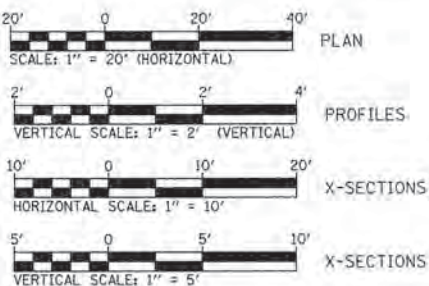


INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, MIXTURE REQUIREMENTS & COMMITMENTS
3 - 9	SUMMARY OF QUANTITIES
10 - 13	TYPICAL SECTIONS
14 - 24	SCHEDULE OF QUANTITIES
25 - 29	ALIGNMENT, TIES AND BENCHMARKS
30 - 33	DETOUR SHEETS
34 - 44	PLAN AND PROFILE SHEETS
45 - 48	INTERSECTION DETAILS
49 - 53	ROUNDBOUT BASELINE PROFILES
54 - 60	LANDSCAPING AND EROSION CONTROL PLANS
61 - 67	PAVEMENT MARKING AND SIGNING PLANS
68	ROUNDBOUT PAVEMENT MARKING DETAIL
69	ROUNDBOUT SIGNING DETAIL
70	SIGNING DETAIL
71	CENTRAL ISLAND LANDSCAPING PLAN
72	LANDSCAPING DETAILS
73	BICYCLE RAMP DETAILS
74	MISCELLANEOUS DETAILS
75 - 86	CROSS SECTIONS - ARCHER ELEVATOR ROAD
87 - 96	CROSS SECTIONS - ILES AVENUE

IDOT STANDARDS

000001-06	602411-05	701301-04
01006	602416-05	701501-06
280001-07	602601-04	701701-10
420001-08	602701-02	701801-06
424001-08	604001-04	701901-05
424026-01	604011-05	720001-01
424031-01	604036-03	720006-04
542301-03	604056-04	728001-01
542401-02	604101-01	780001-05
602301-04	606001-06	781001-04
602306-03	606301-04	B.L.R. 17-4
602401-03	701001-02	B.L.R. 21-9
602406-07	701006-05	B.L.R. 22-7



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

UTILITIES

CURRAN- GARDNER WATER DISTRICT 3382 HAZLET ROAD SPRINGFIELD, IL. 62707-2522 ATTENTION: WAYNE NELSON, 217-546-3981	AMEREN CILCO 825 NORTH MACARTHUR SPRINGFIELD, IL. 62702 ATTENTION: RICK COMBS, 217-753-5187 (GAS)
SPRINGFIELD SANITARY DISTRICT 3017 N. EIGHTH STREET SPRINGFIELD, IL. 62707 ATTENTION: GREGG HUMPHREY, 217-528-0491	CITY WATER, LIGHT & POWER- WATER DEPARTMENT 401 N. 11TH STREET SPRINGFIELD, IL. 62702 ATTENTION: MICHAEL JOHNSON 217-789-2323
COMCAST 711 SOUTH DIRKSEN PARKWAY SPRINGFIELD, IL. 62703 ATTENTION: DAVE BLY 217-527-2967	CITY WATER, LIGHT & POWER- ELECTRIC DEPARTMENT 1008 EAST MILLER ST. SPRINGFIELD, IL. 62702 ATTENTION: DAVID MIHELIC 217-321-1373
A.T.&T. 1640 E. HAZEL DELL SPRINGFIELD, IL. 62703 ATTENTION: HEATHER BENDER 217-789-5504	

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123 OR 811

STATE OF ILLINOIS
CITY OF SPRINGFIELD

**PLANS FOR PROPOSED
IMPROVEMENT FOR
SURFACE TRANSPORTATION - URBAN
F.A.U. ROUTE 8011 (ARCHER ELEVATOR ROAD)
F.A.U. ROUTE 8047A (ILES AVENUE)**

SECTION: 15-00431-01-PV
PROJECT NO: M-5146 (092)

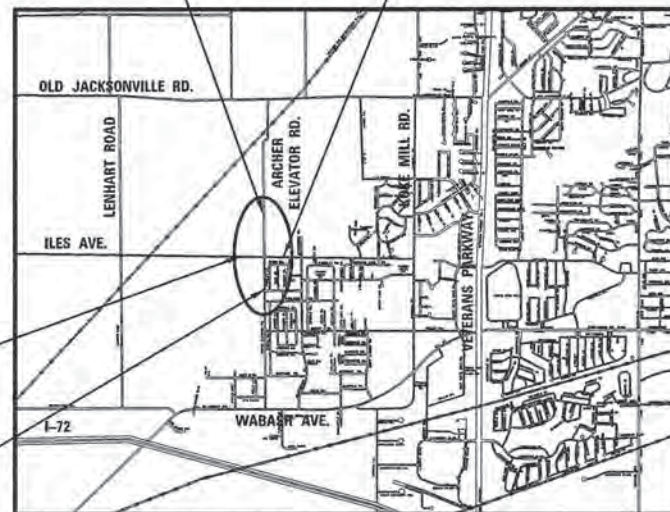
SANGAMON COUNTY
C-96-225-16

PROJECT ENDS
ARCHER ELEVATOR RD.
STA. 78 + 54.36

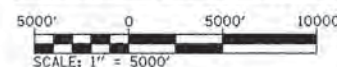
ILES AVENUE
STA. 459 + 00.00

ILES AVENUE
STA. 433 + 32.45

PROJECT BEGINS
ARCHER ELEVATOR RD.
STA. 48 + 40.00



LOCATION MAP



F.A.U. ROUTE 8011 (ARCHER ELEVATOR ROAD)
DESIGN DESIGNATION: MINOR ARTERIAL (URBAN)
DESIGN SPEED = 40 MPH
LENGTH OF IMPROVEMENT = 3,015 FEET = 0.571 MILES

F.A.U. ROUTE 8047A (ILES AVENUE)
DESIGN DESIGNATION: MINOR ARTERIAL (URBAN)
DESIGN SPEED = 40 MPH
LENGTH OF IMPROVEMENT = 2,568 FEET = 0.486 MILES



SIGNATURE: *Kristin L. Timmons*
DATE SIGNED: February 26, 2016
LICENSE EXPIRATION DATE: 11/30/2017



License No. 184-000613 Copyright CMT, Inc.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 93668		



LOCATION OF SECTION INDICATED THIS: -

APPROVED February 26, 2016
Nathan Barton
CITY ENGINEER, SPRINGFIELD, ILLINOIS

PASSED April 4, 2016
Jeff Nelson
DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS

PASSED April 4, 2016
Ron Buchanan
DISTRICT CONSTRUCTION ENGINEER

Releasing For Bid Based on Limited Review April 4, 2016
Jeffery M. South
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION ON APRIL 1, 2016; AND THE LATEST EDITION OF THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS."
- WHERE SECTION OR SUB-SECTION STONES OR PROPERTY MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE STONES ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN AUTHORIZED SURVEYOR HAS WITNESSED THEIR LOCATION.
- DEPRESS CURBS ACROSS ALL ENTRANCES, PER STD. 606001.
- DOMESTIC BUFFALO BOXES AND METER VAULTS IN THE AREA WHERE THE IMPROVEMENTS ARE TO TAKE PLACE SHALL BE MOVED OR ADJUSTED, IF NECESSARY, BY THE CONTRACTOR.
- THE LOCATIONS OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR CONTRACTOR INFORMATIONAL USE ONLY AND ARE NOT TO BE REFERENCED FOR CONSTRUCTION PURPOSES. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER.
- UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. J.U.L.I.E. JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123 OR 811.
- WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. SAW CUTS WILL NOT BE PAID FOR SEPARATELY. COST OF SAW CUTS SHALL BE INCIDENTAL TO THE TYPE OF WORK ENCOUNTERED.
- ONLY THOSE TREES INDICATED IN THE PLANS TO BE REMOVED SHALL BE REMOVED. THE CONTRACTOR WILL PROTECT ALL REMAINING TREES FROM DAMAGE. ALL TREES AND SHRUBS INDICATED ON PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- ALL COORDINATES SHOWN ON THE PLANS ARE BASED ON NAD83 DATUM (STATE PLANE COORDINATES) AND ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NAVD88 DATUM.

10. THE FOLLOWING HAVE BEEN USED IN CALCULATING THE PLAN QUANTITIES:

<u>AGGREGATE:</u>	
- PUGGED AGGREGATE	2.05 TONS/CU.YD.
- ALL OTHER AGGREGATE	1.89 TONS/CU. YD.
<u>BITUMINOUS MATERIALS:</u>	
- ON PAVEMENT	0.05 LB/SQ. FT.
- INTERMEDIATE LIFTS (TACK COAT)	0.025 LB/SQ. FT.
- ON AGGREGATE SURFACE	0.25 LB/SQ. FT.
AGGREGATE (PRIME COAT)	4 LBS./SQ.YD.
SEEDING FERTILIZER RATIO (NIT:PHOS:POT)	90:90:90 LBS./AC.
AGRICULTURAL GROUND LIMESTONE	2.00 TONS/AC.

- INSTALL SIDEWALK RAMPS IN ACCORDANCE WITH IDOT STD. 424026 AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT ENTRANCES AND DRIVES.
- PROPOSED SIDEWALKS ACROSS DRIVES SHALL MATCH THE DEPTH OF THE ADJACENT DRIVE. COST FOR ADDITIONAL MATERIAL SHALL BE INCLUDED IN UNIT PRICE FOR PCC SIDEWALK, 6".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.37 OF THE STANDARD SPECIFICATIONS. POTENTIAL J.U.L.I.E. MEMBERS ACTIVE IN THE VICINITY OF THE PROJECT ARE LISTED ON THE COVER SHEET.
- STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, JULY 2009.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL RE-ERECT THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.
- ITEMS TO BE REMOVED, INCLUDING BUT NOT LIMITED TO VEGETATION, TREES, STRUCTURES, PAVEMENT, CURBS AND GUTTERS, DRAINAGE STRUCTURES, UTILITIES, AND SIGNAGE ARE DESIGNATED ON THE PLAN DRAWINGS.

GENERAL NOTES

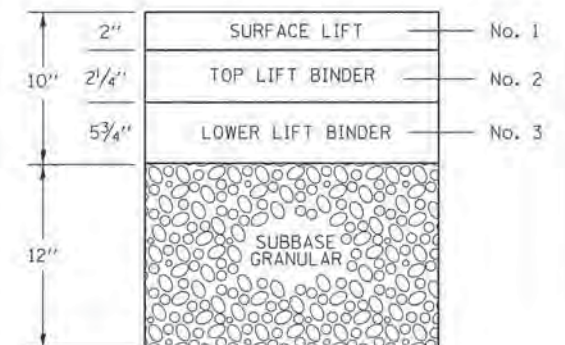
- GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.
- TEMPORARY EROSION CONTROL SEEDING IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SLOPES DURING THE PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SLOPES AT THE TIME OF THEIR COMPLETION.
- REMOVAL OF THE EXISTING OIL AND CHIP, HOT-MIX ASPHALT, BITUMINOUS AGGREGATE SURFACE, NOT ON A RIGID TYPE BASE, SHALL BE REMOVED AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION.
- THE REMOVAL OF EXISTING HOT-MIX ASPHALT SURFACE ON A RIGID TYPE BASE SHALL BE REMOVED WITH THE BASE AS PAVEMENT REMOVAL.

MIXTURE REQUIREMENTS

MIXTURE NUMBER:	No. 1	No. 2	No. 3
LOCATION(S):	POLYMERIZED SURFACE COURSE & TOP 2" OF 10" HMA FULL-DEPTH PAVEMENT, TOP 2" OF HMA SHLD. & HMA DRIVEWAY PAVEMENT	TOP 2 1/4" BINDER LIFT OF 10" HMA FULL-DEPTH PAVEMENT	BOTTOM LIFT OF 10" HMA FULL-DEPTH PAVEMENT BOTTOM 4" OF HMA SHOULDER & HMA DRIVEWAY PAVEMENT
MIXTURE USE(S):	BITUMINOUS CONCRETE SURFACE LIFT	TOP BINDER LIFT	LOWER BINDER LIFT
AC/PG:	SBS PG 64-28	SBS PG 64-28	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50	4.0% @ Ndesign = 50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL-9.5	IL-19.0	IL-19.0
FRICTION AGGREGATE:	MIX "D"	N/A	N/A
QUALITY MANAGEMENT:	QC/OA	QC/OA	QC/OA

COMMITMENTS

- IMPACTS ON TREES SHALL BE MITIGATED IN ACCORDANCE WITH IDOT DEPARTMENTAL POLICY D&E-18 PRESERVATION AND REPLACEMENT OF TREES. AS SUCH TREE REMOVALS SHOWN IN THE PLANS SHALL BE MARKED IN THE FIELD AND VERIFIED BY THE ENGINEER PRIOR TO REMOVAL BY THE CONTRACTOR. ALL TREES REMOVED SHALL BE REPLACED AT A 1:1 RATIO WITH THE SPECIES AND DISTRIBUTIONS AS SPECIFIED IN THE SUMMARY OF QUANTITIES. ALL REMAINING TREES SHALL BE PROTECTED BY THE CONTRACTOR FROM DAMAGE DUE TO THEIR OPERATIONS.
- EXISTING TREES IDENTIFIED IN THE PLANS FOR RELOCATION SHALL NOT BE REMOVED UNTIL AUTHORIZED BY THE SPRINGFIELD PARK DISTRICT REPRESENTATIVE, CONTACT ELLIOTT MCKINLEY AT (217) 544-1751.
- THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT AND IMPLEMENT THE EROSION CONTROL PLAN INCLUDED IN THESE PLANS AND SPECIFIED HEREIN. AS SPECIFIED IN ARTICLE 107.23, THE ENGINEER MUST GIVE PRIOR APPROVAL BEFORE DISTURBANCE OF ANY AREA CAN BEGIN.



ARCHER ELEVATOR ROAD AND ILES AVENUE BITUMINOUS LIFT DIAGRAM

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0003	0031
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	162	162	0
20101700	SUPPLEMENTAL WATERING	UNIT	36	36	0
20200100	EARTH EXCAVATION	CU YD	26,297	26,297	0
20800150	TRENCH BACKFILL	CU YD	2,864.2	2,864.2	0
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	17,155	17,155	0
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	192	192	0
21400100	GRADING AND SHAPING DITCHES	FOOT	116	116	0
* 25000200	SEEDING, CLASS 2	ACRE	4.00	4.00	0
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	360	360	0
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	360	360	0
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	360	360	0
* 25000700	AGRICULTURAL GROUND LIMESTONE	TON	8.0	8.0	0
* 25100125	MULCH, METHOD 3	ACRE	4.00	4.00	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	400	400	0
28000305	TEMPORARY DITCH CHECKS	FOOT	256	256	0
28000400	PERIMETER EROSION BARRIER	FOOT	690	690	0
28000500	INLET AND PIPE PROTECTION	EACH	7	7	0
28000510	INLET FILTERS	EACH	79	79	0
28100105	STONE RIPRAP, CLASS A3	SQ YD	50	50	0
28100107	STONE RIPRAP, CLASS A4	SQ YD	117	117	0

*** SPECIALTY ITEMS**

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED - 3/17/16	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	SUMMARY OF QUANTITIES ARCHER ELEVATOR ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Springfield\0702501\Draw\Sheets\Contract\1\06-Sht.500.dgn	DRAWN - GLD/RAH	CHECKED - KLT	REVISED -				BOII	15-00431-01-PV	SANGAMON	96	3
PLOT SCALE = 50.0000' / 1" =	DATE - MARCH 1, 2016	REVISED -	REVISED -				CONTRACT NO. 93668				
PLOT DATE = 3/18/2016	DATE - MARCH 1, 2016	REVISED -	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
				SCALE: N/A	SHEET NO. OF SHEETS	STA. N/A TO STA. N/A					

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0003	0031
28200200	FILTER FABRIC	SQ YD	167	167	0
31100700	SUBBASE GRANULAR MATERIAL, TYPE A 8"	SQ YD	498	498	0
31100910	SUBBASE GRANULAR MATERIAL, TYPE A 12"	SQ YD	34,329	34,329	0
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	238	238	0
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	71,707	71,707	0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,163	14,163	0
40600990	TEMPORARY RAMP	SQ YD	713	713	0
40603535	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	36	36	0
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	31,370	31,370	0
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	165	165	0
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	710	710	0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	43,923	43,923	0
42400800	DETECTABLE WARNINGS	SQ FT	431	431	0
44000100	PAVEMENT REMOVAL	SQ YD	329	329	0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,658	1,658	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	617	617	0
44000600	SIDEWALK REMOVAL	SQ FT	3,097	3,097	0
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	28	28	0
50105220	PIPE CULVERT REMOVAL	FOOT	529	529	0
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1	0

*** SPECIALTY ITEMS**

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED - 3/17/16	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	SUMMARY OF QUANTITIES ARCHER ELEVATOR ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\Springfield\0702501\Draw\Sheets\Contract\1\06-Shr_S02.dgn	DRAWN - GLD/RAH	CHECKED - KLT	REVISED -			8011	15-00431-01-PV	SANGAMON	96	4	
PLOT SCALE = 100.0000' / in.	DATE - MARCH 1, 2016	REVISOR -	REVISOR -			CONTRACT NO. 93668					
PLOT DATE = 3/17/2016	DATE - MARCH 1, 2016	REVISOR -	REVISOR -			SCALE: N/A	SHEET NO. OF SHEETS	STA. N/A TO STA. N/A	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0003	0031
✓ 54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	0
✓ 54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	1	1	0
✓ 54215547	METAL END SECTIONS 12"	EACH	2	2	0
✓ 542D0217	PIPE CULVERTS, CLASS D, TYPE 1 12"	FOOT	10	10	0
✓ 550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1,696	1,696	0
✓ 550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	579	579	0
✓ 550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	258	258	0
✓ 550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	802	802	0
✓ 550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	154	154	0
✓ 550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	52	52	0
✓ 550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	647	647	0
✓ 550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	129	129	0
✓ 550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	27	27	0
✓ 550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	846	846	0
✓ 550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	283	283	0
✓ 550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	807	807	0
✓ 55100500	STORM SEWER REMOVAL 12"	FOOT	18	18	0
✓ 55101200	STORM SEWER REMOVAL 24"	FOOT	81	81	0
✓ 59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	20	20	0
60218400 ✓	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4	0

*** SPECIALTY ITEMS**

FILE NAME = L:\Springfield\8782581\Draw\Sheets\Contr	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	SUMMARY OF QUANTITIES ARCHER ELEVATOR ROAD	F.A.U. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 5	CONTRACT NO. 93668
PLOT SCALE = 50,0000' / in.	CHECKED - KLT	REVISED -	SCALE: N/A			SHEET NO. OF SHEETS	STA. N/A TO STA. N/A	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISED -									

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0003	0031
✓60218500	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	25	25	0
✓60219300	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1	0
✓60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	0
✓60221200	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	7	7	0
✓60222705	MANHOLES, TYPE A, 5' -DIAMETER, WITH MEDIAN INLET (604101)	EACH	1	1	0
✓60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	6	0
✓60223810	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1	0
✓60224005	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 8 GRATE	EACH	2	2	0
✓60224447	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2	0
✓60224459	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0
✓60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	30	30	0
✓60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	1	1	0
✓60238305	INLETS, TYPE A, WITH MEDIAN INLET (604101)	EACH	1	1	0
✓60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0
✓60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	12	12	0
✓60256400	MANHOLES TO BE ADJUSTED WITH NEW TYPE 8 GRATE	EACH	1	1	0
✓60602800	CONCRETE GUTTER, TYPE B	FOOT	60	60	0
✓60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 12	FOOT	347	347	0
✓60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 18	FOOT	9, 772	9, 772	0
✓60604900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6. 18 (VARIABLE WIDTH GUTTER FLAG)	FOOT	83	83	0

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0003	0031
✓60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	2,453	2,453	0
✓67100100	MOBILIZATION	LSUM	1	1	0
✓70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,400	1,400	0
✓70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	468	468	0
✓70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	502	502	0
-70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	24,248	24,248	0
-70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,139	1,139	0
-70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	597	597	0
-70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,492	1,492	0
70300275	TEMPORARY PAVEMENT MARKING - LINE 18"	FOOT	78	78	0
-70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	212	212	0
-72000100	SIGN PANEL - TYPE 1	SQ FT	524	524	0
-72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	14	14	0
-72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	18	18	0
-72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	9	9	0
✓72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	1,049	1,049	0
-73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	12	12	0
* -78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	24,248	24,248	0
* -78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,139	1,139	0
* -78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	597	597	0

** SPECIALTY ITEMS*

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED = KLT	REVISED =
L:\Springfield\0702501\Draw\Sheets\Contract\1\06-Sht_S00.dgn	DRAWN = GLD/RAH	CHECKED = KLT	REVISED =
	PLOT SCALE = 50.0000' / 1" =	DATE = MARCH 1, 2016	REVISED =
	PLOT DATE = 2/26/2016		

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

**SUMMARY OF QUANTITIES
ARCHER ELEVATOR ROAD**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A.U. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 7
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 93668				

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0003	0031
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,492	1,492	0
* 78000620	THERMOPLASTIC PAVEMENT MARKING - LINE 18"	FOOT	78	78	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	212	212	0
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	2,262	2,262	0
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	1,121	1,121	0
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	199	199	0
* 78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	805	805	0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	15,103	15,103	0
* B2000768	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	3	0	3
* B2001166	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	12	0	12
* K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	UNIT	3	0	3
* K1005875	TREE TRANSPLANT	EACH	2	0	2
X0100003	CLEARING AND GRUBBING	SQ YD	199	199	0
X0301834	STORM SEWER TO BE FILLED	FOOT	21	21	0
X0301872	RELOCATE EXISTING SIGN STRUCTURE	LSUM	1	1	0
X0322936	REMOVE EXISTING FLARED END SECTION	EACH	15	15	0
X0323265	REMOVE EXISTING RIPRAP	SQ YD	178	178	0
X0327860	REMOVE CONCRETE FOUNDATION (ELECTRICAL)	EACH	1	1	0
X4200408	PORTLAND CEMENT CONCRETE PAVEMENT 8", SPECIAL	SQ YD	274	274	0
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7	7	0

*** SPECIALTY ITEMS**

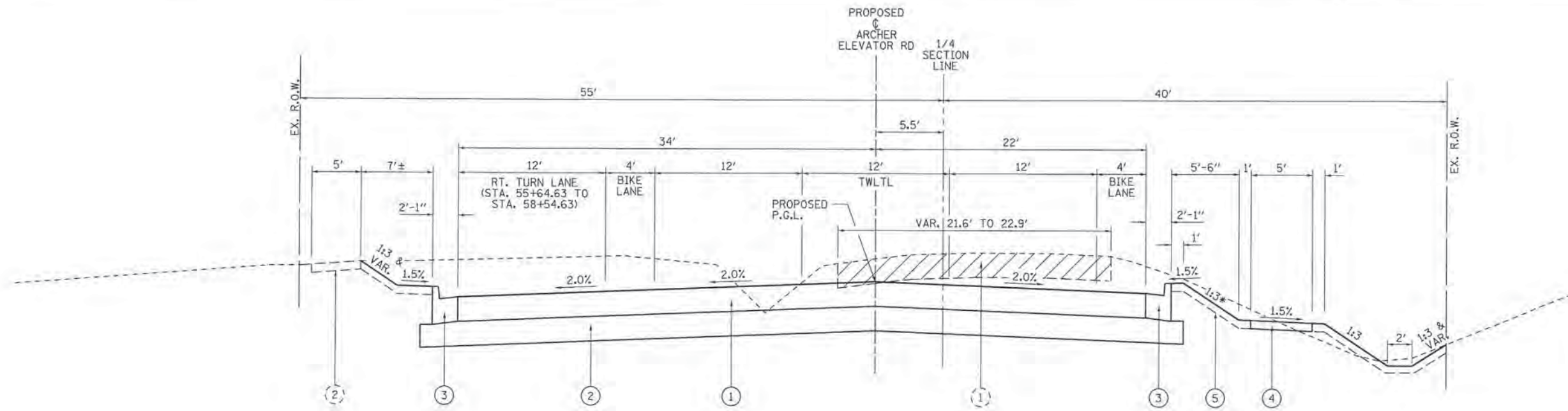
FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED - 3/17/16	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	SUMMARY OF QUANTITIES ARCHER ELEVATOR ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\Springfield\0702501\Draw\Sheets\Cont	act\1\05-Sht_500.dgn	DRAWN - GLD/RAH	REVISED -			8011	15-00431-01-PV	SANGAMON	96	8	
	PLOT SCALE = 1/8" = 1' / in.	CHECKED - KLT	REVISED -			CONTRACT NO. 93668					
	PLOT DATE = 3/18/2016	DATE - MARCH 1, 2016	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	[ILLINOIS] FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				0003	0031
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	665	665	0
X6061815	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL)	FOOT	274	274	0
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	0
Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	162	162	0
Z0011500	COLD MILLING EXISTING SURFACE	SQ YD	321	321	0
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	0
Z0016702	DETOUR SIGNING	LSUM	1	1	0
* Z0022800	FENCE REMOVAL	FOOT	86	86	0
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	154	154	0
Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	98	98	0
Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	185	185	0
Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	87	87	0
Z0062456	TEMPORARY PAVEMENT	SQ YD	370	370	0
Δ Z0076600	TRAINEES	Hour	2000	2000	
Δ Z0076604	TRAINEES TPG	Hour	2000	2000	

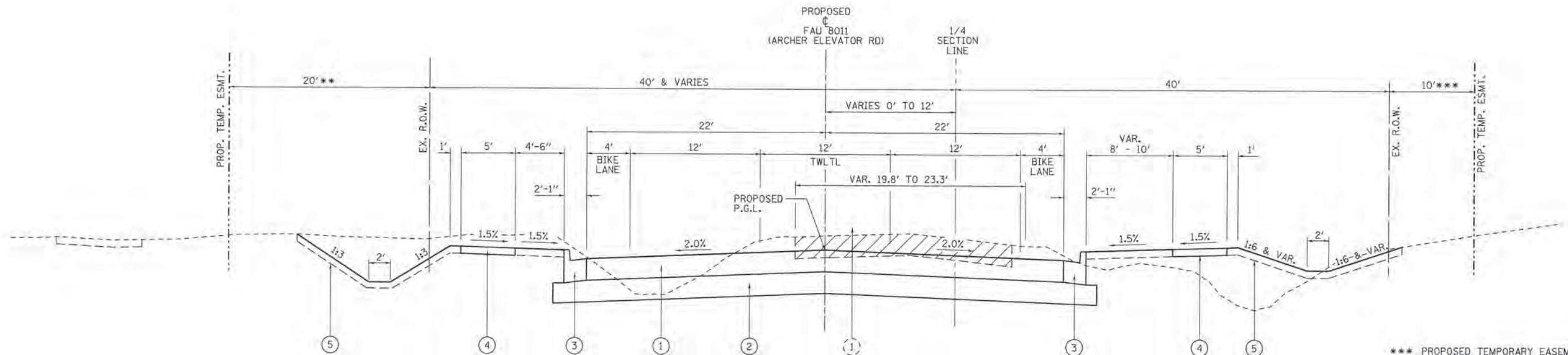
Δ 0042

* SPECIALTY ITEMS



PROPOSED TYPICAL SECTION
 ARCHER ELEVATOR ROAD
 (STA. 55+64.63 TO STA. 60+60.87)
 LOOKING NORTH

* STA. 58+50.00 TO STA. 61+50.00 - SLOPE = 1:4



PROPOSED TYPICAL SECTION
 ARCHER ELEVATOR ROAD
 (STA. 64+76.01 TO STA. 76+22.84)
 LOOKING NORTH

*** PROPOSED TEMPORARY EASEMENT:
 STA. 63+61.80 TO STA. 76+22.84

** PROPOSED TEMPORARY EASEMENT:
 STA. 63+51.03 TO STA. 75+96.31

EXISTING LEGEND

- ① EXISTING PAVEMENT
- ② EXISTING PCC SIDEWALK
- TO BE REMOVED

PROPOSED LEGEND

- ① HOT-MIX ASPHALT PAVEMENT, FULL DEPTH, 10"
- ② SUBBASE GRANULAR MATERIAL, TYPE A 12"
- ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ④ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑤ TOPSOIL FURNISH AND PLACE, 6"

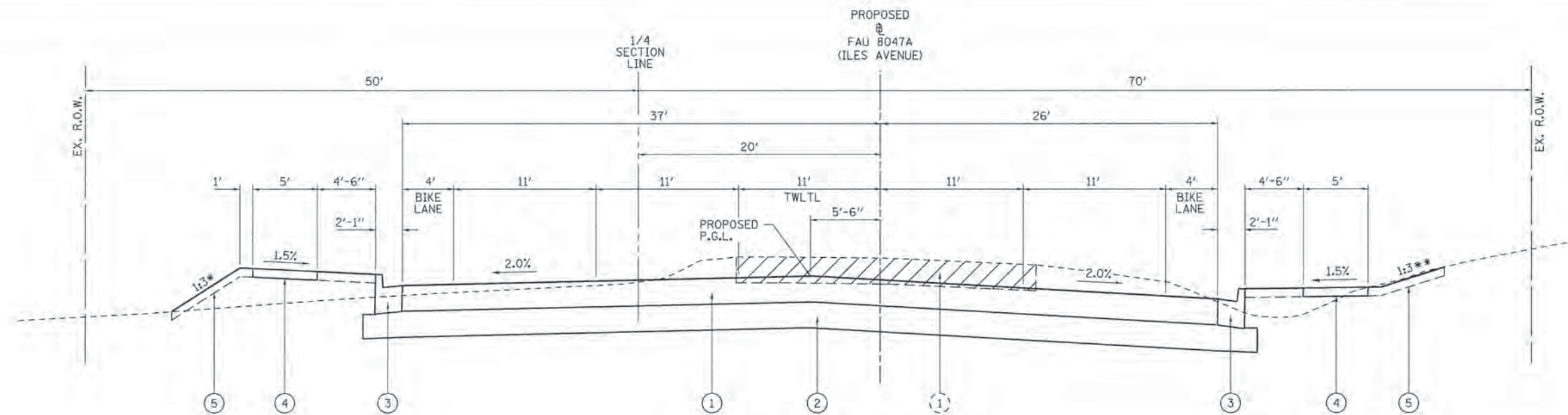
**CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS**

F.A.U. 8011 (ARCHER ELEVATOR ROAD)

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - BMB	REVISED - 3/17/16
Li:\Springfield\0702501\Draw\Sheets\Conte	est.1\06-ShL.Typical.Archer.3\ene.dgn	DRAWN - GLD	REVISED -
	PLOT SCALE = 1/2" = 10' in.	CHECKED - KLT	REVISED -
	PLOT DATE = 3/17/2016	DATE - MARCH 1, 2016	REVISED -

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

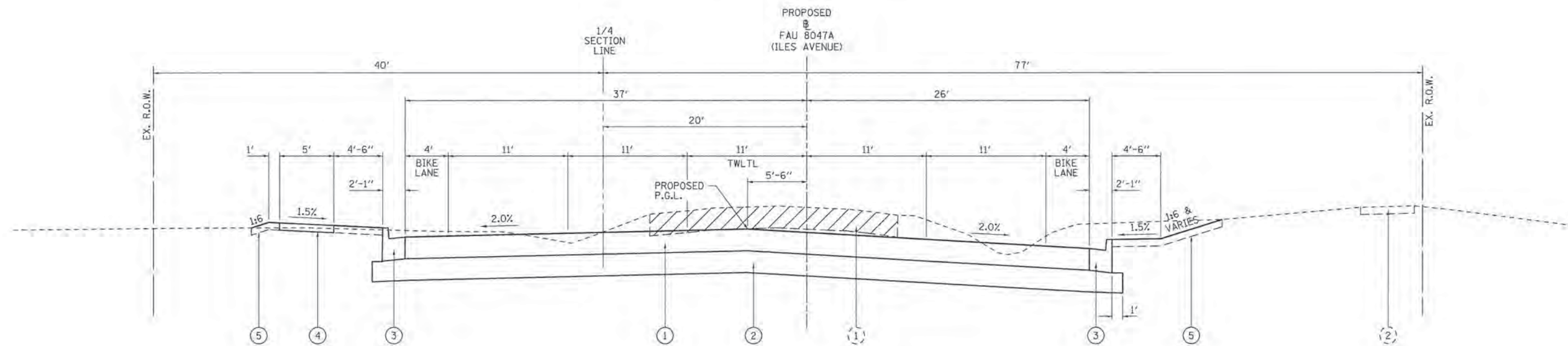
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	11
CONTRACT NO. 93668				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



* STA. 446+30.28 TO STA. 450+00.00 - SLOPE = 1:6
 STA. 450+50.00 TO STA. 452+50.00 - SLOPE = 1:4

PROPOSED TYPICAL SECTION
 ILES AVENUE
 (STA. 446+30.28 TO STA. 459+00.00)
 LOOKING EAST

** RIGHT DITCH: STA. 450+50.00 TO STA. 453+95.00
 AND STA. 456+15.00 TO STA. 458+80.00
 (SEE CROSS-SECTIONS & PROFILES)



PROPOSED TYPICAL SECTION
 ILES AVENUE
 (STA. 433+32.44 TO STA. 446+30.28)
 LOOKING EAST

STRUCTURAL DESIGN INFORMATION (ILES AVENUE)	
CLASS I STREET	
DESIGN TRAFFIC (2026):	
P.V. = 6,486	S.U. = 276 M.U. = 178
T.F. = 0.935	
DESIGN STRAIN = 110 (MICROSTRAIN)	
E = 520 Ksi (PG 70-22)	
SSR = FAIR	
CONSTRUCT: 10" HMA (FULL DEPTH) ON 12" GRANULAR SUBBASE	

EXISTING LEGEND	
(1)	EXISTING PAVEMENT
(2)	EXISTING PCC SIDEWALK
	TO BE REMOVED

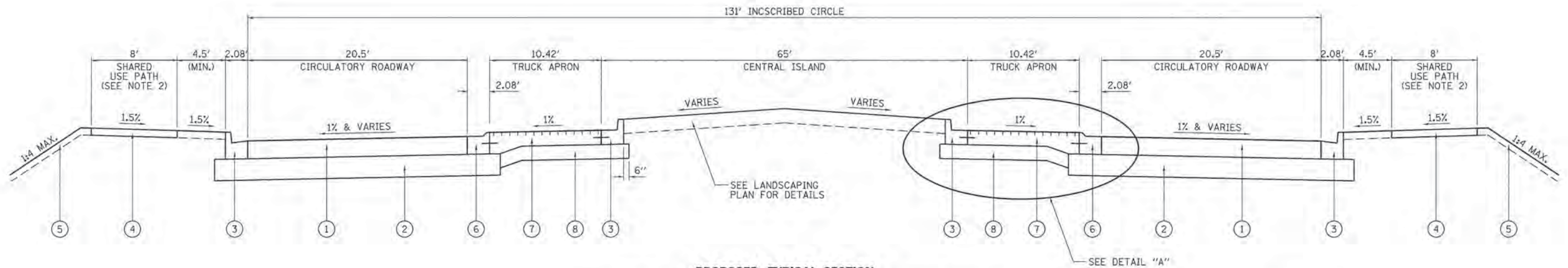
PROPOSED LEGEND	
(1)	HOT-MIX ASPHALT PAVEMENT, FULL DEPTH, 10"
(2)	SUBBASE GRANULAR MATERIAL, TYPE A 12"
(3)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
(4)	PORTLAND CEMENT CONCRETE SIDEWALK, 4"
(5)	TOPSOIL FURNISH AND PLACE, 6"

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - BMB	REVISED - 3/17/16
L:\Springfield\8782581\Draw\Sheets\Contr...	ent\IND6-Shc_Typical_Iles.dgn	DRAWN - GLD	REVISED -
	PLOT SCALE = 10.0000 "/td> <td>CHECKED - KLT</td> <td>REVISED -</td>	CHECKED - KLT	REVISED -
	PLOT DATE = 3/17/2016	DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS**

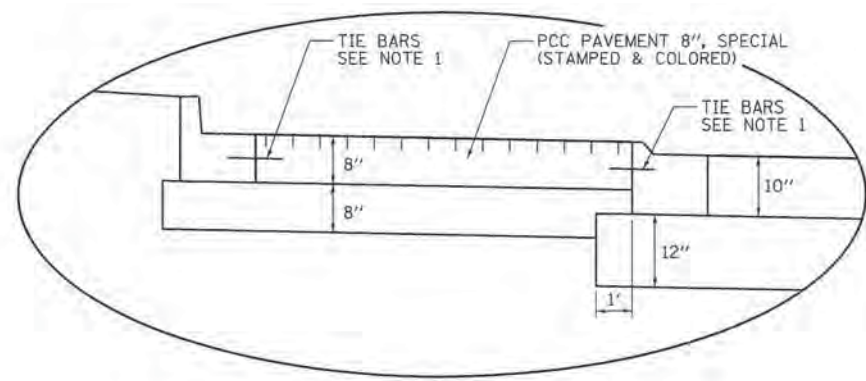
TYPICALS SECTION F.A.U. 8047A (ILES AVENUE)			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	12
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 93668	

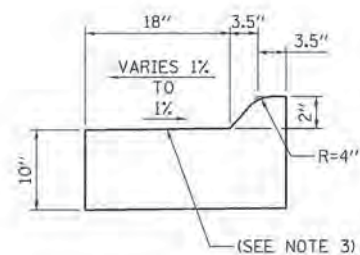


PROPOSED TYPICAL SECTION
 ARCHER ELEVATOR ROAD AND ILES AVENUE ROUNDABOUT
 SECTION A-A

- NOTES:**
1. TIE BARS IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT AS SHOWN ON STANDARD 420001. COST OF THE TIE BARS INCLUDED IN THE COST OF PCC PAVEMENT 8", SPECIAL.
 2. SHARED USE PATH IS TO BE CONSTRUCTED AROUND ROUNDABOUT PER PLAN VIEW LAYOUT.
 3. SEE ROUNDABOUT INTERSECTION DETAIL FOR SLOPE OF GUTTER FLAG ALONG INTERIOR OF CIRCULATORY ROADWAY.

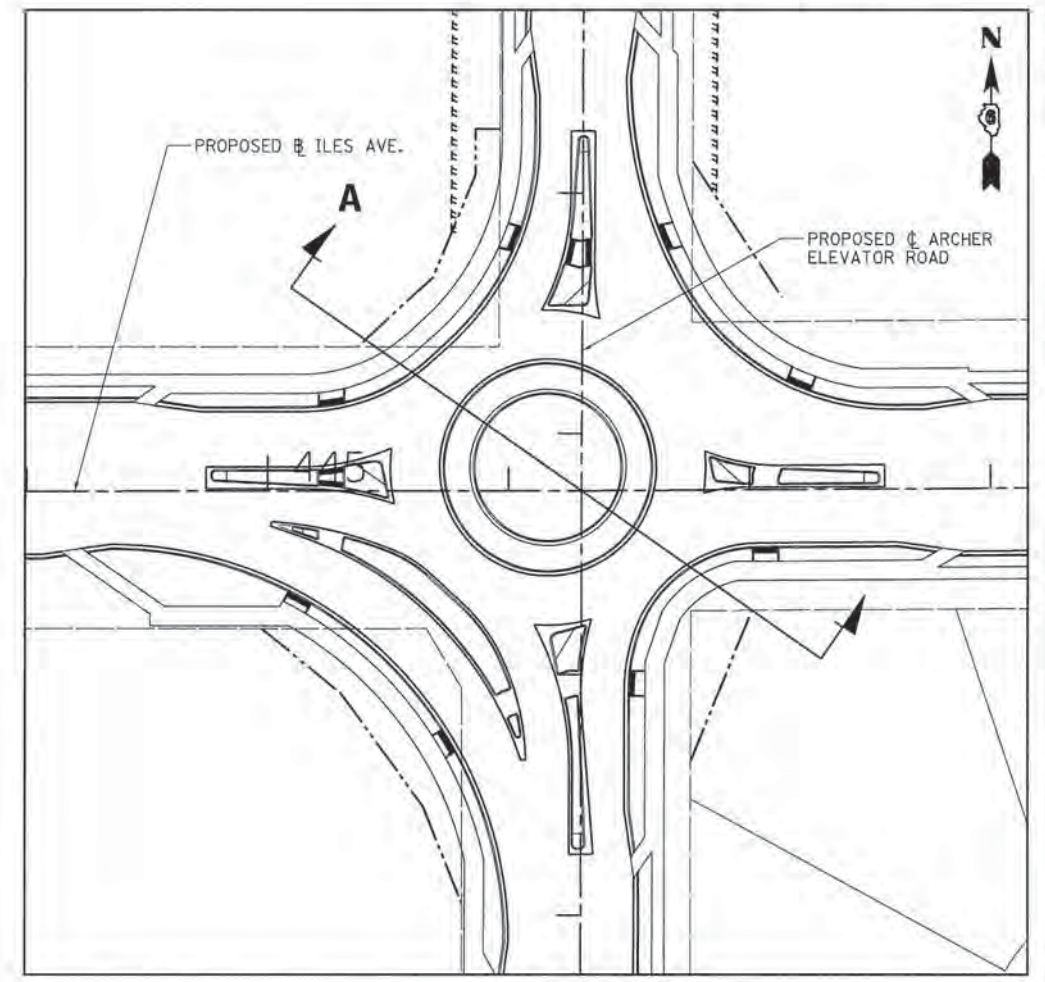


DETAIL "A"



**COMBINATION CONCRETE CURB & GUTTER,
 TYPE M (SPECIAL)**

- PROPOSED LEGEND**
- ① HOT-MIX ASPHALT PAVEMENT, FULL DEPTH, 10"
 - ② SUBBASE GRANULAR MATERIAL, TYPE A 12"
 - ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
 - ④ PORTLAND CEMENT CONCRETE SIDEWALK, 4"
 - ⑤ TOPSOIL FURNISH AND PLACE, 6"
 - ⑥ COMBINATION CONCRETE CURB & GUTTER, TYPE M (SPECIAL)
 - ⑦ PORTLAND CEMENT CONCRETE PAVEMENT 8", SPECIAL
 - ⑧ SUB-BASE GRANULAR MATERIAL, TYPE A, 8"



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED - 3/17/16	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	TYPICALS SECTION F.A.U. 8011 (ARCHER ELEVATOR ROAD)		F.A.U. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 13
Li:\Springfield\4722501\Draw\Sheets\Cont...	dot,INDS-Shts_Typical_Roundabout.dgn	DRAWN - GLD/RAH	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 93668	
	PLOT SCALE = 1/8" = 1' / 1"	CHECKED - KLT	REVISED -								
	PLOT DATE = 3/17/2016	DATE - MARCH 1, 2016	REVISED -								

PAVING

STATION/LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A 12"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	HOT-MIX ASPHALT SHOULDERS, 6"	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	PAVEMENT REMOVAL	COLD MILLING EXISTING SURFACE	TEMPORARY RAMP	PORTLAND CEMENT CONCRETE PAVEMENT 8", SPECIAL
	(SQ YD)	(POUND)	(POUND)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
ARCHER ELEVATOR ROAD											
48+40.00 - 54+00.00	2506	5773	1011	0	2245	28	36	130	321	83	0
54+00.00 - 60+00.00	3964	8141	1629	0	3618	0	0	0	0	103	0
60+00.00 - 66+00.00	5561	10240	2048	0	4551	0	0	0	0	0	274
66+00.00 - 72+00.00	2723	6703	1320	0	2934	0	0	0	0	72	0
72+00.00 - 77+00.00	2310	4652	942	0	2068	0	0	0	0	0	0
ILES AVENUE											
433+00.00 - 437+50.00	3159	6878	1347	0	2923	0	0	0	0	161	0
437+50.00 - 443+50.00	4545	9450	1890	0	4200	0	0	0	0	41	0
443+50.00 - 449+50.00	2365	4906	982	0	2181	0	0	0	0	0	0
449+50.00 - 455+00.00	4166	8663	1733	0	3850	0	0	0	0	141	0
455+00.00 - 459+00.00	3030	6301	1261	165	2800	0	0	199	0	112	0
TOTALS	34,329	71,707	14,163	165	31,370	28	36	329	321	713	274

COMBINATION CONCRETE CURB AND GUTTER

STATION/LOCATION	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE GUTTER, TYPE B	COMBINATION CONCRETE CURB AND GUTTER					CONCRETE MEDIAN SURFACE, 4 INCH
			TYPE B-6.12	TYPE B-6.18	TYPE B-6.18 (VARIABLE WIDTH GUTTER FLAG)	TYPE B (SPECIAL)	TYPE M (SPECIAL)	
	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)
ARCHER ELEVATOR ROAD								
48+40.00 - 54+00.00	104	0	0	854	27	0	0	0
54+00.00 - 60+00.00	0	0	0	1206	0	0	0	0
60+00.00 - 66+00.00	0	0	264	890	0	665	274	2453
66+00.00 - 72+00.00	105	0	83	1108	0	0	0	0
72+00.00 - 77+00.00	0	0	0	846	0	0	0	0
ILES AVENUE								
433+00.00 - 437+50.00	105	60	0	733	20	0	0	0
437+50.00 - 443+50.00	0	0	0	1200	0	0	0	0
443+50.00 - 449+50.00	0	0	0	1046	0	0	0	0
449+50.00 - 455+00.00	174	0	0	1094	16	0	0	0
455+00.00 - 459+00.00	129	0	0	795	20	0	0	0
TOTALS	617	60	347	9,772	83	665	274	2,453

PAVEMENT MARKING

STATION/LOCATION	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS		PAINT PAVEMENT MARKING - LINE 8"	PAINT PAVEMENT MARKING - LINE 12"	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 18"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"
	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)
ARCHER ELEVATOR ROAD											
48+40.00 - 54+00.00	18	429	352	0	1745	68	0	38	0	0	15
54+00.00 - 60+00.00	10	180	25	94	2768	216	0	98	0	0	23
60+00.00 - 66+00.00	57	0	0	86	1370	39	597	817	78	0	72
66+00.00 - 72+00.00	0	0	0	63	2700	101	0	0	0	0	20
72+00.00 - 77+22.81	5	532	175	0	2464	0	0	103	0	0	0
ILES AVENUE											
433+32.45 - 437+50.00	10	807	492	0	1708	202	0	77	0	0	40
437+50.00 - 443+50.00	5	314	77	94	2927	0	0	0	0	0	0
443+50.00 - 449+50.00	65	0	0	280	1767	40	0	125	0	0	0
449+50.00 - 455+00.00	10	0	0	94	2750	108	0	0	0	0	22
455+00.00 - 461+00.00	19	0	0	78	1921	281	0	0	0	0	20
461+00.00 - 467+00.00	0	0	0	16	1558	84	0	118	0	0	0
467+00.00 - 471+54.92	0	0	0	0	570	0	0	116	0	0	0
TOTALS	199	2,262	1,121	805	24,248	1,139	597	1,492	78	0	212

DRIVEWAY PAVEMENT

STATION/LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A 8"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6 INCH	DRIVEWAY PAVEMENT REMOVAL
	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
ARCHER ELEVATOR ROAD				
55+17.37 LT.		140		267
69+51.70 RT.		167		171
75+78.12 RT.	39		30	53
ILES AVENUE				
434+24.15 LT.	128		132	230
434+24.15 RT.		110		202
439+22.53 RT.		99		172
452+91.97 LT.		194		563
TOTALS	167	710	162	1,658

SIDEWALK

STATION/LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNINGS	SIDEWALK REMOVAL
	(SQ FT)	(SQ FT)	(SQ FT)
ARCHER ELEVATOR ROAD			
48+40.00 - 54+00.00	2114	20	104
54+00.00 - 60+00.00	3504	25	668
60+00.00 - 66+00.00	10008	121	1280
66+00.00 - 72+00.00	5862	20	0
72+00.00 - 77+00.00	4228	0	0
ILES AVENUE			
433+00.00 - 437+50.00	1904	46	413
437+50.00 - 443+50.00	3354	20	415
443+50.00 - 449+50.00	3406	120	115
449+50.00 - 455+00.00	5228	33	0
455+00.00 - 459+00.00	4315	26	102
TOTALS	43,923	431	3,097

LANDSCAPING

STATION/LOCATION	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 7' HT., SHRUB FORM, B & B	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 6' HT., CLUMP FORM, B & B	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	SEEDING, CLASS 2	TEMPORARY EROSION CONTROL SEEDING	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	MULCH, METHOD 3
	(EACH)	(EACH)	(UNIT)	(ACRE)	(POUND)	(POUND)	(POUND)	(POUND)	(TON)	(ACRE)
ARCHER ELEVATOR ROAD										
48+40.00 - 54+00.00	0	0	0	0.30	30	27	27	27	0.6	0.30
54+00.00 - 60+00.00	0	0	0	0.40	40	36	36	36	0.8	0.40
60+00.00 - 66+00.00	0	0	0	0.40	40	36	36	36	0.8	0.40
66+00.00 - 72+00.00	0	0	0	0.50	50	45	45	45	1.0	0.50
72+00.00 - 77+00.00	0	0	0	0.40	40	36	36	36	0.8	0.40
77+00.00 - 79+00.00	0	0	0	0.10	10	9	9	9	0.2	0.10
ILES AVENUE										
433+00.00 - 437+50.00	0	4	0	0.30	30	27	27	27	0.6	0.30
437+50.00 - 443+50.00	0	8	0	0.50	50	45	45	45	1.0	0.50
443+50.00 - 449+50.00	3	0	3	0.40	40	36	36	36	0.8	0.40
449+50.00 - 455+00.00	0	0	0	0.40	40	36	36	36	0.8	0.40
455+00.00 - 459+00.00	0	0	0	0.30	30	27	27	27	0.6	0.30
TOTALS	3	12	3	4.00	400	360	360	360	8.0	4.00

EROSION CONTROL

STATION/LOCATION	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	INLET FILTERS	STONE RIPRAP, CLASS A3	STONE RIPRAP, CLASS A4	FILTER FABRIC
	(FOOT)	(FOOT)	(EACH)	(EACH)	(SQ YD)	(SQ YD)	(SQ YD)
ARCHER ELEVATOR ROAD							
48+40.00 - 54+00.00	32	0	1	6	3	0	3
54+00.00 - 60+00.00	48	93	0	2	0	0	0
60+00.00 - 66+00.00	32	195	1	27	0	0	0
66+00.00 - 72+00.00	64	0	2	8	0	0	0
72+00.00 - 77+00.00	32	255	1	4	0	0	0
77+00.00 - 79+00.00	0	147	0	0	0	117	117
ILES AVENUE							
432+75.00 - 437+50.00	16	0	0	4	40	0	40
437+50.00 - 443+50.00	0	0	0	8	0	0	0
443+50.00 - 449+50.00	0	0	0	4	1	0	1
449+50.00 - 455+00.00	8	0	1	8	6	0	6
455+00.00 - 459+00.00	24	0	1	8	0	0	0
TOTALS	256	690	7	79	50	117	167

NOTE: ANY EXISTING SUMP PUMP DRAINS WITHIN PROPOSED DITCH GRADING AREAS SHALL BE CUT BACK TO MATCH SLOPE OF PROPOSED DITCH AND SHALL HAVE 1 SQ YD OF STONE RIPRAP, CLASS A3 PLACED AROUND DRAIN OUTLET.

STORM SEWER STRUCTURE

STRUCT. NO.	STATION	OFFSET	OFFSET (RIM)	METAL END SECTION 12"	PRECAST REIN. CONC. F. E. S.			MANHOLES, TYPE A.										INLETS				
					18"	24"	48"	4' -DIAMETER			5' -DIAMETER			6' -DIAMETER			7' -DIA., TYPE 3 FRAME AND GRATE	8' -DIA., TYPE 1 FRAME, CLOSED LID	TYPE A			TYPE B
								TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	WITH MEDIAN INLET (604101)	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE			TYPE 3 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	WITH MEDIAN INLET (604101)	TYPE 1 FRAME, CLOSED LID
								(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)			(EACH)	(EACH)	(EACH)	(EACH)
1-1	51+00.00	22.00' LT.																1				
1-2	51+24.46	25.82' RT.																				
1-3	51+13.00	46.98' RT.									1											
1-4	52+83.27	22.00' LT.																				
1-5	52+83.27	22.00' RT.						1														
1-6	52+83.27	35.58' RT.					1															
1-7	52+98.31	22.00' LT.																1				
1-8	52+98.23	22.00' RT.																1				
1-9	55+15.00	35.58' RT.					1															
1-10	58+00.00	34.00' LT.																1				
1-11	58+00.00	22.00' RT.																				
1-12	58+00.00	35.58' RT.					1															
1-13	60+00.00	34.00' LT.																1				
1-14	60+50.00	34.00' LT.							1													
1-15	60+50.00	22.00' RT.																				
1-16	60+50.00	33.83' RT.	34.58' RT.							1												
1-17	60+80.00	31.27' LT.																1				
1-18	61+10.00	22.00' RT.																1				
1-19	61+10.00	35.58' RT.								1												
1-20	61+60.00	46.12' LT.																1				
1-21	61+79.71	86.67' LT.	87.47' LT. (STA. 61+79.12)				1															
1-22	61+85.00	18.00' RT.							1													
1-23	61+85.00	33.60' RT.	35.58' RT.										1									
1-24	61+72.00	41.48' RT.																	1			
1-25	61+93.81	67.67' LT.									1											
1-26	62+11.94	35.36' LT.								1												
1-27	62+14.87	21.10' RT.																1				
1-28	62+37.79	34.23' RT.															1					
1-29	445+46.40	22.22' RT.																	1			
1-30	445+80.20	17.07' RT.																1				
1-31	446+87.67	24.38' RT.									1											
1-32	447+20.00	22.00' RT.																				
1-33	447+55.00	22.00' RT.																1				
1-34	445+71.60	14.95' LT.																	1			
1-35	445+15.00	33.00' LT.								1												

STORM SEWER STRUCTURE

STRUCT. NO.	STATION	OFFSET	OFFSET (RIM)	METAL END SECTION 12"	PRECAST REIN. CONC. F. E. S.			MANHOLES, TYPE A.										INLETS				
					18"	24"	48"	4' -DIAMETER			5' -DIAMETER			6' -DIAMETER			7' -DIA., TYPE 3 FRAME AND GRATE	8' -DIA., TYPE 1 FRAME, CLOSED LID	TYPE A			TYPE B
								TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	WITH MEDIAN INLET (604101)	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE			TYPE 3 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	WITH MEDIAN INLET (604101)	TYPE 1 FRAME, CLOSED LID
1-36	447+30.00	37.51' LT.																	1			
1-37	445+43.29	38.41' LT.						1														
1-38	445+63.58	49.92' LT.										1										
1-39	63+39.94	51.46' LT.						1														
1-40	446+86.67	64.66' LT.															1					
1-41	63+70.00	29.95' LT.						1														
1-42	63+70.00	36.35' RT.										1										
1-43	64+35.00	18.00' LT.										1										
1-44	64+35.00	18.48' RT.						1														
1-45	64+35.15	40.08' RT.											1									
1-46	66+85.00	22.00' LT.																	1			
1-47	66+85.00	22.00' RT.																				
1-48	66+85.00	38.08' RT.											1									
1-49	68+95.00	22.00' LT.																	1			
1-50	68+95.00	22.00' RT.																				
1-51	69+00.00	42.00' RT.	44.00' RT.													1						
1-52	71+61.75	22.00' LT.																	1			
1-53	71+78.35	22.00' RT.																	1			
1-54	71+93.35	22.00' LT.						1														
1-55	71+93.35	22.00' RT.						1														
1-56	71+93.35	38.58' RT.											1									
1-57	72+08.35	22.00' LT.																	1			
1-58	72+08.35	22.00' RT.																	1			
1-59	74+00.00	40.08' RT.											1									
1-60	75+60.00	40.08' RT.														1						
1-61	75+92.12	37.49' LT.					1															
1-62	76+00.00	22.00' LT.						1														
1-63	76+00.00	22.00' RT.						1														
1-64	76+00.00	37.14' RT.	40.08' RT.																	1		
1-65	434+56.74	28.05' RT.						1														
1-66	434+71.00	36.99' LT.																	1			
1-67	437+00.00	26.01' RT.						1														
1-68	437+00.00	36.99' LT.																	1			
1-69	438+70.00	26.01' RT.						1														
1-70	438+70.00	36.99' LT.																	1			
1-71	439+70.41	26.01' RT.																				

STORM SEWER STRUCTURE

STRUCT. NO.	STATION	OFFSET	OFFSET (RIM)	METAL END SECTION 12"	PRECAST REIN. CONC. F. E. S.			MANHOLES, TYPE A.										INLETS				
					18"	24"	48"	4' -DIAMETER			5' -DIAMETER			6' -DIAMETER			7' -DIA., TYPE 3 FRAME AND GRATE	8' -DIA., TYPE 1 FRAME, CLOSED LID	TYPE A			TYPE B
								TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	WITH MEDIAN INLET (604101)	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME AND GRATE	TYPE 8 GRATE			TYPE 3 FRAME AND GRATE	TYPE 11 FRAME AND GRATE	WITH MEDIAN INLET (604101)	TYPE 1 FRAME, CLOSED LID
(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)		
1-72	439+70.41	36.99' LT.																1				
1-73	439+85.41	26.01' RT.						1														
1-74	439+85.41	36.99' LT.						1														
1-75	441+55.00	41.35' LT.																			1	
1-76	443+25.00	26.01' RT.																1				
1-77	443+25.00	36.99' LT.						1														
1-78	444+00.00	26.01' RT.																1				
1-79	444+40.00	36.99' LT.						1														
1-80	444+75.00	26.94' RT.																				
1-81	445+05.33	37.77' RT.																				
1-82	78+54.36	40.02' RT.							1													
1-83	69+93.54	40.13' LT.		1																		
1-84	70+06.54	40.13' LT.		1																		
2-1	450+20.00	26.00' RT.																				
2-2	450+20.00	37.00' LT.																1				
2-3	451+75.00	26.00' RT.							1													
2-4	451+75.00	37.00' LT.																1				
2-5	452+60.00	26.00' RT.																				
2-6	453+45.00	26.00' RT.							1													
2-7	453+45.00	37.00' LT.																1				
2-8	454+30.00	26.00' RT.							1													
2-9	455+32.48	27.73' RT.							1													
2-10	455+32.48	37.00' LT.																1				
2-11	456+20.00	26.00' RT.							1													
2-12	456+20.00	37.00' LT.																1				
2-13	457+30.79	26.00' RT.							1													
2-14	457+30.79	37.00' LT.																1				
2-15	457+45.79	26.00' RT.									1											
2-16	457+45.79	37.00' LT.									1											
2-21	458+97.86	40.63' LT.											1									
2-22 (EX.)	458+80.00	40.10' RT.																				
2-23	453+45.00	43.35' RT.																		1		
TOTALS				2	1	1	1	4	25	1	2	7	1	6	1	2	2	1	30	1	1	1

STORM SEWER PIPES

REACH		PIPE SIZE (IN.)	PIPE CLASS/ TYPE	APPROXIMATE LENGTH (FT.)	SLOPE (%)	WATER MAIN REQUIREMENTS	TRENCH BACKFILL (CU. YD.)
FROM	TO						
2-1	2-3	12"	CL A, TY 1	152	0.51		20.1
2-2	2-1	12"	CL A, TY 1	64	0.52		8.5
2-3	2-5	15"	CL A, TY 1	82	0.52		10.0
2-4	2-3	12"	CL A, TY 1	63	0.52		8.4
2-5	2-6	15"	CL A, TY 1	82	0.52		11.8
2-6	2-8	18"	CL A, TY 1	82	0.41		10.7
2-7	2-6	12"	CL A, TY 1	63	0.52		8.4
2-8	2-9	18"	CL A, TY 1	99	0.41		12.9
2-9	2-11	24"	CL A, TY 1	85	0.19		9.9
2-10	2-9	12"	CL A, TY 1	65	0.52		9.8
2-11	2-13	24"	CL A, TY 1	108	0.21		15.8
2-12	2-11	12"	CL A, TY 1	63	0.52		8.4
2-13	2-15	24"	CL A, TY 1	12	0.25		1.4
2-14	2-16	12"	CL A, TY 1	12	3.42	X	1.6
2-15	2-16	24"	CL A, TY 1	62	0.32		9.1
2-16	2-21	24"	CL A, TY 2	148	0.31	X	52.2
2-23	2-6	12"	CL A, TY 1	14	8.07		2.4
TOTAL							2864.2

FILE NAME : L:\Springfield\0702501\Draw\Sheets\Cont	USER NAME : Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	DRAINGAGE SCHEDULE ARCHER ELEVATOR ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	loc:\06-Shr_STORM SEWER SCHEDULES.dgn	DRAWN - GLD/RAH	REVISED -			8011	15-00431-01-PV	SANGAMON	96	22
	PLOT SCALE = 50.0000 " / in.	CHECKED - KLT	REVISED -			CONTRACT NO. 93668				
	PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISED -			SCALE: N/A	SHEET NO. OF SHEETS	STA. N/A TO STA. N/A	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

DRAINAGE SCHEDULE

STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEVATION	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)
1-1	51+00.00 22.00' LT.	INLET, TYPE A TYPE 3	616.76			613.37	
1-2	51+24.46 25.82' RT.	INLET, TYPE B TYPE 3	616.46			613.02	613.06
1-3	51+13.00 46.98' RT.	MANHOLE, TYPE A, 5' DIA WITH MEDIAN INLET (604101)	615.55	612.63			612.89
1-4	52+83.27 22.00' LT.	INLET, TYPE B TYPE 3	615.43	611.93		611.83	
1-5	52+83.27 22.00' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	615.43	611.93		611.30	611.55
1-6	52+83.27 35.58' RT.	MANHOLE, TYPE A, 4' DIA TYPE 1 CLOSED LID	616.02	610.96	612.07		611.21
1-7	52+98.31 22.00' LT.	INLET, TYPE A TYPE 3	615.44		612.19		
1-8	52+98.23 22.00' RT.	INLET, TYPE A TYPE 3	615.44		612.19		
1-9	55+15.00 35.58' RT.	MANHOLE, TYPE A, 4' DIA TYPE 1 CLOSED LID	615.38	609.46	609.56		
1-10	58+00.00 34.00' LT.	INLET, TYPE A TYPE 3	613.89			610.64	
1-11	58+00.00 22.00' RT.	INLET, TYPE B TYPE 3	614.13			610.25	610.35
1-12	58+00.00 35.58' RT.	MANHOLE, TYPE A, 4' DIA TYPE 1 CLOSED LID	613.27	607.25	607.75		610.18
1-13	60+00.00 34.00' LT.	INLET, TYPE A TYPE 3	611.89	608.64			
1-14	60+50.00 34.00' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	611.39	607.74	607.89	607.49	
1-15	60+50.00 22.00' RT.	INLET, TYPE B TYPE 3	611.63			607.20	607.30
1-16	60+50.00 33.83' RT.	MANHOLE, TYPE A, 5' DIA TYPE 1 CLOSED LID	611.06	606.53	606.63		607.16
1-17	60+80.00 31.27' LT.	INLET, TYPE A TYPE 3	611.14		607.89		
1-18	61+10.00 22.00' RT.	INLET, TYPE A TYPE 3	611.04			607.79	
1-19	61+10.00 35.58' RT.	MANHOLE, TYPE A, 5' DIA TYPE 1 CLOSED LID	610.41	606.25	606.35		607.73
1-20	61+60.00 46.12' LT.	INLET, TYPE A TYPE 3	610.37	607.12			
1-21	61+79.71 86.67' LT.	MANHOLE, TYPE A, 4' DIA TYPE 1 CLOSED LID	612.27			606.10	
1-22	61+85.00 18.00' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	610.46	606.79		606.69	
1-23	61+85.00 33.60' RT.	MANHOLE, TYPE A, 6' DIA TYPE 1 CLOSED LID	611.16	605.48	605.98	607.00	606.62
1-24	61+72.00 41.48' RT.	24" F. E. S.		608.39			
1-25	61+93.81 67.67' LT.	MANHOLE, TYPE A, 5' DIA TYPE 3	610.10	606.14	606.60	605.37	605.87

DRAINAGE SCHEDULE

STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEVATION	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)
1-26	62+11.94 35.36' LT.	MANHOLE, TYPE A, 4' DIA TYPE 11	610.14			605.15	605.25
1-27	62+14.87 21.10' RT.	INLET, TYPE A TYPE 3	610.19		606.94		
1-28	62+37.79 34.23' RT.	MANHOLE, TYPE A, 7' DIA TYPE 3	609.98		605.21	604.42	604.92
1-29	445+46.40 22.22' RT.	INLET, TYPE A TYPE 11	610.02	606.77			
1-30	445+80.20 17.07' RT.	INLET, TYPE A TYPE 3	609.99	606.74			
1-31	446+87.67 24.38' RT.	MANHOLE, TYPE A, 5' DIA TYPE 3	609.57	604.19		606.03	604.29
1-32	447+20.00 22.00' RT.	INLET, TYPE B TYPE 3	609.80			606.29	606.19
1-33	447+55.00 22.00' RT.	INLET, TYPE A TYPE 3	609.97				606.72
1-34	445+71.60 14.95' LT.	MANHOLE, TYPE A, 6' DIA TYPE 3	609.89	606.29	606.39		606.39
1-35	445+15.00 33.00' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	610.18			604.51	604.61
1-36	447+30.00 37.51' LT.	INLET, TYPE A TYPE 3	609.72				606.47
1-37	445+43.29 38.41' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	609.81			604.31	604.41
1-38	445+63.58 49.92' LT.	MANHOLE, TYPE A, 5' DIA TYPE 3	609.63	604.12	606.06		604.22
1-39	63+39.94 51.46' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	609.54	603.92	604.02		
1-40	446+86.67 64.66' LT.	MANHOLE, TYPE A, 7' DIA TYPE 3	609.28	603.54	603.64	605.78	
1-41	63+70.00 29.95' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	609.23	603.63	603.73		
1-42	63+70.00 36.35' RT.	MANHOLE, TYPE A, 5' DIA TYPE 3	609.09	603.20	603.30		
1-43	64+35.00 18.00' LT.	MANHOLE, TYPE A, 5' DIA TYPE 3	608.69		603.27	603.17	
1-44	64+35.00 18.48' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	608.68			602.83	602.93
1-45	64+35.15 40.08' RT.	MANHOLE, TYPE A, 6' DIA TYPE 1 CLOSED LID	609.38	602.58	602.68		602.68
1-46	66+85.00 22.00' LT.	INLET, TYPE A TYPE 3	605.60			602.35	
1-47	66+85.00 22.00' RT.	INLET, TYPE B TYPE 3	605.60			602.00	602.10
1-48	66+85.00 38.08' RT.	MANHOLE, TYPE A, 6' DIA TYPE 1 CLOSED LID	606.22	598.73	598.83		601.92
1-49	68+95.00 22.00' LT.	INLET, TYPE A TYPE 3	601.71			598.46	
1-50	68+95.00 22.00' RT.	INLET, TYPE B TYPE 3	601.73			598.11	598.21

NOTE:

FOR INLETS AND MANHOLES LOCATED IN THE CURB; STATIONS, OFFSETS AND RIM ELEVATIONS ARE PROVIDED AT THE EDGE OF PAVEMENT. ALL OTHER INLET AND MANHOLE STATIONS, OFFSETS AND RIM ELEVATIONS ARE GIVEN TO THE CENTER OF STRUCTURE, UNLESS NOTED OTHERWISE. PIPE END SECTION STATIONS, OFFSETS AND INVERTS ARE PROVIDED AT THE END OF THE FLARED END SECTIONS.

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	DRAINAGE SCHEDULE ARCHER ELEVATOR ROAD				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
L:\Springfield\0702501\Draw\Sheets\Cont	Drawn - GLD/RAH	CHECKED - KLT	REVISED -		SCALE: N/A	SHEET NO.	OF	SHEETS	STA. N/A	TO STA. N/A	8011	15-00431-01-PV	SANGAMON	96	23
	PLOT SCALE = 50,0000' / in	DATE - MARCH 1, 2016	REVISED -												
	PLOT DATE = 2/26/2016										FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			CONTRACT NO. 93668

DRAINAGE SCHEDULE

STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEVATION	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)
1-51	69+00.00 42.00' RT.	MANHOLE, TYPE A, 6' DIA TYPE 8	600.50	595.40	595.50		598.00
1-52	71+61.75 22.00' LT.	INLET, TYPE A TYPE 3	597.40	594.15			
1-53	71+78.35 22.00' RT.	INLET, TYPE A TYPE 3	597.34	594.09			
1-54	71+93.35 22.00' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	597.33	593.83	593.83	593.63	
1-55	71+93.35 22.00' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	597.33	593.83	593.83	593.14	593.39
1-56	71+93.35 38.58' RT.	MANHOLE, TYPE A, 6' DIA TYPE 1 CLOSED LID	597.95	592.38	593.38		593.03
1-57	72+08.35 22.00' LT.	INLET, TYPE A TYPE 3	597.34		594.09		
1-58	72+08.35 22.00' RT.	INLET, TYPE A TYPE 3	597.34		594.09		
1-59	74+00.00 40.08' RT.	MANHOLE, TYPE A, 6' DIA TYPE 1 CLOSED LID	598.69	591.87	591.97		
1-60	75+60.00 40.08' RT.	MANHOLE, TYPE A, 6' DIA TYPE 8	597.81	591.45	591.55		
1-61	75+92.12 37.49' LT.	18" F. E. S.				595.14	
1-62	76+00.00 22.00' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	596.83			593.50	594.00
1-63	76+00.00 22.00' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	596.83			592.93	593.03
1-64	76+00.00 37.14' RT.	MANHOLE, TYPE A, 8' DIA TYPE 1 CLOSED LID	597.47	591.27	591.37		592.74
1-65	434+56.74 28.05' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	615.59	612.09		611.99	
1-66	434+71.00 36.99' LT.	INLET, TYPE A TYPE 3	615.77		612.52		
1-67	437+00.00 26.01' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	615.37	611.79		610.52	610.77
1-68	437+00.00 36.99' LT.	INLET, TYPE A TYPE 3	615.37		612.12		
1-69	438+70.00 26.01' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	614.69	611.11		609.60	609.70
1-70	438+70.00 36.99' LT.	INLET, TYPE A TYPE 3	614.69		611.44		
1-71	439+70.41 26.01' RT.	INLET, TYPE B TYPE 3	614.36			608.69	608.79
1-72	439+70.41 36.99' LT.	INLET, TYPE A TYPE 3	614.36			611.11	
1-73	439+85.41 26.01' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	614.36	608.29			608.54
1-74	439+85.41 36.99' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	614.36		607.97	607.87	610.86
1-75	441+55.00 41.35' LT.	INLET, TYPE B TYPE 1 CLOSED LID	614.74			606.75	606.85
1-76	443+25.00 26.01' RT.	INLET, TYPE A TYPE 3	612.31	609.06			

DRAINAGE SCHEDULE

STRUCTURE NUMBER	LOCATION	TYPE	RIM ELEVATION	INVERT (NORTH)	INVERT (SOUTH)	INVERT (EAST)	INVERT (WEST)
1-77	443+25.00 36.99' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	612.31		608.73	605.23	605.73
1-78	444+00.00 26.01' RT.	INLET, TYPE A TYPE 3	611.38			608.13	
1-79	444+40.00 36.99' LT.	MANHOLE, TYPE A, 4' DIA TYPE 3	610.89			604.84	604.94
1-80	444+75.00 26.94' RT.	INLET, TYPE B TYPE 3	610.57			606.97	607.07
1-81	445+05.33 37.77' RT.	INLET, TYPE B TYPE 3	610.10			606.50	606.60
1-82	78+54.36 40.02' RT.	48" F. E. S.			590.50		
2-1	450+20.00 26.00' RT.	INLET, TYPE B TYPE 3	609.54	605.96		605.86	
2-2	450+20.00 37.00' LT.	INLET, TYPE A TYPE 3	609.54		606.29		
2-3	451+75.00 26.00' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	608.65	605.07		604.82	605.09
2-4	451+75.00 37.00' LT.	INLET, TYPE A TYPE 3	608.65		605.40		
2-5	452+60.00 26.00' RT.	INLET, TYPE B TYPE 3	608.17			604.29	604.39
2-6	453+45.00 26.00' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	607.69	604.11	604.30	603.61	603.86
2-7	453+45.00 37.00' LT.	INLET, TYPE A TYPE 3	607.69		604.44		
2-8	454+30.00 26.00' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	607.20			603.17	603.27
2-9	455+32.48 27.73' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	606.58	603.13		602.26	602.76
2-10	455+32.48 37.00' LT.	INLET, TYPE A TYPE 3	606.72		603.47		
2-11	456+20.00 26.00' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	606.12	602.54		602.00	602.10
2-12	456+20.00 37.00' LT.	INLET, TYPE A TYPE 3	606.12		602.87		
2-13	457+30.79 26.00' RT.	MANHOLE, TYPE A, 4' DIA TYPE 3	605.69			601.67	601.77
2-14	457+30.79 37.00' LT.	INLET, TYPE A TYPE 3	605.69			602.44	
2-15	457+45.79 26.00' RT.	MANHOLE, TYPE A, 5' DIA TYPE 3	605.70	601.54			601.64
2-16	457+45.79 37.00' LT.	MANHOLE, TYPE A, 5' DIA TYPE 3	605.70		601.34	601.24	602.03
2-21	458+97.86 40.63' LT.	MANHOLE, TYPE A, 6' DIA TYPE 1 CLOSED LID	605.60	600.78 (EX.)	600.79 (EX.)		600.78
2-22 (EX.)	458+80.18 40.08' RT.	MANHOLE, TYPE A, 7' DIA W/ NEW TYPE 8 GRATE	605.85 (EX.) 605.25 (PR.)				
2-23	453+45.00 43.35' RT.	INLET, TYPE A, WITH MEDIAN INLET (604101)	607.50	605.43			

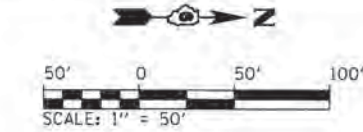
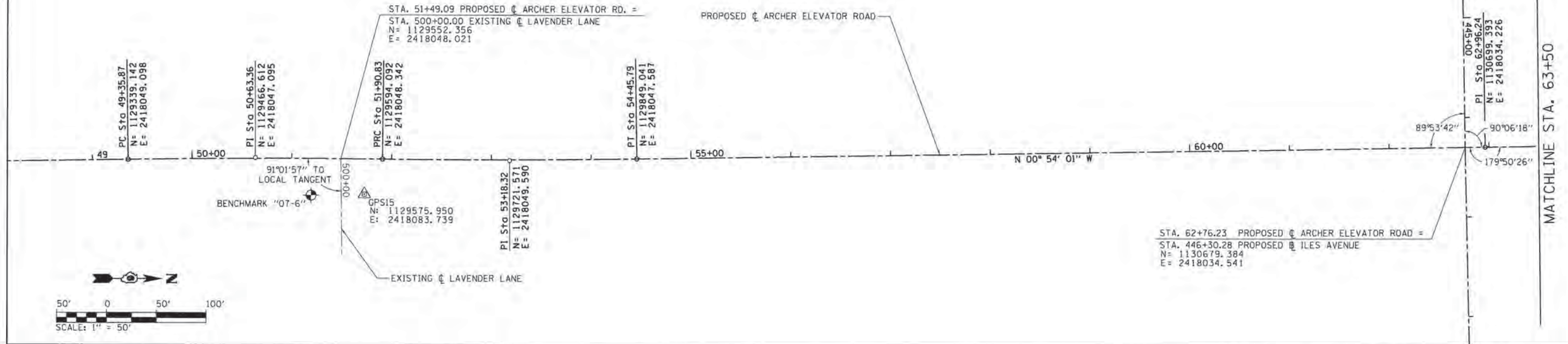
NOTE:

FOR INLETS AND MANHOLES LOCATED IN THE CURB: STATIONS, OFFSETS AND RIM ELEVATIONS ARE PROVIDED AT THE EDGE OF PAVEMENT. ALL OTHER INLET AND MANHOLE STATIONS, OFFSETS AND RIM ELEVATIONS ARE GIVEN TO THE CENTER OF STRUCTURE, UNLESS NOTED OTHERWISE. PIPE END SECTION STATIONS, OFFSETS AND INVERTS ARE PROVIDED AT THE END OF THE FLARED END SECTIONS.

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	DRAINAGE SCHEDULE ARCHER ELEVATOR ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Springfield\872501\Draw\Sheets\Contract\106-Sht.STORM SEWER SCHEDULE.dgn	DRAWN - GLD/RAH	REVISED -	8011			15-00431-01-PV	SANGAMON	96	24	
PLOT SCALE = 50.0000' / in.	CHECKED - KLT	REVISED -	CONTRACT NO. 93668							
PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISED -	ILLINOIS FED. AID PROJECT							

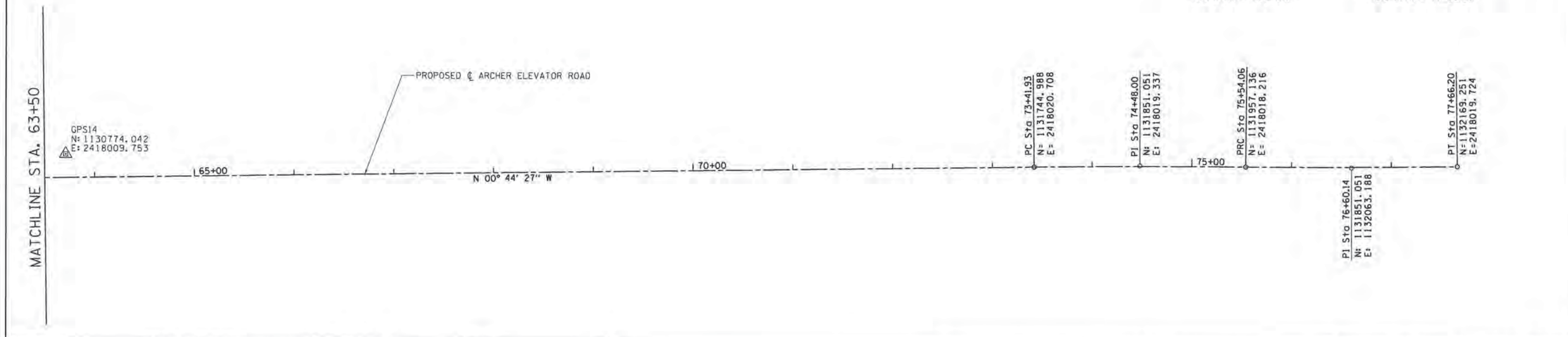
PROP. CL ARCHER ELEVATOR ROAD
 CURVE-1 DATA
 PI STA. = 50+63.36
 $\Delta = 1^\circ 27' 39''$ (RT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 127.49'$
 $L = 254.96'$
 $E = 0.81'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 49+35.87$
 $P.R.C. STA. = 51+90.83$

PROP. CL ARCHER ELEVATOR ROAD
 CURVE-2 DATA
 PI STA. = 53+18.32
 $\Delta = 1^\circ 27' 39''$ (LT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 127.49'$
 $L = 254.96'$
 $E = 0.81'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.R.C. STA. = 51+90.83$
 $P.T. STA. = 54+45.79$

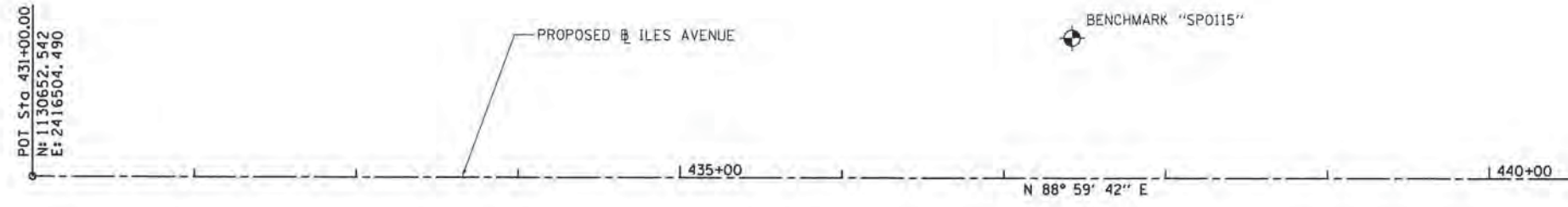
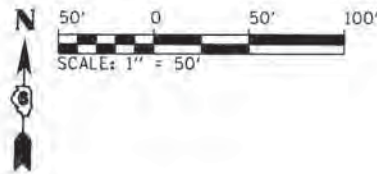


PROP. CL ARCHER ELEVATOR ROAD
 CURVE-3 DATA
 PI STA. = 74+48.00
 $\Delta = 1^\circ 12' 56''$ (RT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 106.07'$
 $L = 212.14'$
 $E = 0.56'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 73+41.93$
 $P.T. STA. = 75+54.06$

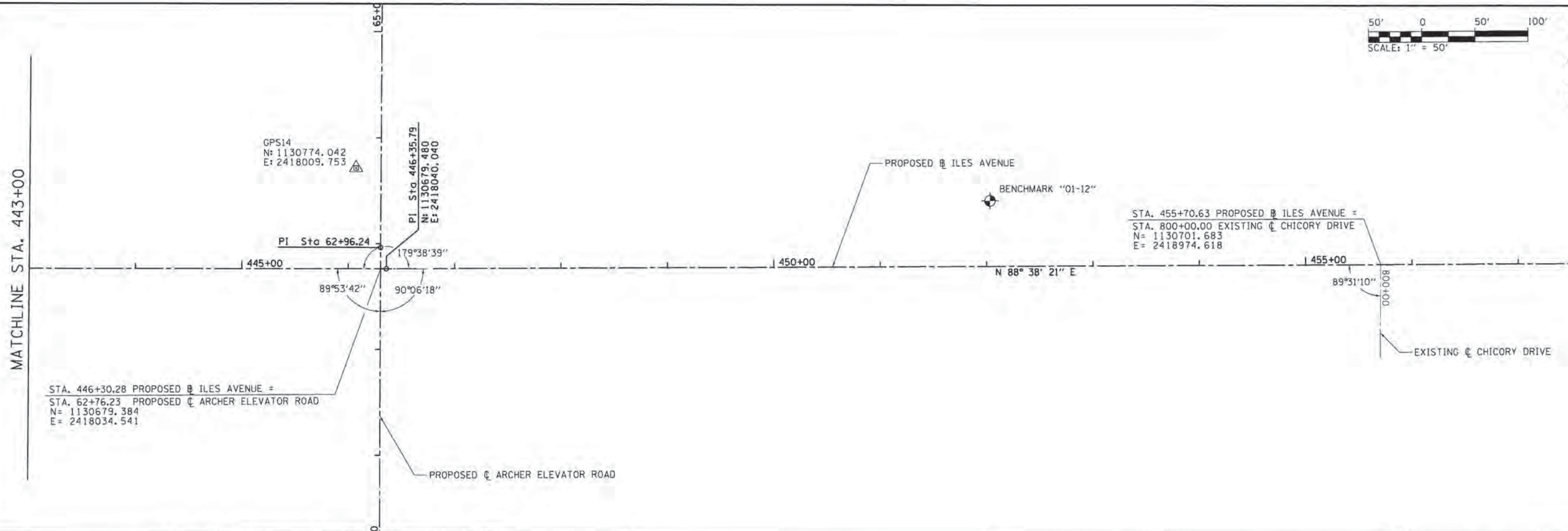
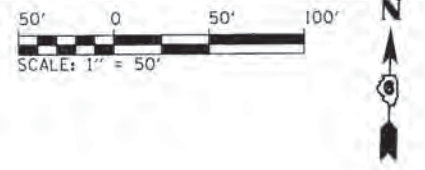
PROP. CL ARCHER ELEVATOR ROAD
 CURVE-4 DATA
 PI STA. = 76+60.14
 $\Delta = 1^\circ 12' 56''$ (LT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 106.07'$
 $L = 212.14'$
 $E = 0.56'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA. = 75+54.06$
 $P.T. STA. = 77+66.20$



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED = KLT	REVISED =	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	ALIGNMENT SHEET F.A.U. 8011 (ARCHER ELEVATOR ROAD)	F.A.U. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =			
L:\Springfield\2782581\Draw\Sheets\Cont	act\INDS-Shr.Alignments_801.dgn	DRAWN = GLD/RAH	REVISED =			8011	15-00431-01-PV	SANGAMON	96	25			
PLOT SCALE = 50.0000 "/>													
PLOT DATE = 2/26/2016	DATE = MARCH 1, 2016	REVISED =	REVISED =			CONTRACT NO. 93668							
SCALE: 1" = 50'						SHEET NO. 1 OF 5 SHEETS		STA. 49+35.87 TO STA. 77+66.20			FED. ROAD DIST. NO.	ILLINDIS	FED. AID PROJECT



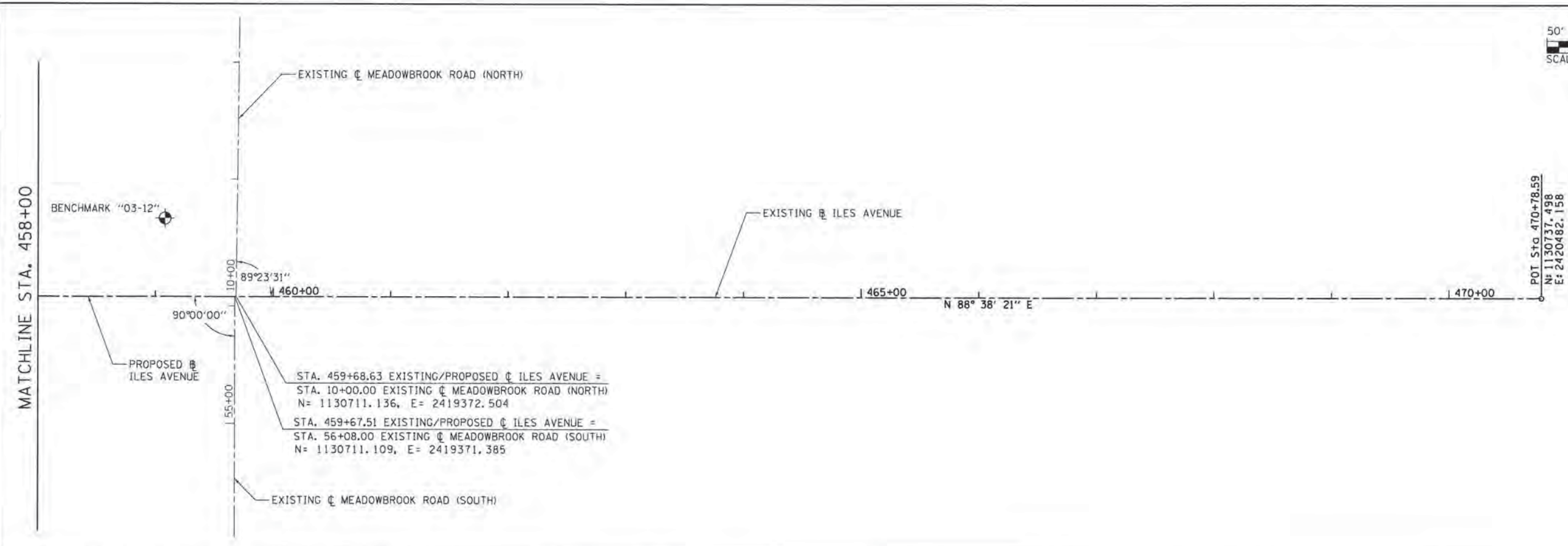
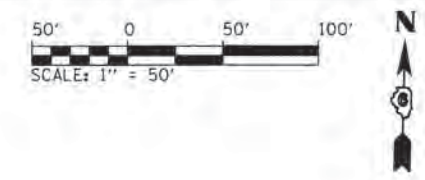
MATCHLINE STA. 443+00



MATCHLINE STA. 443+00

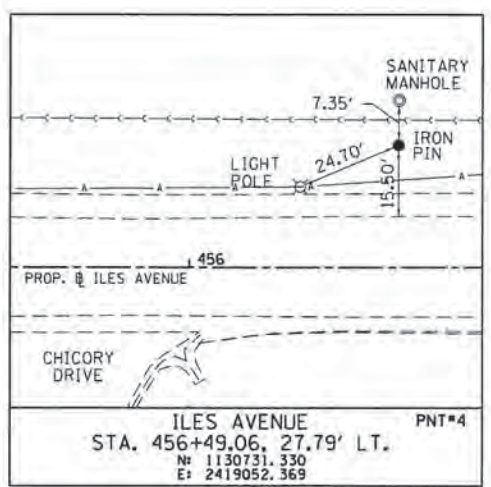
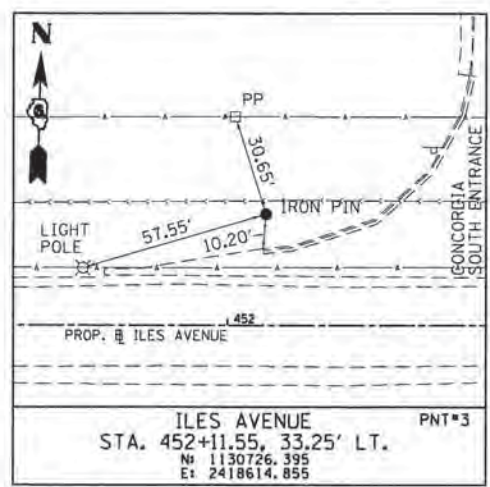
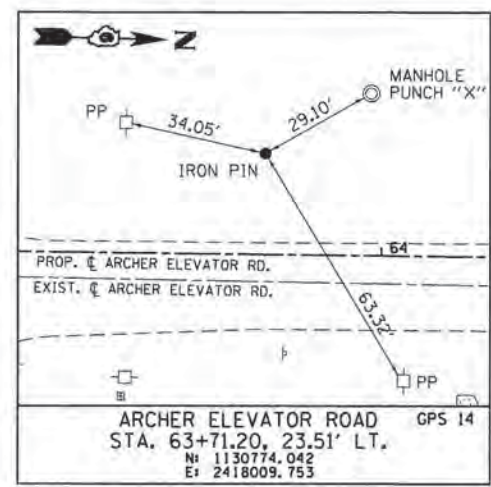
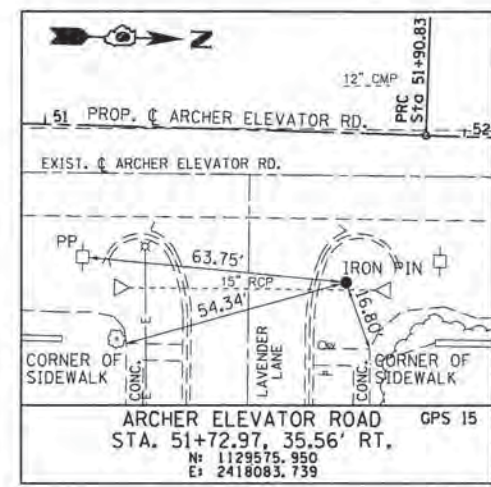
MATCHLINE STA. 458+00

FILE NAME = L:\Springfield\2782501\Draw\Sheets\Contract\1\06-Sht_Alignments_02.dgn	USER NAME = Kristin Timmons	DESIGNED = KLT	REVISED = -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	ALIGNMENT SHEET F.A.U. 8047A (ILES AVENUE)			F.A.U. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 26
	PLOT SCALE = 50.0000' / 1" =	CHECKED = KLT	REVISED = -		SCALE: 1" = 50'	SHEET NO. 2 OF 5 SHEETS	STA. 431+00	TO STA. 458+00	CONTRACT NO. 93668			
	PLOT DATE = 2/26/2016	DATE = MARCH 1, 2016	REVISED = -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							



BENCHMARKS

BENCHMARK	STATION / OFFSET	LOCATION / DESCRIPTION	ELEVATION
"SPO115"	STA. 437+42, 87' RT.	CWLP PLATE IN ROTARY PARK NAVD88	614.40
"07-6"	STA. 51+31, 76' RT.	CHISLED "4" BOLT FH S.E. QUADRANT ARCHER ELEVATOR RD. AND LAVENDER LANE INTERSECTION	619.30
"03-12"	STA. 459+08, 67' LT.	CHISLED "□" ON 30" RCP N.W. QUADRANT MEADOWBROOK RD. AND ILES AVE INTERSECTION	603.34
"01-12"	STA. 452+02, 62' LT.	RR SPIKE IN SOUTH FACE OF POWER POLE WEST OF CONCORDIA VILLAGE ENTRANCE OFF ILES AVENUE	608.19



FILE NAME =	USER NAME = Kristin Timmons
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PLOT SCALE = 50,0000 "/>	

DESIGNED - KLT	REVISED -
DRAWN - GLD/RAH	REVISED -
CHECKED - KLT	REVISED -
DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

ALIGNMENT TIES AND BENCHMARKS	
SCALE: 1" = 50'	SHEET NO. 3 OF 5 SHEETS
STA. 458+00	TO STA. 470+78.59

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	27
CONTRACT NO. 93668				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PROP. SB ARCHER CURVE-1
 PI STA. = 165+00.32
 N = 1130754.095
 E = 2418028.519
 $\Delta = 51^\circ 06' 50''$ (RT)
 D = 57' 17' 45"
 R = 100.00'
 T = 47.82'
 L = 89.21'
 E = 10.85'
 P.C. STA = 164+52.50
 P.R.C. STA = 165+41.71

PROP. SB ARCHER CURVE-2
 PI STA. = 165+93.98
 N = 1130690.263
 E = 2417951.433
 $\Delta = 98^\circ 32' 31''$ (LT)
 D = 127' 19' 26"
 R = 45.00'
 T = 52.26'
 L = 77.39'
 E = 23.97'
 P.R.C. STA = 165+41.71
 P.R.C. STA = 166+19.11

PROP. SB ARCHER CURVE-3
 PI STA. = 166+72.93
 N = 1130619.509
 E = 2418030.481
 $\Delta = 47^\circ 16' 07''$ (RT)
 D = 46' 34' 55"
 R = 123.00'
 T = 53.83'
 L = 101.47'
 E = 11.26'
 P.R.C. STA = 166+19.11
 P.T. STA = 167+20.58

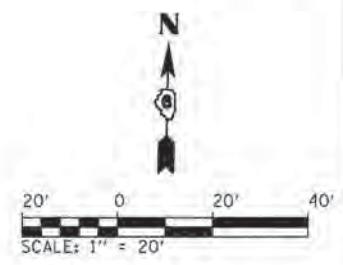
SB ARCHER ELEVATOR RD. STA. 164+25.67 =
 ARCHER ELEVATOR RD. STA. 64+25.67, 5.00' LT.

NB ARCHER ELEV. RD. STA. 164+37.89 =
 ARCHER ELEV. RD. STA. 64+25.67, 5.00' RT.

PROP. WB ILES CURVE-1
 PI STA. = 1448+37.47
 N = 1130690.407
 E = 2418078.908
 $\Delta = 50^\circ 09' 38''$ (RT)
 D = 71' 37' 11"
 R = 80.00'
 T = 37.44'
 L = 70.04'
 E = 8.33'
 P.C. STA = 1448+00.03
 P.T. STA = 1448+70.07

PROP. WB ILES CURVE-2
 PI STA. = 1449+20.90
 N = 1130756.824
 E = 2418020.764
 $\Delta = 96^\circ 57' 50''$ (LT)
 D = 127' 19' 26"
 R = 45.00'
 T = 50.83'
 L = 76.16'
 E = 22.89'
 P.C. STA = 1448+70.07
 P.T. STA = 1449+46.23

PROP. WB ILES CURVE-3
 PI STA. = 1449+87.69
 N = 1130688.059
 E = 2417959.203
 $\Delta = 47^\circ 09' 32''$ (RT)
 D = 60' 18' 41"
 R = 95.00'
 T = 41.46'
 L = 78.19'
 E = 8.65'
 P.C. STA = 1449+46.23
 P.T. STA = 1450+24.42



WB ILES AVE. STA. 1450+63.75 =
 ILES AVE. STA. 444+74.31, 10.0' LT.

WB ILES AVE. STA. 1447+56.19 =
 ILES AVE. STA. 447+56.19, 10.0' LT.

EB ILES AVE. STA. 1444+74.31 =
 ILES AVE. STA. 444+74.31, 1.00' LT.

EB ILES AVE. STA. 1447+75.08 =
 ILES AVE. STA. 447+56.19, 1.00' LT.

PROP. EB ILES CURVE-1
 PI STA. = 1445+56.02
 N = 1130679.076
 E = 2417960.267
 $\Delta = 39^\circ 18' 20''$ (RT)
 D = 49' 49' 21"
 R = 115.00'
 T = 41.07'
 L = 78.89'
 E = 7.11'
 P.C. STA = 1445+14.95
 P.R.C. STA = 1445+93.84

PROP. EB ILES CURVE-2
 PI STA. = 1446+36.87
 N = 1130626.951
 E = 2418026.268
 $\Delta = 87^\circ 26' 22''$ (LT)
 D = 127' 19' 26"
 R = 45.00'
 T = 43.03'
 L = 68.67'
 E = 17.26'
 P.R.C. STA = 1445+93.84
 P.R.C. STA = 1446+62.51

PROP. EB ILES CURVE-3
 PI STA. = 1446+91.30
 N = 1130681.270
 E = 2418073.256
 $\Delta = 47^\circ 46' 41''$ (RT)
 D = 88' 08' 50"
 R = 65.00'
 T = 28.79'
 L = 54.20'
 E = 6.09'
 P.R.C. STA = 1446+62.51
 P.T. STA = 1447+16.72

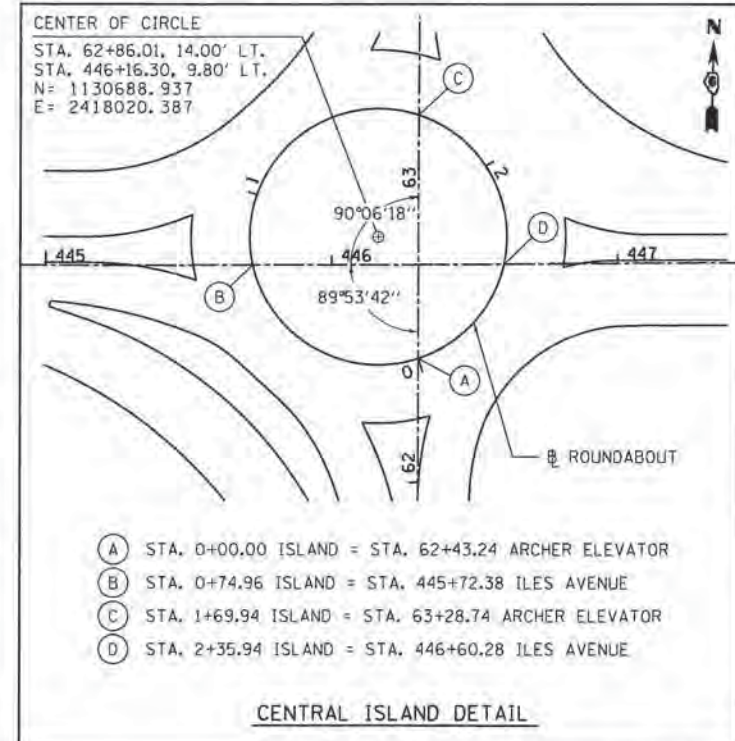
SB ARCHER ELEVATOR RD. STA. 167+57.83 =
 ARCHER ELEVATOR RD. STA. 61+25.36, 5.00' LT.

NB ARCHER ELEVATOR RD. STA. 161+25.36 =
 ARCHER ELEVATOR RD. STA. 61+25.36, 5.00' RT.

PROP. NB ARCHER CURVE-1
 PI STA. = 162+26.00
 N = 1130628.791
 E = 2418032.310
 $\Delta = 41^\circ 28' 36''$ (RT)
 D = 52' 05' 13"
 R = 110.00'
 T = 41.65'
 L = 79.63'
 E = 7.62'
 P.C. STA = 161+84.35
 P.R.C. STA = 162+63.98

PROP. NB ARCHER CURVE-2
 PI STA. = 162+96.44
 N = 1130688.744
 E = 2418075.873
 $\Delta = 71^\circ 36' 29''$ (LT)
 D = 127' 19' 26"
 R = 45.00'
 T = 32.46'
 L = 56.24'
 E = 10.49'
 P.R.C. STA = 162+63.98
 P.R.C. STA = 163+20.22

PROP. NB ARCHER CURVE-3
 PI STA. = 163+51.62
 N = 1130740.666
 E = 2418038.693
 $\Delta = 34^\circ 51' 54''$ (RT)
 D = 57' 17' 45"
 R = 100.00'
 T = 31.40'
 L = 60.85'
 E = 4.81'
 P.R.C. STA = 163+20.22
 P.T. STA = 163+81.07



PROP. CURVE PRNWEOP-1
 PI STA. = 1301+01.99
 N= 1130710.888
 E= 2417949.282
 $\Delta = 42^\circ 38' 55''$ (LT)
 D = 71' 37' 11"
 R = 80.00'
 T = 31.23'
 L = 59.55'
 E = 5.88'
 P.C. STA = 1300+70.76
 P.T. STA = 1301+30.31

PROP. CURVE PRNWEOP-2
 PI STA. = 1301+90.27
 N= 1130773.838
 E= 2418015.262
 $\Delta = 47^\circ 05' 13''$ (LT)
 D = 49' 49' 21"
 R = 115.00'
 T = 50.11'
 L = 94.51'
 E = 10.44'
 P.C. STA = 1301+40.17
 P.T. STA = 1302+34.67

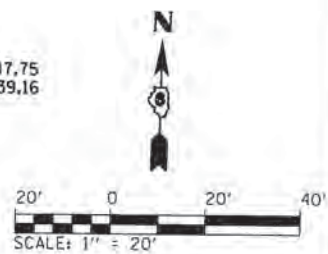
POT Sta 1302+82.01
 N= 1130870.939
 E= 2418010.007

PI Sta 1302+53.73
 N= 1130842.994
 E= 2418014.368

PT Sta 1302+34.67
 N= 1130823.941
 E= 2418014.615

PROP. CURVE PRNEOP-1
 PI STA. = 1201+00.36
 N= 1130714.023
 E= 2418104.584
 $\Delta = 60^\circ 41' 38''$ (RT)
 D = 57' 17' 45"
 R = 100.00'
 T = 58.55'
 L = 105.93'
 E = 15.88'
 P.C. STA = 1200+41.82
 P.T. STA = 1201+47.75

PROP. CURVE PRNEOP-2
 PI STA. = 1201+94.52
 N= 1130804.610
 E= 2418050.868
 $\Delta = 29^\circ 55' 35''$ (RT)
 D = 32' 44' 26"
 R = 175.00'
 T = 46.77'
 L = 91.41'
 E = 6.14'
 P.C. STA = 1201+47.75
 P.T. STA = 1202+39.16



NW EOP STA. 1300+00.00 =
 ILES AVE. STA. 444+43.89, 37' LT.

NE EOP STA. 1202+67.44 =
 ARCHER ELEV. RD. STA. 64+76.01, 22.00' RT.

NE EOP STA. 1200+00.00 =
 ILES AVE. STA. 448+01.21, 37.00' LT.

SW EOP STA. 1000+00.00 =
 ILES AVE. STA. 444+06.94, 26.00' RT.

SE EOP STA. 1102+56.83 =
 ILES AVE. STA. 447+89.53, 26.00' RT.

SW EOP STA. 1003+16.05 =
 ARCHER ELEVATOR RD. STA. 60+60.87, 34.00' LT.

SE EOP STA. 1100+00.00 =
 ARCHER ELEVATOR RD. STA. 61+15.46, 22.00' RT.

PROP. CURVE PRSEOP-1
 PI STA. = 1100+90.38
 N= 1130608.999
 E= 2418053.649
 $\Delta = 18^\circ 11' 42''$ (RT)
 D = 76' 23' 40"
 R = 75.00'
 T = 12.01'
 L = 23.82'
 E = 0.96'
 P.C. STA = 1100+78.37
 P.T. STA = 1101+02.19

PROP. CURVE PRSEOP-2
 PI STA. = 1101+41.67
 N= 1130658.161
 E= 2418068.956
 $\Delta = 71^\circ 20' 40''$ (RT)
 D = 104' 10' 27"
 R = 55.00'
 T = 39.48'
 L = 68.49'
 E = 12.70'
 P.C. STA = 1101+02.19
 P.T. STA = 1101+70.68

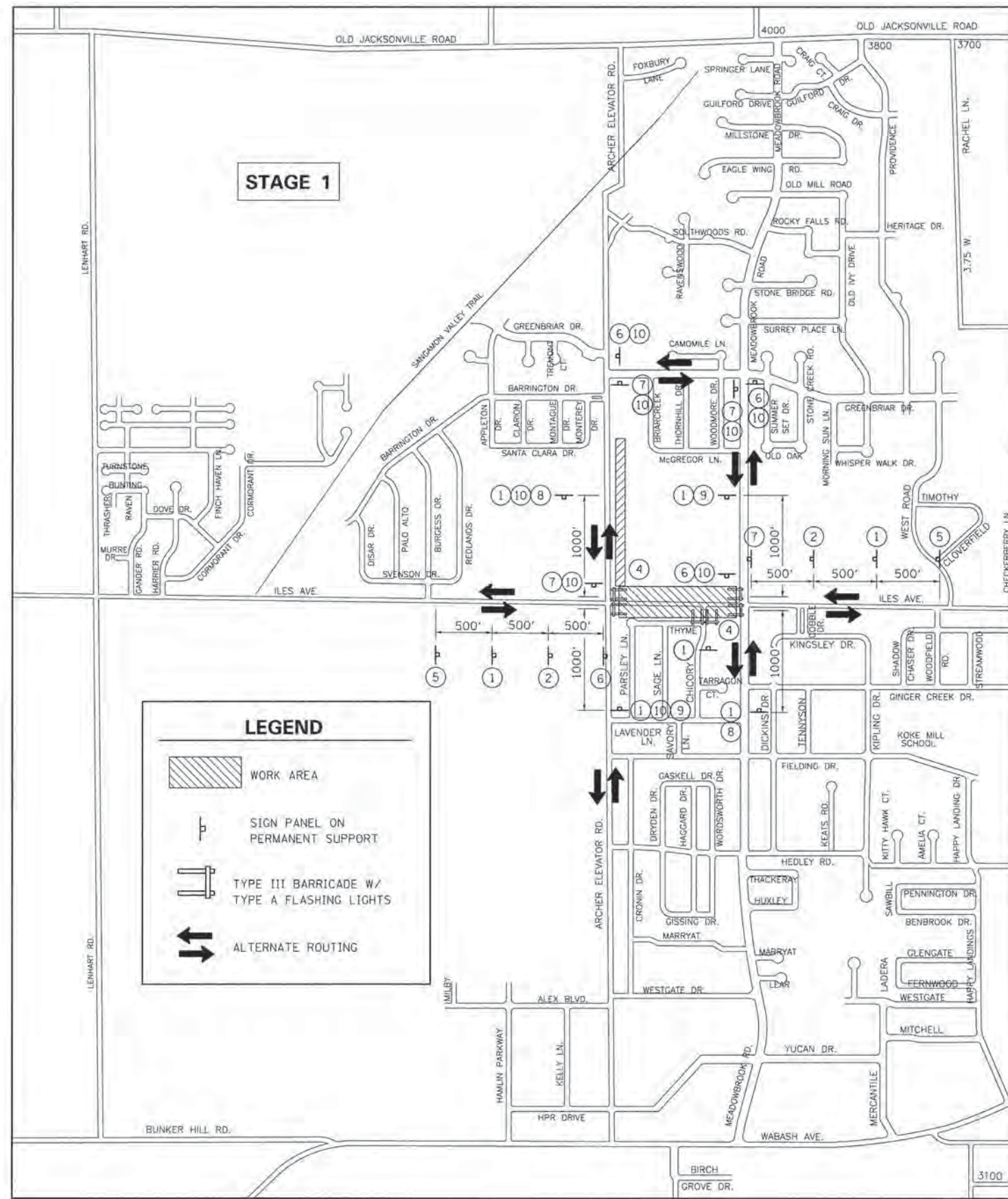
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	PLDT DATE = 2/26/2016	DATE = MARCH 1, 2016	REVISED =

CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS

ROUNDABOUT ALIGNMENT SHEET 2
 ARCHER ELEVATOR ROAD

SCALE: 1" = 20' SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	29
CONTRACT NO. 93668				
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT				

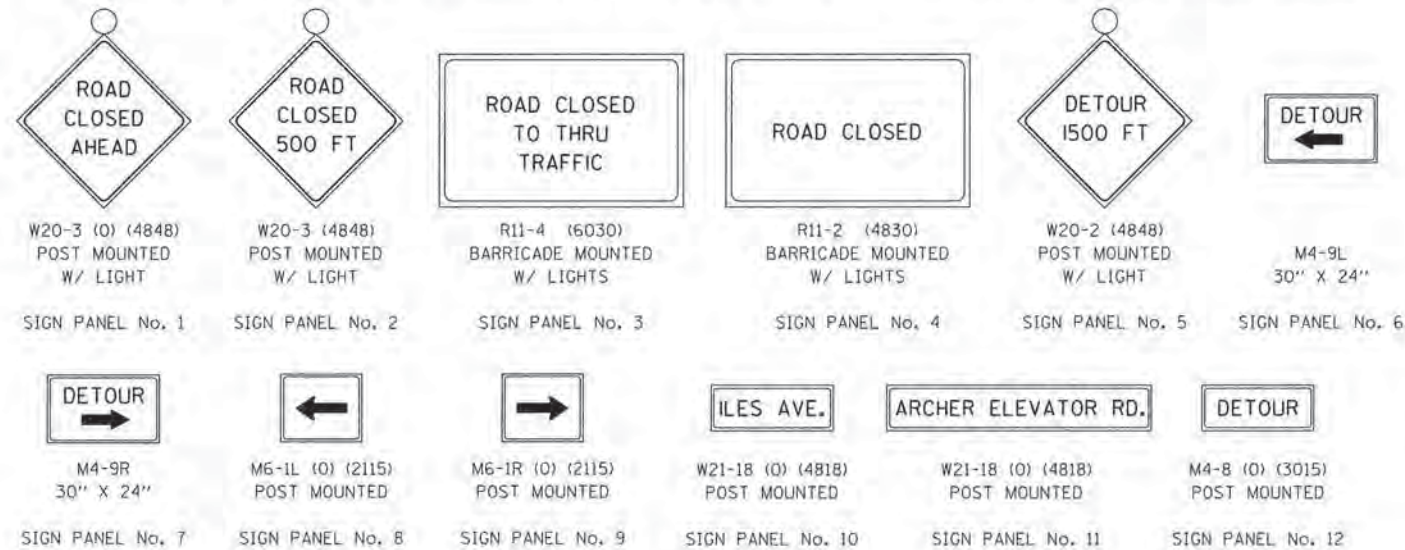


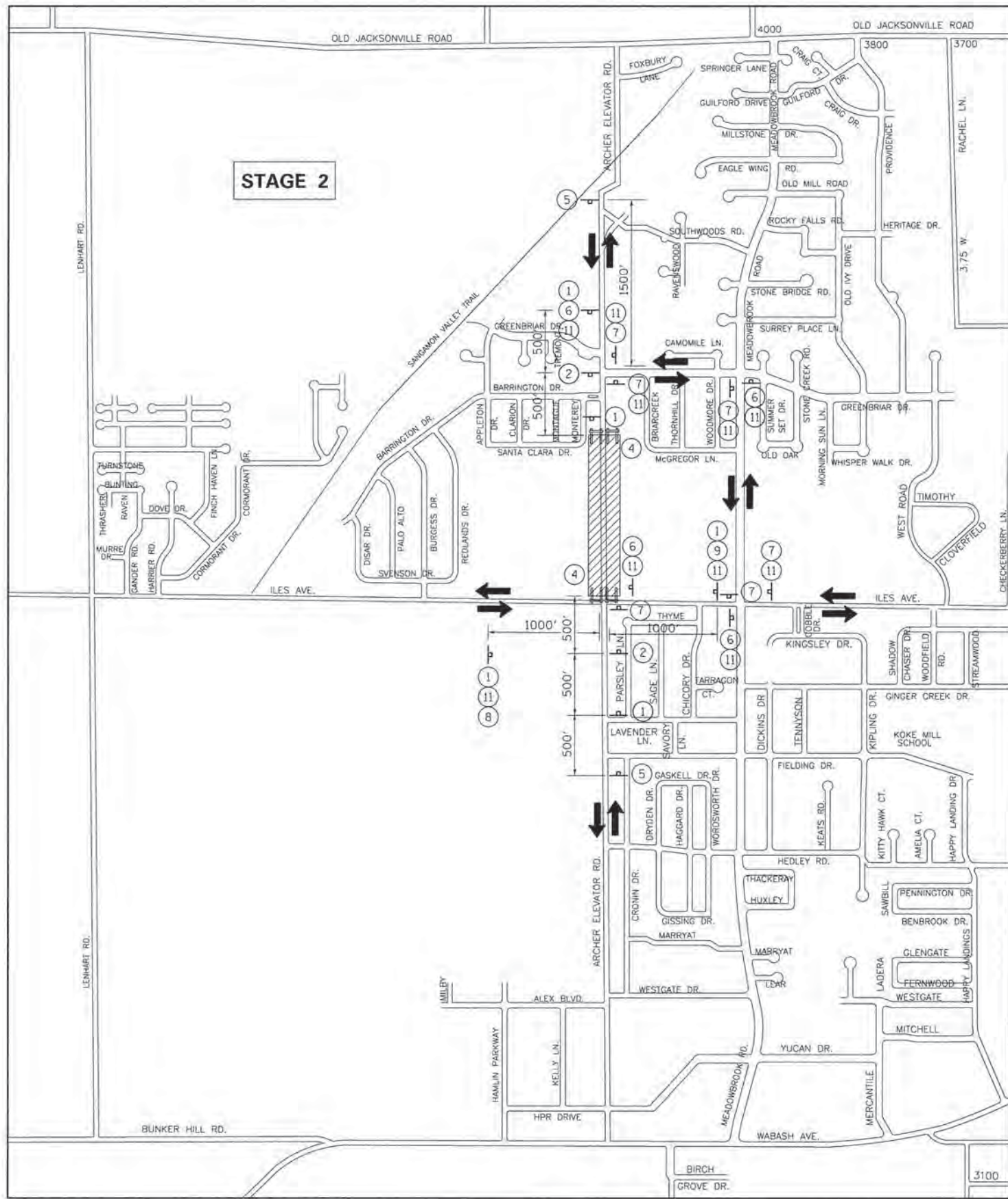
MAINTENANCE OF TRAFFIC GENERAL NOTES

- 1.) ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016, THE DETAILS IN THESE PLANS AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- 2.) ALL MAINTENANCE OF TRAFFIC SIGNS SHALL BE PROVIDED, PLACED AND MAINTAINED BY THE CONTRACTOR. ALL ROAD CLOSURE SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE NOTED.
- 3.) THE CONTRACTOR SHALL PROCEED WITH THE WORK IN AN EXPEDIENT MANNER TO MINIMIZE THE TIME OF ROAD CLOSURE.
- 4.) THE ENGINEER SHALL BE NOTIFIED IN WRITING AT LEAST TWO WEEKS PRIOR TO THE DAY THAT THE ROAD IS TO BE CLOSED, THE ENGINEER WILL COORDINATE WITH THE CITY AND ANY APPROPRIATE LOCAL AGENCIES.
- 5.) THE CONTRACTOR SHALL SUPPLY TO THE ENGINEER THE NAMES AND PHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE AND HIS REPRESENTATIVES RESPONSIBLE FOR THE DETOUR SIGNING AND MAINTENANCE OF TRAFFIC PRIOR TO THE START OF WORK.
- 6.) LONGITUDINAL DIMENSIONS SHOWN ON THESE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- 7.) THE ROAD SHALL NOT BE CLOSED UNTIL ALL SIGNING IS ERECTED IN ACCORDANCE WITH THE DETOUR PLAN FOR THAT STAGE AND SIGNING HAS BEEN INSPECTED AND APPROVED BY THE ENGINEER.
- 8.) ALL EXISTING SIGNING THAT IS NOT APPLICABLE WHILE THE ROAD CLOSURE IS IN EFFECT SHALL BE REMOVED OR COVERED BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- 9.) ALL ROAD CLOSURE SIGNING, EXCEPT REGULATORY SIGNS, SHALL HAVE BLACK LEGNEDS ON FLUORESCENT ORANGE BACKGROUNDS AND STANDARD BLACK BORDERS. ALL ROAD CLOSURE SIGNS SHALL BE NEW OR LIKE NEW CONDITION.
- 10.) AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED FOR THE CLOSURE SIGNAGE SHALL MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS PER ARTICLE 1106.02(a) OF THE STANDARD SPECIFICATIONS. ALL LIGHTS SHALL OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND THE CITY OF SPRINGFIELD SHALL BE USED.
- 11.) THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO THRU TRAFFIC ONLY SHALL NOT EXCEED 8 FEET IN WIDTH FOR A SINGLE APPROACH LANE. ALL BARRICADES AT THESE LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF THE BARRICADE.
- 12.) THE "ROAD CLOSED" SIGN ON A TYPE III BARRICADE SHALL BE MOUNTED ACCORDING TO STANDARD 701901.
- 13.) CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES DURING NON-WORKING HOURS. IN ANY EVENT, ARTICLES 701 THRU 703 OF THE STANDARD SPECIFICATIONS SHALL APPLY.
- 14.) THE ENGINEER SHALL BE NOTIFIED AT LEAST TWO WEEKS BEFORE THE ROAD IS TO BE OPENED TO TRAFFIC. THE ENGINEER WILL COORDINATE WITH THE CITY AND THE APPROPRIATE LOCAL AGENCIES.
- 15.) THE CONTRACTOR SHALL COORDINATE UNINTERRUPTED MAIL SERVICE DURING CONSTRUCTION OPERATIONS.
- 16.) FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF 8 SANDBAGS PER BARRICADE.

STAGE 1 NOTES

- 1.) CONSTRUCT ILES AVENUE EAST OF ARCHER ELEVATOR ROAD FROM APPROX. STA. 446+60 TO STA. 459+00.
- 2.) CONSTRUCT STORM SEWER TRUNK LINE ALONG EAST SIDE OF ARCHER ELEVATOR ROAD, NORTH OF ILES AVENUE.
- 3.) FINAL HMA SURFACE SHALL BE CONSTRUCTED BEFORE THE ROAD IS OPENED TO TRAFFIC PRIOR TO A WINTER SHUTDOWN.
- 4.) HIGHWAY STD. BLR 21-9 SHALL BE USED FOR FULL ROAD CLOSURE, STD. 701006 AND STD. 701011 SHALL BE USED FOR WORK ADJACENT TO ARCHER ELEVATOR ROAD, STD. 701301 AND 701501 SHALL BE USED FOR LANE CLOSURES.
- 5.) A NOMINAL QUANTITY OF TEMPORARY PAVEMENT (8" DEPTH) HAS BEEN INCLUDED FOR TRANSITIONS TO THE EXISTING PAVEMENT SURFACE.





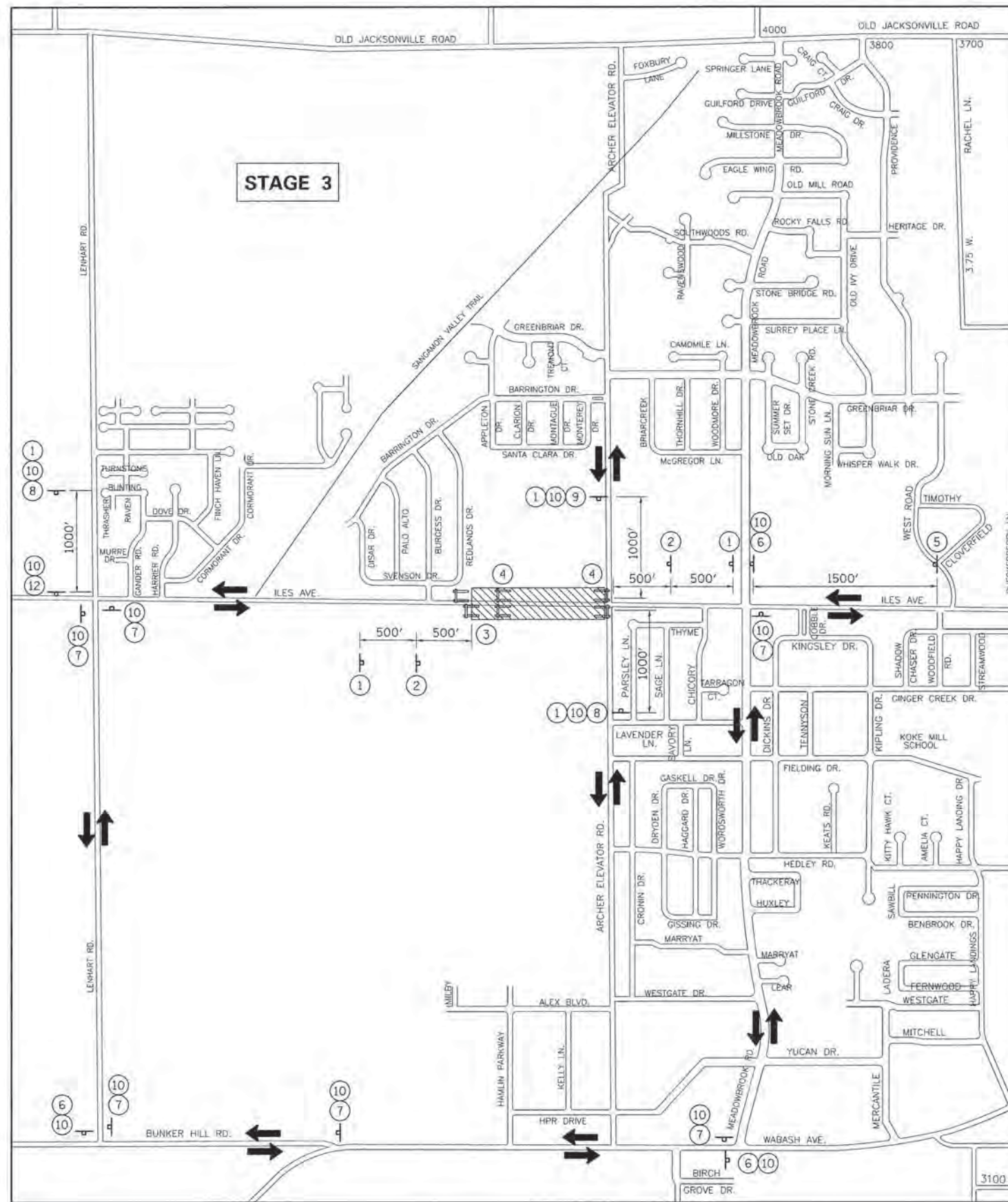
STAGE 2 NOTES

- 1.) MAINTENANCE OF TRAFFIC GENERAL NOTES LISTED ON DETOUR PLAN - STAGE 1 SHEET SHALL ALSO APPLY TO THIS STAGE.
- 2.) CONSTRUCT ARCHER ELEVATOR ROAD NORTH OF ILES AVENUE FROM APPROX. STA. 63+30 TO STA. 78+54.36.
- 3.) FINAL HMA SURFACE SHALL BE CONSTRUCTED BEFORE THE ROAD IS OPENED TO TRAFFIC PRIOR TO A WINTER SHUTDOWN.
- 4.) HIGHWAY STD. BLR 21-9 SHALL BE USED FOR FULL ROAD CLOSURE, STD. 701006 AND STD. 701011 SHALL BE USED FOR WORK ADJACENT TO ILES AVENUE, STD. 701301 AND 701501 SHALL BE USED FOR LANE CLOSURES.
- 5.) A NOMINAL QUANTITY OF TEMPORARY PAVEMENT (8" DEPTH) HAS BEEN INCLUDED FOR TRANSITIONS TO THE EXISTING PAVEMENT SURFACE.

LEGEND

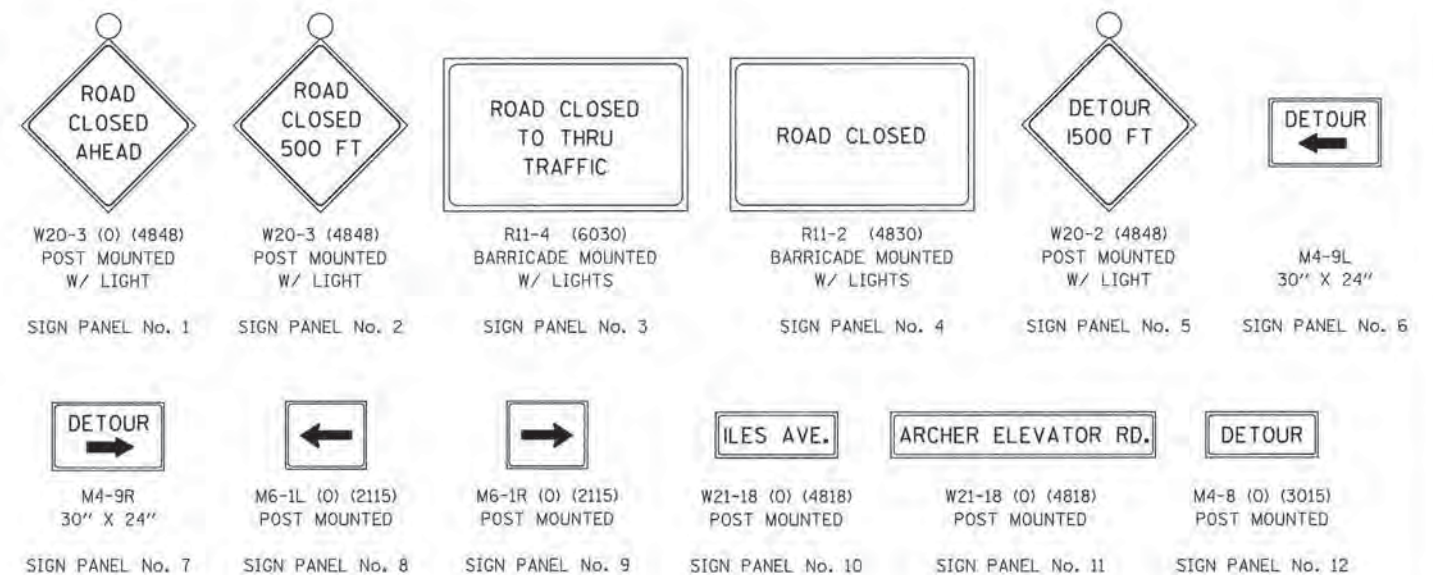
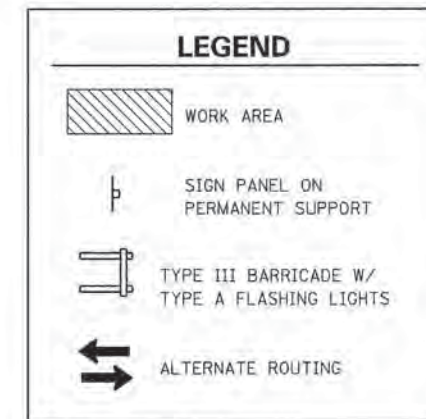
- WORK AREA
- SIGN PANEL ON PERMANENT SUPPORT
- TYPE III BARRICADE W/ TYPE A FLASHING LIGHTS
- ALTERNATE ROUTING

W20-3 (0) (4848) POST MOUNTED W/ LIGHT	W20-3 (4848) POST MOUNTED W/ LIGHT	R11-4 (6030) BARRICADE MOUNTED W/ LIGHTS	R11-2 (4830) BARRICADE MOUNTED W/ LIGHTS	W20-2 (4848) POST MOUNTED W/ LIGHT	M4-9L 30" X 24"
SIGN PANEL No. 1	SIGN PANEL No. 2	SIGN PANEL No. 3	SIGN PANEL No. 4	SIGN PANEL No. 5	SIGN PANEL No. 6
M4-9R 30" X 24"	M6-1L (0) (2115) POST MOUNTED	M6-1R (0) (2115) POST MOUNTED	W21-18 (0) (4818) POST MOUNTED	W21-18 (0) (4818) POST MOUNTED	M4-8 (0) (3015) POST MOUNTED
SIGN PANEL No. 7	SIGN PANEL No. 8	SIGN PANEL No. 9	SIGN PANEL No. 10	SIGN PANEL No. 11	SIGN PANEL No. 12

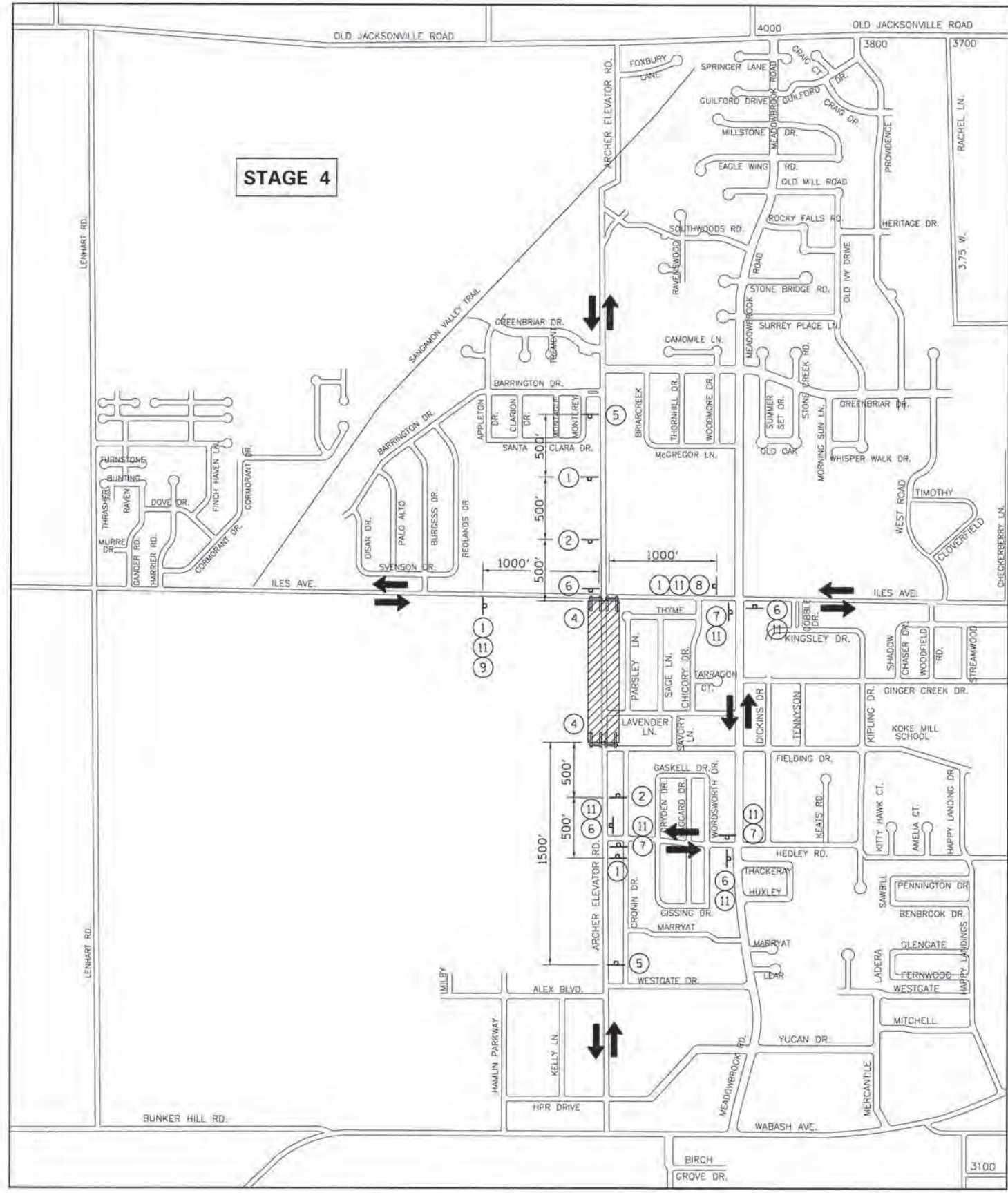


STAGE 3 NOTES

- 1.) MAINTENANCE OF TRAFFIC GENERAL NOTES LISTED ON DETOUR PLAN - STAGE 1 SHEET SHALL ALSO APPLY TO THIS STAGE.
- 2.) CONSTRUCT ILES AVENUE WEST OF ARCHER ELEVATOR ROAD FROM STA. 433+32.45 TO APPROX. STA. 445+70.
- 3.) HIGHWAY STD. BLR 21-9 SHALL BE USED FOR FULL ROAD CLOSURE, STD. 701006 AND STD. 701011 SHALL BE USED FOR WORK ADJACENT TO ARCHER ELEVATOR ROAD, STD. 701301 AND 701501 SHALL BE USED FOR LANE CLOSURES.
- 4.) THE CONTRACTOR SHALL MAINTAIN ACCESS TO ROTARY PARK AND THE YMCA ENTRANCE DURING STAGE 3 CONSTRUCTION.
- 5.) A NOMINAL QUANTITY OF TEMPORARY PAVEMENT (8" DEPTH) HAS BEEN INCLUDED FOR TRANSITIONS TO THE EXISTING PAVEMENT SURFACE.

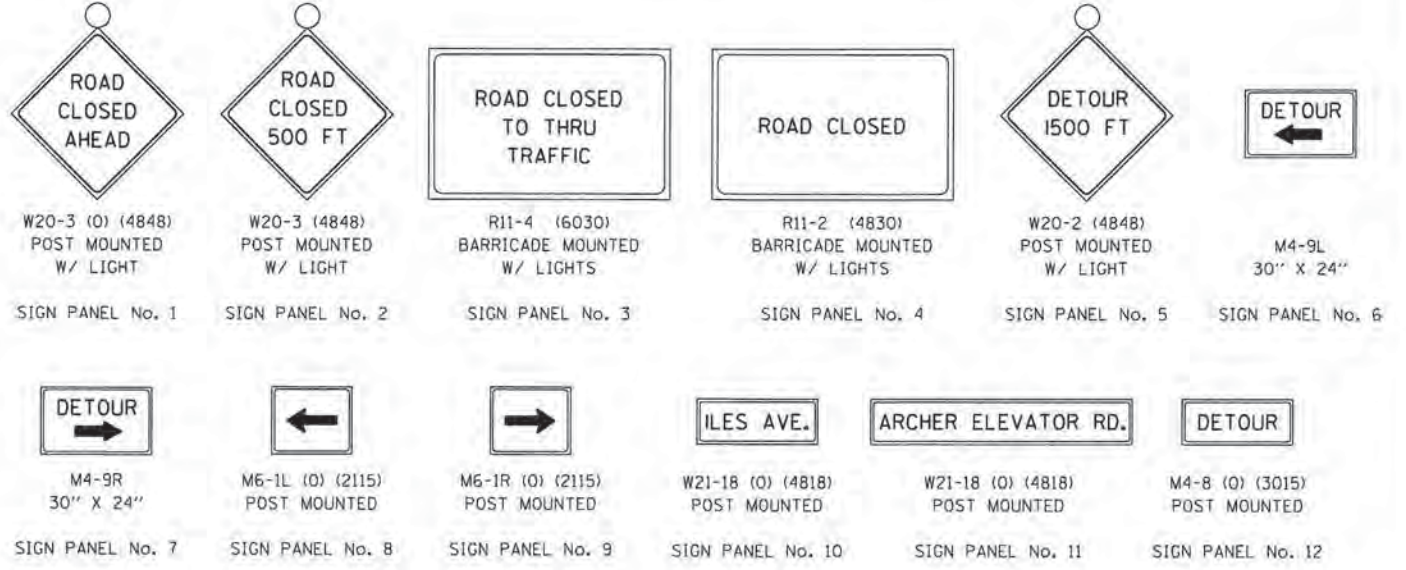
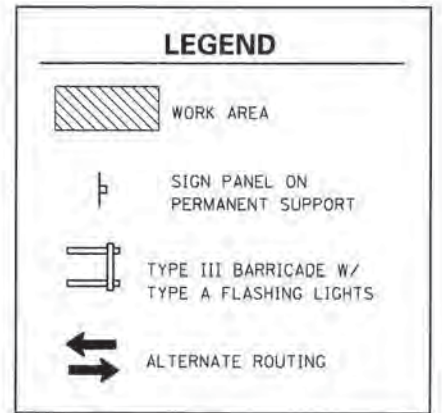


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L:\Springfield\0782581\Draw\Sheets\Cont..._1\106-Sht-Detour-Stage3.dgn						DRAWN - GLD/RAH	8011	15-00431-01-PV	SANGAMON	96	32
PLOT SCALE = 60000.0000' / in.						CHECKED - KLT	CONTRACT NO. 93668				
PLOT DATE = 3/17/2016						DATE - MARCH 1, 2016	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STAGE 4 NOTES

- 1.) MAINTENANCE OF TRAFFIC GENERAL NOTES LISTED ON DETOUR PLAN - STAGE 1 SHEET SHALL ALSO APPLY TO THIS STAGE.
- 2.) CONSTRUCT ARCHER ELEVATOR ROAD SOUTH OF ILES AVENUE FROM STA. 48+40.00 TO APPROX. STA. 62+40.
- 3.) HIGHWAY STD. BLR 21-9 SHALL BE USED FOR FULL ROAD CLOSURE, STD. 701006 AND STD. 701011 SHALL BE USED FOR WORK ADJACENT TO ILES AVENUE, STD. 701301 AND 701501 SHALL BE USED FOR LANE CLOSURES.
- 4.) A NOMINAL QUANTITY OF TEMPORARY PAVEMENT (8" DEPTH) HAS BEEN INCLUDED FOR TRANSITIONS TO THE EXISTING PAVEMENT SURFACE.
- 5.) FOLLOWING COMPLETION OF STAGE 4, CONTRACTOR SHALL CONSTRUCT ROUNDABOUT CENTRAL ISLAND. THE CONTRACTOR SHALL COORDINATE TRAFFIC CONTROL IN ADVANCE WITH THE ENGINEER. PRIOR TO FULLY OPENING THE ROUNDABOUT TO TRAFFIC, THE CONTRACTOR SHALL AGAIN COORDINATE WITH THE ENGINEER.

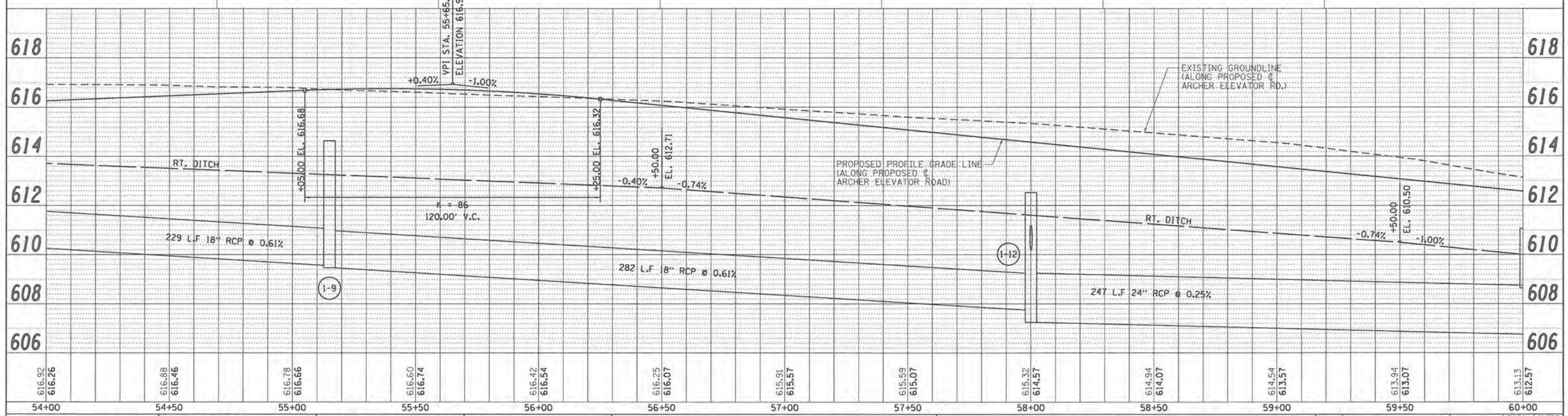
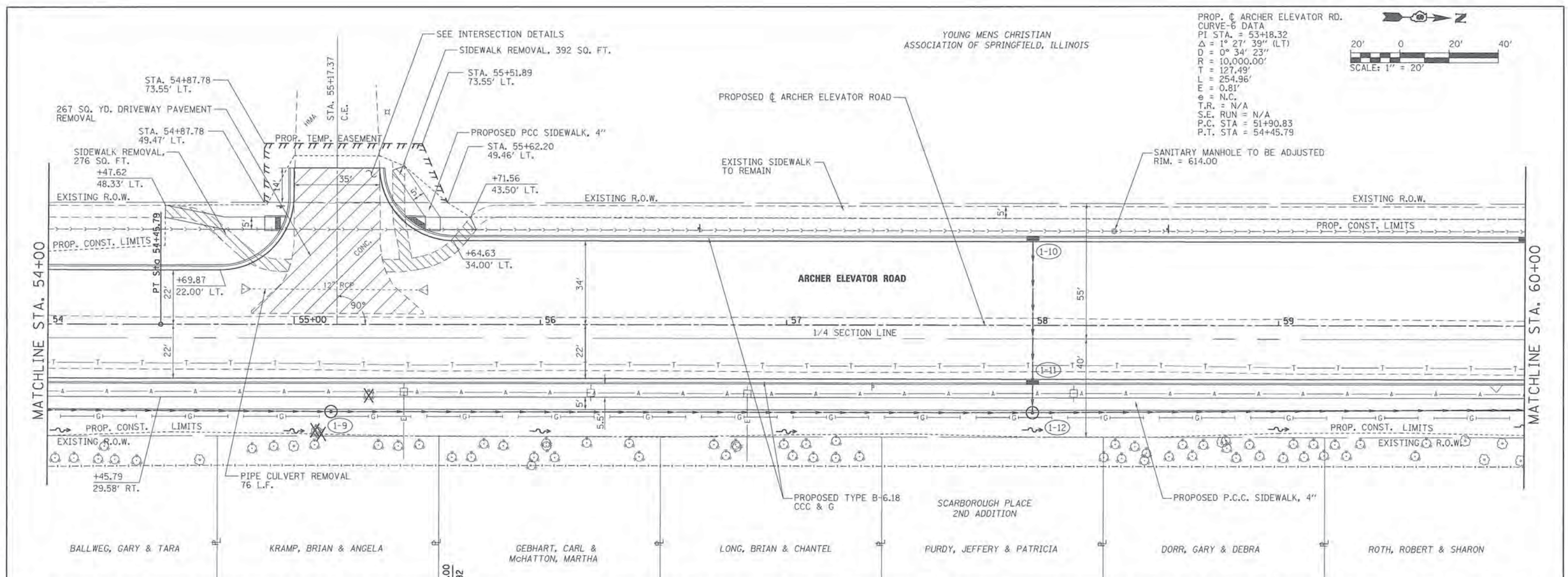


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L:\Springfield\878250\Draw\Sheets\Cons	act\1\06-Sht-Detour-Stage4.dgn	DRAWN - GLD/RAH	REVISED -			8011	15-00431-01-PV	SANGAMON	96	33	
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	PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
NOTED	
DATE	

DATE	
BY	
PROFILER	
DESIGNED	
CHECKED	
NOTED	
DATE	

PROP. \bar{C} ARCHER ELEVATOR RD.
 CURVE-6 DATA
 PI STA. = 53+18.32
 Δ = 1° 27' 39" (LT)
 D = 0° 34' 23"
 R = 10,000.00'
 T = 127.49'
 L = 254.96'
 e = 0.81'
 e = N.C.
 $T.R.$ = N/A
 $S.E. RUN$ = N/A
 $P.C. STA$ = 51+90.83
 $P.T. STA$ = 54+45.79



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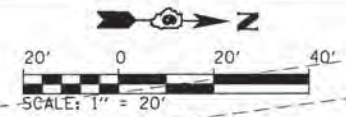
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**CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS**

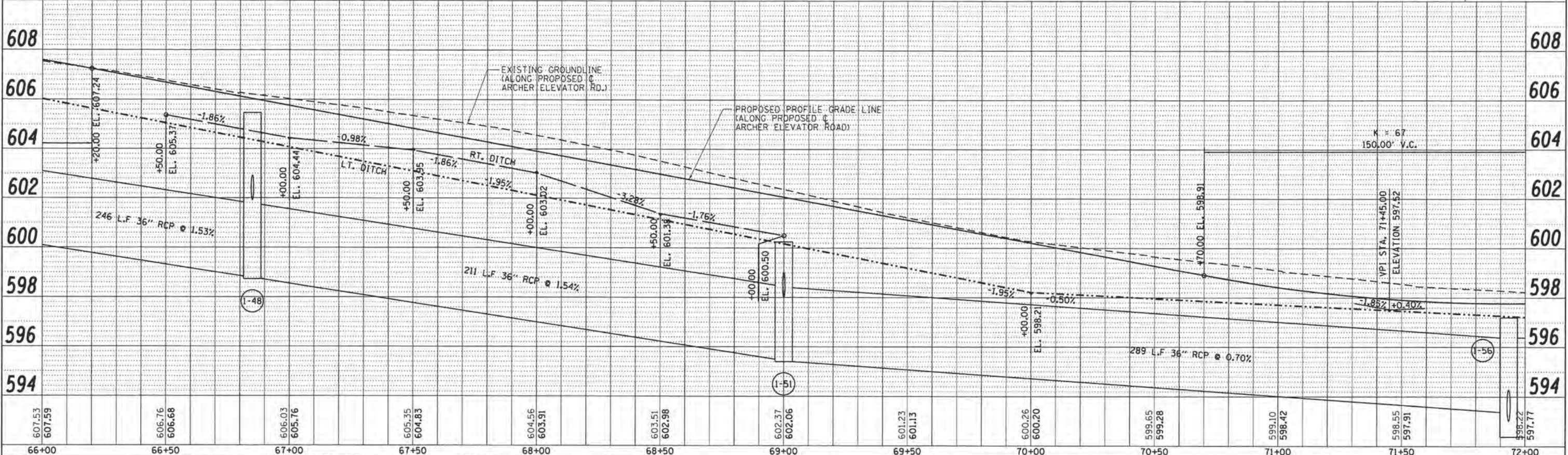
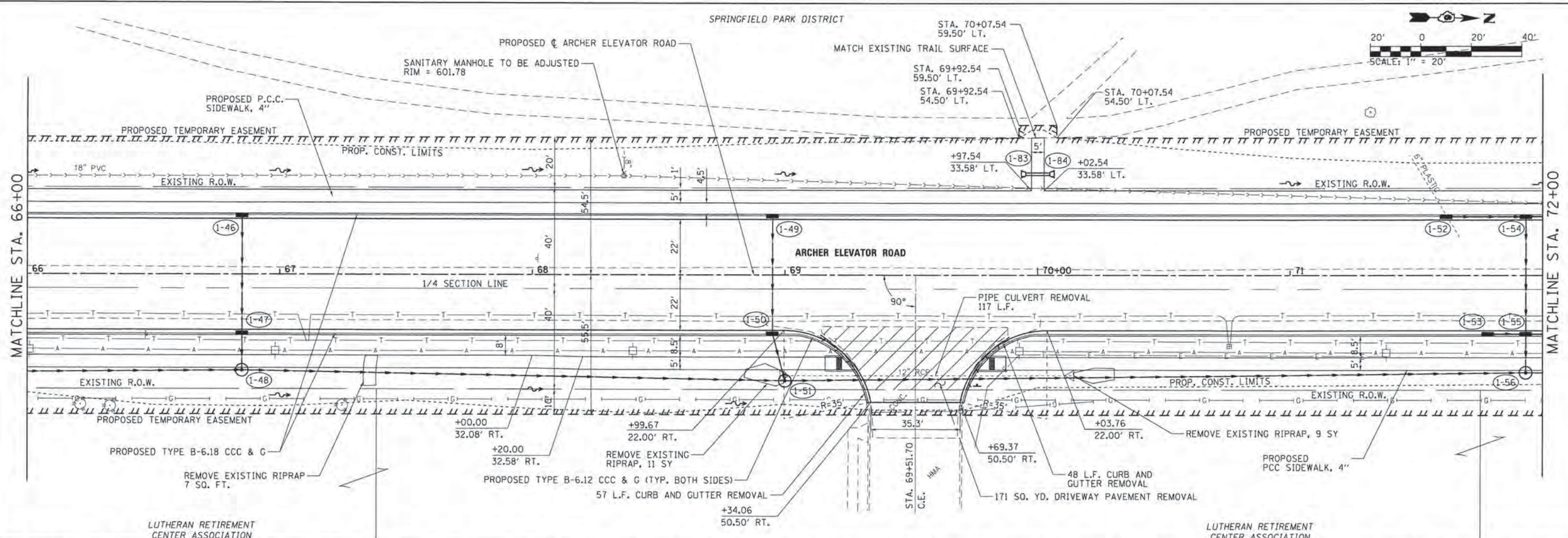
PLAN AND PROFILE
F.A.U. 8011 (ARCHER ELEVATOR ROAD)
 SCALE: 1"=20' SHEET NO. OF SHEETS STA. 54+00 TO STA. 60+00

F.A.U. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 35
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 93668	

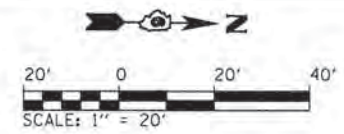


DATE	
BY	
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NO. OF SHEETS	

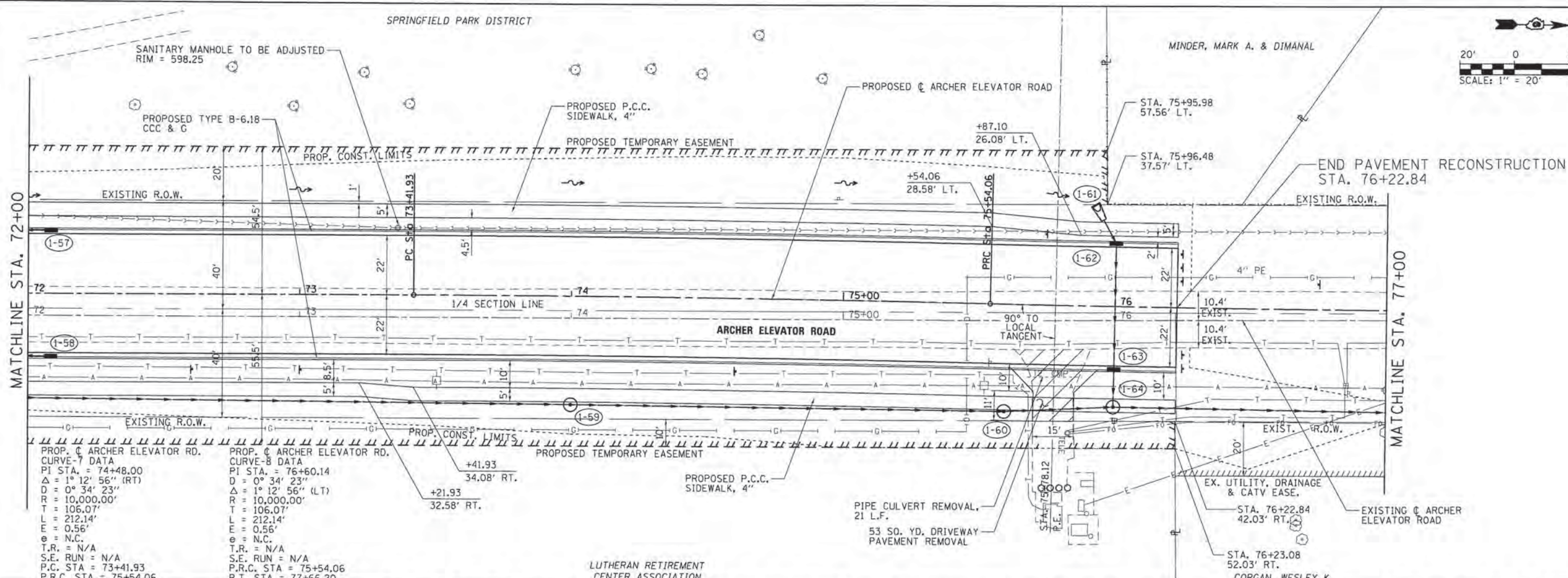
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NO. OF SHEETS	



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	<p align="center">CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS</p> <p align="center">PLAN AND PROFILE F.A.U. 8011 (ARCHER ELEVATOR ROAD)</p>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\06-Sht_PNP_Archer_812.dgn		DRAWN - GLD/RAH	REVISED -		8011	15-00431-01-PV	SANGAMON	96	37
		CHECKED - KLT	REVISED -		CONTRACT NO. 93668				
		DATE - MARCH 1, 2016	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



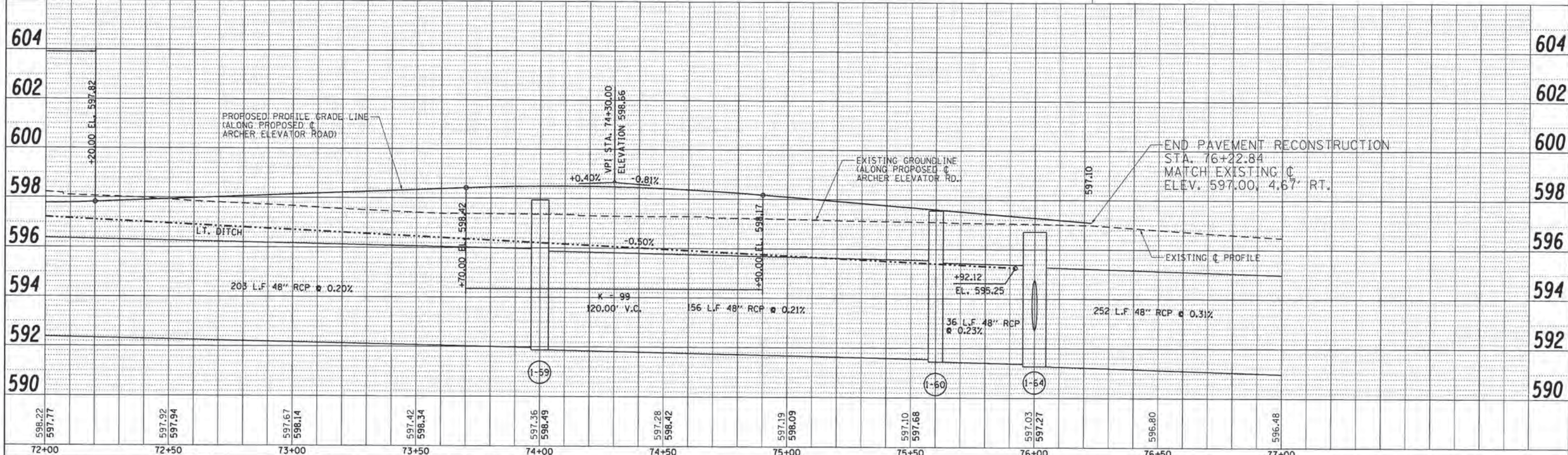
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	CHECKED	
	RT. OF WAY CHECKED	
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	NO. OF WAY CHECKED	



PROP. C ARCHER ELEVATOR RD.
 CURVE-A DATA
 PI STA. = 74+48.00
 $\Delta = 1^\circ 12' 56''$ (RT)
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $T = 106.07'$
 $L = 212.14'$
 $E = 0.56'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.C. STA = 73+41.93$
 $P.R.C. STA = 75+54.06$

PROP. C ARCHER ELEVATOR RD.
 CURVE-B DATA
 PI STA. = 76+60.14
 $\Delta = 0^\circ 34' 23''$
 $D = 1^\circ 12' 56''$ (LT)
 $R = 10,000.00'$
 $T = 106.07'$
 $L = 212.14'$
 $E = 0.56'$
 $e = N.C.$
 $T.R. = N/A$
 $S.E. RUN = N/A$
 $P.R.C. STA = 75+54.06$
 $P.T. STA = 77+66.20$

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	RT. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	NO. OF WAY CHECKED	



598.22	597.77	597.92	597.94	597.67	598.14	597.42	598.34	597.36	598.49	597.28	598.42	597.19	598.09	597.10	597.68	597.03	597.27	596.80	596.48
72+00	72+50	73+00	73+50	74+00	74+50	75+00	75+50	76+00	76+50	77+00									

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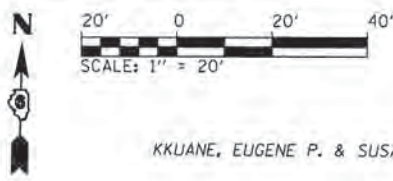
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**CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS**

**PLAN AND PROFILE
 F.A.U. 8011 (ARCHER ELEVATOR ROAD)**
 SCALE: 1"=20'
 SHEET NO. OF SHEETS STA. 72+00 TO STA. 77+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	38
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 93668



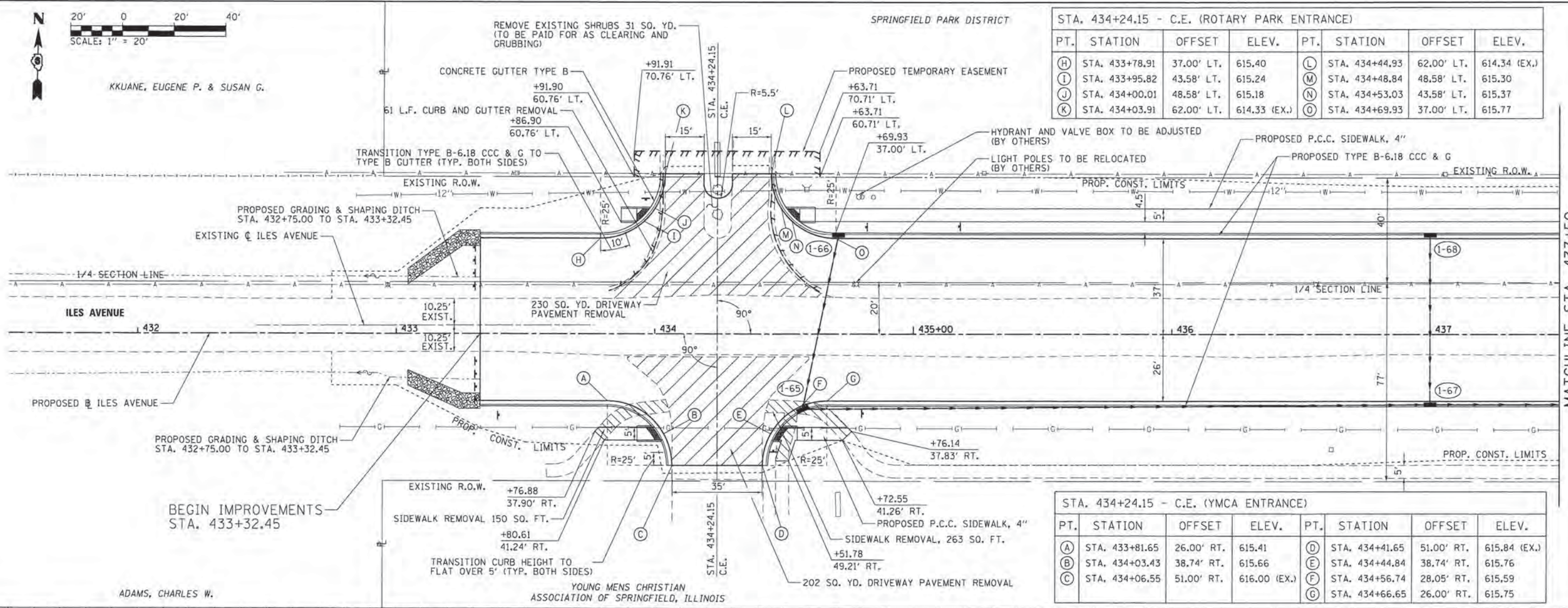
KKUANE, EUGENE P. & SUSAN G.

SPRINGFIELD PARK DISTRICT

STA. 434+24.15 - C.E. (ROTARY PARK ENTRANCE)							
PT.	STATION	OFFSET	ELEV.	PT.	STATION	OFFSET	ELEV.
(H)	STA. 433+78.91	37.00' LT.	615.40	(L)	STA. 434+44.93	62.00' LT.	614.34 (EX.)
(I)	STA. 433+95.82	43.58' LT.	615.24	(M)	STA. 434+48.84	48.58' LT.	615.30
(J)	STA. 434+00.01	48.58' LT.	615.18	(N)	STA. 434+53.03	43.58' LT.	615.37
(K)	STA. 434+03.91	62.00' LT.	614.33 (EX.)	(O)	STA. 434+69.93	37.00' LT.	615.77

DATE	
BY	
SURVEYED	
PLANNED	
NOTED	
NO.	

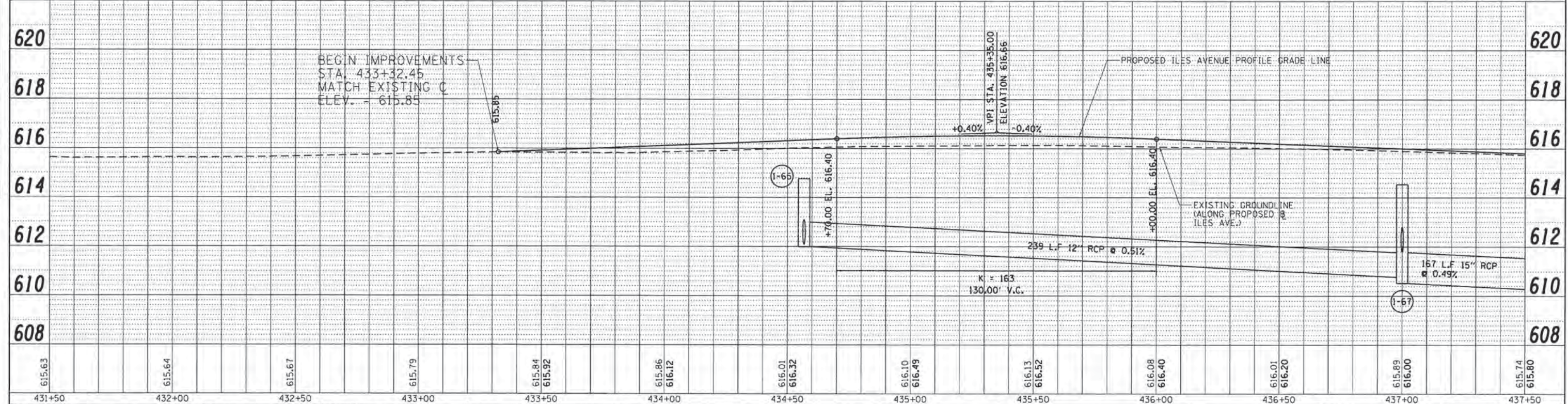
DATE	
BY	
SURVEYED	
PLANNED	
NOTED	
NO.	



ADAMS, CHARLES W.

YOUNG MEN'S CHRISTIAN ASSOCIATION OF SPRINGFIELD, ILLINOIS

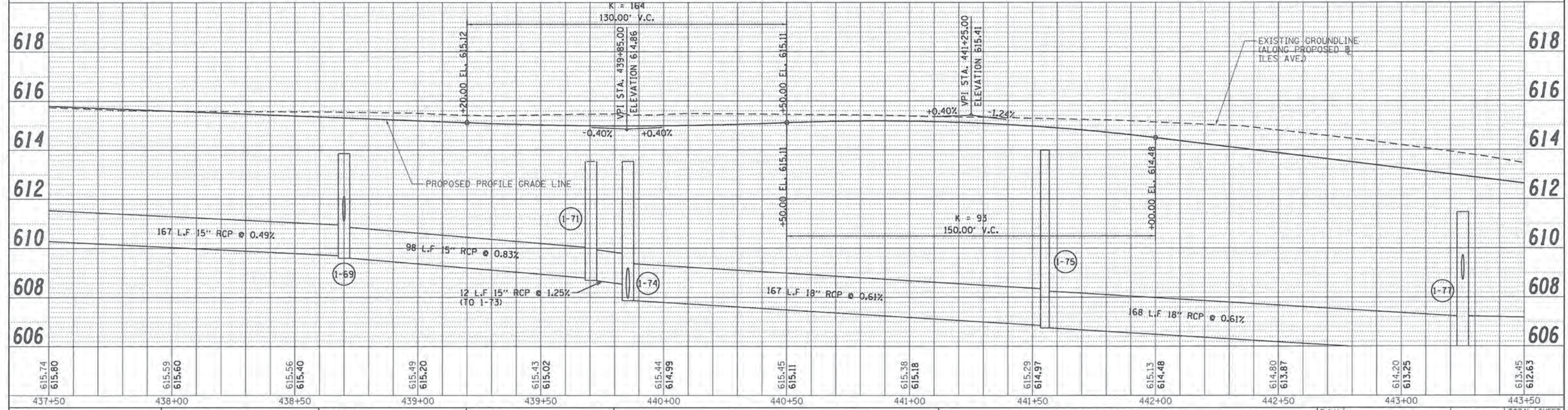
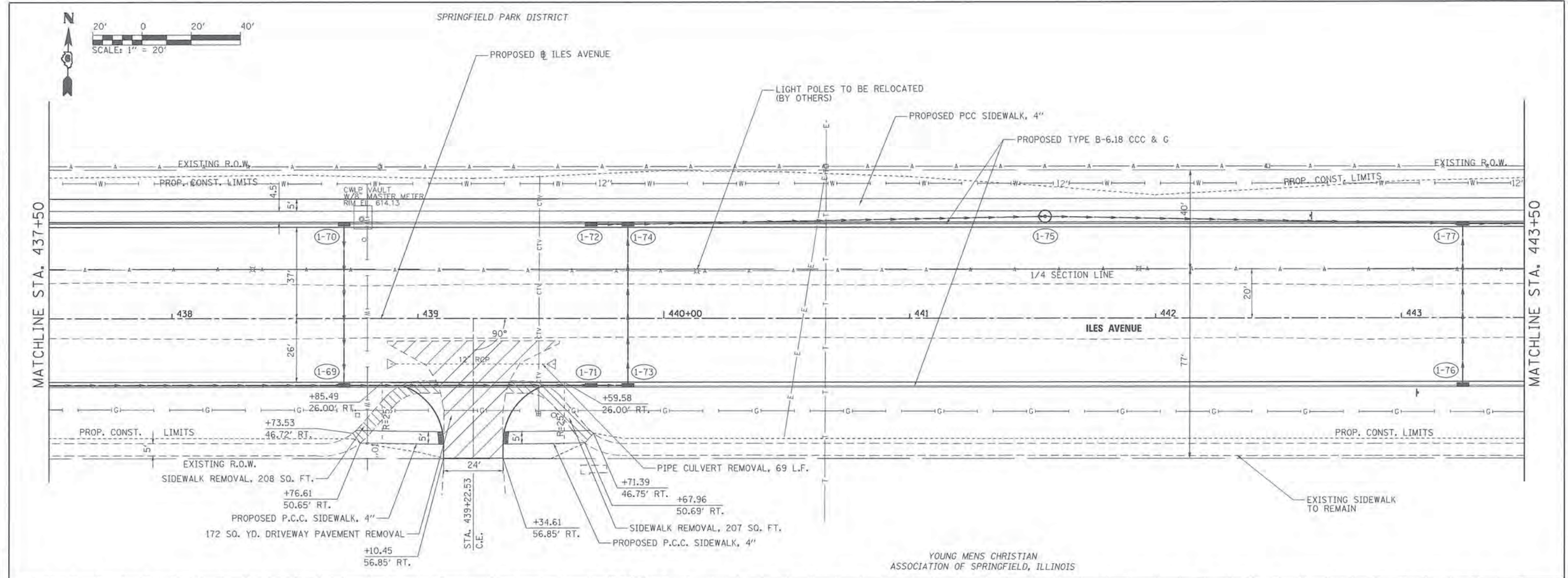
STA. 434+24.15 - C.E. (YMCA ENTRANCE)							
PT.	STATION	OFFSET	ELEV.	PT.	STATION	OFFSET	ELEV.
(A)	STA. 433+81.65	26.00' RT.	615.41	(D)	STA. 434+41.65	51.00' RT.	615.84 (EX.)
(B)	STA. 434+03.43	38.74' RT.	615.66	(E)	STA. 434+44.84	38.74' RT.	615.76
(C)	STA. 434+06.55	51.00' RT.	616.00 (EX.)	(F)	STA. 434+56.74	28.05' RT.	615.59
				(G)	STA. 434+66.65	26.00' RT.	615.75



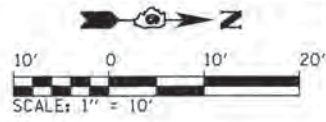
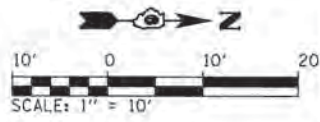
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PLOT SCALE = 20,000' / in.	CHECKED - KLT	REVISIONS	FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISIONS	CONTRACT NO. 93668							

PLAN	SUBMITTED	DATE
NOTE BOOK	PLOTTED	
NO.	CHECKED	
	AT	
	FOR	
	BY	
	FILE NAME	

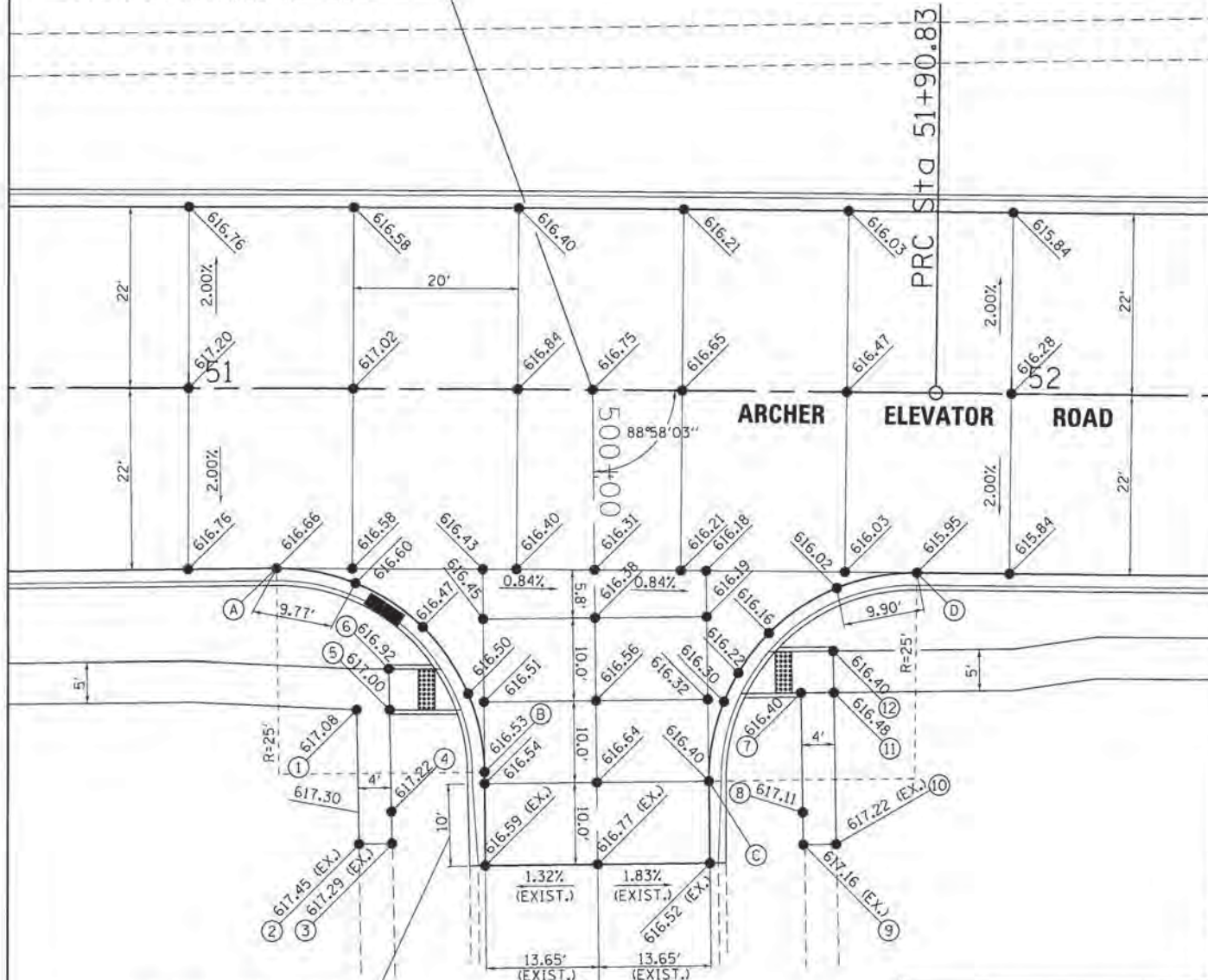
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	FILE NAME	



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED = KLT	REVISED =	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	PLAN AND PROFILE F.A.U. 8047A (ILES AVENUE)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...\\06-Sht_PNP_ILES_002.dgn	PLOT SCALE = 20.0000' / 1" in.	CHECKED = KLT	REVISED =			8011	15-00431-01-PV	SANGAMON	96	41	
PLOT DATE = 2/29/2016	DATE = MARCH 1, 2016	REVISED =	REVISED =			CONTRACT NO. 93668					
						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					



STA. 51+49.09 PROP. C ARCHER ELEVATOR RD.
 STA. 500+00 PROP. C LAVENDER LANE

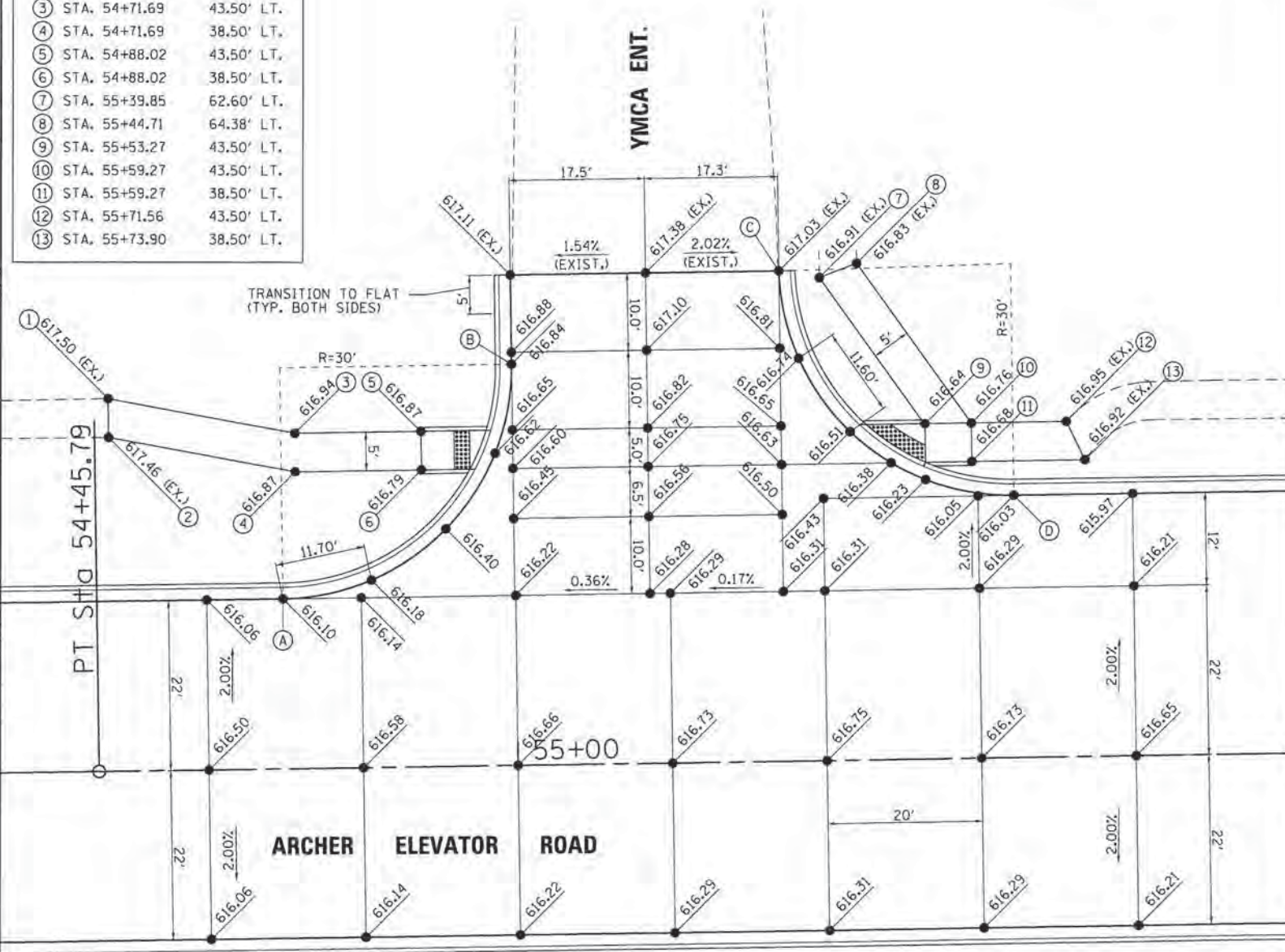


TRANSITION TYPE B-6.18 CCC & G
 TO MATCH EXISTING V-GUTTER
 (TYP. BOTH SIDES)

PR RADIUS POINTS	
STATION	OFFSET
(A) STA. 51+10.77	22.00' RT.
(B) STA. 51+36.25	46.67' RT.
(C) STA. 51+63.65	47.58' RT.
(D) STA. 51+88.76	20.00' RT.

PR SIDEWALK POINTS	
STATION	OFFSET
(1) STA. 51+20.60	39.09' RT.
(2) STA. 51+20.97	55.51' RT.
(3) STA. 51+24.99	55.41' RT.
(4) STA. 51+24.90	51.52' RT.
(5) STA. 51+24.61	39.08' RT.
(6) STA. 51+24.50	34.08' RT.
(7) STA. 51+74.79	36.69' RT.
(8) STA. 51+75.15	51.29' RT.
(9) STA. 51+75.25	55.22' RT.
(10) STA. 51+79.27	55.12' RT.
(11) STA. 51+78.80	36.60' RT.
(12) STA. 51+78.67	31.61' RT.

PR SIDEWALK POINTS	
STATION	OFFSET
(1) STA. 54+47.62	48.33' LT.
(2) STA. 54+47.60	43.31' LT.
(3) STA. 54+71.69	43.50' LT.
(4) STA. 54+71.69	38.50' LT.
(5) STA. 54+88.02	43.50' LT.
(6) STA. 54+88.02	38.50' LT.
(7) STA. 55+39.85	62.60' LT.
(8) STA. 55+44.71	64.38' LT.
(9) STA. 55+53.27	43.50' LT.
(10) STA. 55+59.27	43.50' LT.
(11) STA. 55+59.27	38.50' LT.
(12) STA. 55+71.56	43.50' LT.
(13) STA. 55+73.90	38.50' LT.



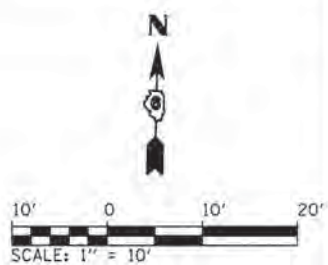
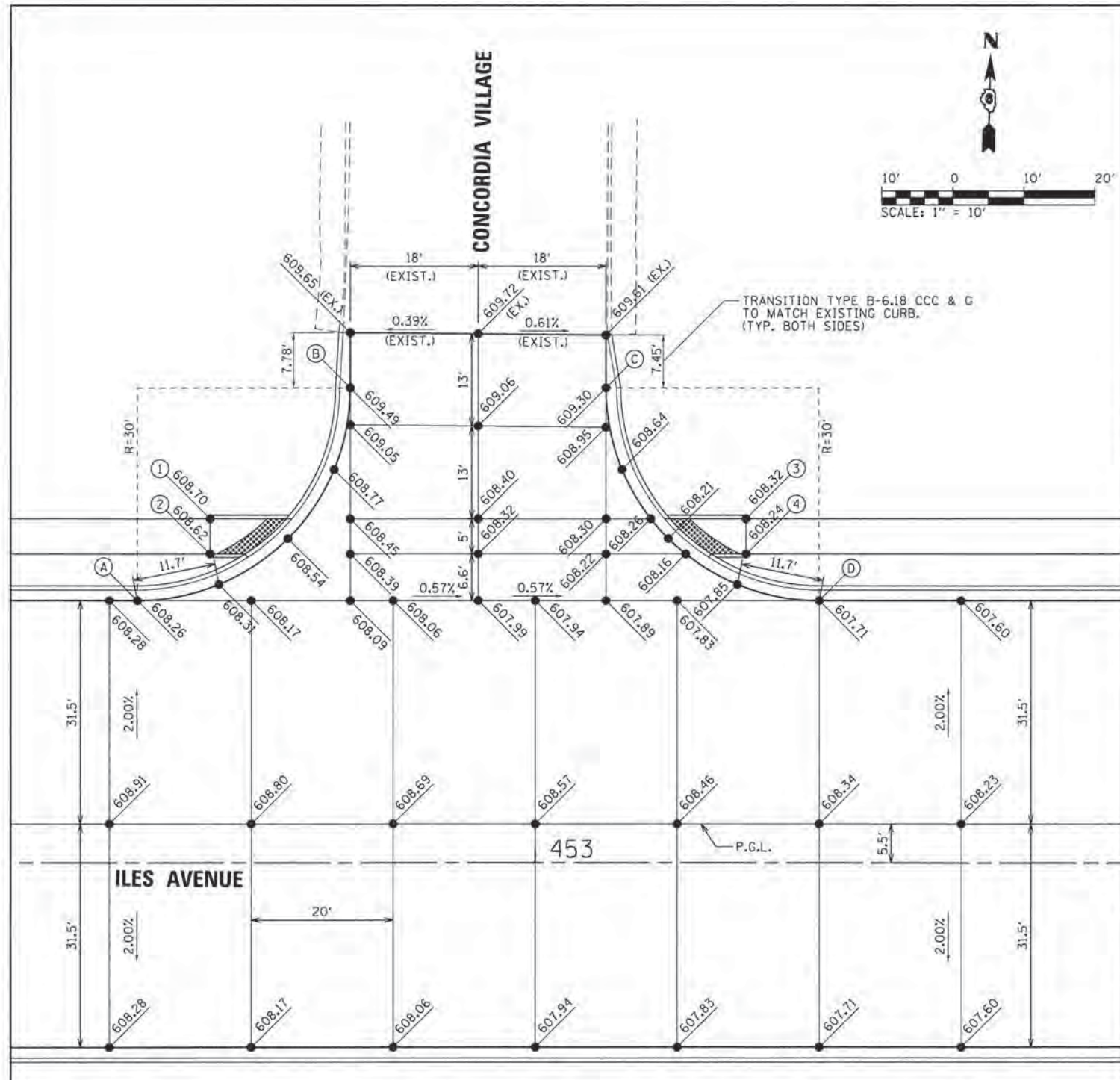
PR RADIUS POINTS	
STATION	OFFSET
(A) STA. 54+69.87	22.00' LT.
(B) STA. 54+99.87	52.00' LT.
(C) STA. 55+34.63	63.55' LT.
(D) STA. 55+64.63	34.00' LT.

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - BB	REVISED -
L:\Springfield\07250\Draw\Sheets\Contr\1\DS-Shr_Indet_L.dgn		DRAWN - BB	REVISED -
PLT SCALE = 10.0000 1/2 in.		CHECKED - KLT	REVISED -
PLT DATE = 2/26/2016		DATE - MARCH 1, 2016	REVISED -

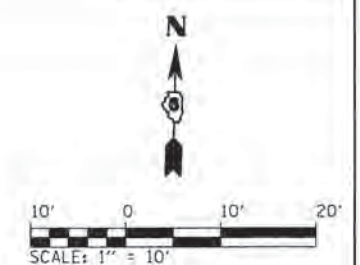
**CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS**

INTERSECTION DETAILS ARCHER ELEVATOR ROAD			
SCALE: 1" = 10'	SHEET NO.	OF SHEETS	STA. TO STA.

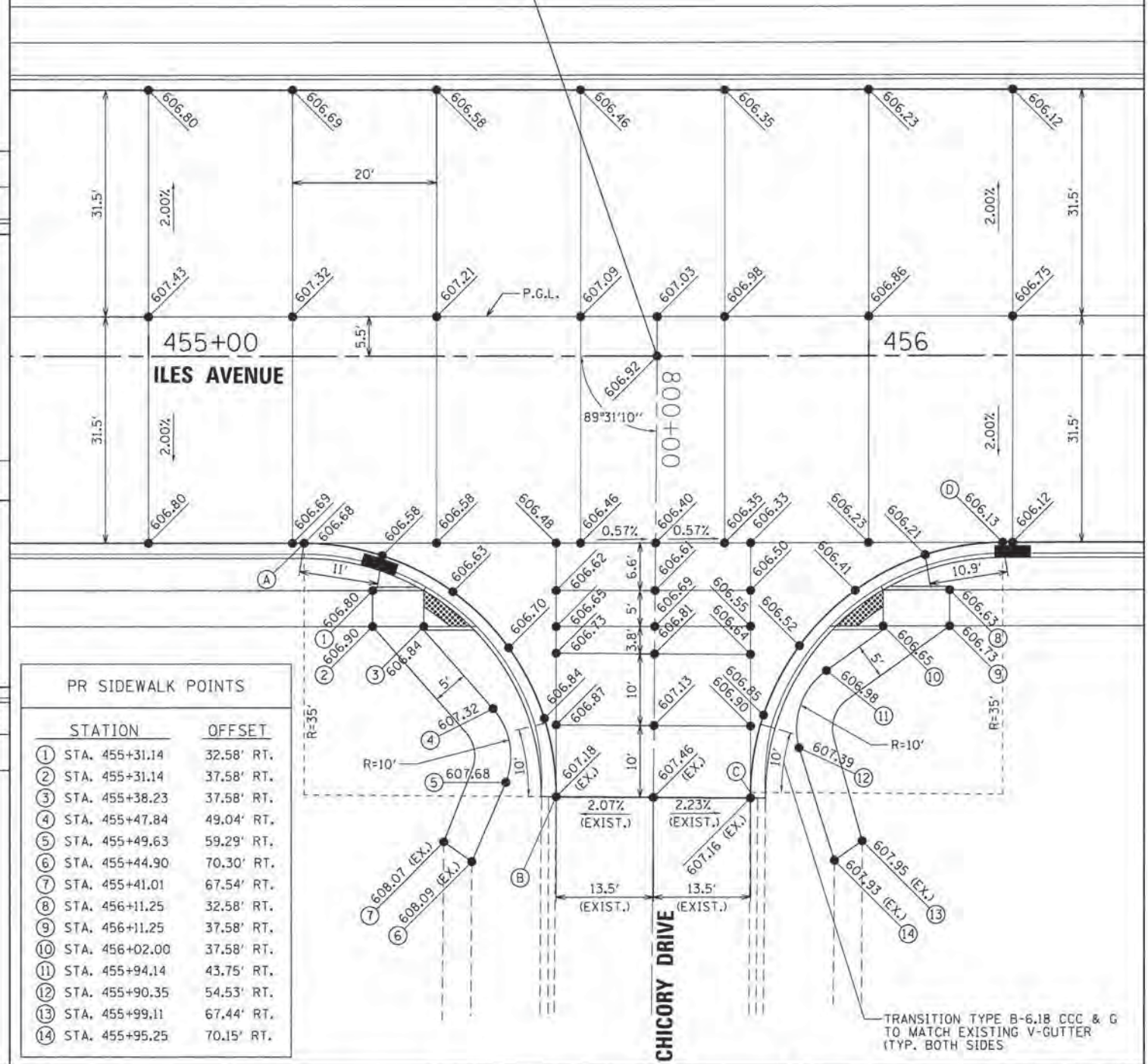
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	45
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 93668		



PR RADIUS POINTS	
STATION	OFFSET
(A) STA. 455+21.61	26.00' RT.
(B) STA. 455+56.61	61.29' RT.
(C) STA. 455+83.62	60.71' RT.
(D) STA. 456+18.62	26.00' RT.



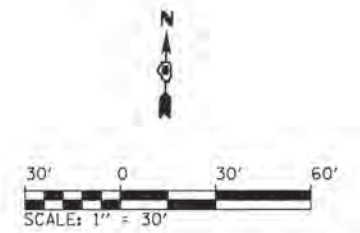
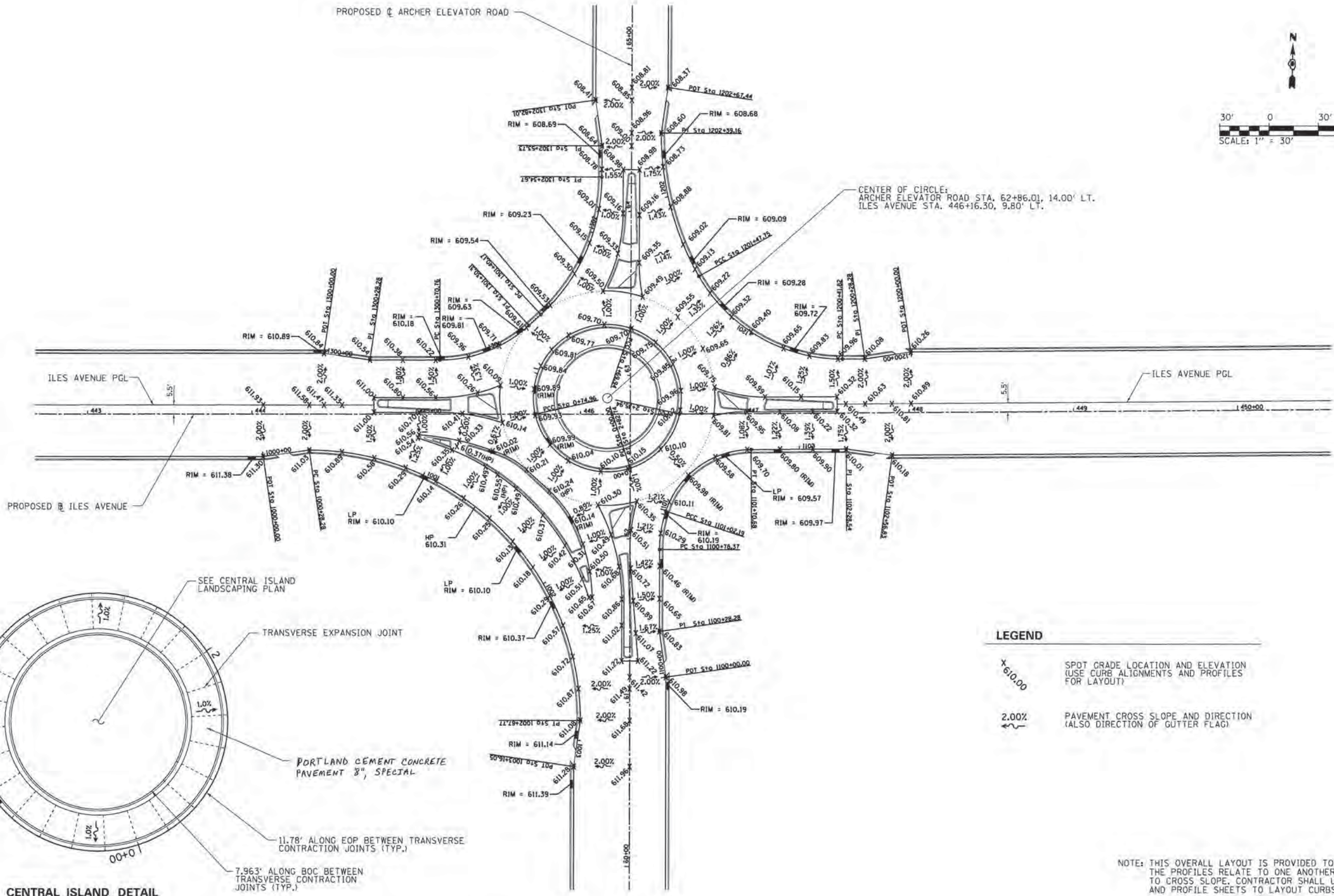
STA. 455+70.25 PROP. B ILES AVENUE =
STA. 800+00 EXIST. C CHICORY DRIVE



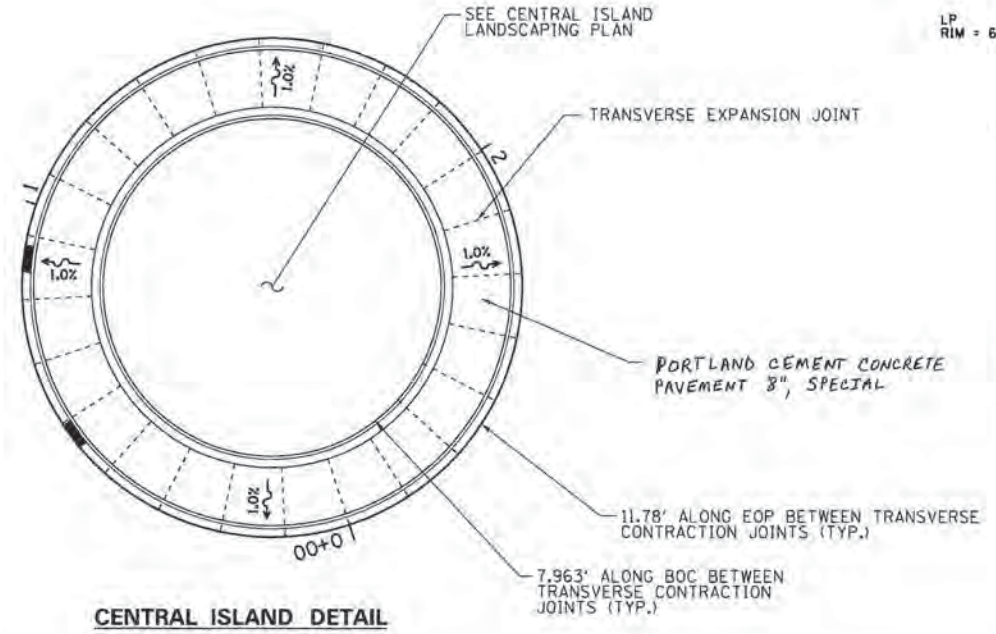
PR SIDEWALK POINTS	
STATION	OFFSET
(1) STA. 455+31.14	32.58' RT.
(2) STA. 455+31.14	37.58' RT.
(3) STA. 455+38.23	37.58' RT.
(4) STA. 455+47.84	49.04' RT.
(5) STA. 455+49.63	59.29' RT.
(6) STA. 455+44.90	70.30' RT.
(7) STA. 455+41.01	67.54' RT.
(8) STA. 456+11.25	32.58' RT.
(9) STA. 456+11.25	37.58' RT.
(10) STA. 456+02.00	37.58' RT.
(11) STA. 455+94.14	43.75' RT.
(12) STA. 455+90.35	54.53' RT.
(13) STA. 455+99.11	67.44' RT.
(14) STA. 455+95.25	70.15' RT.

PR RADIUS POINTS	
STATION	OFFSET
(A) STA. 452+43.97	37.00' LT.
(B) STA. 452+73.97	67.00' LT.
(C) STA. 453+09.97	67.00' LT.
(D) STA. 453+39.97	37.00' LT.

PR SIDEWALK POINTS	
STATION	OFFSET
(1) STA. 452+54.21	48.58' LT.
(2) STA. 452+54.21	43.58' LT.
(3) STA. 453+29.72	48.58' LT.
(4) STA. 453+29.72	43.58' LT.



CENTER OF CIRCLE:
 ARCHER ELEVATOR ROAD STA. 62+86.01, 14.00' LT.
 ILES AVENUE STA. 446+16.30, 9.80' LT.



LEGEND

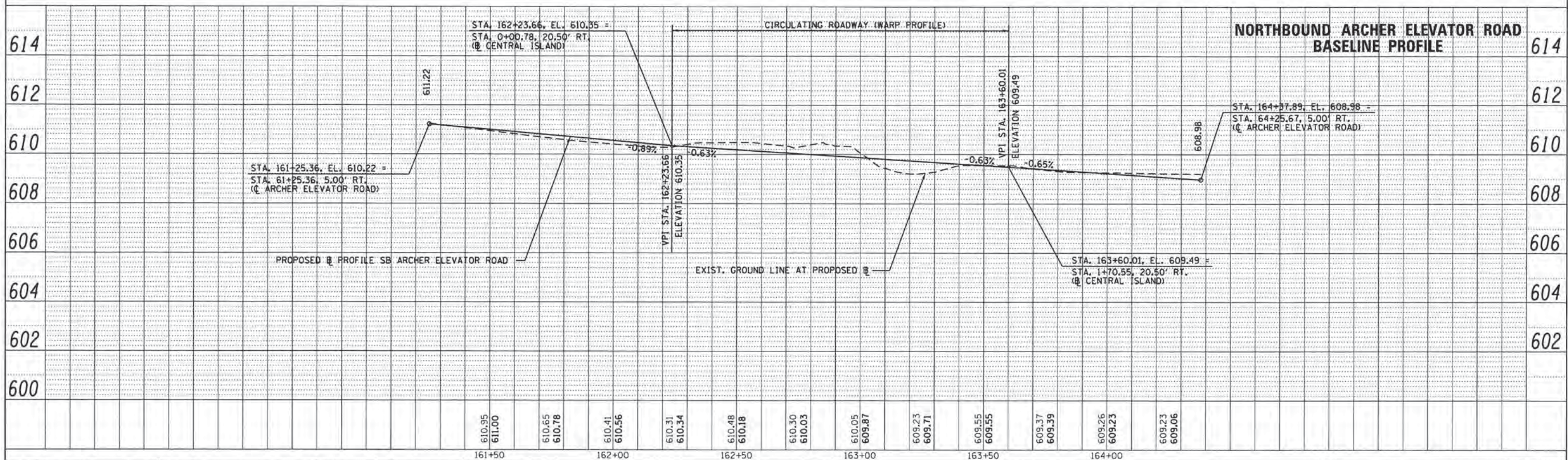
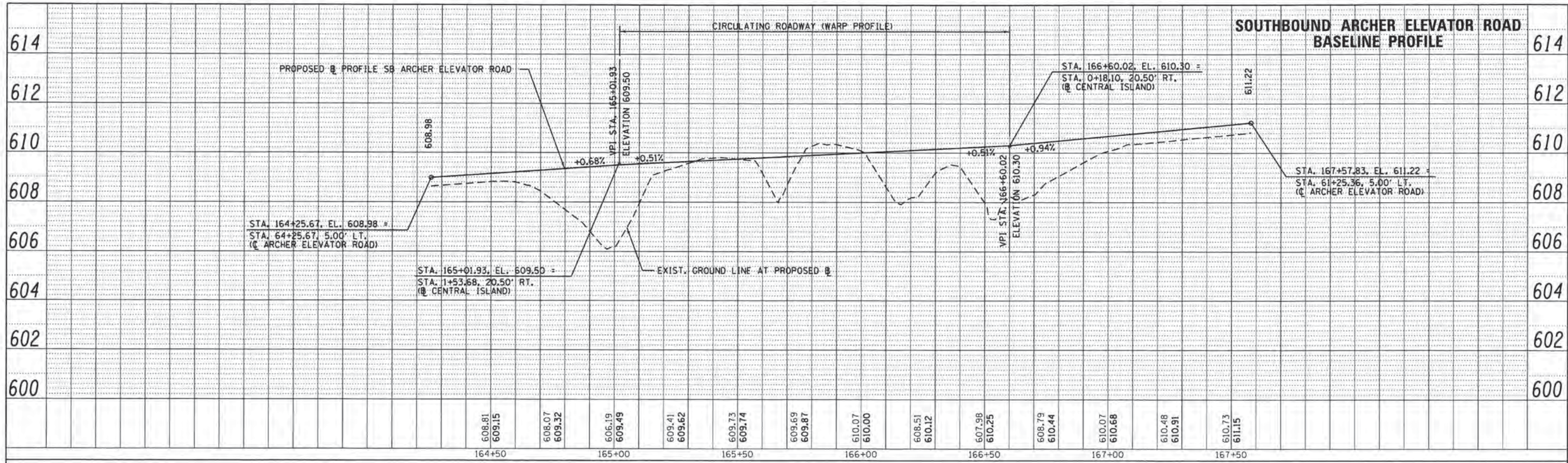
x 610.00	SPOT GRADE LOCATION AND ELEVATION (USE CURB ALIGNMENTS AND PROFILES FOR LAYOUT)
2.00%	PAVEMENT CROSS SLOPE AND DIRECTION (ALSO DIRECTION OF GUTTER FLAG)

NOTE: THIS OVERALL LAYOUT IS PROVIDED TO INDICATE HOW THE PROFILES RELATE TO ONE ANOTHER IN RELATION TO CROSS SLOPE. CONTRACTOR SHALL USE ALIGNMENTS AND PROFILE SHEETS TO LAYOUT CURBS.

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	INTERSECTION DETAILS ROUNDBOUT OVERALL LAYOUT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Springfield\0782581\Draw\Sheets\Cont...	post_1\06-Shs_IntDet_Roundabout.dgn	DRAWN - GLD/RAH	REVISED -		8011	15-00431-01-PV	SANGAMON	96	47			
	PLOT SCALE = 3/8"=1'-0"	CHECKED - KLT	REVISED -		CONTRACT NO. 93668							
	PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: 1"=30'	SHEET NO.	OF	SHEETS	STA.	TO	STA.		

PLAN	NO.	DATE
BY		
REVISION		
ADJUSTMENT		
CHECKED		
DATE		
NO.		

PROFILE	NO.	DATE
BY		
REVISION		
ADJUSTMENT		
CHECKED		
DATE		
NO.		



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -
Li:\Springfield\0702501\Draw\Sheets\Contract\1\VD6-Sht_Profile001-roundabout.dgn		DRAWN - GLD/RAH	REVISED -
Default	PLOT SCALE = 20.0000' / in.	CHECKED - KLT	REVISED -
	PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

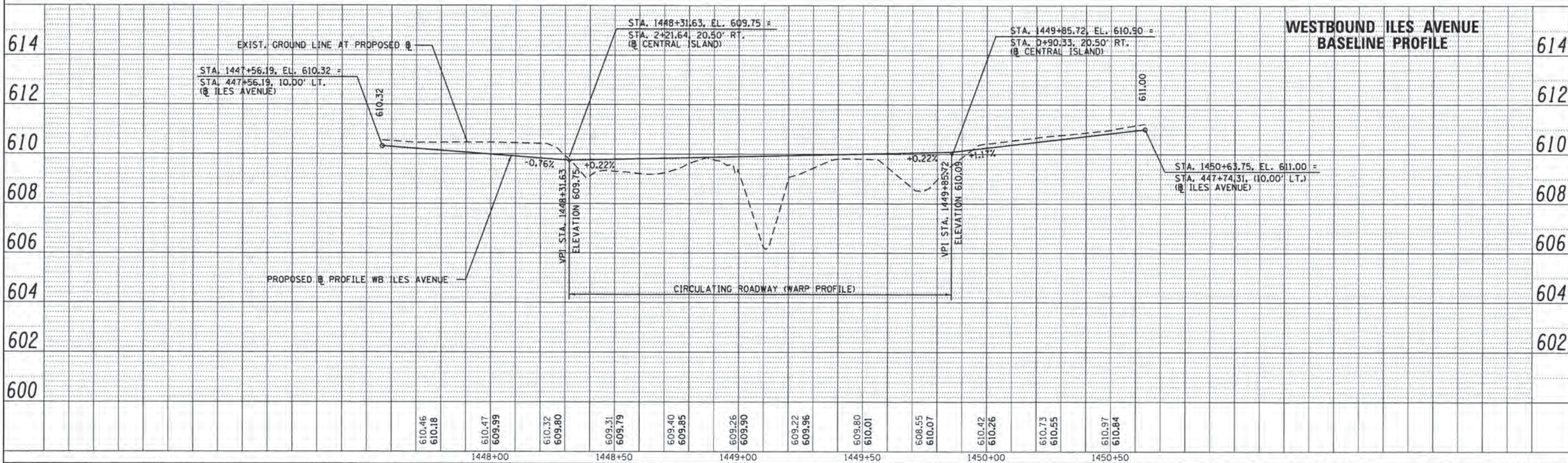
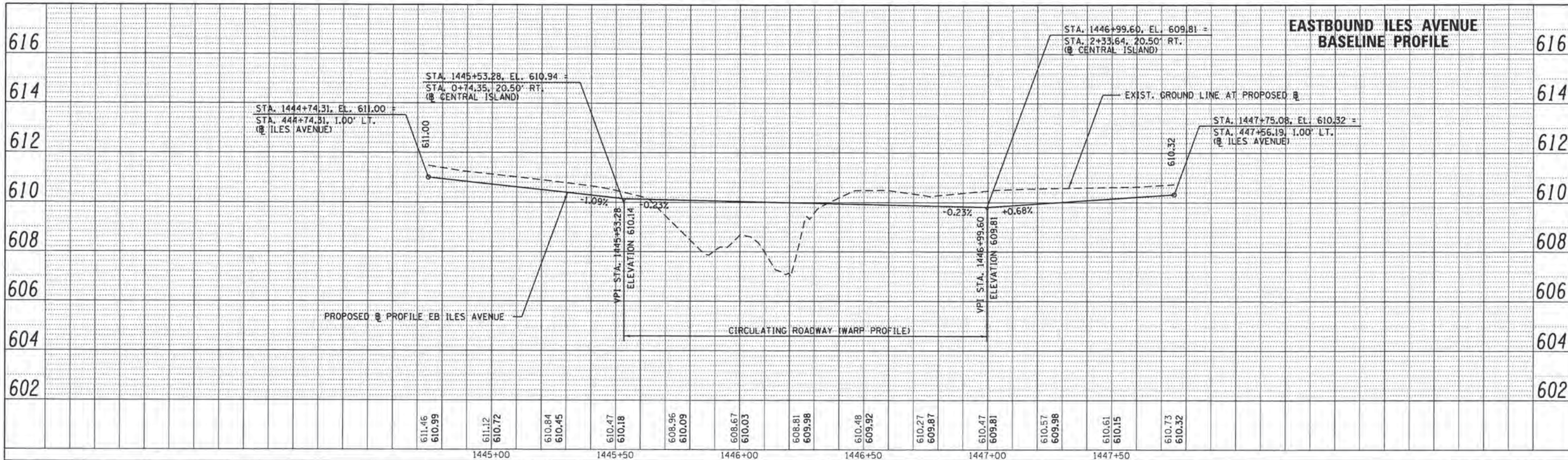
**ROUNDABOUT BASELINE PROFILES
ARCHER ELEVATOR ROAD**

SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	49
CONTRACT NO. 93668			ILLINOIS FED. AID PROJECT	

PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

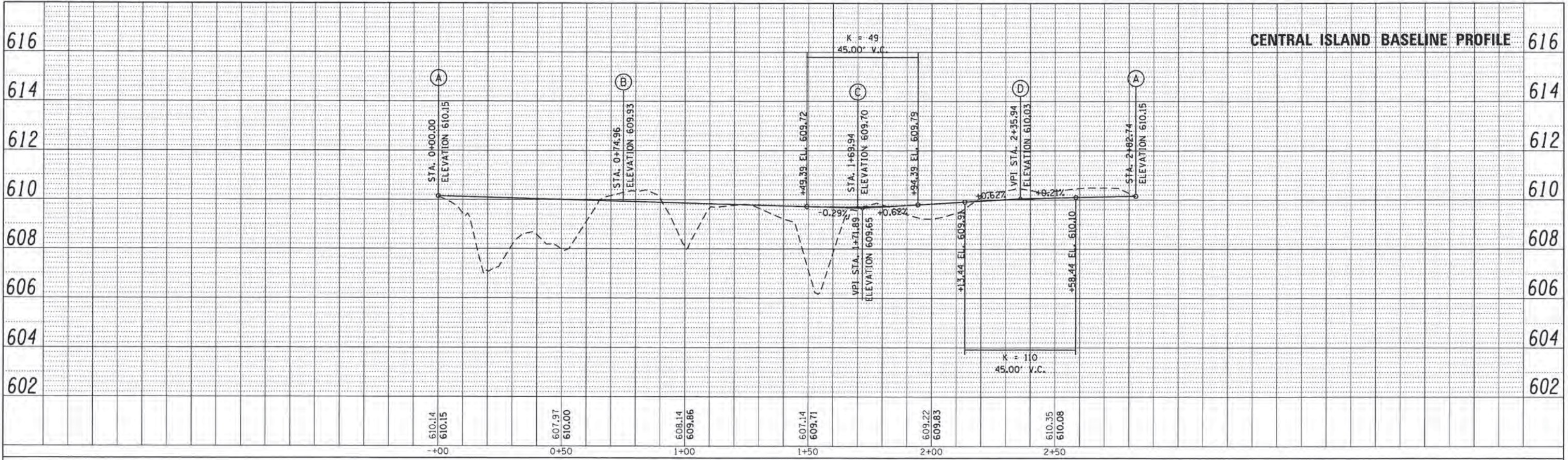
PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	ROUNDABOUT BASELINE PROFILES ARCHER ELEVATOR ROAD	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\Springfield\0702501\Draw\Sheets\Conte	t:\06-Sht_Prof\1e002-roundabout.dgn	DRAWN - GLO/RAH	REVISED -			8011	15-00431-01-PV	SANGAMON	96	50	
	PLOT SCALE = 20,0000 1/16 in.	CHECKED - KLT	REVISED -			CONTRACT NO. 93668					
Default	PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: 1" = 20'	SHEET	OF	SHEETS	STA.	TO

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. _____		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. _____		
	STRUCTURE NOTATIONS CHK'D		



CENTRAL ISLAND BASELINE PROFILE 616

616

614

612

610

608

606

604

602

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614

612

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608

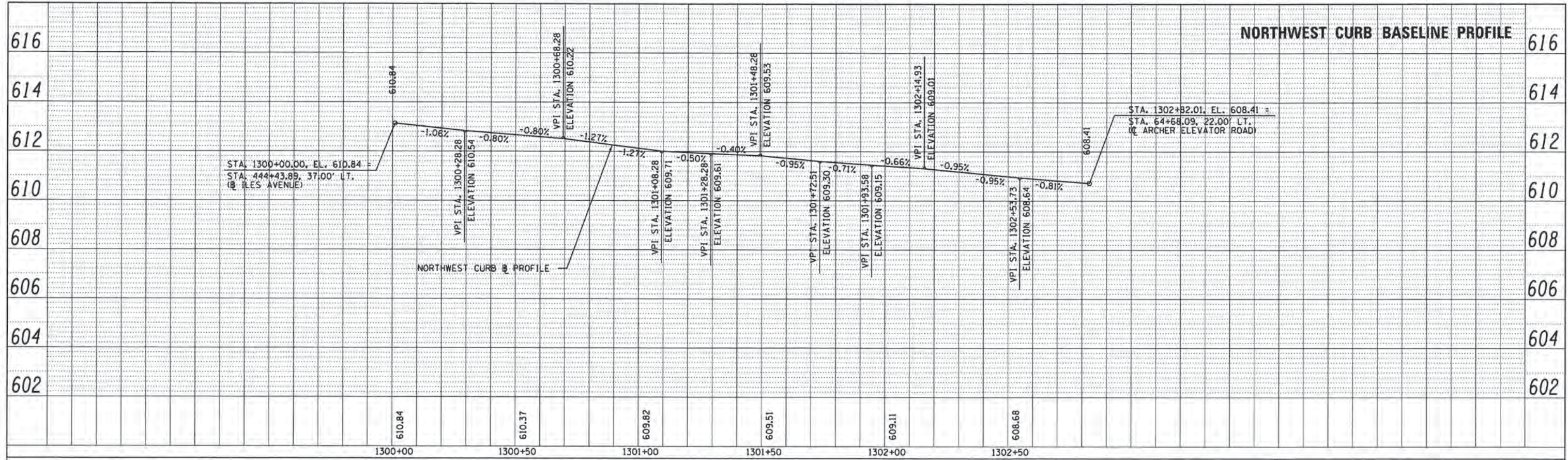
606

604

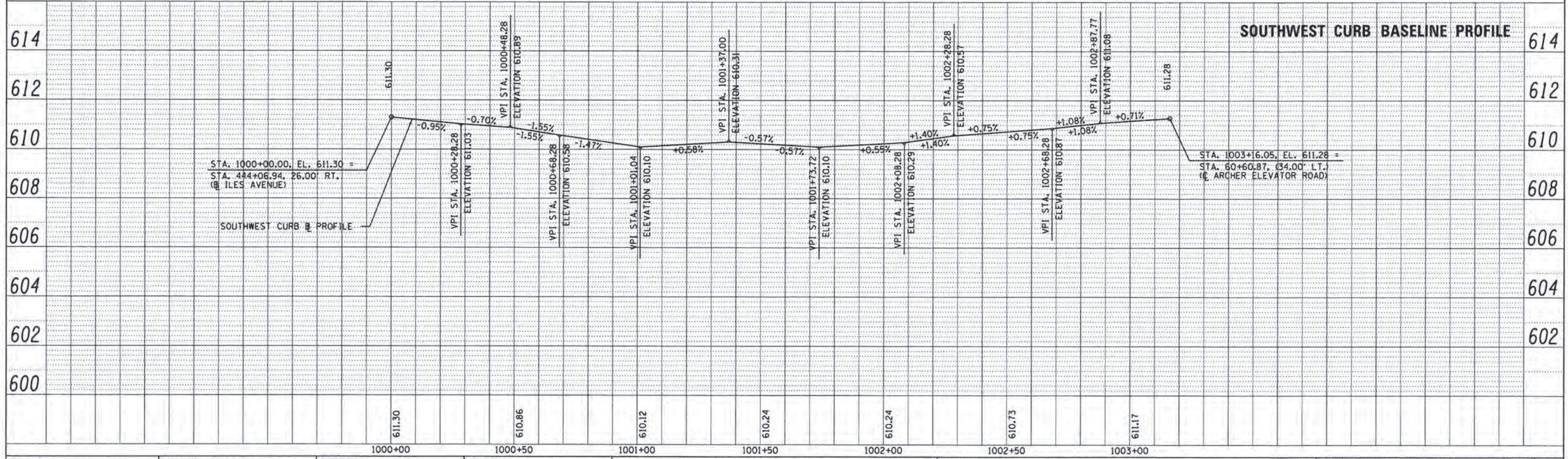
602

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	ROUNDABOUT BASELINE PROFILES ARCHER ELEVATOR ROAD	F.A.J. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Springfield\078250\Draw\Sheets\Contract\1\06-Sht_Profile003.roundabout.dgn	DRAWN - GLD/RAH	REVIS	REVISED -			8011	15-00431-01-PV	SANGAMON	96	51
PLOT SCALE = 20.0000 "/td> <td>CHECKED - KLT</td> <td>REVIS</td> <td>REVISED -</td> <td colspan="5">CONTRACT NO. 93668</td>	CHECKED - KLT	REVIS	REVISED -			CONTRACT NO. 93668				
PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVIS	REVISED -			ILLINOIS FED. AID PROJECT				
Default				SCALE: 1" = 20'	SHEET	OF	SHEETS	STA.	TO	STA.

PLAN	SUBMITTED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	DATE	
	BY	
	NO.	









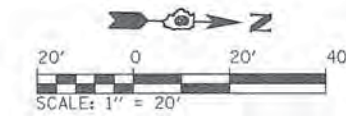
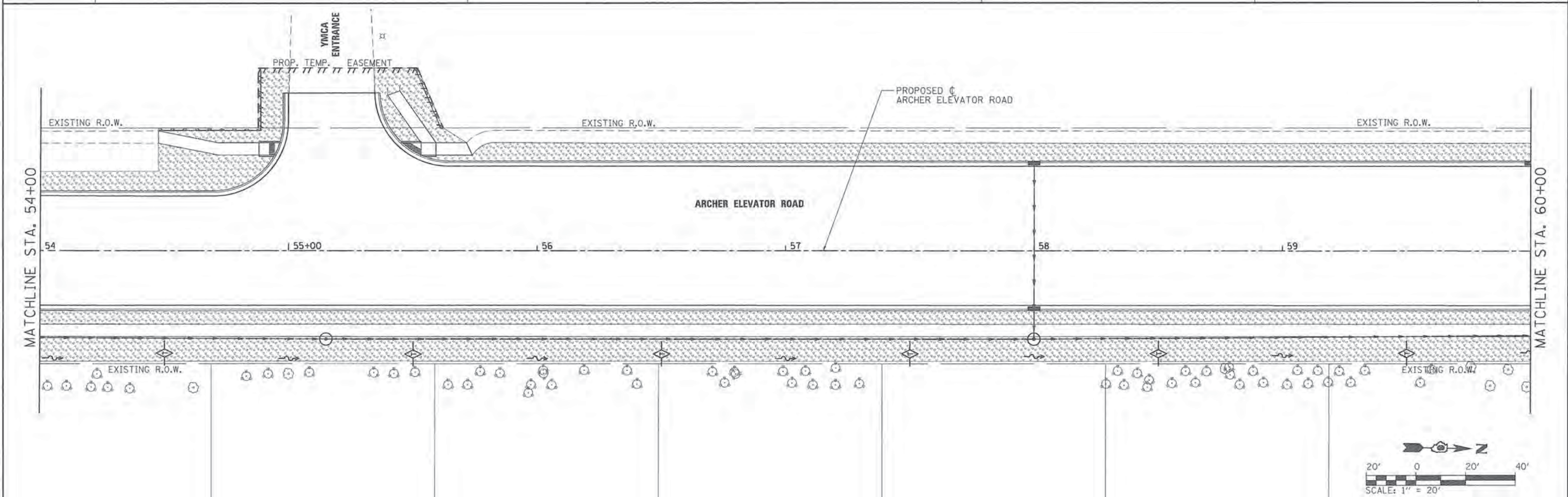
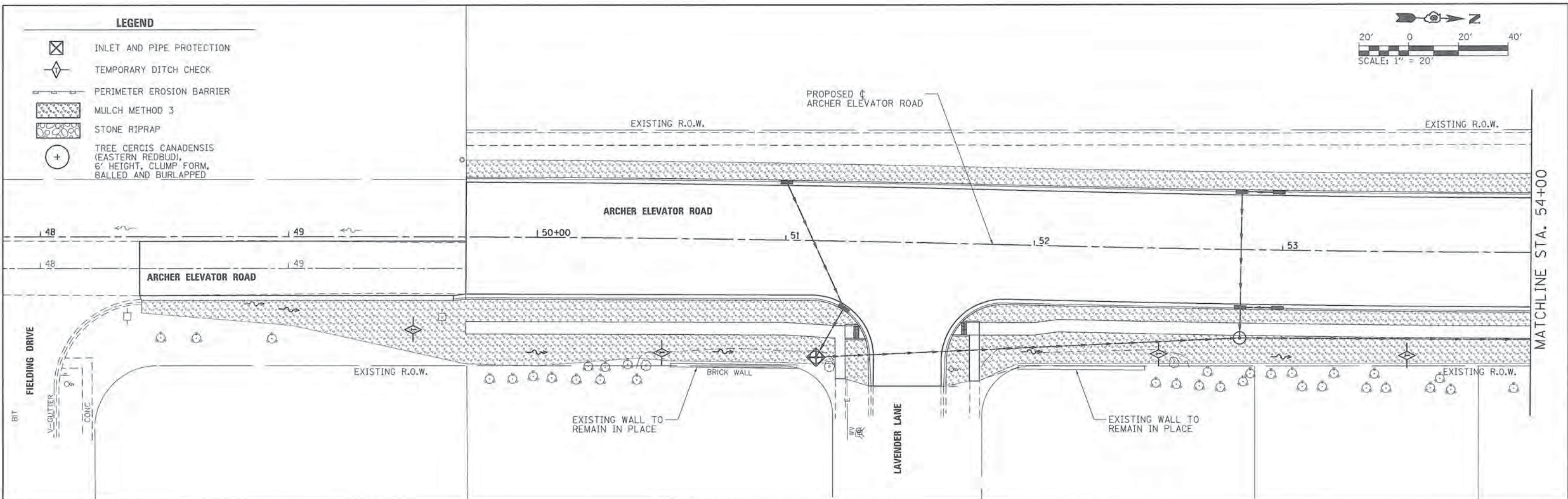
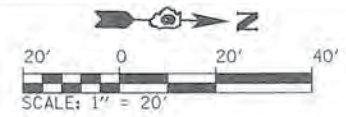
PROFILE	SUBMITTED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	



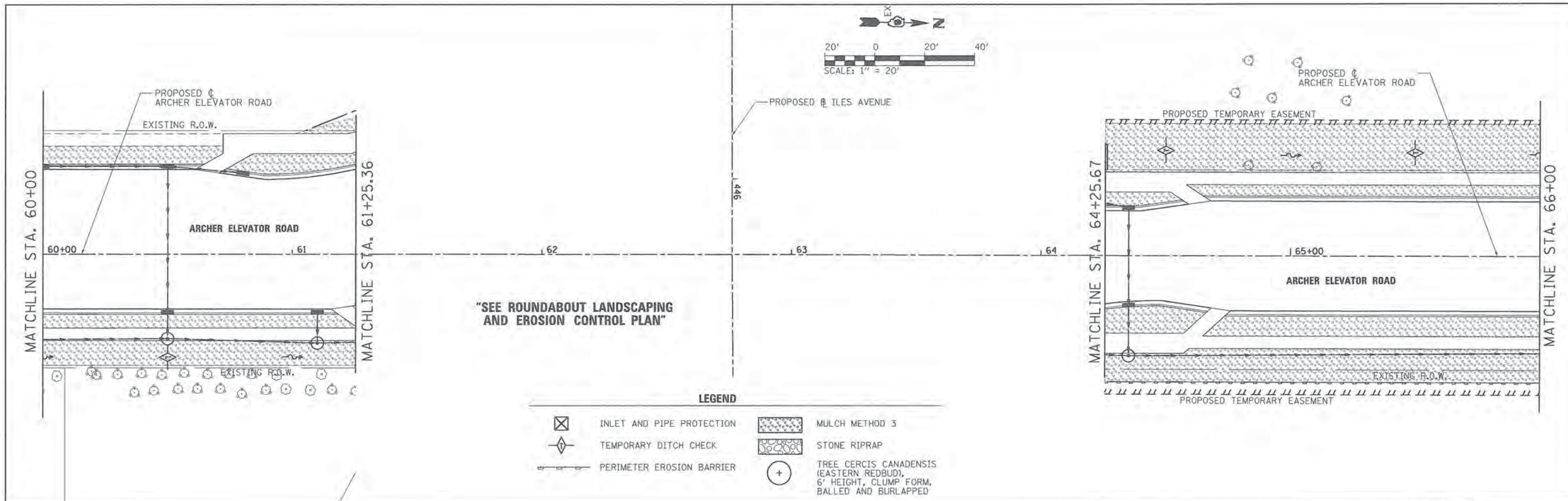
FILE NAME =	USER NAME = Kristin Trimmans	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	ROUNDABOUT BASELINE PROFILES ARCHER ELEVATOR ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Springfield\070250\Draw\Sheets\Contr...	t:\1\06-Sht_Profile004-roundabout.dgn	DRAWN - GLD/RAH	REVISED -		8011	15-00431-01-PV	SANGAMON	96	52		
Default	PLOT SCALE = 20,0000' / in.	CHECKED - KLT	REVISED -		CONTRACT NO. 93668						
	PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISED -		ILLINOIS FED. AID PROJECT						

LEGEND

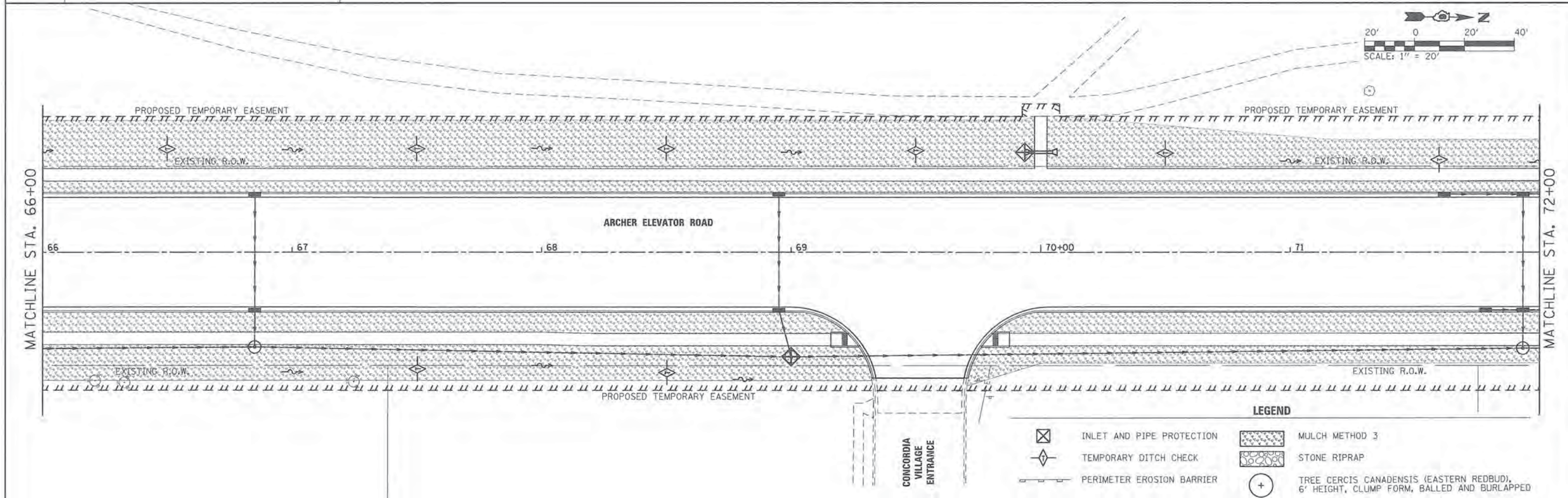
-  INLET AND PIPE PROTECTION
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  MULCH METHOD 3
-  STONE RIPRAP
-  TREE *CERCIS CANADENSIS* (EASTERN REDBUD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED



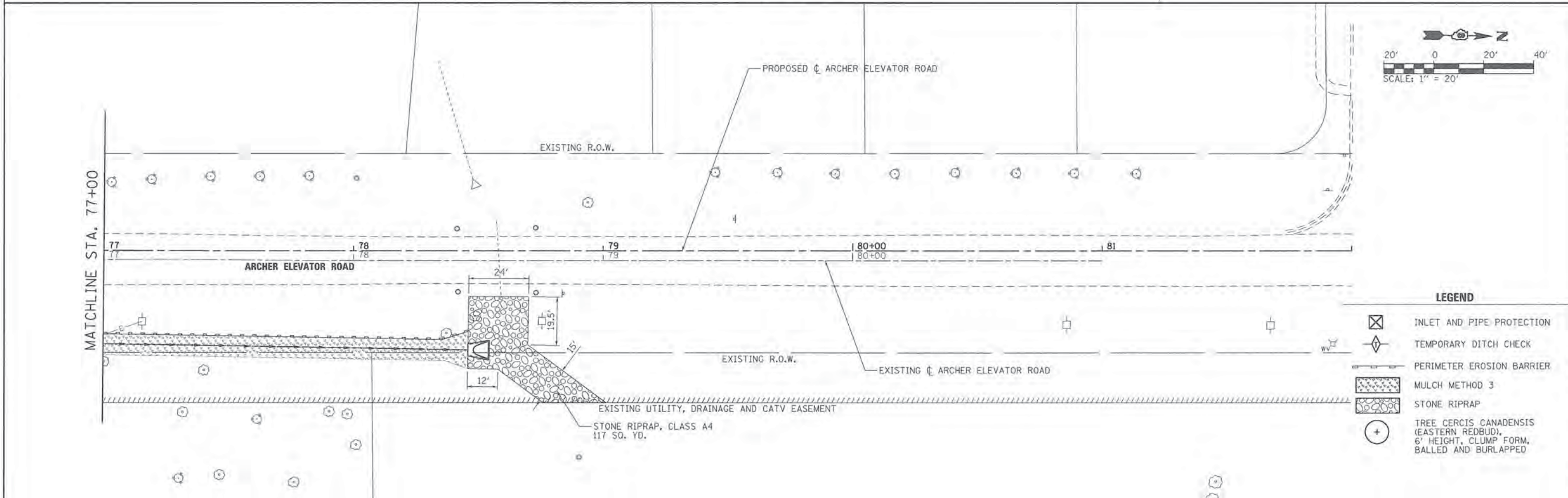
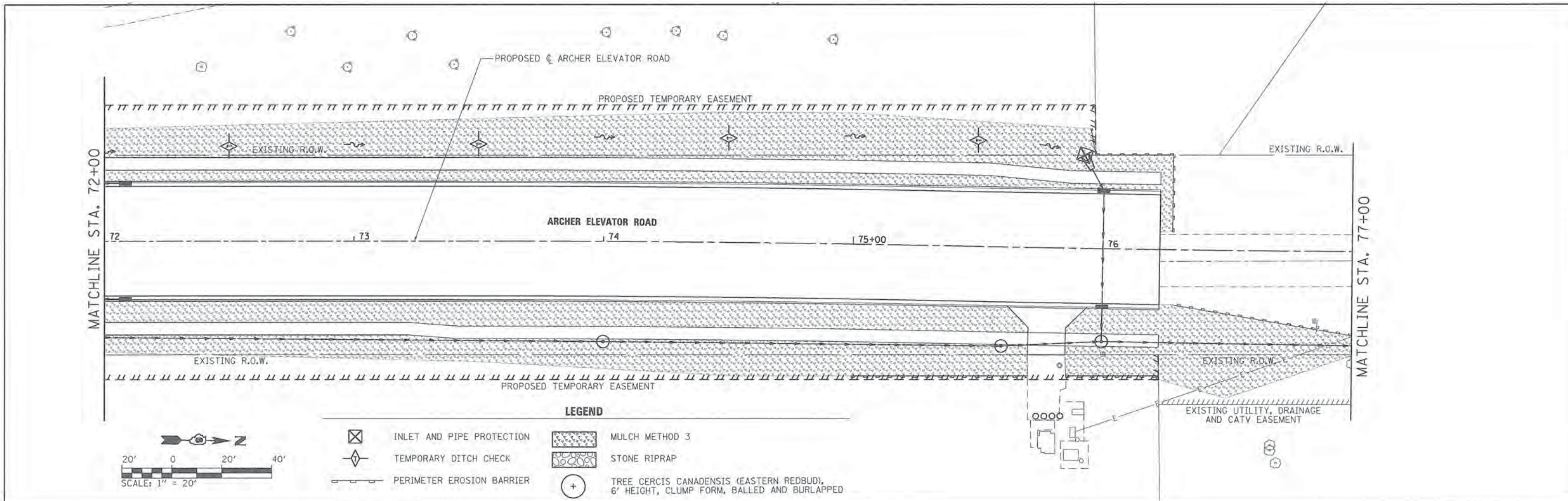
FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	LANDSCAPING AND EROSION CONTROL PLAN ARCHER ELEVATOR ROAD	F.A.U. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
L:\Springfield\0782501\Draw\Sheets\Construct\1\06-Sht_EROSL_001.dgn		DRAWN - GLD/RAH	REVISED -			8011	15-00431-01-PV	SANGAMON	96	54	
		PLOT SCALE = 20,0000' / in.	REVISED -			CONTRACT NO. 93668					
		CHECKED - KLT	REVISED -			ILLINOIS FED. AID PROJECT					
Default		PLOT DATE = 2/29/2016	REVISED -	SCALE: 1"=20' SHEET OF SHEETS STA. 48+00 TO STA. 60+00							



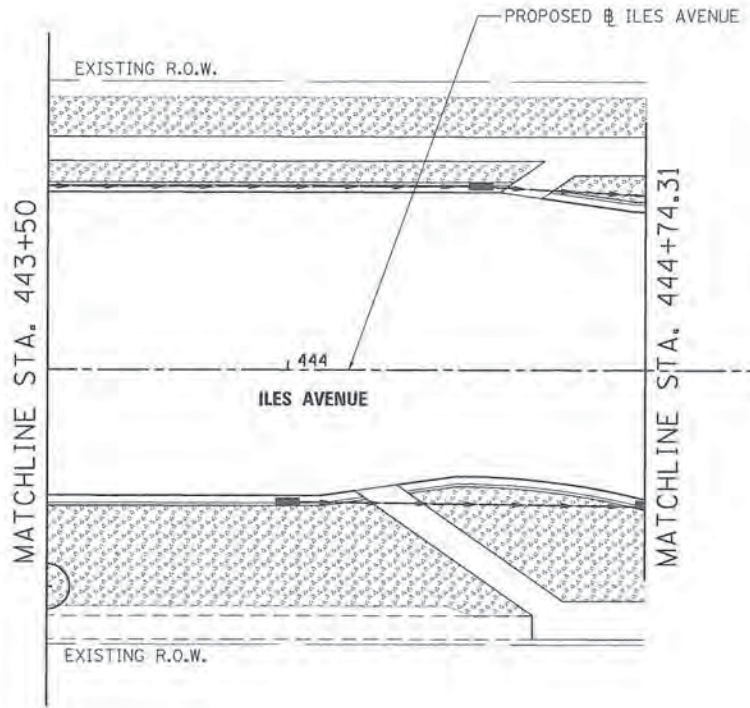
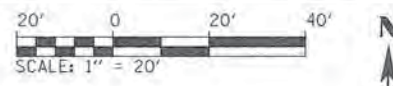
- LEGEND**
- | | | | |
|--|---------------------------|--|--|
| | INLET AND PIPE PROTECTION | | MULCH METHOD 3 |
| | TEMPORARY DITCH CHECK | | STONE RIPRAP |
| | PERIMETER EROSION BARRIER | | TREE CERCIS CANADENSIS (EASTERN REDBUD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED |



- LEGEND**
- | | | | |
|--|---------------------------|--|--|
| | INLET AND PIPE PROTECTION | | MULCH METHOD 3 |
| | TEMPORARY DITCH CHECK | | STONE RIPRAP |
| | PERIMETER EROSION BARRIER | | TREE CERCIS CANADENSIS (EASTERN REDBUD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED |

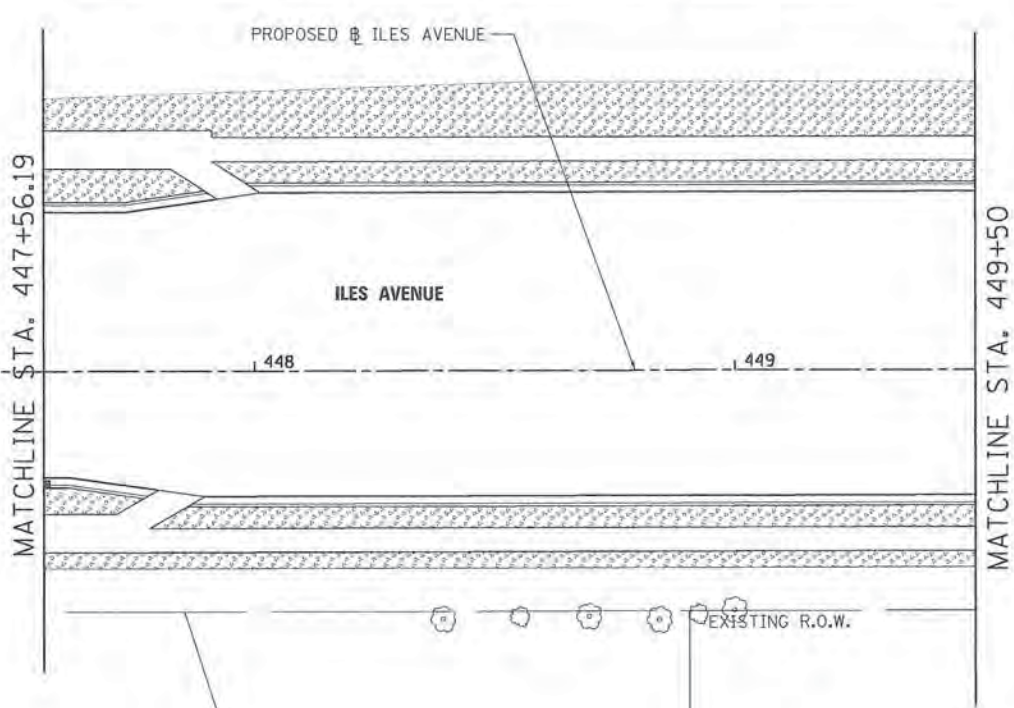


FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	LANDSCAPING AND EROSION CONTROL PLAN ARCHER ELEVATOR ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Li:\Springfield\070250\Draw\Sheets\Contract\1\06-Sht_EROS_003.dgn	PLOT SCALE = 20,0000 1/2 in.	DRAWN - GLD/RAH	REVISED -			8011	15-00431-01-PV	SANGAMON	96	56	
Default	PLOT DATE = 2/29/2016	CHECKED - KLT	REVISED -			CONTRACT NO. 93668					
		DATE - MARCH 1, 2016	REVISED -			ILLINOIS FED. AID PROJECT					



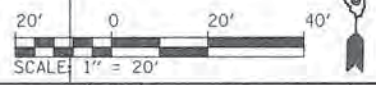
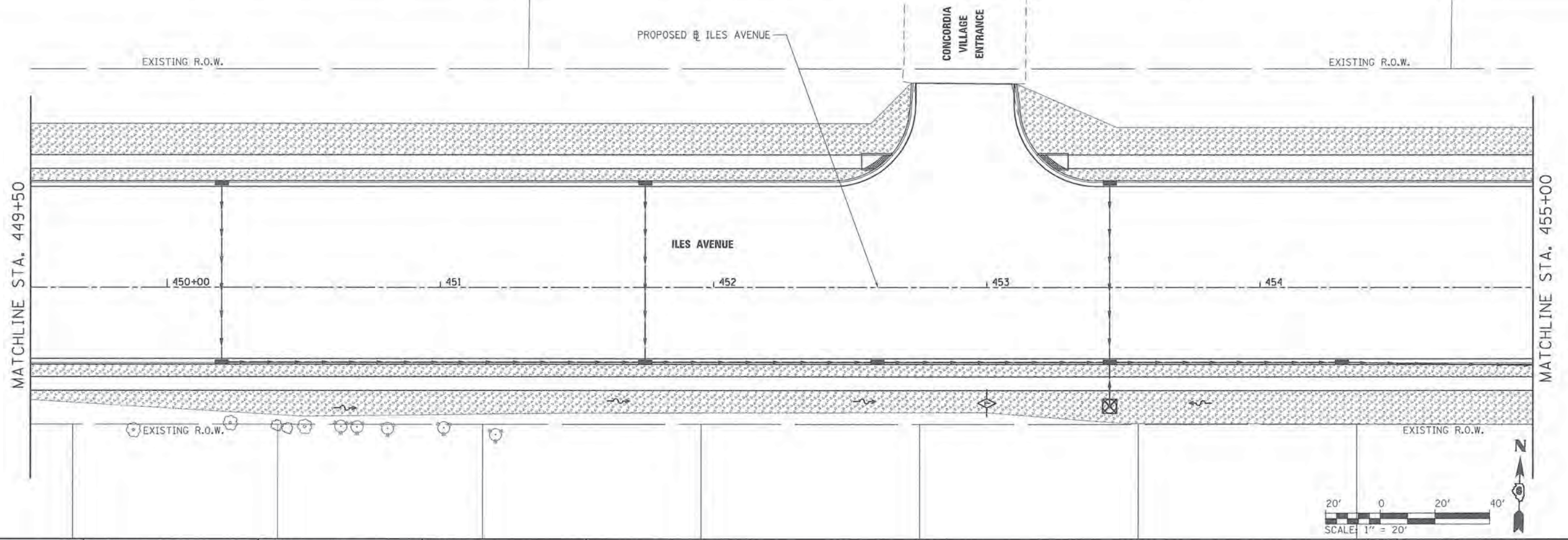
STA. 446+30.28 PROPOSED ILES AVENUE =
 STA. 62+76.23 PROPOSED ARCHER ELEVATOR RD.

**"SEE ROUNDABOUT LANDSCAPING
 AND EROSION CONTROL PLAN"**

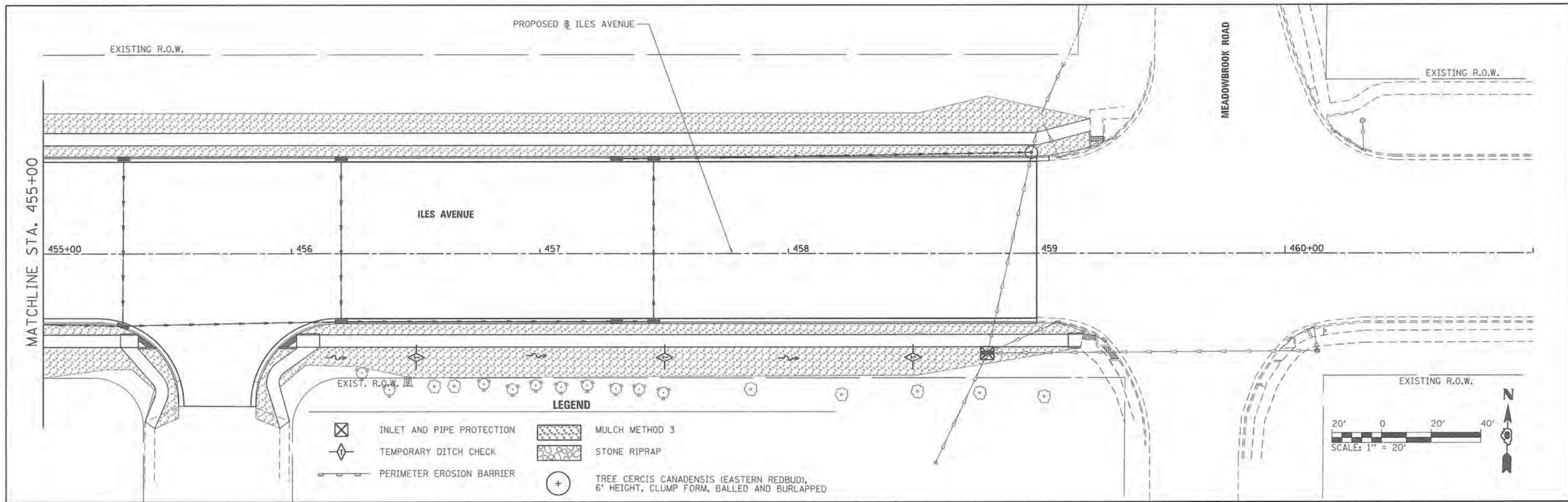


LEGEND

- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- MULCH METHOD 3
- STONE RIPRAP
- TREE CERCIS CANADENSIS (EASTERN REDBUD),
6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED



FILE NAME = L:\Springfield\0702501\Draw\Sheets\Contr	USER NAME = Kristin Timmons act.L\06-Sh\EROS_095.dgn	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	LANDSCAPING AND EROSION CONTROL PLAN ILES AVENUE	F.A.U. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 58		
PLOT SCALE = 20.0000' / in.	CHECKED - KLT	REVISED -	REVISED -			SCALE: 1"=20'	SHEET OF SHEETS	STA. 443+50	TO STA. 455+00	CONTRACT NO. 93668		
PLOT DATE = 2/29/2016	DATE - MARCH 1, 2016	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT						
Default												



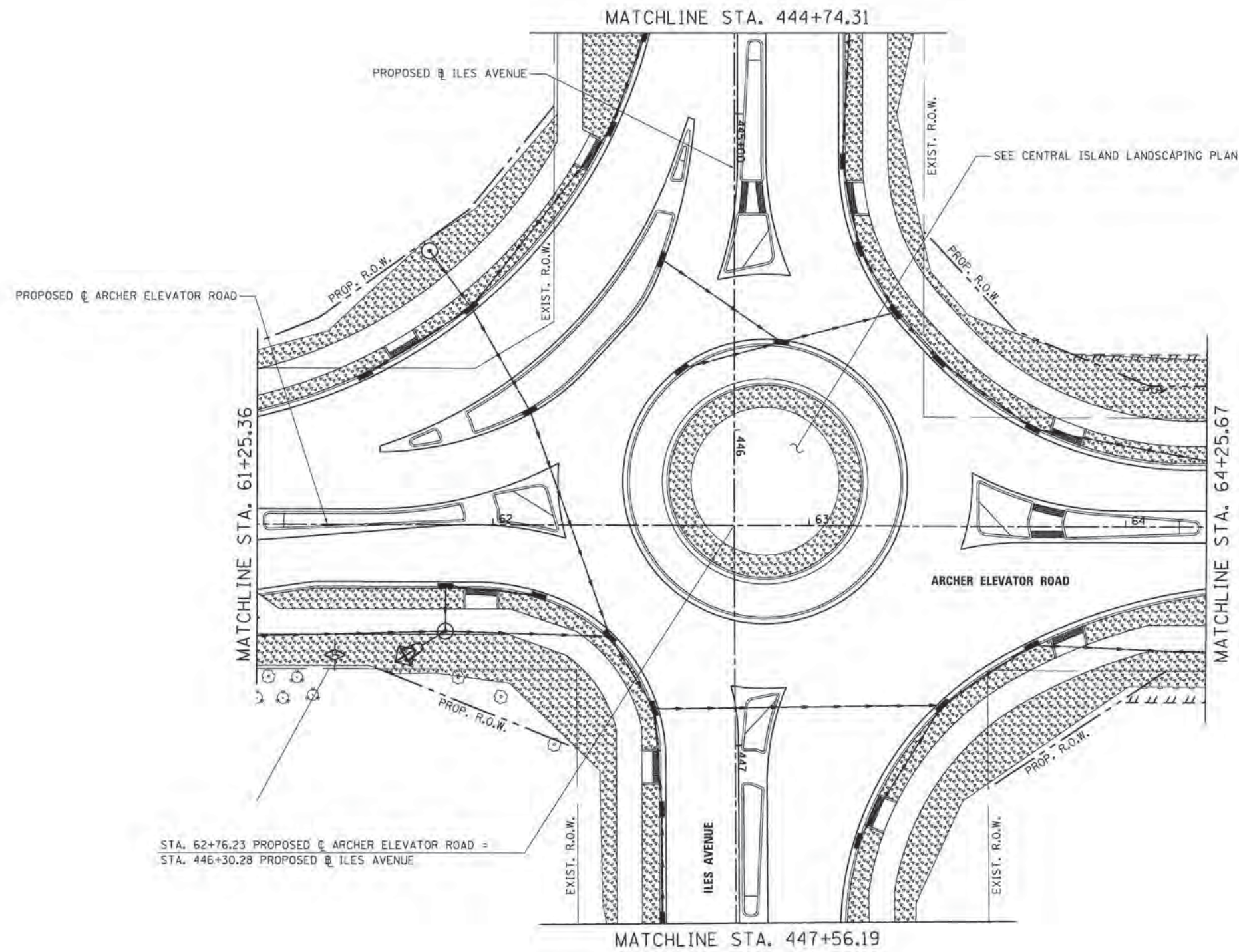
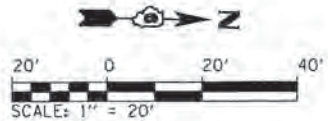
FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -
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Default		CHECKED - KLT	REVISED -
		DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

**LANDSCAPING AND EROSION CONTROL PLAN
ILES AVENUE**

SCALE: 1"=20' SHEET OF SHEETS STA. 455+00 TO STA. 461+00

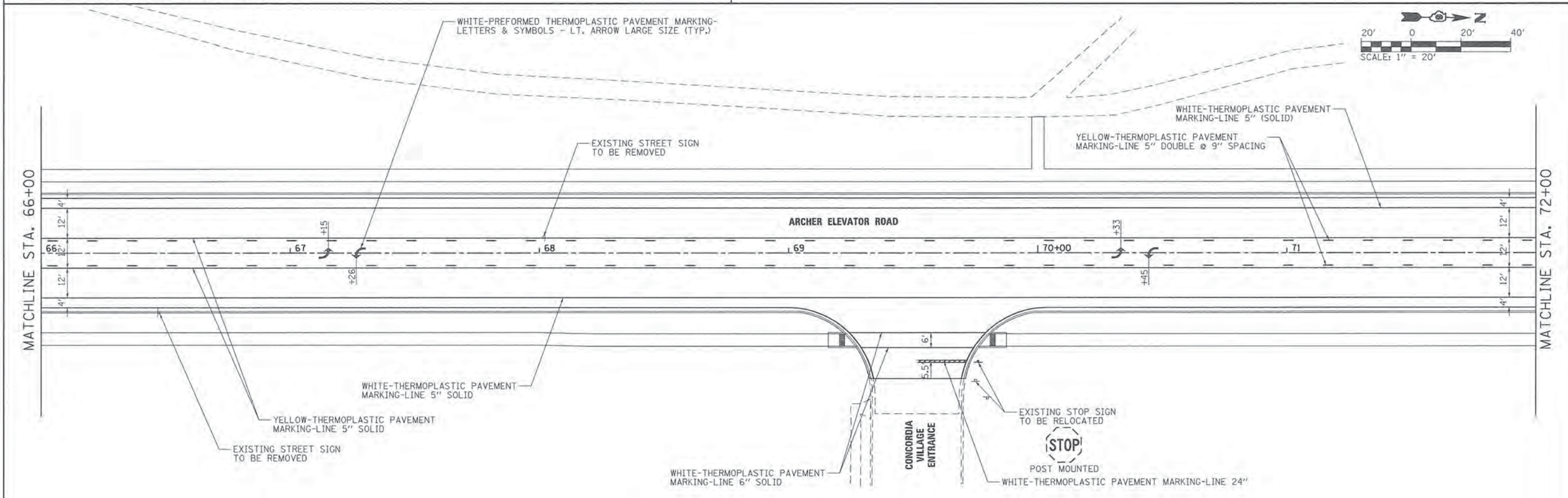
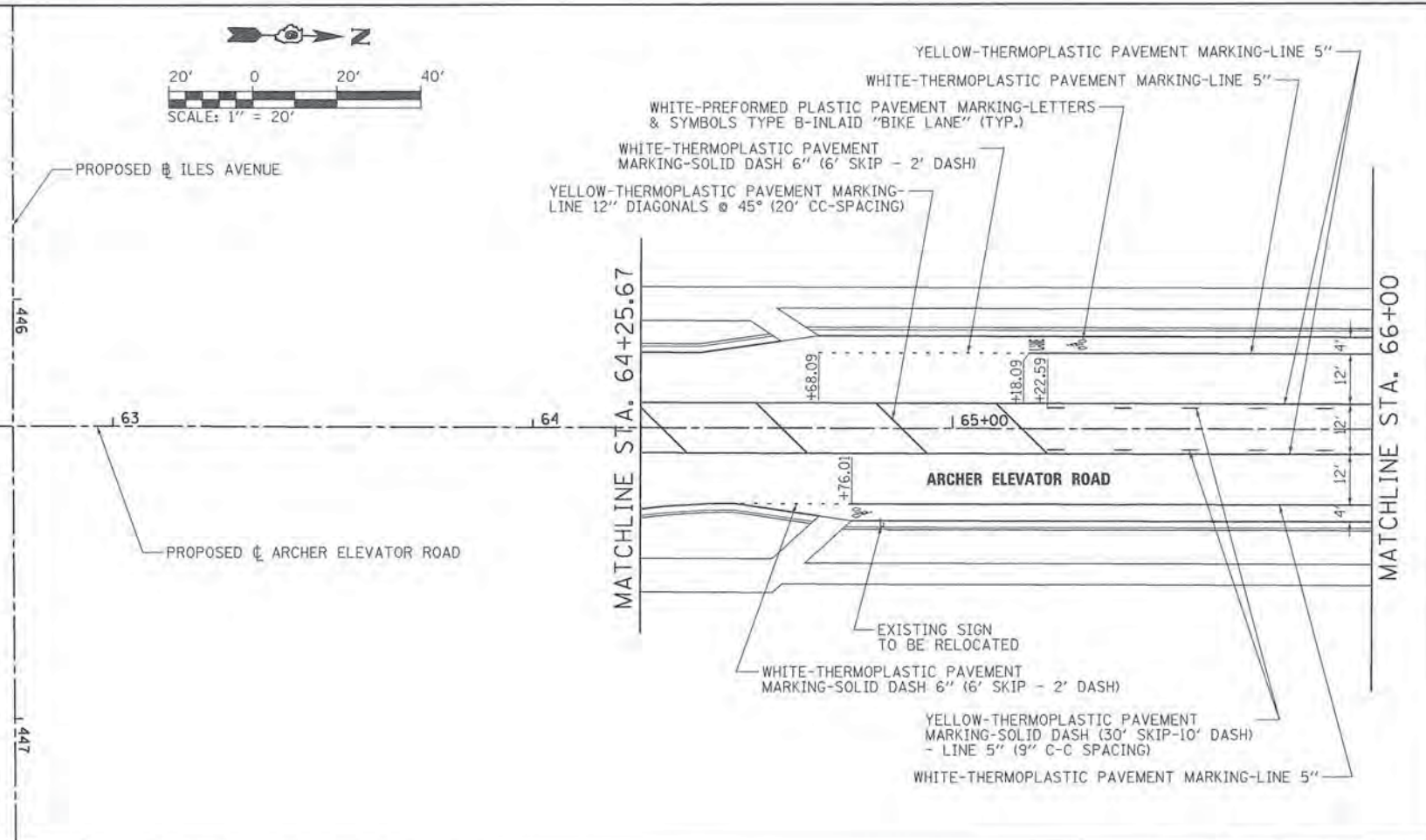
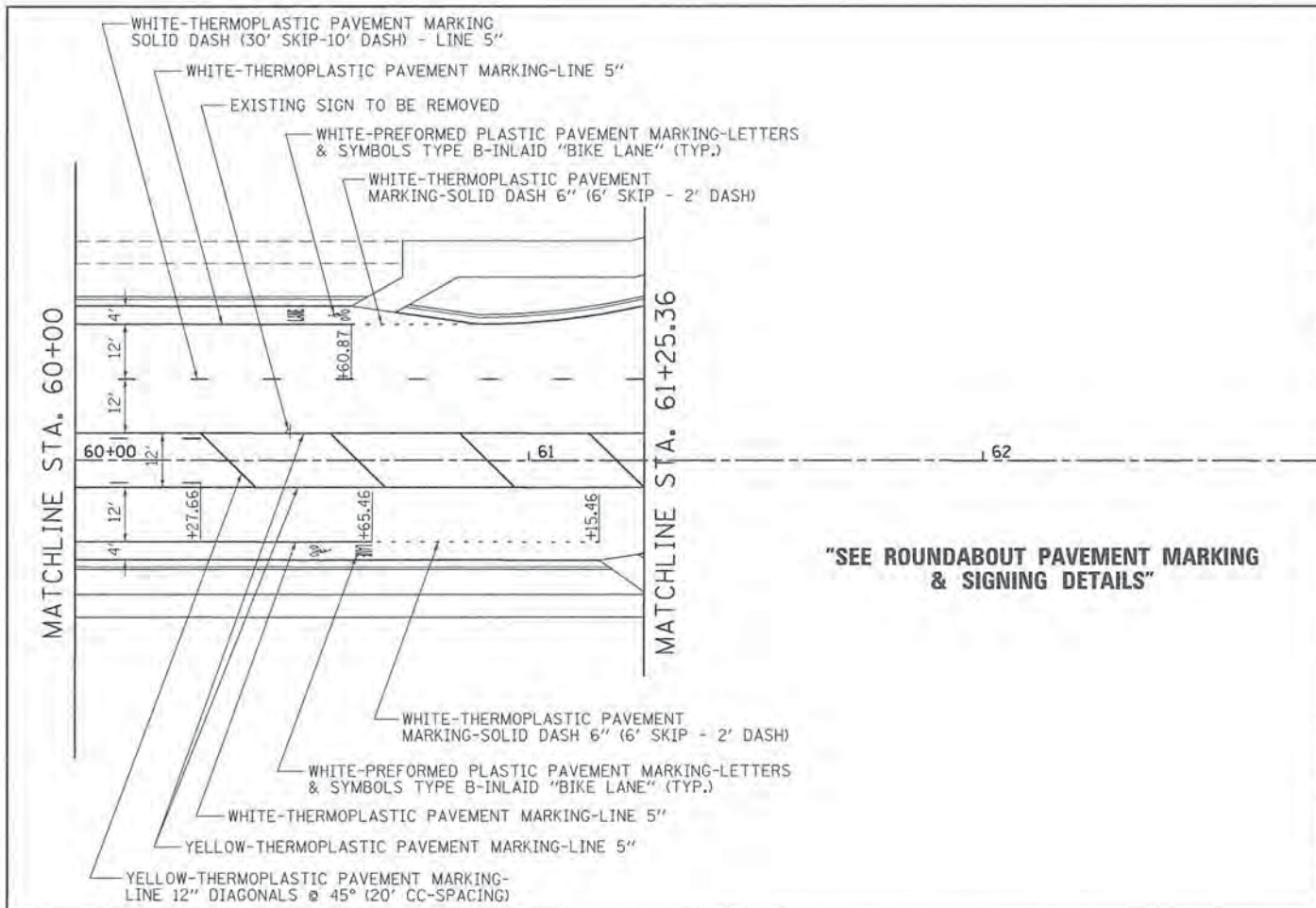
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	59
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93668	



LEGEND

- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- MULCH METHOD 3
- STONE RIPRAP

FILE NAME = L:\Springfield\878258\Draw\Sheets\Cont...	USER NAME = Kristin Timmons	DESIGNED = KLT	REVISED =	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	ROUNDBOUT LANDSCAPING AND EROSION CONTROL PLAN ILES AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 20,0000 1" = 20'	CHECKED = KLT	REVISED =			8011	15-00431-01-PV	SANGAMON	96	60		
	PLOT DATE = 2/26/2016	DATE = MARCH 1, 2016	REVISED =			SCALE: 1"=20' SHEET NO. OF SHEETS STA. 61+25.36 TO STA. 64+25.67		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
						CONTRACT NO. 93668						



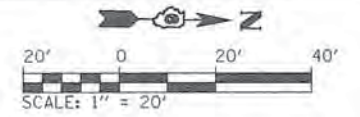
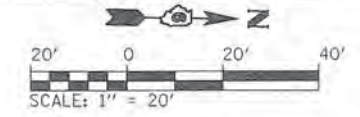
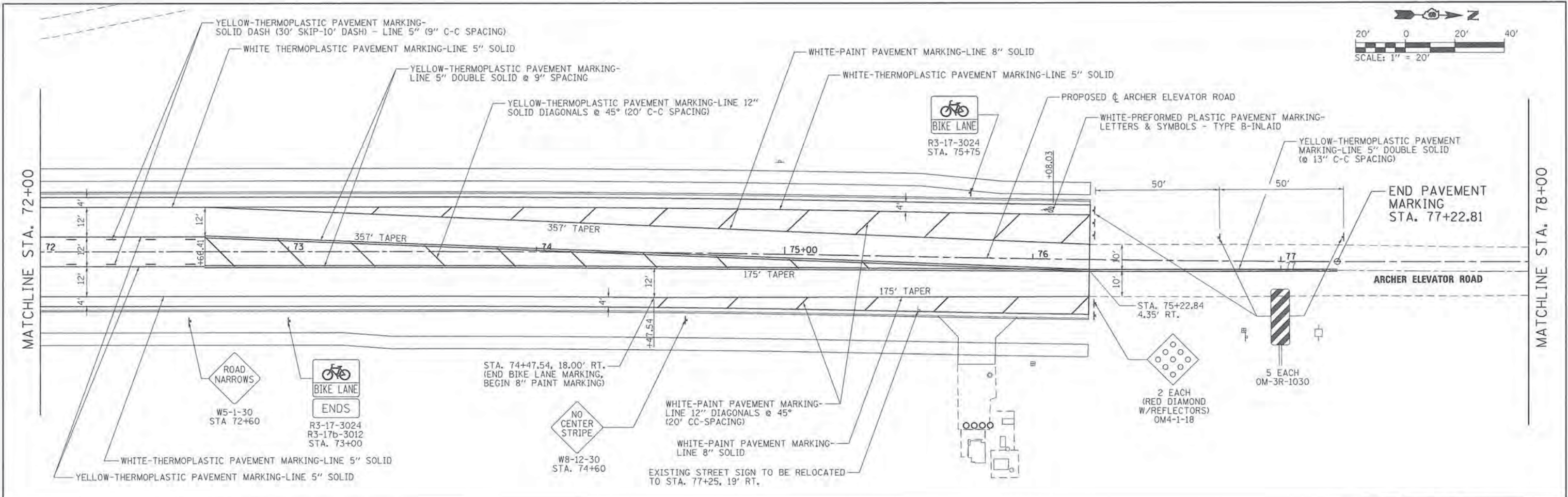
FILE NAME =	USER NAME = Kristin Timmons	DESIGNED = KLT	REVISED =
L:\Springfield\8702501\Draw\Sheets\Contract\1\06-Sht_PMT-MRK_002.dgn		DRAWN = GLD/RAH	REVISED =
	PLOT SCALE = 20.0000 ' / in.	CHECKED = KLT	REVISED =
Default	PLOT DATE = 2/29/2016	DATE = MARCH 1, 2016	REVISED =

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

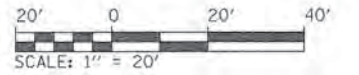
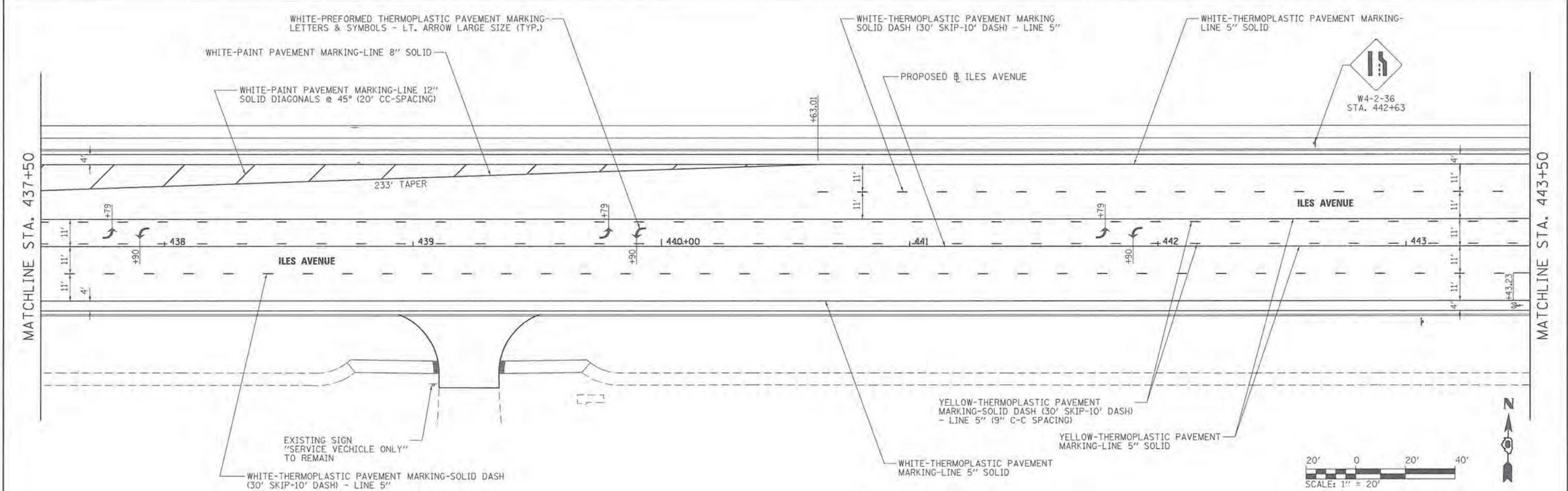
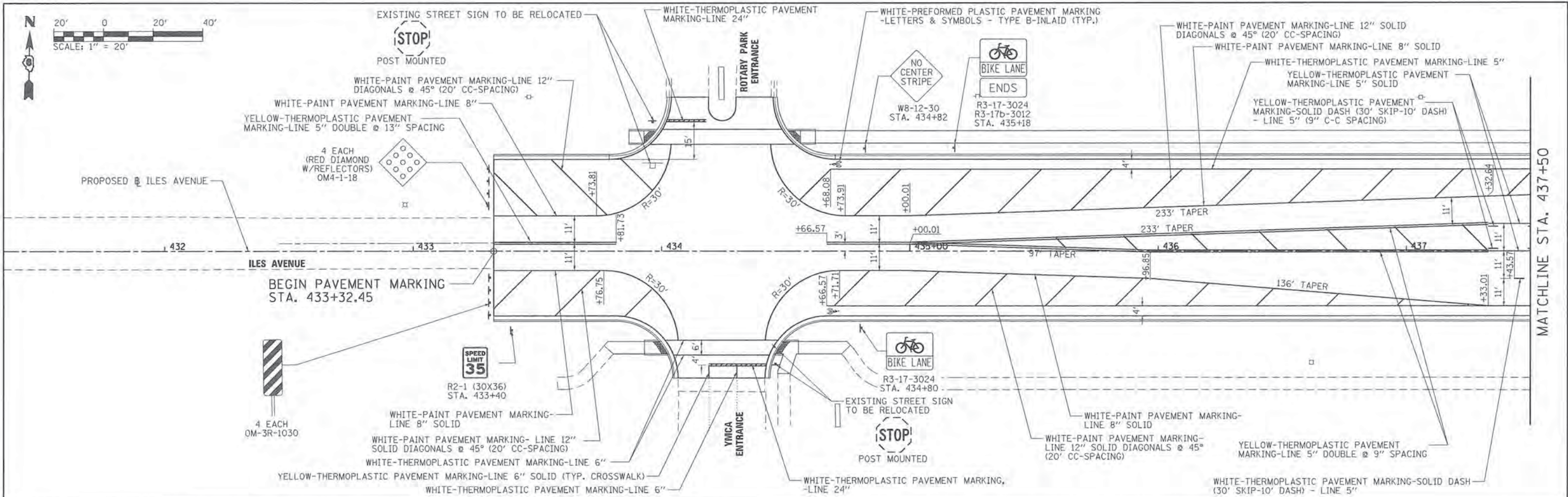
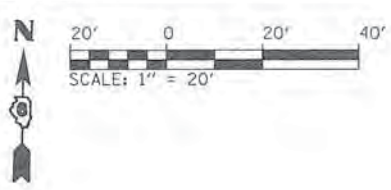
**PAVEMENT MARKING AND SIGNING PLAN
ARCHER ELEVATOR ROAD**

SCALE: 1"=20' SHEET OF SHEETS STA. 60+00 TO STA. 72+00

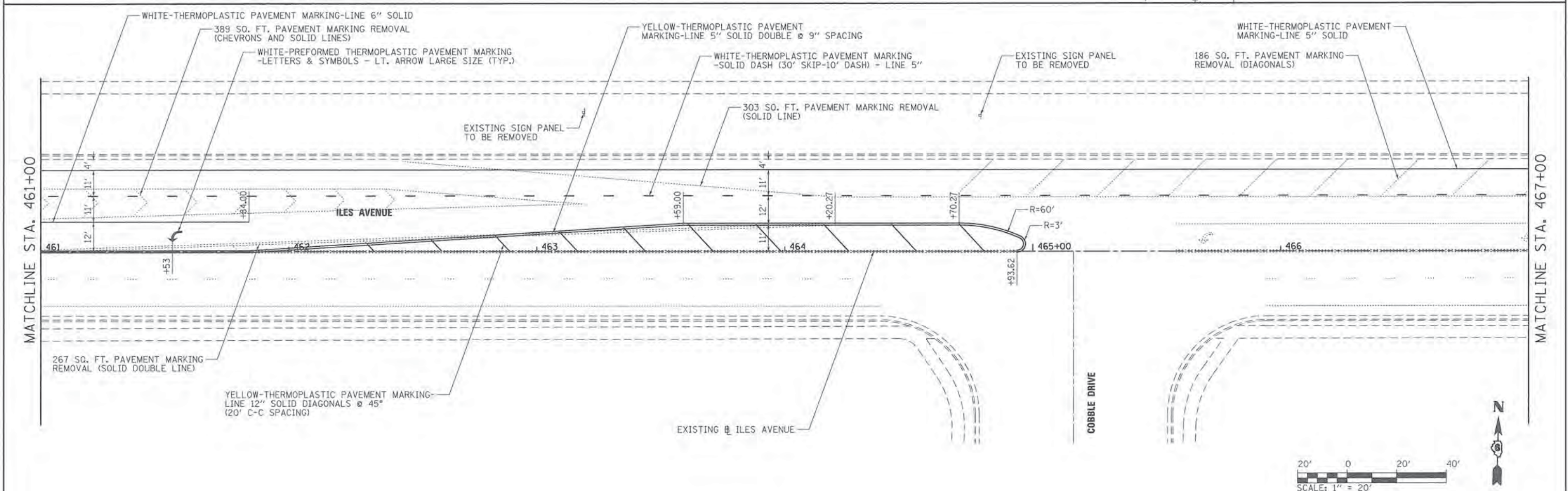
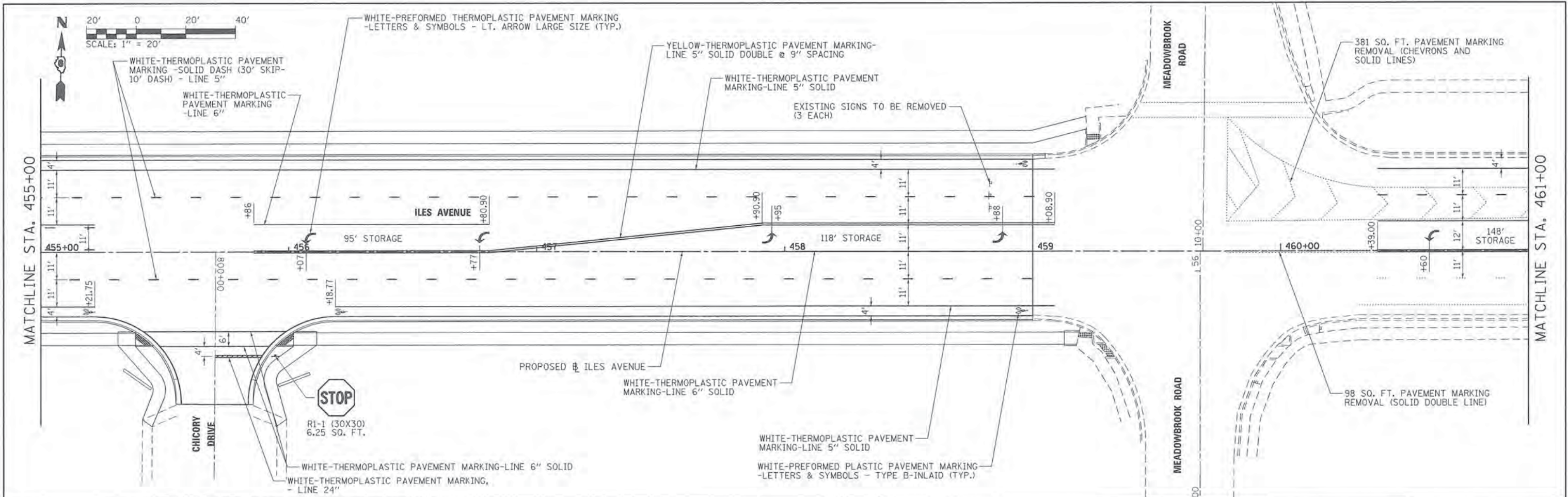
F.A.U. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 62
			CONTRACT NO. 93668	
ILLINOIS FED. AID PROJECT				



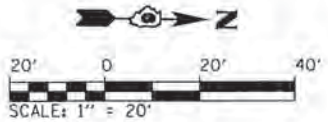
FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	PAVEMENT MARKING AND SIGNING PLAN ARCHER ELEVATOR ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Springfield\0702501\Draw\Sheets\Contract\1\06-Sht-PMT-MRK_003.dgn	PLOT SCALE = 20.0000' / in.	DRAWN - GLD/RAH	REVISED -			8011	15-00431-01-PV	SANGAMON	96	63
Default	PLOT DATE = 2/29/2016	CHECKED - KLT	REVISED -			CONTRACT NO. 93668			ILLINOIS FED. AID PROJECT	
		DATE - MARCH 1, 2016	REVISED -			SCALE: 1"=20'	SHEET OF SHEETS	STA. 72+00 TO STA. 80+00		



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	PAVEMENT MARKING AND SIGNING PLAN ILES AVENUE		F.A.U. RTE. 9011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 64	
LA:\Springfield\0702501\Draw\Sheets\Contr	pet_1\1D6-Sht_PMT-MRK_004.dgn	DRAWN - GLD/RAH	REVISED -		SCALE: 1"=20'	SHEET	OF SHEETS	STA. 431+50	TO STA. 443+50	CONTRACT NO. 93668		
		CHECKED - KLT	REVISED -		ILLINOIS FED. AID PROJECT							
Default	PLOT DATE = 2/29/2016	DATE - MARCH 1, 2016	REVISED -									



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	PAVEMENT MARKING AND SIGNING PLAN ILES AVENUE	F.A.U. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L:\Springfield\0702501\Draw\Sheets\Contr	ba1\1\06-Sht-PMT-MRK_006.dgn	DRAWN - GLD/RAH	REVISED -			8011	15-00431-01-PV	SANGAMON	96	66	
PLOT SCALE = 20,0000 1/ in.	CHECKED - KLT	REVISED -	REVISED -			CONTRACT NO. 93668					
PLOT DATE = 2/29/2016	DATE - MARCH 1, 2016	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					



**PAVEMENT MARKING LAYOUT
EB SPLITTER ISLAND**

STATION	OFFSET
(C) STA. 445+13.65	11.00' LT.
(D) STA. 445+51.98	19.17' LT.
(E) STA. 445+53.43	6.70' RT.
(F) STA. 445+14.95	0.00' RT.

**PAVEMENT MARKING LAYOUT
EB RIGHT TURN BYPASS ISLAND**

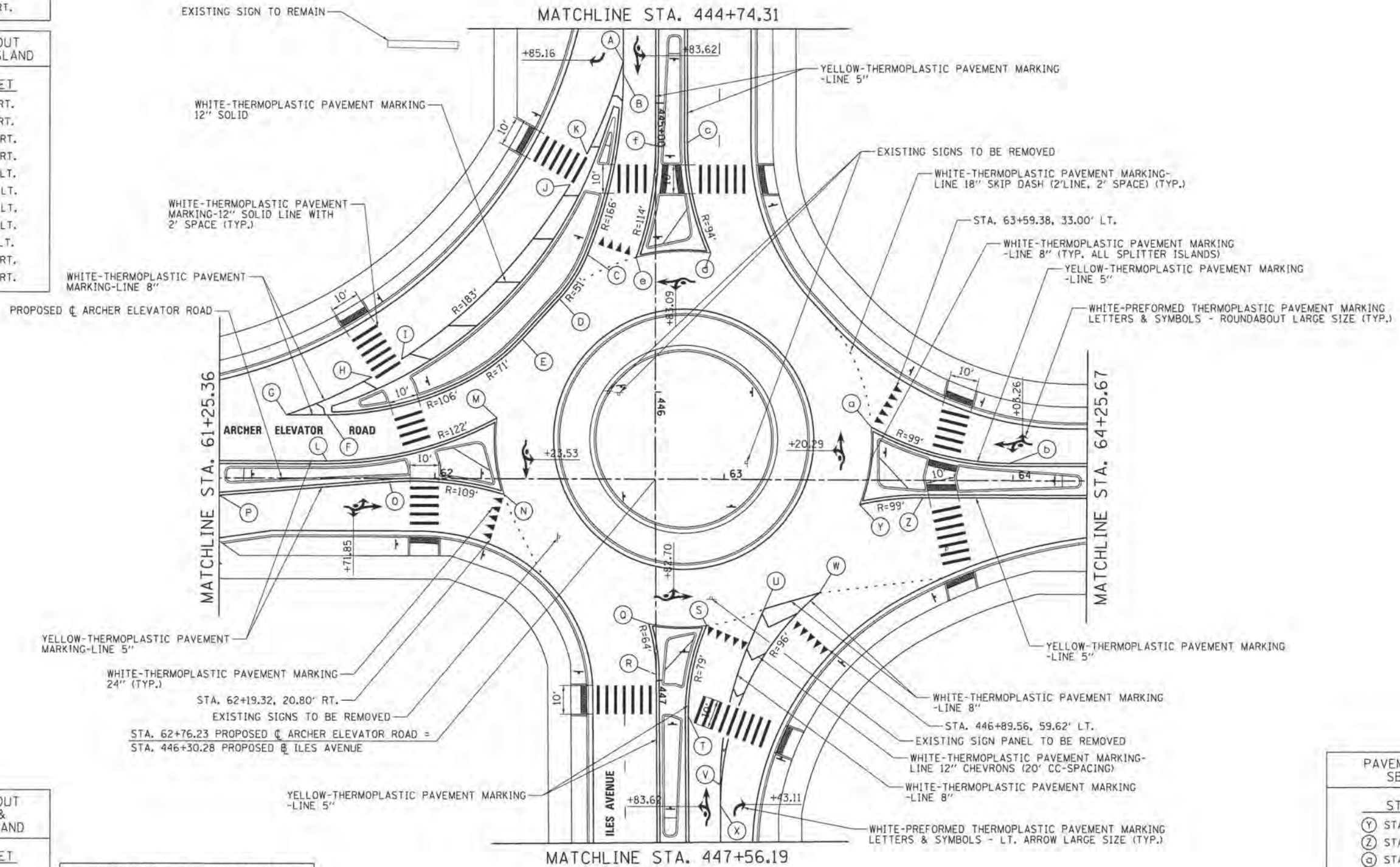
STATION	OFFSET
(A) STA. 444+85.73	11.00' RT.
(B) STA. 444+90.05	11.00' RT.
(C) STA. 445+52.54	23.52' RT.
(D) STA. 445+67.81	33.23' RT.
(E) STA. 62+30.08	44.93' LT.
(F) STA. 61+62.60	22.00' LT.
(G) STA. 61+48.54	22.00' LT.
(H) STA. 61+78.05	35.20' LT.
(I) STA. 61+88.33	41.39' LT.
(J) STA. 445+28.23	29.57' RT.
(K) STA. 445+17.71	23.79' RT.

**PAVEMENT MARKING LAYOUT
WB SPLITTER ISLAND &
RIGHT TURN PAINTED ISLAND**

STATION	OFFSET
(O) STA. 446+80.18	2.48' RT.
(R) STA. 446+97.82	0.00' RT.
(S) STA. 446+80.92	17.52' LT.
(T) STA. 447+12.34	11.00' LT.
(U) STA. 446+75.02	37.43' LT.
(V) STA. 447+36.37	22.00' LT.
(W) STA. 446+69.41	56.63' LT.
(X) STA. 447+43.58	22.00' LT.

**PAVEMENT MARKING LAYOUT
NB SPLITTER ISLAND**

STATION	OFFSET
(L) STA. 61+62.60	6.00' LT.
(M) STA. 62+21.40	21.10' LT.
(N) STA. 62+23.99	5.46' RT.
(O) STA. 61+84.24	1.29' RT.
(P) STA. 61+25.40	6.00' RT.



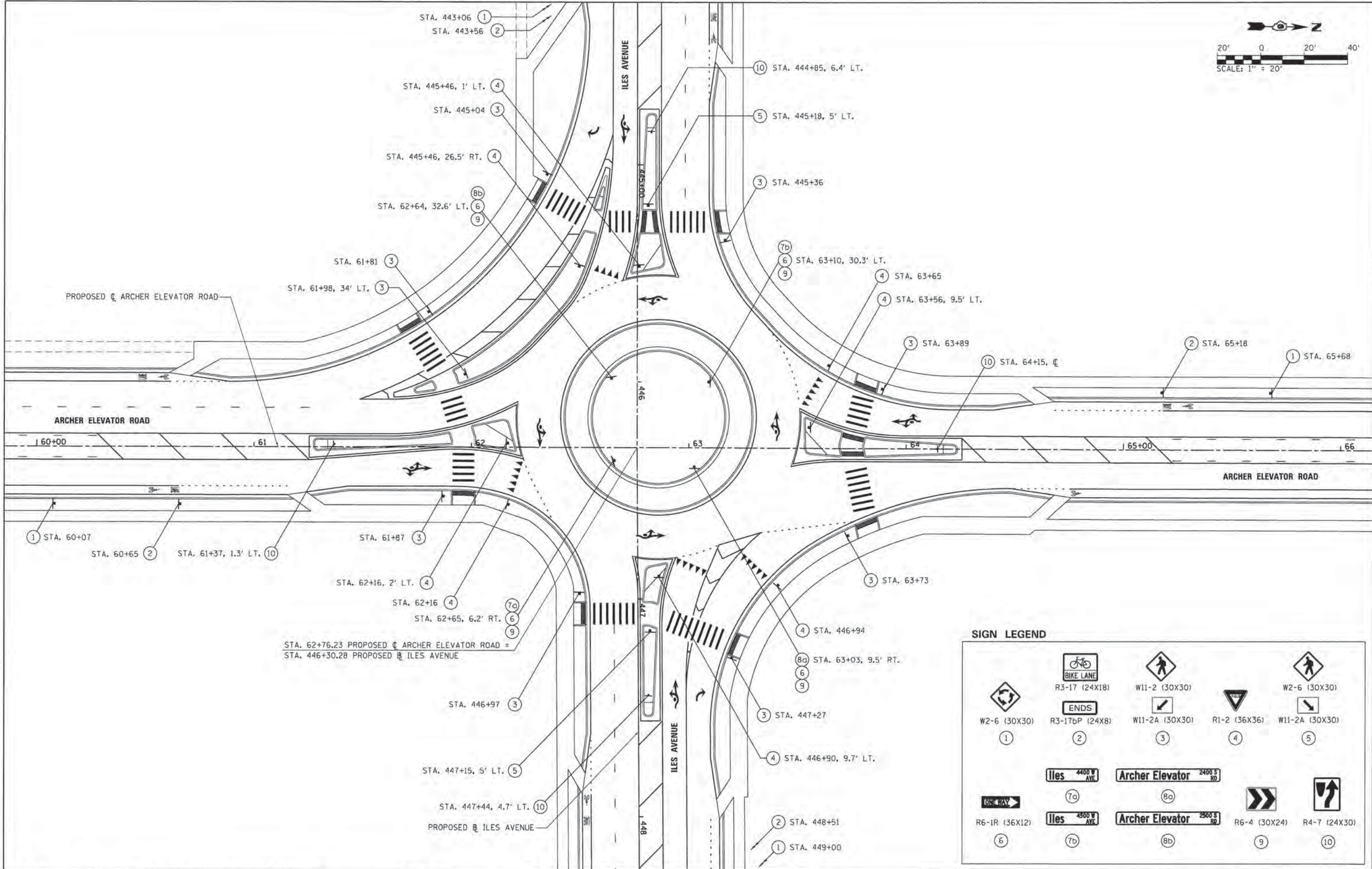
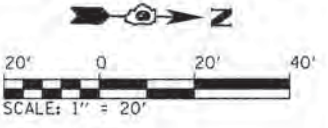
**PAVEMENT MARKING LAYOUT
SB SPLITTER ISLAND**

STATION	OFFSET
(Y) STA. 63+46.98	8.45' RT.
(Z) STA. 63+68.86	6.00' RT.
(A) STA. 63+50.82	18.43' LT.
(B) STA. 63+98.84	6.00' LT.

NOTES:

1. ALL EXISTING SIGNS WITHIN PROPOSED ROUNDABOUT TO BE REMOVED.
2. SEE ROUNDABOUT SIGNING DETAIL SHEET FOR PROPOSED SIGNING.

FILE NAME = L:\Springfield\10782501\Draw\Sheets\Con	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	ROUNDABOUT PAVEMENT MARKING DETAIL F.A.U. 8011 (ARCHER ELEVATOR ROAD)	F.A.U. RTE. = 8011	SECTION = 15-00431-01-PV	COUNTY = SANGAMON	TOTAL SHEETS = 96	SHEET NO. = 68	
	PLOT SCALE = 28,0000 1" = 100'	DRAWN - GLD/RAH	REVISED -			SCALE: 1"=20'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 93668		
	PLOT DATE = 2/26/2016	CHECKED - KLT	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		DATE - MARCH 1, 2016	REVISED -								

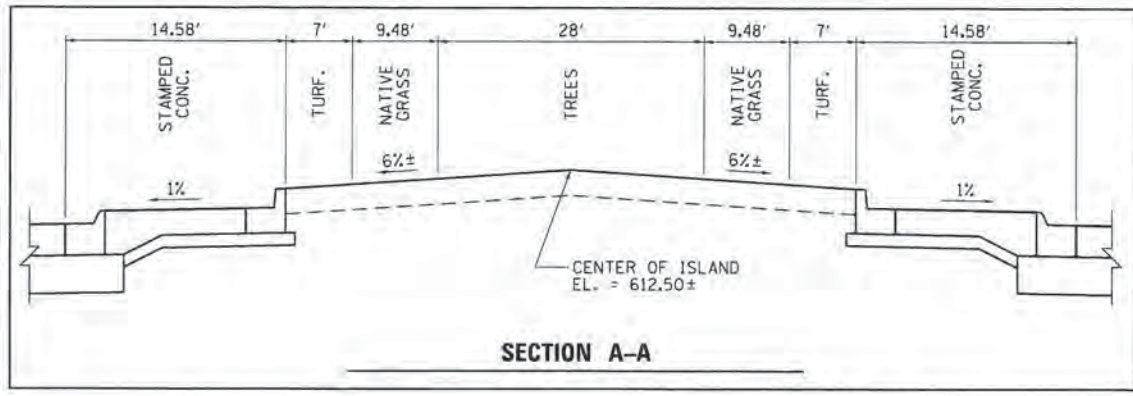


STA. 62+76.23 PROPOSED \square ARCHER ELEVATOR ROAD =
 STA. 446+30.28 PROPOSED \square ILES AVENUE

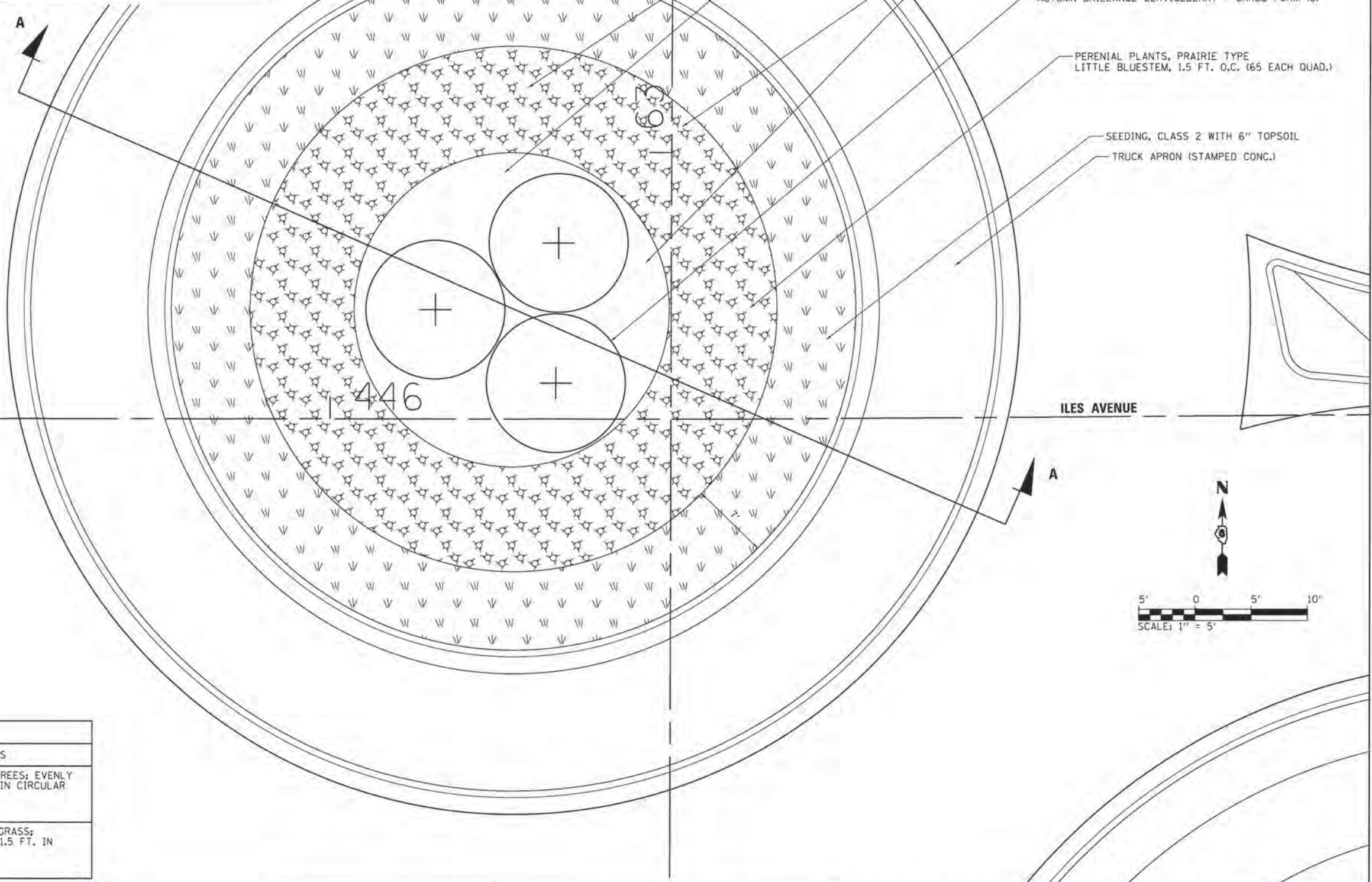
SIGN LEGEND

W2-6 (30X30)	R3-17 (24X18)	W11-2 (30X30)	R1-2 (36X36)	W2-6 (30X30)
1	2	3	4	5
R6-1R (36X12)	Iles 4400 W AVE	Archer Elevator 2400 S RD	R6-4 (30X24)	R4-7 (24X30)
6	7a	8a	9	10
	Iles 4500 W AVE	Archer Elevator 2500 S RD		
	7b	8b		

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	ROUNDABOUT SIGNING DETAIL F.A.U. 8011 (ARCHER ELEVATOR ROAD)	F.A.U. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 69	
L:\Springfield\8782281\Draw\Sheets\Contract\1\06-Sht_SIGNING-DETAIL_roundabout.dgn		DRAWN - GLD/RAH	REVISED -			SCALE: 1"=20'	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 93668	
		CHECKED - KLT	REVISED -								
		DATE - MARCH 1, 2016	REVISED -								



SECTION A-A



ILES AVENUE

ARCHER ELEVATOR ROAD

AUTUMN BRILLIANCE SERVICEBERRY - SHRUB FORM (3)

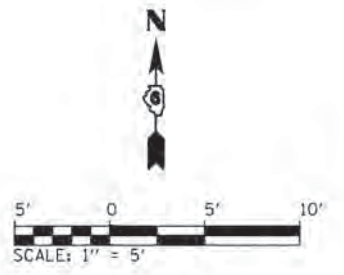
PERENIAL PLANTS, PRAIRIE TYPE
LITTLE BLUESTEM, 1.5 FT. O.C. (65 EACH QUAD.)

SEEDING, CLASS 2 WITH 6" TOPSOIL

TRUCK APRON (STAMPED CONC.)

24" TOPSOIL PLACEMENT

MULCH PLACEMENT 3" (192 SQ. YD.)



PLANTING LIST				
COMMON NAME	BOTANICAL NAME	SIZE/CONDITION	QUANTITY	COMMENTS
AUTUMN BRILLIANCE SERVICEBERRY	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	7 FT HEIGHT SHRUB FORM	3	SMALL TREES; EVENLY SPACED IN CIRCULAR AREA
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	PLANT "PLUG"	260	NATIVE GRASS; SPACED 1.5 FT. IN 5 ROWS

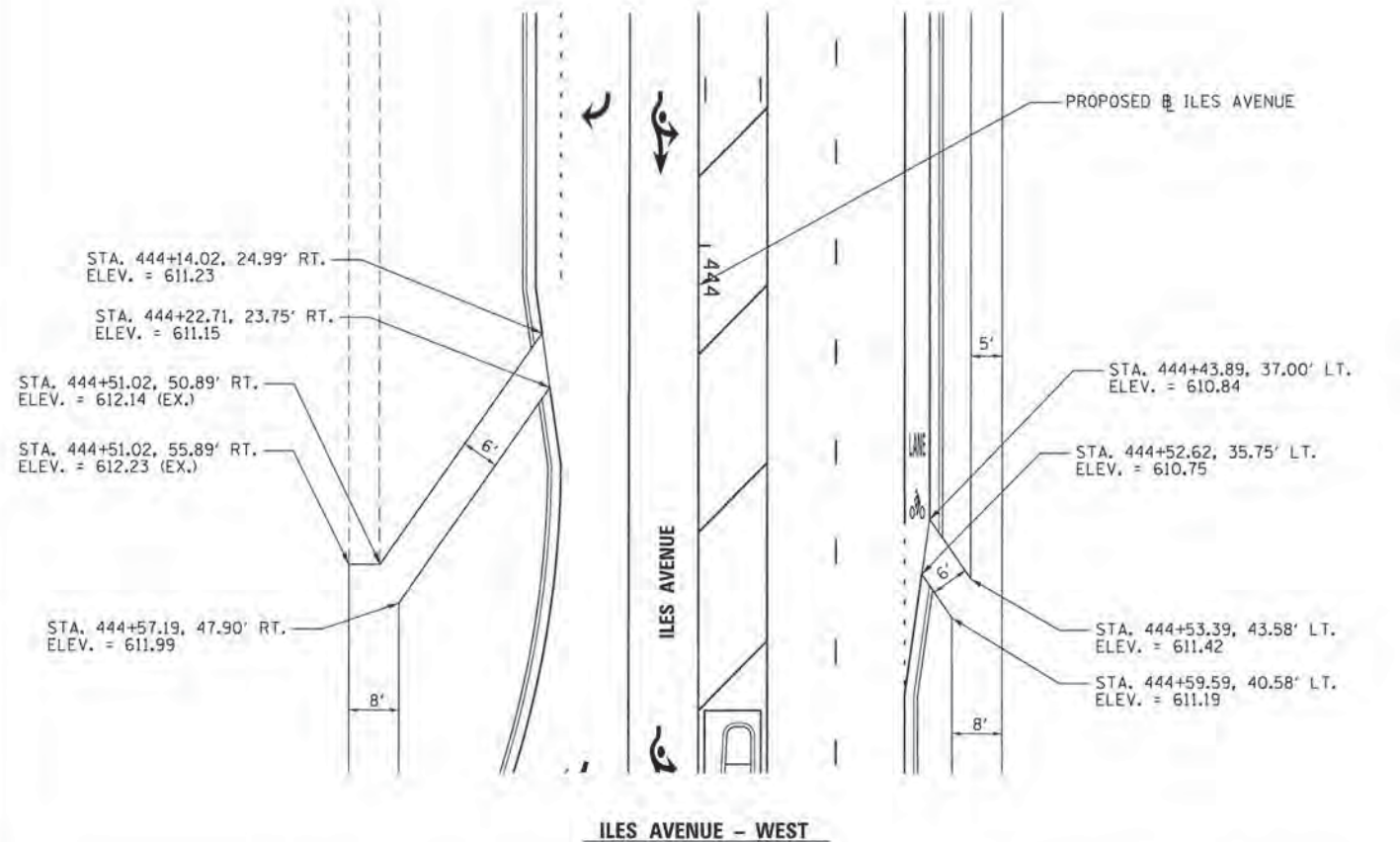
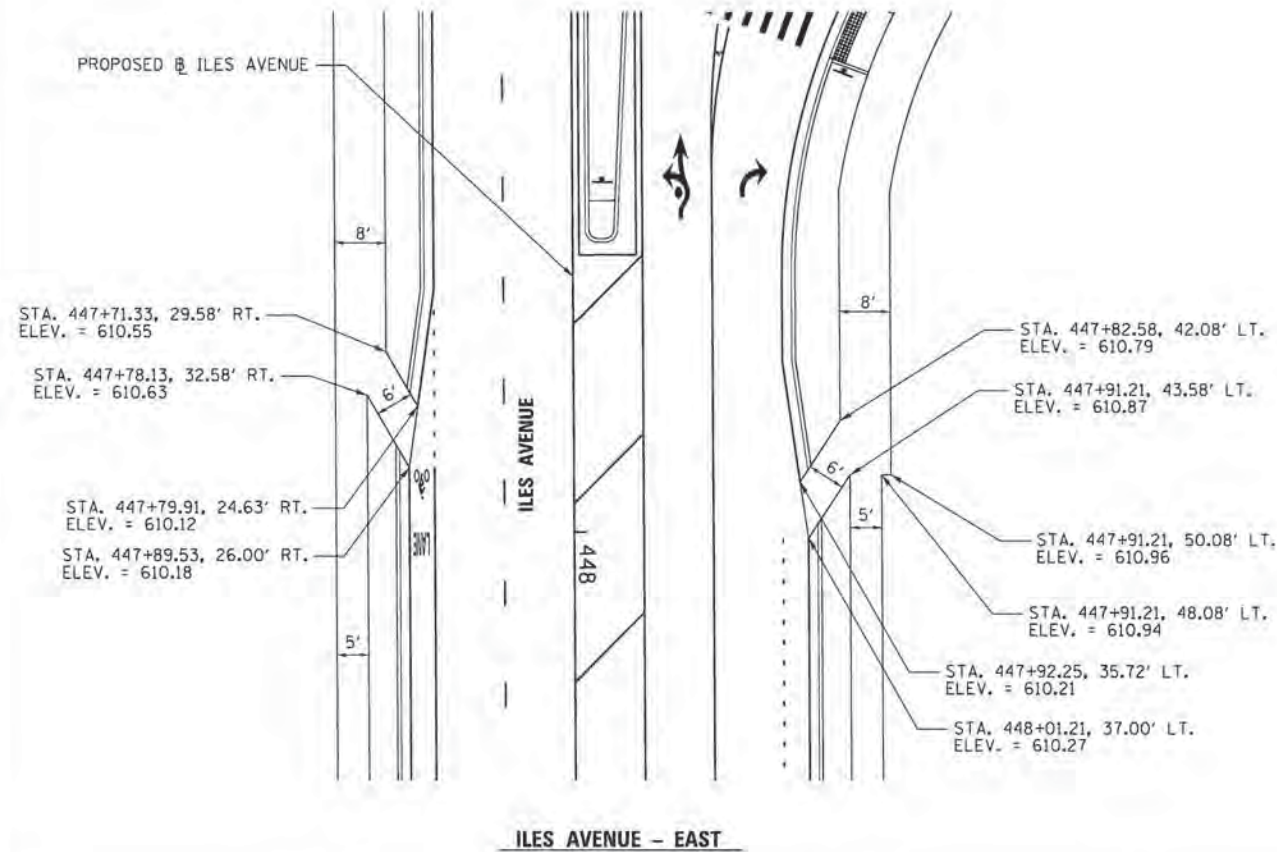
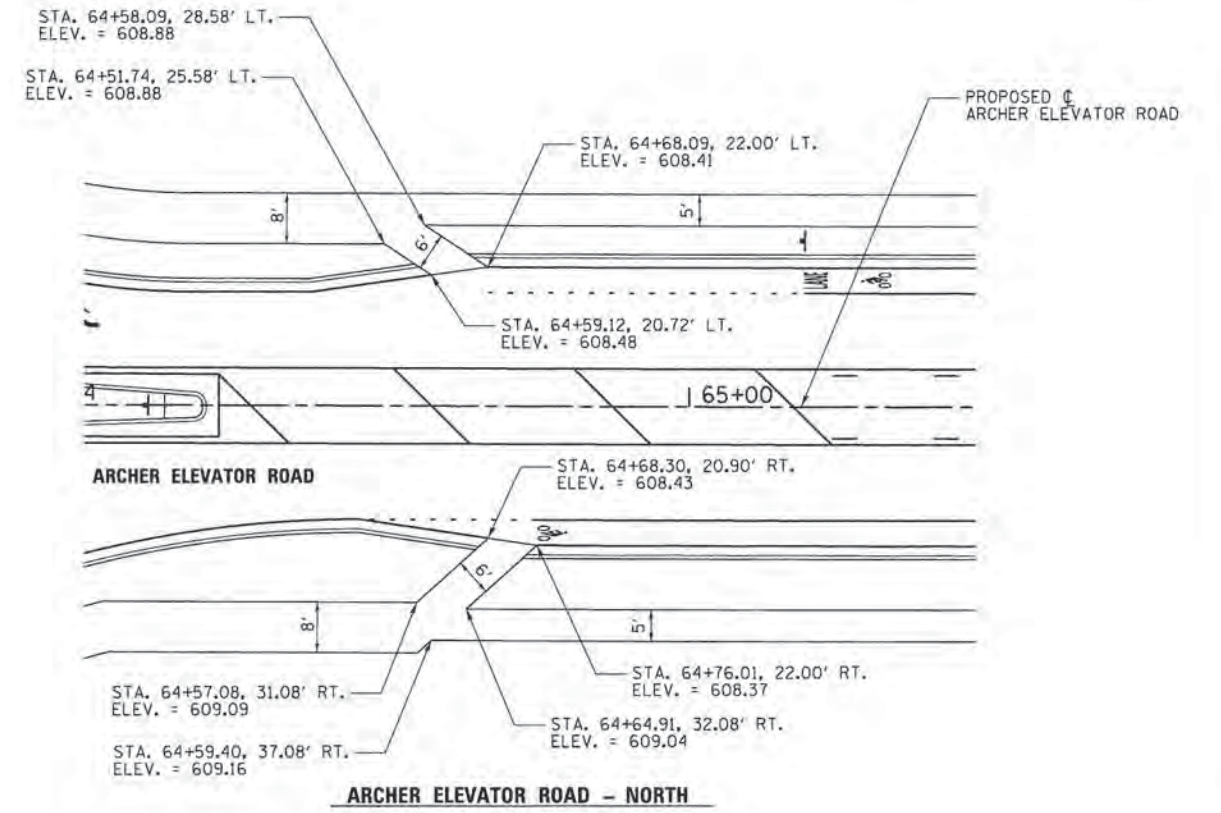
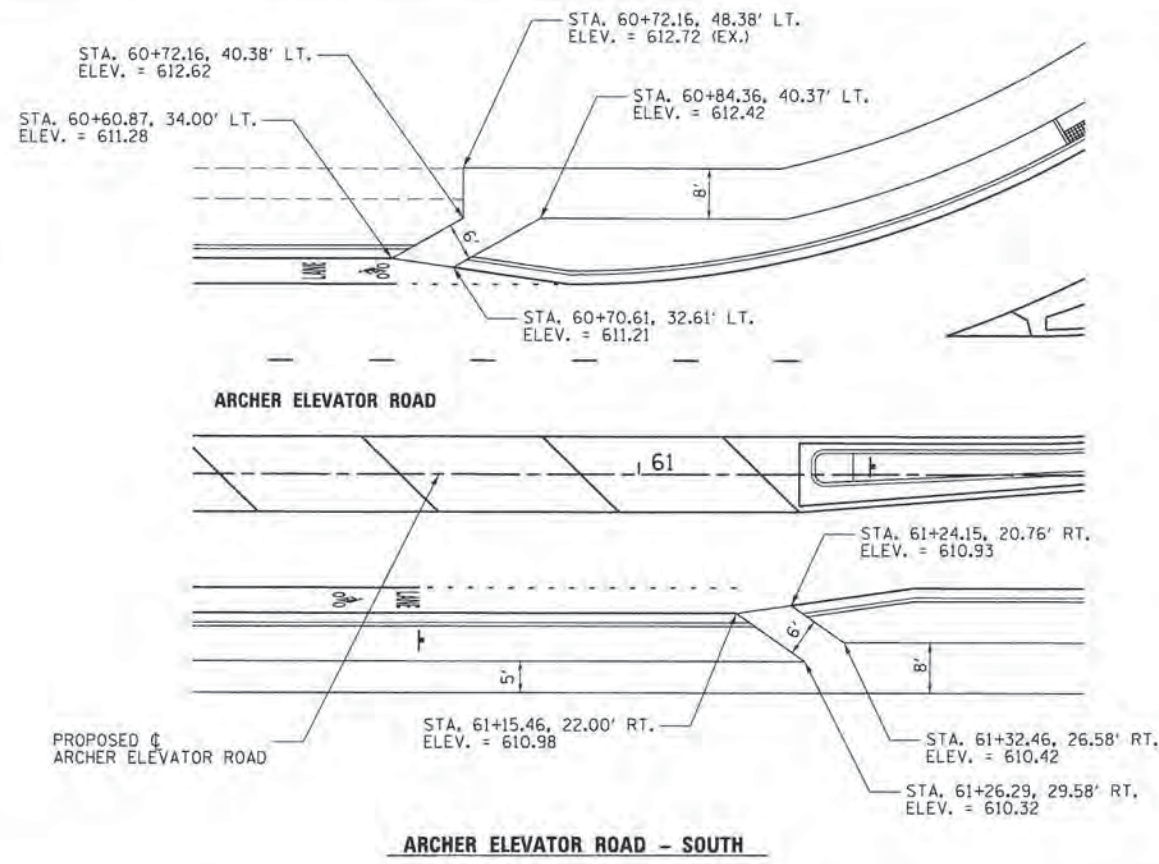
FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -
Li:\Springfield\0702501\Draw\Sheets\Contract\15-00431-Central Island Landscaping Plan.dwg	PROJECT = 15-00431-Central Island Landscaping Plan	DRAWN - GLD/RAH	REVISED -
	PLOT SCALE = 5,0000 1/4 in.	CHECKED - KLT	REVISED -
	PLOT DATE = 2/26/2016	DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

**CENTRAL ISLAND LANDSCAPING PLAN
F.A.U. 8011 (ARCHER ELEVATOR ROAD)**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	71
CONTRACT NO. 93668				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED = KLT	REVISED =
L:\Springfield\07250\Draw\Sheets\Cont	act_1\06-Shl_BicycleRampDetails.dgn	DRAWN = GLD/RAH	REVISED =
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	PLOT DATE = 2/26/2016	DATE = MARCH 1, 2016	REVISED =

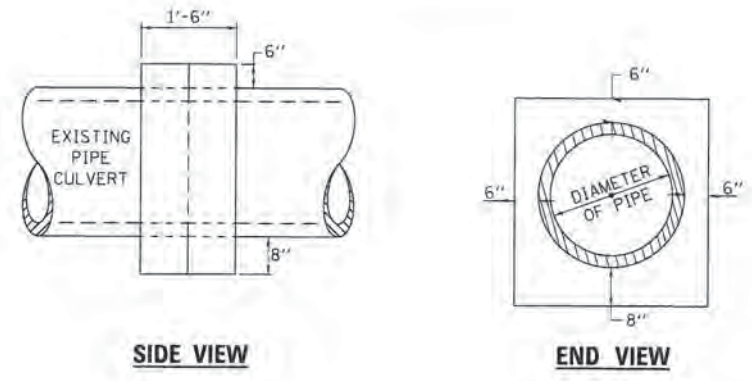
**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

**BICYCLE RAMP DETAILS
ARCHER ELEVATOR ROAD AND ILES AVENUE**

SCALE: 1"=15' SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	73
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 93668	

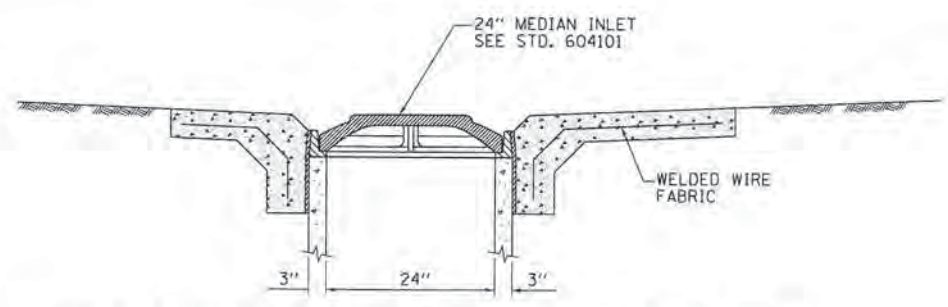
DETAILS OF CONCRETE COLLAR
PIPE TO PIPE



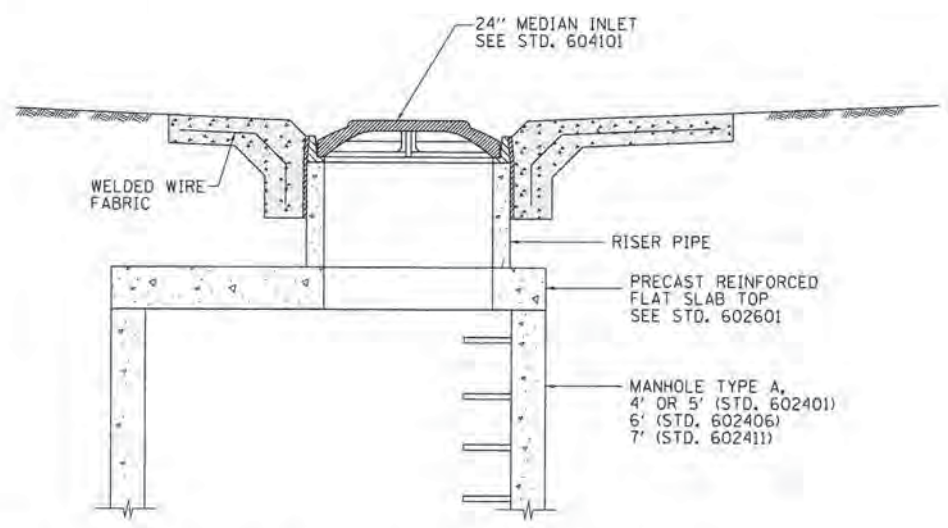
TABULATION

DIAMETER OF PIPE	CL SI CONC CU YDS EST
6"	0.13
8"	0.15
10"	0.18
12"	0.24
15"	0.29
18"	0.32
24"	0.44
30"	0.56
36"	0.66
42"	0.80
48"	0.93
54"	1.07
60"	1.22
72"	1.55

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE COLLAR, AS SHOWN ON THE PLANS, WHICH PRICE SHALL INCLUDE THE REMOVAL OF SUCH PORTIONS THE EXISTING HEADWALLS AS MAY BE REQUIRED.
CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

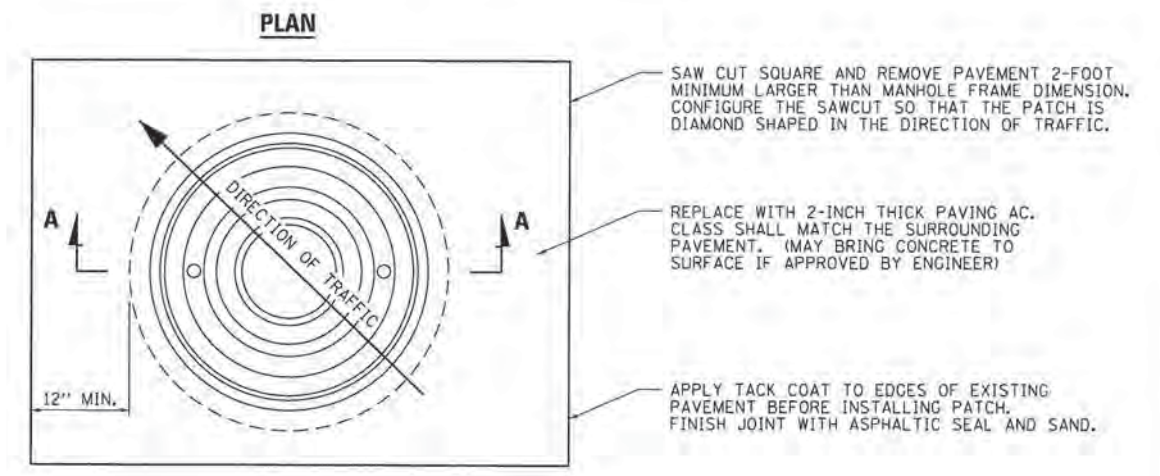


DETAIL OF STANDARD 24" MEDIAN INLET (604101) ON INLET TYPE A

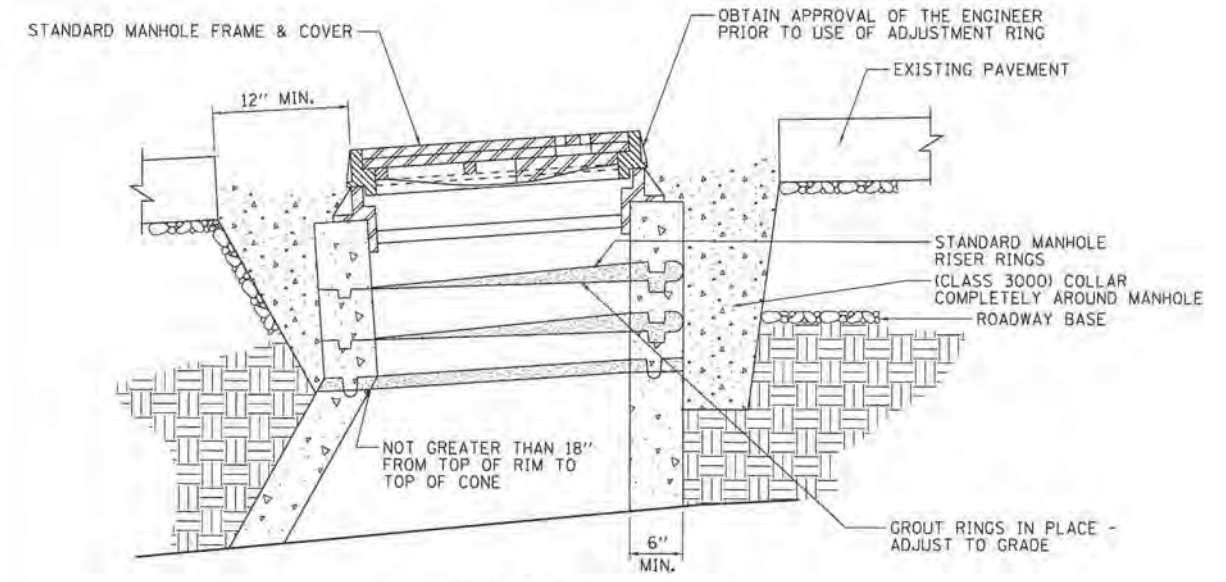


DETAIL OF STANDARD 24" MEDIAN INLET ON RISER PIPE

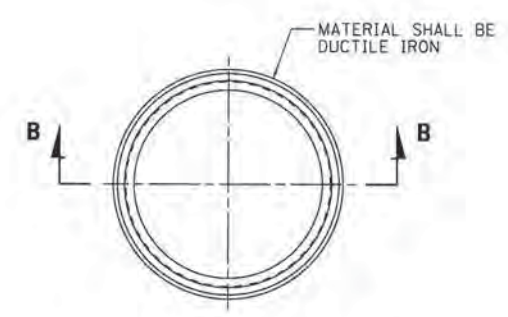
MANHOLE ADJUSTMENT DETAILS



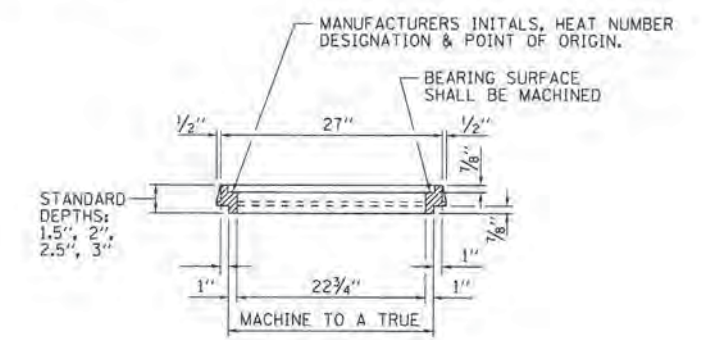
SAW CUT SQUARE AND REMOVE PAVEMENT 2-FOOT MINIMUM LARGER THAN MANHOLE FRAME DIMENSION. CONFIGURE THE SAWCUT SO THAT THE PATCH IS DIAMOND SHAPED IN THE DIRECTION OF TRAFFIC.
REPLACE WITH 2-INCH THICK PAVING AC. CLASS SHALL MATCH THE SURROUNDING PAVEMENT. (MAY BRING CONCRETE TO SURFACE IF APPROVED BY ENGINEER)
APPLY TACK COAT TO EDGES OF EXISTING PAVEMENT BEFORE INSTALLING PATCH. FINISH JOINT WITH ASPHALTIC SEAL AND SAND.



SECTION A-A
TYPICAL MANHOLE GRADE ADJUSTMENT IN STREET



MANHOLE ADJUSTMENT RINGS FOR RESURFACING



SECTION B-B

FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -
L:\Springfield\0702501\Draw\Sheets\Cont...	act.1\VD6-Shi_Details.dgn	DRAWN - GLD/RAH	REVISED -
PLOT SCALE = 20,0000 1/16"	CHECKED - KLT	DATE - MARCH 1, 2016	REVISED -
PLOT DATE = 2/26/2016			

CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS

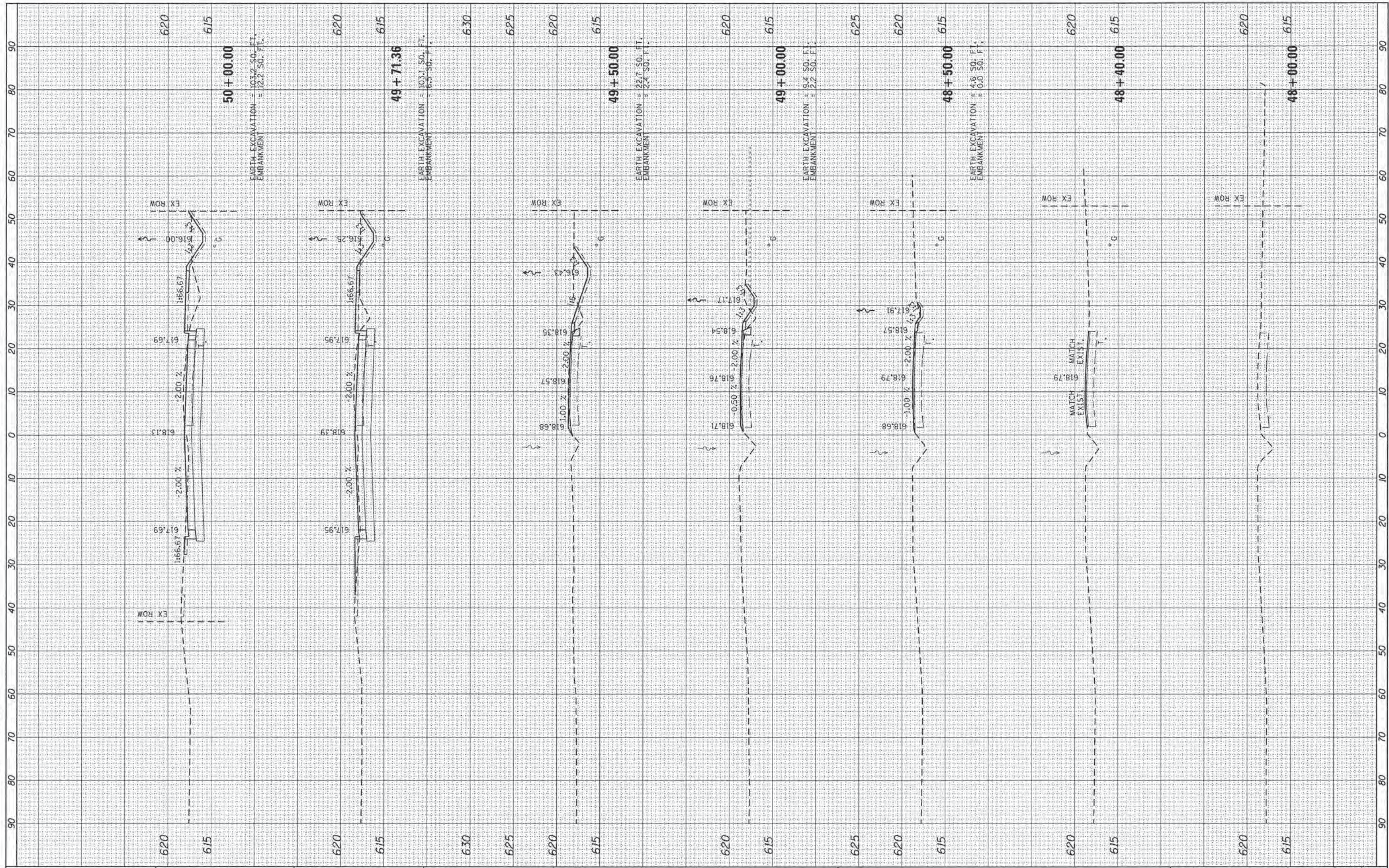
MISCELLANEOUS DETAILS
F.A.U. 8011 (ARCHER ELEVATOR ROAD)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	74
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 93668				

FINAL SURVEY	BY	DATE
5		
ED		
PL		
DATE		
NO.		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
5		
ED		
PL		
DATE		
NO.		
AREAS CHECKED		



FILE NAME = L:\Springfield\0702581\Draw\Sheets\Contract\106-Sht_XSC-ArcherElevator.dgn
 USER NAME = Kristin Tomms
 DESIGNED - KLT
 DRAWN - BB
 CHECKED - KLT
 DATE - MARCH 1, 2016
 PLOT SCALE = 10,0000' / 1" = 1" = 100' = 100000
 PLOT DATE = 2/29/2016

REVISIONS:
 REVISED -
 REVISED -
 REVISED -

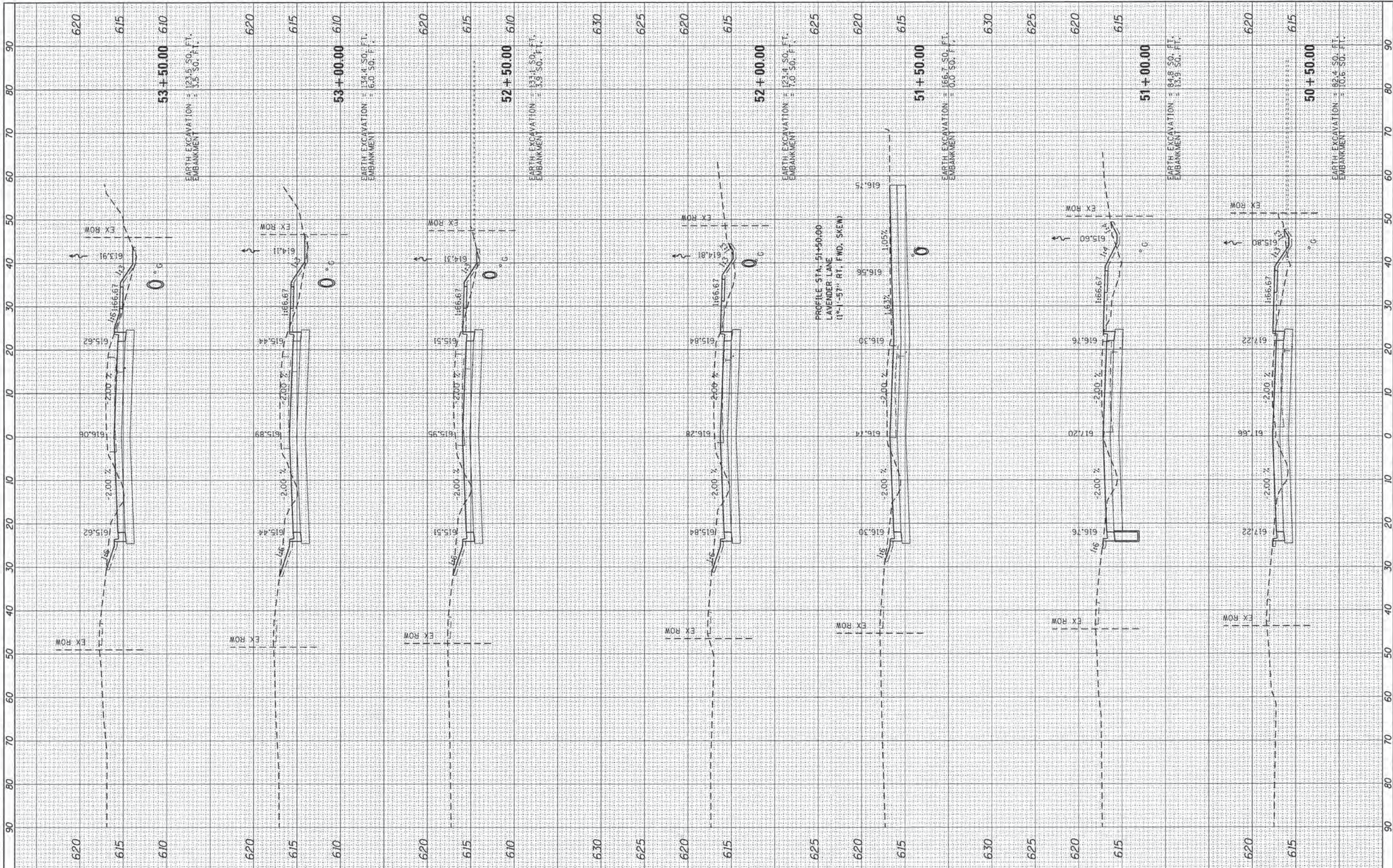
CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS

CROSS SECTIONS
F.A.U. 8011 (ARCHER ELEVATOR ROAD)
 SCALE: SHEET OF SHEETS STA. 48+00.00 TO STA. 50+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	75
CONTRACT NO. 93668			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
NO.		
ED		
PL		
DATE		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
NO.		
ED		
PL		
DATE		
AREAS CHECKED		
NO.		



FILE NAME =
 Li:\Springfield\872521\Draw\Sheets\Contract\J\15-Sht_XSC-ArcherElevator.dgn

USER NAME = Kristin Timmons
 PLT SCALE = 10.0000" = 1'
 PLOT DATE = 2/29/2016

DESIGNED - KLT
 DRAWN - BB
 CHECKED - KLT
 DATE - MARCH 1, 2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

**CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS**

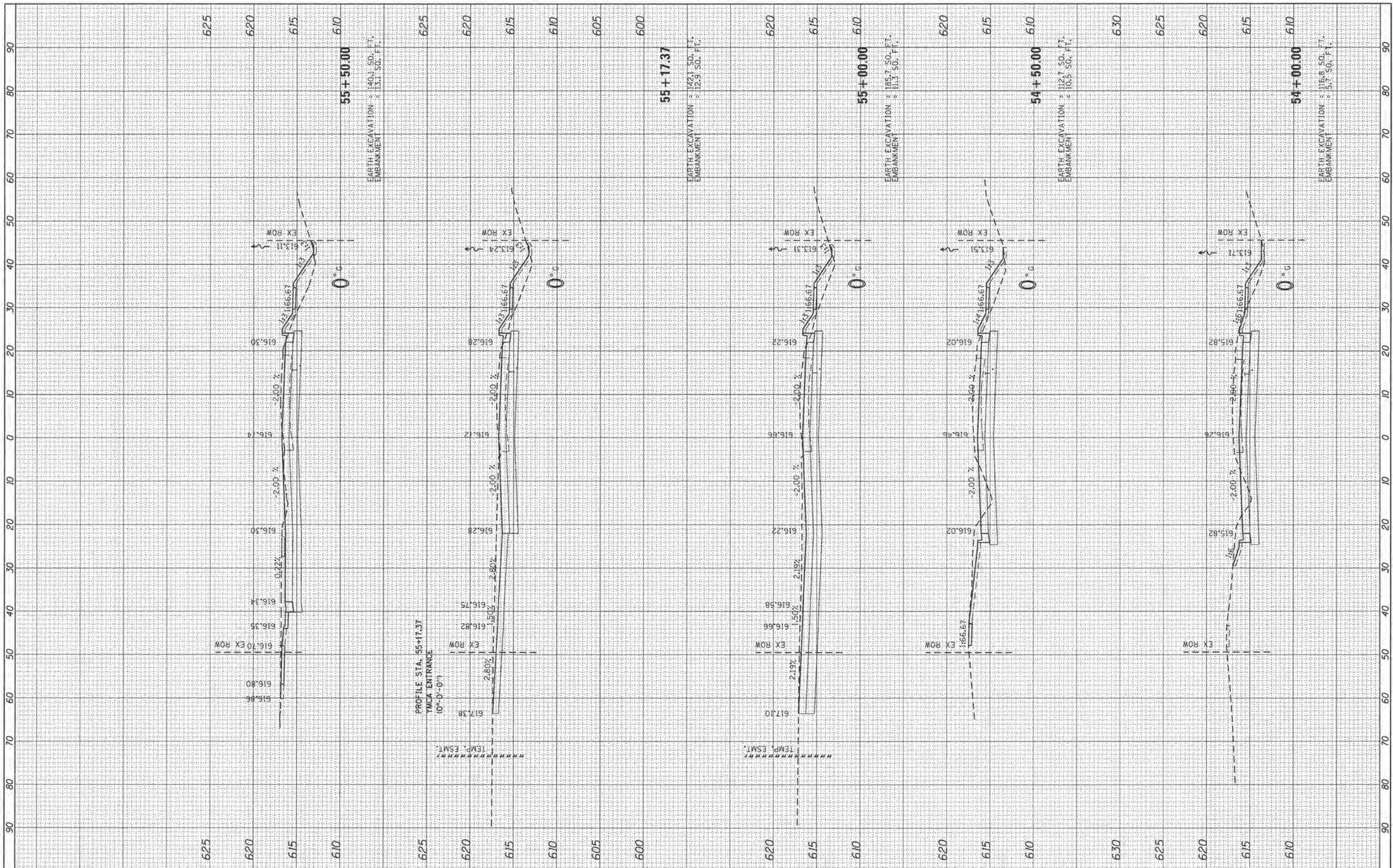
**CROSS SECTIONS
 F.A.U. 8011 (ARCHER ELEVATOR ROAD)**

SCALE: SHEET OF SHEETS STA. 50+50.00 TO STA. 53+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	76
CONTRACT NO. 93668				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
NO. 10		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NO. 10		
NOTE BOOK		
AREAS CHECKED		



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -
L:\Springfield\0702501\Draw\Sheets\Contract\105-Shr_XSC-ArcherElevator.dgn		DRAWN - BB	REVISED -
		CHECKED - KLT	REVISED -
		DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

**CROSS SECTIONS
F.A.U. 8011 (ARCHER ELEVATOR ROAD)**

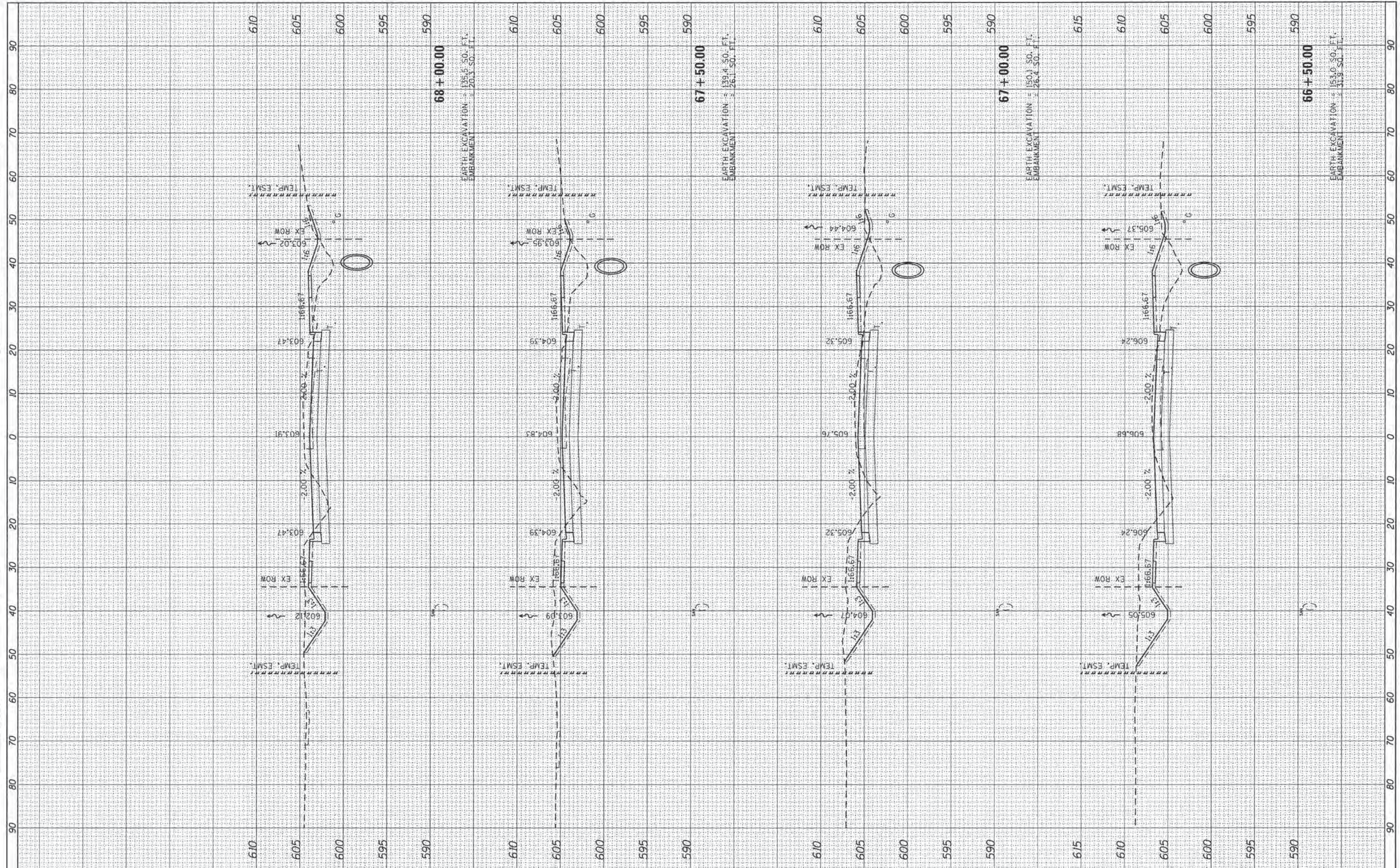
F.A. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 77
			CONTRACT NO. 93668	

SCALE: SHEET OF SHEETS STA. 54+00.00 TO STA. 55+50.00

ILLINOIS FED. AID PROJECT

FINAL SURVEY	DATE
NO. _____	
ED	DATE
PLotted	
TEMPLATE	
AREAS	
CHECKED	

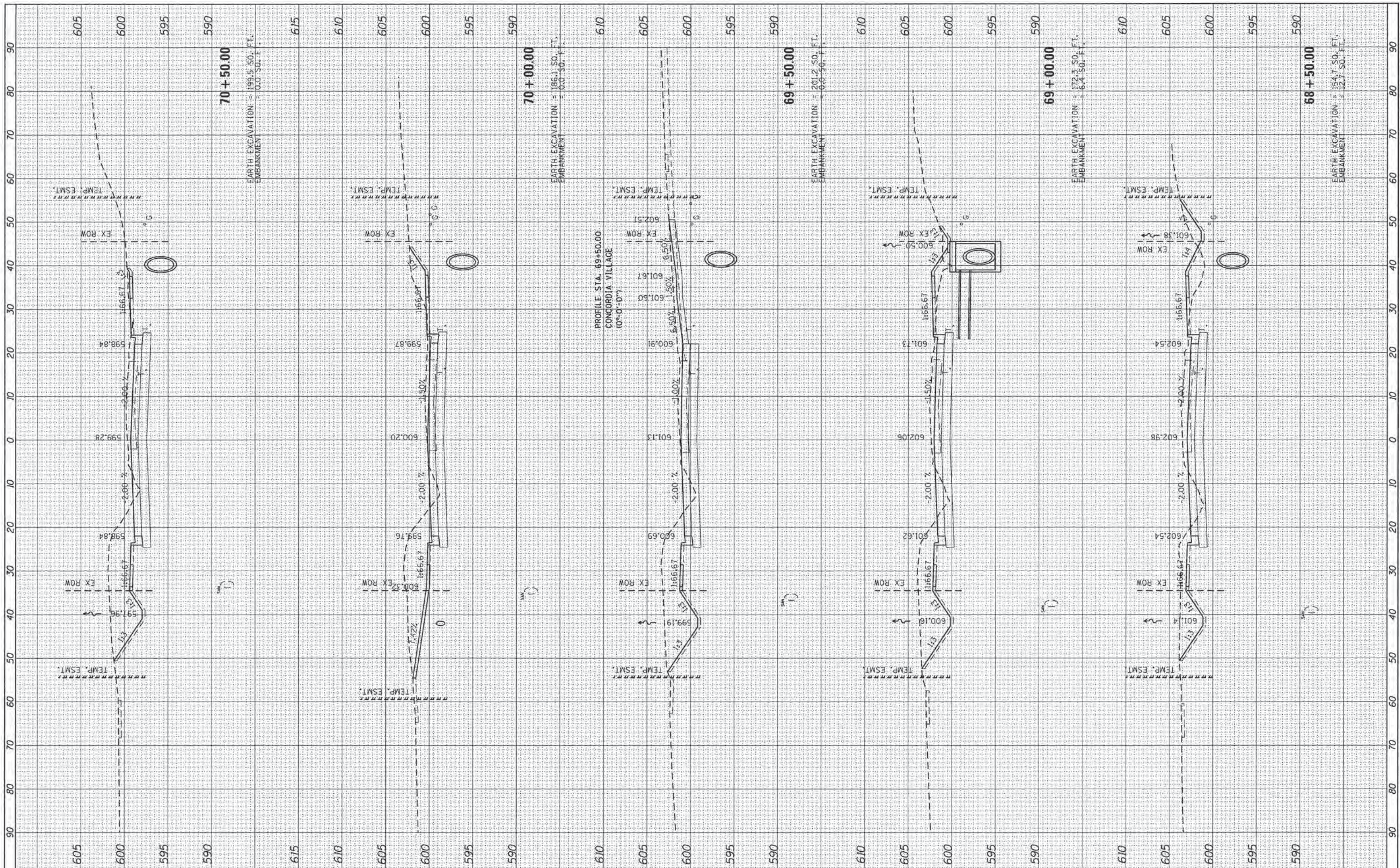
ORIGINAL SURVEY	DATE
NO. _____	
ED	DATE
PLotted	
TEMPLATE	
AREAS	
CHECKED	



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	CROSS SECTIONS F.A.U. 8011 (ARCHER ELEVATOR ROAD)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Li:\Springfield\0702501\Draw\Sheets\Contract\1\05-Sht_XSC-ArcherElevator.dgn	PLLOT SCALE = 10.0000' / in.	DRAWN - BB	REVISED -			8011	15-00431-01-PV	SANGAMON	96	81	
Default	PLLOT DATE = 2/29/2016	CHECKED - KLT	REVISED -			CONTRACT NO. 93668					
		DATE - MARCH 1, 2016	REVISED -			SCALE:	SHEET OF SHEETS	STA. 66+50.00 TO STA. 68+00.00	ILLINOIS FED. AID PROJECT		

FINAL SURVEY	BY	DATE
NO. 1		
NO. 2		
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NO. 10		

ORIGINAL SURVEY	BY	DATE
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NO. 8		
NO. 9		
NO. 10		



FILE NAME = L:\Springfield\0702501\Draw\Sheets\Contract\105-ShLXSC-Archer Elevator.dgn	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -
PLOT SCALE = 10.0000' / 1" =		DRAWN - BB	REVISED -
PLOT DATE = 2/24/2016		CHECKED - KLT	REVISED -
		DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

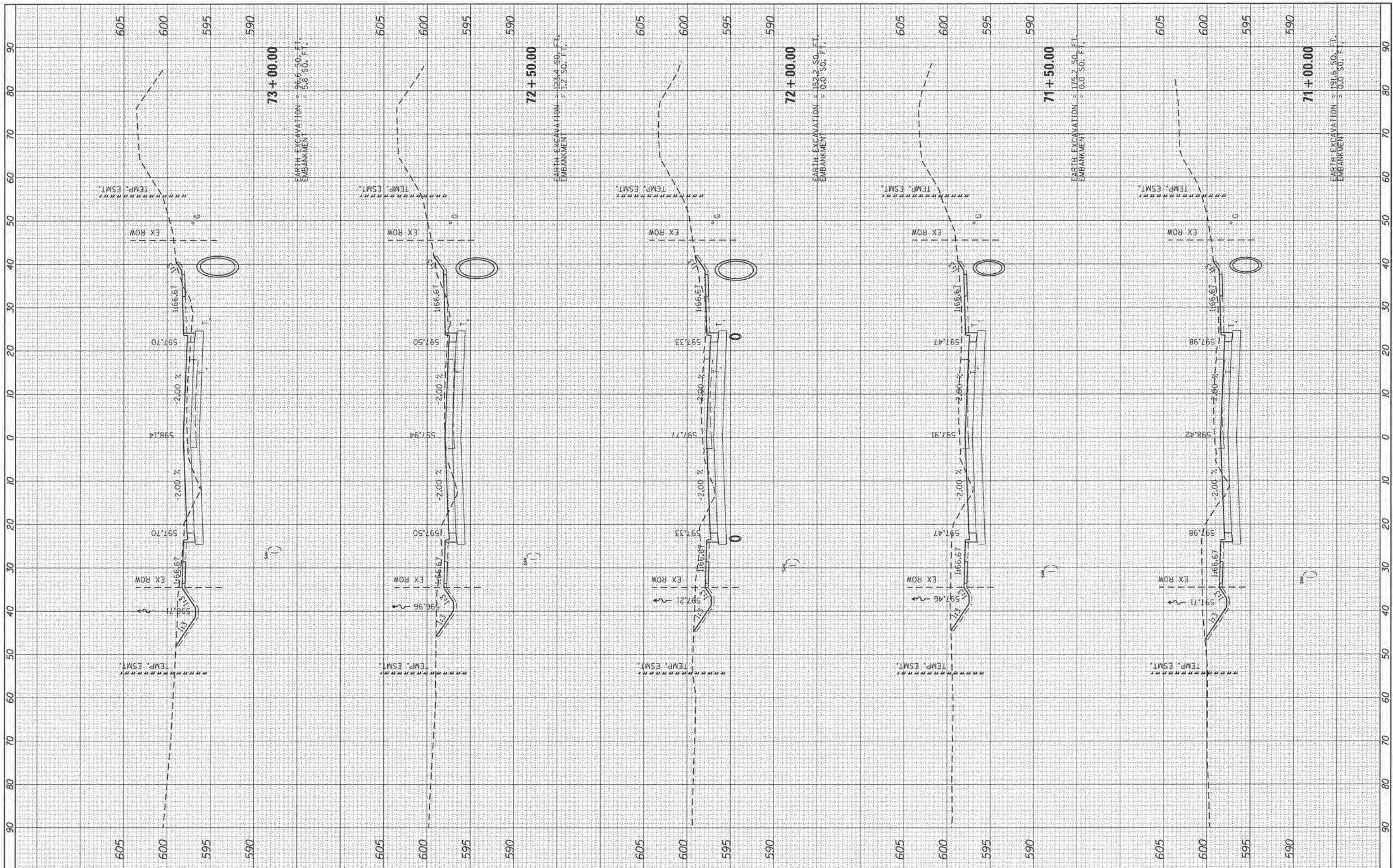
**CROSS SECTIONS
F.A.U. 8011 (ARCHER ELEVATOR ROAD)**

SCALE: SHEET OF SHEETS STA. 68+50.00 TO STA. 70+50.00

F.A. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 82
			CONTRACT NO. 93668	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		
TEMP. ESMT.		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		
TEMP. ESMT.		
AREAS CHECKED		



FILE NAME =
 L:\Springfield\0702501\Draw\Sheets\Contract\1\05-Sht_XSC-ArcherElevator.dgn

USER NAME = Kristin Timmons
 PLOT SCALE = 10.0000' / in.
 PLOT DATE = 2/29/2016

DESIGNED - KLT
 DRAWN - BB
 CHECKED - KLT
 DATE - MARCH 1, 2016

REVISED -
 REVISED -
 REVISED -
 REVISED -

**CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS**

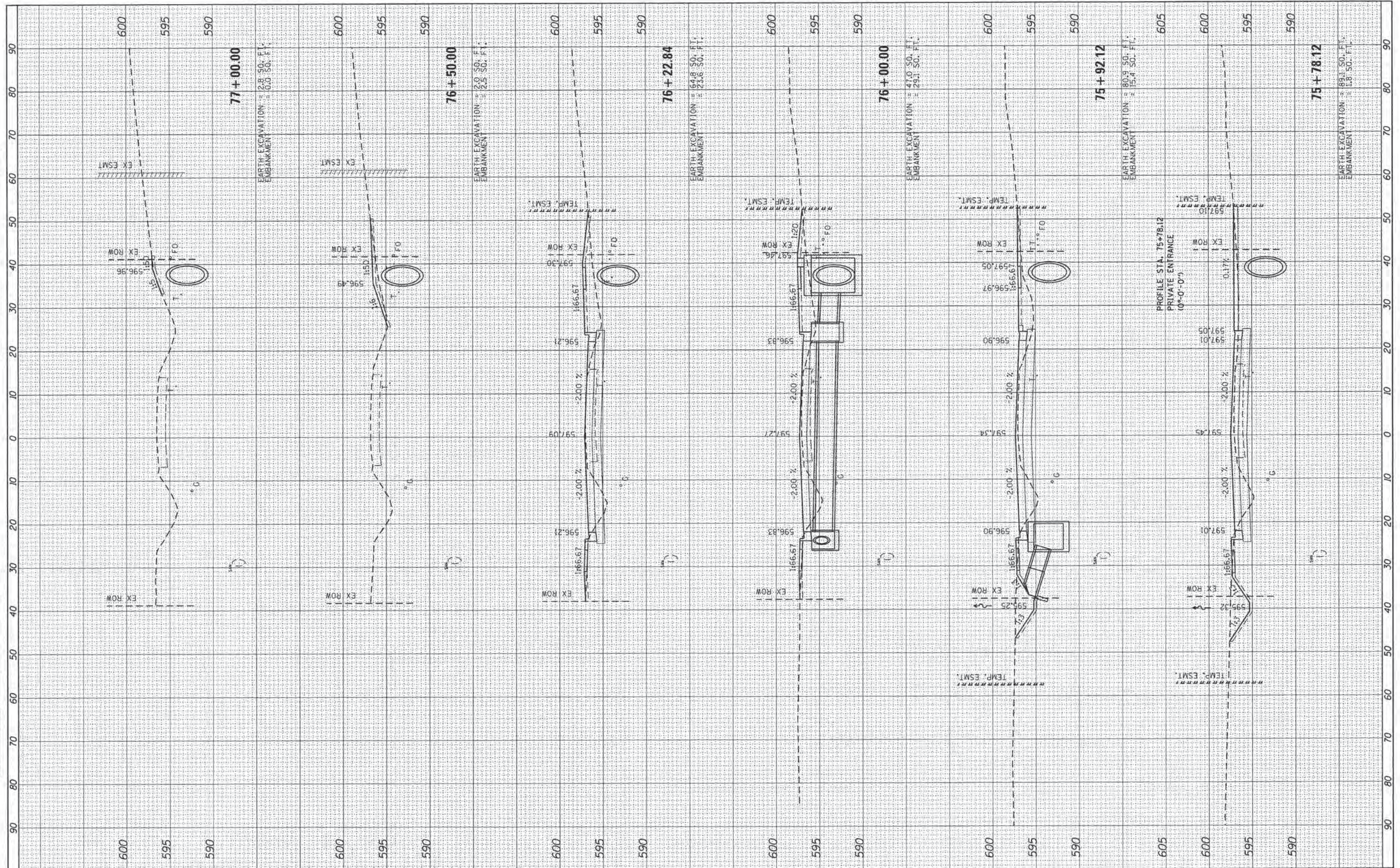
**CROSS SECTIONS
 F.A.U. 8011 (ARCHER ELEVATOR ROAD)**

SCALE: SHEET OF SHEETS STA. 71+00.00 TO STA. 73+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	83
CONTRACT NO. 93668			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
REVISED SURVEY		
NOTE BOOK NO.		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
REVISED SURVEY		
NOTE BOOK NO.		
AREAS CHECKED		



FILE NAME = L:\Springfield\0702501\Draw\Sheets\Contract\1\05-Sht_XSC-ArcherElevator.dgn
 USER NAME = Kristin Timmons
 PLOT SCALE = 10.0000' / 1" / in.
 PLOT DATE = 2/24/2016

DESIGNED -	KLT	REVISED -	
DRAWN -	BB	REVISED -	
CHECKED -	KLT	REVISED -	
DATE -	MARCH 1, 2016	REVISED -	

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

**CROSS SECTIONS
F.A.U. 8011 (ARCHER ELEVATOR ROAD)**

SCALE: SHEET OF SHEETS STA. 75+78.12 TO STA. 77+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	85
CONTRACT NO. 93668				
[ILLINOIS] FED. AID PROJECT				

FINAL SURVEY	BY	DATE
NO. _____		
PLotted		
AREAS CHECKED		

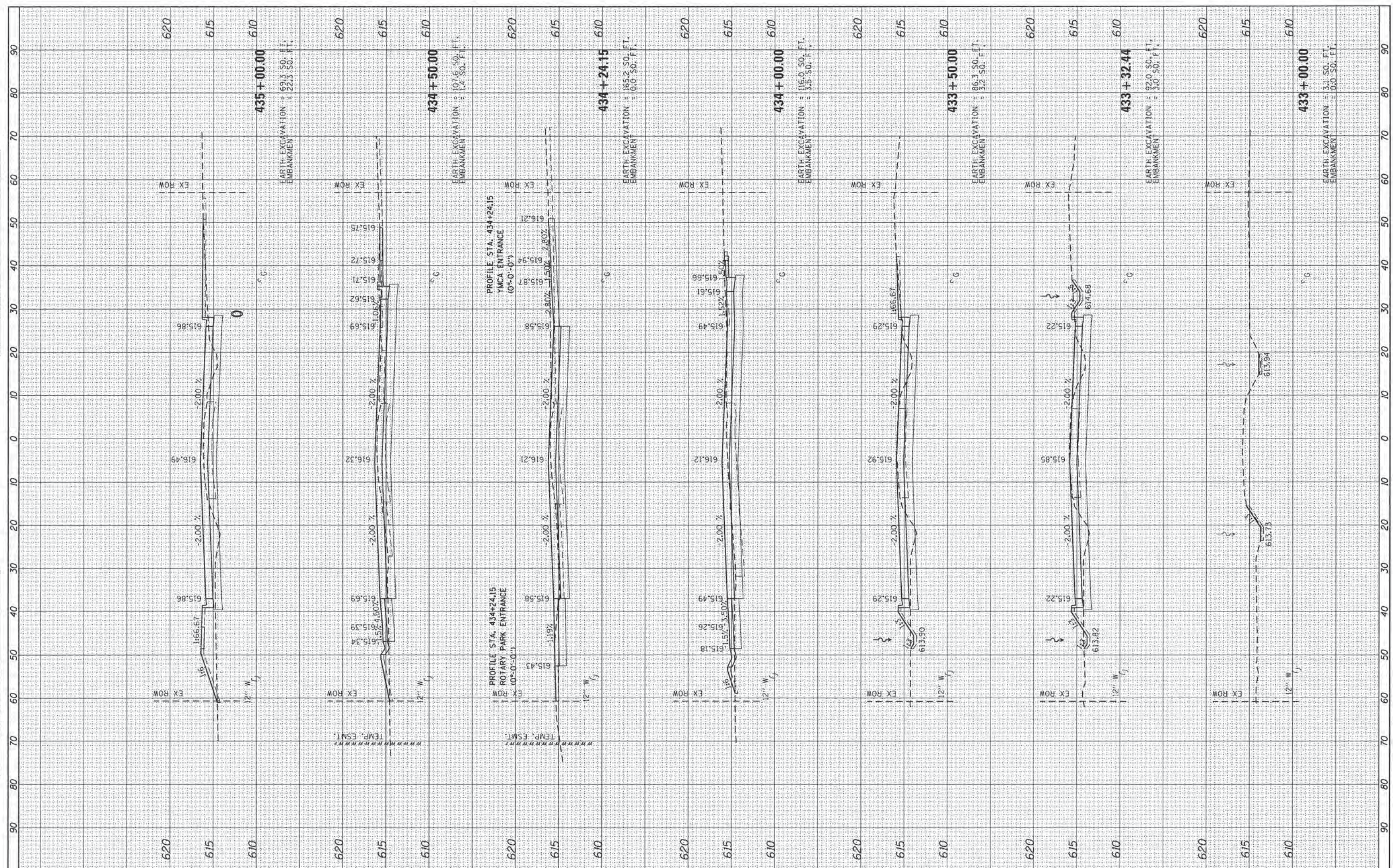
ORIGINAL SURVEY	BY	DATE
NO. _____		
PLotted		
AREAS CHECKED		



FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -	CITY OF SPRINGFIELD DEPARTMENT OF PUBLIC WORKS	CROSS SECTIONS F.A.U. 8011 (ARCHER ELEVATOR ROAD)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
L:\Springfield\0702501\Draw\Sheets\Contract_1\25-Sht_XSC-ArcherElevator.dgn	DRAWN - BB	REVISÉ -	8011			15-00431-01-PV	SANGAMON	96	86	
Default	PLLOT SCALE = 10.0000' / in.	CHECKED - KLT	REVISED -			CONTRACT NO. 93668				
	PLLOT DATE = 2/29/2016	DATE - MARCH 1, 2016	REVISED -			[ILLINOIS] FED. AID PROJECT				
SCALE:					SHEET OF SHEETS		STA. 77+50.00 TO STA. 78+00.00			

FINAL SURVEY	BY	DATE
NO. _____		
PLotted		
TEMPLATE		
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ORIGINAL SURVEY	BY	DATE
NO. _____		
PLotted		
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FILE NAME =	USER NAME = Kristin Timmons
L:\Springfield\0702501\Draw\Sheets\Contract_1\156-Shr_XSC-11es Avenue.dgn	
PLLOT SCALE = 10.0000' / in.	
PLLOT DATE = 2/29/2016	

DESIGNED - KLT	REVISED -
DRAWN - BB	REVISED -
CHECKED - KLT	REVISED -
DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

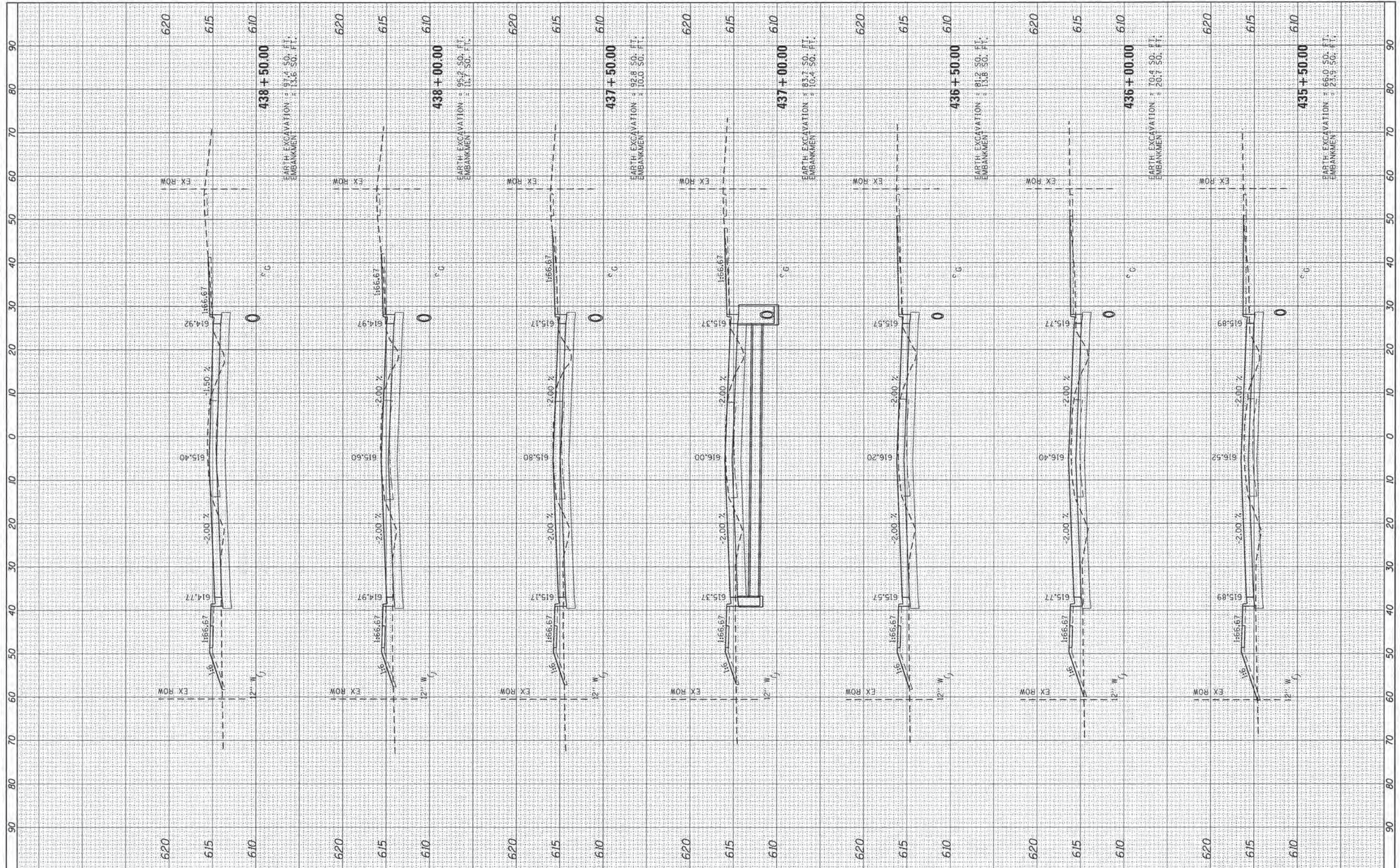
SCALE:	SHEET	OF	SHEETS	STA. 433+00.00	TO	STA. 435+00.00
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**CROSS SECTIONS
F.A.U. 8047A (ILES AVENUE)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	87
CONTRACT NO. 93668			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
PLANNED		
NOTE BOOK		
AREAS CHECKED		
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ORIGINAL SURVEY	BY	DATE
PLANNED		
NOTE BOOK		
AREAS CHECKED		
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FILE NAME =
 L:\Springfield\0702501\Draw\Sheets\Contract\1\05-Sht_XSC-11es Avenue.dgn

USER NAME = Kristin Timmons
 PLOT SCALE = 10.0000" = 1' in.
 PLOT DATE = 2/29/2016

DESIGNED - KLT
 DRAWN - BB
 CHECKED - KLT
 DATE - MARCH 1, 2016

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**CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS**

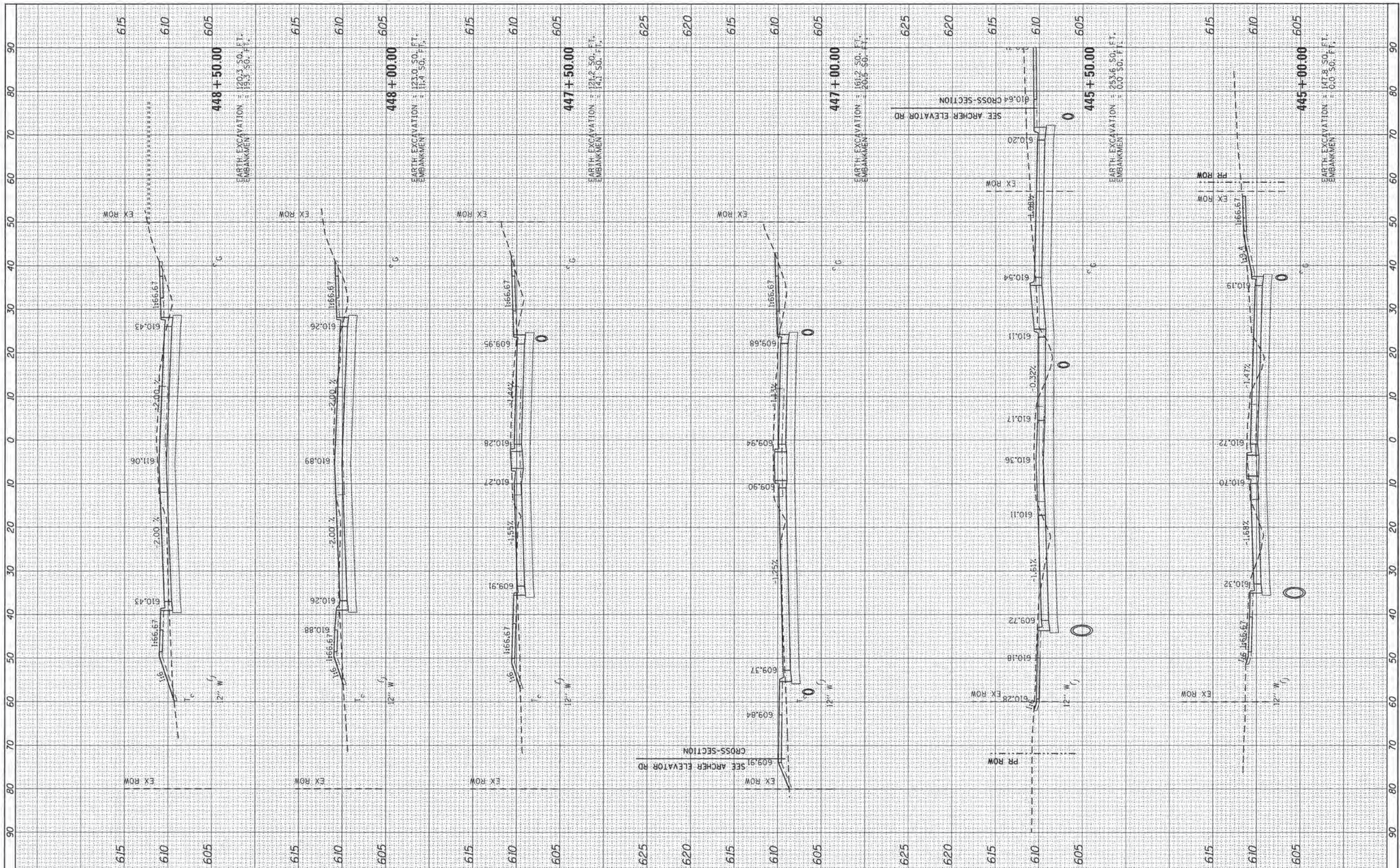
**CROSS SECTIONS
 F.A.U. 8047A (ILES AVENUE)**

SCALE: SHEET OF SHEETS STA. 435+50.00 TO STA. 438+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	88
CONTRACT NO. 93668			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
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ORIGINAL SURVEY	BY	DATE
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FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -
L:\Springfield\0702501\Draw\Sheets\Contract\105-Sht_XSC-1les Avenue.dgn		DRAWN - BB	REVISED -
		CHECKED - KLT	REVISED -
		DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

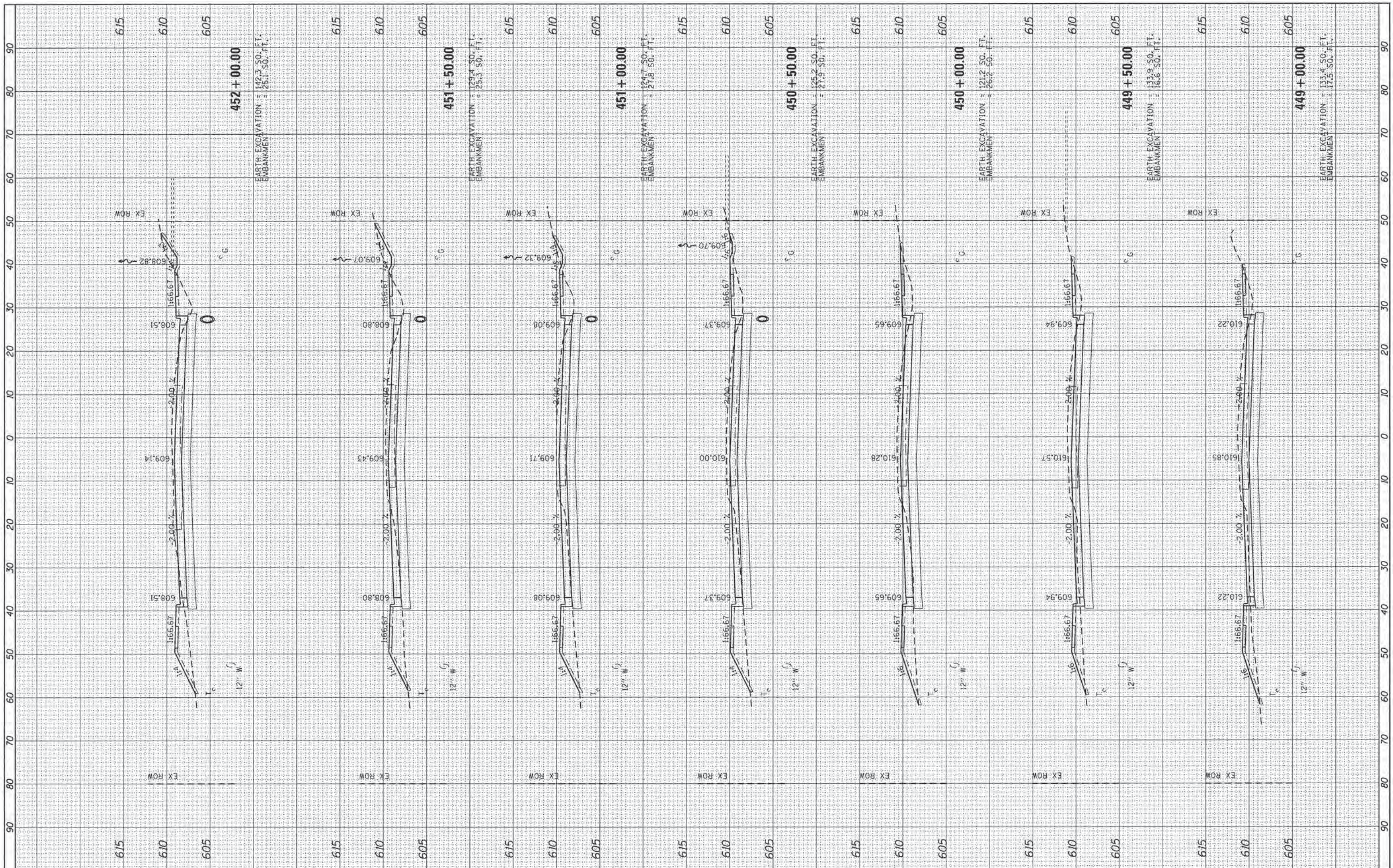
**CROSS SECTIONS
F.A.U. 8047A (ILES AVENUE)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	91
CONTRACT NO. 93668			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. 445+00.00 TO STA. 448+50.00

FINAL SURVEY	NO.
NO. 1	
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ORIGINAL SURVEY	NO.
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FILE NAME =	USER NAME = Kristin Timmons	DESIGNED - KLT	REVISED -
L:\Springfield\0722501\Draw\Sheets\Contract\1\05-Shr_XSC-11es Avenue.dgn		DRAWN - BB	REVISED -
		CHECKED - KLT	REVISED -
		DATE - MARCH 1, 2016	REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

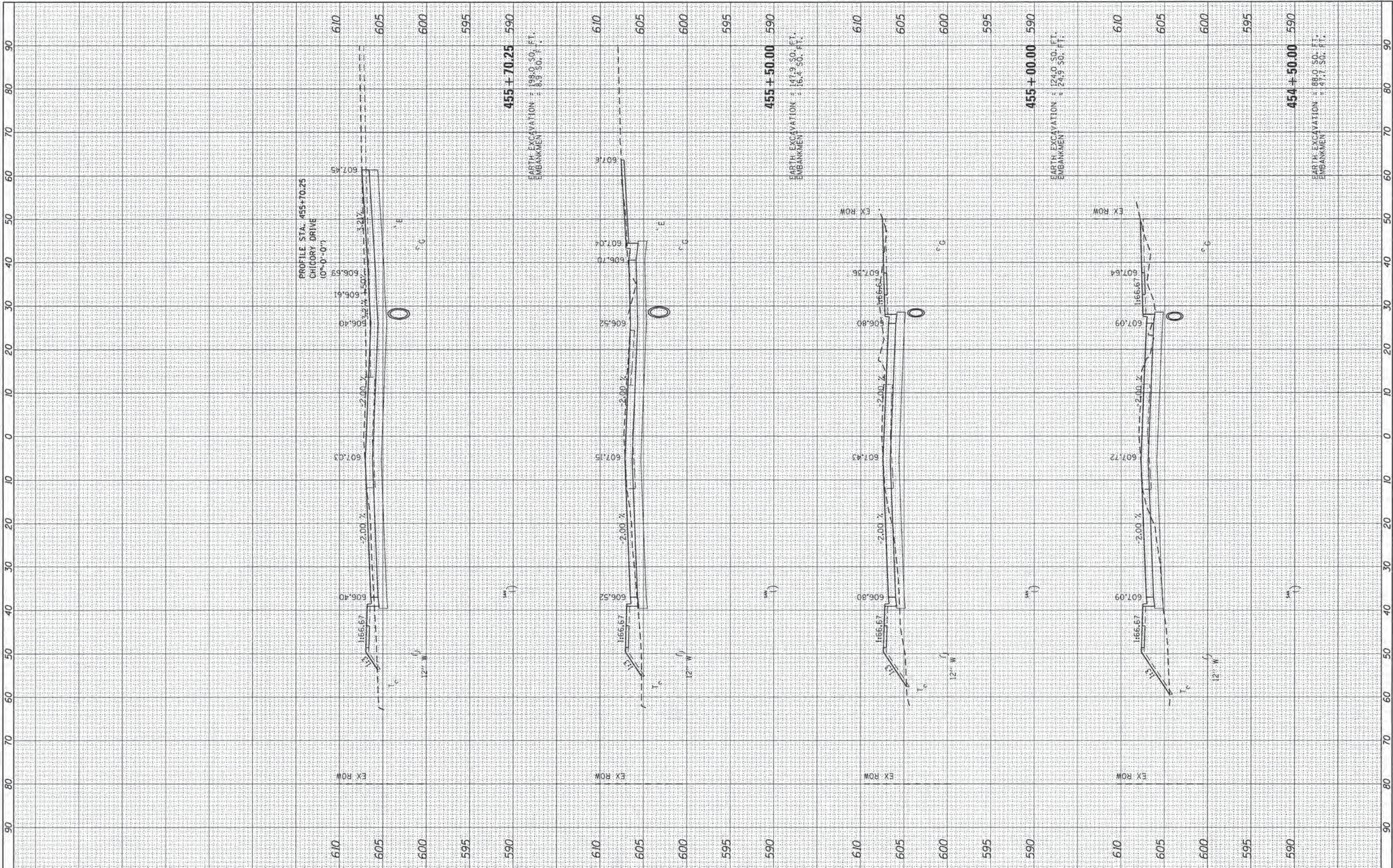
**CROSS SECTIONS
F.A.U. 8047A (ILES AVENUE)**

SCALE: SHEET OF SHEETS STA. 449+00.00 TO STA. 452+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B011	15-00431-01-PV	SANGAMON	96	92
CONTRACT NO. 93668			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	BY	DATE
NO. 1		
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ORIGINAL SURVEY	BY	DATE
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EARTH EXCAVATION = 198.0 SQ. FT.
EMBANKMENT = 8.8 SQ. FT.

EARTH EXCAVATION = 147.9 SQ. FT.
EMBANKMENT = 16.4 SQ. FT.

EARTH EXCAVATION = 124.0 SQ. FT.
EMBANKMENT = 24.9 SQ. FT.

EARTH EXCAVATION = 88.0 SQ. FT.
EMBANKMENT = 47.7 SQ. FT.

FILE NAME =
L:\Springfield\0702501\Draw\Sheets\Contract.L\15-Sh.L.XSC-ILES Avenue.dgn

USER NAME = Kristin Timmons
DRAWN = BB
CHECKED = KLT
DATE = MARCH 1, 2016

DESIGNED = KLT
REVISIONS:
REVISED -
REVISED -
REVISED -
REVISED -

**CITY OF SPRINGFIELD
DEPARTMENT OF PUBLIC WORKS**

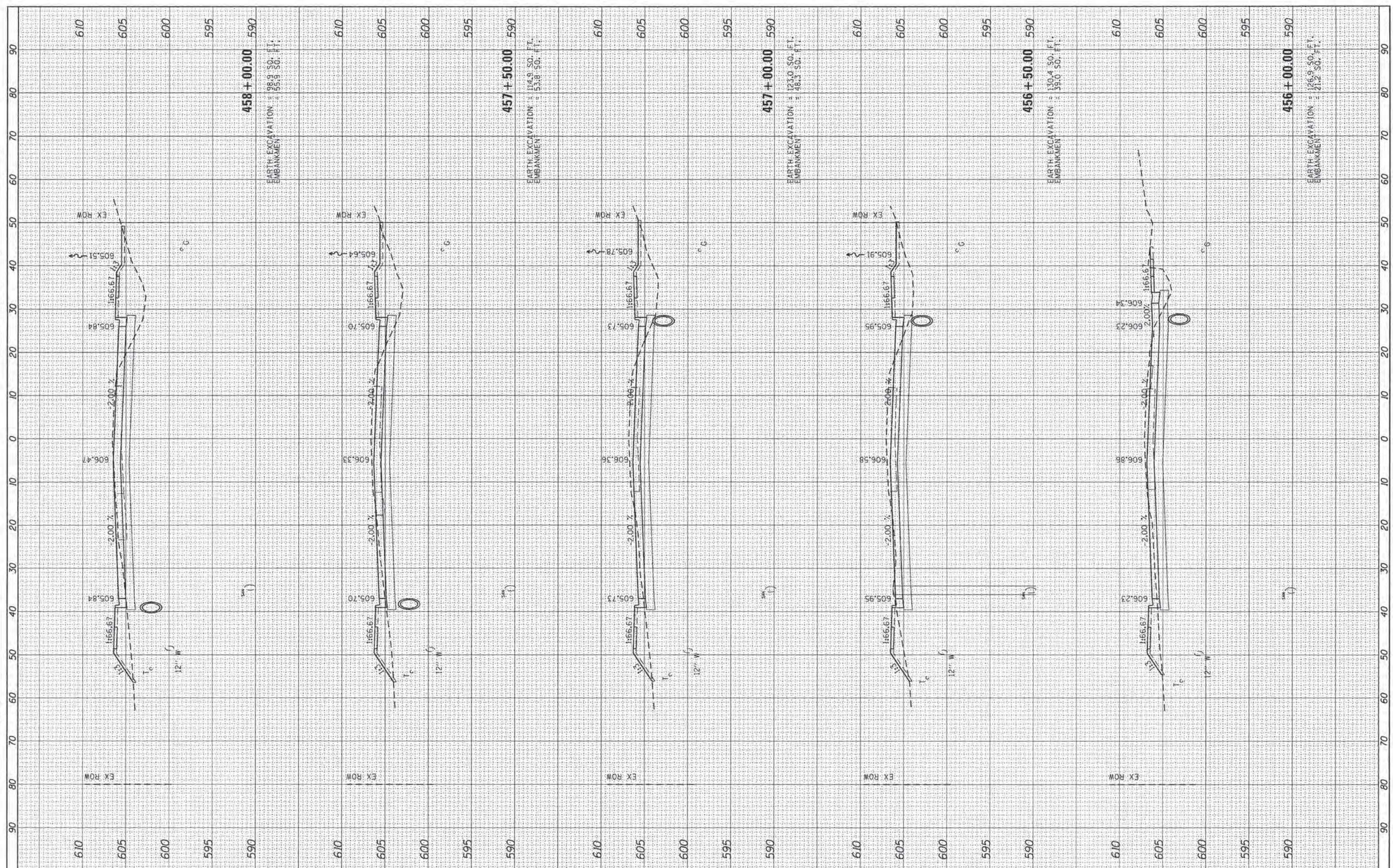
**CROSS SECTIONS
F.A.U. 8047A (ILES AVENUE)**

SCALE: SHEET OF SHEETS STA. 454+50.00 TO STA. 455+70.25

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8011	15-00431-01-PV	SANGAMON	96	94
CONTRACT NO. 93668			ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____

ORIGINAL SURVEY	DATE
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____
NO. _____	_____



FILE NAME = L:\Springfield\0722501\DrawSheets\Contract\15-Sht_XSC-Iles Avenue.dgn
 USER NAME = Kristin Timmons
 PLOT SCALE = 10.0000 / 1 in.
 PLOT DATE = 2/24/2016

DESIGNED - KLT
 DRAWN - BB
 CHECKED - KLT
 DATE - MARCH 1, 2016

REVISED -
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 REVISED -

**CITY OF SPRINGFIELD
 DEPARTMENT OF PUBLIC WORKS**

**CROSS SECTIONS
 F.A.U. 8047A (ILES AVENUE)**

SCALE: SHEET OF SHEETS STA. 456+00.00 TO STA. 458+00.00

F.A. RTE. 8011	SECTION 15-00431-01-PV	COUNTY SANGAMON	TOTAL SHEETS 96	SHEET NO. 95
CONTRACT NO. 93668			[ILLINOIS] FED. AID PROJECT	

