

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

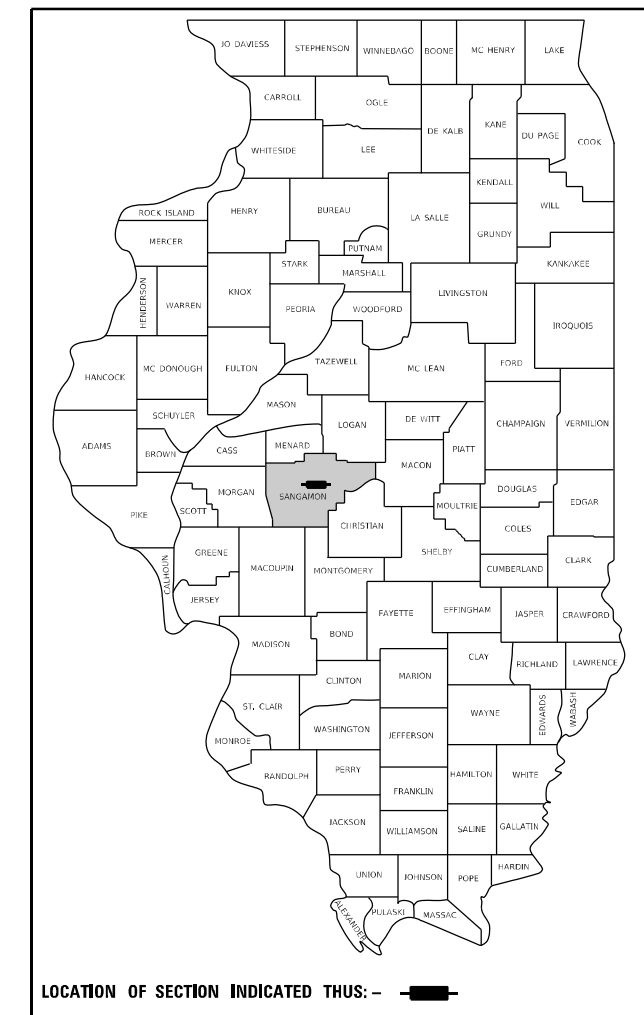
**PROPOSED SITE PLANS FOR
HANLEY COMPLEX
DISTRICT 6 PARKING LOTS**

FAP 663 (DIRKSEN PARKWAY)
SECTION HANLEY PARKING 2022
SITE DEVELOPMENT
SANGAMON COUNTY

C-96-010-23

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	1
		ILLINOIS	CONTRACT NO. 72401	

D-96-081-20



LOCATION OF SECTION INDICATED THUS: - [Arrow] -

INDEX OF SHEETS
SEE SHEET 2 FOR "INDEX OF SHEETS"
HIGHWAY STANDARDS
SEE SHEET 2 FOR "HIGHWAY STANDARDS"



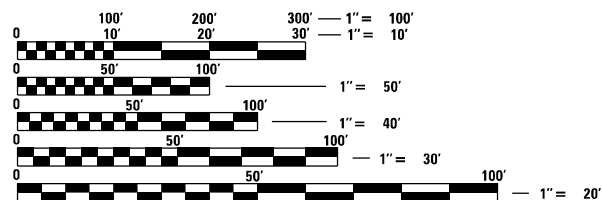
Francis B. Nelson III

FRANCIS B. NELSON III ILLINOIS P.E. 062.059187
EXPIRES 11/30/2023

05/02/2022
DATE

SIGNATURE AND SEAL APPLY TO ALL SHEETS
EXCEPT AS NOTED: LIGHTING SHEETS

QEI
QUIGG ENGINEERING INC
2351 SOUTH DIRKSEN PARKWAY
SPRINGFIELD, ILLINOIS 62703
217-670-0563 (P)
www.quiggeengineering.com

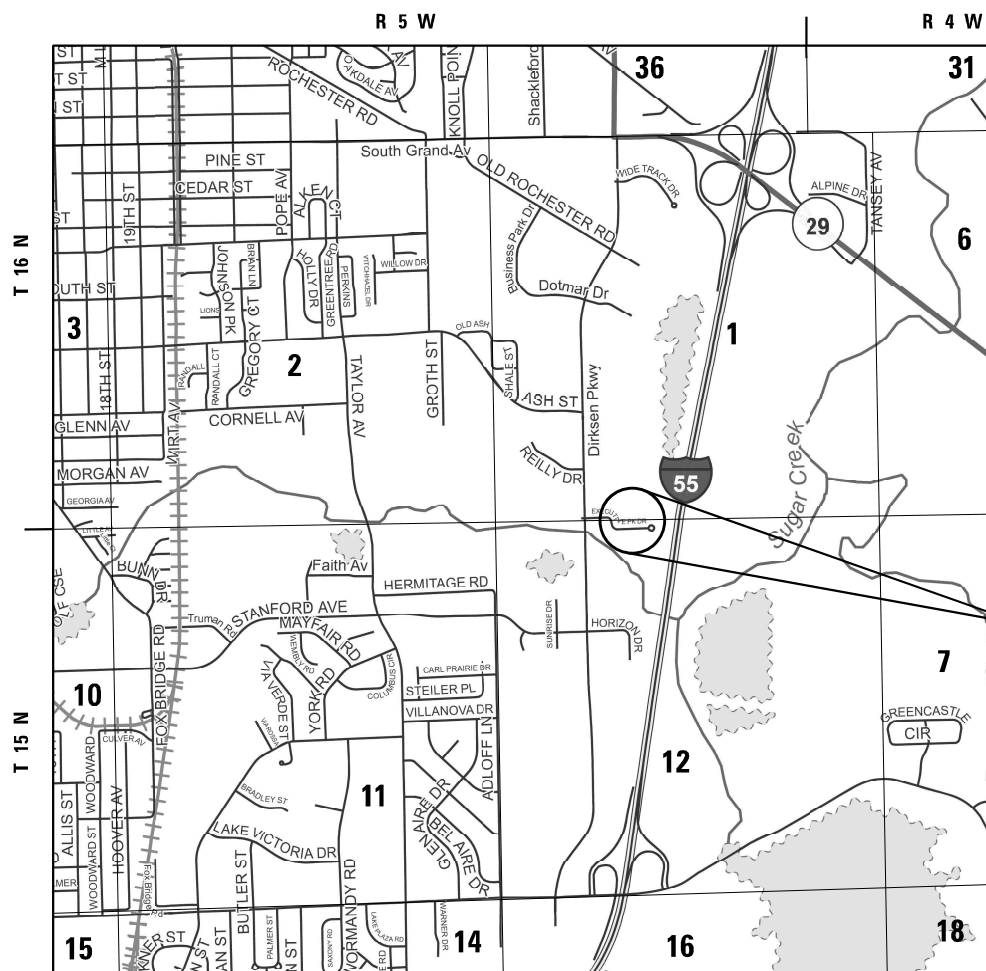


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER JAY WAVERING: 217-785-9046
PROJECT MANAGER

CONTRACT NO. 72401



TOWNSHIP: CAPITAL
SECTION: 12

PROJECT LOCATION

LOCATION MAP

APPROXIMATE SCALE = 1" = 1,320'

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 3, 2022

Jay P. Mager
REGIONAL ENGINEER

June 10, 2022
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

June 10, 2022
Stephen M. Spauld
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS


INDEX OF SHEETS


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HIGHWAY STANDARDS

STD NO.	DESCRIPTION
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420101-07	24' (7.2 M) JOINTED PCC PAVEMENT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-05	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE, TYPE 3
604051-04	FRAME AND GRATE, TYPE 11
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-04	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
664001-02	CHAIN LINK FENCE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
BLR 28-1	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
001006	DECIMAL OF AN INCH AND OF A FOOT
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
821101-02	LUMINAIRE WIRING IN POLE
836001-04	LIGHT POLE FOUNDATION

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

EXAMINED April 21 2022

ENGINEER OF OPERATIONS

EXAMINED April 25 2022

ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED April 25 2022

ENGINEER OF PROGRAM DEVELOPMENT

REV. - MS

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GENERAL NOTES

1. THE HORIZONTAL SURVEY DATUM IS ILLINOIS STATE PLANE COORDINATES, WEST ZONE NAD 83 (CORS 96). THE SURVEY DATUM USED FOR ELEVATION IS NAVD 88.
2. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
3. CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND EROSION PROTECTION FOR THE DURATION OF THIS PROJECT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PROJECT. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. LAYOUT OF EROSION CONTROL ITEMS MAY BE VARIED IN THE FIELD AS DIRECTED BY THE ENGINEER TO SUIT GROUND CONDITIONS.
4. ALL DISTURBED UNSURFACED AREAS WITHIN THE ROW AND EASEMENTS SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS, SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. FERTILIZER NUTRIENTS SHALL BE APPLIED TO BOTH THE SEEDED AREAS AND THE AREAS COVERED WITH EROSION CONTROL BLANKET. DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS.
5. GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES, OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW CUTS OR FILLS 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. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. ALL DRAINAGE STRUCTURES SHALL BE FREE OF SILT, DEBRIS, OR OTHER SUCH OBSTRUCTIONS AT THE TIME OF FINAL INSPECTION. THE CLEANING OF THESE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS INVOLVED.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATER MAINS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION OR EXTENSION OF THE UTILITY INVOLVED.
8. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. THE CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES.

APPLICATION RATES

ALL BITUMINOUS ITEMS.....	= 112 LBS / SQ YD / INCH
BITUMINOUS MATERIALS (TACK COAT) BTW LIFTS.....	= 0.025 LBS / SQ FT
ALL AGGREGATE ITEMS FOR ROADWAY.....	= 2.05 TONS / CU YD
STONE DUMPED RIPRAP.....	= 1.50 TONS / CU YD
NITROGEN FERTILIZER NUTRIENT.....	= 90 LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT.....	= 90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT.....	= 90 LBS / ACRE
MULCH, METHOD 2.....	= 2 TONS / ACRE
TEMPORARY EROSION CONTROL SEEDING.....	= 100 LBS / ACRE

MIXTURE REQUIREMENTS

MIXTURE USE(S):	HMA BINDER COURSE (ALL LIFTS)	HMA SURFACE COURSE (TOP LIFT)
AC/PG	SBS PG 64-28	SBS PG 70-28
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-19.0	IL-9.5FG
FRICTION AGGREGATE	N/A	MIX C
QUALITY MANAGEMENT	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
MTD	NO	NO

ENGINEER DENSITY VERIFICATION FOR BINDER SHALL UTILIZE CORES.
ENGINEER DENSITY VERIFICATION FOR SURFACE SHALL UTILIZE AN UNCORRELATED NUCLEAR GAUGE.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	3
			CONTRACT NO. 72401	
ILLINOIS FED. AID PROJECT				

100% STATE

PPS # 6-01601-9999

CONSTRUCTION TYPE CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY (LOT A)	ROADWAY (LOT B)	LIGHTING
				0004 URBAN	0004 URBAN	0021 URBAN
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16		16	
20100500	TREE REMOVAL, ACRES	ACRE	0.27	0.11	0.16	
20101100	TREE TRUNK PROTECTION	EACH	5	1	4	
20200100	EARTH EXCAVATION	CU YD	2,993	1,023	1,970	
20800150	TRENCH BACKFILL	CU YD	106	4	102	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	212	82	130	
25000100	SEEDING, CLASS 1	ACRE	0.40	0.15	0.25	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	36	14	22	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	36	14	22	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	36	14	22	
25100125	MULCH, METHOD 3	ACRE	0.40	0.15	0.25	
25100630	EROSION CONTROL BLANKET	SQ YD	1,899	730	1,169	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	40	15	25	
28000305	TEMPORARY DITCH CHECKS	FOOT	53		53	

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	4
			CONTRACT NO. 72401	
		ILLINOIS	FED. AID PROJECT	

100% STATE

PPS # 6-01601-9999

CONSTRUCTION TYPE CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY (LOT A)	ROADWAY (LOT B)	LIGHTING
				0004 URBAN	0004 URBAN	0021 URBAN
28000400	PERIMETER EROSION BARRIER	FOOT	1,133	719	414	
28000500	INLET AND PIPE PROTECTION	EACH	11	5	6	
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	6,223	3,531	2,692	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	3,000	1,890	1,110	
40603230	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,257	791	466	
40604100	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50	TON	472	297	175	
40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,263	795	468	
42000211	PORTLAND CEMENT CONCRETE PAVEMENT 7 1/2" (JOINTED)	SQ YD	628		628	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,599	1,170	429	
42400800	DETECTABLE WARNINGS	SQ FT	84	24	60	
44000100	PAVEMENT REMOVAL	SQ YD	6,134	3,459	2,675	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	78		78	
44000300	CURB REMOVAL	FOOT	62	62		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,124	997	1,127	

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	5
			CONTRACT NO. 72401	
		ILLINOIS FED. AID PROJECT		

100% STATE

PPS # 6-01601-9999

CONSTRUCTION TYPE CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY (LOT A)	ROADWAY (LOT B)	LIGHTING
				0004 URBAN	0004 URBAN	0021 URBAN
44000600	SIDEWALK REMOVAL	SQ FT	247	247		
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	35		35	
50102400	CONCRETE REMOVAL	CU YD	16	4	12	
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1		1	
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	279	20	259	
55100500	STORM SEWER REMOVAL 12"	FOOT	110	110		
56107100	REMOVE AND RELOCATE WATER MAIN, 6"	FOOT	60		60	
56109300	WATER VALVES TO BE MOVED	EACH	2	1	1	
56400100	FIRE HYDRANTS TO BE MOVED	EACH	2	1	1	
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	1	1	
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	2		2	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	4	2	2	
60255500	MANHOLES TO BE ADJUSTED	EACH	3	1	2	
60500060	REMOVING INLETS	EACH	1	1		
60600605	CONCRETE CURB, TYPE B	FOOT	62	62		

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	6
CONTRACT NO.			72401	
ILLINOIS		FED. AID PROJECT		

100% STATE			PPS # 6-01601-9999		
			CONSTRUCTION TYPE CODE		
	ROADWAY (LOT A)	ROADWAY (LOT B)	LIGHTING		
	0004	0004	0021		
	URBAN	URBAN	URBAN		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY (LOT A)	ROADWAY (LOT B)	LIGHTING
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,970	978	992	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	253		253	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	643	238	405	
67100100	MOBILIZATION	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.5	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	18	18		
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	13	10	3	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	108	108		
* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	4	4		
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	172	172		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	4,012	2,688	1,324	
* 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1,000			1,000
* 81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	1			1
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2,400			2,400
* 82110005	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	18			18

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NONE	SHEET 4 OF 5 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	7
			CONTRACT NO. 72401	
		ILLINOIS FED. AID PROJECT		

100% STATE

PPS # 6-01601-9999

CONSTRUCTION TYPE CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
				ROADWAY (LOT A)	ROADWAY (LOT B)	LIGHTING
				0004 URBAN	0004 URBAN	0021 URBAN
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	140			140
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	10			10
84200804	REMOVAL OF POLE FOUNDATION	EACH	10			10
X0301339	REMOVE EXISTING PARKING BLOCKS	EACH	25		25	
X6640308	CHAIN LINK GATES (SPECIAL)	EACH	2		2	
X6640560	CHAIN LINK FENCE, 6' (SPECIAL)	FOOT	245		245	
* X8300001	LIGHT POLE, SPECIAL	EACH	10			10
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1500	1500		
Z0062456	TEMPORARY PAVEMENT	SQ YD	22		22	

* SPECIALTY ITEMS

∅ 0042

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	8
			CONTRACT NO. 72401	
		ILLINOIS FED. AID PROJECT		

EARTHWORK SCHEDULE						
1	2	3	4	5	6	7
LOCATION	20200100 EARTH EXCAVATION (CU YD)	EX PAVEMENT & CURB AND GUTTER AREAS (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD)	EMBANKMENT (CU YD)	ESTIMATED AREAS FROM ENTRANCE & DRAINAGE OVERFLOW REMOVAL (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
LOT A						
CUT / FILL	1,022.22	357.70	564.84		4.00	560.84
SUBTOTALS	1,022.22	357.70	564.84		4.00	560.84
USE	1,023	358	565		4	561
LOT B						
CUT / FILL	1,793.88	303.20	1,267.08	53.27	29.30	1,184.51
SUBTOTALS	1,793.88	303.20	1,267.08	53.27	29.30	1,184.51
USE	1,794	304	1,268	54	30	1,185
NE DITCH						
CUT / FILL	175.75		149.39			149.39
SUBTOTALS	175.75		149.39			149.39
USE	176		150			150
GRAND TOTALS	2,993	662	1,983	54	34	1,896 *

COLUMN 1 - LOCATION FROM PLANS
 COLUMN 2 - CUT QUANTITIES FROM CROSS SECTIONS
 COLUMN 3 - EX PAVEMENT & CURB AND GUTTER AREAS
 COLUMN 4 - ADJUSTED EARTH EXCAVATION QUANTITIES THAT ARE TO BE USED AS FILL MATERIAL IN EMBANKMENT
 COLUMN 5 - FILL QUANTITIES FROM CROSS SECTIONS
 COLUMN 6 - ESTIMATED AREAS FROM ENTRANCE & DRAINAGE OVERFLOW REMOVAL
 COLUMN 7 - MATERIAL TO WASTE OR OFF-SITE MATERIAL NEEDED

NOTE: SURPLUS MATERIAL IS TO BE STOCKPILED NORTH OF PARKING LOT A & WEST OF THE SOUTH WAREHOUSE AS DIRECTED BY THE ENGINEER FOR USE ON FUTURE CONSTRUCTION CONTRACTS

PAVING SCHEDULE									
LOCATION	LT/RT	PAVEMENT AREA	SUBBASE AREA	31101400 SUBBASE GRANULAR MATERIAL, TYPE B 6"	40600370 LONGITUDINAL JOINT SEALANT	40603230 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-9.5FG, MIX "C", N50	40604100 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5FG, MIX "C", N50	40700100 BITUMINOUS MATERIALS (TACK COAT)	42000211 PORTLAND CEMENT CONCRETE PAVEMENT 7 1/2" (JOINTED)
SANGAMON COUNTY		SQ FT	SQ FT	SQ YD	FT	TON	TON	POUND	SQ YD
LOT A									
100+56.40 102+55.00	LT	31,776.58	31,776.58	3,530.70	1,890.00	790.90	296.60	794.40	0.00
SUBTOTALS		31,776.58	31,776.58	3,530.70	1,890.00	790.90	296.60	794.40	0.00
USE		31,777	31,777	3,531	1,890	791	297	795	0
LOT B									
200+22.61 202+12.13	LT	18,687.41	18,578.02	2,064.20	1,110.00	465.10	174.40	467.19	0.00
ACCESS ROAD									
200+35.61 202+09.26	LT/RT	4,640.90	5,648.41	627.60	0.00	0.00	0.00	0.00	627.60
SUBTOTALS		23,328.31	24,226.43	2,691.80	1,110.00	465.10	174.40	467.19	627.60
USE		23,329	24,227	2,692	1,110	466	175	468	628
GRAND TOTAL		55,106	56,004	6,223	3,000	1,257	472	1,263	628

TRENCH BACKFILL													
LOCATION				TRENCH LENGTH	1 PIPE SIZE	2 US RIM / PAVEMENT ELEV	3 USFL	4 DS RIM / PAVEMENT ELEV	5 DSFL	6 PAVMT DEPTH	7 AVE TRENCH DEPTH	8 BACKFILL PER FOOT	9 VOLUME
STATION	OFFSET	STATION	OFFSET	FOOT	INCHES	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD/FT	CU YD
LOT A													
100+57.40	62.59	100+57.42	57.41	2.00	12	570.32	568.00	571.58	567.95	0.46	2.52	0.185	1
100+72.44	57.75	100+57.42	57.41	12.00	12	570.47	568.10	571.58	567.95	0.46	2.54	0.188	3
												SUBTOTAL	4
												USE	4
LOT B													
200+22.62	26.00	200+50.00	11.00	45.00	12	575.94	573.00	575.84	572.60	0.96	2.13	0.145	7
200+50.00	11.00	201+48.00	11.00	96.00	12	575.84	572.50	578.19	571.75	0.96	3.93	0.334	33
201+47.83	30.00	201+48.00	11.00	40.00	12	579.24	574.00	578.19	573.20	0.96	4.16	0.357	15
201+48.00	11.00	202+04.00	17.50	54.00	12	578.19	571.65	579.11	571.75	0.96	5.99	0.855	47
												SUBTOTAL	102
												USE	102
												GRAND TOTAL	106

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)				
LOT B				
STA	OFFSET	LT/RT		UNIT
200+36.35	1.94	RT		16
				TOTAL 16

20100500 TREE REMOVAL, ACRES							
LOT A							
STA	OFFSET	LT/RT	STA	OFFSET	LT/RT	AREA	ACRE
100+60.30	244.91	LT/RT	102+73.98	209.16	LT/RT	4673.31	0.107
						SUBTOTAL	0.107
						USE	0.11
LOT B							
STA	OFFSET	LT/RT		OFFSET	LT/RT	AREA	ACRE
202+04.30	80.07	LT		201.45	RT	6,950.19	0.160
						SUBTOTAL	0.160
						USE	0.16
						GRAND TOTAL	0.27

2010110 TREE TRUNK PROTECTION			
LOT A			
STA	OFFSET	LT/RT	EACH
100+45.47	131.35	LT	1
			SUBTOTAL 1
LOT B			
STA	OFFSET	LT/RT	EACH
200+55.02	37.12	RT	1
201+22.92	27.29	RT	1
201+51.71	26.99	RT	1
201+66.29	26.99	RT	1
			SUBTOTAL 4
			GRAND TOTAL 5

42400800 DETECTABLE WARNINGS					
LOT A					
STA	OFFSET	LT/RT	LENGTH	WIDTH	SQ FT
102+33.87	161.84	LT	2.0	4.0	8.0
102+33.86	134.96	LT	2.0	4.0	8.0
102+33.84	102.08	LT	2.0	4.0	8.0
					SUBTOTAL 24.0
					USE 24
LOT B					
STA		LT/RT	LENGTH	WIDTH	SQ FT
200+02.05		LT	20.0	2.0	40.0
200+29.34		RT	10.0	2.0	20.0
					SUBTOTAL 60.0
					USE 60
					GRAND TOTAL 84

MODEL: Default
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USER NAME = FNelson	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/2/2022	CHECKED - FBN	REVISED -
	DATE - 05/02/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES	
SCALE: NONE	SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 663	SECTION HANLEY PARKING 2022	COUNTY SANGAMON	TOTAL SHEETS 40	SHEET NO. 9
			CONTRACT NO. 72401	
ILLINOIS FED. AID PROJECT				

SEEDING/EROSION CONTROL SCHEDULE

LOCATION	OFFSET	AREA	21101505 TOPSOIL EXCAVATION AND PLACEMENT	25000100 SEEDING, CLASS 1	25000400 NITROGEN FERTILIZER NUTRIENT	25000500 PHOSPHOROUS FERTILIZER NUTRIENT	25000600 POTASSIUM FERTILIZER NUTRIENT	25100125 MULCH METHOD 3	25100630 EROSION CONTROL BLANKET	28000250 TEMPORARY EROSION CONTROL SEEDING	28000305 TEMPORARY DITCH CHECKS	28000400 PERIMETER EROSION BARRIER	28000500 INLET AND PIPE PROTECTION
SANGAMON COUNTY		SQ FT	CU YD	ACRE	POUND	POUND	POUND	ACRE	SQ YD	POUND	FOOT	FOOT	EACH
PARKING LOT A													
100+43.48	102+82.00	1785.16	22.04	0.041	3.7	3.7	3.7	0.041	198.4	4.10			
100+53.48	102+73.55	4457.29	55.03	0.102	9.2	9.2	9.2	0.102	495.3	10.20			
100+57.42	62.1 LT												1
100+60.35	59.87 LT												1
100+70.57	101+85.00											381.3	
100+72.07	57.41 LT												1
101+44.37	130.78 LT												1
102+29.07	102+79.16											79.5	
102+37.84	103+87.20	326.69	4.03	0.007	0.6	0.6	0.6	0.007	36.3	0.70			
102+54.72	105+01.31											257.7	
102+59.55	205.26 LT												1
SUBTOTALS		6569.14	81.10	0.15	13.50	13.50	13.50	0.15	729.90	15.00	0	718.50	5.00
USE		6570	82	0.15	14	14	14	0.15	730	15	0	719	5
PARKING LOT B													
200+01.64	200+40.81	2290.54	28.28	0.053	4.8	4.8	4.8	0.053	254.5	5.30			
200+22.12	24.00 LT												1
200+29.16	202+28.76	8227.23	101.57	0.189	17.0	17.0	17.0	0.189	914.1	18.90	53		
200+43.00	202+17.11											364.6	
200+50.00	13.48 RT												1
201+47.34	27.97 LT												1
201+48.00	13.48 RT												1
201+76.07	202+19.41											48.9	
201+83.70	128.34 LT												1
202+04.00	19.5 RT												1
SUBTOTALS		10517.77	129.85	0.24	21.80	21.80	21.80	0.24	1168.64	24.20	53	413.50	6.00
USE		10518	130	0.25	22	22	22	0.25	1169	25	53	414	6
GRAND TOTALS		17088	212	0.40	36	36	36	0.40	1899	40	53	1133	11

44000500 COMBINATION CURB AND GUTTER REMOVAL			
LOT A			
STA	STA	LT/RT	FOOT
102+09.41	102+38.38	LT	684.4
100+98.05	100+98.05	LT	78.1
100+98.05	100+98.05	LT	78.1
102+05.82	102+05.82	LT	78.1
102+05.82	102+05.82	LT	78.1
SUBTOTAL			996.8
USE			997
LOT B			
STA	STA	LT/RT	FOOT
103+97.20	104+59.82	LT	135.0
200+01.02	200+29.37	LT/RT	64.1
200+22.91	202+15.40	LT	615.0
201+18.76	201+57.09	LT	78.1
200+58.81	200+96.99	LT	78.1
201+18.81	201+56.93	LT	78.1
200+58.86	200+96.97	LT	78.1
SUBTOTAL			1,126.5
USE			1,127
GRAND TOTAL			2,124

44000600 SIDEWALK REMOVAL					
LOT A					
STA	OFFSET	LT/RT	LENGTH	WIDTH	SQ FT
102+33.84	102.08	LT	61.75	4.00	247.00
SUBTOTAL					247.00
USE					247

42400100 PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH					
LOT A					
STA	STA	LT/RT	LENGTH	WIDTH	SQ FT
102+33.40	102+71.71	LT			508.1
102+54.95	103+87.20	LT	132.25	5.00	661.3
SUBTOTAL					1,169.4
USE					1,170
LOT B					
STA	STA	LT/RT	LENGTH	WIDTH	SQ FT
200+40.81	200+80.31	LT	39.50	4.86	192.0
200+76.05	200+80.49	LT			105.3
200+01.10	200+17.11	LT			62.4
200+29.16	200+33.65	RT			68.5
SUBTOTAL					428.2
USE					429
GRAND TOTAL					1,599

44000100 PAVEMENT REMOVAL				
LOT A				
STA	STA	LT/RT	SQ FT	SQ YD
100+56.09	102+53.19	LT	31,126.93	3,458.5
SUBTOTAL				3,458.5
USE				3,459
LOT B				
STA	STA	LT/RT	SQ FT	SQ YD
200+21.95	202+17.62	LT/RT	24,067.04	2,674.1
SUBTOTAL				2,674.1
USE				2,675
GRAND TOTAL				6,134

44000200 DRIVEWAY PAVEMENT REMOVAL			
LOT B			
STA	LT/RT	SQ FT	SQ YD
104+31.20	LT	701.30	77.9
SUBTOTAL			77.9
USE			78
GRAND TOTAL			78

44000300 CURB REMOVAL			
LOT A			
STA	STA	LT/RT	FOOT
102+33.34	102+33.34	LT	61.75
TOTAL			61.75
USE			62

44201357 CLASS C PATCHES, TYPE III, 10 INCH					
LOT B					
STA	LT/RT	LENGTH	WIDTH	SQ FT	SQ YD
104+31.42	LT	62.34	2.50	155.85	17.32
105+02.65	LT	62.74	2.50	156.85	17.43
SUBTOTAL					34.7
USE					35
GRAND TOTAL					35

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	10
CONTRACT NO. 72401			ILLINOIS FED. AID PROJECT	

REV. - MS

50102400 CONCRETE REMOVAL				
LOT A				
STA	STA	OFFSET	SQ FT	CU YD
100+43.35	100+72.75	47.00	223.89	3.5
SUBTOTAL				3.5
USE				4
LOT B				
STA	STA	OFFSET	SQ FT	CU YD
200+76.63	201+53.89	105.70	666.58	10.3
201+80.53	201+83.28	17.00	92.62	1.4
SUBTOTAL				11.7
USE				12
GRAND TOTAL				16

56109300 WATER VALVES TO BE MOVED			
LOT A			
STA	OFFSET	LT/RT	EACH
102+06.37	87.11	LT	1
SUBTOTAL			1
LOT B			
STA	OFFSET	LT/RT	EACH
104+42.01	83.69	LT	1
SUBTOTAL			1
GRAND TOTAL			2

60235700 INLETS, TYPE A, TYPE 3 FRAME AND GRATE			
LOT B			
STA	OFFSET	LT/RT	EACH
200+50.00	13.48	RT	1
201+47.34	13.48	RT	1
SUBTOTAL			2
GRAND TOTAL			2

54213657 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"				
LOT B				
STA	OFFSET	LT/RT		EACH
202+12.31	35.67	RT		1
TOTAL				1

56400100 FIRE HYDRANTS TO BE MOVED			
LOT A			
STA	OFFSET	LT/RT	EACH
102+06.32	88.52	LT	1
SUBTOTAL			1
LOT B			
STA	OFFSET	LT/RT	EACH
200+68.98	82.39	LT	1
SUBTOTAL			1
GRAND TOTAL			2

60255500 MANHOLES TO BE ADJUSTED			
LOT A			
STA	OFFSET	LT/RT	EACH
102+59.55	205.26	LT	1
SUBTOTAL			1
LOT B			
STA	OFFSET	LT/RT	EACH
201+83.7	128.34	LT	1
202+08.78	143.17	LT	1
SUBTOTAL			2
GRAND TOTAL			3

550A0340 STORM SEWERS, CLASS A, TYPE 2 12"					
LOT A					
STA	OFFSET	STA	OFFSET	LT/RT	FOOT
100+57.42	62.10	100+57.42	57.41	LT	4.7
100+57.42	57.41	100+72.07	57.41	LT	14.7
SUBTOTAL					19.3
USE					20
LOT B					
STA	OFFSET	STA	OFFSET	LT/RT	FOOT
200+22.12	24	200+50.00	13.48	LT/RT	46.71
200+50.00	13.48	201+48.00	13.48	RT	98
201+47.34	27.97	201+48.00	13.48	LT/RT	41.46
201+48.00	13.48	202+04.00	19.50	RT	55.32
202+04.00	19.50	202+12.31	35.67	RT	17.18
SUBTOTAL					258.7
USE					259
GRAND TOTAL					279

60218400 MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID				
LOT A				
STA	OFFSET	LT/RT		EACH
100+57.42	57.41	LT		1
SUBTOTAL				1
LOT B				
STA	OFFSET	LT/RT		EACH
202+04.00	19.50	RT		1
SUBTOTAL				1
GRAND TOTAL				2

60500060 REMOVING INLETS			
LOT A			
STA	OFFSET	LT/RT	EACH
101+44.37	130.77	LT	1
TOTAL			1

55100500 STORM SEWER REMOVAL 12"					
LOT A					
STA	OFFSET	STA	OFFSET	LT/RT	FOOT
100+60.35	59.87	101+44.11	130.78	LT	109.8
TOTAL					109.8
USE					110

60236800 INLETS, TYPE A, TYPE 11 FRAME AND GRATE				
LOT A				
STA	OFFSET	LT/RT		EACH
100+57.42	62.10	LT		1
100+72.07	57.41	LT		1
SUBTOTAL				2
LOT B				
STA	OFFSET	LT/RT		EACH
200+22.14	23.97	LT		1
201+48.00	13.48	RT		1
SUBTOTAL				2
GRAND TOTAL				4

60600605 CONCRETE CURB, TYPE B			
LOT A			
STA	STA	LT/RT	FOOT
102+33.40	102+33.40	LT	61.75
TOTAL			61.75
USE			62

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	11
CONTRACT NO.			72401	
ILLINOIS		FED. AID PROJECT		

60603800 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12				
LOT A				
STA	LT/RT	STA	LT/RT	FOOT
102+06.40	LT	102+34.40	LT	692.3
102+29.07	LT	102+79.16	LT	71.4
102+29.07	LT	102+79.16	LT	71.4
102+29.07	LT	102+79.16	LT	71.4
102+29.07	LT	102+79.16	LT	71.4
SUBTOTAL				977.9
USE				978
LOT B				
STA	LT/RT	STA	LT/RT	FOOT
103+97.46	LT	104+59.82	LT	62.4
200+00.55	LT	200+35.61	LT	70.3
200+21.61	LT	202+12.07	LT/RT	715.8
200+65.61	LT	200+99.61	LT	71.4
200+65.61	LT	200+99.61	LT	71.4
SUBTOTAL				991.3
USE				992
GRAND TOTAL				1,970

60605000 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24				
LOT B				
STA	LT/RT	STA	LT/RT	FOOT
200+28.72	LT	202+05.25	LT	187.2
201+44.20	LT	202+09.56	LT	65.5
SUBTOTAL				252.7
USE				253.0
GRAND TOTAL				253.0

60618300 CONCRETE MEDIAN SURFACE, 4 INCH					
LOT A					
STA	LT/RT	LENGTH	WIDTH	RADIUS	SQ FT
101+00.90	LT	31.00	1.83	0.917	59.4
101+00.90	LT	31.00	1.83	0.917	59.4
102+04.90	LT	31.00	1.83	0.917	59.4
102+04.90	LT	31.00	1.83	0.917	59.4
SUBTOTAL					237.5
USE					238
LOT B					
STA	LT/RT	LENGTH	WIDTH	RADIUS	SQ FT
201+26.20	LT	36.21	1.83	0.917	69.0
201+26.20	LT	17.08	1.83	0.917	32.6
200+66.20	LT	31.00	1.83	0.917	59.4
200+66.20	LT	31.00	1.83	0.917	59.4
201+45.22	LT	57.17	2.05		117.2
201+64.24	LT	27.17			66.9
SUBTOTAL					404.5
USE					405
GRAND TOTAL					643

72000100 SIGN PANEL - TYPE 1			
LOT A			
STA	OFFSET	LT/RT	SQ FT
101+93.40	103.09	LT	2
101+93.40	103.09	LT	2
101+93.40	163.04	LT	2
101+93.40	163.04	LT	2
102+07.93	227.09	LT	2
102+25.93	227.09	LT	2
102+57.40	182.84	LT	2
102+57.40	191.84	LT	2
102+55.86	85.78	LT	2
TOTAL			18

72400100 REMOVE SIGN PANEL ASSEMBLY - TYPE A			
LOT A			
STA	OFFSET	LT/RT	EACH
101+93.83	160.33	LT	2
102+57.41	84.31	LT	1
102+05.68	100.55	LT	1
102+05.68	100.55	LT	1
102+06.30	160.36	LT	1
102+38.58	41.77	LT	1
102+57.36	63.79	LT	1
102+57.38	74.16	LT	1
102+36.69	37.99	LT	1
SUBTOTAL			10
LOT B			
STA	OFFSET	LT/RT	EACH
201+38.05	81.22	LT	1
200+78.80	81.90	LT	1
201+64.70	140.78	LT	1
SUBTOTAL			3
GRAND TOTAL			13

72800100 TELESCOPING STEEL SIGN SUPPORT			
LOT A			
STA	OFFSET	LT/RT	FOOT
101+93.40	103.09	LT	12
101+93.40	103.09	LT	12
101+93.40	163.04	LT	12
101+93.40	163.04	LT	12
102+07.93	227.09	LT	12
102+25.93	227.09	LT	12
102+57.40	182.84	LT	12
102+57.40	191.84	LT	12
102+55.86	85.78	LT	12
TOTAL			108

73100100 BASE FOR TELESCOPING STEEL SIGN SUPPORT			
LOT A			
STA	OFFSET	LT/RT	EACH
101+93.40	103.09	LT	1
101+93.40	163.04	LT	1
102+57.40	182.84	LT	1
102+57.40	191.84	LT	1
TOTAL			4

78001110 PAINT PAVEMENT MARKING - LINE 4"					
LOT A					
STA	STA	LT/RT	NO.	LENGTH	FOOT
100+76.40	102+02.40	LT	13	18	234
100+56.40	100+56.40	LT	15	18	270
100+72.90	101+98.90	LT	13	18	234
101+03.40	101+84.40	LT	17	18	306
101+03.40	101+84.40	LT	1	82	82
101+03.40	102+02.40	LT	17	18	306
101+03.40	102+02.40	LT	1	82	82
102+30.40	102+30.40	LT	1	18	18
102+30.40	102+30.40	LT	0	18	50
101+84.40	102+02.40	LT	2	136	272
102+41.37	102+41.37	LT	2	136	272
101+98.90	102+34.90	LT	2	136	272
102+36.90	102+34.90	LT	1	136	154
102+35.36	102+53.36	LT	1	136	136
SUBTOTAL					2,688
LOT B					
STA	STA	LT/RT	NO.	LENGTH	FOOT
200+22.61	200+22.61	LT	9	18	162
200+38.47	200+74.47	LT	3	18	54
200+82.61	200+82.61	LT	12	18	216
200+82.61	200+82.61	LT	1	63	63
201+42.61	201+42.61	LT	6	18	108
201+47.83	201+47.83	LT	5	18	90
201+50.00	202+00.00	LT	1	541	541
202+07.83	202+07.83	LT	5	18	90
SUBTOTAL					1,324
GRAND TOTAL					4,012

78001100 PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS			
LOT A			
STA	OFFSET	LT/RT	SQ FT
101+97.90	89.56	LT	19.1
101+88.90	116.62	LT	19.1
101+97.90	149.56	LT	19.1
101+88.90	176.62	LT	19.1
102+12.40	209.56	LT	19.1
102+30.40	209.56	LT	19.1
102+39.83	81.31	LT	19.1
102+41.37	178.38	LT	19.1
102+41.37	196.38	LT	19.1
TOTAL			171.9
USE			172

X0301339 REMOVE EXISTING PARKING BLOCKS		
LOT B		
LOCATION		EACH
ALONG NORTH SIDE		10
ALONG EAST SIDE		15
TOTAL		25

X6640308 CHAIN LINK GATES (SPECIAL)				
LOT B				
STA	STA	OFFSET	LT/RT	EACH
201+61.47	201+94.47	82.44	LT	2
TOTAL				2

X6640560 CHAIN LINK FENCE, 6' (SPECIAL)			
LOT B			
STA	STA	LT/RT	FOOT
201+67.12	201+89.02	LT	244.48
TOTAL			244.48
USE			245

Z0062456 TEMPORARY PAVEMENT						
LOT B						
STA	OFFSET	LT/RT	LENGTH	WIDTH	SQ FT	SQ YD
104+05.39	232.61	LT	30.00	6.44	193.20	21.5
TOTAL						21.5
USE						22

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 PLOT DATE = 5/2/2022

DESIGNED - RG
 DRAWN - RG
 CHECKED - FBN
 DATE - 05/02/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

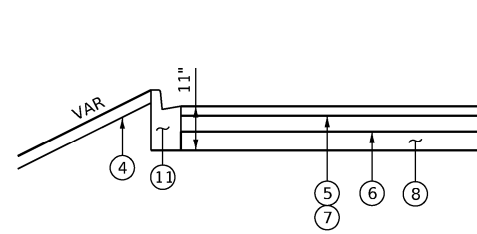
SCHEDULE OF QUANTITIES

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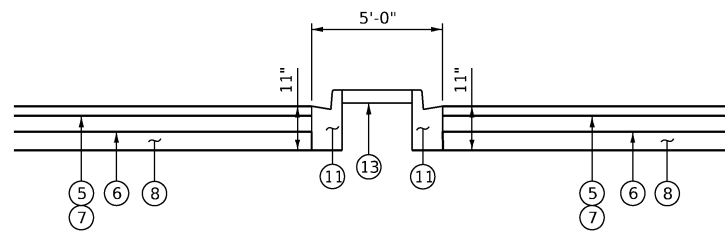
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	12
CONTRACT NO.			72401	
ILLINOIS FED. AID PROJECT				

LEGEND

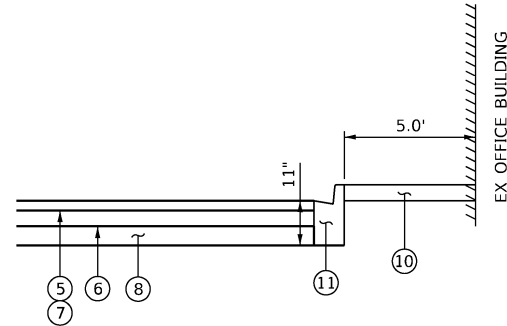
- ① EXISTING PAVEMENT
- ② EXISTING SIDEWALK
- ③ EXISTING GROUND
- ④ TOPSOIL EXCAVATION AND PLACEMENT
- ⑤ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5FG, MIX "C", N50 (1.5")
- ⑥ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (4")
- ⑦ BITUMINOUS MATERIALS (TACK COAT) & LONGITUDINAL JOINT SEALANT (AT PAVING JOINTS ONLY)
- ⑧ SUBBASE GRANULAR MATERIAL, TYPE B 6"
- ⑨ PORTLAND CEMENT CONCRETE PAVEMENT 7 1/2" (JOINTED)
- ⑩ PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH
- ⑪ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑫ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑬ CONCRETE MEDIAN SURFACE, 4 INCH



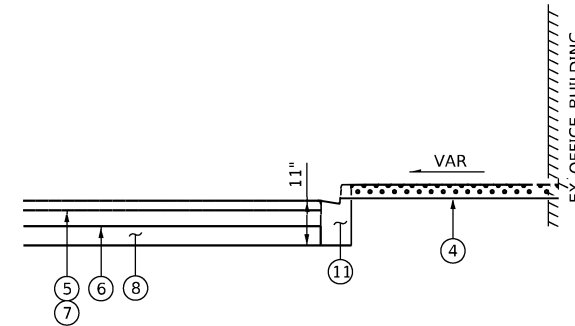
SECTION A-A



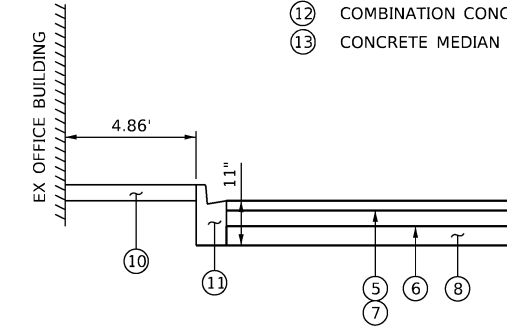
SECTION B-B



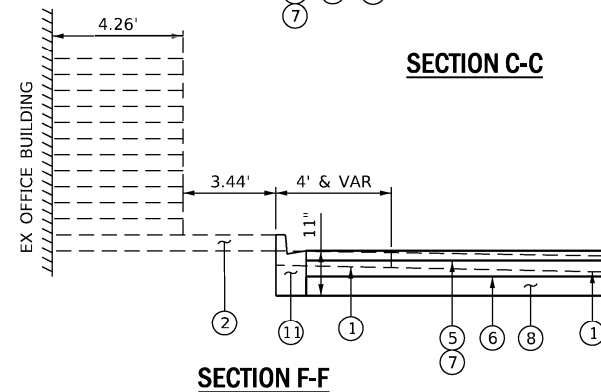
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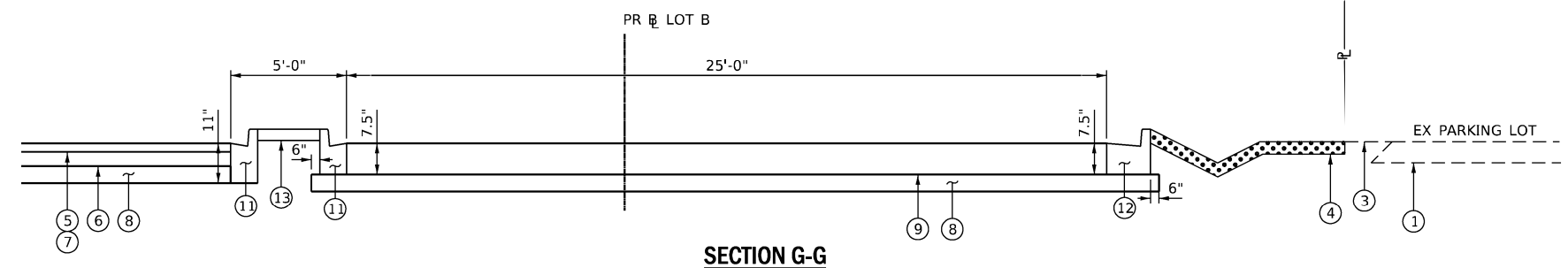
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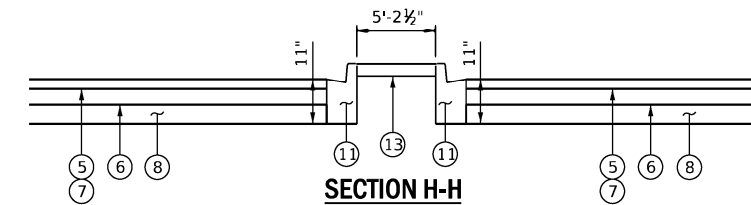
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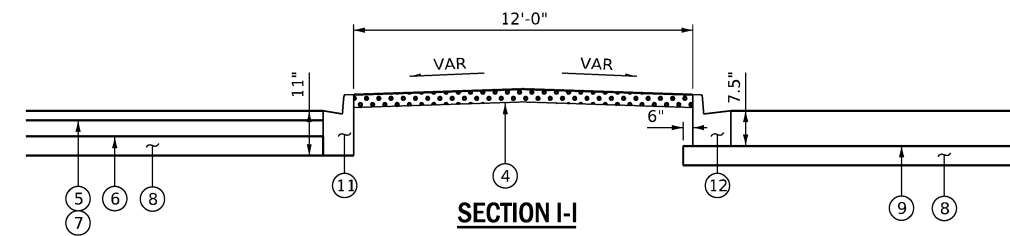
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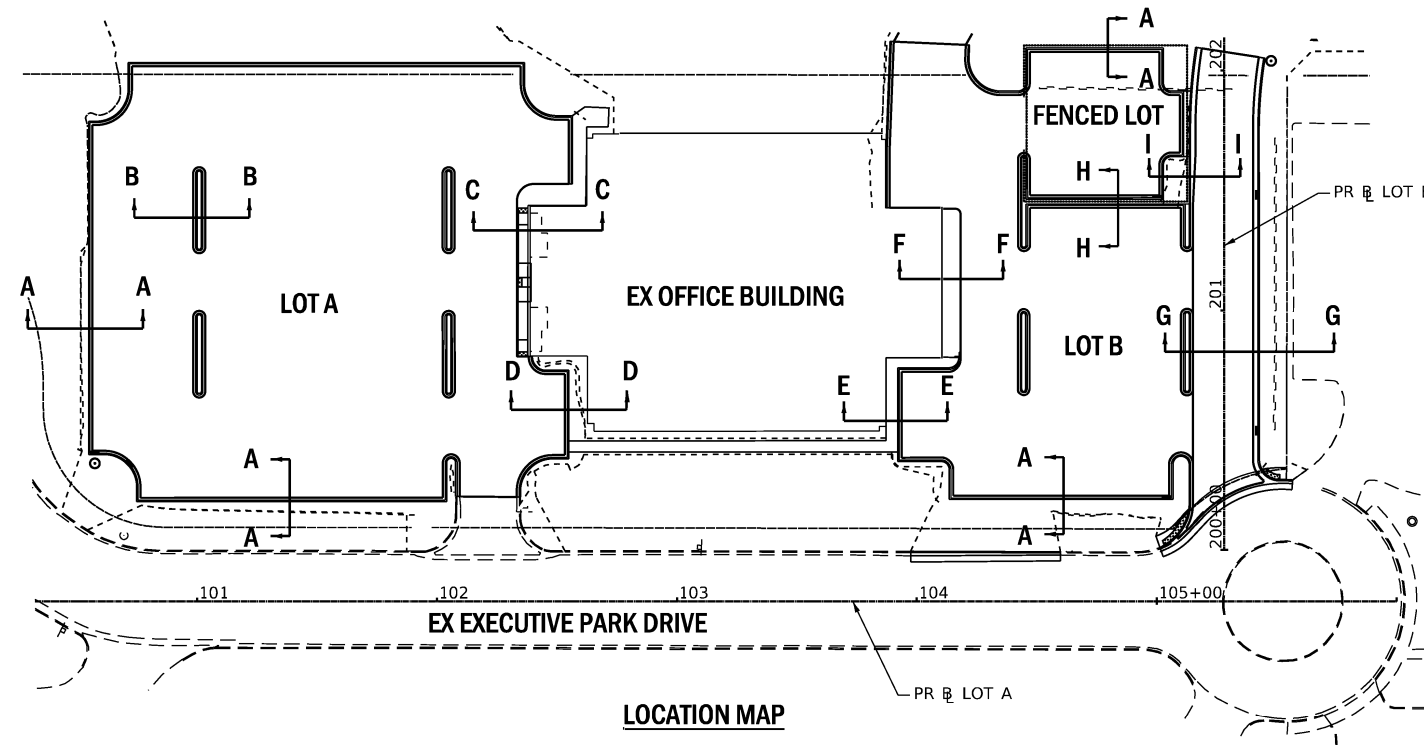
SECTION G-G



SECTION H-H



SECTION I-I



LOCATION MAP

NOTE:

SEE GRADING PLANS, DETAILS, AND CROSS SECTIONS FOR SLOPES.

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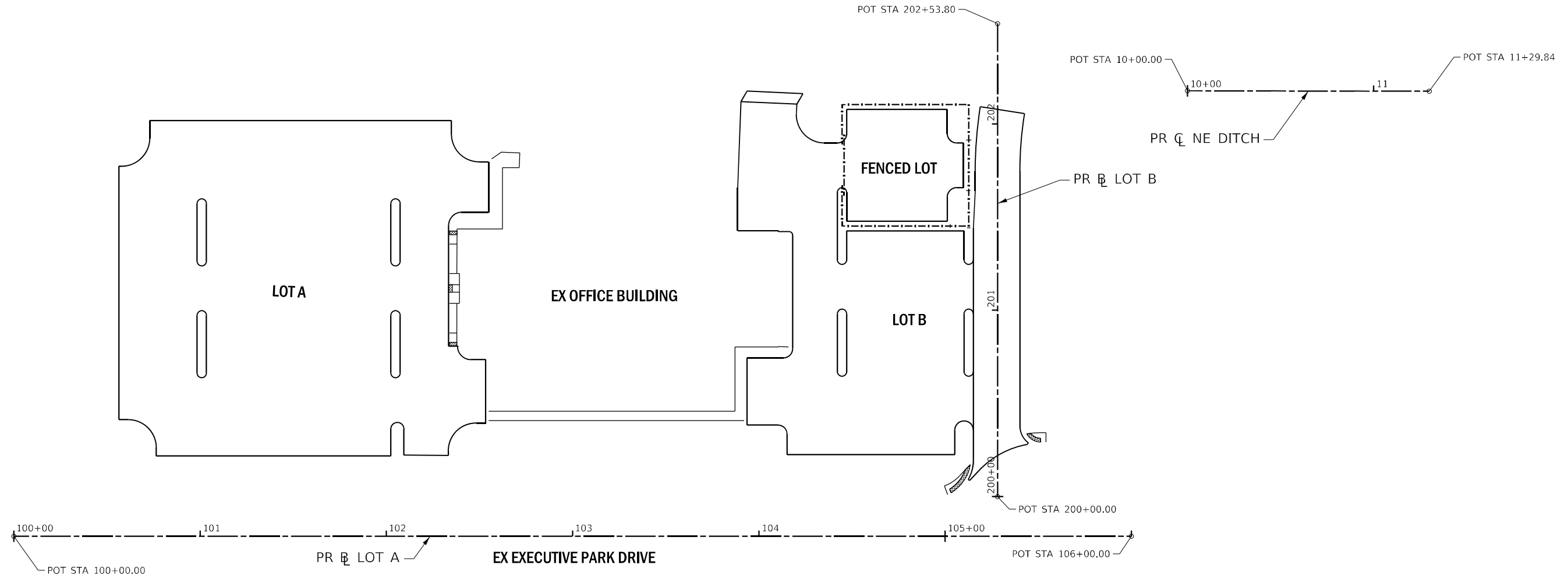
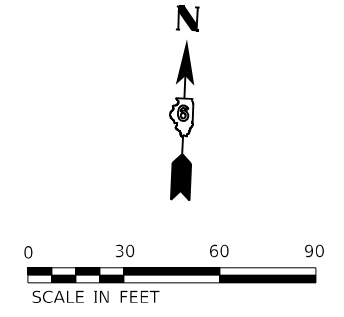
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	13
			CONTRACT NO. 72401	
ILLINOIS FED. AID PROJECT				

HORIZONTAL & VERTICAL CONTROL		NAD 83 1997ADJ		STATION	OFFSET	NAVD 88
DESCRIPTION		NORTHING	EASTING			
TRAV 8926	TRAVERSE STATION; # 5 REBAR WITH IDOT CAP	1131530.269	2453735.510	55+61.42	4.62 RT	554.249
BM TJM-109	CHIS [] IN TOP CENTER OF HEADWALL, N SIDE OF EXECUTIVE PARK DRIVE ON THE E SIDE OF DIRKSEN PKWY			56+62.80	71.59 RT	553.415
TRAV 8925	TRAVERSE STATION; # 5 REBAR WITH IDOT CAP	1132576.854	2453769.261	66+07.14	59.26 RT	580.197
BM TA-1	CHIS [] ON NE CORNER OF CONCRETE FOUNDATION IN DIRKSEN'S MEDIAN, JUST N OF DIRKSEN & ASH			71+61.71	6.87 RT	584.291
BM TJM-108	CHIS [] ON TOP CENTER OF HEADWALL ON N SIDE OF NORTH EXIT, OF IDOT HANLEY BUILDING ON E SIDE DIRKSEN PARKWAY			79+80.85	59.36 RT	581.920



LOCATION	DESCRIPTION	NORTHING	EASTING
☒ LOT A	POT STA 100+00.00	1131435.338	2454132.281
	POT STA 106+00.00	1131460.691	2454731.745
☒ LOT B	POT STA 200+00.00	1131479.342	2454669.550
	POT STA 202+53.80	1131732.915	2454658.826
☒ NE DITCH	POT STA 10+00.00	1131700.796	2454751.691
	POT STA 11+29.84	1131706.053	2454884.426

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

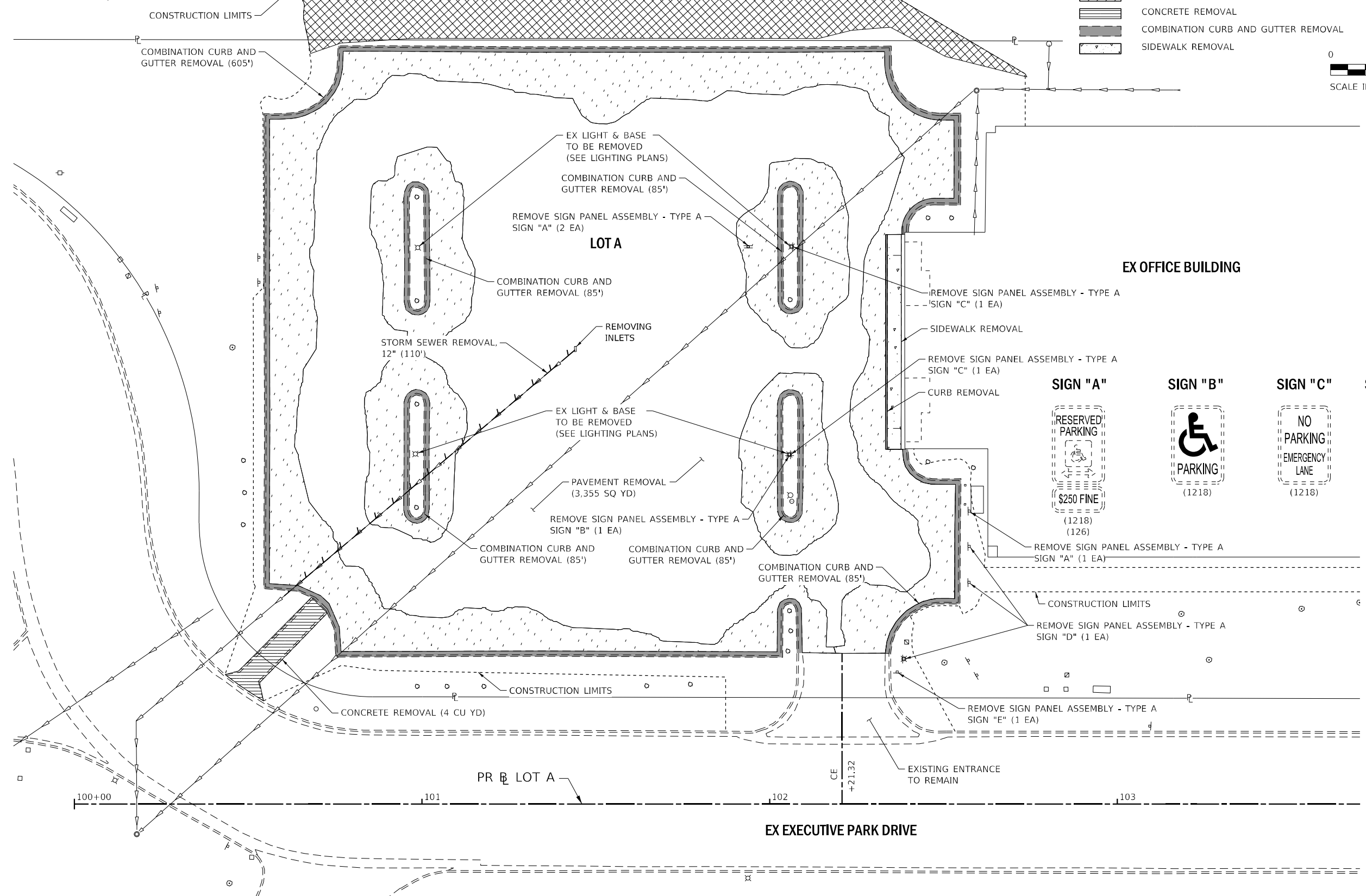
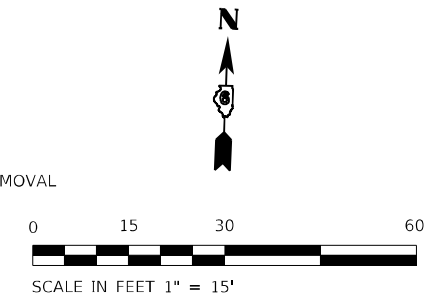
ALIGNMENT CONTROL	
SCALE: 1" = 20'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	14
			CONTRACT NO.	72401
		ILLINOIS	FED. AID PROJECT	

TREE REMOVAL, ACRES (0.11 ACRES)
 NOTE: EXISTING TREES WITHIN THE REMOVAL LIMITS SHOWN HAVE BEEN CUT DOWN BY OTHERS BUT LEFT IN PLACE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DISPOSE OF THE FELLED TREES AND REMOVE THE ASSOCIATED STUMPS VIA THE PAY ITEM FOR TREE REMOVAL, ACRES

LEGEND

- TREE REMOVAL, ACRES
- PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- CONCRETE REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- SIDEWALK REMOVAL



EX OFFICE BUILDING

LOTA

PR B LOT A

EX EXECUTIVE PARK DRIVE

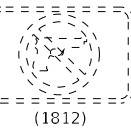
SIGN "A"

SIGN "B"

SIGN "C"

SIGN "D"

SIGN "E"



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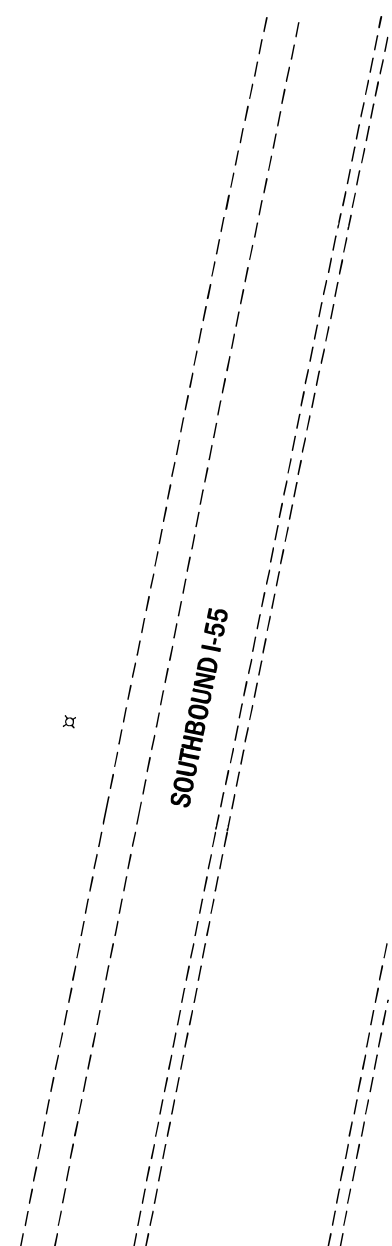
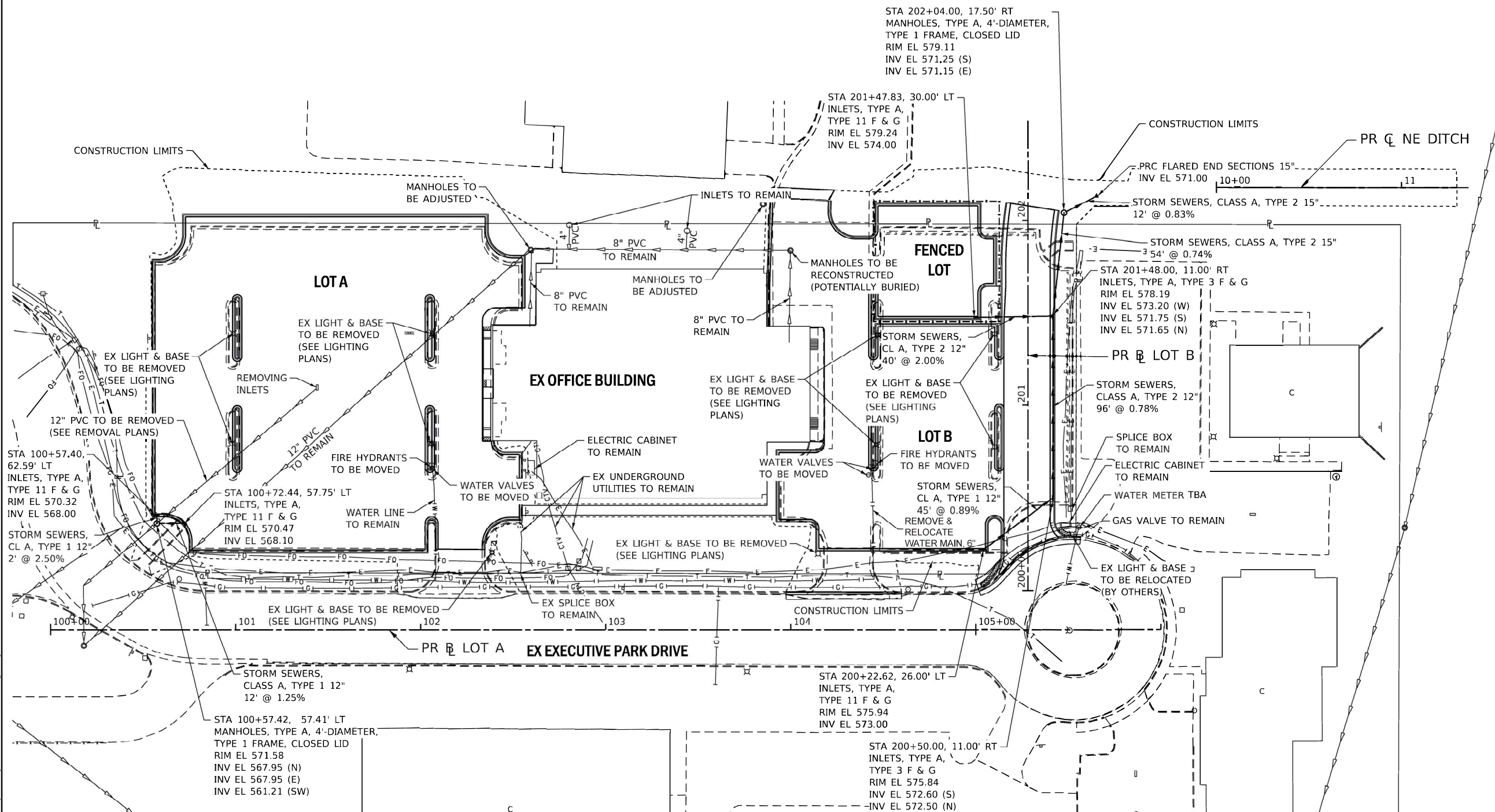
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
 LOT A**

SCALE: 1" = 15' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	15
CONTRACT NO.			72401	
ILLINOIS FED. AID PROJECT				



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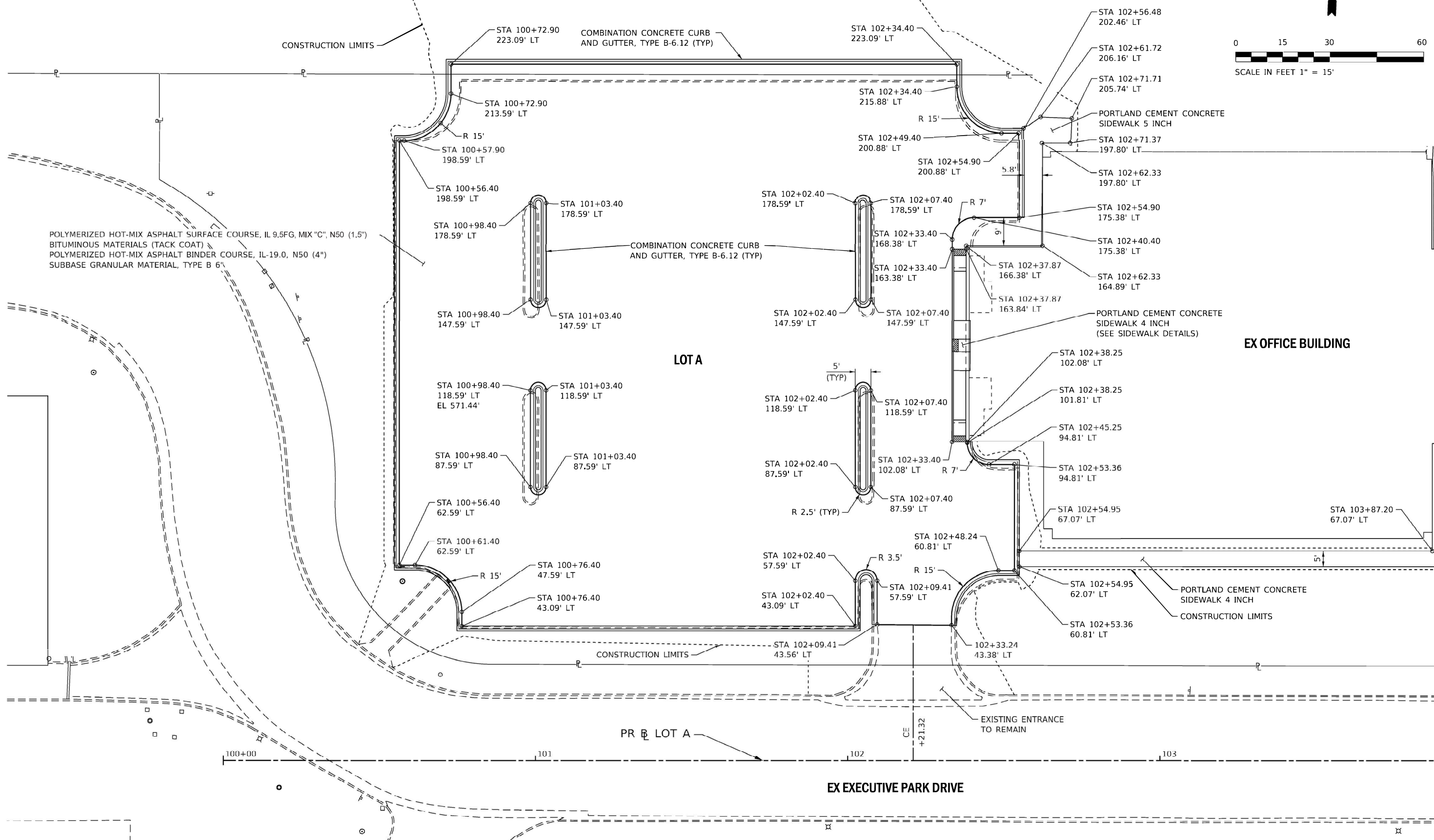
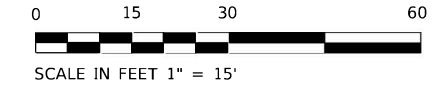
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PLOT DATE = 5/2/2022	DATE - 05/02/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UTILITY AND DRAINAGE
SITE PLAN**

SCALE: 1" = 30' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	17
CONTRACT NO.			72401	
ILLINOIS FED. AID PROJECT				



POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL 9.5FG, MIX "C", N50 (1.5")
BITUMINOUS MATERIALS (TACK COAT)
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (4")
SUBBASE GRANULAR MATERIAL, TYPE B 6"

LOT A

EX OFFICE BUILDING

PR LOT A

EX EXECUTIVE PARK DRIVE

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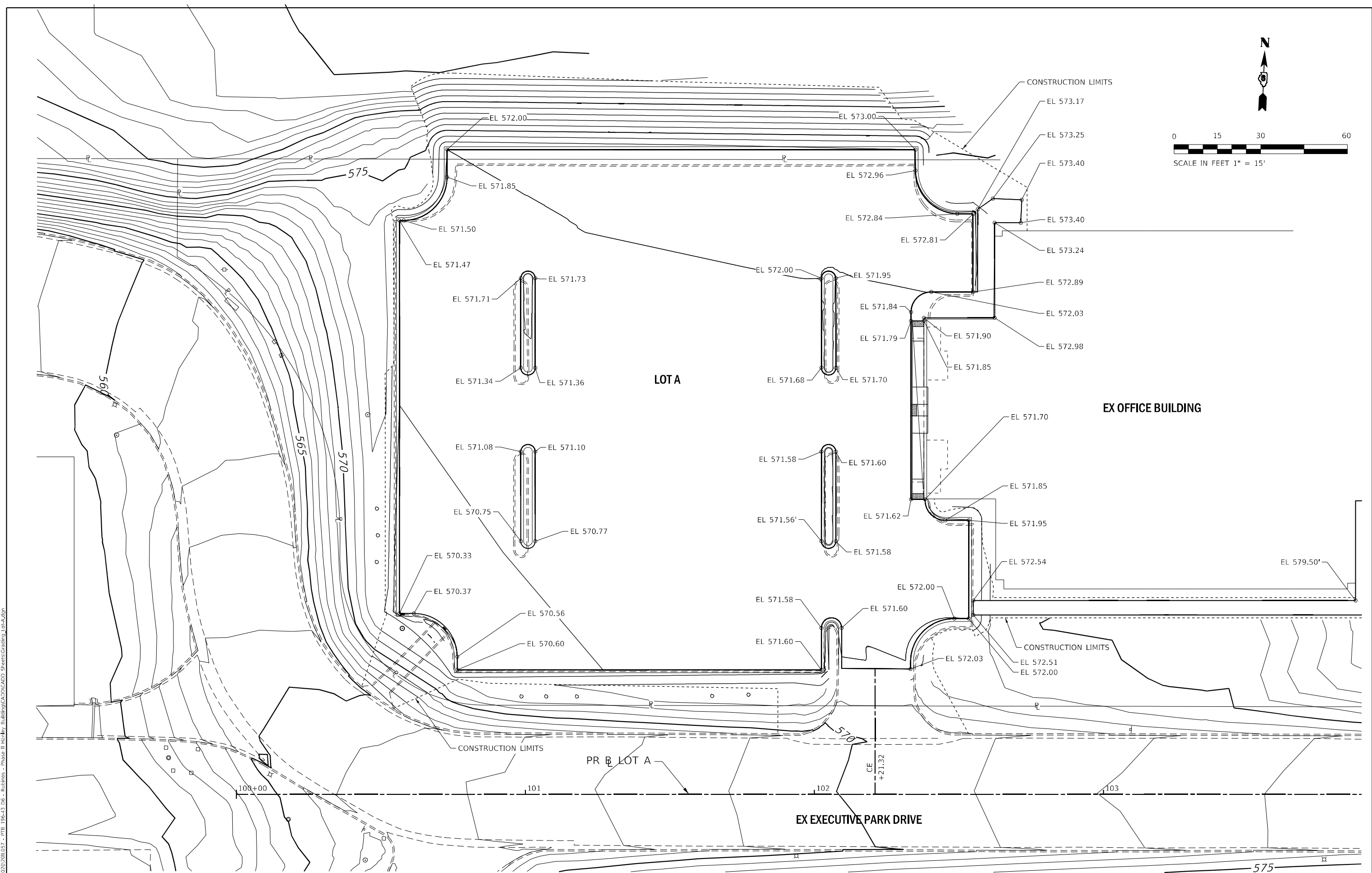
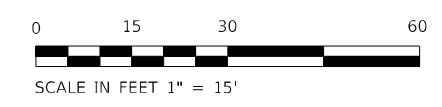
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PLOT DATE = 5/2/2022	DATE - 05/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SITE PLAN
LOT A

SCALE: 1" = 15' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	18
CONTRACT NO. 72401			ILLINOIS FED. AID PROJECT	



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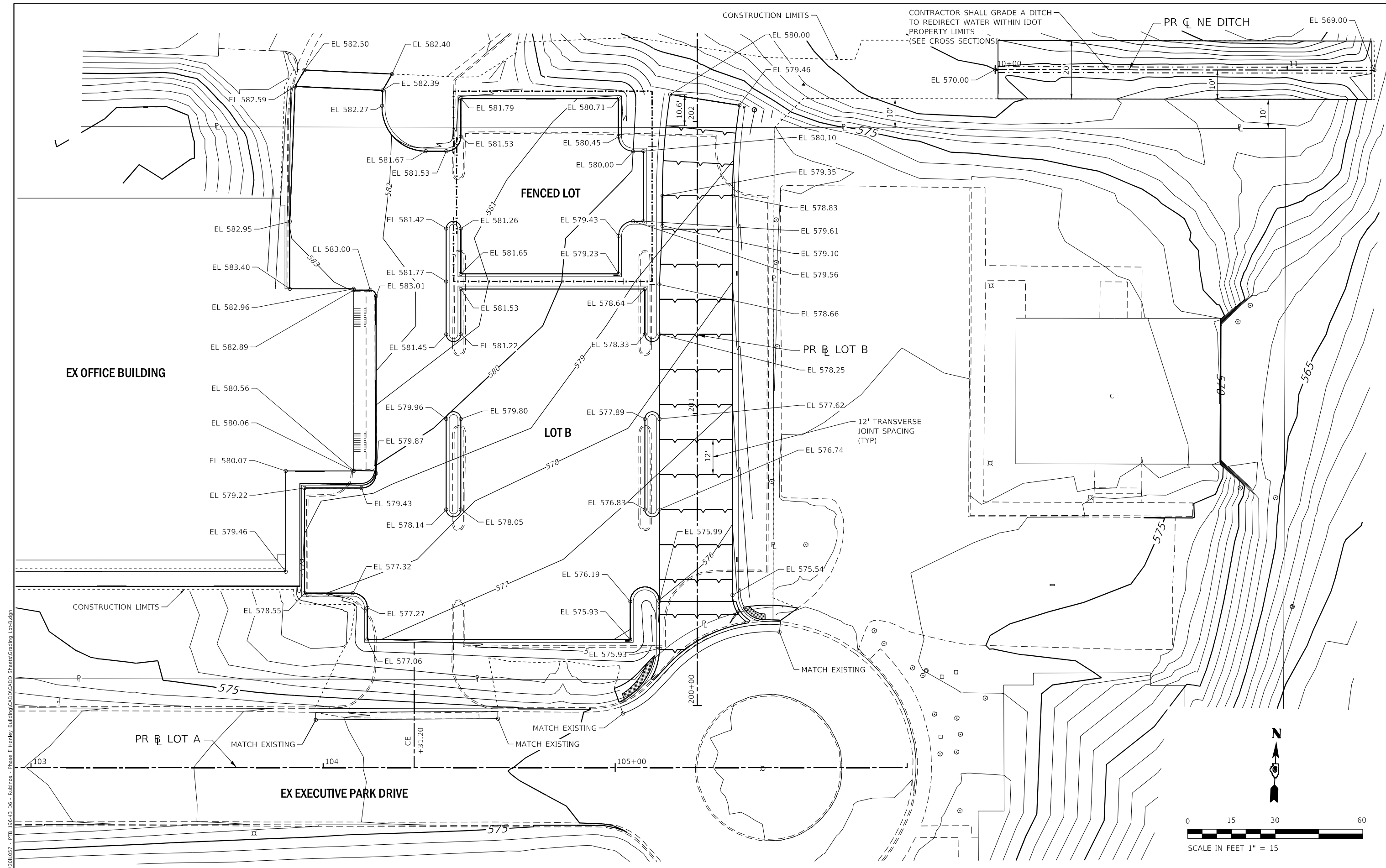
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DRAWN - SL	REVISED -
CHECKED - FBN	REVISED -
DATE - 05/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING AND JOINTING PLAN
LOT A

SCALE: 1" = 15' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	20
			CONTRACT NO. 72401	
ILLINOIS FED. AID PROJECT				



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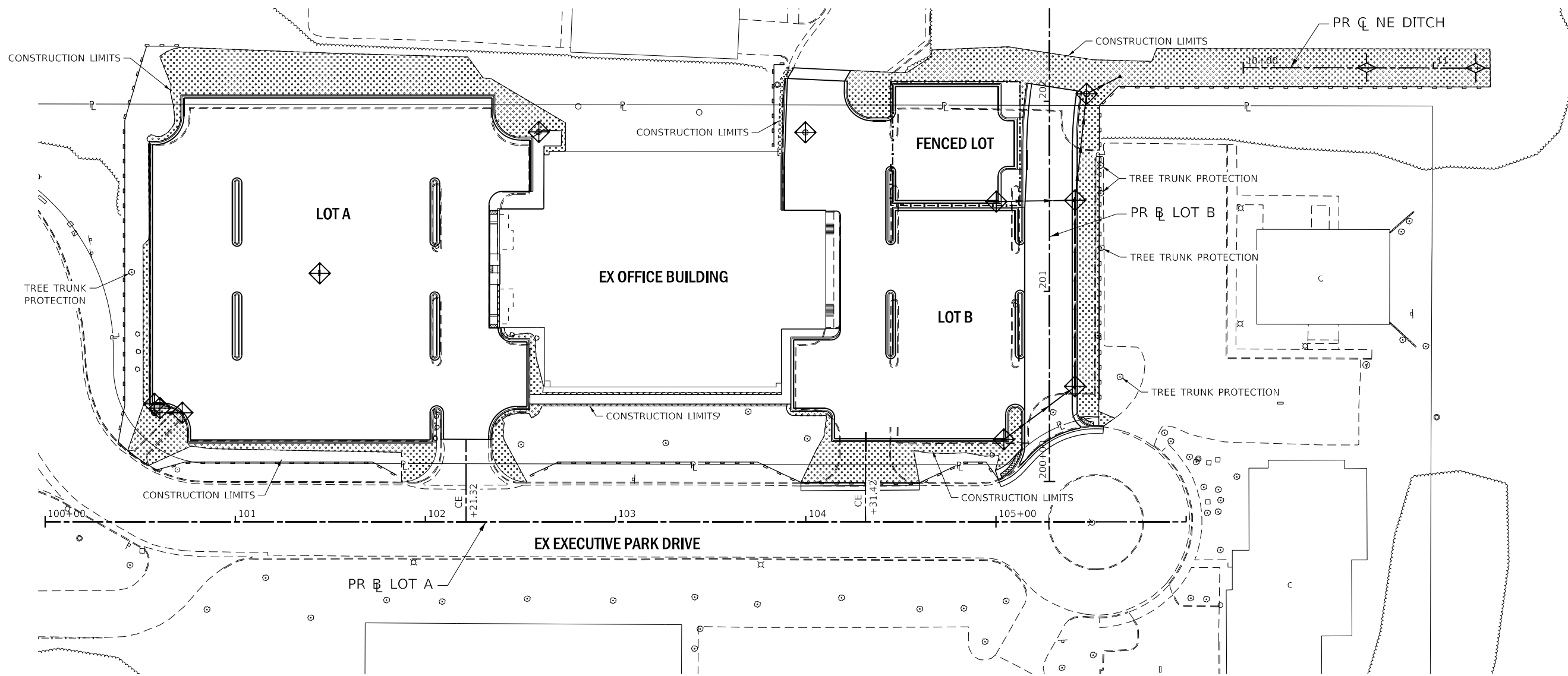
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING AND JOINTING PLAN
LOT B
 SCALE: 1" = 15'
 SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	21
CONTRACT NO. 72401			ILLINOIS FED. AID PROJECT	

LEGEND

-  PERIMETER EROSION BARRIER
-  INLET AND PIPE PROTECTION
-  SEEDING, CLASS 1



MODEL Path: \\...
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	DATE - 05/02/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL	
SITE PLAN	
SCALE: 1" = 30'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72401	

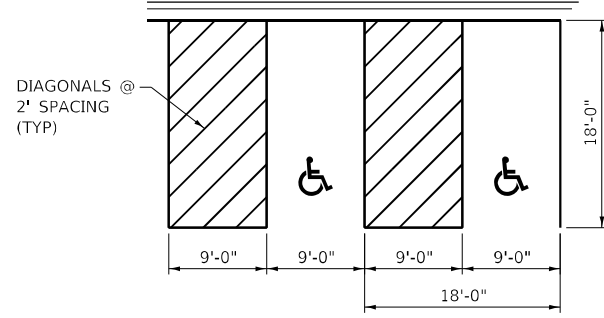
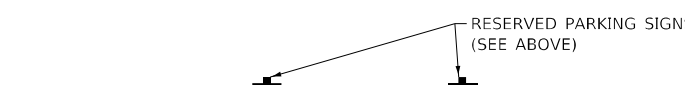
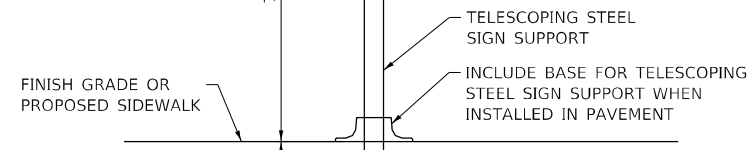


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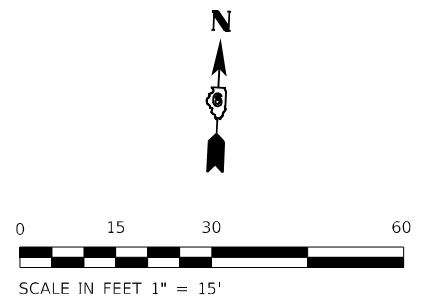
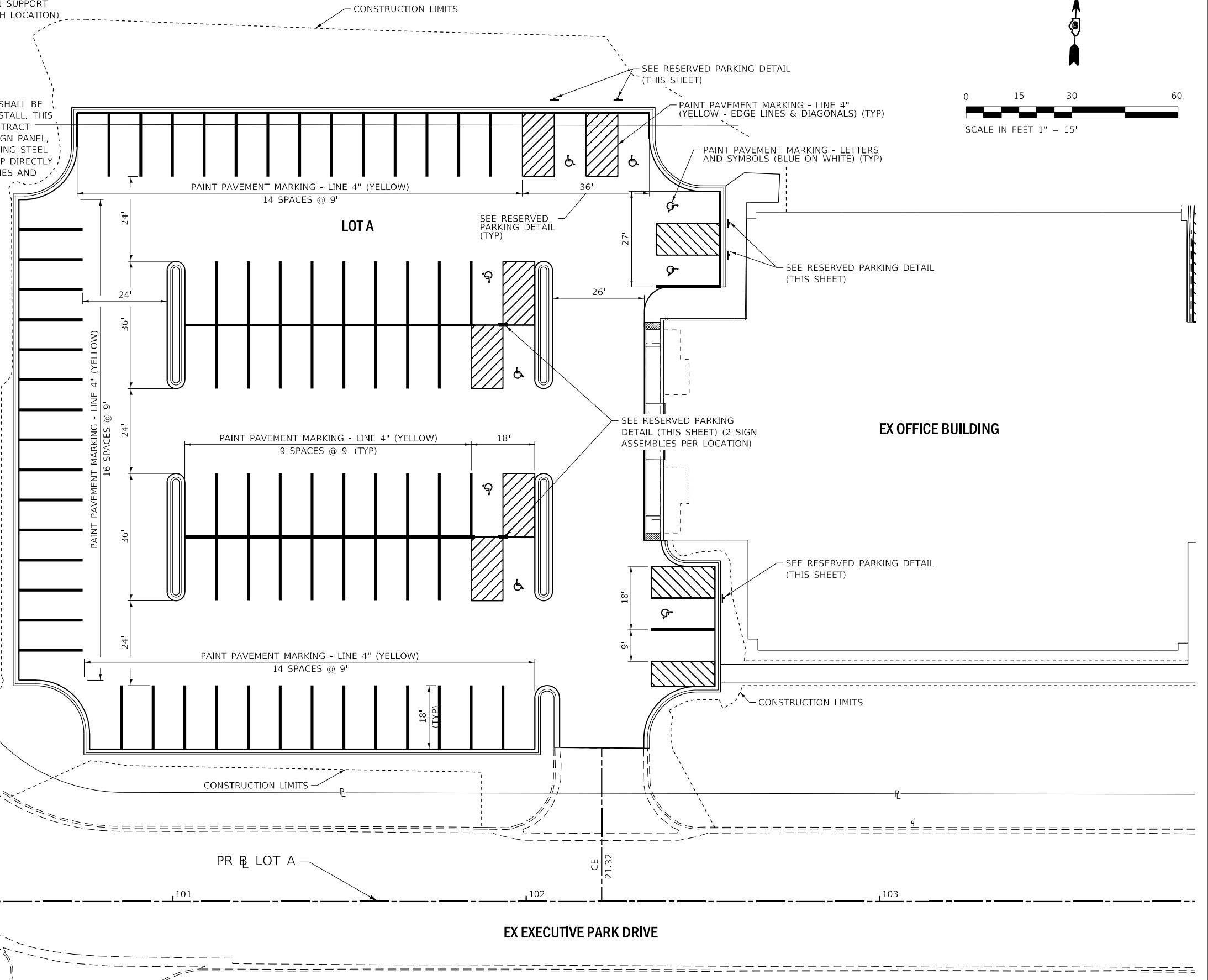
12 FOOT OF TELESCOPING STEEL SIGN SUPPORT
2 SQ FT OF SIGN PANEL, TYPE 1 (EACH LOCATION)

NOTES:

THE SIGN PANEL AND SIGN SUPPORT SHALL BE PLACED AT EACH DISABLED PARKING STALL. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR SIGN PANEL, TYPE 1 AND PER FOOT FOR TELESCOPING STEEL SIGN SUPPORT. MOUNT PLATE R7-1101P DIRECTLY BELOW SIGN R7-8. PARKING STALL LINES AND DIAGONALS SHALL BE 4" WIDE.



RESERVED PARKING DETAIL



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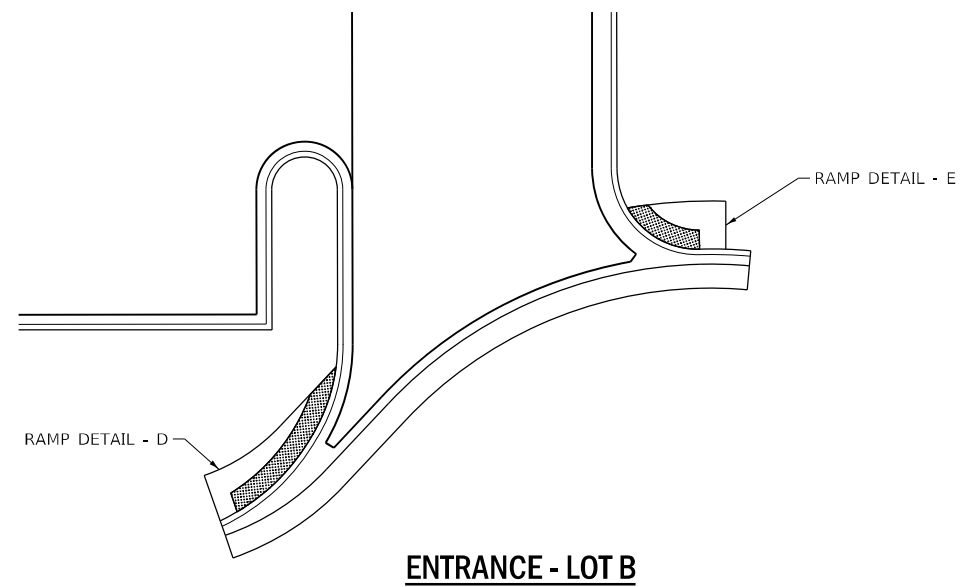
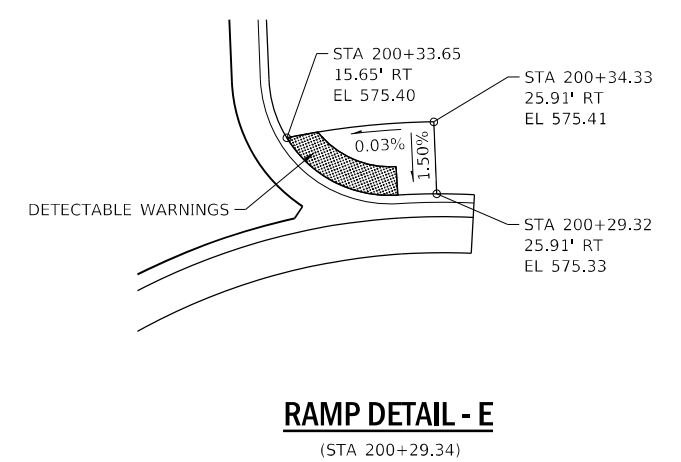
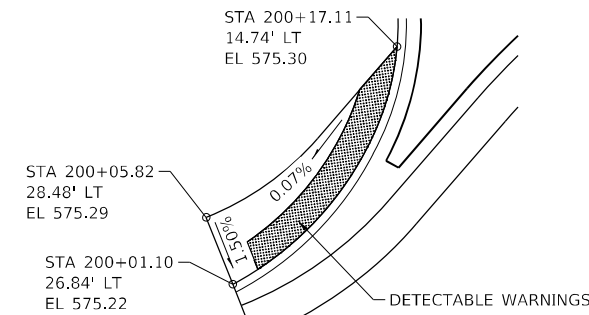
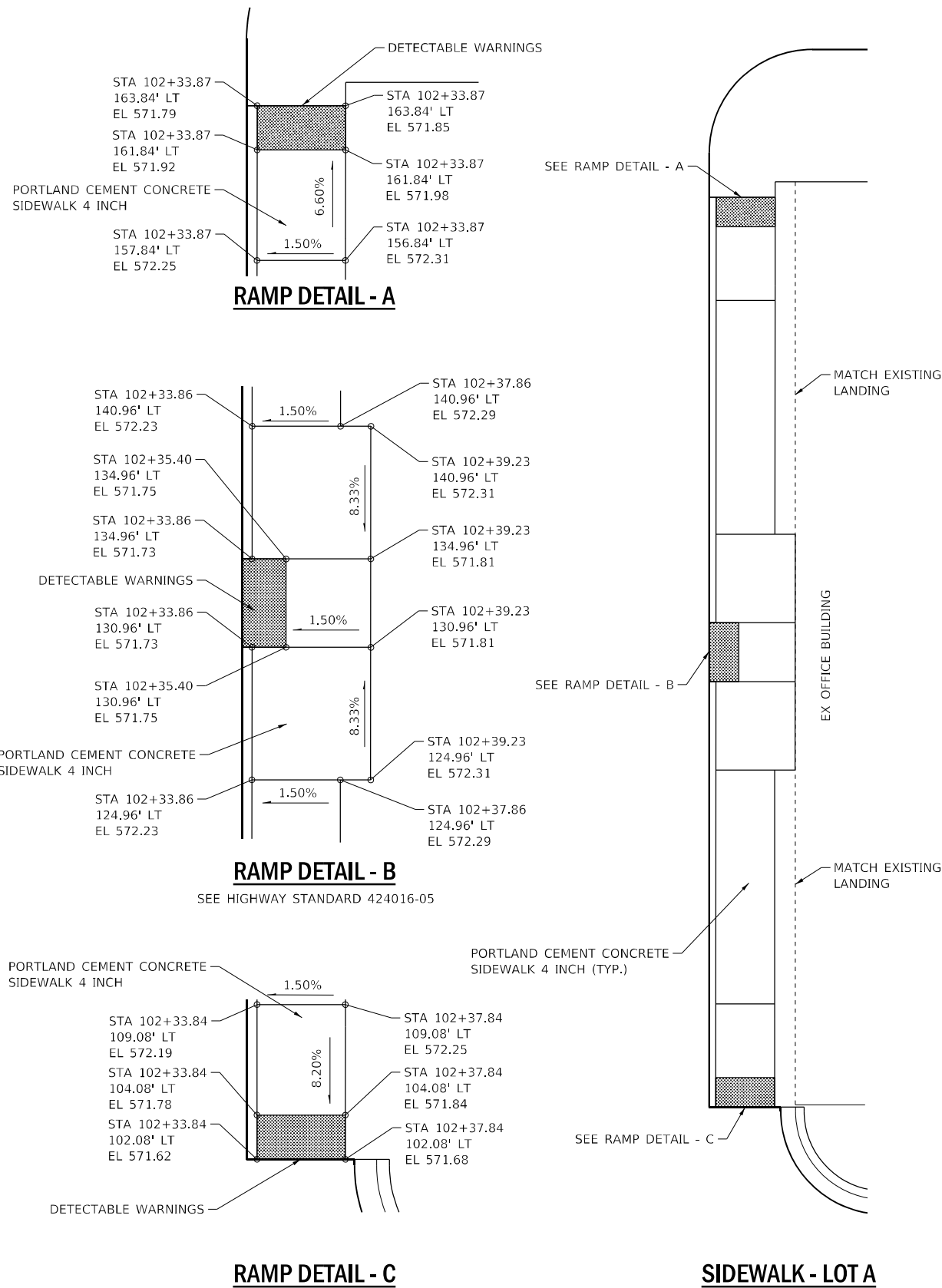


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PLOT DATE = 5/2/2022	CHECKED - FBN	REVISED -
	DATE - 05/02/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING			
LOT A			
SCALE: 1" = 15'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	23
			CONTRACT NO. 72401	
ILLINOIS FED. AID PROJECT				



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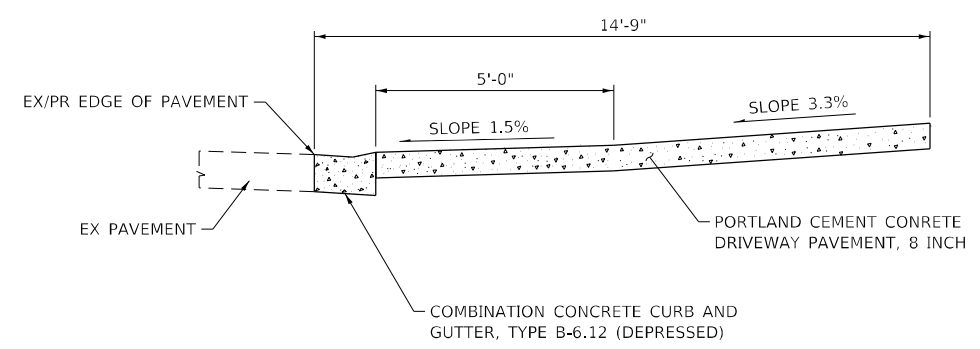
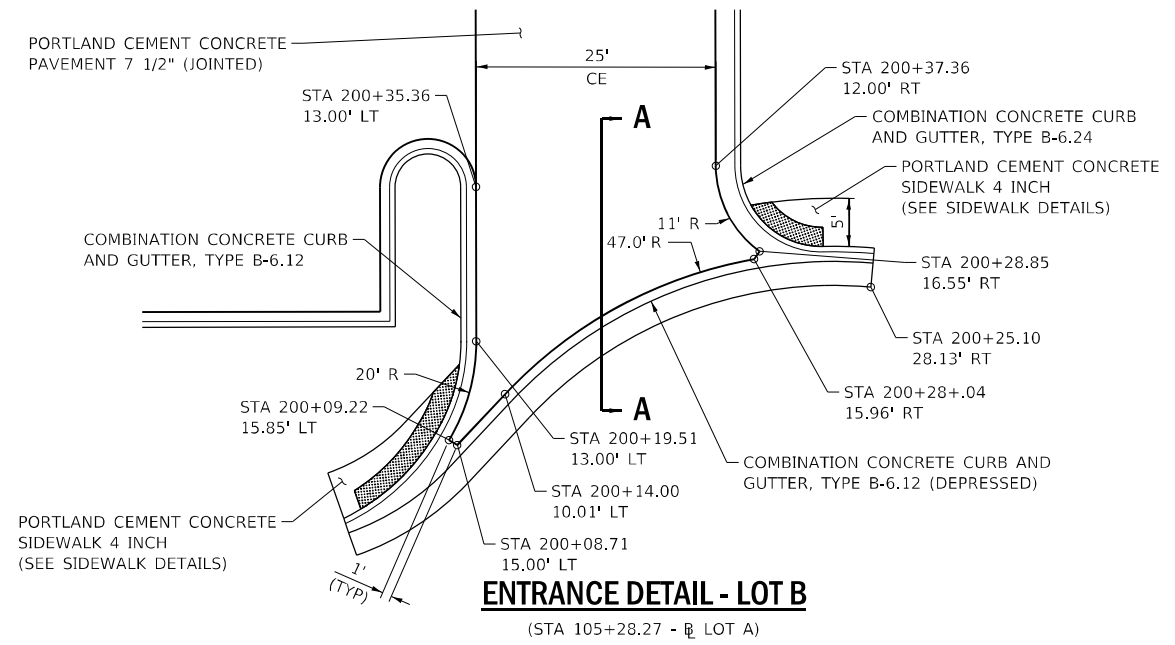
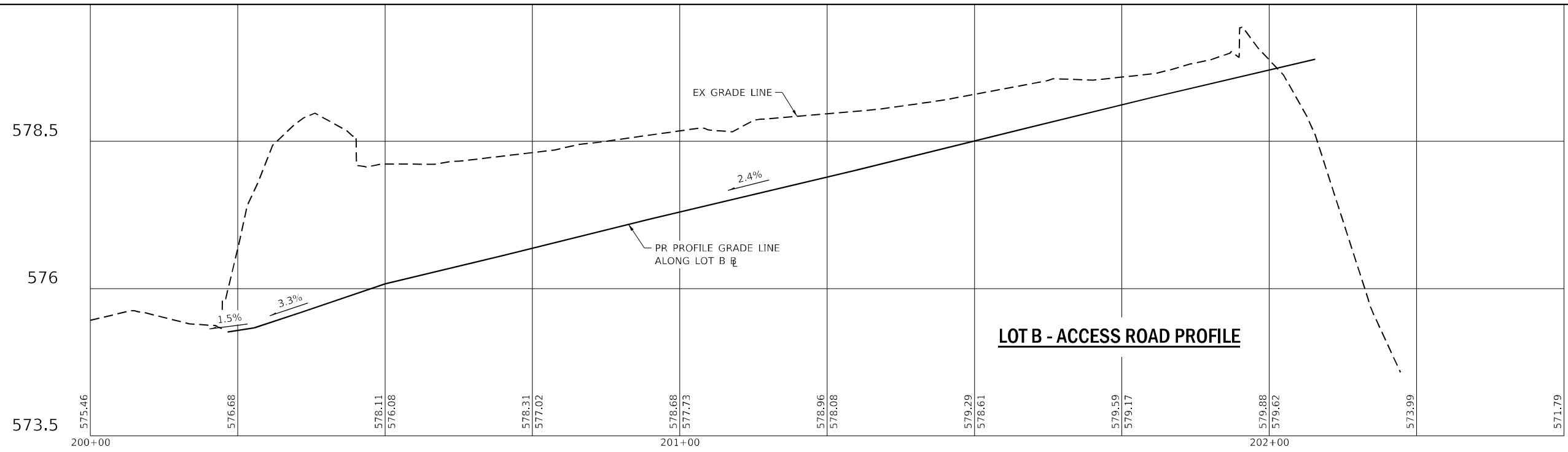


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	DATE - 05/02/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 5'		SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	25
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72401	



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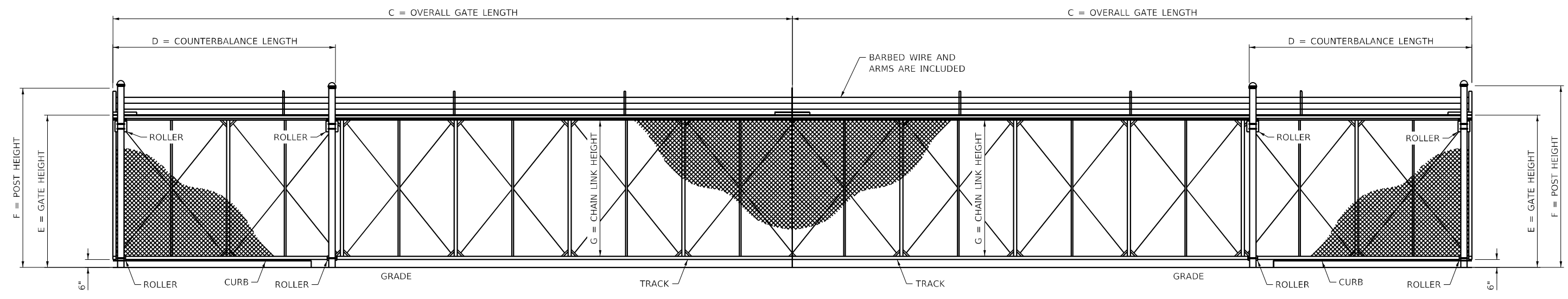
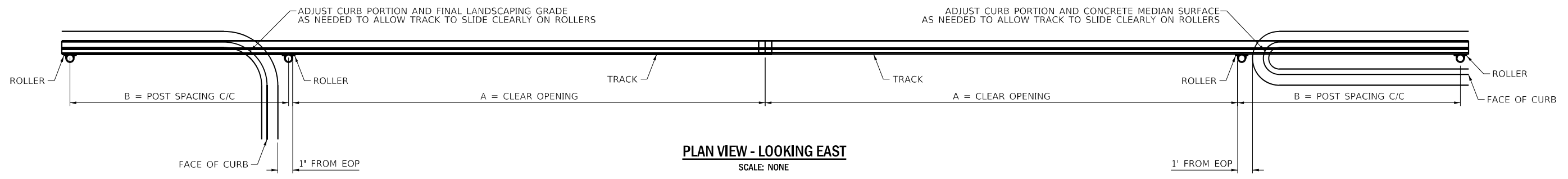
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PLOT DATE = 5/2/2022	DATE - 05/02/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE DETAILS	
SCALE: 1" = 5'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	26
CONTRACT NO. 72401			ILLINOIS FED. AID PROJECT	

CRITICAL DIMENSION CHART			
MARK	DESCRIPTION	FORMULA	DIM.
A	CLEAR OPENING	A	11'
B	COUNTERBALANCE POST SPACING C/C	(A/2)-11"	4.58'
C	OVERALL GATE LENGTH	A x 1.5	16.5'
D	COUNTERBALANCE LENGTH	A x 0.5	5.5'
E	NOMINAL GATE HEIGHT	E	6.5'
F	POST HEIGHT (W BARB ARMS)	E + 1'-6"	8'
G	CHAIN LINK FABRIC HEIGHT	E - 1'-0"	5.5'



- NOTES:
- GATE CONSISTS OF TWO SLIDING PANELS TO BE PAID FOR AS CHAIN LINK GATE (SPECIAL) - 2 EACH
 - ALL FITTINGS STANDARDLY PROVIDED FOR 4" O.D. POSTS. OTHER SIZE POSTS PER MANUFACTURER.
 - ALL BRACING, ASSEMBLIES, AND OTHER DETAILS SHALL BE PER THE MANUFACTURERS RECOMMENDATIONS.
 - ADJUSTMENTS TO THE HEIGHT OF CURB, CONCRETE MEDIAN SURFACE, AND FINAL LANDSCAPING GRADE ARE NEEDED AT THE LOCATIONS SHOWN TO ALLOW THE GATES TO SLIDE FULLY OPEN.
 - TOP OF GATE AND BARBED WIRE SHOULD MATCH THE HEIGHT OF ADJACENT FENCE EXACTLY, SO ADJUST POST HEIGHTS OR OTHER ASSEMBLIES AS NEEDED.

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PLOT DATE = 5/2/2022	DATE - 05/02/2022	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE GATE DETAILS

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	27
CONTRACT NO.			72401	
ILLINOIS FED. AID PROJECT				

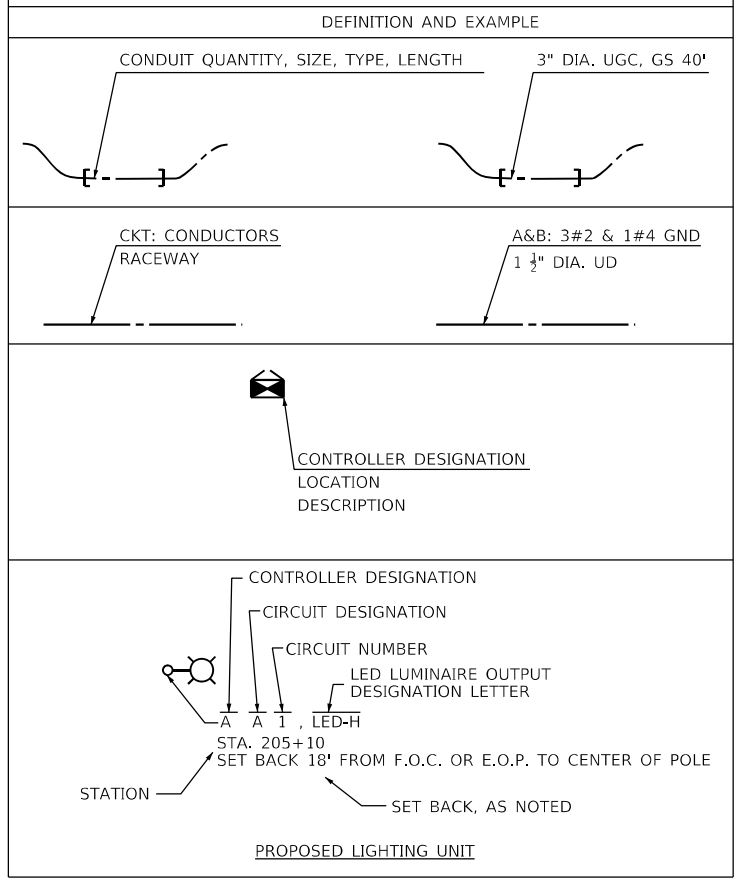
LIGHTING AND ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	EXISTING LIGHTING UNIT TO BE REMOVED
	EXISTING LIGHTING UNIT TO BE RELOCATED
	PROPOSED LIGHTING UNIT: ROUND TAPERED ALUMINUM POLE, 40 FT MOUNTING HEIGHT TWO LED LUMINAIRES, HORIZONTAL MOUNT, OUTPUT DESIGNATION E
	PROPOSED LIGHTING UNIT: ROUND TAPERED ALUMINUM POLE, 40 FT MOUNTING HEIGHT, LED LUMINAIRE, HORIZONTAL MOUNT, OUTPUT DESIGNATION E
	PROPOSED GULFBOX JUNCTION, COMPOSITE CONCRETE, 11" X 18" X 18"
	EXISTING UNDERGROUND CONDUIT TO BE ABANDONED IN PLACE
	PROPOSED UNDERGROUND CONDUIT, WITH ELECTRIC CABLE, SIZE AND TYPE AS NOTED

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
ATS	ATTACHED TO STRUCTURE
B.O.C.	BACK OF CURB
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
COMED	COMMONWEALTH EDISON COMPANY
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
EX.	EXISTING
ECA	ELECTRIC CABLE ASSEMBLY
EIS	EMBEDDED IN STRUCTURE
E.O.P.	EDGE OF PAVEMENT
F.O.C.	FACE OF CURB
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LED	LIGHT EMITTING DIODE
LP	LIGHT POLE
M	METER
MA	MAST ARM
MC	MULTI-CONDUCTOR
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSENGER WIRE
NESC	NATIONAL ELECTRIC SAFETY CODE
NO. #	NUMBER
N.T.S.	NOT TO SCALE
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC	PVC COATED RIGID GALVANIZED CONDUIT
RGC	RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T/F	TOP OF FOUNDATION
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
VAC	VOLTS, ALTERNATING CURRENT
W	WATTS
WP	WOOD POLE
XFMR	TRANSFORMER
HPS	HIGH PRESSURE SODIUM
LPS	LOW PRESSURE SODIUM
LTFM	LIQUID TIGHT FLEXIBLE METALLIC

CALL-OUT SAMPLE



GENERAL NOTES

- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

ITEM	UNIT	QUANTITY
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1000
GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2400
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION E	EACH	18
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	140
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	10
REMOVAL OF POLE FOUNDATION	EACH	10
LIGHT POLE, SPECIAL	EACH	10

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	DATE - 04/29/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING LEGEND, GENERAL NOTES
AND SCHEDULE OF QUANTITIES**

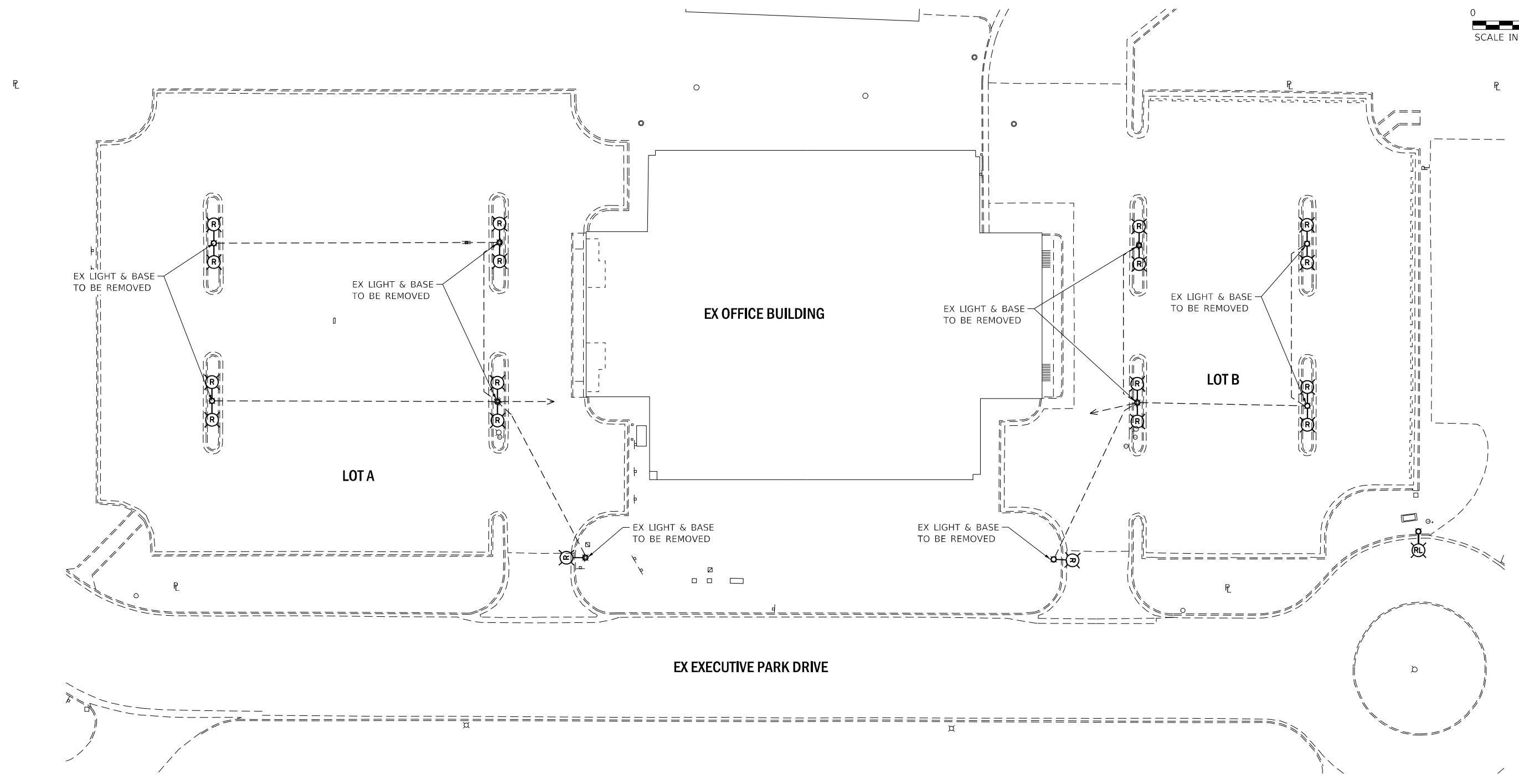
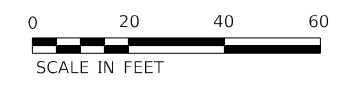
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	28
CONTRACT NO. 72401				
ILLINOIS FED. AID PROJECT				

LT-01

NOTES:

1. SEE SHEET LT-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.



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LT-02



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

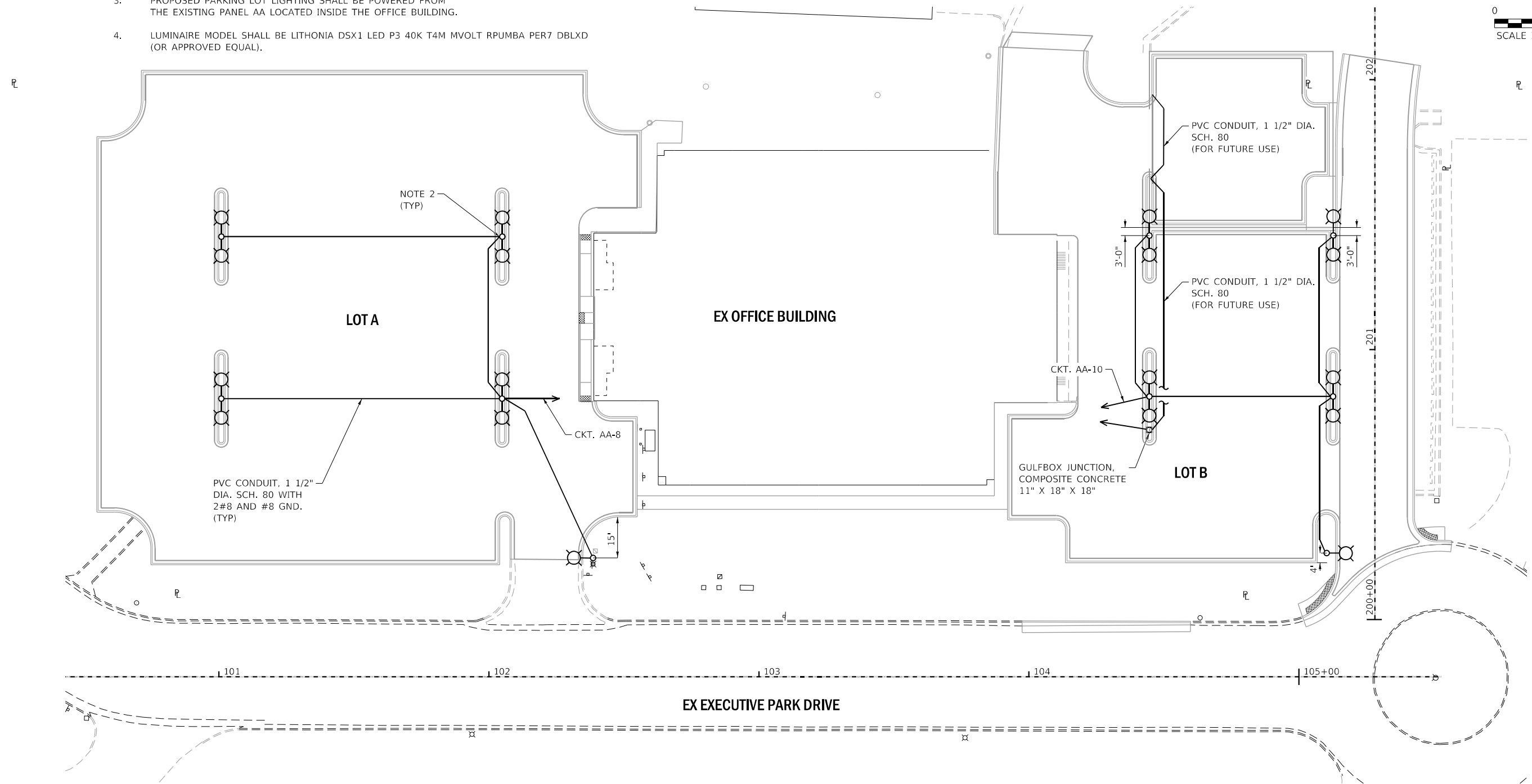
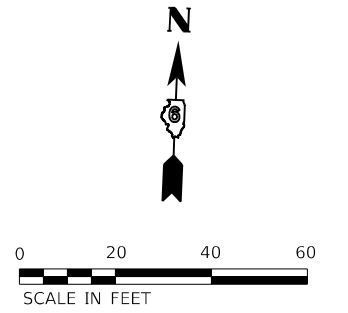
EXISTING LIGHTING REMOVAL PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	29
CONTRACT NO. 72401				
ILLINOIS FED. AID PROJECT				

NOTES:

1. SEE SHEET LT-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. PROPOSED POLE SHALL BE CENTERED WITHIN ISLAND.
3. PROPOSED PARKING LOT LIGHTING SHALL BE POWERED FROM THE EXISTING PANEL AA LOCATED INSIDE THE OFFICE BUILDING.
4. LUMINAIRE MODEL SHALL BE LITHONIA DSX1 LED P3 40K T4M MVOLT RPUMBA PER7 DBLXD (OR APPROVED EQUAL).



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LT-03



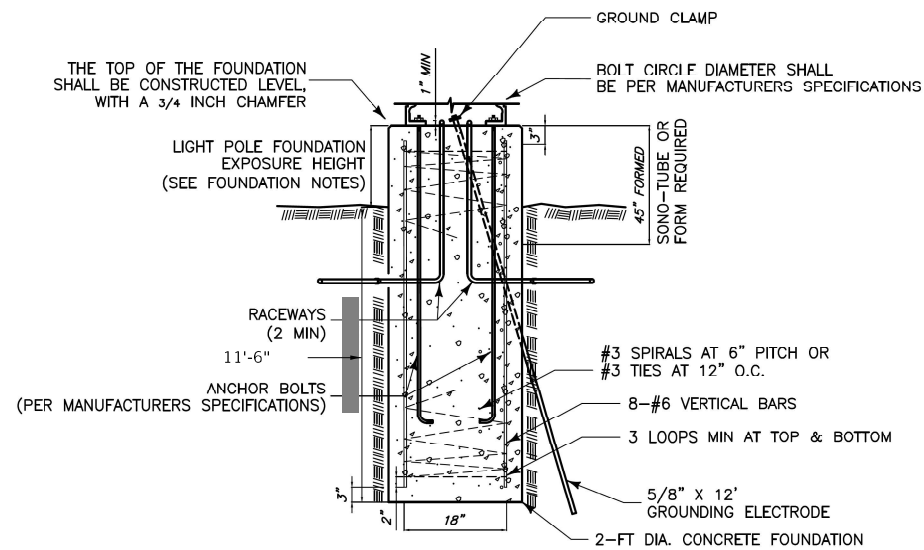
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED LIGHTING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 663	SECTION HANLEY PARKING 2022	COUNTY SANGAMON	TOTAL SHEETS 40	SHEET NO. 30
			CONTRACT NO. 72401	
		ILLINOIS	FED. AID PROJECT	



1 LIGHT POLE FOUNDATION DETAIL
NO SCALE

FOUNDATION NOTES:

1. THE BOLT CIRCLE DIAMETER SHALL BE SIZED PER LIGHT POLE MANUFACTURER'S SPECIFICATIONS (4 EA).
2. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
3. THE LIGHT POLE FOUNDATIONS SHALL BE EXPOSED 30-INCHES ABOVE FINISHED GRADE WITHIN THE PARKING LOT. IF THE FOUNDATION HEIGHT DOES NOT MEET THESE SPECIFICATIONS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
4. THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
5. THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION A MIN. OF 45 IN. FROM THE TOP AND A MAX. OF 50% OF THE TOTAL DEPTH. FOUNDATION TOP SHALL BE CHAMFERED 3/4 -IN.
6. THE EXPOSED PORTION OF THE FOUNDATION SHALL BE HAND FINISHED SMOOTH TO REMOVE ANY LINER FORM MARKS.
7. THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE FOR A MINIMUM OF 3-7 DAYS ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
8. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD.
9. THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
10. ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
11. THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES WITH A MINIMUM OF 3 INCHES OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
12. ANCHOR RODS SHALL PROJECT 2-3/4 IN. ABOVE THE TOP OF THE FOUNDATION (OR AS SPECIFIED BY THE LIGHT POLE MANUFACTURER).
13. THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6 IN. PITCH OR MAY SUBSTITUTE #3 TIES AT 12 IN. O.C. WITH THE APPROVAL OF THE ENGINEER.
14. THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
15. THE RACEWAYS SHALL PROJECT 1 IN. ABOVE THE TOP OF THE FOUNDATION AND SHALL TERMINATE WITH A GROUNDING BUSHING (AS APPLICABLE).
16. RACEWAYS SHALL BE 3.5" PVC FOR UNIT DUCT AND RIGID GALVANIZED STEEL (OF THE SAME SIZE) WHEN STEEL IS UTILIZED FOR UNDERGROUND CONDUIT SPANS. EXTRA RACEWAYS SHALL EXTEND 12 IN. BEYOND THE FOUNDATION AND BE CAPPED. RIGID GALVANIZED STEEL RACEWAYS SHALL BE INSTALLED WITH A GROUNDING BUSHING.
17. ALL REINFORCEMENT BARS SHALL BE EPOXY COATED.
18. ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE NATIONAL ELECTRICAL SAFETY CODE.

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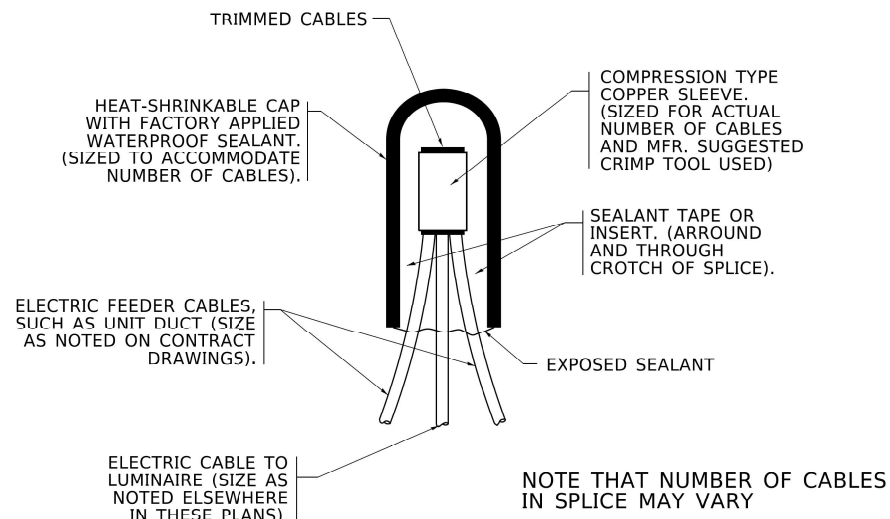
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING DETAILS

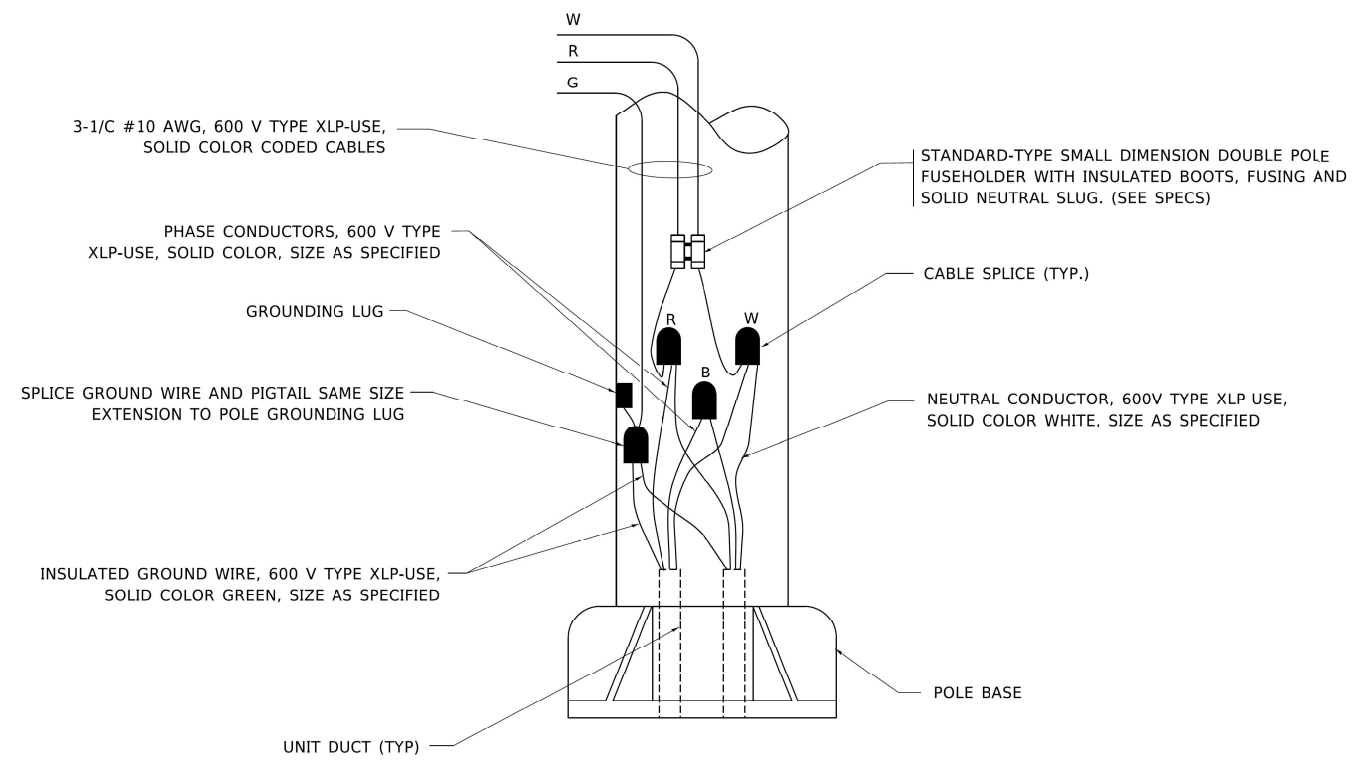
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	31
			CONTRACT NO. 72401	
		ILLINOIS	FED. AID PROJECT	

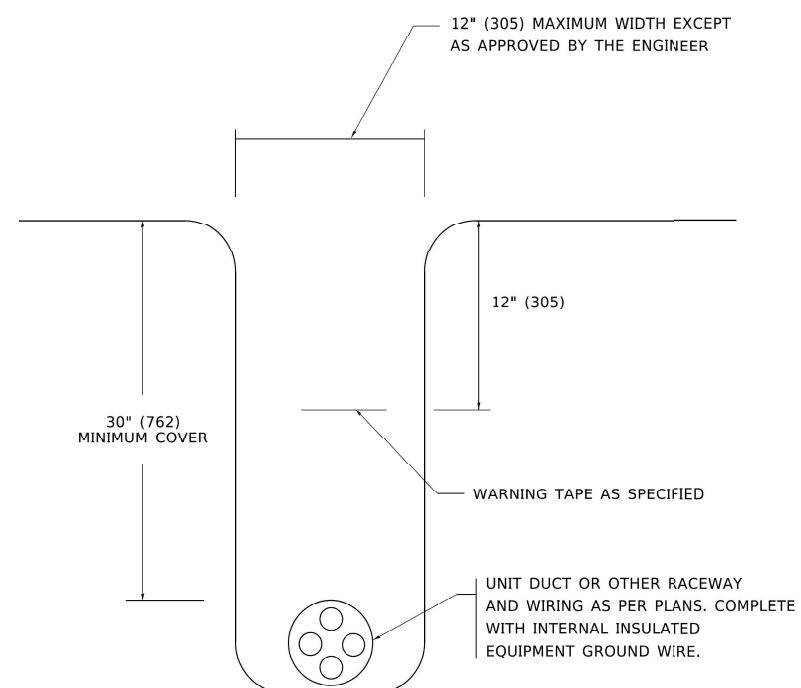
LT-04



TYPICAL SPLICE DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.

PANELBOARD SCHEDULE

PANEL AA TYPE NQOD 277/480 VOLTS 3 P 4 W
 PANEL WIDTH 20" MOUNTING FLUSH SURFACE GROUND BAR FEED THRU LUGS 100 AMP. MAINS: LUGS SHUNT TRIP MAIN BREAKER

ITEM	AMP. RATING	POLE	CIR. NO.	LEFT PHASE LOADING			RIGHT PHASE LOADING			CIR. NO.	AMP. RATING	POLE	ITEM
				A	B	C	A	B	C				
LIGHTING	20	1	1	3.3			2.9			2	20	1	LIGHTING
LIGHTING	20	1	3		3.6		2.7			4	20	1	LIGHTING
LIGHTING	20	1	5			3.5		3.8		6	20	1	LIGHTING
LIGHTING	20	1	7	2.6			2.8			8	20	1	EXTERIOR LIGHTS
SPARE	20		9		1.0		2.8			10	20	1	EXTERIOR LIGHTS
SPARE	20		11			1.0		1.0		12	20	1	SPARE
SPARE	20		13	1.0			1.0			14	20	1	SPARE
SPARE	20		15		1.0		1.0			16	20	1	SPARE
SPARE	20		17			1.0		1.0		18	20	1	SPARE
SPACE			19							20			SPACE
SPACE			21							22			SPACE
SPACE			23							24			SPACE
SPACE			25							26			SPACE
SPACE			27							28			SPACE
SPACE			29							30			SPACE
			31							32			
			33							34			
			35							36			
			37							38			
			39							40			
			41							42			
				6.9	5.6	5.5	6.7	6.7	5.8				
FEEDER <input checked="" type="checkbox"/> TOP <input type="checkbox"/> BOTTOM #2 AWG OR MCM				13.6	12.3	11.3	← TOTALS			TOTAL CONN. LOAD 37,200 WATTS			
INTEGRATED EQUIPMENT RATING 25,000 AMPS RMS SYM							<input type="checkbox"/> "MONO-FLUSH" TRIM			END			

EXISTING PANELBOARD AA
(FOR REFERENCE)

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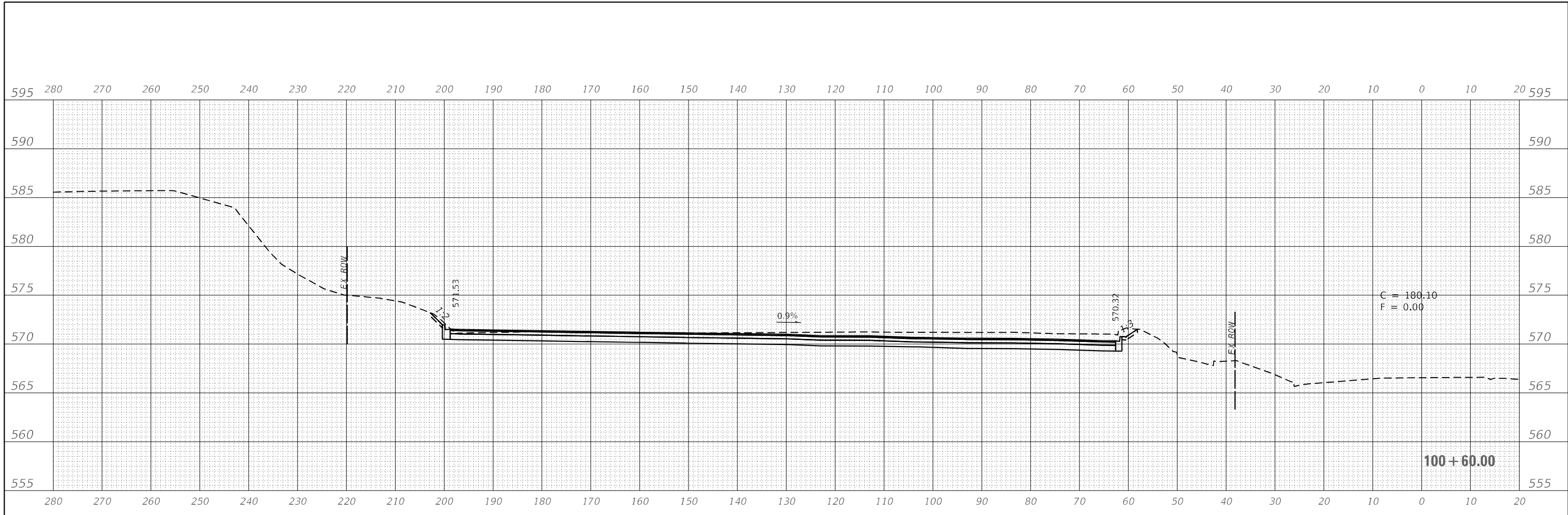
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	DATE - 04/29/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

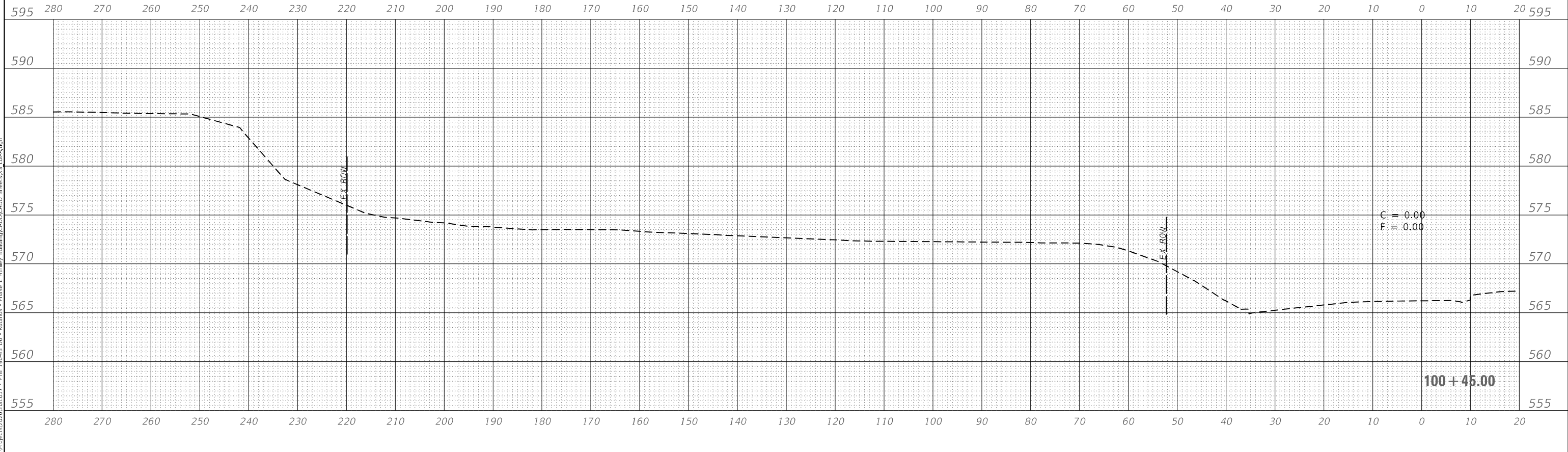
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	32
			CONTRACT NO. 72401	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 LOT A**

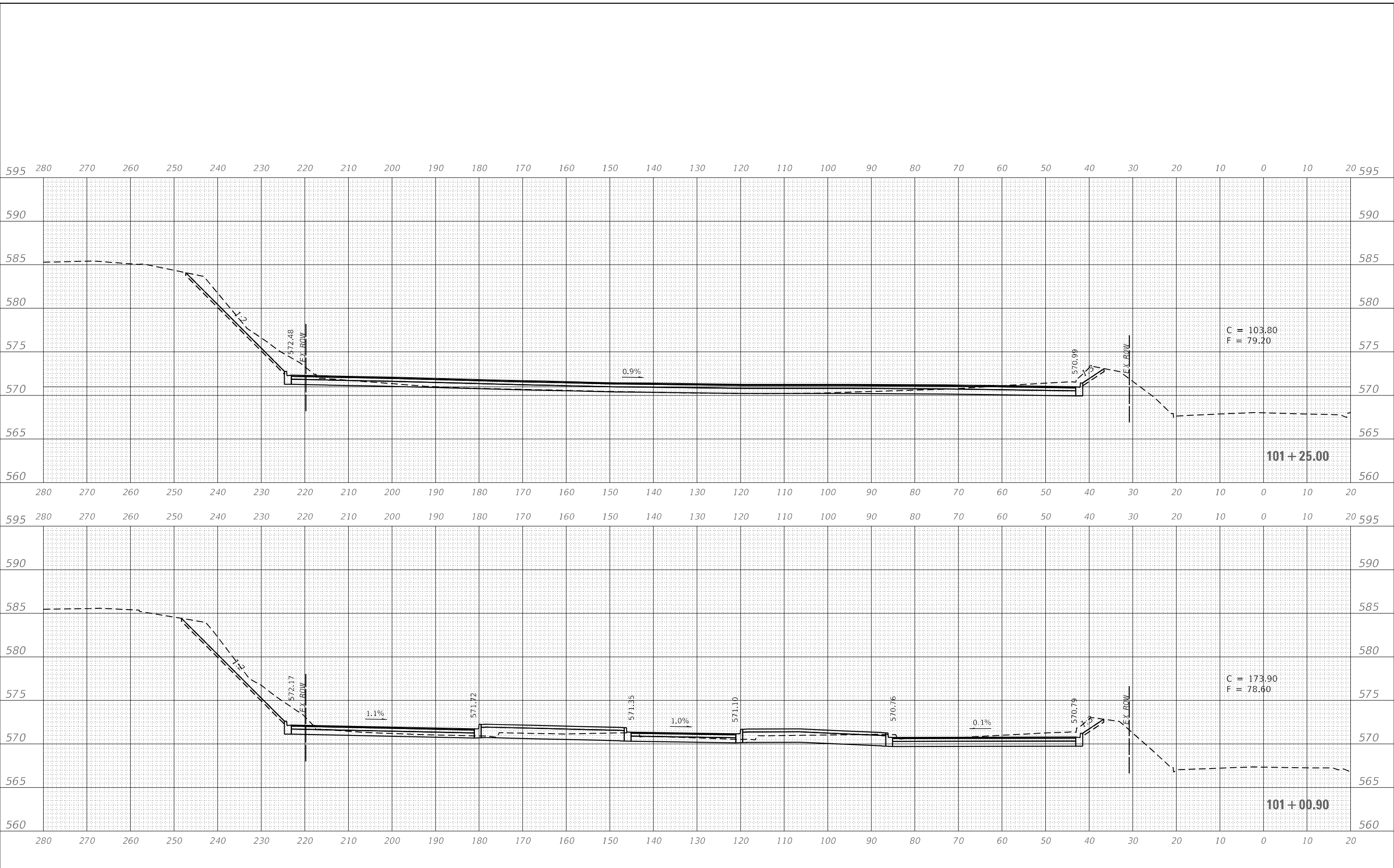
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	33
			CONTRACT NO.	72401
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVISED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVISED	DATE
NOTE BOOK	PLOTTED	BY
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PLOT DATE = 5/2/2022	CHECKED - FBN	REVISED -
	DATE - 05/02/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 LOT A**

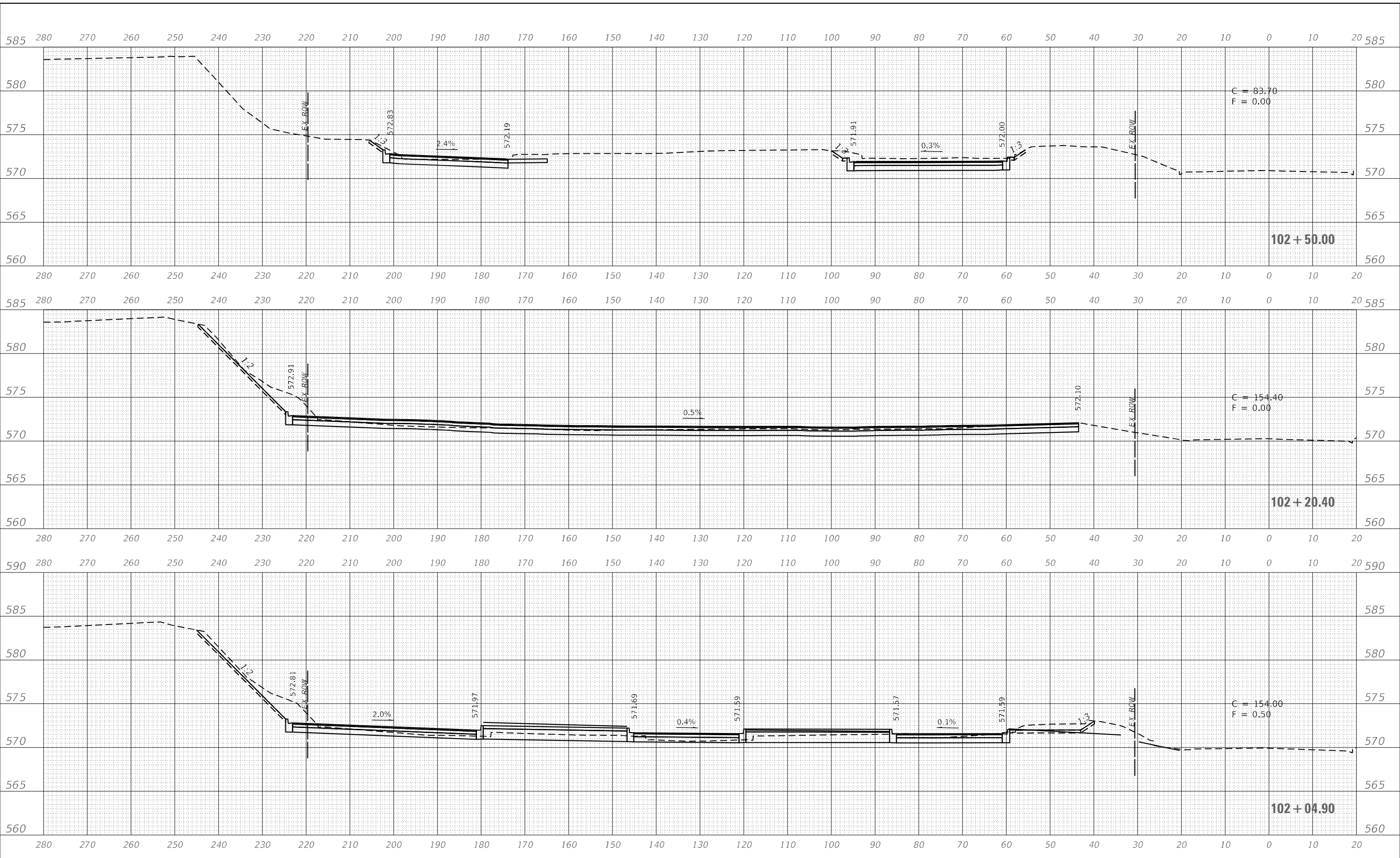
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	34
			CONTRACT NO.	72401
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	TEMPLATE	
	AREAS CHECKED	
	AREAS	

ORIGINAL SURVEY NO.	SURVEYED	DATE
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 LOT A**

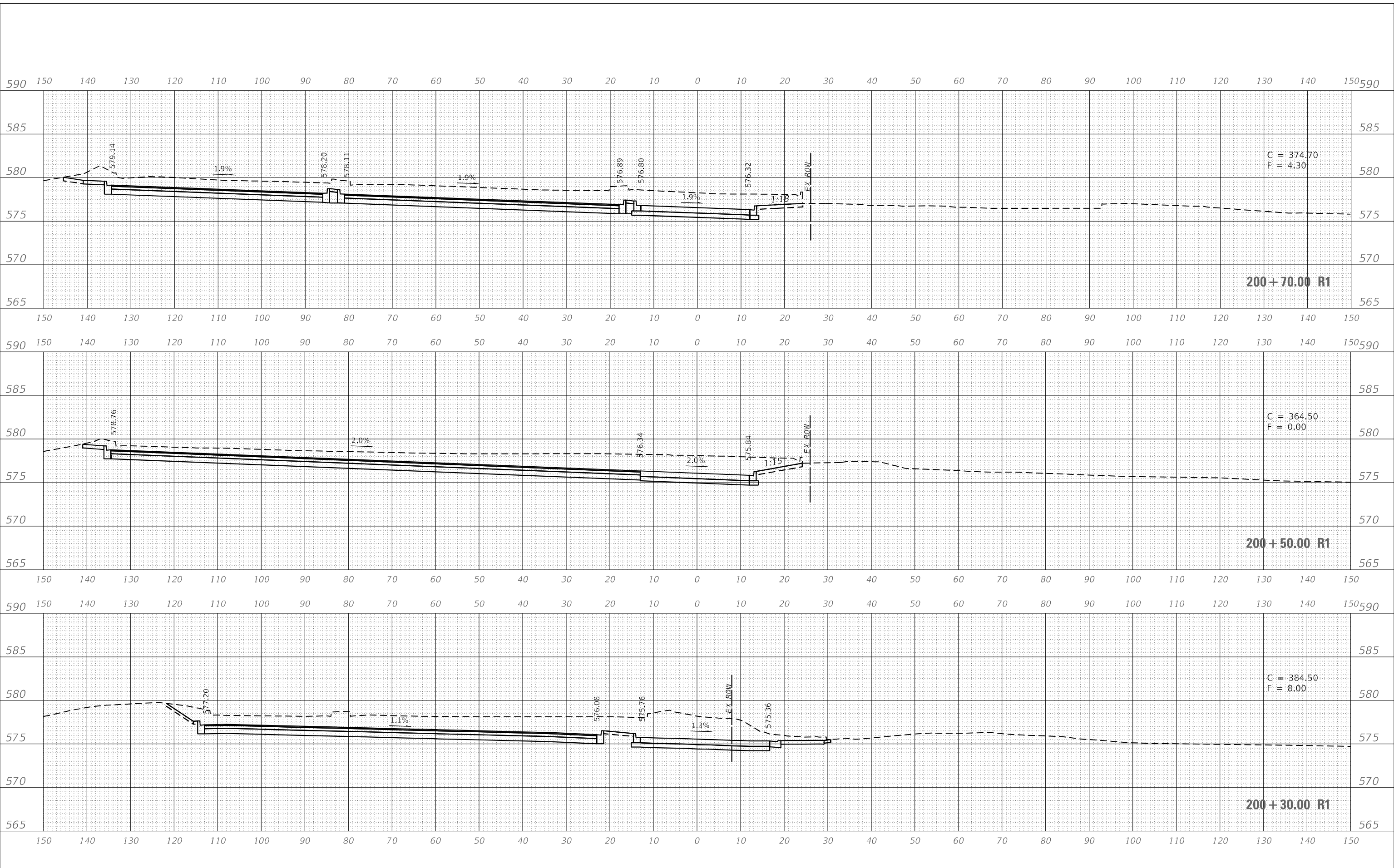
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F.A. RTE. 663	SECTION HANLEY PARKING 2022	COUNTY SANGAMON	TOTAL SHEETS 40	SHEET NO. 36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72401	

DATE	
BY	
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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

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DESIGNED	- RG
DRAWN	- RG
CHECKED	- FBN
DATE	- 05/02/2022
REVISIONS	
REVISIONS	
REVISIONS	
REVISIONS	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 LOT B**

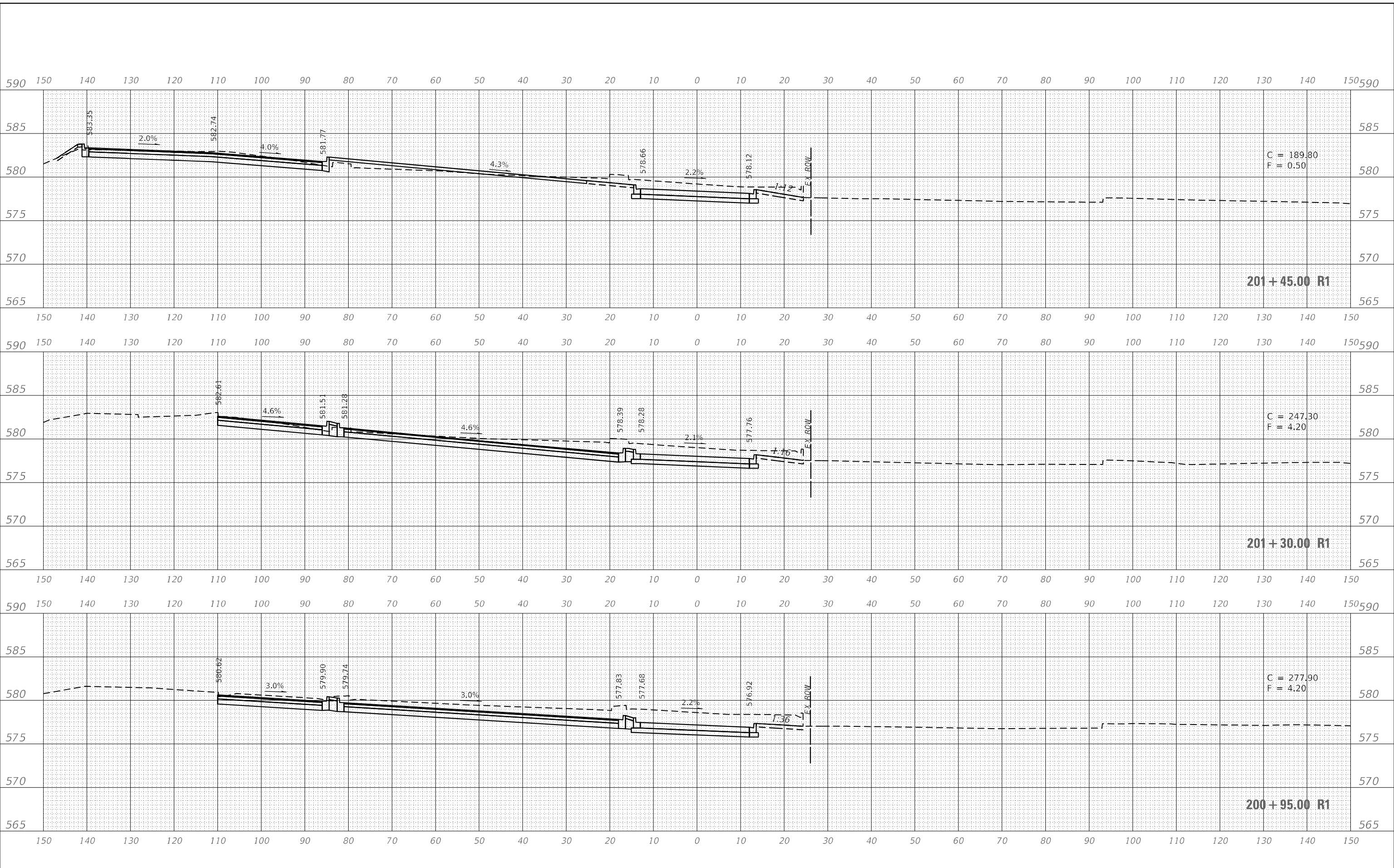
SCALE: H 1 : V 2 SHEET 1 OF 3 SHEETS STA. 200+15.00 R1 TO STA. 200+50.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	37
			CONTRACT NO.	72401
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

MODEL: Definit
 FILE NAME: S:\2020\2020\057 - PB 196-13 D6 - Rutledge - Phase II Hanley Building\CAD\CADD Speers\VS Lot-B.dgn



C = 189.80
 F = 0.50

201 + 45.00 R1

C = 247.30
 F = 4.20

201 + 30.00 R1

C = 277.90
 F = 4.20

200 + 95.00 R1



USER NAME	= FNeison
DESIGNED	- RG
DRAWN	- RG
PLLOT SCALE	= 20,0000 * / in.
PLLOT DATE	= 5/2/2022

REVISIED	-
REVISIED	-
REVISIED	-
REVISIED	-
REVISIED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 LOT B

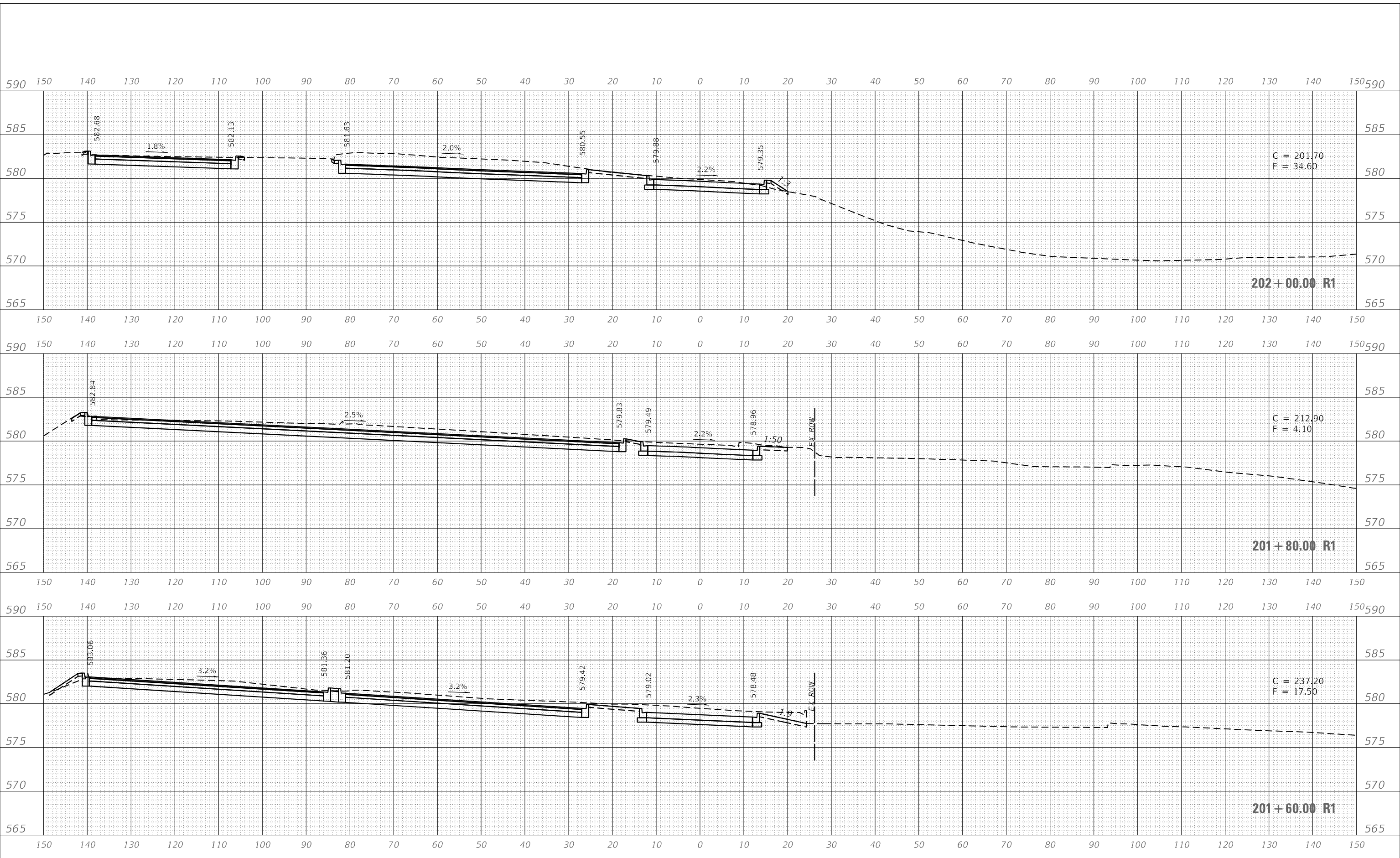
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	38
CONTRACT NO.			72401	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED
	AREAS CHECKED

MODEL: Definit
 FILE NAME: S:\2020\2020\057 - FB 196-13 D6 - Rutledge - Phase II Hanley Building\CAD\CADD Speers\AS Lay-R.dgn



C = 201.70
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C = 212.90
F = 4.10

C = 237.20
F = 17.50



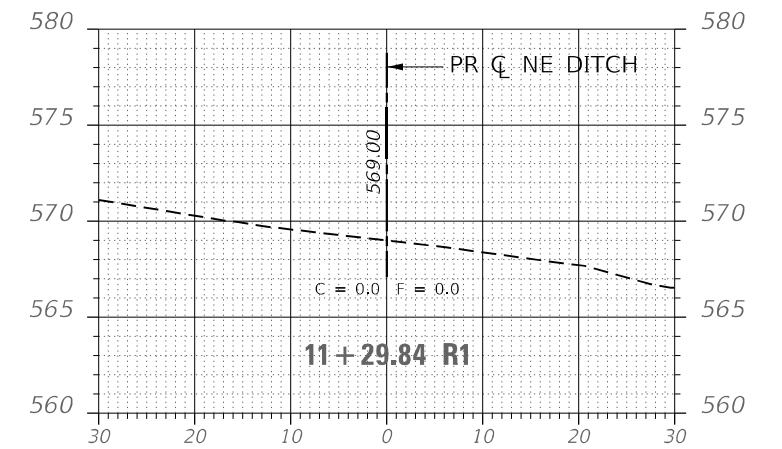
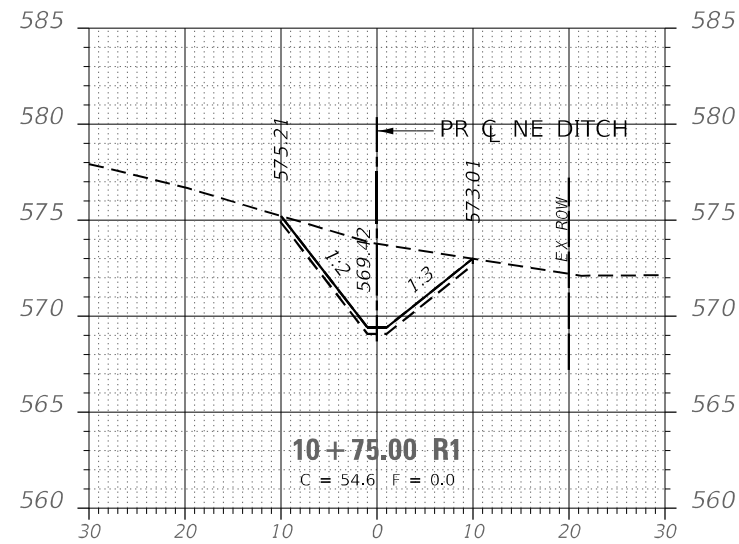
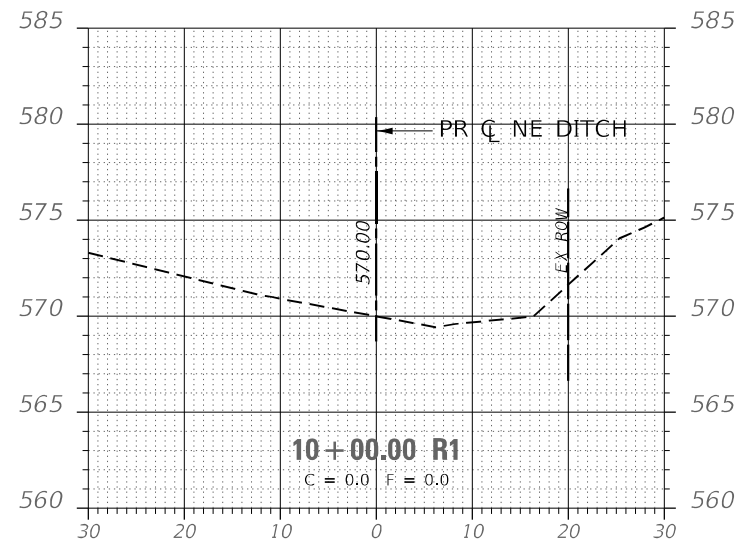
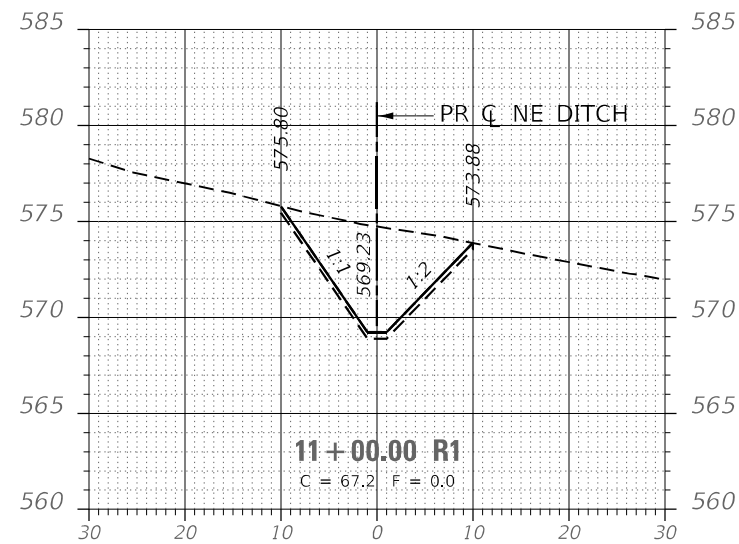
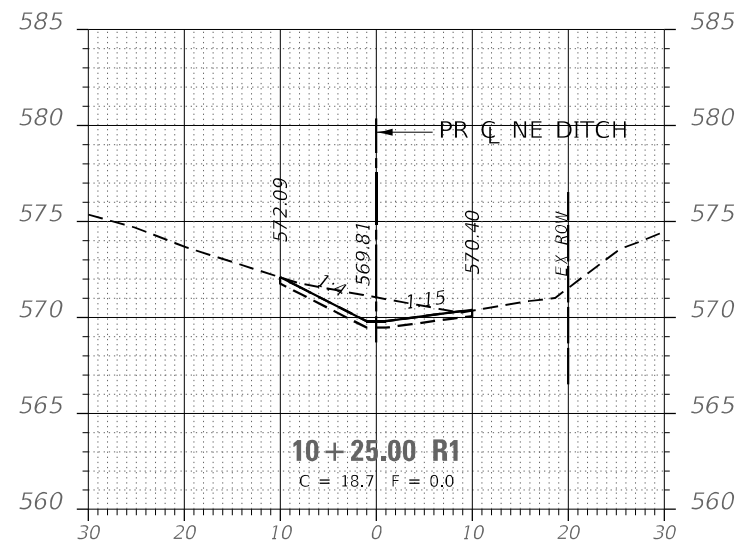
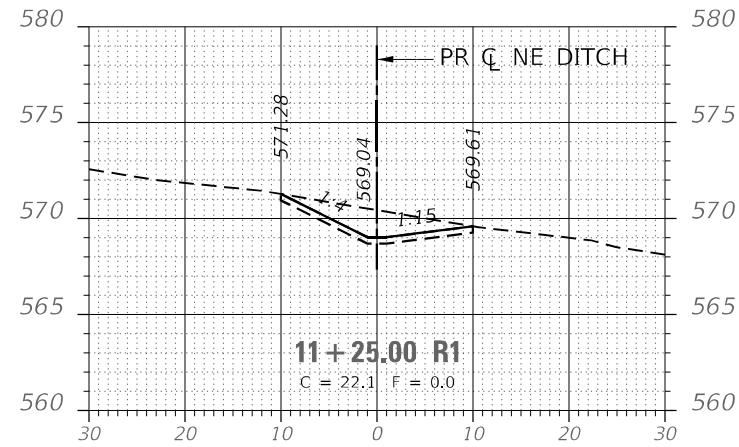
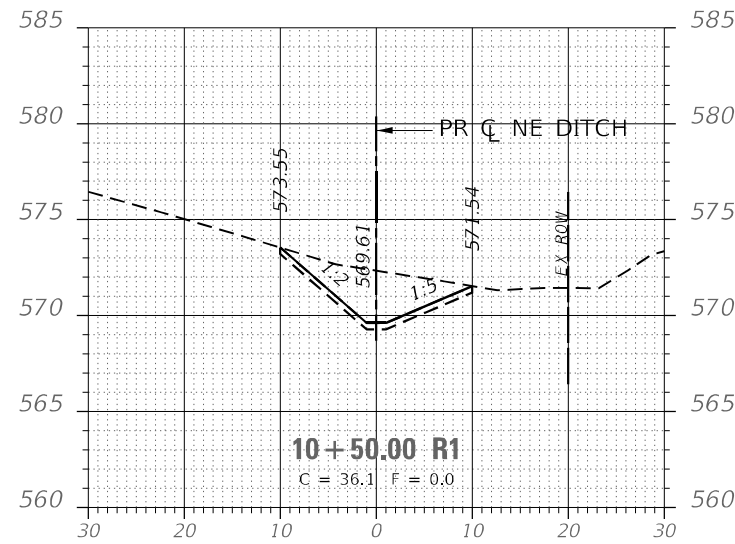
USER NAME	= FNeison
DESIGNED	- RG
DRAWN	- RG
PLLOT SCALE	= 20,0000 * / in.
PLLOT DATE	= 5/2/2022
CHECKED	- FBN
DATE	- 05/02/2022
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
LOT B**

SCALE: H 1 : V 2 SHEET 3 OF 3 SHEETS STA. 201+45.00 R1 TO STA. 201+80.00 R1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	39
CONTRACT NO.			72401	
ILLINOIS FED. AID PROJECT				



MODEL: Default
FILE NAME: S:\2020\202001057 - PTB 196-43 D6 - Rubbles - Phase II Hanley Building\CADD\Sheet\AS Ditch.dgn



USER NAME = FNeIson	DESIGNED - RG	REVISED -
PLOT SCALE = 20,0000 */ in.	DRAWN - RG	REVISED -
PLOT DATE = 5/2/2022	CHECKED - FBN	REVISED -
	DATE - 05/02/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
NE DITCH**

SCALE: H 1 : V 2 SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
663	HANLEY PARKING 2022	SANGAMON	40	40
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72401	