

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	-	11	50	--
(YELLOW)	-	20	5	--
(GREEN)	-	12	45	--
PERMISSIVE ARROW	-	10	10	--
PED. SIGNAL	-	20	100	--
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
PTZ VIDEO SYSTEM	1	115	100	115.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	-	-	--
TOTAL =				240.0

ENERGY COSTS TO:  
 VILLAGE OF ROMEOVILLE  
 1050 W ROMEO ROAD  
 ROMEOVILLE, ILLINOIS 60446  
 ENERGY SUPPLY: CONTACT: JOE LEPE  
 PHONE: (815) 724-5569  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: 231-51-45014

**KNIGHT**  
 Engineers & Architects

DESIGNED GR	REVISED -
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DATE 08/04/17	REVISED -

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

**TRAFFIC SIGNAL CABLE PLAN**  
**WEBER ROAD AND I-55 NORTHBOUND RAMPS**

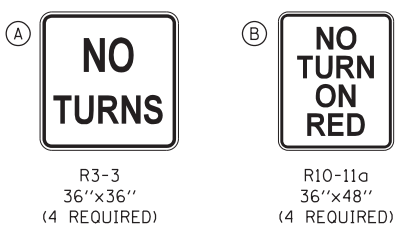
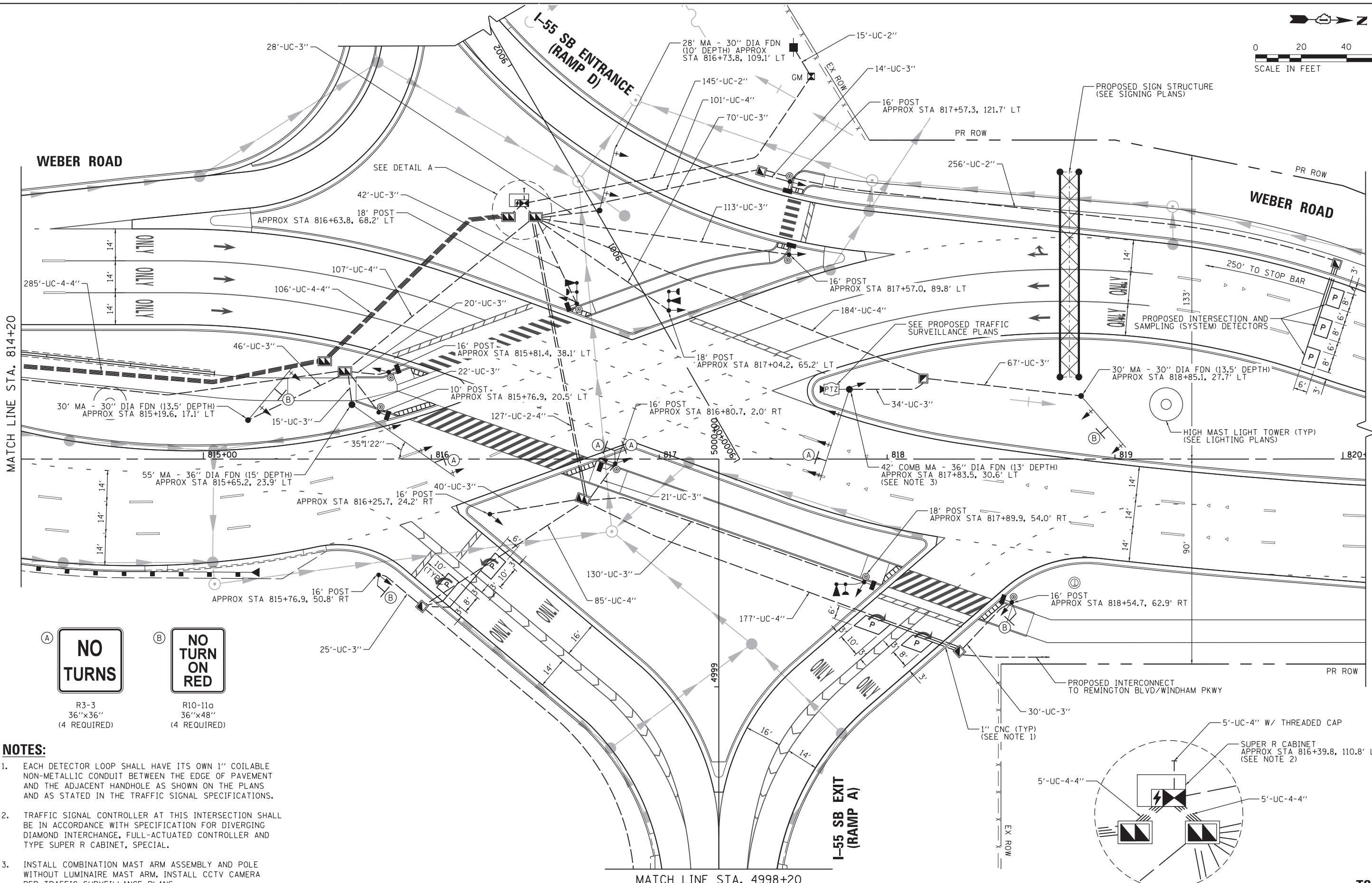
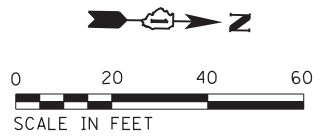
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	801
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

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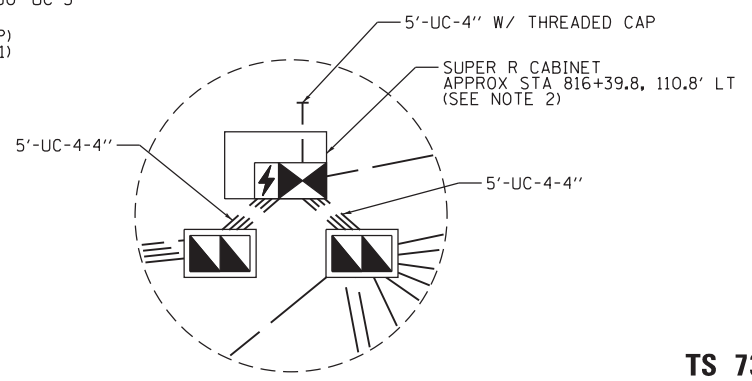
**CABLE PLAN**  
 (NOT TO SCALE)

**TS 7349**  
**ECON 132**

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



- NOTES:**
- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
  - TRAFFIC SIGNAL CONTROLLER AT THIS INTERSECTION SHALL BE IN ACCORDANCE WITH SPECIFICATION FOR DIVERGING DIAMOND INTERCHANGE, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET, SPECIAL.
  - INSTALL COMBINATION MAST ARM ASSEMBLY AND POLE WITHOUT LUMINAIRE MAST ARM. INSTALL CCTV CAMERA PER TRAFFIC SURVEILLANCE PLANS.



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**KNIGHT**  
Engineers & Architects

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PLOT DATE = 6/8/2017	CHECKED MJM	REVISED -
	DATE 06/16/17	REVISED -

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

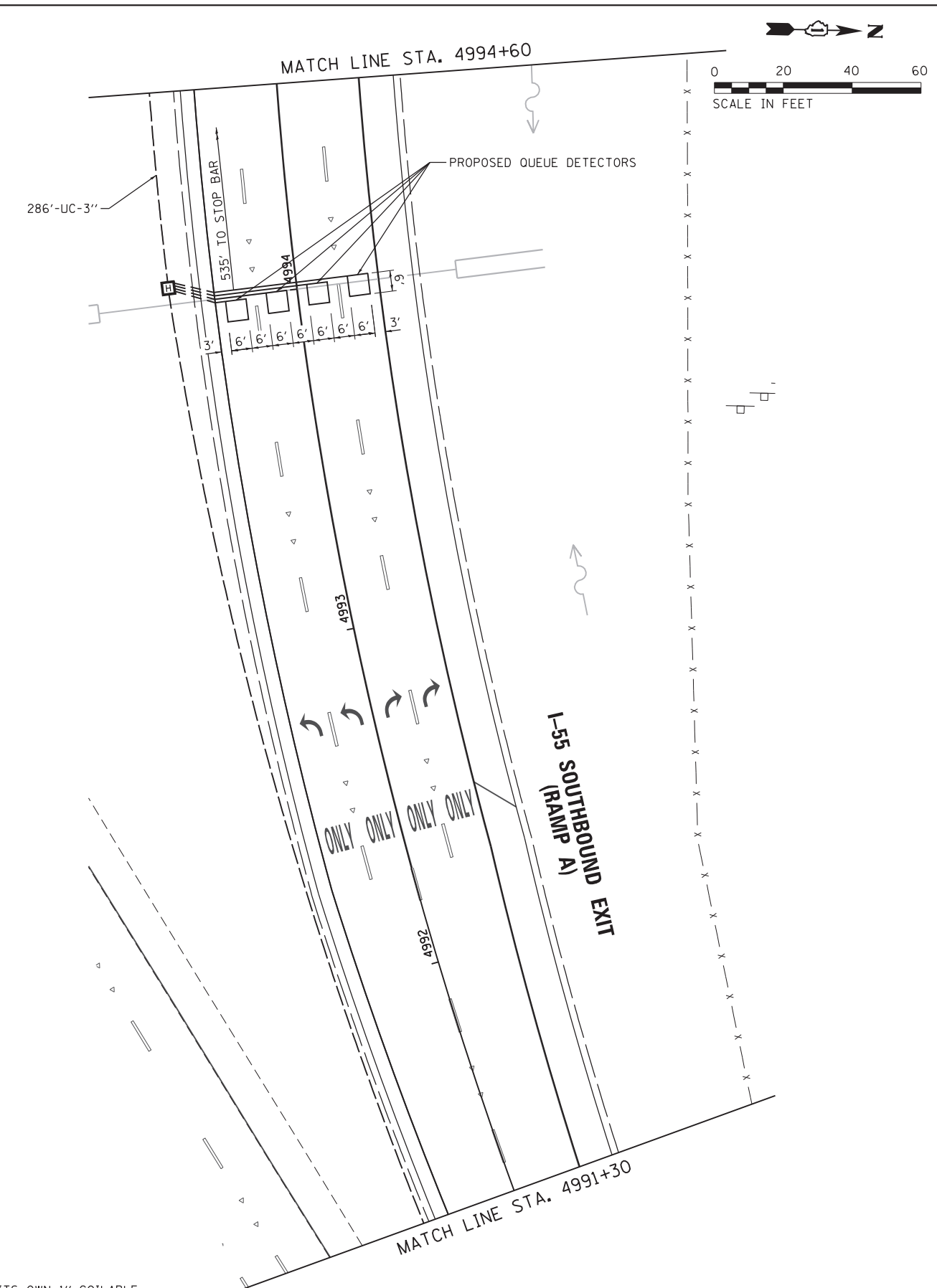
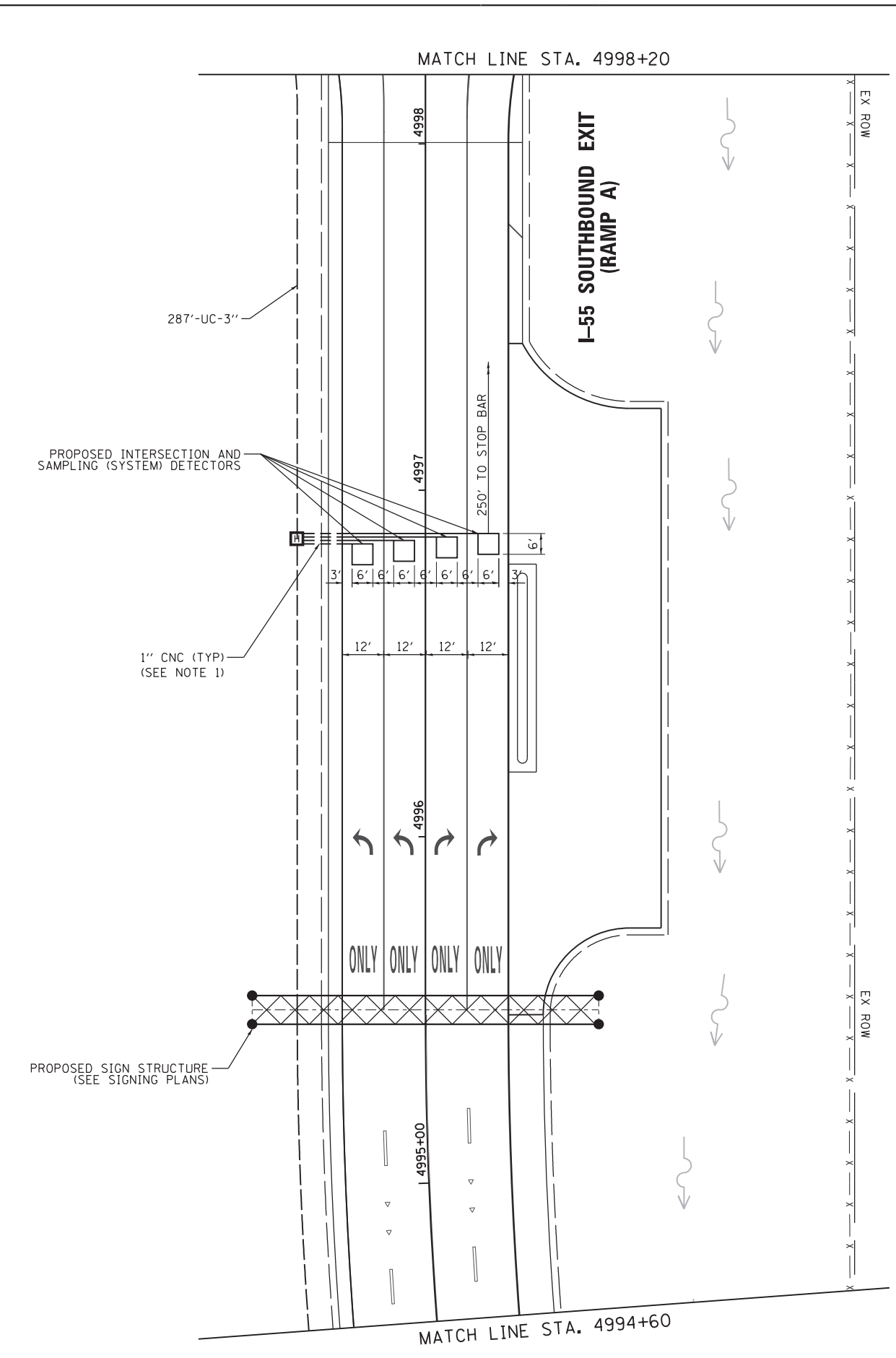
**TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 3)**  
**WEBER ROAD AND I-55 SOUTHBOUND RAMP**

F.A./P R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	802
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**TS 7349**  
**ECON 132**

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

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- NOTES:**
1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

**KNIGHT**  
Engineers & Architects

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PLOT DATE = 6/8/2017	DATE 06/16/17	REVISED -

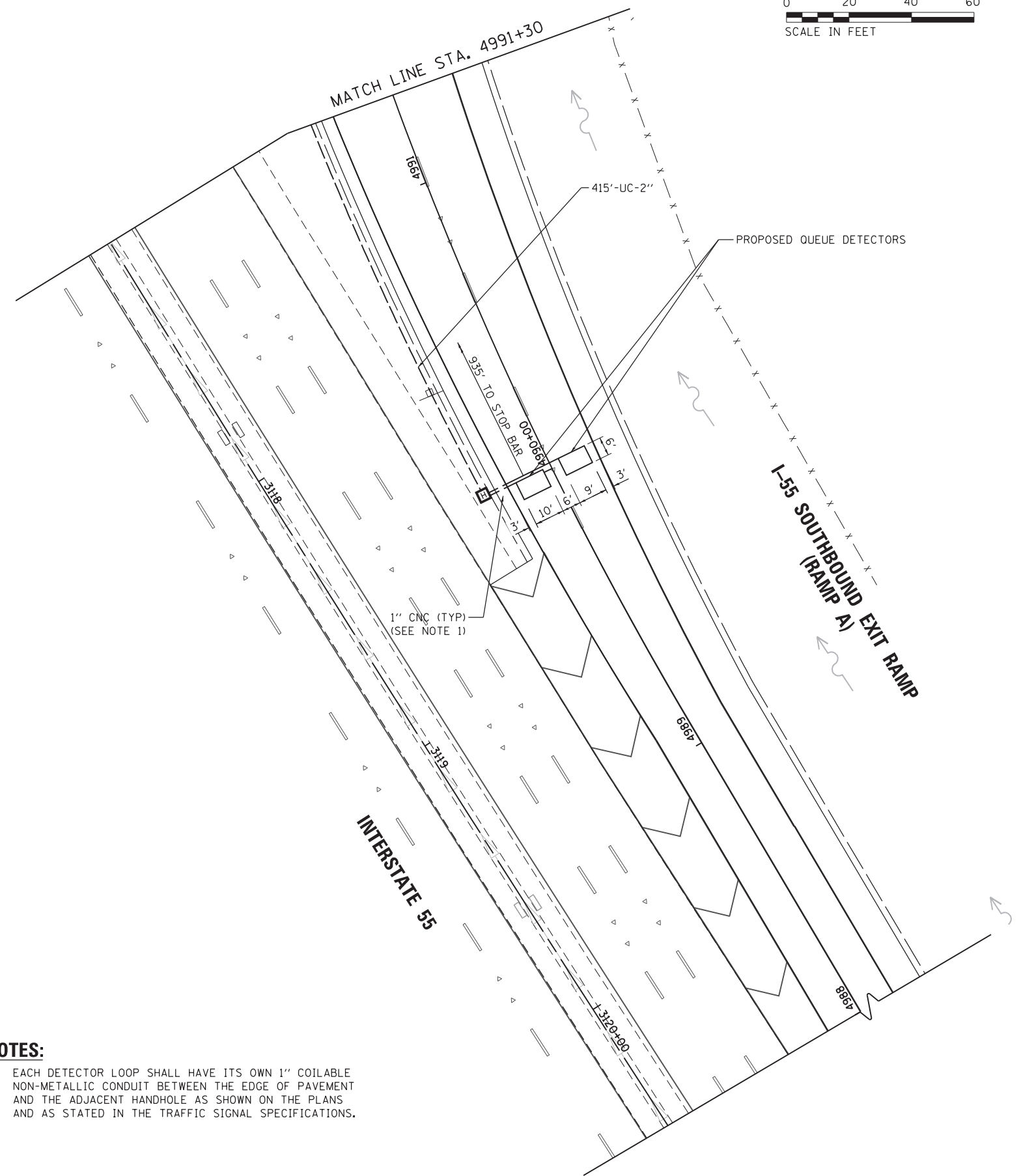
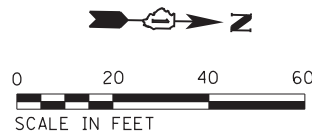
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 3)**  
**WEBER ROAD AND I-55 SOUTHBOUND RAMPS**

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

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	803
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**TS 7349**  
**ECON 132**



**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

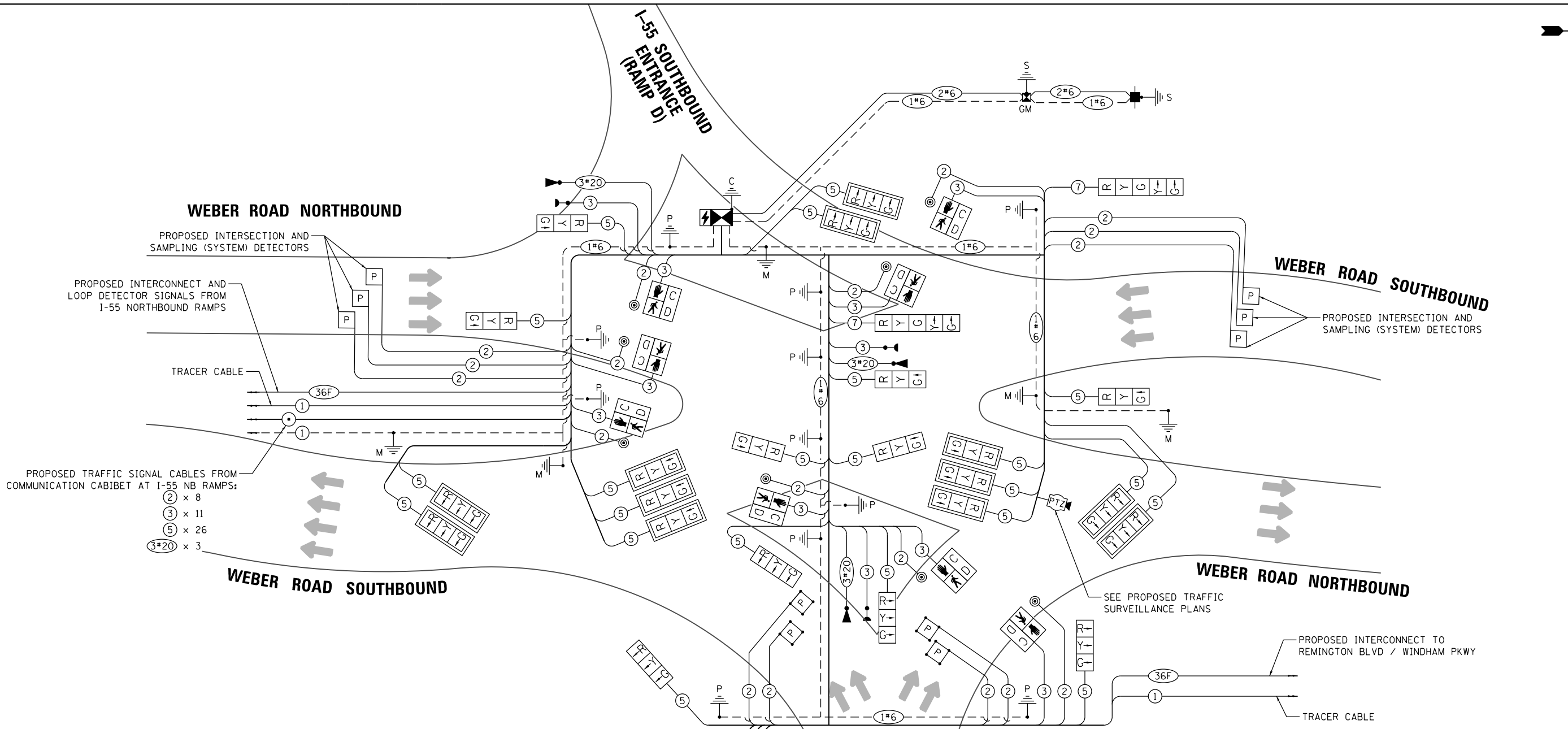
**TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 3 OF 3)  
WEBER ROAD AND I-55 SOUTHBOUND RAMPS**

SCALE: AS SHOWN | SHEET NO. OF SHEETS | STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	804
CONTRACT NO. 60X10				
* FAI 55, FAP 856   ILLINOIS FED. AID PROJECT				

**TS 7349  
ECON 132**





**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	49	11	50	269.5
(YELLOW)	49	20	5	49.0
(GREEN)	49	12	45	264.6
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	16	20	100	320.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
PTZ VIDEO SYSTEM	1	115	100	115.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	-	-	--
TOTAL =				1147.1

ENERGY COSTS TO:  
 VILLAGE OF ROMEOVILLE  
 1050 W ROMEO ROAD  
 ROMEOVILLE, ILLINOIS 60446  
 ENERGY SUPPLY: CONTACT: JOE LEPE  
 PHONE: (815) 724-5569  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: 267-50-80012

I-55 SOUTHBOUND EXIT (RAMP A)

**CABLE PLAN**  
(NOT TO SCALE)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN  
WEBER ROAD AND I-55 SOUTHBOUND RAMPS

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

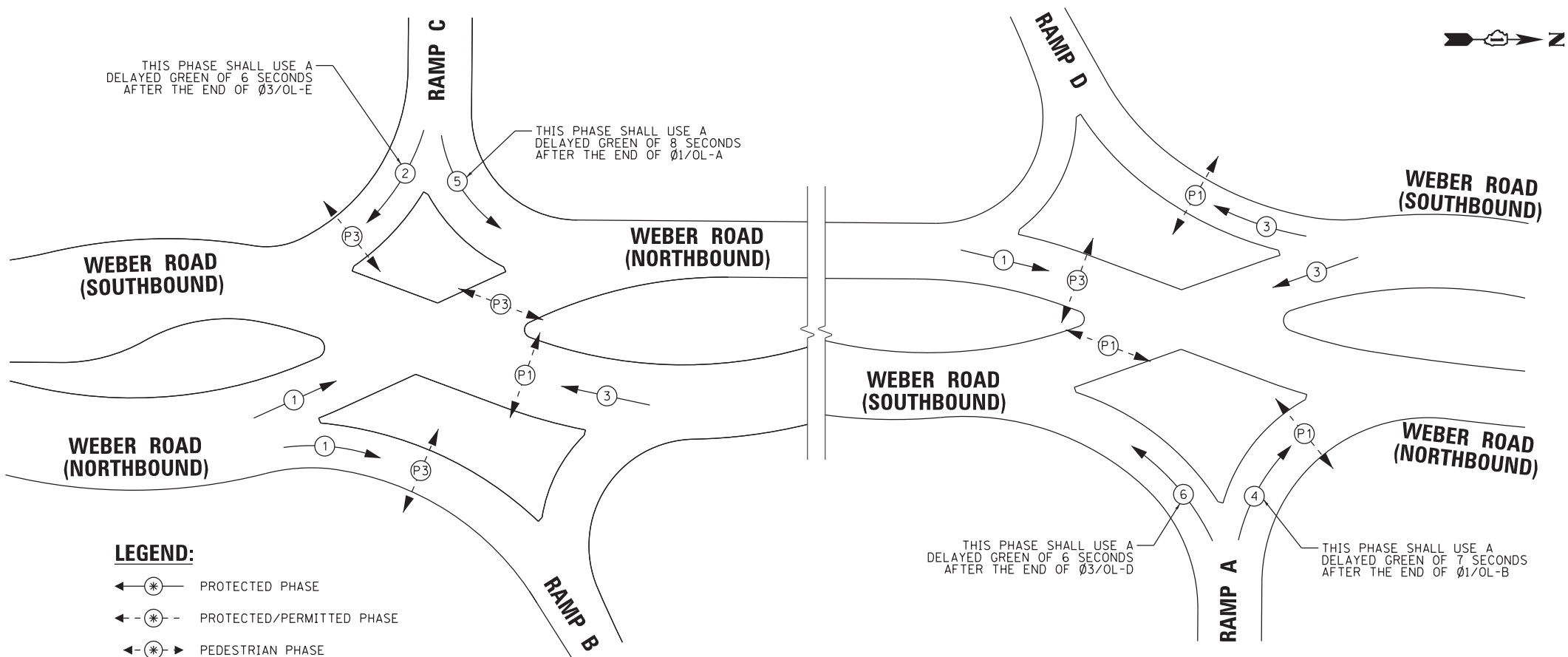
TS 7349  
ECON 132

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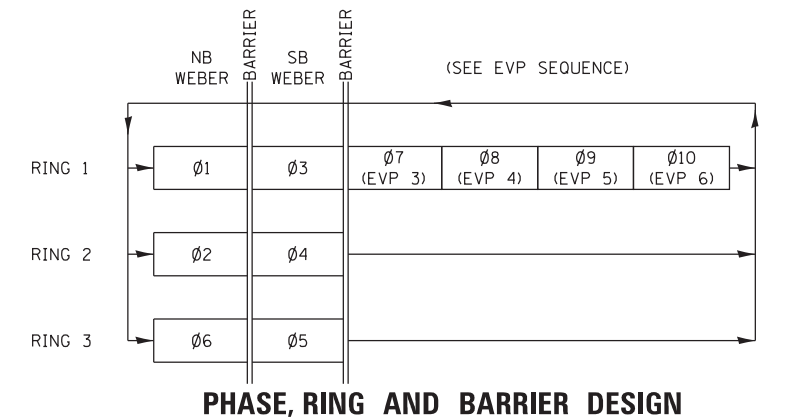
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.



**LEGEND:**

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

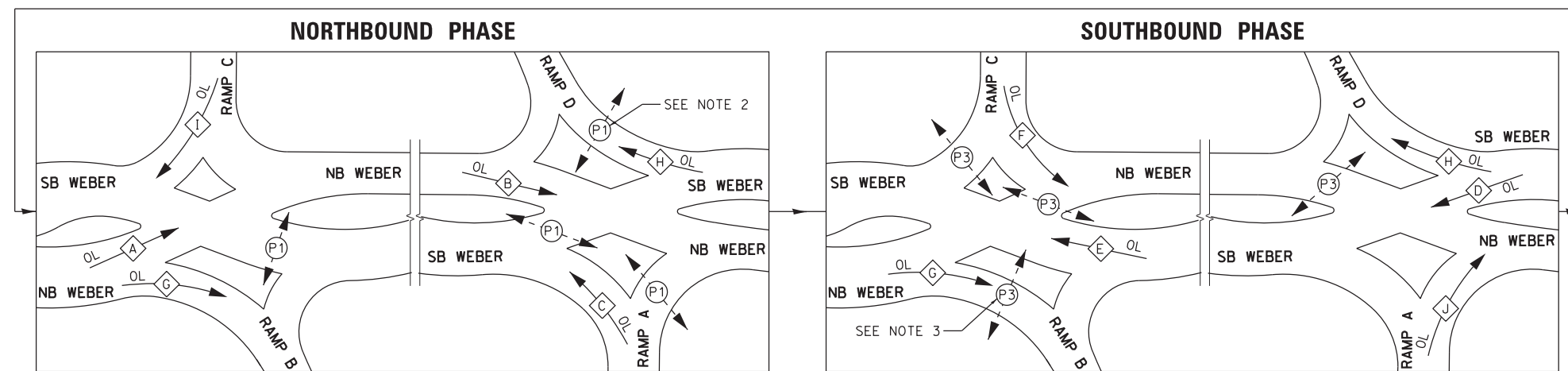
**PHASE DESIGNATION DIAGRAM**



**PHASE, RING AND BARRIER DESIGN**

TRAFFIC MOVEMENT	$\phi$ NUMBER	OVERLAP	NOTES
WEBER NB AT RAMPS B & C	$\phi 1+\phi 7$	A	EVP 3 ( $\phi 7$ )
WEBER NB AT RAMPS A & D	$\phi 1+\phi 7+\phi 9$	B	EVP 3 & 5 ( $\phi 7$ & $\phi 9$ )
RAMP A WB LT	$\phi 6+\phi 10$	C	EVP 6 ( $\phi 10$ ) DELAYED GREEN
WEBER SB AT RAMPS A & D	$\phi 3+\phi 8$	D	EVP 4 ( $\phi 8$ )
WEBER SB AT RAMPS B & C	$\phi 3+\phi 8+\phi 10$	E	EVP 4 & 6 ( $\phi 8$ & $\phi 10$ )
RAMP C EB LT	$\phi 5+\phi 9$	F	EVP 5 ( $\phi 9$ ) DELAYED GREEN
WEBER NB RT AT RAMP B	$\phi 1+\phi 3+\phi 7$	G	EVP 3 ( $\phi 7$ ) PED PROTECT, NOTE 3
WEBER SB RT AT RAMP D	$\phi 1+\phi 3+\phi 8$	H	EVP 4 ( $\phi 8$ ) PED PROTECT, NOTE 2
PEDESTRIAN CROSSING RAMP C	$\phi P3$		
PEDESTRIAN CROSSING RAMP A	$\phi P1$		
PEDESTRIAN CROSSING WEBER SB	$\phi P1$		
PEDESTRIAN CROSSING WEBER NB	$\phi P3$		
PEDESTRIAN CROSSING RAMP B	$\phi P3$		PED PROTECT, NOTE 3
PEDESTRIAN CROSSING RAMP D	$\phi P1$		PED PROTECT, NOTE 2
RAMP C EB RT	$\phi 2+\phi 9$	I	EVP 5 ( $\phi 9$ ) DELAYED GREEN
RAMP A WB RT	$\phi 4+\phi 10$	J	EVP 6 ( $\phi 10$ ) DELAYED GREEN

**PHASING ASSIGNMENT**



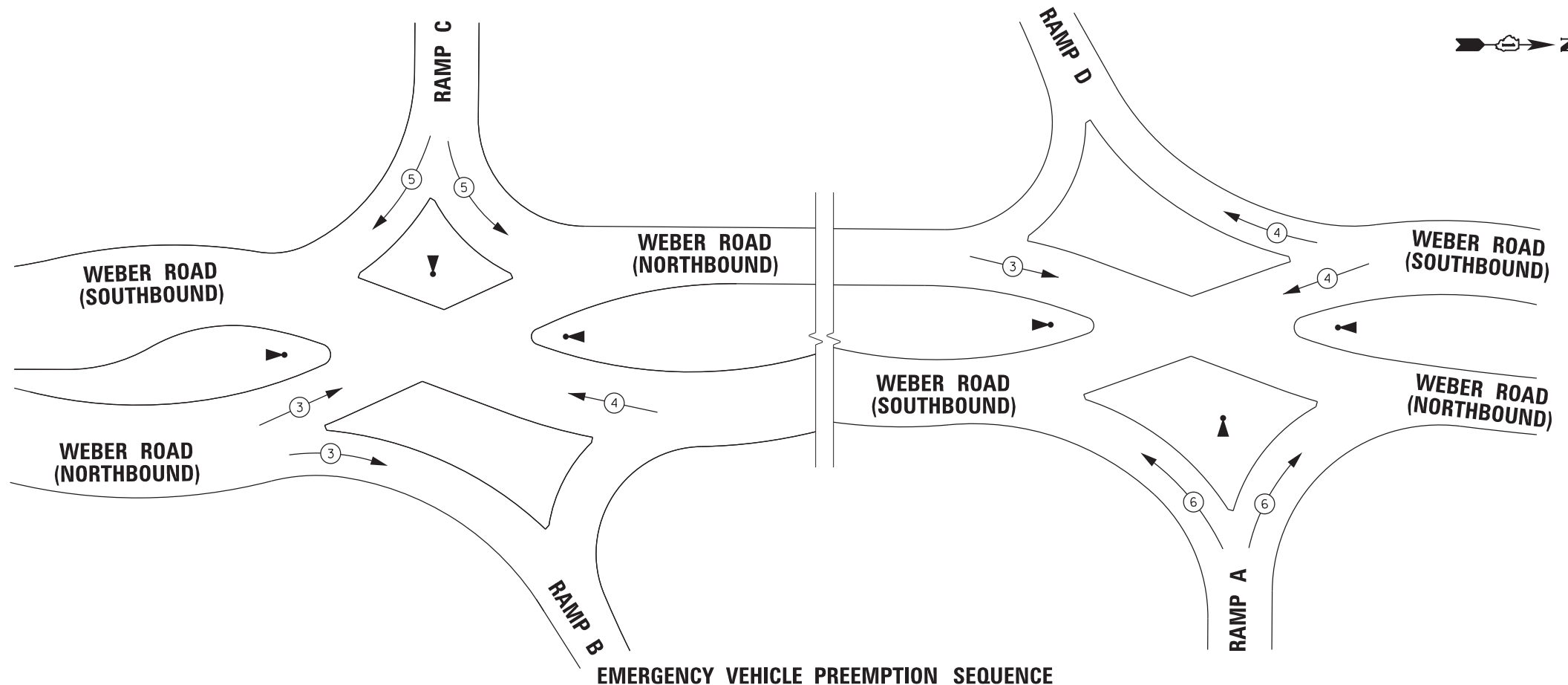
**NOTES:**

1. ALL VEHICLE SIGNAL INDICATIONS/LOAD SWITCHES FOR DIVERGING DIAMOND INTERCHANGE SHALL BE OPERATED BY CONTROLLER OVERLAPS A THROUGH J.
2. PEDESTRIAN PROTECT - RAMP D  
UPON PUSH-BUTTON ACTIVATION OF P1 PHASE AT RAMP D CROSSING, OVERLAP H SHALL NOT DISPLAY GREEN UNTIL P1 HAS TERMINATED.
3. PEDESTRIAN PROTECT - RAMP B  
UPON PUSH-BUTTON ACTIVATION OF P3 PHASE AT RAMP B CROSSING, OVERLAP G SHALL NOT DISPLAY GREEN UNTIL P3 HAS TERMINATED.

**SEQUENCE OF OPERATIONS /OVERLAP DESIGNATION**

**EMERGENCY VEHICLE PREEMPTION SEQUENCE (SEE NEXT SHEET)**

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**EMERGENCY VEHICLE PREEMPTION SEQUENCE**

PROPOSED EMERGENCY VEHICLE PREEMPTORS								
EMERGENCY VEHICLE PREEMPTORS	3 (Ø7)		4 (Ø8)		5 (Ø9)		6 (Ø10)	
INTERSECTION	RAMPS B/C	RAMPS A/D	RAMPS B/C	RAMPS A/D	RAMPS B/C	RAMPS A/D	RAMPS B/C	RAMPS A/D
MOVEMENT	← →		← →		← →		← →	

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<b>KNIGHT</b> Engineers & Architects	USER NAME = gr01	DESIGNED GR	REVISED -
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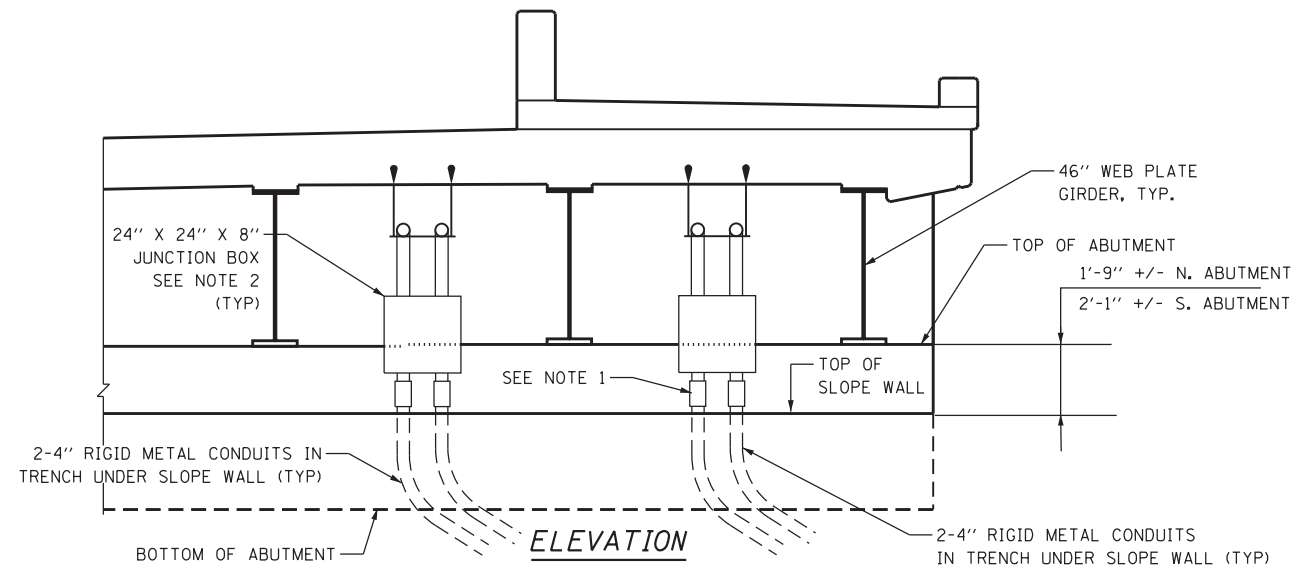
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PHASE DESIGNATION DIAGRAM**  
**AND EMERGENCY VEHICLE PREEMPTION SEQUENCE**  
**WEBER ROAD AND I-55 NORTHBOUND AND SOUTHBOUND RAMPS**

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	807
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**TS 7349**  
**ECON 132**

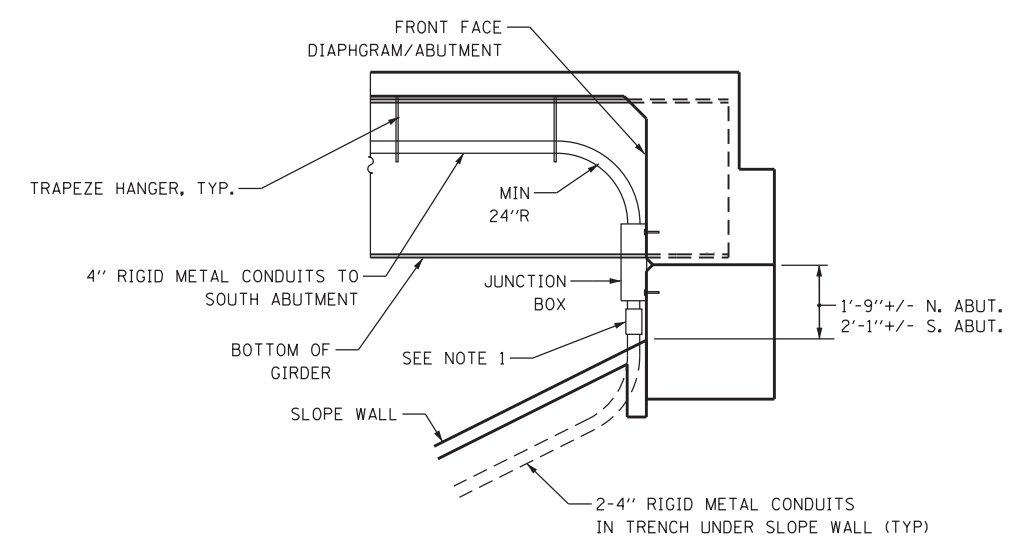
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.



**ELEVATION**

(Looking North)  
(NOT TO SCALE)

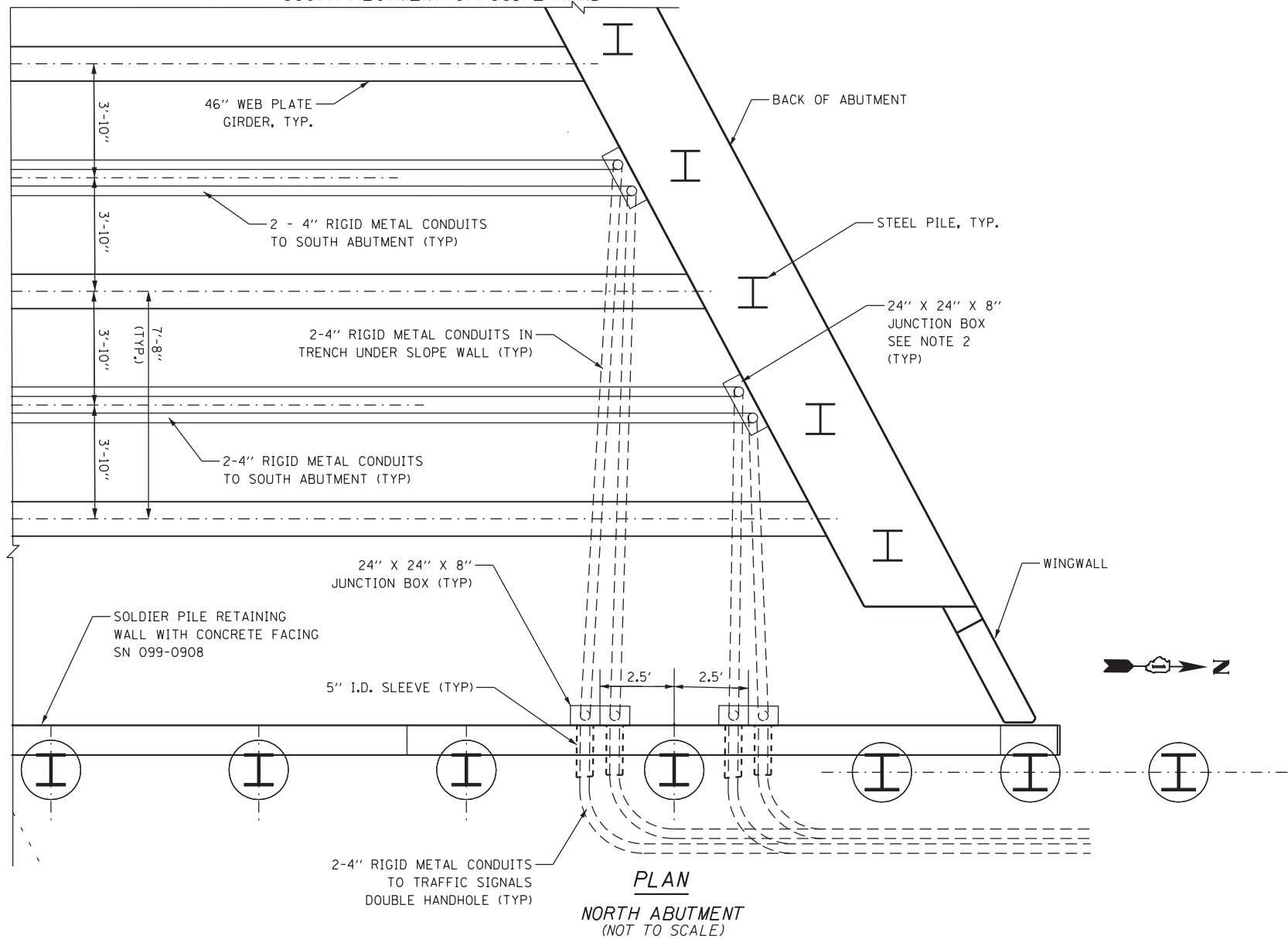
**NORTH ABUTMENT SHOWN  
SOUTH ABUTMENT OPPOSITE HAND**



**ELEVATION**

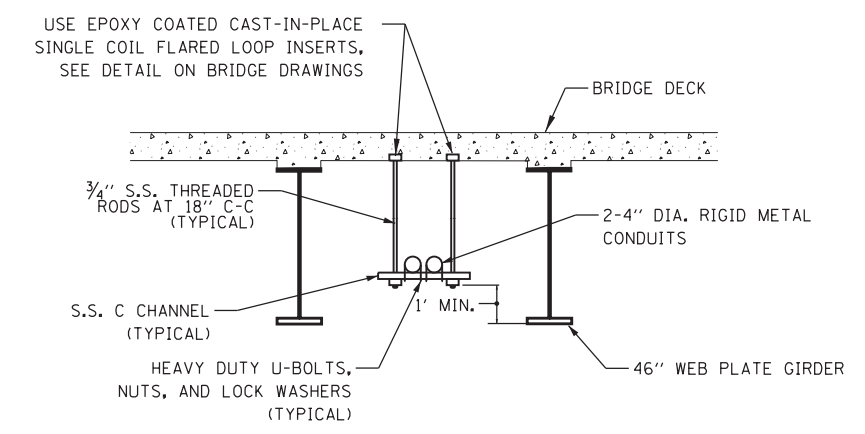
(Looking West)  
(NOT TO SCALE)

**NORTH ABUTMENT SHOWN  
SOUTH ABUTMENT OPPOSITE HAND**



**PLAN**

(NOT TO SCALE)



**TYPICAL CONDUIT SUPPORT  
ATTACHED TO BRIDGE DECK DETAIL**

(NOT TO SCALE)

**NOTES**

1. CONDUIT EXPANSION / DEFLECTION FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 811.03 OF THE STANDARD SPECIFICATIONS.
2. CENTER JUNCTION BOX BETWEEN BRIDGE GIRDERS.
3. COORDINATE LOCATION OF 5" I.D. SLEEVES WITH STRUCTURAL PLANS. CORING OF HOLE THRU CONCRETE FACING WILL NOT BE ALLOWED. COST OF SLEEVES IS INCLUDED WITH CONCRETE STRUCTURES.

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**KNIGHT**  
Engineers & Architects

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	DATE 06/16/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNALS CONDUIT ATTACHMENT TO STRUCTURE DETAIL**

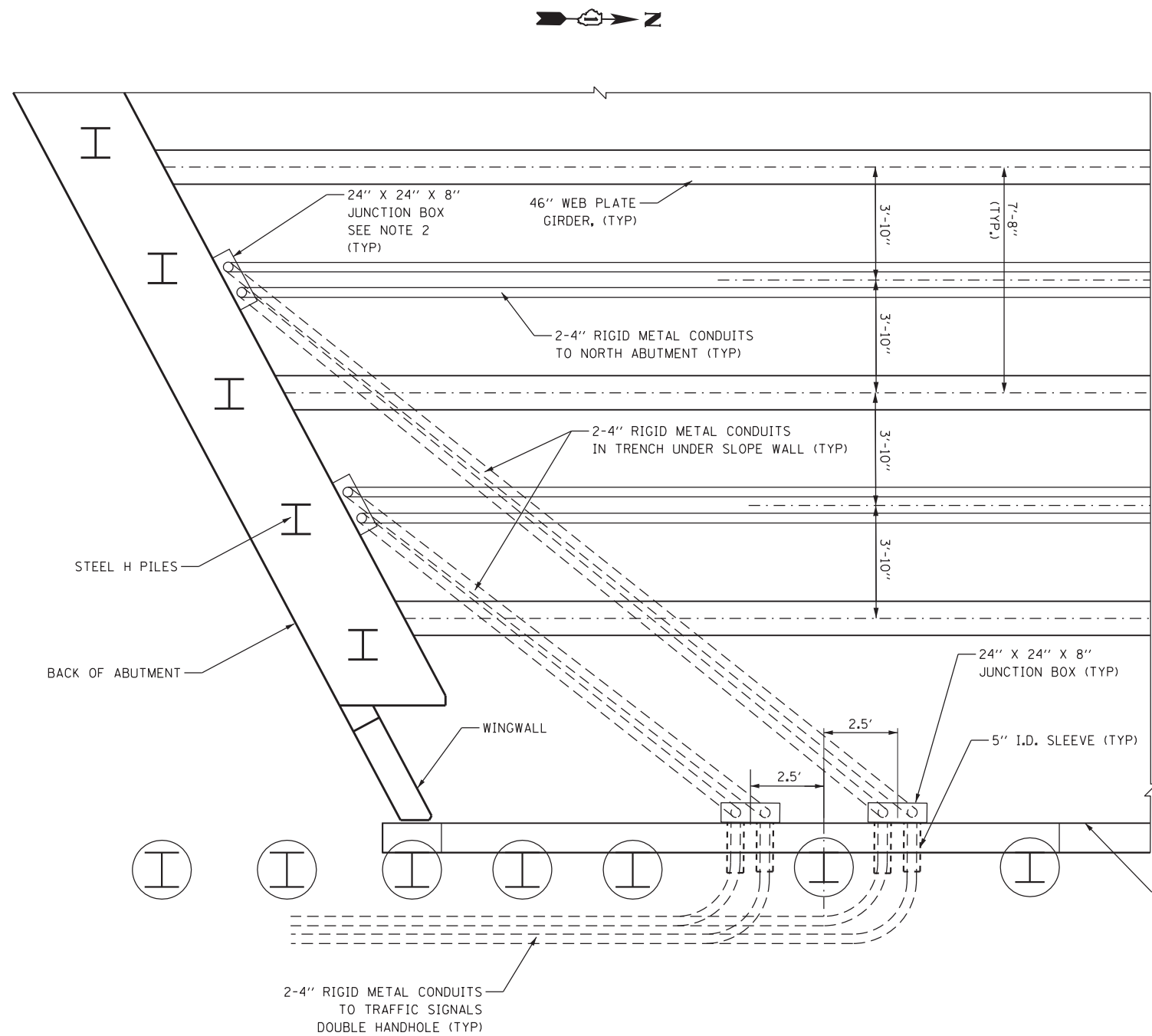
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F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

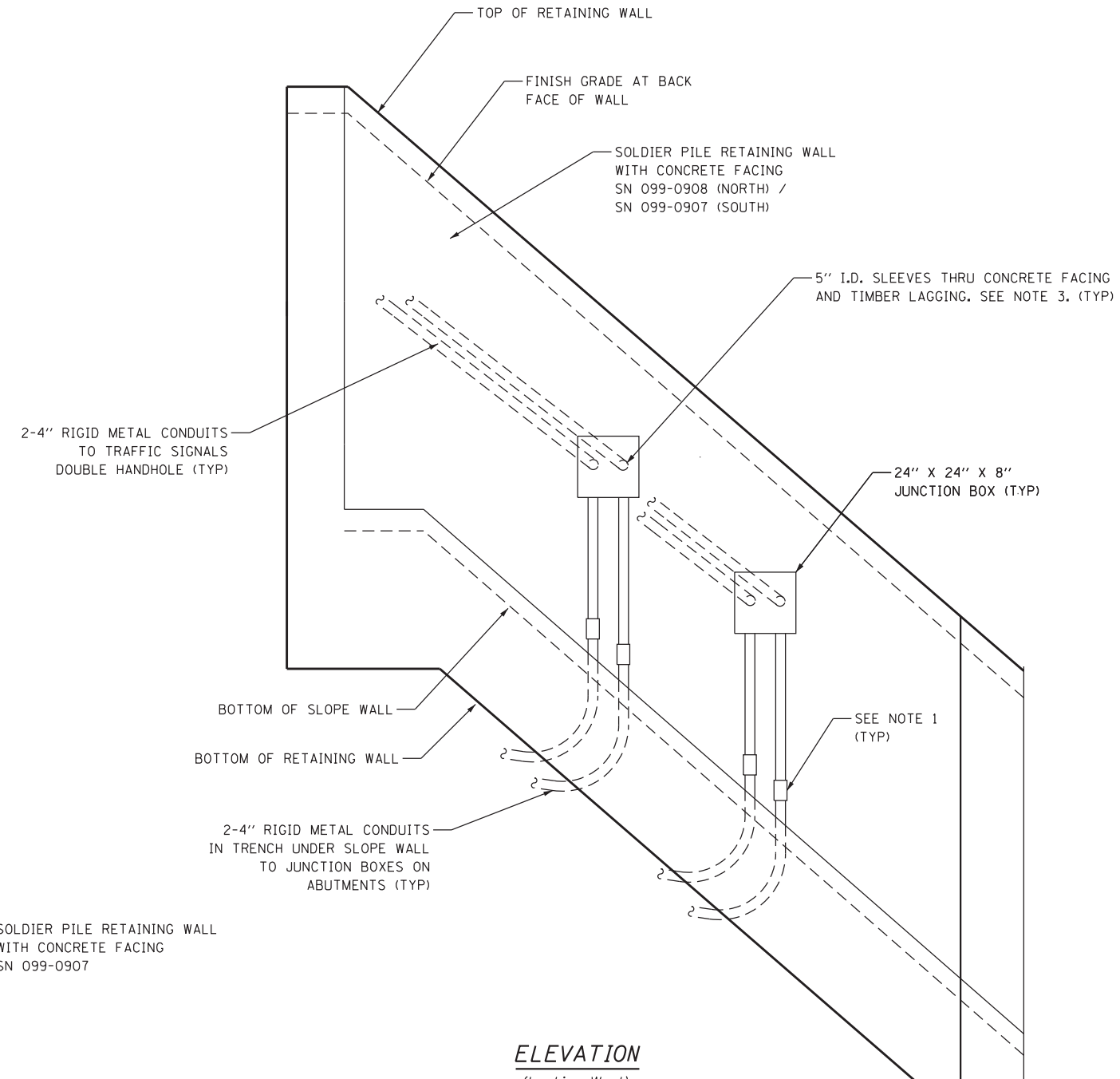


**NOTES**

1. CONDUIT EXPANSION / DEFLECTION FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH ARTICLE 811.03 OF THE STANDARD SPECIFICATIONS.
2. CENTER JUNCTION BOX BETWEEN BRIDGE PLATE GIRDERS.
3. COORDINATE LOCATION OF 5" I.D. SLEEVES WITH STRUCTURAL PLANS. CORING OF HOLE THRU CONCRETE FACING WILL NOT BE ALLOWED. COST OF SLEEVES IS INCLUDED WITH CONCRETE STRUCTURES.



**PLAN**  
SOUTH ABUTMENT  
(NOT TO SCALE)



**ELEVATION**  
(Looking West)  
(NOT TO SCALE)  
RETAINING WALL  
SN 099-0908 AT NORTH ABUTMENT SHOWN  
SN 099-0907 AT SOUTH ABUTMENT OPPOSITE HAND

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Engineers & Architects

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

**TRAFFIC SIGNALS CONDUIT ATTACHMENT TO STRUCTURE DETAIL**

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

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	809
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**WEBER ROAD AND I-55 RAMPS  
SCHEDULE OF QUANTITIES**

PAY ITEM NAME	UNIT	WEBER & I-55 NB RAMPS	WEBER & I-55 SB RAMPS	TOTAL QUANTITY
SIGN PANEL - TYPE 1	SQ FT	36	36	72
SIGN PANEL - TYPE 2	SQ FT	48	48	96
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	991	1,047	2,038
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	560	1,290	1,850
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2,658	2,517	5,175
CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL	FOOT	960		960
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 8"	EACH	4	4	8
HANDHOLE	EACH	5	6	11
HEAVY-DUTY HANDHOLE	EACH	2	3	5
DOUBLE HANDHOLE	EACH	4	5	9
TRANSCEIVER - FIBER OPTIC	EACH	1	1	2
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	11,042	1,618	12,660
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	15,210	2,164	17,374
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	36,612	5,116	41,728
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT		316	316
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	6,500	11,546	18,046
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	134	175	309
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4,445	3,561	8,006
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH		1	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	7	7	14
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	3	3	6
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1		1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH		1	1
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	2	2	4
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1		1
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH		1	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 42 FT.	EACH		1	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1		1
CONCRETE FOUNDATION, TYPE A	FOOT	44	48	92
CONCRETE FOUNDATION, TYPE C	FOOT	4	4	8
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	37	37	74
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	28	28	56
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	13	12	25
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	12	10	22
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH		2	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	8	16
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	13	12	25
INDUCTIVE LOOP DETECTOR	EACH	17	20	37
DETECTOR LOOP, TYPE I	FOOT	215	444	659
PREFORMED DETECTOR LOOP	FOOT	597	450	1,047
* LIGHT DETECTOR	EACH	3	3	6
* LIGHT DETECTOR AMPLIFIER	EACH	1	1	2
PEDESTRIAN PUSH-BUTTON	EACH	8	8	16
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	2
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	2
REMOVE EXISTING HANDHOLE	EACH	9	11	20
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	1	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7	8	15
COMMUNICATIONS CABINET AND EQUIPMENT	EACH	1		1
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	4,118	504	4,622
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1	1	2
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1	1	2
OPTIMIZE TRAFFIC SIGNAL SYSTEM (SPECIAL)	EACH		1	1
DIVERGING DIAMOND INTERCHANGE, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET, SPECIAL	EACH		1	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1	2

\* 100% COST TO THE VILLAGE OF ROMEVILLE

**TS 7349  
ECON 132**

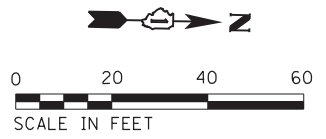
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	USER NAME = grol	DESIGNED GR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES WEBER ROAD AND I-55 NORTHBOUND AND SOUTHBOUND RAMPS</b>			F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:40	DRAWN GR	REVISED -		SCALE: AS SHOWN	SHEET NO.	OF	SHEETS	STA.	TO	STA.	* 1508
	CHECKED MJM	DATE 08/04/17	REVISED -					(99-1HB-1) R-1		WILL	CONTRACT NO. 60X10	
	PLOT DATE = 6/29/2017		REVISED -					* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN FOUR D3-1 STREET NAME SIGNS ("Weber Road" (2), "Windham Parkway" (1), "Remington Boulevard" (1)) PER IDOT DISTRICT 1 STANDARD TS-02 ON TEMPORARY TRAFFIC SIGNAL SPAN WIRES FOR THE DURATION OF THE CONTRACT. THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

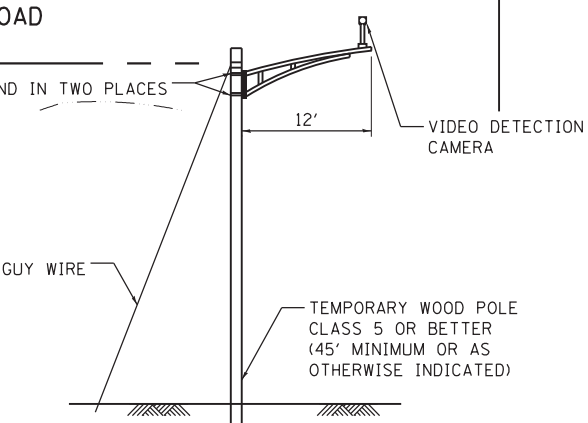
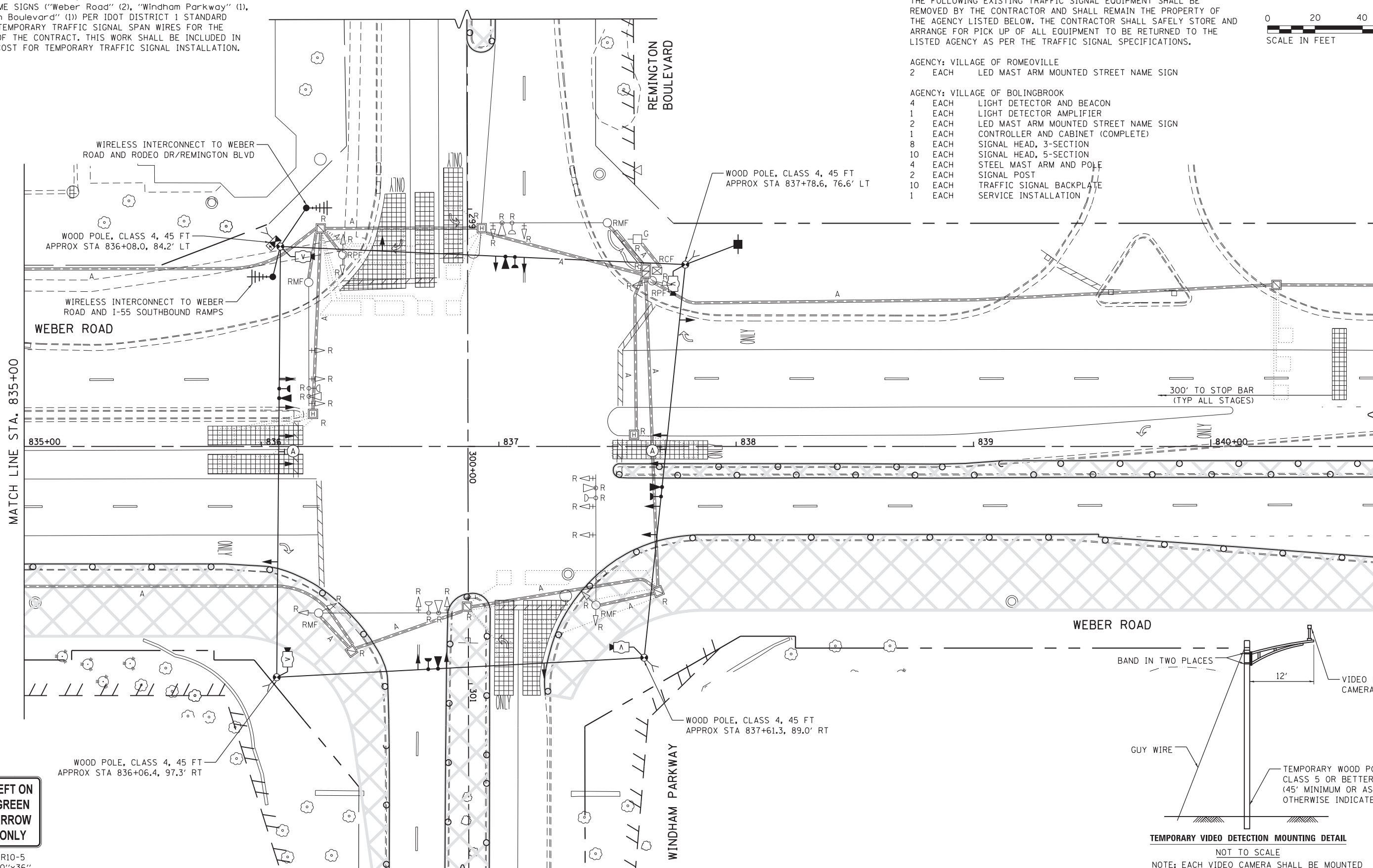
REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.



AGENCY: VILLAGE OF ROMEOVILLE  
 2 EACH LED MAST ARM MOUNTED STREET NAME SIGN

AGENCY: VILLAGE OF BOLINGBROOK  
 4 EACH LIGHT DETECTOR AND BEACON  
 1 EACH LIGHT DETECTOR AMPLIFIER  
 2 EACH LED MAST ARM MOUNTED STREET NAME SIGN  
 1 EACH CONTROLLER AND CABINET (COMPLETE)  
 8 EACH SIGNAL HEAD, 3-SECTION  
 10 EACH SIGNAL HEAD, 5-SECTION  
 4 EACH STEEL MAST ARM AND POLE  
 2 EACH SIGNAL POST  
 10 EACH TRAFFIC SIGNAL BACKPLATE  
 1 EACH SERVICE INSTALLATION



**TEMPORARY VIDEO DETECTION MOUNTING DETAIL**  
 NOT TO SCALE  
 NOTE: EACH VIDEO CAMERA SHALL BE MOUNTED ON A 12' ALUMINUM MAST ARM OR WOOD POLE AS INDICATED ABOVE. THIS WORK WILL BE INCLUDED IN THE COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

**LEFT ON GREEN ARROW ONLY**

R10-5  
 30"x36"  
 (2 REQUIRED)  
 (INCLUDED IN THE UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)

FILE NAME = D:\60X10-eh-t-150400.dgn

**KNIGHT**  
 Engineers & Architects

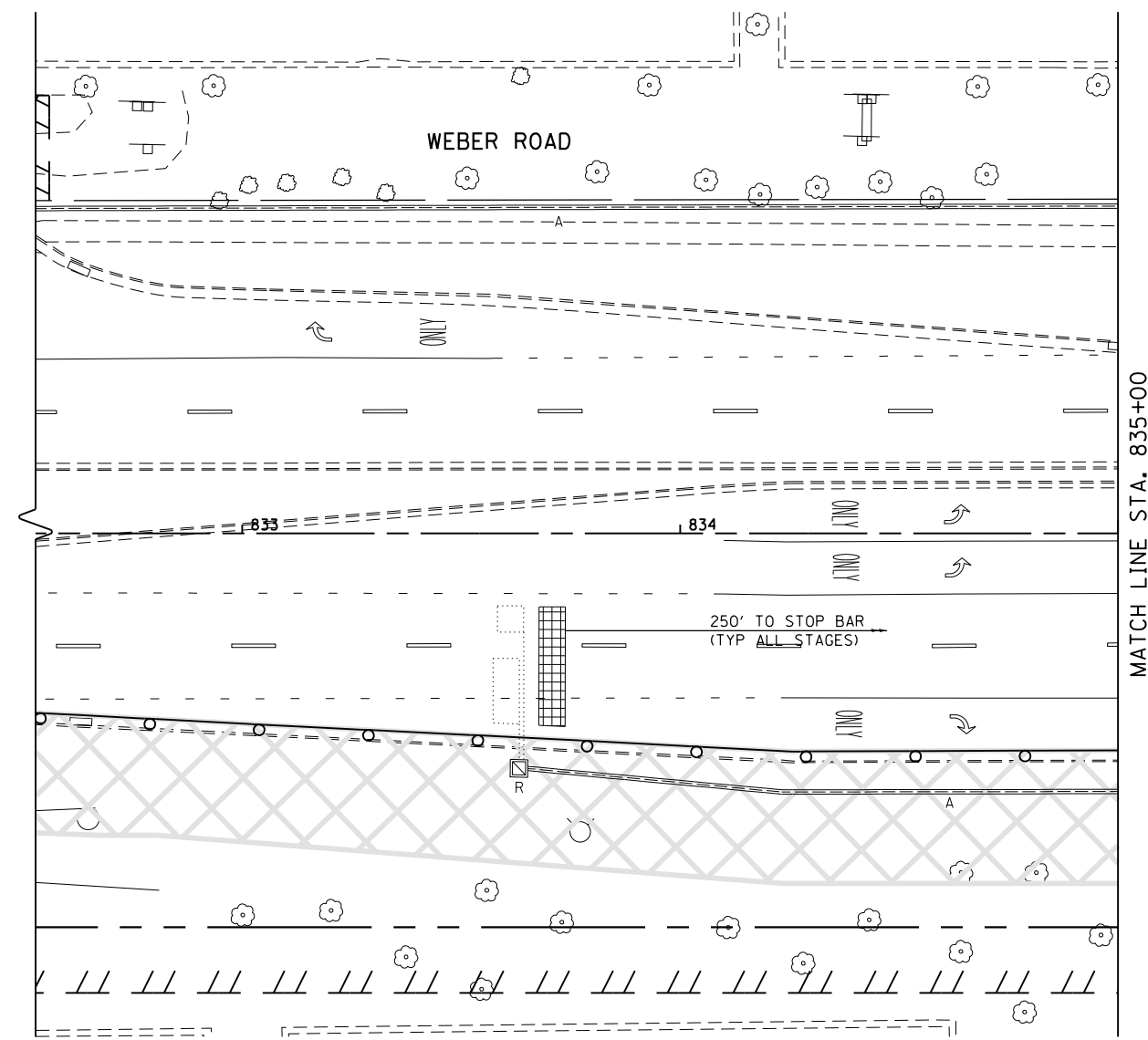
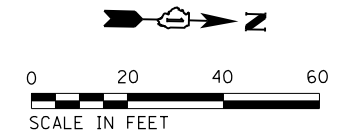
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	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 6/8/2017	DATE 06/16/17	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PRE-STAGE  
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN**  
**WEBER ROAD AND REMINGTON BLVD./WINDHAM PKWY.**  
 SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	810
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	

TS  
**ECON 132**



FILE NAME = D:\60X10\sh-t-15040\dgn



USER NAME = gr01	DESIGNED GR	REVISED -
	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

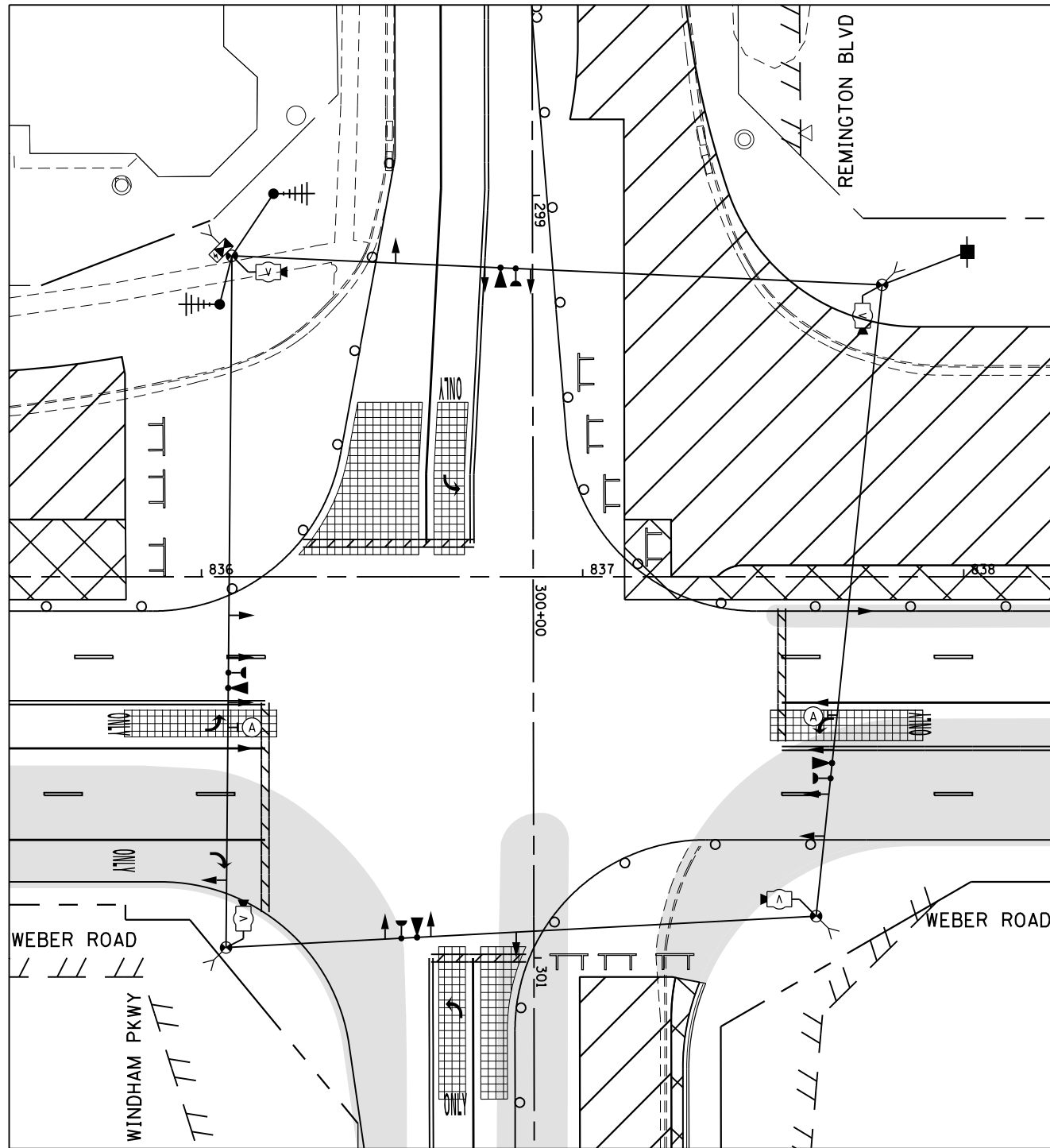
**ALL STAGES**  
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING  
TRAFFIC SIGNAL EQUIPMENT PLAN  
WEBER ROAD AND REMINGTON BLVD./WINDHAM PKWY.**

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

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	811
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**TS**  
**ECON 132**

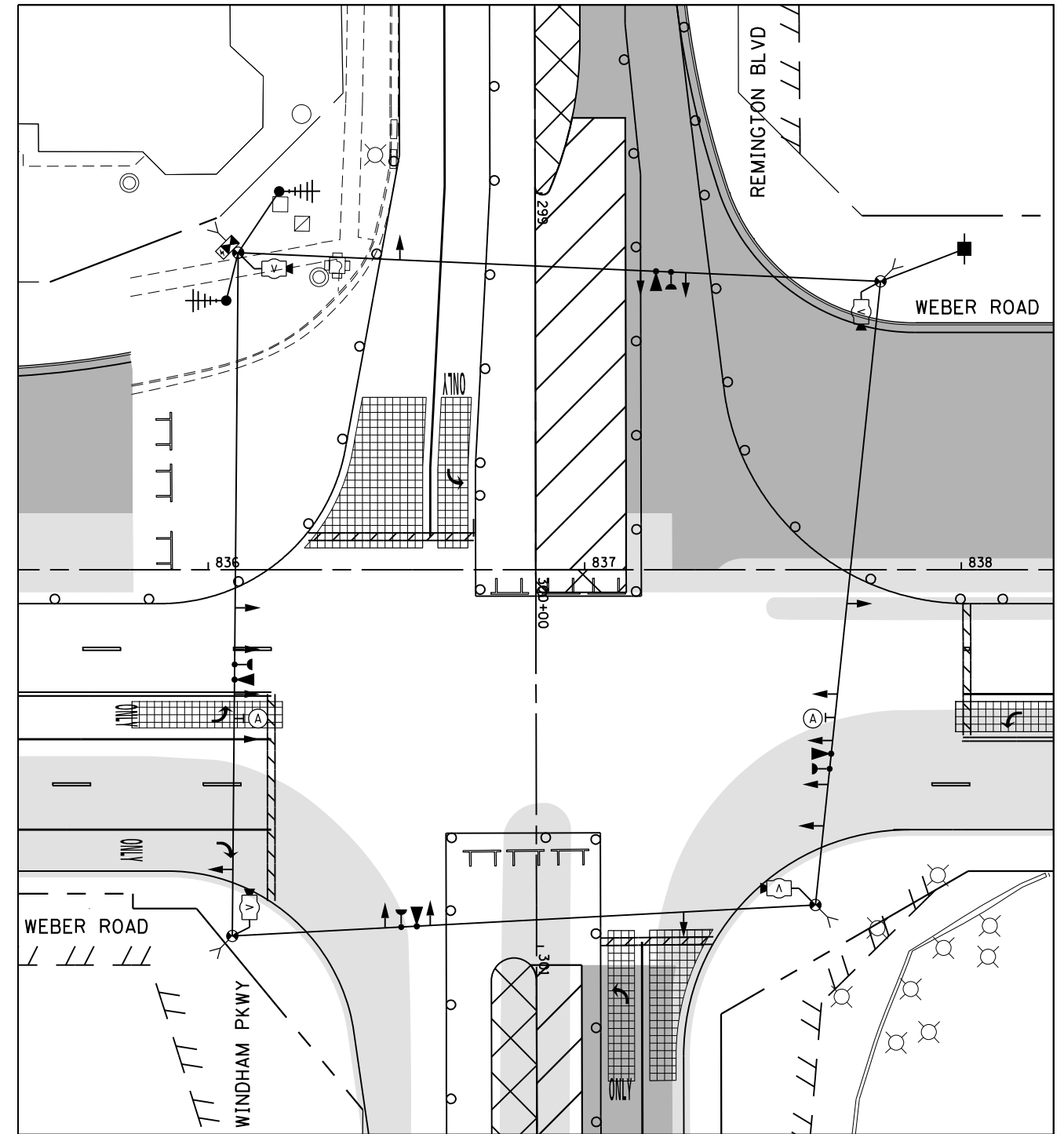




STAGE 1



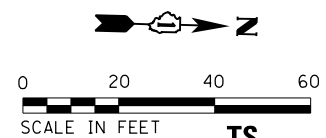
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 1A



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 1 AND 1A

TS  
ECON 132

FILE NAME = D:\60X10-eh-t-150402.dgn

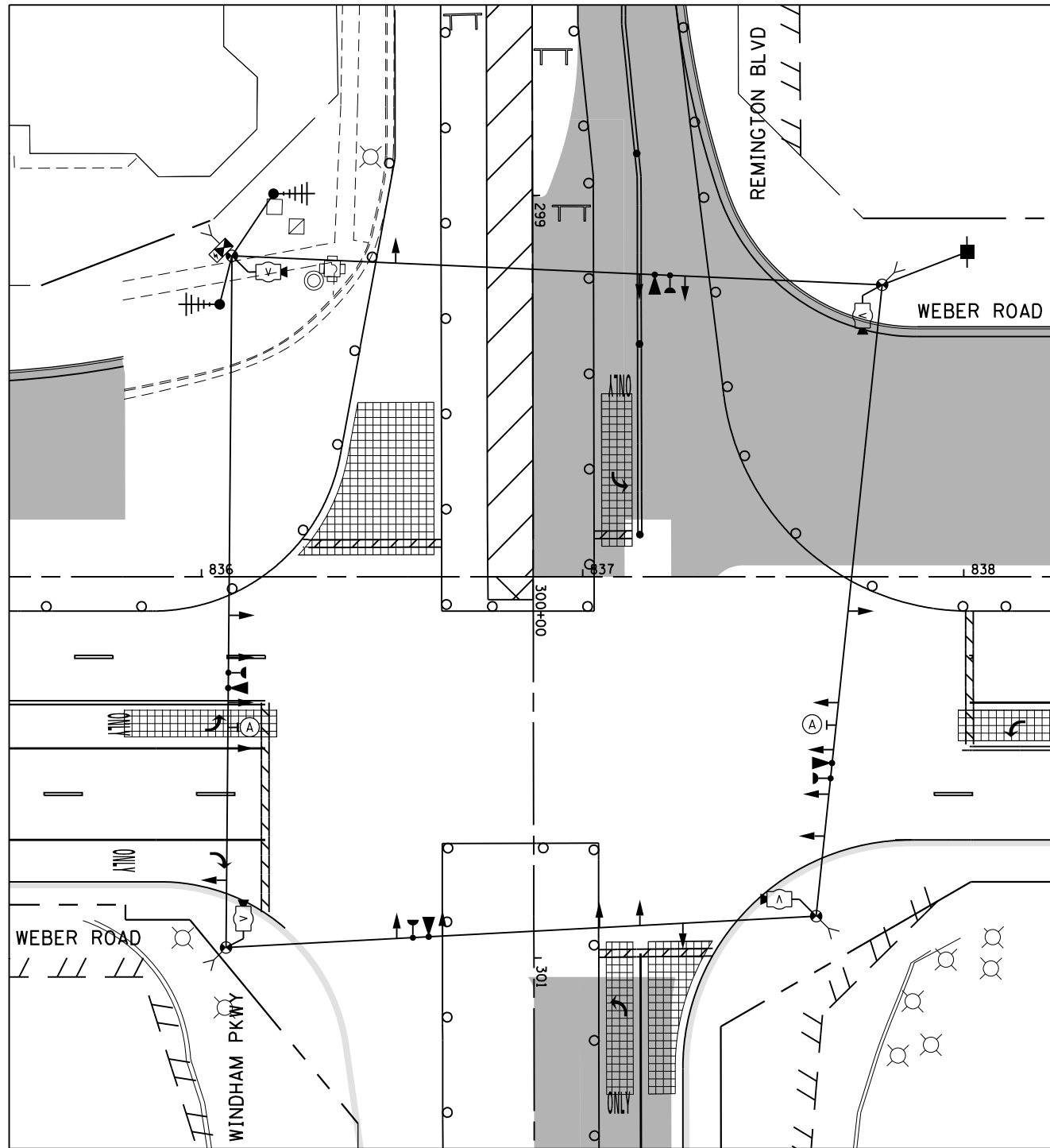
**KNIGHT**  
Engineers & Architects

USER NAME = gr01	DESIGNED GR	REVISED -
	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  
WEBER ROAD AND REMINGTON BLVD./WINDHAM PKWY.  
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

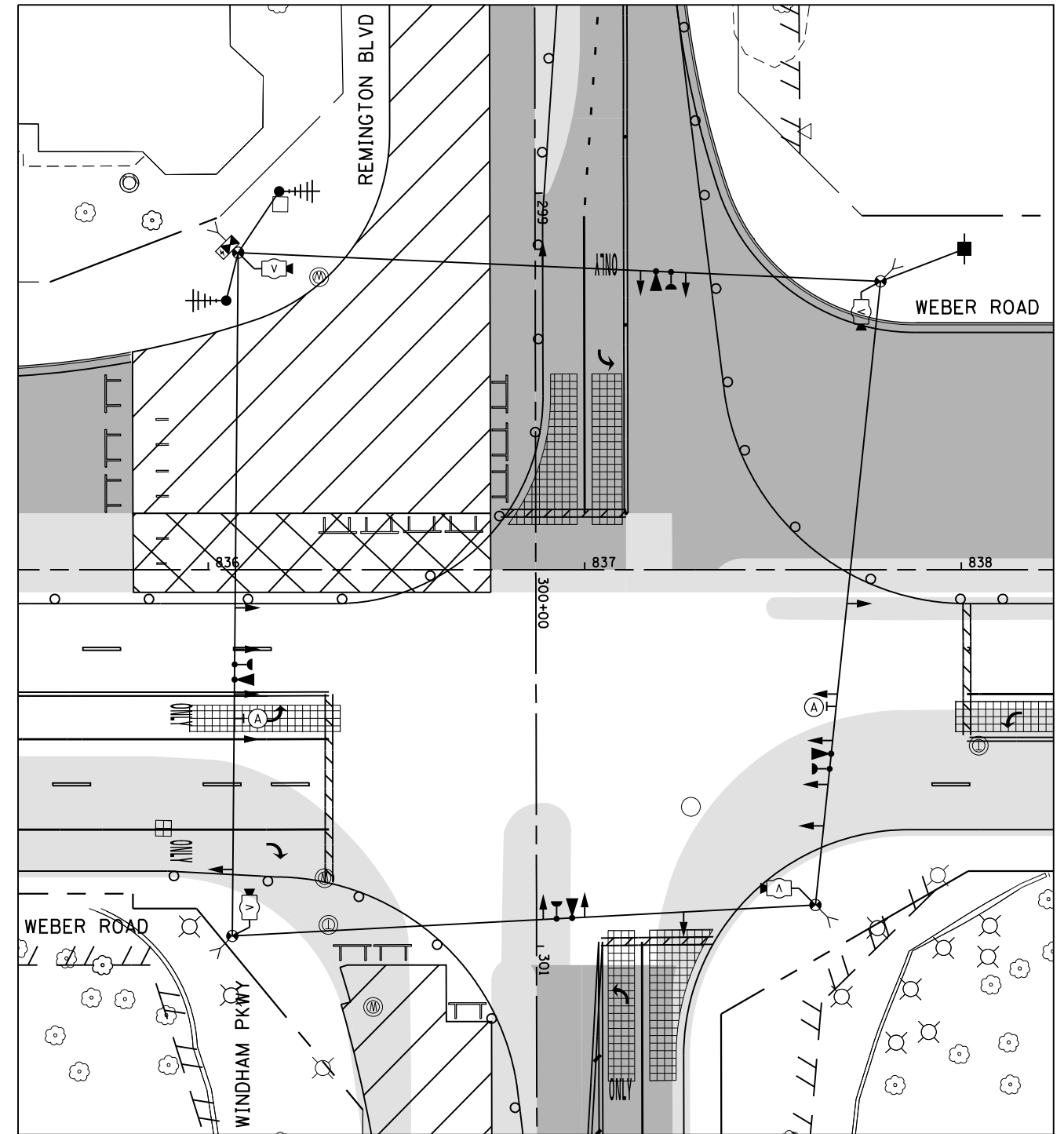
F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	812
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



STAGE 1B



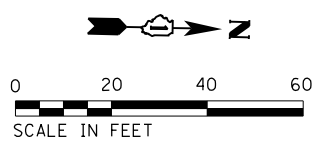
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 1C AND 1D



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 1B, 1C AND 1D

TS  
ECON 132

FILE NAME = D:\60X10-eh-t-150403.dgn

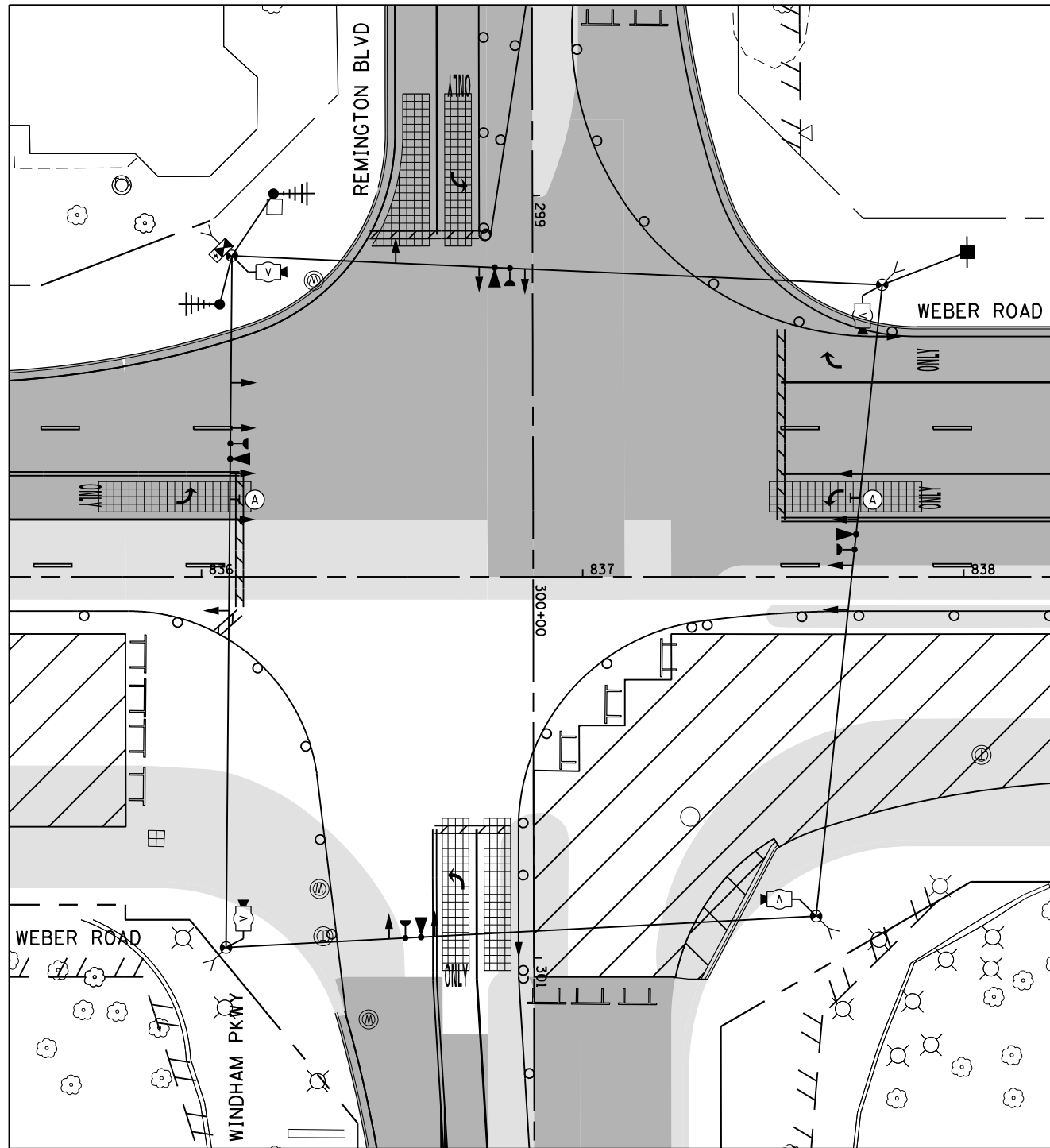
**KNIGHT**  
Engineers & Architects

USER NAME = gr01	DESIGNED GR	REVISED -
	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  
WEBER ROAD AND REMINGTON BLVD./WINDHAM PKWY.  
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

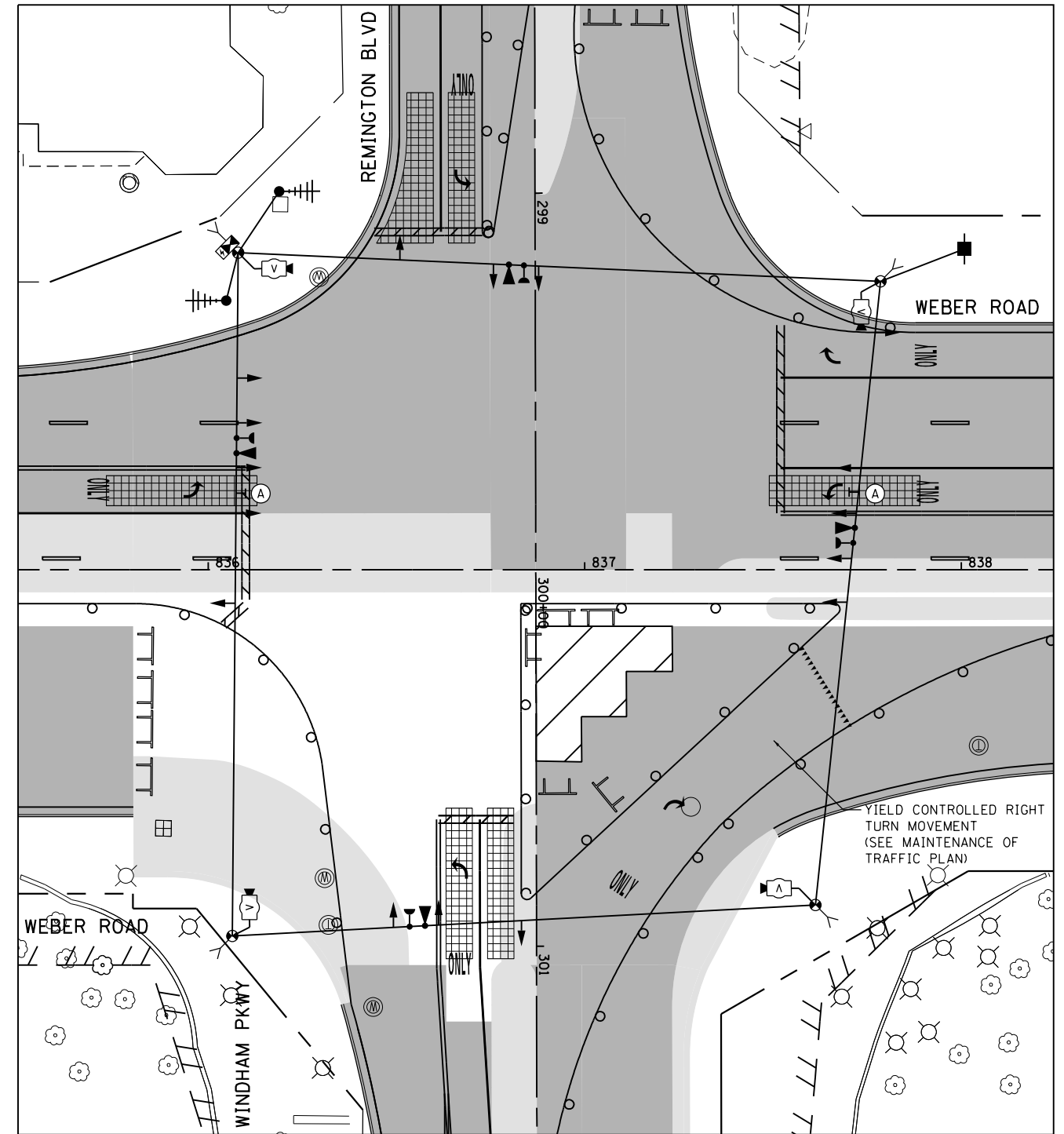
F.A.I./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	813
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



STAGE 2



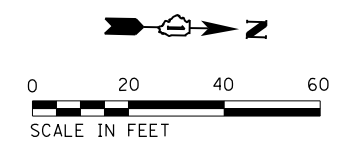
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 2A



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 2 AND 2A

TS  
ECON 132

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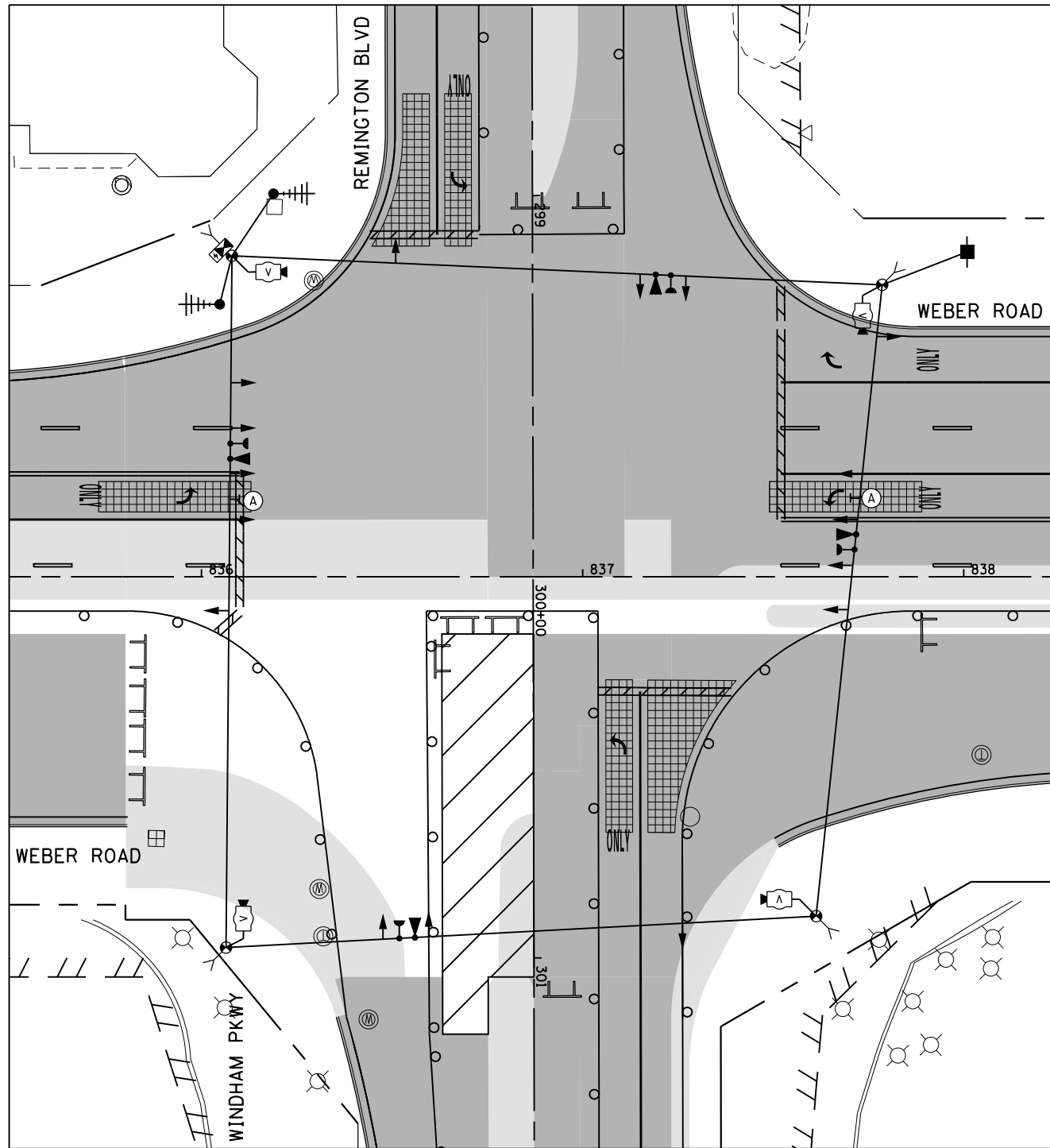
**KNIGHT**  
Engineers & Architects

USER NAME = gr01	DESIGNED GR	REVISED -
	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  
WEBER ROAD AND REMINGTON BLVD./WINDHAM PKWY.  
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

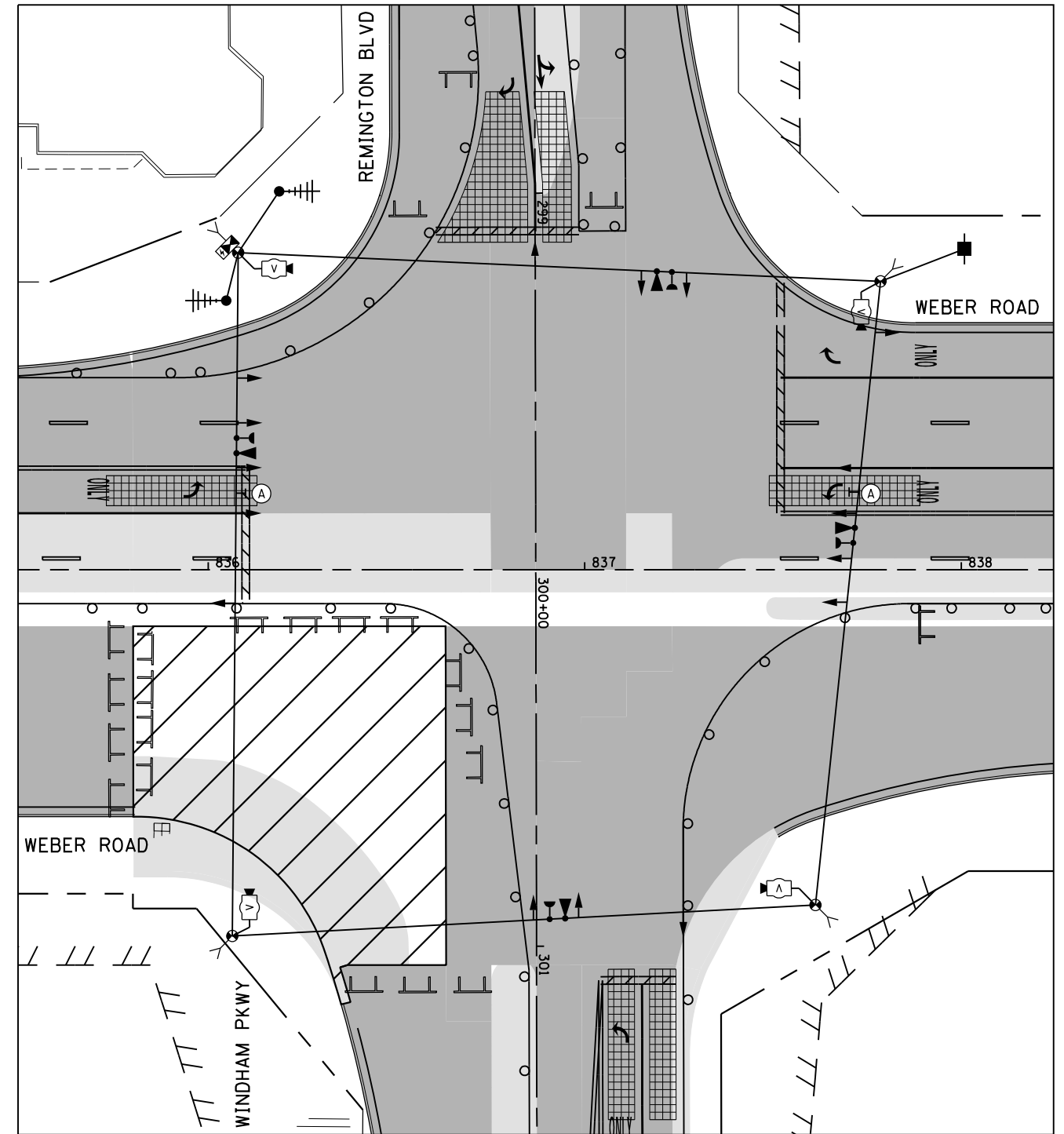
F.A./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	814
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



STAGE 2B



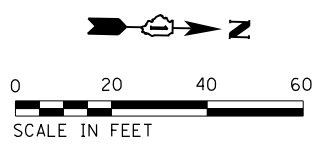
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 2C



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 2B AND 2C

TS  
ECON 132

FILE NAME = D:\60X10-eh-t-150405.dgn

**KNIGHT**  
Engineers & Architects

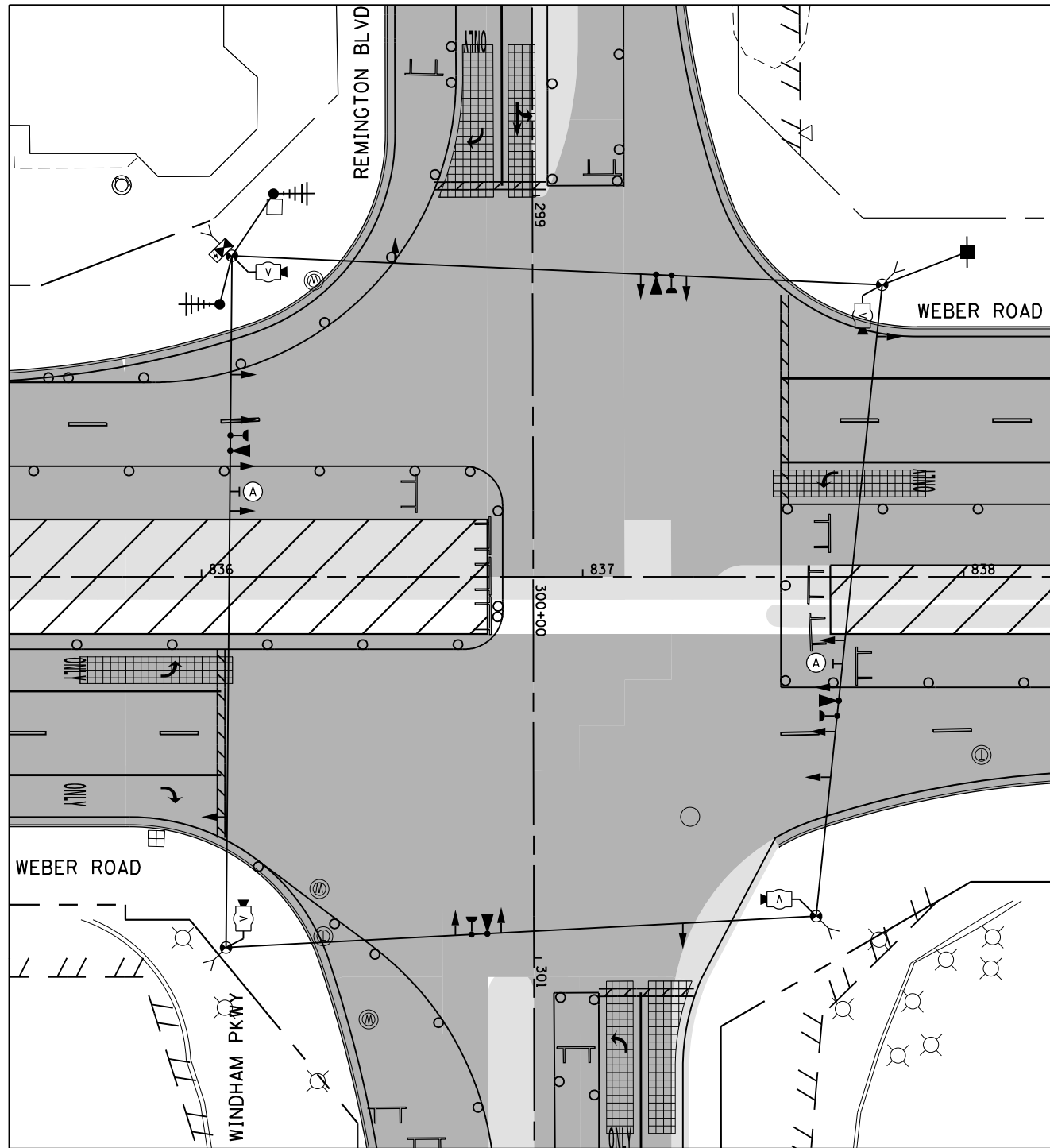
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	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  
WEBER ROAD AND REMINGTON BLVD./WINDHAM PKWY.  
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	815
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

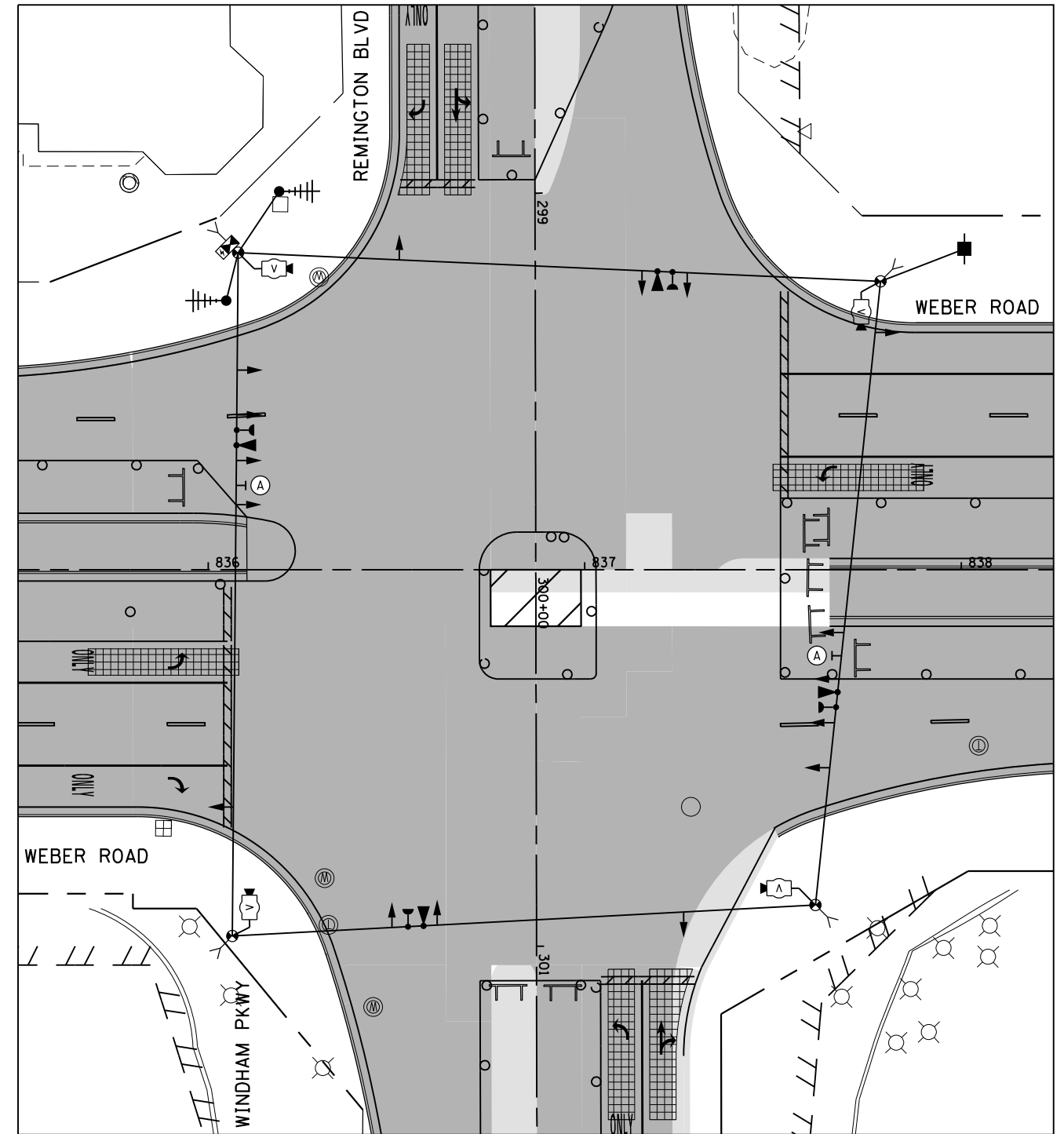




**STAGE 3**



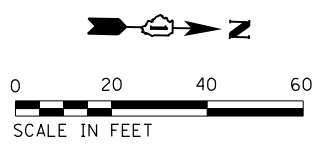
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



**STAGE 3A**



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



**STAGE 3 AND 3A**

**TS**  
**ECON 132**

FILE NAME = D:\60X10-eh-t-150406.dgn

**KNIGHT**  
Engineers & Architects

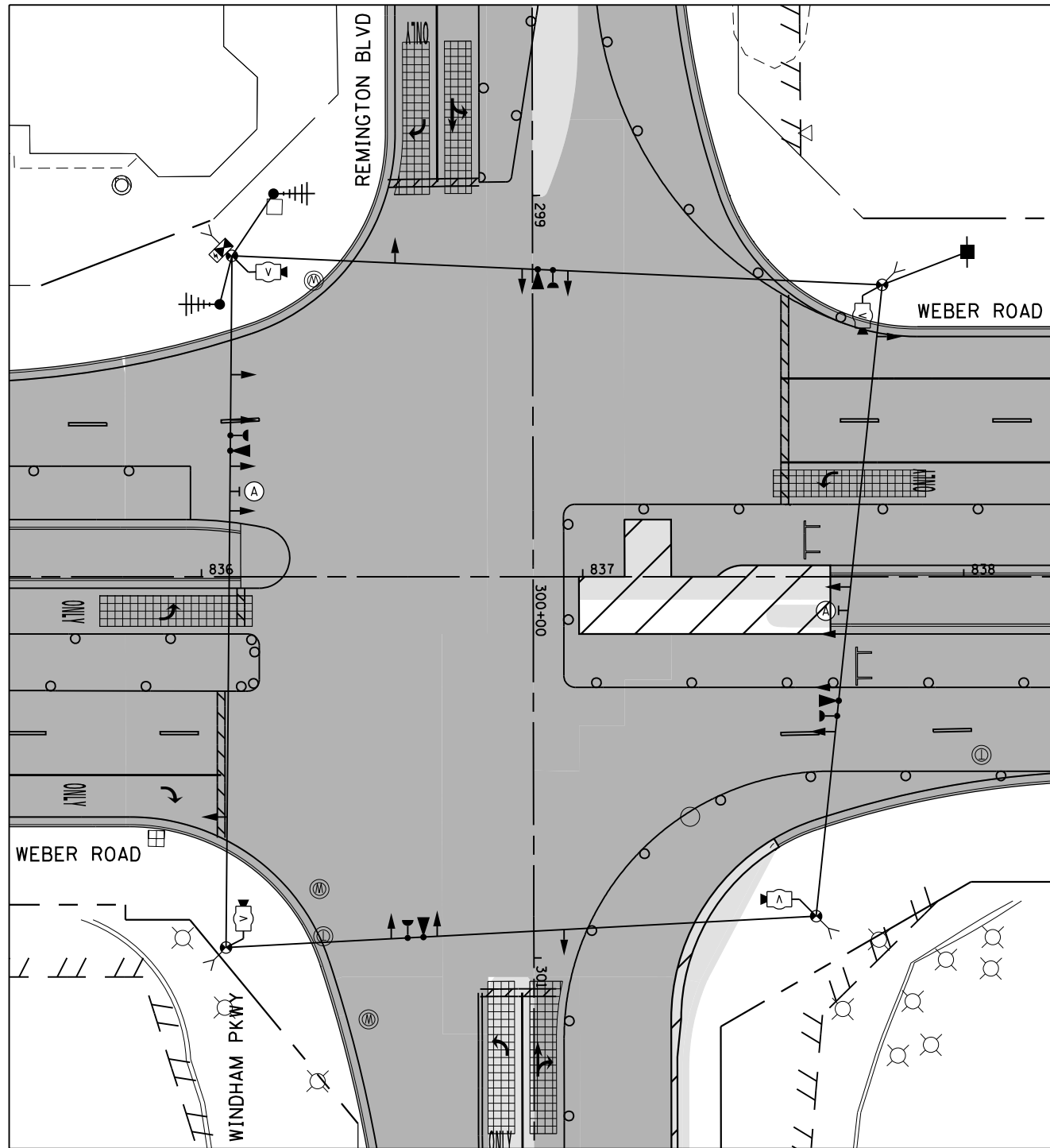
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PLOT DATE = 5/13/2017	CHECKED MJM	REVISED -
	DATE 05/12/17	REVISED -

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

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**  
**WEBER ROAD AND REMINGTON BLVD./WINDHAM PKWY.**

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

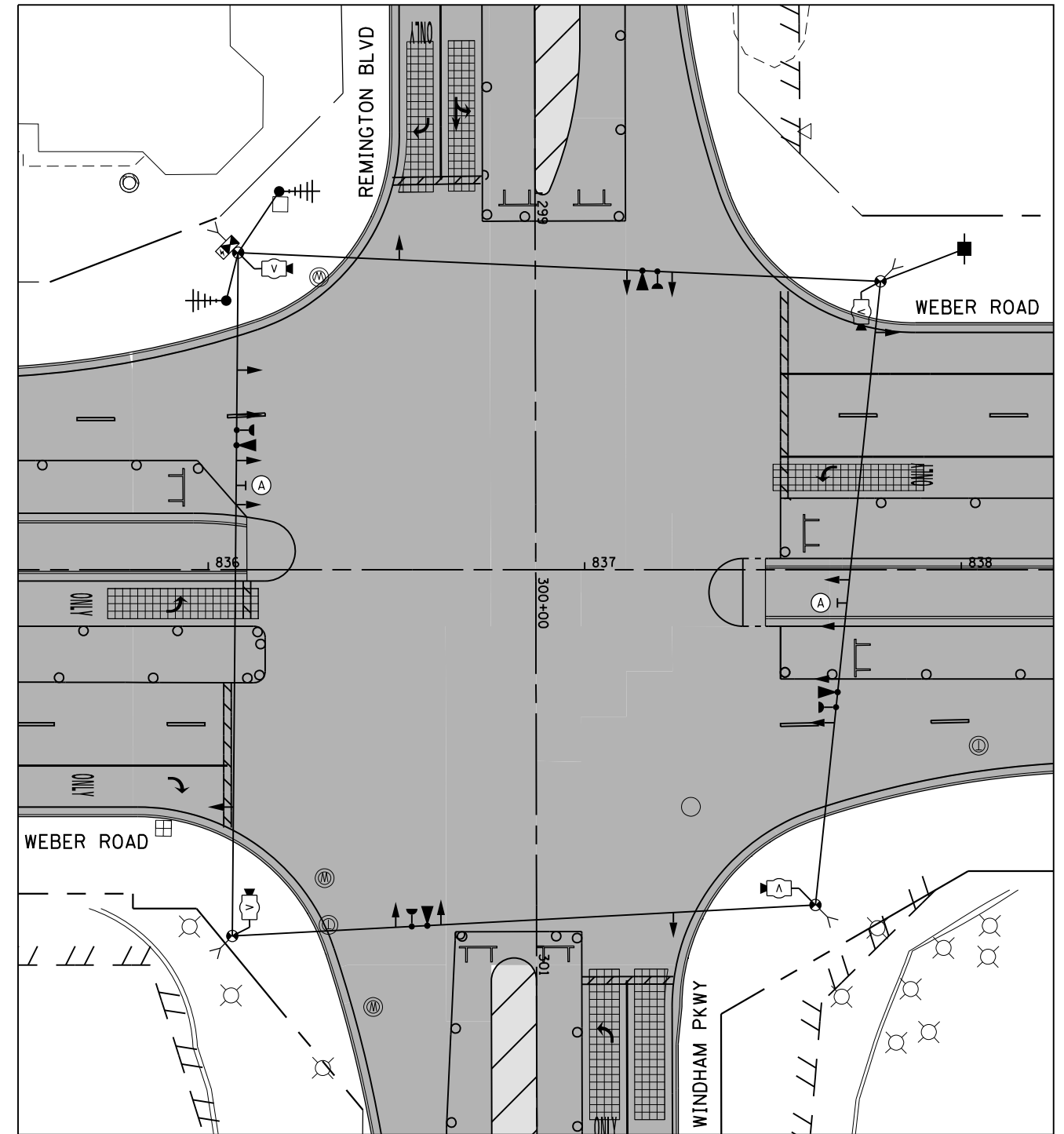
F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	816
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



**STAGE 3B**



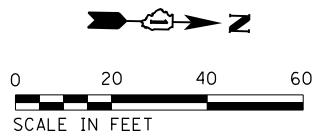
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



**STAGE 3C**



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



**STAGE 3B AND 3C**

**TS**  
**ECON 132**

FILE NAME = D:\60X10-eh-t-150407.dgn

**KNIGHT**  
Engineers & Architects

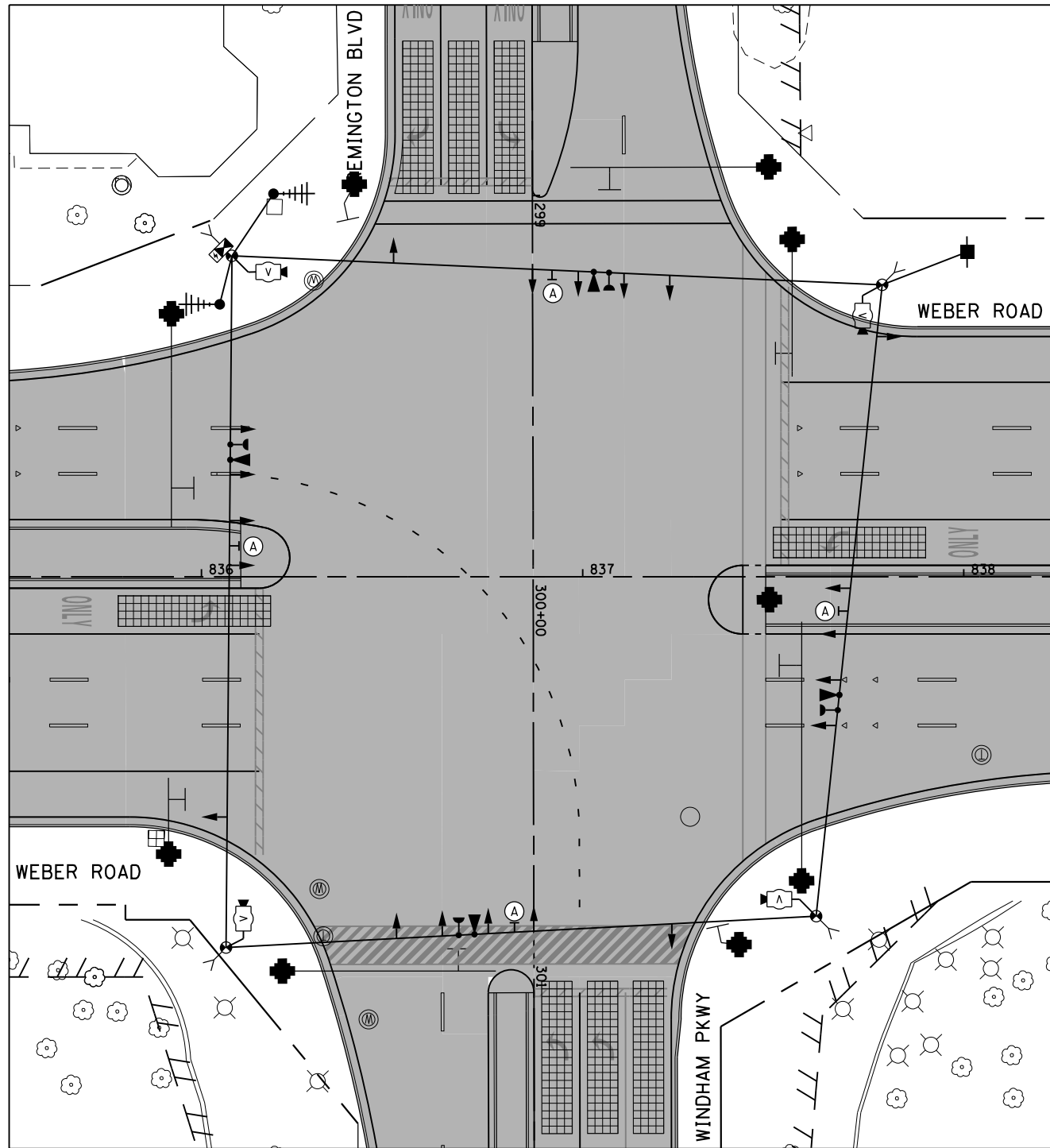
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

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

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**  
**WEBER ROAD AND REMINGTON BLVD./WINDHAM PKWY.**

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

F.A.I./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	817
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X10	



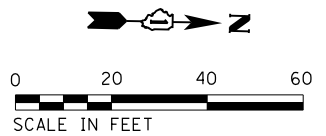
**STAGE 4**



R10-5  
30"x36"  
(4 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)

**NOTES:**

PERMANENT TRAFFIC SIGNAL AT THIS INTERSECTION AND PERMANENT INTERCONNECT ALONG WEBER ROAD SHALL BE TESTED IN STAGE 4 AND READY FOR ACTIVATION PRIOR TO STAGE 4A. IN STAGE 4A AND 4B, WHEN THE DDI TRAFFIC CONFIGURATION IS IN EFFECT, INTERSECTIONS AT NORMANTOWN, RAMPS C/B, RAMPS D/A, REMINGTON/WINDHAM AND RODEO/REMINGTON SHALL OPERATE WITH THE PERMANENT TRAFFIC SIGNALS AND INTERCONNECT.



TS  
**ECON 132**

**STAGE 4**

FILE NAME = D:\60X10\sh-t-150408.dgn



USER NAME = gr01	DESIGNED GR	REVISED -
	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

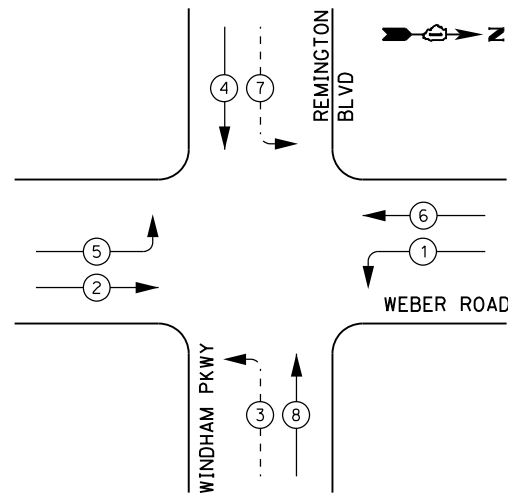
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  
WEBER ROAD AND REMINGTON BLVD./WINDHAM PKWY.**

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

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	818
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

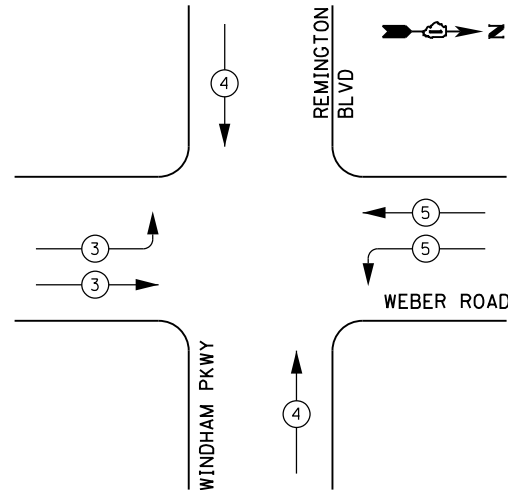
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

- ← (⊛) ← PROTECTED PHASE
- ← - (⊛) ← PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) OL OVERLAP

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



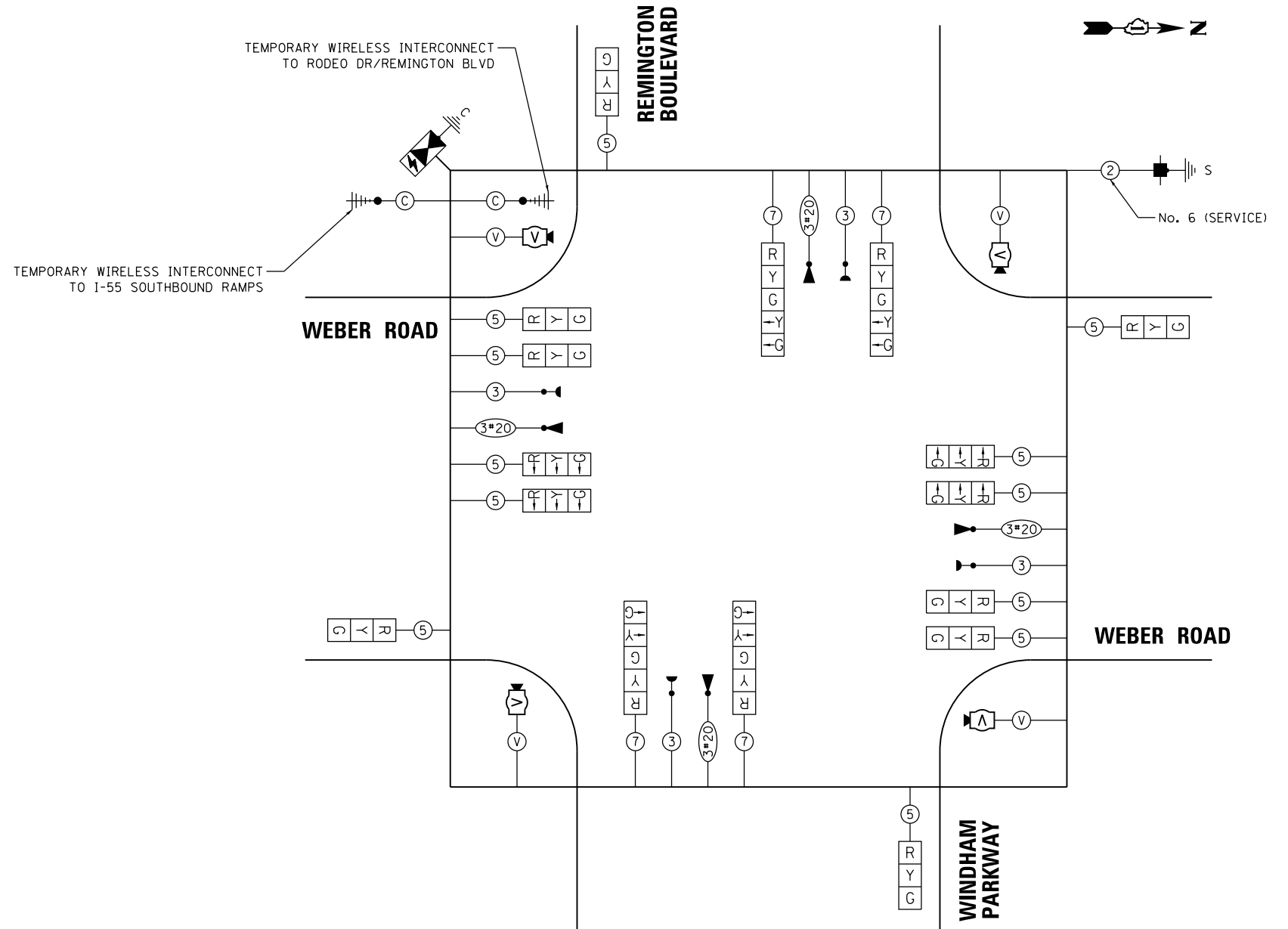
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	-	20	100	--
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	310	50	--
TOTAL =				473.4

ENERGY COSTS TO:

VILLAGE OF BOLINGBROOK  
375 W BRIARCLIFF ROAD  
BOLINGBROOK, ILLINOIS 60440

ENERGY SUPPLY: CONTACT: SHEENA WILLIAMS  
PHONE: (630) 985-4004  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: \_\_\_\_\_



**TEMPORARY CABLE PLAN  
PRE-STAGE AND STAGE 1**

FILE NAME = D:\60X10\eh\150421.dgn



USER NAME = gr01  
DESIGNED GR  
DRAWN GR  
CHECKED MJM  
DATE 08/04/17  
PLOT SCALE = 1:40  
PLOT DATE = 6/29/2017

REVISIONS:  
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PRE-STAGE AND STAGE 1  
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,  
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
WEBER ROAD AND REMINGTON BLVD / WINDHAM PKWY**

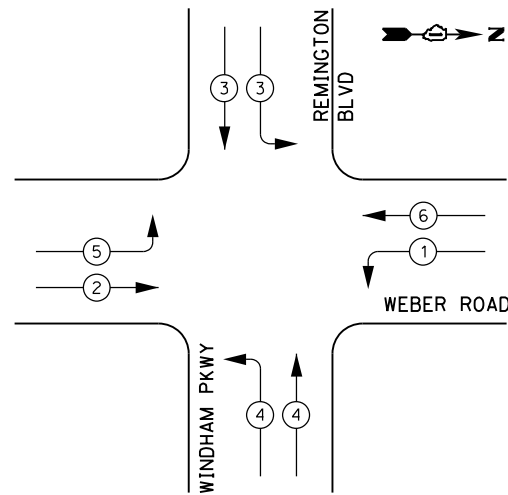
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	819
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**TS  
ECON 132**



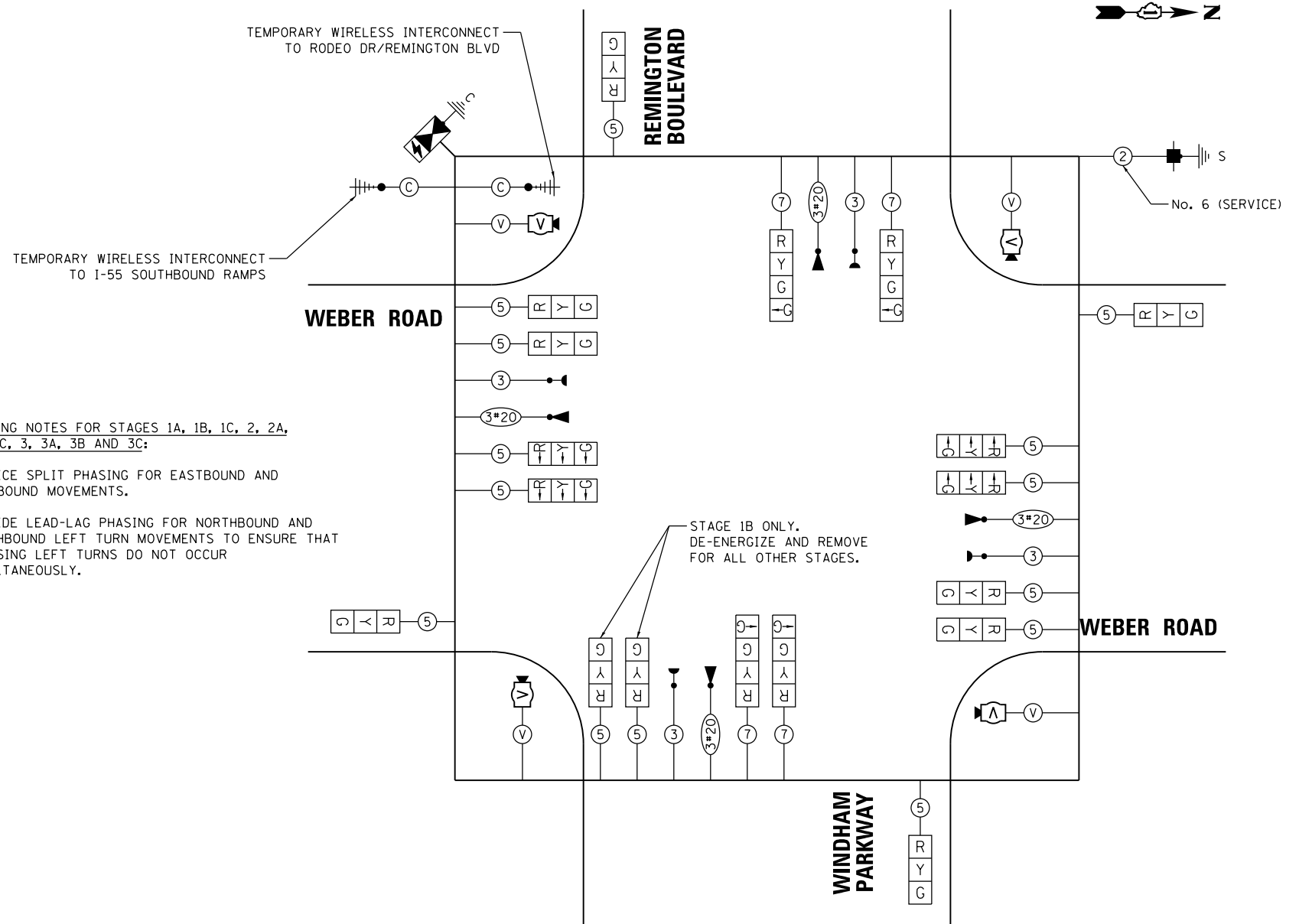
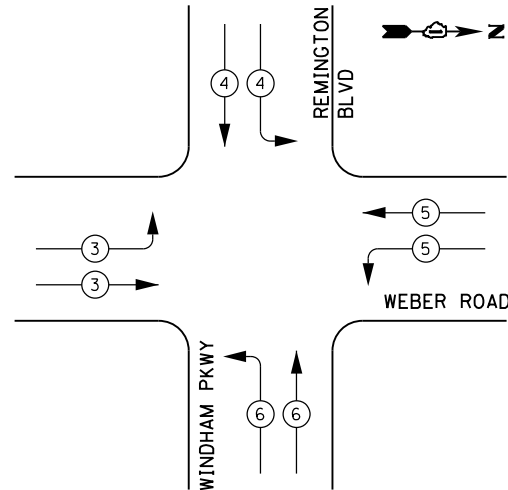
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

- ← ⊛ ← PROTECTED PHASE
- ← ⊛ - PROTECTED/PERMITTED PHASE
- ← ⊛ → PEDESTRIAN PHASE
- ← ⊛ OL OVERLAP

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



PHASING NOTES FOR STAGES 1A, 1B, 1C, 2, 2A, 2B, 2C, 3, 3A, 3B AND 3C:

PROVIDE SPLIT PHASING FOR EASTBOUND AND WESTBOUND MOVEMENTS.

PROVIDE LEAD-LAG PHASING FOR NORTHBOUND AND SOUTHBOUND LEFT TURN MOVEMENTS TO ENSURE THAT OPPOSING LEFT TURNS DO NOT OCCUR SIMULTANEOUSLY.

**TEMPORARY CABLE PLAN STAGES 1A, 1B, 1C, 1D, 2, 2A, 2B, 2C, 3, 3A, 3B AND 3C**

**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	22	12	45	118.8
PERMISSIVE ARROW	-	10	10	--
PED. SIGNAL	-	20	100	--
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	310	50	--
TOTAL =				510.8

ENERGY COSTS TO:

VILLAGE OF BOLINGBROOK  
375 W BRIARCLIFF ROAD  
BOLINGBROOK, ILLINOIS 60440

ENERGY SUPPLY: CONTACT: SHEENA WILLIAMS  
PHONE: (630) 985-4004  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: \_\_\_\_\_

FILE NAME = D:\60X10\eh\150422.dgn

**KNIGHT**  
Engineers & Architects

USER NAME = gr01	DESIGNED GR	REVISED -
PLOT SCALE = 1:40	DRAWN GR	REVISED -
PLOT DATE = 6/29/2017	CHECKED MJM	REVISED -
	DATE 08/04/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,  
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
WEBER ROAD AND REMINGTON BLVD / WINDHAM PKWY**

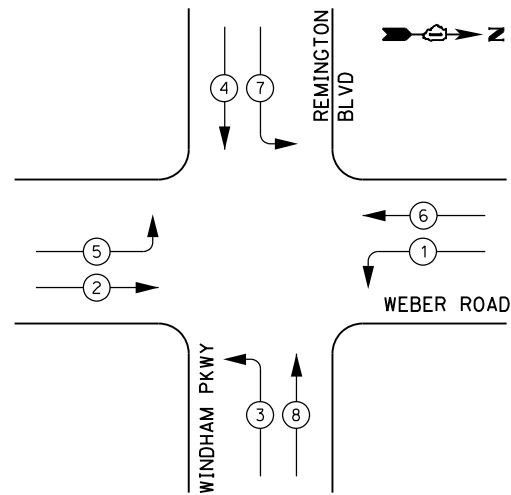
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	820
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**TS  
ECON 132**

STAGES 1A, 1B, 1C, 1D, 2, 2A,  
2B, 2C, 3, 3A, 3B AND 3C

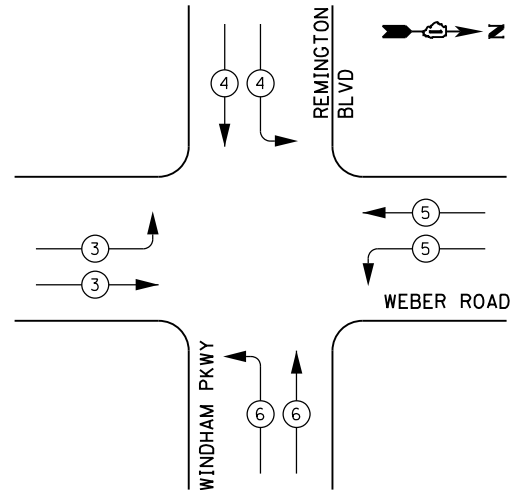
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

- ← (⊛) ← PROTECTED PHASE
- ← (⊛) - ← PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) OL OVERLAP

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



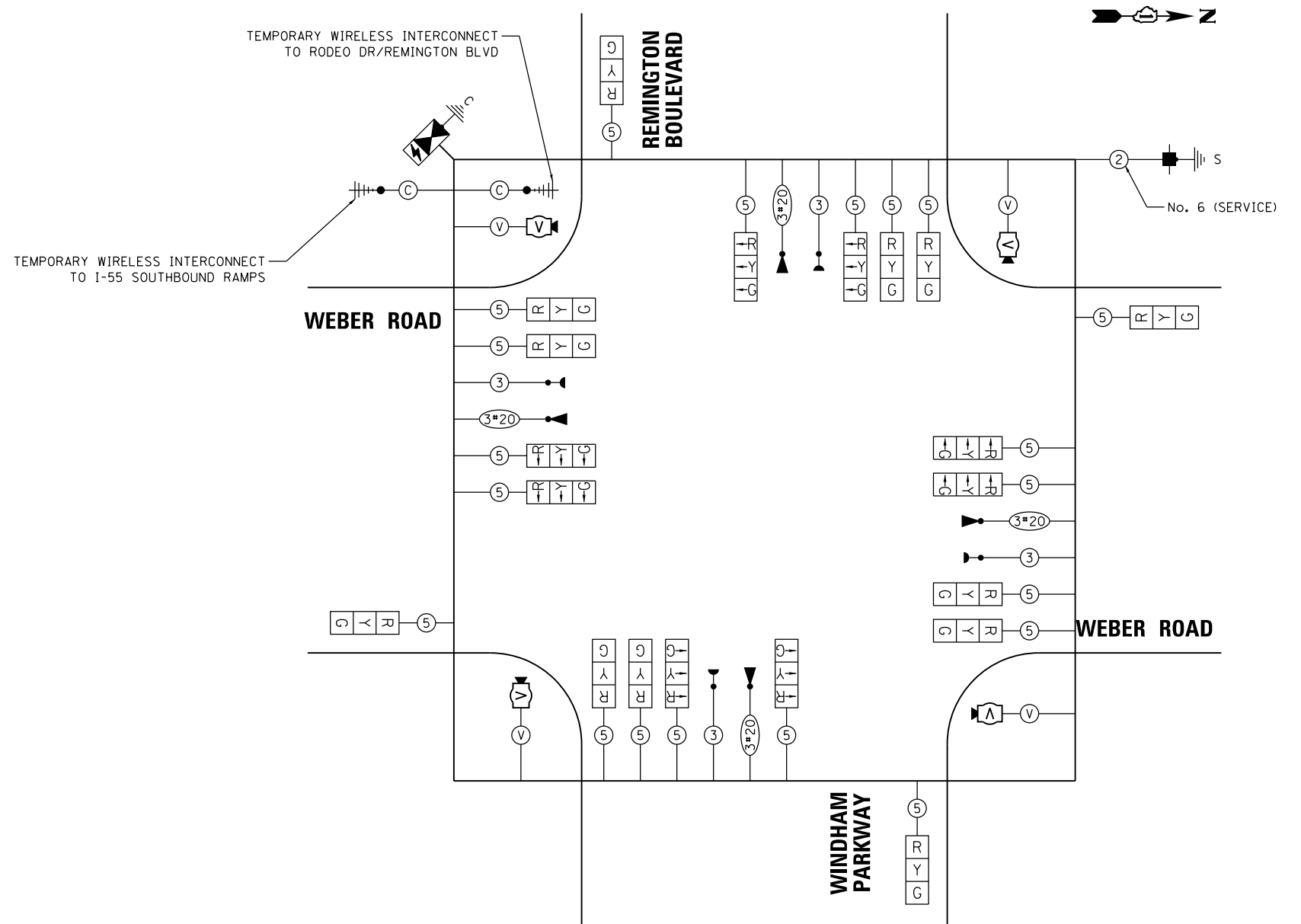
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20	11	50	110.0
(YELLOW)	20	20	5	20.0
(GREEN)	20	12	45	108.0
PERMISSIVE ARROW	-	10	10	--
PED. SIGNAL	-	20	100	--
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	310	50	--
TOTAL =				513.0

ENERGY COSTS TO:

VILLAGE OF BOLINGBROOK  
375 W BRIARCLIFF ROAD  
BOLINGBROOK, ILLINOIS 60440

ENERGY SUPPLY: CONTACT: SHEENA WILLIAMS  
PHONE: (630) 985-4004  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: \_\_\_\_\_



**TEMPORARY CABLE PLAN  
STAGE 4**

FILE NAME = D:\80X10\eh\150423.dgn

**KNIGHT**  
Engineers & Architects

USER NAME = gr01	DESIGNED GR	REVISED -
PLOT SCALE = 1:40	DRAWN GR	REVISED -
PLOT DATE = 6/29/2017	CHECKED MJM	REVISED -
	DATE 08/04/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM,  
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE  
WEBER ROAD AND REMINGTON BLVD / WINDHAM PKWY**

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

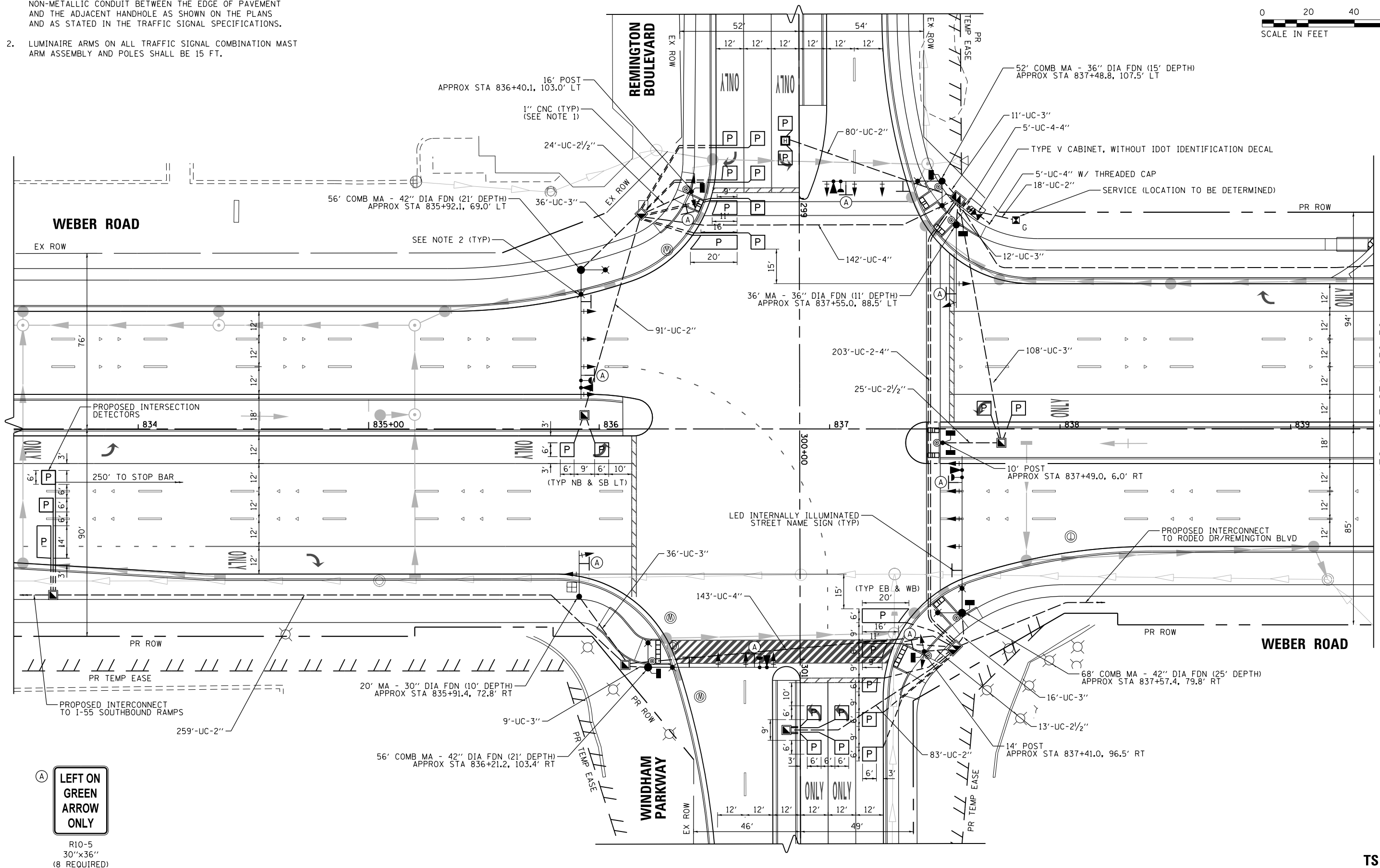
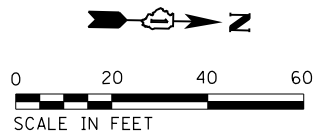
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	821
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**TS  
ECON 132**

STAGE 4

**NOTES:**

- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
- LUMINAIRE ARMS ON ALL TRAFFIC SIGNAL COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE 15 FT.



MATCH LINE STA. 839+36

**LEFT ON GREEN ARROW ONLY**

R10-5  
30"x36"  
(8 REQUIRED)

FILE NAME = D:\60X10-eh-t-151400.dgn



USER NAME = gr01	DESIGNED GR	REVISED -
DRAWN GR	REVISED -	
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PLOT DATE = 6/29/2017	DATE 08/04/17	REVISED -

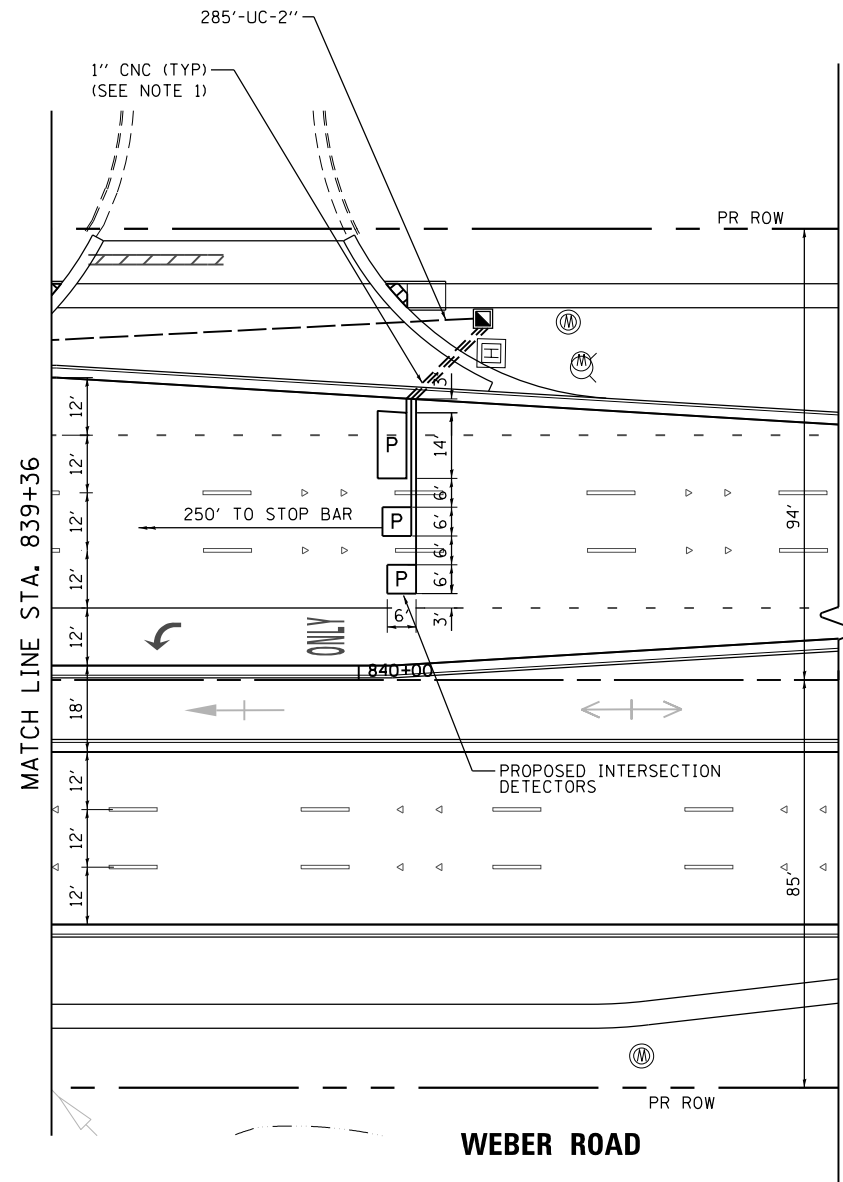
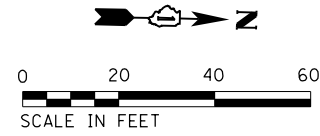
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)  
WEBER ROAD AND REMINGTON BLVD / WINDHAM PKWY**

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

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	822
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

**TS  
ECON 132**



**NOTES:**

- 1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

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USER NAME = gr01	DESIGNED GR	REVISED -
	DRAWN GR	REVISED -
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PLOT DATE = 6/29/2017	DATE 08/04/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

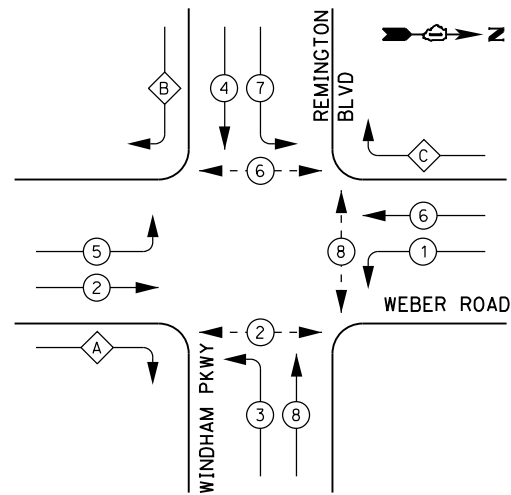
TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)  
WEBER ROAD AND REMINGTON BLVD / WINDHAM PKWY

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

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	823
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	

TS  
ECON 132

**PROPOSED CONTROLLER SEQUENCE**



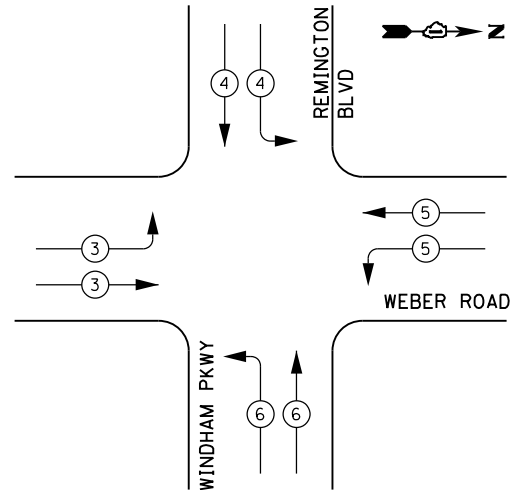
**LEGEND:**

- ← (P) → PROTECTED PHASE
- ← (P) - → PROTECTED/PERMITTED PHASE
- ← (P) > → PEDESTRIAN PHASE
- ← (P) OL → OVERLAP

**RIGHT TURN OVERLAP PHASE DESIGNATION:**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 +	3
B	= 4 +	5
C	= 6 +	7

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



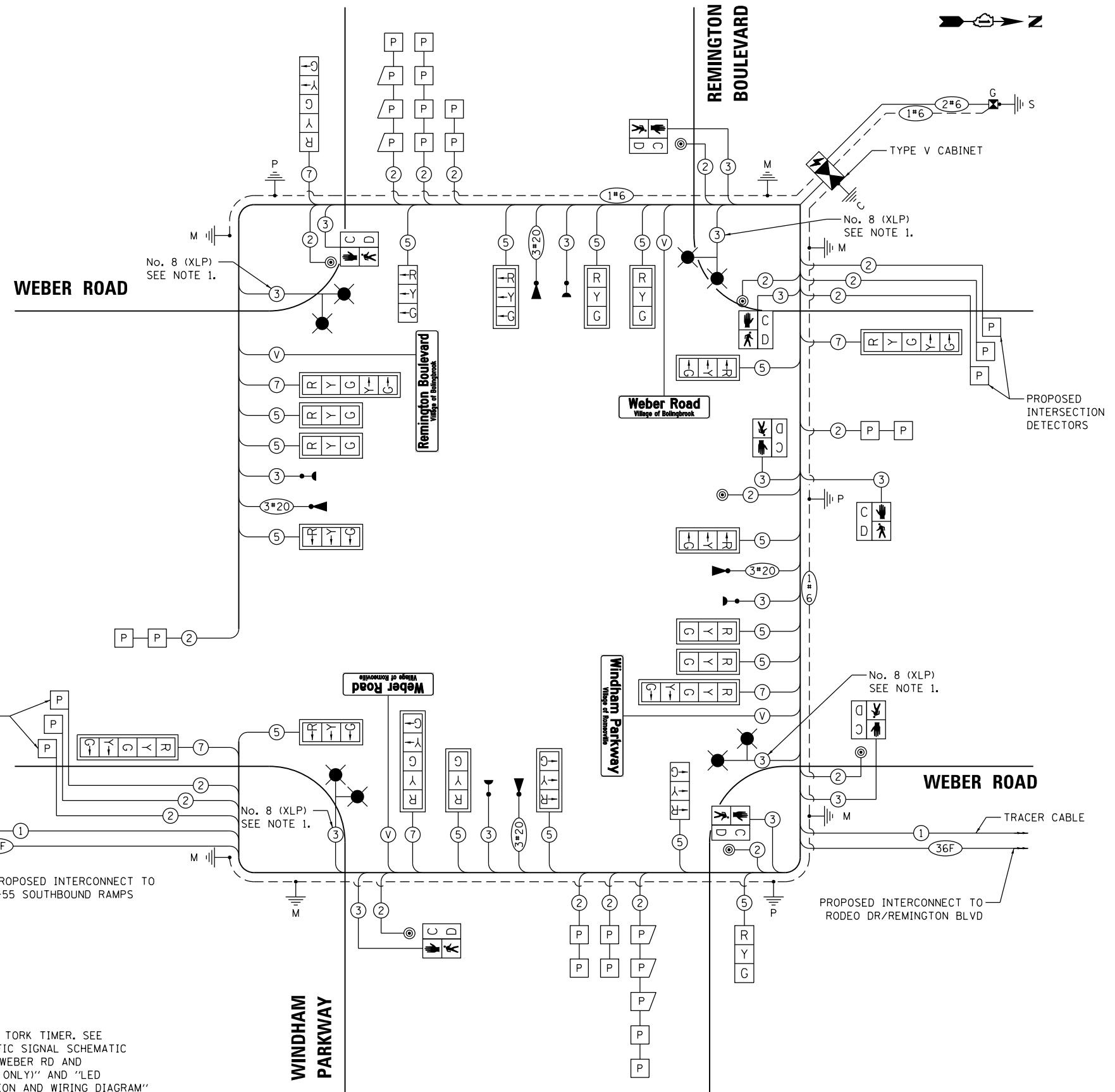
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	22	11	50	121.0
(YELLOW)	22	20	5	22.0
(GREEN)	22	12	45	118.8
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	--
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	8	310	50	1240.0
TOTAL =				2038.8

ENERGY COSTS TO:

VILLAGE OF BOLINGBROOK  
375 W BRIARCLIFF ROAD  
BOLINGBROOK, ILLINOIS 60440

ENERGY SUPPLY: CONTACT: SHEENA WILLIAMS  
PHONE: (630) 985-4004  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: 334-71-34046



**CABLE PLAN**  
(NOT TO SCALE)

**NOTES:**

- LUMINAIRES SHALL BE CONTROLLED BY TORK TIMER. SEE DETAIL "COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC (FOR REMINGTON BLVD/WINDHAM PKWY/WEBER RD AND RODEO DR/REMINGTON BLVD/WEBER RD ONLY)" AND "LED ILLUMINATED STREET NAME INSTALLATION AND WIRING DIAGRAM" DETAIL.

FILE NAME = D:\60X10\ts\ts151421.dgn

**KNIGHT**  
Engineers & Architects

DESIGNED GR	REVISION
DRAWN GR	REVISION
CHECKED MJM	REVISION
DATE 08/04/17	REVISION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
WEBER ROAD AND REMINGTON BOULEVARD / WINDHAM PARKWAY

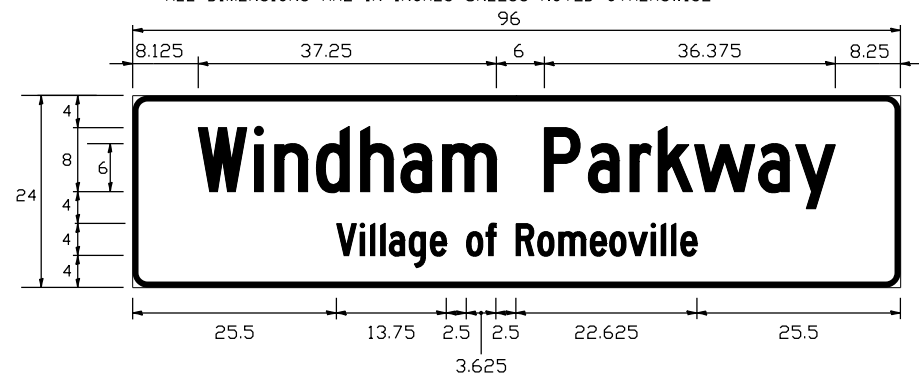
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	824
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	

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ECON 132



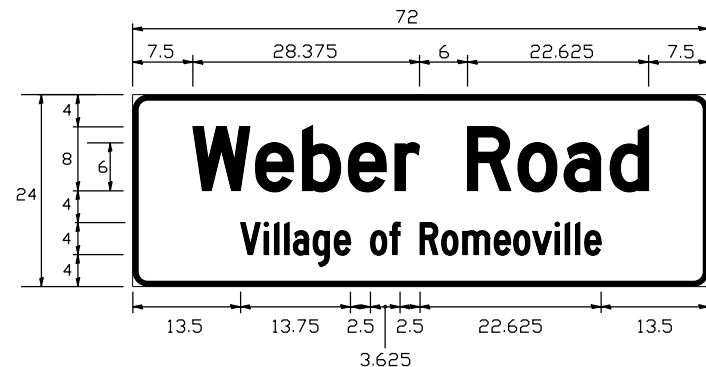
**LED INTERNALLY ILLUMINATED STREET NAME SIGN**

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



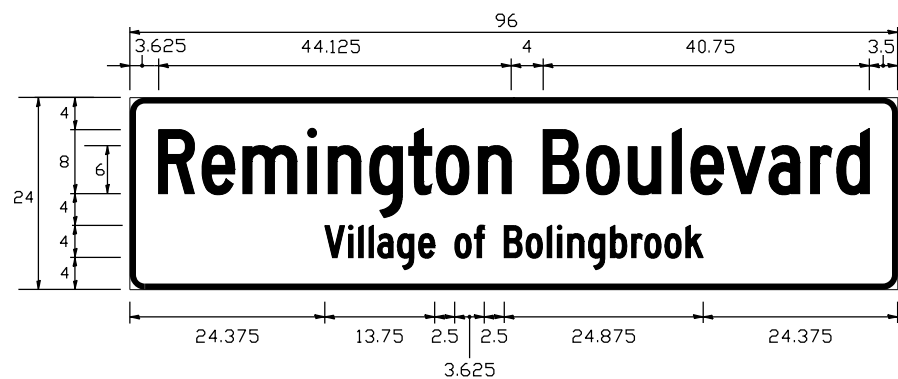
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
TOP LINE - C BOT. LINE - C	16.0	LED ILLUMINATED	N/A	1

SIGNS SHALL BE DOUBLE-SIDED



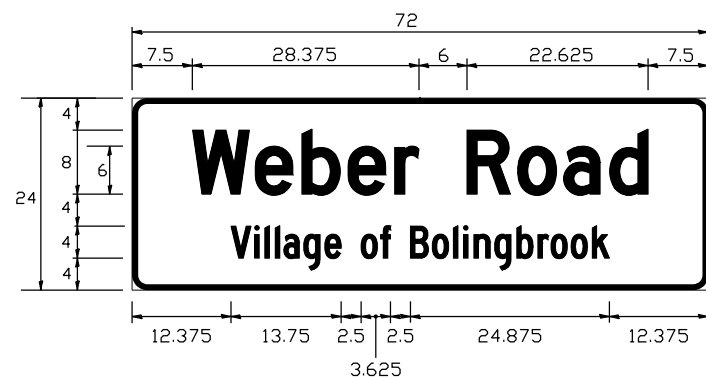
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
TOP LINE - D BOT. LINE - C	12.0	LED ILLUMINATED	N/A	1

SIGNS SHALL BE DOUBLE-SIDED



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
TOP LINE - C BOT. LINE - C	16.0	LED ILLUMINATED	N/A	1

SIGNS SHALL BE DOUBLE-SIDED



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
TOP LINE - D BOT. LINE - C	12.0	LED ILLUMINATED	N/A	1

SIGNS SHALL BE DOUBLE-SIDED

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

**SCHEDULE OF QUANTITIES**

PAY ITEM NAME	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	60
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	816
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	62
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	228
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	716
HANDHOLE	EACH	7
HEAVY-DUTY HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	932
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,405
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,826
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4,365
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,769
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,654
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	50
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,144
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT.	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 68 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	67
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	13
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	18
INDUCTIVE LOOP DETECTOR	EACH	14
PREFORMED DETECTOR LOOP	FOOT	1,078
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	7
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	8
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1,192
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	8
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	8
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
COMBINATION LIGHTING CONTROLLER	EACH	1

TS  
ECON 132

FILE NAME = D:\60X10-eh-t-151451.dgn

**KNIGHT**  
Engineers & Architects

USER NAME = mmaestra	DESIGNED GR	REVISED -
PLOT SCALE = 1/4"	CHECKED MJM	REVISED -
PLOT DATE = 10/30/2017	DATE 11/15/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS  
WEBER ROAD AND REMINGTON BOULEVARD / WINDHAM PARKWAY  
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	825
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

**REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: VILLAGE OF ROMEOVILLE

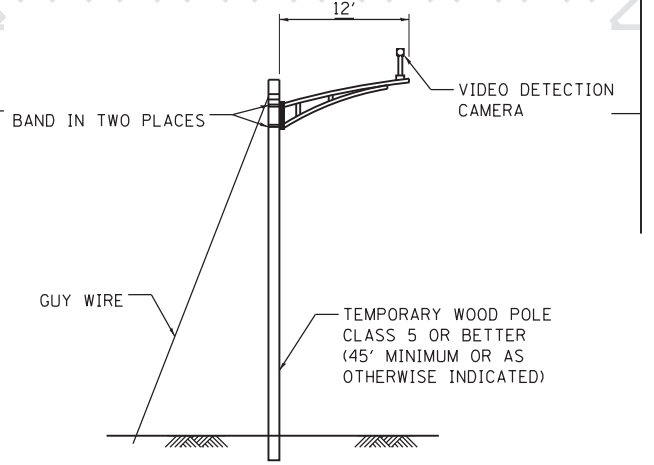
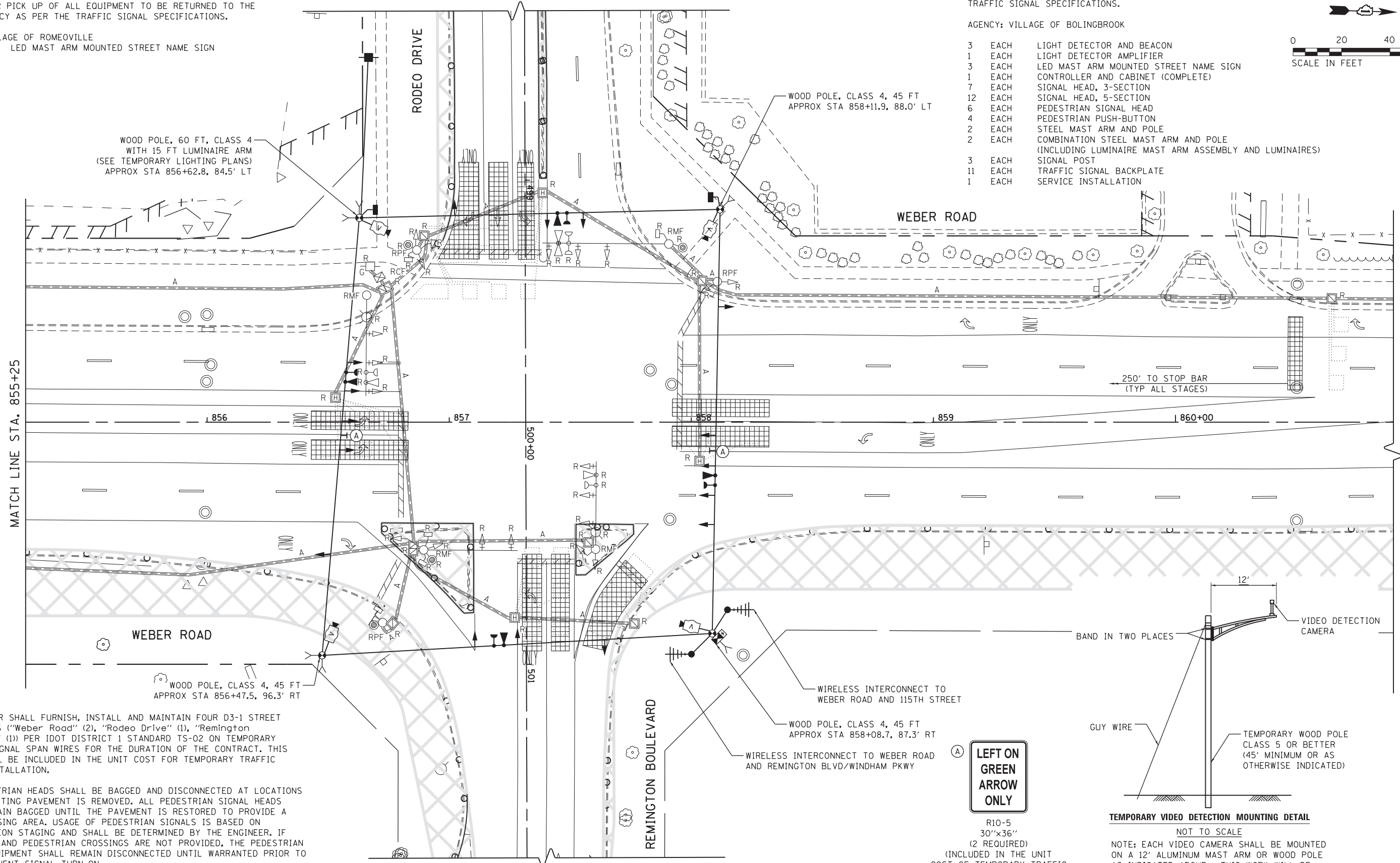
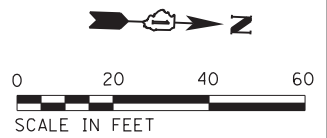
- 1 EACH LED MAST ARM MOUNTED STREET NAME SIGN

**REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT (CONTINUED)**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: VILLAGE OF BOLINGBROOK

- 3 EACH LIGHT DETECTOR AND BEACON
- 1 EACH LIGHT DETECTOR AMPLIFIER
- 3 EACH LED MAST ARM MOUNTED STREET NAME SIGN
- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 7 EACH SIGNAL HEAD, 3-SECTION
- 12 EACH SIGNAL HEAD, 5-SECTION
- 6 EACH PEDESTRIAN SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 2 EACH STEEL MAST ARM AND POLE
- 2 EACH COMBINATION STEEL MAST ARM AND POLE (INCLUDING LUMINAIRE MAST ARM ASSEMBLY AND LUMINAIRES)
- 3 EACH SIGNAL POST
- 11 EACH TRAFFIC SIGNAL BACKPLATE
- 1 EACH SERVICE INSTALLATION



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)

**TEMPORARY VIDEO DETECTION MOUNTING DETAIL**  
NOT TO SCALE

NOTE: EACH VIDEO CAMERA SHALL BE MOUNTED ON A 12' ALUMINUM MAST ARM OR WOOD POLE AS INDICATED ABOVE. THIS WORK WILL BE INCLUDED IN THE COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN FOUR D3-1 STREET NAME SIGNS ("Weber Road" (2), "Rodeo Drive" (1), "Remington Boulevard" (1)) PER IDOT DISTRICT 1 STANDARD TS-02 ON TEMPORARY TRAFFIC SIGNAL SPAN WIRES FOR THE DURATION OF THE CONTRACT. THIS WORK SHALL BE INCLUDED IN THE UNIT COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

ALL PEDESTRIAN HEADS SHALL BE BAGGED AND DISCONNECTED AT LOCATIONS WHERE EXISTING PAVEMENT IS REMOVED. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNALS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE ENGINEER. IF SIDEWALKS AND PEDESTRIAN CROSSINGS ARE NOT PROVIDED, THE PEDESTRIAN SIGNAL EQUIPMENT SHALL REMAIN DISCONNECTED UNTIL WARRANTED PRIOR TO THE PERMANENT SIGNAL TURN-ON.



USER NAME = gr01	DESIGNED GR	REVISED -
PLOT SCALE = 1:40	DRAWN GR	REVISED -
PLOT DATE = 6/8/2017	CHECKED MJM	REVISED -
	DATE 06/16/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

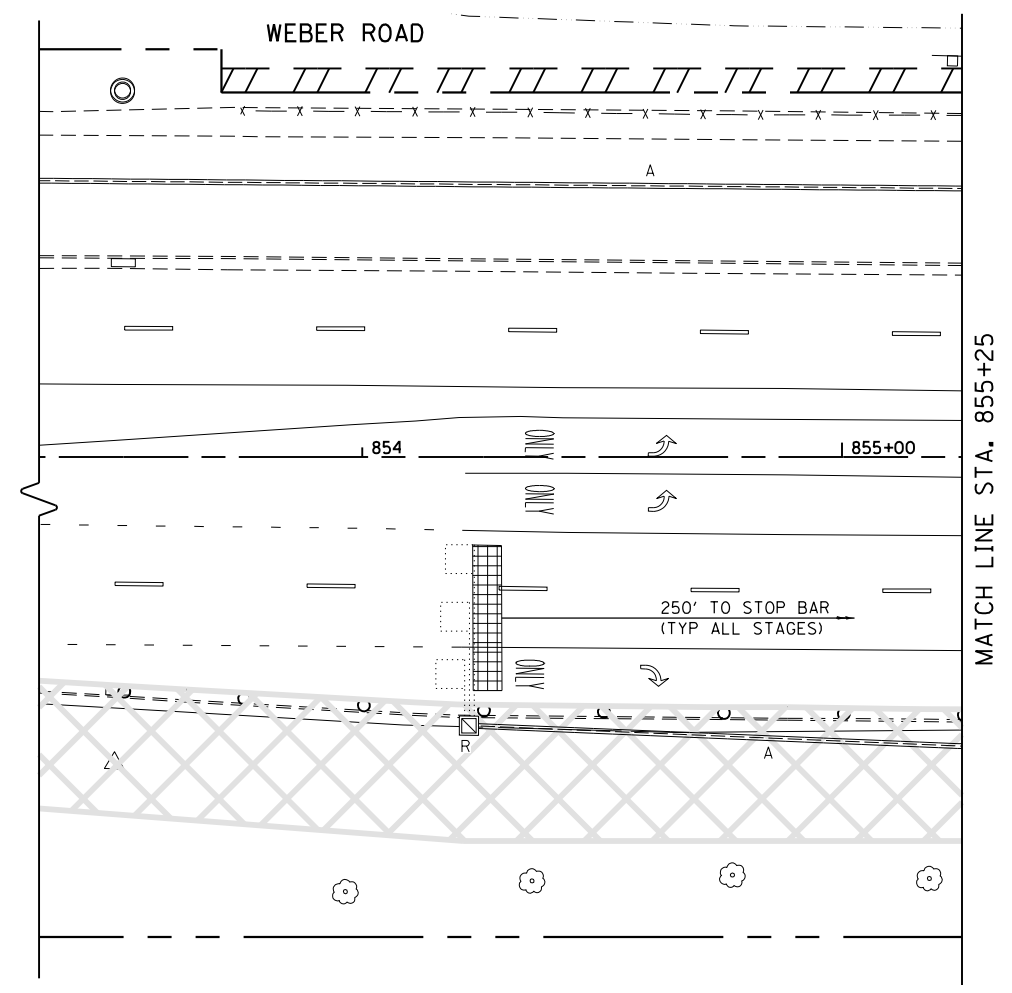
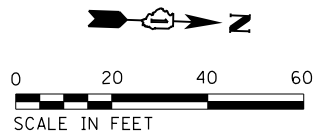
**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN  
WEBER ROAD AND RODEO DR / REMINGTON BLVD**

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

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	826
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

**TS  
ECON 132**

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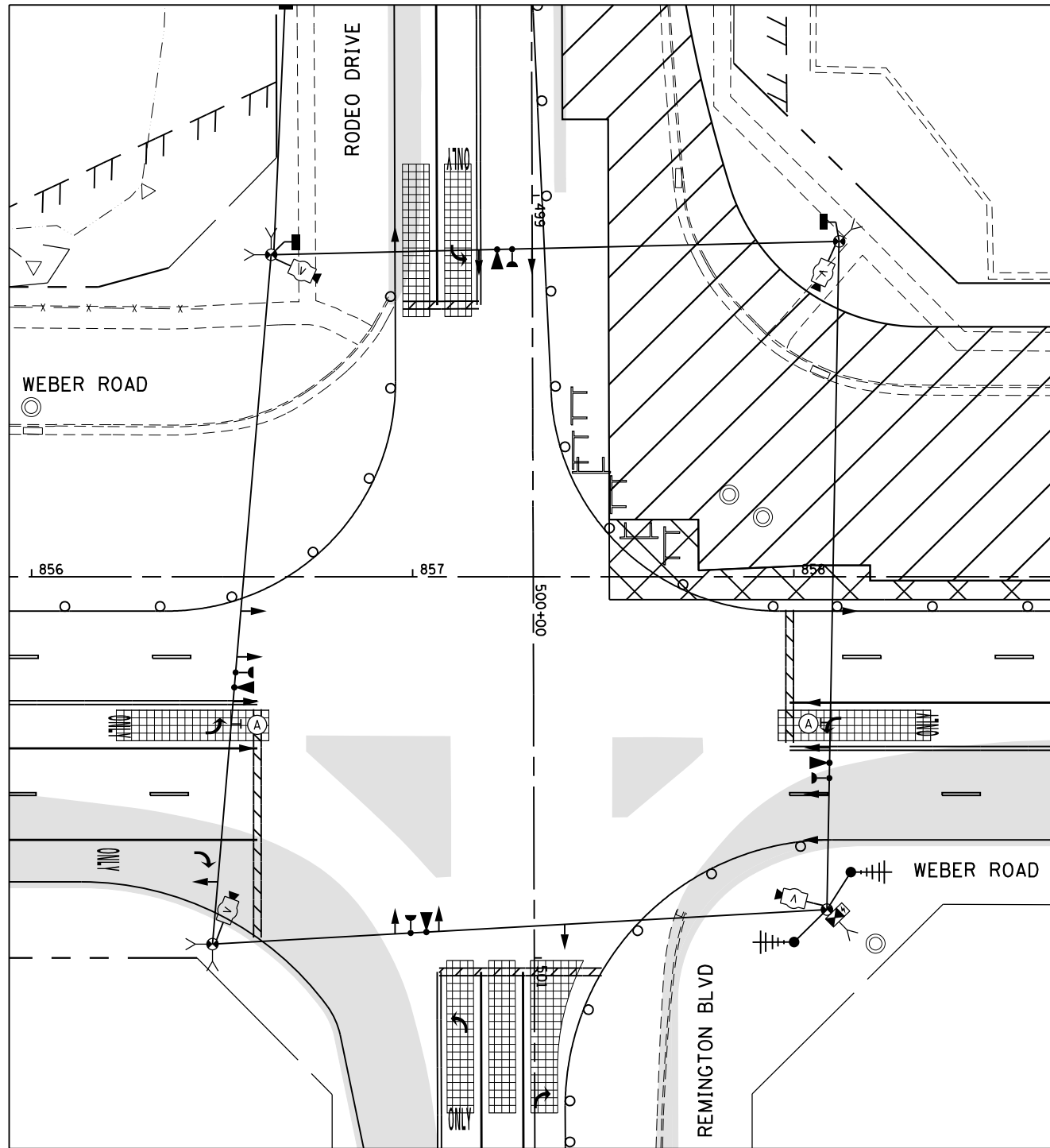
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	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ALL STAGES  
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING  
TRAFFIC SIGNAL EQUIPMENT PLAN  
WEBER ROAD AND RODEO DR / REMINGTON BLVD**

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	827
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

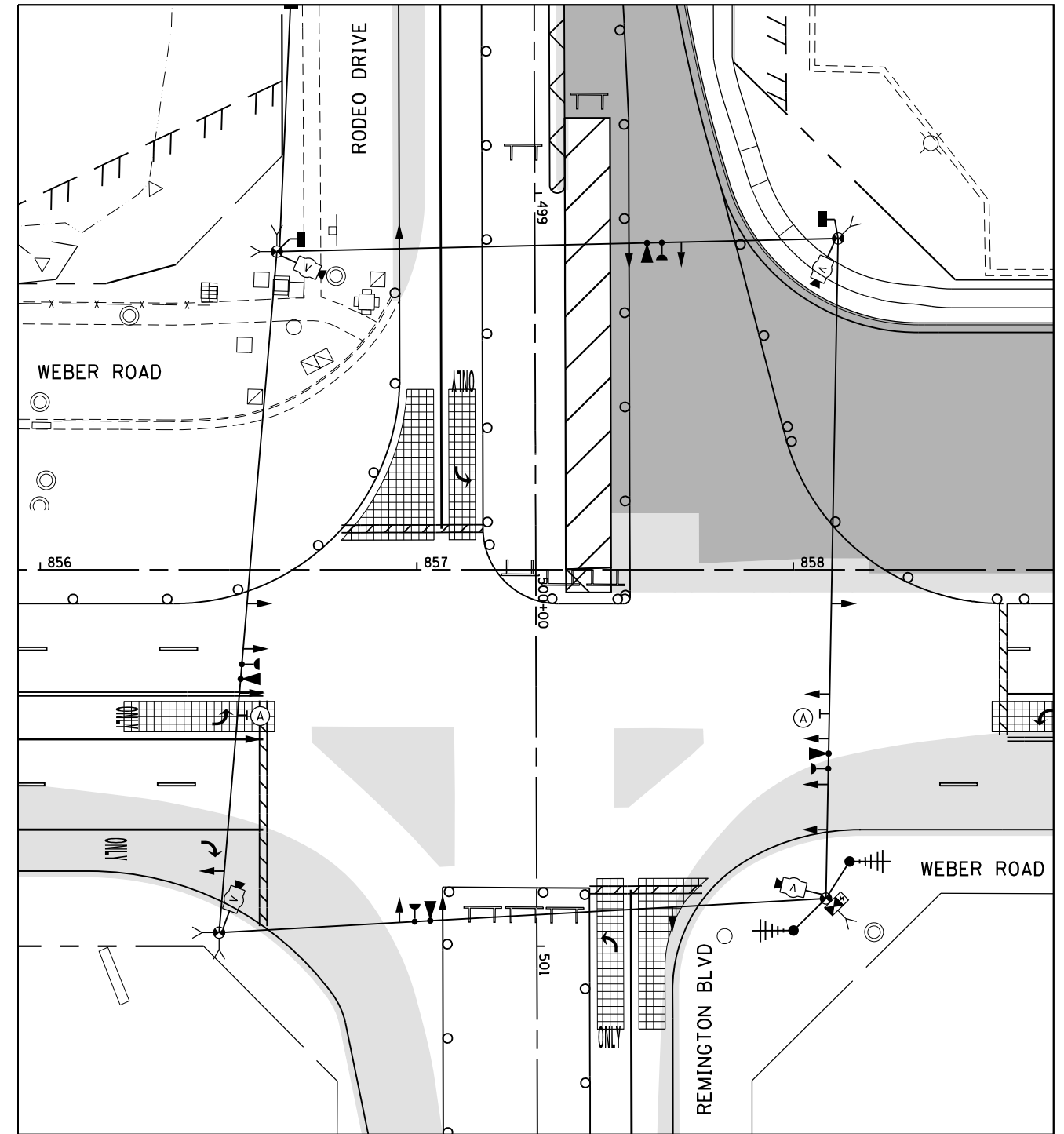
**TS  
ECON 132**



**STAGE 1**

(A) **LEFT ON GREEN ARROW ONLY**

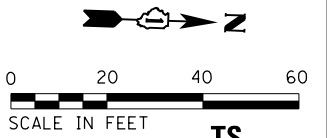
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



**STAGE 1A**

(A) **LEFT ON GREEN ARROW ONLY**

R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



**STAGE 1 AND 1A**

**TS**  
**ECON 132**

FILE NAME = D:\60X10-eh-t-150602.dgn

**KNIGHT**  
Engineers & Architects

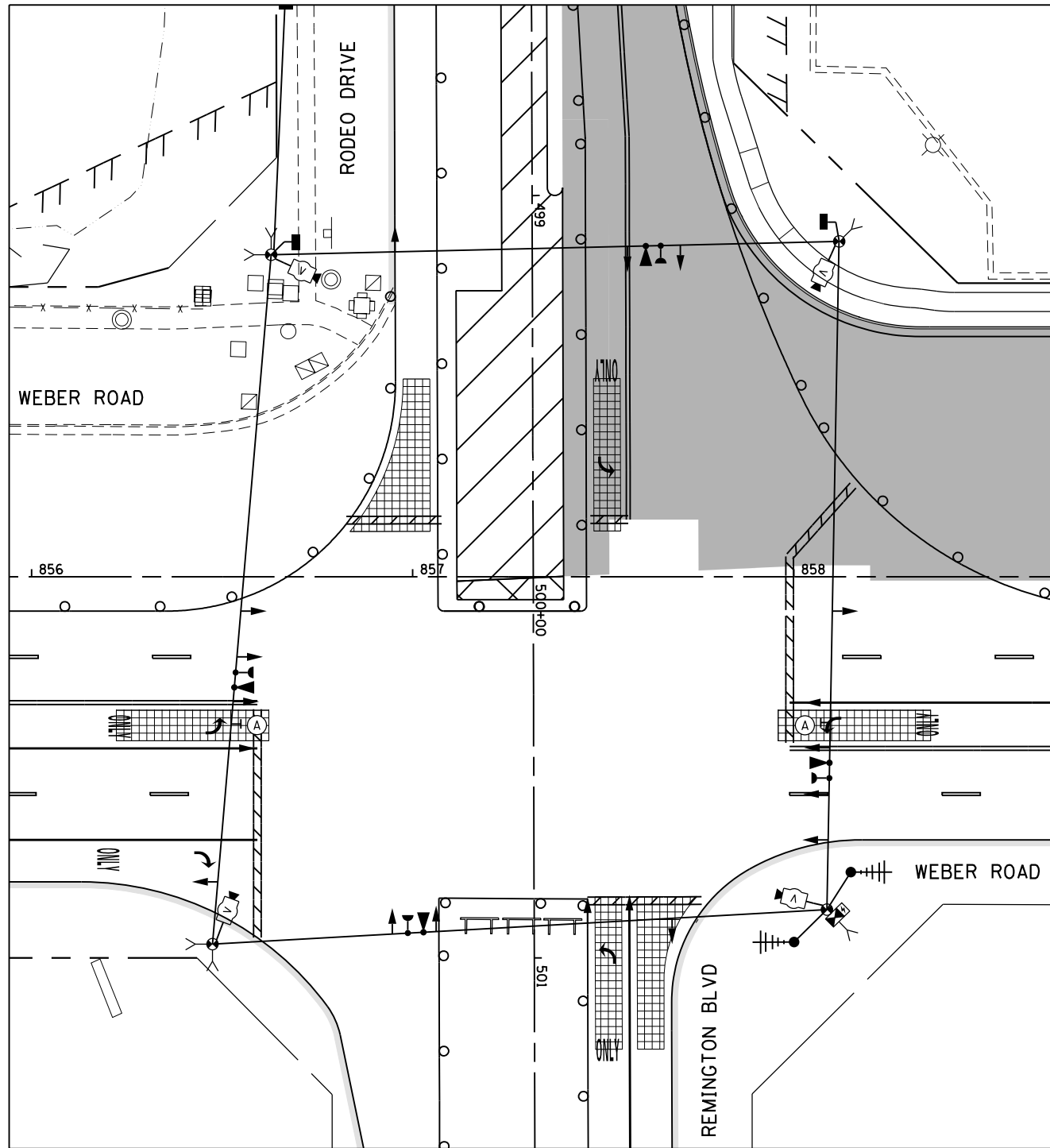
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

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

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**  
**WEBER ROAD AND RODEO DR / REMINGTON BLVD**

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

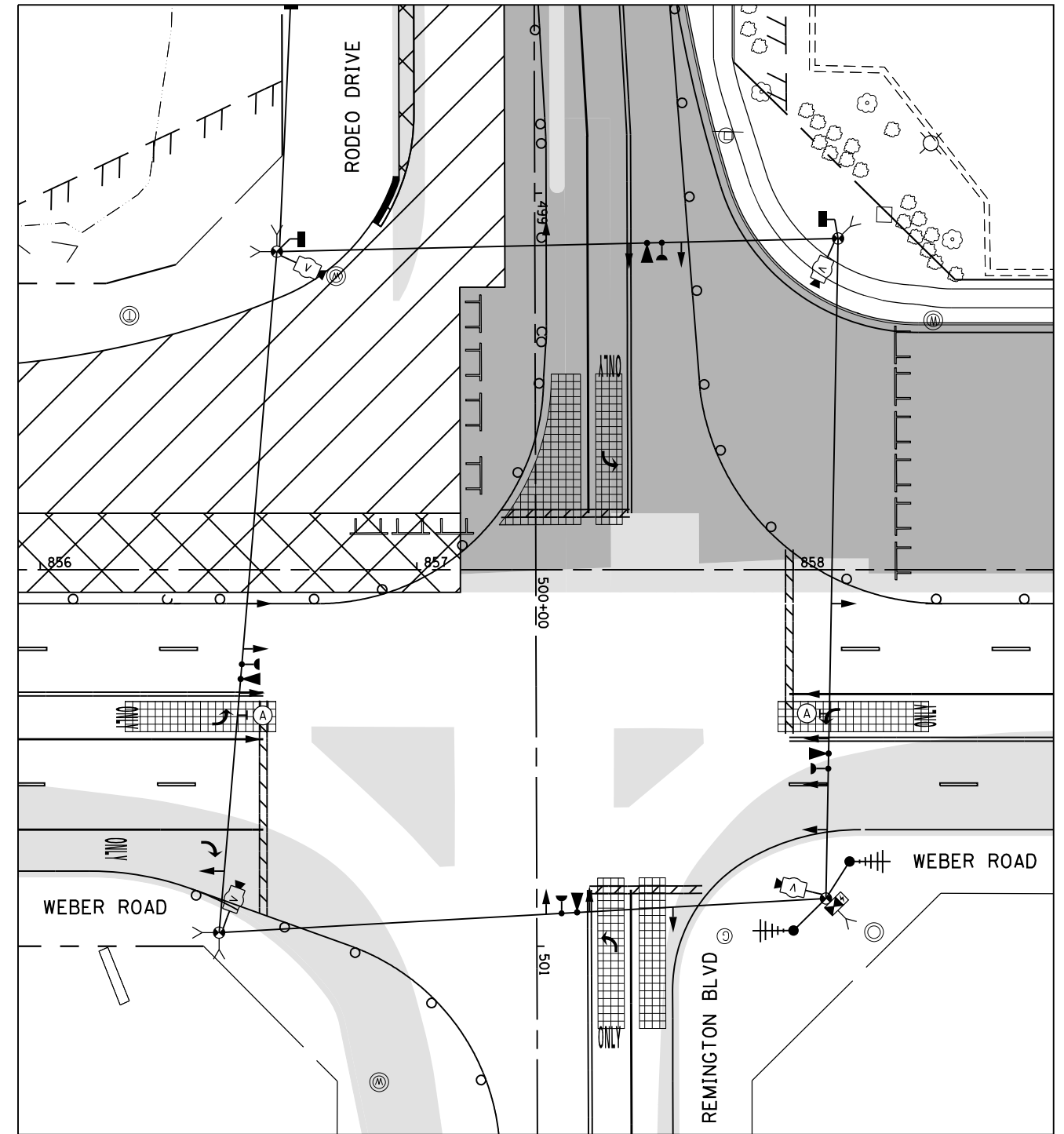
F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	828
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	



STAGE 1B



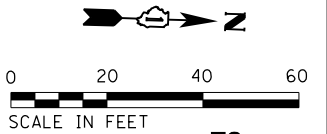
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 1C AND 1D



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 1B, 1C AND 1D

TS  
ECON 132

FILE NAME = D:\60X10-eh-t-150603.dgn

**KNIGHT**  
Engineers & Architects

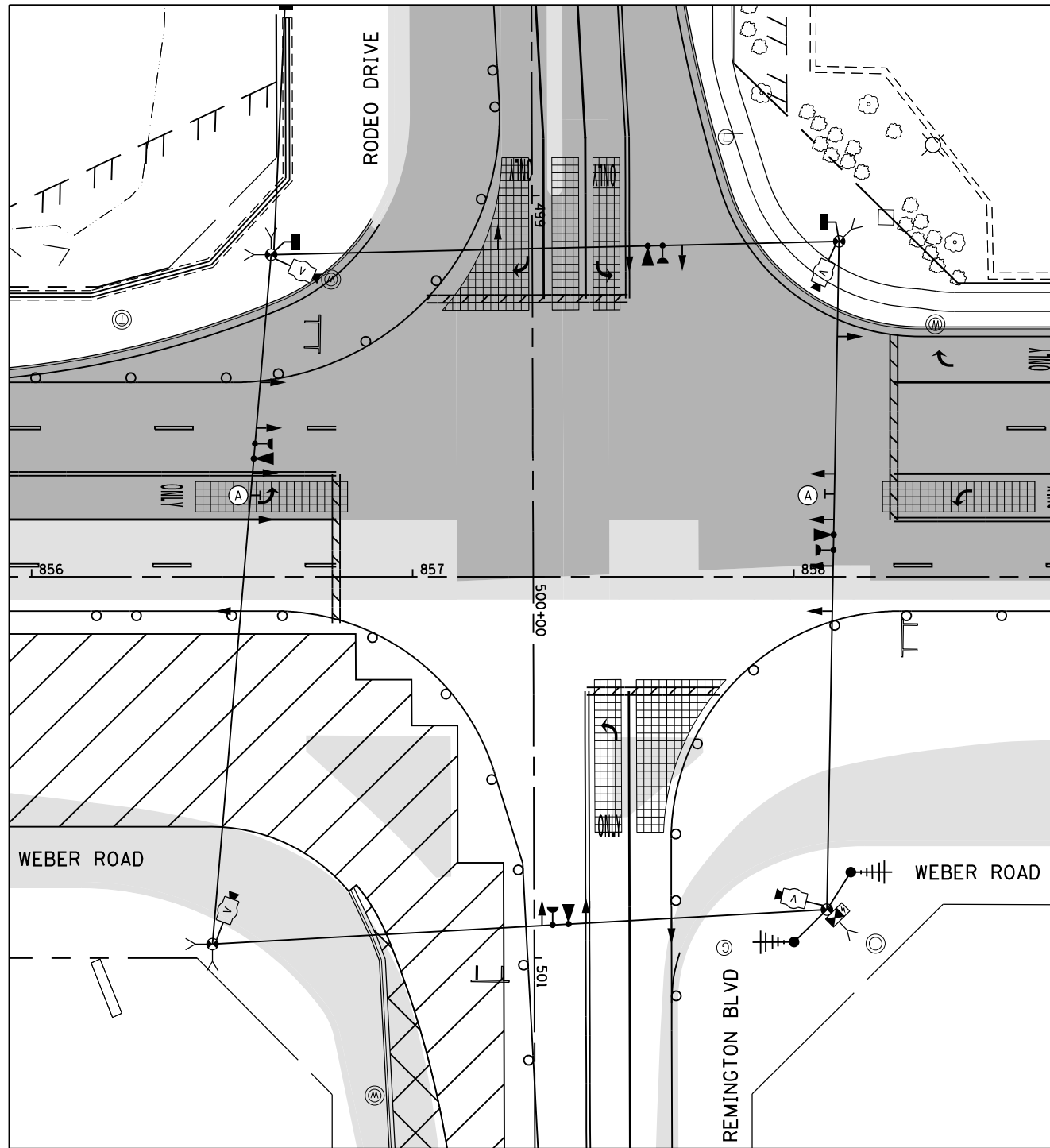
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

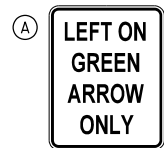
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  
WEBER ROAD AND RODEO DR / REMINGTON BLVD

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

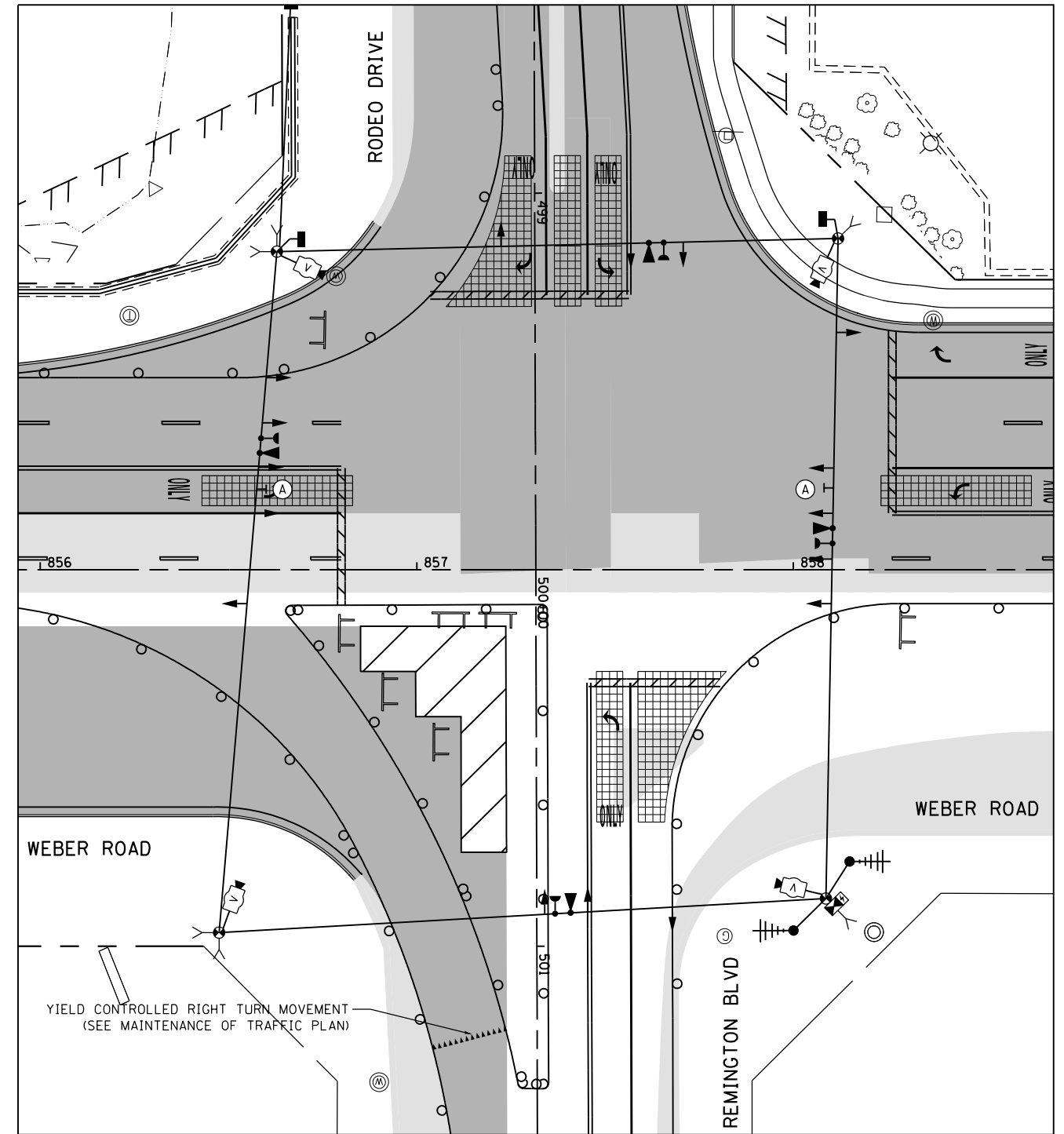
F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	829
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



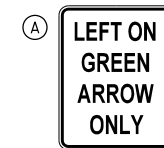
STAGE 2



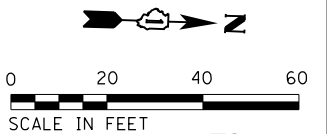
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 2A



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 2 AND 2A

TS  
ECON 132

FILE NAME = D:\60X10-eh-t-150604.dgn

**KNIGHT**  
Engineers & Architects

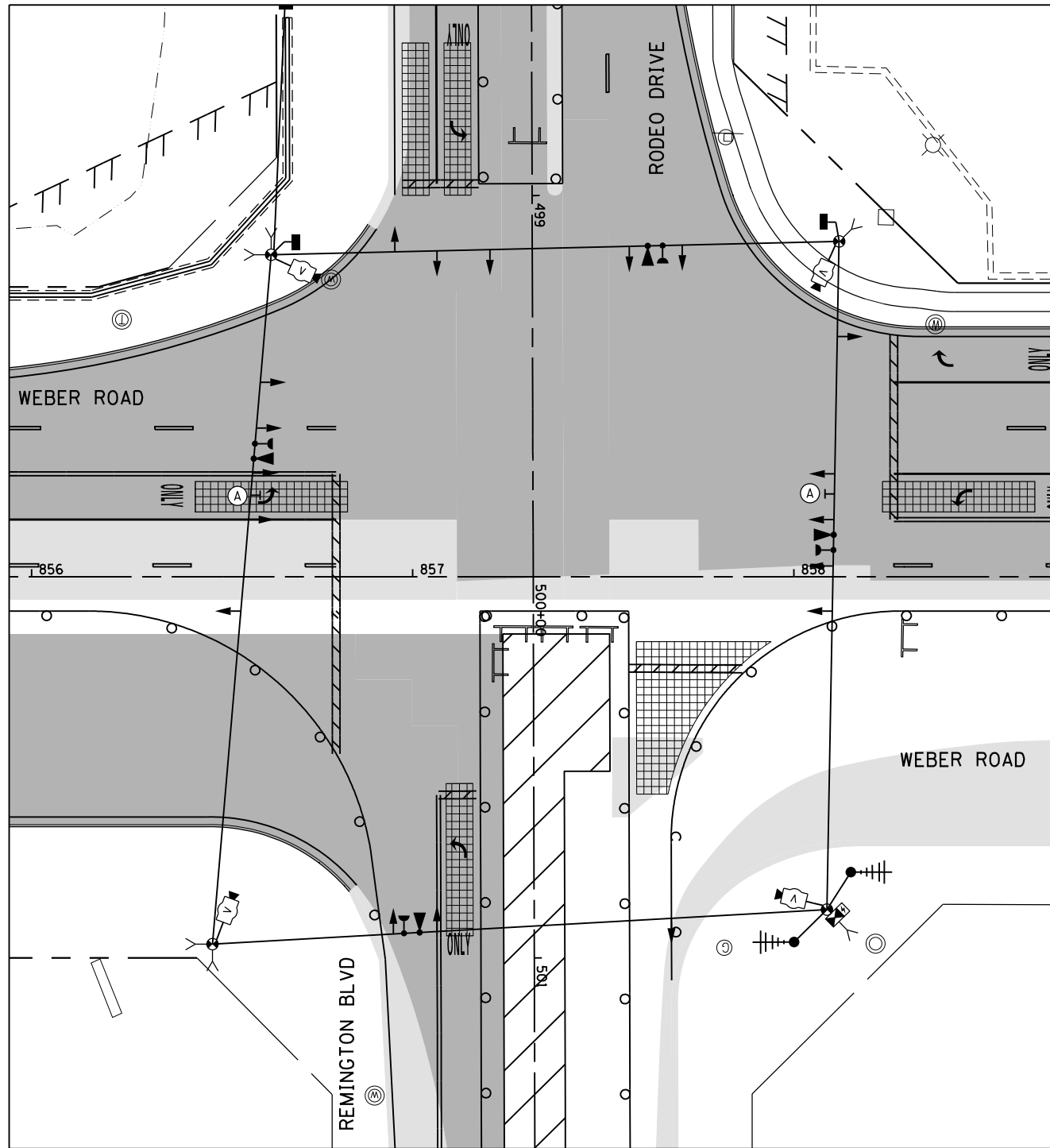
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN WEBER ROAD AND RODEO DR / REMINGTON BLVD			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	830
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

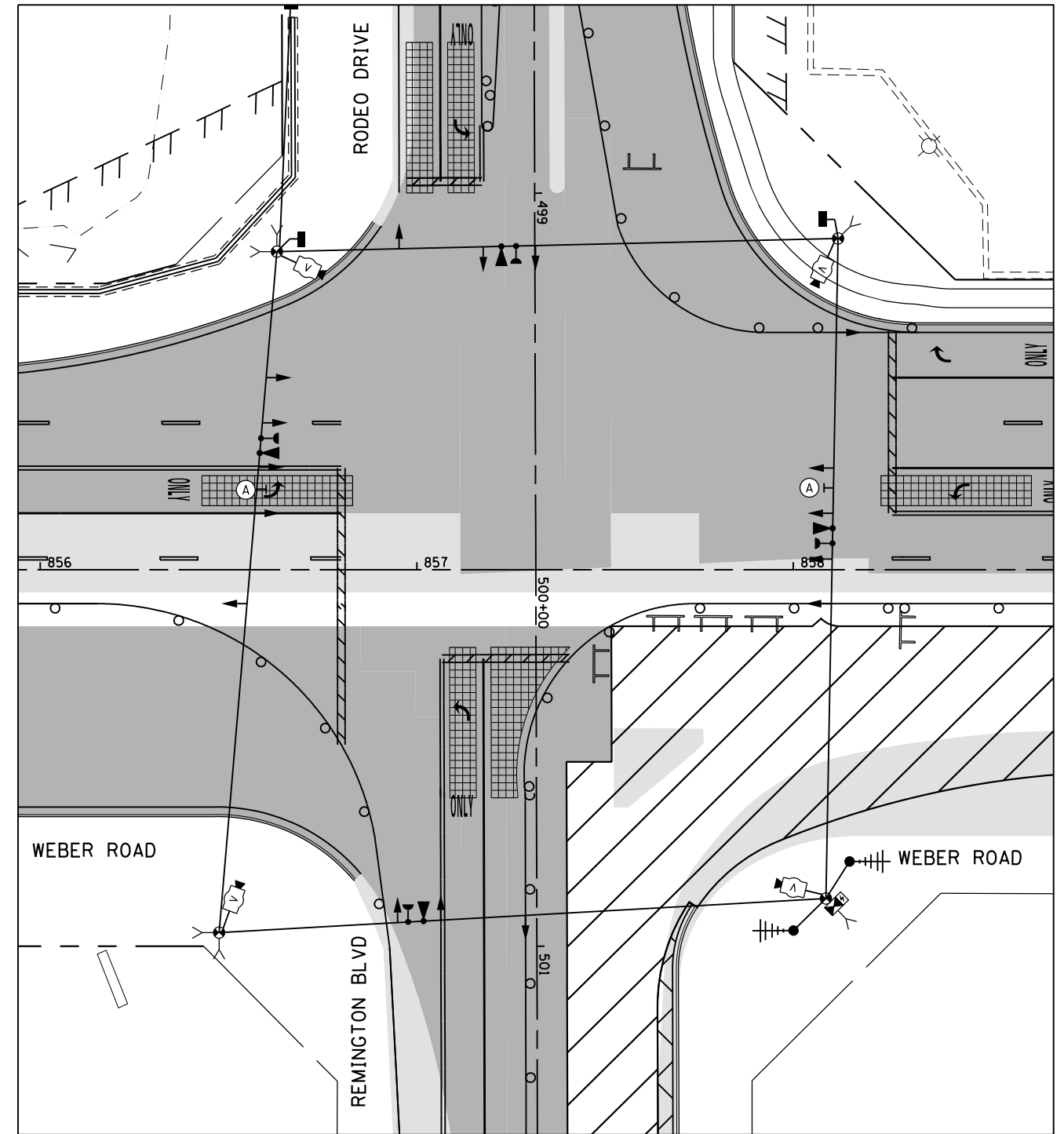




STAGE 2B



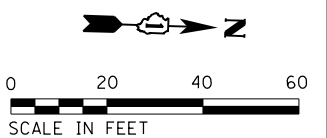
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 2C



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)



STAGE 2B AND 2C

TS  
ECON 132

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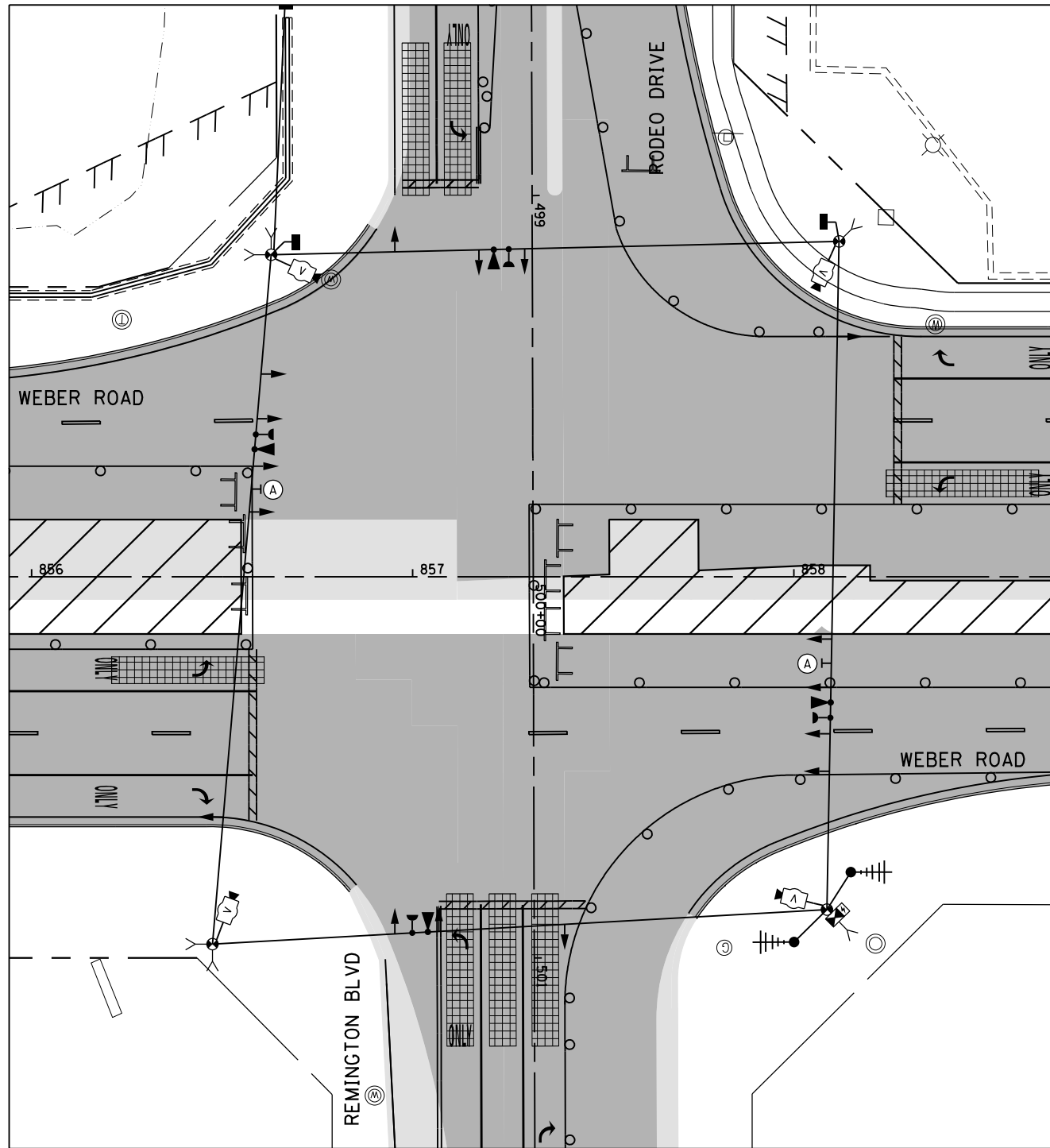
**KNIGHT**  
Engineers & Architects

USER NAME = gr01	DESIGNED GR	REVISED -
	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN WEBER ROAD AND RODEO DR / REMINGTON BLVD			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

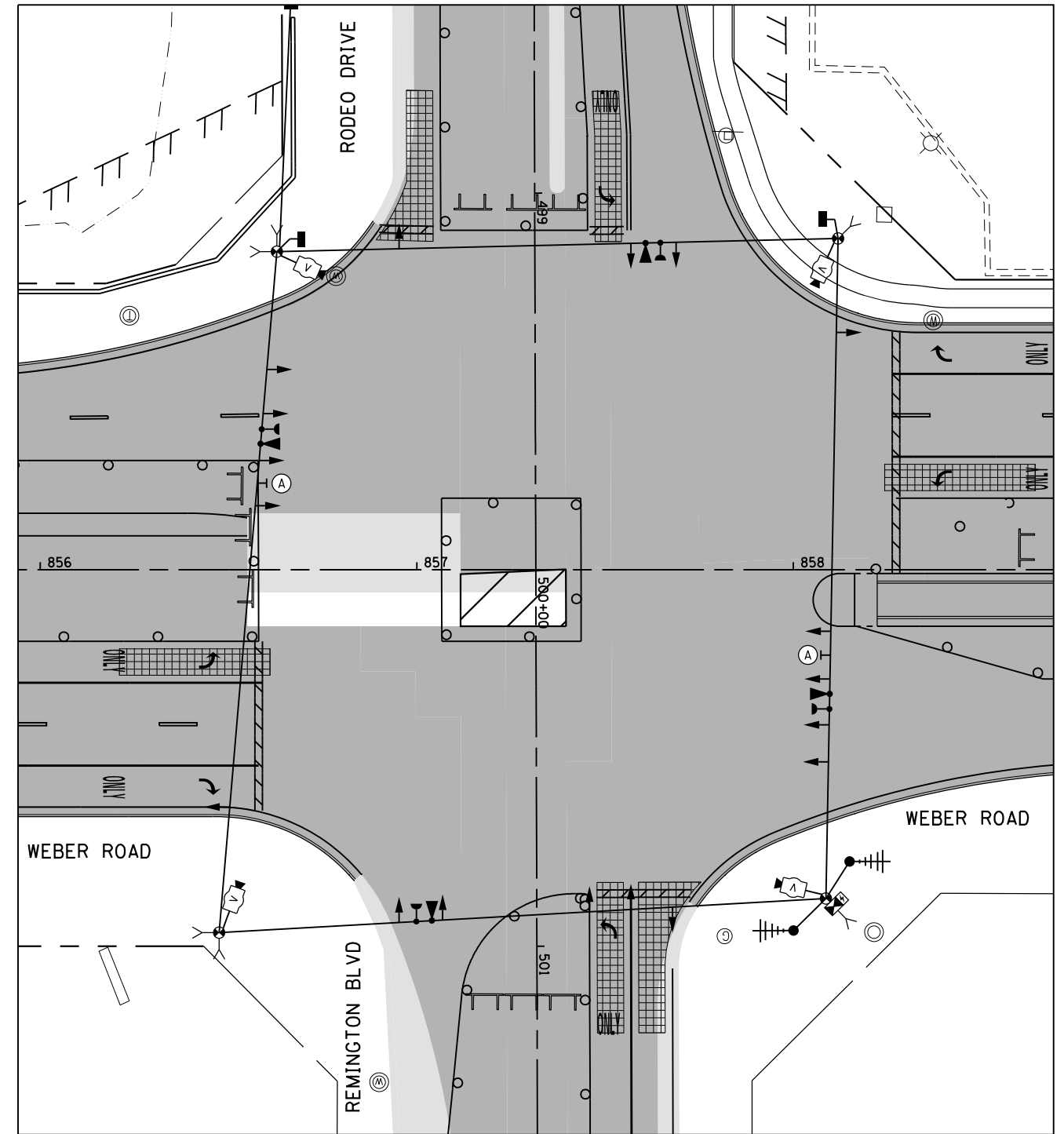
F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	831
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



**STAGE 3**

**(A) LEFT ON GREEN ARROW ONLY**

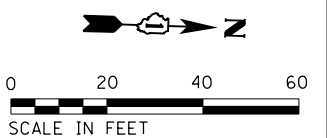
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



**STAGE 3A**

**(A) LEFT ON GREEN ARROW ONLY**

R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



**STAGE 3 AND 3A**

**TS**  
**ECON 132**

FILE NAME = D:\60X10-eh-t-150606.dgn

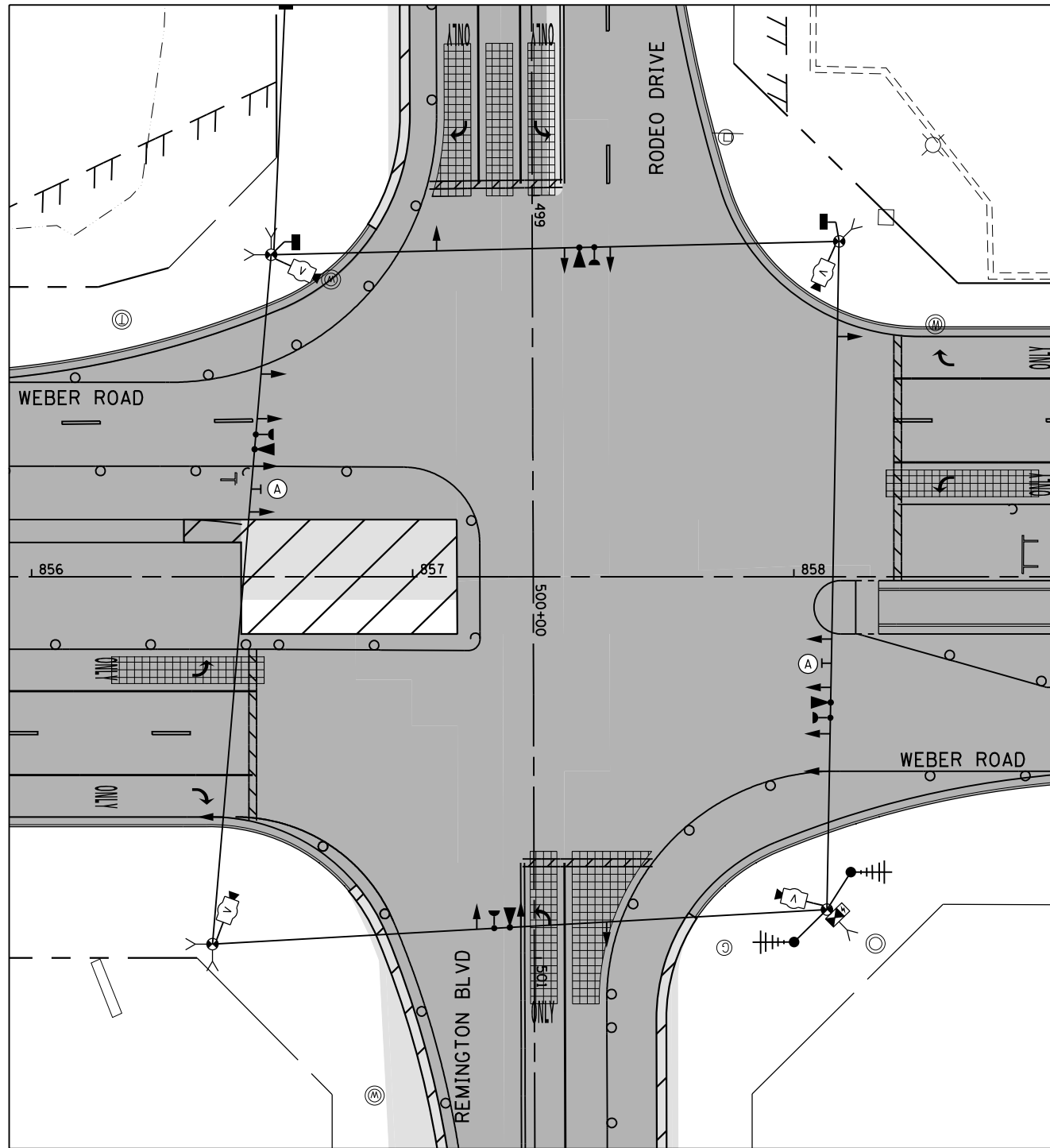
**KNIGHT**  
Engineers & Architects

USER NAME = gr01	DESIGNED GR	REVISED -
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PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

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

<b>TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN</b>			
<b>WEBER ROAD AND RODEO DR / REMINGTON BLVD</b>			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

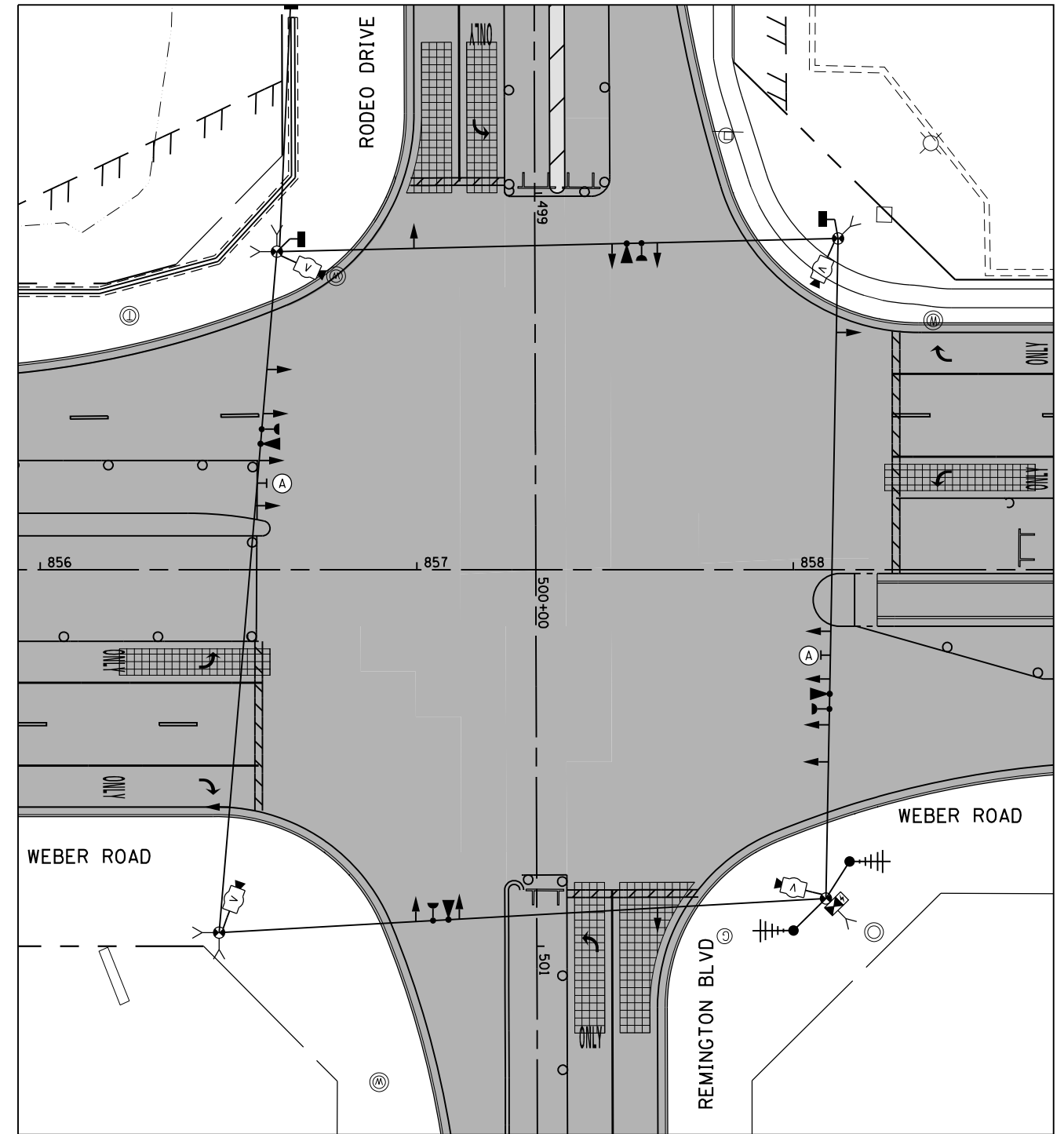
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*	(99-1HB-1) R-1	WILL	1508	832
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



**STAGE 3B**

**(A) LEFT ON GREEN ARROW ONLY**

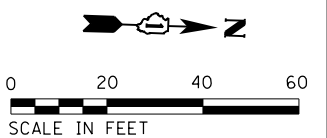
R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



**STAGE 3C**

**(A) LEFT ON GREEN ARROW ONLY**

R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



**STAGE 3B AND 3C**

**TS  
ECON 132**

FILE NAME = D:\60X10-eh-t-150607.dgn

**KNIGHT**  
Engineers & Architects

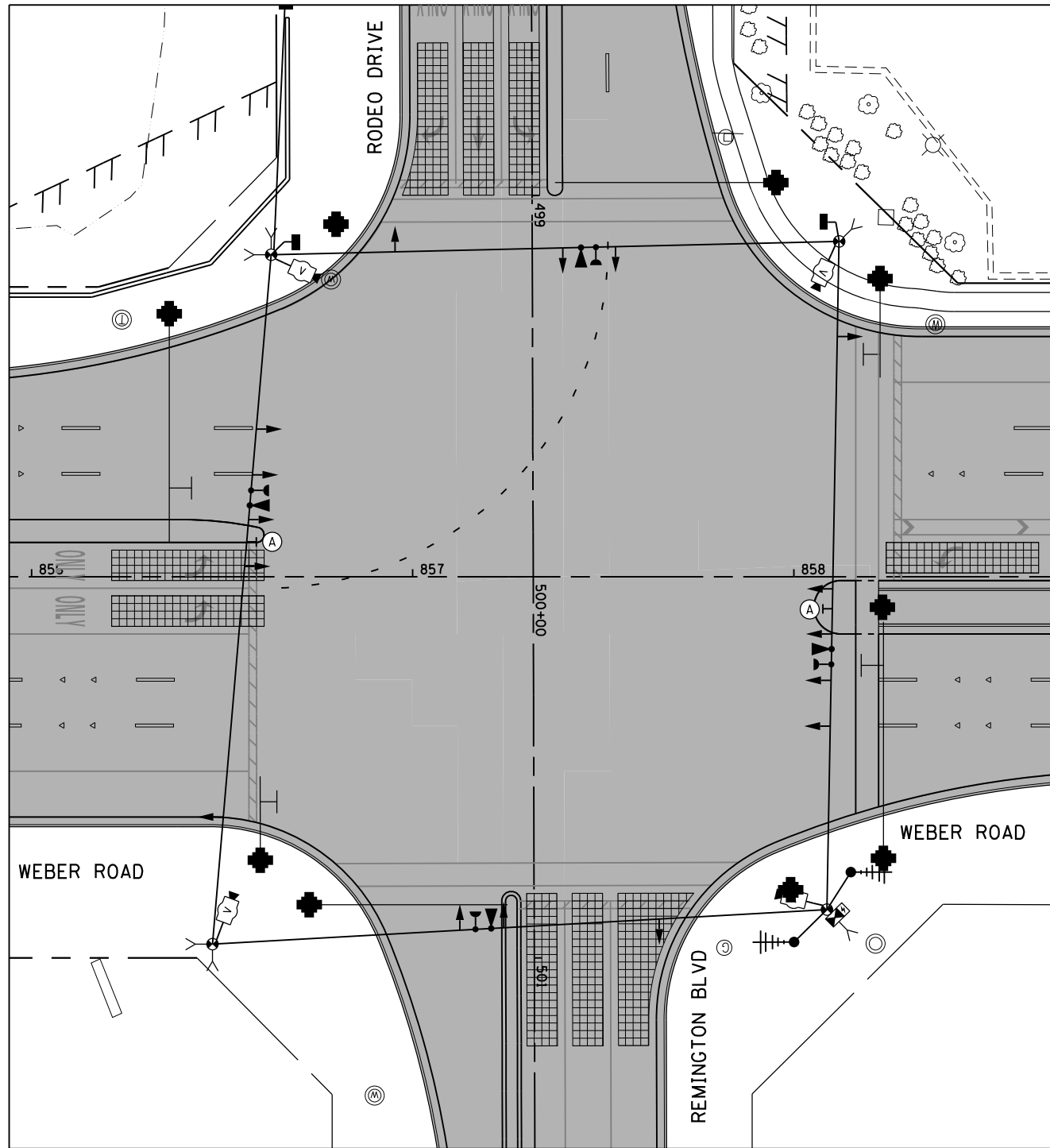
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  
WEBER ROAD AND RODEO DR / REMINGTON BLVD**

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

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	833
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



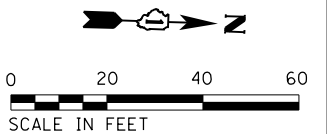
STAGE 4



R10-5  
30"x36"  
(2 REQUIRED)  
(INCLUDED IN THE UNIT  
COST OF TEMPORARY TRAFFIC  
SIGNAL INSTALLATION)

**NOTES:**

PERMANENT TRAFFIC SIGNAL AT THIS INTERSECTION AND PERMANENT INTERCONNECT ALONG WEBER ROAD SHALL BE TESTED IN STAGE 4 AND READY FOR ACTIVATION PRIOR TO STAGE 4A. IN STAGE 4A AND 4B, WHEN THE DDI TRAFFIC CONFIGURATION IS IN EFFECT, INTERSECTIONS AT NORMANTOWN, RAMPS C/B, RAMPS D/A, REMINGTON/WINDHAM AND RODEO/REMINGTON SHALL OPERATE WITH THE PERMANENT TRAFFIC SIGNALS AND INTERCONNECT.



TS  
ECON 132

STAGE 4

FILE NAME = D:\60X10\eh\150608.dgn



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	DRAWN GR	REVISED -
PLOT SCALE = 1:40	CHECKED MJM	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

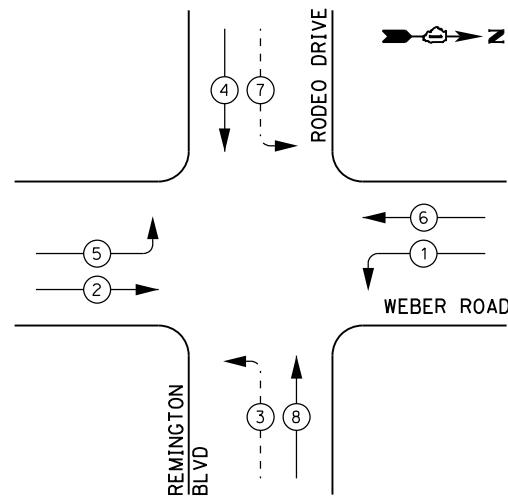
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN  
WEBER ROAD AND RODEO DR / REMINGTON BLVD

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

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	834
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

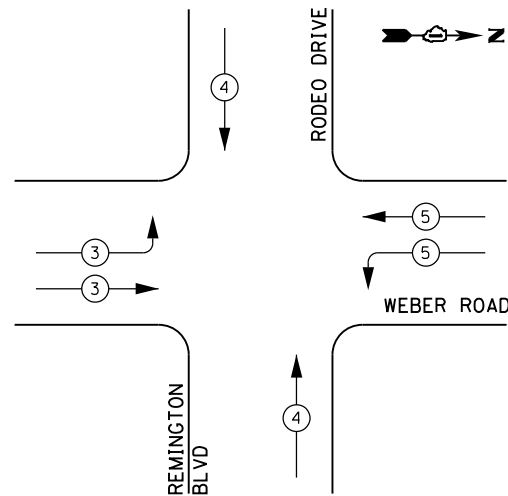
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

- ← (⊛) ← PROTECTED PHASE
- ← (⊛) ← PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE
- ← (⊛) OL OVERLAP

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



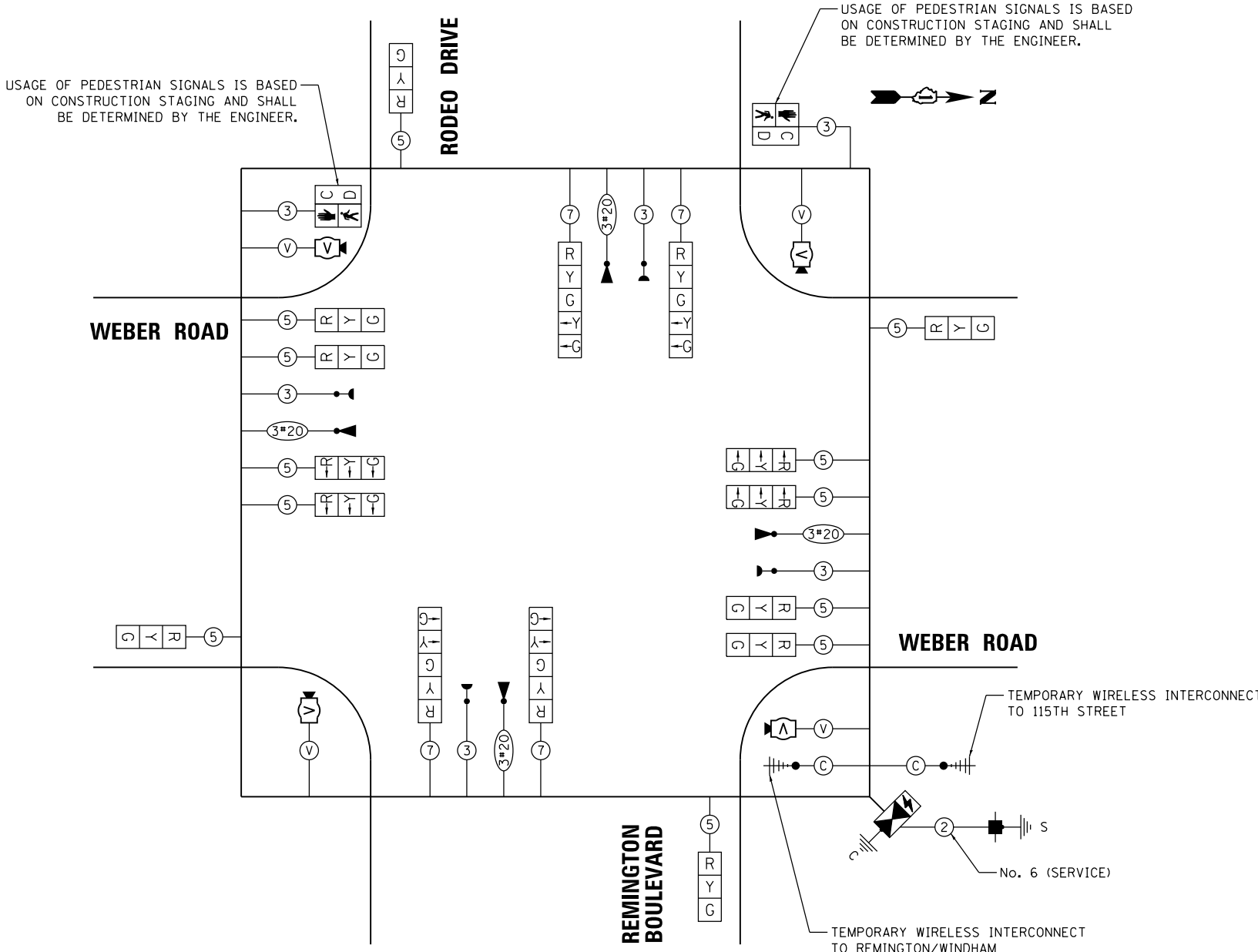
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	-	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	310	50	--
TOTAL =				513.4

ENERGY COSTS TO:

VILLAGE OF BOLINGBROOK  
375 W BRIARCLIFF ROAD  
BOLINGBROOK, ILLINOIS 60440

ENERGY SUPPLY: CONTACT: SHEENA WILLIAMS  
PHONE: (630) 985-4004  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: \_\_\_\_\_



**TEMPORARY CABLE PLAN PRE-STAGE, STAGE 1 AND 4**

FILE NAME = D:\08X10\eh\150821.dgn



USER NAME = gr01  
DESIGNED GR  
DRAWN GR  
PLOT SCALE = 1:40  
CHECKED MJM  
PLOT DATE = 6/29/2017

DESIGNED GR  
DRAWN GR  
CHECKED MJM  
DATE 08/04/17

REVISED -  
REVISED -  
REVISED -  
REVISED -

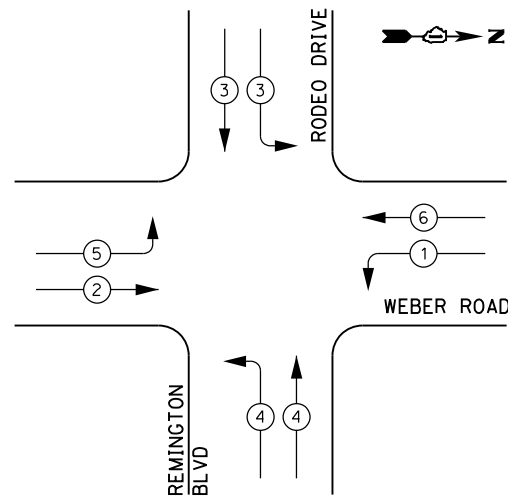
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PRE-STAGE, STAGE 1 AND 4  
**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE WEBER ROAD AND RODEO DR / REMINGTON BLVD**  
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	835
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

TS  
ECON 132

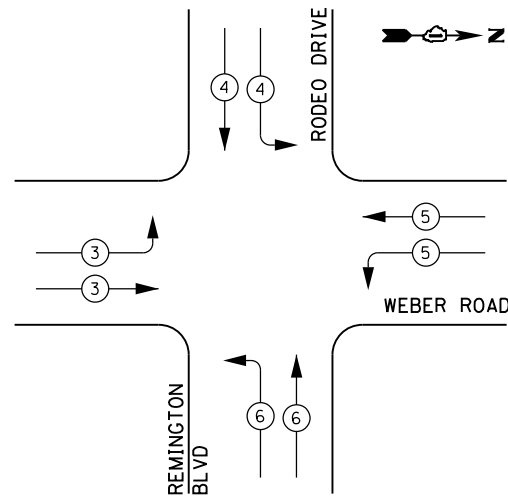
**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND:**

- ← \* → PROTECTED PHASE
- ← \* - PROTECTED/PERMITTED PHASE
- ← \* → PEDESTRIAN PHASE
- ← \* OL → OVERLAP

**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**



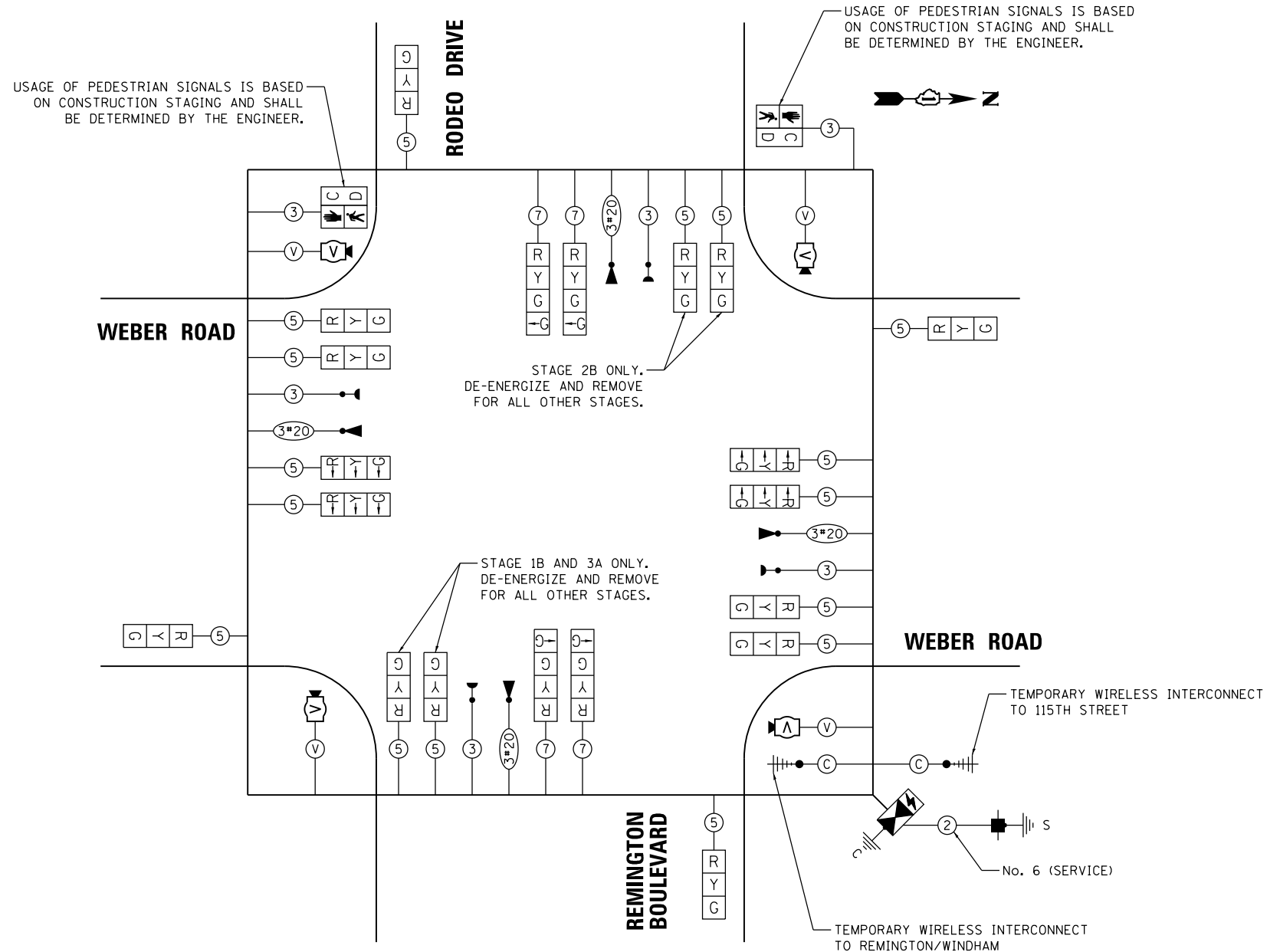
**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20	11	50	110.0
(YELLOW)	20	20	5	20.0
(GREEN)	24	12	45	129.6
PERMISSIVE ARROW	-	10	10	--
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	310	50	--
TOTAL =				574.6

ENERGY COSTS TO:

VILLAGE OF BOLINGBROOK  
375 W BRIARCLIFF ROAD  
BOLINGBROOK, ILLINOIS 60440

ENERGY SUPPLY: CONTACT: SHEENA WILLIAMS  
PHONE: (630) 985-4004  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: \_\_\_\_\_



**TEMPORARY CABLE PLAN STAGES 1A, 1B, 1C, 1D, 2, 2A, 2B, 2C, 3, 3A, 3B AND 3C**

PHASING NOTES FOR STAGES 1A, 1B, 1C, 2, 2A, 2B, 2C, 3, 3A, 3B AND 3C:

PROVIDE SPLIT PHASING FOR EASTBOUND AND WESTBOUND MOVEMENTS.

PROVIDE LEAD-LAG PHASING FOR NORTHBOUND AND SOUTHBOUND LEFT TURN MOVEMENTS TO ENSURE THAT OPPOSING LEFT TURNS DO NOT OCCUR SIMULTANEOUSLY.

**STAGES 1A, 1B, 1C, 1D, 2, 2A, 2B, 2C, 3, 3A, 3B AND 3C**

**TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE WEBER ROAD AND RODEO DR / REMINGTON BLVD**

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

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	836
CONTRACT NO. 60X10				

\* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT

**TS**  
**ECON 132**

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

DESIGNED GR	REVIS	-
DRAWN GR	REVIS	-
CHECKED MJM	REVIS	-
DATE 08/04/17	REVIS	-

**KNIGHT**  
Engineers & Architects

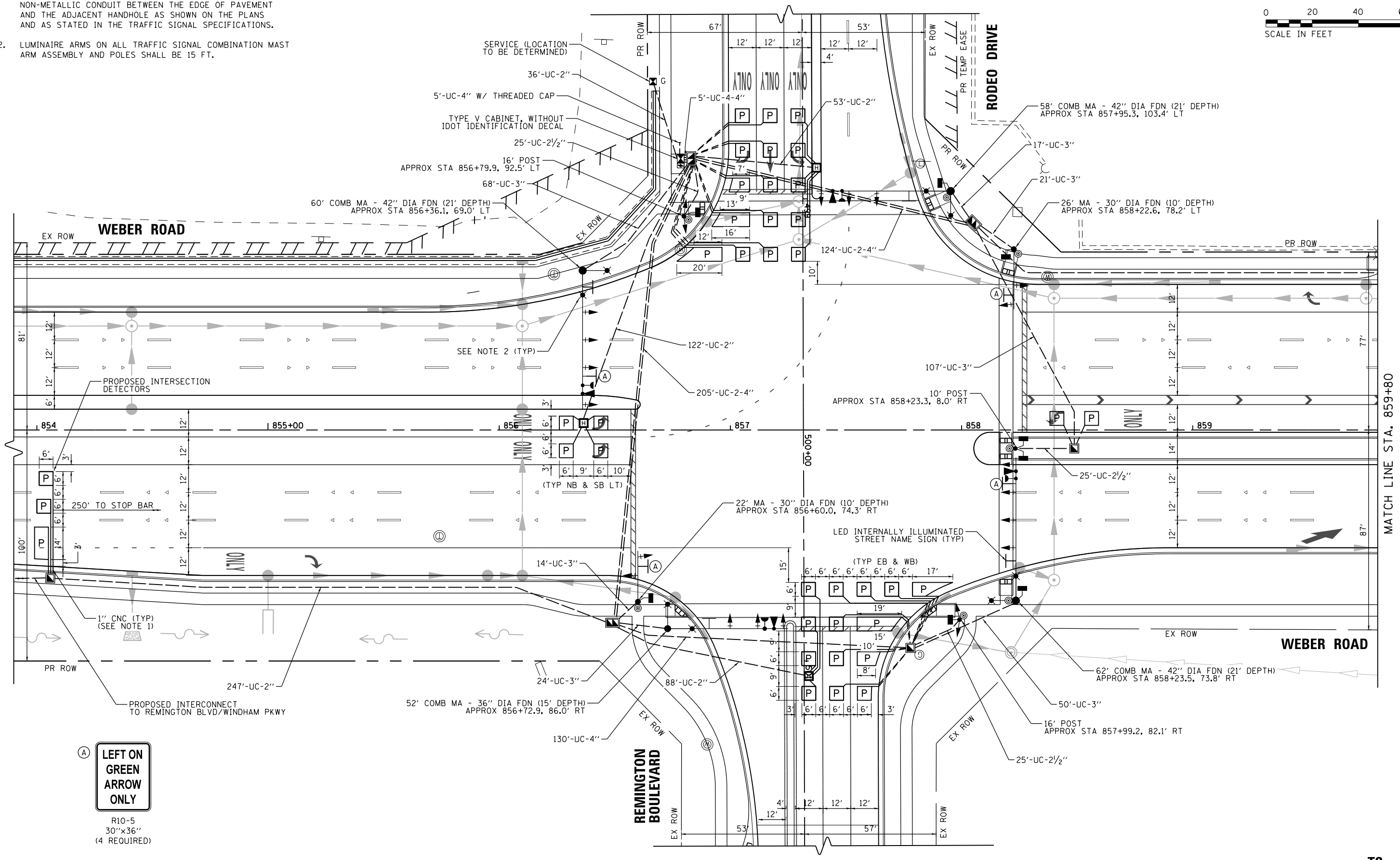
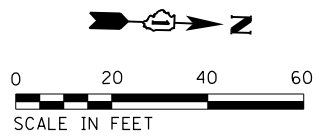
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PLOT DATE = 6/29/2017

FILE NAME = D:\08X10\eh\150822.dgn



**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. LUMINAIRE ARMS ON ALL TRAFFIC SIGNAL COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE 15 FT.



R10-5  
30"x36"  
(4 REQUIRED)

FILE NAME = D:\60X10-eh-t-151500.dgn



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	DATE 08/04/17	REVISED -

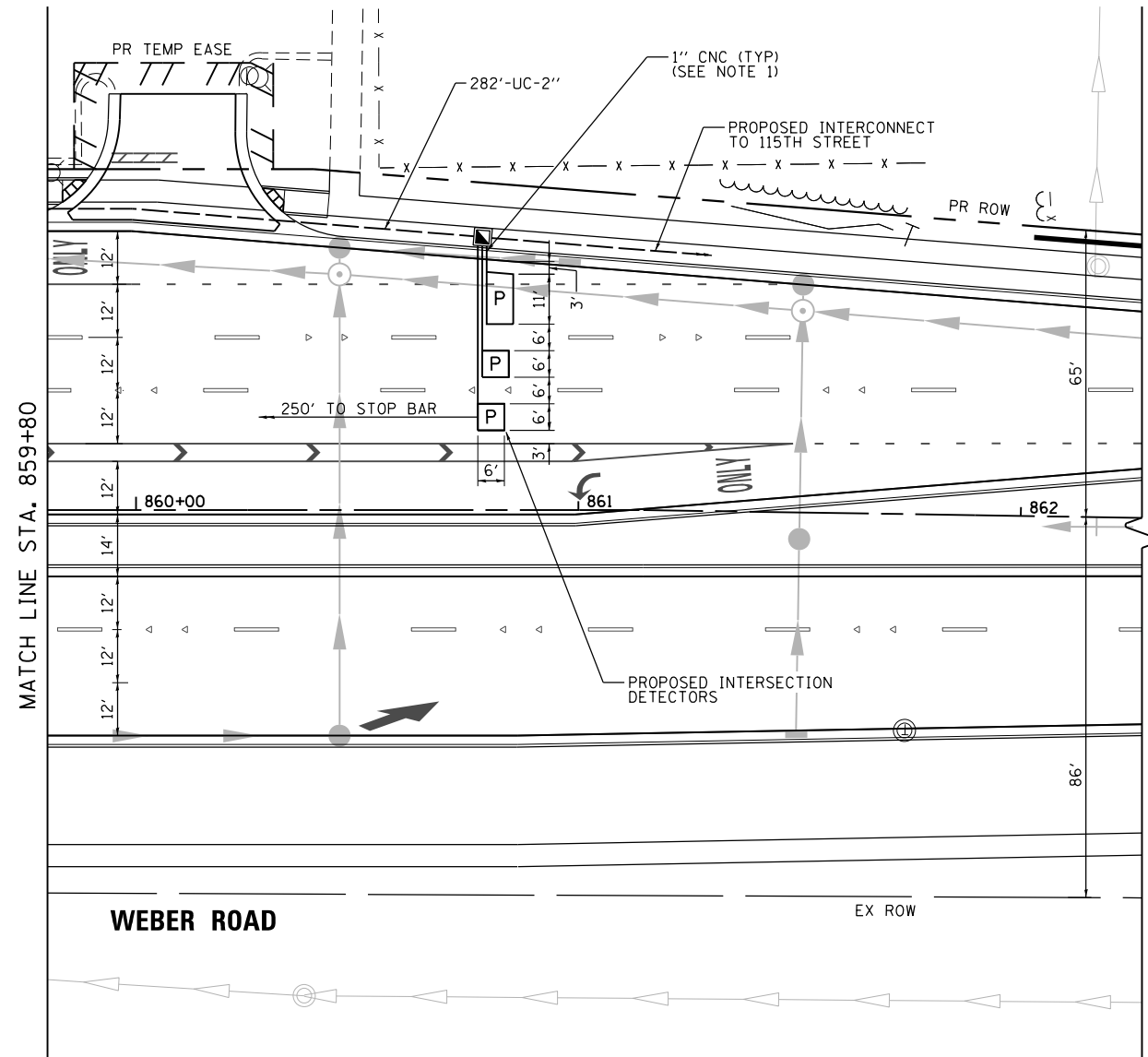
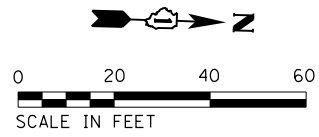
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 1 OF 2)  
WEBER ROAD AND RODEO DR / REMINGTON BLVD

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

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	837
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

TS  
ECON 132



**NOTES:**

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

FILE NAME = D:\60X10-eh-t-151501.dgn



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PLOT DATE = 6/29/2017	DATE 08/04/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

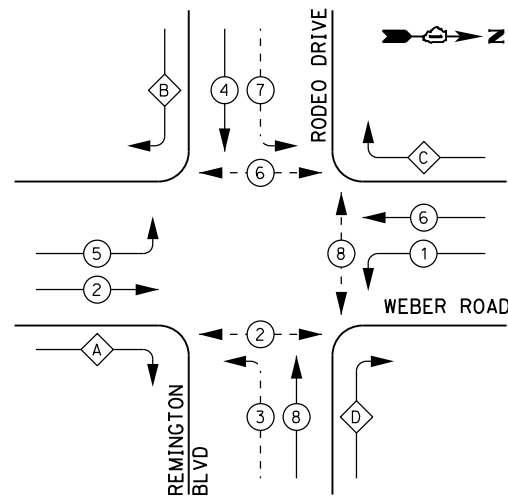
**TRAFFIC SIGNAL MODERNIZATION PLAN (SHEET 2 OF 2)  
WEBER ROAD AND RODEO DR / REMINGTON BLVD**

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

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	838
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**TS  
ECON 132**

**PROPOSED CONTROLLER SEQUENCE**



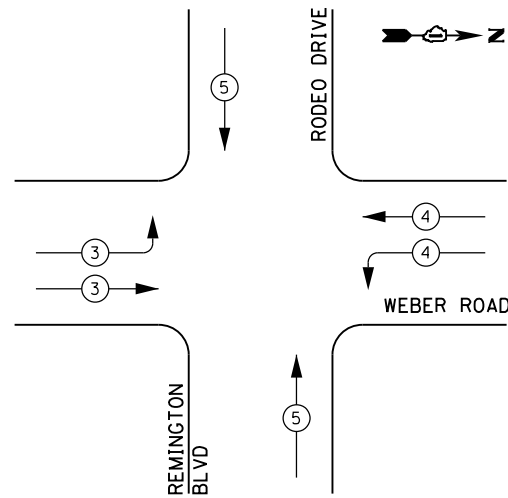
**LEGEND:**

- ← \* → PROTECTED PHASE
- ← - \* - → PROTECTED/PERMITTED PHASE
- ← \* → PEDESTRIAN PHASE
- ← \* OL → OVERLAP

**RIGHT TURN OVERLAP PHASE DESIGNATION:**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
B	= 4	+ 5
C	= 6	+ 7
D	= 8	+ 1

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	22	11	50	121.0
(YELLOW)	22	20	5	22.0
(GREEN)	22	12	45	118.8
PERMISSIVE ARROW	24	10	10	24.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	--
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	8	310	50	1240.0
TOTAL =				2050.8

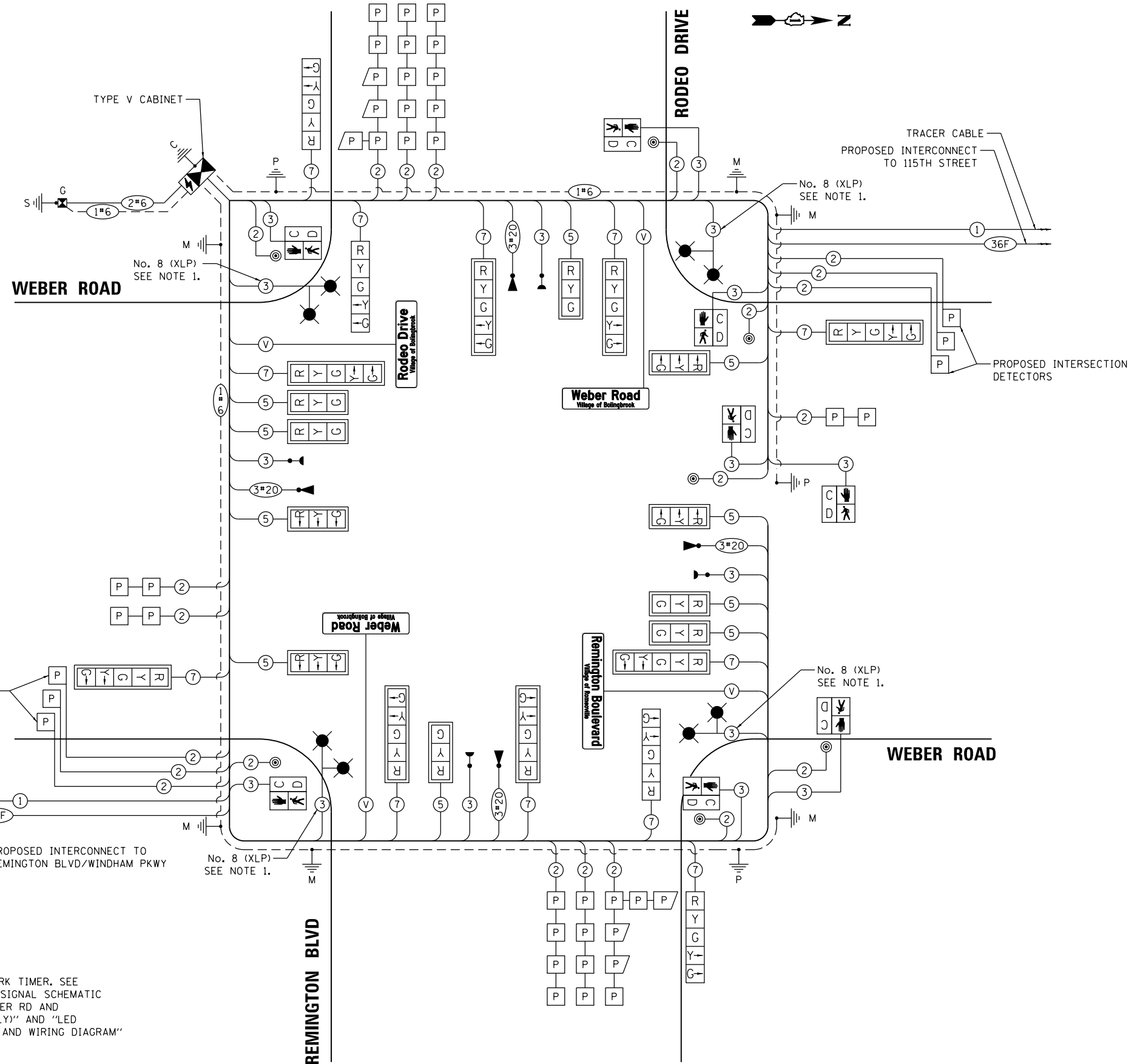
ENERGY COSTS TO:

VILLAGE OF BOLINGBROOK  
375 W BRIARCLIFF ROAD  
BOLINGBROOK, ILLINOIS 60440

ENERGY SUPPLY: CONTACT: SHEENA WILLIAMS  
PHONE: (630) 985-4004  
COMPANY: COMMONWEALTH EDISON  
ACCOUNT NUMBER: 097-10-64025

**NOTES:**

- LUMINAIRES SHALL BE CONTROLLED BY TORK TIMER. SEE DETAIL "COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC (FOR REMINGTON BLVD/WINDHAM PKWY/WEBER RD AND RODEO DR/REMINGTON BLVD/WEBER RD ONLY)" AND "LED ILLUMINATED STREET NAME INSTALLATION AND WIRING DIAGRAM" DETAIL.



**CABLE PLAN**  
(NOT TO SCALE)

FILE NAME = D:\60X10\eh\151521.dgn

**KNIGHT**  
Engineers & Architects

USER NAME = gr01	DESIGNED GR	REVISED -
PLOT SCALE = 1:40	DRAWN GR	REVISED -
PLOT DATE = 6/29/2017	CHECKED MJM	REVISED -
	DATE 08/04/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE  
WEBER ROAD AND RODEO DRIVE / REMINGTON BOULEVARD

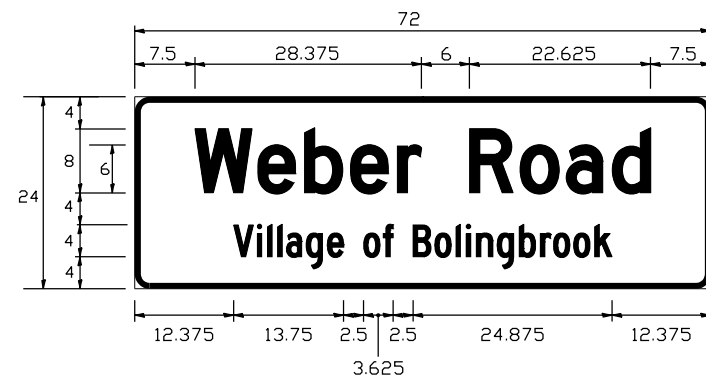
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	839
				CONTRACT NO. 60X10
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

TS  
ECON 132

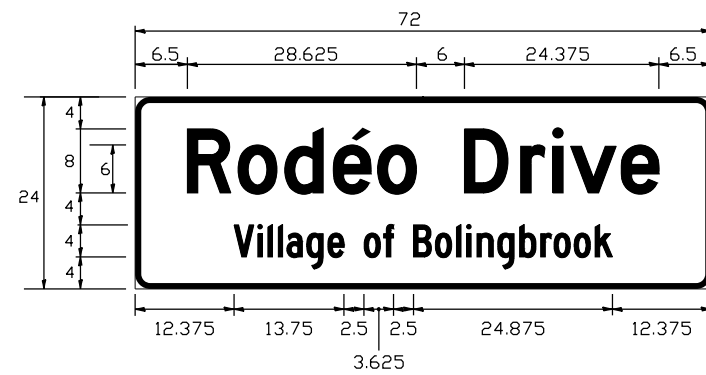
**LED INTERNALLY ILLUMINATED STREET NAME SIGN**

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



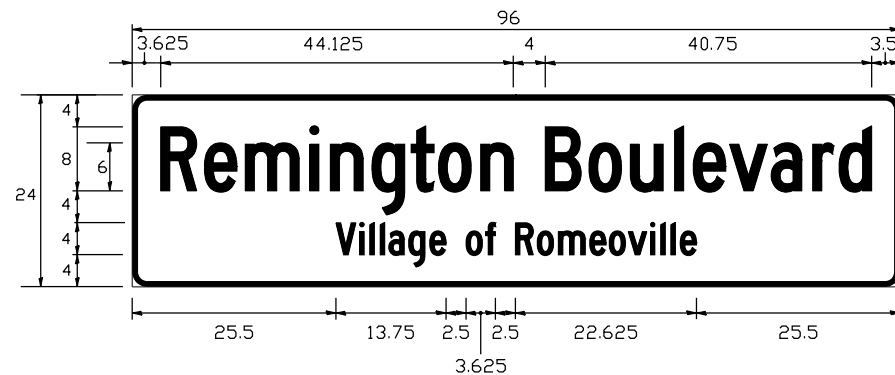
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
TOP LINE - D BOT. LINE - C	12.0	LED ILLUMINATED	N/A	2

SIGNS SHALL BE DOUBLE-SIDED



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
TOP LINE - D BOT. LINE - C	12.0	LED ILLUMINATED	N/A	1

SIGNS SHALL BE DOUBLE-SIDED



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	INTERSECTION QTY. REQUIRED
TOP LINE - C BOT. LINE - C	16.0	LED ILLUMINATED	N/A	1

SIGNS SHALL BE DOUBLE-SIDED

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

**SCHEDULE OF QUANTITIES**

PAY ITEM NAME	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	30
SERVICE INSTALLATION - GROUND MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	828
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	75
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	301
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	813
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	3
DOUBLE HANDHOLE	EACH	3
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	1,000
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1,863
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3,511
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,088
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3,245
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4,598
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	51
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1,439
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 62 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	63
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	8
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	18
INDUCTIVE LOOP DETECTOR	EACH	15
PREFORMED DETECTOR LOOP	FOOT	1,719
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	7
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	11
REMOVE EXISTING DOUBLE HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1,259
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	8
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	8
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
COMBINATION LIGHTING CONTROLLER	EACH	1

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**KNIGHT**  
Engineers & Architects

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PLOT DATE = 10/30/2017	CHECKED MJM	REVISED -
	DATE 11/15/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS  
WEBER ROAD AND RODEO DRIVE / REMINGTON BOULEVARD

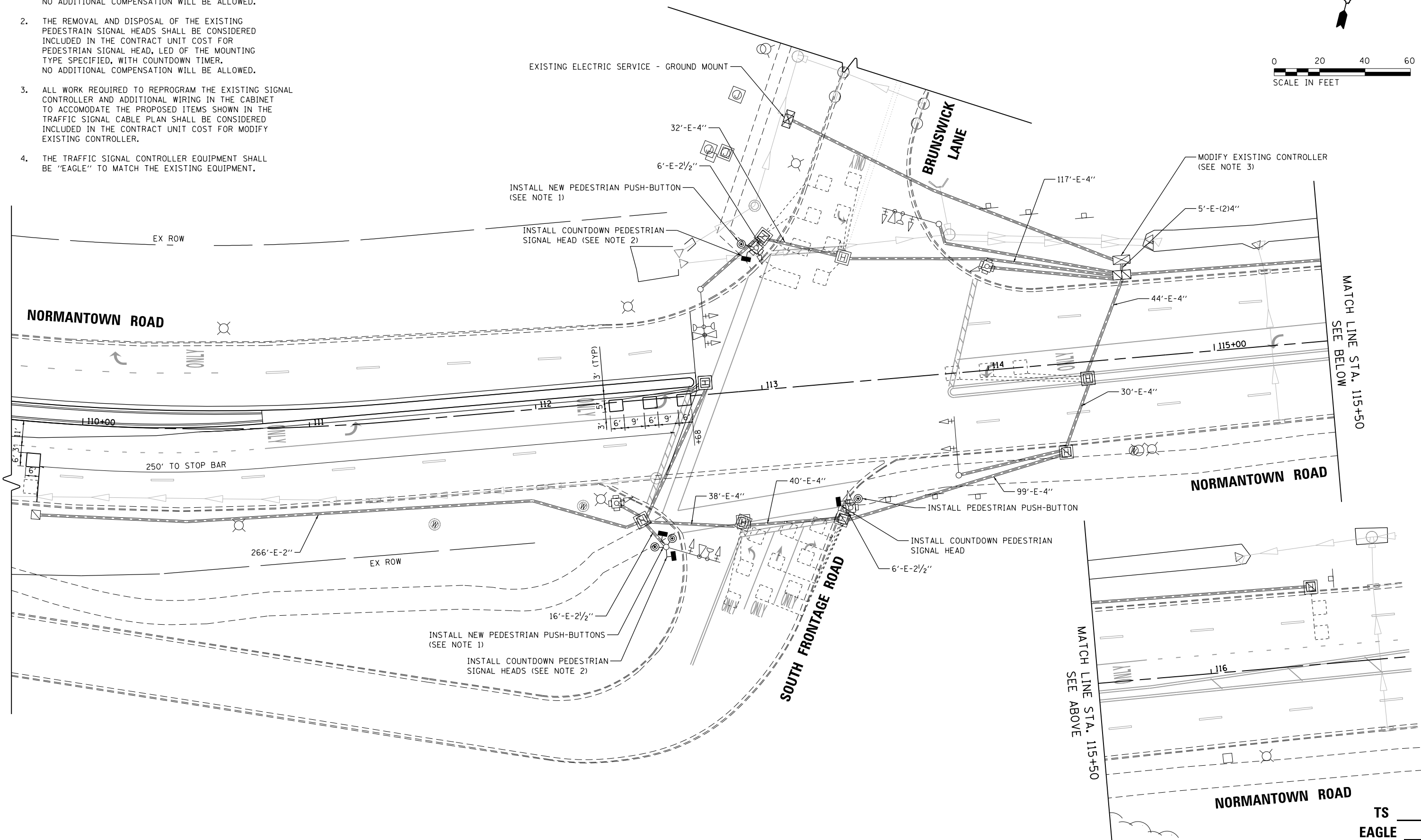
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	840
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X10	

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ECON 132

**NOTES:**

1. THE REMOVAL AND DISPOSAL OF THE EXISTING PEDESTRIAN PUSH BUTTONS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT COST FOR PEDESTRIAN PUSH-BUTTON AT THIS INTERSECTION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. THE REMOVAL AND DISPOSAL OF THE EXISTING PEDESTRIAN SIGNAL HEADS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT COST FOR PEDESTRIAN SIGNAL HEAD, LED OF THE MOUNTING TYPE SPECIFIED, WITH COUNTDOWN TIMER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
3. ALL WORK REQUIRED TO REPROGRAM THE EXISTING SIGNAL CONTROLLER AND ADDITIONAL WIRING IN THE CABINET TO ACCOMODATE THE PROPOSED ITEMS SHOWN IN THE TRAFFIC SIGNAL CABLE PLAN SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT COST FOR MODIFY EXISTING CONTROLLER.
4. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT SHALL BE "EAGLE" TO MATCH THE EXISTING EQUIPMENT.



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CHECKED MJM	REVISED -	
DATE 05/12/17	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

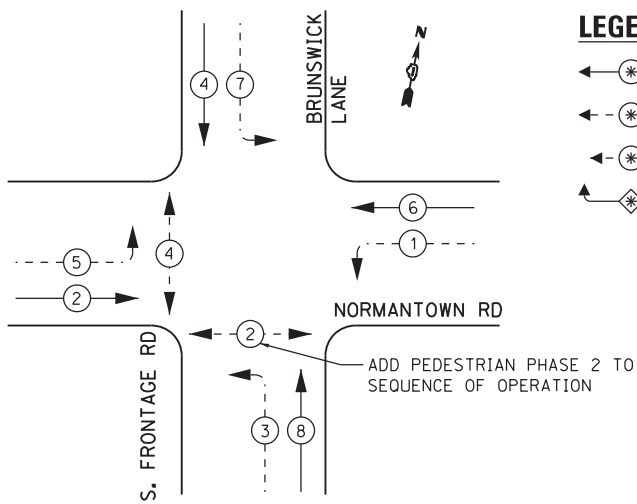
**PROPOSED TRAFFIC SIGNAL PLAN  
NORMANTOWN ROAD AND BRUNSWICK LANE / SOUTH FRONTAGE ROAD**

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	841
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

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EAGLE

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

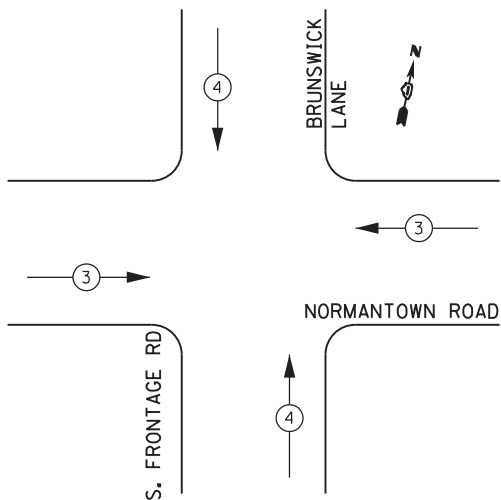
**PROPOSED CONTROLLER SEQUENCE**



**LEGEND:**

- ← (⊙) ← PROTECTED PHASE
- ← (⊙) - PROTECTED/PERMITTED PHASE
- ← (⊙) → PEDESTRIAN PHASE
- ← (⊙) OL OVERLAP

**PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS**

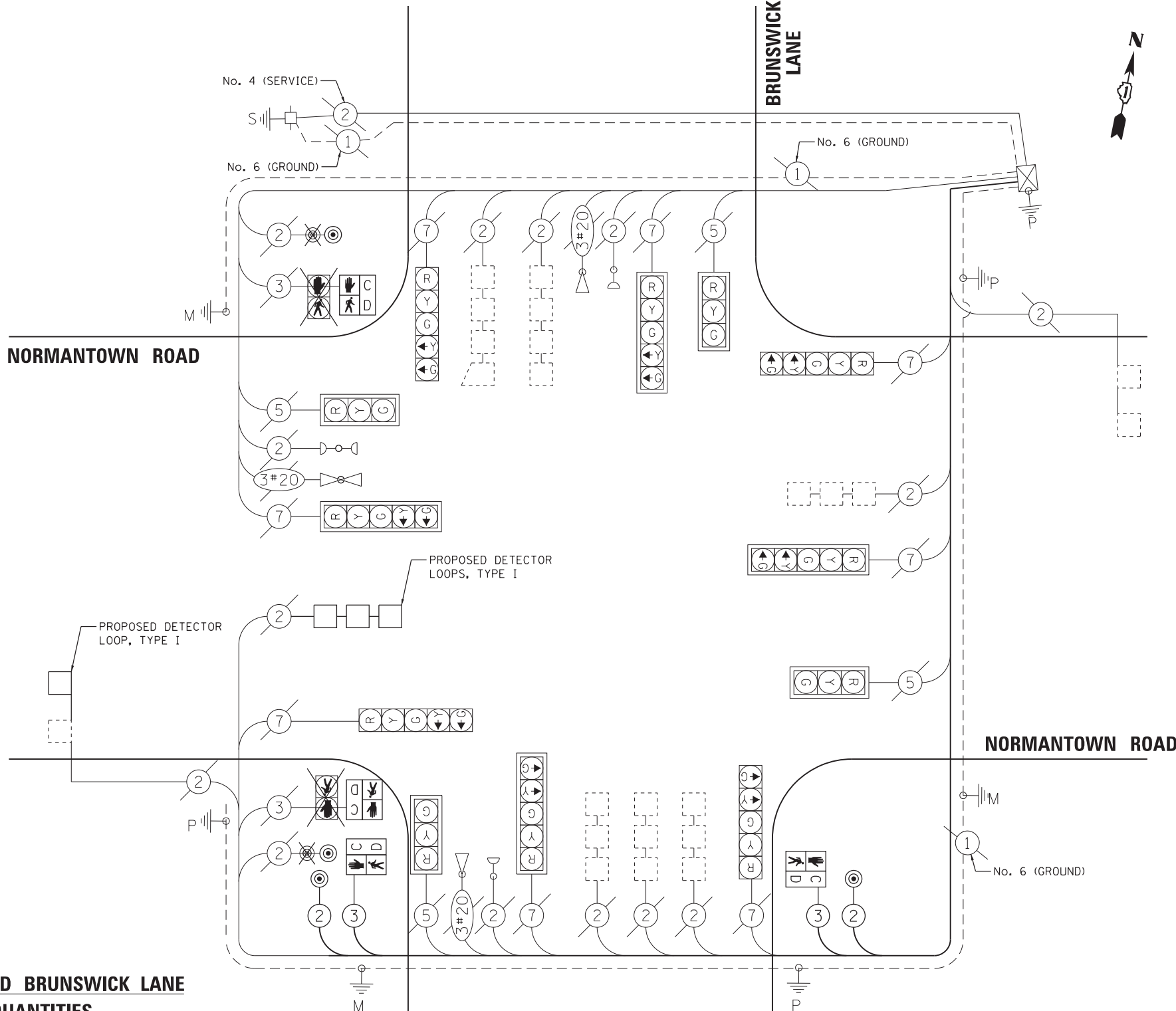
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	-	25	100	--
VIDEO SYSTEM	-	150	100	--
BLANK-OUT SIGN	-	25	5	--
FLASHER	-	-	50	--
STREET NAME SIGN	-	120	50	--
LUMINAIRE	-	-	-	--
TOTAL =				338.8

ENERGY COSTS TO:  
 VILLAGE OF ROMEOVILLE  
 1050 W ROMEO ROAD  
 ROMEOVILLE, ILLINOIS 60446  
 ENERGY SUPPLY: CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_  
 COMPANY: COMMONWEALTH EDISON  
 ACCOUNT NUMBER: \_\_\_\_\_

**NORMANTOWN ROAD AND BRUNSWICK LANE SCHEDULE OF QUANTITIES**

PAY ITEM NAME	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	565
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	579
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
DETECTOR LOOP, TYPE I	FOOT	124
PEDESTRIAN PUSH-BUTTON	EACH	4
MODIFY EXISTING CONTROLLER CABINET	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	278
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

**NORMANTOWN ROAD**



**CABLE PLAN (NOT TO SCALE)**

**NOTES:**

- THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT SHALL BE "EAGLE" TO MATCH THE EXISTING EQUIPMENT.

**TS EAGLE**

**TRAFFIC SIGNAL CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE NORMANTOWN ROAD AND BRUNSWICK LANE / SOUTH FRONTAGE RD**

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

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	842

CONTRACT NO. 60X10  
 \* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT

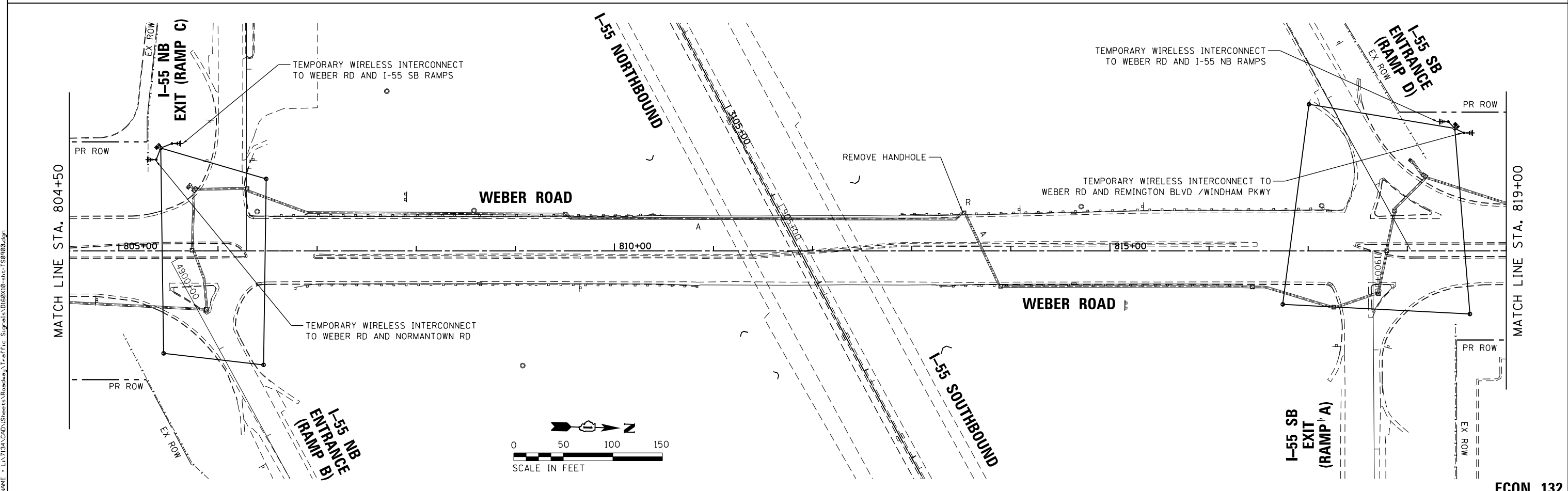
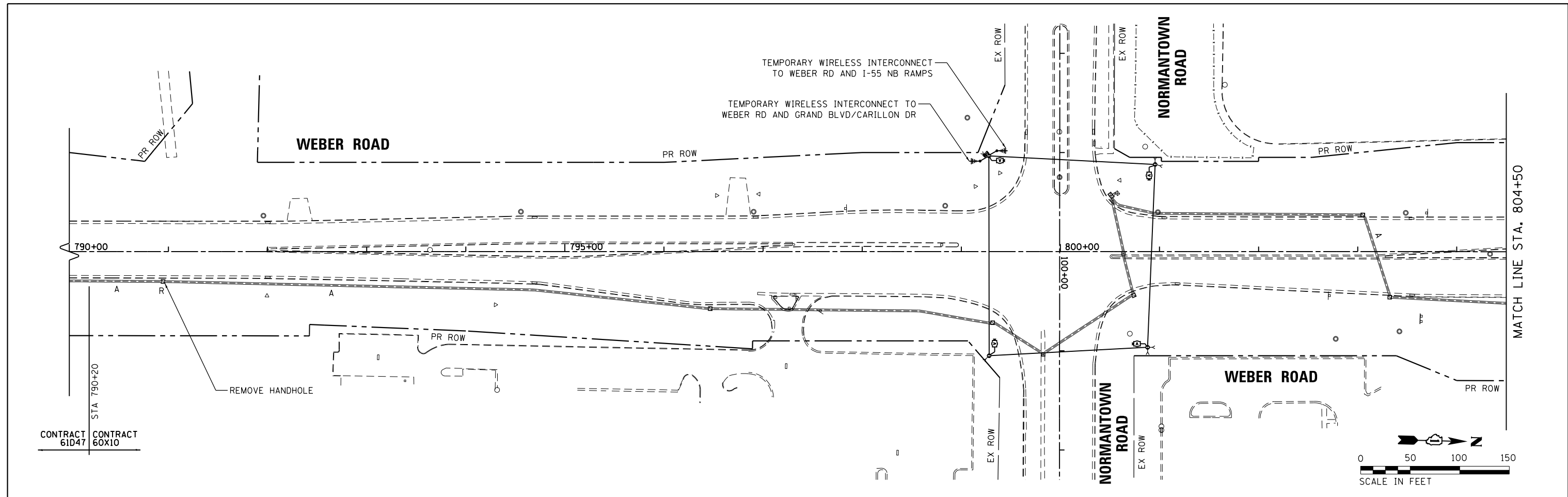
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

DESIGNED GR	REVISED -
DRAWN GR	REVISED -
CHECKED MJM	REVISED -
DATE 06/16/17	REVISED -

**KNIGHT**  
 Engineers & Architects

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PLOT SCALE: 1/4"=1'
PLOT DATE: 6/8/2017

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**KNIGHT**  
Engineers & Architects

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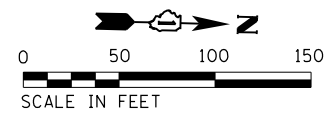
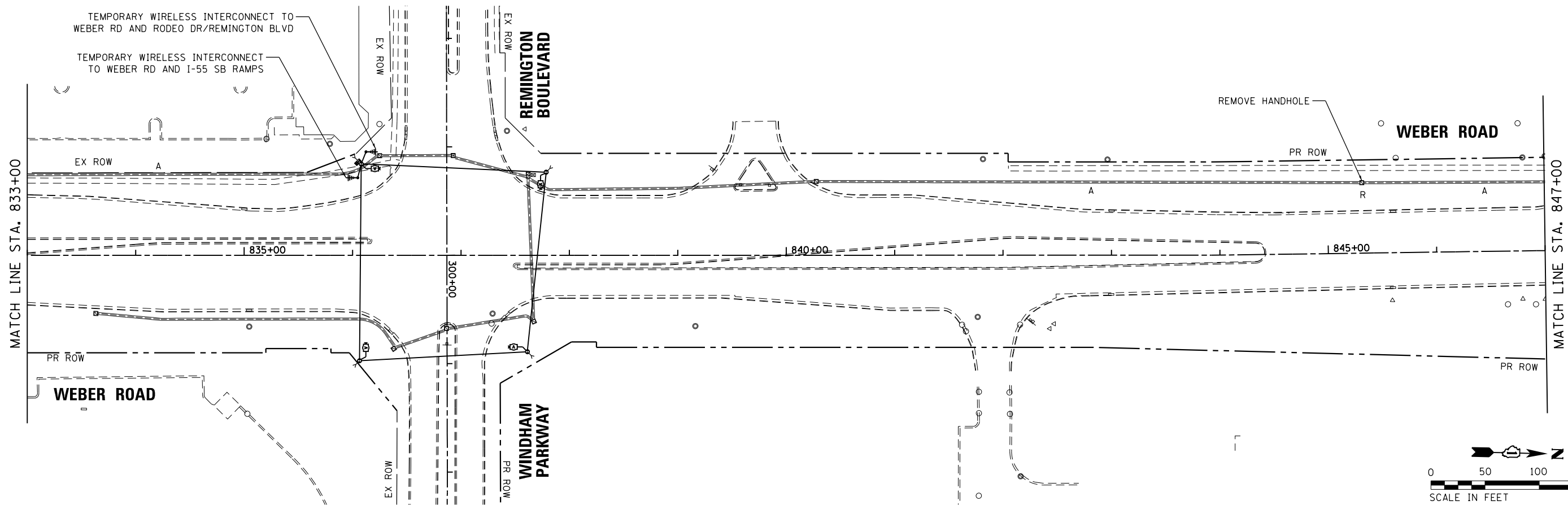
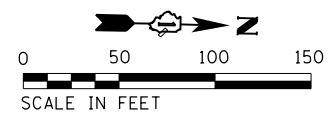
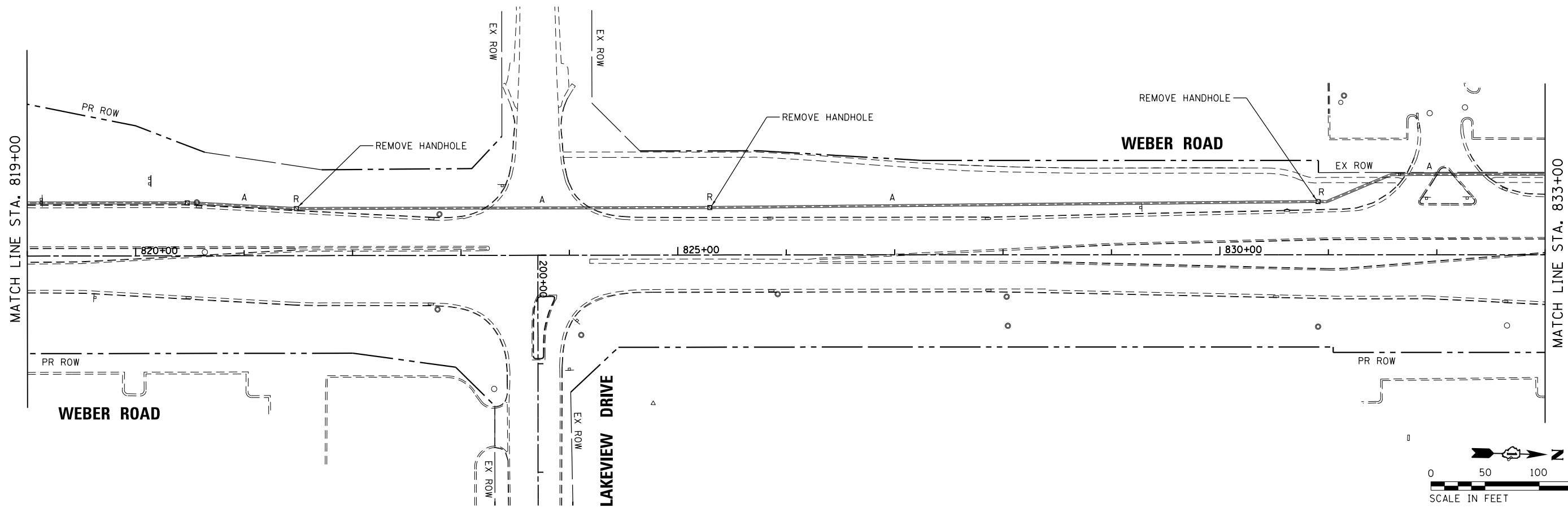
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN**  
**WEBER ROAD**  
**NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD**  
SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	843
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**ECON 132**





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**KNIGHT**  
Engineers & Architects

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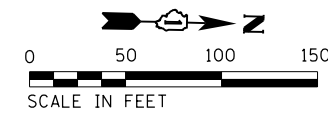
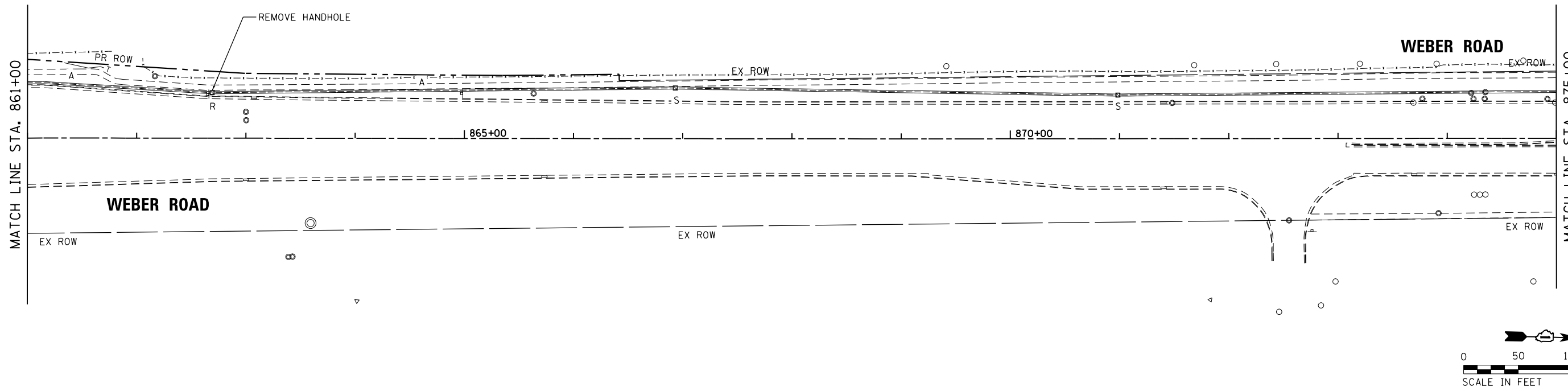
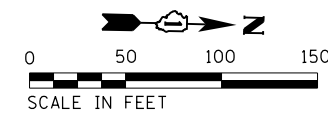
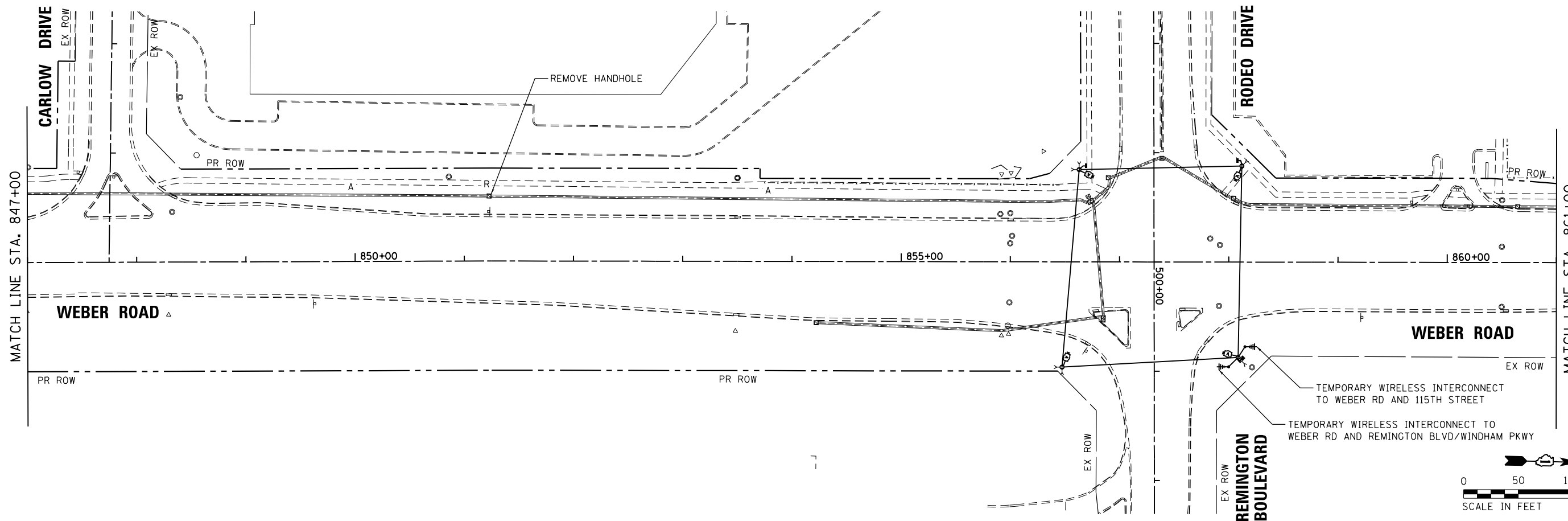
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN  
WEBER ROAD  
NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD**

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A./P RTE. *	SECTION (99-1HB-1) R-1	COUNTY WILL	TOTAL SHEETS 1508	SHEET NO. 844
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	

**ECON 132**



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**KNIGHT**  
Engineers & Architects

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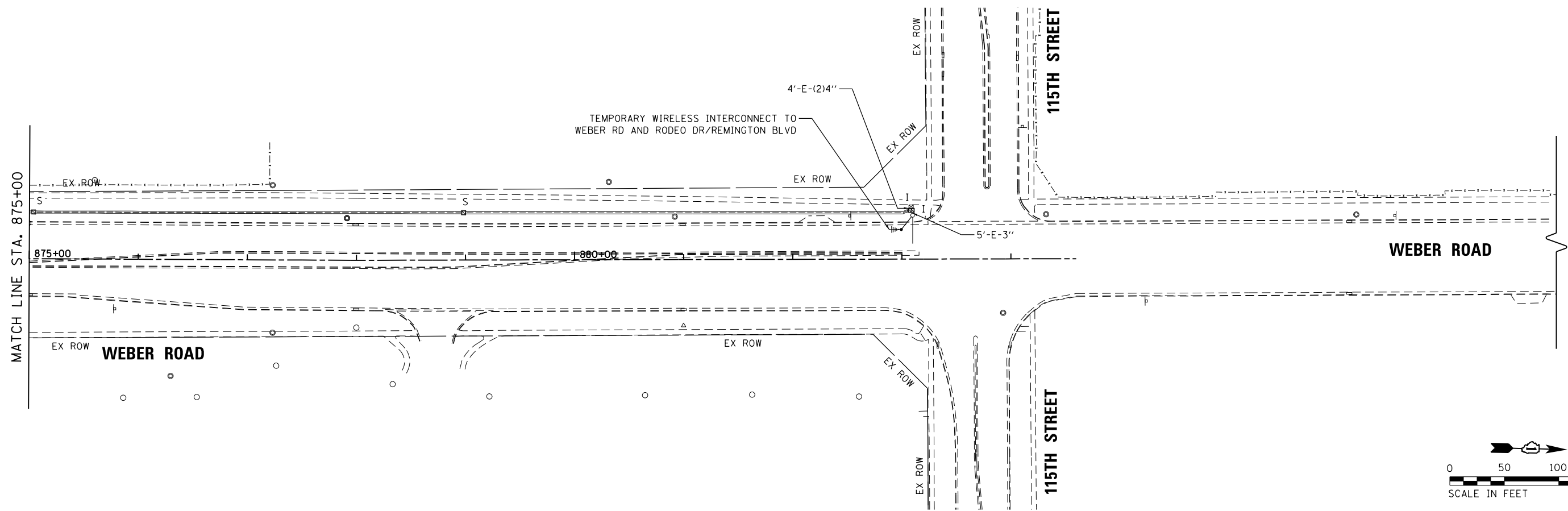
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN  
WEBER ROAD  
NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD**

SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	845
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	

**ECON 132**



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PLOT DATE = 5/13/2017	DATE - 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT PLAN  
WEBER ROAD  
NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD**

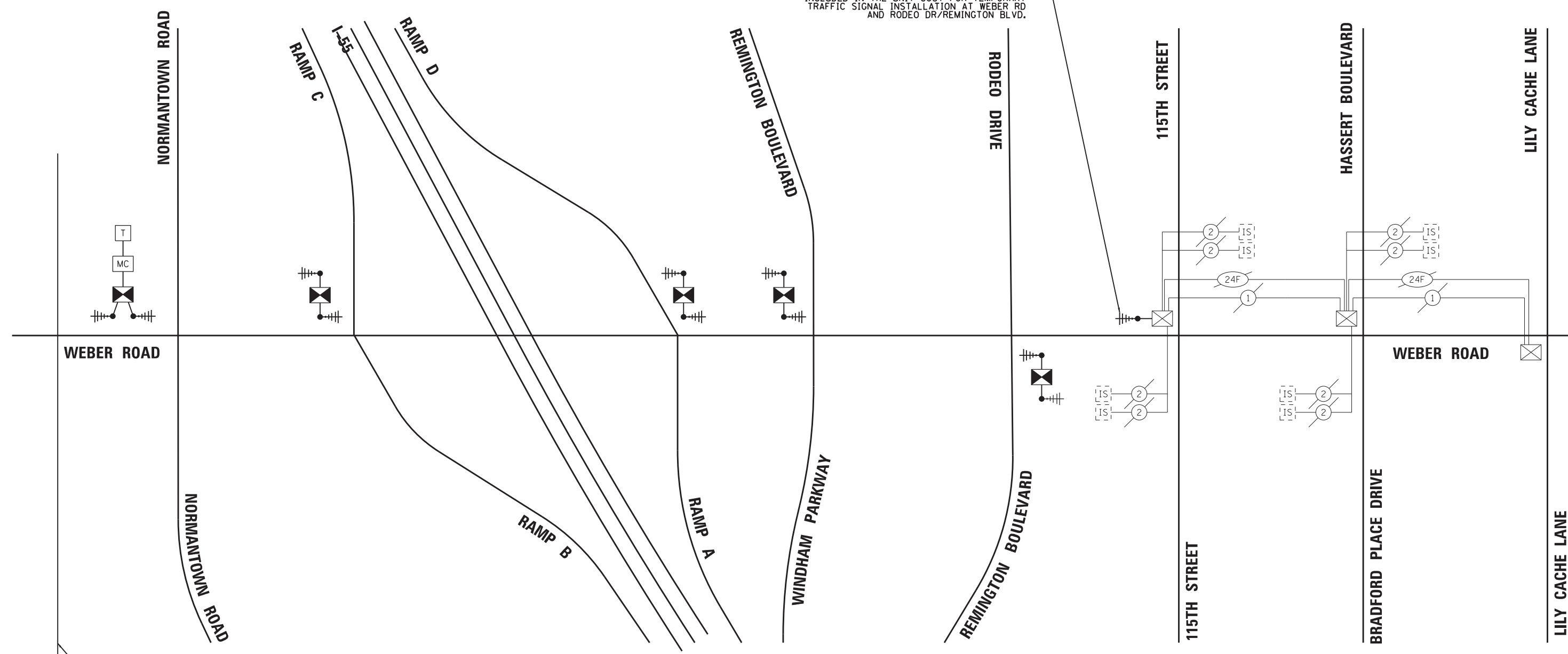
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F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	846
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	

**ECON 132**



INSTALL WIRELESS INTERCONNECT ANTENNA TO MAST ARM POLE AT SOUTHWEST CORNER OF WEBER ROAD AND 115TH STREET WITH COAXIAL CABLE TO EXISTING CONTROLLER CABINET. INSTALL AND CONNECT WIRELESS INTERCONNECT CARD IN EXISTING SIGNAL CABINET. THE COST OF THIS WORK IS INCLUDED IN THE UNIT COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION AT WEBER RD AND RODEO DR/REMINGTON BLVD.



SYSTEM BREAK LINE

ALL TEMPORARY SIGNALS NORTH OF THIS LINE (NORMANTOWN RD TO LILY CACHE LN) SHALL BE COORDINATED WITH THE MASTER CONTROLLER AT NORMANTOWN RD.

TEMPORARY SIGNALS SOUTH OF THIS LINE (IN CARILLON DR / GRAND BLVD TO DIVISION ST) SHALL BE COORDINATED WITH THE EXISTING MASTER CONTROLLER AT TAYLOR RD

- NOTES:**
- COORDINATION WITH CONTRACT 61D47 FOR ANY TEMPORARY WIRELESS INTERCONNECT BETWEEN NORMANTOWN RD AND GRAND BLVD / CARILLON DR SHALL BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL TIMING AT NORMANTOWN RD.

FILE NAME = D:\60X10-eh-t-15021.dgn

**KNIGHT**  
Engineers & Architects

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	DRAWN GR	REVISED -
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PLOT DATE = 6/8/2017	DATE 06/16/17	REVISED -

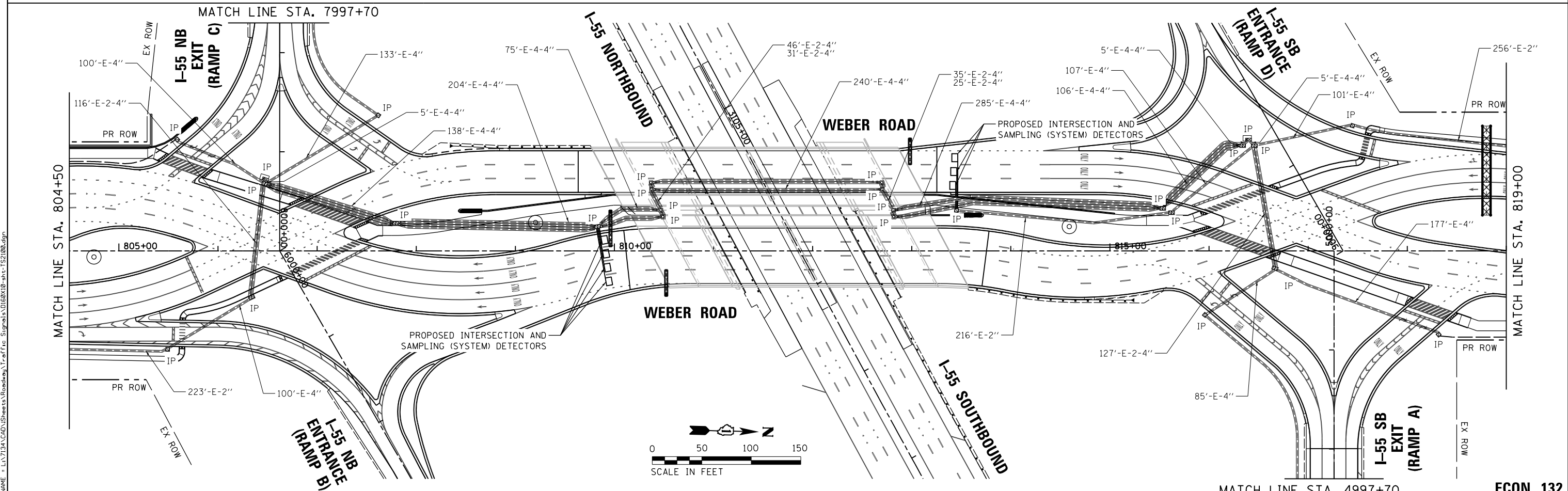
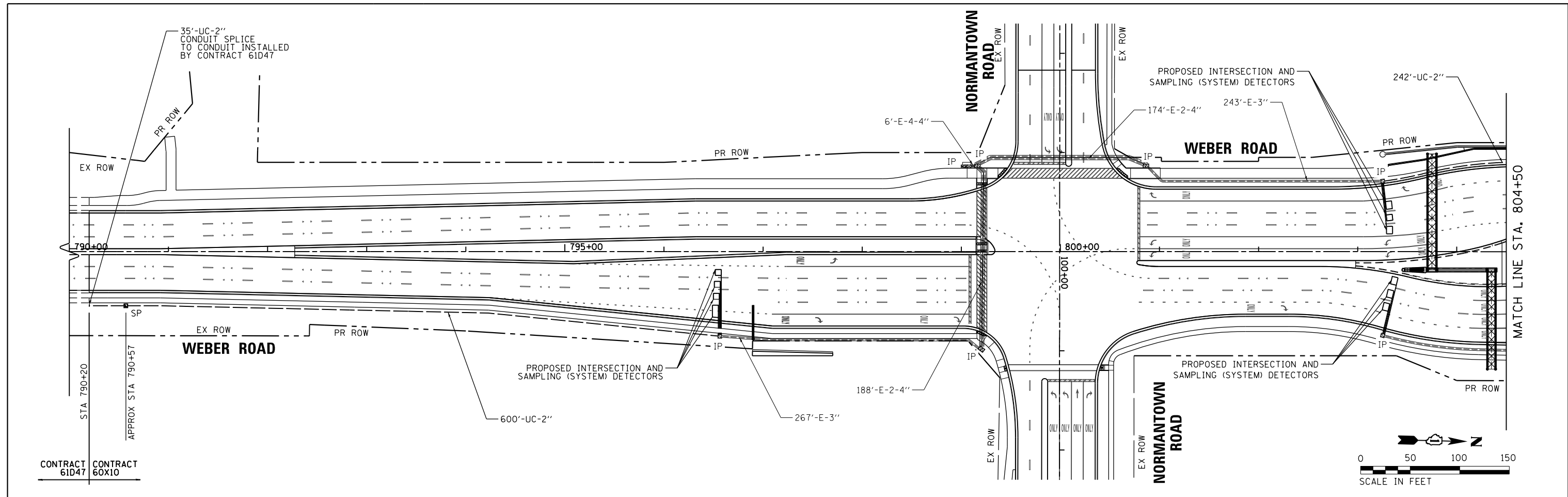
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT SCHEMATIC**  
**WEBER ROAD**  
**NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD**

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

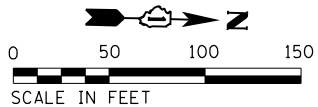
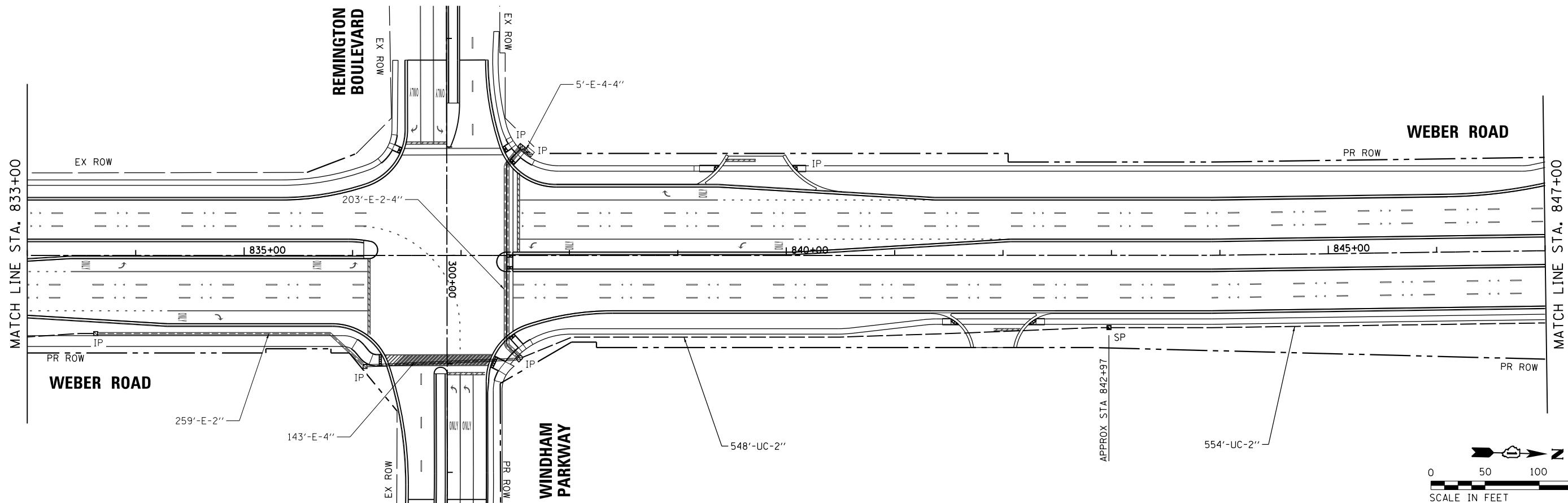
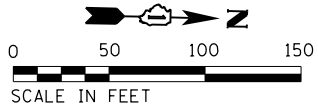
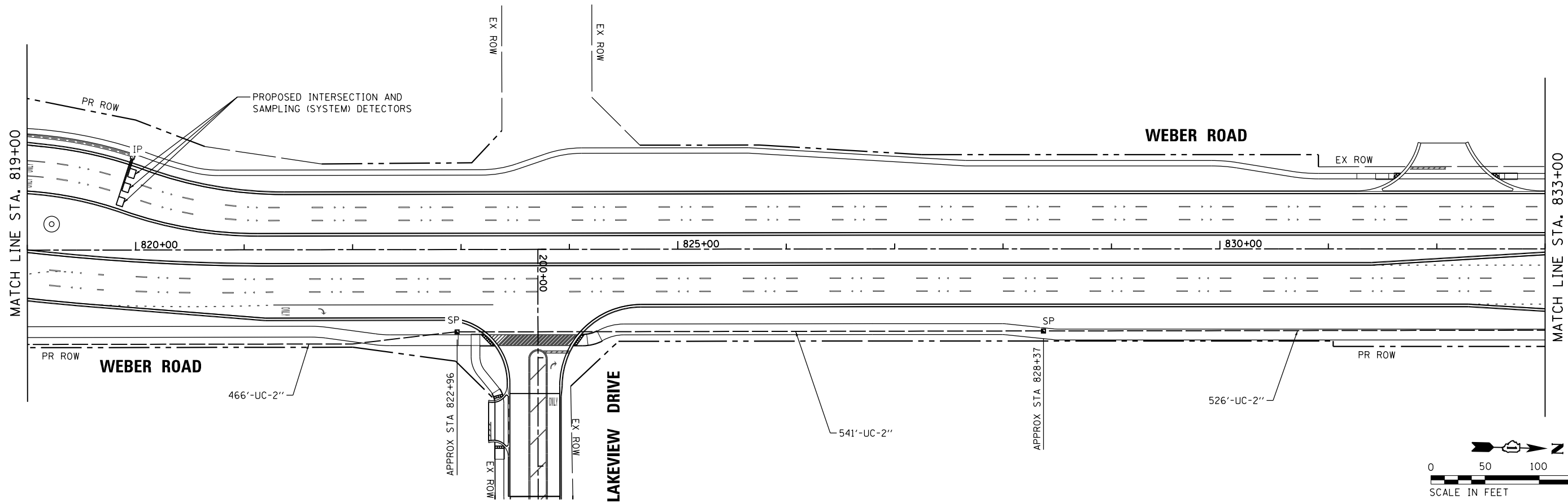
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*	(99-1HB-1) R-1	WILL	1508	847
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	

**ECON 132**



<b>KNIGHT</b> Engineers & Architects	USER NAME = grol PLOT SCALE = 1:100.001 PLOT DATE = 6/29/2017	DESIGNED - GR DRAWN - GR CHECKED - MJM DATE - 08/04/17	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED INTERCONNECT PLAN</b> <b>WEBER ROAD</b> <b>NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD</b>		F.A.I./P RTE. * SECTION (99-1HB-1) R-1 COUNTY WILL CONTRACT NO. 60X10	TOTAL SHEETS 1508 SHEET NO. 848	
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					<b>ECON 132</b>				

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**KNIGHT**

Engineers & Architects

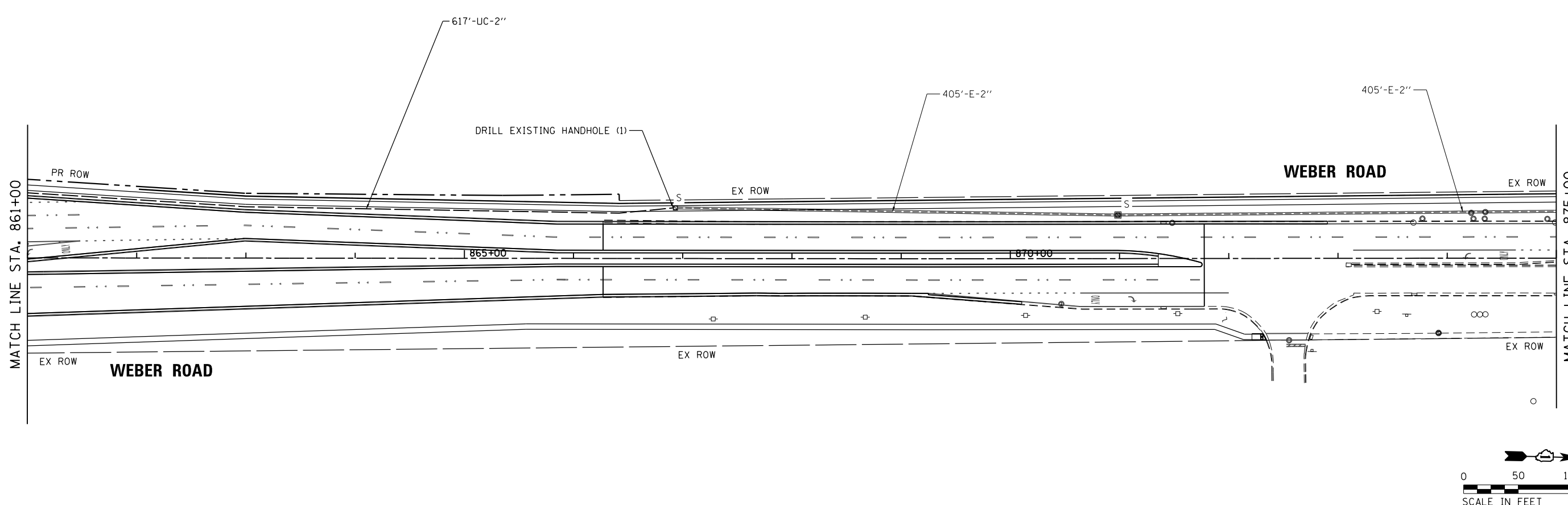
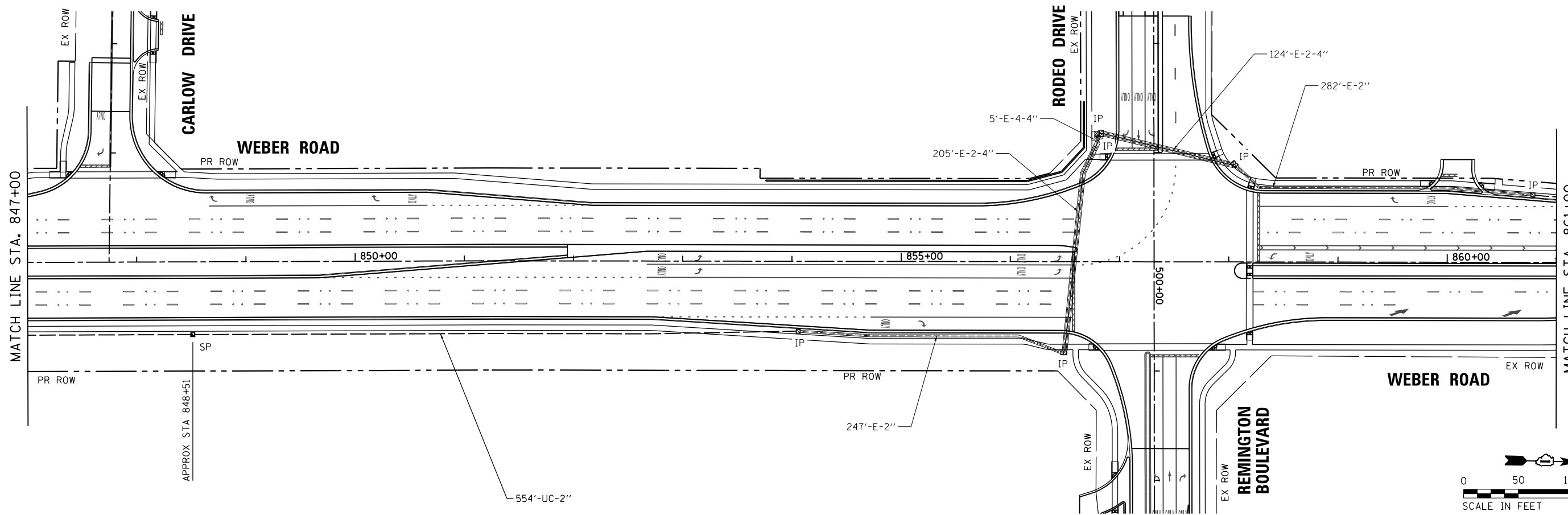
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	DATE - 08/04/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED INTERCONNECT PLAN</b>			
<b>WEBER ROAD</b>			
<b>NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD</b>			
SCALE: AS SHOWN	SHEET	OF SHEETS	STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	849
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**ECON 132**



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**KNIGHT**  
Engineers & Architects

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DATE - 08/04/17

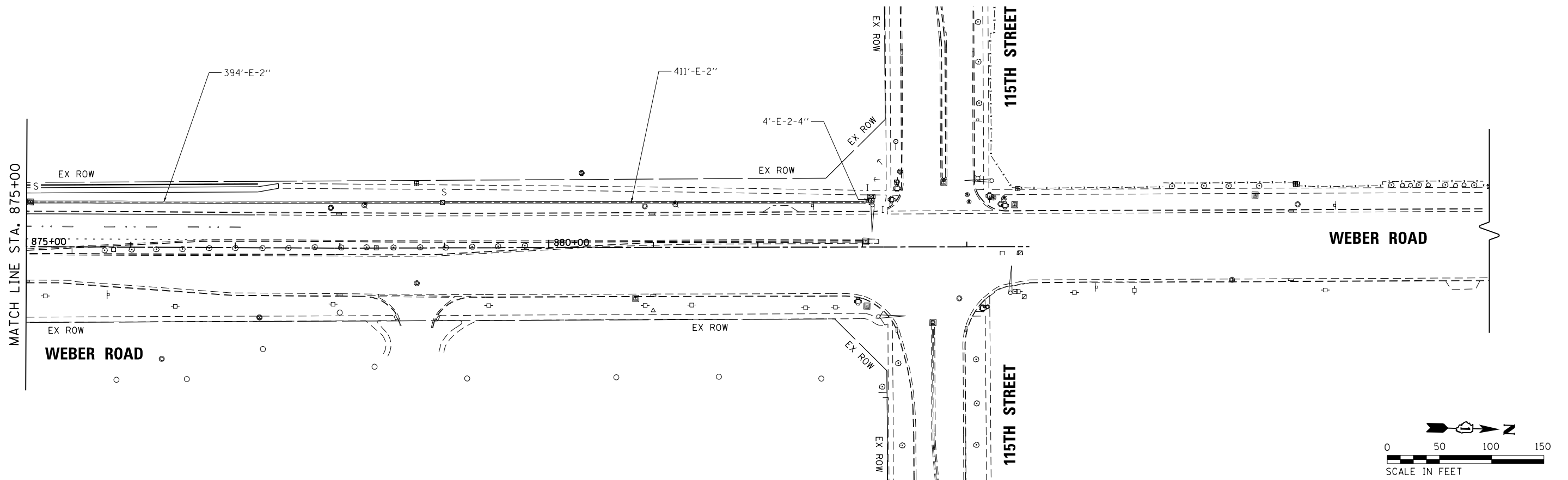
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

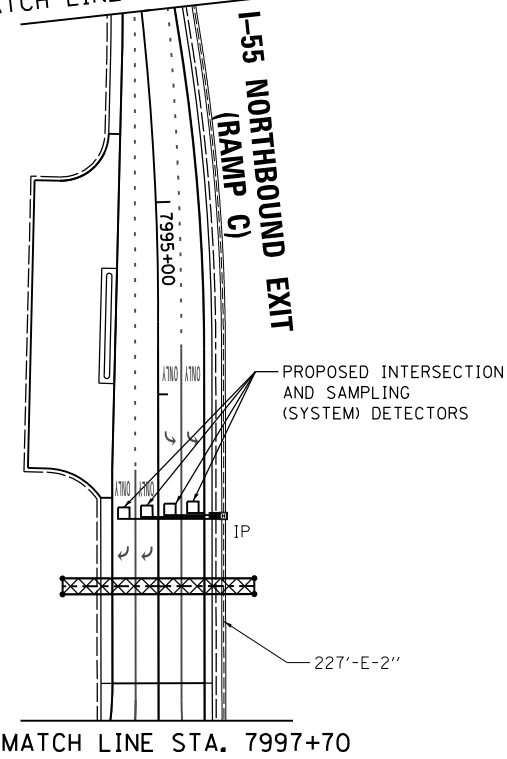
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WEBER ROAD  
NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD**  
SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

F.A./P RTE. *	SECTION (99-1HB-1) R-1	COUNTY WILL	TOTAL SHEETS 1508	SHEET NO. 850
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	

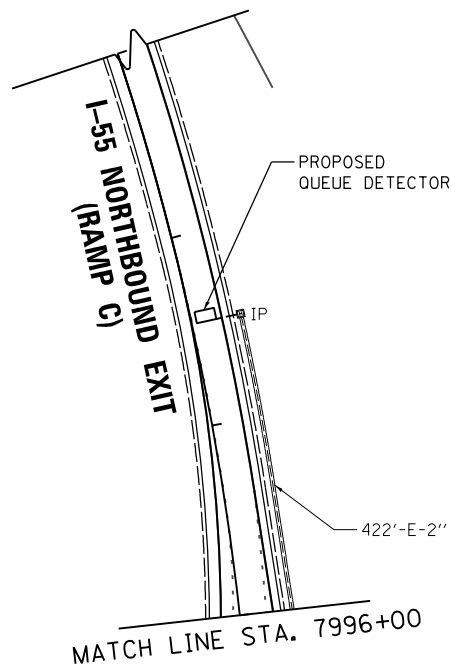
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MATCH LINE STA. 7996+00

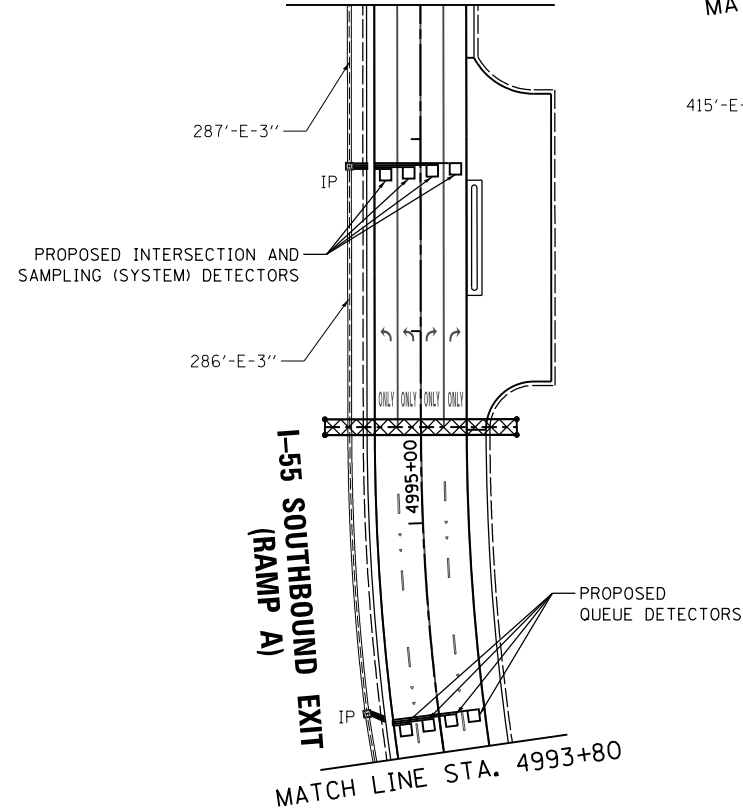


MATCH LINE STA. 7997+70



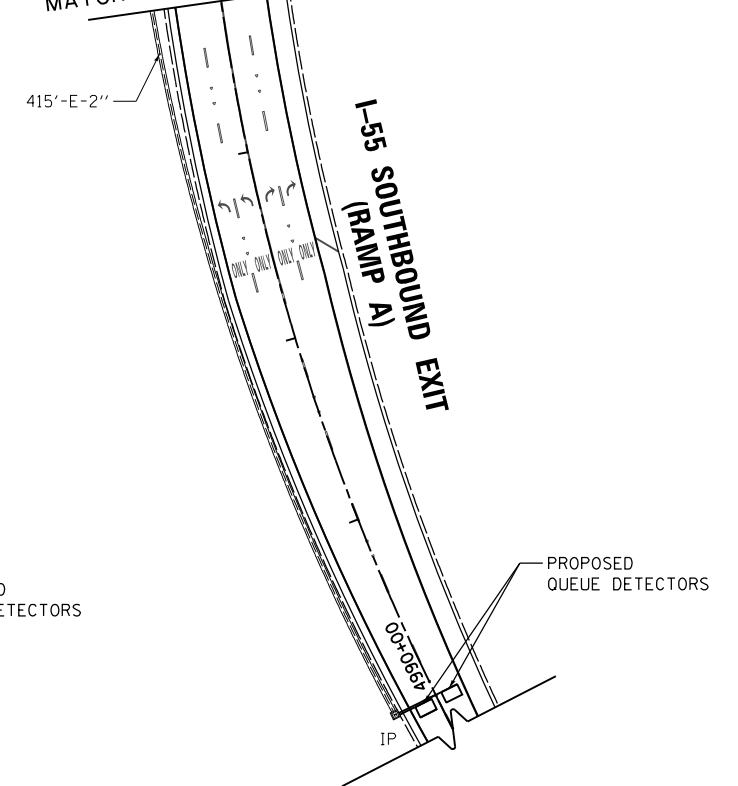
MATCH LINE STA. 7996+00

MATCH LINE STA. 4997+70



MATCH LINE STA. 4993+80

MATCH LINE STA. 4993+80



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**KNIGHT**  
Engineers & Architects

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	DATE - 08/04/17	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED INTERCONNECT PLAN**  
**WEBER ROAD**  
**NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD**  
SCALE: AS SHOWN SHEET OF SHEETS STA. TO STA.

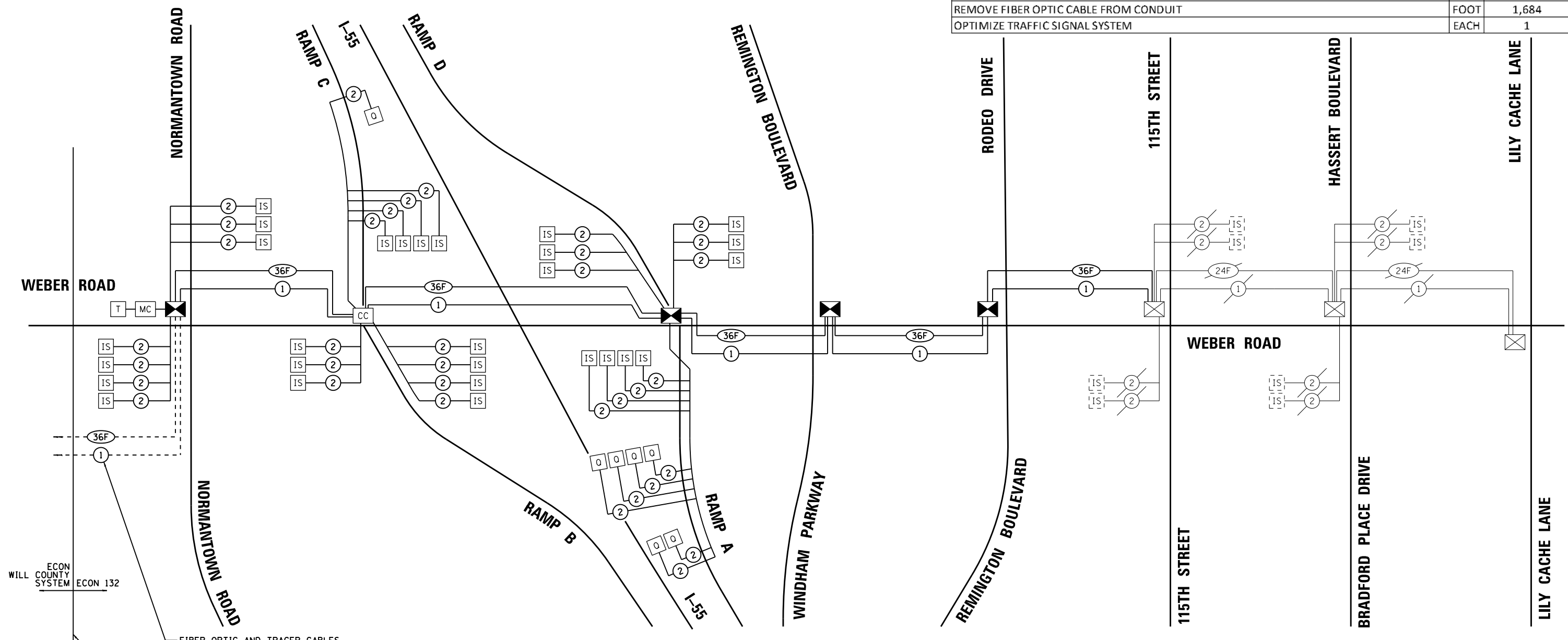
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* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X10	

ECON 132



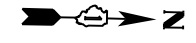
**WEBER ROAD INTERCONNECT  
SCHEDULE OF QUANTITIES**

PAY ITEM NAME	UNIT	QUANTITY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	4,683
HANDHOLE	EACH	5
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	9,739
DRILL EXISTING HANDHOLE	EACH	1
REMOVE EXISTING HANDHOLE	EACH	8
ROD AND CLEAN EXISTING CONDUIT	FOOT	1,615
CONDUIT SPLICE	EACH	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	9,824
REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1,684
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1



**NOTES:**

- AT NORMANTOWN RD INTERSECTION, CONNECT FIBER OPTIC AND TRACER CABLES FROM DOUBLE HANDHOLE TO TRAFFIC SIGNAL CABINET. COST OF THIS WORK, INCLUDING COORDINATION WITH CONTRACT 61D47, SHALL BE INCLUDED IN THE UNIT COST OF FIBER OPTIC CABLE IN CONDUIT.
- WORK BY CONTRACT 61D47: FIBER OPTIC AND TRACER CABLES SHALL BE INSTALLED FROM SIGNAL CABINET AT GRAND BLVD/CARILLON DR TO DOUBLE HANDHOLE ADJACENT TO NORMANTOWN RD SIGNAL CABINET, AS SPECIFIED IN CONTRACT 61D47.
- ALL PERMANENT TRAFFIC SIGNAL INSTALLATIONS AND PERMANENT SIGNAL INTERCONNECT SHALL BE OPERATIONAL PRIOR TO COMPLETION OF STAGE 4.



FIBER OPTIC AND TRACER CABLES TO CARILLON DRIVE / GRAND BOULEVARD (SEE NOTE 1)

ALL SIGNALS NORTH OF THIS LINE (NORMANTOWN RD TO LILY CACHE LN) SHALL BE COORDINATED WITH THE MASTER CONTROLLER AT NORMANTOWN RD.

ALL SIGNALS SOUTH OF THIS LINE (IN CARILLON DR / GRAND BLVD TO DIVISION ST) SHALL BE COORDINATED WITH THE MASTER CONTROLLER AT TAYLOR RD.

ECON COUNTY SYSTEM  
WILL ECON 132

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**KNIGHT**  
Engineers & Architects

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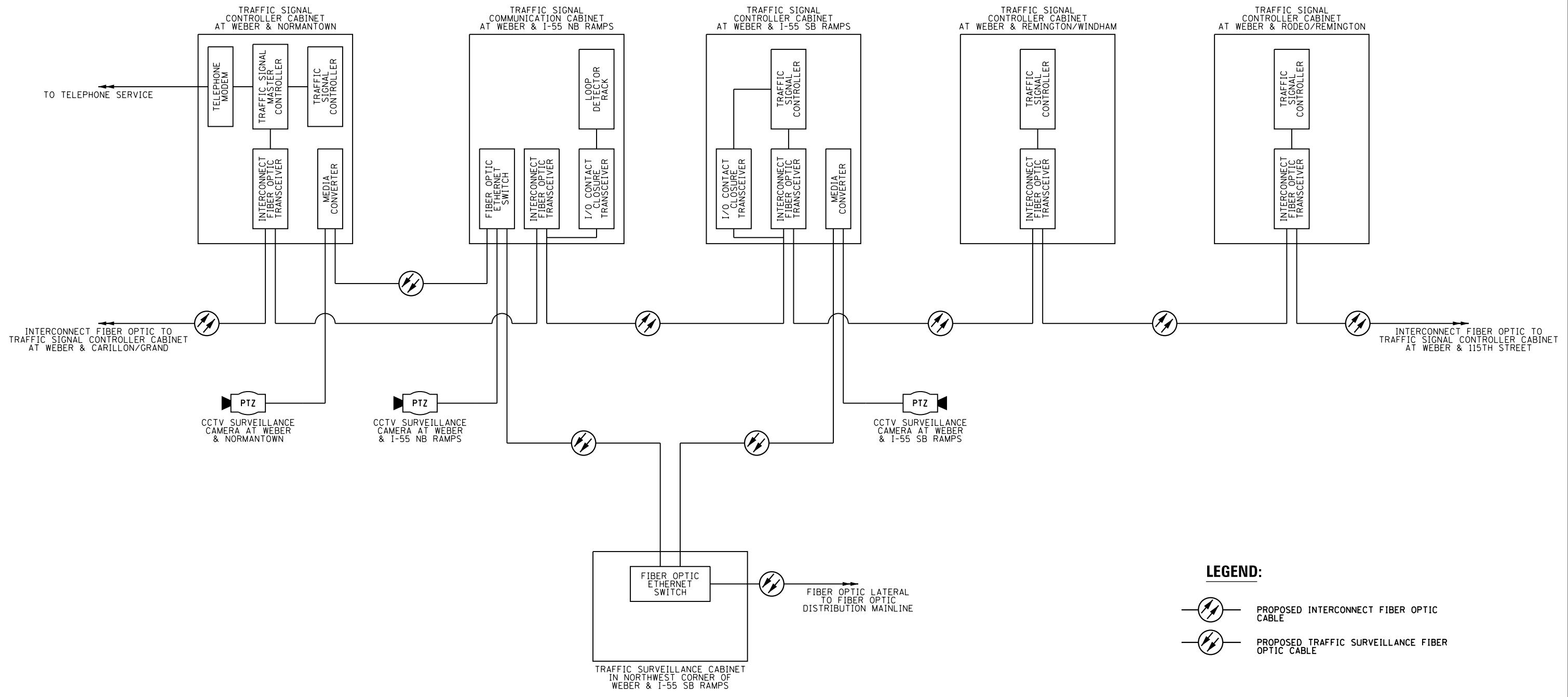
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT SCHEMATIC  
WEBER ROAD  
NORMANTOWN ROAD TO RODEO DRIVE / REMINGTON BOULEVARD**

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

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	852
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	

**ECON 132**



**LEGEND:**

- PROPOSED INTERCONNECT FIBER OPTIC CABLE
- PROPOSED TRAFFIC SURVEILLANCE FIBER OPTIC CABLE

**NOTES:**

1. SEE SHEET "PROPOSED TRAFFIC SURVEILLANCE CABLE SCHEMATIC" UNDER TRAFFIC SURVEILLANCE PLANS.

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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT AND TRAFFIC SURVEILLANCE  
FIBER OPTIC CONNECTIONS AND CABINETS SCHEMATIC  
WEBER ROAD - NORMANTOWN RD TO RODEO DR / REMINGTON BLVD**

SCALE: AS SHOWN | SHEET NO. OF SHEETS STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	


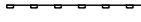




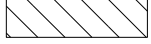













**ECON 132**

**EROSION CONTROL GENERAL NOTES**




1. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
2. IDOT SPECIFICATION 280.03 REQUIRES WORK TO BE COORDINATED SO THAT NO MORE THAN 10 ACRES ARE DISTURBED AT A TIME, PARTICULARLY AREAS WHICH DISCHARGE TO WETLAND/WOUS SITES. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 02-60.
4. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
5. THE MAINTENANCE AND REPAIR OR REPLACEMENT OF EROSION CONTROL ITEMS, WHEN DIRECTED BY THE ENGINEER, WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEMS. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES MAINTENANCE GUIDE:  
(<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>)
6. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. MUD AND SEDIMENT DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
7. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS, AND MANHOLES WITH OPEN GRATES.
8. TEMPORARY EROSION CONTROL SEEDING MIXTURE WILL DEPEND ON THE TIME OF YEAR SEED IS TO BE APPLIED AND SHALL BE IN ACCORDANCE WITH ARTICLE 1081.15(G) OF THE STANDARD SPECIFICATIONS. STABILIZATION OF ALL AREAS DISTURBED BY CONSTRUCTION SHALL COMMENCE WITHIN 1 DAY AND BE COMPLETE WITHIN 14 DAYS FOR ANY PORTION OF THE SITE THAT WILL BE IDLE FOR MORE THAN 14 DAYS. IF THAT PORTION OF THE SITE WILL BECOME ACTIVE AGAIN AFTER 14 DAYS, TEMPORARY STABILIZATION MEASURES CAN BE USED.
9. THE CONTRACTOR SHALL ATTACH A MINIMUM OF 2 ALUMINUM SIGNS WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE TEMPORARY FENCE BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT LANDSCAPE ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847) 705-4171. WHEN WORK HAS BEEN COMPLETED, UNDAMAGED OR REPLACED SIGNS SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY FENCE.
10. DUST CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 107.36 OF THE STANDARD SPECIFICATIONS.
11. WHENEVER DURING CONSTRUCTION OPERATIONS, LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC., SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPEARTELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
12. BROADCASTING OF THE SEED BY MACHINE, HAND METHODS, HYDRAULIC SEEDING OR OTHER METHODS APPROVED BY THE ENGINEER WILL BE ALLOWED FOR TEMPORARY EROSION CONTROL SEEDING.
13. TOPSOIL AND FERTILIZER NUTRIENTS ARE NOT REQUIRED FOR TEMPORARY EROSION CONTROL SEEDING.
14. SEED BED PREPARATION WILL NOT BE REQUIRED FOR TEMPORARY EROSION CONTROL SEEDING IF THE SOIL IS IN A LOOSE CONDITION. LIGHT DISKING SHALL BE DONE IF THE SOIL IS HARD PACKED OR CAKED.
15. ALL PERIMETER EROSION BARRIER AND TEMPORARY FENCE SHALL BE INSTALLED WITHIN THE TEMPORARY EASEMENT, PROPOSED RIGHT-OF-WAY OR EXISTING RIGHT-OF-WAY.
16. EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY EROSION CONTROL SEEDING HAS BEEN COMPLETED ON ALL AREAS WITH SLOPES OF 1:3 (V:H) OR STEEPER, AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
17. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.

18. ALL EXISTING STRUCTURES OR PIPES NOT SHOWN ON EROSION CONTROL PLANS SHALL BE REMOVED (OR PLUGGED UNTIL REMOVAL IS POSSIBLE DURING THE CONSTRUCTION SO THAT NO SEDIMENT CAN ENTER THE DRAINAGE SYSTEM. THIS SHALL BE CONSIDERED IN THE COST OF THE REMOVAL OF EXISTING STRUCTURES.
19. ALL TEMPORARY CONNECTIONS FOR TEMPORARY PIPE CULVERTS INTO EXISTING/PROPOSED STRUCTURES/PIPES SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR PIPE CULVERT OF THE CLASS, TYPE, SIZE (TEMPORARY).
20. ANY REQUIRED ADJUSTMENT AND/OR RECONSTRUCTION OF THE PROPOSED STRUCTURE TO FINAL RIM ELEVATION SHALL NOT BE PAID FOR SEPERATELY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.
21. ALL RIM AND INVERTS FOR TEMPORARY DRAINAGE STRUCTURES ARE ESTIMATES AND NEED TO BE FIELD VERIFIED, NOTIFY THE ENGINEER OF ANY DISCREPENCIES PRIOR TO INSTALLATION. NO EXTRA COMPENSATION WILL BE PROVIDED FOR ANY DISCREPENCIES DETERMINED IN THE FIELD.
22. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE, AND STABILIZED IN ACCORDANCE WITH MULCH METHOD 2 IMMEDIATELY WHEN THE TOPSOIL SHALL BE UNDISTURBED FOR 14 DAYS, AND STABILIZATION SHALL BE COMPLETED WITHIN 14 DAYS. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCK PILE.
23. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
24. ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES SHOULD BE CHECKED WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED AFTER EACH SIGNIFICANT SNOWFALL.
25. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE ([WWW.LRC.USACE.ARMY.MIL/](http://WWW.LRC.USACE.ARMY.MIL/)). THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
26. PIPES BEING CONSTRUCTED IN STAGES SHALL BE PLUGGED BEFORE BACKFILLING AND FREE OF DEBRIS WHEN FINAL CONNECTION IS MADE.
27. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

**EROSION CONTROL LEGEND**

	TEMPORARY EROSION CONTROL SEEDING AND MULCH, METHOD 2		PERIMETER EROSION BARRIER
	TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET		PERIMETER EROSION BARRIER INSTALLED IN PREVIOUS STAGE
	PERMANENT SEEDING (SEE LANDSCAPING PLANS)		INLET FILTERS
	EROSION CONTROL INSTALLED IN A PREVIOUS STAGE		INLET FILTERS INSTALLED IN PREVIOUS STAGE
	TEMPORARY PAVEMENT		TEMPORARY DITCH CHECKS
	TEMPORARY PAVEMENT INSTALLED IN A PREVIOUS STAGE		TEMPORARY DITCH CHECKS INSTALLED IN PREVIOUS STAGE
	PERMANENT DRAINAGE STRUCTURE NUMBER		STORM SEWER AND CULVERT INLET PROTECTION - SEE DETAIL
			STORM SEWER AND CULVERT INLET PROTECTION - INSTALLED IN PREVIOUS STAGE
			SEDIMENT TRAP
			FLOW DIRECTION
			PROPOSED STORM SEWER
			PROPOSED STORM SEWER INSTALLED IN PREVIOUS STAGE
			TEMPORARY PIPE CULVERT

**WETLAND / WOUS LEGEND**

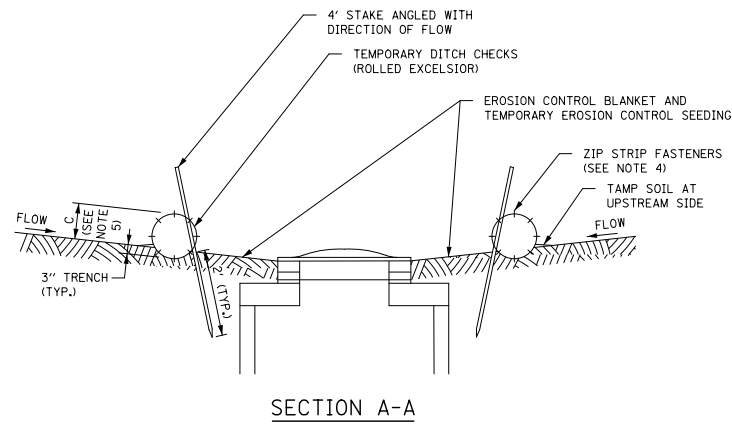
	WETLAND (JURISDICTIONAL)
	WETLAND (NON-JURISDICTIONAL)
	PERMANENT IMPACT AREA

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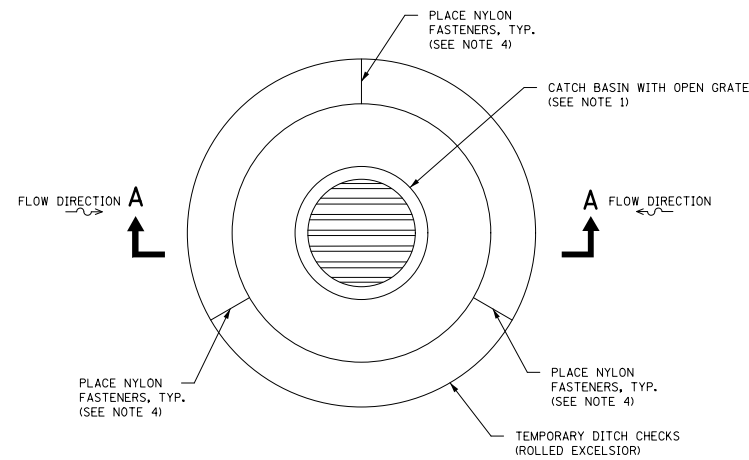
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	PLOT SCALE = 1:100	CHECKED PJO	REVISED -					*	(99-1HB-1) R-1	WILL	1508	854
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -	SCALE: AS SHOWN		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60X10				
							* FAI 55, FAP 856   ILLINOIS   FED. AID PROJECT					

**NOTES:**

1. INLET FILTER IS TO BE PROVIDED FOR ALL OPEN-GRATED DRAINAGE STRUCTURES.
2. ROLLED EXCELSIOR LOG SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 3" AND SOIL SHALL BE TAMPED AGAINST THE UPSTRAEM SIDE TO ASSURE THAT STORM WATER IS FORCED THROUGH THE LOG, RATHER THAN UNDER IT.
3. STAKES SHALL BE 4' LONG, DRIVEN AT A SPACING OF 2' ON CENTER, 2' INTO THE GROUND. STAKES SHALL BE ENTWINED WITH THE MESH COVERING OF THE ROLL ON THE DOWNSTREAM SIDE AND ANGLED IN THE DIRECTION OF FLOW. WOOD STAKES TO BE A MINIMUM OF 1" DIAMETER.
4. WHEN MORE THAN ONE LOG IS REQUIRED TO SURROUND THE INLET, BUTT LOGS TIGHTLY TOGETHER END TO END AND FASTEN TOGETHER WITH A MINIMUM OF EIGHT EQUALLY SPACED ZIP STRIP NYLON FASTENERS.
5. ROLLED EXCELSIOR LOG DITCH CHECKS ARE SUPPLIED IN STANDARD 10' LENGTHS AND SHOULD NOT BE CUT.
6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT SHALL BE REMOVED WHEN IT REACHES 50% OF ROLL HEIGHT. WHEN EXCELSIOR ROLL HEIGHT BECOMES LESS THAN 10", IT SHALL BE REPLACED.
7. ROLLED EXCELSIOR LOG DITCH CHECKS SHALL BE SUFFICIENTLY LONG ENOUGH THAT THE TOP OF THE DEVICE IN THE MIDDLE OF THE DITCH IS 6" LOWER THAN THE BOTTOM OF THE TERMINATING ENDS OF THE DITCH SIDE SLOPES.



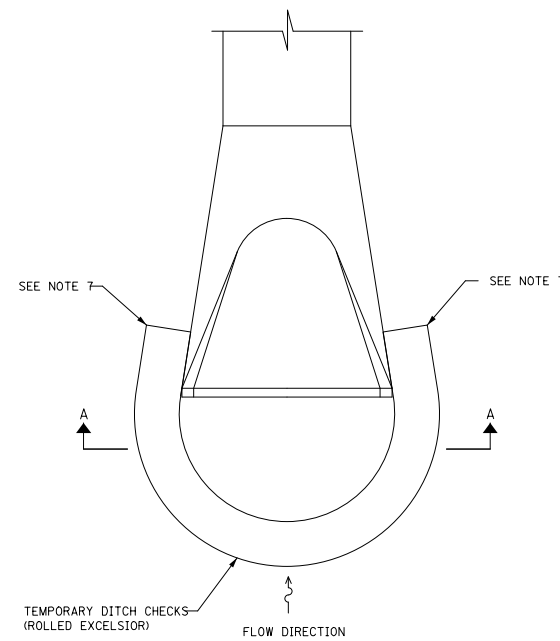
SECTION A-A



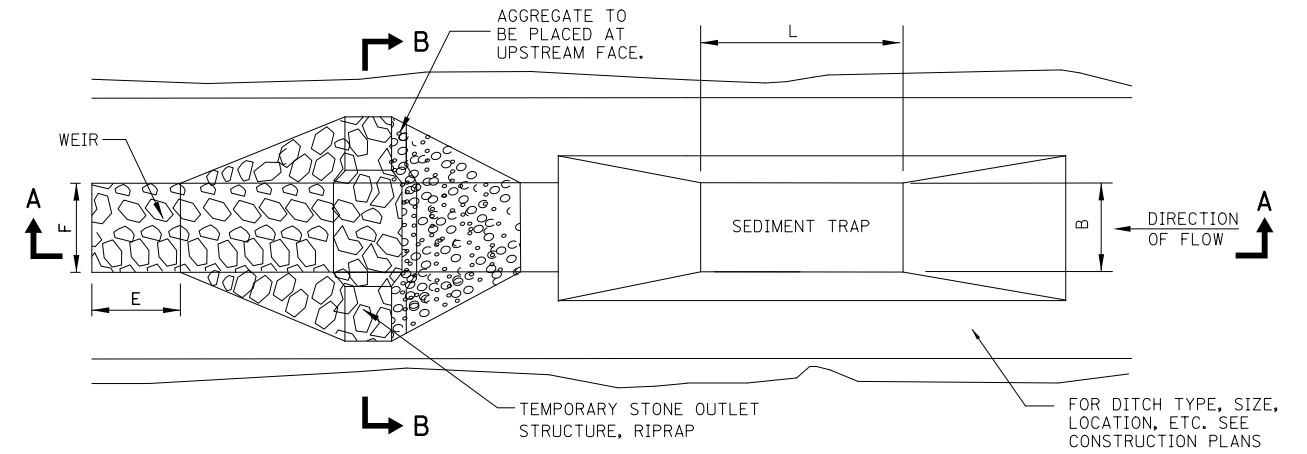
AT INLETS OR CATCH BASINS DRAINING DITCHES OR SWALES

**STORM DRAIN INLET PROTECTION DETAIL**

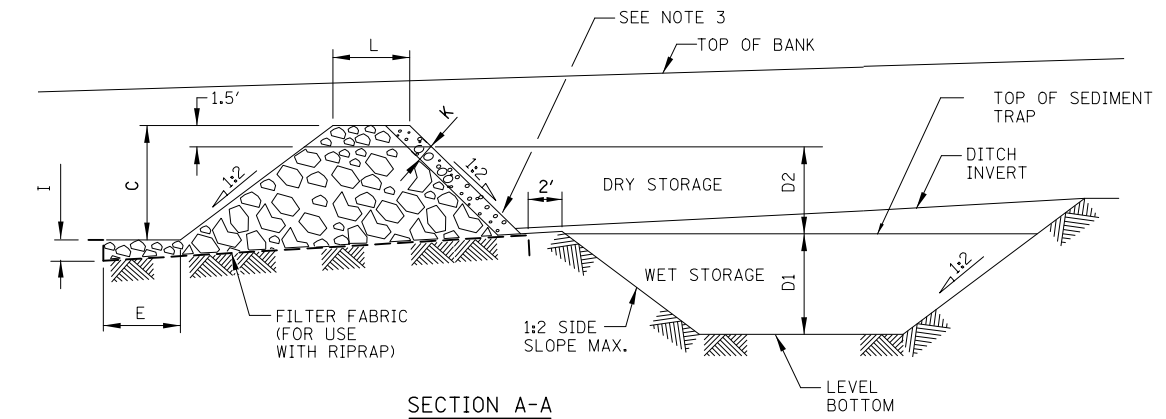
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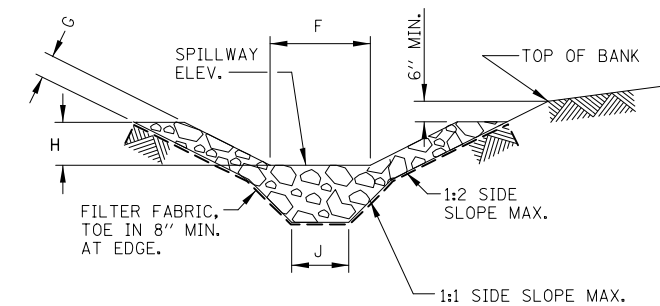
AT CULVERT INLETS



PLAN



SECTION A-A



SECTION B-B

DIMENSIONS	TEMPORARY SEDIMENT TRAPS				
	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5
ALIGNMENT	WEBER RD	RAMP A	RAMP B	RAMP C	RAMP D
STATION	791+39	4998+71	6003+25	799447	9010+73
OFFSET	139' LT	324' LT	326' LT	94' LT	64' LT
A (FT)	92	92	92	78	78
B (FT)	46	46	46	35	35
C (FT)	4	4	4	4	4
D1 (FT)	3.5	3.5	3.5	3.5	3.5
D2 (FT)	2.5	2.5	2.5	2.5	2.5
E (FT.)	6	6	6	6	6
F (FT.)	12	12	12	10	10
G (IN.)	21 (MIN.)	21 (MIN.)	21 (MIN.)	21 (MIN.)	21 (MIN.)
H (FT.)	1.5	1.5	1.5	1.5	1.5
I (IN.)	16	16	16	16	16
J (FT.)	3 (MIN.)	3 (MIN.)	3 (MIN.)	3 (MIN.)	3 (MIN.)
K (FT.)	1	1	1	1	1
L (FT)	5	5	5	5	5
STONE RIPRAP	RR 4	RR 4	RR 4	RR 4	RR 4
AGGREGATE	CA-2	CA-2	CA-2	CA-2	CA-2
DRN. AREA (AC)	5.0	5.0	5.0	3.5	3.5
CAPACITY (CU YD)	1,357	1,357	1,357	950	950

TEMPORARY SEDIMENT TRAP DETAIL

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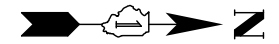
**NOTES:**

1. USE IN EXISTING, PROPOSED AND TEMPORARY DITCHES OF ALL TYPES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
2. THE SEDIMENT TRAP SHALL BE REPLACED DUE TO WASHOUT, DAMAGE FROM CONSTRUCTION TRAFFIC, OR SILT ACCUMULATION. THE SILT SHALL BE REMOVED WHEN THE TRAP IS 50% FULL.
3. A LAYER OF AGGREGATE SHALL BE PLACED AGAINST THE UPSTREAM FACE OF THE TEMPORARY STONE OUTLET STRUCTURE.
4. THE COST TO PERFORM THIS WORK SHALL BE PAID FOR AS:
  - EARTH EXCAVATION FOR EROSION CONTROL
  - STONE RIPRAP, CLASS A4
  - FILTER FABRIC
5. UPON COMPLETION OF CONSTRUCTION, ESTABLISHMENT OF FINAL STABILIZATION, AND WHEN DIRECTED BY THE ENGINEER, THE SEDIMENT TRAP SHALL BE REMOVED AND THE DITCH LINE RE-ESTABLISHED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. THE COST TO COMPLETE THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE ITEMS LISTED ABOVE.

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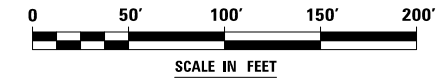
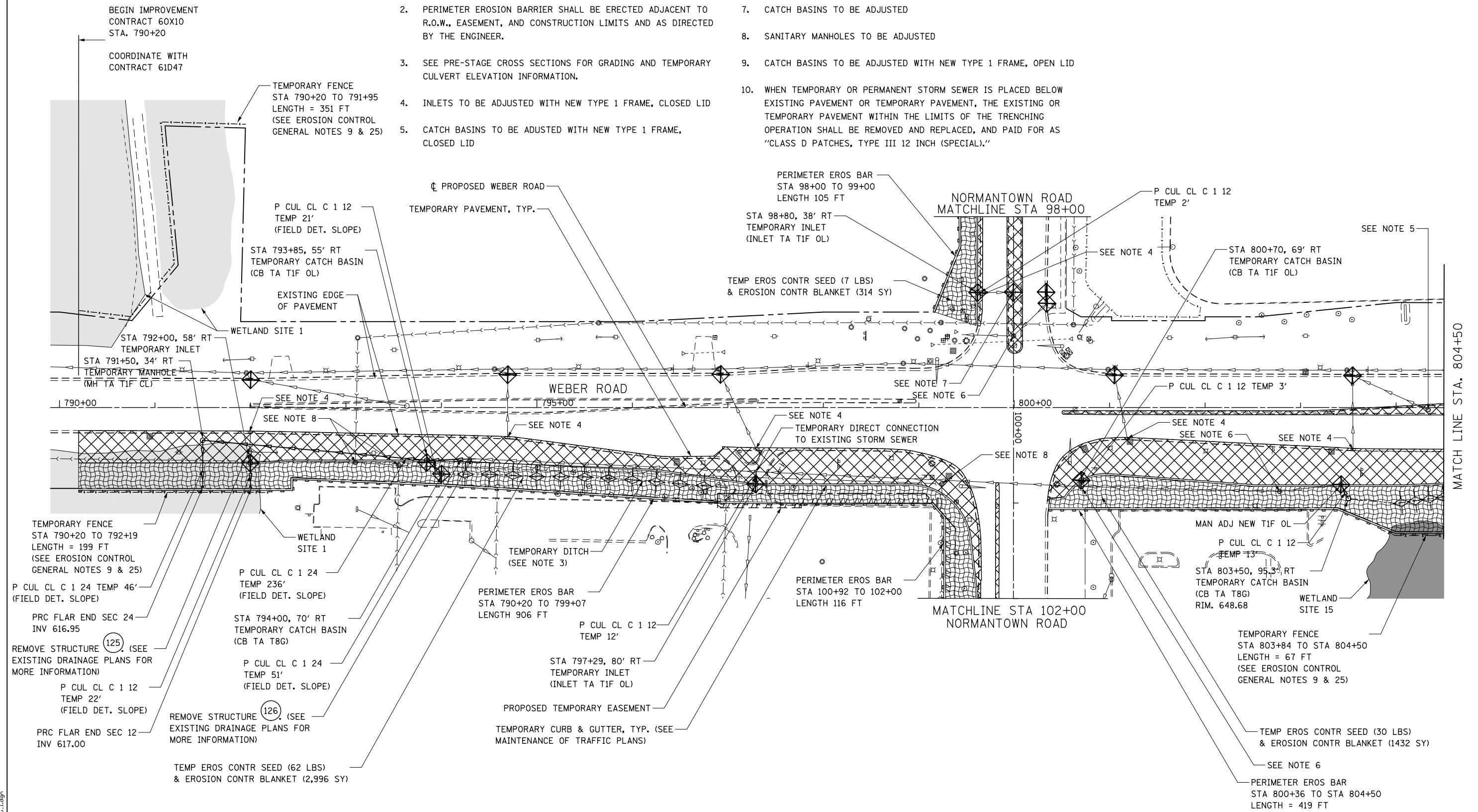
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	DATE 05/12/17	REVISED -

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	855
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	



### NOTES

- SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
- PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
- SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
- INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
- CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
- MANHOLES TO BE ADJUSTED
- CATCH BASINS TO BE ADJUSTED
- SANITARY MANHOLES TO BE ADJUSTED
- CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
- WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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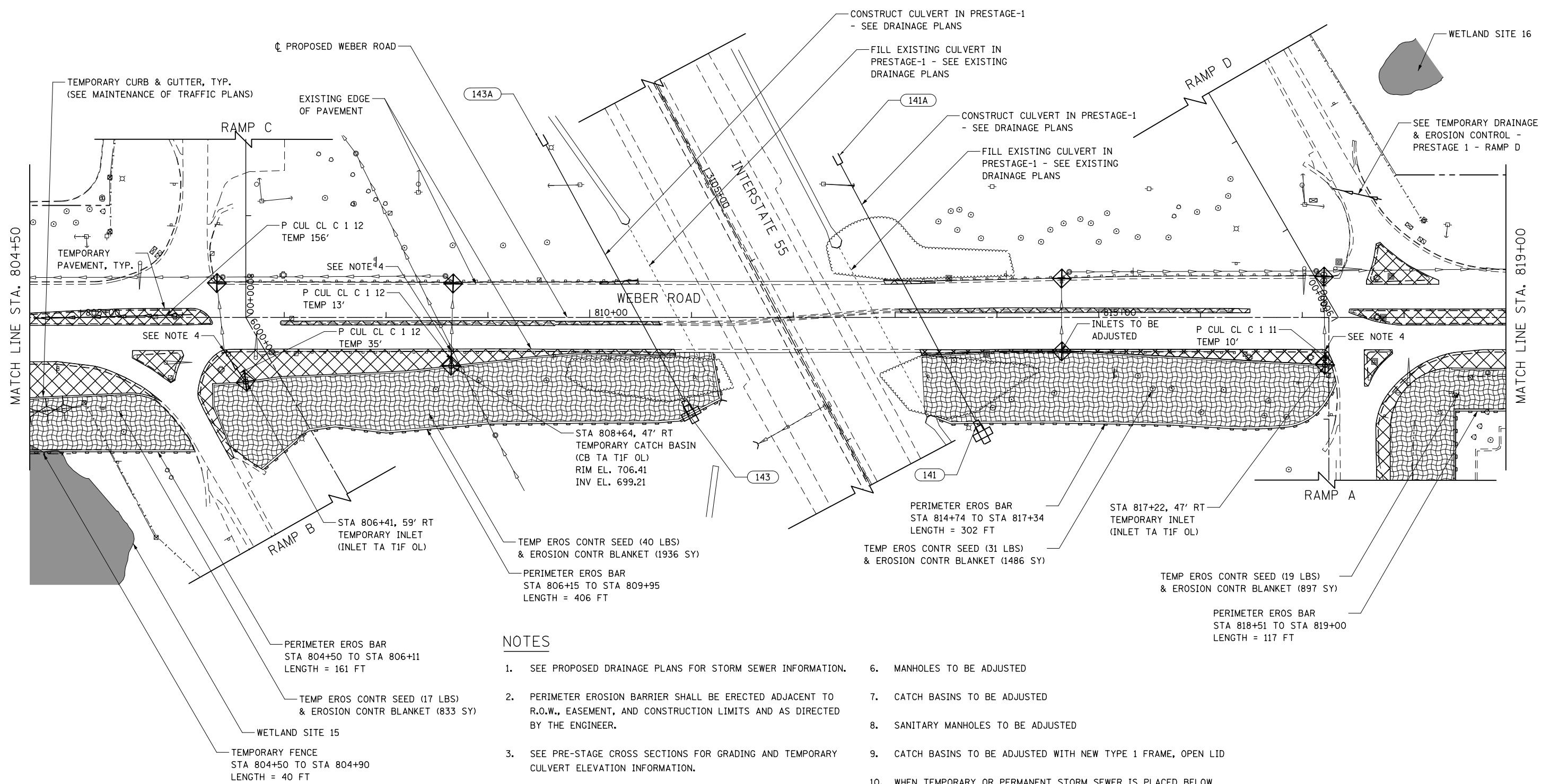
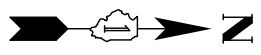


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

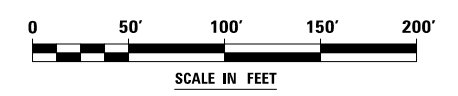
<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL - PRESTAGE 1</b>		
<b>WEBER ROAD</b>		
SCALE: AS SHOWN	SHEET NO. 1 OF 16 SHEETS	STA. TO STA.

F.A.I./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	856
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
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7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
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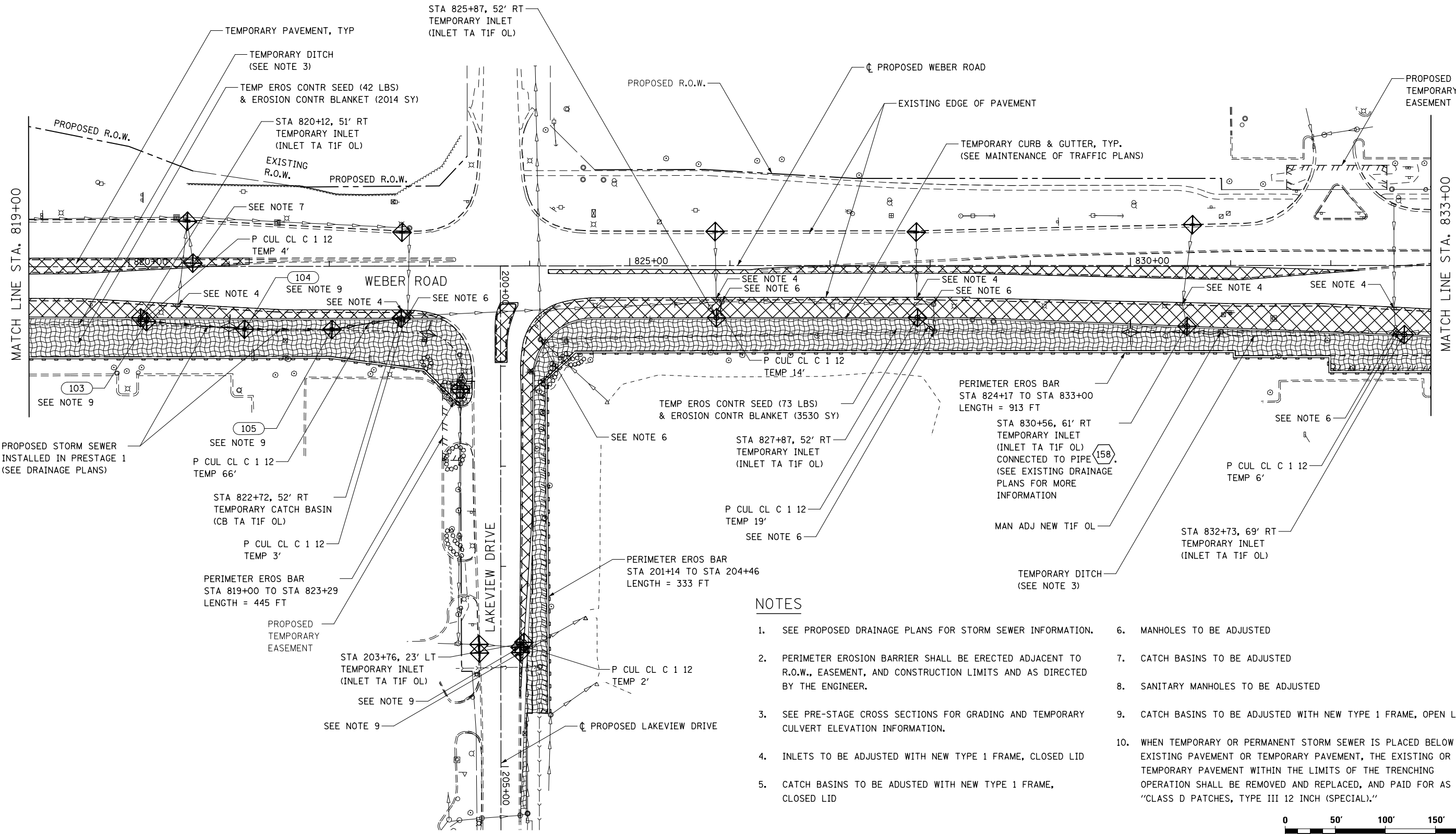


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

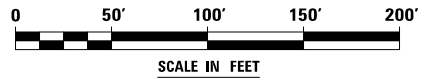
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<b>WEBER ROAD</b>		
SCALE: AS SHOWN	SHEET NO. 2 OF 16 SHEETS	STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	857
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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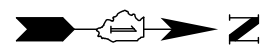
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - PRESTAGE 1  
WEBER ROAD AND LAKEVIEW DRIVE**

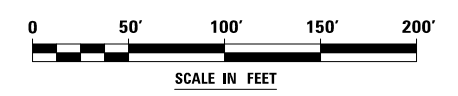
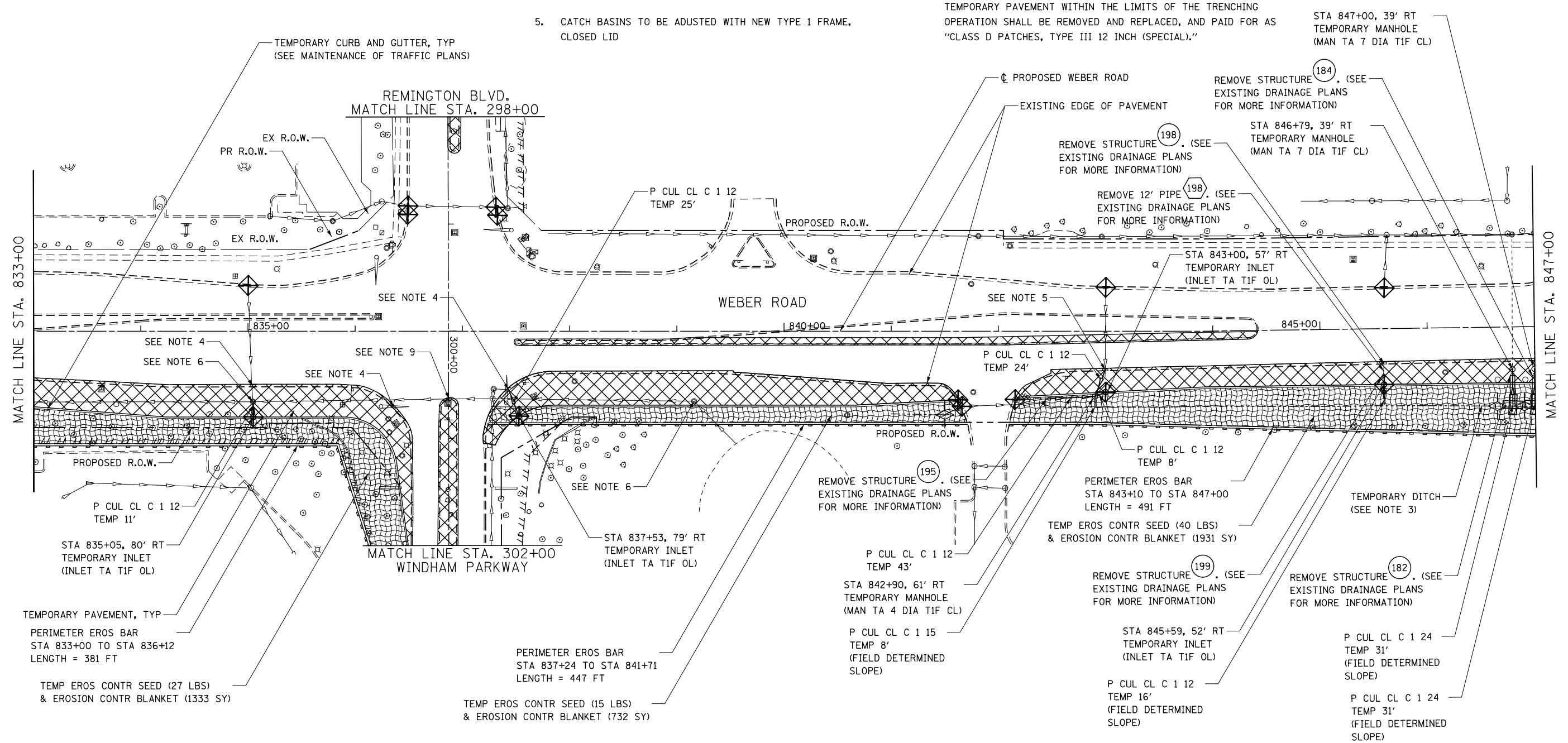
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	858
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
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8. SANITARY MANHOLES TO BE ADJUSTED
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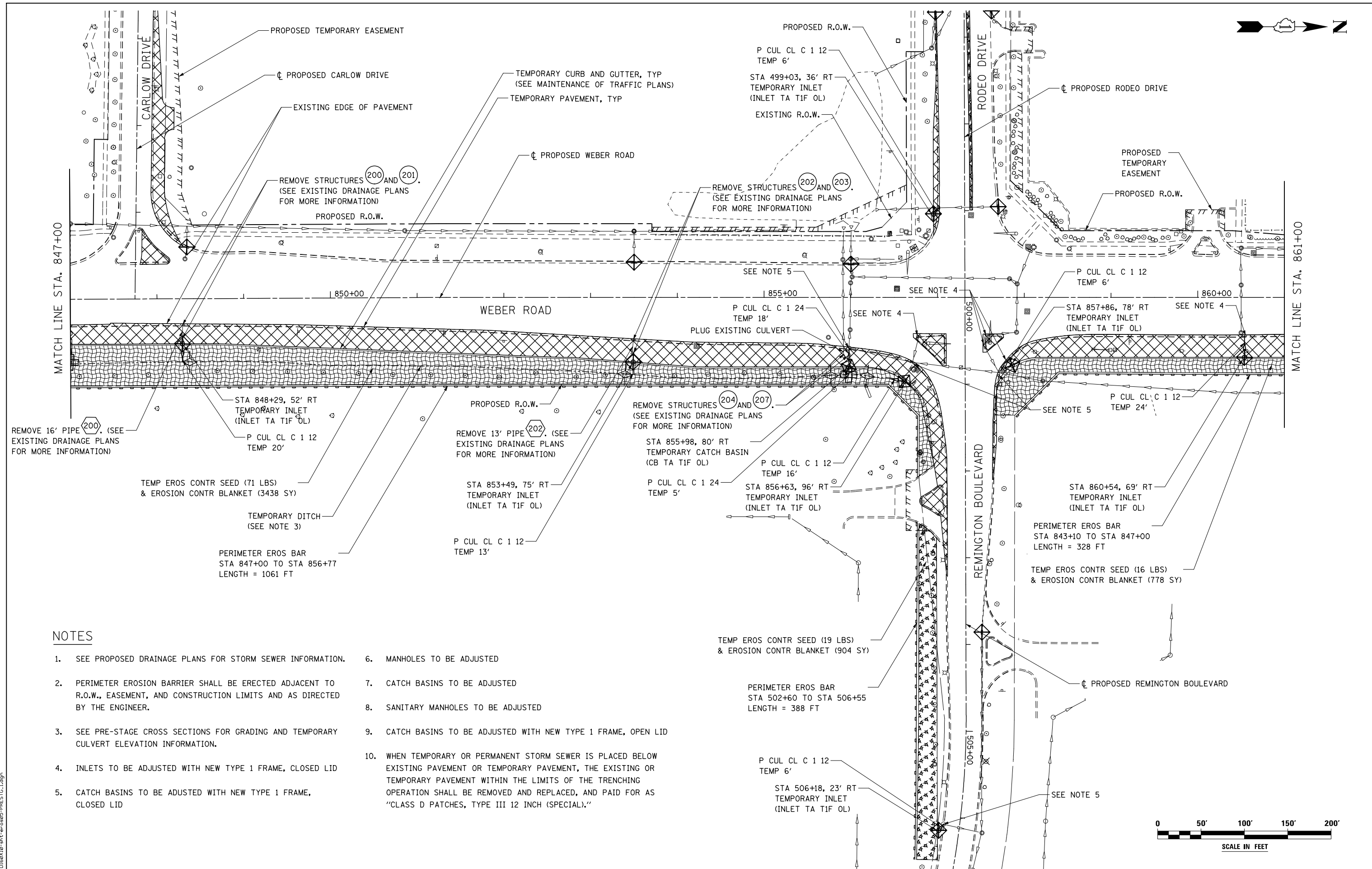
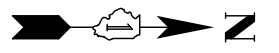
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL - PRESTAGE 1 WEBER ROAD</b>			
SCALE: AS SHOWN	SHEET NO. 4 OF 16 SHEETS	STA.	TO STA.

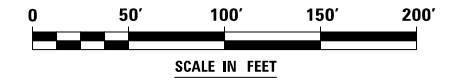
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*	(99-1HB-1) R-1	WILL	1508	859
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				





**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
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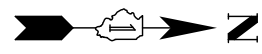
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - PRESTAGE 1  
WEBER ROAD, CARLOW DRIVE AND RODEO DRIVE / REMINGTON BLVD**

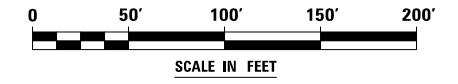
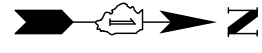
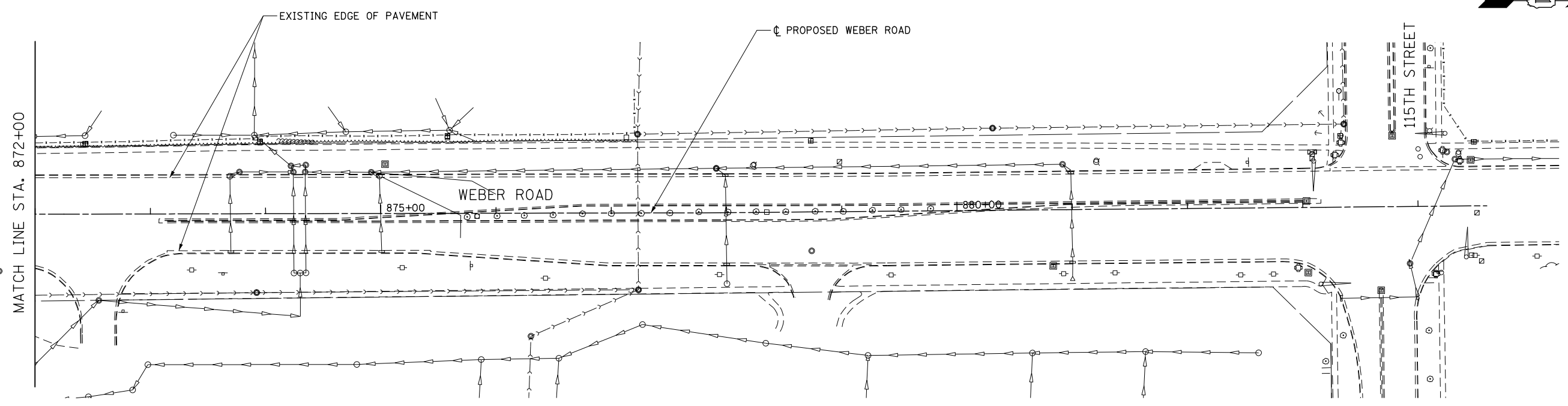
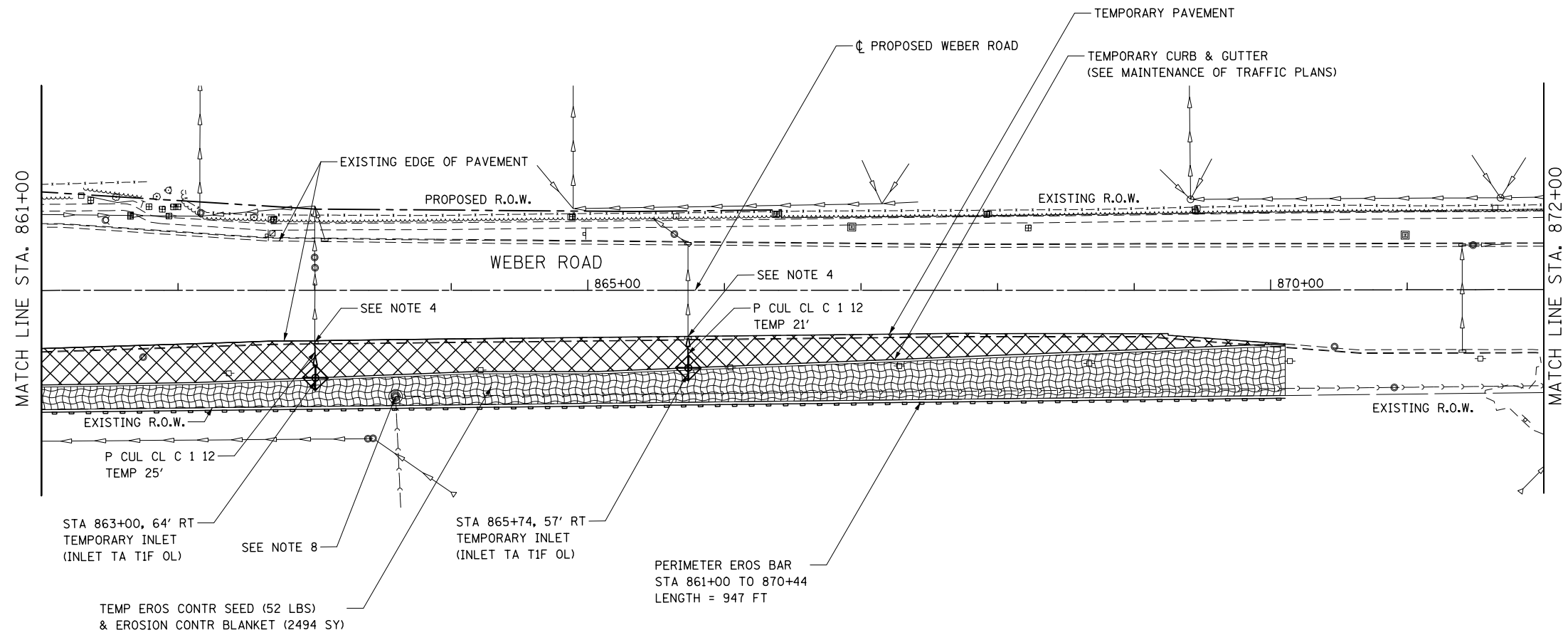
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	860
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	



NOTES

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
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8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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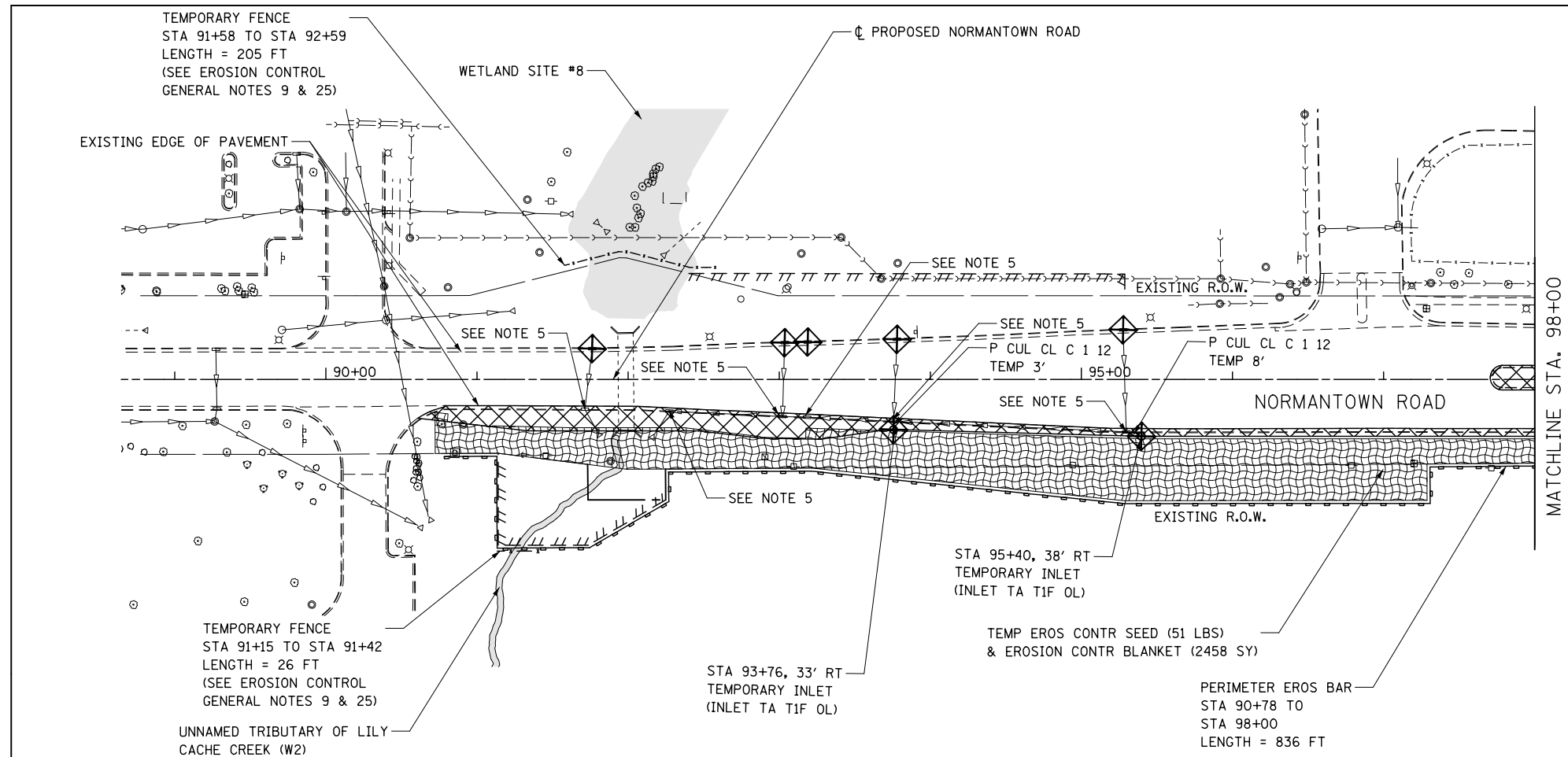
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY DRAINAGE & EROSION CONTROL - PRESTAGE 1  
WEBER ROAD

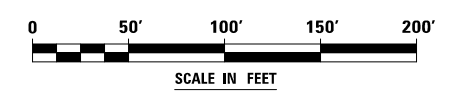
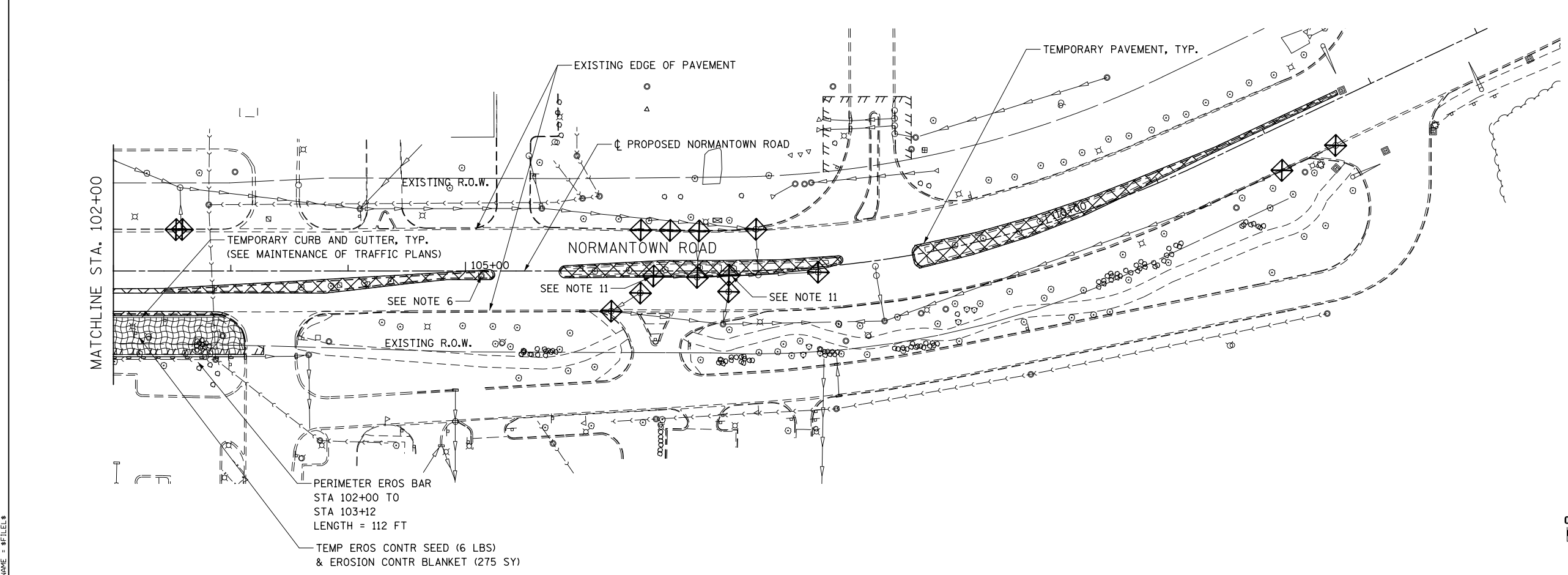
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	861
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
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8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."
11. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID



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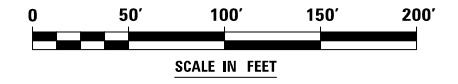
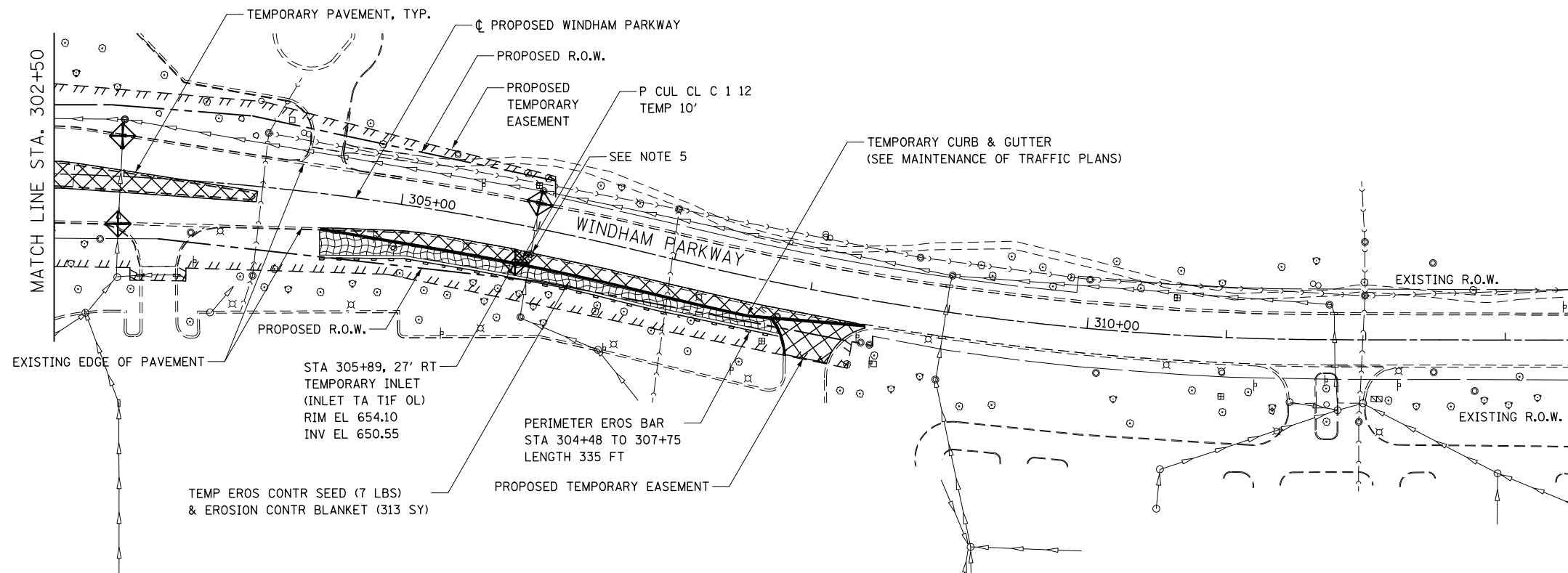
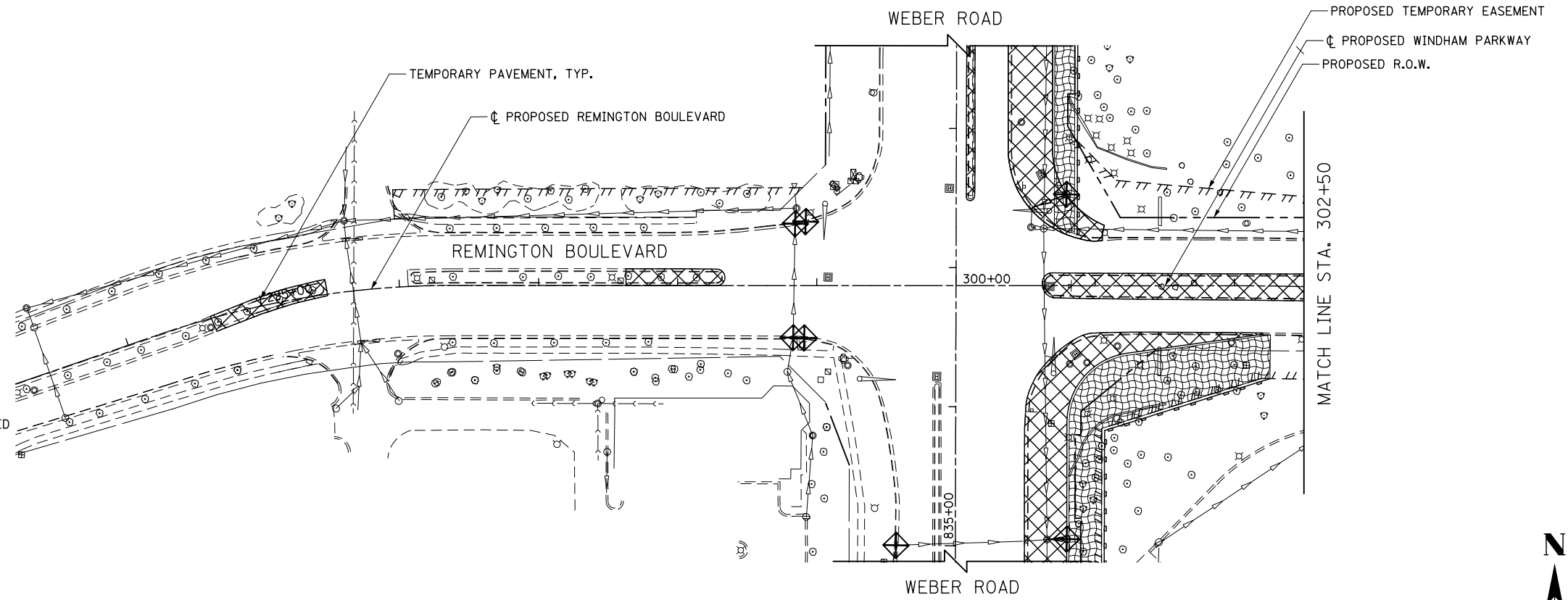
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL - PRESTAGE 1</b>			
<b>NORMANTOWN ROAD</b>			
SCALE: AS SHOWN	SHEET 7 OF 16 SHEETS	STA.	TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	862
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
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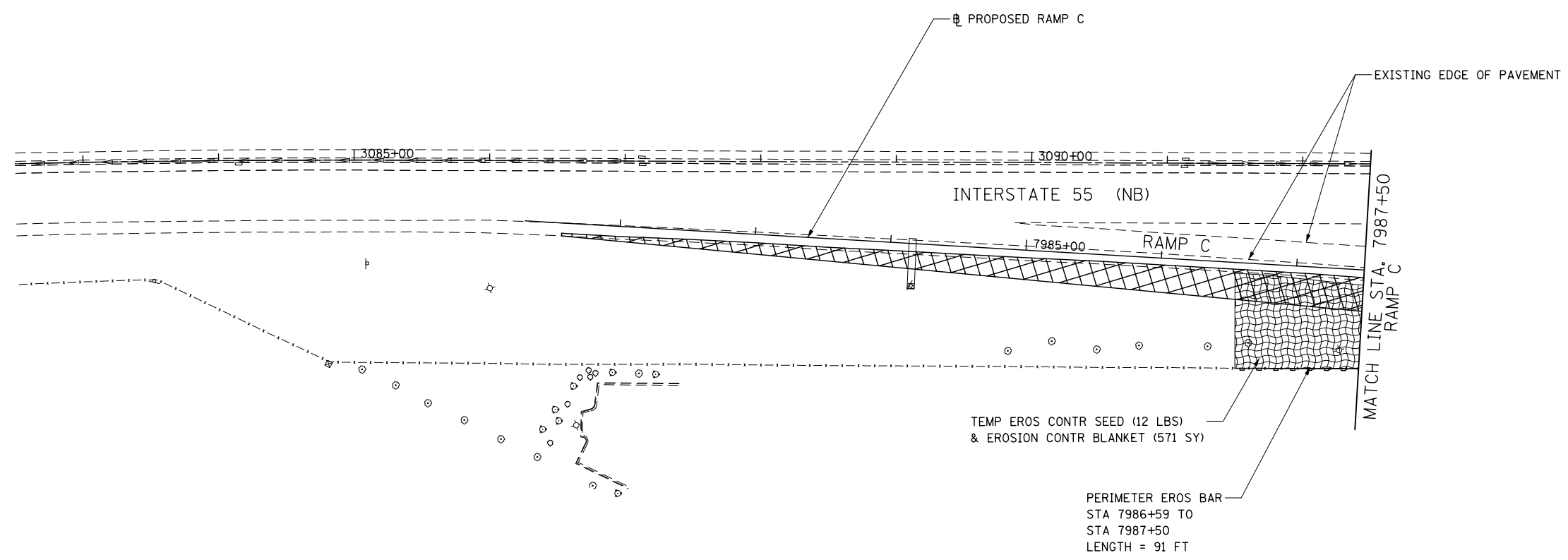
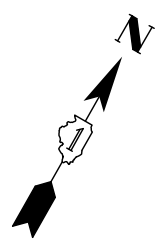
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	PLOT DATE = 5/13/2017	CHECKED PJO	REVISED -
		DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - PRESTAGE 1  
REMINGTON BOULEVARD / WINDHAM PARKWAY**

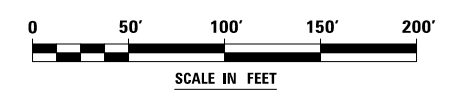
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	863
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



FILE NAME : D:\60X10-eh-t-eroa-09-PRSTG1.dgn



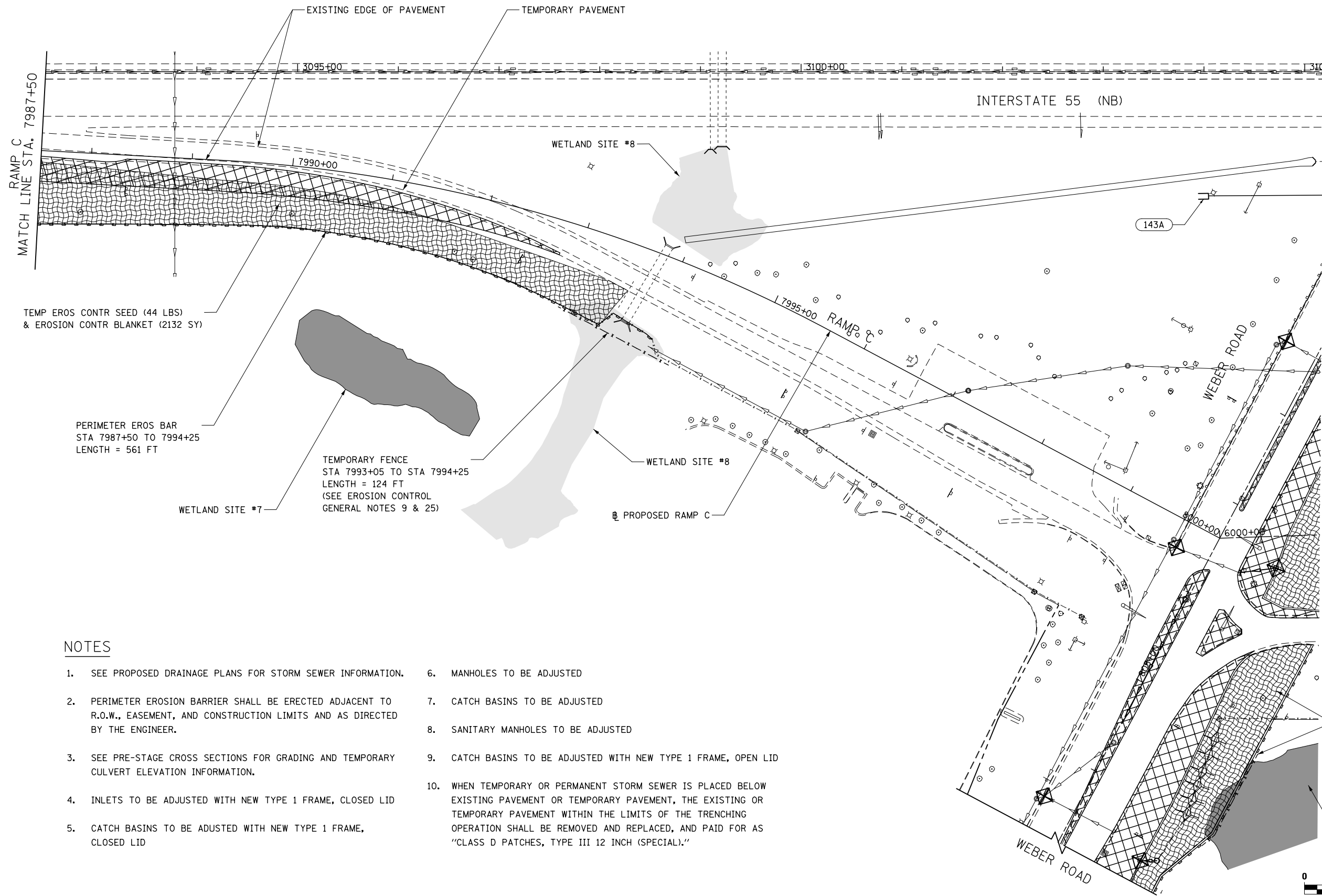
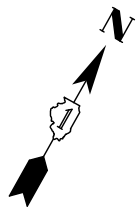
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL – PRESTAGE 1  
RAMP C**

SCALE: AS SHOWN    SHEET NO. 9 OF 16 SHEETS    STA.    TO STA.

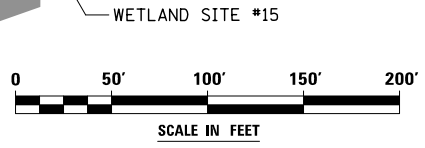
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	864
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60X10	



**NOTES**

- |   |  |
|---|--|
| <p>1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.</p> <p>2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.</p> <p>3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.</p> <p>4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID</p> <p>5. CATCH BASINS TO BE ADUSTED WITH NEW TYPE 1 FRAME, CLOSED LID</p> | <p>6. MANHOLES TO BE ADJUSTED</p> <p>7. CATCH BASINS TO BE ADJUSTED</p> <p>8. SANITARY MANHOLES TO BE ADJUSTED</p> <p>9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID</p> <p>10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."</p> |
|---|--|

SEE EROSION CONTROL PLANS FOR WEBER ROAD



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**KNIGHT**  
Engineers & Architects

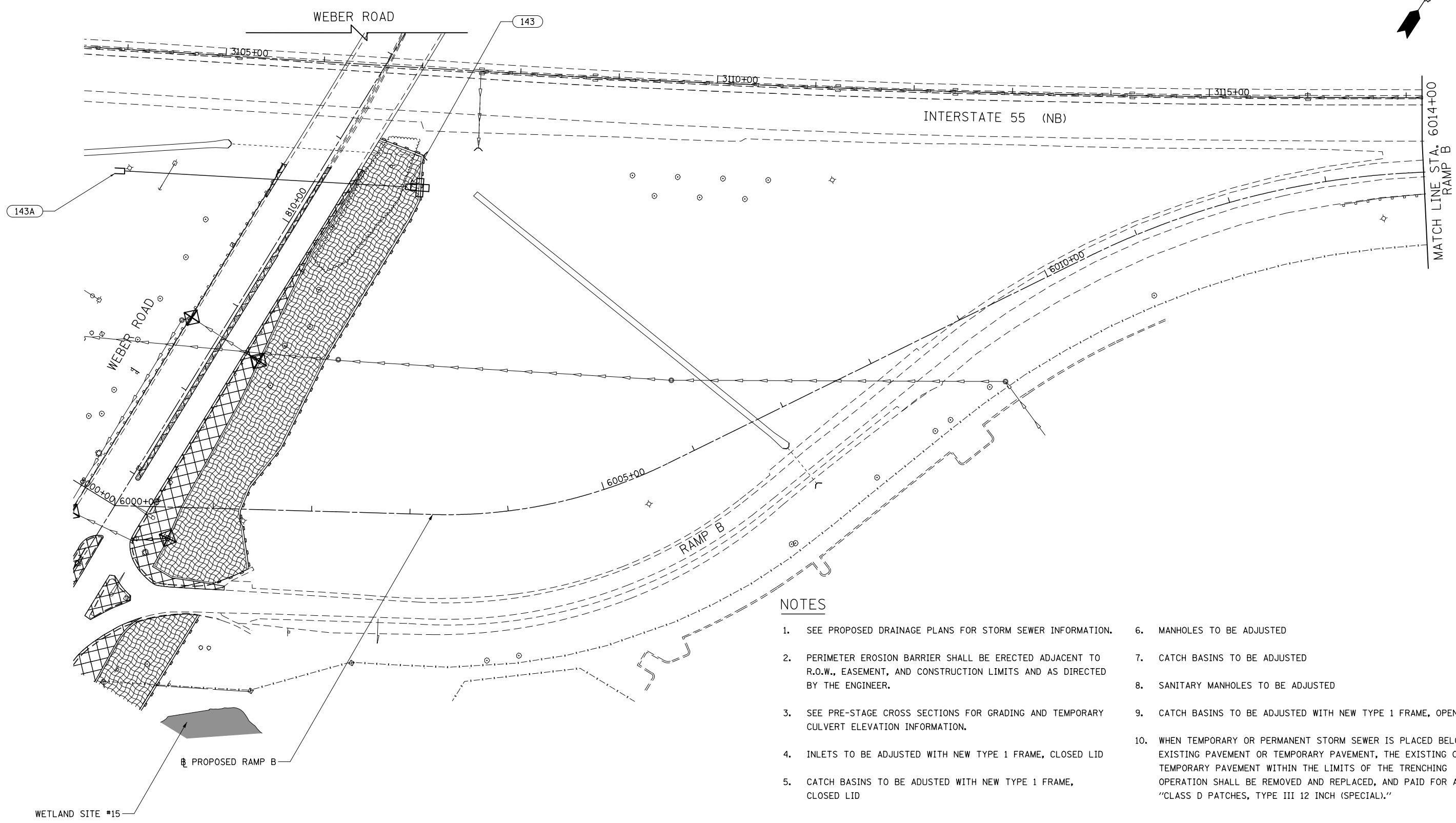
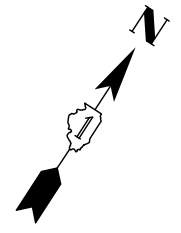
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	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - PRESTAGE 1  
RAMPS C**

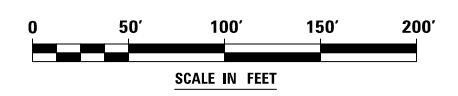
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F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	865
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



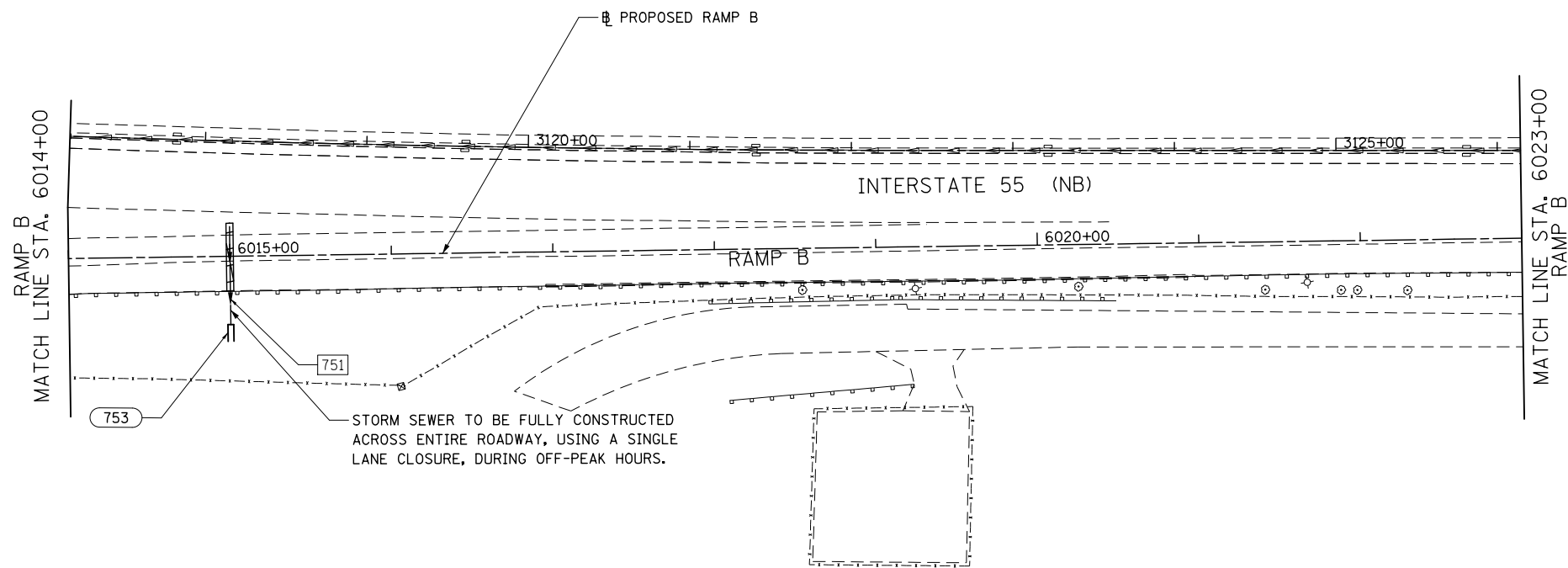
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		DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

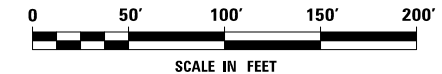
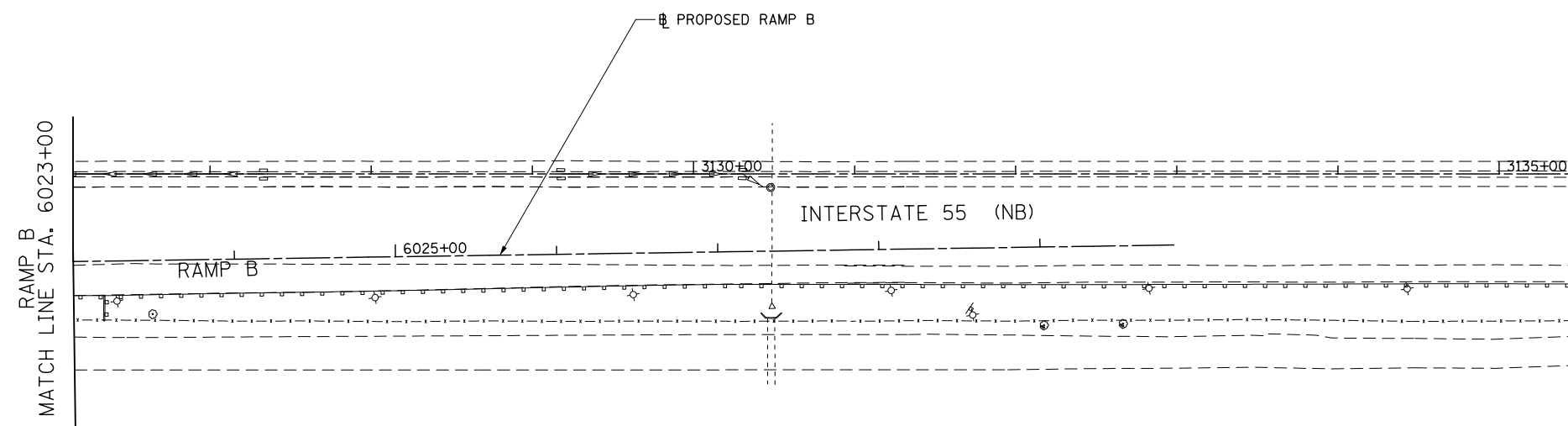
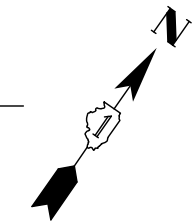
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SCALE: AS SHOWN	SHEET NO. 11 OF 16 SHEETS	STA.	TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	866
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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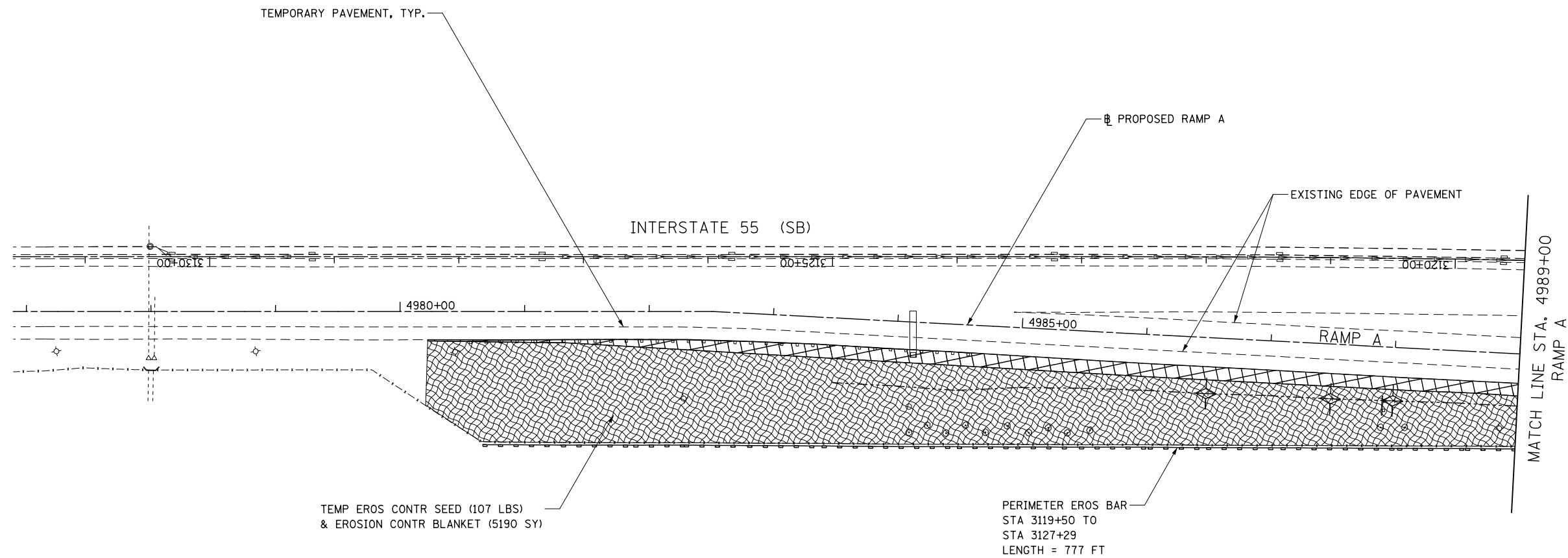
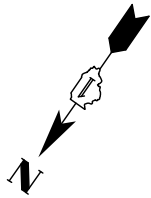
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - PRESTAGE 1  
RAMP B**

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	867
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

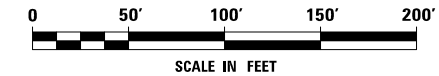
SCALE: AS SHOWN    SHEET NO. 12 OF 16 SHEETS    STA.    TO STA.





**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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**KNIGHT**  
Engineers & Architects

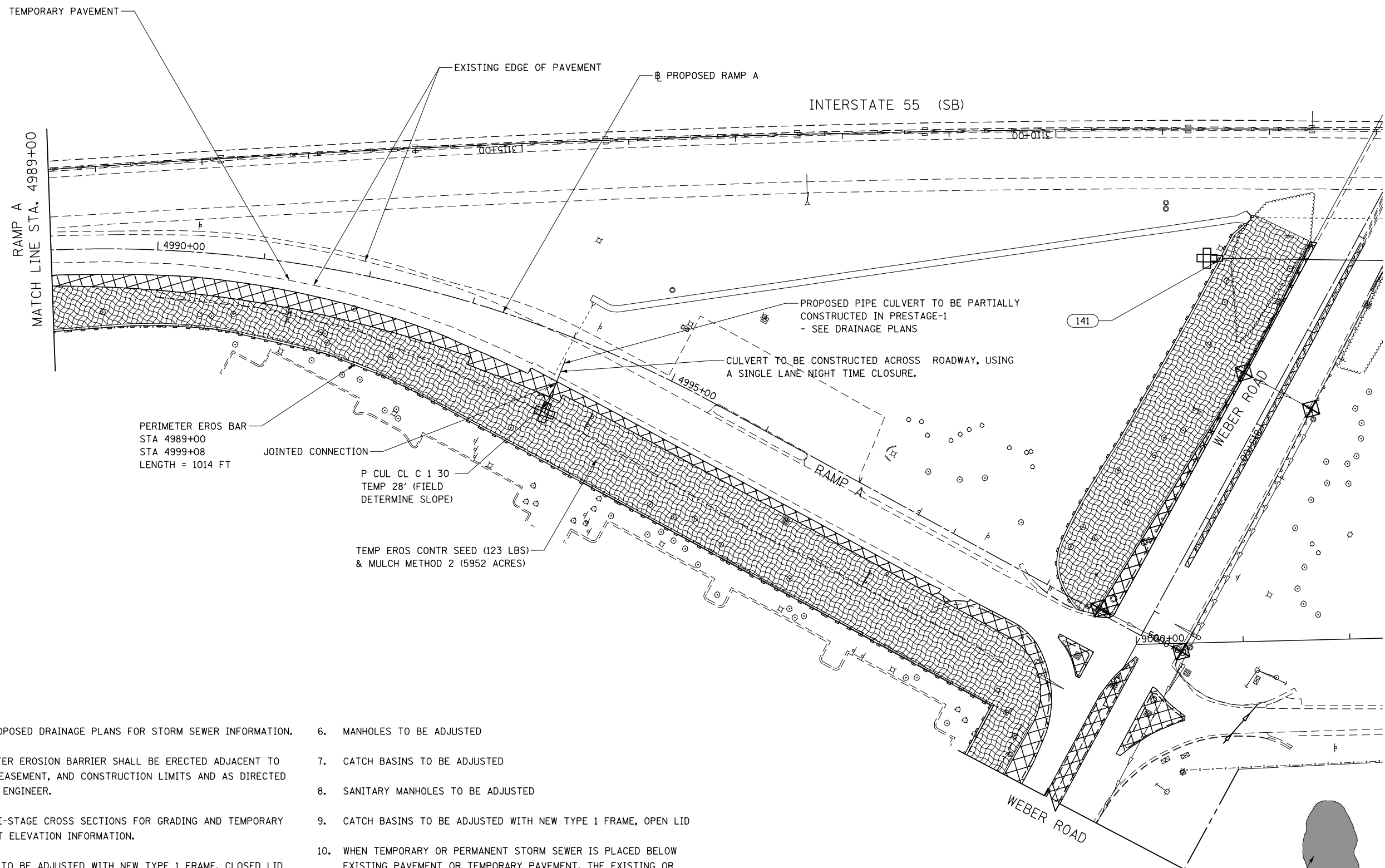
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - PRESTAGE 1  
RAMP A**

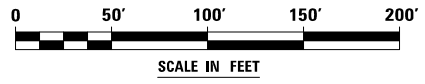
SCALE: AS SHOWN SHEET NO. 13 OF 16 SHEETS STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	868
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



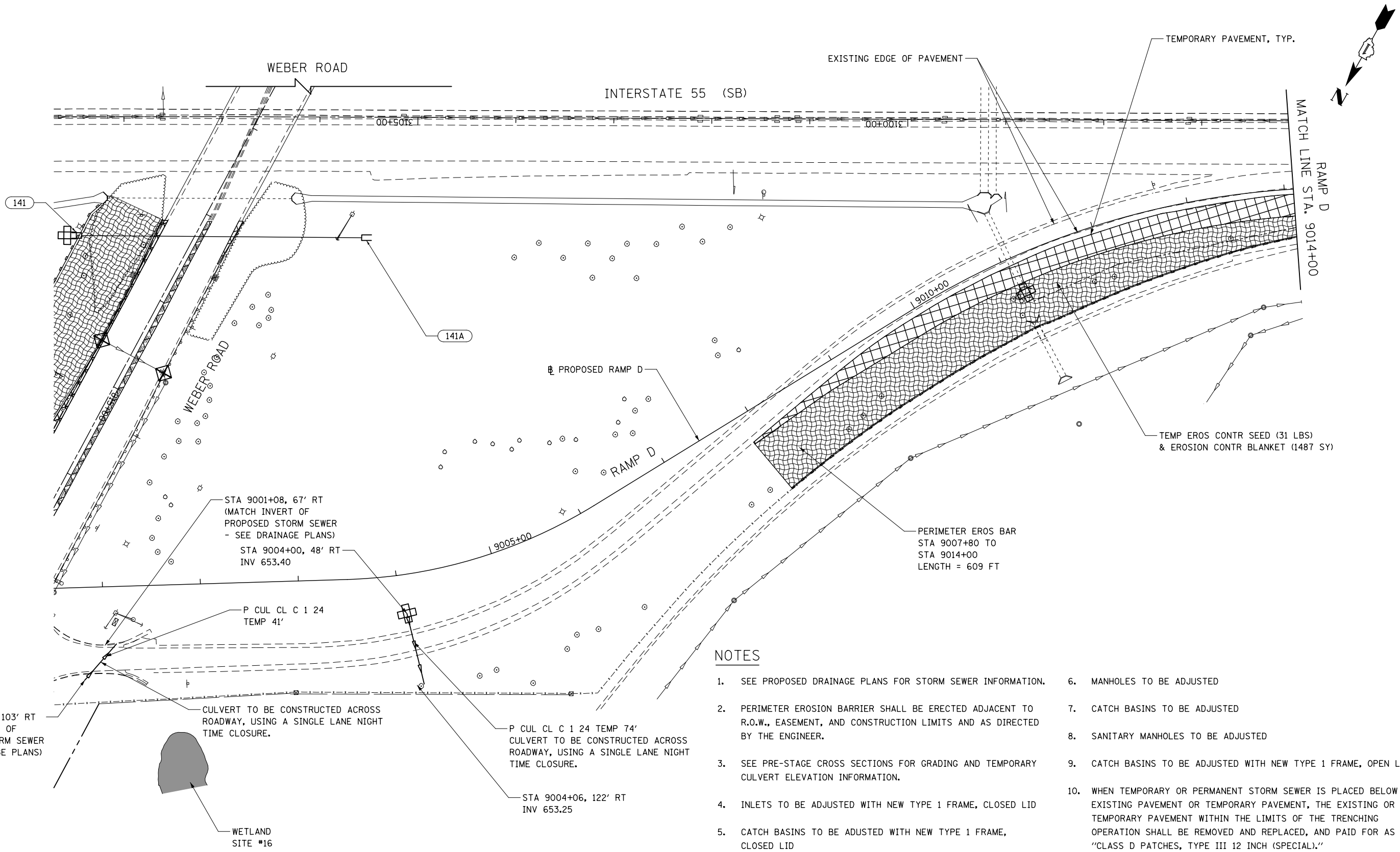
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

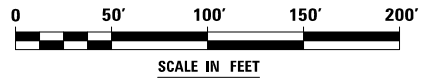
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SCALE: AS SHOWN	SHEET NO. 14 OF 16 SHEETS	STA.	TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	869
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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**KNIGHT**  
Engineers & Architects

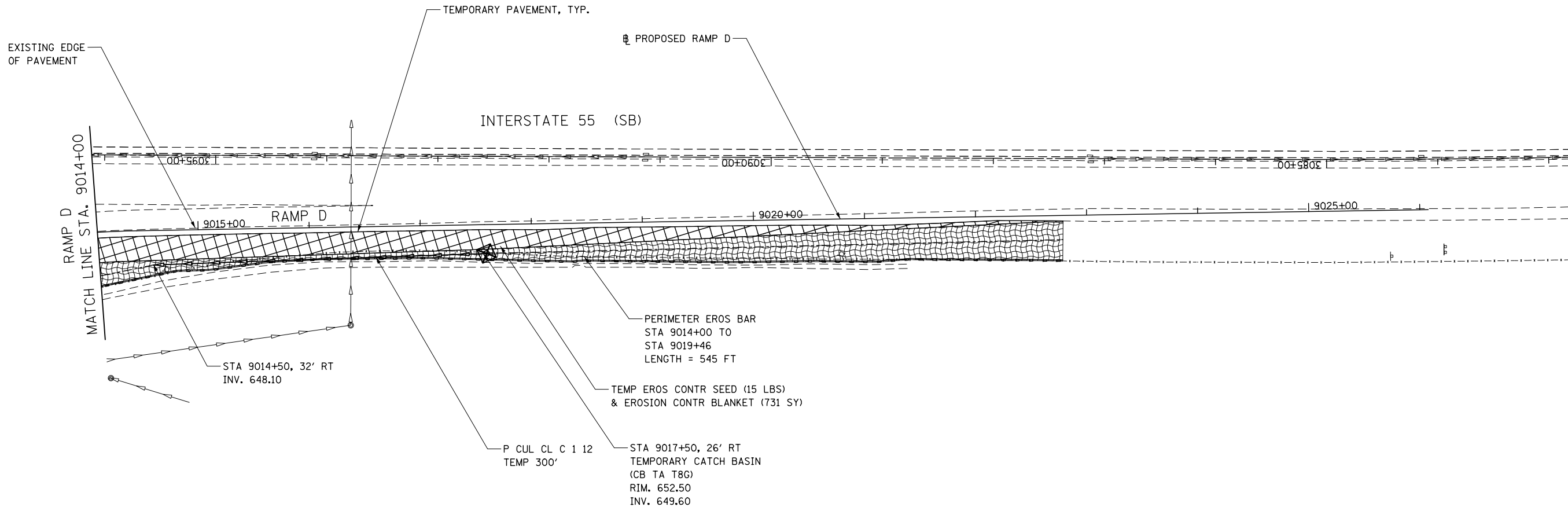
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - PRESTAGE 1  
RAMP D**

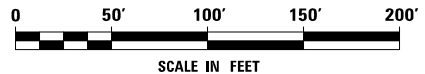
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	870
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

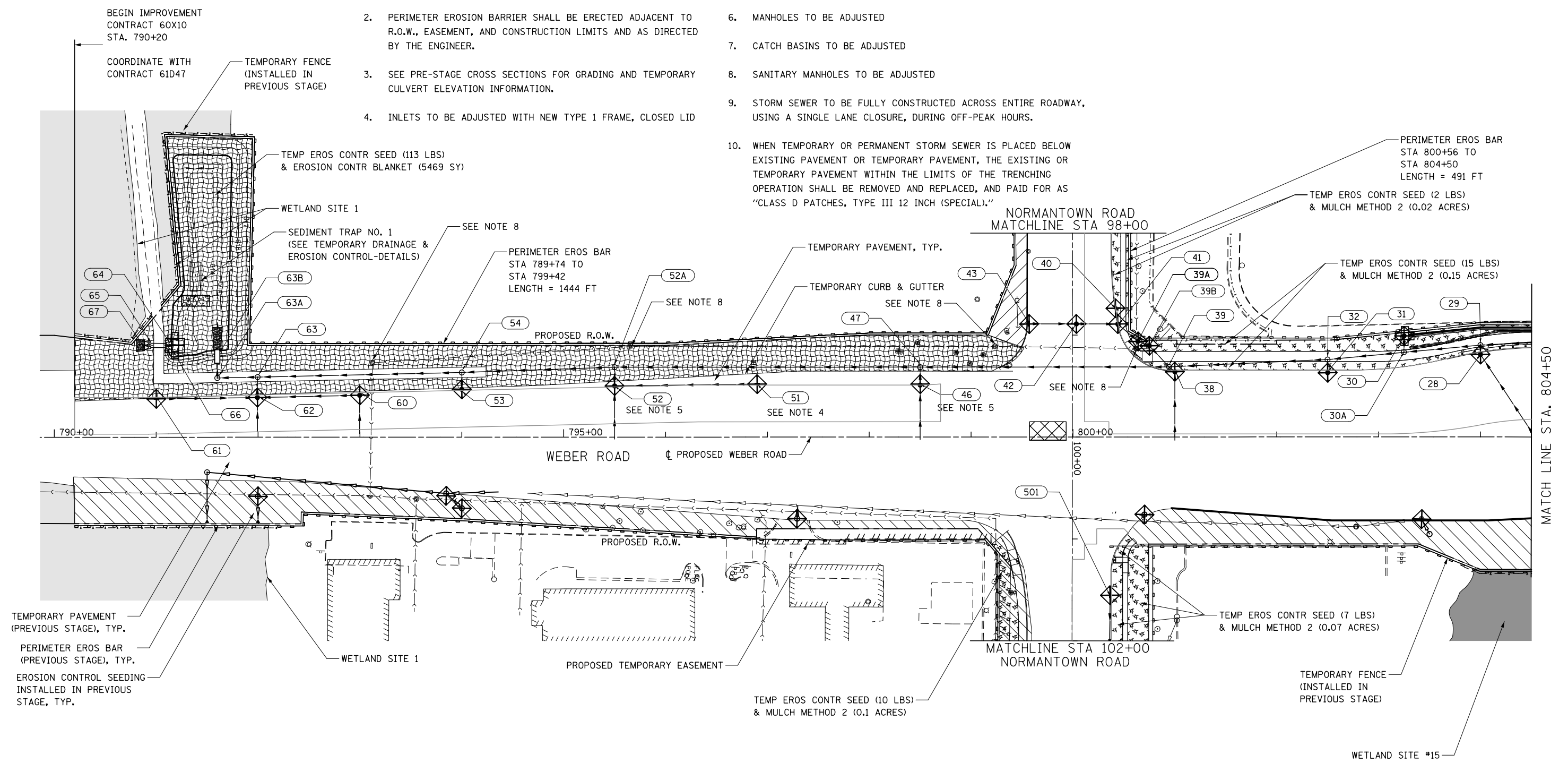
<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL - PRESTAGE 1 RAMP D</b>		
SCALE: AS SHOWN	SHEET NO. 16 OF 16 SHEETS	STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	871
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	

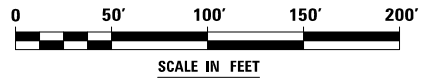


**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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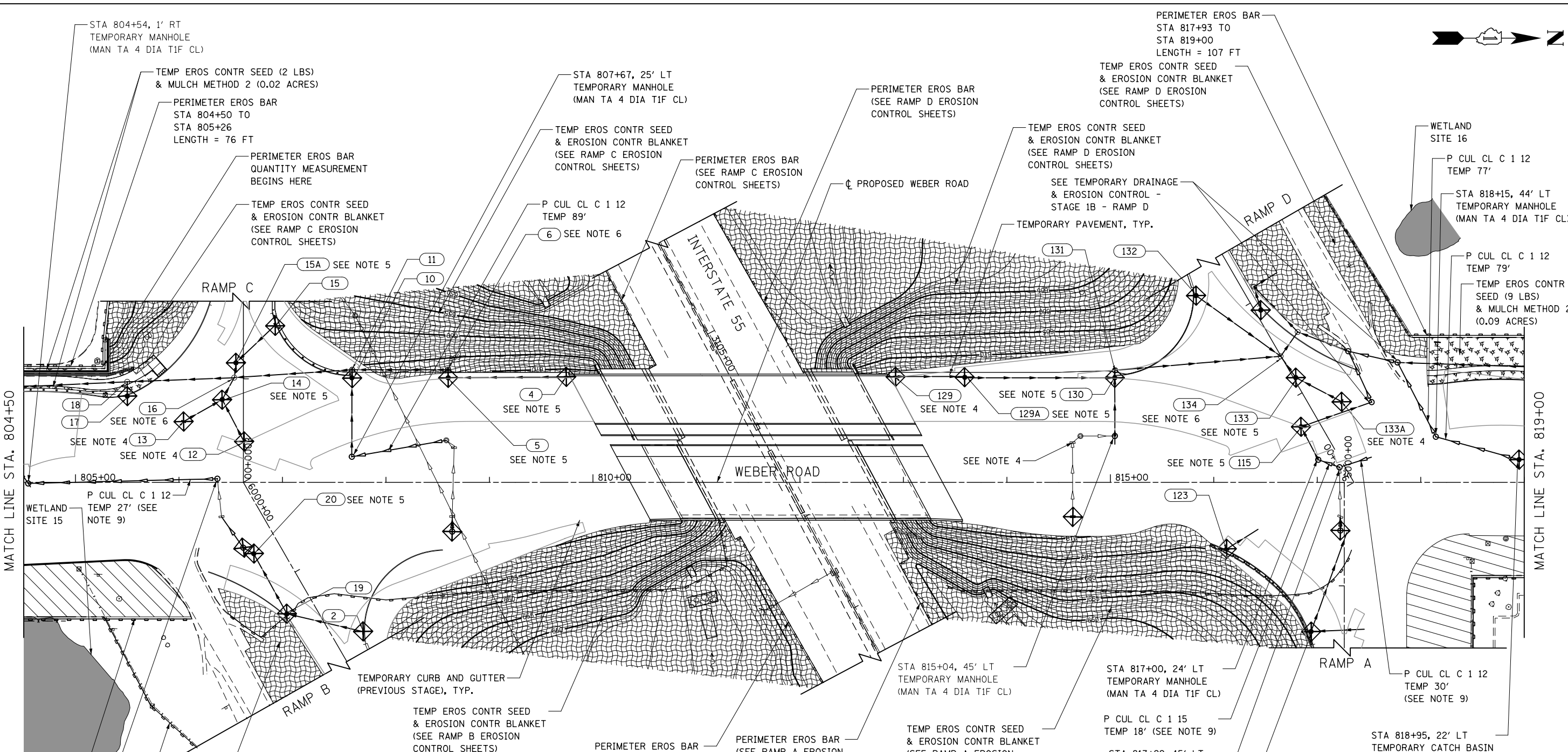
**KNIGHT**  
Engineers & Architects

USER NAME = mmaestra	DESIGNED DGB	REVISED -
DRAWN DGB	REVISED -	
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

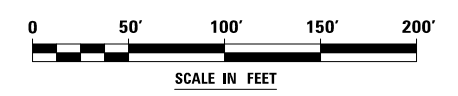
**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1**  
**WEBER ROAD**  
SCALE: AS SHOWN SHEET NO. 1 OF 16 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	872
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



FILE NAME : D:\60X10-shr-eroa02-STG-1.dgn

**KNIGHT**  
Engineers & Architects

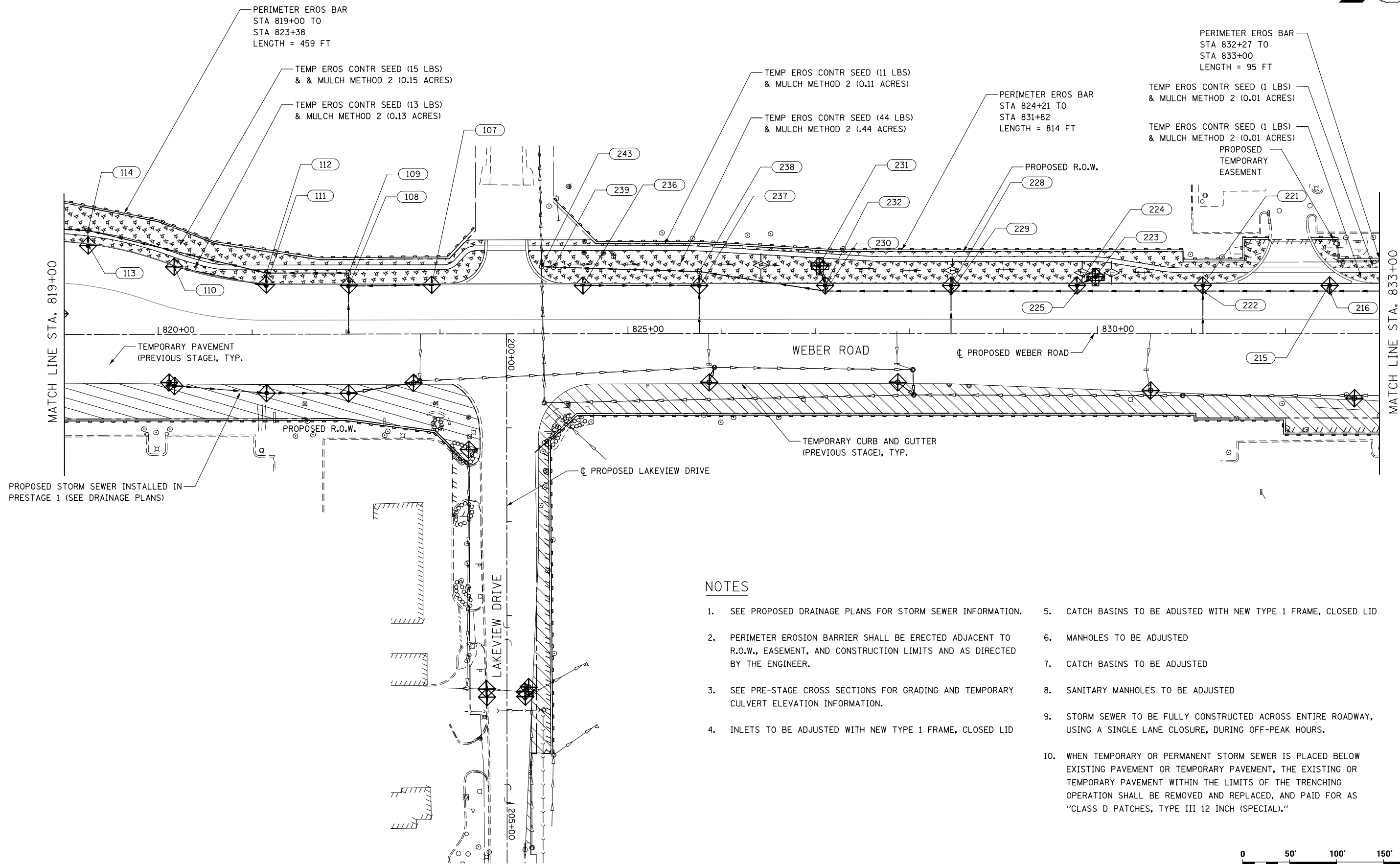
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PLOT DATE : 5/13/2017	CHECKED PJO	REVISED -
	DATE 05/12/17	REVISED -

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

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1**  
**WEBER ROAD**

SCALE: AS SHOWN    SHEET NO. 2 OF 16 SHEETS    STA.    TO STA.

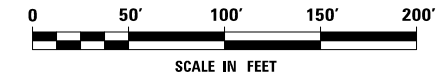
F.A.I./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	873
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



PROPOSED STORM SEWER INSTALLED IN PRESTAGE 1 (SEE DRAINAGE PLANS)

**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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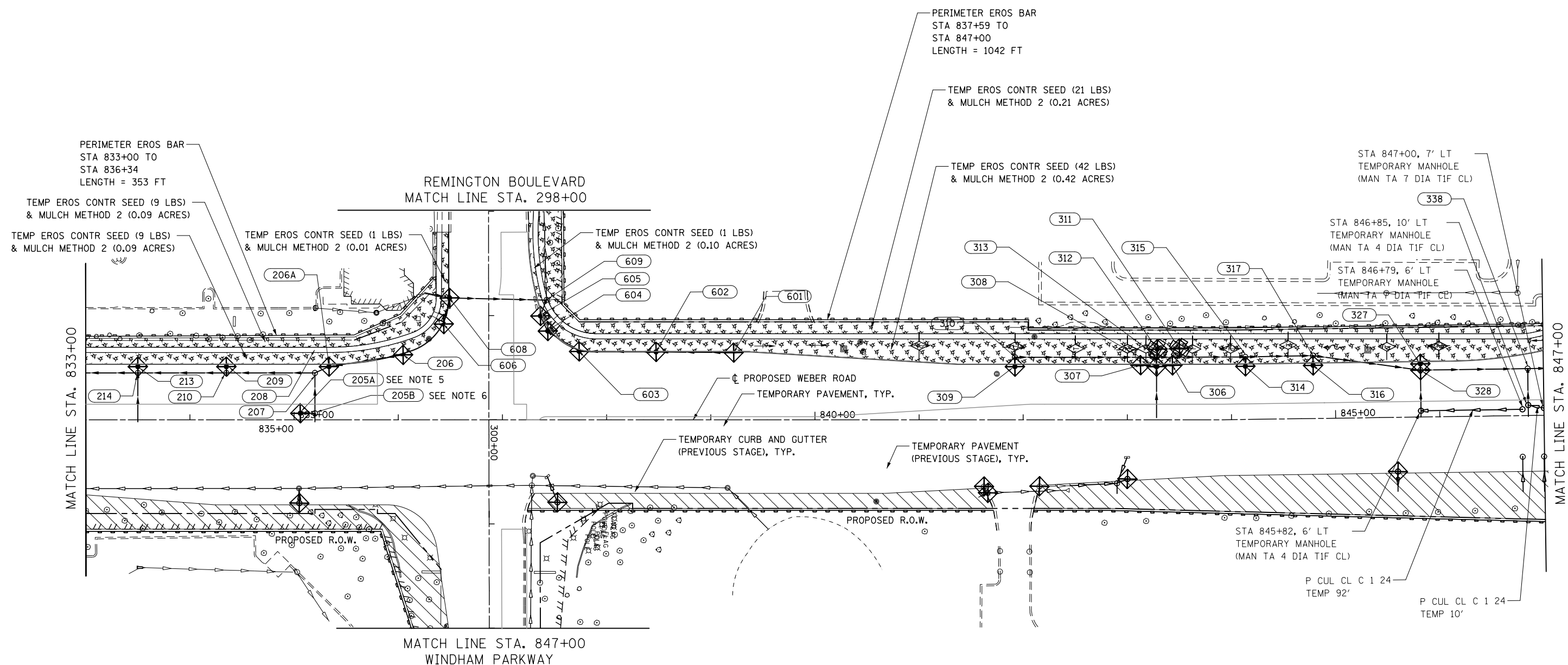
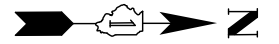
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

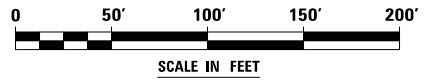
**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1  
WEBER ROAD AND LAKEVIEW DRIVE**

SCALE: AS SHOWN | SHEET NO. 3 OF 16 SHEETS | STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	874
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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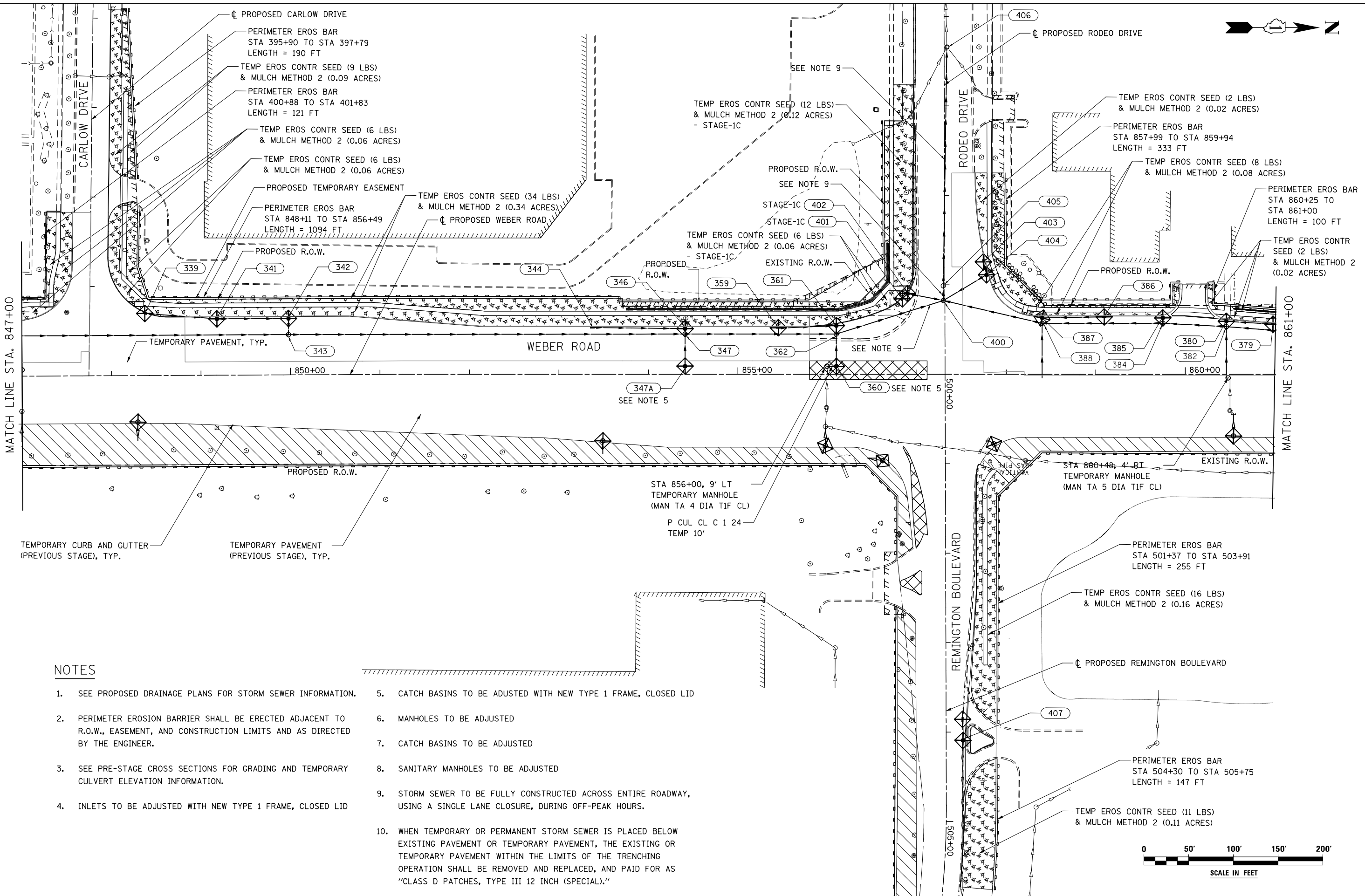
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL - STAGE 1</b>		
<b>WEBER ROAD</b>		
SCALE: AS SHOWN	SHEET NO. 4 OF 16 SHEETS	STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	875
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				





**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."

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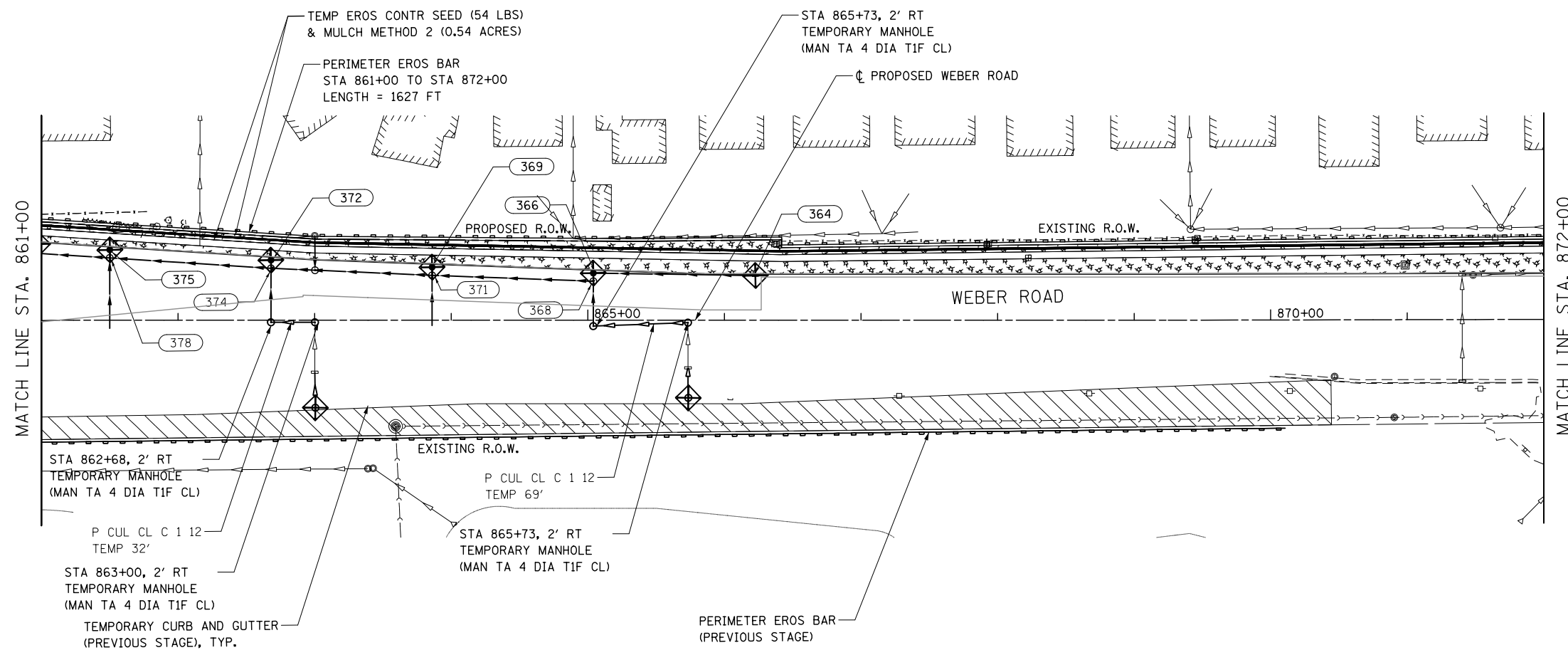


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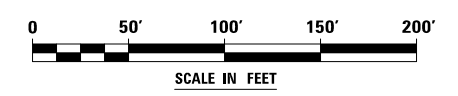
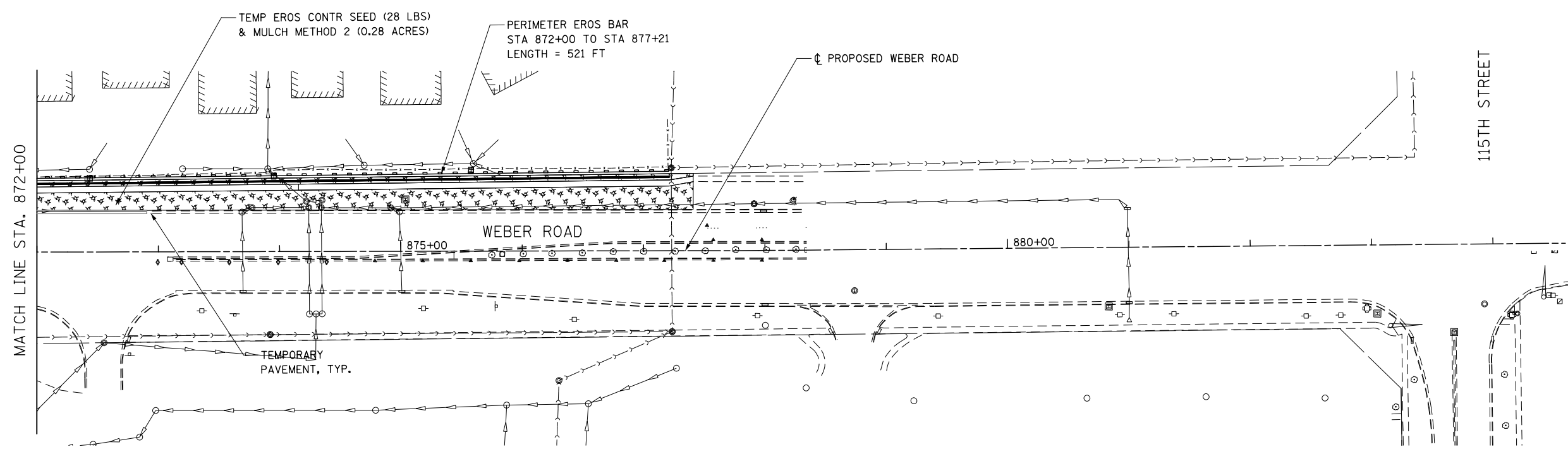
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1**  
**WEBER ROAD, CARLOW DRIVE AND RODEO DRIVE / REMINGTON BLVD**  
 SCALE: AS SHOWN SHEET NO. 5 OF 16 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	876
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



- NOTES**
1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
  2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
  3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
  4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
  5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
  6. MANHOLES TO BE ADJUSTED
  7. CATCH BASINS TO BE ADJUSTED
  8. SANITARY MANHOLES TO BE ADJUSTED
  9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



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**KNIGHT**  
Engineers & Architects

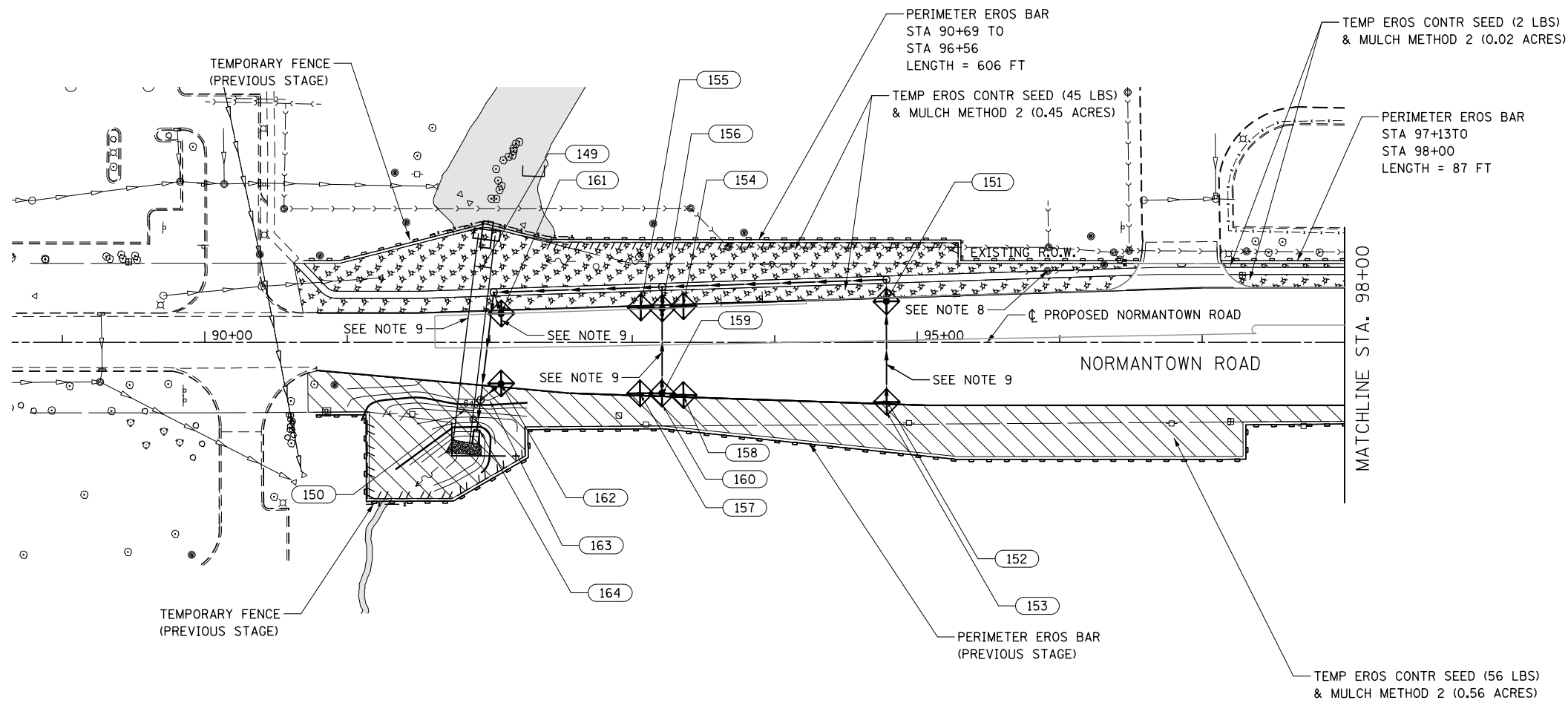
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PLOT DATE = 5/13/2017	CHECKED PJO	REVISED -
	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL – STAGE 1  
WEBER ROAD**

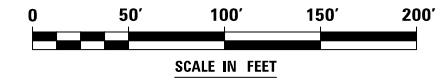
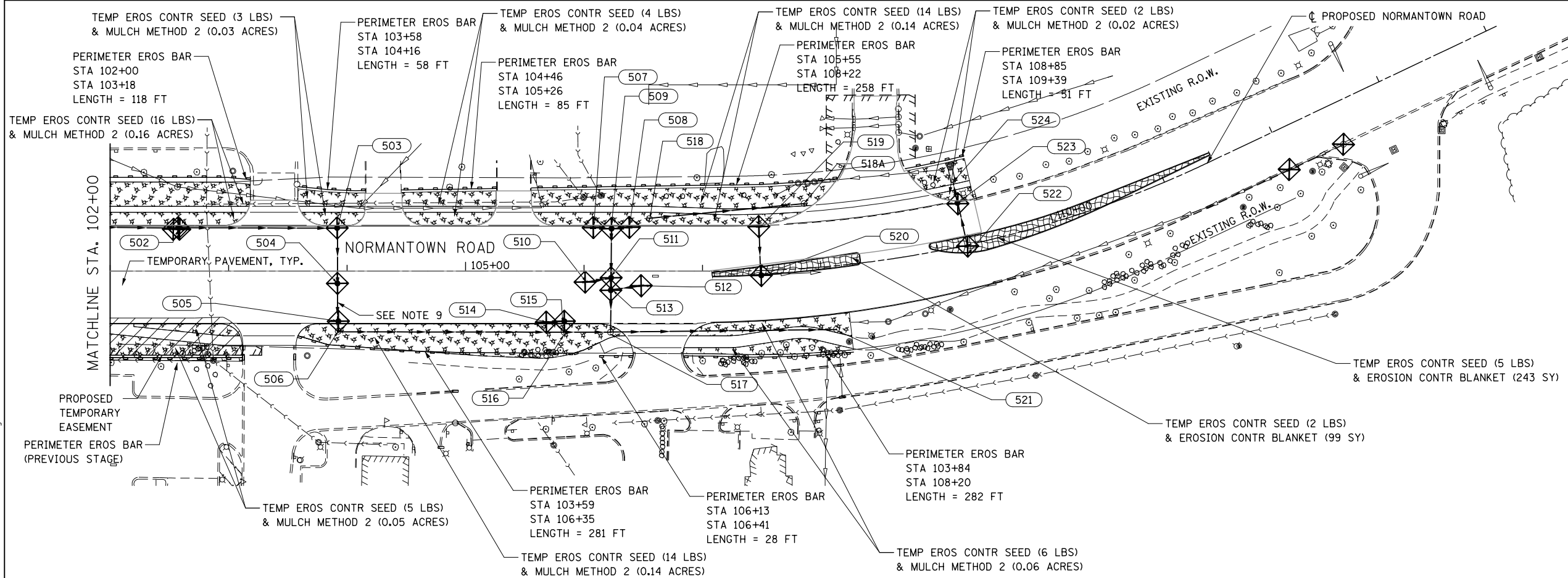
SCALE: AS SHOWN SHEET NO. 6 OF 16 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	877
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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**KNIGHT**  
Engineers & Architects

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PLOT SCALE = 1:1000	DRAWN DGB	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

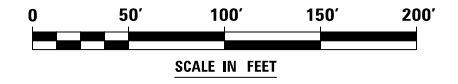
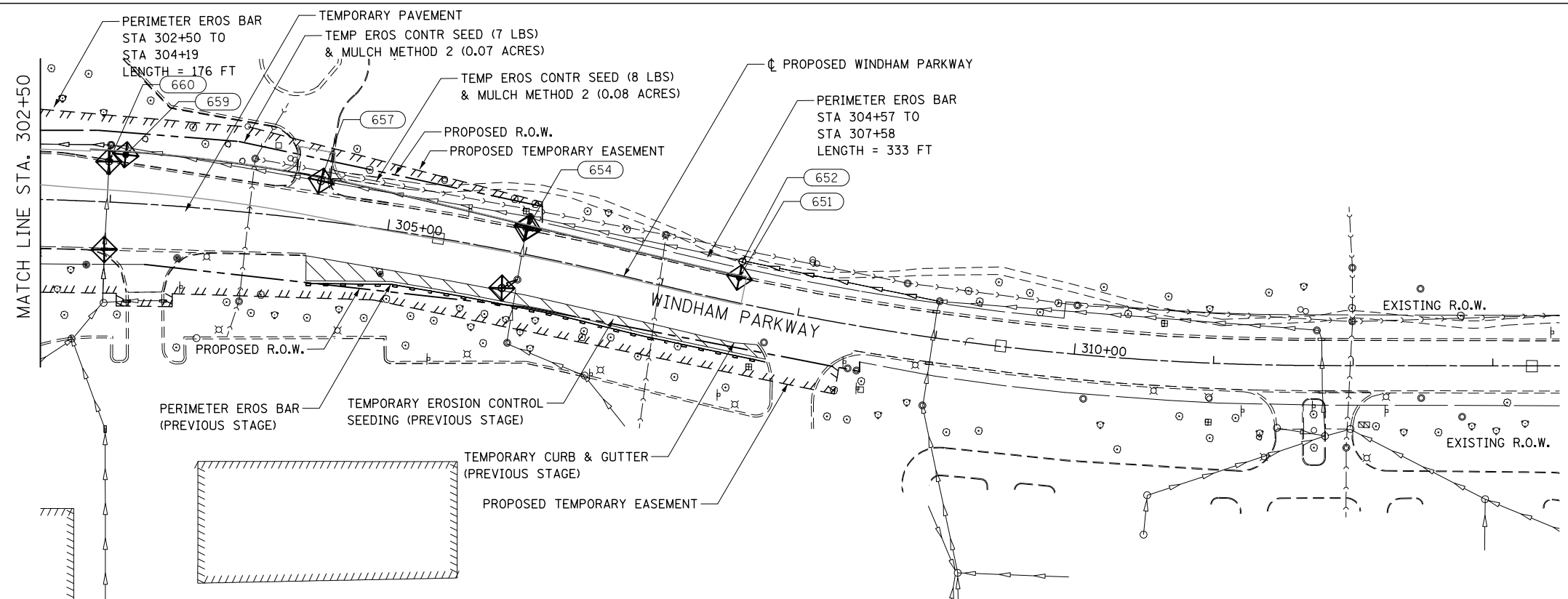
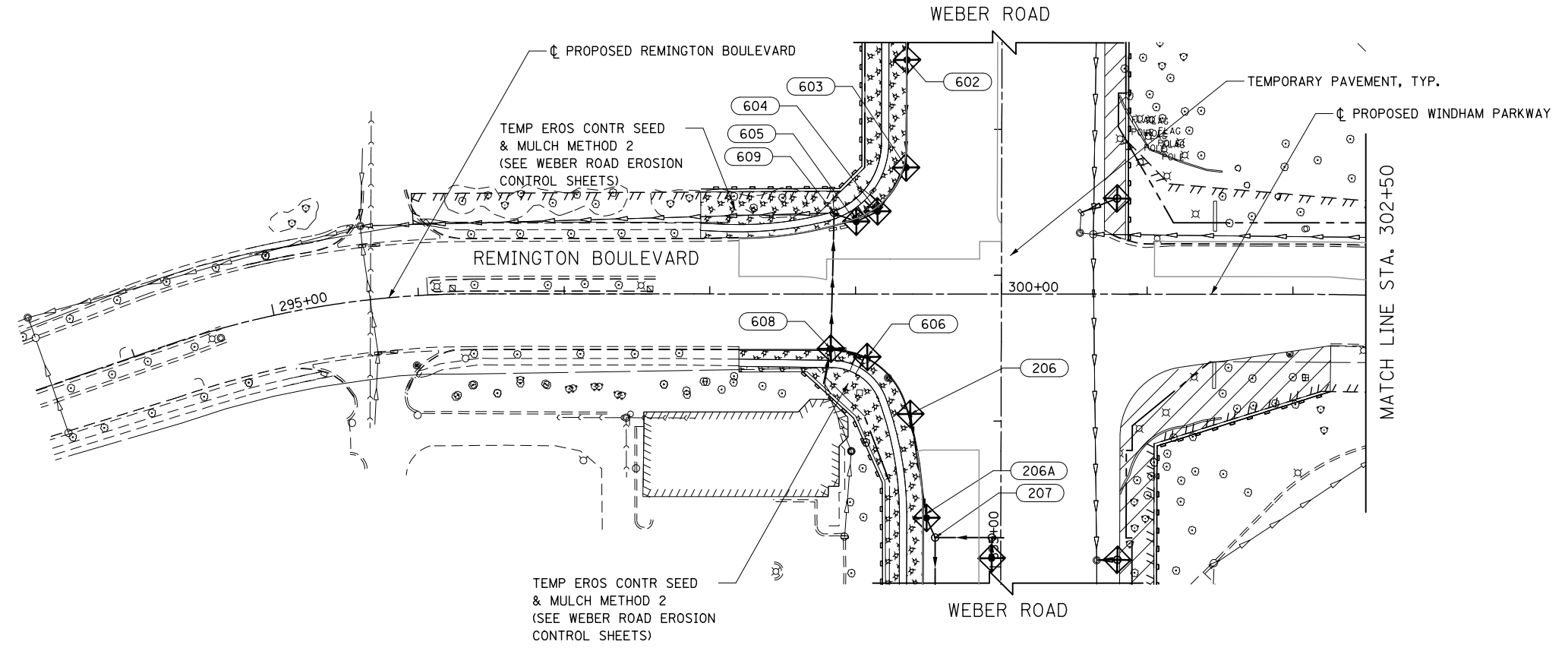
**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1  
NORMANTOWN ROAD**

SCALE: AS SHOWN SHEET NO. 7 OF 16 SHEETS STA. TO STA.

F.A.I./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	878
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



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<b>KNIGHT</b> Engineers & Architects	USER NAME = mmaestra	DESIGNED DGB	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

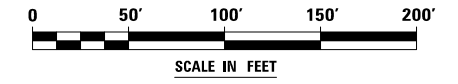
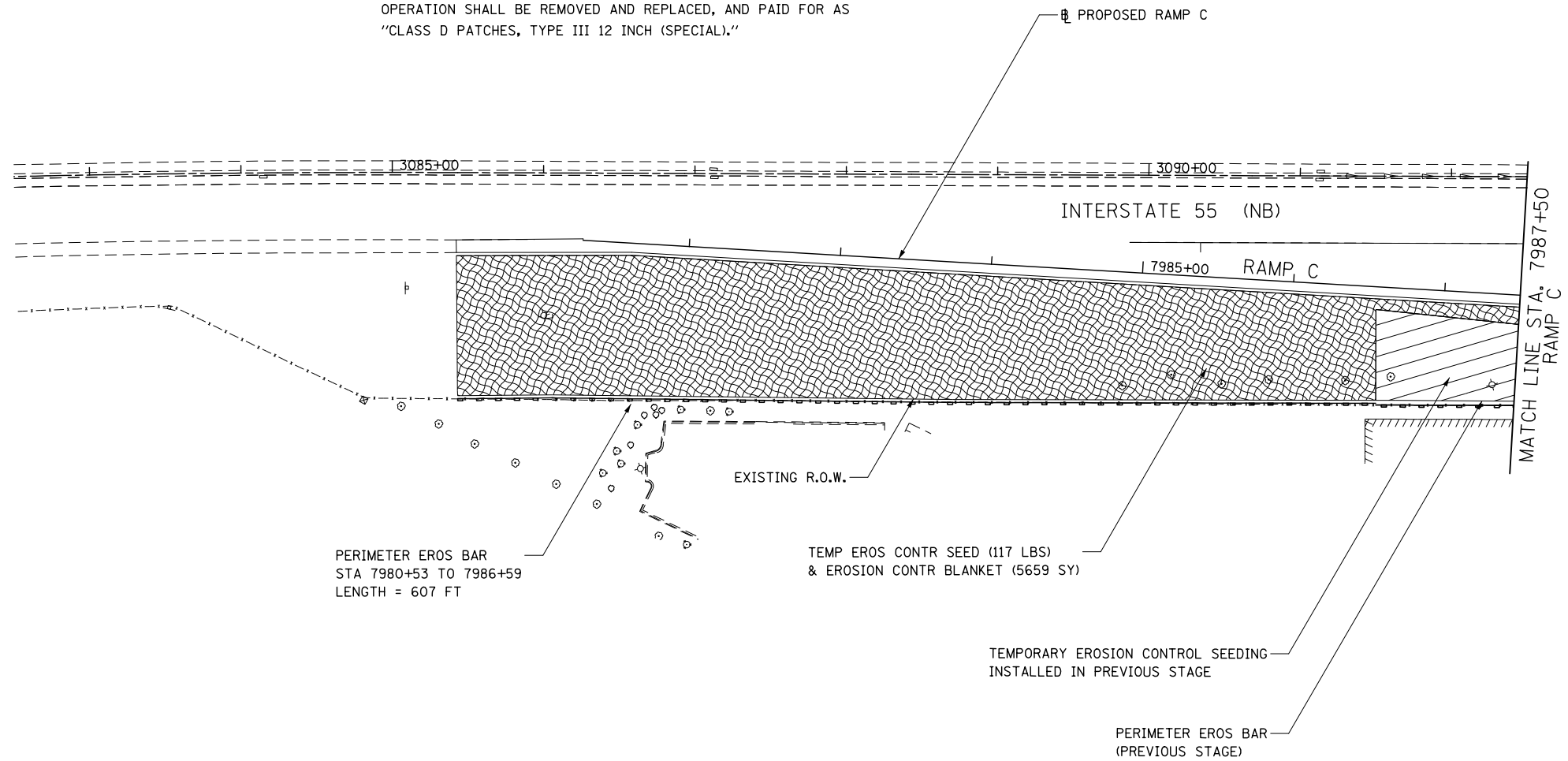
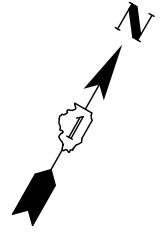
**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1  
REMINGTON BOULEVARD / WINDHAM PARKWAY**

SCALE: AS SHOWN    SHEET NO. 8 OF 16 SHEETS    STA.    TO STA.

F.A.I./P.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	879
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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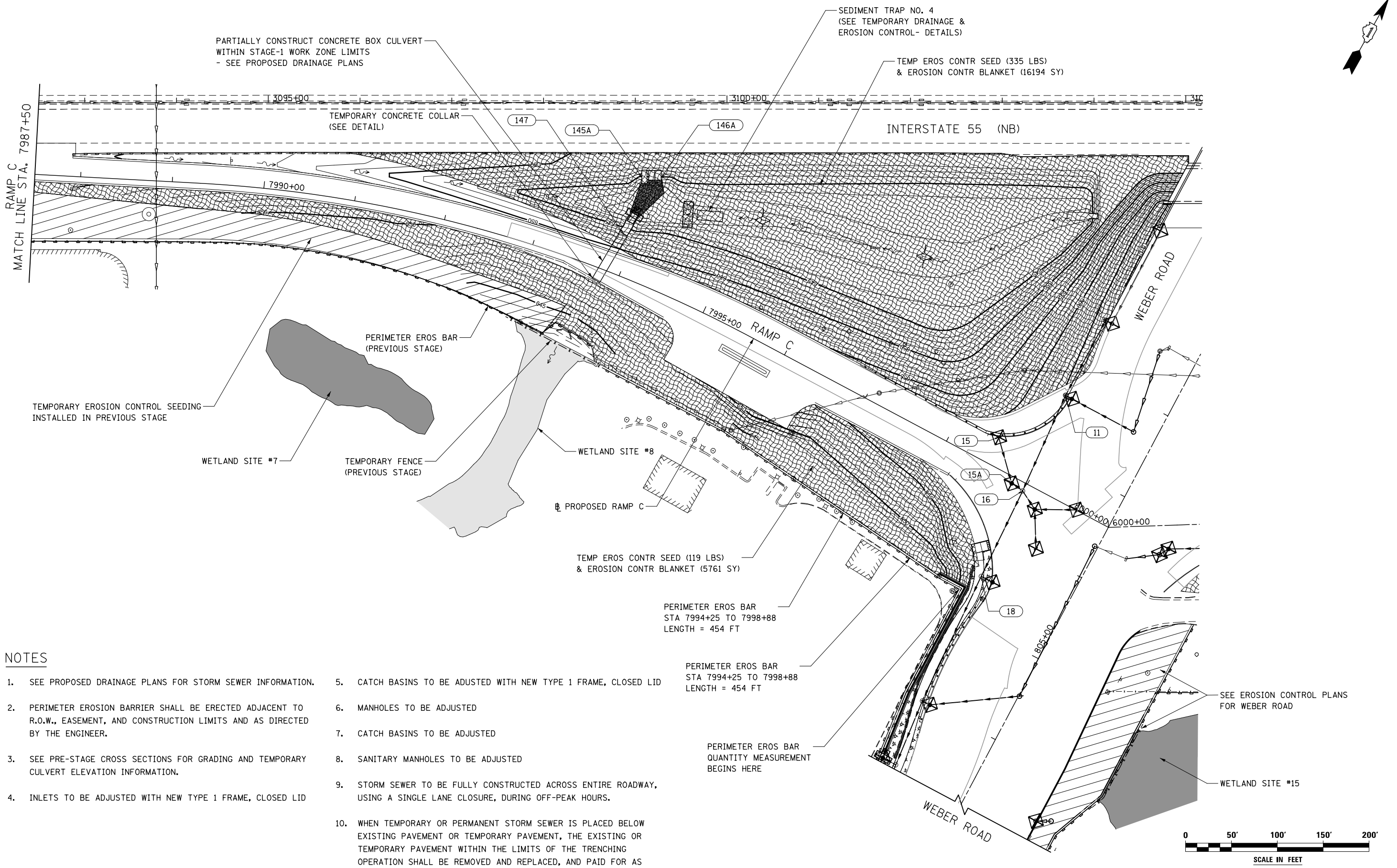
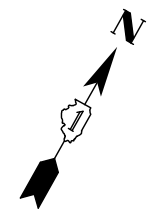
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	PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL – STAGE 1  
RAMP C**

SCALE: AS SHOWN    SHEET NO. 9 OF 16 SHEETS    STA.    TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	880
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.</li> <li>2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.</li> <li>3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.</li> <li>4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID</li> </ol> | <ol style="list-style-type: none"> <li>5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID</li> <li>6. MANHOLES TO BE ADJUSTED</li> <li>7. CATCH BASINS TO BE ADJUSTED</li> <li>8. SANITARY MANHOLES TO BE ADJUSTED</li> <li>9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.</li> <li>10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."</li> </ol> |
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**KNIGHT**  
Engineers & Architects

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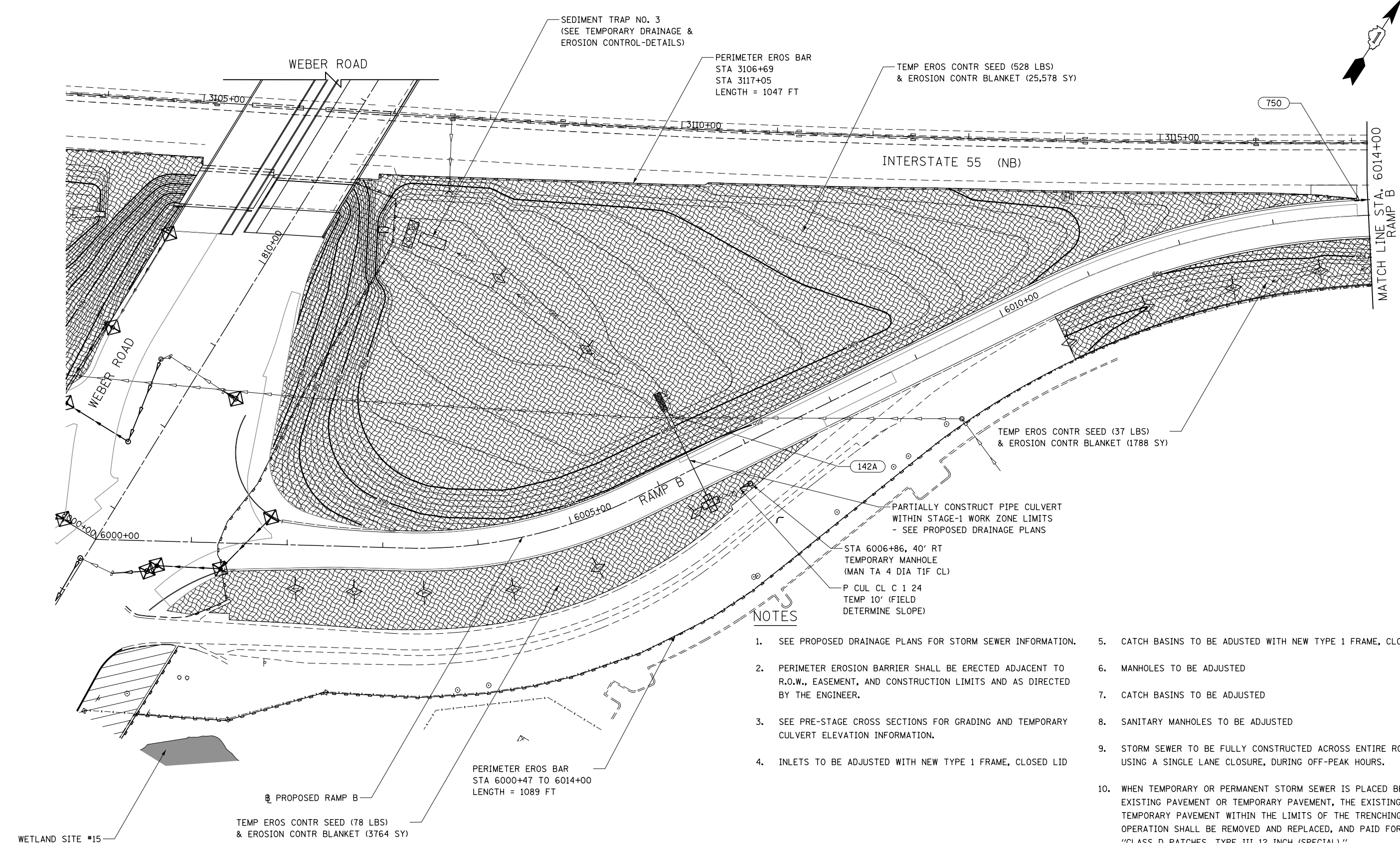
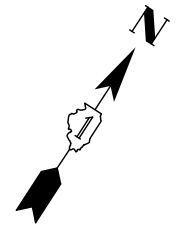
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1  
RAMPS C**

SCALE: AS SHOWN    SHEET NO. 10 OF 16 SHEETS    STA.    TO STA.

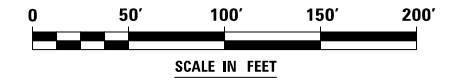
F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	881
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	





**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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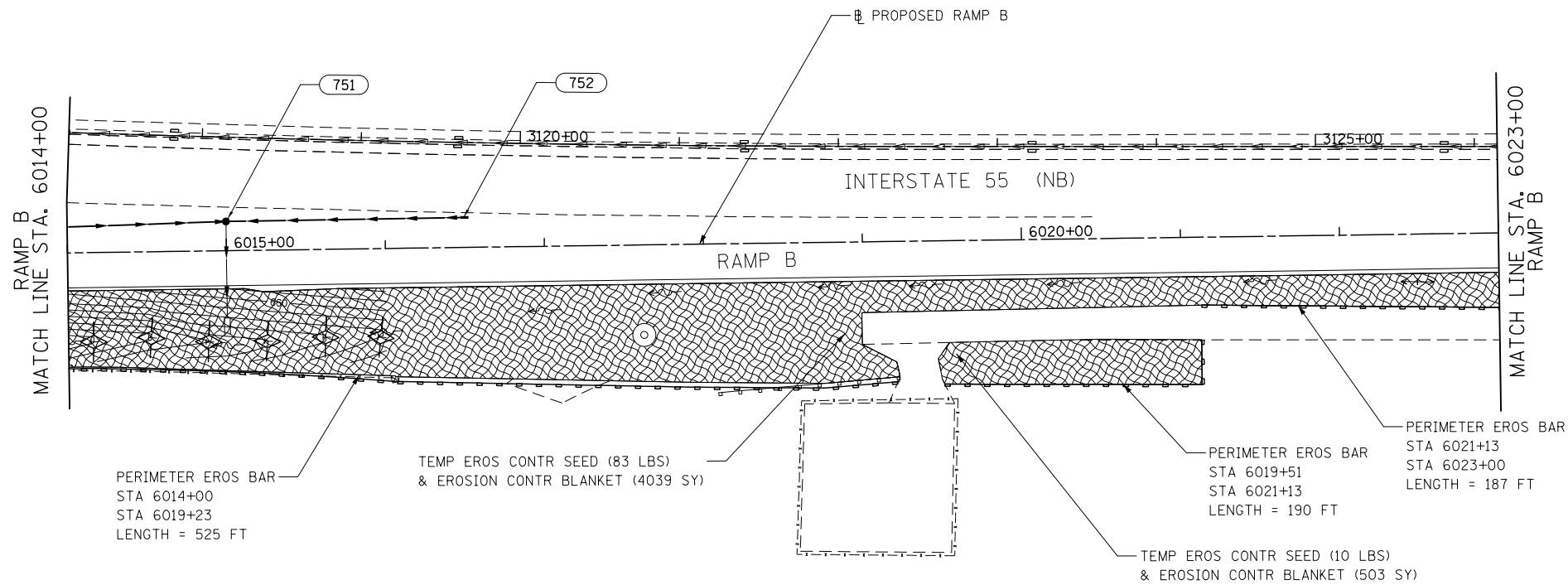
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1  
RAMP B**

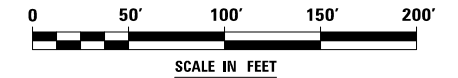
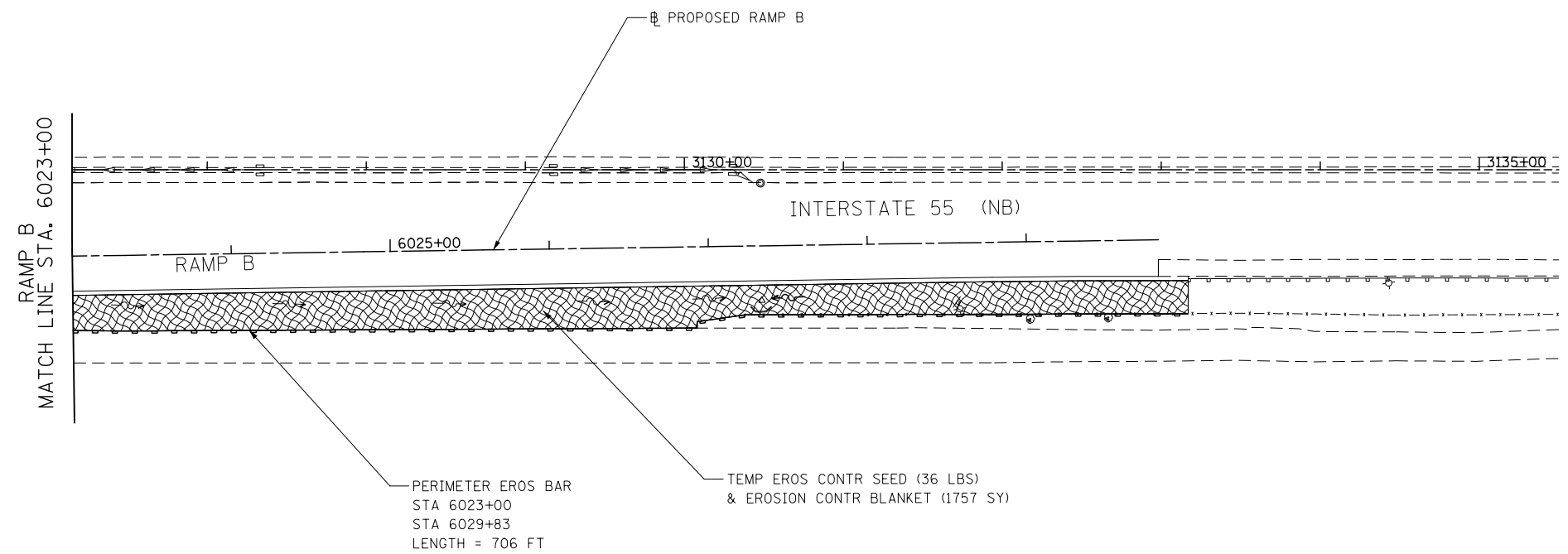
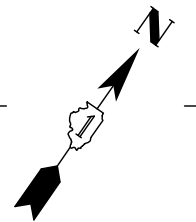
SCALE: AS SHOWN SHEET NO. 11 OF 16 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	882
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



FILE NAME : D:\60X10-shr-eroa12-STG.Ldgn

**KNIGHT**  
Engineers & Architects

USER NAME = mmaestra	DESIGNED DGB	REVISED -
	DRAWN DGB	REVISED -
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

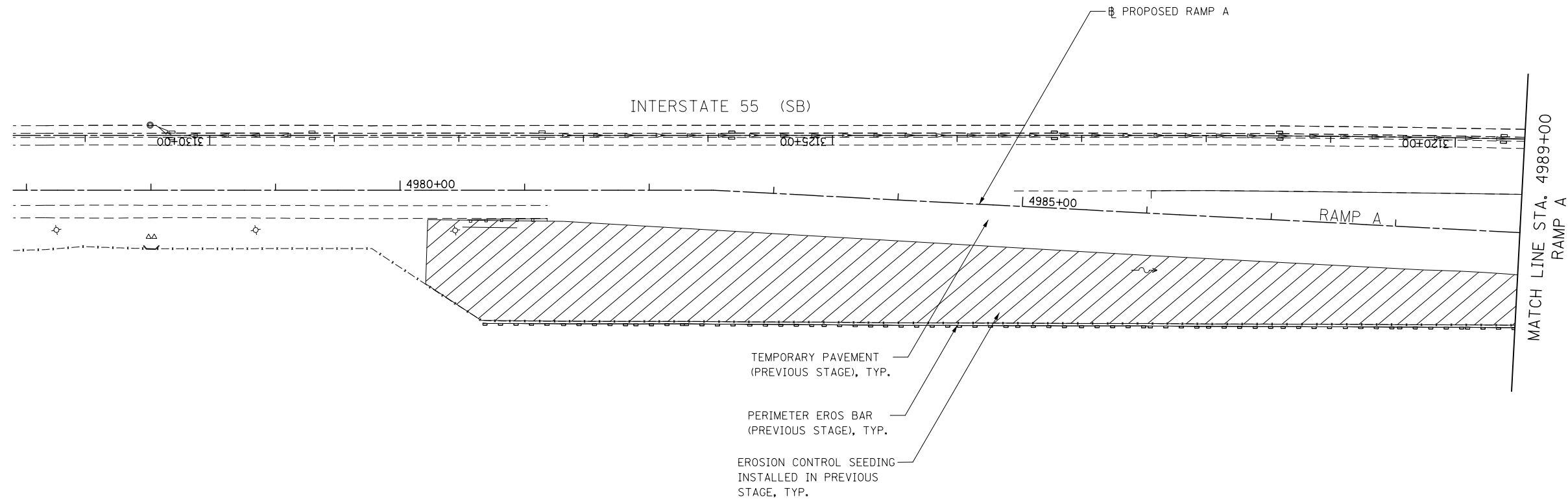
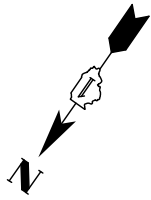
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL – STAGE 1  
RAMP B**

SCALE: AS SHOWN SHEET NO. 12 OF 16 SHEETS STA. TO STA.

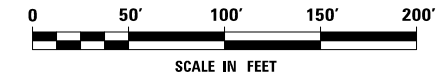
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	883
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				





**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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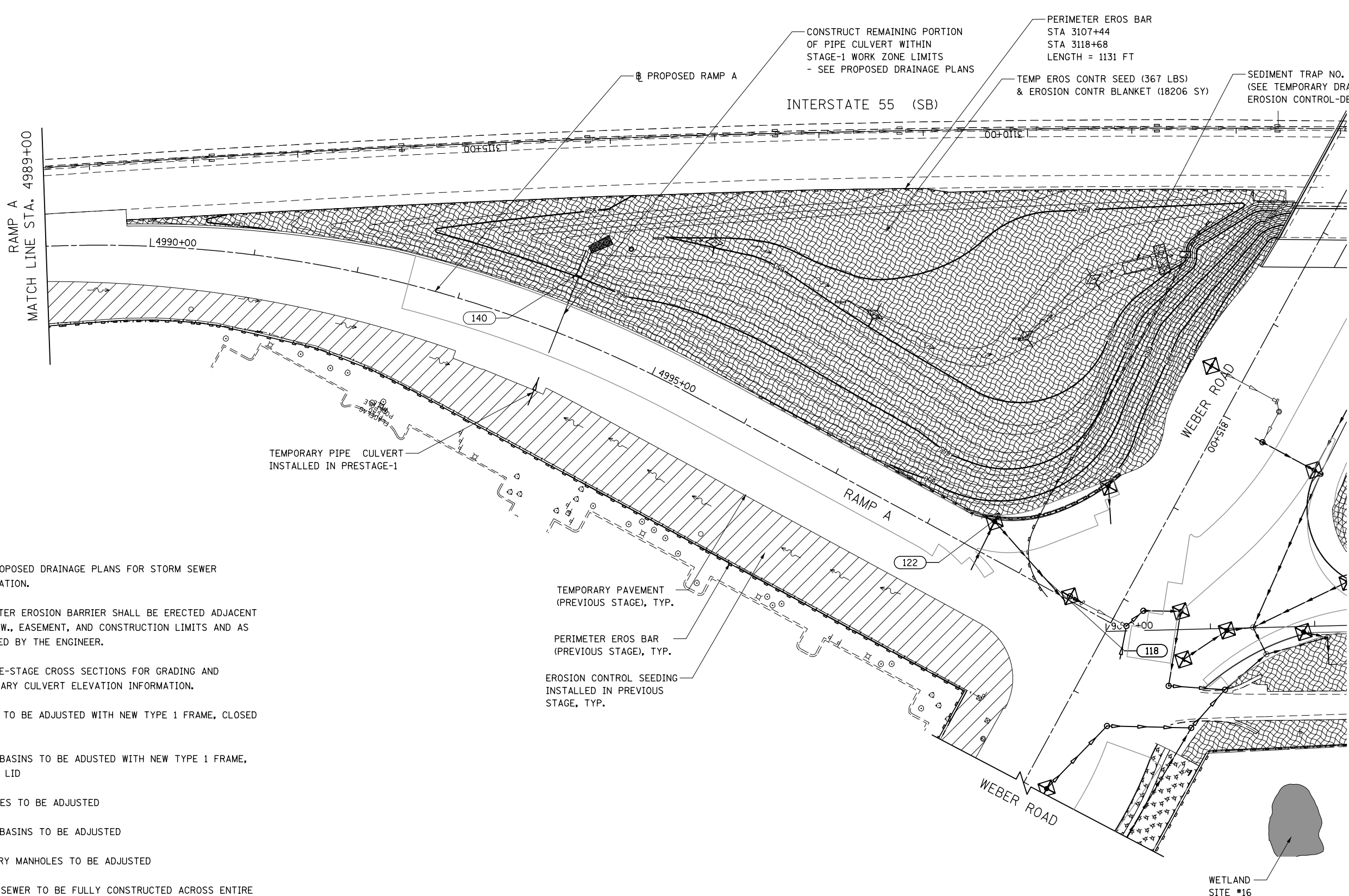
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PLOT SCALE = 1:1000	CHECKED PJO	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL – STAGE 1  
RAMP A**

SCALE: AS SHOWN    SHEET NO. 13 OF 16 SHEETS    STA.    TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	884
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



**NOTES**

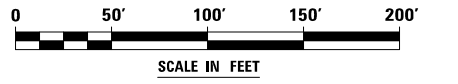
1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.

TEMPORARY PIPE CULVERT  
INSTALLED IN PRESTAGE-1

TEMPORARY PAVEMENT  
(PREVIOUS STAGE), TYP.

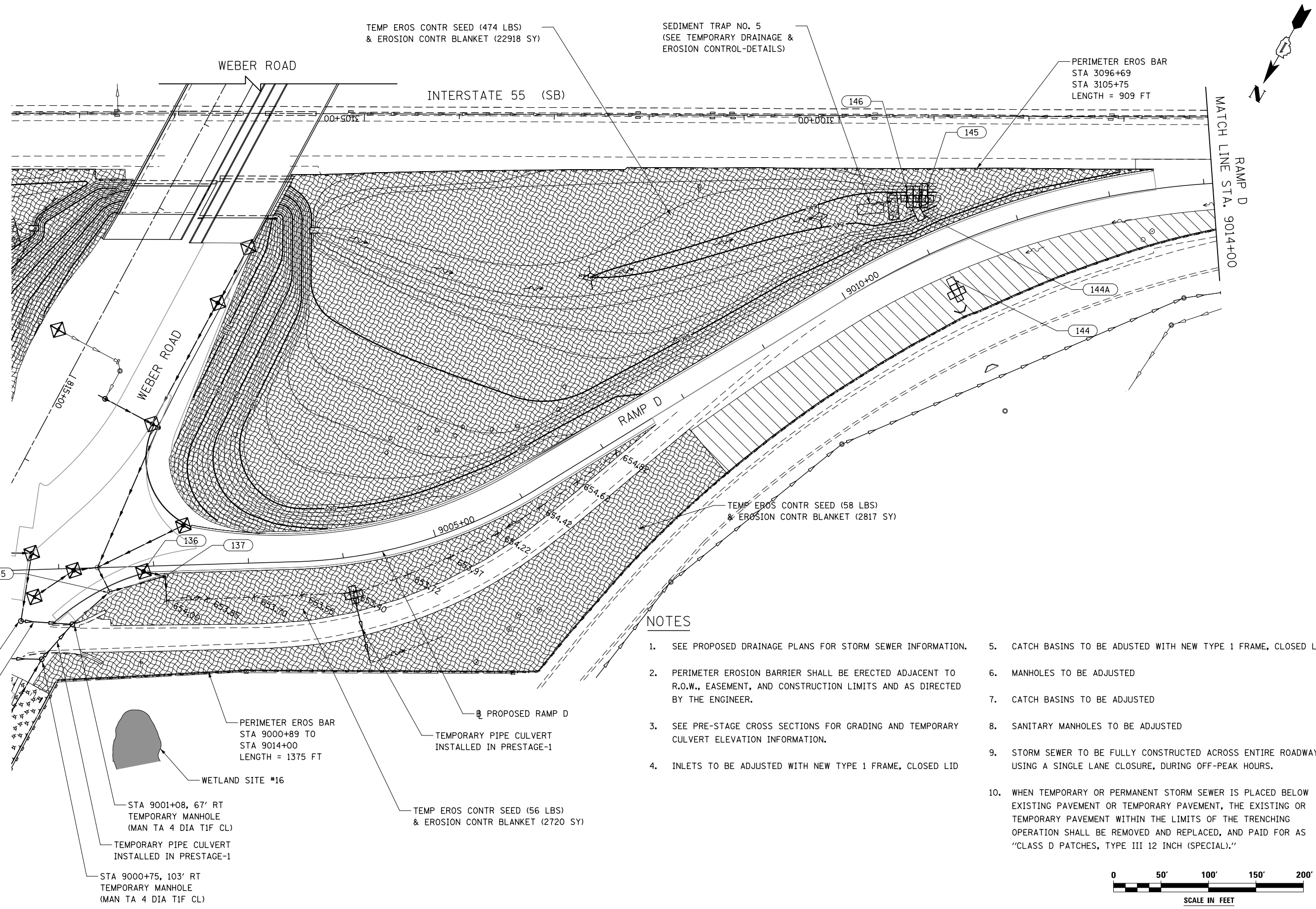
PERIMETER EROS BAR  
(PREVIOUS STAGE), TYP.

EROSION CONTROL SEEDING  
INSTALLED IN PREVIOUS  
STAGE, TYP.



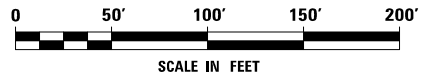
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 <b>KNIGHT</b> Engineers & Architects	USER NAME : mmaestra	DESIGNED DGB	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL – STAGE 1</b> <b>RAMP A</b>	F.A.I./P	SECTION	COUNTY	TOTAL	SHEET
	DRAWN DGB	CHECKED PJO	REVISED -			*	(99-1HB-1) R-1	WILL	SHEETS	NO.
	PLOT SCALE : 1:1000	DATE 05/12/17	REVISED -			CONTRACT NO. 60X10		1508	885	
PLOT DATE : 5/13/2017	DATE 05/12/17	REVISED -	SCALE: AS SHOWN   SHEET NO. 14 OF 16 SHEETS   STA. TO STA.		* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT					



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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**KNIGHT**  
Engineers & Architects

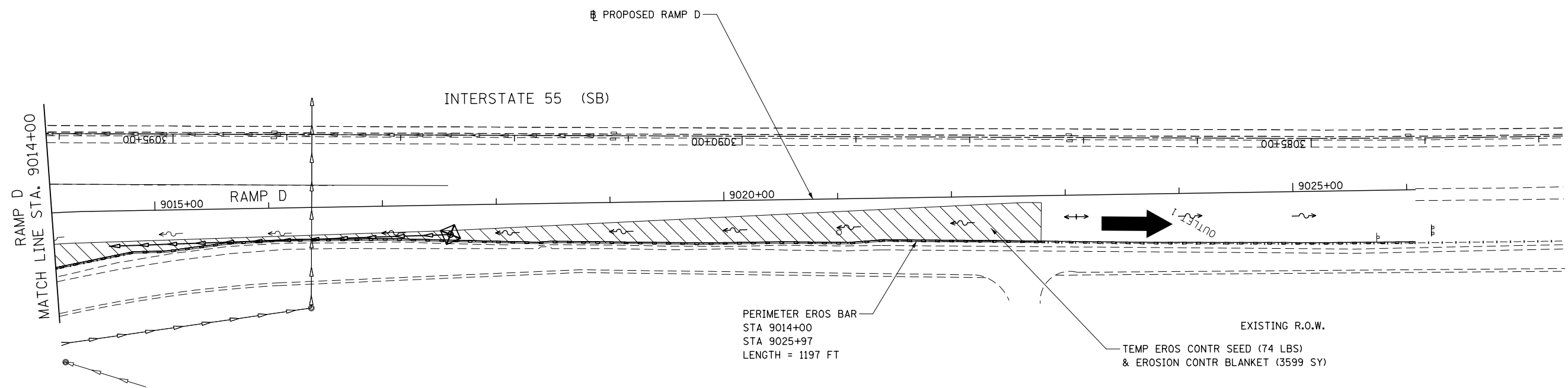
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1  
RAMP D**

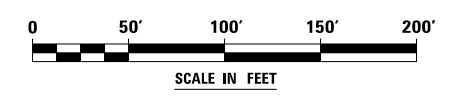
SCALE: AS SHOWN SHEET NO. 15 OF 16 SHEETS STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	886
				CONTRACT NO. 60X10
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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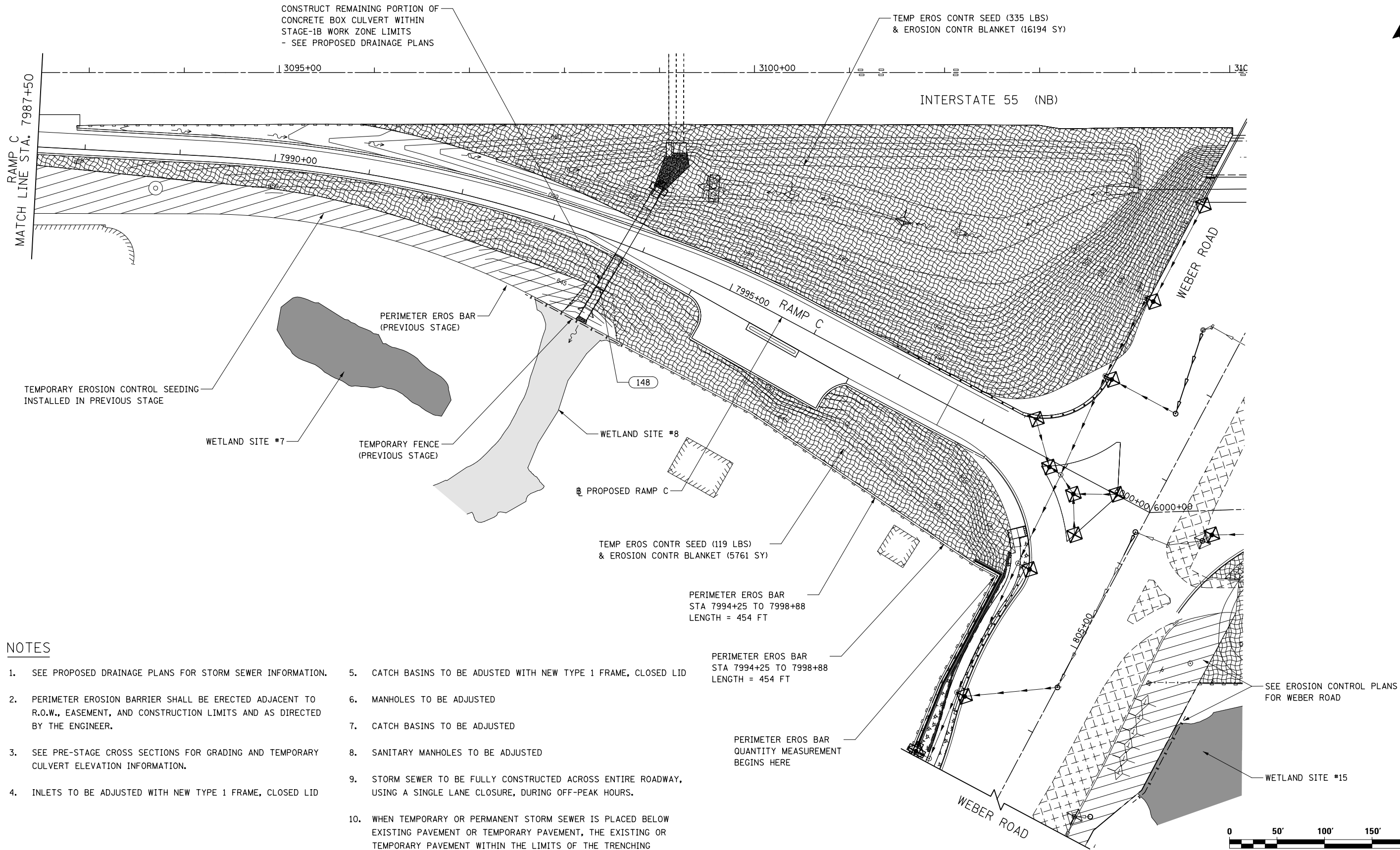
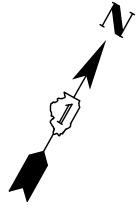


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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL – STAGE 1 RAMP D</b>		
SCALE: AS SHOWN	SHEET NO. 16 OF 16 SHEETS	STA. TO STA.

F.A.I./P RTE. *	SECTION (99-1HB-1) R-1	COUNTY WILL	TOTAL SHEETS 1508	SHEET NO. 887
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	



CONSTRUCT REMAINING PORTION OF CONCRETE BOX CULVERT WITHIN STAGE-1B WORK ZONE LIMITS - SEE PROPOSED DRAINAGE PLANS

TEMP EROS CONTR SEED (335 LBS) & EROSION CONTR BLANKET (16194 SY)

RAMP C  
MATCH LINE STA. 7987+50

INTERSTATE 55 (NB)

WEBER ROAD

TEMPORARY EROSION CONTROL SEEDING INSTALLED IN PREVIOUS STAGE

PERIMETER EROS BAR (PREVIOUS STAGE)

WETLAND SITE #7

TEMPORARY FENCE (PREVIOUS STAGE)

WETLAND SITE #8

PROPOSED RAMP C

TEMP EROS CONTR SEED (119 LBS) & EROSION CONTR BLANKET (5761 SY)

PERIMETER EROS BAR STA 7994+25 TO 7998+88 LENGTH = 454 FT

PERIMETER EROS BAR STA 7994+25 TO 7998+88 LENGTH = 454 FT

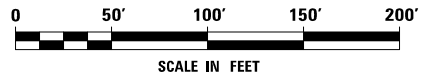
PERIMETER EROS BAR QUANTITY MEASUREMENT BEGINS HERE

SEE EROSION CONTROL PLANS FOR WEBER ROAD

WETLAND SITE #15

**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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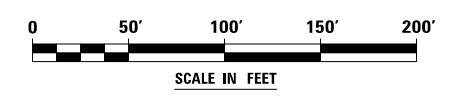
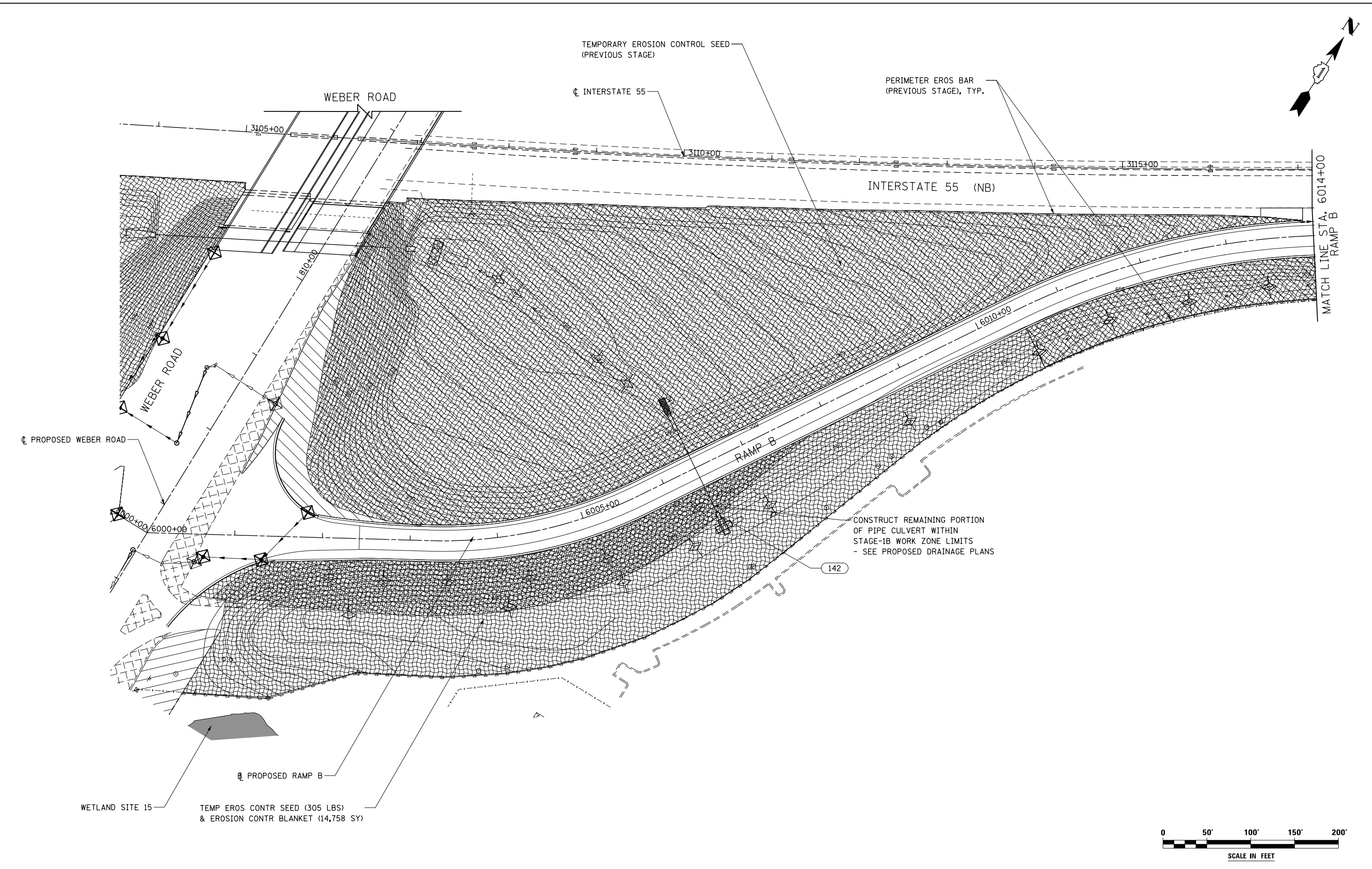
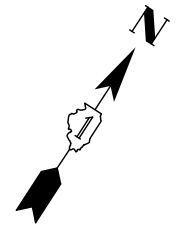
<b>KNIGHT</b> Engineers & Architects	USER NAME = mmaestra	DESIGNED DGB	REVISED -
	PLOT SCALE = 1:1000	DRAWN DGB	REVISED -
	PLOT DATE = 5/13/2017	CHECKED PJO	REVISED -
		DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL - STAGE 1B RAMP C</b>		
SCALE: AS SHOWN	SHEET NO. 1 OF 3 SHEETS	STA. TO STA.

F.A./P RTE. *	SECTION (99-1HB-1) R-1	COUNTY WILL	TOTAL SHEETS 1508	SHEET NO. 888
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				





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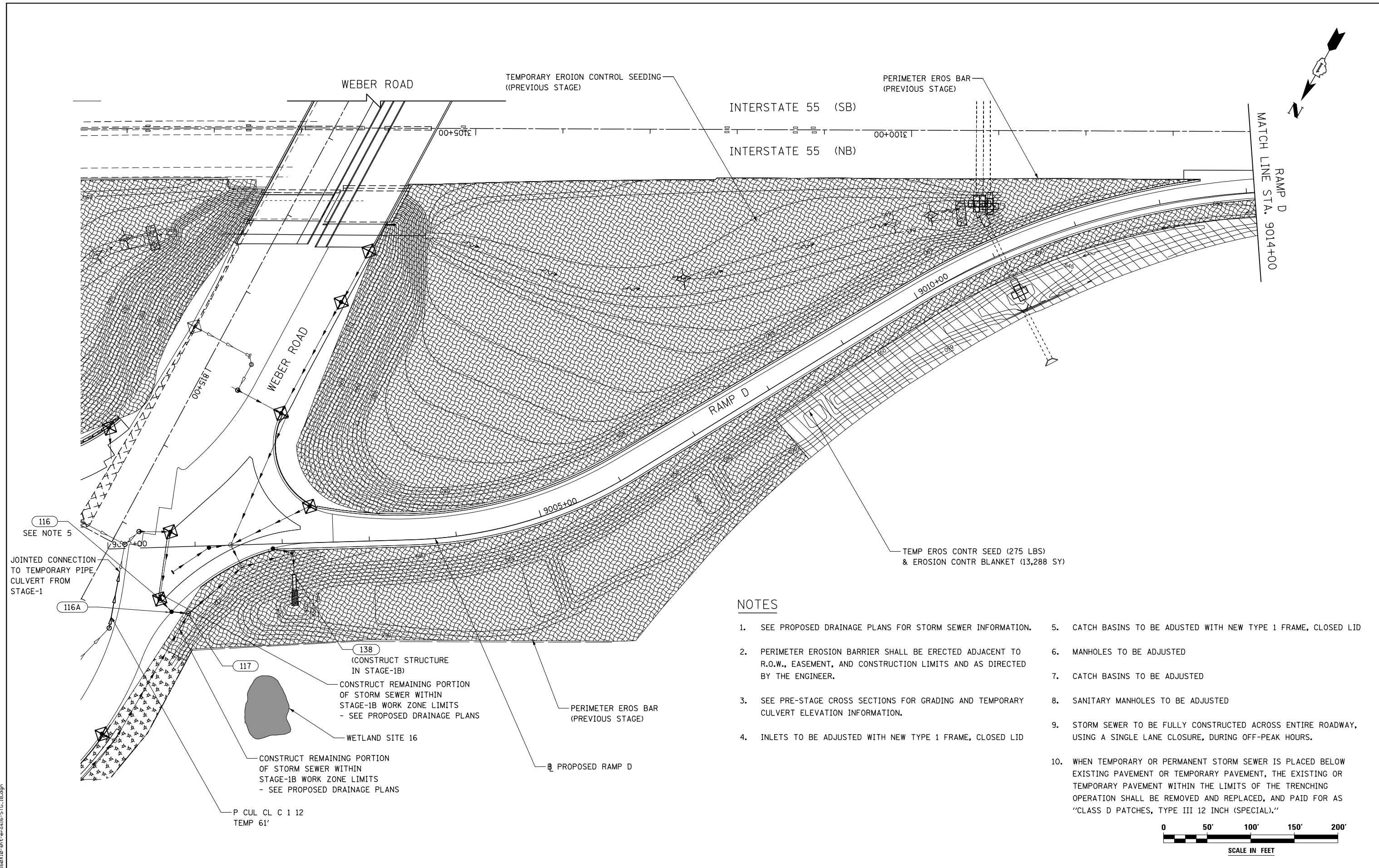
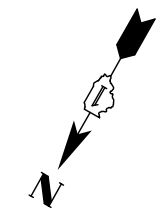
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	PLOT DATE = 5/13/2017	CHECKED PJO	REVISED -
		DATE 05/12/17	REVISED -

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

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 1B**  
**RAMP B**

SCALE: AS SHOWN    SHEET NO. 2 OF 3 SHEETS    STA.    TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	889
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



116  
SEE NOTE 5

116A

JOINTED CONNECTION TO TEMPORARY PIPE CULVERT FROM STAGE-1

117

138  
(CONSTRUCT STRUCTURE IN STAGE-1B)

CONSTRUCT REMAINING PORTION OF STORM SEWER WITHIN STAGE-1B WORK ZONE LIMITS - SEE PROPOSED DRAINAGE PLANS

WETLAND SITE 16

CONSTRUCT REMAINING PORTION OF STORM SEWER WITHIN STAGE-1B WORK ZONE LIMITS - SEE PROPOSED DRAINAGE PLANS

P CUL CL C 1 12  
TEMP 61'

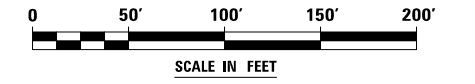
PERIMETER EROS BAR (PREVIOUS STAGE)

PROPOSED RAMP D

TEMP EROS CONTR SEED (275 LBS) & EROSION CONTR BLANKET (13,288 SY)

**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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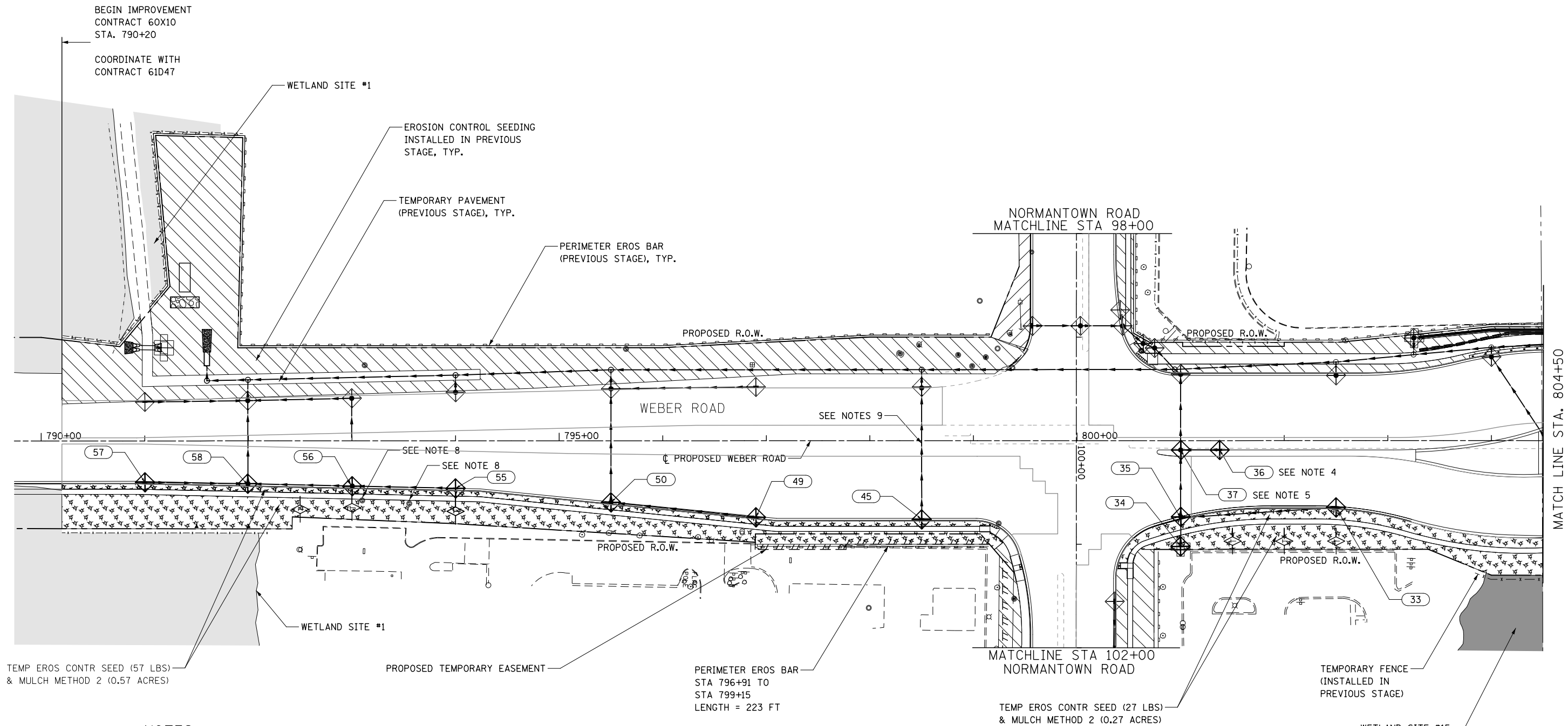
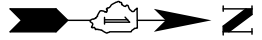


USER NAME : mmaestra	DESIGNED DGB	REVISED -
	DRAWN DGB	REVISED -
PLOT SCALE : 1:1000	CHECKED PJO	REVISED -
PLOT DATE : 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

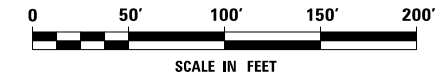
<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL - STAGE 1B RAMP D</b>		
SCALE: AS SHOWN	SHEET NO. 3 OF 3 SHEETS	STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	890
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	



**NOTES**

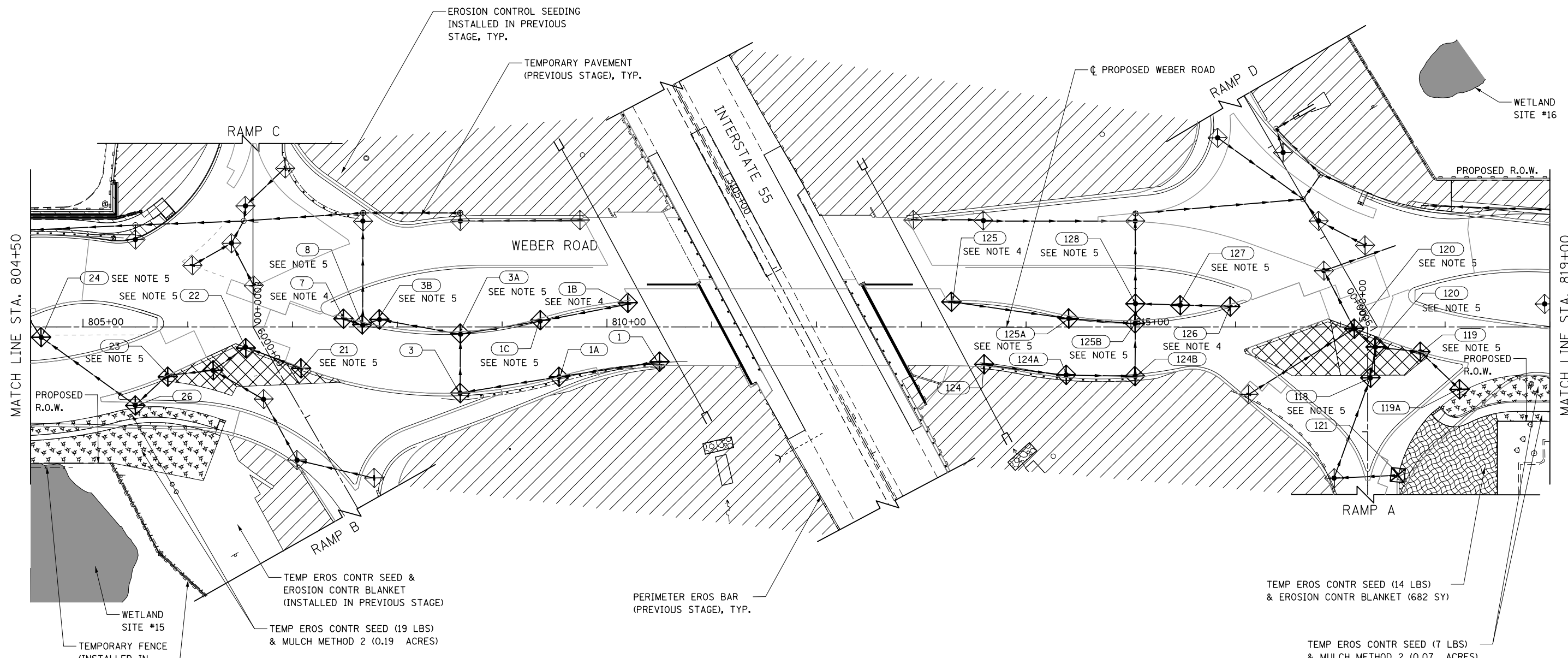
- |  |   |
|--|---|
| 1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.  | 5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID  |
| 2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER. | 6. MANHOLES TO BE ADJUSTED  |
| 3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.   | 7. CATCH BASINS TO BE ADJUSTED  |
| 4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID   | 8. SANITARY MANHOLES TO BE ADJUSTED   |
|  | 9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS. |



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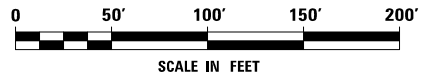
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	PLOT SCALE = 1:100	DRAWN DGB	REVISED -			*	(99-1HB-1) R-1	WILL	1508	891	
PLOT DATE = 5/13/2017	CHECKED PJO	REVISED -			SCALE: AS SHOWN	SHEET NO. 1 OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 60X10		
	DATE 05/12/17	REVISED -			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT						





**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



PERIMETER EROS BAR  
STA 6000+47 TO  
STA 6002+00  
LENGTH = 156 FT

TEMP EROS CONTR SEED &  
EROSION CONTR BLANKET  
(INSTALLED IN PREVIOUS STAGE)

TEMP EROS CONTR SEED (19 LBS)  
& MULCH METHOD 2 (0.19 ACRES)

PERIMETER EROS BAR  
(PREVIOUS STAGE), TYP.

TEMP EROS CONTR SEED (14 LBS)  
& EROSION CONTR BLANKET (682 SY)

TEMP EROS CONTR SEED (7 LBS)  
& MULCH METHOD 2 (0.07 ACRES)

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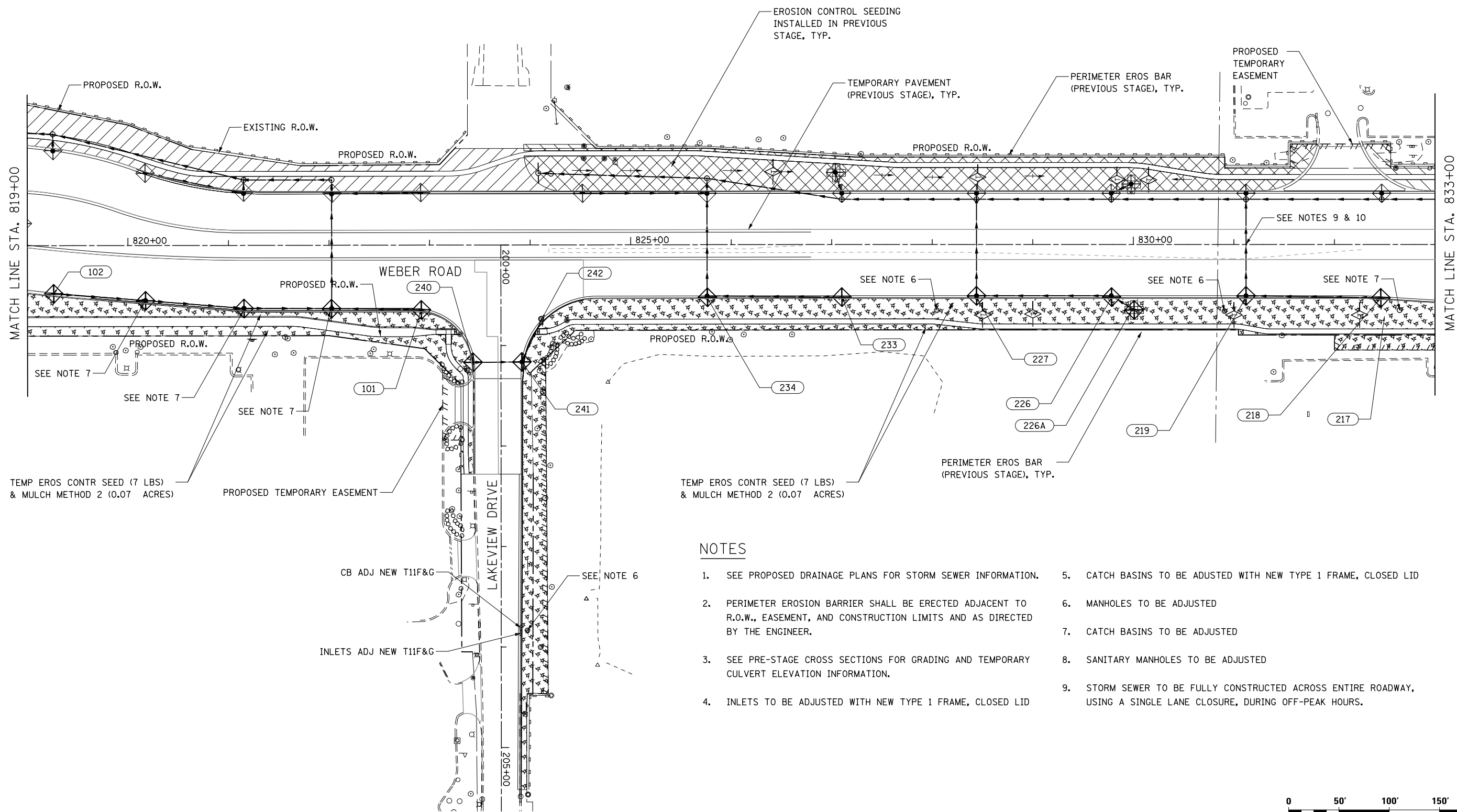
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DRAWN DGB	REVISED -	
PLOT SCALE = 1:100	CHECKED PJO	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 2  
WEBER ROAD**

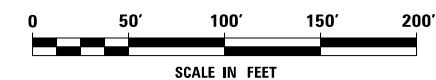
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	892
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



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**KNIGHT**  
Engineers & Architects

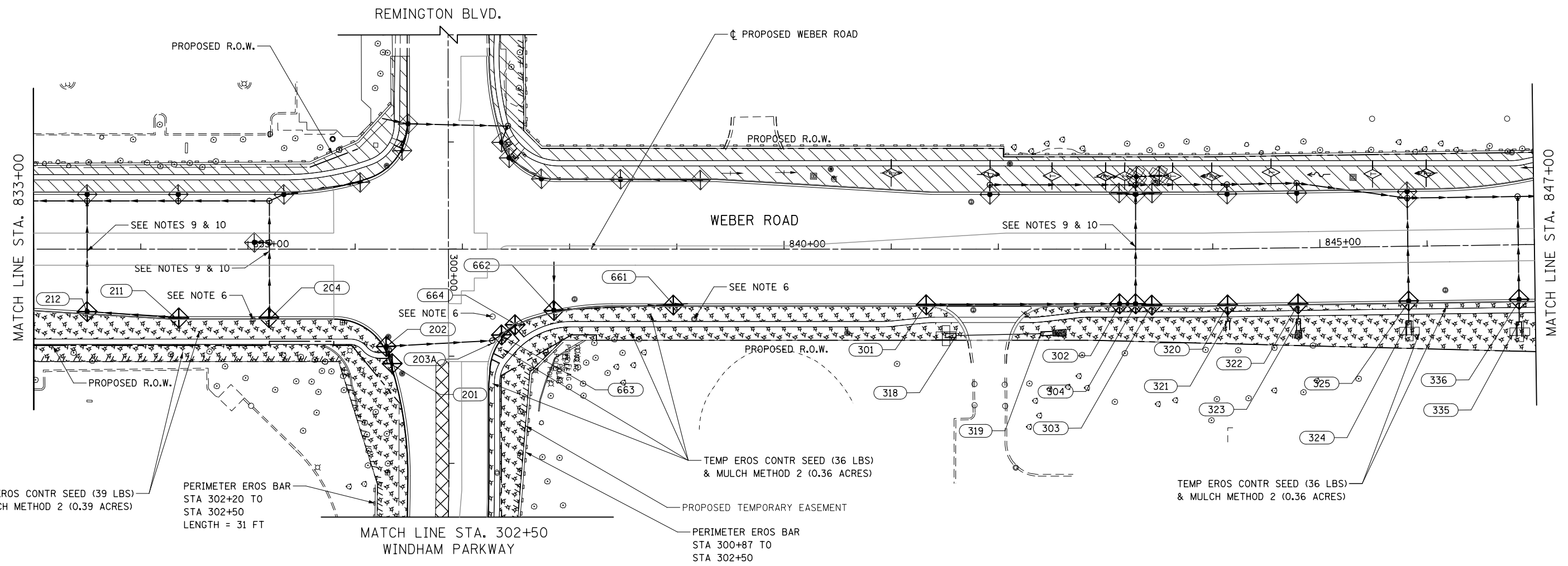
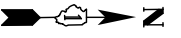
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	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 2  
WEBER ROAD AND LAKEVIEW DRIVE**

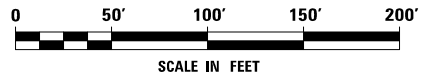
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F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	893
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.
10. WHEN TEMPORARY OR PERMANENT STORM SEWER IS PLACED BELOW EXISTING PAVEMENT OR TEMPORARY PAVEMENT, THE EXISTING OR TEMPORARY PAVEMENT WITHIN THE LIMITS OF THE TRENCHING OPERATION SHALL BE REMOVED AND REPLACED, AND PAID FOR AS "CLASS D PATCHES, TYPE III 12 INCH (SPECIAL)."



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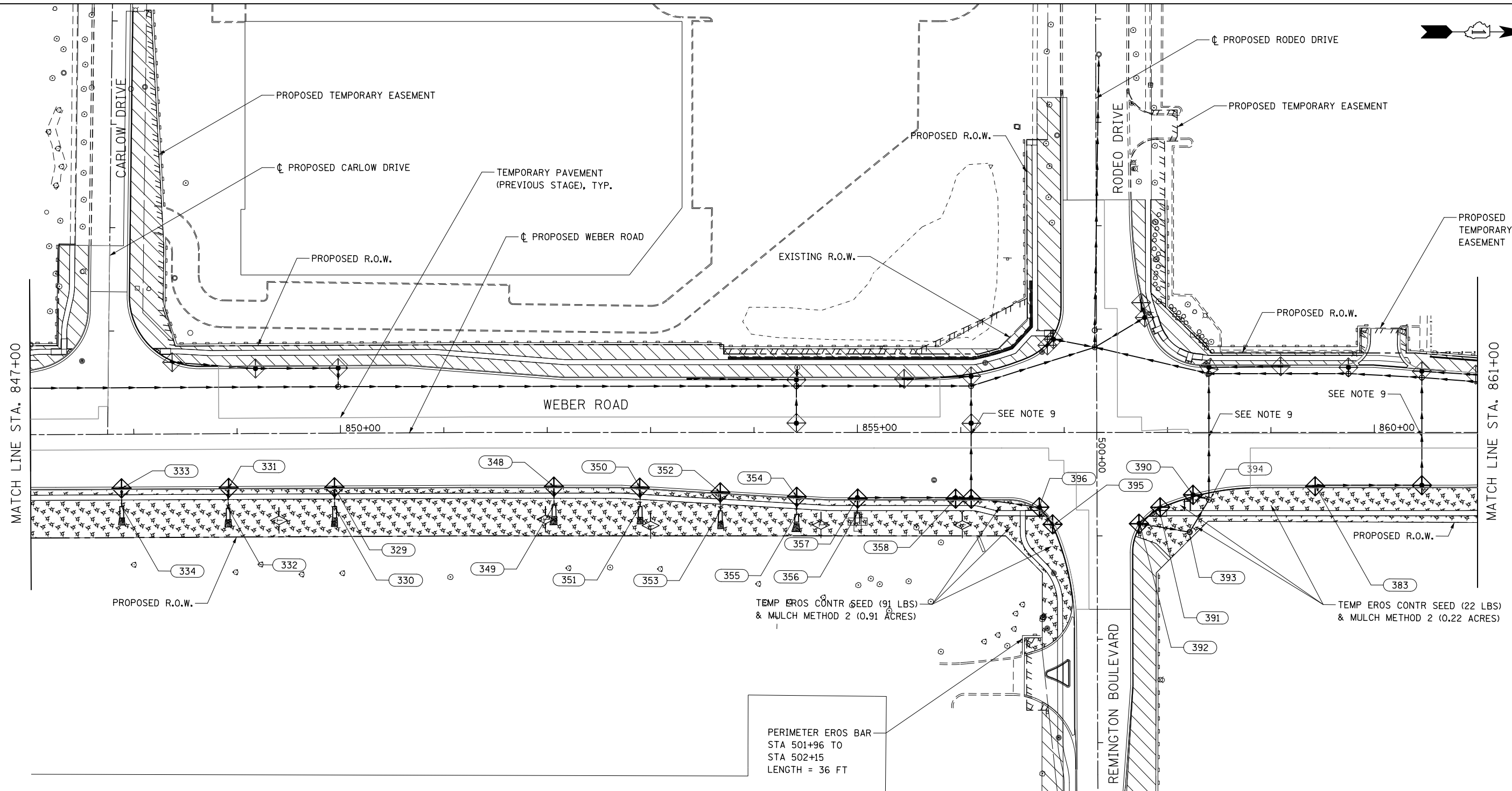
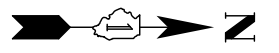
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	PLOT DATE = 5/13/2017	CHECKED PJO	REVISED -
		DATE 05/12/17	REVISED -

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

**TEMPORARY DRAINAGE & EROSION CONTROL – STAGE 2**  
**WEBER ROAD**

SCALE: AS SHOWN    SHEET NO. 4 OF 12 SHEETS    STA.                      TO STA.

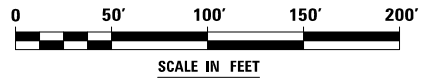
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	894
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.

PERIMETER EROS BAR  
 STA 501+96 TO  
 STA 502+15  
 LENGTH = 36 FT



FILE NAME = D:\60X10-shr-erod-05-STG.2.dgn

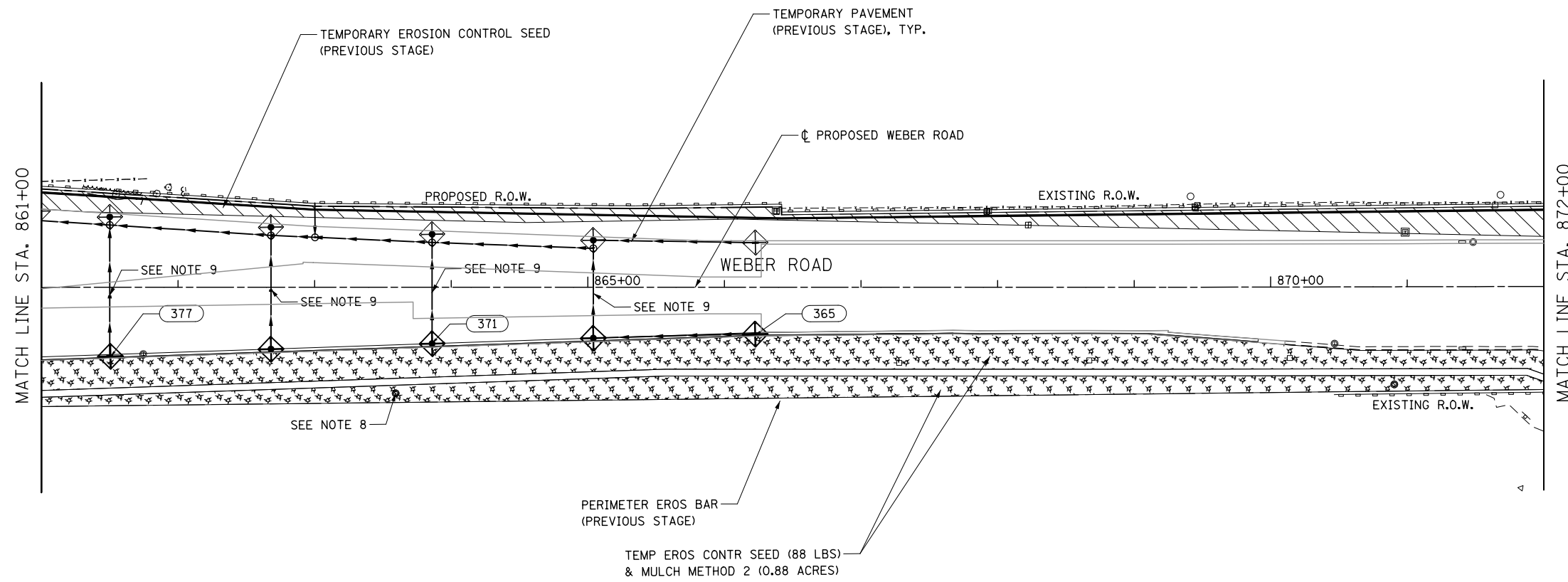


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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

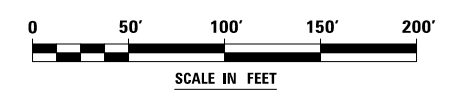
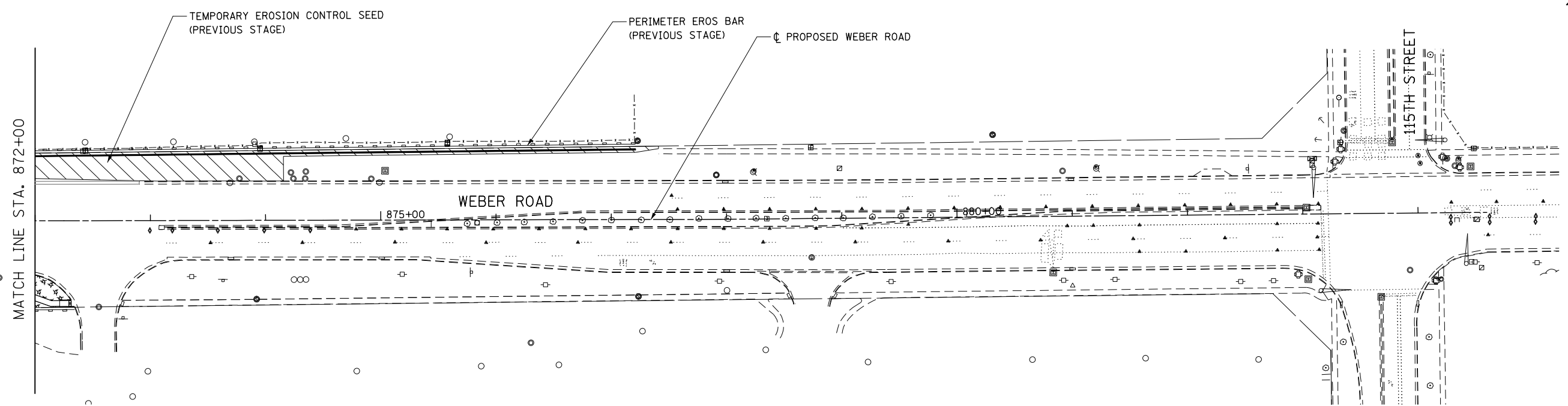
**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 2**  
**WEBER ROAD, CARLOW DRIVE AND RODEO DRIVE / REMINGTON BLVD**  
 SCALE: AS SHOWN SHEET NO. 5 OF 12 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	895
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



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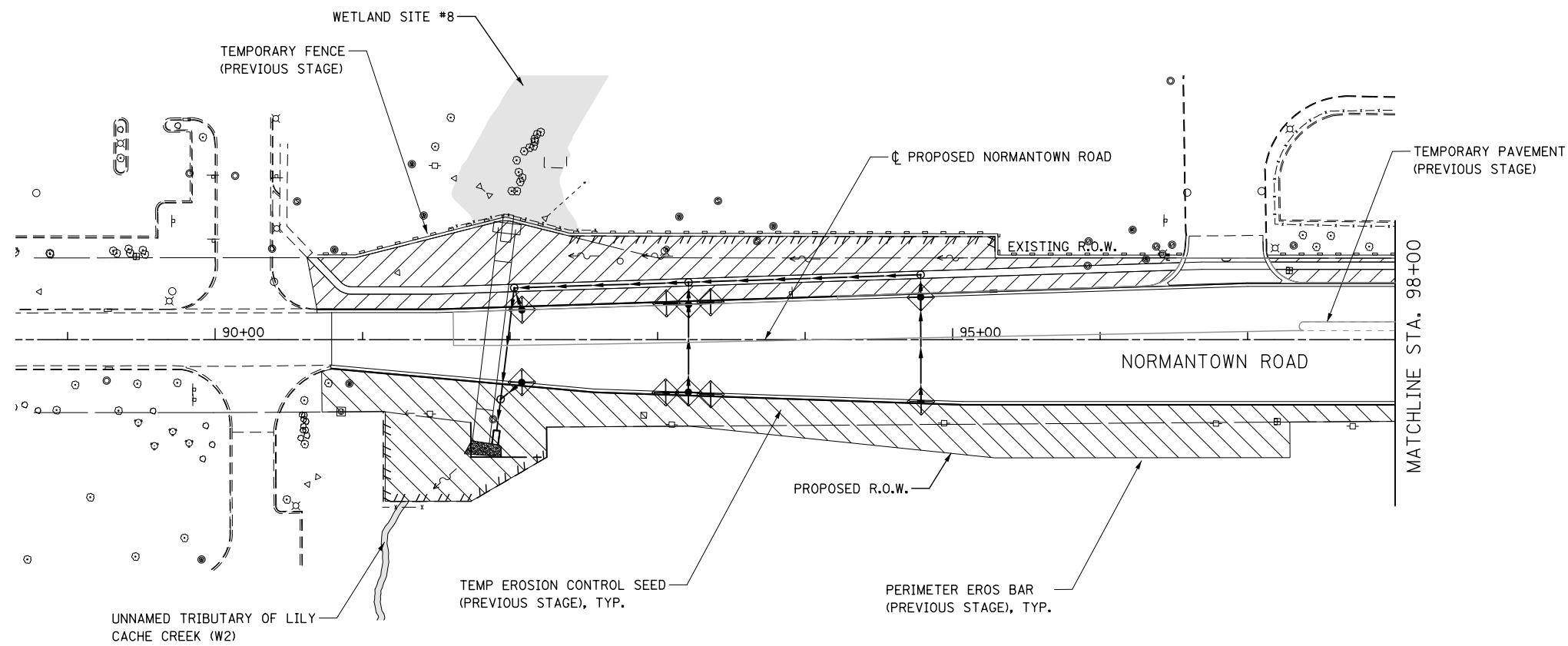
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	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL – STAGE 2  
WEBER ROAD**

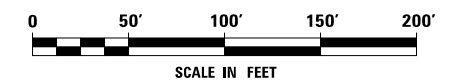
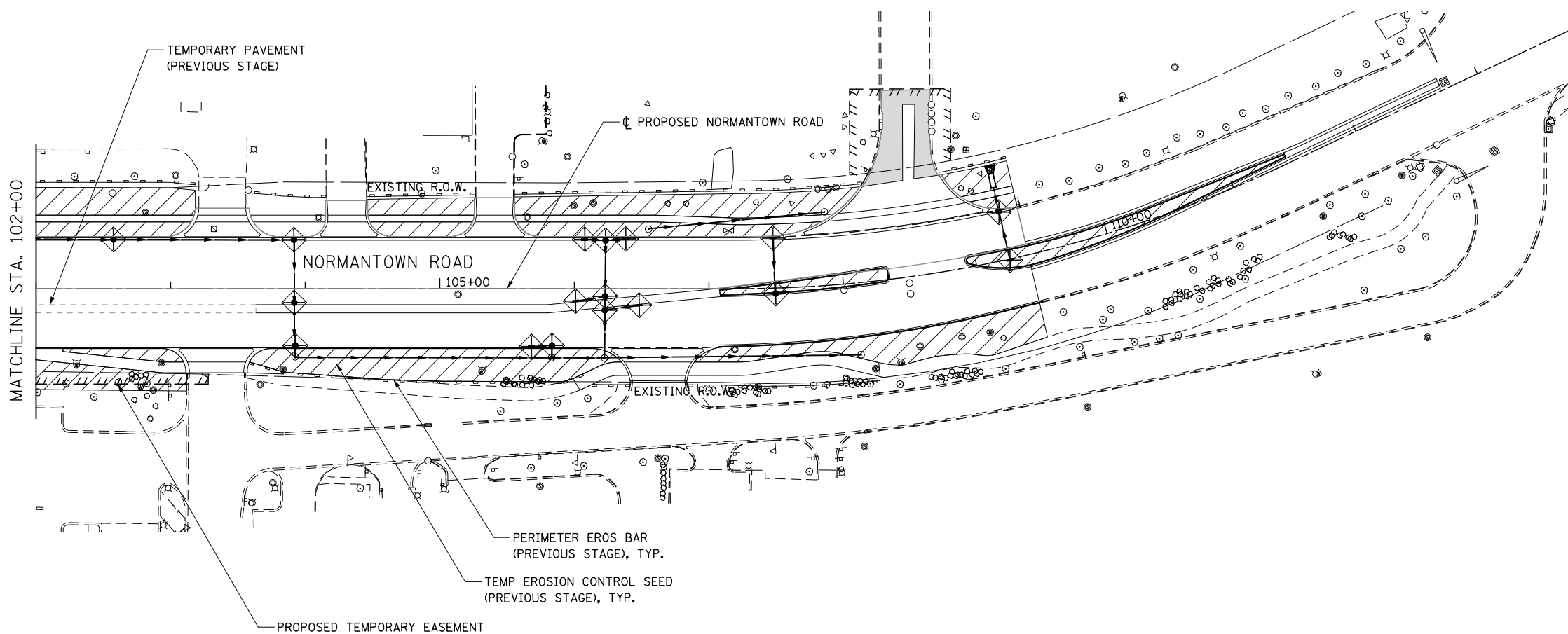
SCALE: AS SHOWN    SHEET NO. 6 OF 12 SHEETS    STA.    TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	896
CONTRACT NO. 60X10				
<small>* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT</small>				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



FILE NAME : D:\60X10-shr-eroa\7-STG.2-Normantown.dgn



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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

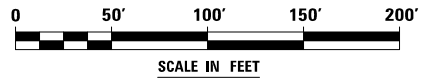
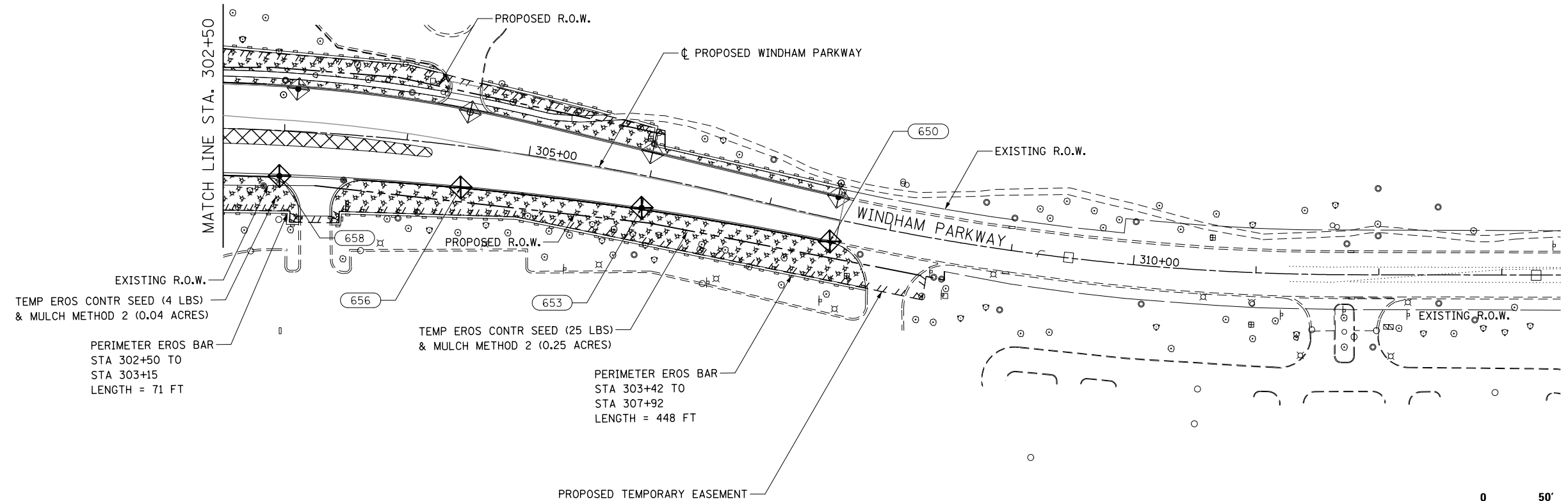
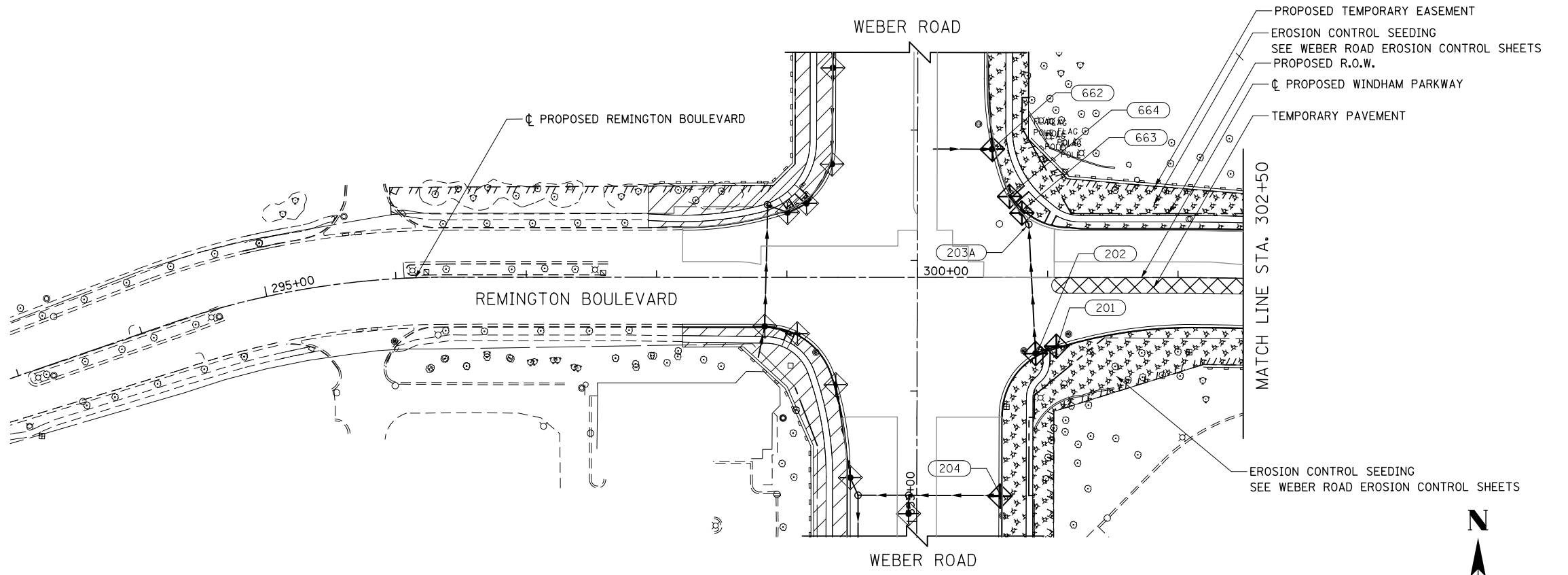
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL – STAGE 2</b>		
<b>NORMANTOWN ROAD</b>		
SCALE: AS SHOWN	SHEET NO. 7 OF 12 SHEETS	STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	897
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



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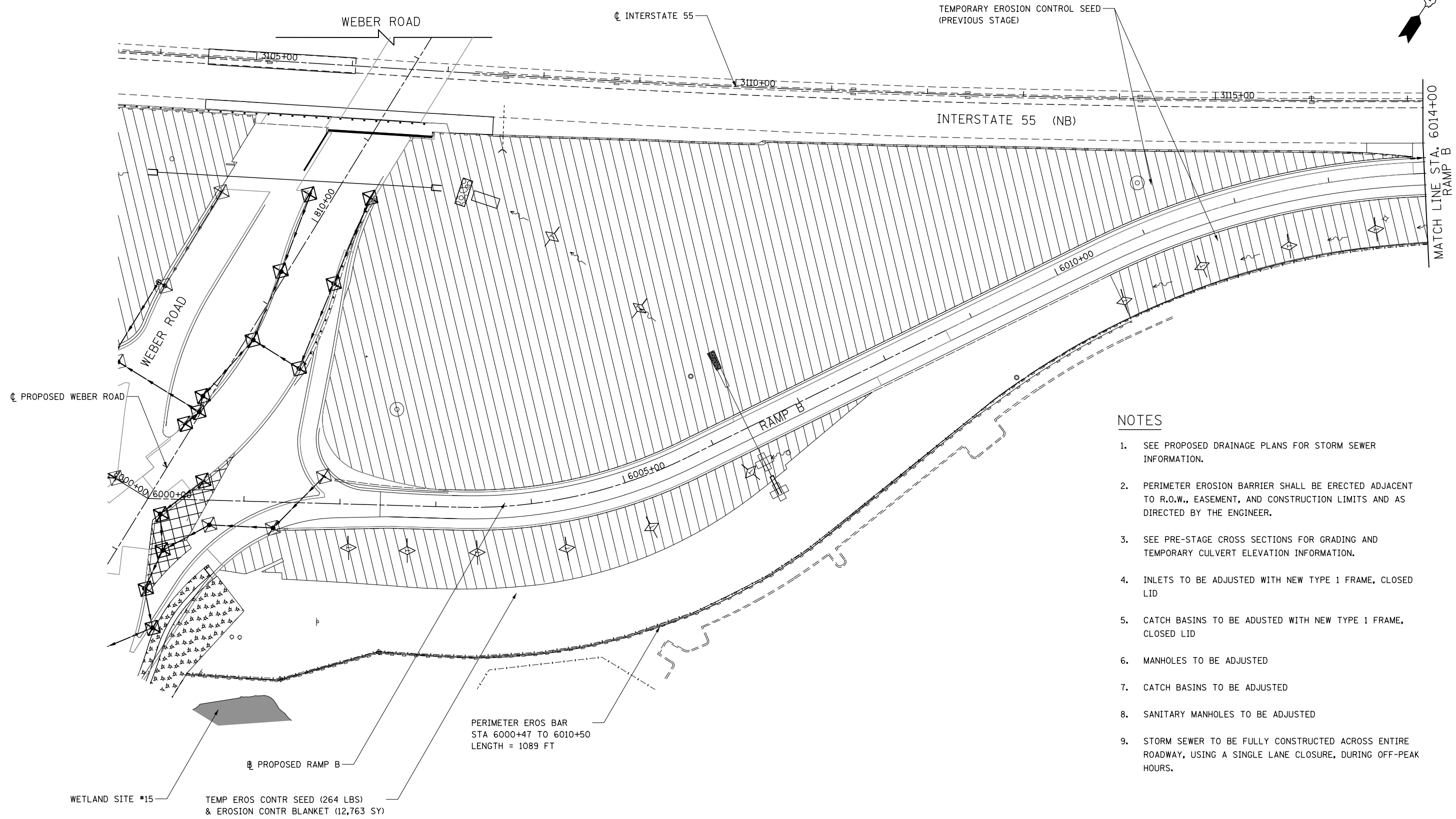
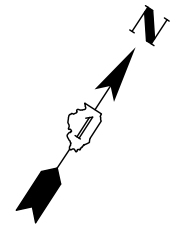


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

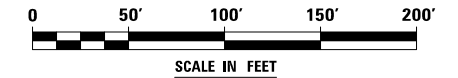
<b>TEMPORARY DRAINAGE &amp; EROSION CONTROL – STAGE 2 REMINGTON BOULEVARD / WINDHAM PARKWAY</b>		
SCALE: AS SHOWN	SHEET NO. 8 OF 12 SHEETS	STA. TO STA.

F.A.I./P RTE. *	SECTION (99-1HB-1) R-1	COUNTY WILL	TOTAL SHEETS 1508	SHEET NO. 898
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
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7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



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**KNIGHT**  
Engineers & Architects

USER NAME = mmaestra	DESIGNED DGB	REVISED -
DRAWN DGB	REVISED -	
PLOT SCALE = 1:1000	CHECKED PJO	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 2  
RAMP B**

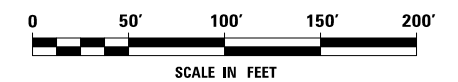
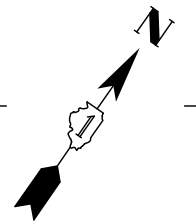
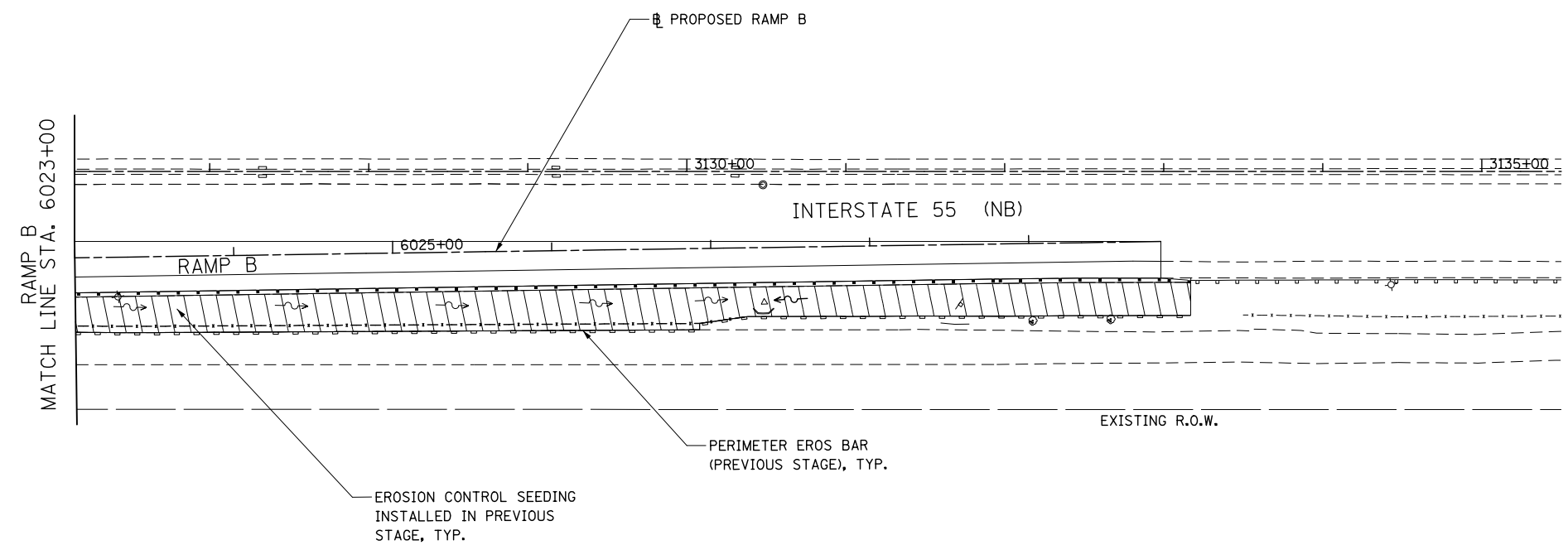
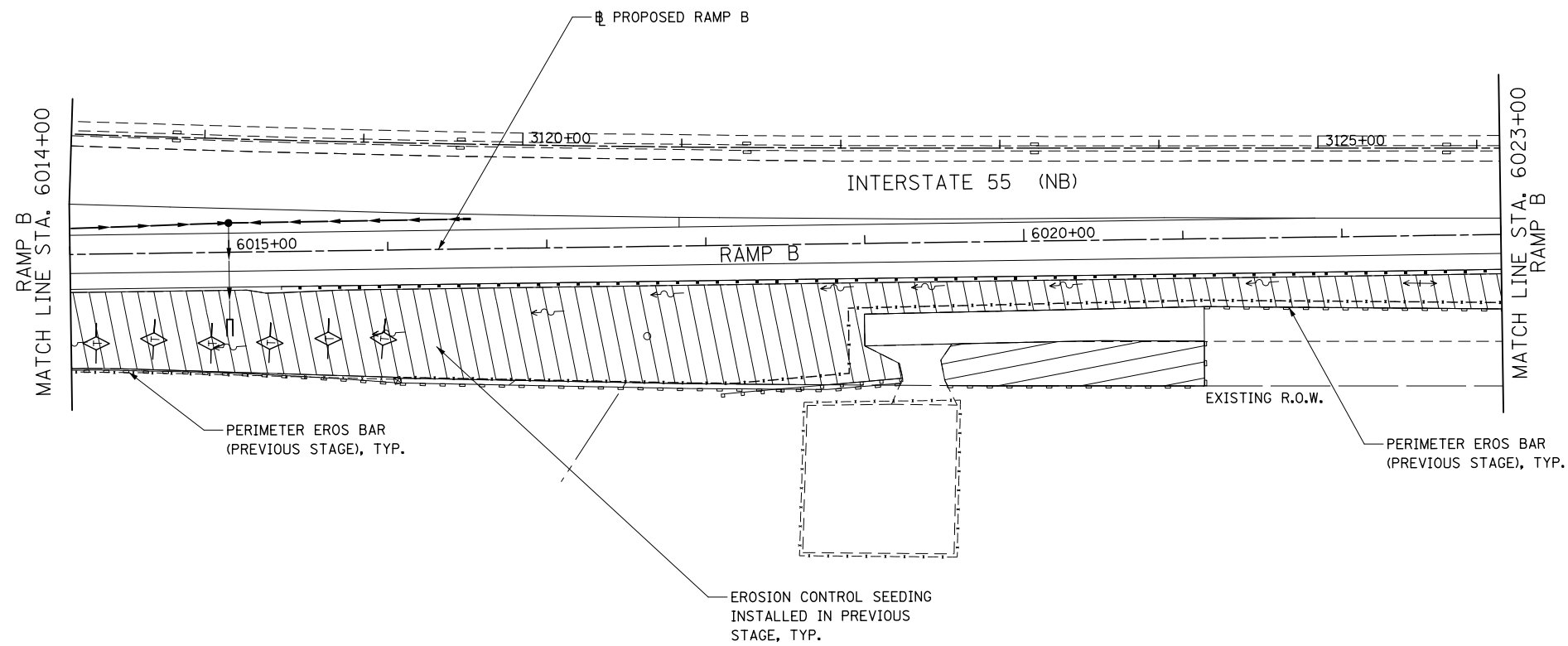
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	899
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



**NOTES**

1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
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4. INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
5. CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID
6. MANHOLES TO BE ADJUSTED
7. CATCH BASINS TO BE ADJUSTED
8. SANITARY MANHOLES TO BE ADJUSTED
9. STORM SEWER TO BE FULLY CONSTRUCTED ACROSS ENTIRE ROADWAY, USING A SINGLE LANE CLOSURE, DURING OFF-PEAK HOURS.



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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL – STAGE 2  
RAMP B**

SCALE: AS SHOWN    SHEET NO. 10 OF 12 SHEETS    STA.    TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	900
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				