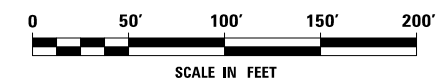


NOTES

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-ehz-eroa13-STG-2.dgn



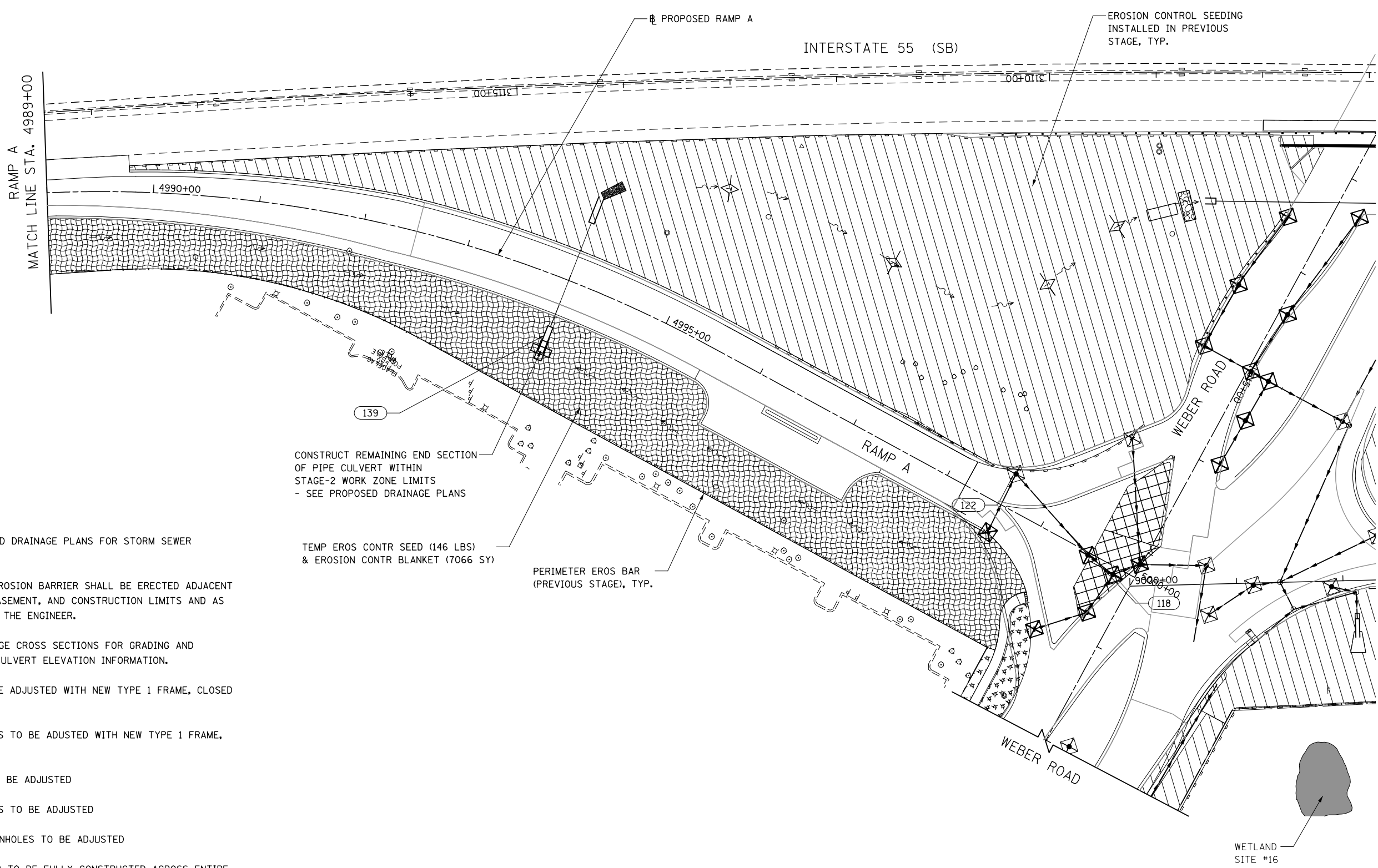
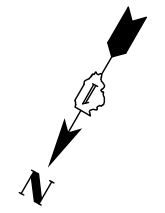
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	DRAWN DGB	REVISED -
PLOT SCALE = 1:100	CHECKED PJO	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: AS SHOWN | SHEET NO. 11 OF 12 SHEETS | STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	901
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	



NOTES

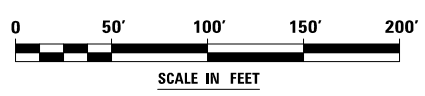
1. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
2. PERIMETER EROSION BARRIER SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE PRE-STAGE CROSS SECTIONS FOR GRADING AND TEMPORARY CULVERT ELEVATION INFORMATION.
4. INLETS TO BE ADJUSTED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

CONSTRUCT REMAINING END SECTION OF PIPE CULVERT WITHIN STAGE-2 WORK ZONE LIMITS - SEE PROPOSED DRAINAGE PLANS

TEMP EROS CONTR SEED (146 LBS) & EROSION CONTR BLANKET (7066 SY)

PERIMETER EROS BAR (PREVIOUS STAGE), TYP.

WETLAND SITE #16



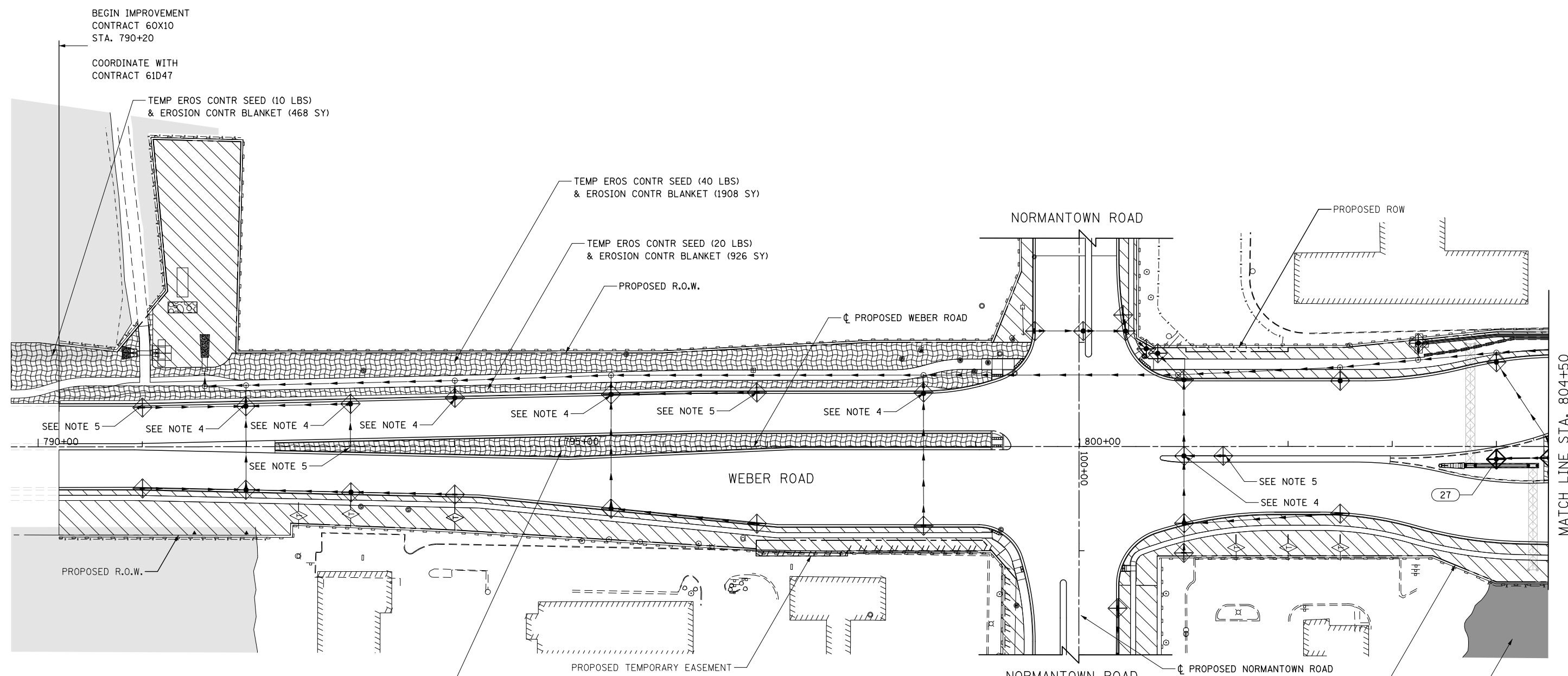
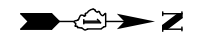
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KNIGHT Engineers & Architects	USER NAME = mmaestra	DESIGNED DGB	REVISED -
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		DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

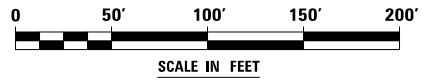
TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 2 RAMP A			
SCALE: AS SHOWN	SHEET NO. 12 OF 12 SHEETS	STA.	TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	902
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. ADJUST MANHOLES TO FINAL GRADE.
4. INSTALL FRAME & GRATE AND ADJUST CATCH BASINS TO FINAL GRADE.
5. INSTALL FRAME & GRATE AND ADJUST INLETS TO FINAL GRADE.
6. SANITARY MANHOLES TO BE ADJUSTED TO FINISHED GRADE.



FILE NAME = D:\60X10-shr-erod1-STG3-4.dgn

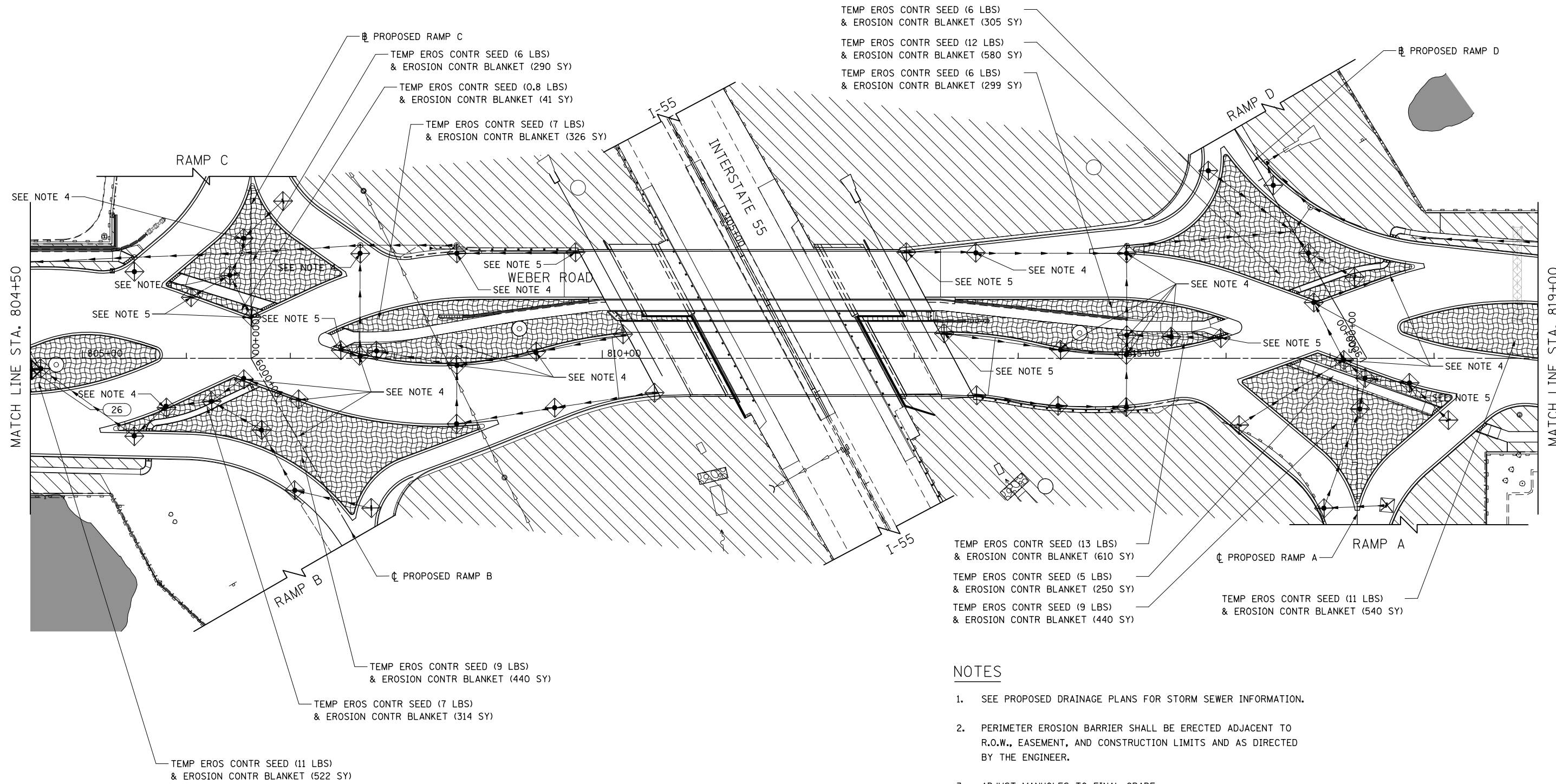
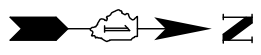


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DRAWN DGB	REVISED -	
PLOT SCALE = 1:100	CHECKED PJO	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY DRAINAGE & EROSION CONTROL - STAGES 3 & 4		
WEBER ROAD		
SCALE: AS SHOWN	SHEET NO. 1 OF 7 SHEETS	STA. TO STA.

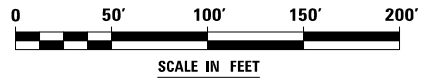
F.A.I./P RTE. *	SECTION (99-1HB-1) R-1	COUNTY WILL	TOTAL SHEETS 1508	SHEET NO. 903
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



- TEMP EROS CONTR SEED (13 LBS) & EROSION CONTR BLANKET (610 SY)
- TEMP EROS CONTR SEED (5 LBS) & EROSION CONTR BLANKET (250 SY)
- TEMP EROS CONTR SEED (9 LBS) & EROSION CONTR BLANKET (440 SY)
- TEMP EROS CONTR SEED (11 LBS) & EROSION CONTR BLANKET (540 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. ADJUST MANHOLES TO FINAL GRADE.
4. INSTALL FRAME & GRATE AND ADJUST CATCH BASINS TO FINAL GRAC
5. INSTALL FRAME & GRATE AND ADJUST INLETS TO FINAL GRADE.
6. SANITARY MANHOLES TO BE ADJUSTED TO FINISHED GRADE.



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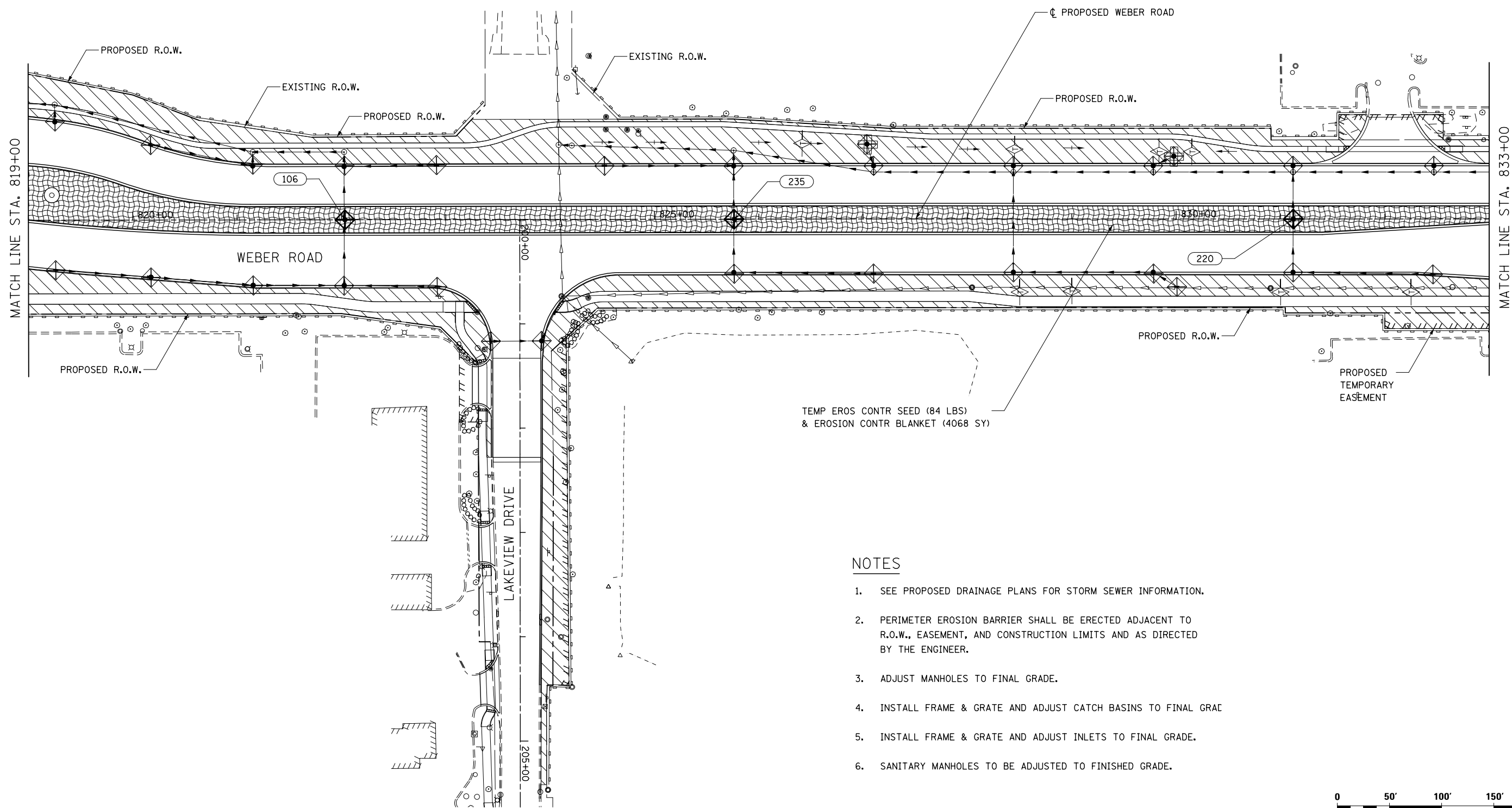


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DRAWN DGB	REVISOR -	
PLOT SCALE = 1:100	CHECKED PJO	REVISOR -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

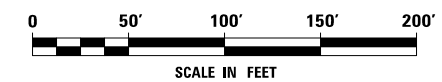
TEMPORARY DRAINAGE & EROSION CONTROL - STAGES 3 & 4		
WEBER ROAD		
SCALE: AS SHOWN	SHEET NO. 2 OF 7 SHEETS	STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	904
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. ADJUST MANHOLES TO FINAL GRADE.
4. INSTALL FRAME & GRATE AND ADJUST CATCH BASINS TO FINAL GRAC
5. INSTALL FRAME & GRATE AND ADJUST INLETS TO FINAL GRADE.
6. SANITARY MANHOLES TO BE ADJUSTED TO FINISHED GRADE.



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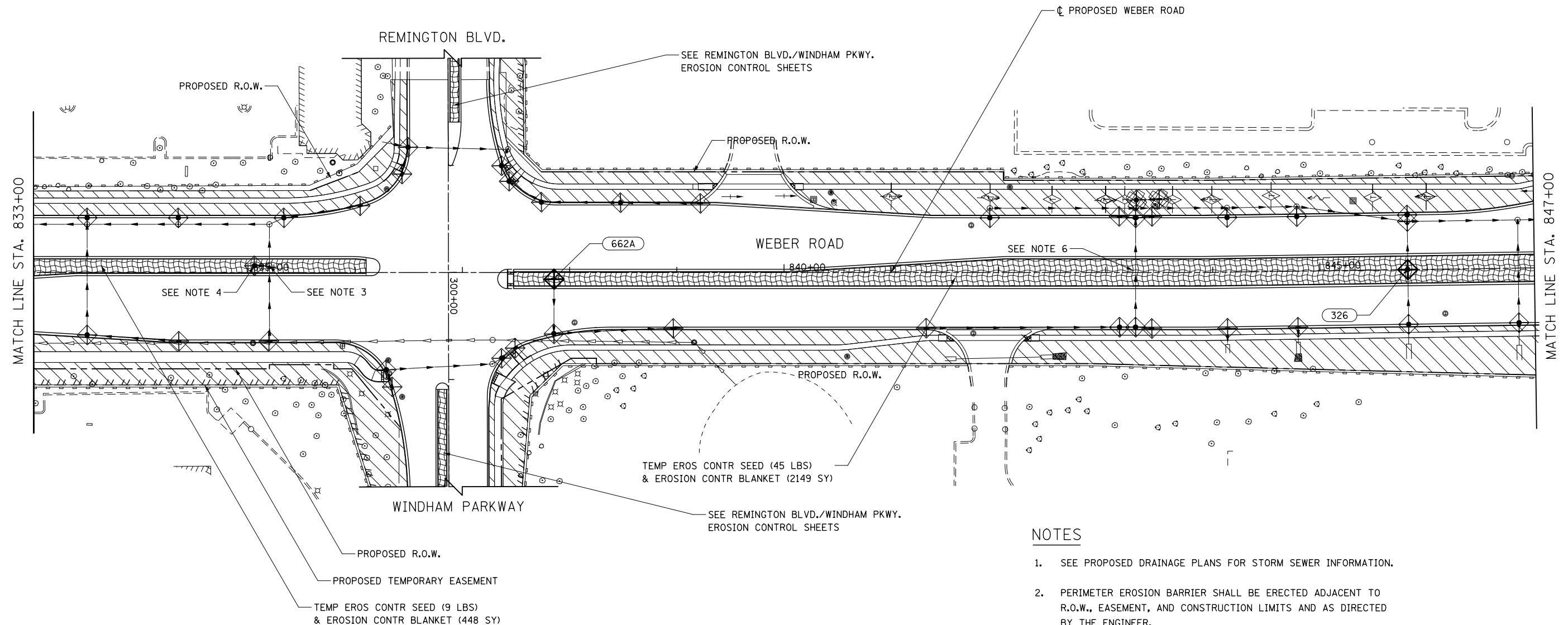
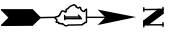
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

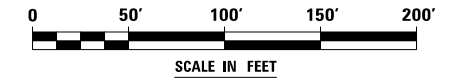
**TEMPORARY DRAINAGE & EROSION CONTROL - STAGE 3 & 4
WEBER ROAD AND LAKEVIEW DRIVE**

SCALE: AS SHOWN SHEET NO. 3 OF 7 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	905
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.
 - ADJUST MANHOLES TO FINAL GRADE.
 - INSTALL FRAME & GRATE AND ADJUST CATCH BASINS TO FINAL GRAC
 - INSTALL FRAME & GRATE AND ADJUST INLETS TO FINAL GRADE.
 - SANITARY MANHOLES TO BE ADJUSTED TO FINISHED GRADE.



FILE NAME = D:\60X10-shr-eroa\04-STG3-4.dgn

KNIGHT
Engineers & Architects

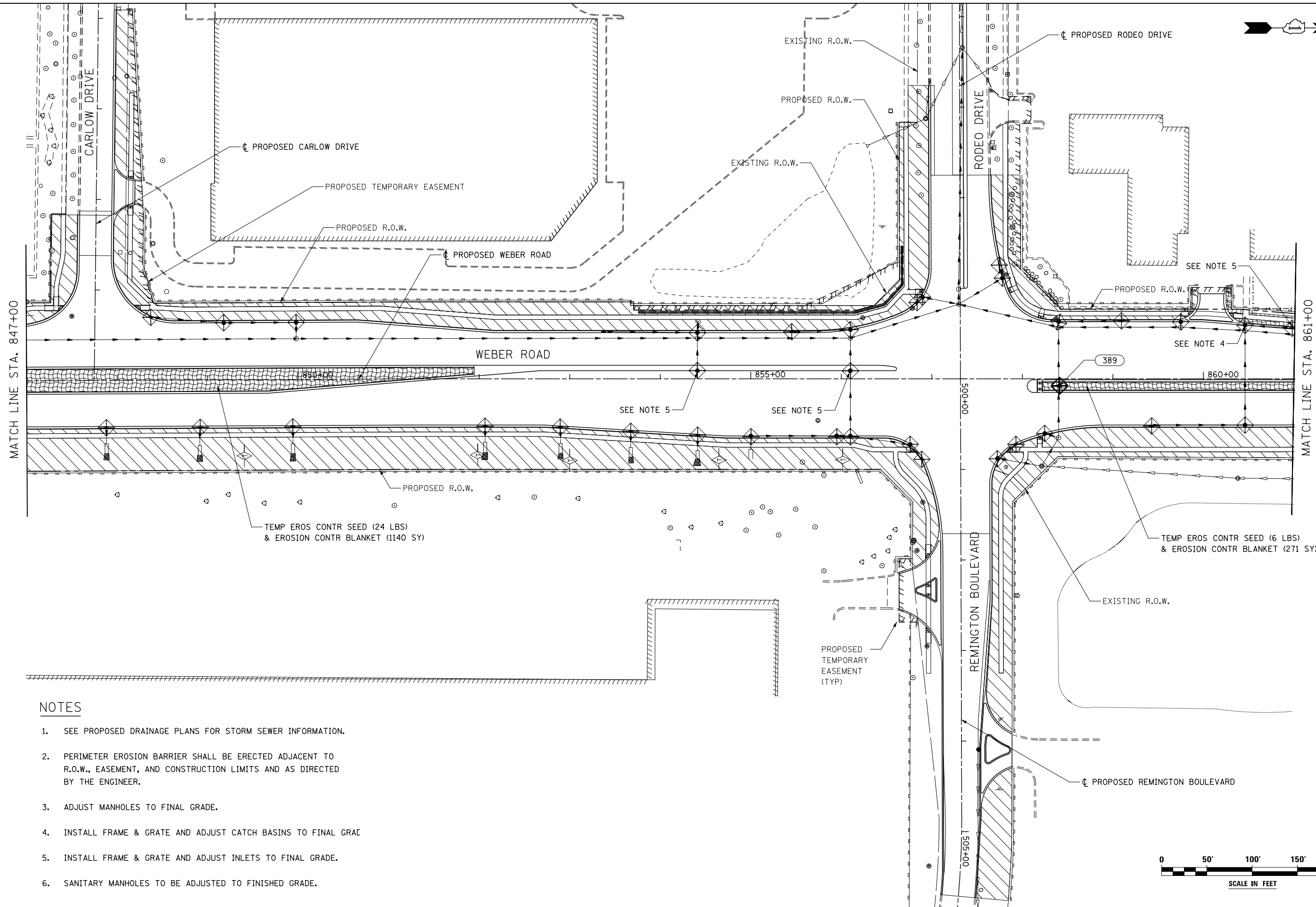
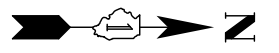
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PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY DRAINAGE & EROSION CONTROL - STAGES 3 & 4
WEBER ROAD

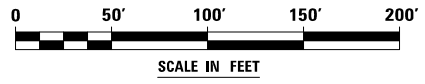
SCALE: AS SHOWN SHEET NO. 4 OF 7 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	906
			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. ADJUST MANHOLES TO FINAL GRADE.
4. INSTALL FRAME & GRATE AND ADJUST CATCH BASINS TO FINAL GRAC
5. INSTALL FRAME & GRATE AND ADJUST INLETS TO FINAL GRADE.
6. SANITARY MANHOLES TO BE ADJUSTED TO FINISHED GRADE.



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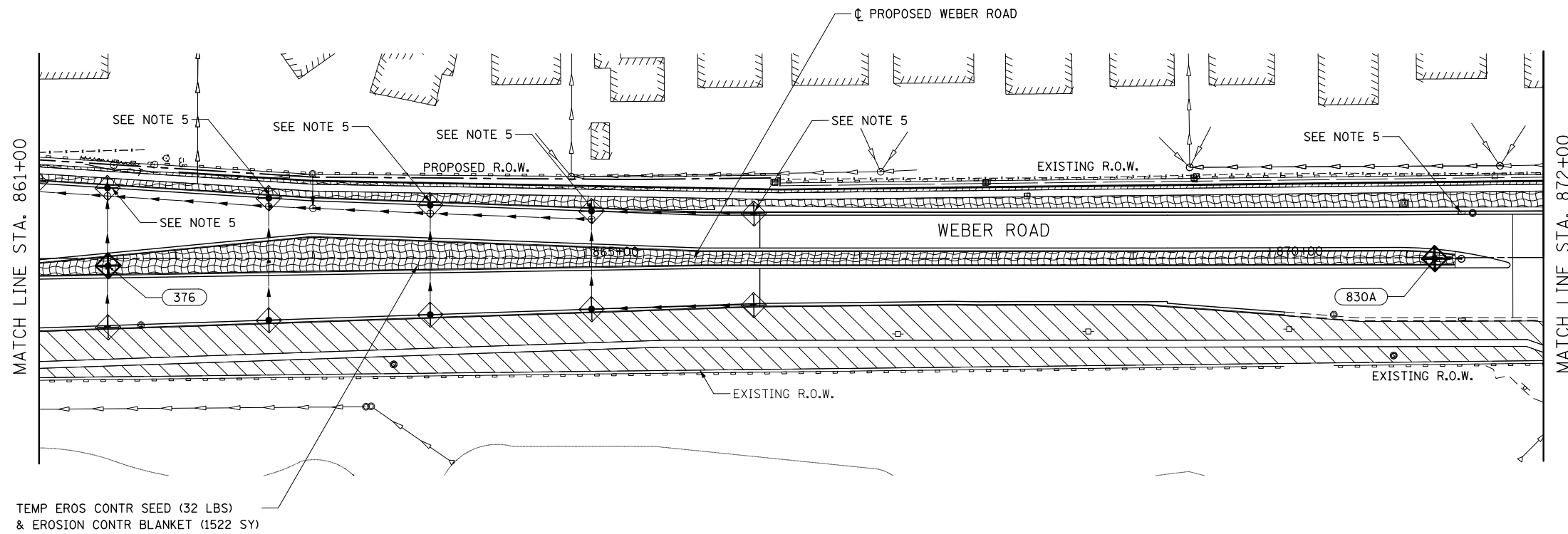
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		DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE & EROSION CONTROL - STAGES 3 & 4
WEBER ROAD, CARLOW DRIVE AND RODEO DRIVE / REMINGTON BLVD**

SCALE: AS SHOWN SHEET NO. 5 OF 7 SHEETS STA. TO STA.

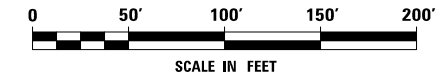
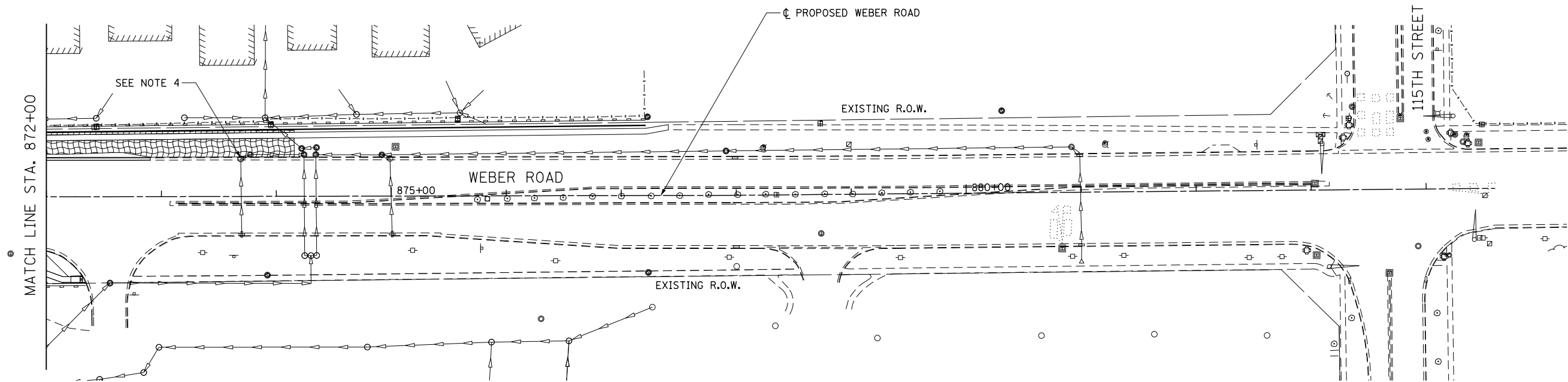
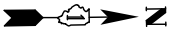
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	907
			CONTRACT NO. 60X10	
<small>* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT</small>				



TEMP EROS CONTR SEED (32 LBS)
& EROSION CONTR BLANKET (1522 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. ADJUST MANHOLES TO FINAL GRADE.
4. INSTALL FRAME & GRATE AND ADJUST CATCH BASINS TO FINAL GRAC
5. INSTALL FRAME & GRATE AND ADJUST INLETS TO FINAL GRADE.
6. SANITARY MANHOLES TO BE ADJUSTED TO FINISHED GRADE.

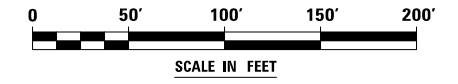
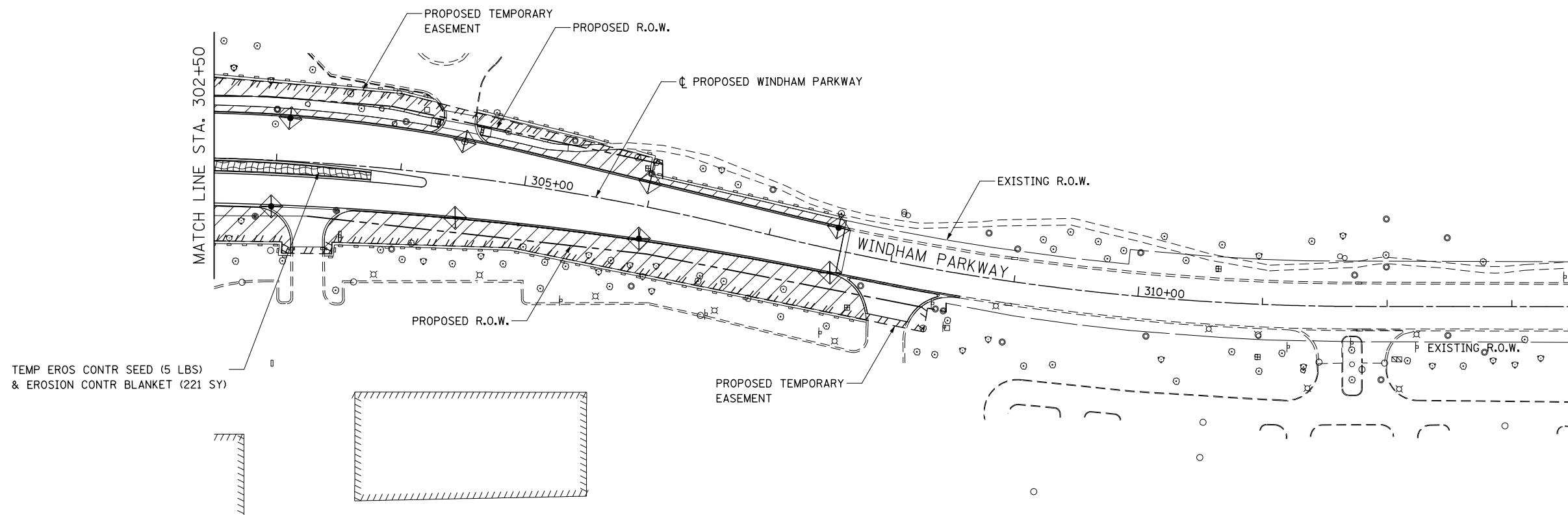
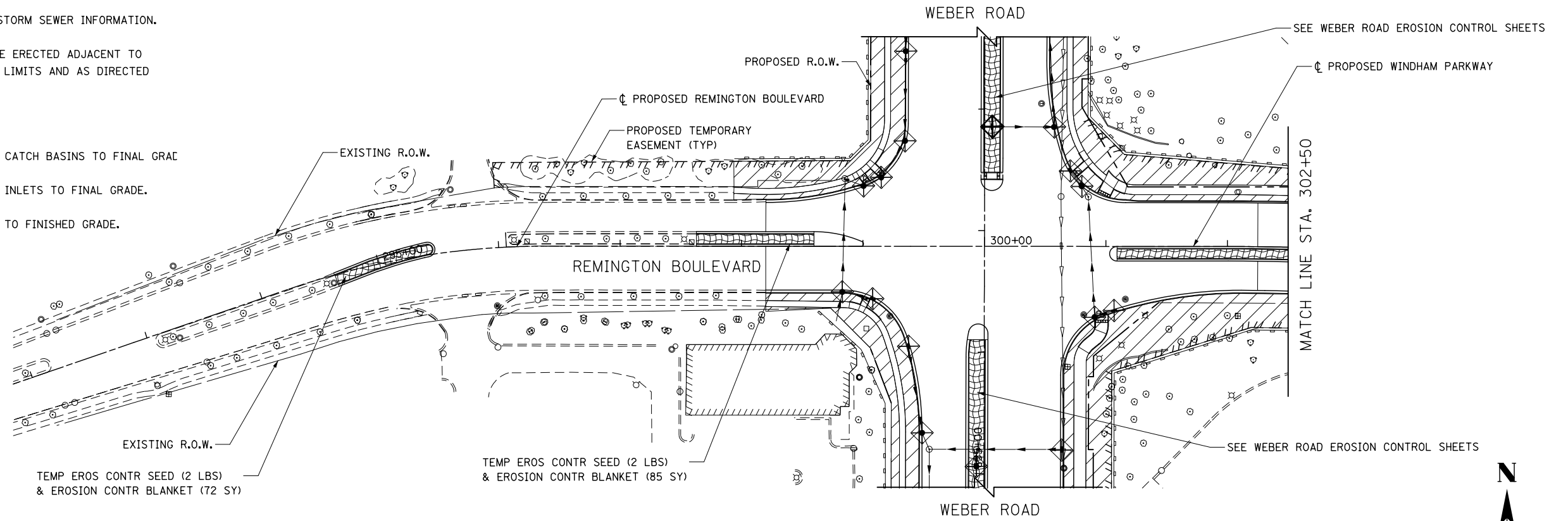


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PLOT DATE = 5/13/2017	CHECKED PJO	REVISED -	SCALE: AS SHOWN		SHEET NO. 6 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 60X10				
	DATE 05/12/17	REVISED -					* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT					

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. ADJUST MANHOLES TO FINAL GRADE.
4. INSTALL FRAME & GRATE AND ADJUST CATCH BASINS TO FINAL GRAC
5. INSTALL FRAME & GRATE AND ADJUST INLETS TO FINAL GRADE.
6. SANITARY MANHOLES TO BE ADJUSTED TO FINISHED GRADE.



FILE NAME : D:\60X10-shr-eroa08-STG3-4-RemingtonWindham.dgn

KNIGHT Engineers & Architects	USER NAME = mmaestra	DESIGNED DGB	REVISED -
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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 - STAGES 3 & 4
REMINGTON BOULEVARD / WINDHAM PARKWAY**

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

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	909
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

SCHEDULE OF LANDSCAPE QUANTITIES

DESCRIPTION	Unit	Total	LANDSCAPE PLAN SHEET NUMBER															
			Sheet 1	Sheet 2	Sheet 3	Sheet 4	Sheet 5	Sheet 6	Sheet 7	Sheet 8	Sheet 9	Sheet 10	Sheet 11	Sheet 12	Sheet 13	Sheet 14	Sheet 15	Sheet 16
TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 8' HEIGHT CLUMP FORM, BALLED AND BURLAPPED	EACH	7							6	1								
TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED	EACH	22									2	6	9			4	1	
TREE, AESCULUS CARNEA FORT MCNAIR (FORT MCNAIR BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED,	EACH	11										3				8		
TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 2" CALIPER, BALLED AND BURLAPPED	EACH	7															7	
TREE, CARYA OVATA (SHAGBARK HICKORY), 2" CALIPER, BALLED AND BURLAPPED	EACH	9											6					3
TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED	EACH	46	7		7	6	5	6	4							6	5	
TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	37			12	7	6		7	5								
TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	66	23			18	8	14								3		
TREE, LIRIODENDRON TULIPIFERA (TULIP TREE), 2" CALIPER, BALLED AND BURLAPPED	EACH	9							9									
TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	19							19									
TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATION LONDON PLANETREE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	35	3		7	11	4	10										
TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	28	3		3			9	1			2				10		
TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	41	12		6		4	6		5		8						
TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	13					7		1						5			
TREE, QUERCUS MUELENBERGII (CHINKAPIN OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	2																2
TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	7									2					3	2	

FILE NAME : D60X10-INT-Indep-schedule.01.dgn

SCHEDULE OF LANDSCAPE QUANTITIES

DESCRIPTION	Unit	Total	LANDSCAPE PLAN SHEET NUMBER															
			Sheet 1	Sheet 2	Sheet 3	Sheet 4	Sheet 5	Sheet 6	Sheet 7	Sheet 8	Sheet 9	Sheet 10	Sheet 11	Sheet 12	Sheet 13	Sheet 14	Sheet 15	Sheet 16
TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	15											9				6	
TREE, TILIA AMERICANA MCKSENTRY (SENTRY AMERICAN LINDEN/BASSWOOD), 2" CALIPER, BALLED AND BURLAPPED	EACH	24			12	5	7											
TREE, ULMUS AMERICANA PRINCETON (PRINCETON AMERICAN ELM), 2" CALIPER, BALLED AND BURLAPPED	EACH	40	7		22	5	1	5										
TREE, AMELANCHIER X GRANDIFLORA (APPLE SERVICEBERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	6			3					3								
TREE, CORNUS MAS 'GOLDEN GLORY' (GOLDEN GLORY CORNELIAN CHERRY DOGWOOD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	5								5								
TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	11	3													4	4	
TREE, PRUNUS VIRGINIANA SCHUBERT (CANADA RED CHOKE CHERRY), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	8										2	4			2		
TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	31				18					13							
SHRUB, VIBURNUM LENTAGO (NANNYBERRY VIBURNUM), 4' HEIGHT, BALLED AND BURLAPPED	EACH	334														60	274	
SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 15" WIDTH, CONTAINER	EACH	116						116										
SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' WIDTH, CONTAINER	EACH	1410									150	230	140			490	400	
EVERGREEN, PINUS FLEXILIS VANDERWOLF'S PYRAMID (VANDERWOLF'S PYRAMID LIMBER PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	28										8	8	4	5		3	
VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT	EACH	335						10	325									
PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	42	42															
PERENNIAL PLANTS, SEDGE MEADOW TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	282										60	39			72	111	
TRANSPLANTED SALVAGED TREES	EACH	33											14			8	11	

FILE NAME : D60X10-ahc-1ndsep_schedule_02.dgn



USER NAME : mmaestra	DESIGNED DGB	REVISED -
PLOT SCALE : 1:20	DRAWN DGB	REVISED -
PLOT DATE : 5/13/2017	CHECKED PJO	REVISED -
	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE SCHEDULES

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

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	911
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



BEGIN IMPROVEMENT
CONTRACT 60X10
STA. 790+20

COORDINATE WITH
CONTRACT 61D47

BUFFER FOR WETLAND SITE 1 (WEST SIDE)
PERENNIAL PLANTS, WETLAND TYPE
- 2.20 UNITS STAGGERED 12" O.C.
(56' X 4') (SEE SPECIAL PROVISION
FOR SPECIES)

WETLAND SITE 1
2 SWAMP WHITE OAK

BMP NO. 1 - FOR DETAILS SEE
"COMPENSATORY STORAGE AND
BMP NO. 1 PLAN - LILY CACHE SLOUGH"

PERENNIAL PLANTS, WETLAND TYPE
- 32.00 UNITS STAGGERED 12" O.C.
(SEE SPECIAL PROVISION FOR SPECIES)

3 SHINGLE OAK (30' O.C.)

5 KENTUCKY COFFEETREE (30' O.C.)
ADJUST TREE SPACING WITH
PROPOSED STREET LIGHTS

7 COMMON
HACKBERRY
(30' O.C.)

5 PRINCETON AMERICAN
ELM (30' O.C.)

TOPSOIL EXCAVATION
AND PLACEMENT (30'")

5 KENTUCKY COFFEETREE
(30' O.C.)

3 EXCLAMATION
LONDON PLANETREE
(30' O.C.)

NORMANTOWN ROAD

4 KENTUCKY
COFFEETREE (30' O.C.)

RETAINING WALL
SN 099-0909

SPEEDWAY

5 SHINGLE OAK (30' O.C.)
ADJUST TREE SPACING WITH
PROPOSED STREET LIGHTS

MATCH LINE STA. 804+50

790+00

+40

795+00

800+00

+10

WEBER ROAD

2 PRINCETON AMERICAN
ELM (30' O.C.)

DISCOUNT
TIRE STORE

3 KENTUCKY
COFFEETREE

1 SHINGLE OAK

1 THORNLESS COCKSPUR
HAWTHORN

1 SHINGLE OAK

1 THORNLESS COCKSPUR
HAWTHORN

1 THORNLESS COCKSPUR
HAWTHORN

1 KENTUCKY COFFEETREE

NORMANTOWN ROAD


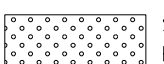







3 KENTUCKY
COFFEETREE
(30' O.C.)

2 SHINGLE
OAK
(30' O.C.)

WETLAND SITE 15

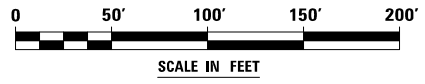
BUFFER FOR WETLAND SITE 1 (EAST SIDE)
PERENNIAL PLANTS, WETLAND TYPE
- 7.60 UNITS STAGGERED 12" O.C.
(189' X 4') (SEE SPECIAL PROVISION
FOR SPECIES)

LEGEND

	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND

NOTES

- 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.



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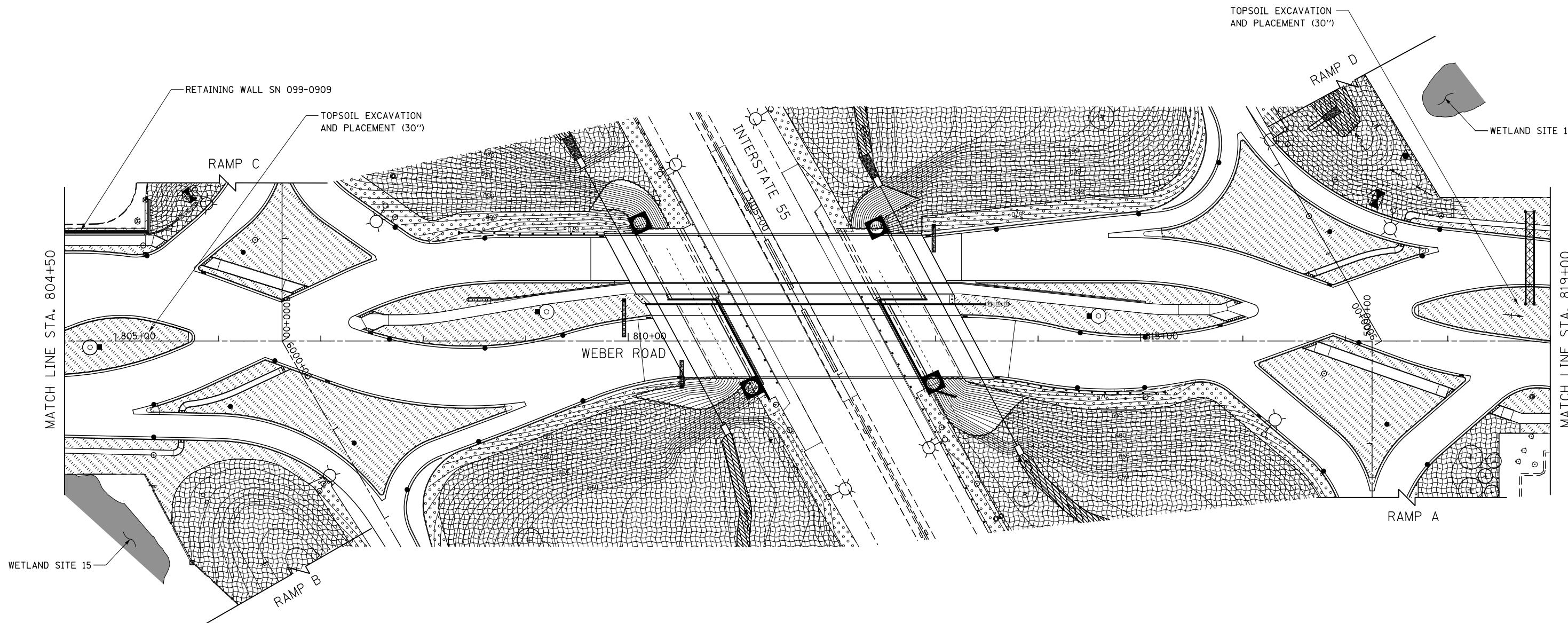
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DRAWN PAW	REVISIONS -	
PLOT SCALE = 1:100	CHECKED PJO	REVISIONS -
PLOT DATE = 6/15/2017	DATE 06/16/17	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


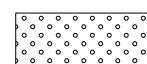




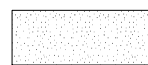


**LANDSCAPE PLANS
WEBER ROAD**

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	912
CONTRACT NO. 60X10				
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

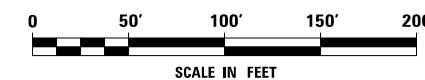


LEGEND

 SEEDING, CLASS 1A AND MULCH, METHOD 2	 SEEDING, CLASS 2A AND EROSION CONTROL BLANKET	 PERENNIAL PLANTS AND SEEDING, CLASS 4B
 SEEDING, CLASS 1A AND EROSION CONTROL BLANKET	 SEEDING, CLASS 4A AND EROSION CONTROL BLANKET	 WETLAND/WOUS (JURISDICTIONAL)
 SEEDING, CLASS 2A AND MULCH, METHOD 2	 SEEDING, CLASS 4B AND EROSION CONTROL BLANKET	 NON-JURISDICTIONAL WETLAND

NOTES

- 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.



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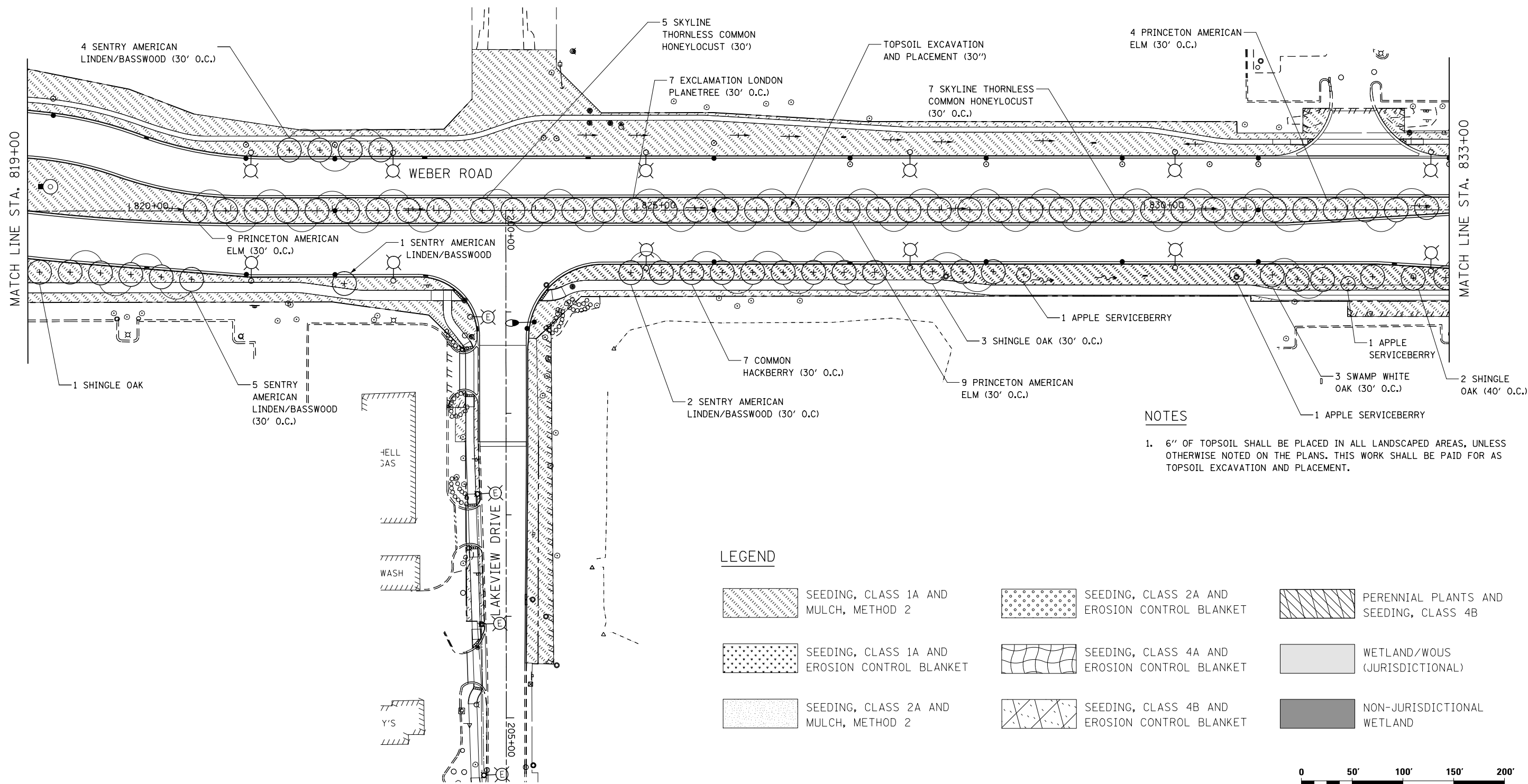
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	DRAWN PAW	REVISED -
PLOT SCALE = 1:100	CHECKED PJO	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLANS
WEBER ROAD**

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


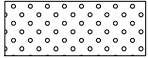




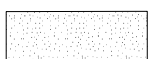


F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	913
CONTRACT NO. 60X10				
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

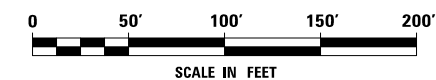


NOTES

1. 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

LEGEND

	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND



FILE NAME = D:\60X10-shr-landscp03.dgn

KNIGHT
Engineers & Architects

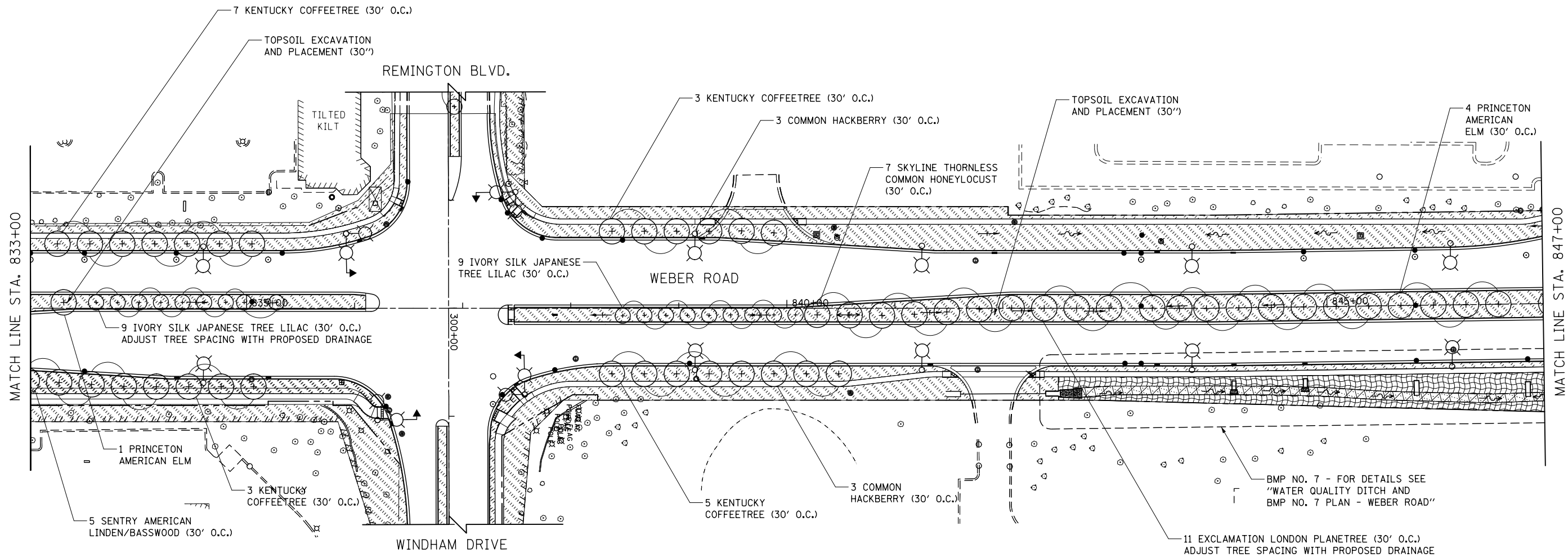
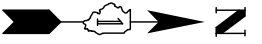
USER NAME = mmaestra	DESIGNED DGB	REVISED -
	DRAWN PAW	REVISED -
PLOT SCALE = 1:100	CHECKED PJO	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


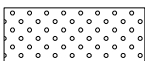

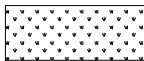

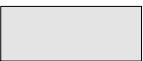

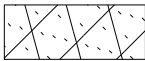

**LANDSCAPE PLANS
WEBER ROAD AND LAKEVIEW DRIVE**

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	914
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	

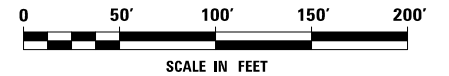


LEGEND

 SEEDING, CLASS 1A AND MULCH, METHOD 2	 SEEDING, CLASS 2A AND EROSION CONTROL BLANKET	 PERENNIAL PLANTS AND SEEDING, CLASS 4B
 SEEDING, CLASS 1A AND EROSION CONTROL BLANKET	 SEEDING, CLASS 4A AND EROSION CONTROL BLANKET	 WETLAND/WOUS (JURISDICTIONAL)
 SEEDING, CLASS 2A AND MULCH, METHOD 2	 SEEDING, CLASS 4B AND EROSION CONTROL BLANKET	 NON-JURISDICTIONAL WETLAND

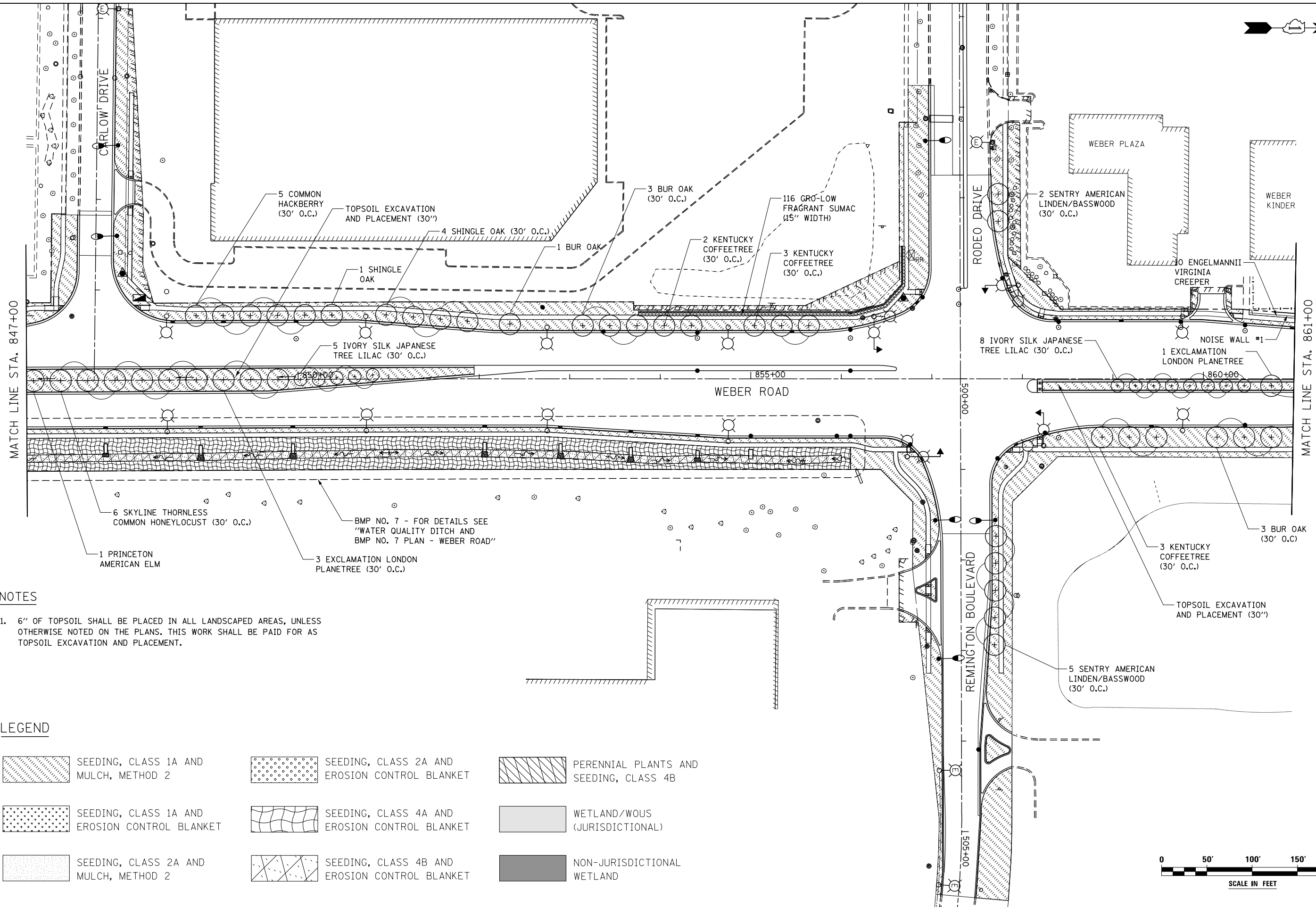
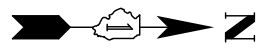
NOTES

- 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.



FILE NAME = D:\60X10-ent-landscape.dgn

 KNIGHT Engineers & Architects	USER NAME = mmaestra	DESIGNED DGB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS WEBER ROAD		F.A.I./P RTE. *	SECTION (99-1HB-1) R-1	COUNTY WILL	TOTAL SHEETS 1508	SHEET NO. 915
	PLOT SCALE = 1:100	CHECKED PJO	REVISED -				SCALE: AS SHOWN	SHEET NO. 4 OF 16 SHEETS	STA. TO STA.	CONTRACT NO. 60X10	
	PLOT DATE = 5/15/2017	DATE 05/12/17	REVISED -								

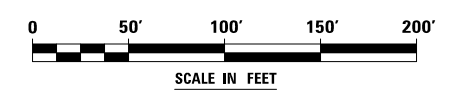


NOTES

1. 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

LEGEND

	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND



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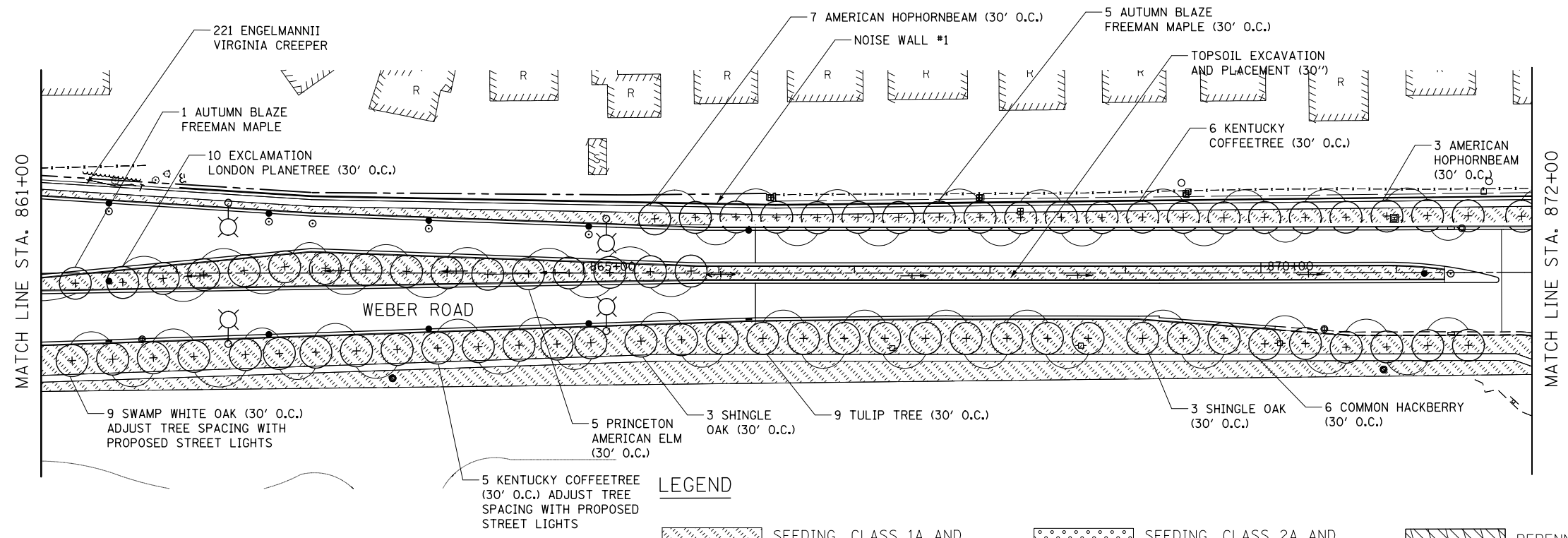


USER NAME = mmaestra	DESIGNED DGB	REVISED -
DRAWN PAW	DRAWN PAW	REVISED -
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PLOT DATE = 5/15/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

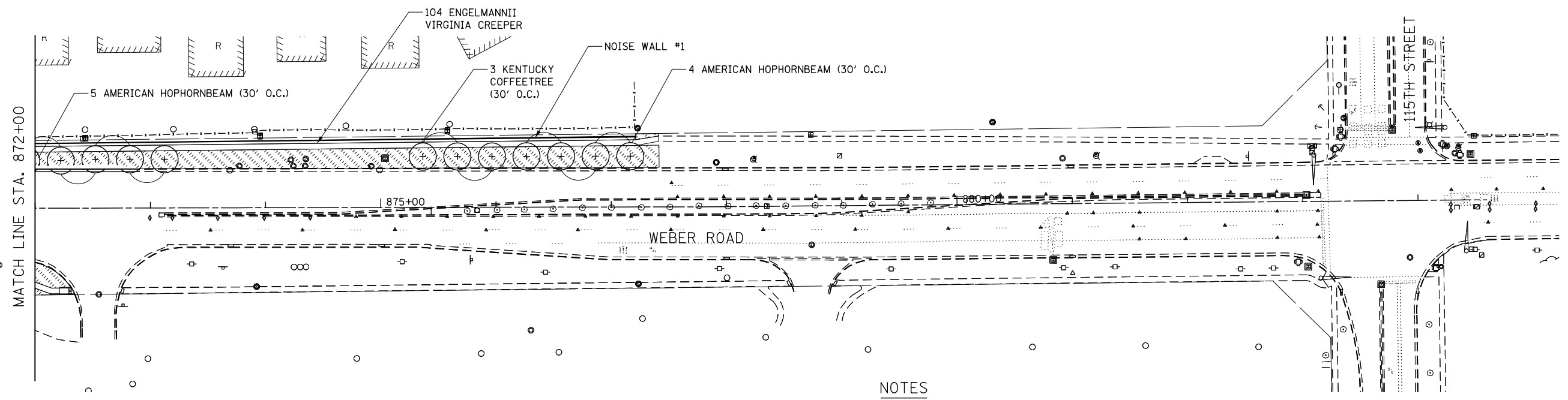
LANDSCAPE PLANS
WEBER ROAD, CARLOW DRIVE AND RODEO DRIVE / REMINGTON BLVD
SCALE: AS SHOWN SHEET NO. 5 OF 16 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	916
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	



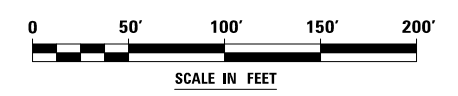
LEGEND

- SEEDING, CLASS 1A AND MULCH, METHOD 2
- SEEDING, CLASS 2A AND EROSION CONTROL BLANKET
- PERENNIAL PLANTS AND SEEDING, CLASS 4B
- SEEDING, CLASS 1A AND EROSION CONTROL BLANKET
- SEEDING, CLASS 4A AND EROSION CONTROL BLANKET
- WETLAND/WOUS (JURISDICTIONAL)
- SEEDING, CLASS 2A AND MULCH, METHOD 2
- SEEDING, CLASS 4B AND EROSION CONTROL BLANKET
- NON-JURISDICTIONAL WETLAND



NOTES

1. 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.



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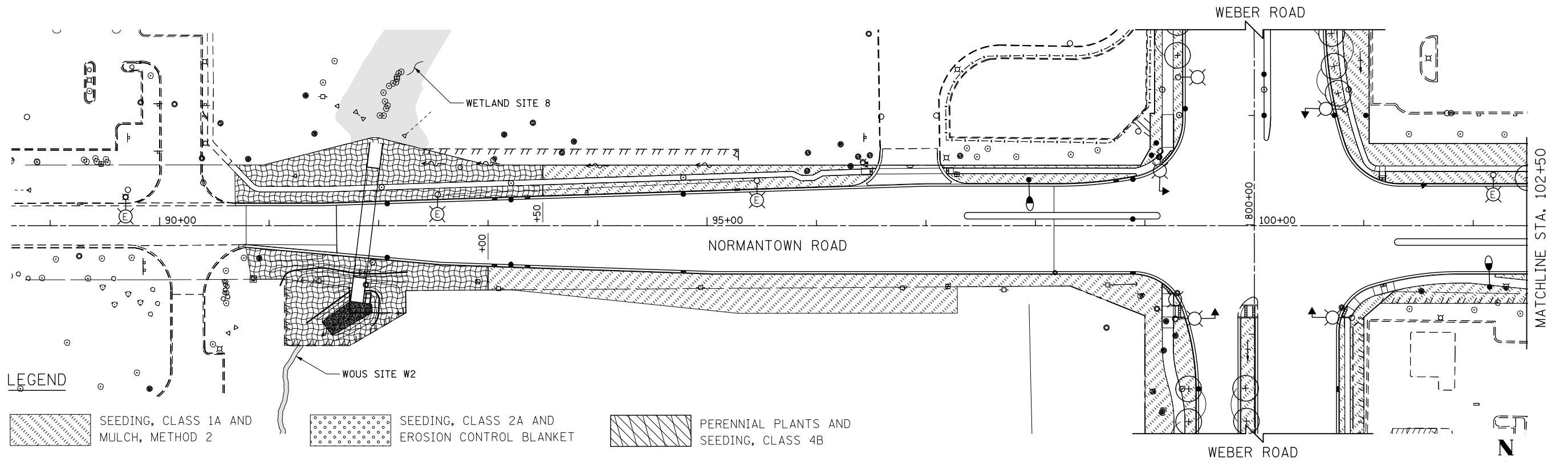
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DRAWN PAW	REVISOR -		
PLOT SCALE = 1:100	CHECKED PJO	REVISOR -	
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISOR -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLANS
WEBER ROAD**

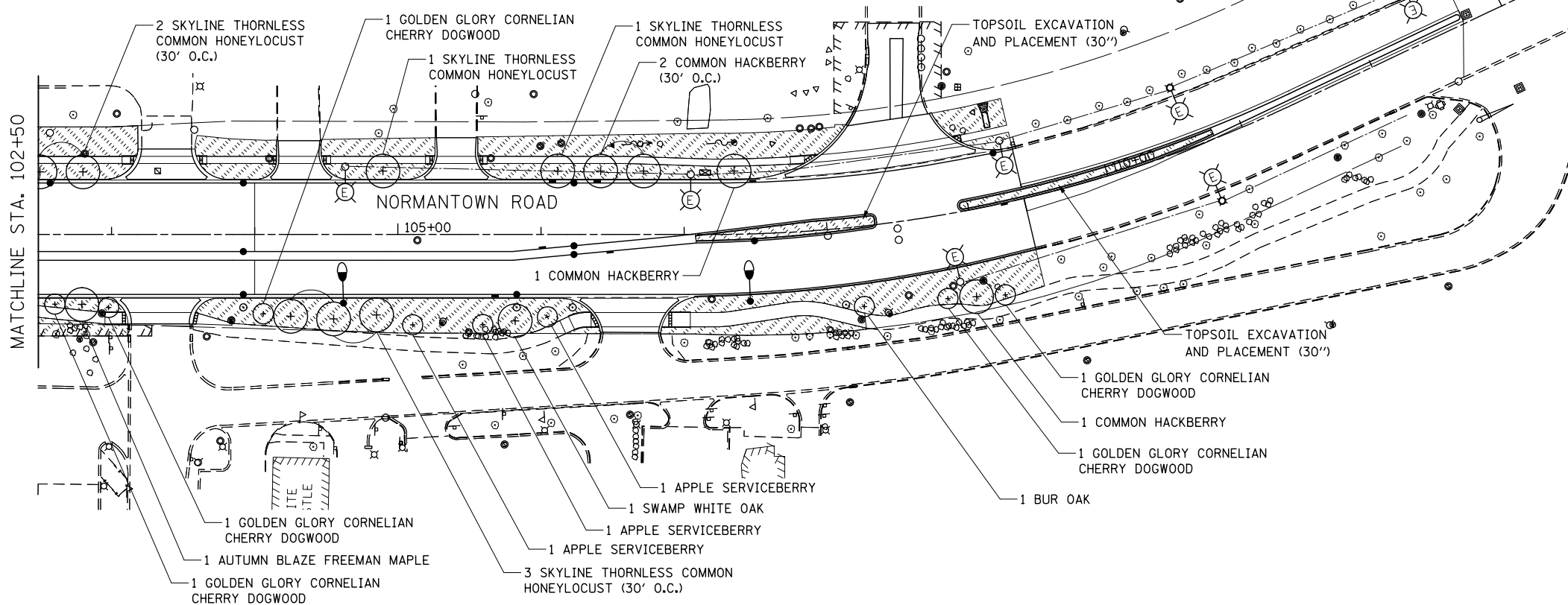
SCALE: AS SHOWN SHEET NO. 6 OF 16 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	917
CONTRACT NO. 60X10				
<small>* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT</small>				



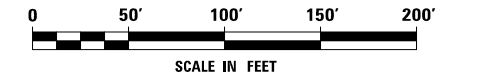
LEGEND

- SEEDING, CLASS 1A AND MULCH, METHOD 2
- SEEDING, CLASS 2A AND EROSION CONTROL BLANKET
- PERENNIAL PLANTS AND SEEDING, CLASS 4B
- SEEDING, CLASS 4A AND EROSION CONTROL BLANKET
- WETLAND/WOUS (JURISDICTIONAL)
- NON-JURISDICTIONAL WETLAND
- SEEDING, CLASS 1A AND EROSION CONTROL BLANKET
- SEEDING, CLASS 4A AND EROSION CONTROL BLANKET
- SEEDING, CLASS 4B AND EROSION CONTROL BLANKET
- WETLAND/WOUS (JURISDICTIONAL)
- NON-JURISDICTIONAL WETLAND



NOTES

1. 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.



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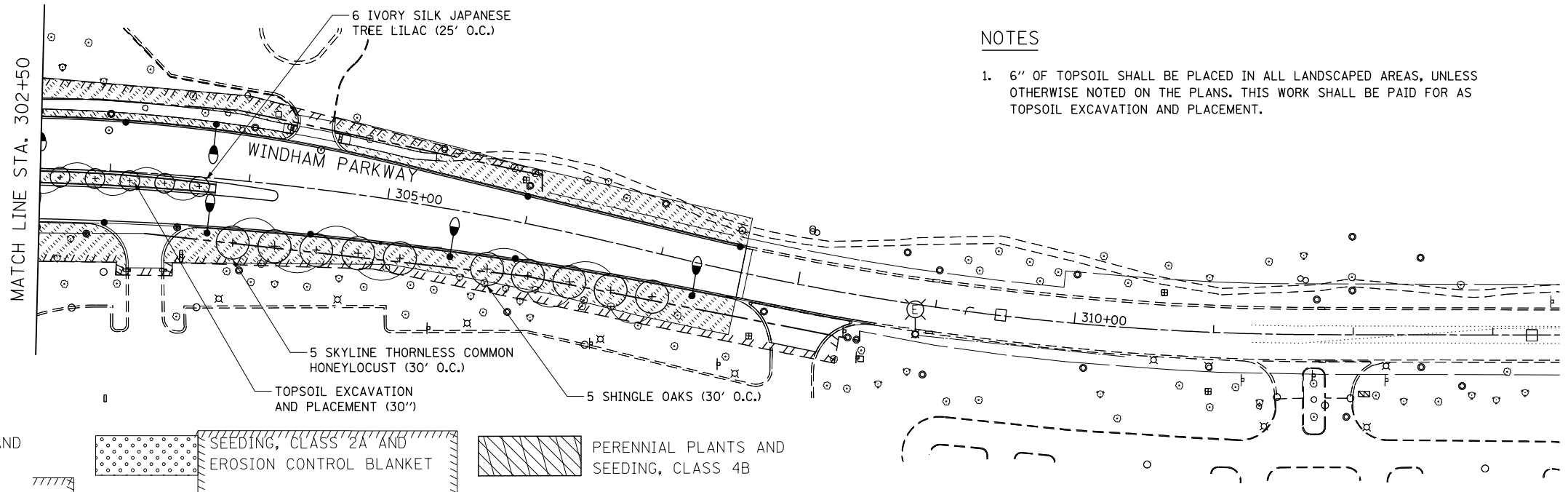
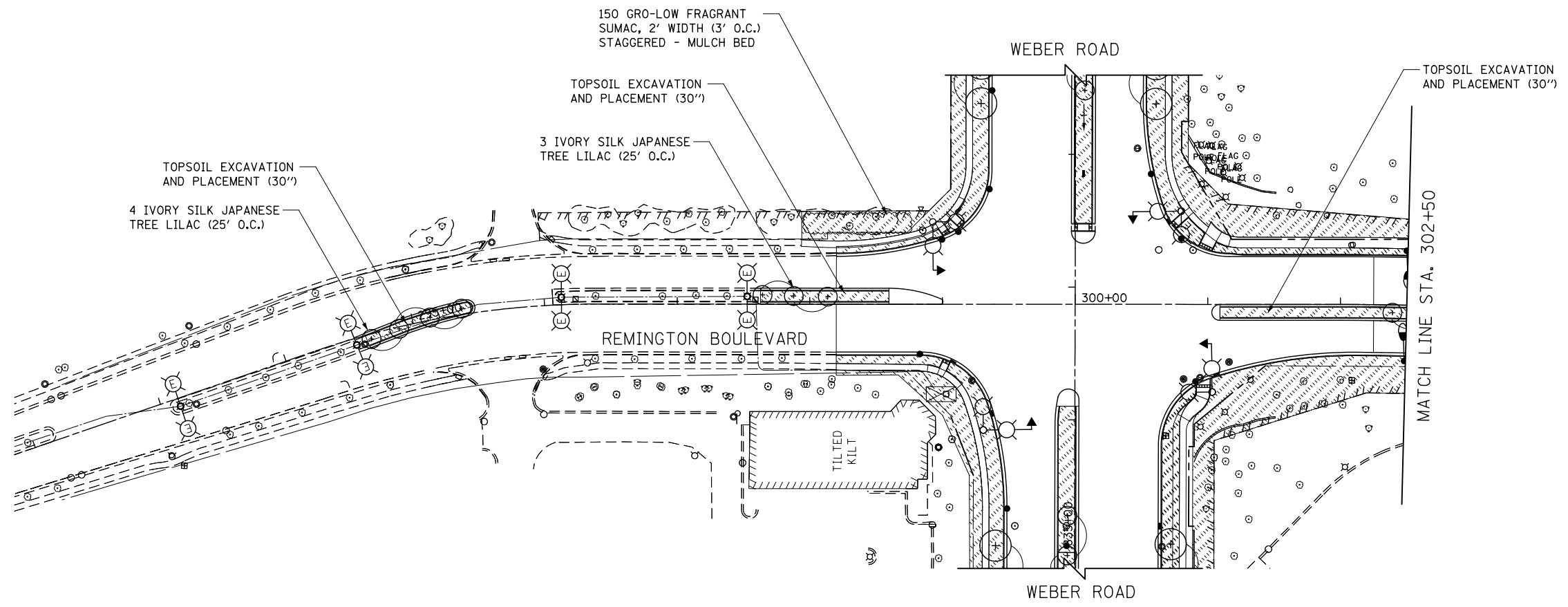
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DRAWN PAW	REVISIONS	REVISED -
PLOT SCALE = 1:100	CHECKED PJO	REVISED -
PLOT DATE = 6/15/2017	DATE 06/16/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE PLANS
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	918
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

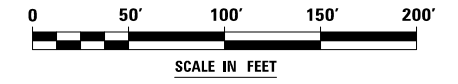


NOTES

1. 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

LEGEND

	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND



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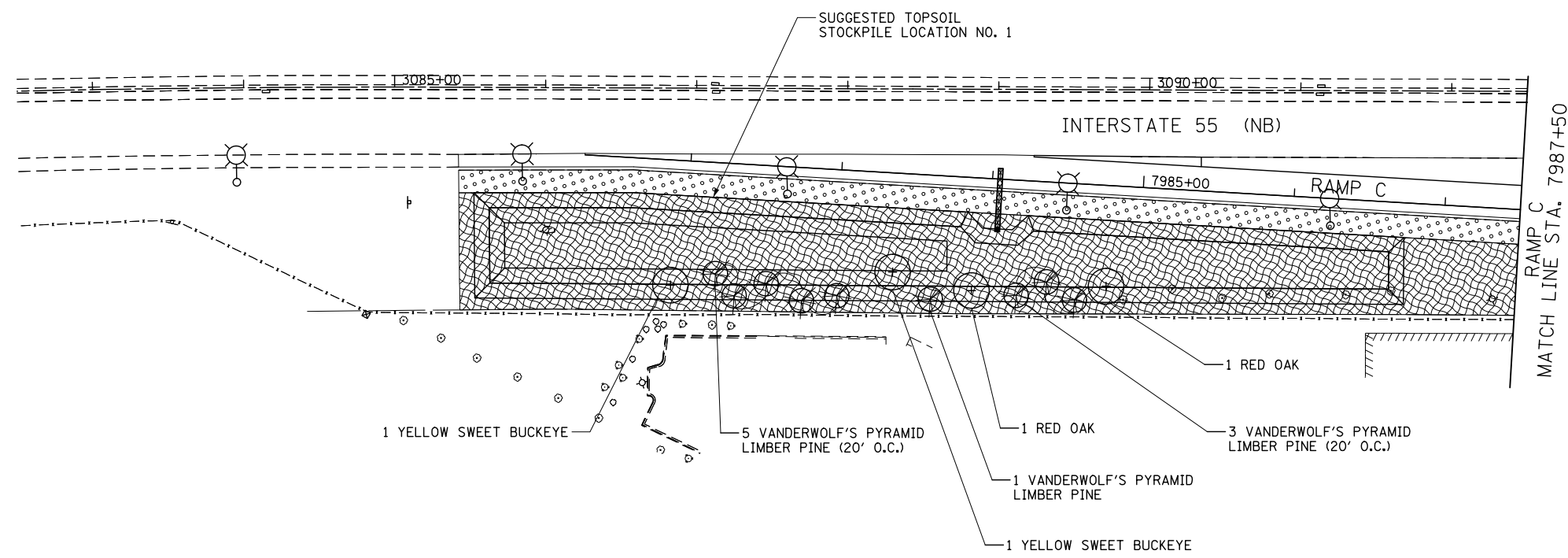
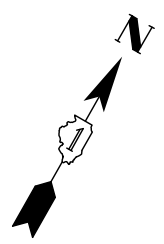


USER NAME = mmaestra	DESIGNED DGB	REVISED -
DRAWN PAW	REVISIONS	REVISED -
PLOT SCALE = 1:100	CHECKED PJO	REVISED -
PLOT DATE = 5/15/2017	DATE 05/12/17	REVISED -


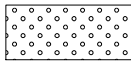
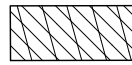
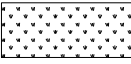
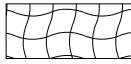


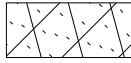

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PLANS	
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	919
			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

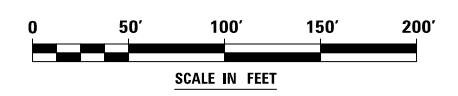


LEGEND

	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND

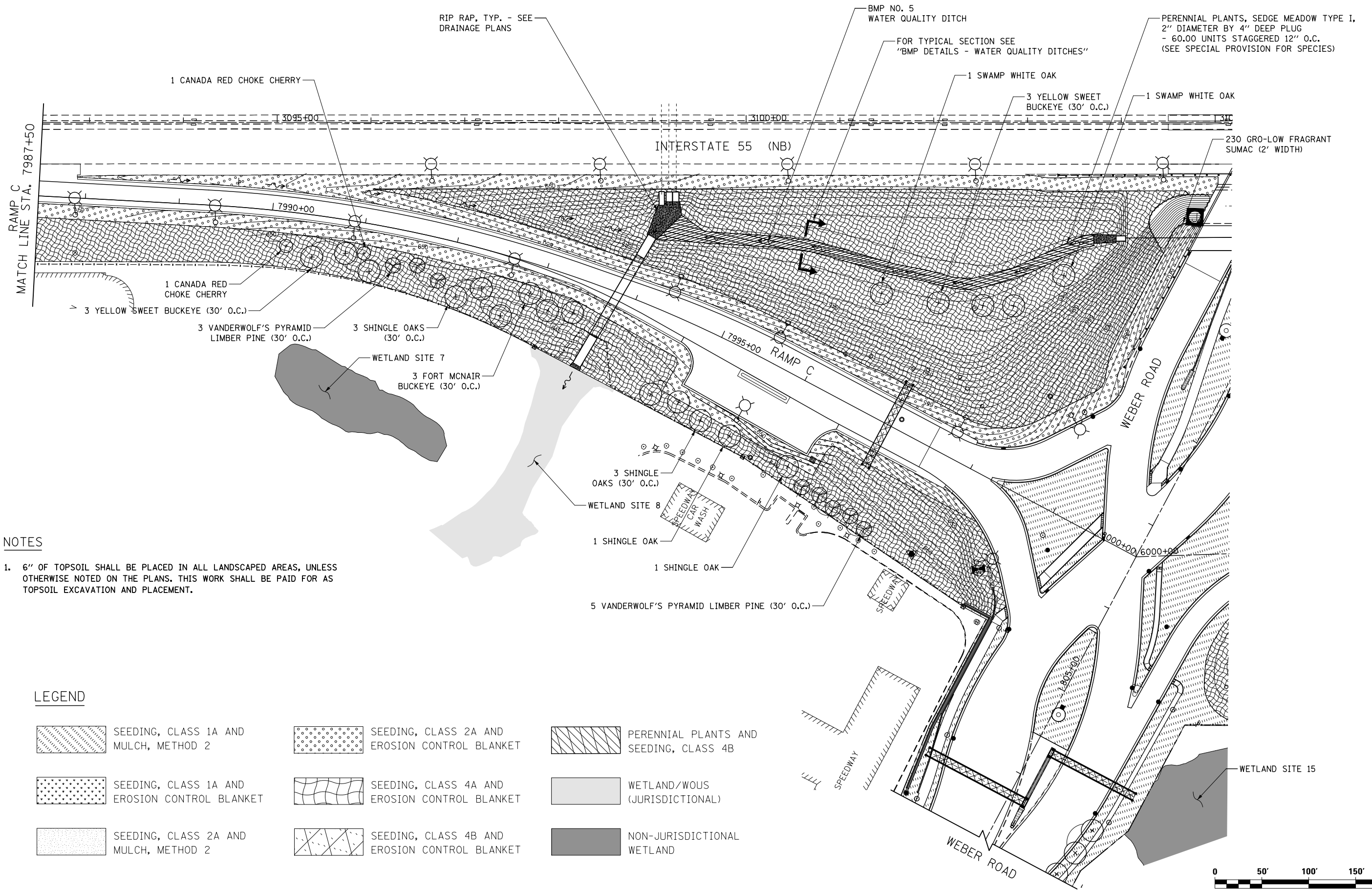
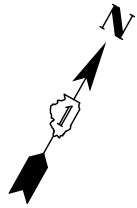
NOTES

- 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.



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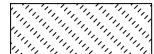
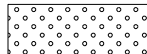
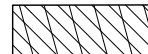






 Engineers & Architects	USER NAME = dbarnes	DESIGNED DGB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS RAMP C			F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1:100	DRAWN PAW	REVISED -		SCALE: AS SHOWN	SHEET NO. 9 OF 16 SHEETS	STA.	TO STA.	*	(99-1HB-1) R-1	WILL	1508	920
	PLOT DATE = 11/17/2017	CHECKED PJO	REVISED -										
	DATE 11/15/17	REVISED -						CONTRACT NO. 60X10					
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT													

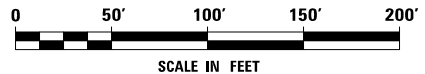


NOTES

1. 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

LEGEND

	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND



FILE NAME : D:\60X10-shr-Indecpl10.dgn



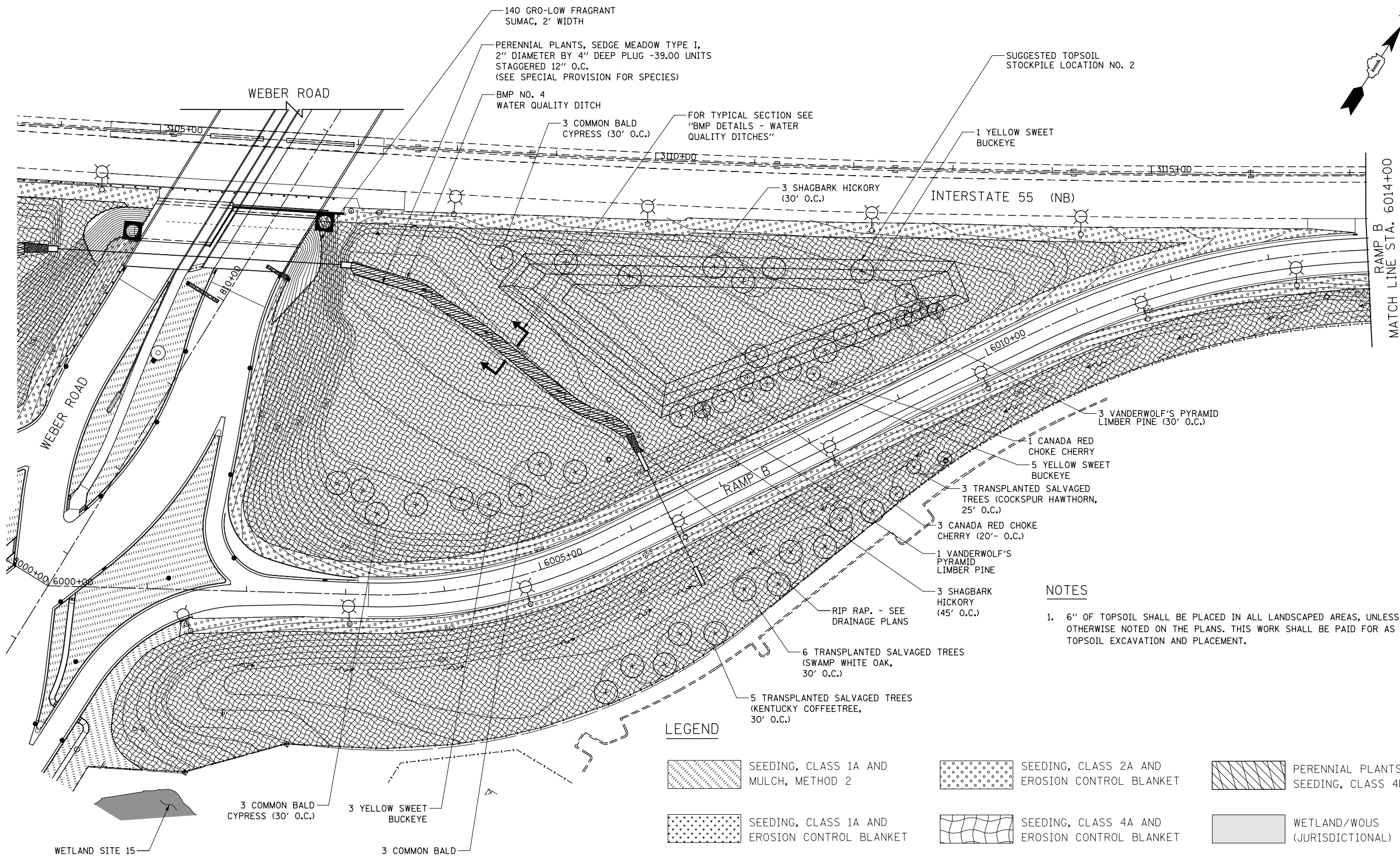
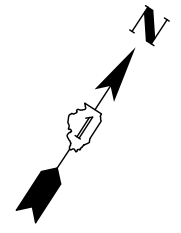
USER NAME = mmaestra	DESIGNED DGB	REVISED -
DRAWN PAW	REVISOR PAW	REVISED -
PLOT SCALE = 1:100	CHECKED PJO	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE AND BMP NO. 5 PLAN
RAMP 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	921
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	

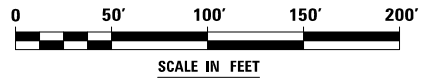


NOTES

1. 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

LEGEND

	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND



FILE NAME : D:\60X10-eh-t-Indecpl1.dgn



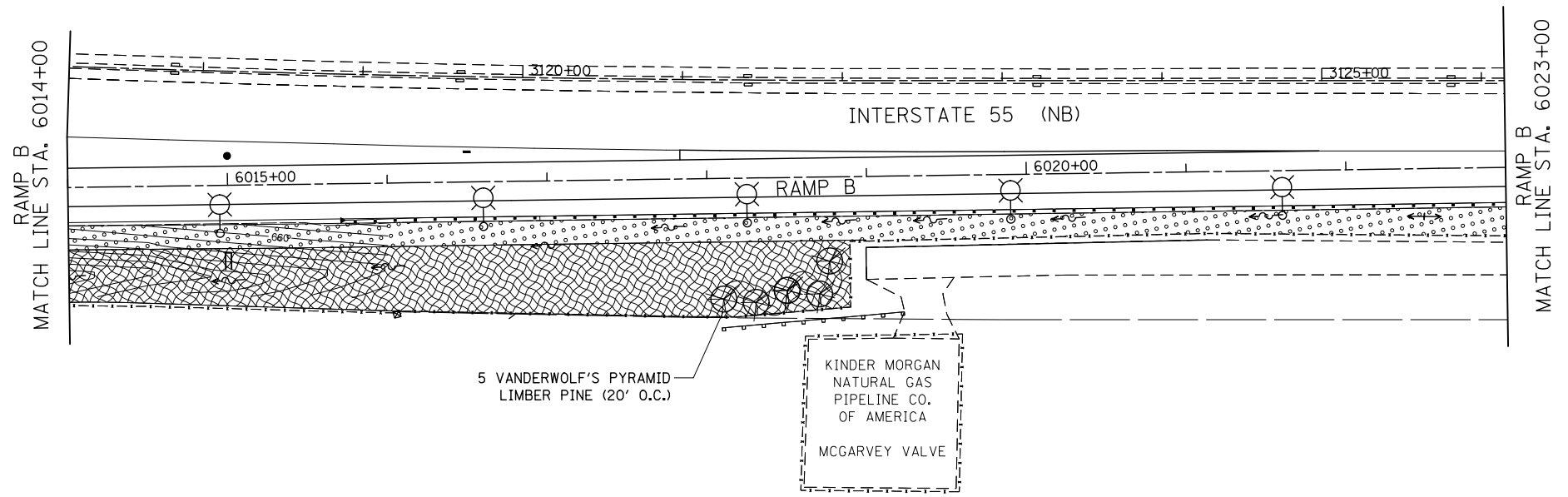
USER NAME : dbarnes	DESIGNED DGB	REVISED -
PLOT SCALE : 1:100	DRAWN PAW	REVISED -
PLOT DATE : 11/17/2017	CHECKED PJO	REVISED -
	DATE 11/15/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


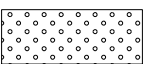

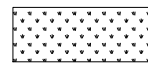


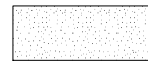


**LANDSCAPE AND BMP NO. 4 PLAN
RAMP B**

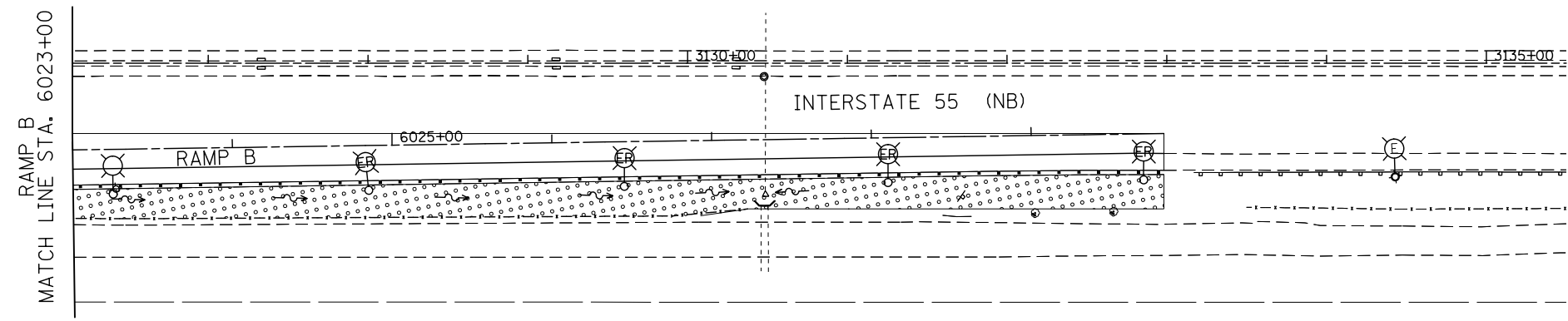
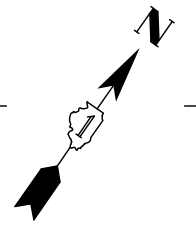
SCALE: AS SHOWN SHEET NO. 11 OF 16 SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	922
CONTRACT NO. 60X10			* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT	



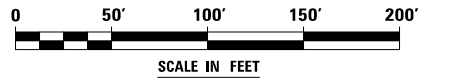
LEGEND

	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND



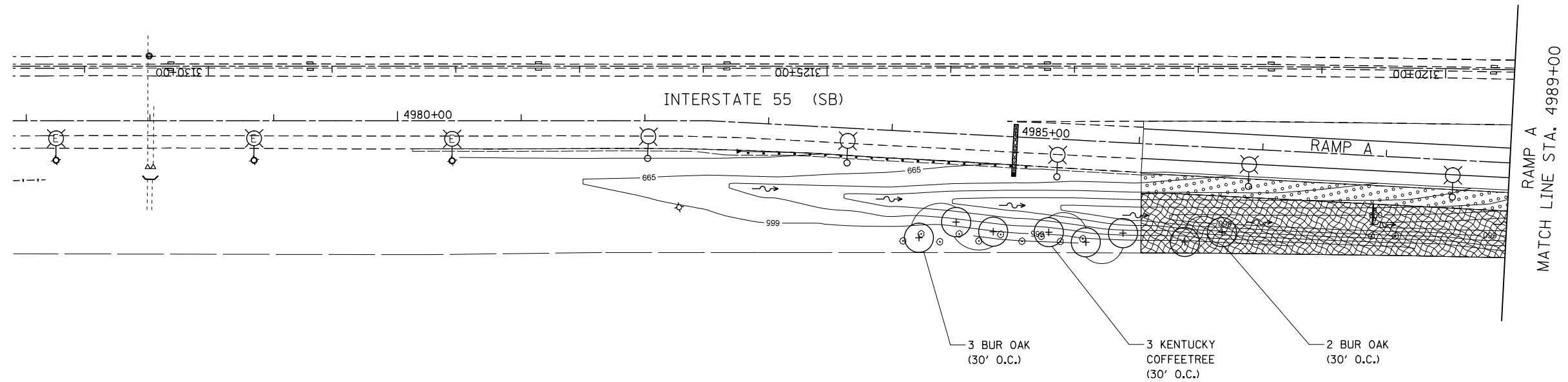
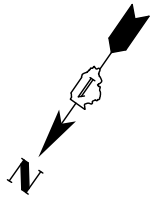
NOTES

- 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.



FILE NAME : D:\60X10-shr-1\ndecp12.dgn

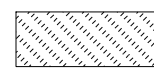
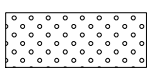
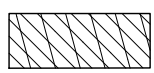
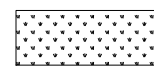
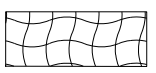
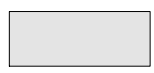



 KNIGHT Engineers & Architects	USER NAME = mmaestra	DESIGNED DGB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS RAMP B		F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:100	DRAWN PAW	REVISED -				*	(99-1HB-1) R-1	WILL	1508	923
PLOT DATE = 5/13/2017	CHECKED PJO	DATE 05/12/17	REVISED -	SCALE: AS SHOWN	SHEET NO. 12 OF 16 SHEETS	STA. TO STA.	* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

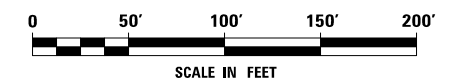


NOTES

- 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

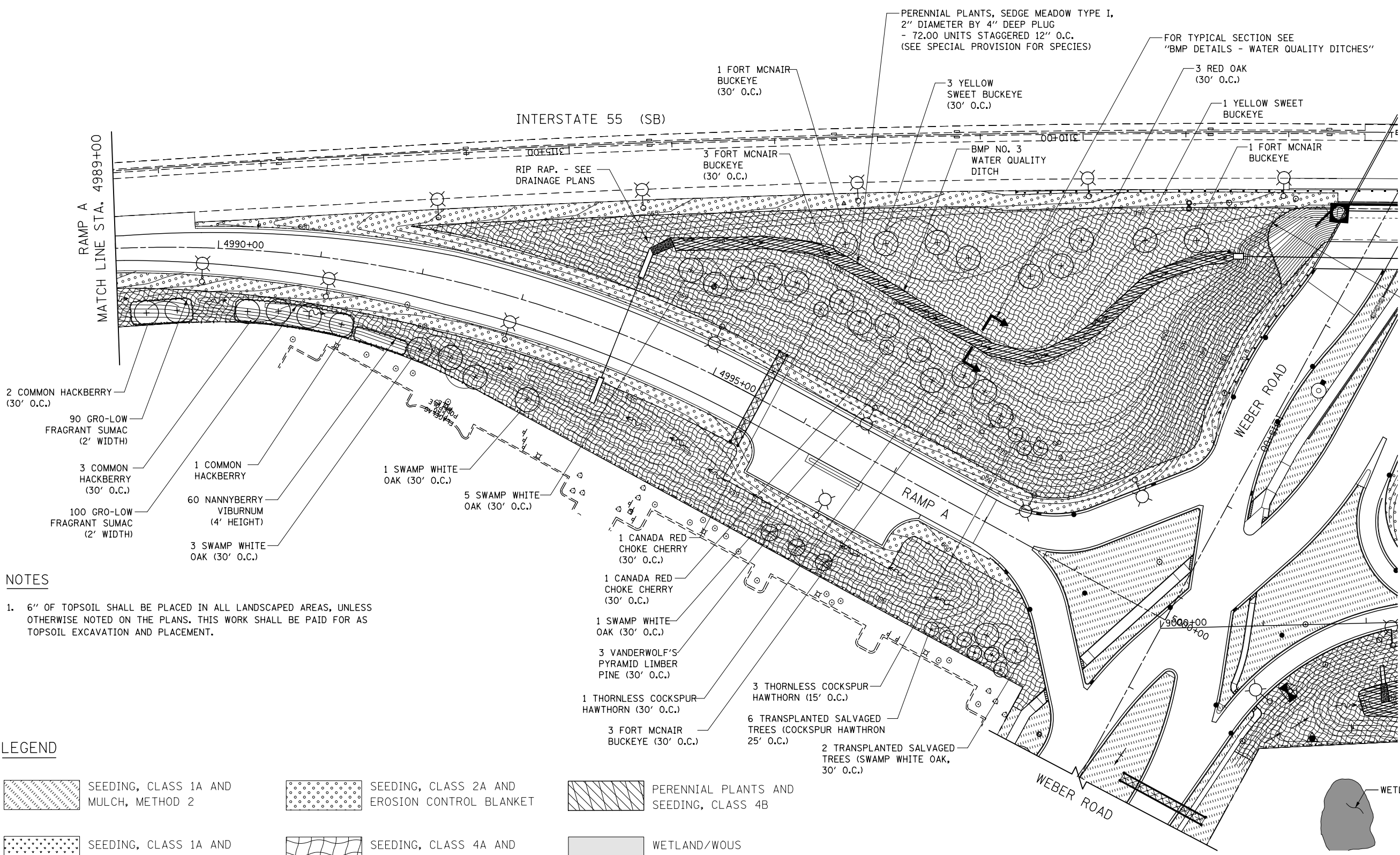
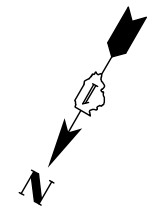
LEGEND

 SEEDING, CLASS 1A AND MULCH, METHOD 2	 SEEDING, CLASS 2A AND EROSION CONTROL BLANKET	 PERENNIAL PLANTS AND SEEDING, CLASS 4B
 SEEDING, CLASS 1A AND EROSION CONTROL BLANKET	 SEEDING, CLASS 4A AND EROSION CONTROL BLANKET	 WETLAND/WOUS (JURISDICTIONAL)
 SEEDING, CLASS 2A AND MULCH, METHOD 2	 SEEDING, CLASS 4B AND EROSION CONTROL BLANKET	 NON-JURISDICTIONAL WETLAND



FILE NAME = D:\60X10-ah-t-Indecpl3.dgn

 Engineers & Architects	USER NAME = mmaestra	DESIGNED DGB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS RAMP A			F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:100	DRAWN PAW	REVISED -		*	(99-1HB-1) R-1	WILL	1508	924			
PLOT DATE = 5/13/2017	CHECKED PJO	DATE 05/12/17	REVISED -		SCALE: AS SHOWN	SHEET NO. 13 OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 60X10			
								* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

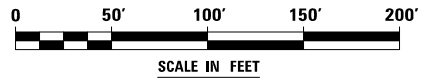


NOTES

1. 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

LEGEND

	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND



FILE NAME = D:\60X10-shr-landscpl4.dgn

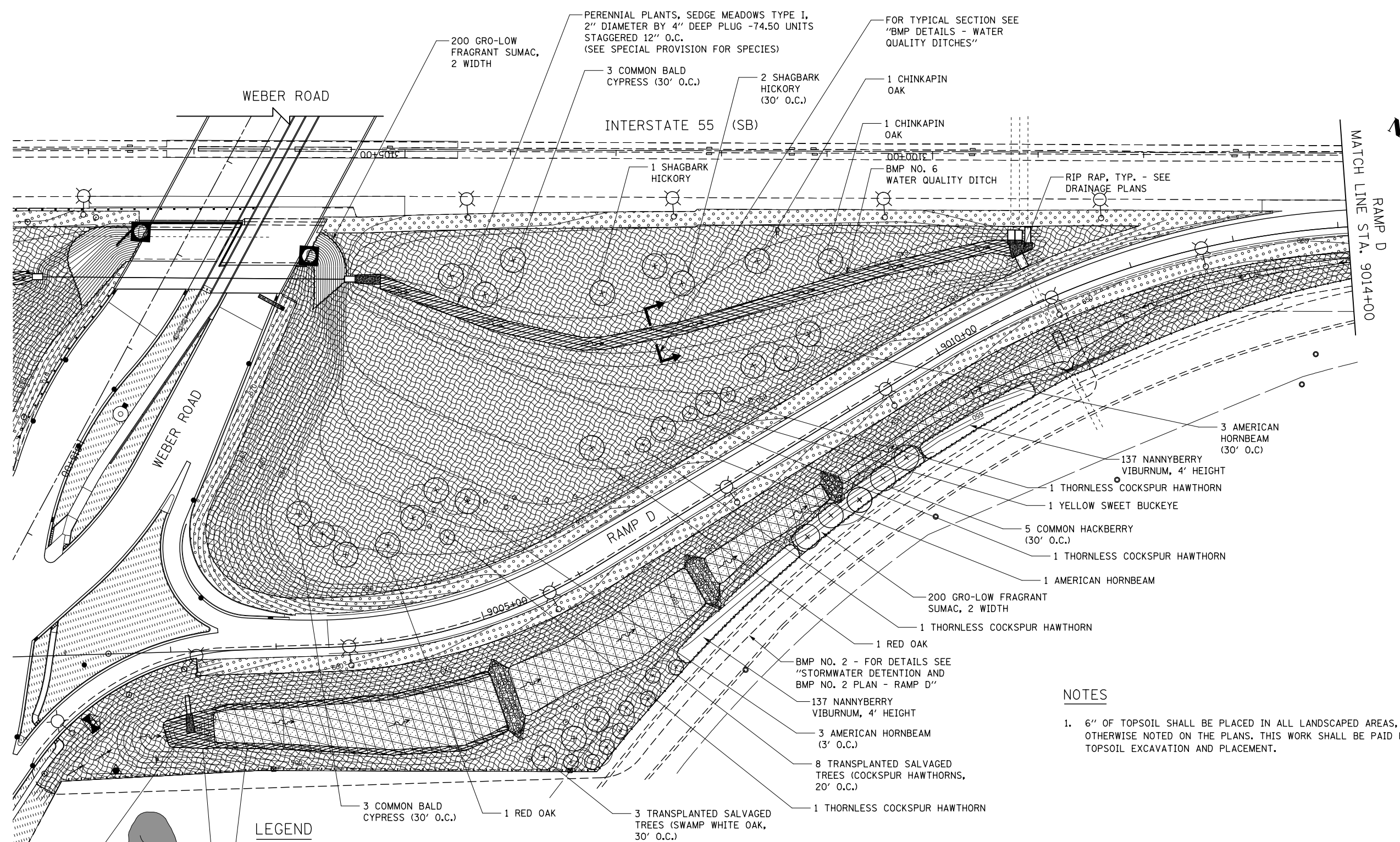


USER NAME = mmaestra	DESIGNED DGB	REVISED -
DRAWN PAW	REVISOR PAW	REVISED -
PLOT SCALE = 1:100	CHECKED PJO	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPE AND BMP NO. 3 PLANS RAMP A	
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	925
CONTRACT NO. 60X10			* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT	

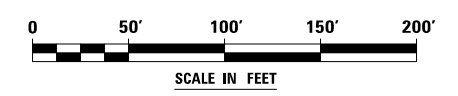


NOTES

- 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

LEGEND

PERENNIAL PLANTS, SEDGE MEADOW TYPE II - 1.50 UNITS STAGGERED 12" O.C. (SEE SPECIAL PROVISION FOR SPECIES)	SEEDING, CLASS 1A AND MULCH, METHOD 2	SEEDING, CLASS 2A AND EROSION CONTROL BLANKET	PERENNIAL PLANTS AND SEEDING, CLASS 4B
PERENNIAL PLANTS, SEDGE MEADOW TYPE I - 35.00 UNITS STAGGERED 12" O.C. (SEE SPECIAL PROVISION FOR SPECIES)	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET	SEEDING, CLASS 4A AND EROSION CONTROL BLANKET	WETLAND/WOUS (JURISDICTIONAL)
WETLAND SITE 16	SEEDING, CLASS 2A AND MULCH, METHOD 2	SEEDING, CLASS 4B AND EROSION CONTROL BLANKET	NON-JURISDICTIONAL WETLAND



FILE NAME = D:\60X10-eh-t-Indep\15.dgn



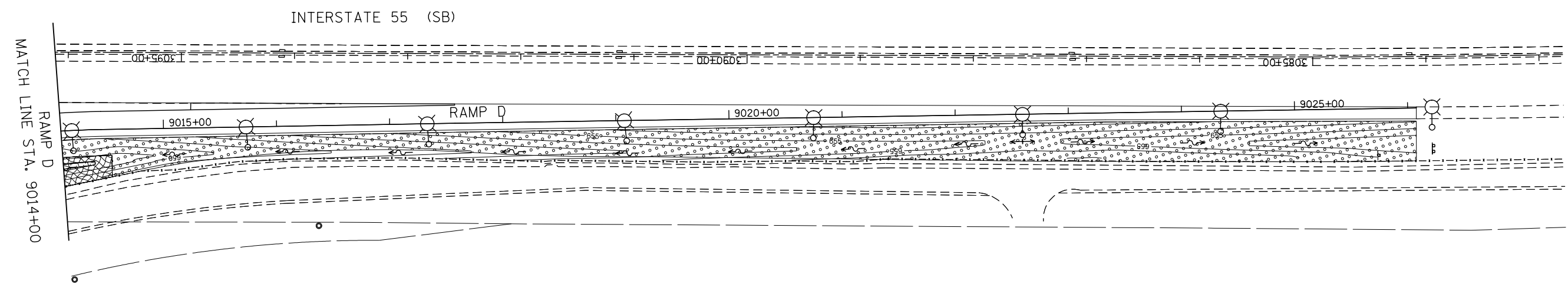
USER NAME = mmaestra	DESIGNED DGB	REVISED -
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PLLOT DATE = 5/13/2017	CHECKED PJO	REVISED -
	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPE AND BMP NO. 2 & 6 PLAN
RAMP D**

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

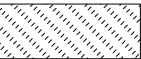
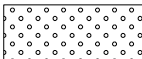
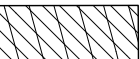


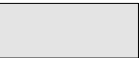


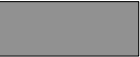
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60X10	

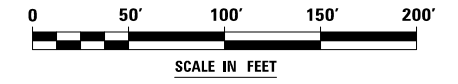


NOTES

1. 6" OF TOPSOIL SHALL BE PLACED IN ALL LANDSCAPED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS. THIS WORK SHALL BE PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.

LEGEND

























	SEEDING, CLASS 1A AND MULCH, METHOD 2		SEEDING, CLASS 2A AND EROSION CONTROL BLANKET		PERENNIAL PLANTS AND SEEDING, CLASS 4B
	SEEDING, CLASS 1A AND EROSION CONTROL BLANKET		SEEDING, CLASS 4A AND EROSION CONTROL BLANKET		WETLAND/WOUS (JURISDICTIONAL)
	SEEDING, CLASS 2A AND MULCH, METHOD 2		SEEDING, CLASS 4B AND EROSION CONTROL BLANKET		NON-JURISDICTIONAL WETLAND










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PLOT DATE = 5/13/2017	DATE 05/12/17	DATE 05/12/17	REVISED -		* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT						

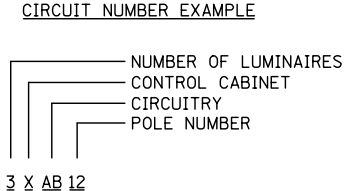
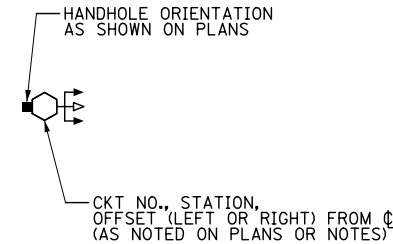
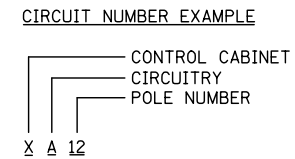
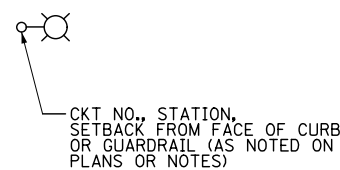
SYMBOL LIST

-  PROPOSED LIGHT POLE WITH LUMINAIRE, LED, TYPE C,, 240V, 47.5' M.H. AND 15' DAVIT ARM WITH LIGHT POLE FOUNDATION, 24" DIAMETER AND BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE.
-  EXISTING LIGHT POLE TO REMAIN
-  EXISTING LIGHT POLE RE-INSTALLED ON NEW FOUNDATION (IDOT) INCLUDED IN "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
-  EXISTING LIGHT POLE RE-INSTALLED ON NEW FOUNDATION (NON-IDOT) INCLUDED IN "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM OR "RELOCATE EXISTING LIGHTING UNIT" PAY ITEM, AS SPECIFIED ON PLANS
-  REMOVAL OF LIGHTING UNIT, SALVAGE. LETTER SHALL SIGNIFY WHO'S PROPERTY THE REMOVED POLE SHALL REMAIN: "R" - ROMEOVILLE, "B" - BOLINGBROOK, NO LETTER - IDOT.
-  EXISTING LIGHT POLE TO BE REMOVED AND RELOCATED ON NEW FOUNDATION INCLUDED IN "RELOCATE EXISTING LIGHTING UNIT" PAY ITEM OR "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM, AS SHOWN ON THE PLANS.
-  LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FOOT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V, 47.5' M.H., TYPE MCIII, UNLESS NOTED OTHERWISE
-  LIGHT POLE, WOOD, 90 FOOT, CLASS 4, WITH 15 FOOT MAST ARMS AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT, 240V. NUMBER OF ARMS AND LUMINAIRES AS SHOWN ON PLANS LUMINAIRE SHALL BE 70' M.H., TYPE MCIII.
-  REMOVAL OF TEMPORARY LIGHTING UNIT, NO SALVAGE.
-  PROPOSED COMBINATION LIGHTING - TRAFFIC SIGNAL POLE. LUMINAIRE AND ASSOCIATED ARM AND WIRING AS NOTED ON TRAFFIC SIGNAL PLANS AND ON COMBINATION LIGHTING PLANS.
-  PROPOSED HIGH MAST LIGHT TOWER, 120' M.H., 240V LUMINAIRE, LED, HIGH MAST HORIZONTAL MOUNT, AND LIGHT TOWER SERVICE PAD. NUMBER OF LUMINAIRES AS SHOWN ON PLANS
-  EXISTING HIGH MAST LIGHT TOWER TO REMAIN
-  REMOVAL OF LIGHT TOWER AND REMOVAL OF TOWER FOUNDATION. SALVAGE LUMINAIRES.
-  LUMINAIRE, UNDERPASS, LED, TYPE B, 240V.
-  EXISTING UNDERPASS LUMINAIRE TO BE REMOVED
-  PROPOSED LIGHTING JUNCTION BOX. TYPE AND SIZE AS NOTED
-  PROPOSED LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA
-  PROPOSED LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP
-  EXISTING LIGHTING CONTROLLER TO BE REMOVED, NO SALVAGE
-  EXISTING LIGHTING CONTROLLER TO BE RELOCATED, INCLUDED IN "REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER" PAY ITEM
-  RELOCATED LIGHTING CONTROLLER INCLUDED IN "REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER" PAY ITEM
-  TEMPORARY LIGHTING CONTROLLER, 480V, AMPERAGE AS NOTED ON PLANS
-  EXISTING LIGHTING CONTROLLER TO REMAIN
-  TEMPORARY WOOD POLE, 60', CLASS 4, UNLESS OTHERWISE NOTED

SYMBOL LIST (CONTINUATION)

-  GROUND ROD
-  UTILITY TRANSFORMER
-  PROPOSED UNIT DUCT. NO. AND SIZE OF WIRES AS NOTED ON PLANS
-  EXISTING WIRING
-  WIRING IN CONDUIT ATTACHED TO STRUCTURE
-  TEMPORARY AERIAL CABLE. NO. AND SIZE OF WIRES AS NOTED ON PLANS
-  PROPOSED RGS CONDUIT WITH UNIT DUCT. CONDUIT DIAMETER AND LENGTH AS SHOWN ON PLANS.

CALL-OUT DESCRIPTIONS



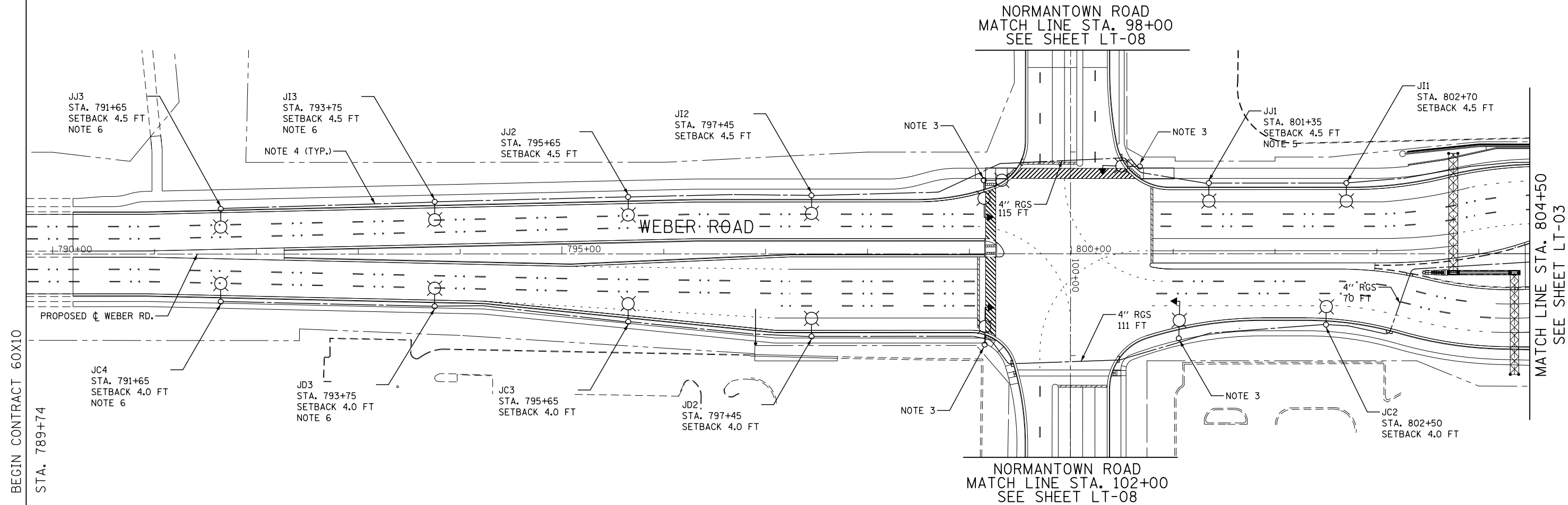
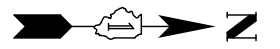
ABBREVIATIONS

A	AMPS
DIA	DIAMETER
C	CONDUIT
GND	GROUND
FT	FEET
HPS	HIGH PRESSURE SODIUM
IDOT	ILLINOIS DEPARTMENT OF TRANSPORTATION
LT	LEFT
MC	MEDIUM CUTOFF
P	PUSHED
PC	PHOTO CONTROL
PH	PHASE
PVC	POLYVINYL CHLORIDE
RGS	RIGID GALVANIZED STEEL
RT	RIGHT
STA	STATION
UNO	UNLESS NOTED OTHERWISE
V	VOLTS
W	WATTS

GENERAL NOTES

1. SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
2. LIGHTING CIRCUITS SHALL BE WIRED IN ACCORDANCE WITH THE PLANS. DEVIATIONS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
3. THE CONTRACTOR SHALL REQUEST A FORMAL MAINTENANCE TRANSFER BEFORE ANY WORK BEGINS. THE CONTRACTOR SHALL CONTACT THE ILLINOIS DEPARTMENT OF TRANSPORTATION AT (708) 524-2145, ROMEOVILLE PUBLIC WORKS DEPARTMENT AT (815) 886-1870, AND BOLINGBROOK PUBLIC SERVICES & DEVELOPMENT DEPARTMENT AT (630) 226-8805.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING (DECORATIVE ROCKS, PLANTS, ETC.) EXISTING TO REMAIN OR NEW AT NO ADDITIONAL COST TO THE CLIENT.
5. ALL WORK SHALL CONFORM TO THE LATEST IDOT AND IDOT DISTRICT 1 STANDARDS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, AND THE NATIONAL ELECTRICAL SAFETY CODE.
6. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED AND LABELED.
7. ALL CONDUITS SHALL BE SEALED.
8. ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFICATION.
9. ALL LAMPS SHALL BE FURNISHED AS PART OF THE CONTRACT.
10. CIRCUITS SHALL BE TESTED PER SPECIFICATIONS.
11. THE LOCATIONS OF ALL PROPOSED EQUIPMENT ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET THE APPROVAL OF THE ENGINEER.
12. THE CONTRACTOR MUST MAINTAIN SAFE EQUIPMENT AND WORKING CLEARANCES FROM THE EXISTING COMED OVERHEAD ELECTRIC LINES. THE CONTRACTOR SHALL PLAN HIS WORK CONSIDERING COMED'S LINES TO BE IN SERVICE AND ENERGIZED THROUGHOUT THE CONSTRUCTION PERIOD.
13. THE COST OF SPLICING TEMPORARY CONDUCTORS TO EXISTING CONDUCTORS IN EXISTING POLES SHALL BE INCLUDED IN THE PAY ITEM FOR AERIAL CABLE.
14. GROUNDING CONDUCTORS SHALL BE CONTINUOUS.
15. ALL NEW UNIT DUCTS AND CONDUITS SHALL BE PLACED A MINIMUM OF 30" BENEATH THE FINISHED GRADE.
16. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED WITH A 7 FT. DEPTH, UNLESS OTHERWISE NOTED ON PLANS. LIGHT TOWER FOUNDATIONS SHALL BE INSTALLED WITH A DEPTH AS SHOWN ON PLANS. PROPOSED POLE AND TOWER FOUNDATION DEPTH ARE BASED ON AVAILABLE SOIL BORING DATA. IF SOIL CONDITIONS AT FOUNDATION LOCATIONS VARY FROM REPORT DATA, CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE DEPTH SHALL BE REVISED IN ACORDANCE WITH SECTION 516 OF STANDARD SPECIFICATIONS AND IDOT DISTRICT 1 STANDARD DRAWINGS BE-301 AND BE-506.
17. REMOVAL OF AN EXISTING LIGHTING UNIT FOR SALVAGE OR FOR RELOCATION SHALL ALWAYS BE FOLLOWED BY THE REMOVAL OF POLE FOUNDATION.
18. FOR IDOT LIGHTING SERVICE, CONTACT COMED - JOSE LEPE, PH: (815) 724-5569. FOR BOLINGBROOK LIGHTING SERVICE, CONTACT COMED - SHEENA WILLIAMS, PH: (630) 958-4004.

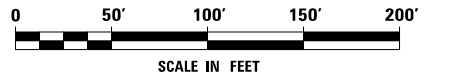
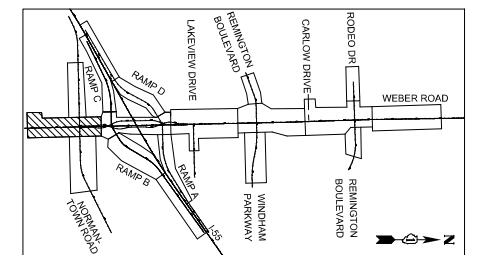
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BEGIN CONTRACT 60X10
STA. 789+74

MATCH LINE STA. 804+50
SEE SHEET LT-03

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF CURB TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
 - COMBINATION TRAFFIC SIGNAL POLES AND LUMINAIRE ARM SHALL BE INSTALLED UNDER TRAFFIC SIGNAL CONTROL WORK. SEE TRAFFIC SIGNAL PLANS FOR EXACT COMBINATION POLE LOCATIONS AND SHEET LT-17 FOR MORE DETAILS. COMBINATION LIGHTING WILL BE MAINTAINED BY IDOT.
 - UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
 - LIGHT POLE FOUNDATION, 24" DIA., OFFSET. USE PILE OFFSET 5'-6", AND CAISON SHALL BE ORIENTED TOWARD THE ROAD.
 - THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".



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KNIGHT
Engineers & Architects

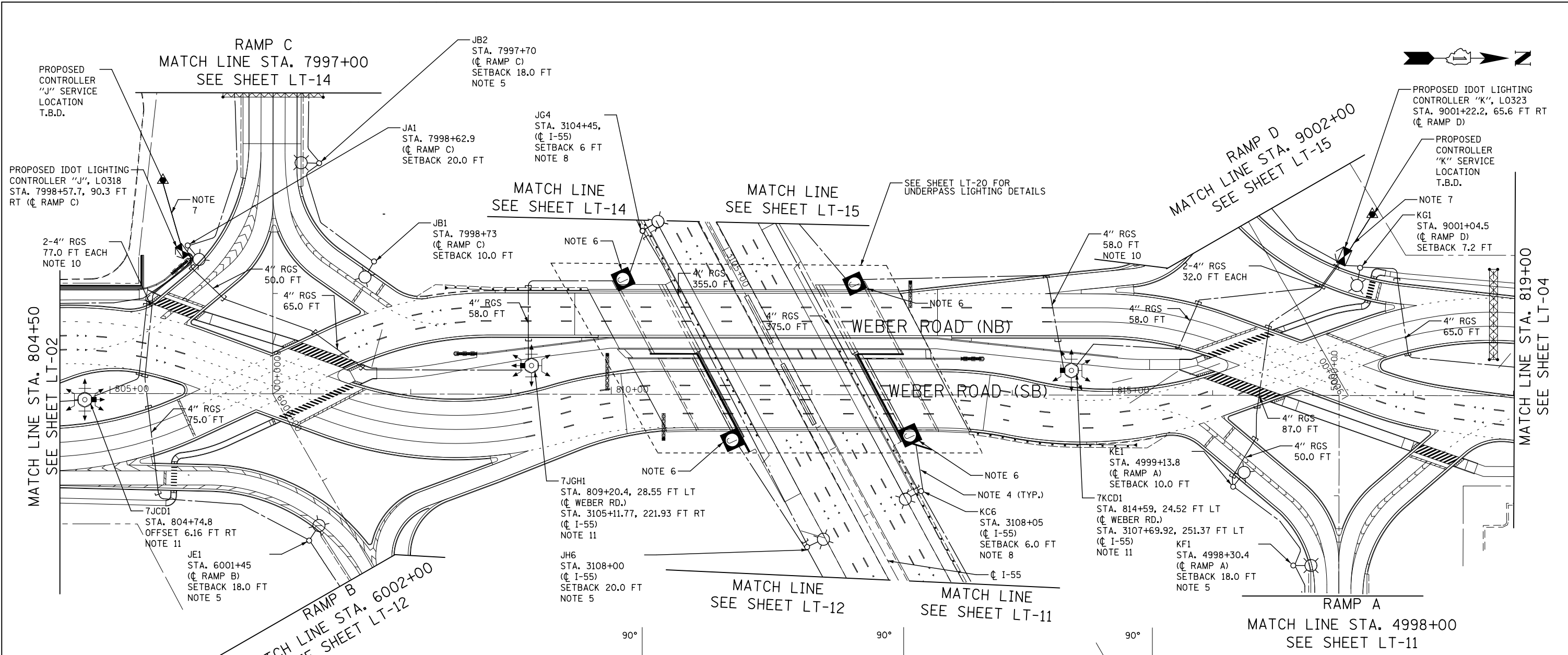
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PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED LIGHTING PLAN
WEBER ROAD**

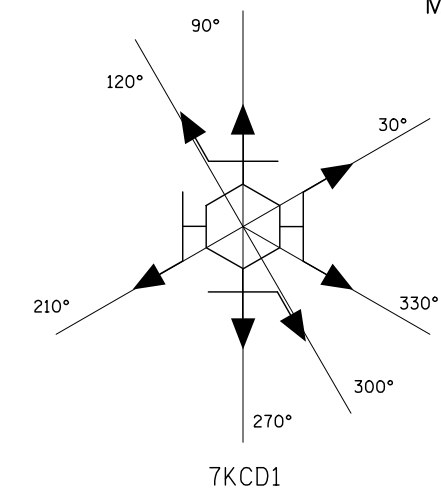
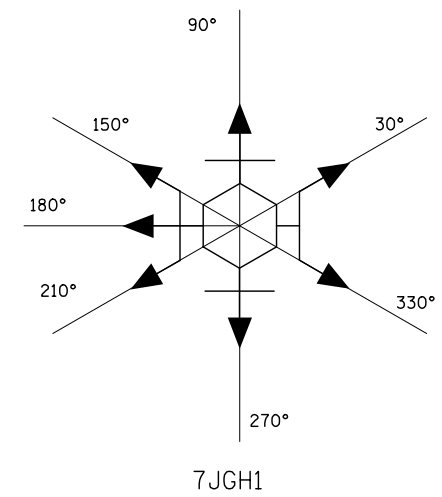
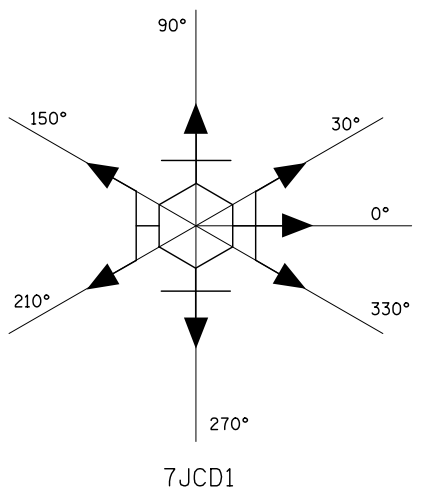
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LT-02			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



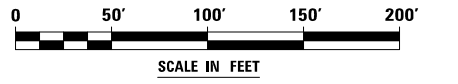
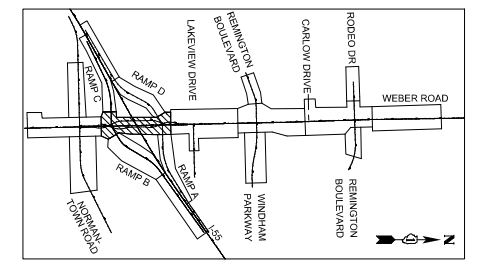
NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF CURB TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
3. OFFSET IS MEASURED FROM THE SPECIFIED CL OR CL TO THE CENTER OF POLE.
4. UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
5. POLE SETBACK IS MEASURED FROM THE EDGE OF TRAVELLED PAVEMENT TO THE CENTER OF LIGHT POLE BASE.
6. JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 8".
7. (3) 1/C NO. 350 MCM, IN UNDERGROUND CONDUIT, 4" DIA. RGS.
8. POLE SETBACK IS MEASURED FROM THE EDGE OF PAVED SHOULDER TO THE CENTER OF LIGHT POLE BASE.
9. HIGH MAST LUMINAIRES SHALL BE ROTATED WITH 30° INCREMENTS. NORTH DIRECTION SHALL BE CONSIDERED AS 0° ANGLE. SEE DETAILS ON THIS SHEET.
10. COORDINATE CONDUIT INSTALLATION WITH GUARDRAIL INSTALLATION.



TOWER LUMINAIRE ORIENTATION DETAILS

11. LIGHT TOWER FOUNDATIONS SHALL HAVE A DEPTH OF 15 FT.
12. LIGHTING CONTRACTOR SHALL COORDINATE WORK WITH ITS CONTRACTOR TO ENSURE THE FIBER OPTIC CONNECTION TO THE CONTROLLER IS MADE. SEE IDOT D1 STANDARD DETAIL BE-205.

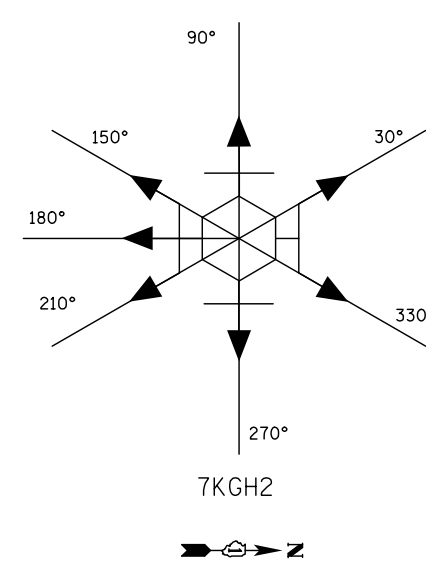
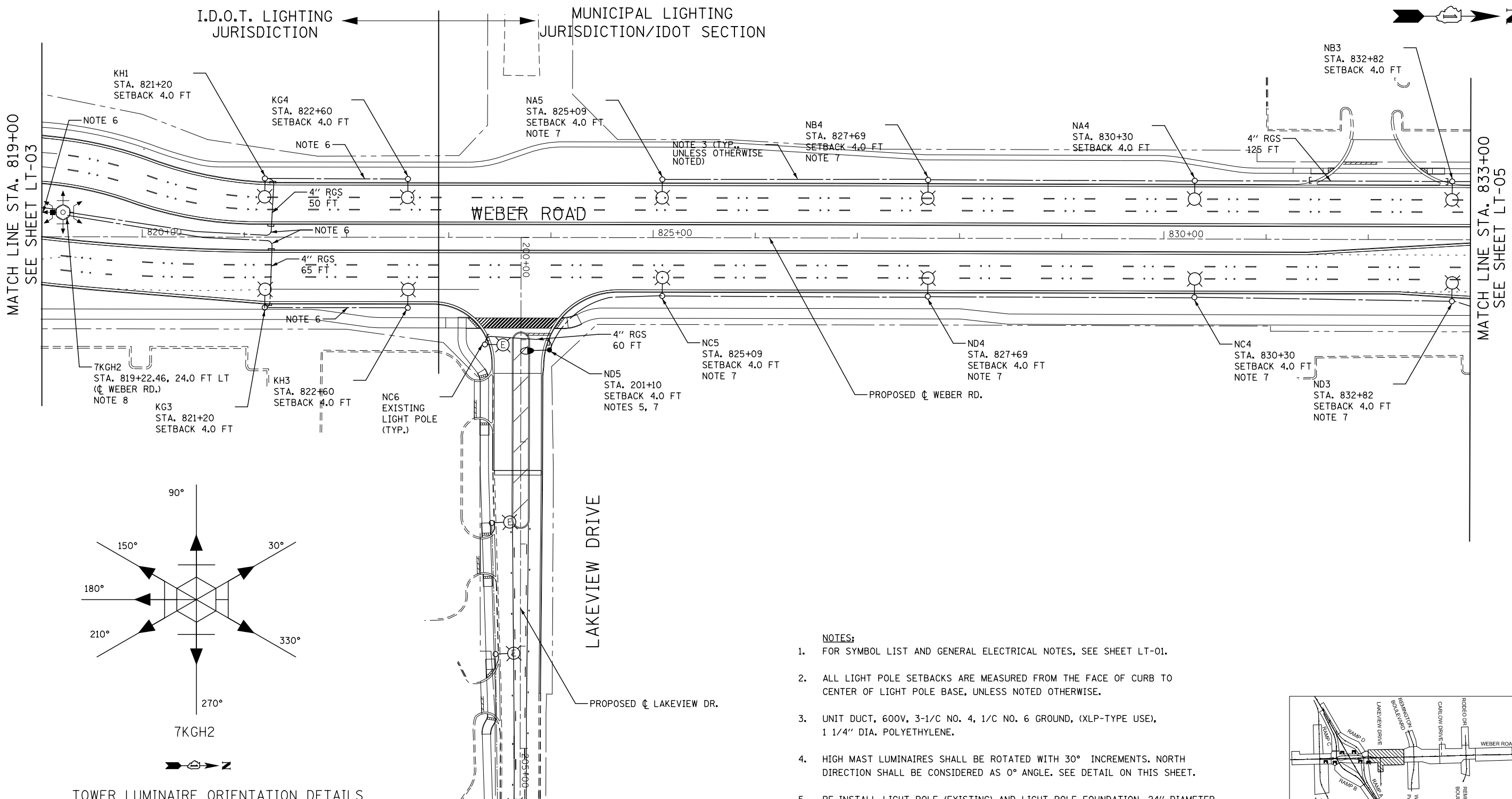


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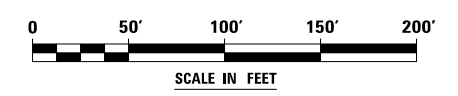
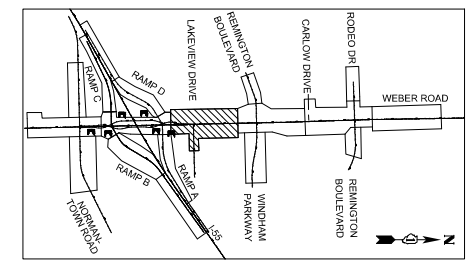
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* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT



TOWER LUMINAIRE ORIENTATION DETAILS
NOTE 4

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF CURB TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
 - UNIT DUCT, 600V, 3-1/C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE.
 - HIGH MAST LUMINAIRE SHALL BE ROTATED WITH 30° INCREMENTS. NORTH DIRECTION SHALL BE CONSIDERED AS 0° ANGLE. SEE DETAIL ON THIS SHEET.
 - RE-INSTALL LIGHT POLE (EXISTING) AND LIGHT POLE FOUNDATION, 24" DIAMETER. CONTRACTOR SHALL FIELD VERIFY THE BOLT CIRCLE OF THE EXISTING POLE AND MATCH THE BOLTS LOCATION ON NEW FOUNDATION. RE-INSTALLATION OF LIGHT POLE SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
 - UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
 - THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".
 - LIGHT TOWER FOUNDATIONS SHALL HAVE A DEPTH OF 15 FT.



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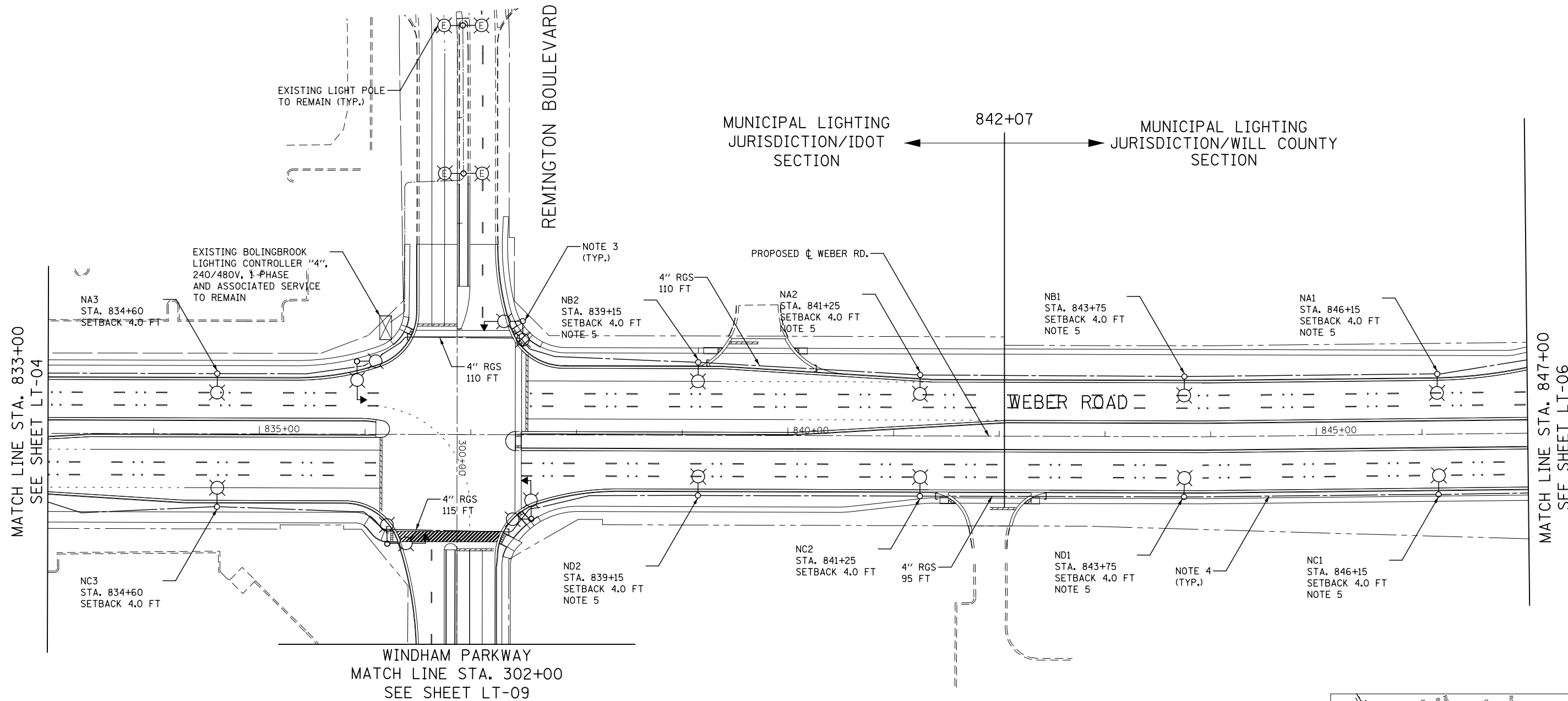
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	PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
WEBER ROAD**

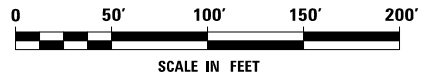
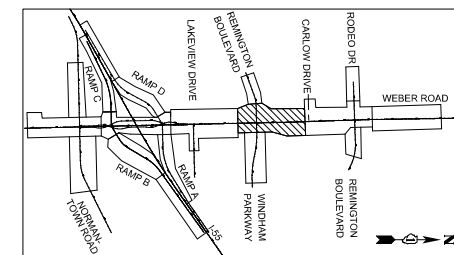
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F.A.I./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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LT-04			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF CURB TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
3. COMBINATION TRAFFIC SIGNAL POLES SHALL BE INSTALLED UNDER TRAFFIC SIGNAL CONTROL WORK. SEE TRAFFIC SIGNAL PLANS FOR EXACT COMBINATION POLE LOCATIONS AND SHEET LT-18 FOR MORE DETAILS. COMBINATION LIGHTING WILL BE MAINTAINED BY VILLAGE OF BOLINGBROOK.
4. UNIT DUCT, 600V, 3-1/C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE.
5. THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".



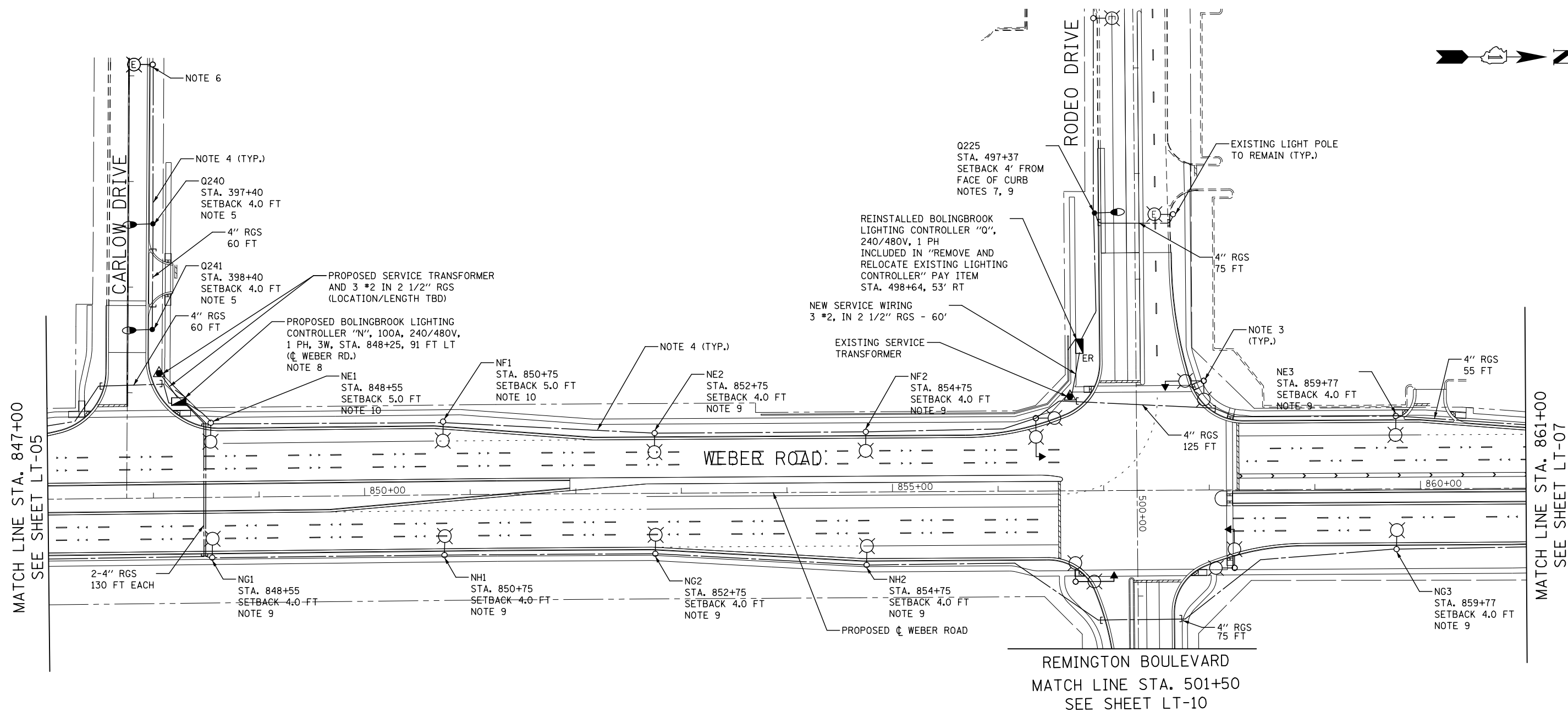
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

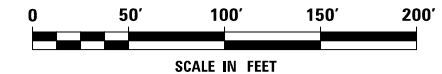
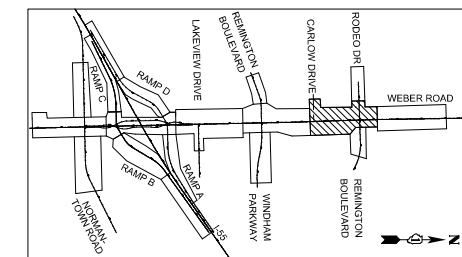
PROPOSED LIGHTING PLAN WEBER ROAD			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	932
LT-05			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF CURB TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
3. COMBINATION TRAFFIC SIGNAL POLES SHALL BE INSTALLED UNDER TRAFFIC SIGNAL CONTROL WORK. SEE TRAFFIC SIGNAL PLANS FOR EXACT COMBINATION POLE LOCATIONS AND SHT LT-19 FOR MORE DETAILS. COMBINATION LIGHTING WILL BE MAINTAINED BY VILLAGE OF BOLINGBROOK.
4. UNIT DUCT, 600V, 3-1/C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE.
5. RE-INSTALL LIGHT POLE (EXISTING) AND LIGHT POLE FOUNDATION, 24" DIAMETER. CONTRACTOR SHALL FIELD VERIFY THE BOLT CIRCLE OF THE EXISTING POLE AND MATCH THE BOLTS LOCATION ON NEW FOUNDATION. RE-INSTALLATION OF LIGHT POLE SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
6. INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND CONTINUE CIRCUIT TO REINSTALLED LIGHT POLE.
7. RELOCATED LIGHT POLE AND LIGHT POLE FOUNDATION, 24" DIAMETER. CONTRACTOR SHALL FIELD VERIFY THE BOLT CIRCLE OF THE EXISTING POLE AND MATCH THE BOLTS LOCATION ON NEW FOUNDATION. SEE PRESTAGE PLANS FOR EXISTING POLE TO BE RELOCATED. RELOCATED LIGHT POLE SHALL BE PAID FOR AS PART OF "RELOCATE EXISTING LIGHTING UNIT" PAY ITEM.
8. LIGHTING CONTROLLER FOUNDATION SHALL BE INCLUDED IN LIGHTING CONTROLLER PAY ITEM, NO ADDITIONAL PAYMENT WILL BE MADE. SEE DETAIL ON SHEET LT-53.
9. THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".
10. PROVIDE LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET. USE PILE OFFSET 5'-6", AND CAISSON SHALL BE ORIENTED TOWARD THE SIDEWALK.



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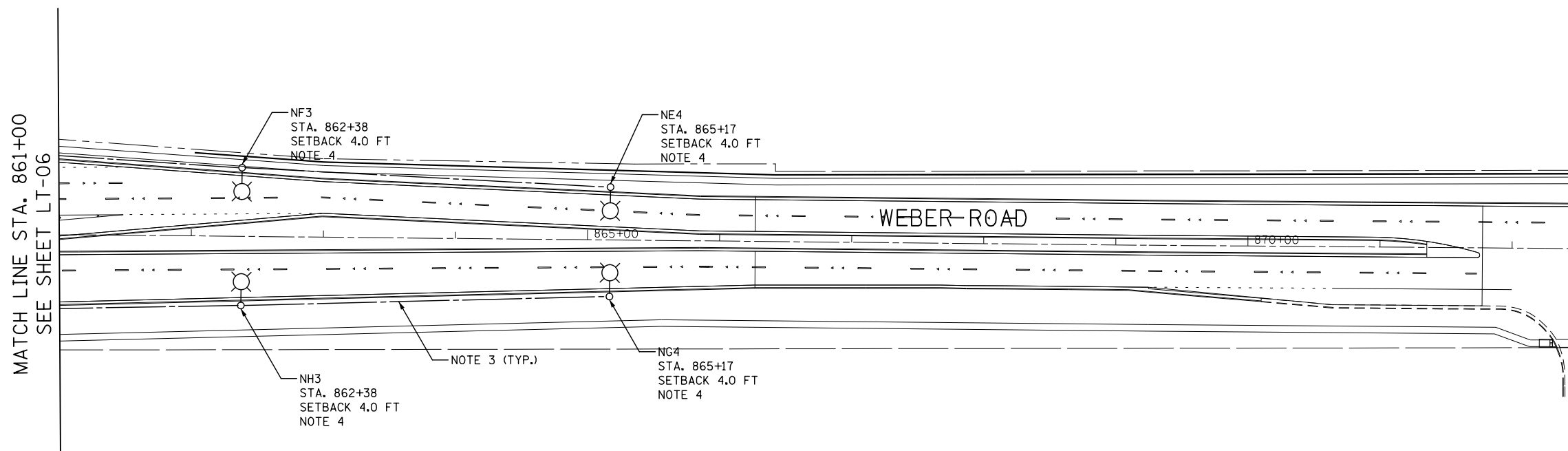
KNIGHT Engineers & Architects	USER NAME : dbarnes	DESIGNED MLB	REVISED -
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	PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
WEBER ROAD**

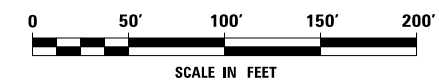
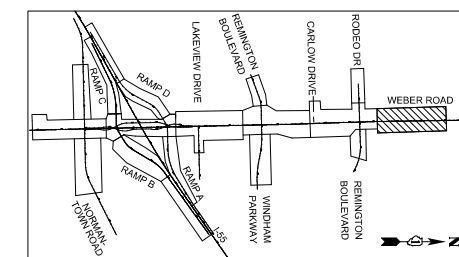
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	933
LT-06		CONTRACT NO. 60X10		
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF CURB TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
3. UNIT DUCT, 600V, 3-1/C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE.
4. THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".



FILE NAME = D:\60X10-shr-light\07-Weber06.dgn

KNIGHT
Engineers & Architects

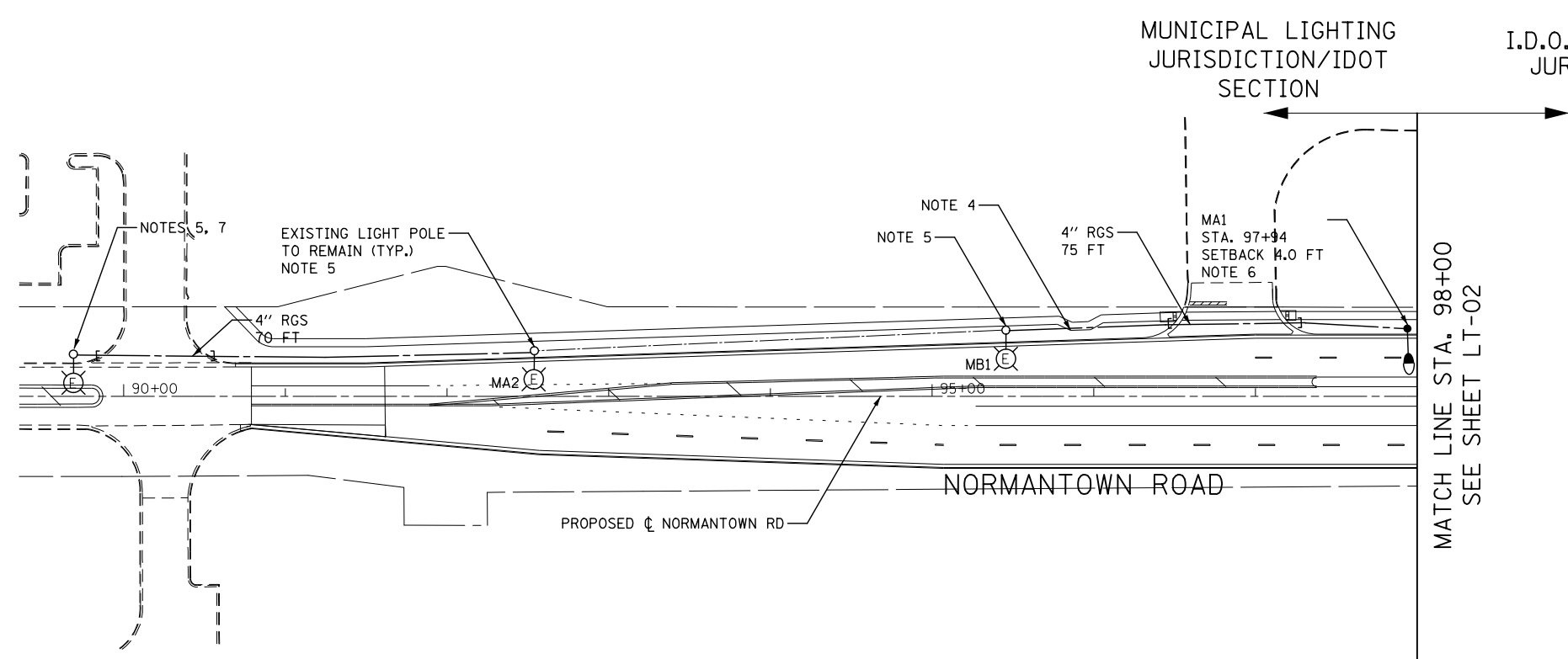
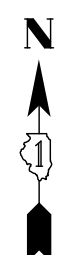
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	DRAWN MLB	REVISED -
PLOT SCALE = 1:100	CHECKED CBS	REVISED -
PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
WEBER ROAD**

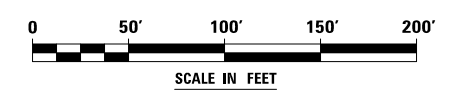
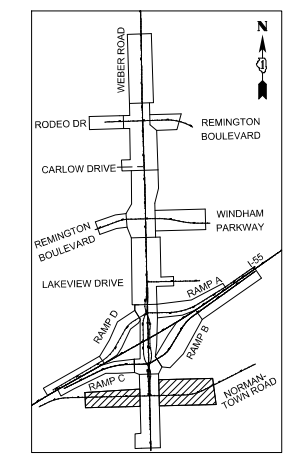
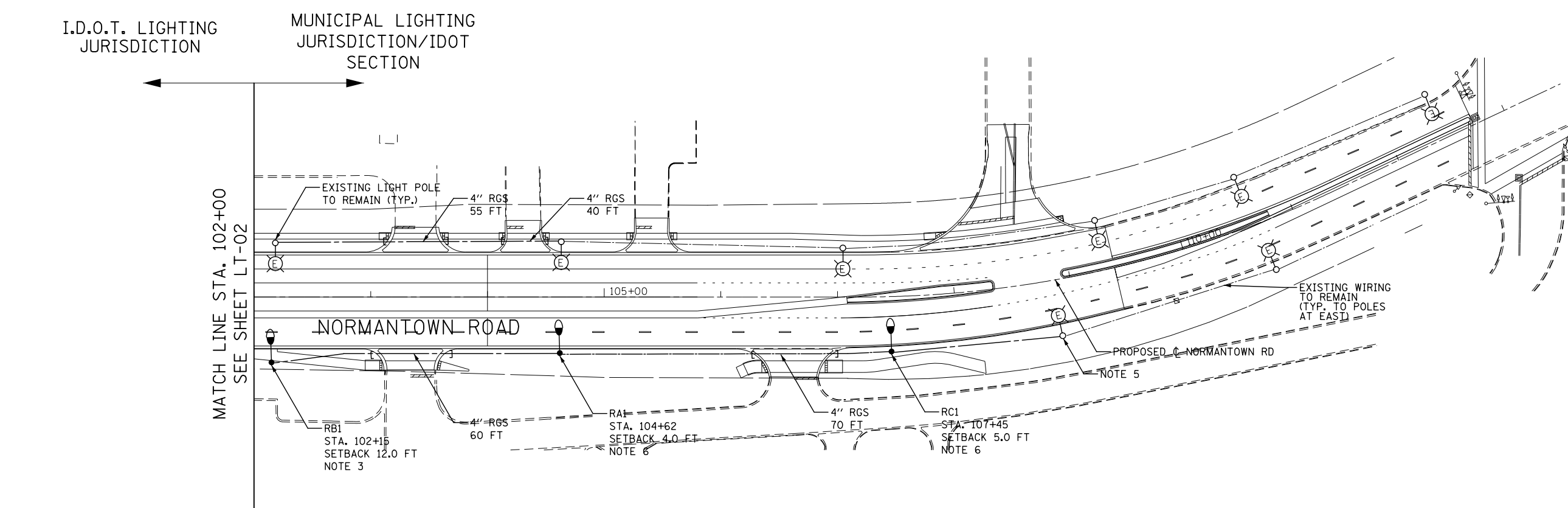
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	934
LT-07			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF CURB TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
3. RE-INSTALL LIGHT POLE (EXISTING) AND LIGHT POLE FOUNDATION, 24" DIAMETER. CONTRACTOR SHALL FIELD VERIFY THE BOLT CIRCLE OF THE EXISTING POLE AND MATCH THE BOLTS LOCATION ON NEW FOUNDATION. RE-INSTALLATION OF LIGHT POLE SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
4. UNIT DUCT, 600V, 3-1/C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE.
5. INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND CONTINUE CIRCUIT TO RELOCATED LIGHT POLE.
6. RELOCATED LIGHT POLE AND LIGHT POLE FOUNDATION, 24" DIAMETER. CONTRACTOR SHALL FIELD VERIFY THE BOLT CIRCLE OF THE EXISTING POLE AND MATCH THE BOLTS LOCATION ON NEW FOUNDATION. SEE PRESTAGE PLANS FOR EXISTING POLE TO BE RELOCATED. RELOCATED LIGHT POLE SHALL BE PAID FOR AS PART OF "RELOCATE EXISTING LIGHTING UNIT" PAY ITEM.
7. CONTRACTOR TO VERIFY THE EXISTANCE OF 2 ELBOWS AT THE POLE. IF THERE IS ONLY ONE ELBOW, CONTRACTOR SHALL INSTALL NEW LIGHT POLE FOUNDATION, 24" DIAMETER, WITH THE SAME BOLT CIRCLE AS THE EXISTING ONE AND SHALL RELOCATE THE POLE ON THIS NEW FOUNDATION.



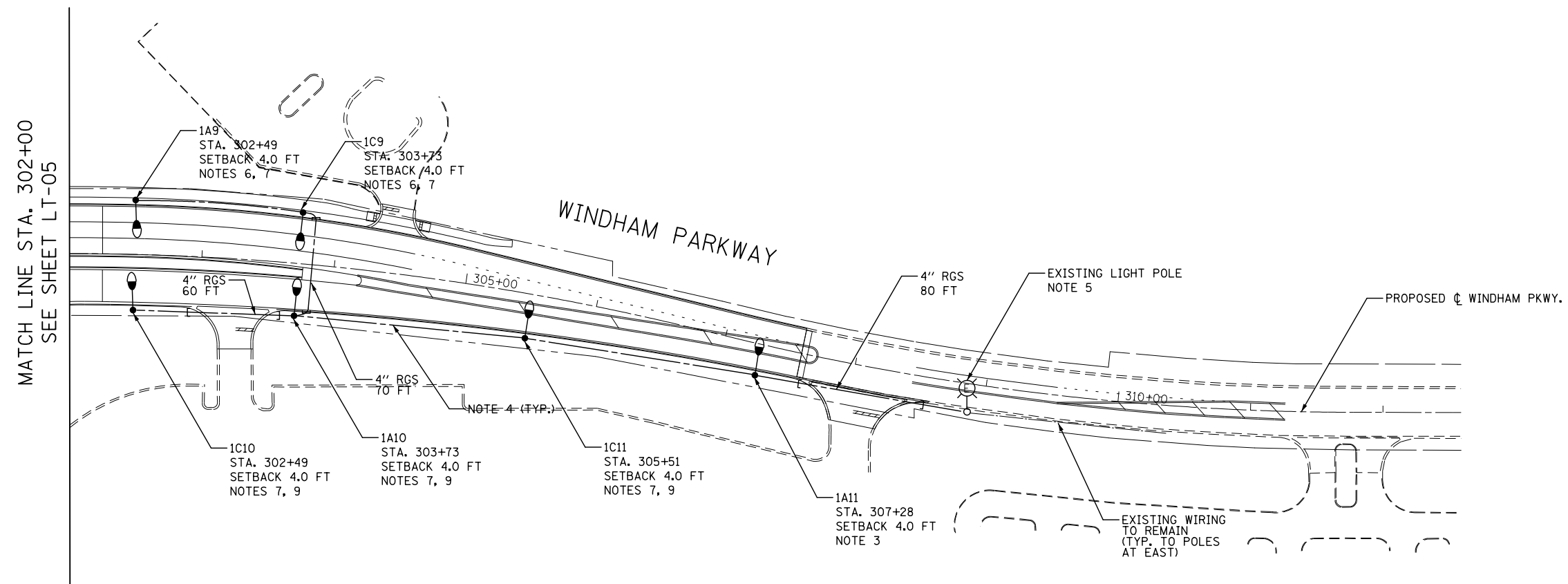
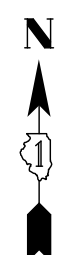
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KNIGHT Engineers & Architects	USER NAME = dbarnes	DESIGNED MLB	REVISED -
	PLOT SCALE = 1:100	DRAWN MLB	REVISED -
	PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

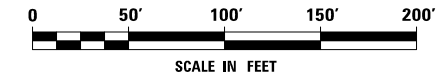
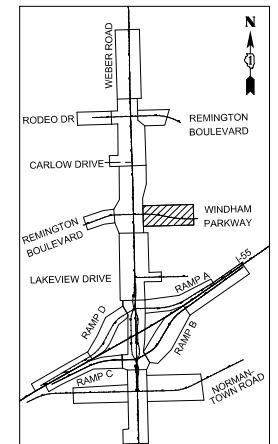
PROPOSED LIGHTING PLAN NORMANTOWN ROAD			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	935
LT-08			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF CURB TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
3. RE-INSTALL LIGHT POLE (EXISTING) AND LIGHT POLE FOUNDATION, 24" DIAMETER. CONTRACTOR SHALL FIELD VERIFY THE BOLT CIRCLE OF THE EXISTING POLE AND MATCH THE BOLTS LOCATION ON NEW FOUNDATION. RE-INSTALLATION OF LIGHT POLE SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
4. UNIT DUCT, 600V, 3-1/C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE.
5. INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND EXTEND CIRCUIT TO RELOCATED LIGHT POLE.
6. RE-INSTALL LIGHT POLE (EXISTING) AND LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET. CONTRACTOR SHALL FIELD VERIFY THE BOLT CIRCLE OF THE EXISTING POLE AND MATCH THE BOLTS LOCATION ON NEW FOUNDATION. RE-INSTALLATION OF LIGHT POLE SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM. FOR OFFSET FOUNDATION, USE PILE OFFSET 5'-6", AND CAISON SHALL BE ORIENTED TOWARD THE SIDEWALK.
7. THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".
8. ALL LIGHTING IS OWNED AND MAINTAINED BY THE MUNICIPALITY.
9. RE-INSTALL LIGHT POLE (EXISTING) AND LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET. CONTRACTOR SHALL FIELD VERIFY THE BOLT CIRCLE OF THE EXISTING POLE AND MATCH THE BOLTS LOCATION ON NEW FOUNDATION. RE-INSTALLATION OF LIGHT POLE SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM. PILE OFFSET AND CAISON ORIENTATION FOR OFFSET FOUNDATION, SHALL BE DETERMINED BASED ON THE EXISTING WATERMAIN TO REMAIN LOCATION.



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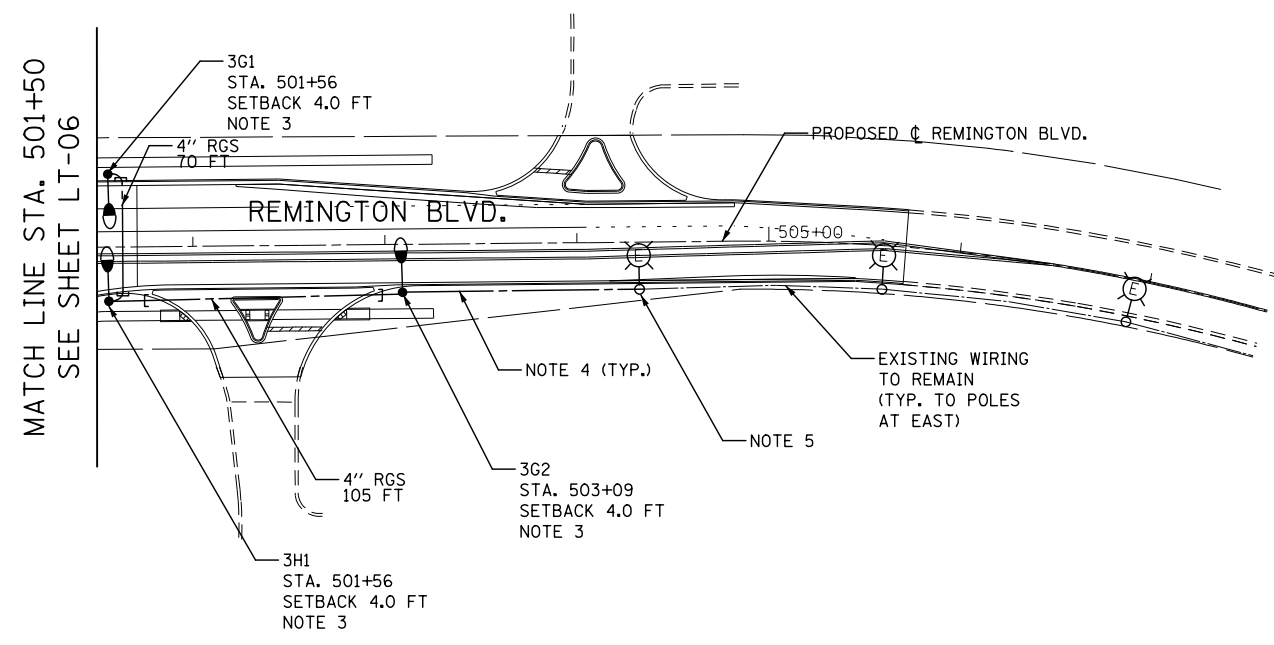
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PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
WINDHAM PARKWAY**

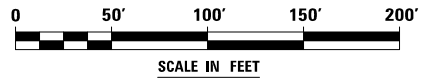
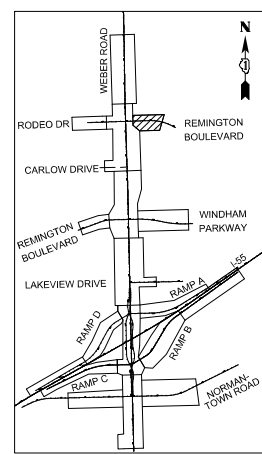
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	936
LT-09			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE FACE OF CURB TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
3. RE-INSTALL LIGHT POLE (EXISTING) AND LIGHT POLE FOUNDATION, 24" DIAMETER. CONTRACTOR SHALL FIELD VERIFY THE BOLT CIRCLE OF THE EXISTING POLE AND MATCH THE BOLTS LOCATION ON NEW FOUNDATION. RE-INSTALLATION OF LIGHT POLE SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
4. UNIT DUCT, 600V, 3-1/C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE.
5. INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND EXTEND CIRCUIT TO RELOCATED LIGHT POLE.
6. ALL LIGHTING IS OWNED AND MAINTAINED BY THE MUNICIPALITY.



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USER NAME = dbarnes	DESIGNED MLB	REVISED -
	DRAWN MLB	REVISED -
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PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

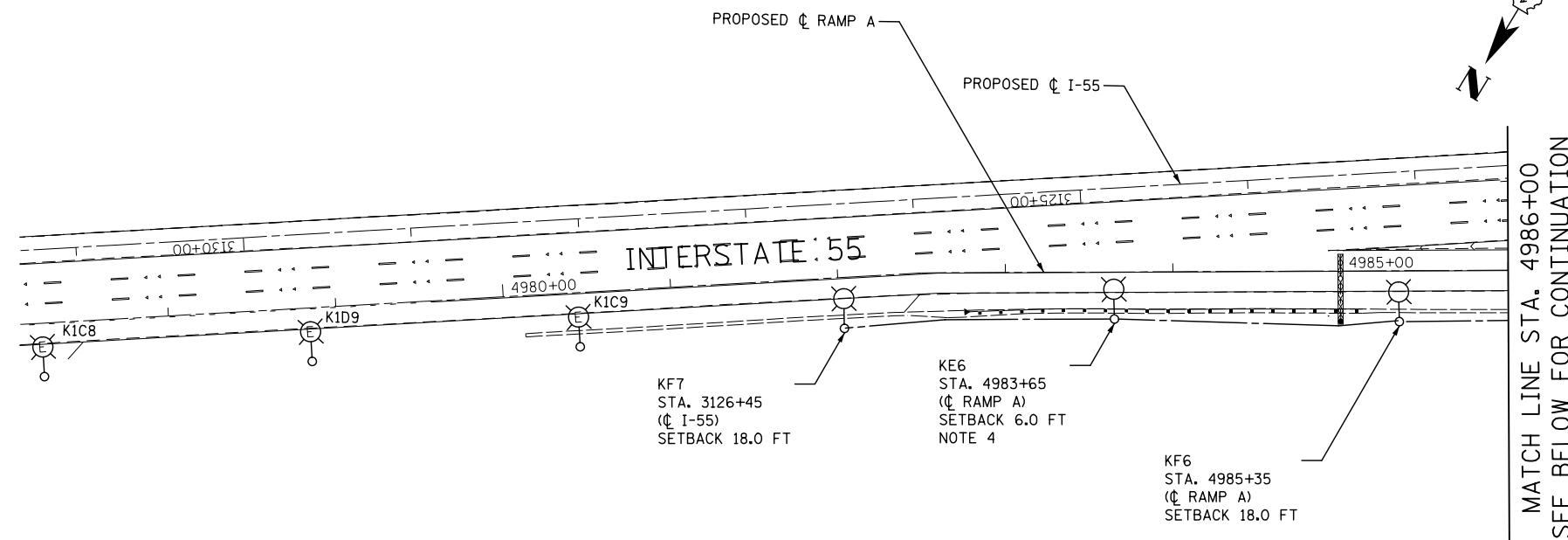
**PROPOSED LIGHTING PLAN
RODEO DRIVE / REMINGTON BOULEVARD**

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	937
LT-10			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

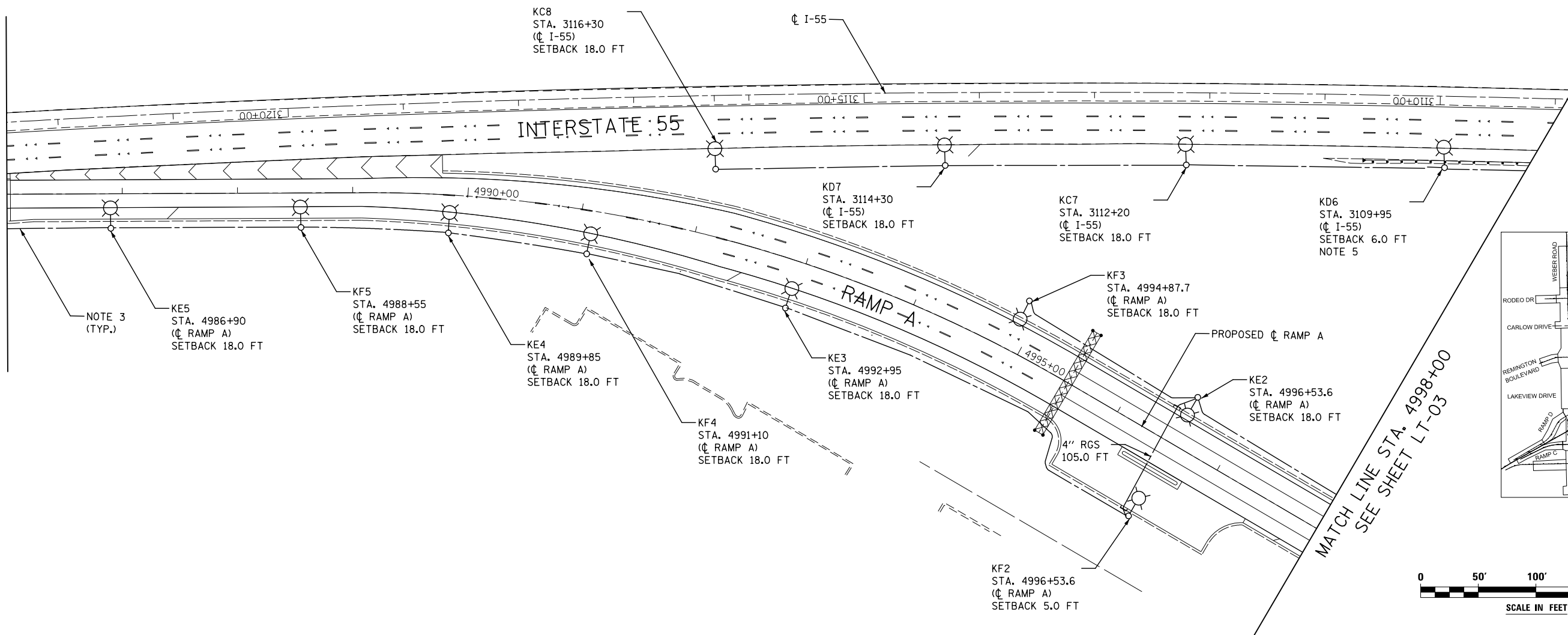
NOTES:

- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
- ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE EDGE OF TRAVELLED PAVEMENT TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
- UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
- POLE SETBACK IS MEASURED FROM THE EDGE OF PAVED SHOULDER TO CENTER OF LIGHT POLE BASE.

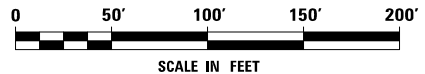
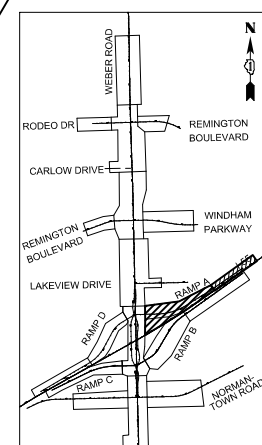


MATCH LINE STA. 4986+00
 SEE BELOW FOR CONTINUATION

MATCH LINE STA. 4986+00
 SEE ABOVE FOR CONTINUATION



MATCH LINE STA. 4998+00
 SEE SHEET LT-03



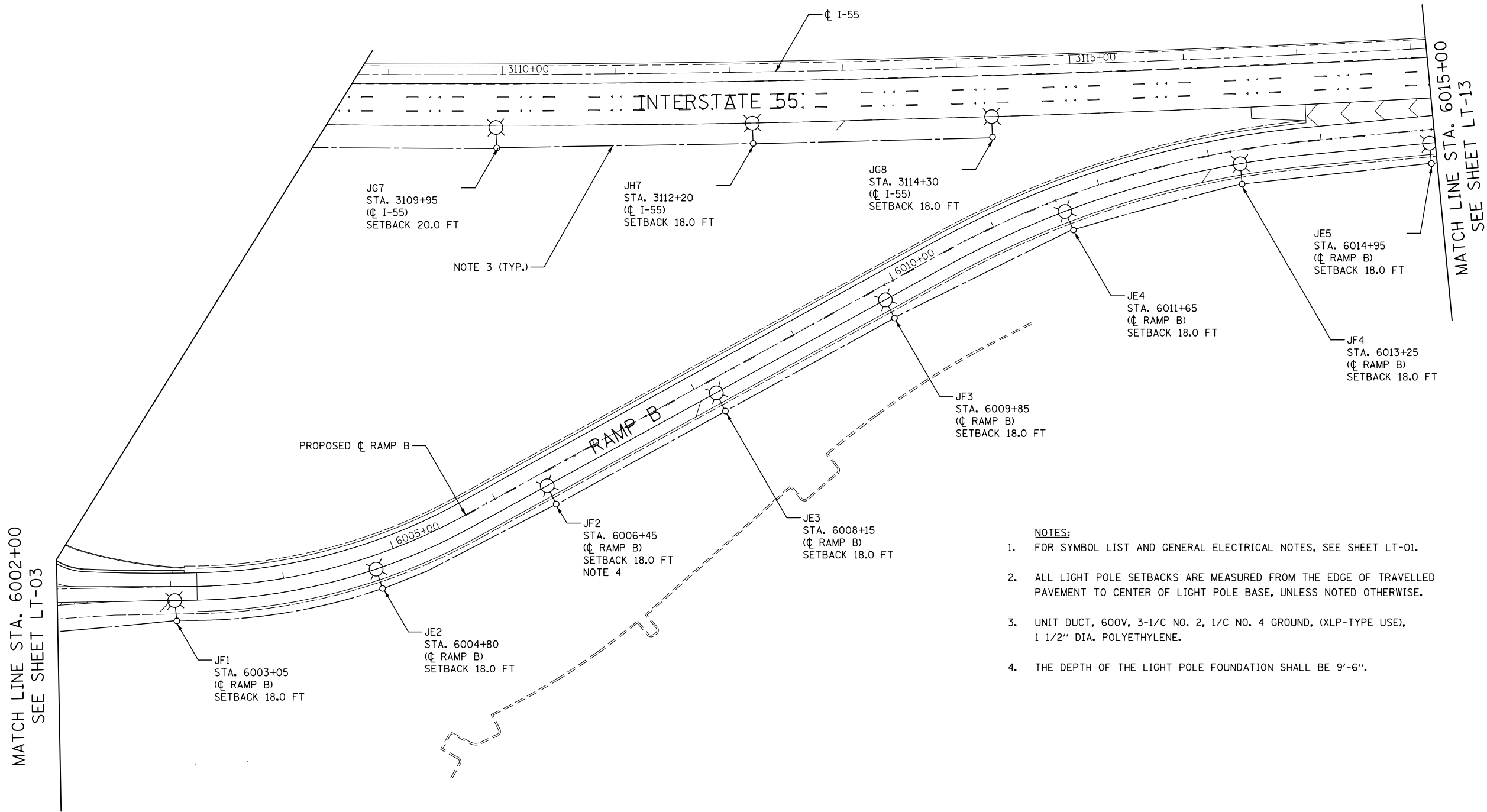
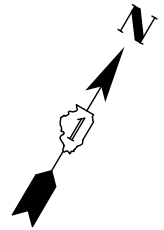
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	DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING PLAN RAMP A			
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	938
LT-11			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



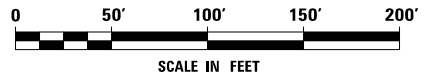
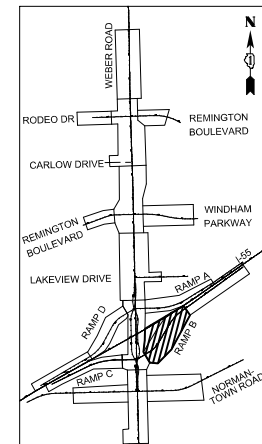
NOTE 3 (TYP.)

NOTE 4

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE EDGE OF TRAVELLED PAVEMENT TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
 - UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
 - THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".

MATCH LINE STA. 6002+00
SEE SHEET LT-03

MATCH LINE STA. 6015+00
SEE SHEET LT-13



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Engineers & Architects

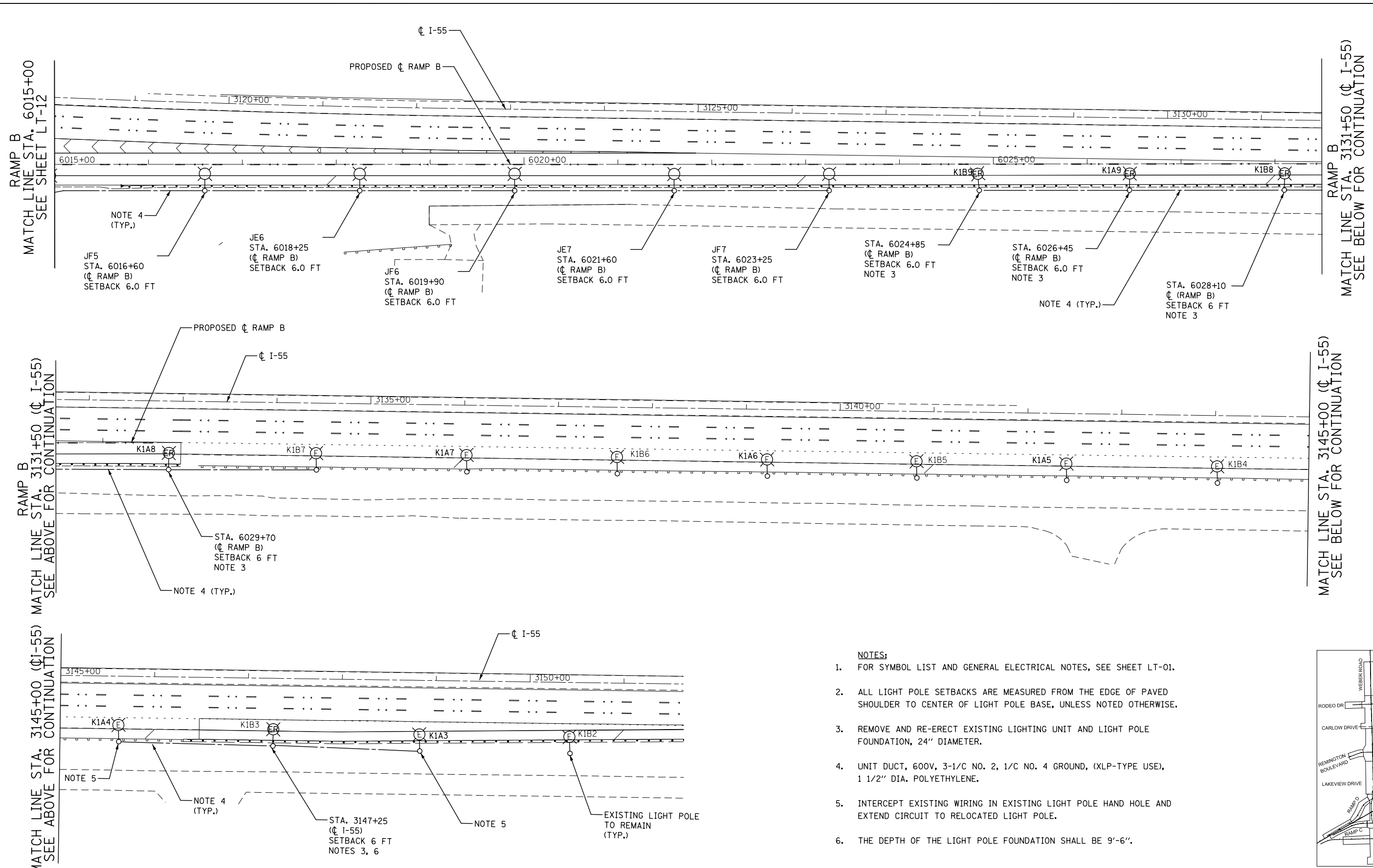
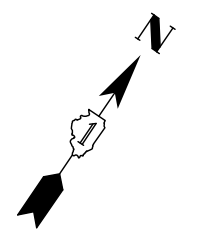
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DRAWN MLB	CHECKED CBS	REVISED -
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PLOT DATE = 8/17/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

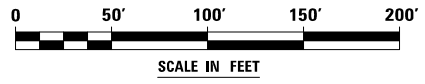
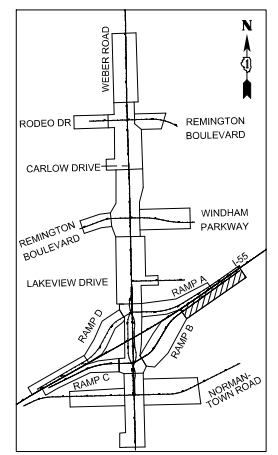
PROPOSED LIGHTING PLAN
RAMP B

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	939
LT-12			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE EDGE OF PAVED SHOULDER TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
 - REMOVE AND RE-ERECT EXISTING LIGHTING UNIT AND LIGHT POLE FOUNDATION, 24" DIAMETER.
 - UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
 - INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE HAND HOLE AND EXTEND CIRCUIT TO RELOCATED LIGHT POLE.
 - THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".



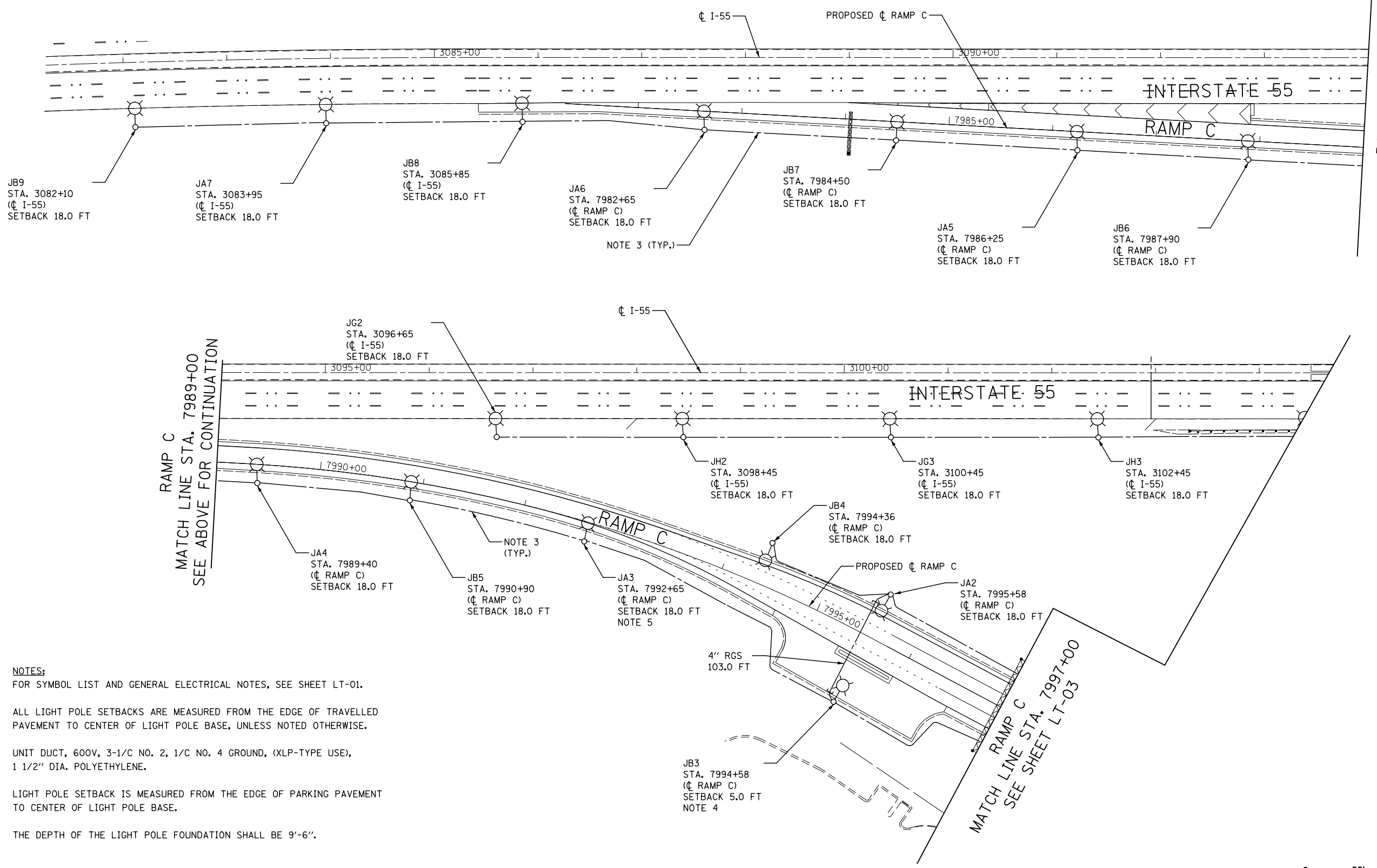
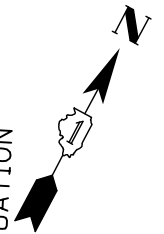
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KNIGHT Engineers & Architects	USER NAME = dbarnes	DESIGNED MLB	REVISED -
	PLOT SCALE = 1:100	DRAWN MLB	REVISED -
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		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

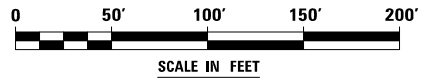
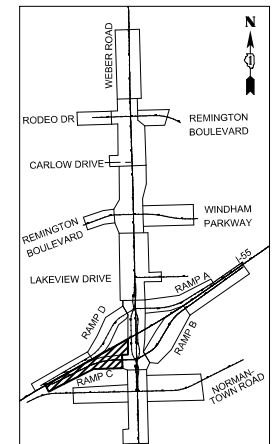
PROPOSED LIGHTING PLAN RAMP B			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	940
LT-13			CONTRACT NO. 60X10	
<small>* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT</small>				



RAMP C
 MATCH LINE STA. 7989+00
 SEE ABOVE FOR CONTINUATION

RAMP C
 MATCH LINE STA. 7989+00
 SEE BELOW FOR CONTINUATION



- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE EDGE OF TRAVELLED PAVEMENT TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
 - UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
 - LIGHT POLE SETBACK IS MEASURED FROM THE EDGE OF PARKING PAVEMENT TO CENTER OF LIGHT POLE BASE.
 - THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".

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KNIGHT Engineers & Architects	USER NAME = dbarnes	DESIGNED MLB	REVISED -
	PLOT SCALE = 1:100	DRAWN MLB	REVISED -
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		DATE 08/25/17	REVISED -

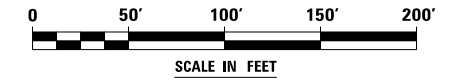
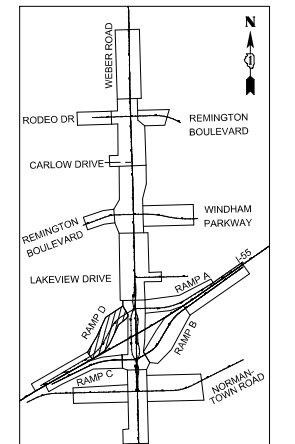
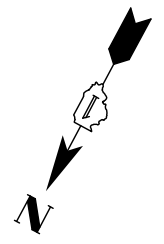
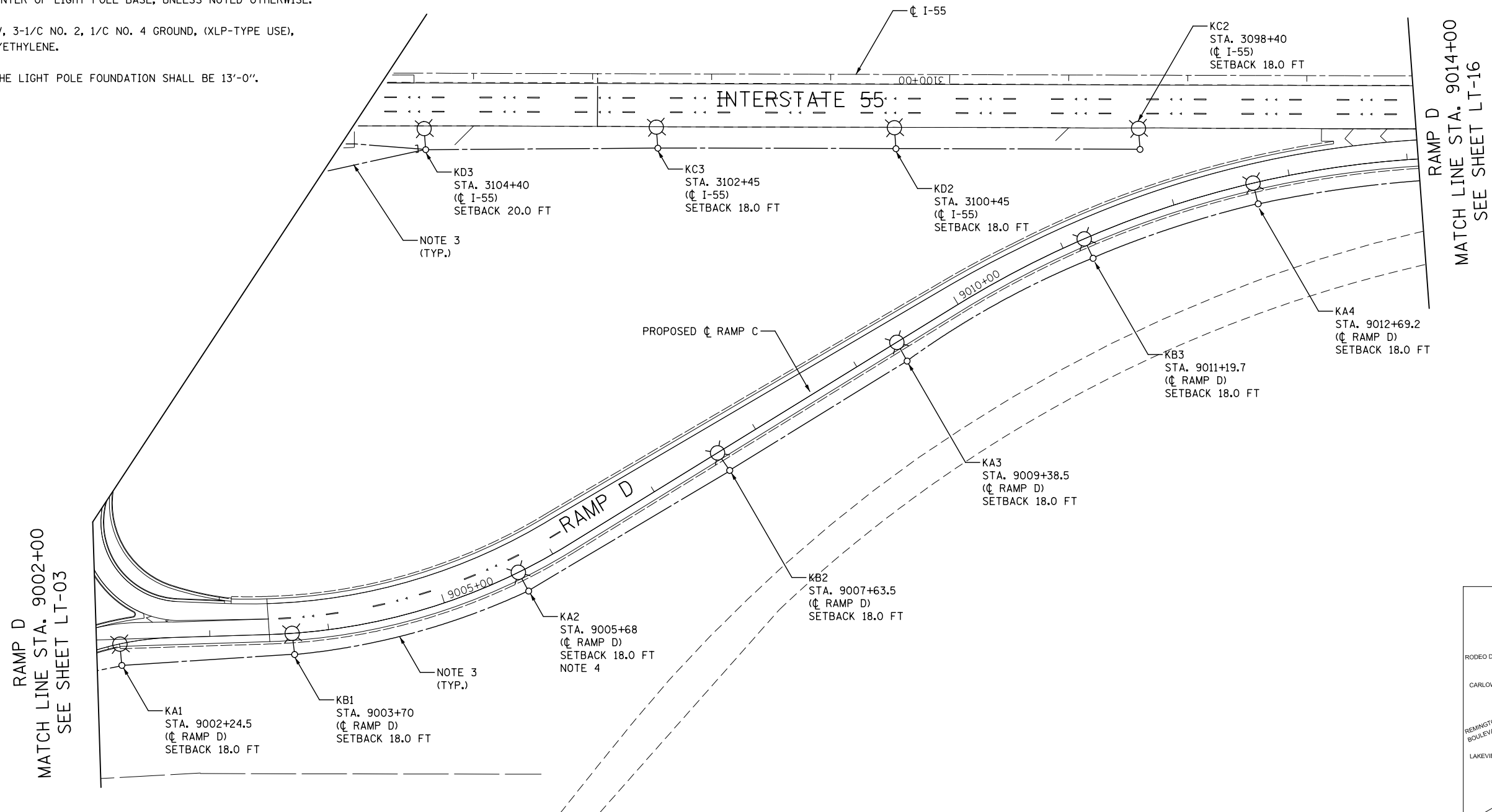
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
RAMP C**

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	941
LT-14			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE EDGE OF TRAVELLED PAVEMENT TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
 - UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
 - THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 13'-0".



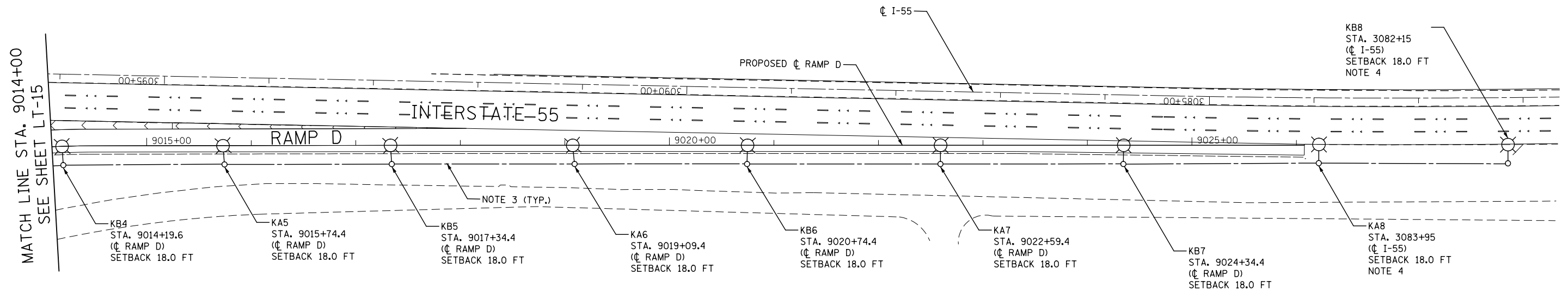
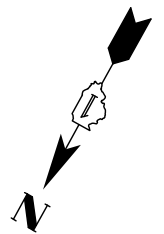
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KNIGHT Engineers & Architects	USER NAME = dbarnes	DESIGNED MLB	REVISED -
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		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

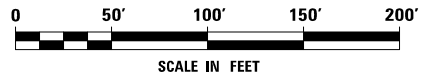
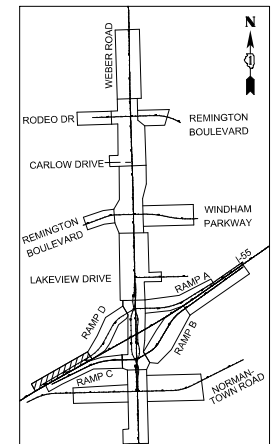
PROPOSED LIGHTING PLAN RAMP D			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	942
LT-15			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. ALL LIGHT POLE SETBACKS ARE MEASURED FROM THE EDGE OF TRAVELLED PAVEMENT TO CENTER OF LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
3. UNIT DUCT, 600V, 3-1/C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE.
4. THE DEPTH OF THE LIGHT POLE FOUNDATION SHALL BE 9'-6".



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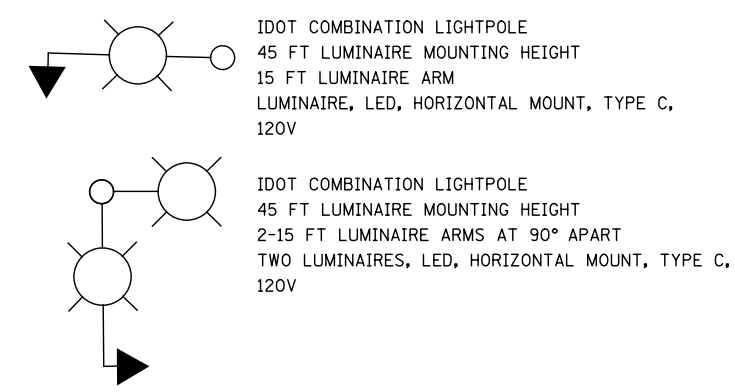
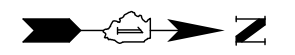
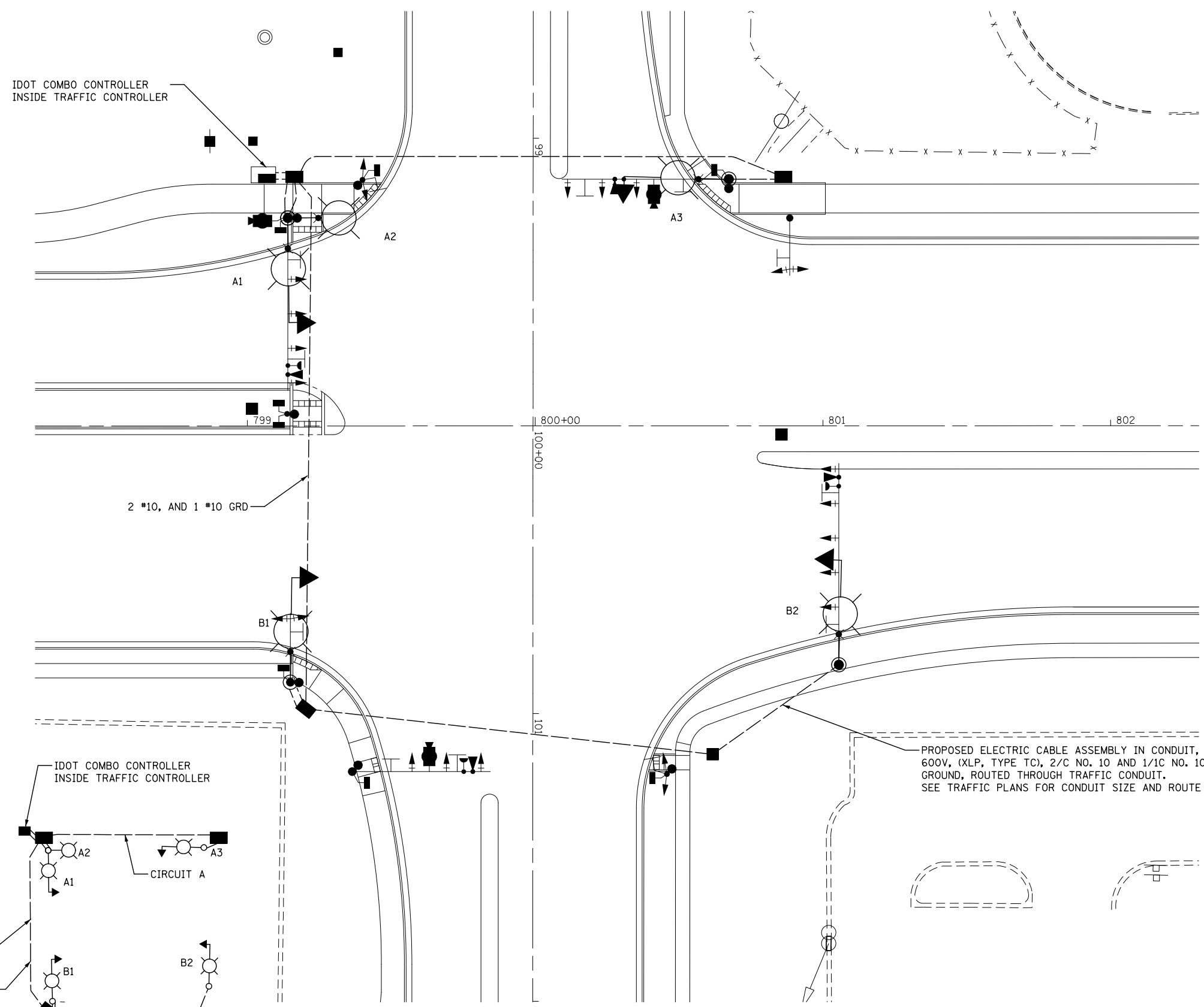
KNIGHT
Engineers & Architects

USER NAME = dbarnes	DESIGNED MLB	REVISED -
	DRAWN MLB	REVISED -
PLOT SCALE = 1:100	CHECKED CBS	REVISED -
PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING PLAN RAMP D			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

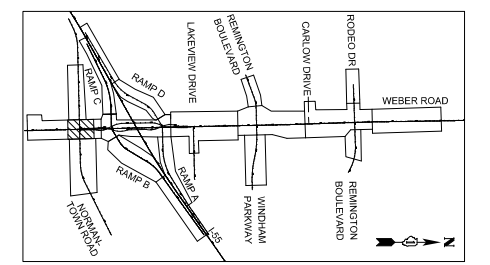
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LT-16		CONTRACT NO. 60X10		
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



- NOTES:**
1. THE IDOT COMBO LIGHTING CIRCUITING SHALL NOT BE CONNECTED TO IDOT ROADWAY OR VILALGE LIGHTING CONTROLLER.
 2. LUMINAIRES ARE POWERED FROM IDOT TRAFFIC CONTROLLER AS PER DETAIL SHEET BE-240.
 3. THE COMBO LIGHTING CABLE AND SIGNAL CABLES WILL BE IN SHARED CONDUIT.
 4. SEE TRAFFIC SIGNAL PLANS FOR LOCATION OF COMBO POLES, HANDHOLES AND CONDUIT.
 5. CIRCUIT DECALS SHALL NOT BE INSTALLED ON COMBO POLES. FOR CIRCUITING INFORMATION ONLY.

IDOT COMBO LIGHTING SCHEDULE OF QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	5
COMBINATION LIGHTING CONTROLLER	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	5
ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V, (XLP, TYPE TC), 2/C NO. 10 AND 1/C NO. 10 GROUND	FOOT	660

ALL PAY ITEMS ARE PAID FOR AS PART OF TRAFFIC SIGNAL INSTALLATION.



FILE NAME = D:\60X10-shr-light17-Combo_light_Normantown.dgn



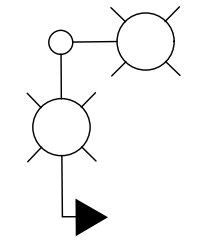
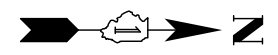
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PLOT SCALE = 1:40	DRAWN MLB	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING COMBINATION
WEBER ROAD AT NORMANTOWN ROAD**

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

F.A./P RTE. *	SECTION (99-1HB-1) R-1	COUNTY WILL	TOTAL SHEETS 1508	SHEET NO. 944
LT-17		CONTRACT NO. 60X10		
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



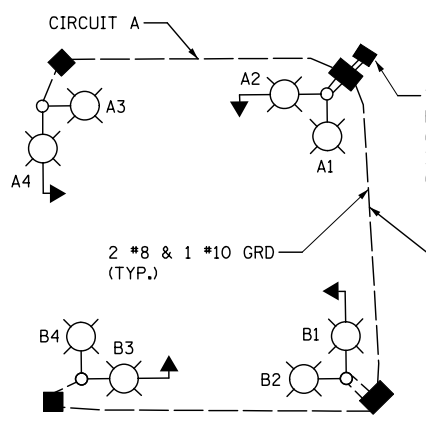
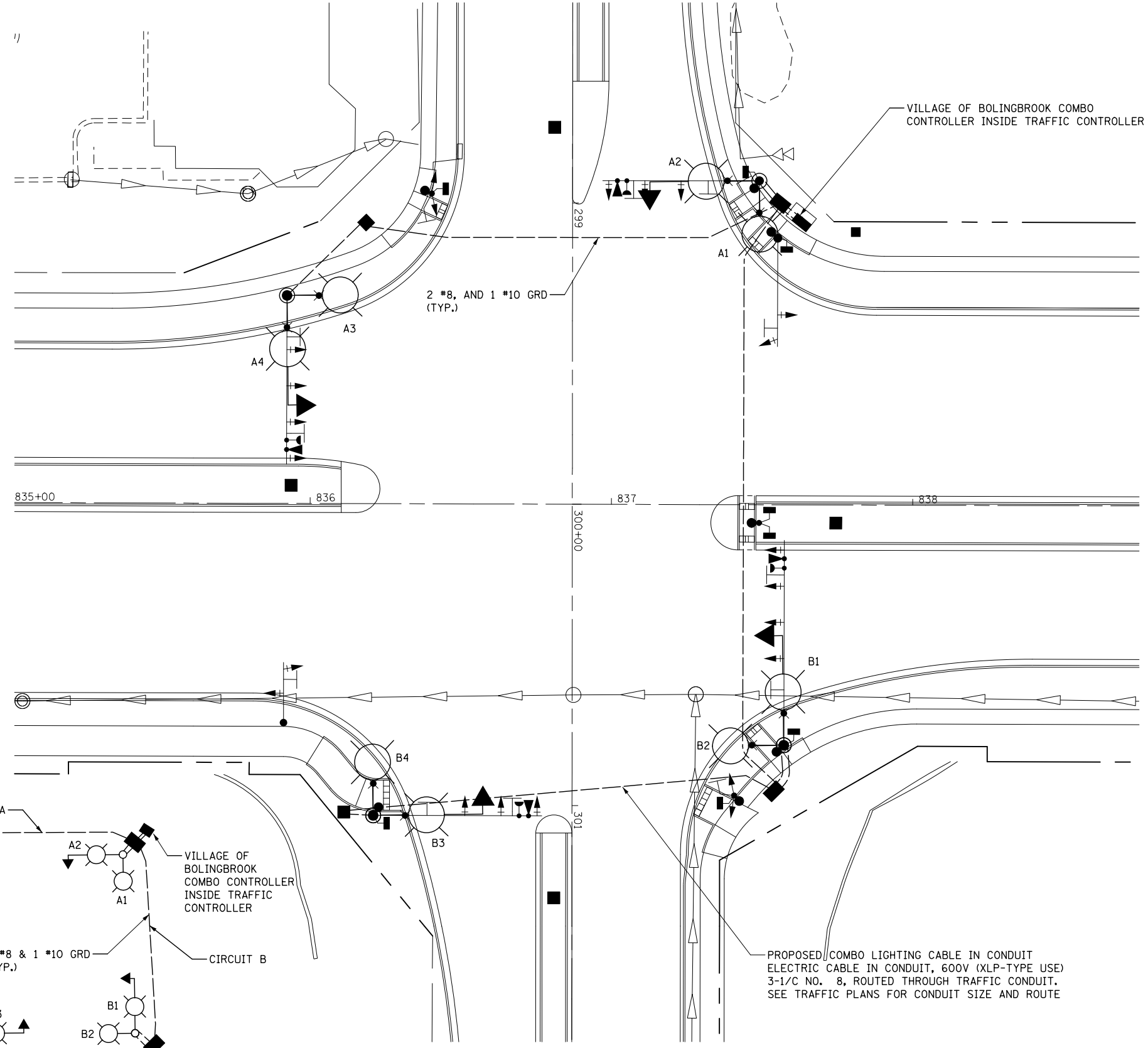
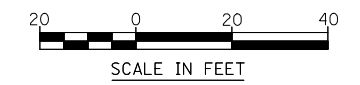
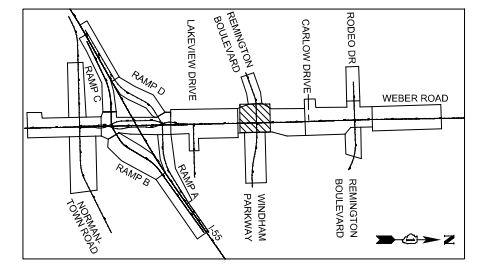
BOLINGBROOK COMBINATION LIGHTPOLE
 45 FT LUMINAIRE MOUNTING HEIGHT
 2-15 FT LUMINAIRE ARMS AT 90°APART
 TWO LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C,
 120V

NOTES:

1. THE BOLINGBROOK COMBO LIGHTING CIRCUITING SHALL NOT BE CONNECTED TO BOLINGBROOK ROADWAY LIGHTING CONTROLLER.
2. LUMINAIRE ARE POWERED FROM BOLINGBROOK TRAFFIC CONTROLLER. SEE TRAFFIC SIGNAL PLANS.
3. THE COMBO LIGHTING CABLE AND SIGNAL CABLES WILL BE IN SHARED CONDUIT.
4. SEE TRAFFIC SIGNAL PLANS FOR LOCATION OF COMBO POLES, HANDHOLES AND CONDUIT.

BOLINGBROOK COMBO LIGHTING SCHEDULE OF QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	8
COMBINATION LIGHTING CONTROLLER	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	8
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	610

ALL PAY ITEMS ARE PAID FOR AS PART OF TRAFFIC SIGNAL INSTALLATION.



ONE LINE DIAGRAM

FILE NAME = D:\60X10-shr-light18-Combo_light_Minham.dgn

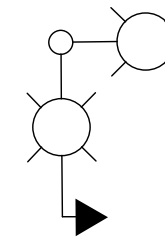
KNIGHT Engineers & Architects	USER NAME = dbarnes	DESIGNED MLB	REVISED -
	PLOT SCALE = 1:40	DRAWN MLB	REVISED -
	PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING COMBINATION
WEBER ROAD AT 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	945
LT-18			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



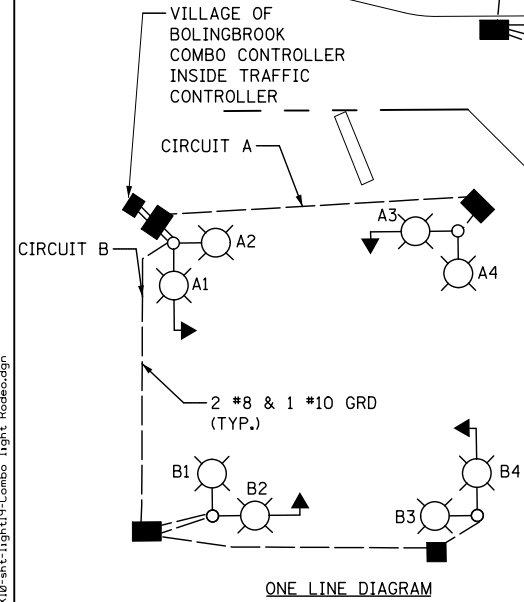
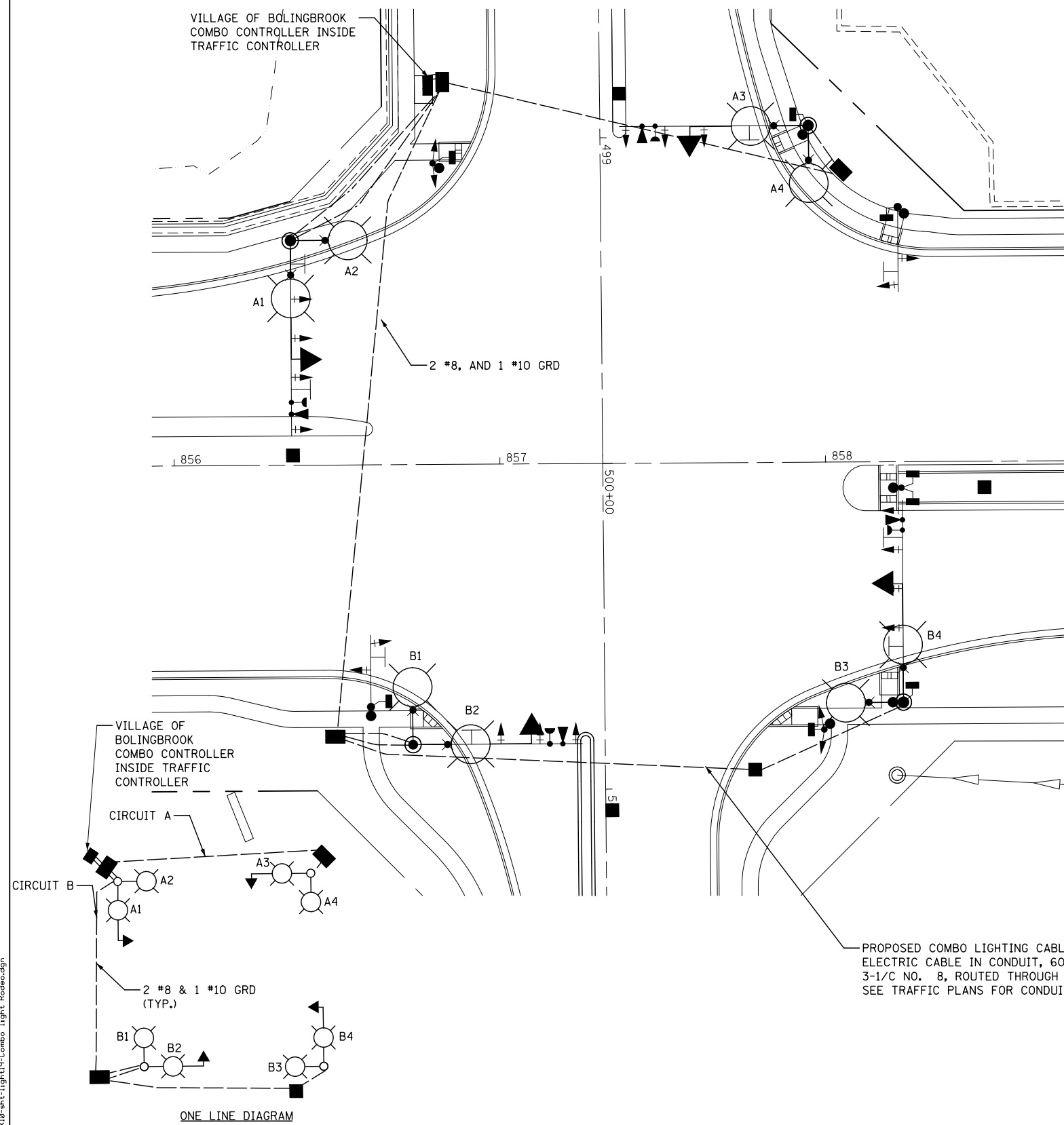
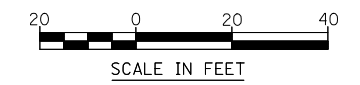
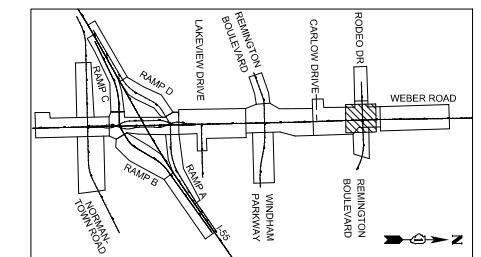
BOLINGBROOK COMBINATION LIGHTPOLE
 45 FT LUMINAIRE MOUNTING HEIGHT
 2-15 FT LUMINAIRE ARMS AT 90°APART
 TWO LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C,
 120V

NOTES:

1. THE BOLINGBROOK COMBO LIGHTING CIRCUITING SHALL NOT BE CONNECTED TO BOLINGBROOK ROADWAY LIGHTING CONTROLLER.
2. LUMINAIRES ARE POWERED FROM BOLINGBROOK TRAFFIC CONTROLLER. SEE TRAFFIC SIGNAL PLANS.
3. THE COMBO LIGHTING CABLE AND SIGNAL CABLES WILL BE IN SHARED CONDUIT.
4. SEE TRAFFIC SIGNAL PLANS FOR LOCATION OF COMBO POLES, HANDHOLES AND CONDUIT.

BOLINGBROOK COMBO LIGHTING SCHEDULE OF QUANTITIES		
DESCRIPTION	UNIT	QUANTITY
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	8
COMBINATION LIGHTING CONTROLLER	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	8
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	665

ALL PAY ITEMS ARE PAID FOR AS PART OF TRAFFIC SIGNAL INSTALLATION.



PROPOSED COMBO LIGHTING CABLE IN CONDUIT
 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
 3-1/C NO. 8, ROUTED THROUGH TRAFFIC CONDUIT.
 SEE TRAFFIC PLANS FOR CONDUIT SIZE AND ROUTE

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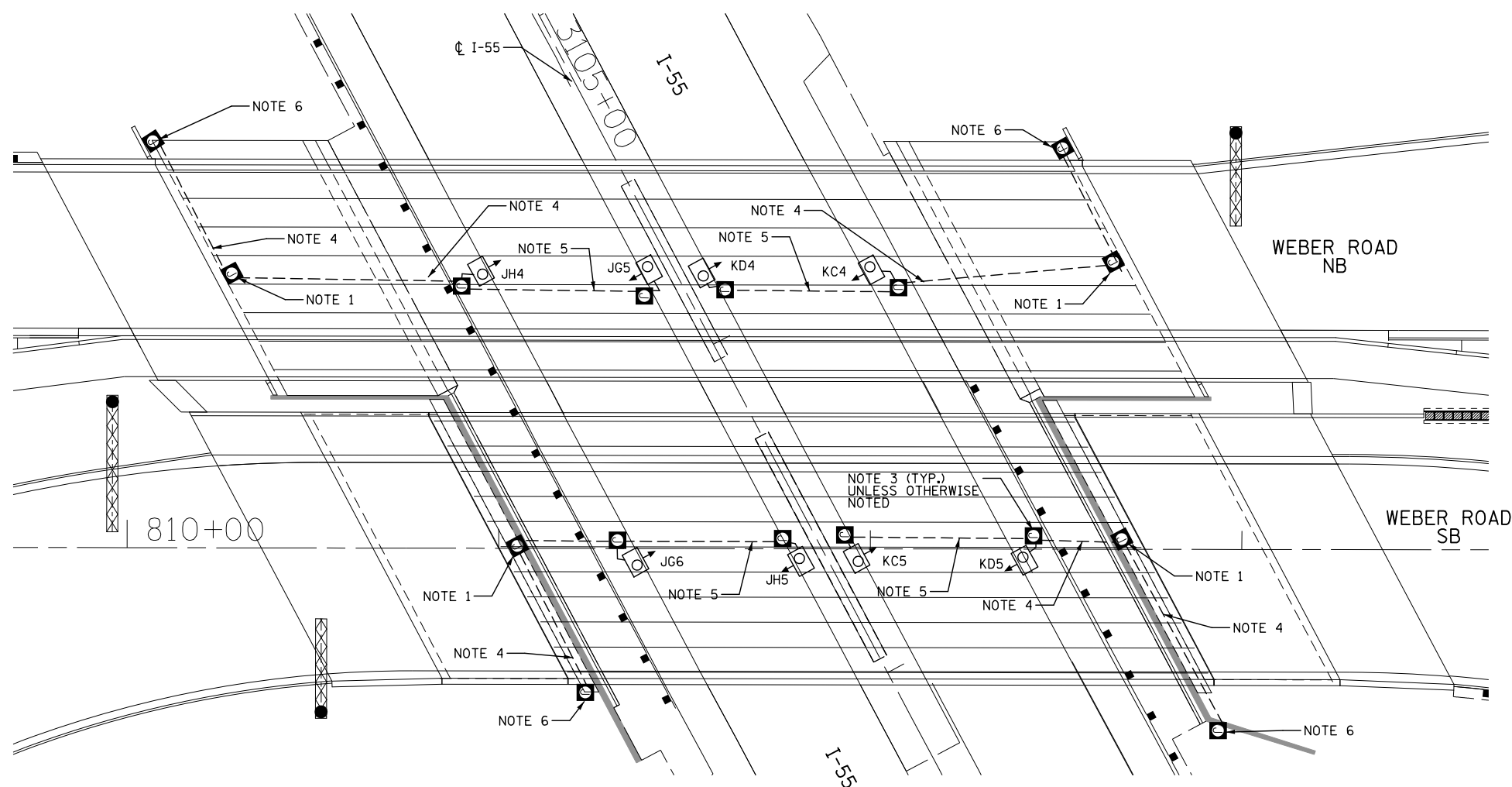
KNIGHT Engineers & Architects	USER NAME = dbarnes	DESIGNED MLB	REVISED -
	PLOT SCALE = 1:40	DRAWN MLB	REVISED -
	PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING COMBINATION
 WEBER ROAD AT RODEO DRIVE/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	946
LT-19		CONTRACT NO. 60X10		
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				






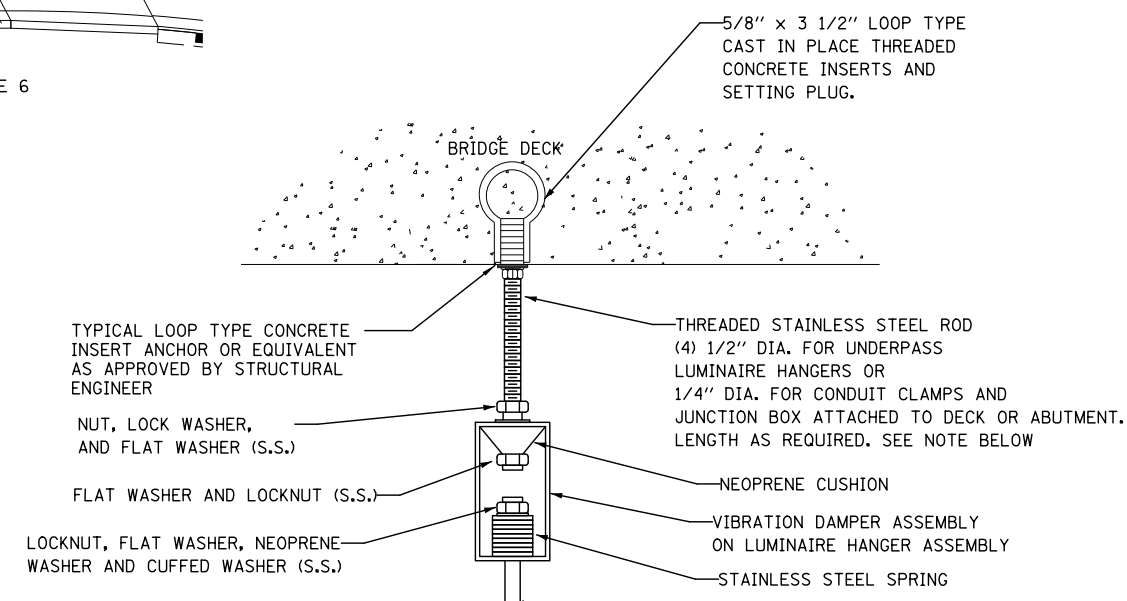
UNDERPASS LUMINAIRE LOCATIONS		
NO.	STATION	SETBACK FROM E.O.P.
KC4	3106+02.5	2 FT
KD4	3105+81	2 FT
KC5	3106+69	2 FT
KD5	3106+90.5	2 FT
JG5	3105+74.5	2 FT
JH4	3105+53	2 FT
JG6	3106+39.5	2 FT
JH5	3106+62.5	2 FT

NOTES:

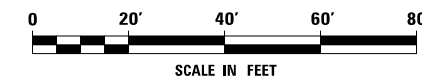
- JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6". SEE DETAIL A AND IDOT D1 STANDARD BE-900 FOR INSTALLATION DETAILS.
- UNDERPASS LUMINAIRE, LED, TYPE B. LUMINAIRES SHALL BE INSTALLED WITH A 2 FT. SETBACK FROM EDGE OF PAVEMENT TO THE CENTER OF LUMINAIRE AND SHALL BE INSTALLED NO LOWER THAN THE BOTTOM BEAM FLANGE. SEE IDOT D1 STANDARD DRAWING BE-900 FOR INSTALLATION DETAILS.
- JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4", UNLESS OTHERWISE NOTED ON THIS SHEET. SEE DETAIL A AND IDOT D1 STANDARD DRAWING BE-900 FOR INSTALLATION DETAILS.
- (3) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10 AND ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10 GROUND IN CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL.
- (2) ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10 AND ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10 GROUND IN CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL.
- JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 8" WITH 30A FUSES AND NEUTRAL SLUG IN SINGLE POLE FUSE HOLDER.

SYMBOL LIST

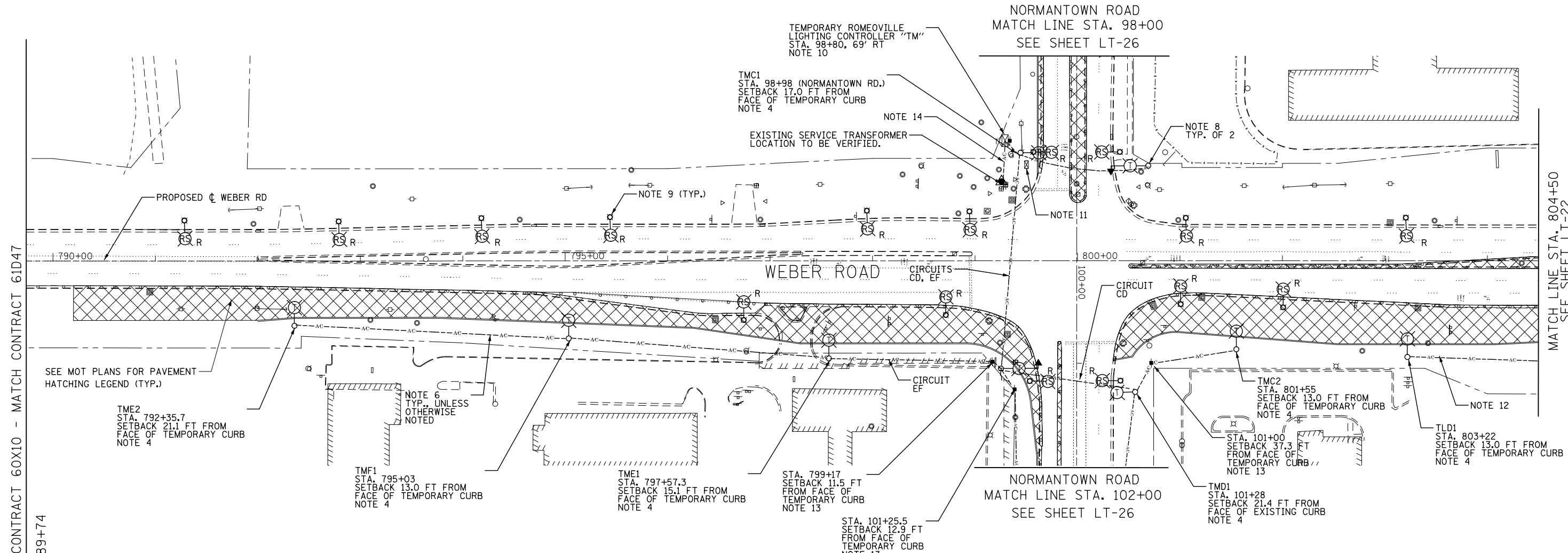
-  PROPOSED UNDERPASS LUMINAIRE, TYPE B, LED, 240V
-  WIRING IN CONDUIT ATTACHED TO STRUCTURE
-  PROPOSED LIGHTING JUNCTION BOX. TYPE AND SIZE AS NOTED



NOTE:
FOR UNDERPASS LUMINAIRE ONLY, RODS SHALL CONTINUE DOWN WITH THE VIBRATION DAMPER.
SINGLE COIL FLARED LOOP INSERT CAST IN CONCRETE
DETAIL A
NOT TO SCALE



FILE NAME : D:\60X10-shr-light+20-underpass Lighting.dgn



BEGIN CONTRACT 60X10 - MATCH CONTRACT 61D47
STA. 789+74

MATCH LINE STA. 804+50
SEE SHEET LT-22

SEE MOT PLANS FOR PAVEMENT
HATCHING LEGEND (TYP.)

TME2
STA. 792+35.7
SETBACK 21.1 FT FROM
FACE OF TEMPORARY CURB
NOTE 4

TMF1
STA. 795+03
SETBACK 13.0 FT FROM
FACE OF TEMPORARY CURB
NOTE 4

TME1
STA. 797+57.3
SETBACK 15.1 FT FROM
FACE OF TEMPORARY CURB
NOTE 4

STA. 799+17
SETBACK 11.5 FT
FROM FACE OF
TEMPORARY CURB
NOTE 13

STA. 101+25.5
SETBACK 12.9 FT
FROM FACE OF
TEMPORARY CURB
NOTE 13

NORMANTOWN ROAD
MATCH LINE STA. 102+00
SEE SHEET LT-26

TMC2
STA. 801+55
SETBACK 13.0 FT FROM
FACE OF TEMPORARY CURB
NOTE 4

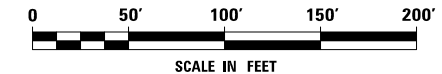
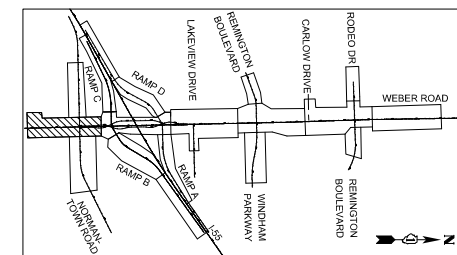
STA. 101+00
SETBACK 37.3 FT
FROM FACE OF
TEMPORARY CURB
NOTE 13

TMD1
STA. 101+28
SETBACK 21.4 FT FROM
FACE OF EXISTING CURB
NOTE 4

TLD1
STA. 803+22
SETBACK 13.0 FT FROM
FACE OF TEMPORARY CURB
NOTE 4

NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
5. TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM EDGE OF PAVEMENT TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
6. AERIAL CABLE, 3-1/8 NO.4 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
7. INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND CONTINUE CIRCUIT TO TEMPORARY LIGHT POLE.
8. TEMPORARY LIGHTING FOR INTERSECTION MOUNTED ON TRAFFIC SIGNAL POLE. WOOD POLE INSTALLED UNDER TRAFFIC SIGNAL PLANS. MAST ARM, STREET LIGHTING, 15', TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT (240V, 47.5' M.H., TYPE III) AND WIRING PROVIDED BY LIGHTING CONTRACTOR.
9. REMOVAL OF LIGHTING UNIT, SALVAGE AND REMOVAL OF POLE FOUNDATION. CONTRACTOR SHALL REMOVE AND TRANSFER LIGHTING UNIT TO VILLAGE OF ROMEVILLE CUSTODY.
10. TEMPORARY LIGHTING CONTROLLER, SPECIAL, 100A, 240/480 VOLT, 3 WIRE INSTALLED ON WOOD POLE SUPPORT. SEE SHEETS LT-52A AND LT-54 AND SPECIAL PROVISIONS FOR DETAILS.
11. REMOVAL OF LIGHTING CONTROLLER AND REMOVAL OF LIGHTING CONTROLLER FOUNDATION.
12. AERIAL CABLE, 3-1/8 NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
13. TEMPORARY WOOD POLE, 60 FT., CLASS 4.
14. AERIAL CABLE, 3-1/8 NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED. SERVICE AERIAL CABLE SHALL BE INCLUDED IN THE COST OF "TEMPORARY LIGHTING CONTROLLER" PAY ITEM.



FILE NAME = D:\60X10-eh-t-light-21-Weber-01_MOT_PSI.dgn



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DRAWN MLB	REVISED -	
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PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

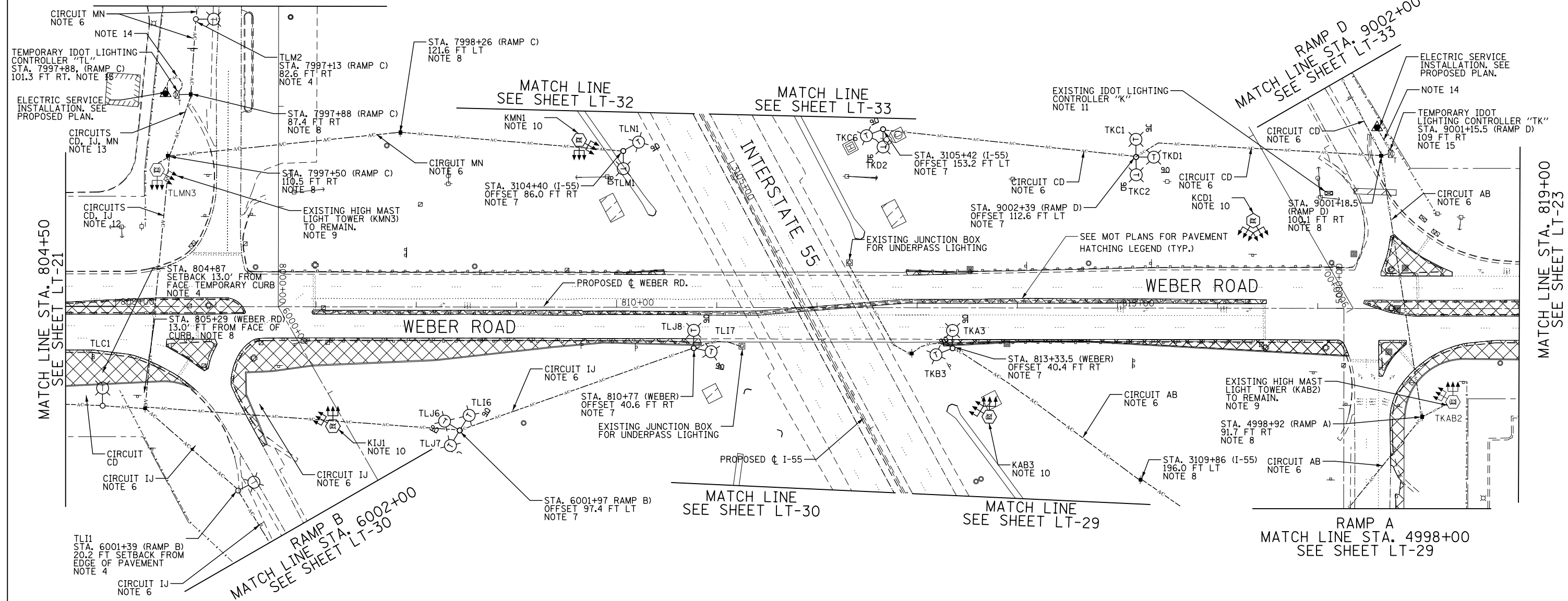
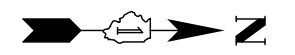
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - WEBER ROAD**

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	948
LT-21			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

RAMP C
MATCH LINE STA. 7997+00
SEE SHEET LT-32

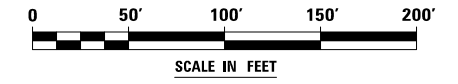
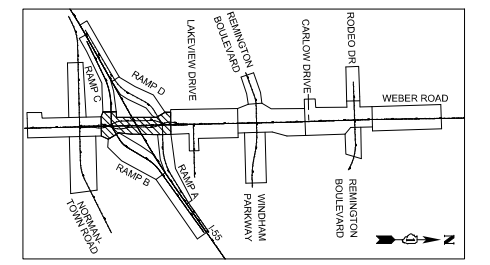


MATCH LINE STA. 804+50
SEE SHEET LT-21

MATCH LINE STA. 819+00
SEE SHEET LT-23

NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
5. TEMPORARY WOOD POLE OFFSET IS MEASURED FROM C/L OF ROAD AS SPECIFIED ON CALLOUTS TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
6. AERIAL CABLE, 3-1/C NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
7. LIGHT POLE, WOOD, 90 FOOT, CLASS 4, WITH 15 FOOT MAST ARMS AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT. LUMINAIRES SHALL BE 240V, TYPE III WITH MOUNTING HEIGHT OF 70 FT. MAST ARM AND LUMINAIRE QUANTITY AS SHOWN ON PLAN.
8. TEMPORARY WOOD POLE, 60 FT., CLASS 4
9. INTERCEPT EXISTING WIRING IN EXISTING LIGHT TOWER AND CONTINUE CIRCUIT TO TEMPORARY LIGHT POLE.
10. REMOVAL OF LIGHT TOWER, NO SALVAGE, AND REMOVAL OF TOWER FOUNDATION. LUMINAIRES TO BE SALVAGED TO IDOT.
11. REMOVAL OF LIGHTING CONTROLLER AND REMOVAL OF LIGHTING CONTROLLER FOUNDATION.
12. 2 - AERIAL CABLE, 3-1/C NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
13. 3 - AERIAL CABLE, 3-1/C NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
14. AERIAL CABLE, 3-1/C NO.3/0 WITH MESSENGER WIRE. SERVICE AERIAL CABLE SHALL BE INCLUDED IN THE COST OF "TEMPORARY LIGHTING CONTROLLER" PAY ITEM.
15. TEMPORARY LIGHTING CONTROLLER, 200A, 240/480 VOLT, 3 WIRE. SEE SHEETS LT-53A THROUGH LT-53D, LT-54 AND SPECIAL PROVISIONS FOR DETAILS. LIGHTING CONTROL CABINET SHALL BE INSTALLED ON A GROUND MOUNTED PLATFORM AS SHOWN ON SHEET LT-54. CONCRETE FOUNDATION, PAD AND CABINET PAINTED IN GREEN AS SHOWN ON LT-53 ARE NOT REQUIRED FOR TEMPORARY LIGHTING CONTROLLER. OPENINGS IN THE CABINET SHALL BE WEATHERPROOF SEALED AT ALL TIMES.



FILE NAME = D:\60X10-sh-t-light-22-Weber02_MOT_PSI.dgn

KNIGHT
Engineers & Architects

USER NAME = dbarnes	DESIGNED MLB	REVISED -
PLOT SCALE = 1:1000	DRAWN MLB	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - WEBER ROAD**

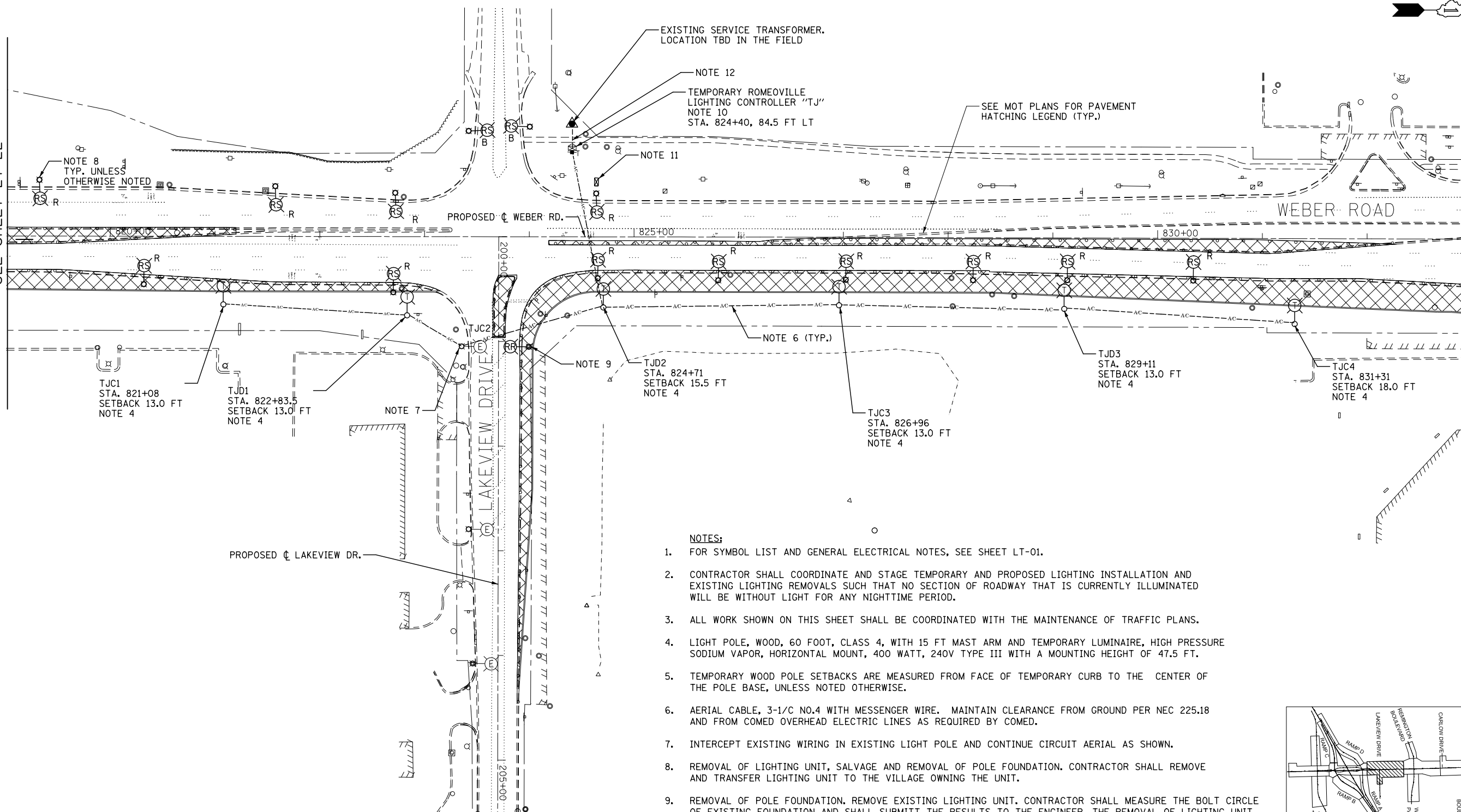
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	949
LT-22			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



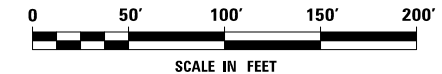
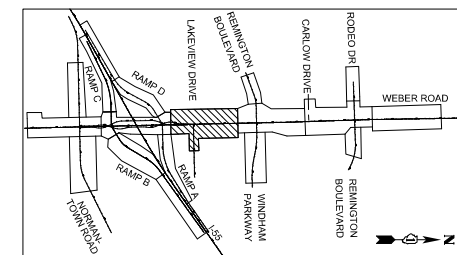
MATCH LINE STA. 819+00
SEE SHEET LT-22

MATCH LINE STA. 833+00
SEE SHEET LT-24



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
5. TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM FACE OF TEMPORARY CURB TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
6. AERIAL CABLE, 3-1/8 NO.4 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
7. INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND CONTINUE CIRCUIT AERIAL AS SHOWN.
8. REMOVAL OF LIGHTING UNIT, SALVAGE AND REMOVAL OF POLE FOUNDATION. CONTRACTOR SHALL REMOVE AND TRANSFER LIGHTING UNIT TO THE VILLAGE OWNING THE UNIT.
9. REMOVAL OF POLE FOUNDATION. REMOVE EXISTING LIGHTING UNIT. CONTRACTOR SHALL MEASURE THE BOLT CIRCLE OF EXISTING FOUNDATION AND SHALL SUBMIT THE RESULTS TO THE ENGINEER. THE REMOVAL OF LIGHTING UNIT AND THE BOLT CIRCLE MEASUREMENT SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
10. TEMPORARY LIGHTING CONTROLLER, SPECIAL, 100A, 240/480 VOLT, 3 WIRE INSTALLED ON WOOD POLE SUPPORT. SEE SHEETS LT-52A AND LT-54 AND SPECIAL PROVISIONS FOR DETAILS.
11. REMOVAL OF LIGHTING CONTROLLER AND REMOVAL OF LIGHTING CONTROLLER FOUNDATION.
12. AERIAL CABLE, 3-1/8 NO. 2 WITH MESSENGER WIRE.



FILE NAME = D:\60X10-shr-light+23-Weber-03.MOT_PSI.dgn



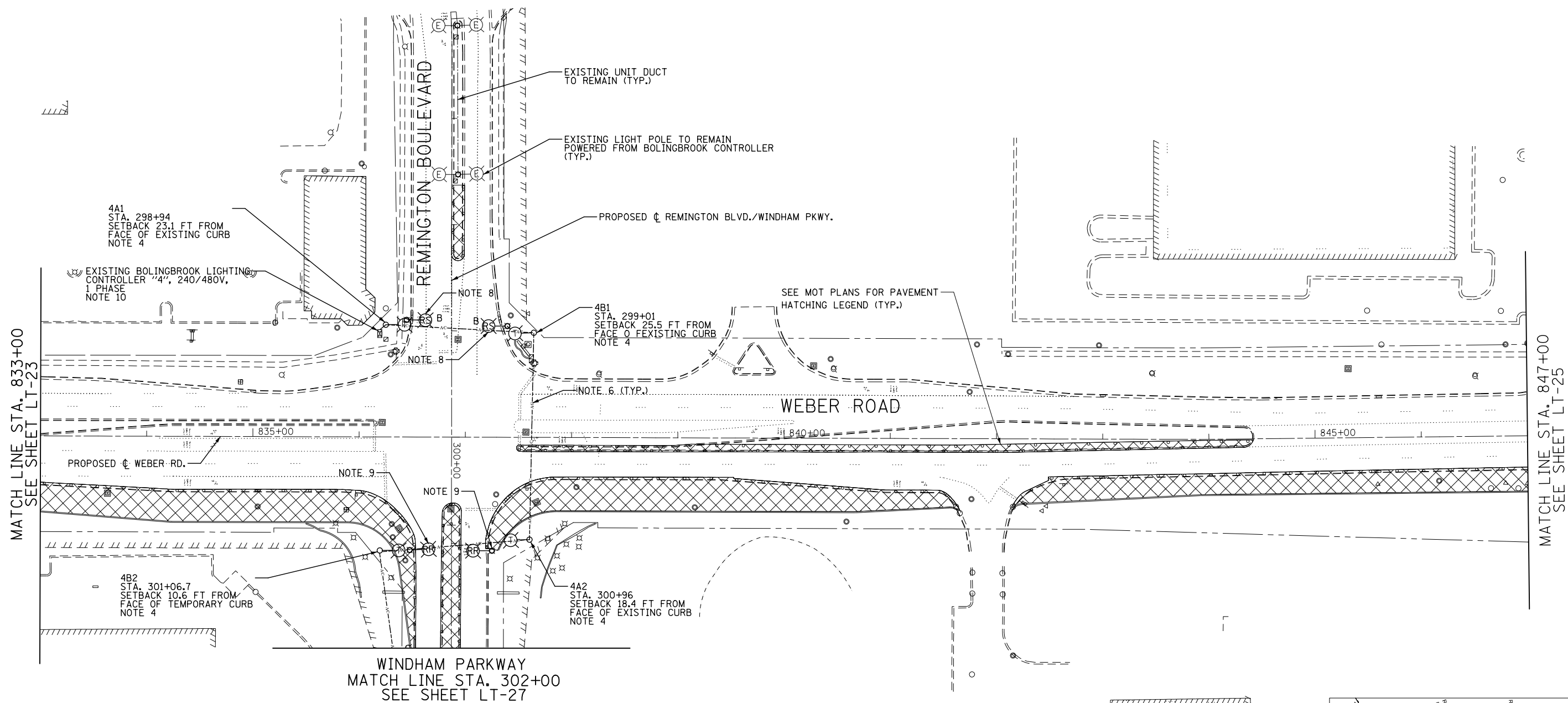
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - WEBER ROAD**

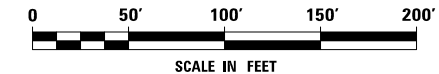
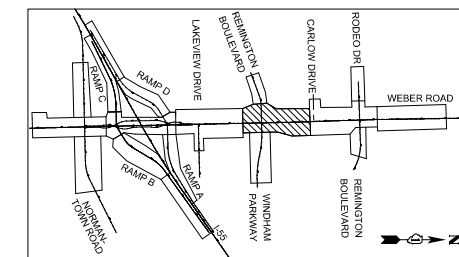
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	950
LT-23			CONTRACT NO. 60X10	
<small>* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT</small>				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
5. TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM FACE OF THE CURB TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
6. AERIAL CABLE, 3-1/C NO.4 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
7. INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND CONTINUE CIRCUIT TO TEMPORARY LIGHT POLE.
8. REMOVAL OF LIGHTING UNIT, SALVAGE AND REMOVAL OF POLE FOUNDATION. CONTRACTOR SHALL REMOVE AND TRANSFER LIGHTING UNIT TO THE VILLAGE OWNING THE UNIT.
9. REMOVAL OF POLE FOUNDATION. REMOVE EXISTING LIGHTING UNIT. CONTRACTOR SHALL MEASURE THE BOLT CIRCLE OF EXISTING FOUNDATION AND SHALL SUBMIT THE RESULTS TO THE ENGINEER. THE REMOVAL OF LIGHTING UNIT AND THE BOLT CIRCLE MEASUREMENT SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
10. SEE "MODIFY EXISTING LIGHTING CONTROLLER" SPECIAL PROVISIONS FOR DETAILS REGARDING TEMPORARY CONNECTIONS.
11. CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



FILE NAME : D:\60X10-sh-t-light-24-Weber04_MOT_PSI.dgn



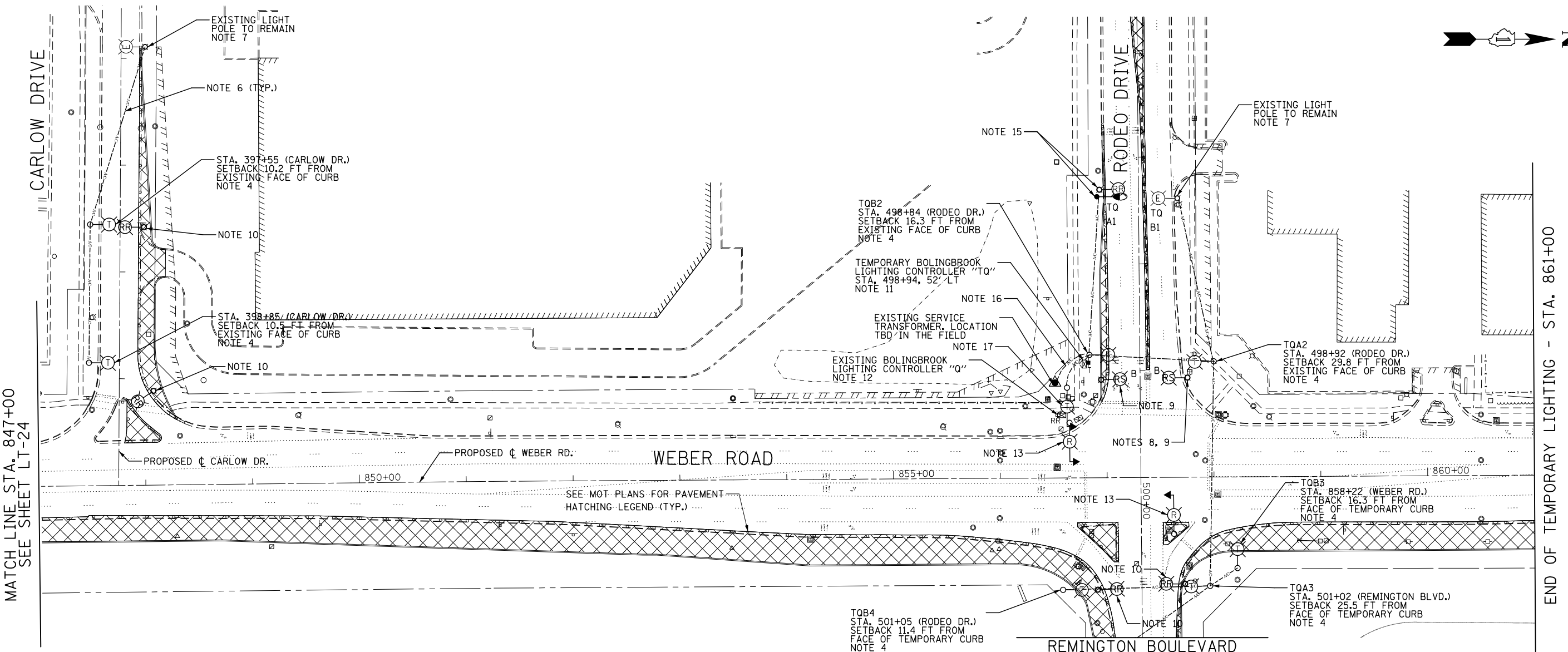
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	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - WEBER ROAD**

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	951
LT-24			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



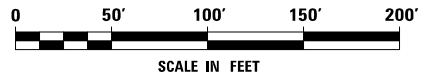
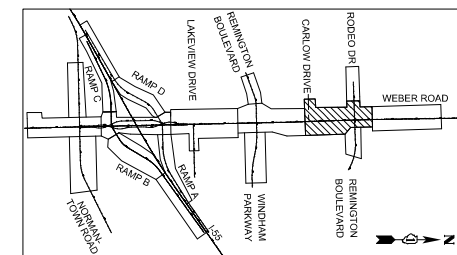
MATCH LINE STA. 847+00
SEE SHEET LT-24

END OF TEMPORARY LIGHTING - STA. 861+00

NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
5. TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM EDGE OF PAVEMENT TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
6. AERIAL CABLE, 3-1/8 NO.4 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
7. INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND CONTINUE CIRCUIT TO TEMPORARY LIGHT POLE.
8. DISCONNECT "BOLINGBROOK GOLF CLUB" LIGHTED SIGN AND TRANSFER SIGN TO VILLAGE OF BOLINGBROOK. REMOVAL SHALL BE INCLUDED IN "REMOVE EXISTING STREET LIGHTING EQUIPMENT" PAY ITEM.
9. REMOVAL OF LIGHTING UNIT, SALVAGE AND REMOVAL OF POLE FOUNDATION. CONTRACTOR SHALL REMOVE AND TRANSFER LIGHTING UNIT TO THE VILLAGE OWNING THE UNIT.
10. REMOVAL OF POLE FOUNDATION. REMOVE EXISTING LIGHTING UNIT. CONTRACTOR SHALL MEASURE THE BOLT CIRCLE OF EXISTING FOUNDATION AND SHALL SUBMIT THE RESULTS TO THE ENGINEER. THE REMOVAL OF LIGHTING UNIT AND THE BOLT CIRCLE MEASUREMENT SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
11. TEMPORARY LIGHTING CONTROLLER, SPECIAL, 100A, 240/480 VOLT, 3 WIRE INSTALLED ON WOOD POLE SUPPORT. SEE SHEETS LT-52A AND LT-54 AND SPECIAL PROVISIONS FOR DETAILS.
12. REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER.
13. REMOVAL OF COMBINATION LIGHT POLE IS INCLUDED IN TRAFFIC SIGNAL WORK. SEE TRAFFIC SIGNAL SHEETS FOR DETAILS.
14. CONTRACTOR SHALL REMOVE ALL TEMPORARY LIGHTING ITEMS PRIOR TO THE END OF CONTRACT.
15. REMOVAL OF POLE FOUNDATION, LIGHT POLE FOUNDATION, 24" DIA., AND RELOCATE EXISTING LIGHTING UNIT. SEE PROPOSED PLANS FOR LIGHT POLE AND NEW POLE FOUNDATION LOCATION.
16. AERIAL CABLE, 3-1/8 NO.2 WITH MESSENGER WIRE. SERVICE AERIAL CABLE SHALL BE INCLUDED IN THE COST OF "TEMPORARY LIGHTING CONTROLLER" PAY ITEM.
17. TEMPORARY LIGHTING FOR INTERSECTION MOUNTED ON TRAFFIC SIGNAL POLE. WOOD POLE INSTALLED UNDER TRAFFIC SIGNAL PLANS. MAST ARM, STREET LIGHTING, 15', TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT (240V, 47.5' M.H., TYPE III) AND WIRING PROVIDED BY LIGHTING CONTRACTOR.
18. CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.

REMINGTON BOULEVARD
MATCH LINE STA. 501+50
SEE SHEET LT-28



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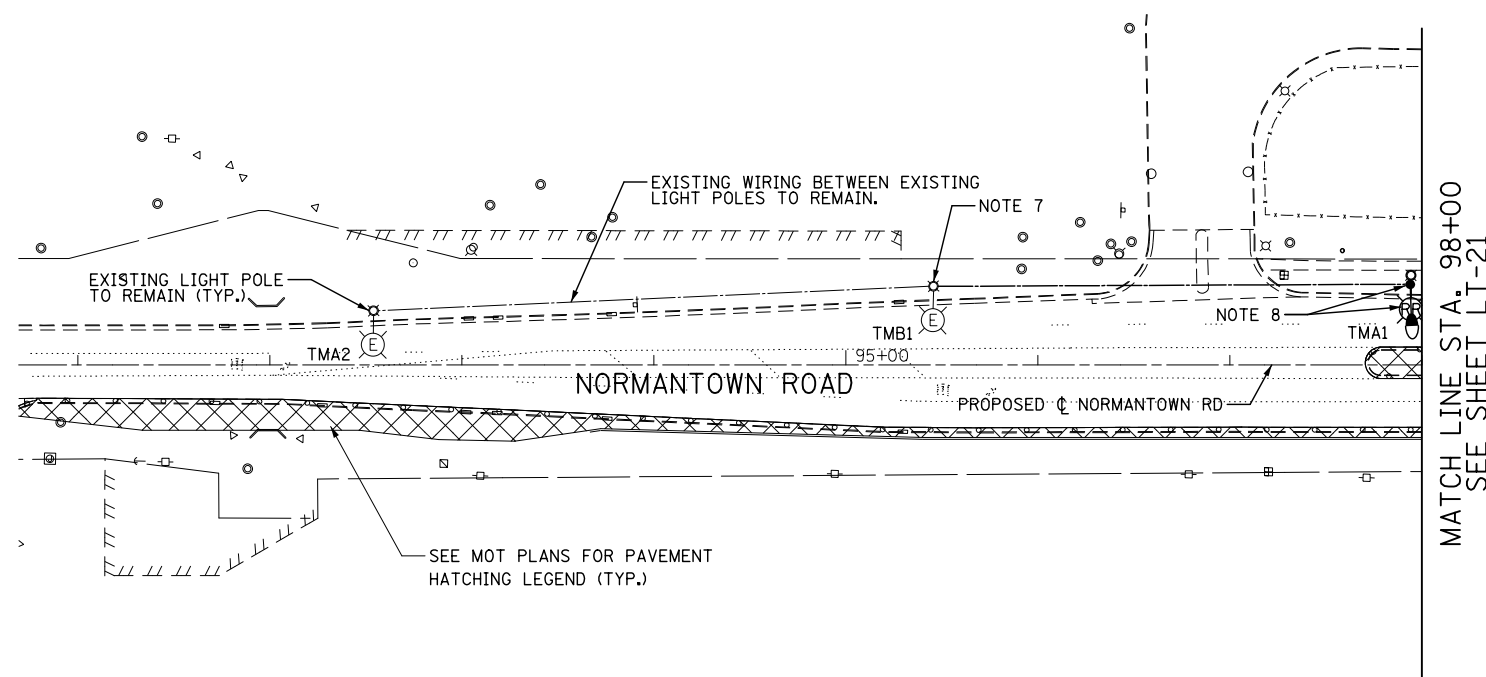


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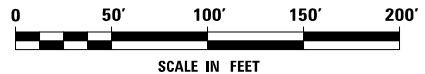
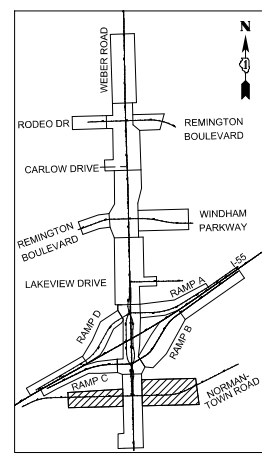
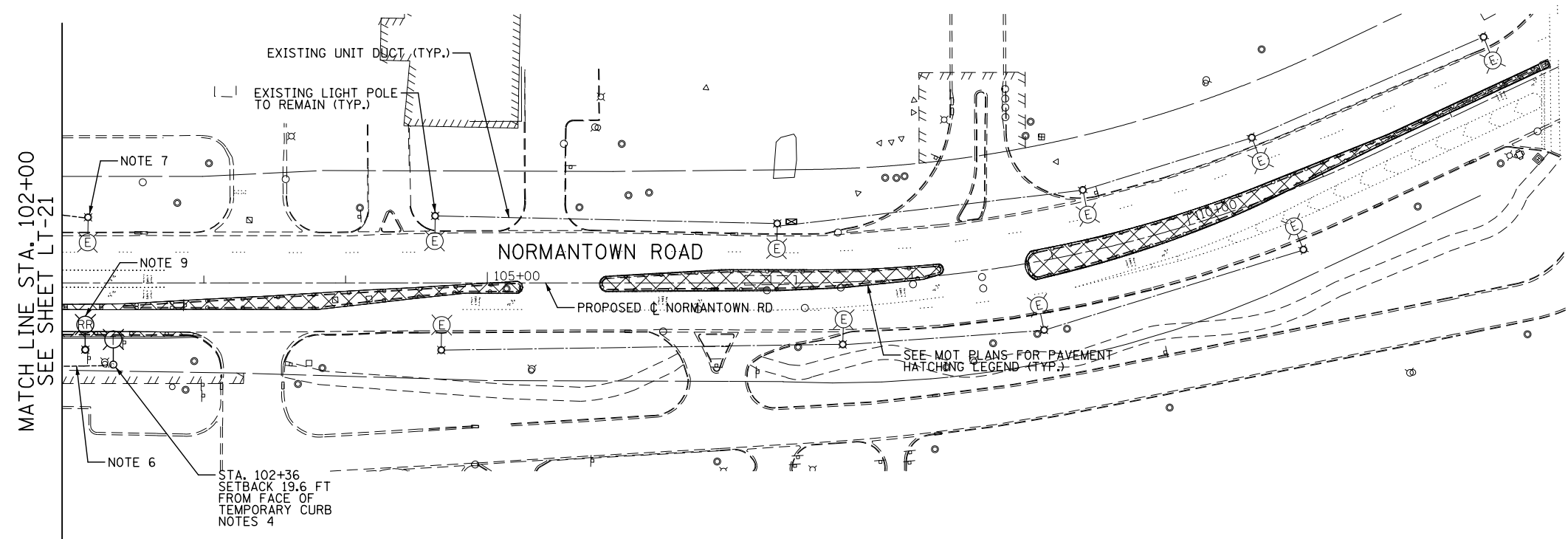
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING AND REMOVAL PLAN			
MOT PRESTAGE 1 - WEBER ROAD			
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	952
LT-25			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



- NOTES:**
1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
 5. TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM EDGE OF PAVEMENT TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
 6. AERIAL CABLE, 3-1/8 NO.4 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 7. INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND CONTINUE CIRCUIT TO TEMPORARY LIGHT POLE.
 8. REMOVAL OF POLE FOUNDATION AND RELOCATE EXISTING LIGHTING UNIT. SEE PROPOSED PLANS FOR LIGHT POLE AND NEW POLE FOUNDATION LOCATION.
 9. REMOVAL OF POLE FOUNDATION. REMOVE EXISTING LIGHTING UNIT. CONTRACTOR SHALL MEASURE THE BOLT CIRCLE OF EXISTING FOUNDATION AND SHALL SUBMIT THE RESULTS TO THE ENGINEER. THE REMOVAL OF LIGHTING UNIT AND THE BOLT CIRCLE MEASUREMENT SHALL BE INCLUDED IN "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.



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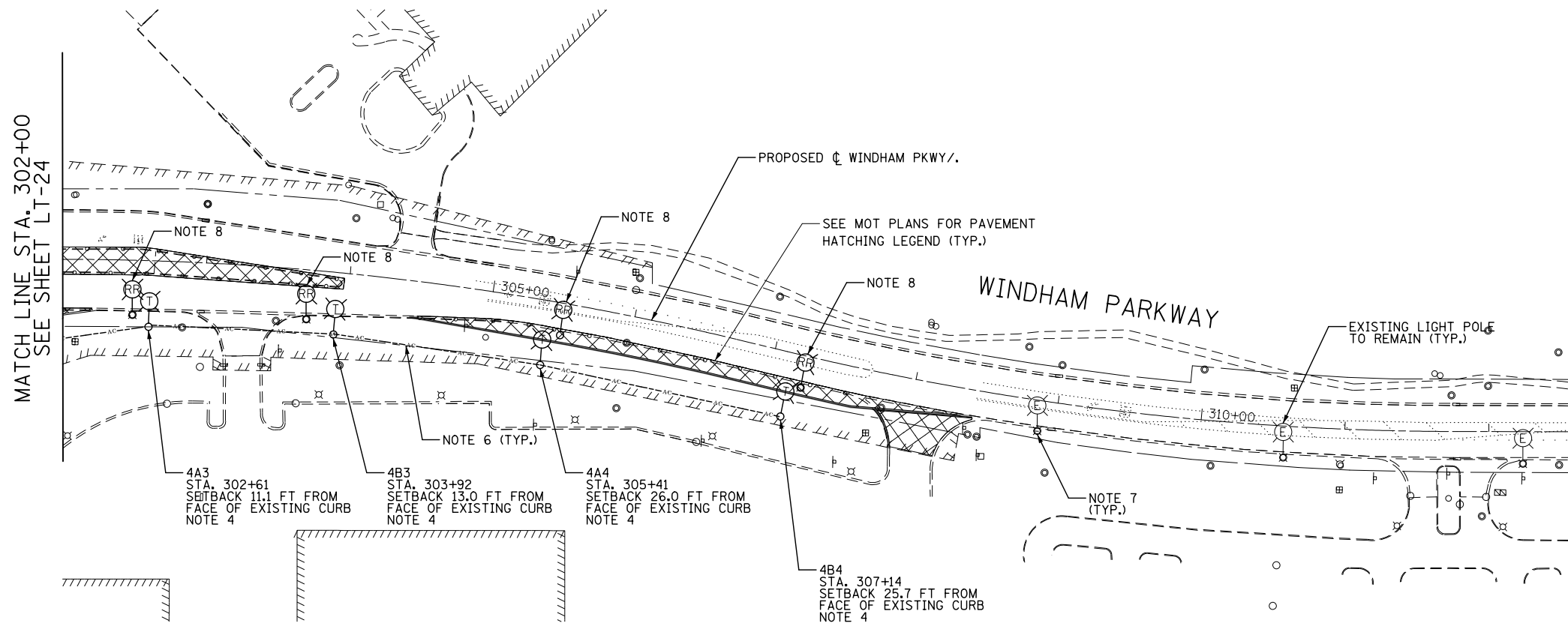
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - NORMANTOWN ROAD**

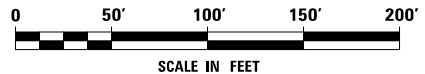
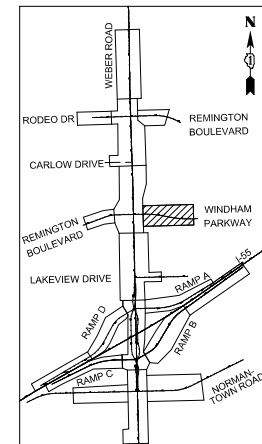
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	953
LT-26			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
5. TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM EDGE OF PAVEMENT TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
6. AERIAL CABLE, 3-1/8 NO.4 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
7. EXISTING LIGHT POLE TO REMAIN.
8. REMOVAL OF POLE FOUNDATION. REMOVE EXISTING LIGHTING UNIT. CONTRACTOR SHALL MEASURE THE BOLT CIRCLE OF EXISTING FOUNDATION AND SHALL SUBMIT THE RESULTS TO THE ENGINEER. THE REMOVAL OF LIGHTING UNIT AND THE BOLT CIRCLE MEASUREMENT SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
9. CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



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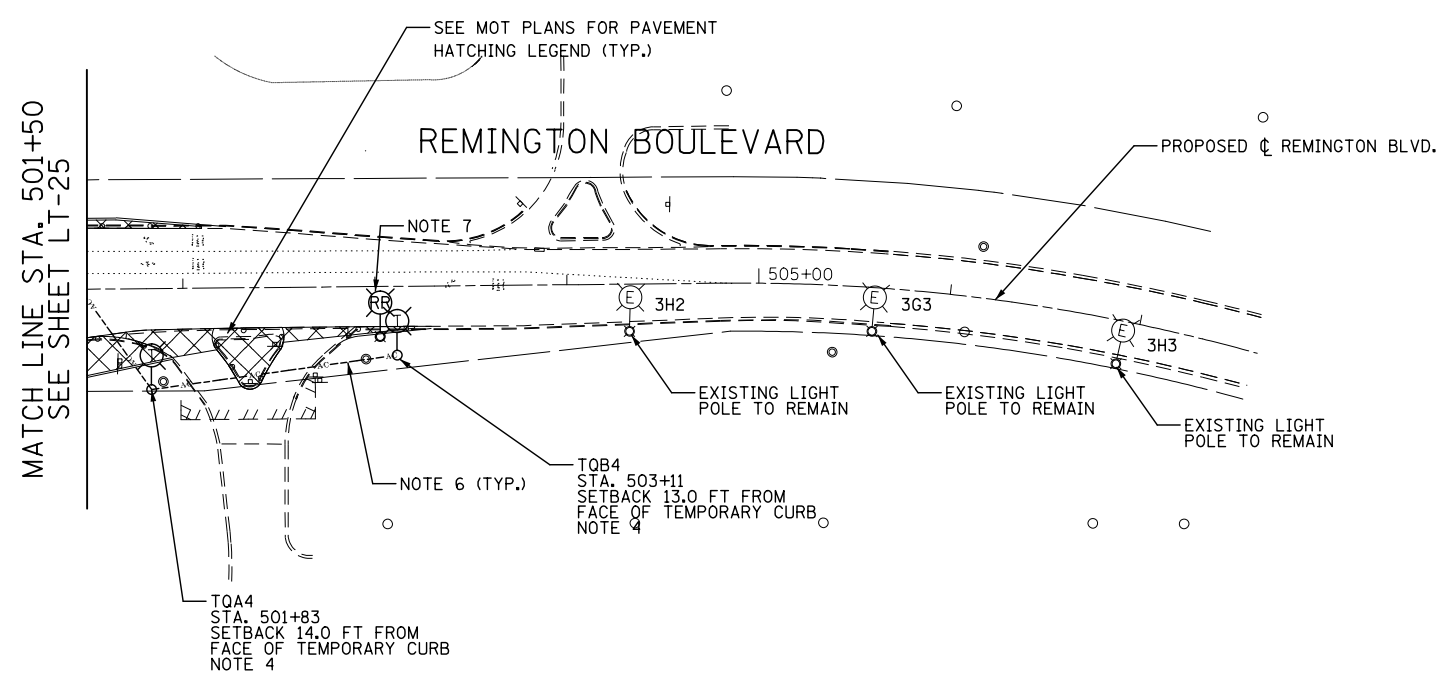
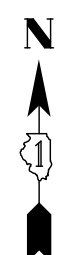
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

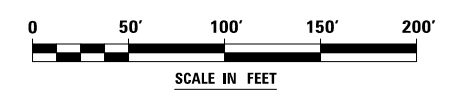
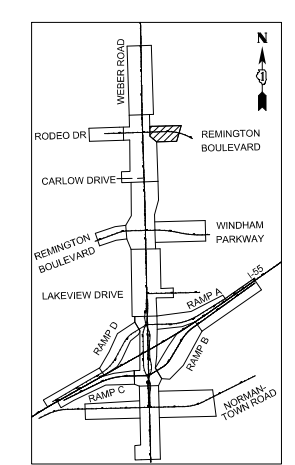
**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - WINDHAM PARKWAY**

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	954
LT-27			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



- NOTES:**
1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
 5. TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM EDGE OF PAVEMENT TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
 6. AERIAL CABLE, 3-1/8 NO.4 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 7. REMOVAL OF POLE FOUNDATION. REMOVE EXISTING LIGHTING UNIT. CONTRACTOR SHALL MEASURE THE BOLT CIRCLE OF EXISTING FOUNDATION AND SHALL SUBMIT THE RESULTS TO THE ENGINEER. THE REMOVAL OF LIGHTING UNIT AND THE BOLT CIRCLE MEASUREMENT SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.



FILE NAME : D:\60X10-shr-light-28-RodeoRemington.MOT_PSI.dgn



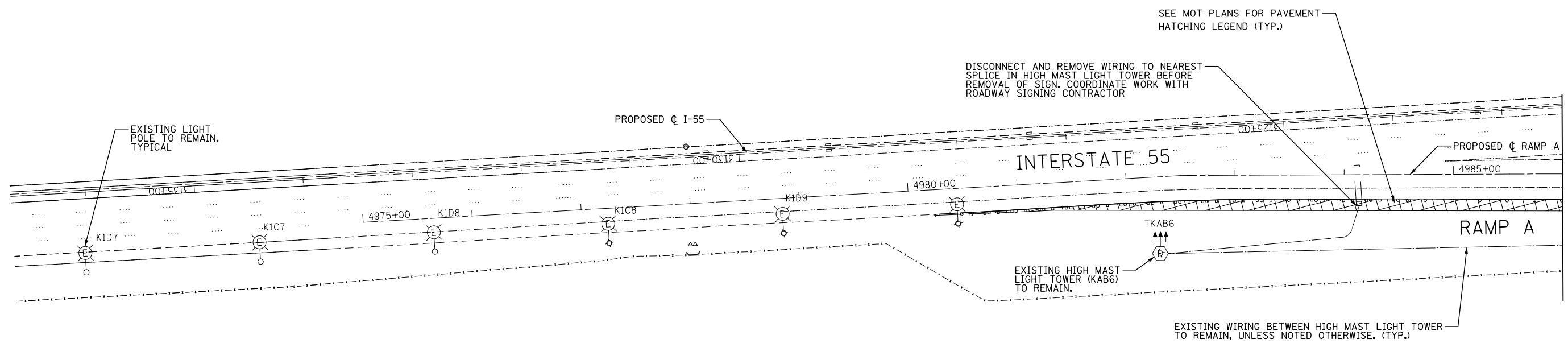
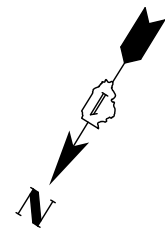
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

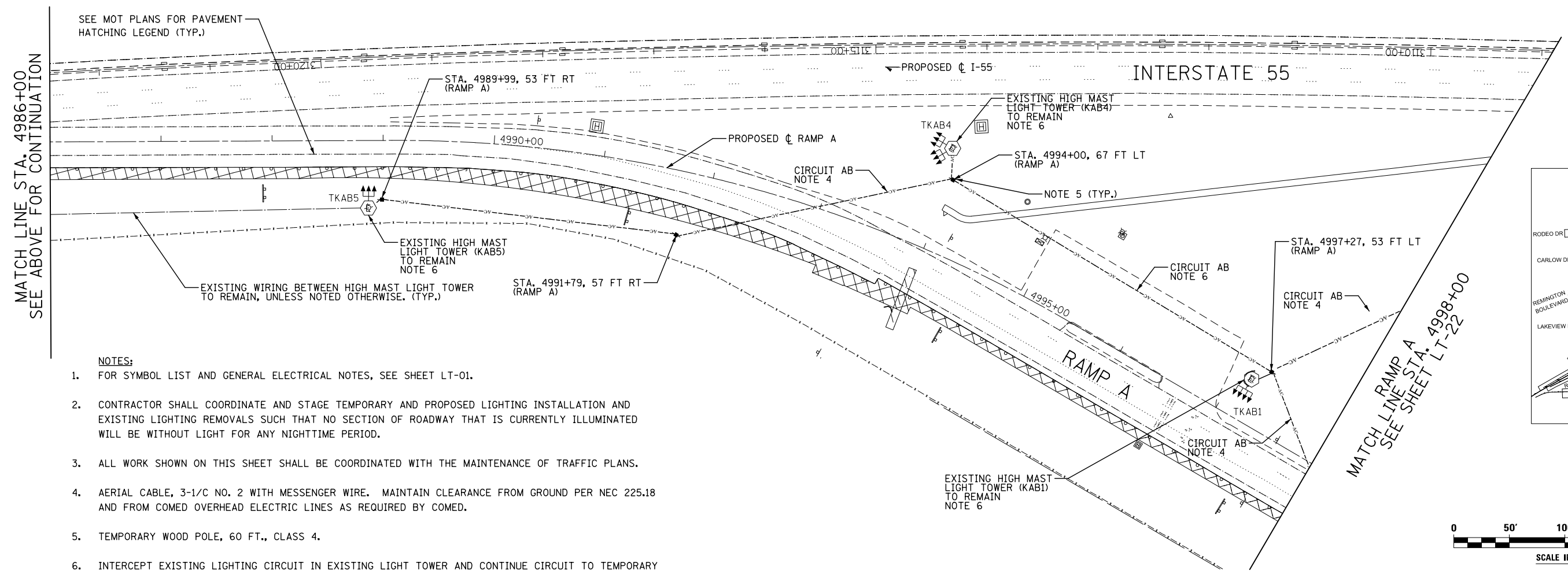
**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 – RODEO DR./REMINGTON BLVD.**

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	955
LT-28			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

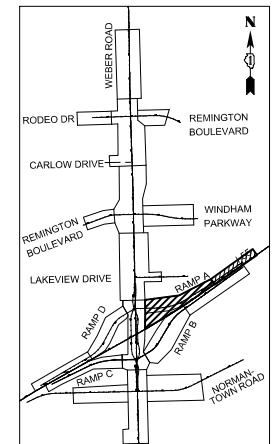


MATCH LINE STA. 4986+00
SEE BELOW FOR CONTINUATION

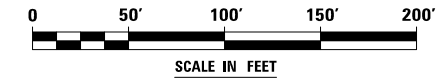


MATCH LINE STA. 4986+00
SEE ABOVE FOR CONTINUATION

MATCH LINE RAMP A
SEE SHEET LT-22



- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 - ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 - AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 - TEMPORARY WOOD POLE, 60 FT., CLASS 4.
 - INTERCEPT EXISTING LIGHTING CIRCUIT IN EXISTING LIGHT TOWER AND CONTINUE CIRCUIT TO TEMPORARY WOOD POLE.



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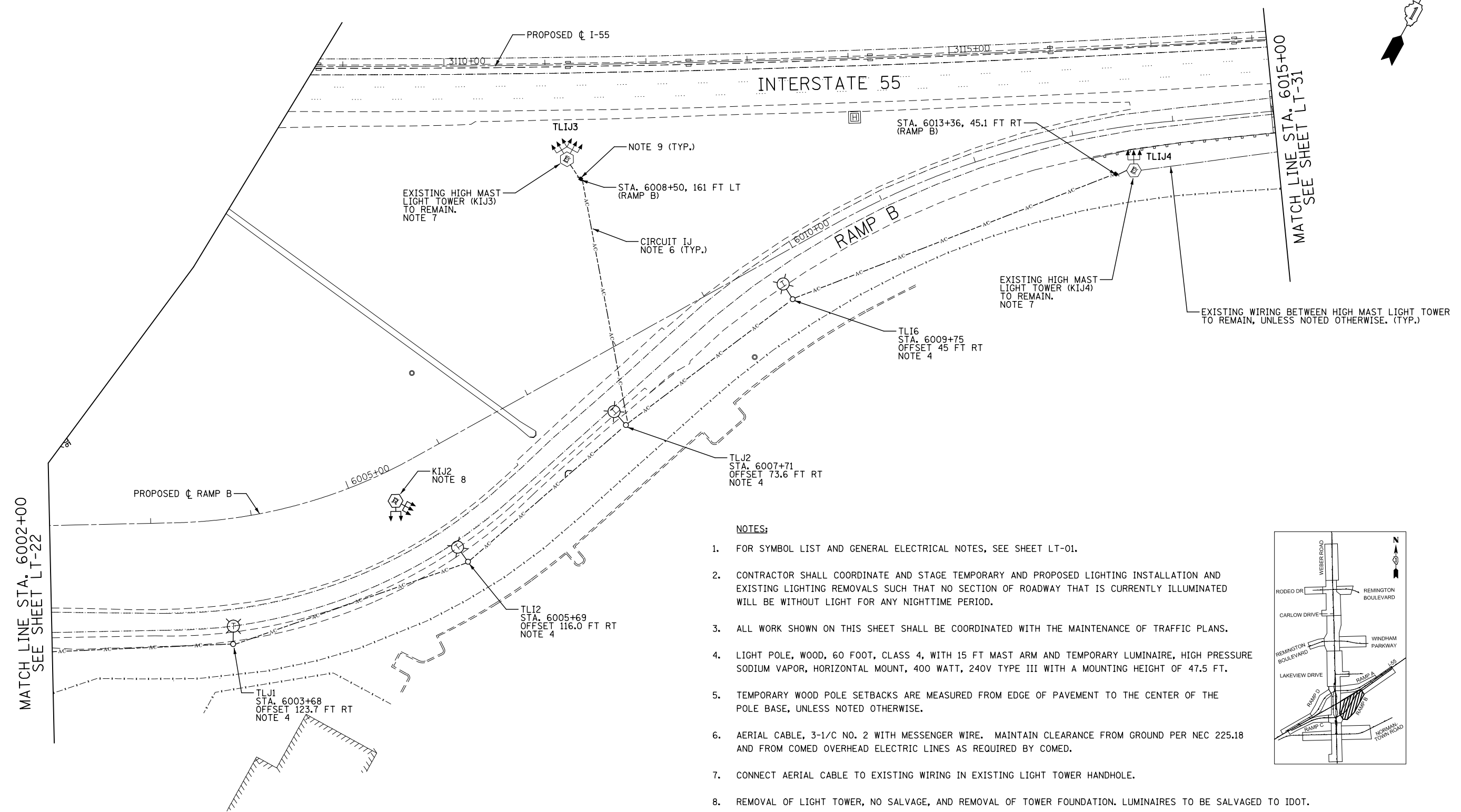
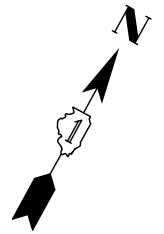
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		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - RAMP A**

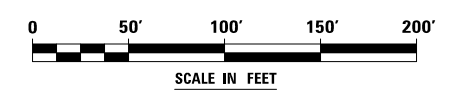
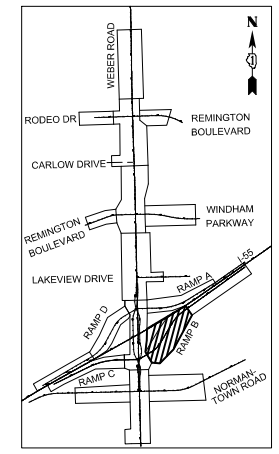
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F.A.I./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	956
LT-29			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
5. TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM EDGE OF PAVEMENT TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
6. AERIAL CABLE, 3-1/8 NO. 2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
7. CONNECT AERIAL CABLE TO EXISTING WIRING IN EXISTING LIGHT TOWER HANDHOLE.
8. REMOVAL OF LIGHT TOWER, NO SALVAGE, AND REMOVAL OF TOWER FOUNDATION. LUMINAIRES TO BE SALVAGED TO IDOT.
9. TEMPORARY WOOD POLE, 60 FT, CLASS 4.



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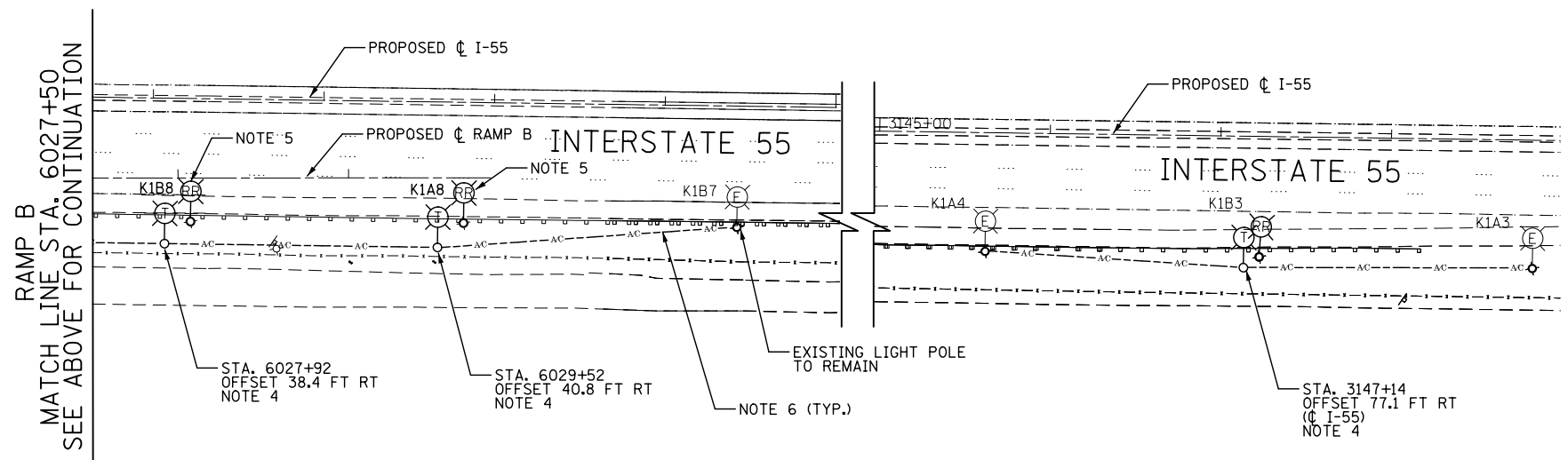
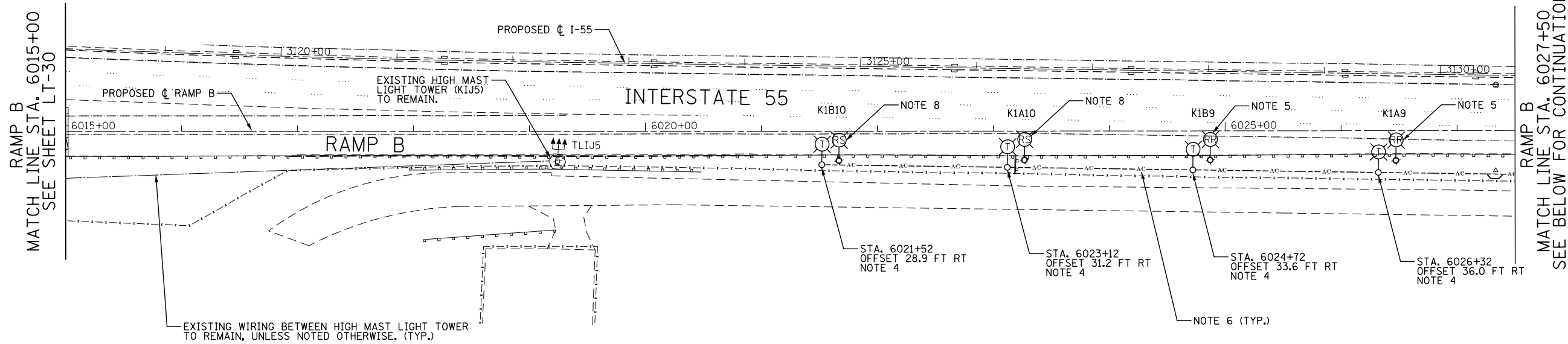
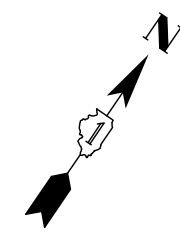
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PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

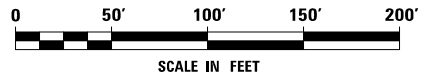
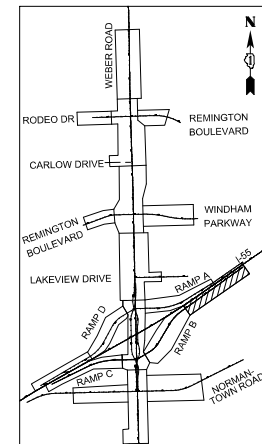
**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - RAMP B**

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	957
LT-30			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 - ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 - LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
 - REMOVAL OF POLE FOUNDATION. REMOVE EXISTING LIGHTING UNIT. THE REMOVAL OF LIGHTING UNIT SHALL BE INCLUDED IN THE "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM.
 - AERIAL CABLE, 3-1/C NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 - TEMPORARY WOOD POLE STATION/OFFSET ARE MEASURED FROM I-55, UNLESS OTHERWISE NOTED.
 - REMOVAL OF POLE FOUNDATION. REMOVE EXISTING LIGHTING UNIT, SALVAGE
 - CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



FILE NAME = D:\60X10-sh-t-light\31-155 RampB02.MOT PSI.dgn



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	DRAWN MLB	REVISED -
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PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

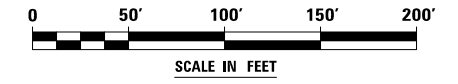
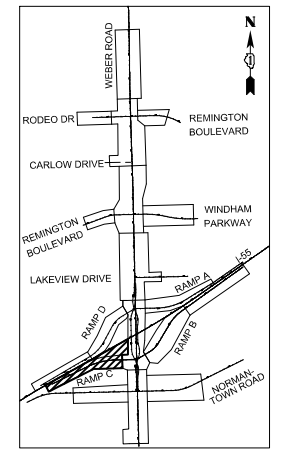
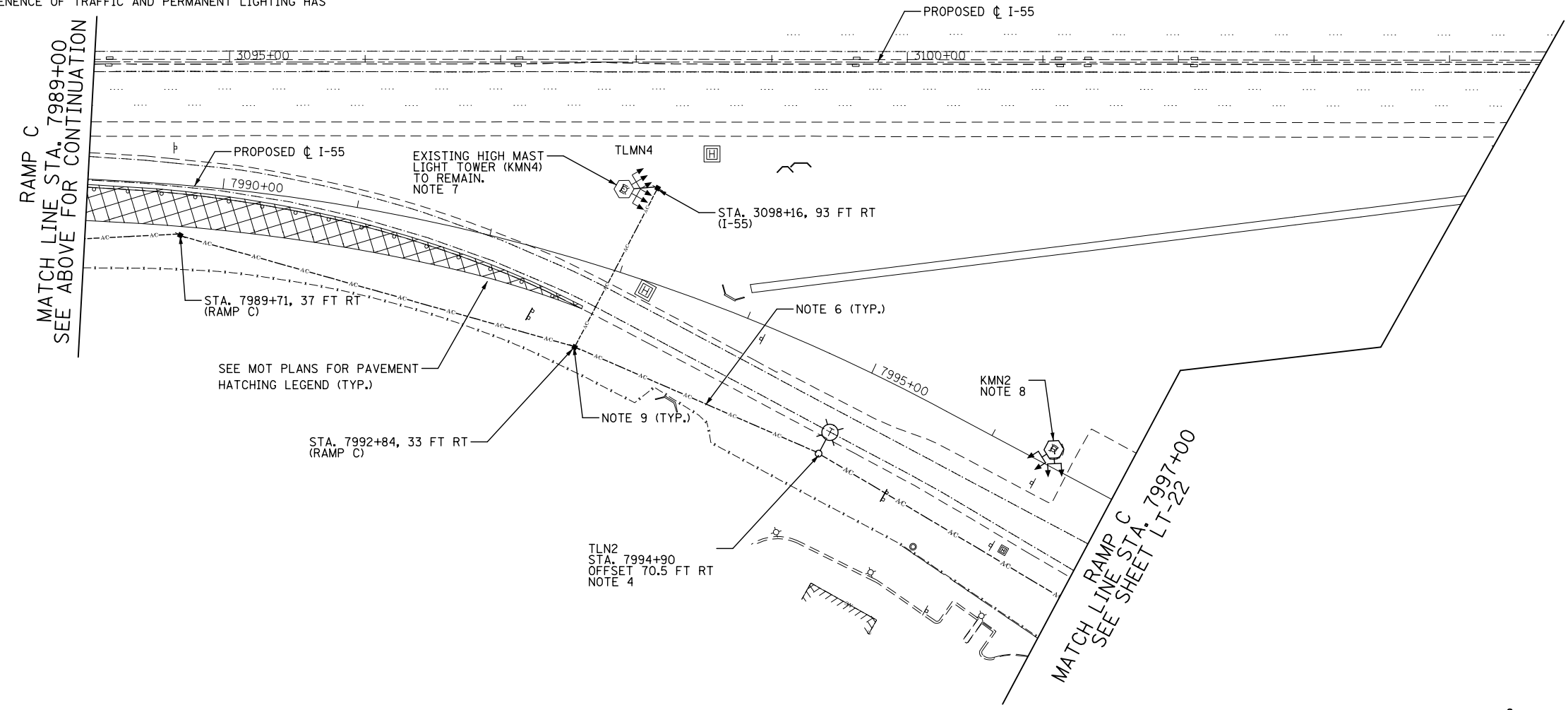
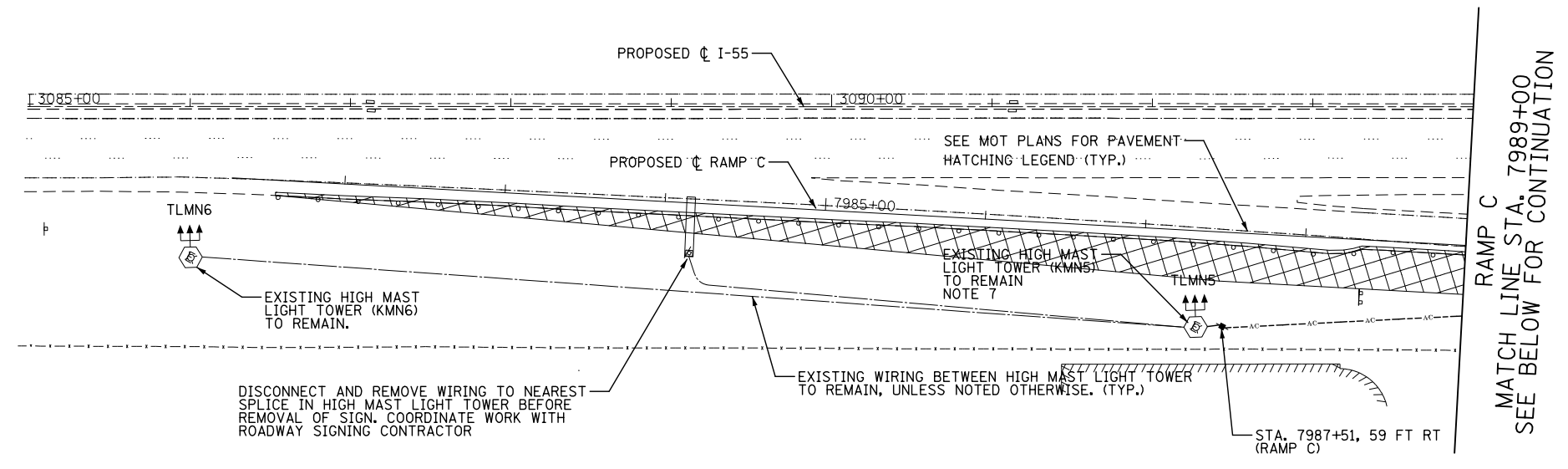
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - RAMP B**

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	958
LT-31			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 - ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 - LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
 - TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM EDGE OF PAVEMENT TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
 - AERIAL CABLE, 3-1/8 NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 - INTERCEPT EXISTING WIRING IN EXISTING TOWER HAND HOLE AND CONTINUE CIRCUIT TO TEMPORARY LIGHT POLE.
 - REMOVAL OF LIGHT TOWER, NO SALVAGE, AND REMOVAL OF TOWER FOUNDATION. LUMINAIRES TO BE SALVAGED TO IDOT.
 - TEMPORARY WOOD POLE, 60 FT, CLASS 4.
 - CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



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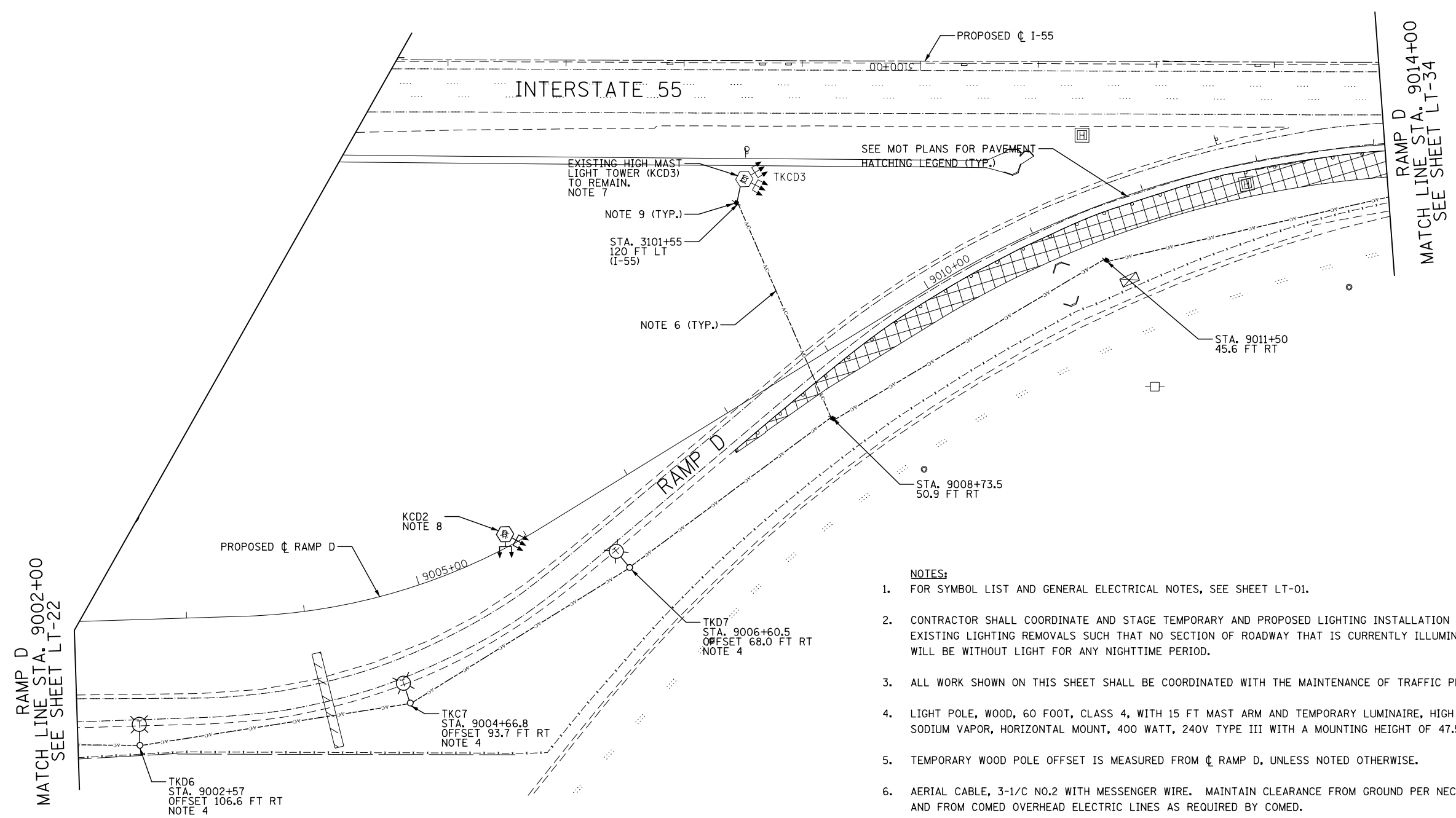
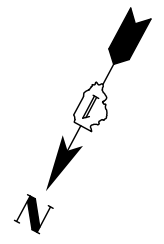
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	DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - RAMP C**

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	959
LT-32		CONTRACT NO. 60X10		
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

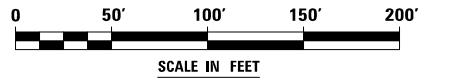
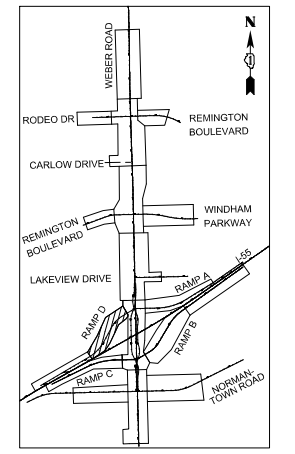


RAMP D
 MATCH LINE STA. 9002+00
 SEE SHEET LT-22

RAMP D
 MATCH LINE STA. 9014+00
 SEE SHEET LT-34

NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
5. TEMPORARY WOOD POLE OFFSET IS MEASURED FROM CL RAMP D, UNLESS NOTED OTHERWISE.
6. AERIAL CABLE, 3-1/C NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
7. CONNECT AERIAL CABLE TO EXISTING WIRING IN EXISTING LIGHT TOWER HANDHOLE.
8. REMOVAL OF LIGHT TOWER, NO SALVAGE, AND REMOVAL OF TOWER FOUNDATION. LUMINAIRES TO BE SALVAGED TO IDOT.
9. TEMPORARY WOOD POLE, 60 FT, CLASS 4.



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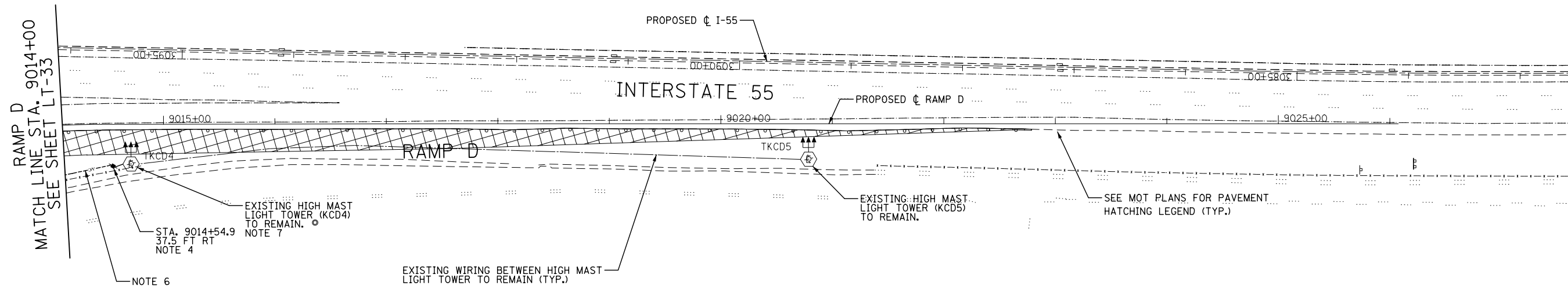
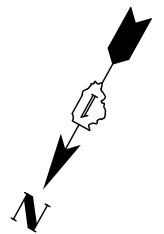
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	PLOT SCALE = 1:100	DRAWN MLB	REVISED -
	PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - RAMP D

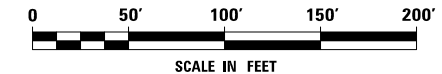
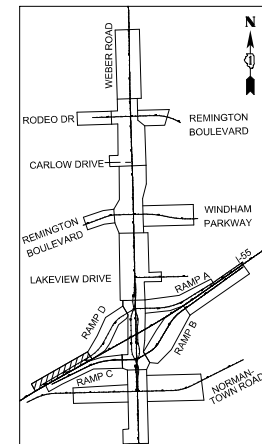
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	960
LT-33			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. TEMPORARY WOOD POLE, 60 FT, CLASS 4.
5. TEMPORARY WOOD POLE OFFSET IS MEASURED FROM RAMP D ϕ TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
6. AERIAL CABLE, 3-1/2 NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
7. CONNECT AERIAL CABLE TO EXISTING WIRING IN EXISTING LIGHT TOWER HANDHOLE.
8. CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



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	PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

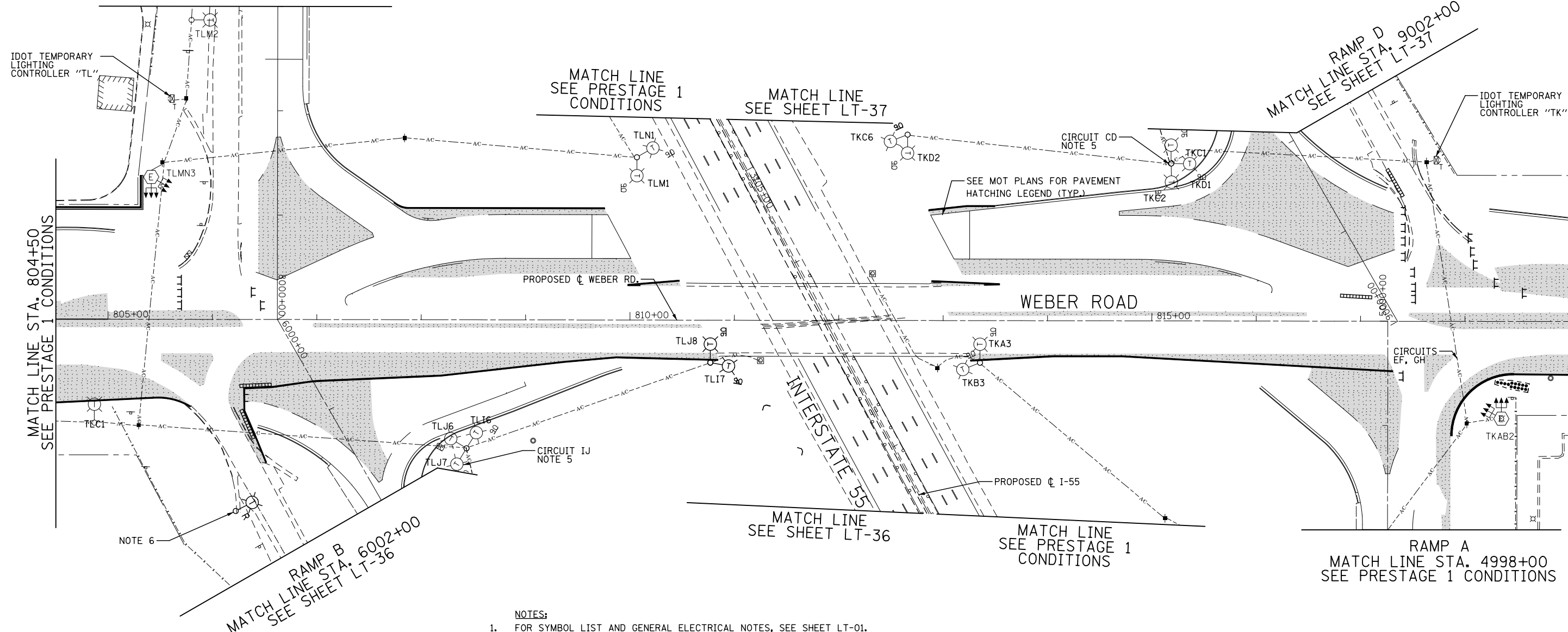
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT PRESTAGE 1 - RAMP D**

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	961
LT-34		CONTRACT NO. 60X10		
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

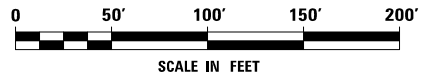
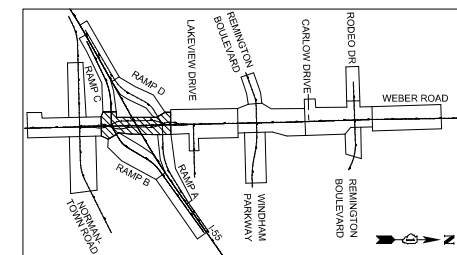
RAMP C
MATCH LINE STA. 7997+00
SEE PRESTAGE 1 CONDITIONS



MATCH LINE STA. 804+50
SEE PRESTAGE 1 CONDITIONS

MATCH LINE STA. 819+00
SEE PRESTAGE 1 CONDITIONS

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 - ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 - ALL TEMPORARY WIRING IS PREVIOUSLY INSTALLED, UNLESS CIRCUIT/CABLE IS SPECIFICALLY CALLED OUT.
 - AERIAL CABLE, 3-1/C NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 - REMOVAL OF TEMPORARY LIGHTING UNIT. REMOVAL SHALL BE DONE AFTER TRAFFIC IS SWITCHED ON TO THE NEW RAMP.



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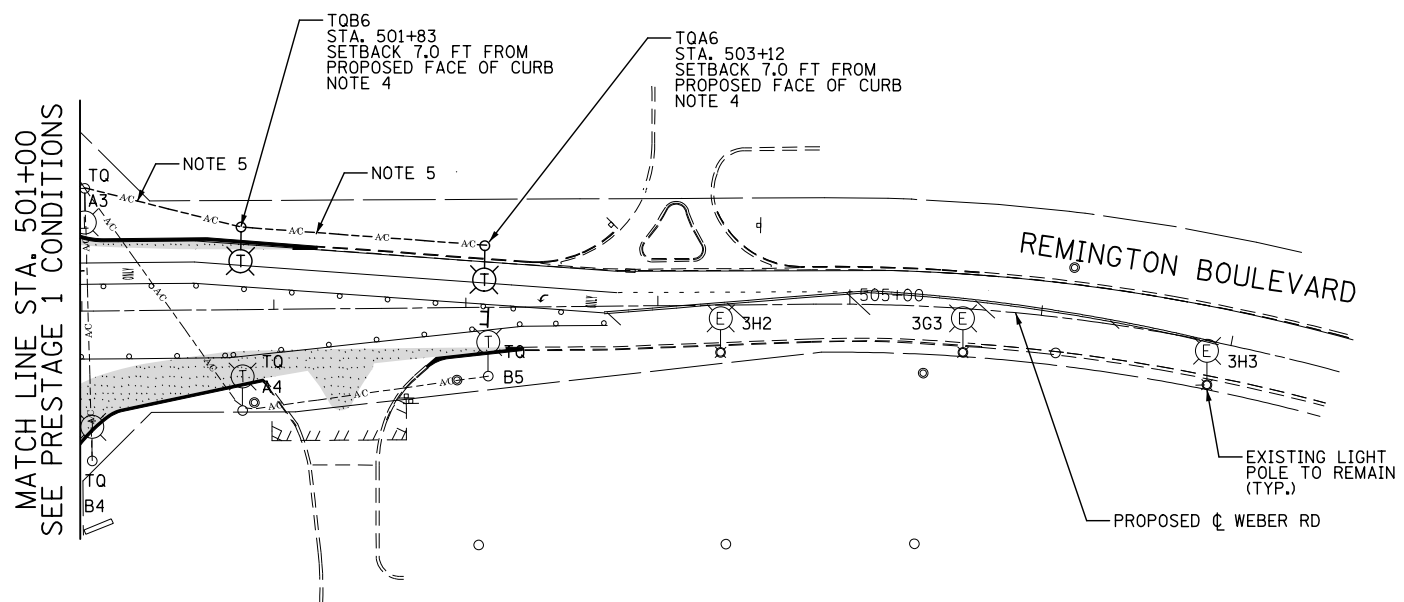
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PLOT DATE = 8/17/2017	DATE 08/25/17	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT STAGE 1A - WEBER ROAD**

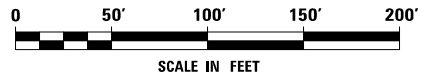
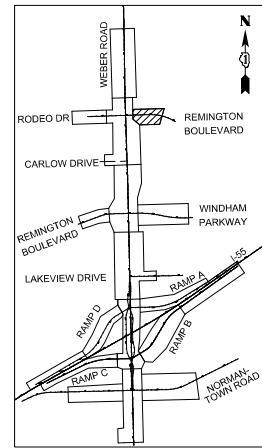
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F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	962
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X10	



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
5. AERIAL CABLE, 3-1/C NO.4 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
6. CONTRACTOR SHALL REMOVE ALL TEMPORARY LIGHTING ITEMS PRIOR TO THE END OF CONTRACT.
7. ALL TEMPORARY WIRING IS PREVIOUSLY INSTALLED, UNLESS CIRCUIT/CABLE IS SPECIFICALLY CALLED OUT.
8. CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



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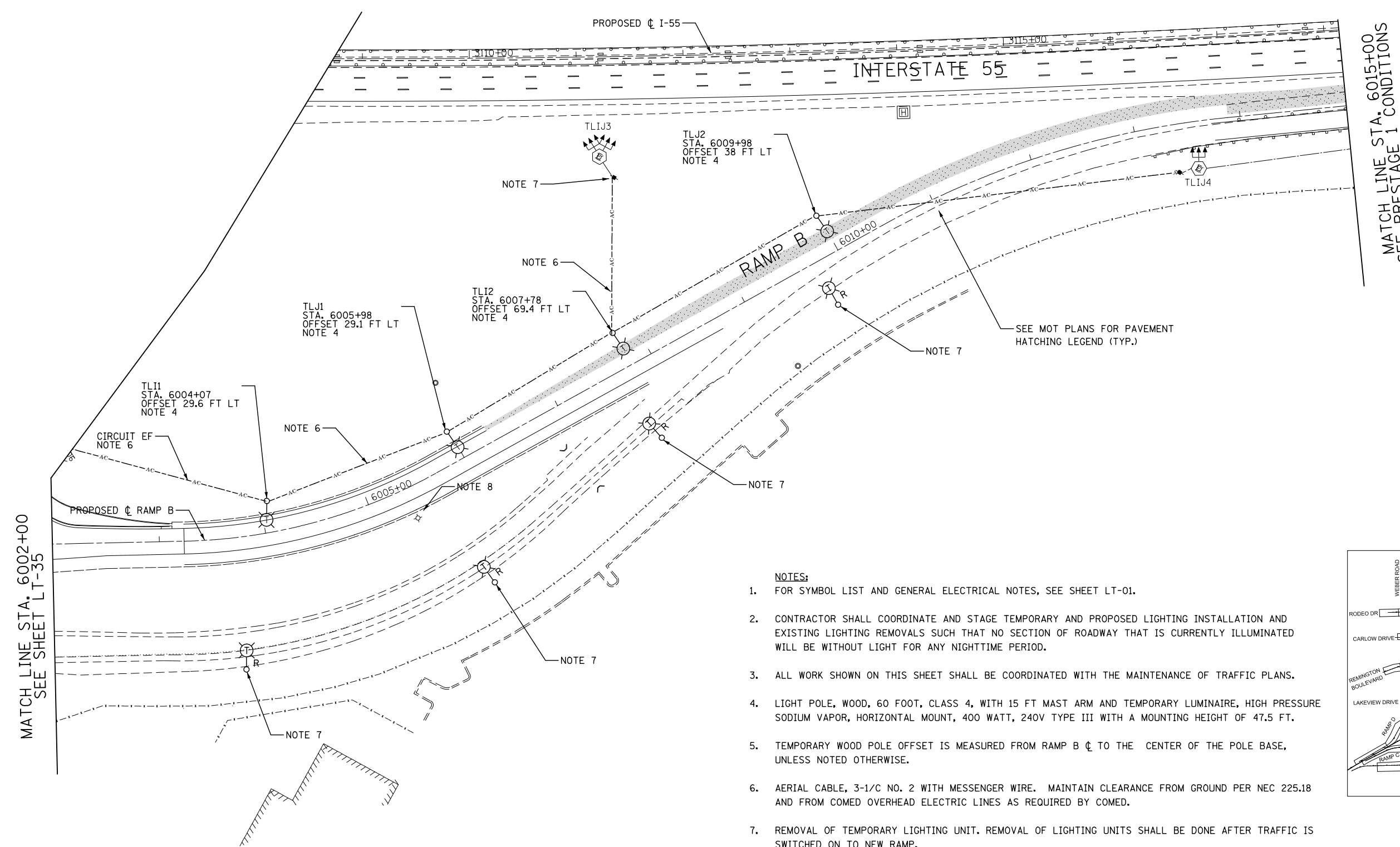
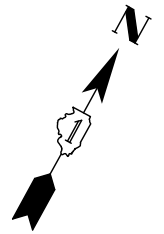
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PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT STAGE 1A - RODEO DRIVE / REMINGTON BOULEVARD**

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

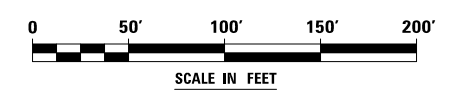
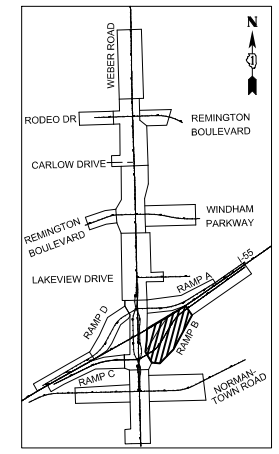
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	963
LT-36			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				



MATCH LINE STA. 6002+00
SEE SHEET LT-35

MATCH LINE STA. 6015+00
SEE PRESTAGE 1 CONDITIONS

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 - ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 - LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
 - TEMPORARY WOOD POLE OFFSET IS MEASURED FROM RAMP B ϕ TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
 - AERIAL CABLE, 3-1/8 NO. 2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 - REMOVAL OF TEMPORARY LIGHTING UNIT. REMOVAL OF LIGHTING UNITS SHALL BE DONE AFTER TRAFFIC IS SWITCHED ON TO NEW RAMP.
 - ALL TEMPORARY WIRING IS PREVIOUSLY INSTALLED, UNLESS CIRCUIT/CABLE IS SPECIFICALLY CALLED OUT.
 - CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



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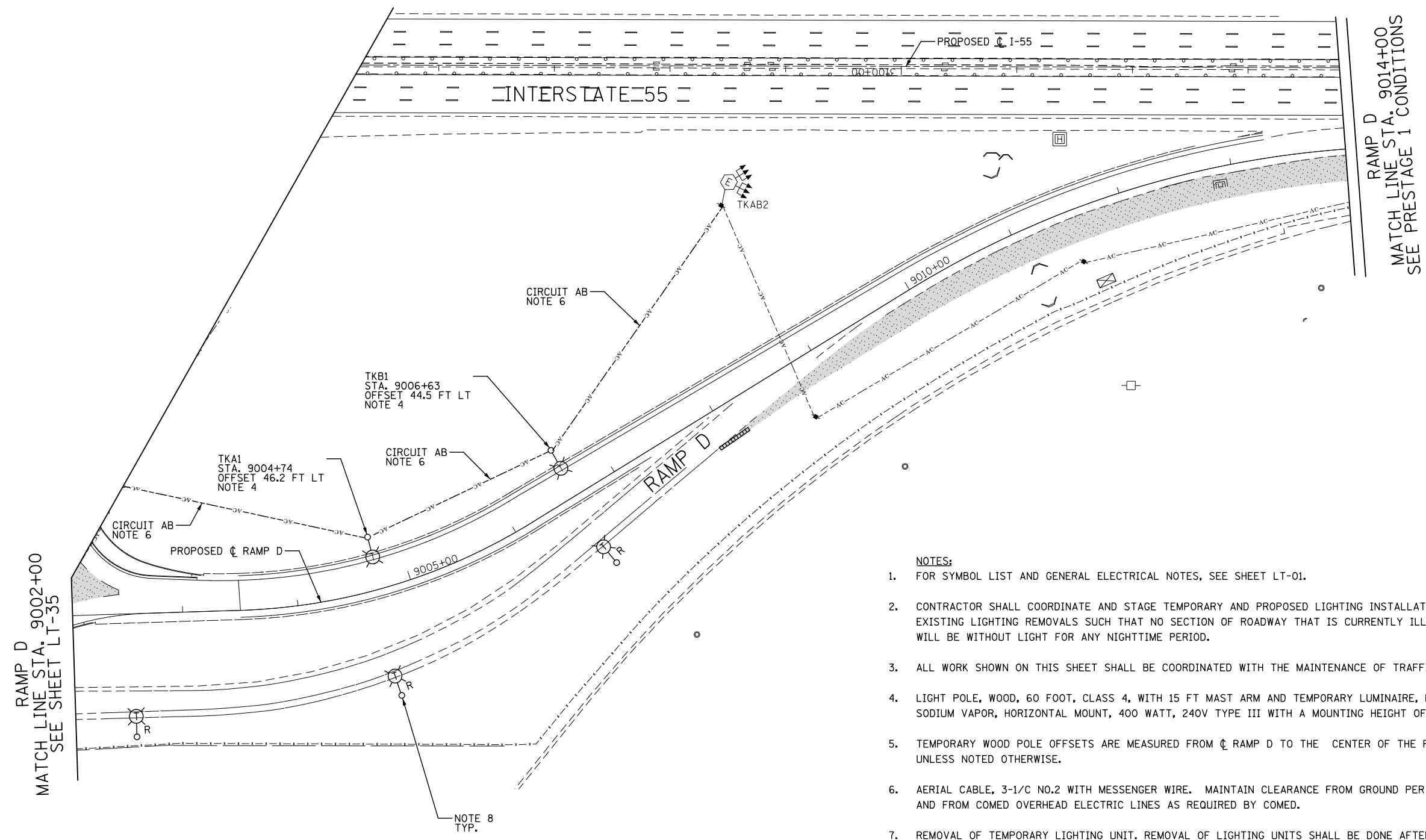
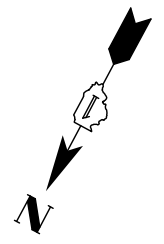
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DRAWN MLB	REVISOR -	
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PLOT DATE = 8/17/2017	DATE 08/25/17	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

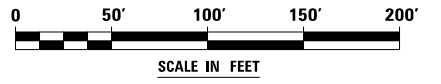
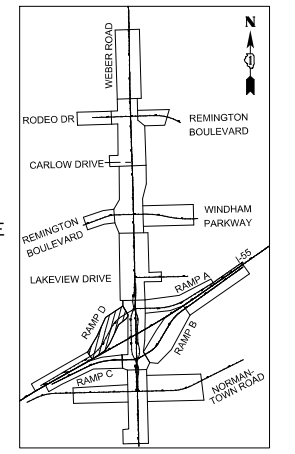
**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT STAGE 1A - RAMP B**

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	964
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X10	



- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 - ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 - LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
 - TEMPORARY WOOD POLE OFFSETS ARE MEASURED FROM C RAMP D TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
 - AERIAL CABLE, 3-1/C NO.2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 - REMOVAL OF TEMPORARY LIGHTING UNIT. REMOVAL OF LIGHTING UNITS SHALL BE DONE AFTER TRAFFIC IS SWITCHED ON TO NEW RAMP.
 - ALL TEMPORARY WIRING IS PREVIOUSLY INSTALLED, UNLESS CIRCUIT/CABLE IS SPECIFICALLY CALLED OUT.
 - CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



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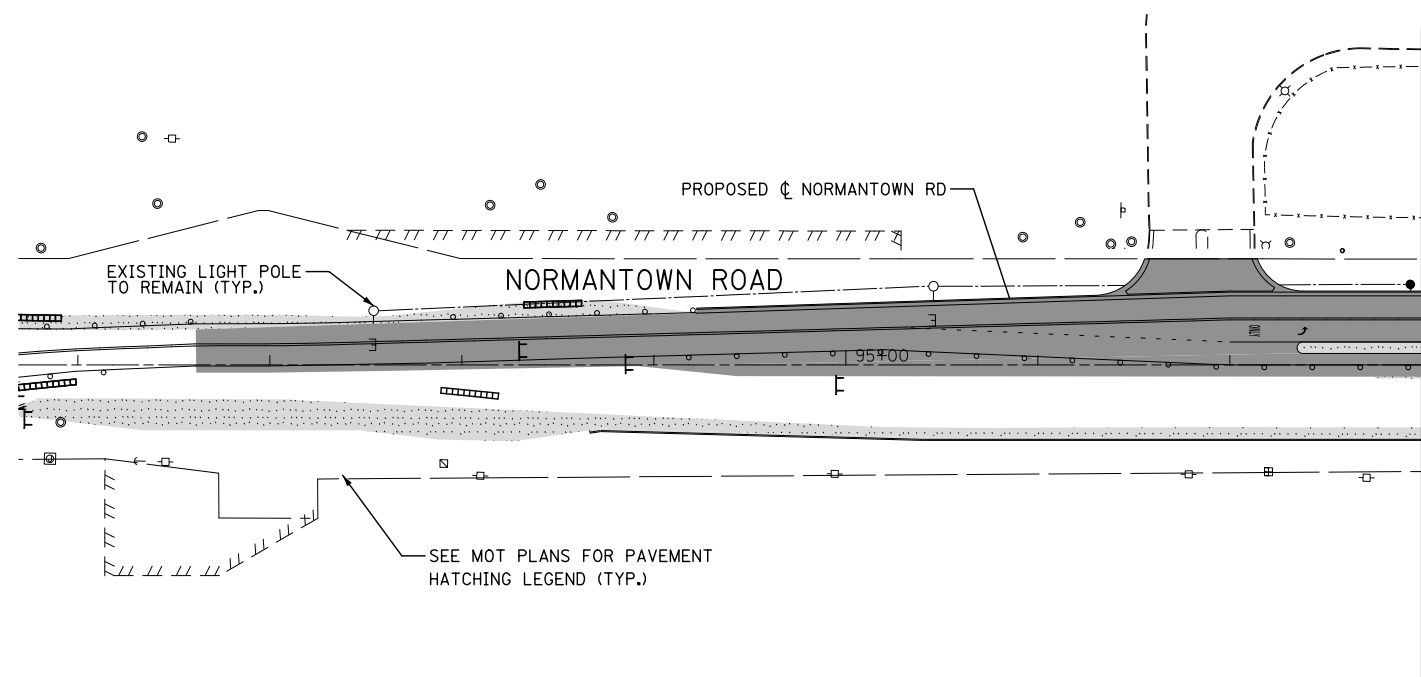
KNIGHT Engineers & Architects	USER NAME = dbarnes	DESIGNED MLB	REVISED -
	PLOT SCALE = 1:100	DRAWN MLB	REVISED -
	PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT STAGE 1A - RAMP D**

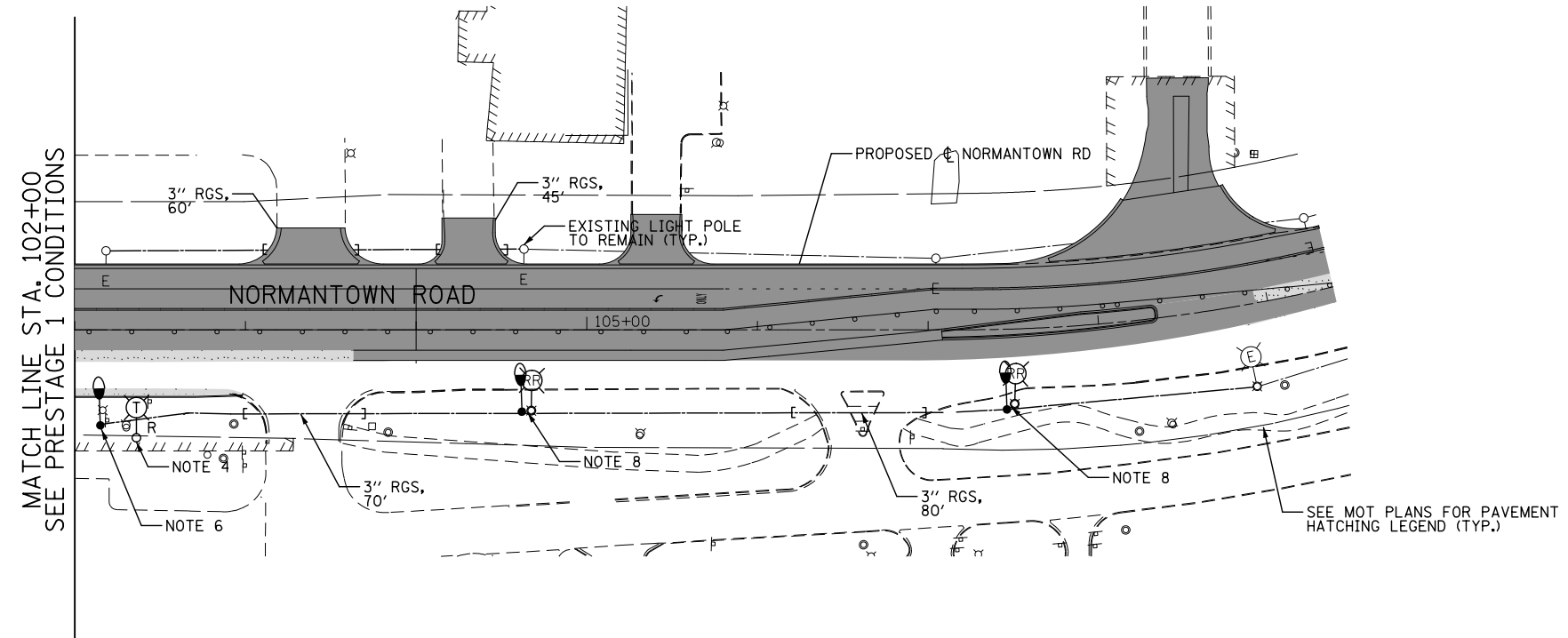
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	965
LT-38			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

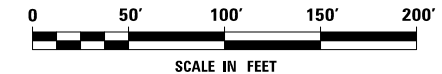
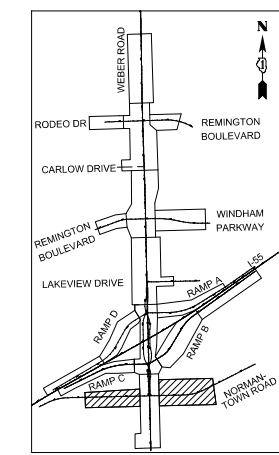


MATCH LINE STA. 98+00
SEE PRESTAGE 1 CONDITIONS

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 - ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 - REMOVAL OF TEMPORARY LIGHTING UNIT.
 - CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED..
 - LIGHT POLE FOUNDATION, 24" DIAMETER AND REINSTALL PREVIOUSLY SALVAGED LIGHTING UNIT. REINSTALLATION SHALL BE PART OF "REMOVE AND RE-ERECT EXISTING LIGHTING UNIT" PAY ITEM..
 - INTERCEPT EXISTING WIRING IN EXISTING LIGHT POLE AND CONTINUE CIRCUIT TO RELOCATED LIGHT POLE. SEE PROPOSED LIGHTING PLANS FOR DETAILS.
 - RELOCATE EXISTING LIGHTING UNIT, POLE FOUNDATION, 24" DIAMETER AND REMOVAL OF POLE FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR FINAL LIGHT POLE AND POLE FOUNDATION LOCATION. CONTRACTOR SHALL MATCH BOLT CIRCLE FROM OLD AND NEW FOUNDATION.



MATCH LINE STA. 102+00
SEE PRESTAGE 1 CONDITIONS



FILE NAME = D:\60X10-shr-light-light39-Normantown.MOT_1b.dgn

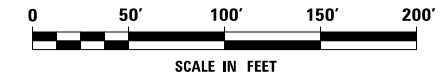
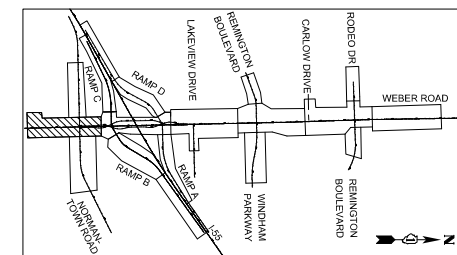
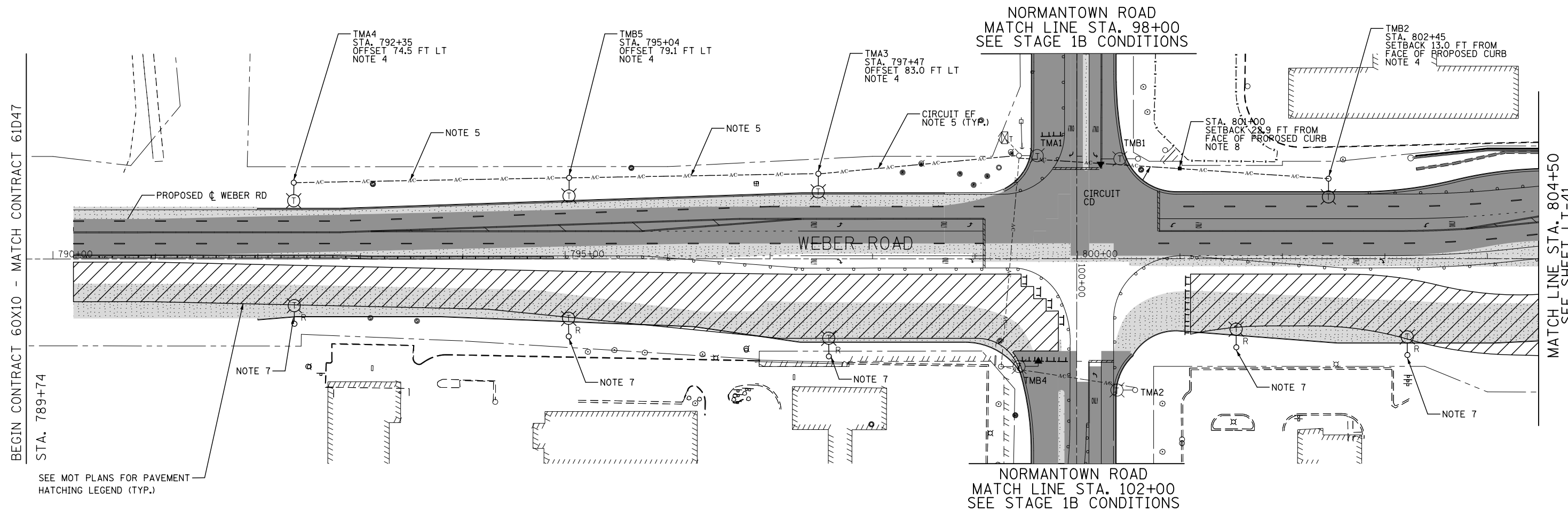


USER NAME = dbarnes	DESIGNED MLB	REVISED -
DRAWN MLB	REVISED -	
PLOT SCALE = 1:100	CHECKED CBS	REVISED -
PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY LIGHTING AND REMOVAL PLAN MOT STAGE 1B - NORMANTOWN ROAD			
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	966
LT-39			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



FILE NAME = D:\60X10-shr-light-40-Weber01.MOT 2.dgn



USER NAME = dbarnes	DESIGNED MLB	REVISED -
	DRAWN MLB	REVISED -
PLOT SCALE = 1:1000	CHECKED CBS	REVISED -
PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

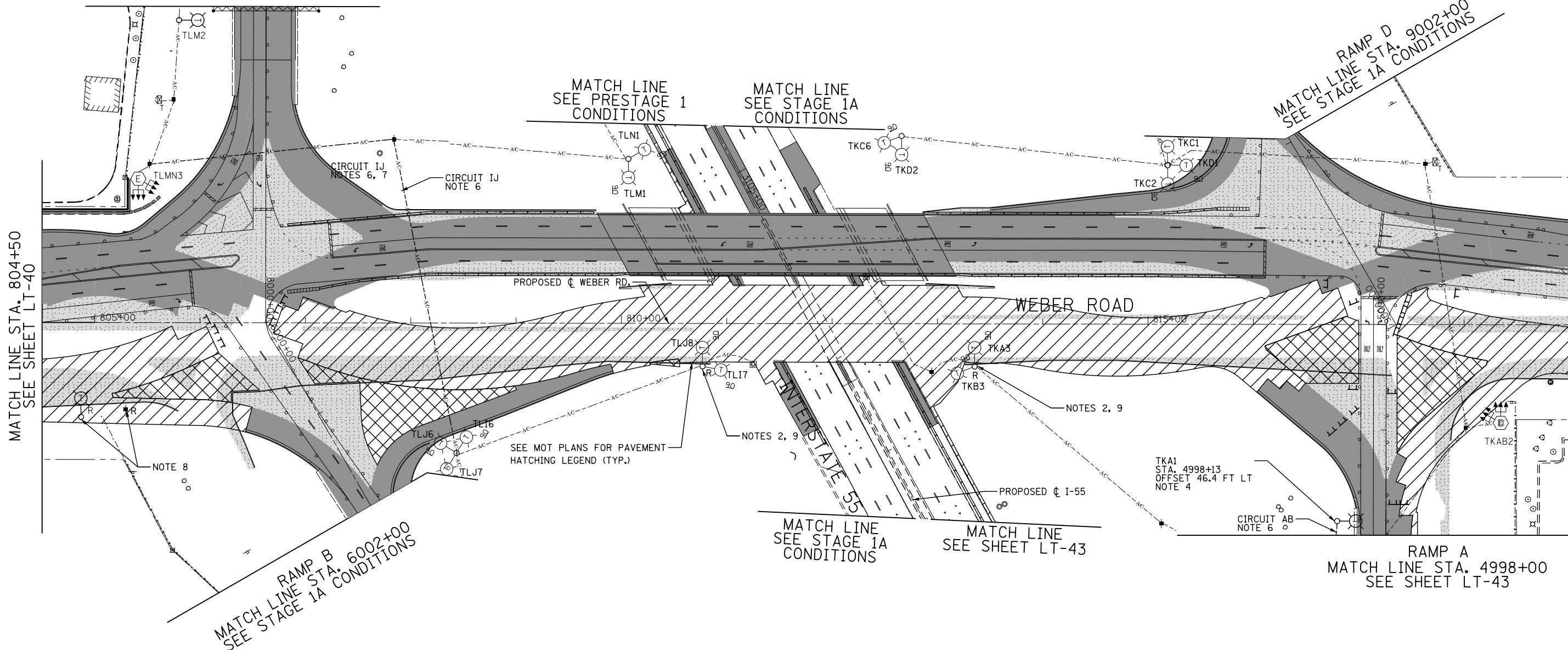
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT STAGE 2 - WEBER ROAD**

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	967
LT-40			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

RAMP C
MATCH LINE STA. 7997+00
SEE PRESTAGE 1 CONDITIONS



MATCH LINE STA. 804+50
SEE SHEET LT-40

MATCH LINE STA. 819+00
SEE SHEET LT-42

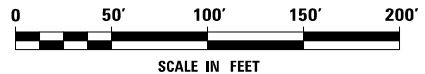
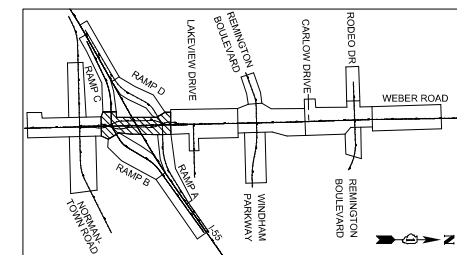
RAMP B
MATCH LINE STA. 6002+00
SEE STAGE 1A CONDITIONS

MATCH LINE SEE STAGE 1A CONDITIONS
MATCH LINE SEE SHEET LT-43

RAMP A
MATCH LINE STA. 4998+00
SEE SHEET LT-43

NOTES:

- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
- CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
- ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
- LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
- TEMPORARY WOOD POLE OFFSET IS MEASURED FROM RAMP A CL TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
- AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
- NEW AERIAL CABLE SHALL BE RUN IN PARALLEL WITH PREVIOUSLY INSTALLED AERIAL CABLE.
- REMOVAL OF TEMPORARY LIGHTING UNIT.
- CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.
- ALL AERIAL CABLE IS EXISTING, UNLESS CIRCUIT/CABLE TYPE IS SPECIFICALLY CALLED OUT.



FILE NAME = D:\60X10-sh-t-light-41-Weber-02_MOT 2.dgn

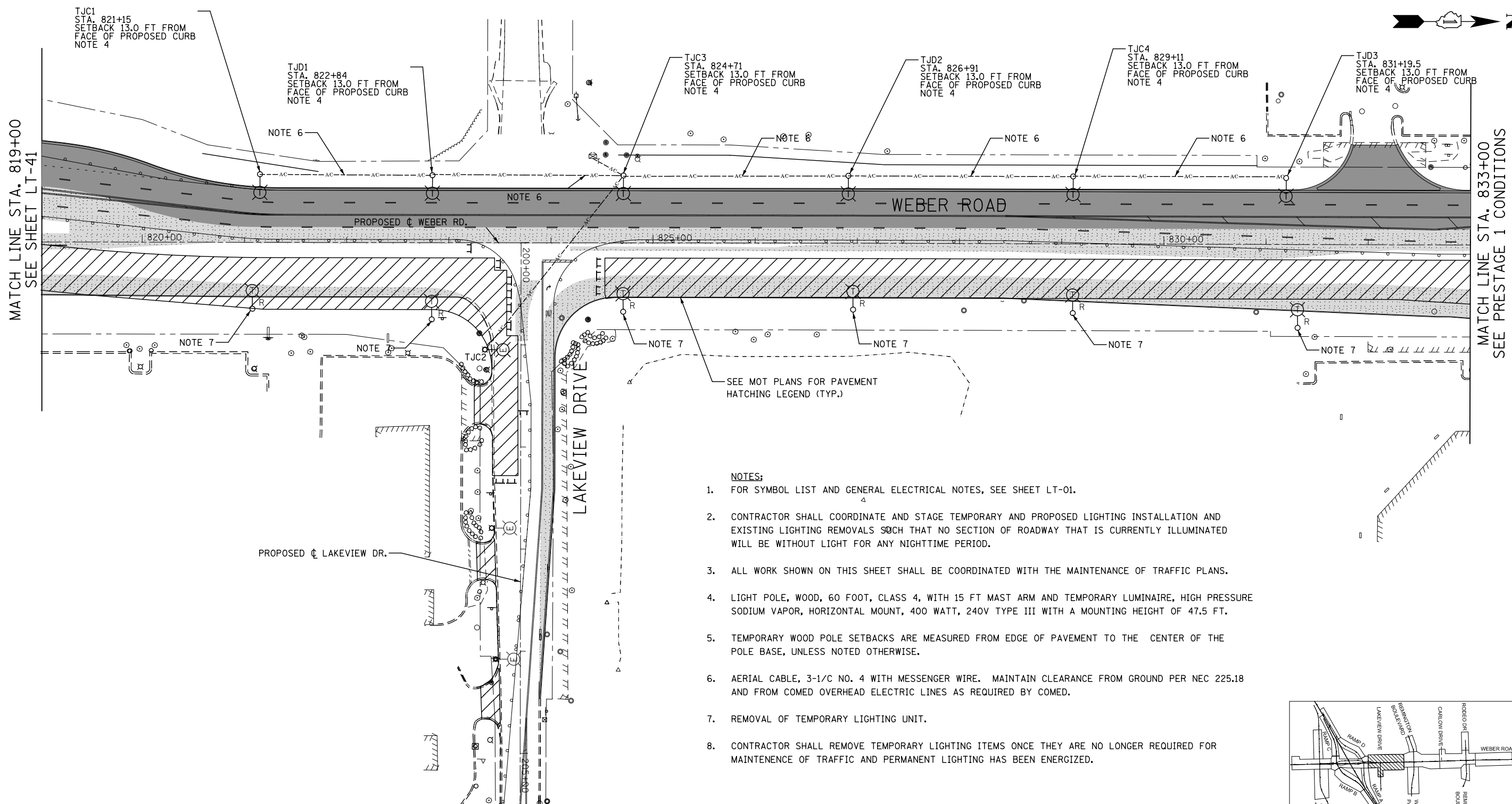


USER NAME = dbarnes	DESIGNED MLB	REVISED -
PLOT SCALE = 1:1000	DRAWN MLB	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

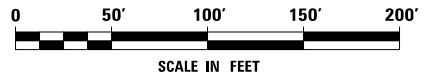
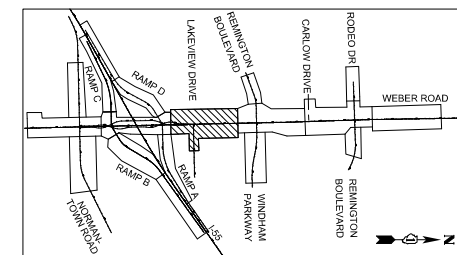
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING AND REMOVAL PLAN
MOT STAGE 2 - WEBER ROAD
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	968
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X10	



- NOTES:**
1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 2. CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 3. ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 4. LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.
 5. TEMPORARY WOOD POLE SETBACKS ARE MEASURED FROM EDGE OF PAVEMENT TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
 6. AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 7. REMOVAL OF TEMPORARY LIGHTING UNIT.
 8. CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



FILE NAME = D:\60X10-shr-light-light42-Weber03.MOT_2.dgn



USER NAME = dbarnes	DESIGNED MLB	REVISED -
	DRAWN MLB	REVISED -
PLOT SCALE = 1:100	CHECKED CBS	REVISED -
PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

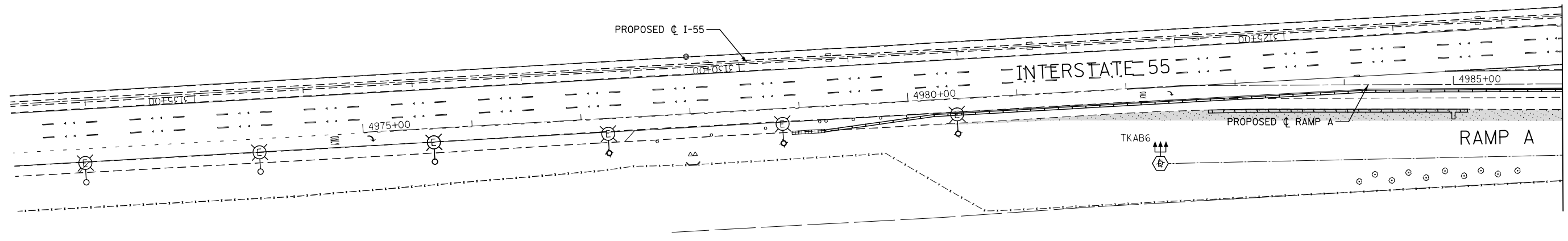
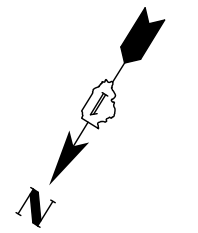
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT STAGE 2 - WEBER ROAD**

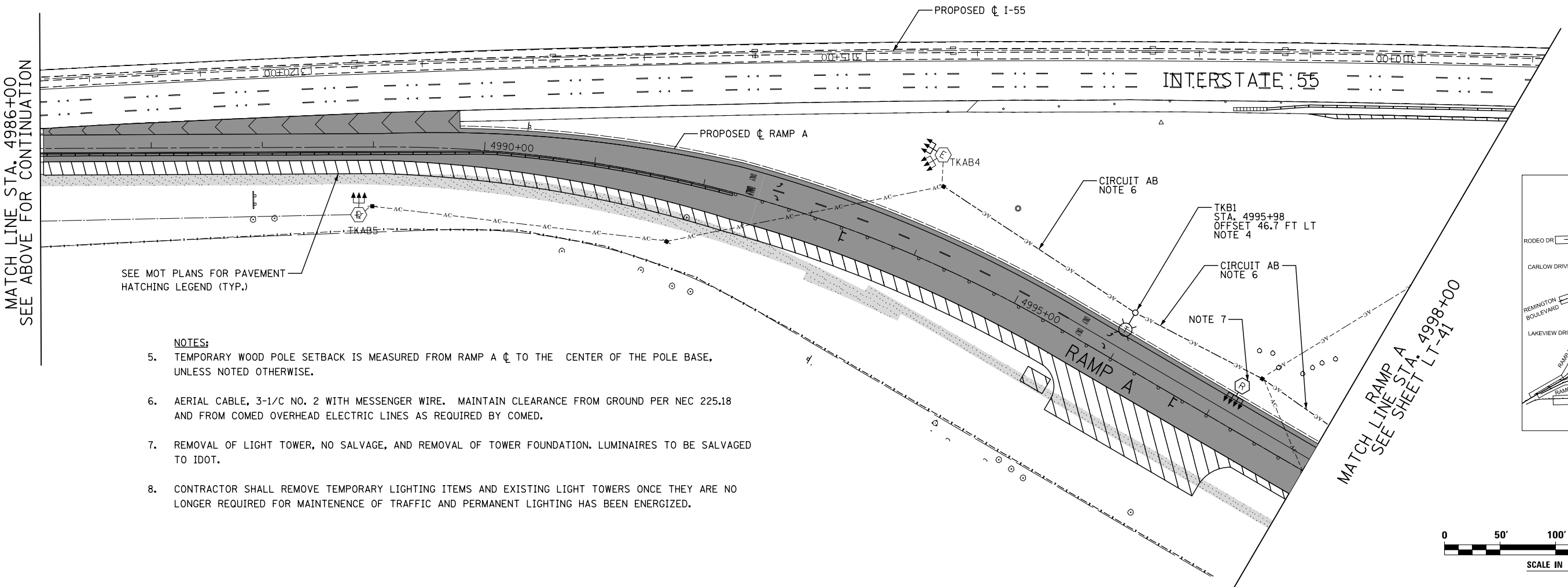
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	969
LT-42			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - CONTRACTOR SHALL COORDINATE AND STAGE TEMPORARY AND PROPOSED LIGHTING INSTALLATION AND EXISTING LIGHTING REMOVALS SUCH THAT NO SECTION OF ROADWAY THAT IS CURRENTLY ILLUMINATED WILL BE WITHOUT LIGHT FOR ANY NIGHTTIME PERIOD.
 - ALL WORK SHOWN ON THIS SHEET SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC PLANS.
 - LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15 FT MAST ARM AND TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT, 240V TYPE III WITH A MOUNTING HEIGHT OF 47.5 FT.



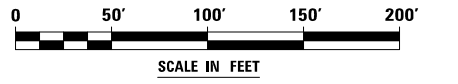
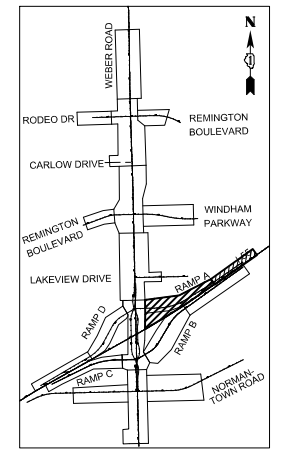
MATCH LINE STA. 4986+00
SEE BELOW FOR CONTINUATION



MATCH LINE STA. 4986+00
SEE ABOVE FOR CONTINUATION

SEE MOT PLANS FOR PAVEMENT HATCHING LEGEND (TYP.)

- NOTES:**
- TEMPORARY WOOD POLE SETBACK IS MEASURED FROM RAMP A ϕ TO THE CENTER OF THE POLE BASE, UNLESS NOTED OTHERWISE.
 - AERIAL CABLE, 3-1/8 NO. 2 WITH MESSENGER WIRE. MAINTAIN CLEARANCE FROM GROUND PER NEC 225.18 AND FROM COMED OVERHEAD ELECTRIC LINES AS REQUIRED BY COMED.
 - REMOVAL OF LIGHT TOWER, NO SALVAGE, AND REMOVAL OF TOWER FOUNDATION. LUMINAIRES TO BE SALVAGED TO IDOT.
 - CONTRACTOR SHALL REMOVE TEMPORARY LIGHTING ITEMS AND EXISTING LIGHT TOWERS ONCE THEY ARE NO LONGER REQUIRED FOR MAINTENANCE OF TRAFFIC AND PERMANENT LIGHTING HAS BEEN ENERGIZED.



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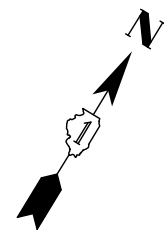
KNIGHT Engineers & Architects	USER NAME = dbarnes	DESIGNED MLB	REVISED -
	PLOT SCALE = 1:1000	DRAWN MLB	REVISED -
	PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
		DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

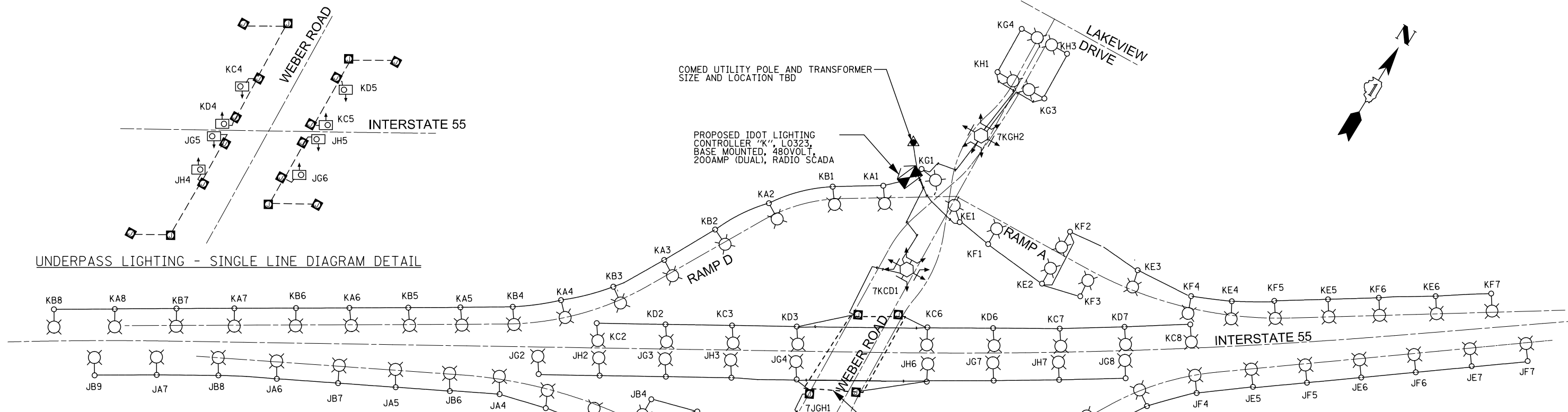
**TEMPORARY LIGHTING AND REMOVAL PLAN
MOT STAGE 2 - RAMP A**

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	970
LT-43		CONTRACT NO. 60X10		
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



UNDERPASS LIGHTING - SINGLE LINE DIAGRAM DETAIL



PANEL SCHEDULE AND LOAD TABULATION
LIGHTING CONTROLLER J
240/480VAC, 1-PHASE, 3-WIRE

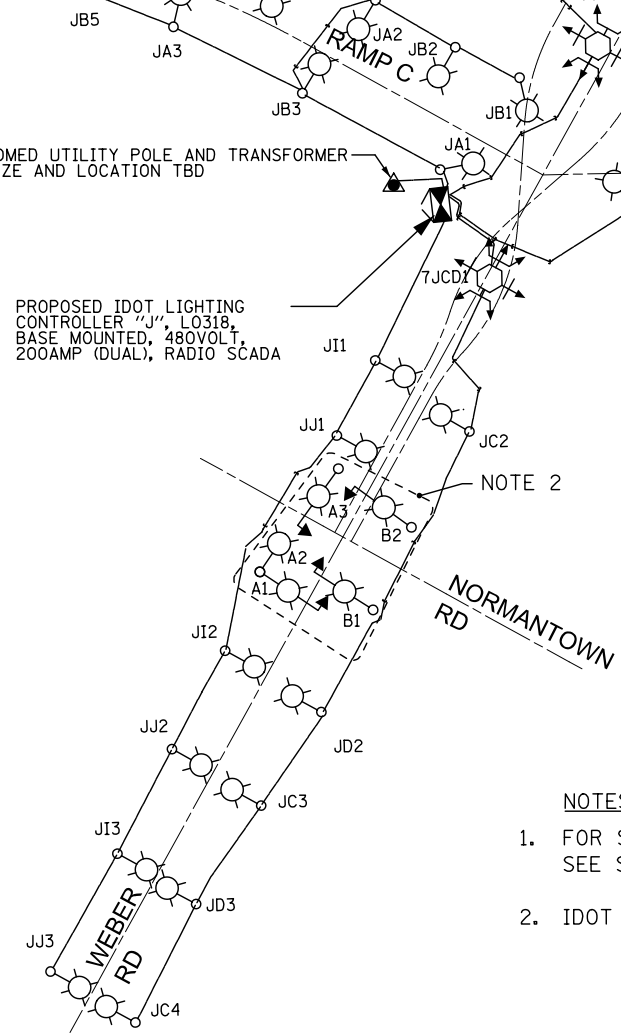
MAIN BREAKER: 200A

CIRCUIT	BREAKER TRIP AMPS @ 240V	AMPS	
		RED	BLACK
A	70-1P	8.0	
B	70-1P		10.3
C	70-1P	11.8	
D	70-1P		8.5
E	70-1P	8.0	
F	70-1P		8.0
G	70-1P	14.6	
H	70-1P		11.4
I	70-1P	3.4	
J	70-1P		3.4
TOTAL		40.3A @ 480V (19.3 kW)	

PANEL SCHEDULE AND LOAD TABULATION
LIGHTING CONTROLLER K
240/480VAC, 1-PHASE, 3-WIRE

MAIN BREAKER: 200A

CIRCUIT	BREAKER TRIP AMPS @ 240V	AMPS	
		RED	BLACK
A	70-1P	9.1	
B	70-1P		9.1
C	70-1P	14.6	
D	70-1P		11.4
E	70-1P	6.9	
F	70-1P		8.0
G	70-1P	11.8	
H	70-1P		8.5
TOTAL		39.7A @ 480V (19.1 kW)	



- NOTES:
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - IDOT COMBO LIGHTING POWERED BY TRAFFIC CONTROLLER.

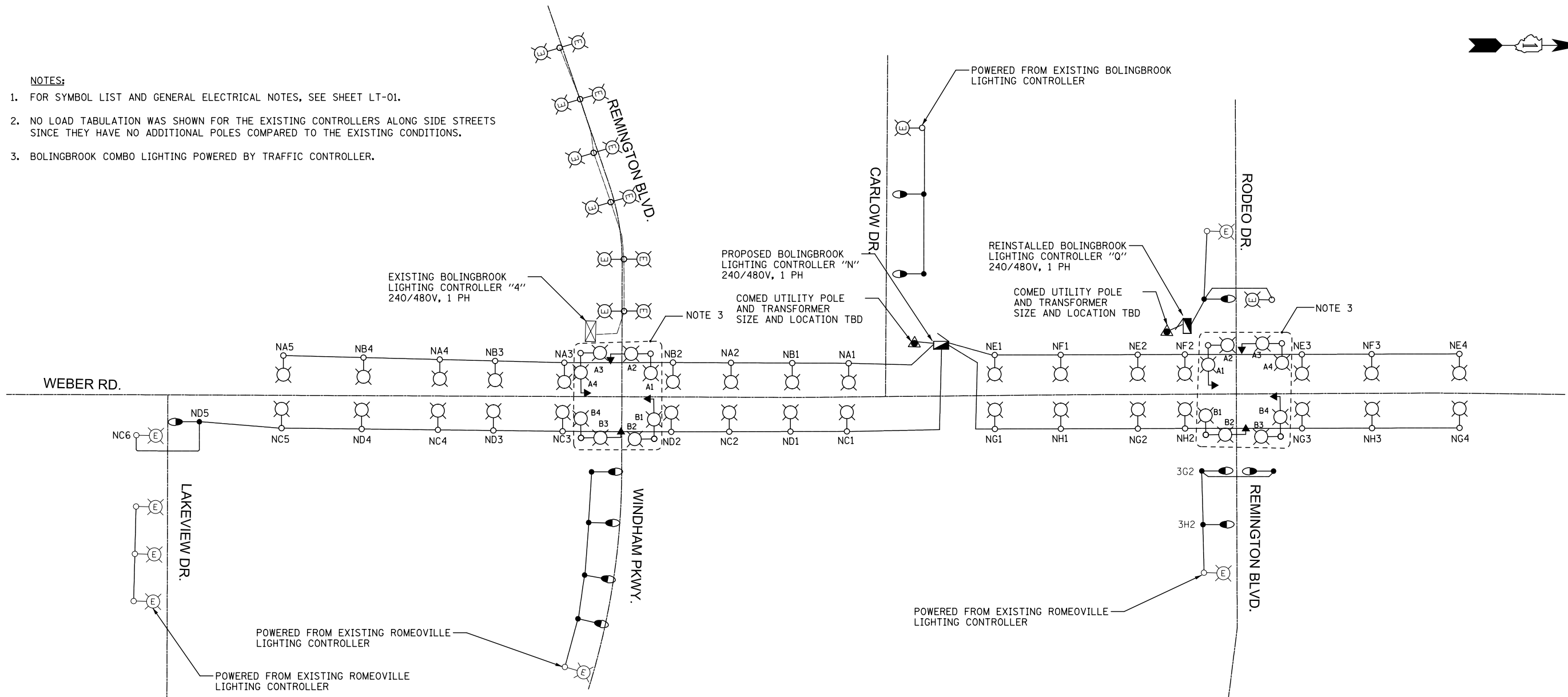
LIGHTING CONTROLLER "J" & "K" SINGLE LINE DIAGRAM

FILE NAME : D:\60X10-shr-light44-Pop-Sngle Line-IDOT.dgn



NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
2. NO LOAD TABULATION WAS SHOWN FOR THE EXISTING CONTROLLERS ALONG SIDE STREETS SINCE THEY HAVE NO ADDITIONAL POLES COMPARED TO THE EXISTING CONDITIONS.
3. BOLINGBROOK COMBO LIGHTING POWERED BY TRAFFIC CONTROLLER.



LIGHTING CONTROLLER "N" SINGLE LINE DIAGRAM
NOT TO SCALE

**PANEL SCHEDULE AND
LOAD TABULATION
LIGHTING CONTROLLER "N"
240/480VAC, 1-PHASE, 3-WIRE**

MAIN BREAKER: 100A

CIRCUIT	BREAKER TRIP AMPS @ 240V	AMPS	
		RED	BLACK
A	50-1P	5.7	
B	50-1P		4.6
C	50-1P	5.7	
D	50-1P		4.6
E	50-1P	4.6	
F	50-1P		3.4
G	50-1P	4.6	
H	50-1P		3.4
TOTAL		18.3A @ 480V (8.8 kW)	

FILE NAME : D:\60X10-shr-light45-Prop-Single-Line-Bolingbrook.dgn

KNIGHT Engineers & Architects	USER NAME : dbarnes	DESIGNED : MLB	REVISED : -
	PLOT SCALE : 1/2	DRAWN : MLB	REVISED : -
	PLOT DATE : 8/17/2017	CHECKED : CBS	REVISED : -
		DATE : 08/25/17	REVISED : -

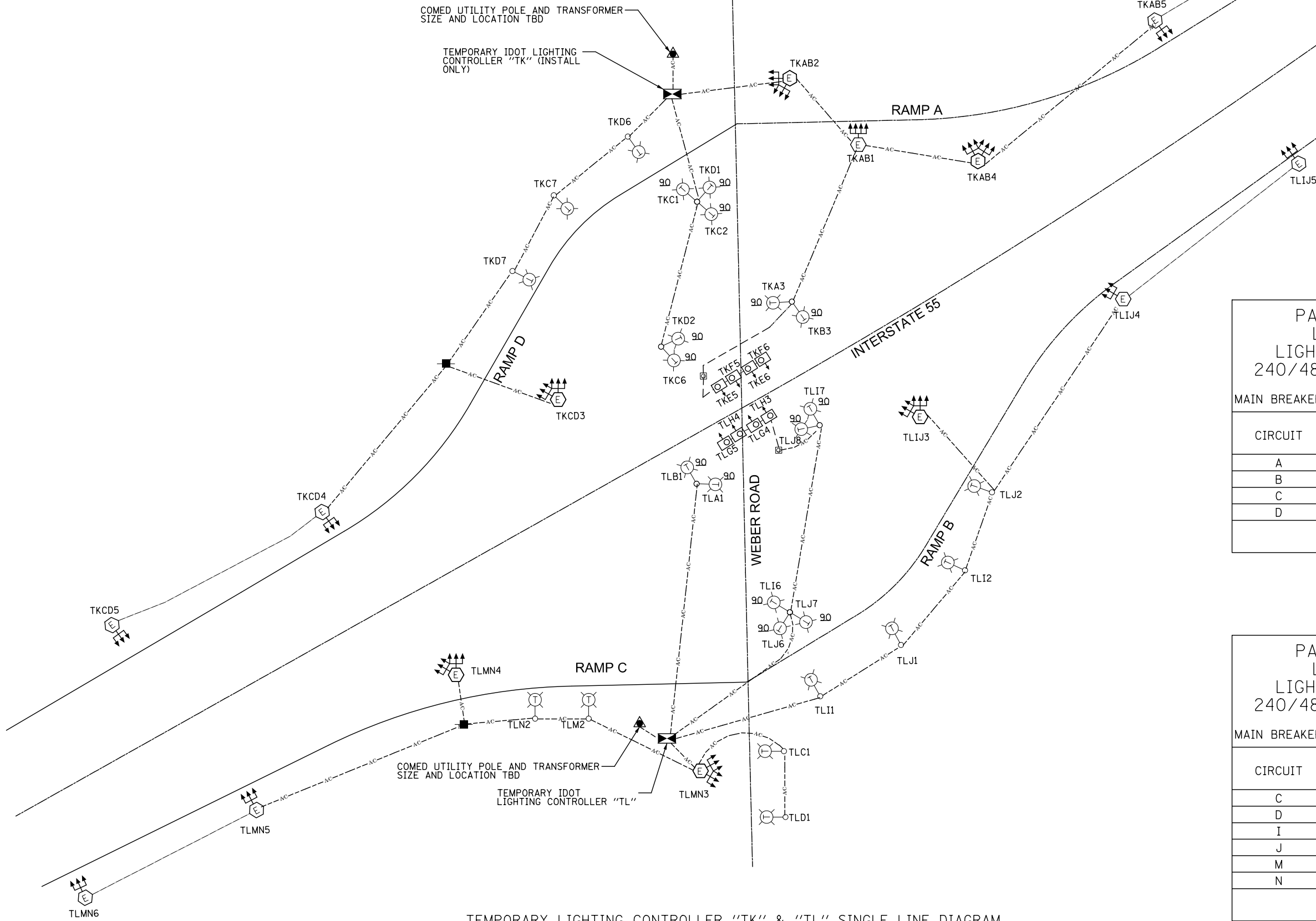
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING SINGLE LINE DIAGRAMS			
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	972
LT-45		CONTRACT NO. 60X10		
<small>* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT</small>				

NOTES:

1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.



TEMPORARY LIGHTING CONTROLLER "TK" & "TL" SINGLE LINE DIAGRAM
NOT TO SCALE

**PANEL SCHEDULE AND LOAD TABULATION
LIGHTING CONTROLLER TK
240/480VAC, 1-PHASE, 3-WIRE**

MAIN BREAKER: 175A

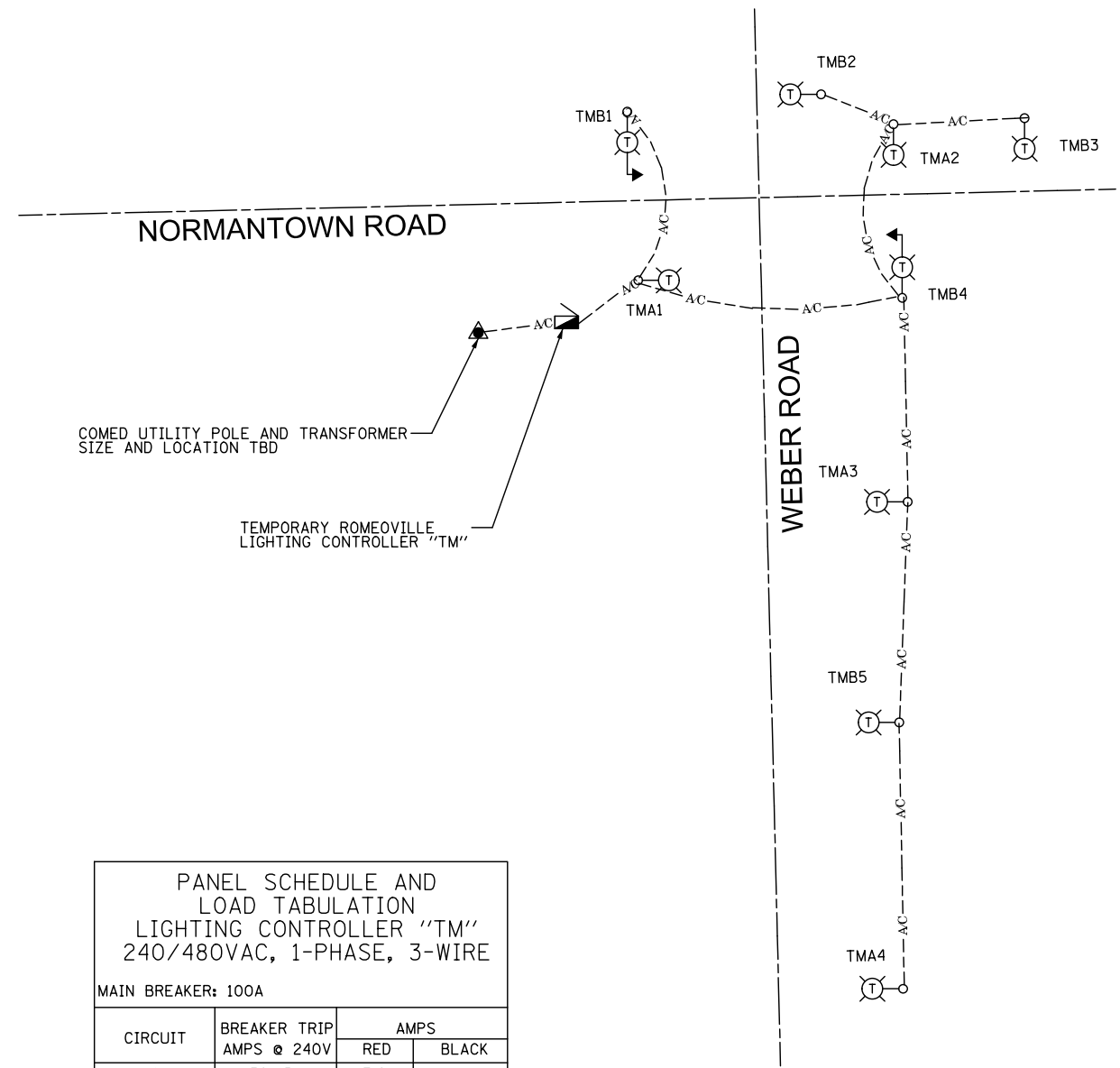
CIRCUIT	BREAKER TRIP AMPS @ 240V	AMPS	
		RED	BLACK
A	70-1P	24.2	
B	70-1P		24.2
C	70-1P	23.2	
D	70-1P		21.8
TOTAL		46.7A @ 480V (22.4 kW)	

**PANEL SCHEDULE AND LOAD TABULATION
LIGHTING CONTROLLER TL
240/480VAC, 1-PHASE, 3-WIRE**

MAIN BREAKER: 200A

CIRCUIT	BREAKER TRIP AMPS @ 240V	AMPS	
		RED	BLACK
C	70-1P	1.9	
D	70-1P		1.9
I	70-1P	21.8	
J	70-1P		26.1
M	70-1P	22.3	
N	70-1P		22.3
TOTAL		48.2A @ 480V (23.1 kW)	

FILE NAME : D:\60X10-shr-light-46-Temp-Single-Line-1001.dgn



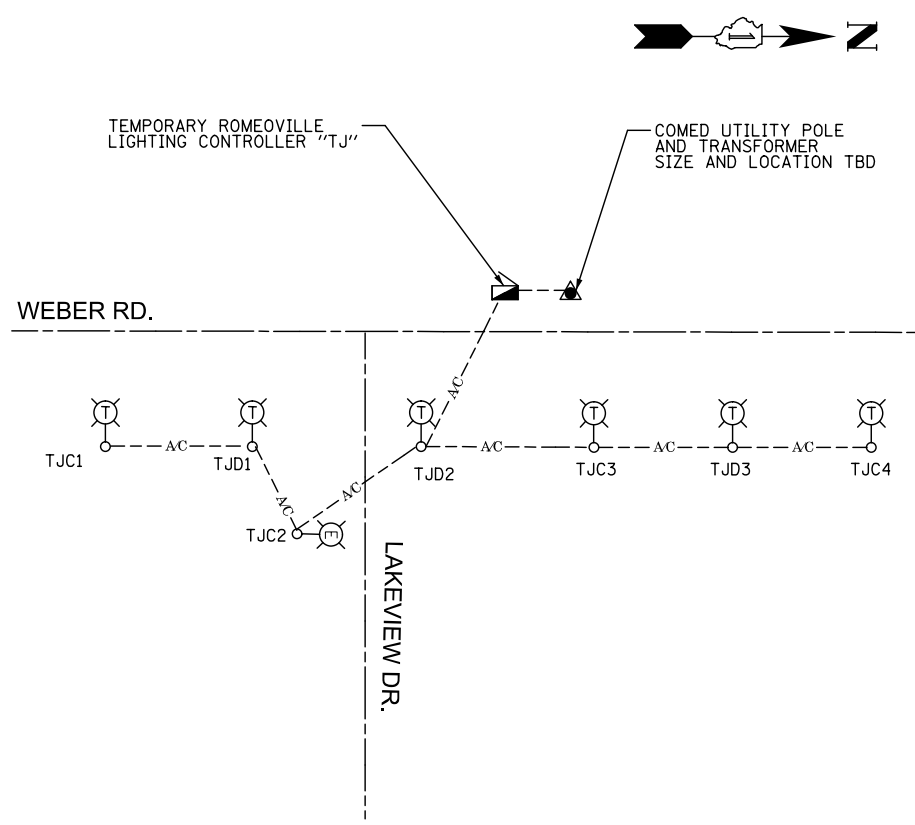
PANEL SCHEDULE AND
LOAD TABULATION
LIGHTING CONTROLLER "TM"
240/480VAC, 1-PHASE, 3-WIRE

MAIN BREAKER: 100A

CIRCUIT	BREAKER TRIP AMPS @ 240V	AMPS	
		RED	BLACK
A	50-1P	7.6	
B	50-1P		9.5
TOTAL		8.6A @ 480V (4.1 kW)	

TEMPORARY ROMEOVILLE LIGHTING CONTROLLER "TM"
SINGLE LINE DIAGRAM
NOT TO SCALE

- NOTES:**
- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.
 - BOTH LIGHTING CONTROLLERS SHALL HAVE THE POLES ALONG WEBER RD. SWITCHED TO WEST SIDE ON MOT STAGE 2 AND ACTUAL TEMPORARY POLES SHALL BE REMOVED.



TEMPORARY ROMEOVILLE LIGHTING CONTROLLER "TJ"
SINGLE LINE DIAGRAM
NOT TO SCALE

FILE NAME = D:\60X10-ah-t-light-47-Temp Lighting Single Lines.dgn



USER NAME = dbarnes	DESIGNED MLB	REVISED -
PLOT SCALE = 1:2	DRAWN MLB	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

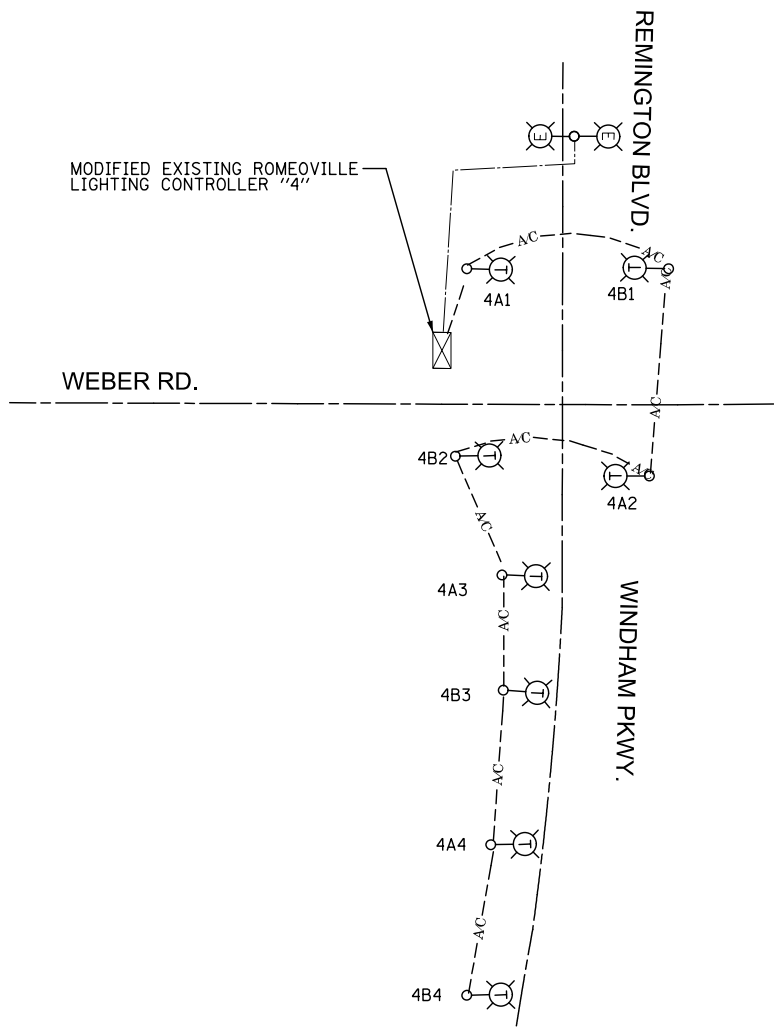
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY LIGHTING SINGLE LINE DIAGRAMS			
SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. TO STA.

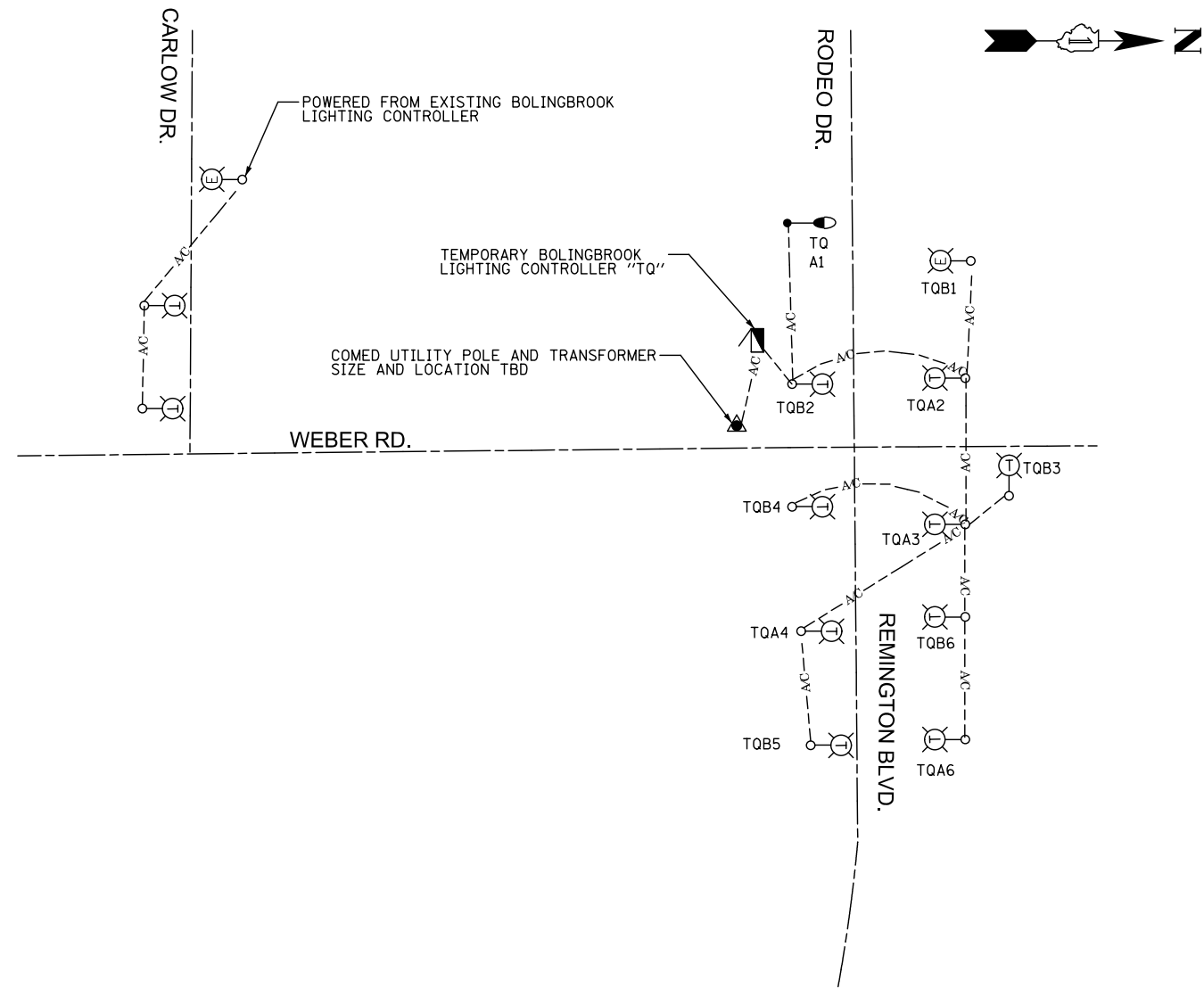
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	974
LT-47			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

NOTES:

- FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.



ROMEOVILLE LIGHTING CONTROLLER "4"
TEMPORARY SINGLE LINE DIAGRAM



TEMPORARY BOLINGBROOK LIGHTING CONTROLLER "TQ"
SINGLE LINE DIAGRAM

FILE NAME = D:\60X10-shr-light-light48-Temp Lighting Single Lines.dgn

KNIGHT
Engineers & Architects

USER NAME = dbarnes	DESIGNED MLB	REVISED -
	DRAWN MLB	REVISED -
PLOT SCALE = 1:2	CHECKED CBS	REVISED -
PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING
SINGLE LINE DIAGRAMS

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	975
LT-48			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

IDOT PROPOSED ITEMS

I-55 AT WEBER ROAD INTERCHANGE		
DESCRIPTION	U.M.	QTY
ELECTRIC SERVICE INSTALLATION	EACH	2
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1,922
CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	625
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	100
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	8
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	4
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 24" X 24" X 8"	EACH	4
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	17,575
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,380
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	200
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	600
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	78
LUMINAIRE, LED, HIGH MAST, HORIZONTAL MOUNT	EACH	28
LUMINAIRE, UNDERPASS, LED, TYPE B	EACH	8
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	78
LIGHT TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 8	EACH	4
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	590
LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	59
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	78
LIGHT TOWER, SERVICE PAD	EACH	4
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	2
REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	5
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	78
WEBER ROAD		
DESCRIPTION	U.M.	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	411
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	4,320
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	15
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	15
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	108
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	15
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	9
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	15

IDOT JURISDICTION
ROMEOWILLE PROPOSED ITEMS

WEBER ROAD		
DESCRIPTION	U.M.	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	210
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2,630
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	7
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	7
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	62
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	7
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	7
NORMANTOWN ROAD		
DESCRIPTION	U.M.	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	370
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1,520
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	28
RELOCATE EXISTING LIGHTING UNIT	EACH	3
REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	1
LAKEVIEW DRIVE		
DESCRIPTION	U.M.	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	60
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	90
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	10
REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	1
WINDHAM PARKWAY		
DESCRIPTION	U.M.	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	210
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	915
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	26
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	43
REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	6

BOLINGBROOK PROPOSED ITEMS

WEBER ROAD		
DESCRIPTION	U.M.	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	345
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1,775
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	7
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	7
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	59
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	7
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	7

NOTES:

1. THE LOCATION OF THE IDOT / WILL COUNTY JURISDICTIONAL INTERFACE IS STA 842+07.

FILE NAME = D:\60X10-shr-light-light49-Bill of Material_Prop Items.dgn



USER NAME = dbarnes	DESIGNED MLB	REVISED -
PLOT SCALE = 1:2	DRAWN MLB	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIALS
PROPOSED LIGHTING ITEMS

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	976
LT-49			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

WILL COUNTY JURISDICTION

ROMEDEVILLE PROPOSED ITEMS

WEBER ROAD		
DESCRIPTION	U.M.	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	168
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1,105
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	6
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	6
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	57
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	6
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	6
REMINGTON BOULEVARD		
DESCRIPTION	U.M.	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	140
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	375
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	14
REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	2
RODEO DRIVE		
DESCRIPTION	U.M.	QTY
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	375


BOLINGBROOK PROPOSED ITEMS

WEBER ROAD		
DESCRIPTION	U.M.	QTY
ELECTRIC SERVICE INSTALLATION	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	608
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	3,410
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	100
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	300
LUMINAIRE, LED, HORIZONTAL MOUNT, TYPE C	EACH	12
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM	EACH	12
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	95
LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	18
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	12
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	12
CARLOW DRIVE		
DESCRIPTION	U.M.	QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	60
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	270
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	14
REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	2
RODEO DRIVE		
DESCRIPTION	U.M.	QTY
UNDRGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	110
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	480
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	100
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	300
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	17
RELOCATE EXISTING LIGHTING UNIT	EACH	1
REMOVE AND RE-ERECT EXISTING LIGHTING UNIT	EACH	1
REMOVE AND RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1

NOTES:

1. THE LOCATION OF THE IDOT / WILL COUNTY JURISDICTIONAL INTERFACE IS STA 842+07.

FILE NAME : D:\60X10-shr-light-50-811 of Material_Prop_Items.dgn

	USER NAME = dbarnes	DESIGNED MLB	REVISED -
		DRAWN MLB	REVISED -
	PLOT SCALE = 1:2	CHECKED CBS	REVISED -
	PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIALS
PROPOSED LIGHTING ITEMS

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	977
LT-50			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

IDOT JURISDICTION

IDOT TEMPORARY ITEMS

I-55 AT WEBER ROAD INTERCHANGE		
DESCRIPTION	U.M.	QTY
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	13,086
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	54
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2
REMOVAL OF POLE FOUNDATION	EACH	7
DISCONNECT SIGN LIGHTING AND REMOVE WIRING TO NEAREST SPLICE	EACH	2
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	25
LIGHT POLE, WOOD, 90 FOOT, CLASS 4, WITH 2-15 FOOT MAST ARMS	EACH	4
LIGHT POLE, WOOD, 90 FOOT, CLASS 4, WITH 3-15 FOOT MAST ARMS	EACH	2
TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	20
REMOVAL OF HIGH MAST LUMINAIRES, SALVAGE	EACH	104
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT	EACH	14
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	25
TEMPORARY LIGHTING CONTROLLER	EACH	2
REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	8
REMOVAL OF LIGHT TOWER, NO SALVAGE	EACH	22
REMOVAL OF TOWER FOUNDATION	EACH	22
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	30
WEBER ROAD		
DESCRIPTION	U.M.	QTY
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	130
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	2,841
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	22
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	20
TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	5
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	22
TEMPORARY LIGHTING CONTROLLER, SPECIAL	EACH	1
MAST ARM, STREET LIGHTING, 15'	EACH	2
REMOVAL OF LIGHTING CONTROLLER	EACH	1

ROMEORVILLE TEMPORARY ITEMS

WEBER ROAD		
DESCRIPTION	U.M.	QTY
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	24
REMOVAL OF POLE FOUNDATION	EACH	24
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	4
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	4
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	4
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	930
NORMANTOWN ROAD		
DESCRIPTION	U.M.	QTY
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	56
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	1
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4
REMOVAL OF POLE FOUNDATION	EACH	8
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	1
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	1
LAKEVIEW DRIVE		
DESCRIPTION	U.M.	QTY
REMOVAL OF POLE FOUNDATION	EACH	1
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	135
WINDHAM PARKWAY		
DESCRIPTION	U.M.	QTY
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	935
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	6
REMOVAL OF POLE FOUNDATION	EACH	6
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	6
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	6

BOLINGBROOK TEMPORARY ITEMS

WEBER ROAD		
DESCRIPTION	U.M.	QTY
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4
REMOVAL OF POLE FOUNDATION	EACH	6
TEMPORARY LIGHTING CONTROLLER, SPECIAL	EACH	1
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	1,041
REMOVAL OF LIGHTING CONTROLLER	EACH	1
REMINGTON BLV		
DESCRIPTION	U.M.	QTY
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	155
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	2
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	2
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2
MODIFYING EXISTING LIGHTING CONTROLLER	EACH	1

WILL COUNTY JURISDICTION

ROMEORVILLE TEMPORARY ITEMS

REMINGTON BOULEVARD / RODEO DRIVE		
DESCRIPTION	U.M.	QTY
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	190
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	5
REMOVAL OF POLE FOUNDATION	EACH	2
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	5
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	5

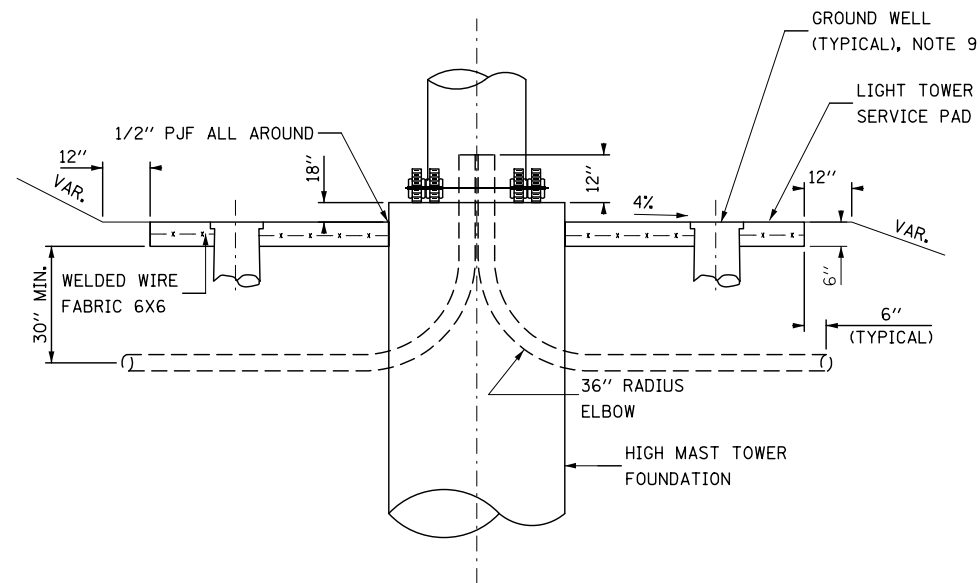
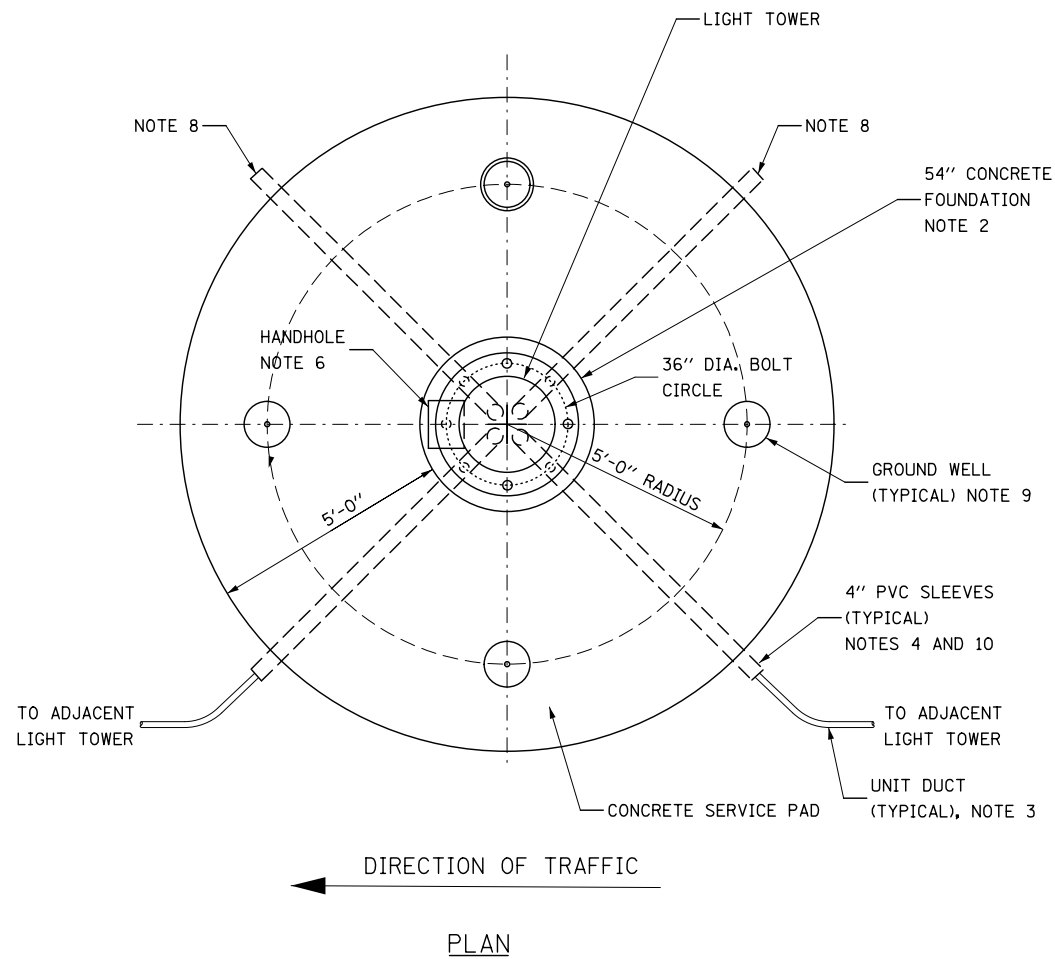
BOLINGBROOK TEMPORARY ITEMS

WEBER ROAD		
DESCRIPTION	U.M.	QTY
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	50
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	2
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	1
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	1
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2
CARLOW DRIVE		
DESCRIPTION	U.M.	QTY
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	305
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	2
REMOVAL OF POLE FOUNDATION	EACH	2
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	2
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2
REMINGTON BOULEVARD / RODEO DRIVE		
DESCRIPTION	U.M.	QTY
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	895
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	3
REMOVAL OF POLE FOUNDATION	EACH	4
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	3
MAST ARM, STREET LIGHTING, 15'	EACH	1
TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	3
TEMPORARY LIGHTING CONTROLLER, SPECIAL	EACH	1

NOTES:

1. THE LOCATION OF THE IDOT / WILL COUNTY JURISDICTIONAL INTERFACE IS STA 842+07.

FILE NAME = D:\60X10-sh-t-light-51-Bill of Material_Temp_Items.dgn



**GROUND MOUNTED HIGH MAST TOWER SERVICE PAD,
GROUNDING AND CONDUIT INSTALLATION DETAILS**
NOT TO SCALE

NOTES:

1. SEE DRAWINGS LT-01 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.
2. SEE IDOT STANDARD DRAWING BE-506 FOR ADDITIONAL HIGH MAST LIGHT TOWER FOUNDATION AND GROUND WELL DETAILS.
3. SEE PLAN DRAWINGS FOR QUANTITY, SIZE, AND TYPE OF RACEWAY AND LIGHTING CIRCUITS ROUTED TO EACH HIGH MAST LIGHT TOWER FOUNDATION.
4. PVC SLEEVED MUST BE EXTENDED 6 INCHES BEYOND THE EDGE OF THE CONCRETE PAD.
5. THE PERIMETER EROSION BARRIER IS TO BE PLACED AROUND THE WORK ZONE AREA OR AS DIRECTED BY THE ENGINEER.
6. THE HANDHOLE FOR THE HIGH MAST LIGHTING UNIT MUST BE ORIENTED SUCH THAT IT IS MOUNTED ON THE SIDE OF THE POLE THAT IS OPPOSITE THE DIRECTION OF TRAFFIC.
7. SEE THE CIVIL CROSS SECTION PLANS FOR THE PROPOSED GRADING AROUND THE LIGHT TOWER FOUNDATION AND PAD.
8. EMPTY PVC SLEEVE FOR FUTURE USE. ALL EMPTY SLEEVES MUST BE CAPPED, UNLESS NOTED OTHERWISE ON THE PLANS.
9. INSTALL GROUND WELLS 5'-0" AS MEASURED FROM THE CENTER LINE OF THE HIGH MAST TOWER TO THE CENTER LINE OF THE WELL.
10. PVC CONDUIT SLEEVES SHALL BE INCLUDED IN THE COST OF THE LIGHT TOWER FOUNDATION AND SHALL NOT BE PAID FOR SEPARATELY.

FILE NAME = D:\60X10-shr-light-high-52-Desa1-HM1light service pad.dgn

KNIGHT
Engineers & Architects

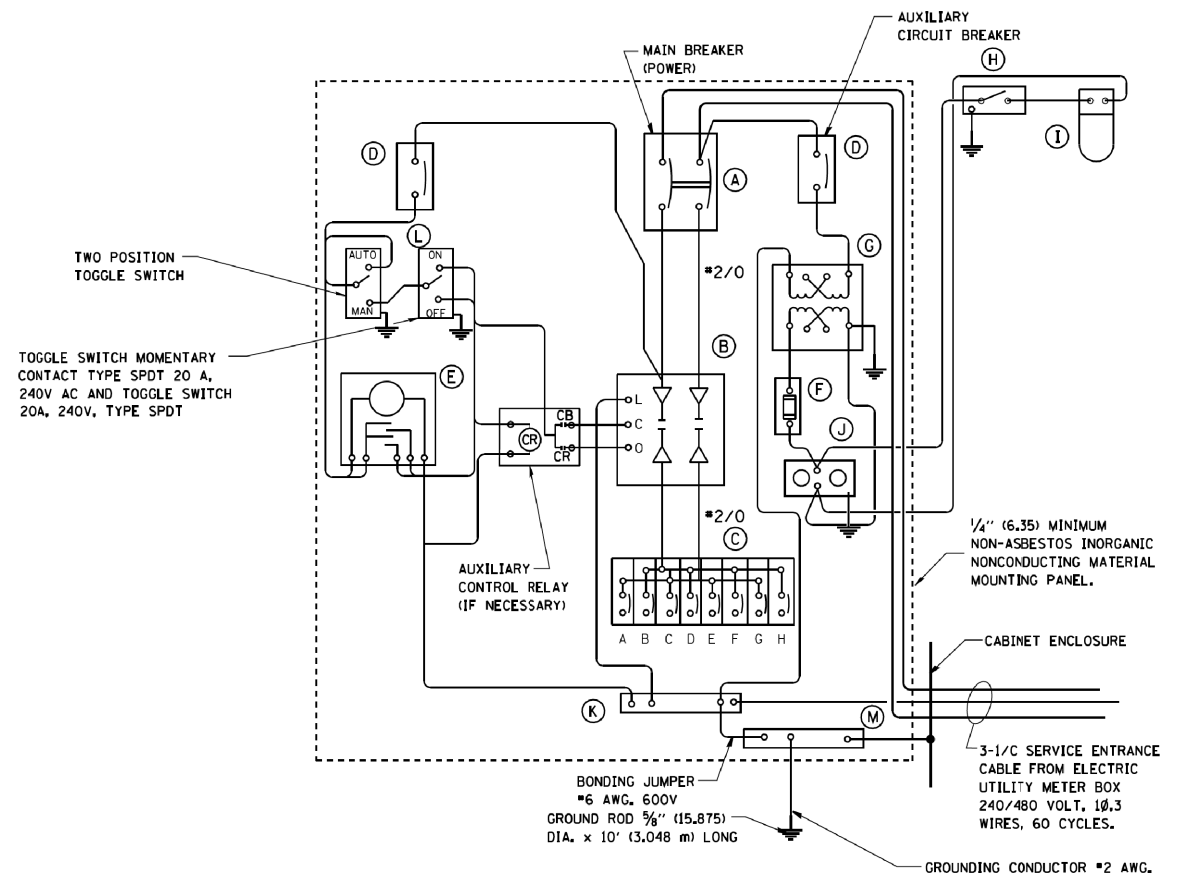
USER NAME = dbarnes	DESIGNED MLB	REVISED -
PLOT SCALE = 1:2	DRAWN MLB	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHT TOWER SERVICE PAD DETAILS

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	979
LT-52			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



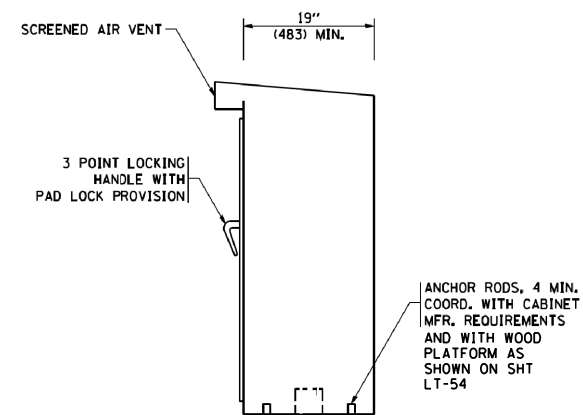
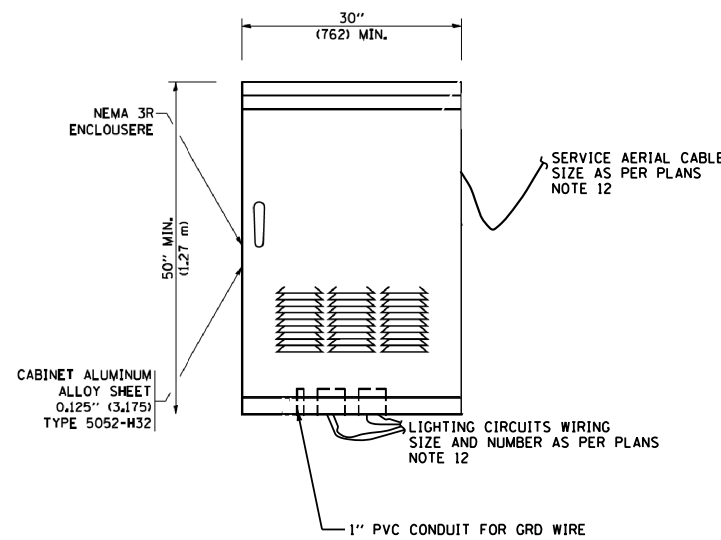
PANEL WIRING DIAGRAM

PANEL EQUIPMENT

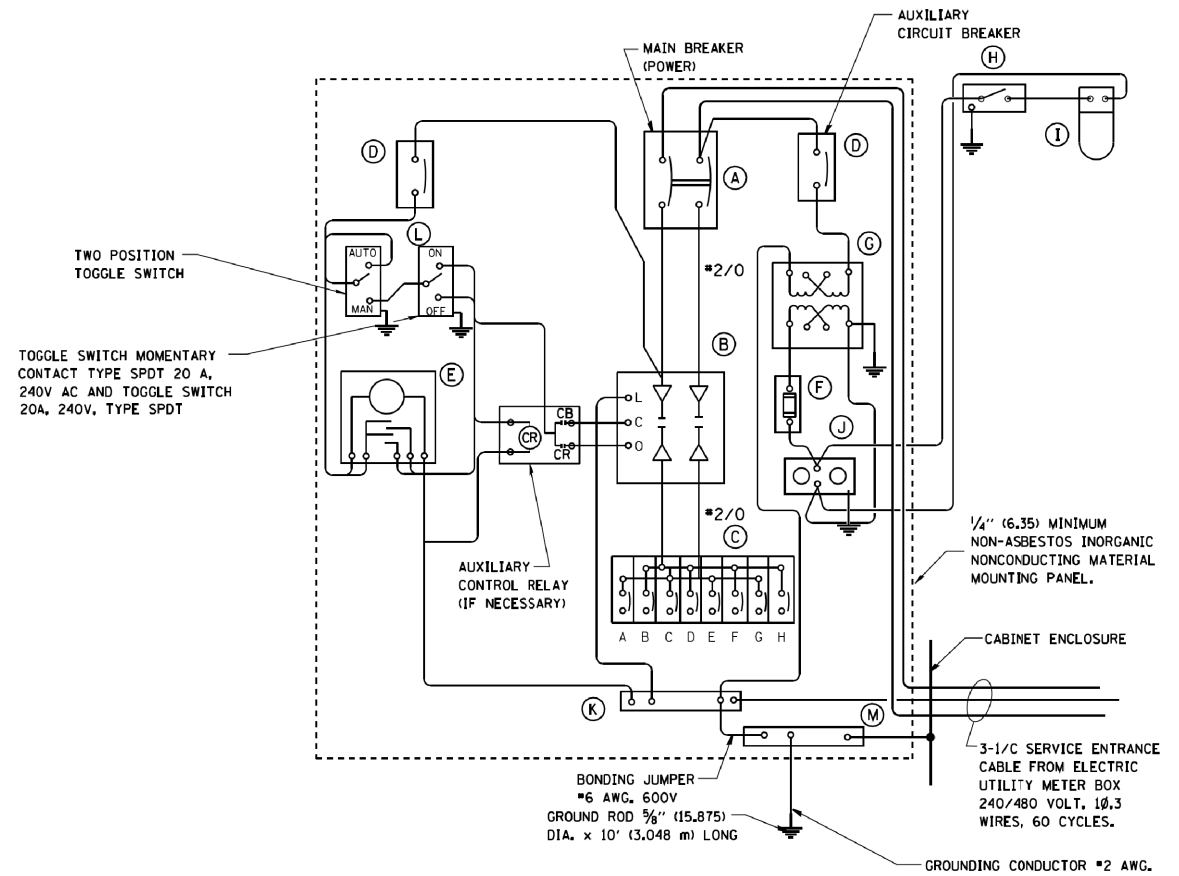
BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	8	CIRCUIT BREAKERS, 1 POLE, 100AMP. FRAME, 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER [TIME SWITCH].
F	1	20 A., 120 V. FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 Hz.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN,
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 4" (101.6) X 4" (101.6 mm) BOX.
M	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS

NOTES:

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP AND BOTTOM.
- DOOR HINGE SHALL BE HEAVY GAUGE CONTINUOUS HINGE WITH A 1/4" DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- THE HEADS OF CONNECTOR SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".
- CABLE ENTRANCE INTO THE CABINET SHALL BE SEALED AT ALL TIMES.



FILE NAME = D:\60X10-shr-light-52a-Detail-Temp_Lighting_controller_special.dgn



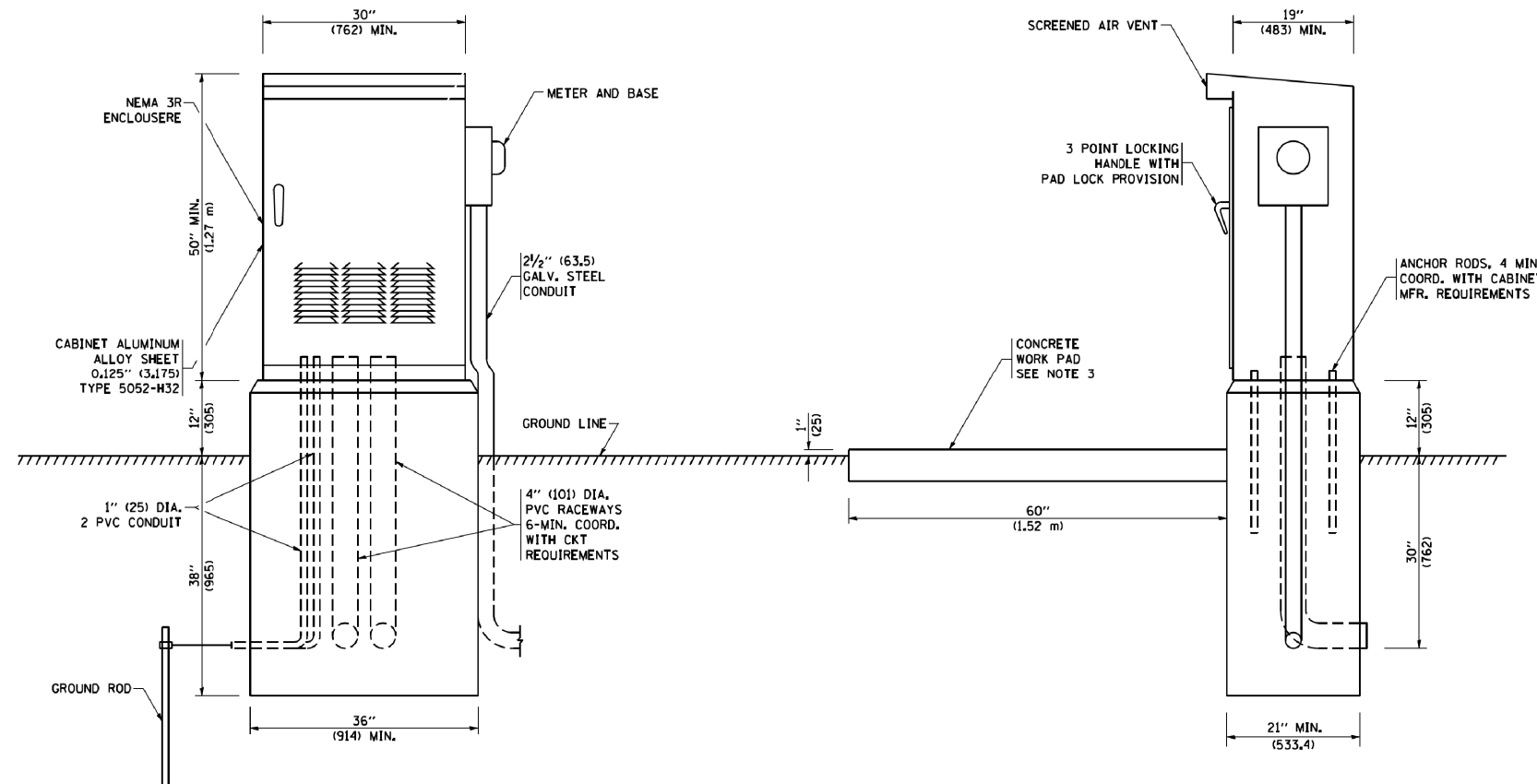
PANEL WIRING DIAGRAM

PANEL EQUIPMENT

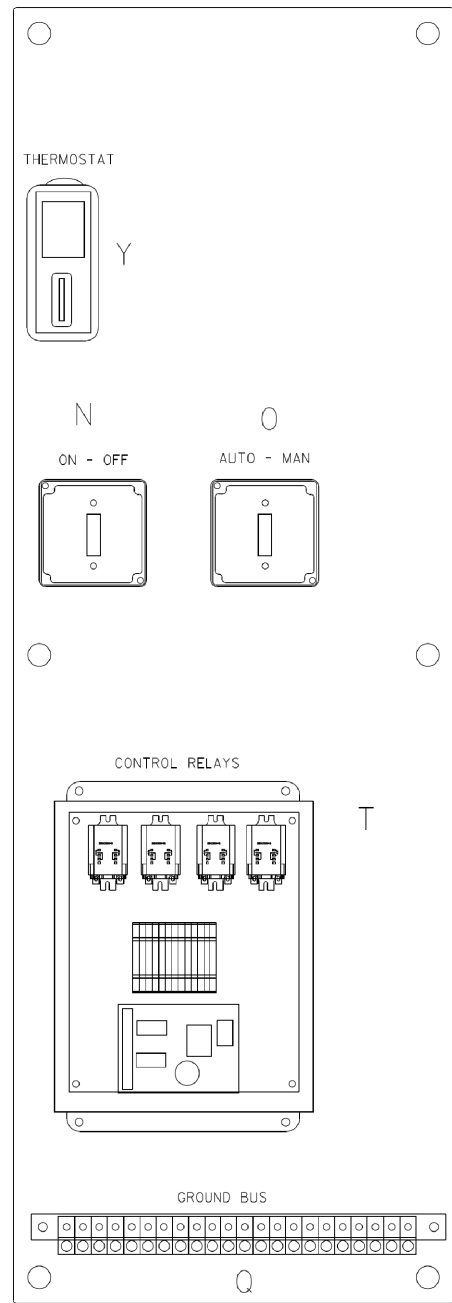
BILL OF MATERIAL		
ITEM	QUANTITY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, 2 POLE, 600 VOLT 100 AMP. FRAME, 100 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-22000 AMP. AT 480 VOLT.
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 100 AMP., 600 VOLTS CONTROL CIRCUIT 240 VOLT.
C	8	CIRCUIT BREAKERS, 1 POLE, 100AMP. FRAME, 50 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-10,000 AMP. AT 240 V.
D	2	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE, 240 V., 100 AMP. FRAME, 15 AMP. NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA-5000 AMP. AT 240 V.
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER [TIME SWITCH].
F	1	20 A., 120 V. FUSE.
G	1	1.5 KVA, SINGLE PHASE, ENCAPSULATED TRANSFORMER 240 X 480 / 120 X 240 VOLT, 60 Hz.
H	1	SPST 20A SWITCH ON DOOR, TO TURN LIGHT ON WHEN DOOR IS OPEN,
I	1	INCANDESCENT LIGHTING FIXTURE ENCLOSED AND GASKETED WITH 60 WATT, 120 V. LAMP.
J	1	20 A., 120 V., DUPLEX RECEPTACLE, GFCI.
K	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
L	1	TOGGLE SWITCHES MOUNTED IN 4" (101.6) X 4" (101.6 mm) BOX.
M	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8 mm) LONG MOUNTED ON PANEL WITH LUGS AND SPARE LUGS

NOTES:

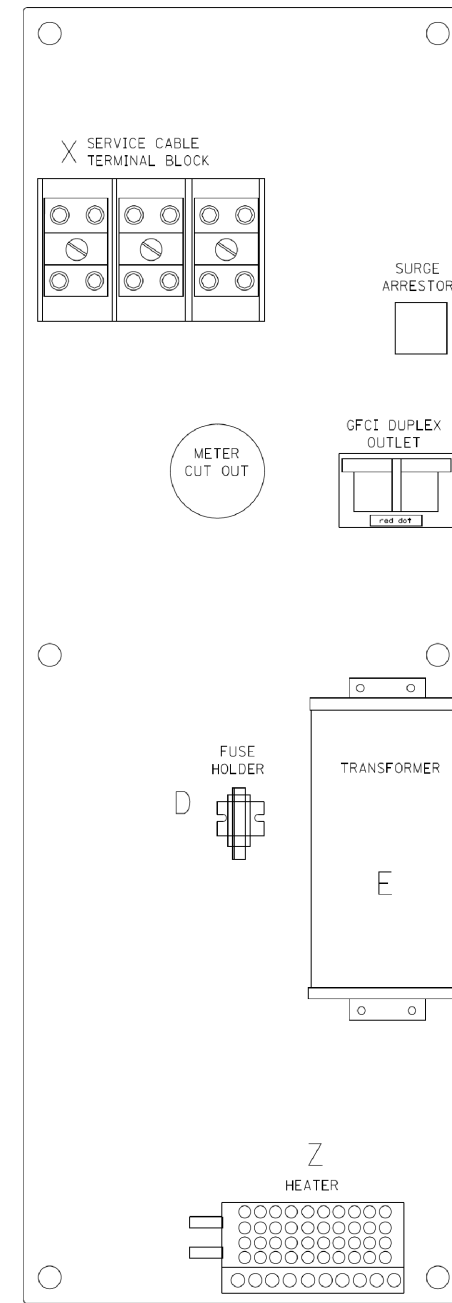
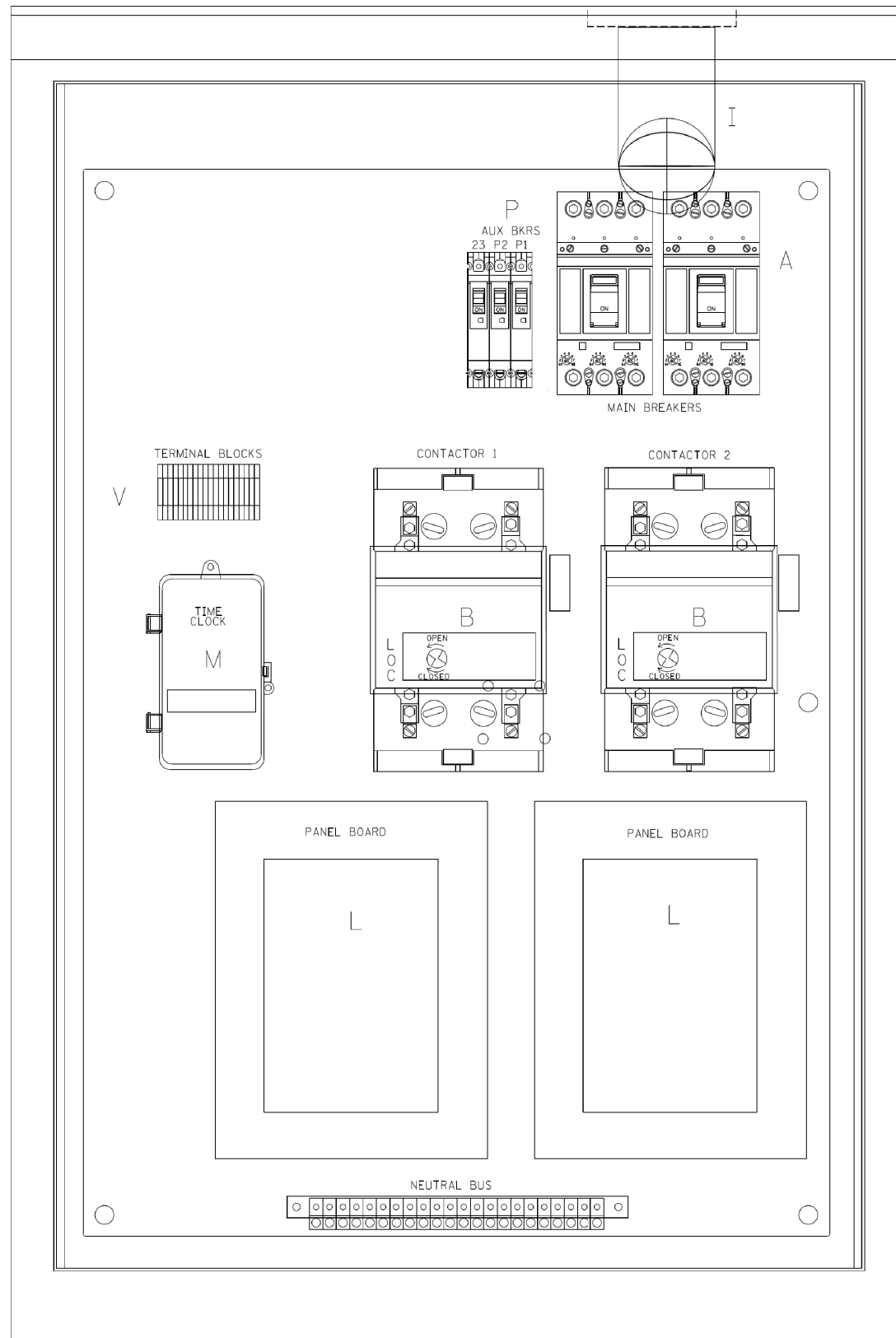
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- FOUNDATION SIZE SHALL BE COORDINATED WITH CABINET SIZE AND MFR.
- IN FRONT OF CONTROL CABINET DOOR, REMOVE VEGETATION AND 2" (50.8 mm) TOP SOIL, LEVEL THE AREA AND ON TOP, PLACE LENGTH WISE PARALLEL TO CONTROL CABINET, A CONCRETE PAD 36" (914.4 mm) x 60" (18,288 mm) x 4" (101 mm) MIN. SIZE. THE COST OF LABOR AND MATERIALS ARE INCLUDED IN THE COST OF THE CONTROLLER.
- DOOR SHALL BE CONSTRUCTED FROM SAME TYPE OF MATERIAL AND THICKNESS AS CABINET.
- DOOR SHALL BE EQUIPPED WITH THREE POINT LATCHING MECHANISM WITH NYLON ROLLERS AT TOP THE BOTTOM.
- DOOR HINGE SHALL BE A HEAVY GAUGE CONTINUOUS HINGE WITH A 1/4" (6.35 mm) DIA. STAINLESS STEEL HINGE PIN.
- ALL EXTERNAL HARDWARE SHALL BE STAINLESS STEEL.
- CONTROL WIRING TO BE #12 AWG, 600V, TYPE "SIS" GRAY SWITCH BOARD WIRE, STRANDED COPPER.
- METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET.
- CABINETS SHALL BE PRIMED AND PAINTED GREEN, AS PER VILLAGE STANDARD.
- THE HEADS OF CONNECTORS SCREWS SHALL BE PAINTED WHITE FOR NEUTRAL BAR CONNECTION AND GREEN FOR GROUND BAR CONNECTORS.
- ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
- PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL".



FILE NAME = D:\60X10-shr-light-53-Detail-Lighting-controller_pad.mtd.dgn



LEFT SIDE PANEL



RIGHT SIDE PANEL

BILL OF MATERIALS		
ITEM #	QTY	DESCRIPTION
A	2	MAIN BREAKERS 2 POLE 200 AMP WITH AUX CONTACT
B	2	MECHANICAL CONTRACTOR 2 POLE 200 AMP 240V COIL WITH AUX CONTACTS
D	1	SECTIONAL FUSE HOLDER
E	1	2.0 KVA 277V-240/120 TRANSFORMER
G	1	15 AMP GFCI
H	2	DOOR SWITCH
I	1	LIGHT FIXTURE
J	1	METER FITTING 1 PHASE 3 WIRE 200 AMP
K	1	SURGE ARRESTER
L	2	PANEL BOARD 480/240V 1 PHASE, 250 AMP COPPER BUS
M	1	2 CHANNEL DIGITAL TIME CLOCK
N	1	MOMENTARY SWITCH ON - OF
O	1	DPDT 20 AMP AUTO-MANUAL
P1	1	BREAKER 1P 15A
P2	1	BREAKER 1P 15A
P3	1	BREAKER 1P 15A
Q	2	COPPER GROUND AND NEUTRAL BUS 1 X 16 X 1/4
T	1	CONTROL RELAY ASSEMBLY 240V COILS WITH DPDT 25 AMP RELAYS (R1,R2,R3,R4). MOMENTARY CONTACT ADAPTER. QTY 12 TERMINAL BLOCKS
V	20	TERMINAL BLOCKS
X	1	620 AMP SPLICE BLOCK
Y	1	CHROMALOX WR 80, 40-80 DEG THERMOSTAT
Z	1	HEATREX 276-10 375 WATT HEATER

*

FILE NAME = D:\60X10-ght-light-53A-Detail-Lighting-controller-200A.psd.mtd.dgn

KNIGHT
Engineers & Architects

USER NAME = mbalog	DESIGNED MLB	REVISED -
PLOT SCALE = 1:2	DRAWN MLB	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

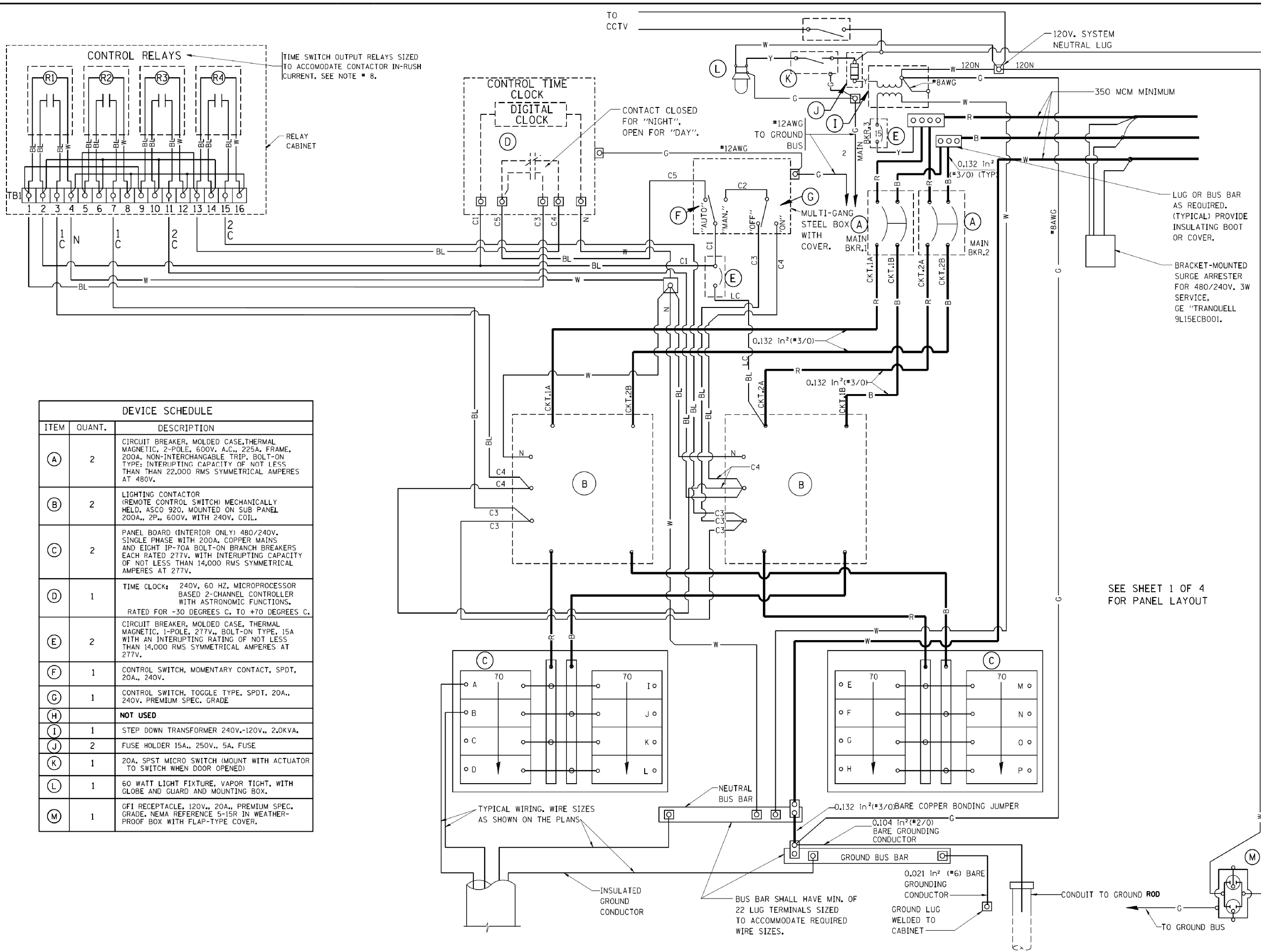
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING CONTROLLER,
480VOLT, 200AMP (DUAL)

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	980A
LT-53A			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

FILE NAME = D:\60X10-ehz-light-53B-Detail-Lighting-controller-200A.psd mtdadgn



DEVICE SCHEDULE		
ITEM	QUANT.	DESCRIPTION
(A)	2	CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 600V, A.C., 225A. FRAME, 200A. NON-INTERCHANGABLE TRIP, BOLT-ON TYPE; INTERRUPTING CAPACITY OF NOT LESS THAN 22,000 RMS SYMMETRICAL AMPERES AT 480V.
(B)	2	LIGHTING CONTACTOR (REMOTE CONTROL SWITCH) MECHANICALLY HELD, ASCO 920, MOUNTED ON SUB PANEL 200A., 2P., 600V, WITH 240V. COIL.
(C)	2	PANEL BOARD (INTERIOR ONLY) 480/240V. SINGLE PHASE WITH 200A. COPPER MAINS AND EIGHT IP-70A BOLT-ON BRANCH BREAKERS EACH RATED 277V. WITH INTERRUPTING CAPACITY OF NOT LESS THAN 14,000 RMS SYMMETRICAL AMPERES AT 277V.
(D)	1	TIME CLOCK: 240V, 60 HZ, MICROPROCESSOR BASED 2-CHANNEL CONTROLLER WITH ASTRONOMIC FUNCTIONS, RATED FOR -30 DEGREES C. TO +70 DEGREES C.
(E)	2	CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 1-POLE, 277V., BOLT-ON TYPE, 15A WITH AN INTERRUPTING RATING OF NOT LESS THAN 14,000 RMS SYMMETRICAL AMPERES AT 277V.
(F)	1	CONTROL SWITCH, MOMENTARY CONTACT, SPDT, 20A., 240V.
(G)	1	CONTROL SWITCH, TOGGLE TYPE, SPDT, 20A., 240V. PREMIUM SPEC. GRADE
(H)		NOT USED
(I)	1	STEP DOWN TRANSFORMER 240V.-120V., 2.0KVA.
(J)	2	FUSE HOLDER 15A., 250V., 5A. FUSE
(K)	1	20A. SPST MICRO SWITCH (MOUNT WITH ACTUATOR TO SWITCH WHEN DOOR OPENED)
(L)	1	60 WATT LIGHT FIXTURE, VAPOR TIGHT, WITH GLOBE AND GUARD AND MOUNTING BOX.
(M)	1	GFI RECEPTACLE, 120V., 20A., PREMIUM SPEC. GRADE, NEMA REFERENCE 5-15R IN WEATHER-PROOF BOX WITH FLAP-TYPE COVER.

- NOTES:**
- ALL CONTROL CABINET ITEMS SHALL HAVE SUITABLE IDENTIFICATION. OPEN CIRCUIT BREAKERS, CONTACTORS AND OTHER OPEN DEVICES SHALL HAVE PERMANENT SELF STICKING TAGS. DEVICES IN ENCLOSURES SHALL HAVE ENGRAVED 2-COLOR LAMINATED PLASTIC NAMEPLATES ATTACHED TO ENCLOSURES WITH SCREWS. NAMEPLATES SHALL BE ENGRAVED TO CORRESPOND TO DESIGNATIONS ON THE DRAWINGS. INTERNAL CABINET WIRING SHALL BE IDENTIFIED AS INDICATED OR AS DIRECTED BY THE ENGINEER BY MEANS OF SELF-STICKING TAGS APPLIED AT EACH CONNECTED END. IDENTIFICATION SHALL BE MADE BY THE CABINET MANUFACTURER.
 - ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED.
R = RED BL = BLUE W = WHITE
B = BLACK Y = YELLOW G = GREEN
 - PROVIDE SEALING GROMMETS FOR ALL OPEN WIRING EXTENDED FROM DEVICES IN BOXES OR CABINETS WITHIN THE CONTROL CABINET.
 - ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12AWG STRANDED UNLESS OTHERWISE INDICATED.
 - ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
 - THE CONTROLLER SHALL BE CONSTRUCTED TO U.L. STD. 508 AND BEAR THE U.L. LABEL "ENCLOSED INDUSTRIAL CONTROL PANEL"
 - SEE CABINET DETAIL SHEET FOR SCHEMATIC DIAGRAM.
 - CONTROL RELAYS CAN BE ELIMINATED IF THE CONTROL TIME CLOCK OUTPUT CONTACTS ARE RATED FOR CONTACTOR INRUSH CURRENT.

SEE SHEET 1 OF 4 FOR PANEL LAYOUT

KNIGHT
Engineers & Architects

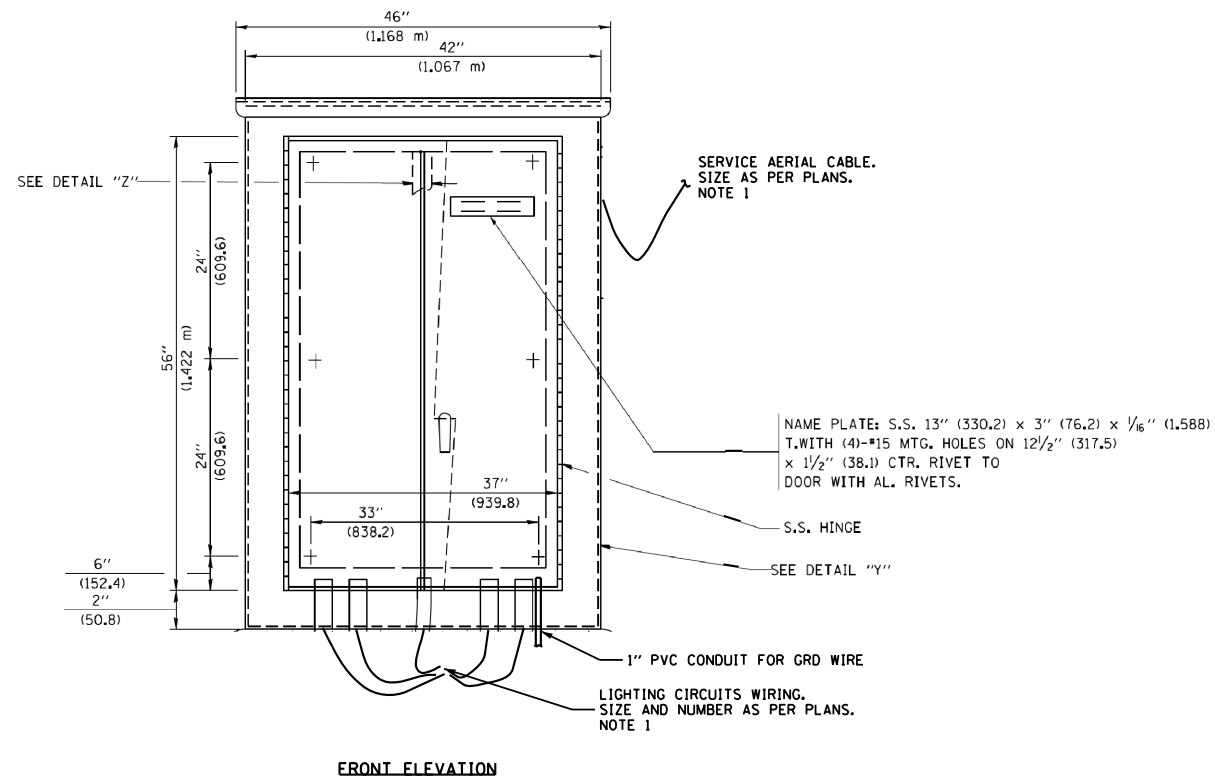
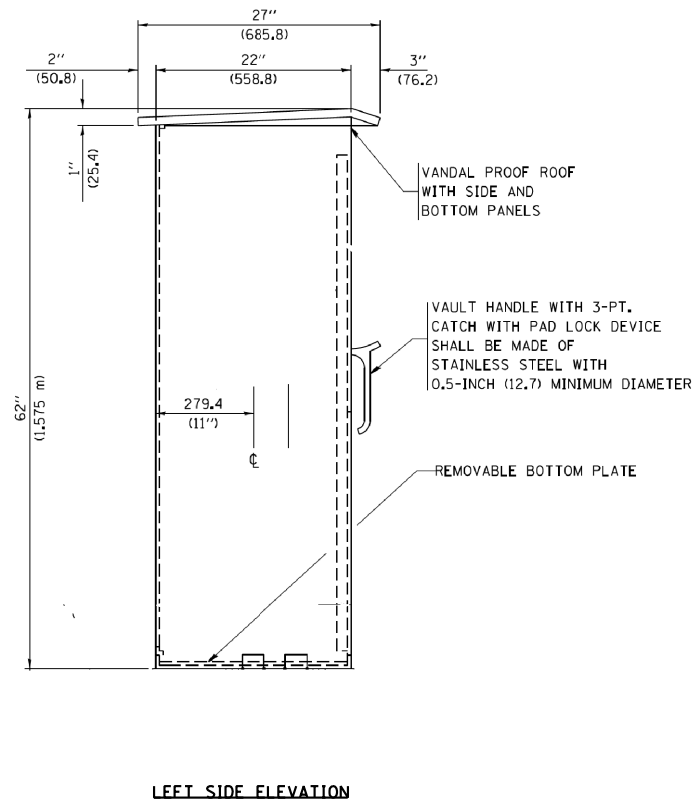
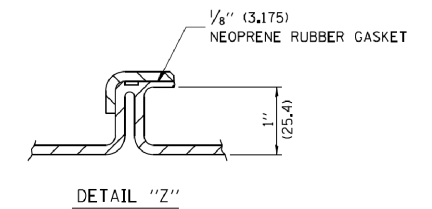
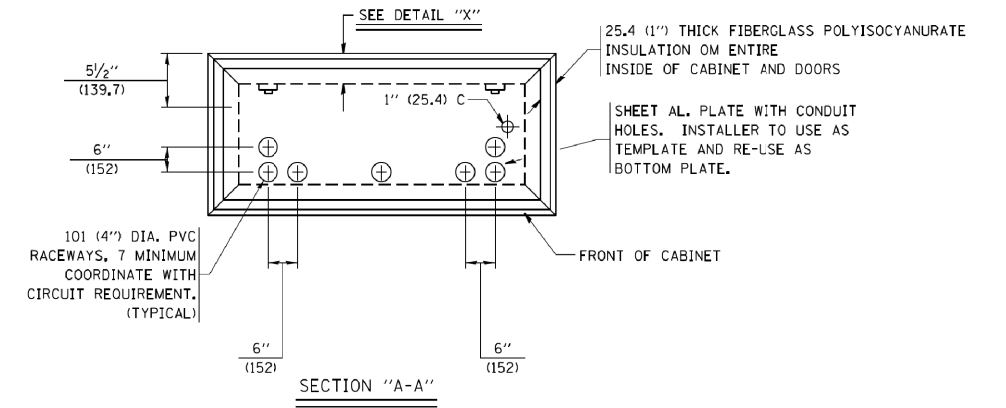
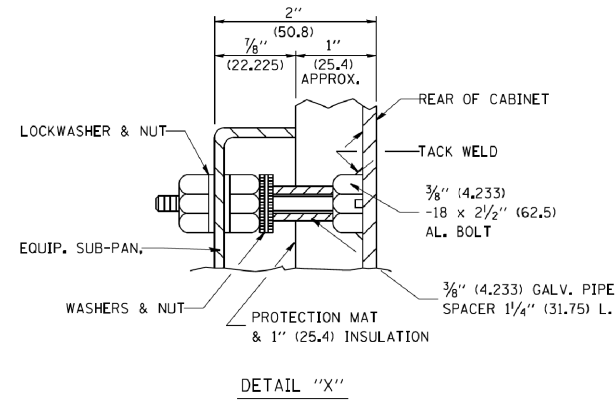
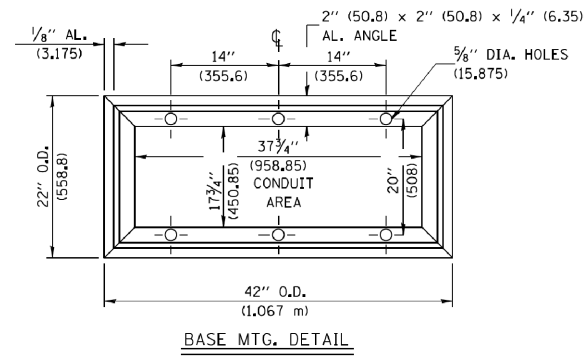
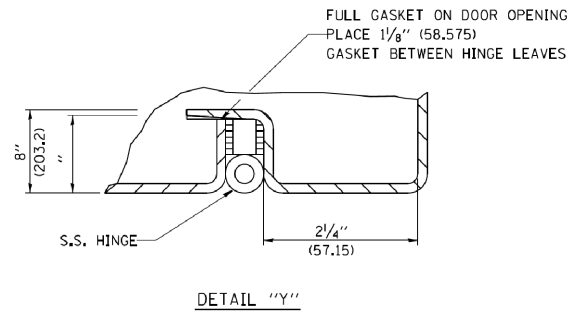
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PLOT SCALE = 1:2	DRAWN MLB	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING CONTROLLER,
480VOLT, 200AMP (DUAL)

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	980B
	LT-53B			CONTRACT NO. 60X10
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



- NOTES:**
1. CABLE ENTRANCE INTO THE CABINET SHALL BE SEALED AT ALL TIMES.
 2. MATCH OPENINGS INTO THE WOOD PLATFORM SHOWN ON SHT. LT-54 TO THE OPENINGS INTO THE CABINET BASE.

FILE NAME = D:\60X10-shr-light-53C-Detail-Lighting controller 200A.psd mtdadgn

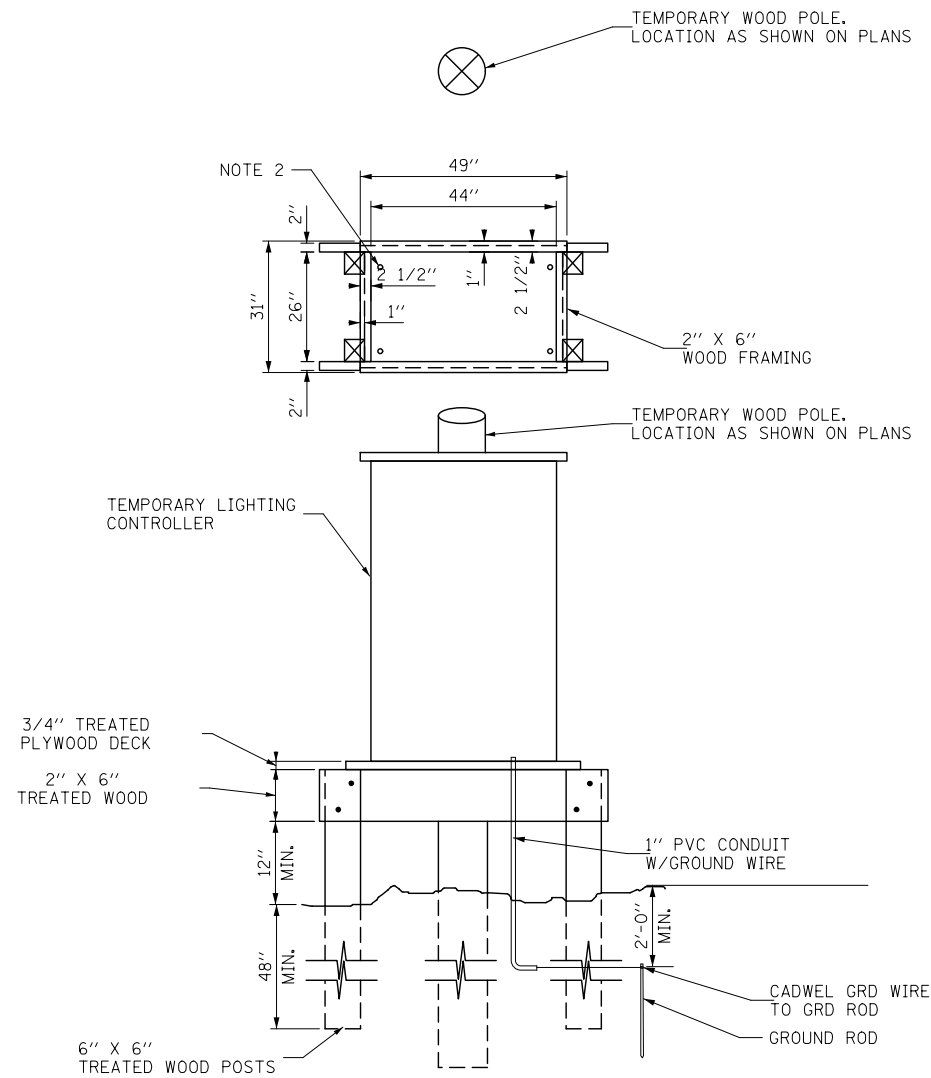
KNIGHT Engineers & Architects	USER NAME = mbalog	DESIGNED MLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY LIGHTING CONTROLLER, 480VOLT, 200AMP (DUAL)			F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:2	DRAWN MLB	REVISED -					*	(99-1HB-1) R-1	WILL	1508	980C
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -			LT-53C			CONTRACT NO. 60X10				
	DATE 08/25/17	REVISED -			SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA.	TO STA.	* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT		

NOTES

1. CABINET SHALL BE FABRICATED FROM 0.125-INCH (3.175) SHEET ALUMINUM #3003H14, FORMED AND ARC WELDED ASSEMBLY.
2. ALL SCREWS AND HARDWARE SHALL BE PLATED, GALVANIZED, OR MADE OF BRASS, ALUMINUM OR STAINLESS STEEL.
3. NAME PLATE SHALL HAVE ENGRAVED 0.75-INCH (19.05) HIGH LETTERS FILLED IN BLACK: "STATE OF ILLINOIS LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.
4. NOT USED.
5. NOT USED.
6. NOT USED.
7. THE COMPLETED CONTROLLER SHALL BE U.L. LISTED AS AN INDUSTRIAL CONTROL PANEL UNDER UL508.
8. METAL MOUNTING PANEL SHALL BE #10 GAUGE GALVANIZED SHEET STEEL FLANGED BACK 0.75-INCHES I.D. ON 4 SIDES.
9. CIRCUIT BREAKERS AND CONTACTORS AND OTHER COMPONENTS SHALL BE MOUNTED ON 0.125-INCH (3.175) THICK GLASTIC INSULATION BACK PANEL.
10. ALL DEVICES SHALL BE FRONT REMOVABLE.
11. TIME CLOCK CHANNEL 1 N.O. CONTACT IS CLOSED NIGHT AND OPEN DAY.
12. SET "ON TIME" TO 30 MINUTES AFTER ASTRONOMICAL SUNSET.
13. BUS BAR SHALL HAVE 22 LUG TERMINALS SIZED TO ACCOMMODATE REQUIRED WIRE SIZES. NEUTRAL BUS SHALL BE PAINTED WHITE. GROUND BUS SHALL BE PAINTED GREEN.
14. ALL LUGS SHALL BE OF COPPER SCREWS AND CONNECTORS, SPRING HELD.
15. ALL WIRING TERMINATIONS SHALL BE RATED NOT LESS THAN 75 DEGREE CENTIGRADE.
16. ALL CONTROL WIRING SHALL BE 600V MACHINE TOOL WIRE TYPE MTW.
17. ALL POWER WIRING SHALL BE 600V TYPE RHH/RHW.
18. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
 - R - RED Y - YELLOW
 - B - BLACK W - WHITE
 - BL- BLUE G - GREEN
19. ALL DIMENSIONS ARE IN MILIMETERS (INCHES) UNLESS OTHERWISE INDICATED.
20. SCHEMATIC SHOWN WITH BREAKER OPEN, CONTACTOR OPEN, CABINET DOOR CLOSED, CLOCK NOT ACTIVE.
21. A LAMINATED COPY OF THE CIRCUIT SCHEMATIC SHALL BE ATTACHED TO THE INSIDE OF THE CONTROLLER.

FILE NAME = D:\60X10-shr-light-530-Detail-Lighting-controller-200A.psd mtdadgn

	USER NAME = mbalog	DESIGNED MLB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY LIGHTING CONTROLLER, 480VOLT, 200AMP (DUAL)	F.A./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN MLB	REVISED -	*			(99-1HB-1) R-1	WILL	1508	980D	
	PLOT SCALE = 1:2	CHECKED CBS	REVISED -			LT-53D		CONTRACT NO. 60X10		
PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -	SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA.	TO STA.	* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT		



NOTES:

1. BASED ON LIGHTING CONTROLLER CABINET, ADJUST PLATFORM SIZE TO FIT BASE DIMENSIONS.
2. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
3. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

TEMPORARY LIGHTING CONTROLLER
GROUND MOUNTED WOOD SUPPORT PLATFORM
DETAIL

FILE NAME = D:\60X10-shr-light-54-Detail-Temporary controller-wood support.dgn



USER NAME = dbarnes	DESIGNED MLB	REVISED -
	DRAWN MLB	REVISED -
PLOT SCALE = 1:2	CHECKED CBS	REVISED -
PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING CONTROLLER
DETAILS**

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	981
LT-54			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

HIGH MAST LIGHT TOWER 7JCD1 SOIL BORING LOG

Page 1 of 1
Date 10/21/14

SOIL BORING LOG

ROUTE Weber Road DESCRIPTION Proposed Weber Road & I-55 Improvements LOGGED BY JH
 SECTION Normantown Road to 135th Street/Romeo Road LOCATION Overhead Sign, SEC., TWP., RNG.,
 COUNTY Will County DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	NA	D	B	U	M	Surface Water Elev.	NA	ft	D	B	U	M
Station	NA	E	L	C	O	Stream Bed Elev.	NA	ft	E	L	C	O
BORING NO.	OS-01	T	W	S	I	Groundwater Elev.:	None	ft	H	S	Qu	T
Station	804+07	H	S	Qu	None	ft	(ft)	(/6")	(1st)	(%)		
Offset	2.00ft RT	(ft)	(/6")	(1st)	(%)	None	ft	(ft)	(/6")	(1st)	(%)	
Ground Surface Elev.	654.00	ft	(ft)	(/6")	(1st)	NA	ft	(ft)	(/6")	(1st)	(%)	
4 inches of Concrete						Hard Brown, Moist SILTY CLAY (CL/ML) (continued)						
8 inches of Sand, with gravel 653.00						630.50						
Brown, Moist FILL: SILTY CLAY						Very Stiff Gray, Moist SILTY CLAY (CL/ML)						
4						7						
4 8.0						8 4.4						
6 P 16						11 B 22						
5						7						
6 5.0						4 2.5						
7 P 16						7 B 21						
6						8						
10 6.0						9 NR						
12 P 14						12						
4						4						
5 3.0						6 2.1						
7 P 22						7 B 23						
-10						-30						
5						4						
14 6.0						6 2.3						
10 P 17						7 B 20						
640.50						615.40						
Hard Brown, Moist SILTY CLAY (CL/ML)						Stiff Gray, Moist SILT (ML)						
11						4						
8 4.0						15 1.8						
-15 P 16						18 P 16						
3						4						
6 4.4						6 2.9						
11 B 20						9 B 17						
4						3						
8 4.4						6 3.5						
8 B 19						8 B 18						
-20						-40						

End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

HIGH MAST LIGHT TOWER 7KGH2 SOIL BORING LOG

Page 1 of 1
Date 10/17/14

SOIL BORING LOG

ROUTE Weber Road DESCRIPTION Proposed Weber Road & I-55 Improvements LOGGED BY JH
 SECTION Normantown Road to 135th Street/Romeo Road LOCATION Overhead Sign, SEC., TWP., RNG.,
 COUNTY Will County DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	NA	D	B	U	M	Surface Water Elev.	NA	ft	D	B	U	M
Station	NA	E	L	C	O	Stream Bed Elev.	NA	ft	E	L	C	O
BORING NO.	OS-08	T	W	S	I	Groundwater Elev.:	None	ft	H	S	Qu	T
Station	818+80	H	S	Qu	T	First Encounter	None	ft	(ft)	(/6")	(1st)	(%)
Offset	53.00ft LT	(ft)	(/6")	(1st)	(%)	Upon Completion	None	ft	(ft)	(/6")	(1st)	(%)
Ground Surface Elev.	663.00	ft	(ft)	(/6")	(1st)	After NA Hrs.	NA	ft	(ft)	(/6")	(1st)	(%)
6 inches of Topsoil 662.50						Very Stiff to Hard Gray, Moist SILTY CLAY (CL/ML) (continued)						
Brown, Moist FILL: SILTY CLAY, with sand						657.00						
2						5						
3 2.0						9 8						
4 P 21						9 2.1						
4						6 B 20						
4						4						
4 2.3						3 3.0						
5 P 16						7 P 20						
-5						-25						
657.00						652.00						
Hard Brown, Moist SILTY CLAY, with sand and gravel (CL/ML)						Hard Brown, Moist SILTY CLAY (CL/ML)						
5						7						
9 4.5						8 4.6						
9 P 18						10 B 20						
8						12						
9 4.5						16 6.5						
9 P 18						16 P 16						
-10						-15						
652.00						647.00						
Hard Brown, Moist SILTY CLAY (CL/ML)						Very Stiff to Hard Gray, Moist SILTY CLAY (CL/ML)						
7						4						
8 4.6						6 2.7						
10 B 20						9 B 16						
12						4						
16 6.5						6 2.9						
16 P 16						9 B 17						
-15						-20						
647.00						623.00						
Very Stiff to Hard Gray, Moist SILTY CLAY (CL/ML)						End of Boring						
4						3						
6 2.7						6 3.5						
9 B 16						8 B 18						
4						3						
6 2.9						6 3.5						
9 B 17						8 B 18						
-20						-40						

End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

FILE NAME = D:\60X10-eh-t-light+55-Soil Boring.dgn



USER NAME = dbarnes	DESIGNED GSG	REVISED -
PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HIGH MAST TOWER FOUNDATION SOIL BORING LOGS

SCALE: NONE 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	982
LT-55			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

HIGH MAST LIGHT TOWER 7JHG1 SOIL BORING LOG

Page 1 of 1

Date 1/14/16

Illinois Department of Transportation
Division of Highways
GSG CONSULTANTS INC.

SOIL BORING LOG

ROUTE Weber Road DESCRIPTION Proposed Weber Road & I-55 Improvements LOGGED BY NE
 SECTION Normantown Road to 135th Street/Romeo Road LOCATION Light Tower, SEC. 30, TWP. 37N, RNG. R10E, Latitude 41.6549207°, Longitude -088.1250214°
 COUNTY Will County DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	Station	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)
						10 inches of Asphalt				
		669.20				FILL: SAND and GRAVEL				
		668.50	6			Brown and Gray, Moist				
			4	4.2	16	FILL: SILTY CLAY, with gravel				
			7	B						
			4							
			4	2.9	18	Stiff to Hard				
			7	B		Brown and Gray, Moist to Very Moist				
			-5			SILTY CLAY (CL/ML)				
			6			Pushed cobble, low recovery at 6 ft				
			8							
			10							
		661.50				Brown and Gray, Moist to Very Moist				
			2			FILL: SILTY CLAY, trace gravel				
			4	2.1	23					
			-10	B						
			5			Pushed cobble, no recovery at 11 ft				
			7		NS					
			8							
			3							
			4	2.5	24					
			7	B						
			-15							
			4							
			6	3.3	17					
			8	B						
			4							
			6	2.9	12					
			11	B						
			-20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, form 137 (Rev. 8-99)

HIGH MAST LIGHT TOWER 7KCD1 SOIL BORING LOG

Page 1 of 1

Date 1/14/16

Illinois Department of Transportation
Division of Highways
GSG CONSULTANTS INC.

SOIL BORING LOG

ROUTE Weber Road DESCRIPTION Proposed Weber Road & I-55 Improvements LOGGED BY NE
 SECTION Normantown Road to 135th Street/Romeo Road LOCATION Light Tower, SEC. 30, TWP. 37N, RNG. R10E, Latitude 41.6562923°, Longitude -088.1250733°
 COUNTY Will County DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	Station	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOIST (%)
						10 inches of Asphalt				
						8 inches of Sand and Gravel				
		669.40	7			Brown and Gray, Moist				
			7	5.5	13	FILL: SILTY CLAY LOAM, with gravel				
			8	P						
			667.50							
			5			Stiff				
			7	3.8	11	Black and Brown, Moist				
			6	B		SILTY CLAY, trace gravel (CL/ML)				
			-5			Pushed cobble from 23.5 to 25 ft				
			3							
			5	2.1	15					
			6	B						
		662.50				Brown and Gray, Moist				
			3			FILL: SILTY CLAY, trace gravel				
			3	2.0	21					
			-10	P						
			10							
			7	5.4	13					
			9	P						
			4							
			8	5.4	11	Very moist at 33.5 ft				
			7	P						
			-15							
			5							
			5	3.3	14					
			8	B						
			12							
			8	4.0	22	Pushed cobble from 18.5 to 20 ft				
			8	P						
			-20							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, form 137 (Rev. 8-99)

FILE NAME = D:\60X10-shr-light-high-56-Soil Boring\02.dgn



USER NAME = dbarnes	DESIGNED GSG	REVISED -
	DRAWN PAW	REVISED -
PLOT SCALE = 1:2	CHECKED CBS	REVISED -
PLOT DATE = 8/17/2017	DATE 08/25/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

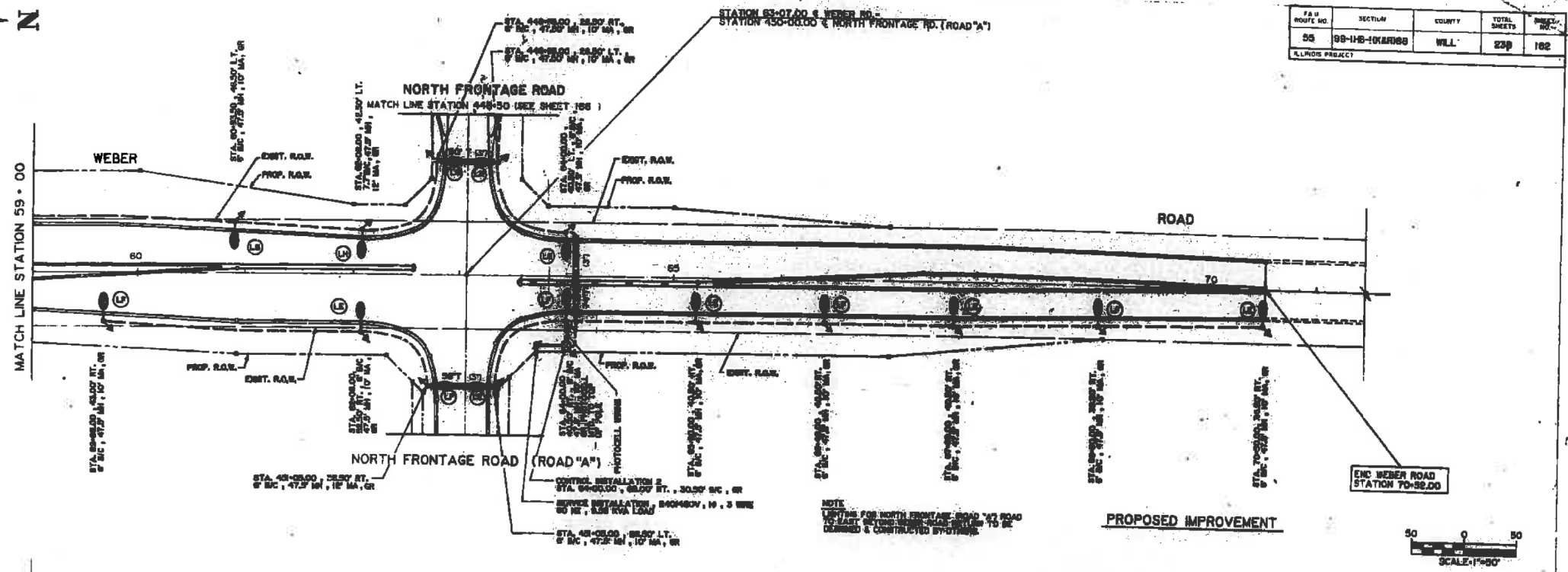
HIGH MAST TOWER FOUNDATION SOIL BORING LOGS

SCALE: NONE 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	983
LT-56			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				

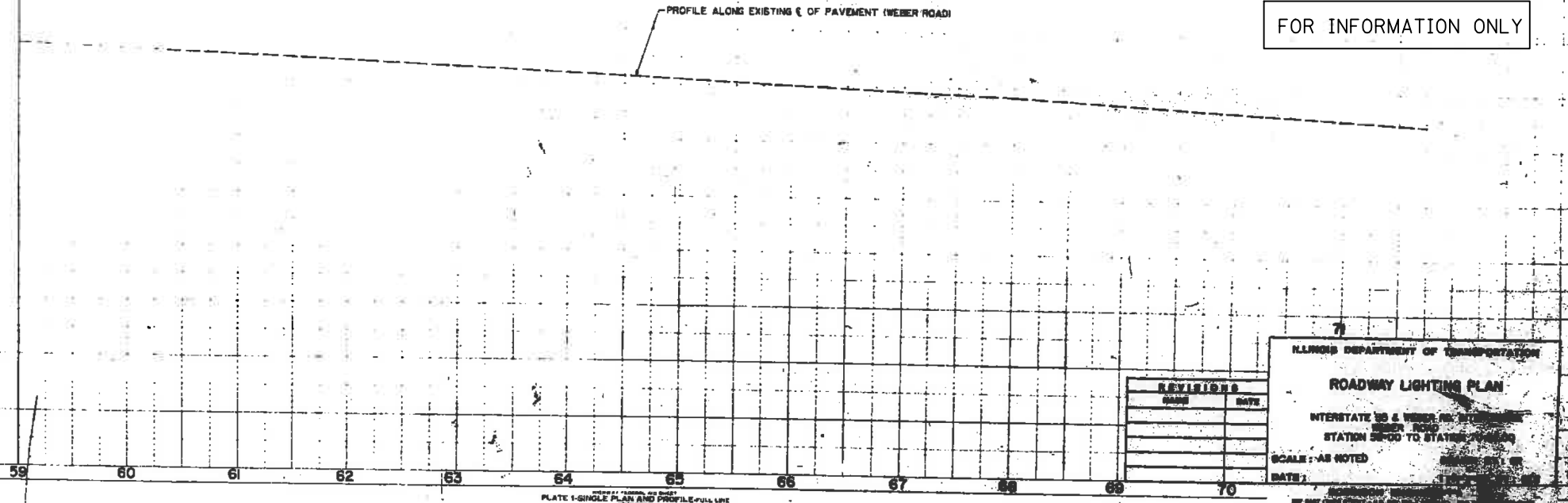


FAI ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-1HB-1KARRIB	WILL.	238	182



670
665
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620



FOR INFORMATION ONLY

REVISIONS	
DATE	NOTE

ILLINOIS DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING PLAN

INTERSTATE 55 & WEBER RD. INTERCHANGE
WEBER ROAD
STATION 59+00 TO STATION 70+00

SCALE: AS NOTED

DATE: 05/12/17

PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
DRAWN BY: GSG
CHECKED BY: PAW
DATE: 05/12/17

D C B A 0 A B C D

TAMERAN

FILE NAME = D:\60X10-ehc-light-57-ExistingLighting01.dgn



USER NAME = dbarnes	DESIGNED GSG	REVISED -
PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

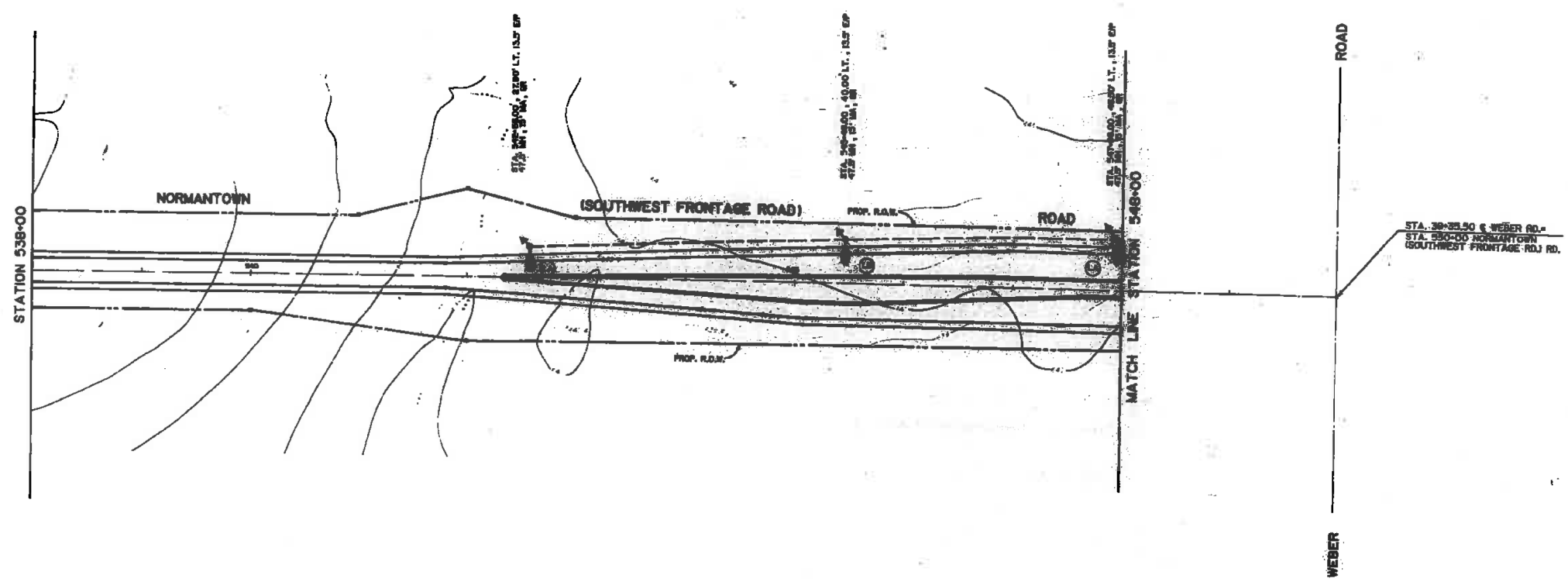
EXISTING ROADWAY LIGHTING PLAN			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	984
LT-57			CONTRACT NO. 60X10	

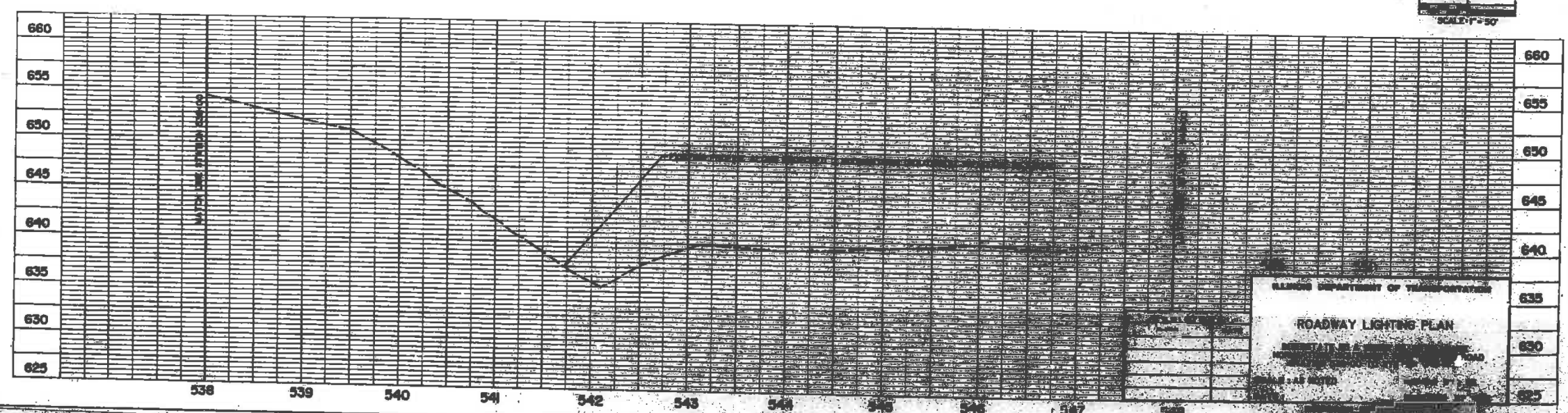
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT

F.A.I. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-1HB-10KRU88	WILL.	236	163

ILLINOIS PROJECT



FOR INFORMATION ONLY



D C B A 0 A B C D

FILE NAME = D:\60X10-eh-t-light-58-Existing-lighting.dgn



USER NAME = dbarnes	DESIGNED GSG	REVISED -
PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

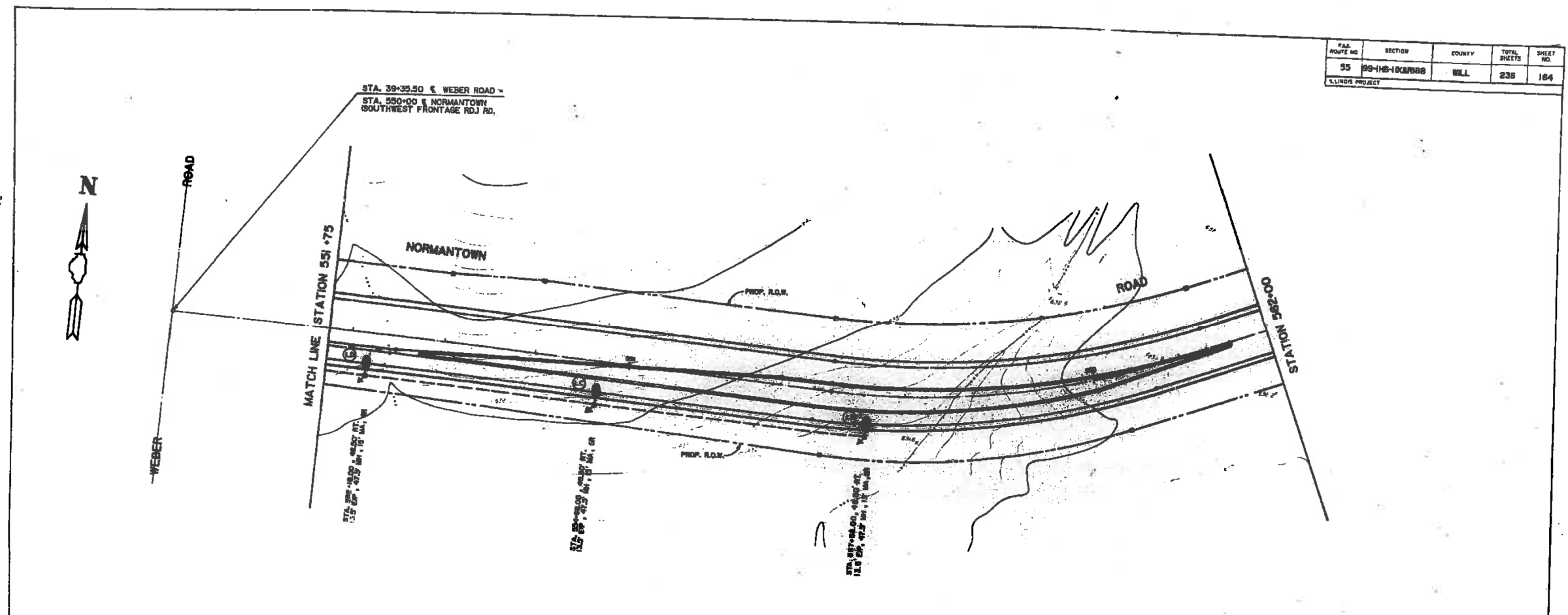
EXISTING ROADWAY LIGHTING PLAN

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

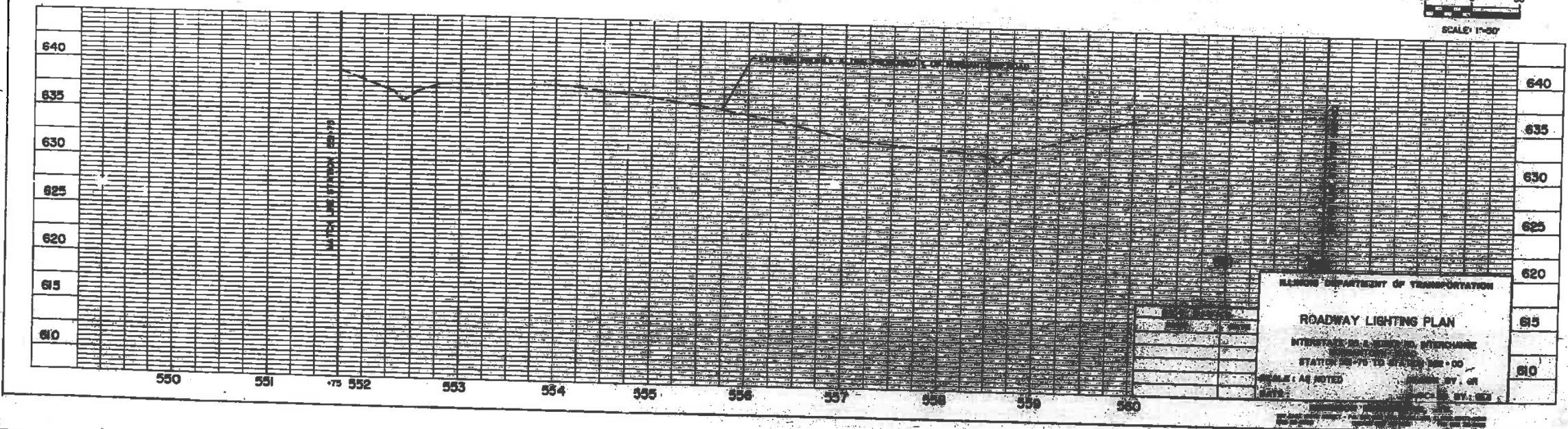
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*	(99-1HB-1) R-1	WILL	1508	985
LT-58			CONTRACT NO. 60X10	

* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT

F.A.I./P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-1HB-10&R88	WILL.	238	184



FOR INFORMATION ONLY



ILLINOIS DEPARTMENT OF TRANSPORTATION
ROADWAY LIGHTING PLAN
 INTERCHANGE NO. 2000, INTERCHANGE
 STATION 55+75 TO STATION 560+00
 SCALE: AS NOTED
 DRAWN BY: []
 CHECKED BY: []
 DATE: []



FILE NAME : D:\60X10-shr-lighting\59-ExistingLighting\03.dgn



USER NAME : dbarnes	DESIGNED GSG	REVISED -
PLOT SCALE : 1:2	DRAWN PAW	REVISED -
PLOT DATE : 8/17/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

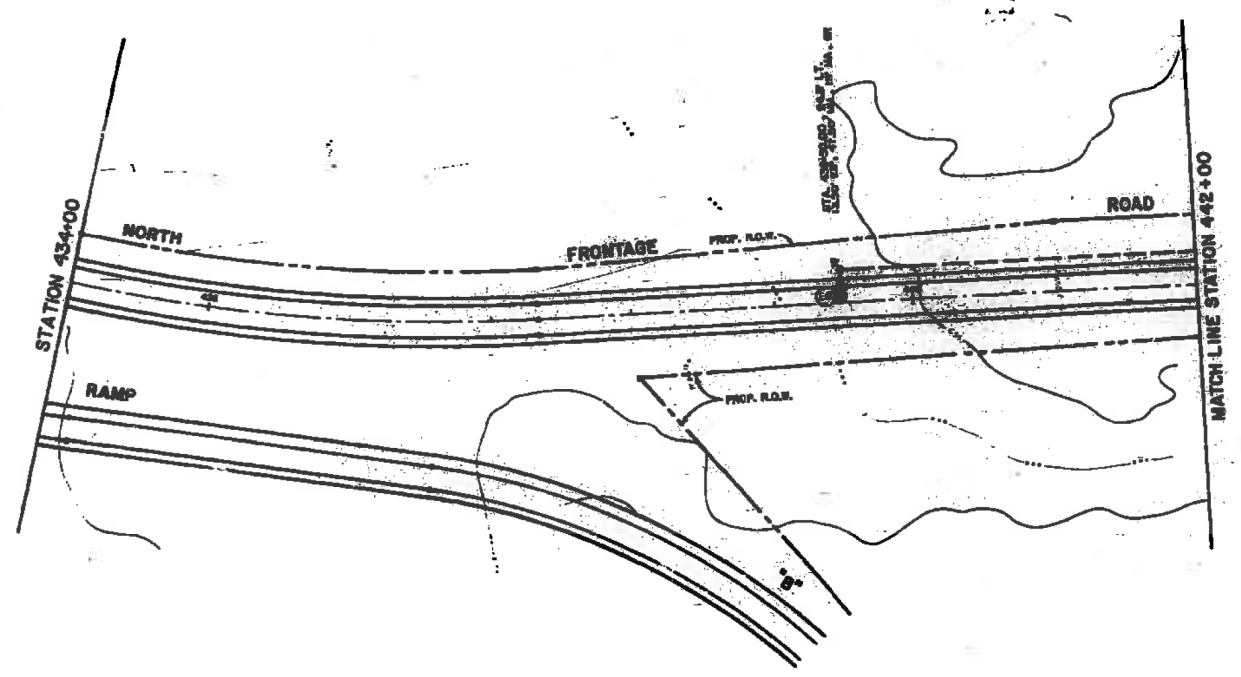
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY LIGHTING PLAN			
SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	

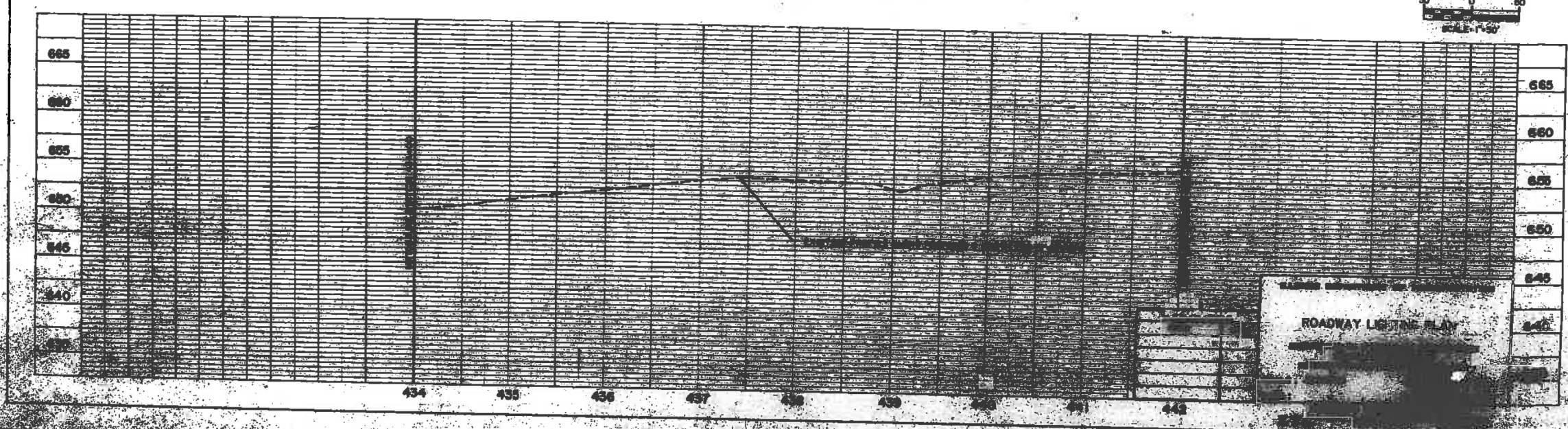
F.A.I./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	986
LT-59			CONTRACT NO. 60X10	

* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT

FAI ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
50	99-1HB-1(K&R)00	WILL.	238	168
ILLINOIS PROJECT				



FOR INFORMATION ONLY



FILE NAME = D:\60X10-eh-t-light+60-ExistingLighting.dgn



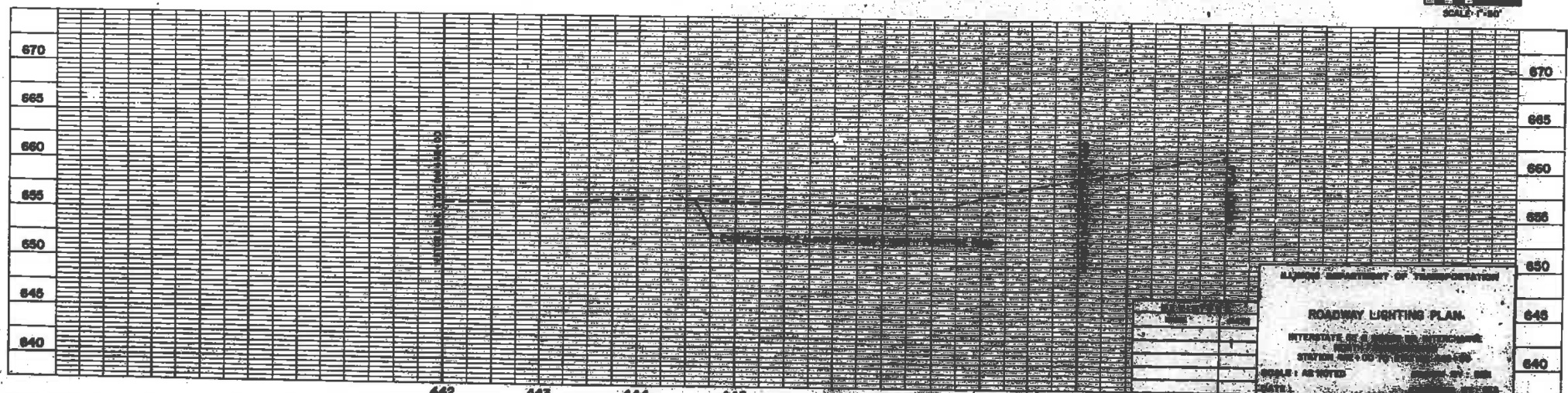
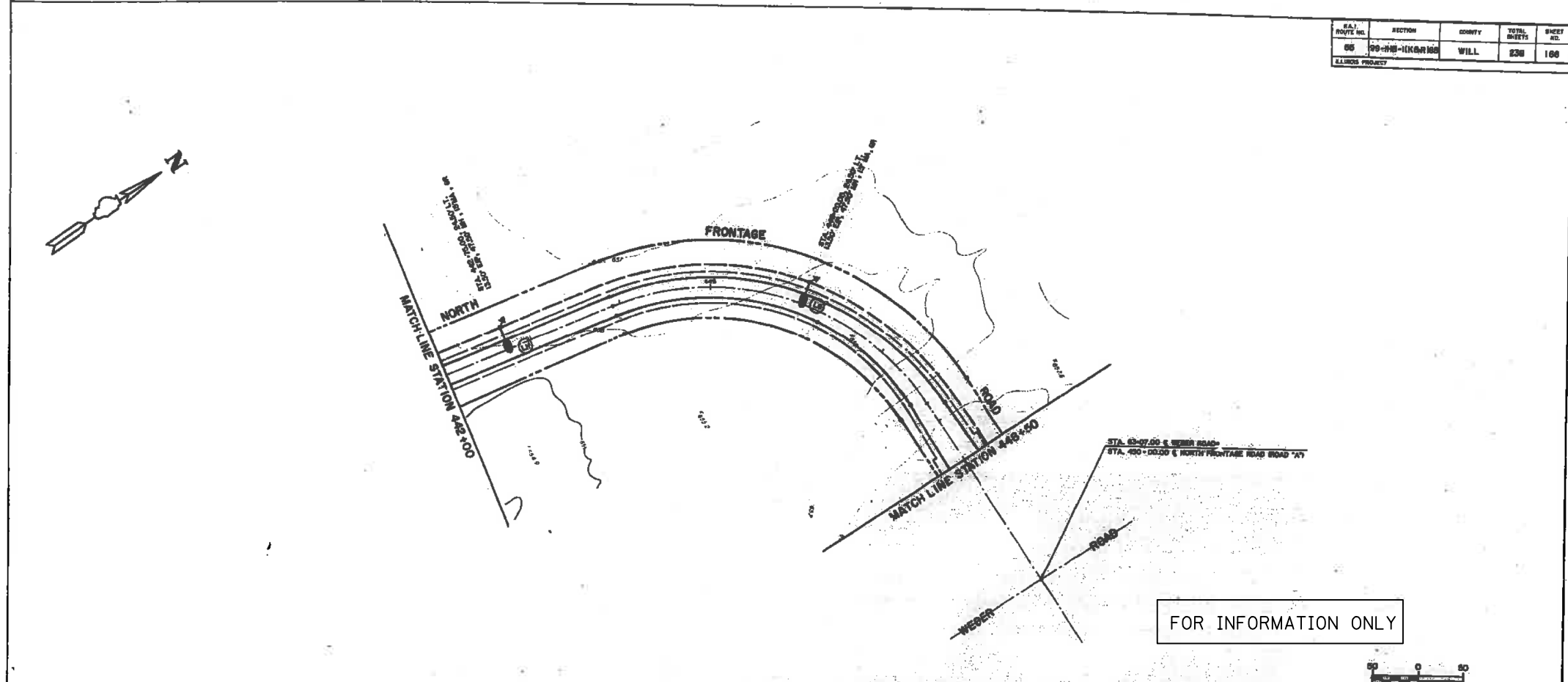
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	DRAWN PAW	REVISED -
PLOT SCALE = 1:2	CHECKED CBS	REVISED -
PLOT DATE = 8/17/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY LIGHTING PLAN			
SCALE: NONE	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	987
LT-60			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
65	99-IHB-1R-1	WILL.	236	166



D C B A 0 A B C D

TAMERAN

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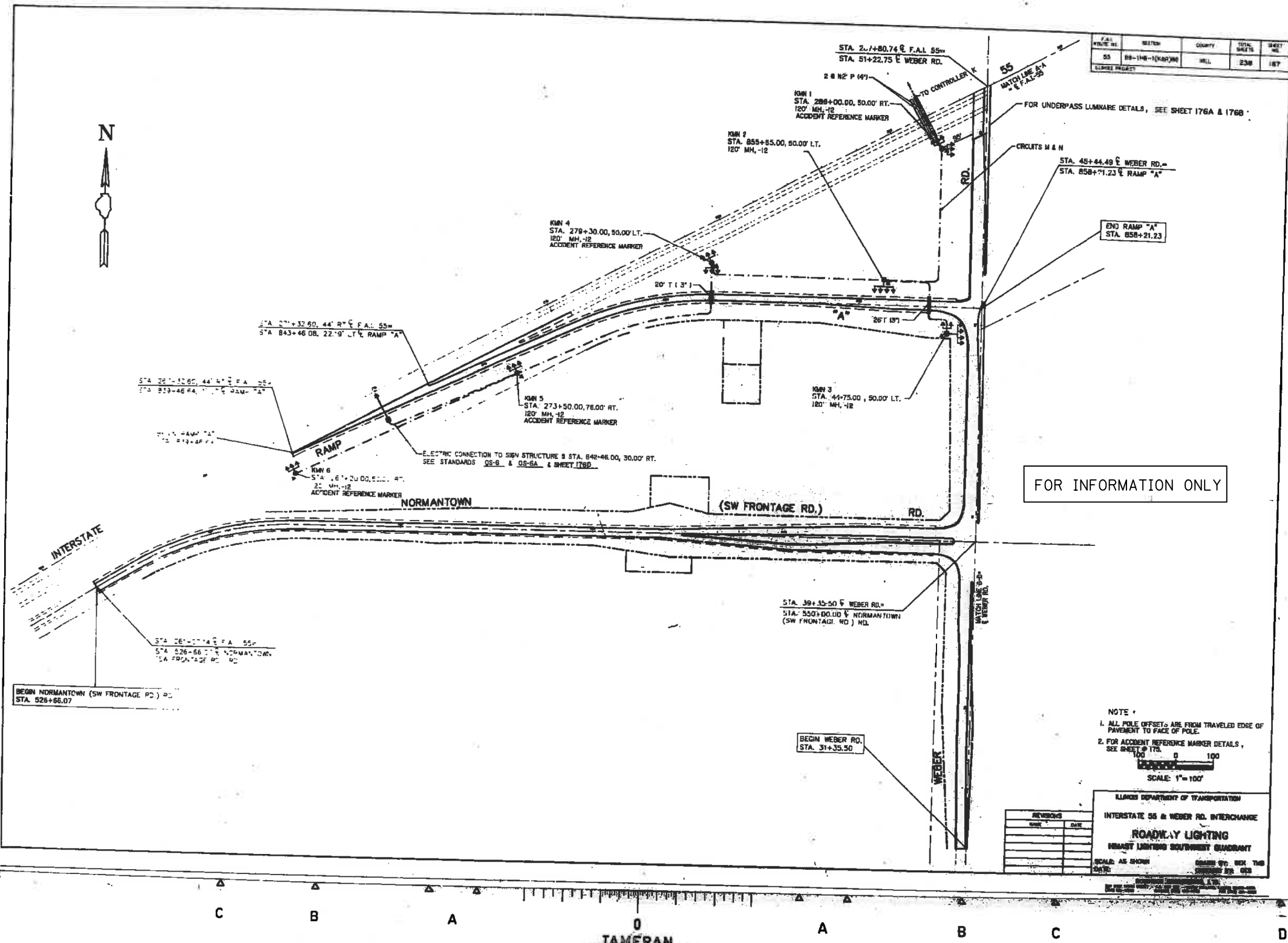
KNIGHT
Engineers & Architects

USER NAME : dbarnes	DESIGNED GSG	REVISED -
	DRAWN PAW	REVISED -
PLOT SCALE : 1/2	CHECKED CBS	REVISED -
PLOT DATE : 8/17/2017	DATE 05/12/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING ROADWAY LIGHTING PLAN			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-IHB-1) R-1	WILL	1508	988
LT-61			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



F.A.I./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	89-1HB-1 (RAMP)	WILL	238	187

FOR INFORMATION ONLY

NOTE:
 1. ALL POLE OFFSETS ARE FROM TRAVELED EDGE OF PAVEMENT TO FACE OF POLE.
 2. FOR ACCIDENT REFERENCE MARKER DETAILS, SEE SHEET 175.
 SCALE: 1"=100'

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSTATE 55 & WEBER RD. INTERCHANGE
ROADWAY LIGHTING
 SOUTH LANTIER SOUTHWEST QUADRANT
 SCALE: AS SHOWN
 DRAWN BY: MEX TMB
 CHECKED BY: GED
 DATE: 05/12/17

REVISION	DATE

FILE NAME = D:\60X10-shr-light+high+62-ExistingLighting86.dgn

KNIGHT
 Engineers & Architects

USER NAME = dbarnes	DESIGNED GSG	REVISED -
PLOT SCALE = 1:2	DRAWN PAW	REVISED -
DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

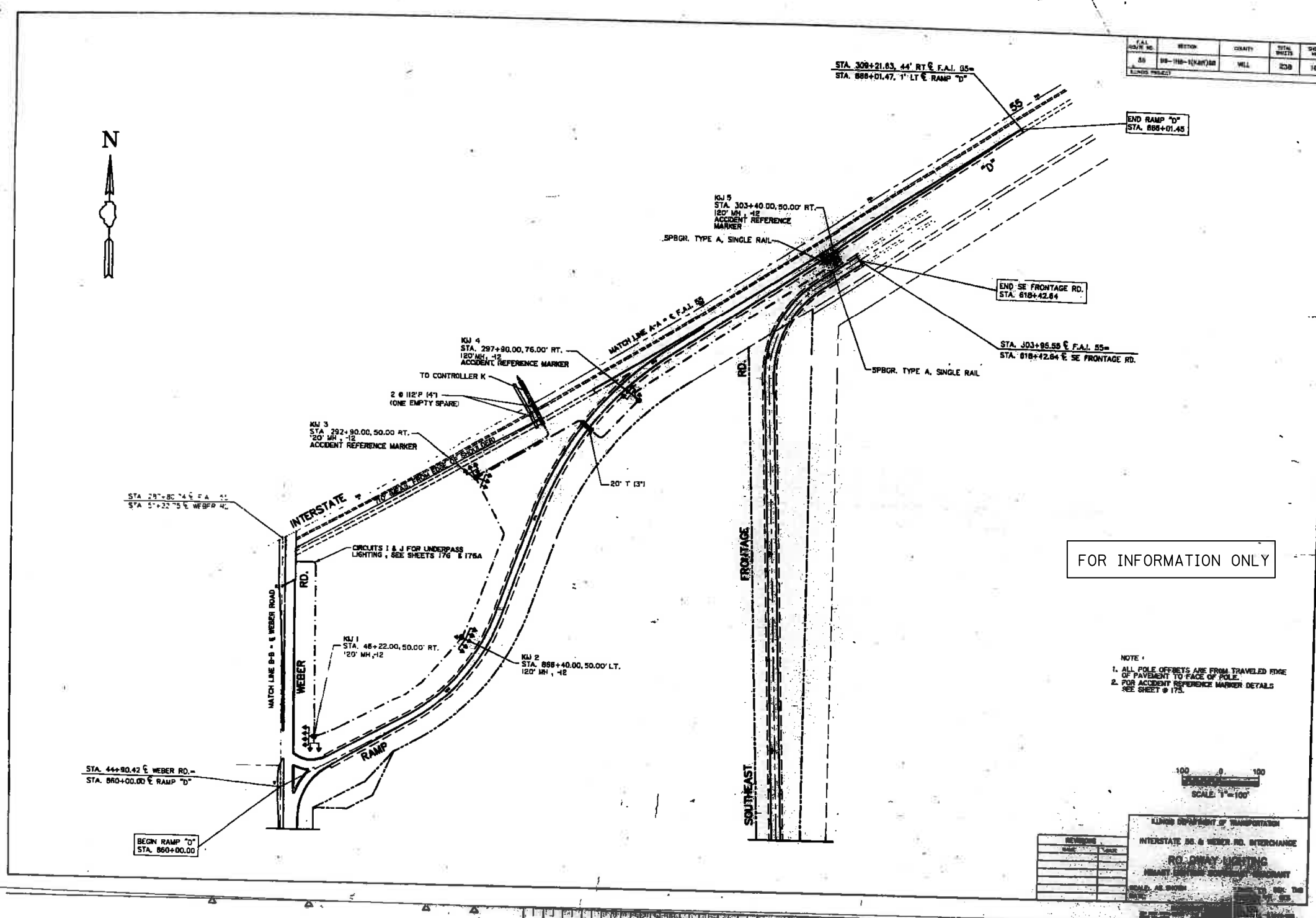
EXISTING ROADWAY LIGHTING PLAN

SCALE: NONE 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	989
LT-62			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



F.A.I./P. SHEET NO.	SECTION	COUNTY	TOT. SHEETS	SHEET NO.
55	99-1HB-17(R-1)	WILL	238	168



FOR INFORMATION ONLY

- NOTE:
1. ALL POLE OFFSETS ARE FROM TRAVELED EDGE OF PAVEMENT TO FACE OF POLE.
 2. FOR ACCIDENT REFERENCE MARKER DETAILS SEE SHEET # 175.



REVISIONS	
NO.	DESCRIPTION

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSTATE 55 & WEBER RD. INTERCHANGE
 ROADWAY LIGHTING
 PREPARED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION
 CHICAGO, ILL. 60608



FILE NAME = D:\60X10-shr-light+high+63-ExistingLighting.dgn

KNIGHT
 Engineers & Architects

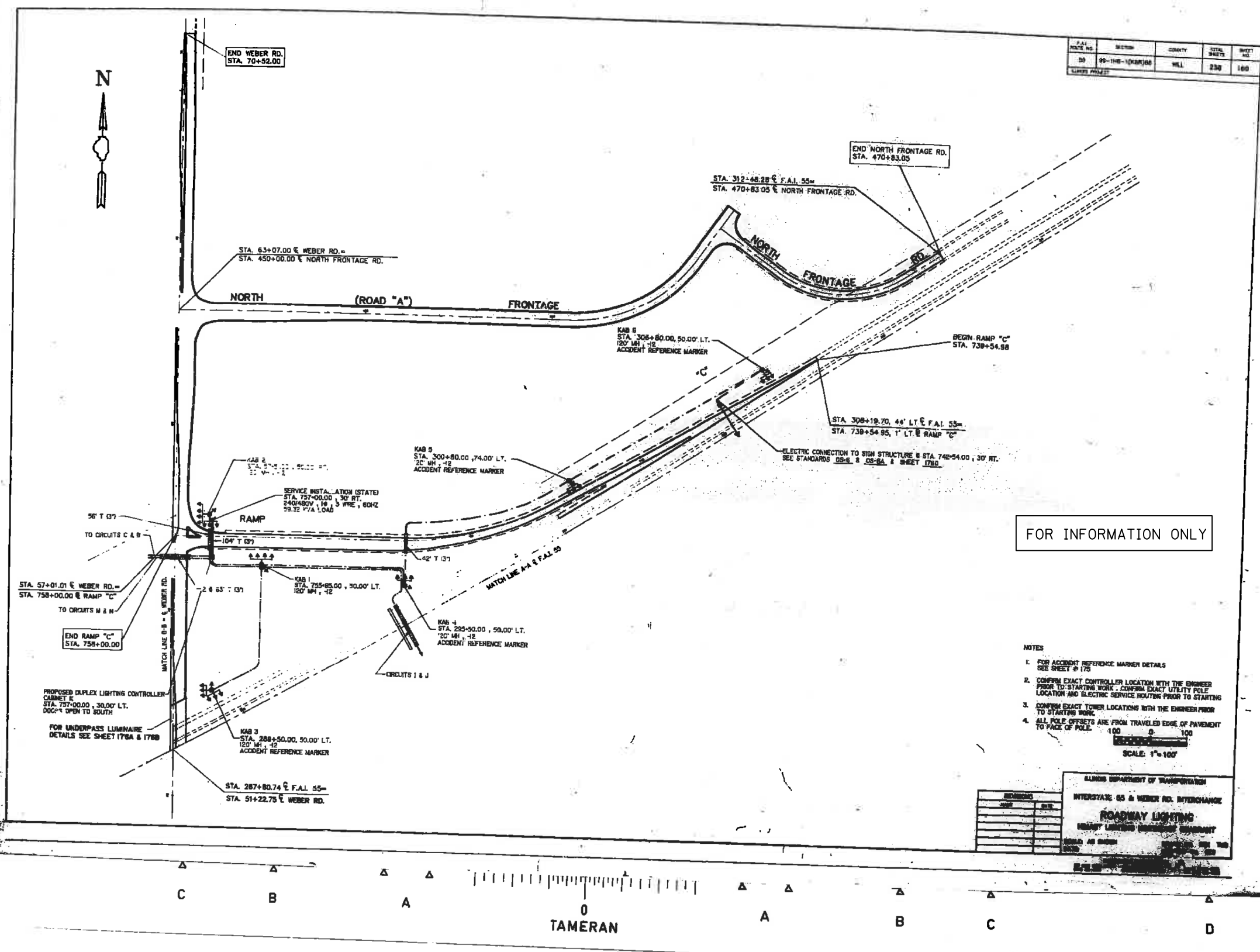
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PLOT DATE = 8/17/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY LIGHTING PLAN

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

F.A.I./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-17) R-1	WILL	1508	990
LT-63			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

- NOTES
1. FOR ACCIDENT REFERENCE MARKER DETAILS SEE SHEET 1770
 2. CONFIRM EXACT CONTROLLER LOCATION WITH THE ENGINEER PRIOR TO STARTING WORK. CONFIRM EXACT UTILITY POLE LOCATION AND ELECTRIC SERVICE ROUTING PRIOR TO STARTING WORK.
 3. CONFIRM EXACT TOWER LOCATIONS WITH THE ENGINEER PRIOR TO STARTING WORK.
 4. ALL POLE OFFSETS ARE FROM TRAVELED EDGE OF PAVEMENT TO FACE OF POLE. 100 0 100
- SCALE: 1"=100'

ILLINOIS DEPARTMENT OF TRANSPORTATION	
INTERSTATE 55 & WEBER RD. INTERCHANGE	
ROADWAY LIGHTING	
EXISTING LIGHTING CONDITIONS	
DESIGNED	GSG
DRAWN	PAW
CHECKED	CBS
DATE	05/12/17

FILE NAME : D:\60X10-shr-light+64-ExistingLighting88.dgn



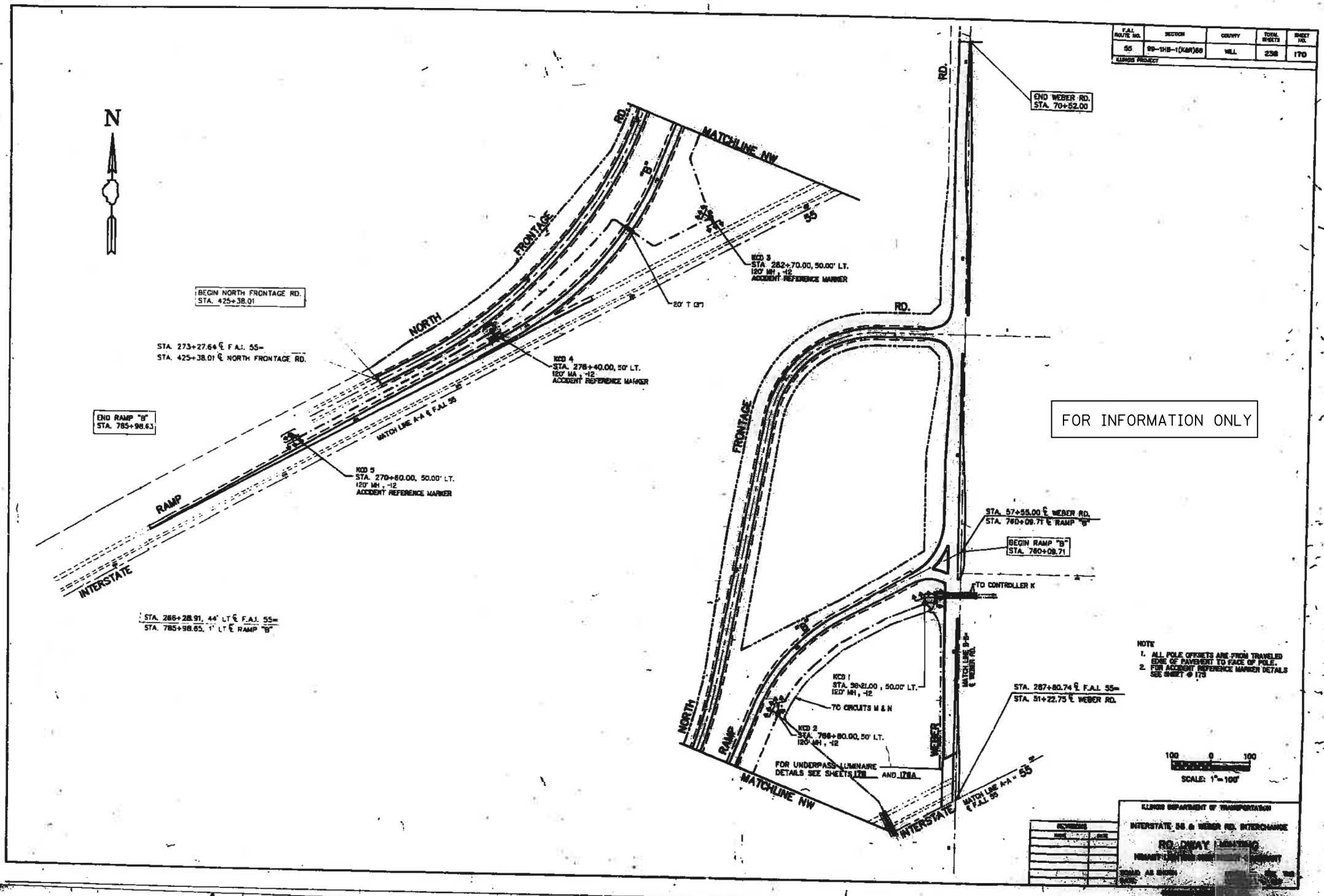
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PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY LIGHTING PLAN

SCALE: NONE 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	991
LT-64			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



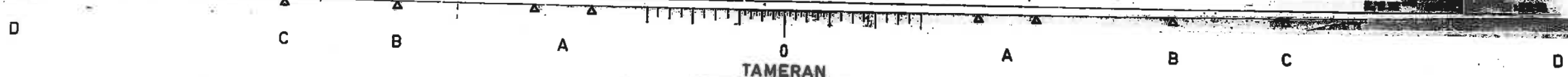
F.A.I./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-1HB-1(K&M)80	WILL.	258	170

FOR INFORMATION ONLY

NOTE
 1. ALL POLE OFFSETS ARE FROM TRAVELED SIDE OF PAVEMENT TO FACE OF POLE.
 2. FOR ACCIDENT REFERENCE MARKER DETAILS SEE SHEET 170

SCALE: 1"=100'

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSTATE 55 & WEBER RD. INTERCHANGE
 ROADWAY LIGHTING PLAN
 SHEET NO. 170 OF 258



FILE NAME : D:\60X10-shr-high+65-ExistingLighting\lighting09.dgn

KNIGHT
 Engineers & Architects

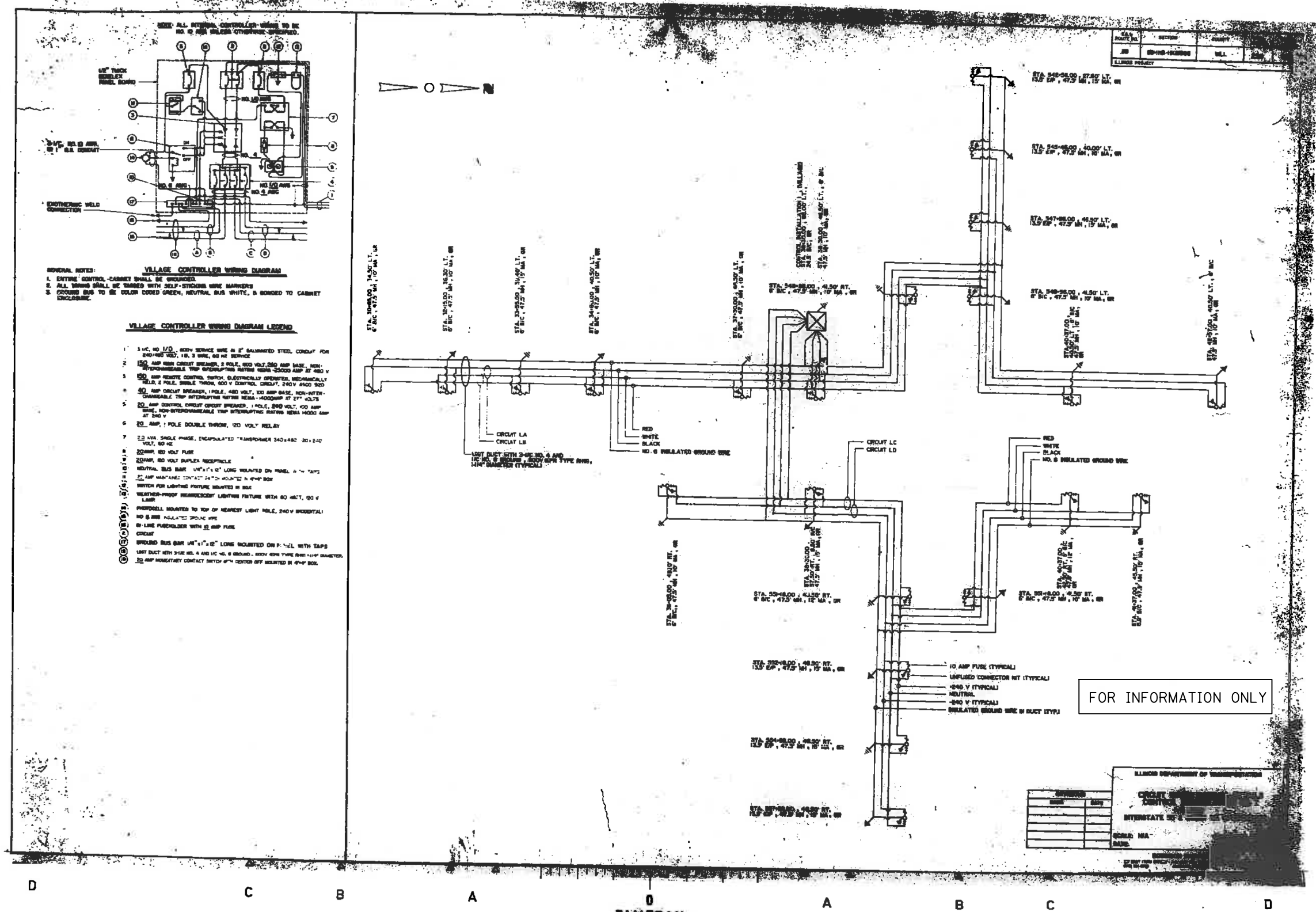
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PLOT DATE : 8/17/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY LIGHTING PLAN

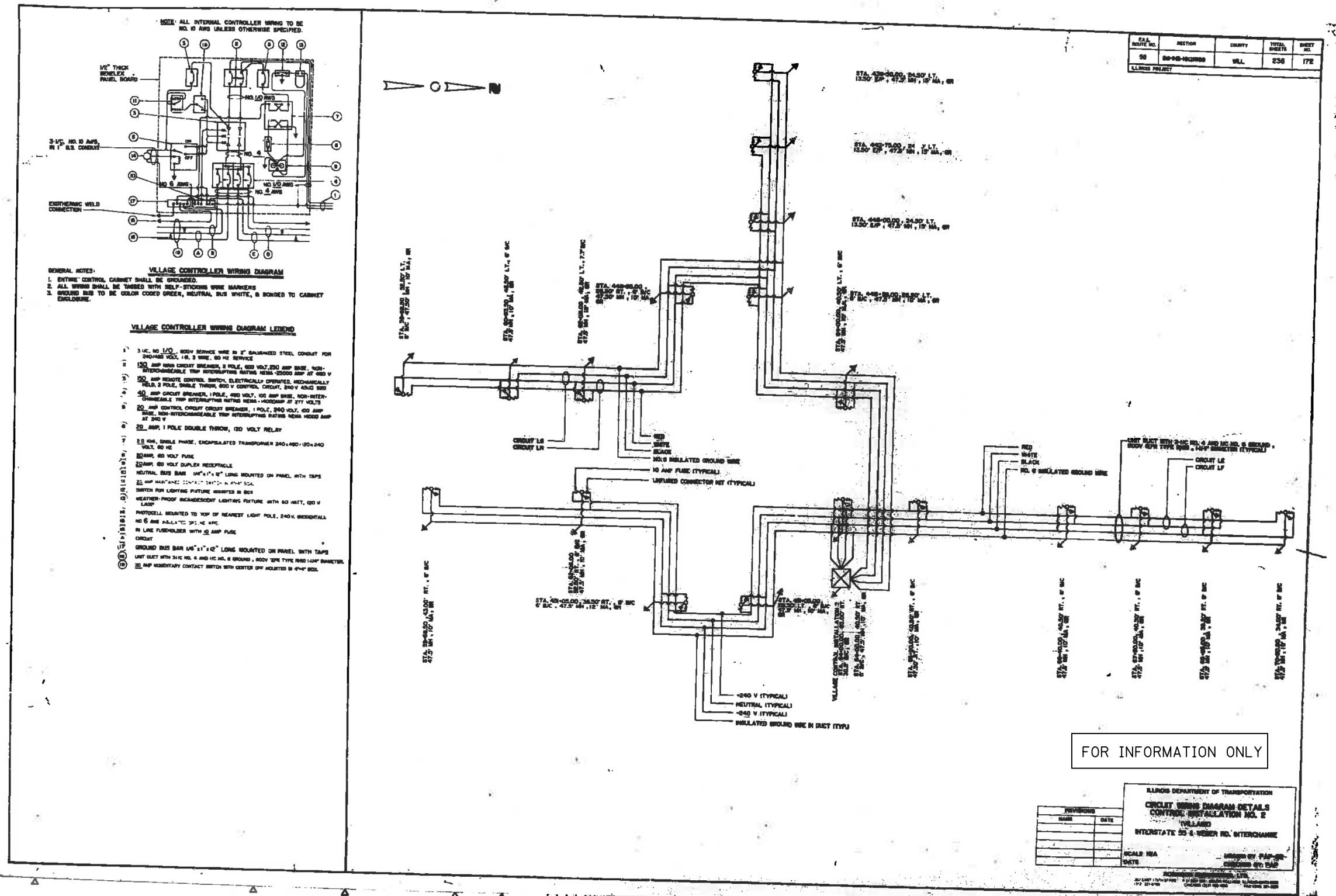
SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.I./P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	992
LT-65			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



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PLOT DATE = 8/17/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -



SCALE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
50	89-85-100300	WILL	238	178

FOR INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION
CIRCUIT WIRING DIAGRAM DETAILS
 CONTROL INSTALLATION NO. 2
 (VILLAGE)
 INTERSTATE 55 & WEBER RD. INTERCHANGE

SCALE: N/A
 DATE: _____

DESIGNED BY: P.A.P.
 CHECKED BY: G.W.S.



FILE NAME = D:\60X10-ght-light+67-Existing\lighting\1.dgn

KNIGHT
 Engineers & Architects

USER NAME = mmaestra	DESIGNED GSG	REVISED -
PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 5/13/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

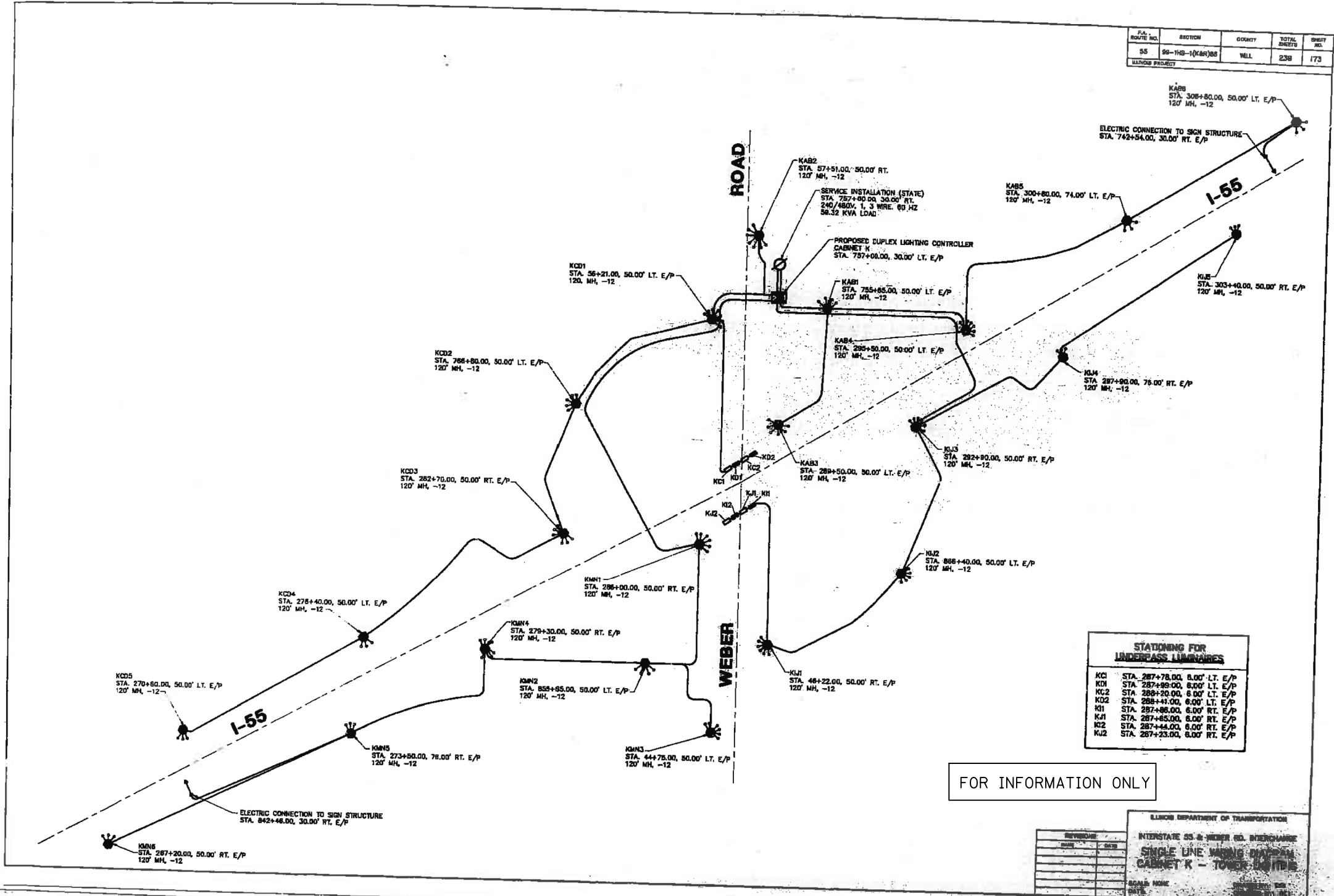
EXISTING ROADWAY LIGHTING PLAN

SCALE: NONE 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	994
LT-67			CONTRACT NO. 60X10	

* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT

F.A.I/P ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	99-1HB-1(0)KAB88	WILL	238	173



STATIONING FOR UNDERPASS LUMINAIRES	
KCI	STA. 287+78.00, 6.00' LT. E/P
KCI	STA. 287+89.00, 6.00' LT. E/P
KC2	STA. 288+20.00, 6.00' LT. E/P
KC2	STA. 288+41.00, 6.00' LT. E/P
KI1	STA. 287+85.00, 6.00' RT. E/P
KJ1	STA. 287+85.00, 6.00' RT. E/P
KI2	STA. 287+44.00, 6.00' RT. E/P
KJ2	STA. 287+23.00, 6.00' RT. E/P

FOR INFORMATION ONLY

REVISIONS:	ILLINOIS DEPARTMENT OF TRANSPORTATION
DATE	INTERSTATE 55 & WEBER RD. INTERCHANGE
BY	SINGLE LINE WIRING DIAGRAM
	CABINET K - TOWER LIGHTS
SCALE: NONE	DATE
DATE	DATE



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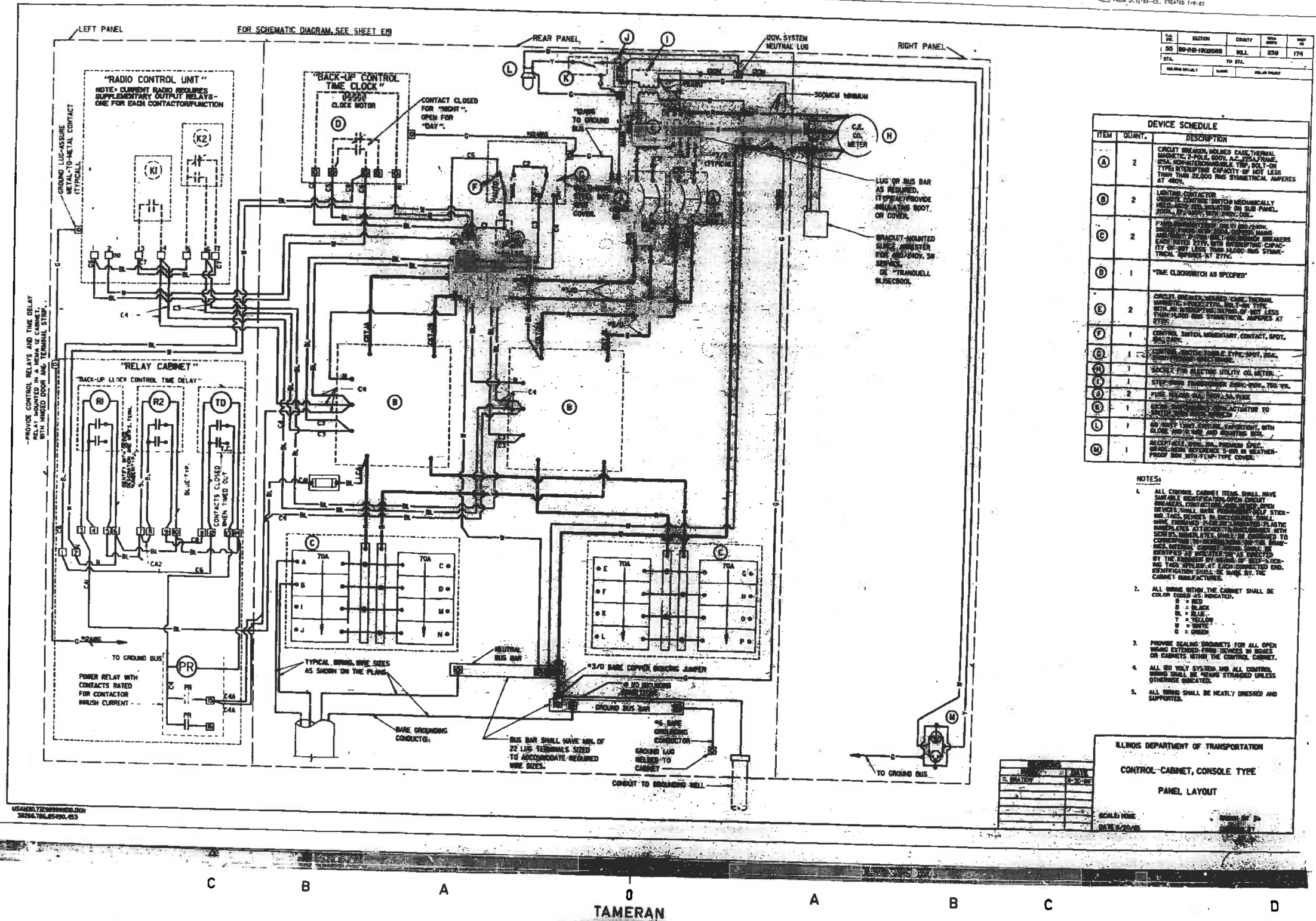
KNIGHT
Engineers & Architects

USER NAME = mmaestra	DESIGNED GSG	REVISED -
	DRAWN PAW	REVISED -
PLOT SCALE = 1:2	CHECKED CBS	REVISED -
PLOT DATE = 5/13/2017	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY LIGHTING PLAN			
SCALE: NONE	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	995
LT-68			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



NO.	SECTION	COUNTY	DATE	POST
100	99-1HB-1	WILL	8/20	174
TO STA.				
FROM STA.				

ITEM	QUANT.	DESCRIPTION
(A)	2	CIRCUIT BREAKER, HOLLOW CASE, THERMAL MAGNETIC, 2-POL, 600V, AC, 250A FRAME, 100A NOMINAL RATING, 1/2" BOLT-ON TYPE, INTERRUPTING CAPACITY OF NOT LESS THAN 22,000 RMS SYMMETRICAL AMPERES AT 60HZ.
(B)	2	LOADING CONTACTOR, 250V, 100A, 1/2" BOLT-ON TYPE, 100A NOMINAL RATING, 1/2" BOLT-ON TYPE, INTERRUPTING CAPACITY OF NOT LESS THAN 22,000 RMS SYMMETRICAL AMPERES AT 60HZ.
(C)	2	POWER RELAY, 250V, 100A, 1/2" BOLT-ON TYPE, 100A NOMINAL RATING, 1/2" BOLT-ON TYPE, INTERRUPTING CAPACITY OF NOT LESS THAN 22,000 RMS SYMMETRICAL AMPERES AT 60HZ.
(D)	1	TIME CLOCK SWITCH AS SPECIFIED
(E)	2	CIRCUIT BREAKER, HOLLOW CASE, THERMAL MAGNETIC, 2-POL, 600V, AC, 250A FRAME, 100A NOMINAL RATING, 1/2" BOLT-ON TYPE, INTERRUPTING CAPACITY OF NOT LESS THAN 22,000 RMS SYMMETRICAL AMPERES AT 60HZ.
(F)	1	CONTROL SWITCH, MOMENTARY CONTACT, SPOT, 250V, 100A
(G)	1	CONTROL SWITCH, MOMENTARY CONTACT, SPOT, 250V, 100A
(H)	1	METER, C.E. CO. UTILITY CO. METER
(I)	1	STEP-DOWN TRANSFORMER 250V-120V, 750 VA
(J)	2	FUSE, 100A, 250V, 1/2" BOLT-ON TYPE
(K)	1	CONTACTOR, 250V, 100A, 1/2" BOLT-ON TYPE
(L)	1	60 AMP, 250V, 1/2" BOLT-ON TYPE, WITH CLASS 100V, 1/2" BOLT-ON TYPE, AND WEATHER-PROOF BOX WITH LIP-TYPE COVER.
(M)	1	ACCEPTABLE SPEC. FOR WEATHER-PROOF BOX WITH LIP-TYPE COVER.

- NOTES:
- ALL CONTROL CABINET TRAYS SHALL HAVE IDENTIFIABLE IDENTIFICATION AND CIRCUIT IDENTIFICATION. CONTACTS SHALL BE IDENTIFIED BY LETTERS AND NUMBERS. IDENTIFICATION SHALL BE MADE BY THE CONTRACTOR. IDENTIFICATION SHALL BE MADE BY THE CONTRACTOR. IDENTIFICATION SHALL BE MADE BY THE CONTRACTOR.
 - ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
 R = RED
 B = BLACK
 W = WHITE
 Y = YELLOW
 G = GREEN
 - PROVIDE SEALING GROMMETS FOR ALL OPEN HOLES AND EXTENDING FROM HOLES IN DOORS OR CABINETS WITHIN THE CONTROL CABINET.
 - ALL 120 VOLT SYSTEMS AND ALL CONTROL WIRING SHALL BE "STRANDED" UNLESS OTHERWISE SPECIFIED.
 - ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONTROL CABINET, CONSOLE TYPE
 PANEL LAYOUT
 SCALE: NONE
 DATE: 8/20/03

FOR INFORMATION ONLY

FILE NAME = D:\60X10-shr-light-69-Existing-lighting\3.dgn

KNIGHT
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USER NAME = mmaestra	DESIGNED GSG	REVISED -
PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 5/13/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

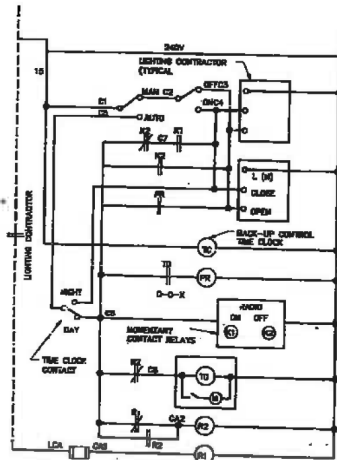
EXISTING ROADWAY LIGHTING PLAN				
SCALE: NONE	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	996
LT-69			CONTRACT NO. 60X10	
* FAI 55, FAP 856 [ILLINOIS] FED. AID PROJECT				

FULL SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
58	99-1HB-1(EMPH)	WILL	238	174A

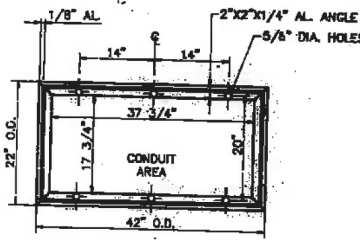
GENERAL NOTES

- CABINET SHALL BE FABRICATED FROM 0.125 INCH SHEET ALUMINUM #3003H14, FORMED AND ARC WELDED ASSEMBLY.
- ALL SCREWS AND HARDWARE SHALL BE PLATED, GALVANIZED, OR MADE OF BRASS, OR ALUMINUM.
- NAME PLATE SHALL HAVE ENGRAVED 0.75 INCH HIGH LETTERS FILLED IN BLACK: "STATE OF ILLINOIS LIGHTING CONTROLS".
- ONE INCH THICK FIBERGLASS INSULATION SHALL BE INSTALLED AND CEMENTED ON ALL SIDES OF CABINET AND DOORS.
- CABINET SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- MOUNTING PANEL SHALL BE #10 GA. GALVANIZED SHEET STEEL FLANGED BACK 0.75 INCH I.D. ON 4 SIDES.
- ALL DEVICES SHALL BE FRONT REMOVABLE.
- ALL LUGS SHALL BE OF COPPER SCREWS AND CONNECTORS.
- ALL CONTROL WIRING SHALL BE 600 V. TYPE THWN.
- CIRCUIT BREAKERS AND CONTACTORS AND OTHER COMPONENTS SHALL BE MOUNTED ON 0.125 INCH THICK GLASTIC INSULATION BACK PANEL.
- ELECTRIC UTILITY METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET AS SHOWN ON THE PANEL LAYOUT DIAGRAM.

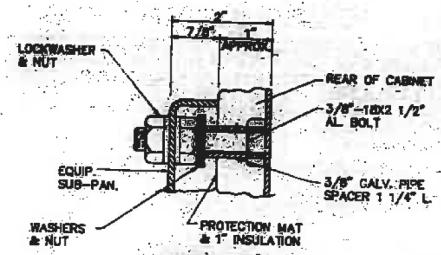


LIGHTING CONTROL SCHEMATIC DIAGRAM

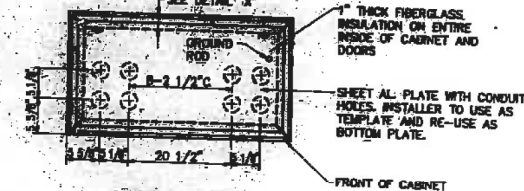
TO SHALL BE "ON DELAY" TIME DELAY RELAY, SYNCHRONOUS MOTOR DRIVEN, WITH 3-HR DIAL, SET AS DIRECTED BY THE ENGINEER, EAGLE SIGNAL BRITISH OR APPROVED QUAL MOUNT, WITH NAME PLATE, WITHIN RELAY CABINET.



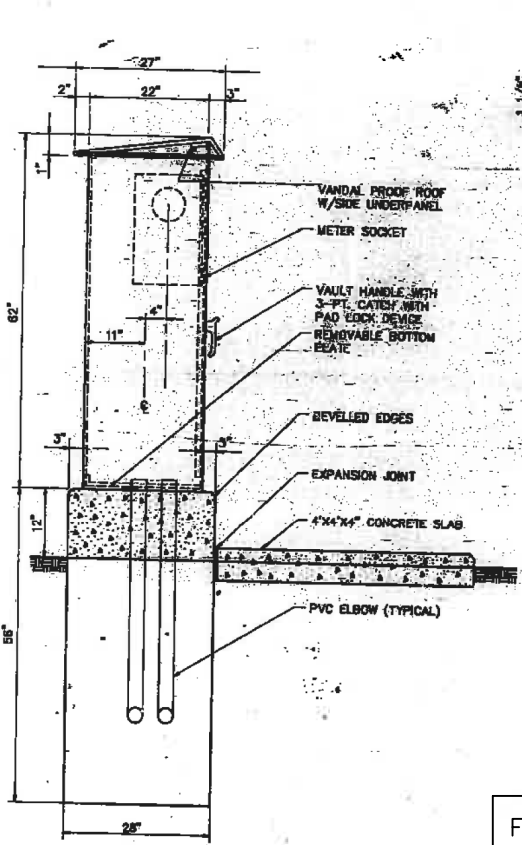
BASE M.TG. DETAIL



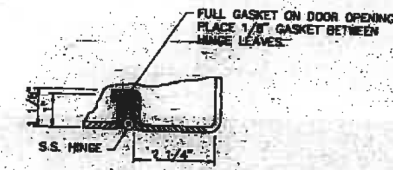
DETAIL "X"



SECTION "A-A"



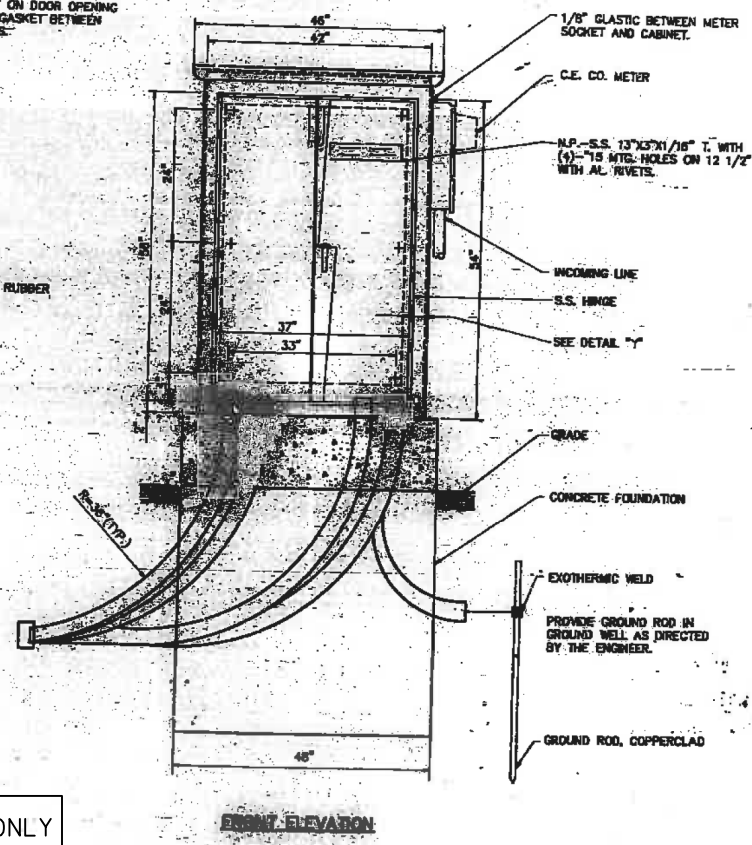
LEFT SIDE ELEVATION



DETAIL "Y"



DETAIL "Z"



FRONT ELEVATION

FOR INFORMATION ONLY

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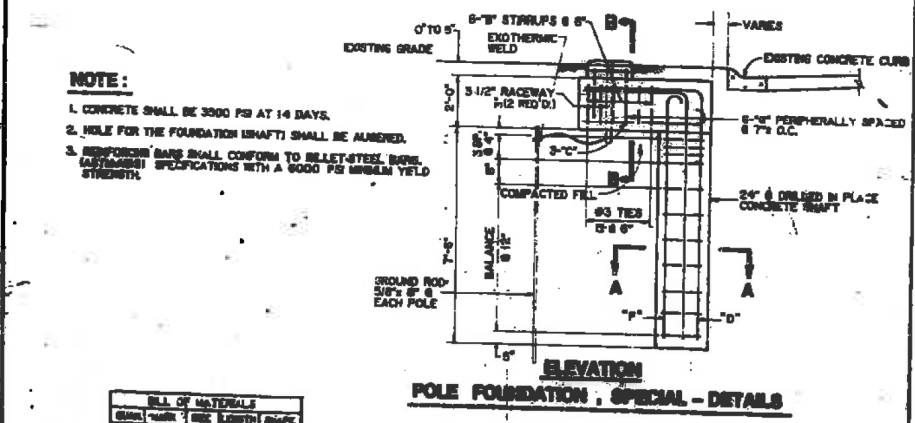
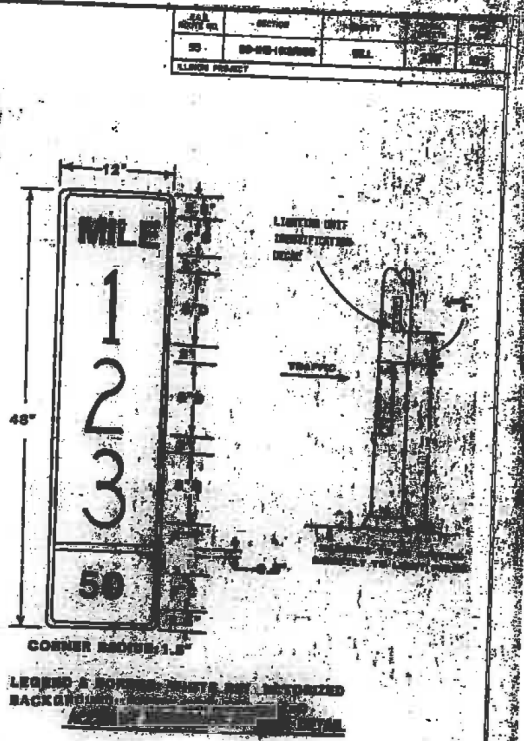
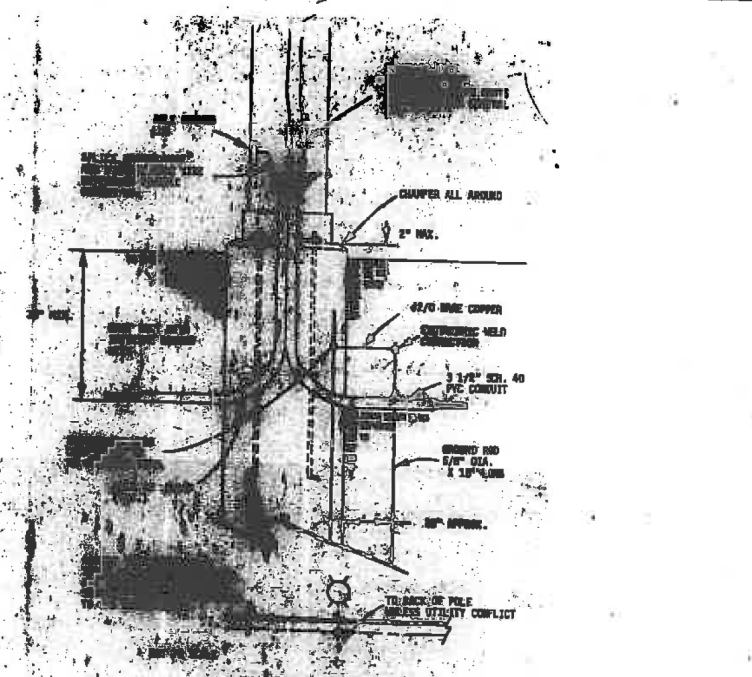
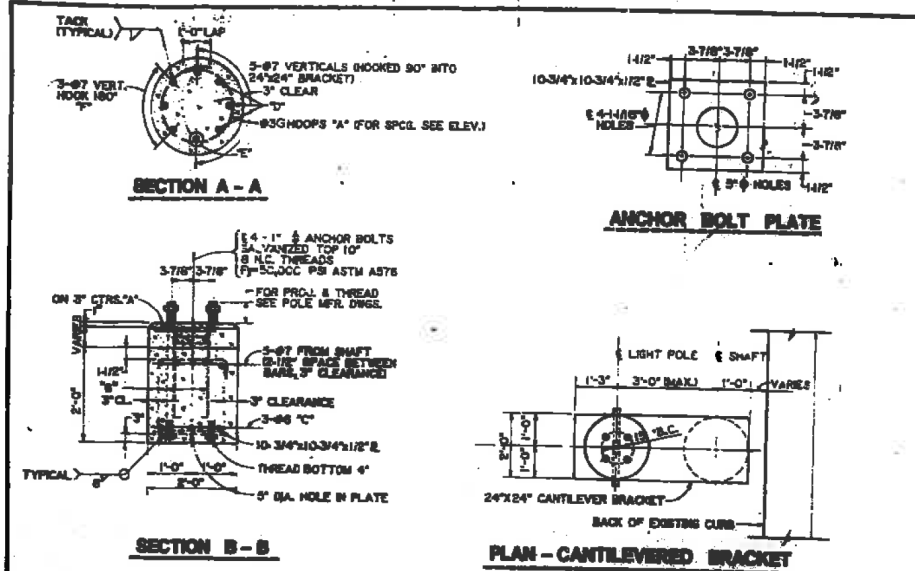
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PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 5/13/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

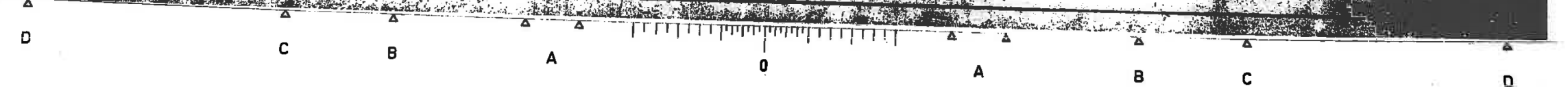
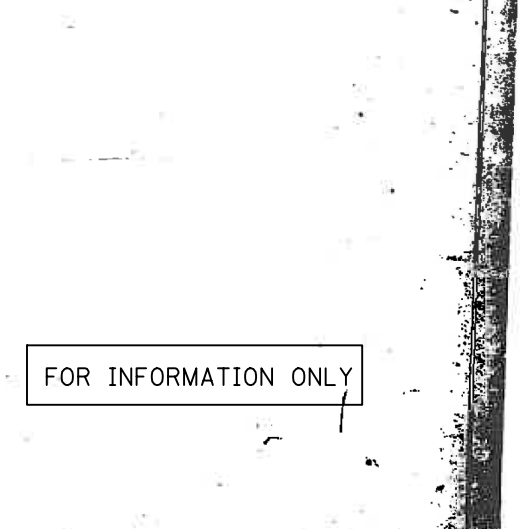
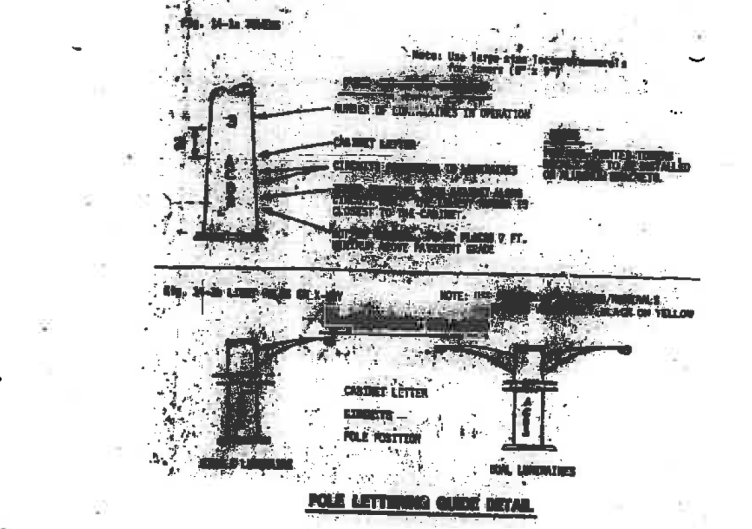
SCALE: NONE		SHEET NO. OF SHEETS		STA. TO STA.	
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EXISTING ROADWAY LIGHTING PLAN

F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	997
LT-70			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS			
QTY	SIZE	LENGTH	SHAPE
1	Ø 3/8"	6'-0"	Ø
4	Ø 3/8"	6'-0"	Ø
3	Ø 3/8"	6'-0"	Ø
8	Ø 3/8"	6'-0"	Ø
3	Ø 3/8"	6'-0"	Ø
3	Ø 3/8"	6'-0"	Ø
3	Ø 3/8"	6'-0"	Ø
3	Ø 3/8"	6'-0"	Ø
3	Ø 3/8"	6'-0"	Ø
3	Ø 3/8"	6'-0"	Ø



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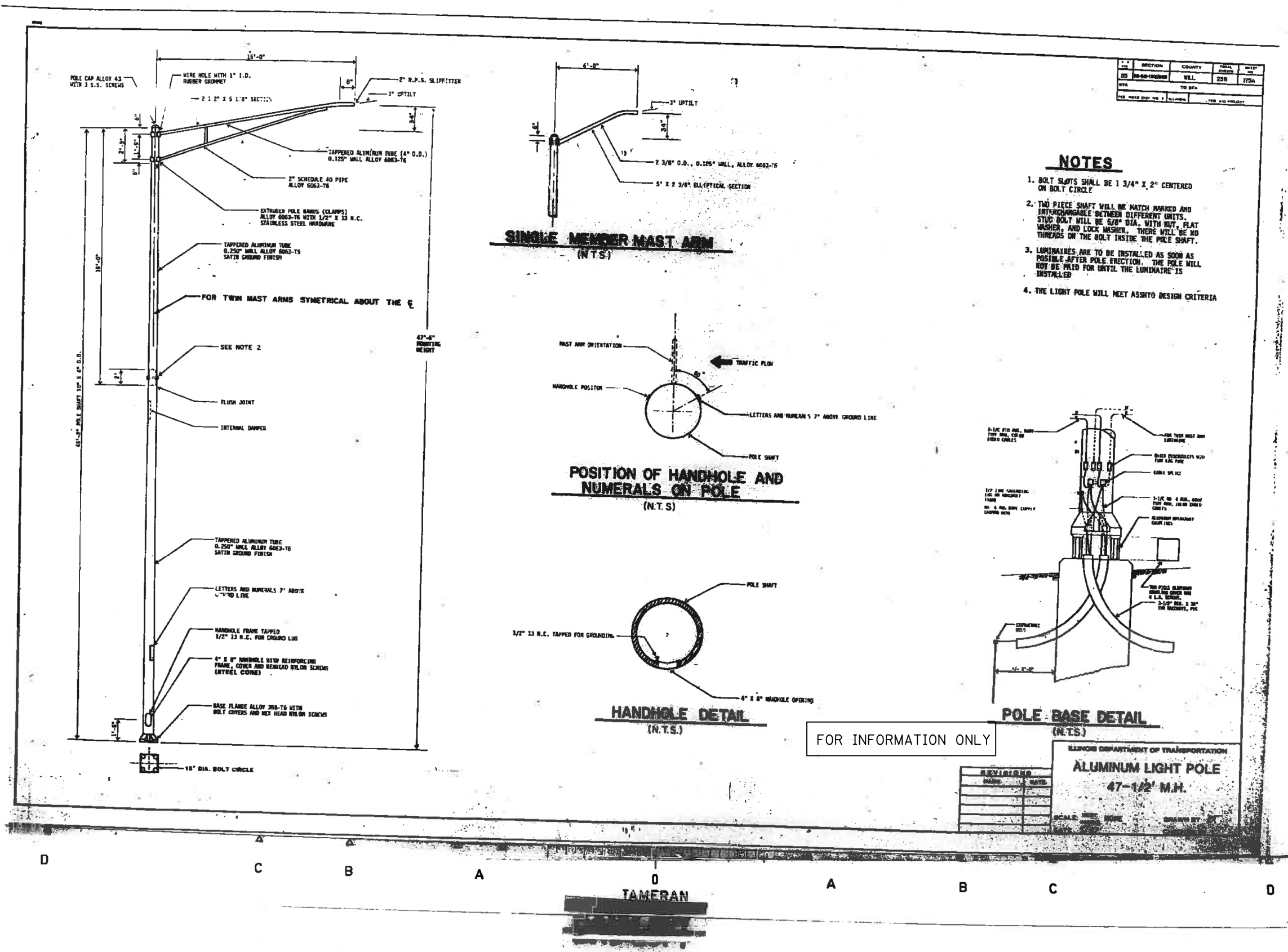
USER NAME = mmoestra	DESIGNED GSG	REVISED -
PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 5/13/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY LIGHTING PLAN

SCALE: NONE 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	998
LT-71		CONTRACT NO. 60X10		
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



FILE NAME = D:\60X10-shr-light72-Existing\lighting16.dgn

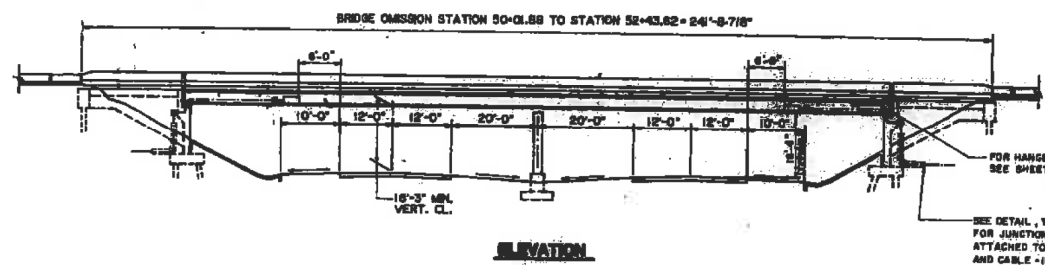
KNIGHT
Engineers & Architects

USER NAME = mmaestra	DESIGNED GSG	REVISED -
PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 5/13/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

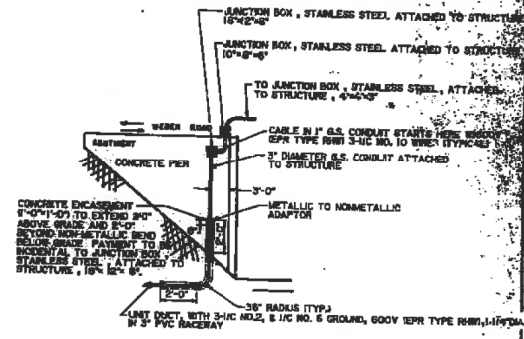
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY LIGHTING PLAN			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

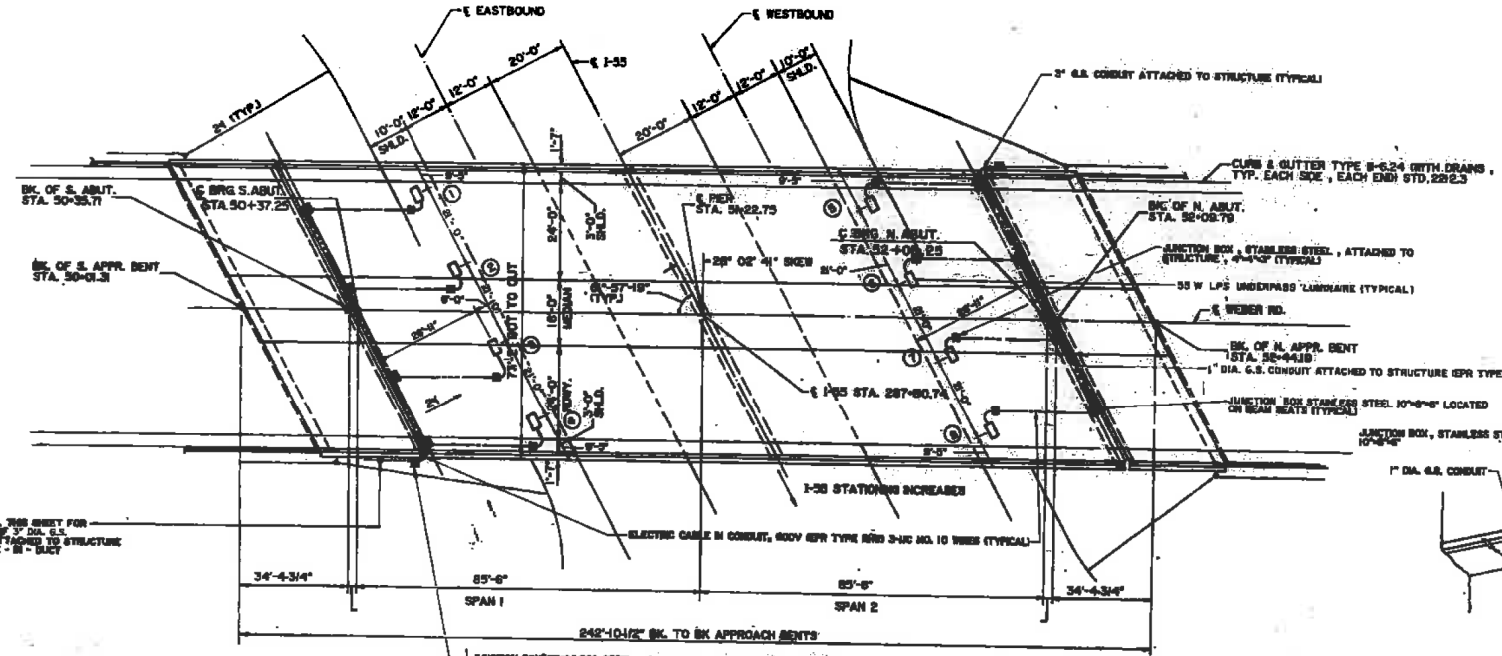
F.A.I./P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(99-1HB-1) R-1	WILL	1508	999
LT-72			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				



ELEVATION

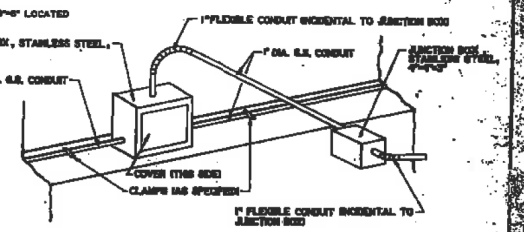


DETAIL FOR THE CONDUIT ATTACHED TO THE STRUCTURE



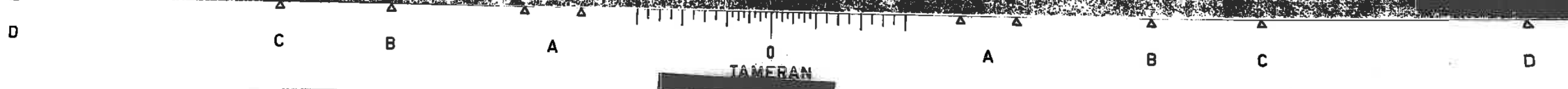
55 W LPS UNDERPASS LUMINAIRE LOCATIONS				
NO.	STATION	E. OFFSET	E. R. OFFSET	HEIGHT FT.
1	287+23.00	50.00' RT.	6.00' LT.	16.33'
2	287+44.00	50.00' RT.	6.00' LT.	16.33'
3	287+65.00	50.00' RT.	6.00' LT.	16.33'
4	287+86.00	50.00' RT.	6.00' LT.	16.33'
5	287+107.00	50.00' RT.	6.00' LT.	16.33'
6	287+128.00	50.00' RT.	6.00' LT.	16.33'
7	288+49.00	50.00' LT.	6.00' RT.	16.33'
8	288+70.00	50.00' LT.	6.00' RT.	16.33'

NOTE: SEE SHEET NO. 128 FOR ADDITIONAL UNDERPASS LIGHTING MOUNTING DETAILS



DETAIL FOR JUNCTION BOX ATTACHED TO STRUCTURE

FOR INFORMATION ONLY



TAMERAN

FILE NAME = D:\60X10-shr-light-73-ExistingLighting17.dgn

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USER NAME = mmaestra	DESIGNED GSG	REVISED -
PLOT SCALE = 1:2	DRAWN PAW	REVISED -
PLOT DATE = 5/13/2017	CHECKED CBS	REVISED -
	DATE 05/12/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY LIGHTING PLAN

SCALE: NONE 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	1000
LT-73			CONTRACT NO. 60X10	
* FAI 55, FAP 856 ILLINOIS FED. AID PROJECT				