12/12/2016 10:48:34 AM



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" = 1/6"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:48:34 AM	DATE - 11/16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 14 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	26
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





W26  
STA 990+67  
50' GUARDRAIL REMOVAL

SN 101-0065  
REPLACE END TERMINAL WITH TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT IN SAME LOCATION

**LOCATIONS 26 & 27**  
**SN 101-0065 & 0066 AT IL 251**

REPLACE END TERMINAL WITH TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED IN SAME LOCATION  
50' GUARDRAIL REMOVAL

PRINT DRIVER = L:\05-6-2016\9  
SCALE NAME = PLT01-16-2016-11-15-2016.dgn



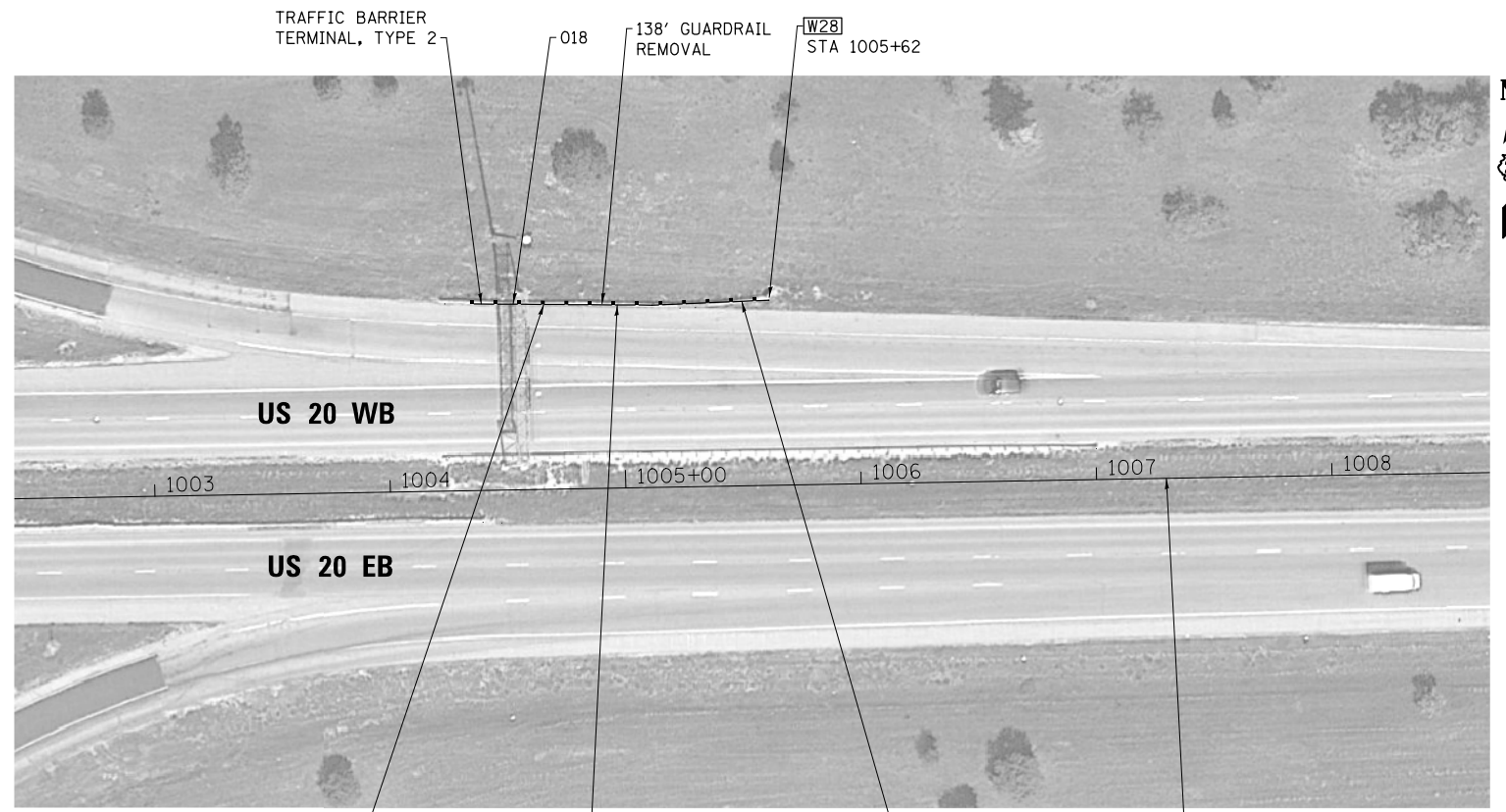
USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:49:10 AM	DATE - 11/16	REVISED -

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

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 15 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	27
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



38' STEEL PLATE BEAM  
GUARDRAIL, TYPE B, 9' POSTS ①

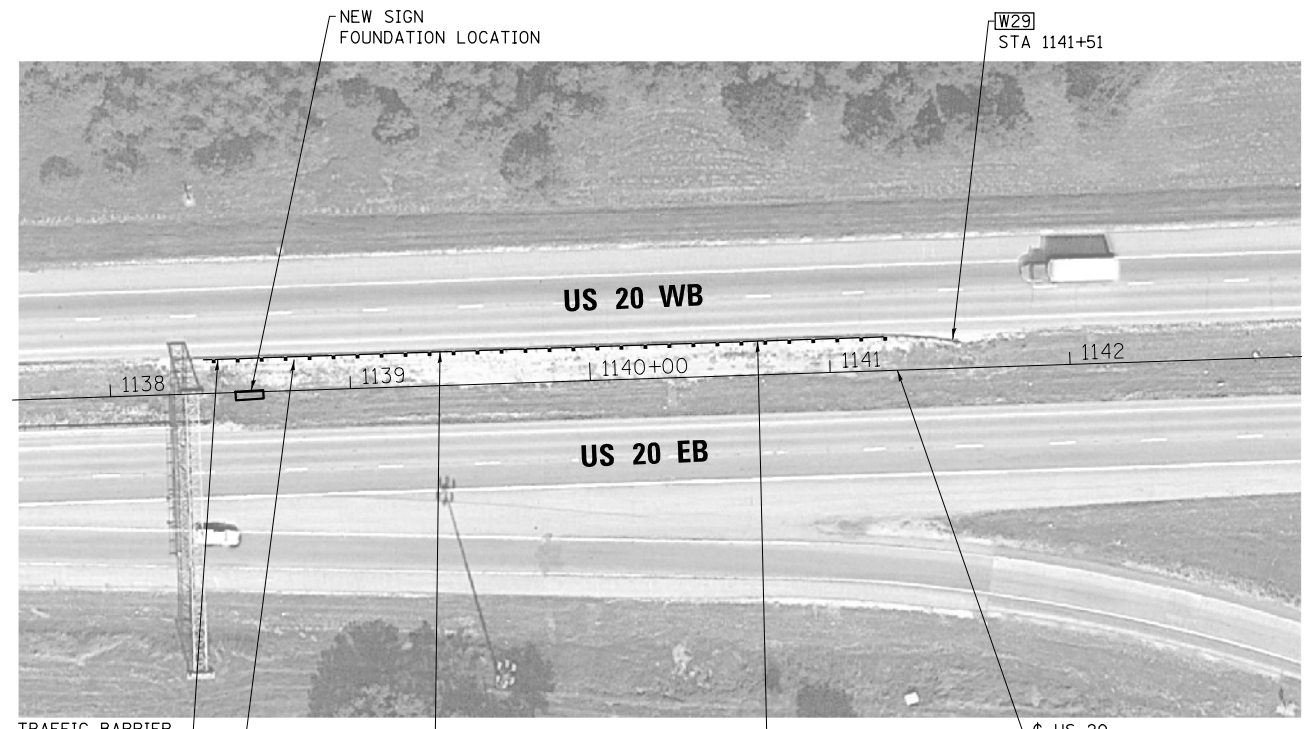
22' STEEL PLATE BEAM  
GUARDRAIL, TYPE A, 9' POSTS ②

**LOCATION 28**  
**018 EAST OF IL 251**

TRAFFIC BARRIER TERMINAL,  
TYPE 1 (SPECIAL) FLARED

US 20

- ① END SPBGR AT DEPARTURE  
END OF SIGN FOUNDATION
- ② END SPBGR AT APPROACH  
END OF SIGN FOUNDATION



TRAFFIC BARRIER TERMINAL,  
TYPE 2

325' GUARDRAIL REMOVAL

222' STEEL PLATE BEAM  
GUARDRAIL, TYPE A, 9' POSTS ②

**LOCATION 29**  
**WEST OF I-39**

TRAFFIC BARRIER TERMINAL,  
TYPE 1 (SPECIAL) TANGENT

US 20

PRINT DRIVER = L:\D-E\B\16179  
 SCALE NAME = PLOT  
 FILE NAME = 120816-06-11-16-12-16-16.dwg



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/13/2016 8:01:05 AM	DATE - 11/16	REVISED -

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

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 16 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	28
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





**LOCATION 30  
SN 101-0068 AT RAILROAD**

PRINT DRIVER = L:\05-2017\1140-08\1140-08.dwg  
 PLOT SCALE = 0.1667' / 1" = 1:60  
 PLOT DATE = 12/12/2016 10:50:35 AM



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:50:35 AM	DATE - 11/16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE    SHEET NO. 17 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	29
•	FAP 301 & 525	CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LOCATION 31**  
**SN 101-0098 AT PERRYVILLE ROAD**

PRINT DRIVER = L:\05-2016\1140-08\1140-08.dwg  
 PLOT DATE = 12/12/2016 10:51:45 AM  
 PLOT SCALE = 0.1667' / 1" = 1/6"



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140-08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" = 1/6"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:51:45 AM	DATE - 11/16	REVISED -

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

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE    SHEET NO. 18 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	30
•	FAP 301 & 525	CONTRACT NO. 64L96		
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



W32  
STA 1294+88  
REPLACE END TERMINAL WITH  
TRAFFIC BARRIER TERMINAL,  
TYPE 1 (SPECIAL) TANGENT  
IN SAME LOCATION

**LOCATIONS 32 & 33  
025 NEAR HARRISON AVENUE**

50' GUARDRAIL REMOVAL

13' GUARDRAIL REMOVAL  
REPLACE END TERMINAL WITH  
TRAFFIC BARRIER TERMINAL,  
TYPE 2 IN SAME LOCATION

PRINT DRIVER = L:\D2-J\Bates\19  
 SCALE NAME = PLOT  
 FILE NAME = 025-19-16-12-16.dwg



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:52:19 AM	DATE - 11/16	REVISED -

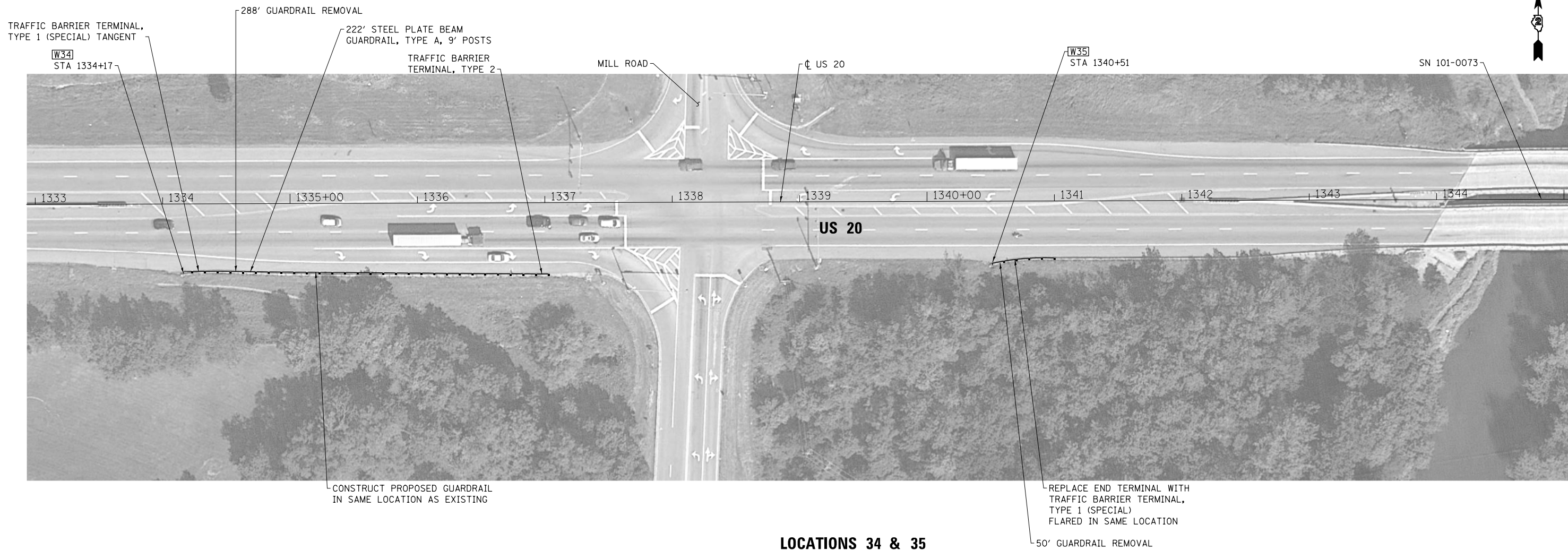
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 19 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	31
•	FAP 301 & 525	CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			





**LOCATIONS 34 & 35  
SN 101-0073 NEAR MILL ROAD**

PRINT DRIVER = L:\D-E\B\B\16179  
 USER NAME = KJK  
 PLOT DATE = 12/12/2016 10:53:04 AM



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:53:04 AM	DATE - 11/16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE    SHEET NO. 20 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	32
•	FAP 301 & 525	CONTRACT NO.	64L96	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LOCATIONS 36 & 37  
WEST OF BOONE COUNTY LINE**

PRINT DRIVER = L:\05-2016\1140\1140-08\1140-08.dwg  
 PLOT DATE = 12/12/2016 10:53:37 AM  
 SCALE = 0.1667" = 1' 0"



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:53:37 AM	DATE - 11/16	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WINNEBAGO COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 21 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	33
	• FAP 301 & 525	CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**LOCATION 1  
NEAR WELTY DRIVE**

PRINT DRIVER = L:\05-2016\1140\1140-08.dwg  
 PLOT SCALE = 0.1667' / 1" = 1/6" = 0.1667  
 PLOT DATE = 12/12/2016 10:54:24 AM



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" = 1/6" = 0.1667	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:54:24 AM	DATE - 11/16	REVISED -

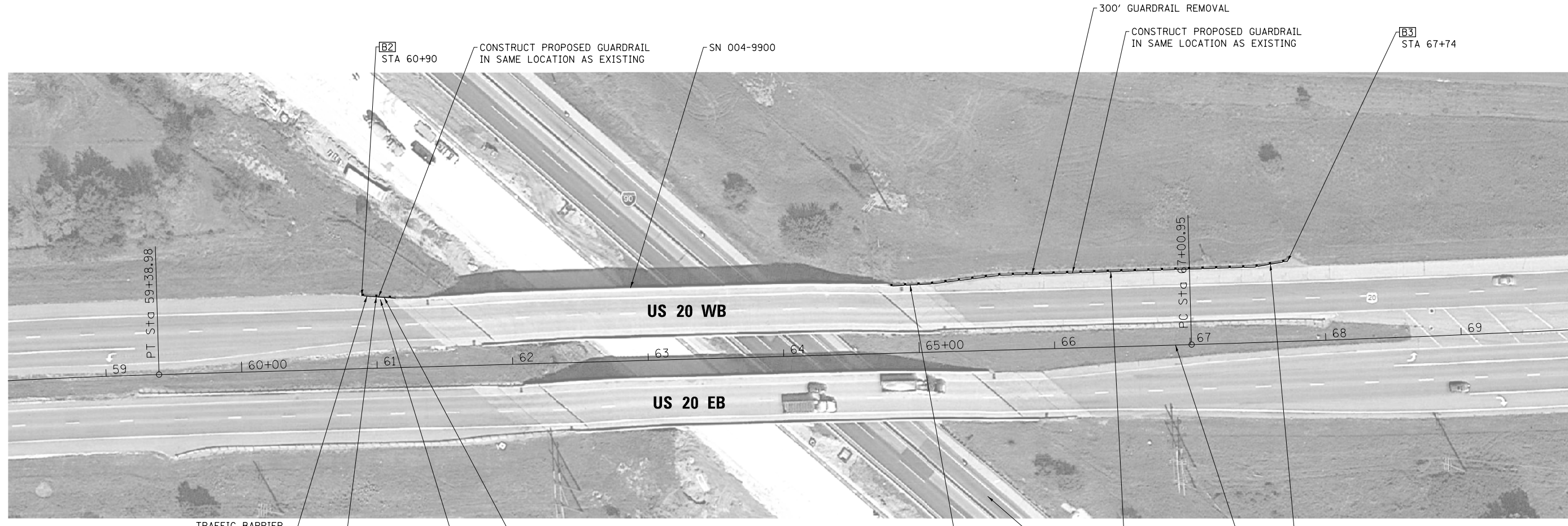
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BOONE COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 22 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	34
	• FAP 301 & 525		CONTRACT NO. 64L96	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		





**LOCATIONS 2 & 3**  
**SN 004-9900 AT I-90**

PRINT DRIVER = L:\04-ESCA\04169  
 SCALE NAME = PLAN  
 FILE NAME = 04169-004-9900-23.dwg



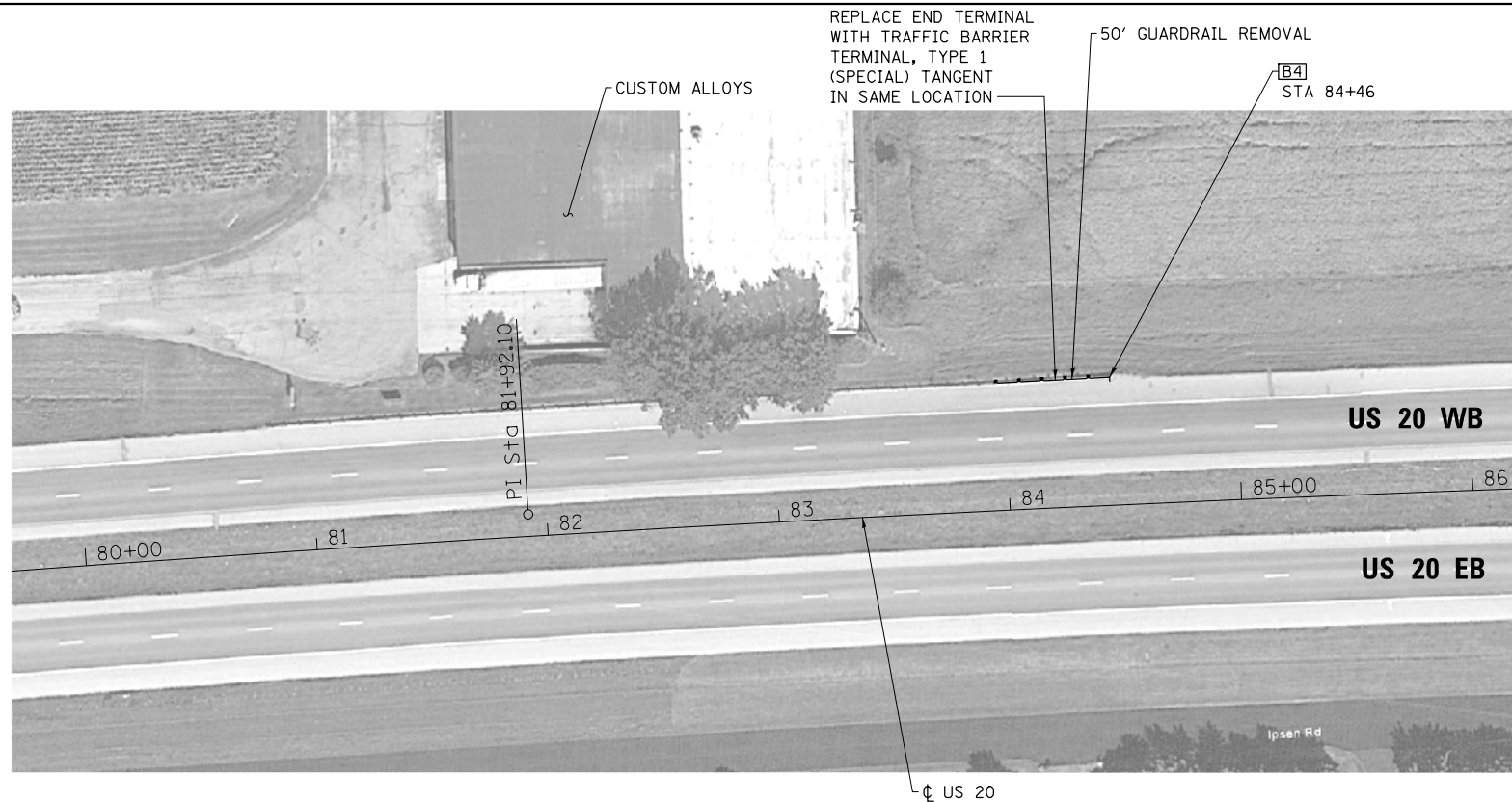
USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:55:10 AM	DATE - 11/16	REVISED -

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

**BOONE COUNTY PLAN VIEWS**

SCALE: NONE    SHEET NO. 23 OF 24 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	35
•	FAP 301 & 525	ILLINOIS	CONTRACT NO. 64L96	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**LOCATION 4  
AT CUSTOM ALLOYS**



**LOCATIONS 5 & 6  
SN 004-0006 AT APPLETON ROAD**

PRINT DRIVER = L:\05-2016\1140-08\1140-08.dwg  
 PLOT DATE = 12/12/2016 10:56:44 AM  
 PLOT SCALE = 0.1667 / 1" = 1/6"



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140-08	DRAWN - KAH	REVISED -
PLOT SCALE = 0.1667 / 1" = 1/6"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:56:44 AM	DATE - 11/16	REVISED -

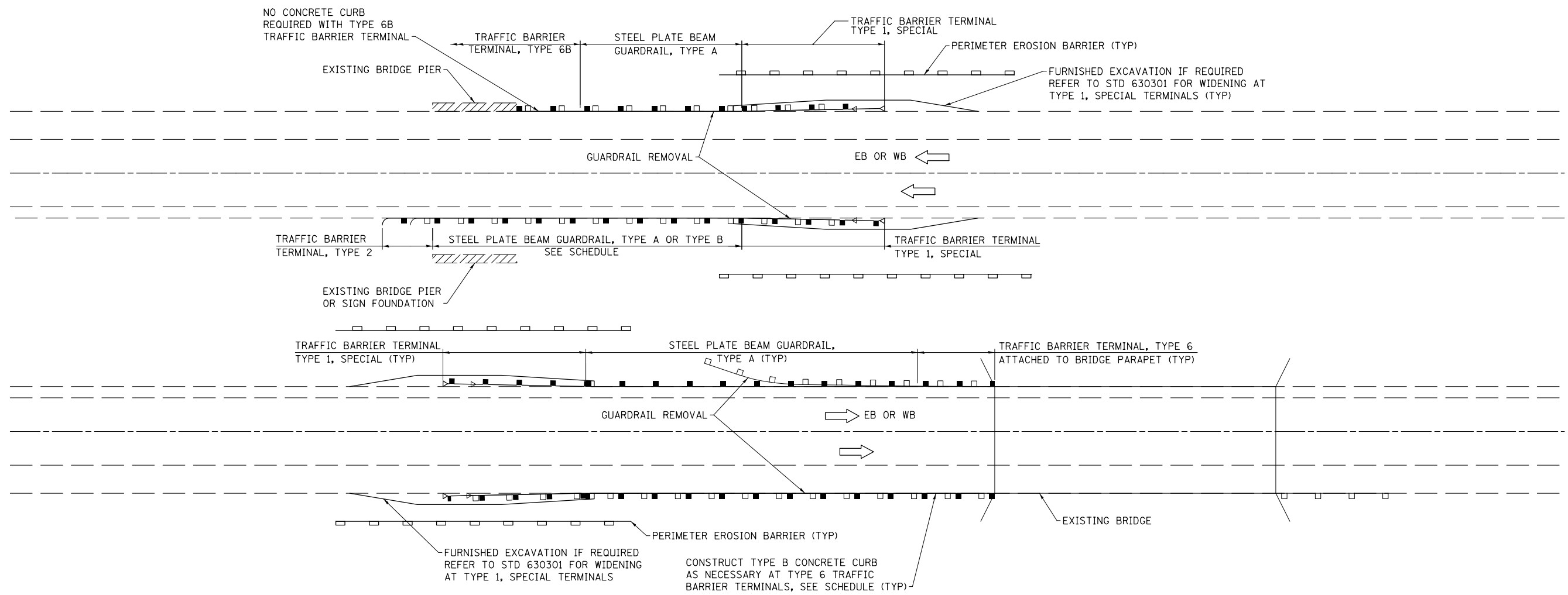
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BOONE COUNTY PLAN VIEWS**

SCALE: NONE SHEET NO. 24 OF 24 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D2-J 2017-1	VARIOUS	40	36
	FAP 301 & 525			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 64L96





**TYPICAL APPLICATION OF GUARDRAIL AT STRUCTURES**

PRINT DRIVER = L:\0-6-2016\10-16-16\10-16-16.dwg  
 PLOT SCALE = 1/8" = 1'-0"  
 PLOT DATE = 12/12/2016 10:18:15 AM



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KJA	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:18:15 AM	DATE - 10/16	REVISED -

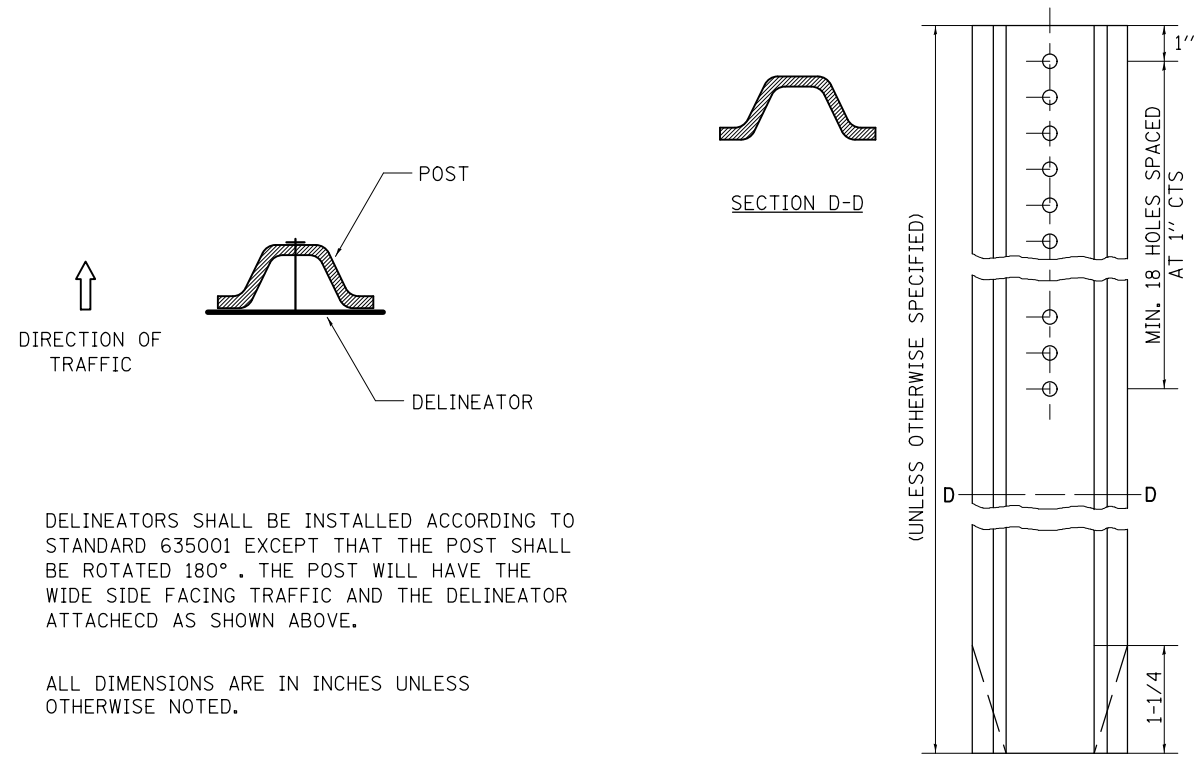
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D2-J 2017-1	VARIOUS	40	37
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT AID		

# DELINEATOR AND POST ORIENTATION



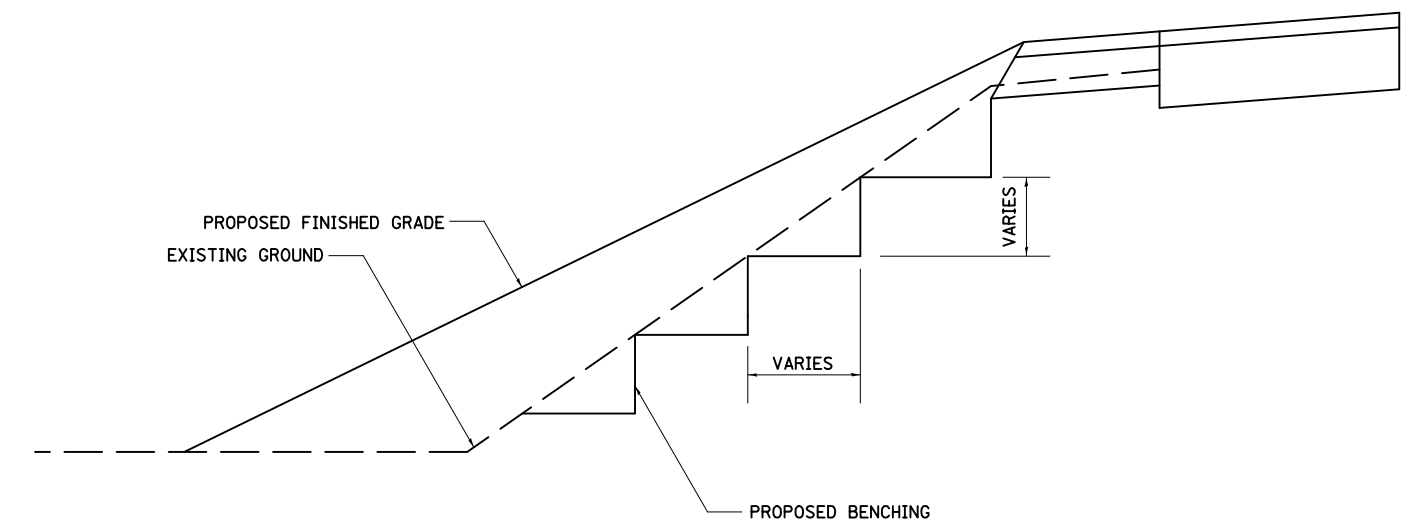
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

**DELINEATOR AND POST ORIENTATION 37.4**

# TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

**TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4**

PRINT DRIVER = L:\ESB\Bates\p  
 USER NAME = PJL  
 PLOT DATE = 12/12/2016 10:57:25 AM



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 1140.08	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / 1" =	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:57:25 AM	DATE - 11/16	REVISED -

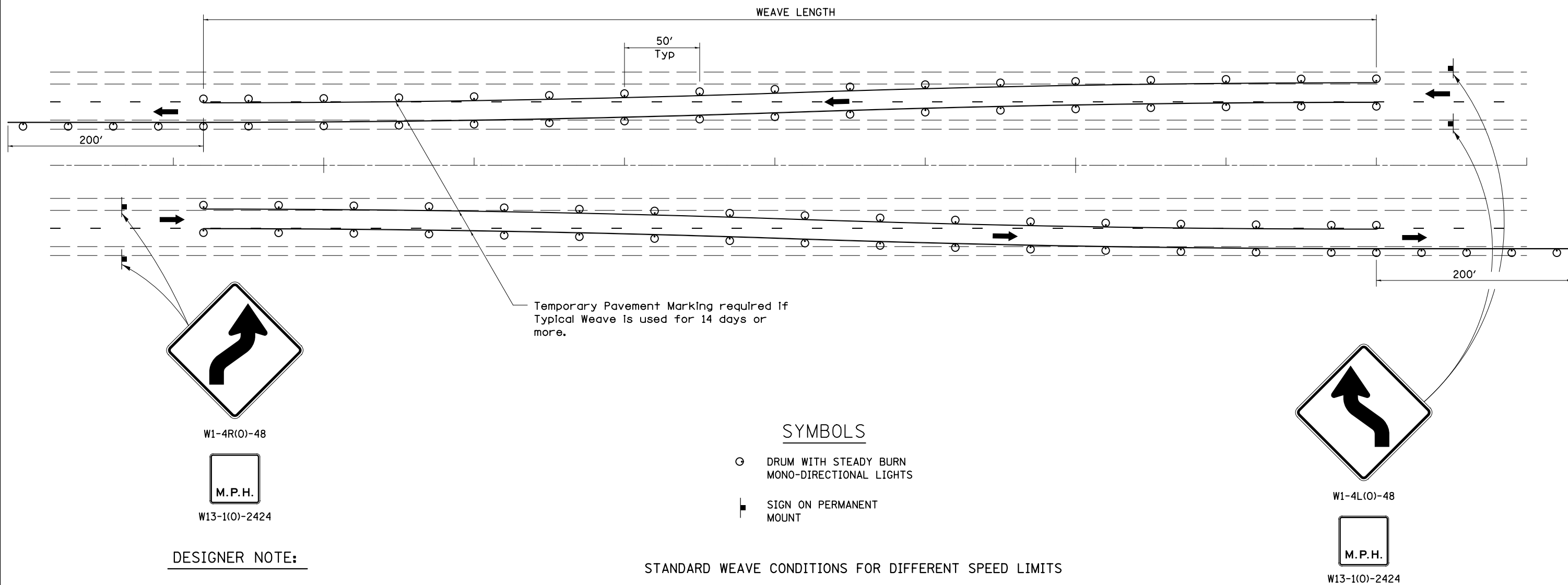
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REGION 2 / DISTRICT 2 STANDARDS**

SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D2-J 2017-1	VARIOUS	40	38
• FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT AID		

# TRAFFIC CONTROL TYPICAL WEAWE



## SYMBOLS

- DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHTS
- SIGN ON PERMANENT MOUNT

### DESIGNER NOTE:

1. USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.
2. USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.
3. TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAWE IS USED FOR 14 DAYS OR MORE.
4. TRAFFIC CONTROL TYPICAL WEAWE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

### STANDARD WEAWE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	ADVISORY SPEED LIMIT	WEAVE LENGTH
65 MPH OR GREATER	45 MPH	780 FT.
55 MPH	35 MPH	660 FT.
45 MPH	25 MPH	540 FT.

ALL DIMENSIONS ARE IN INCHES  
UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL TYPICAL WEAWE 39.1

PRINT DRIVER = L:\E-Building\9  
 USER NAME = JKL  
 PLOT DATE = 12/12/2016 10:57:58 AM



USER NAME = kjk	DESIGNED - ELH	REVISED -
ESCA PROJECT NO. 114008	DRAWN - KJK	REVISED -
PLOT SCALE = 0.1667' / 1" = 1/6"	CHECKED - RDP	REVISED -
PLOT DATE = 12/12/2016 10:57:58 AM	DATE - 11/16	REVISED -

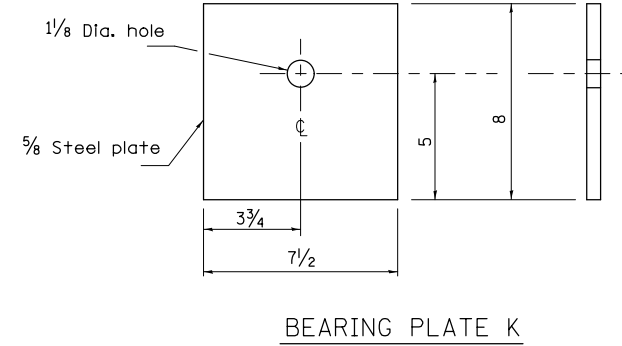
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

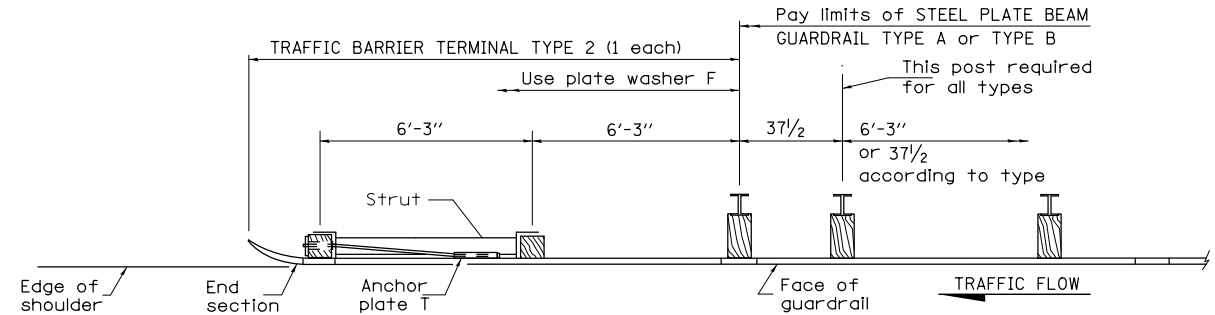
SCALE: NONE SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D2-J 2017-1	VARIOUS	40	39
* FAP 301 & 525		CONTRACT NO. 64L96		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT AID		

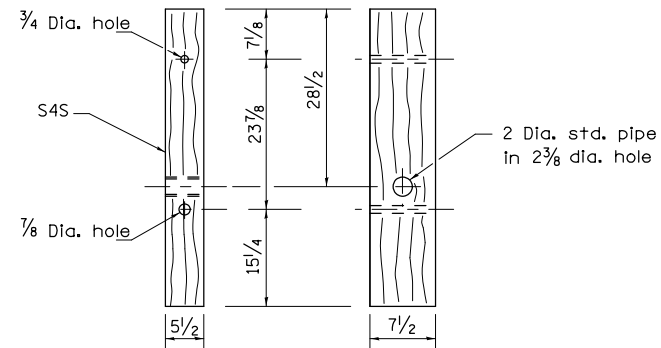
# TRAFFIC BARRIER TERMINAL, TYPE 2 (27" HEIGHT)



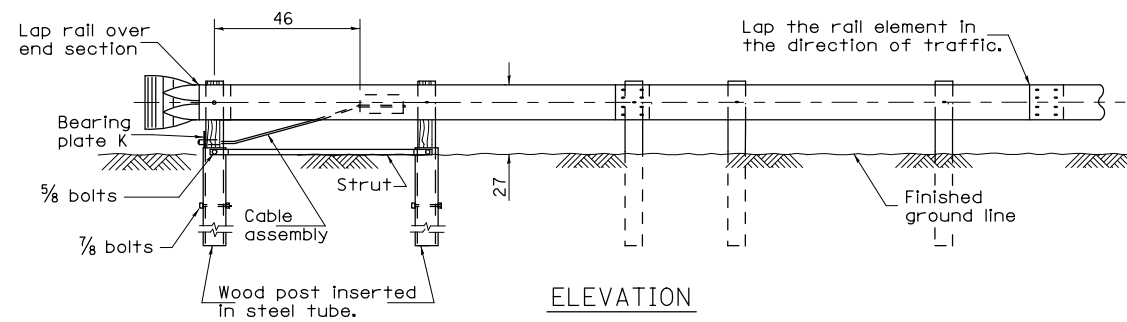
BEARING PLATE K



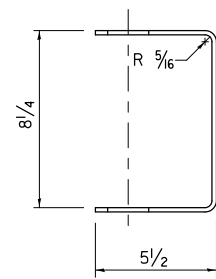
PLAN



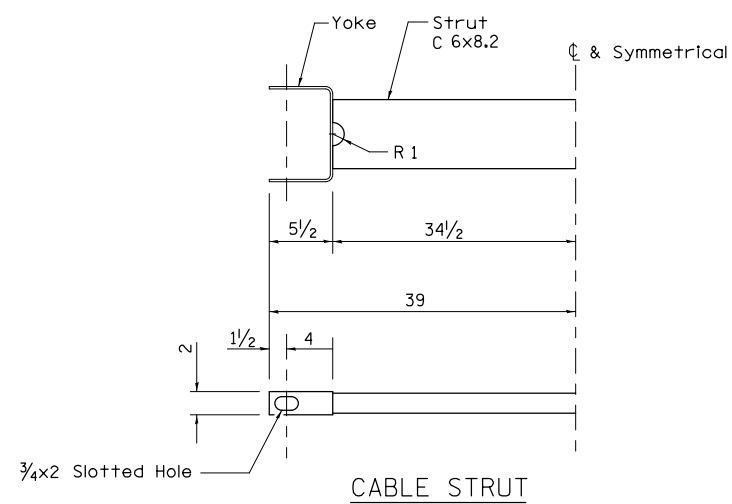
WOOD POST



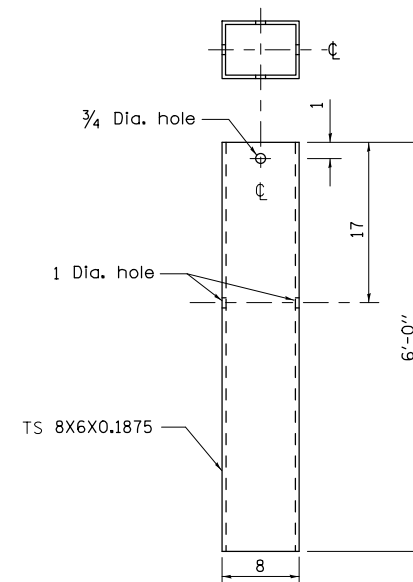
ELEVATION



YOKE  
3/16 thick steel



CABLE STRUT



STEEL TUBE

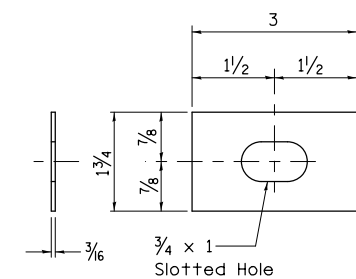


PLATE WASHER F

## GENERAL NOTES

See Standard 630001 for details of guardrail not shown.

The bearing plate K shall be held in position by (2) two eight penny nails driven into the post and bent over the top of the plate.

All dimensions are in inches unless otherwise shown.

REVISED - 10-18-11

TRAFFIC BARRIER TERMINAL, TYPE 2 (27" HEIGHT) 54.1

PRINT DRIVER = L:\0-EB\Bates\9  
SCALE NAME = ESCA\96-ans\coman\B1.dgn



USER NAME = kjk  
ESCA PROJECT NO. 1140.08  
PLOT SCALE = 0.1667' / in.  
PLOT DATE = 12/12/2016

DESIGNED - ELH  
DRAWN - KJA  
CHECKED - RDP  
DATE - 10/16

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: NONE SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D2-J 2017-1	VARIOUS	40	40
FAP 301 & 525			CONTRACT NO. 64L96	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				