

ITEM 4A
APRIL 27, 2018 LETTING

CONSTRUCTION PLANS FOR
ABRAHAM LINCOLN
CAPITAL AIRPORT
SPRINGFIELD AIRPORT AUTHORITY
SPRINGFIELD, IL

IL. PROJ. NO: SPI-4635

TERMINAL PARKING LOT RECONFIGURATION &
REHABILITATION, ACCESS ROAD MODIFICATIONS,
& ADA ACCESSIBILITY IMPROVEMENTS

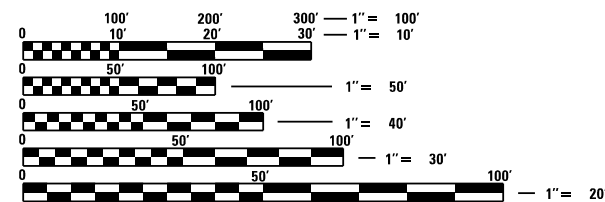
MARCH 23, 2018

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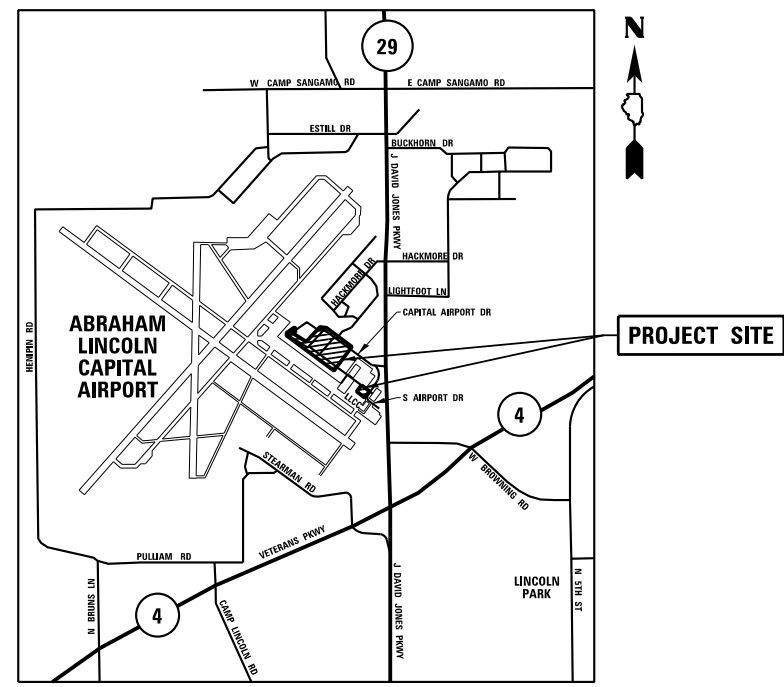
IDOT HIGHWAY STANDARDS

- 000001-06
- 001006
- 280001-07
- 424001-10
- 424016-04
- 602301-04
- 602401-04
- 604001-04
- 604006-05
- 604041-03
- 606301-04
- 664001-02
- 701006-05
- 701301-04
- 701427-05
- 701601-09
- 701606-10
- 701701-10
- 701801-06
- 701901-07
- 720001-01
- 720006-04
- 720011-01
- 780001-05
- 814001-03



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

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



MAP NOT TO SCALE

LOCATION MAP



APPROVED: _____
DATE: _____



SUBMITTED BY: _____
DATE: _____



LICENSE EXP. 11/11/2019

KEA JOB NUMBER: 7486.01

SUMMARY OF QUANTITIES BASE BID: ROADS AND PARKING LOT

SP	ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
	AR106401	LIGHT POLE	EACH	19.0
	AR106900	REMOVE LIGHT POLE	EACH	19.0
	AR106905	REMOVE LIGHT POLE & FIXTURE	EACH	10.0
	AR108082	1/C #2 XLP-USE	LF	60.0
	AR108086	1/C #6 XLP-USE	LF	10,400.0
	AR110200	1-1/4" PVC DUCT, DIRECT BURY	LF	535.0
	AR110201	1" PVC DUCT, DIRECT BURY	LF	1,950.0
	AR110506	6-WAY CONCRETE ENCASED DUCT BANK	LF	935.0
	AR150510	ENGINEER'S FIELD OFFICE	LS	1.0
	AR150520	MOBILIZATION	LS	1.0
	AR150530	TRAFFIC MAINTENANCE	LS	1.0
	AR151420	CLEARING TREES 0-2.5' BUTT. DIA.	EACH	8.0
	AR151429	STUMP REMOVAL 0.0-2.5' FT. DIA.	EACH	8.0
	AR151451	CLEARING AND GRUBBING 0"-6"	ACRE	2.4
	AR152410	UNCLASSIFIED EXCAVATION	CY	4,364.0
	AR156510	SILT FENCE	LF	807.0
	AR156520	INLET PROTECTION	EACH	17.0
	AR209604	CRUSHED AGG. BASE COURSE-4"	SY	916.0
	AR209608	CRUSHED AGG. BASE COURSE-8"	SY	7,298.0
	AR209612	CRUSHED AGG. BASE COURSE-12"	SY	1,287.0
	AR401613	BIT. SURF. CSE.-METHOD I, SUPERPAVE	TON	1,924.0
	AR401650	BITUMINOUS PAVEMENT MILLING	SY	15,131.0
	AR401655	BUTT JOINT CONSTRUCTION	SY	50.0
	AR401900	REMOVE BITUMINOUS PAVEMENT	SY	3,507.0
	AR403613	BIT. BASE CSE.-METHOD I, SUPERPAVE	TON	2,529.0
	AR403621	BIT. BASE CSE., LEVELING SUPERPAVE	TON	163.0
	AR501604	4" PCC SIDEWALK	SF	2,923.0
	AR501690	PCC SIDEWALK REMOVAL	SF	1,152.0
	AR501900	REMOVE PCC PAVEMENT	SY	236.0
	AR602510	BITUMINOUS PRIME COAT	GAL	1,751.0
	AR603510	BITUMINOUS TACK COAT	GAL	2,044.0
	AR620510	PAVEMENT MARKING	SF	4,962.0
	AR620535	PAVEMENT MARKING - THERMOPLASTIC	SF	1,914.0
	AR701312	12" RCP, CLASS II	LF	198.0
	AR701315	15" RCP, CLASS II	LF	27.0
	AR701318	18" RCP, CLASS II	LF	226.0
	AR701900	REMOVE PIPE	LF	25.0

SP	ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
	AR751411	INLET-TYPE A	EACH	5.0
	AR751416	TYPE 1 INLET	EACH	1.0
	AR751540	MANHOLE 4'	EACH	4.0
	AR751900	REMOVE INLET	EACH	1.0
	AR751927	REPLACE FRAME & GRATE	EACH	6.0
	AR751940	ADJUST INLET	EACH	4.0
	AR751943	ADJUST MANHOLE	EACH	2.0
	AR754212	CONCRETE CURB TYPE B	LF	730.0
	AR754410	COMB CONCRETE CURB & GUTTER	LF	4,985.0
	AR754900	REMOVE CONCRETE CURB	LF	2,542.0
	AR754904	REMOVE COMB CURB & GUTTER	LF	1,285.0
	AR801650	CONCRETE PAVERS	SF	2,463.0
	AR801651	BENCH	EACH	4.0
	AR801652	FLAG POLE	EACH	3.0
	AR801653	HANDHOLE, HEAVY DUTY	EACH	3.0
	AR801654	REFURBISH LIGHT POLE	EACH	19.0
	AR801655	LIGHT POLE FOUNDATION	EACH	14.0
	AR801656	LIGHT POLE FOUNDATION (TYPE F7A)	EACH	6.0
	AR801657	LIGHTING CONTROLLER FOUNDATION	EACH	1.0
	AR801658	REMOVE CONCRETE FOUNDATION	EACH	5.0
	AR801659	RELOCATE EXISTING LIGHT POLE	EACH	4.0
	AR801660	REMOVE & REINSTALL SECURITY EQUIP.	EACH	2.0
	AR801661	REMOVE EXISTING LUMINAIRE, SALVAGE	EACH	19.0
	AR801662	PARKING LED LUM, TY V DISTRIBUTION	EACH	8.0
	AR801663	PARKING LED LUM, TY II DISTRIBUTION	EACH	13.0
	AR801664	RDWY LIGHT POLE	EACH	16.0
	AR801665	LUMINAIRE BRACKET	EACH	21.0
	AR801666	RELOCATE LIGHTING CONTROLLER	EACH	1.0
	AR801667	RELOCATE LED LUMINAIRE	EACH	67.0
	AR801668	RDWY LIGHT POLE, W/2 ARMS & LUMINAIR	EACH	1.0
	AR801669	DETECTABLE WARNING SURFACE	SQ YD	40.0
	AR801670	PEDESTRIAN CROSSWALK TABLE	SY	485.0
	AR801671	PCC MEDIAN SURFACE 4"	SF	11,431.0
	AR910201	SIGN PANEL	SF	856.0
	AR901510	SEEDING	ACRE	0.8
	AR908512	MULCHING-METHOD 2	ACRE	0.8
	AR910110	RDWY LIGHT POLE W/FIXTURE	EACH	9.0

SP	ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
	AR910230	HANDICAP SIGN	EACH	6.0
	AR910240	SIGN SUPPORT	EACH	28.0
	AR910250	TELESCOPING SIGN SUPPORT	EACH	99.0
	AR910915	REMOVE ROADWAY SIGN	EACH	29.0
	AR910975	RELOCATE ROADWAY SIGN	EACH	76.0
	AR950110	ROADWAY SIGN, STOP	EACH	10.0

ADDITIVE ALTERNATE NO. 1: LLCC PARKING LOT

SP	ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
	AS152410	UNCLASSIFIED EXCAVATION	CY	22.0
	AS209604	CRUSHED AGG. BASE COURSE-4"	SY	24.0
	AS209608	CRUSHED AGG. BASE COURSE-8"	SY	26.0
	AS401613	BIT SURF CSE-METHOD I, SUPERPAVE	TON	218.0
	AS401622	BITUMINOUS PATCH	SY	3.0
	AS401650	BITUMINOUS PAVEMENT MILLING	SY	2,589.0
	AS401900	REMOVE BITUMINOUS PAVEMENT	SY	12.0
	AS501506	6" PCC PAVEMENT	SY	18.0
	AS501508	8" PCC PAVEMENT	SY	7.0
	AS501900	REMOVE PCC PAVEMENT	SY	6.0
	AS603510	BITUMINOUS TACK COAT	GAL	228.0
	AS620510	PAVEMENT MARKING	SF	644.0
	AS754410	COMBINATION CURB & GUTTER	LF	158.0
	AS754904	REMOVE COMB CURB & GUTTER	LF	34.0
	AS902640	RELOCATE SHRUB	EACH	3.0
	AS910230	HANDICAP SIGN	EACH	1.0
	AS910243	SIGN SUPPORT	EACH	1.0
	AS910975	RELOCATE ROADWAY SIGN	EACH	2.0

KNIGHT

Engineers & Architects

USER NAME = jcowley

DESIGNED

DRAWN

CHECKED

DATE

REVISED -

REVISED -

REVISED -

REVISED -

PLOT DATE = 3/21/2018

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES



TOTAL SHEETS

75

SHEET NO.

2

IL. PROJ. SPI-4635

GENERAL NOTES

- THE "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS", ADOPTED APRIL 1, 2012, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF AERONAUTICS (STANDARD SPECIFICATIONS - DOA) SHALL GOVERN MOST ADMINISTRATIVE AND CONSTRUCTION ACTIVITIES FOR THIS PROJECT UNLESS OTHERWISE NOTED. FOR ALL OTHER ITEMS NOT SPECIFICALLY COVERED BY THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (STANDARD SPECIFICATIONS - DOH) SHALL GOVERN.
- THE IDOT STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS CONTRACT.
- THESE PLANS HAVE BEEN PREPARED USING STANDARD SYMBOLS AS INDICATED IN THESE PLANS AND THEY SHALL TAKE PRECEDENCE OVER THOSE SHOWN ON STANDARD 000001 IF THERE IS A CONFLICT.
- BEFORE ORDERING STORM SEWERS, INLETS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL PROTECT UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, BY CONTACTING THE UTILITY COMPANY DIRECTLY.

IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN SUBMITTING HIS BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCES CAUSED BY THE SAME.

THE INFORMATION AND DATA SHOWN OR INDICATED ON THESE IMPROVEMENT PLANS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AND UTILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES OR BY OTHERS. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE TO THE RESIDENT ENGINEER SO THAT UTILITIES CAN BE GIVEN NOTICE. NO GUARANTEE IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA; AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR:

- REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, VERIFYING IF ANY CONFLICTS EXIST WITH THE PROPOSED WORKED AND UNDERGROUND FACILITIES AND UTILITIES SHOWN OR INDICATED ON THE IMPROVEMENT PLANS
- COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES DURING CONSTRUCTION.
- THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND UTILITIES AND REPAIR ANY DAMAGE THERETO RESULTING FROM THE WORK AT HIS EXPENSE.

COMCAST
701 DIRKSEN PARKWAY
SPRINGFIELD, IL 62703
(217) 788-5659

SPRINGFIELD WATER RECLAMATION DISTRICT
3000 N. 8TH ST.
SPRINGFIELD, IL 62707
(217) 528-0491

CITY, WATER, LIGHT & POWER
ROOM 101
MUNICIPAL CENTER WEST
300 S. 7TH ST.
SPRINGFIELD, IL 62757
(217) 789-2121

AMEREN ILLINOIS COMPANY
217 N. 9TH ST.
SPRINGFIELD, IL 62702
(217) 523-1792

CITY, WATER, LIGHT & POWER
WATER ENGINEERING
401 N. 11TH ST.
SPRINGFIELD, IL 62702
(217) 789-2323

J.U.L.I.E. 1-800-892-0123

- ALL UTILITIES TO BE RELOCATED BY OTHERS. REFER TO "UTILITY RELOCATION INFORMATION" TABLE THIS SHEET.
- FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- ALL AREAS DISTURBED WITHIN OR BEYOND THE CONSTRUCTION LIMITS FOR ANY REASON SHALL BE SEEDED WITH CLASS 2 SEEDING, AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04. FINAL SEEDING SHALL BE PERFORMED AS SOON AS POSSIBLE.
- MULCH, AS APPLIED TO FINAL SEEDING (CLASS 2), SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS. MULCH UNLESS OTHERWISE PERMITTED BY THE ENGINEER, SHALL CONFORM TO METHOD 2 AS SPECIFIED IN ARTICLE 251.03 (b).
- THE CONTRACTOR SHALL UTILIZE THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR EROSION CONTROL MEASURES AND BE RESPONSIBLE FOR FOLLOWING THE REQUIREMENTS OF AN NPDES STORM WATER PERMIT FOR CONSTRUCTION ACTIVITY FOR THIS PROJECT.
- ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATE BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE A COPY OF THE MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

GENERAL NOTES (CONT.)

- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS/HER OPERATIONS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS CONTROL AT ALL TIMES DURING CONSTRUCTION.
- ALL SIGNS AND DELINEATORS CONFLICTING WITH TRAFFIC CONTROL OR CONSTRUCTION SHALL BE REMOVED AND REPLACED BY THE CONTRACTORS. THIS WORK WILL BE INCLUDED WITH THE COST FOR TRAFFIC CONTROL ON THE PROJECT. IN ADDITION, THE COST TO RELOCATE SIGNS DESIGNATED ON THE PLAN SHEETS WILL ALSO BE INCIDENTAL TO THE TRAFFIC CONTROL FOR THOSE AREAS.
- NOTIFY CITY 48 HOURS IN ADVANCE OF SIGNS TO BE REMOVED THAT ARE IN CONFLICT WITH CONSTRUCTION. THE CONTRACTOR SHALL NOT REMOVE ANY SIGNS UNLESS INSTRUCTED TO DO SO BY THE CITY'S RESIDENT ENGINEER.
- THE THICKNESS OF HMA MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OF BASE ON WHICH THE HMA MIXTURE IS PLACED.
- THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

RATES OF APPLICATION TABLE	
SEEDING AREA	
NITROGEN FERTILIZER NUTRIENT	135 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	45 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
AGGRICULTURAL GROUND LIMESTONE	2 TON/ACRE
MULCH	2 TON/ACRE
AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ YD
AGGREGATE (PRIME COAT)	0.002 TON/SQ YD

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USE(S):	BITUMINOUS SURFACE COURSE, METHOD 1, SUPERPAVE - 1 1/2"	BITUMINOUS BASE COURSE, METHOD 1, SUPERPAVE - 4 1/2" OR 8"	BITUMINOUS BASE COURSE, LEVELING, SUPERPAVE - VAR. DEPTH
PG:	SBS PG 64-28	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:	MIX C	N/A	N/A
QUALITY MANAGEMENT:	QC/QA	QC/QA	QC/QA



USER NAME = jcowley	DESIGNED JSA	REVISED -
	DRAWN MAL	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE 08/23/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

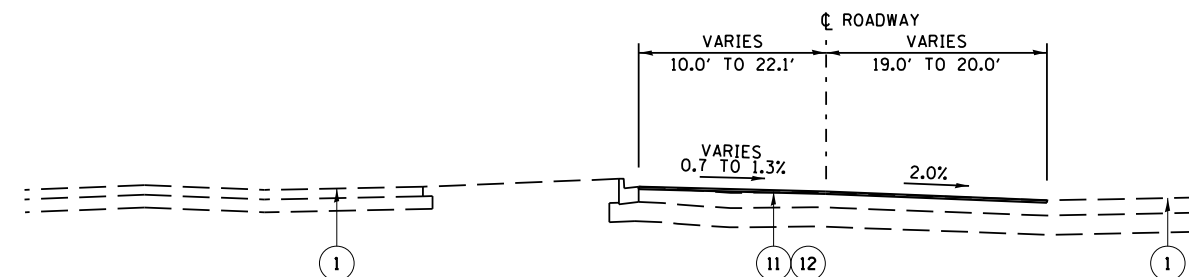
GENERAL NOTES



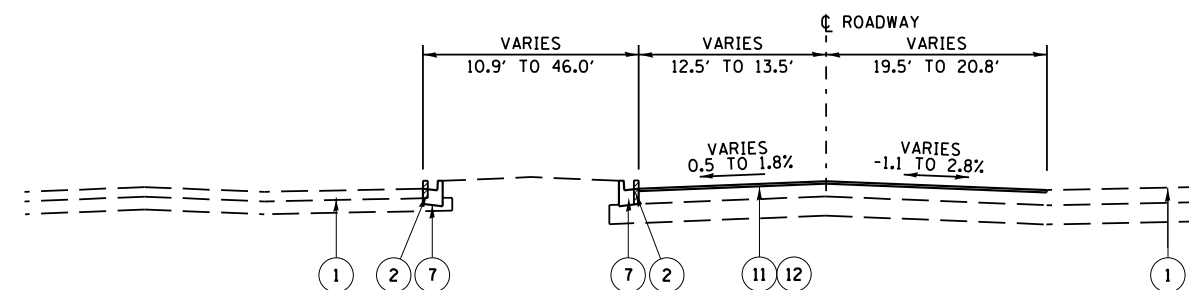
TOTAL SHEETS	SHEET NO.
75	5
IL. PROJ. SPI-4635	

LEGEND

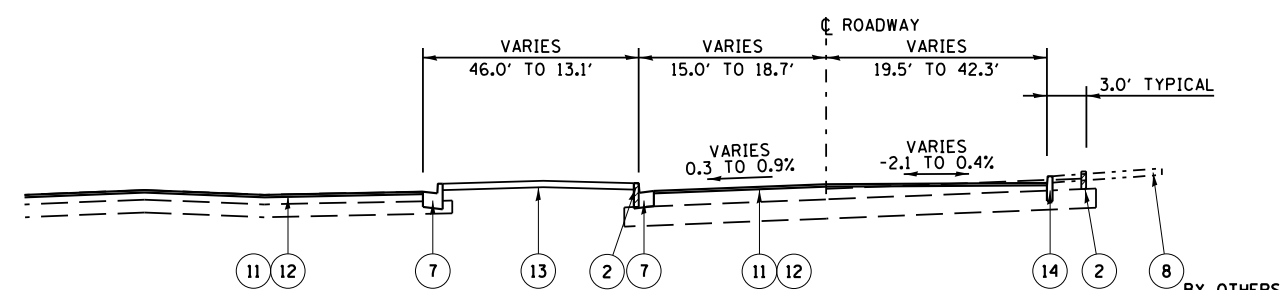
- ① EXISTING BITUMINOUS BINDER & SURFACE
- ② EXISTING CONCRETE CURB TO BE REMOVED
- ③ PROPOSED BITUMINOUS BASE COURSE-METHOD I, SUPERPAVE 8"
- ④ PROPOSED BITUMINOUS BASE COURSE-METHOD I, SUPERPAVE 4 1/2"
- ⑤ PROPOSED CRUSHED AGG. BASE COURSE 8"
- ⑥ PROPOSED CRUSHED AGG. BASE COURSE 12"
- ⑦ PROPOSED COMBINATION CONCRETE CURB AND GUTTER (TYPE B-6.18)
- ⑧ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- ⑨ PROPOSED PCC MEDIAN SURFACE, 4"
- ⑩ PROPOSED PAVEMENT REMOVAL
- ⑪ PROPOSED BITUMINOUS SURFACE COURSE-METHOD I SUPERPAVE 1 1/2"
- ⑫ PROPOSED BITUMINOUS PAVEMENT MILLING, VARIABLE DEPTH 1 1/2" MAX.
- ⑬ PROPOSED MEDIAN SURFACE-PAVERS
- ⑭ PROPOSED CONCRETE CURB TYPE B
- ⑮ PROPOSED TOPSOIL FURNISH AND PLACE, 6"
- ⑯ NEW PARKING LOT AREAS CONSISTS OF CRUSHED AGGREGATE BASE COURSE 8" & HOT-MIX ASPHALT PAVEMENT FULL DEPTH, 6"



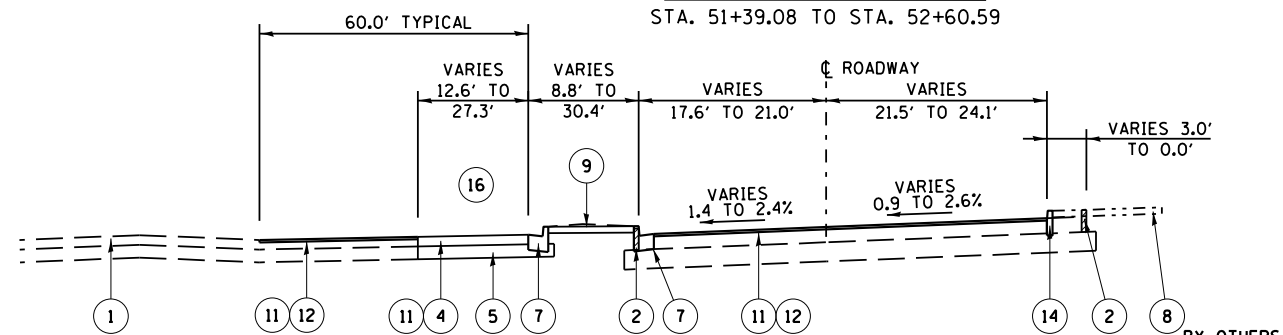
CAPITAL AIRPORT DRIVE
STA. 49+45.95 TO STA. 50+03.28



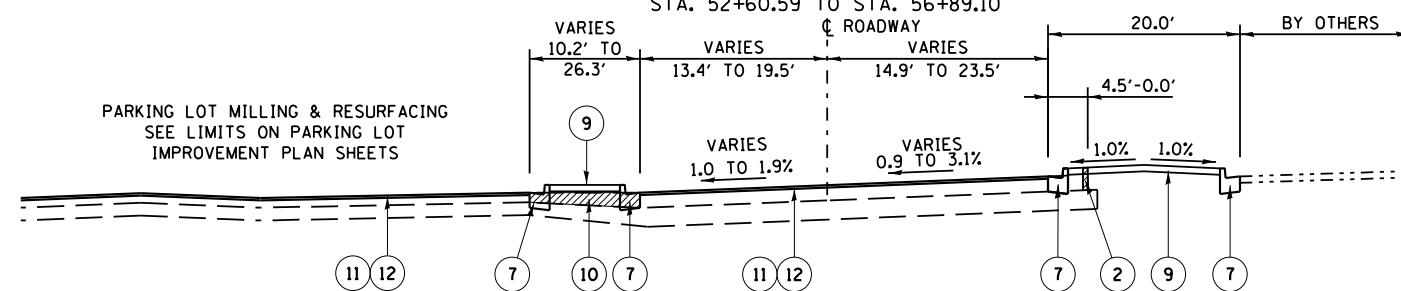
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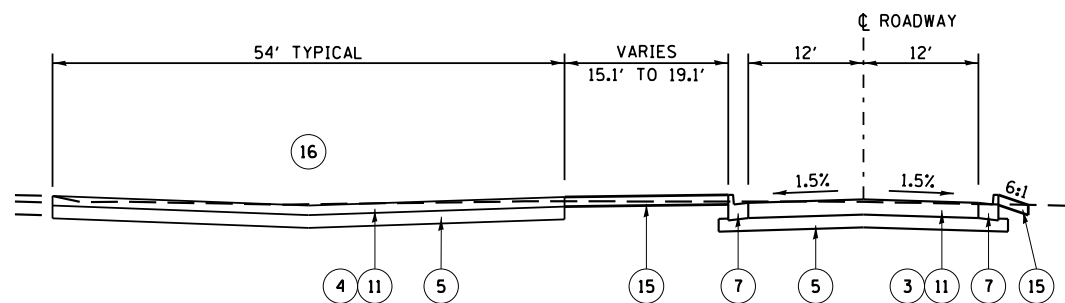
CAPITAL AIRPORT DRIVE
STA. 51+39.08 TO STA. 52+60.59



CAPITAL AIRPORT DRIVE
STA. 52+60.59 TO STA. 56+89.10



CAPITAL AIRPORT DRIVE
STA. 56+89.10 TO STA. 58+65.07

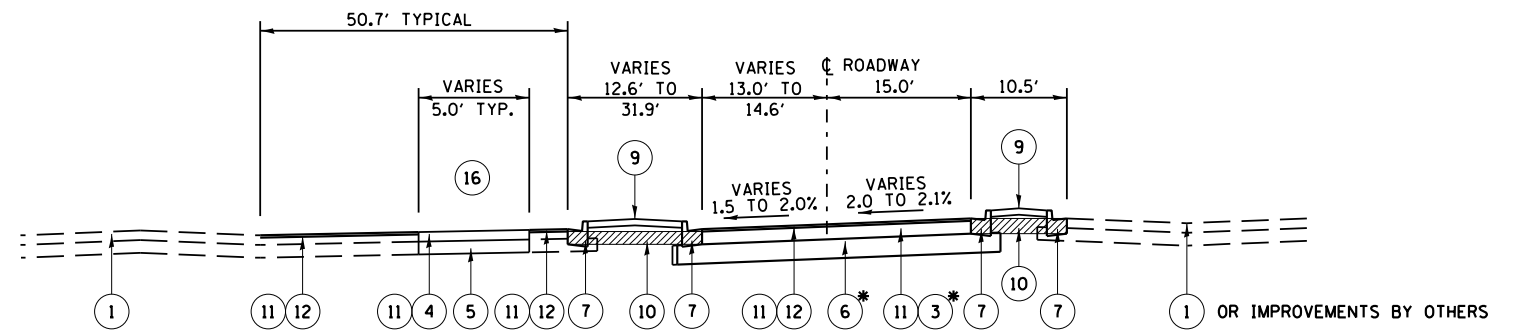


PROPOSED FBO ACCESS ROAD
STA. 110+32.00 TO STA. 114+77.84

	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -				75	6
		CHECKED	REVISED -				IL. PROJ. SPI-4635	
		DATE	REVISED -					
	PLOT DATE = 3/16/2018							

LEGEND

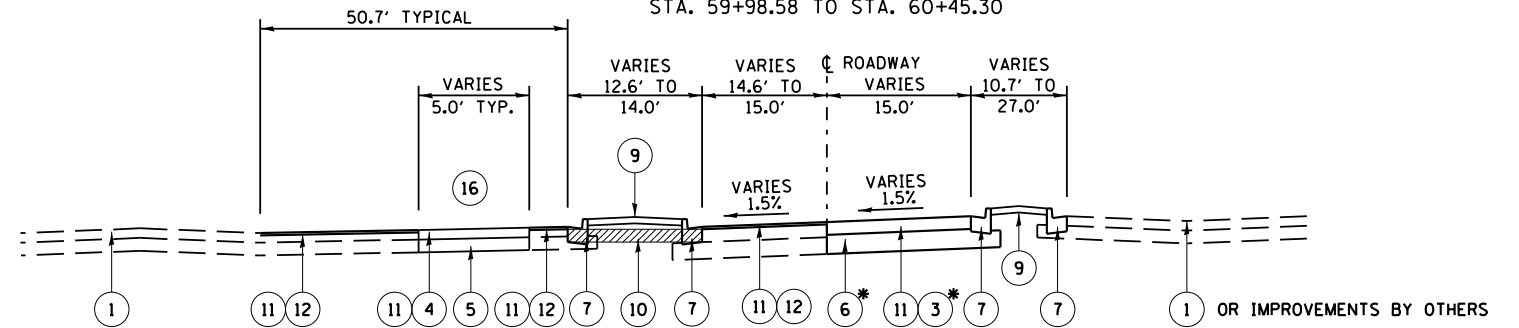
- ① EXISTING BITUMINOUS BINDER & SURFACE
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- ③ PROPOSED BITUMINOUS BASE COURSE-METHOD I, SUPERPAVE 8"
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- ⑤ PROPOSED CRUSHED AGG. BASE COURSE 8"
- ⑥ PROPOSED CRUSHED AGG. BASE COURSE 12"
- ⑦ PROPOSED COMBINATION CONCRETE CURB AND GUTTER (TYPE B-6.18)
- ⑧ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4"
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- ⑬ PROPOSED MEDIAN SURFACE-PAVERS
- ⑭ PROPOSED CONCRETE CURB TYPE B
- ⑮ PROPOSED TOPSOIL FURNISH AND PLACE, 6"
- ⑯ NEW PARKING LOT AREAS CONSISTS OF CRUSHED AGGREGATE BASE COURSE 8" & HOT-MIX ASPHALT PAVEMENT FULL DEPTH, 6"



* LIMITS AND WIDTHS OF FULL DEPTH PAVEMENT AS SHOWN ON PLAN SHEETS.

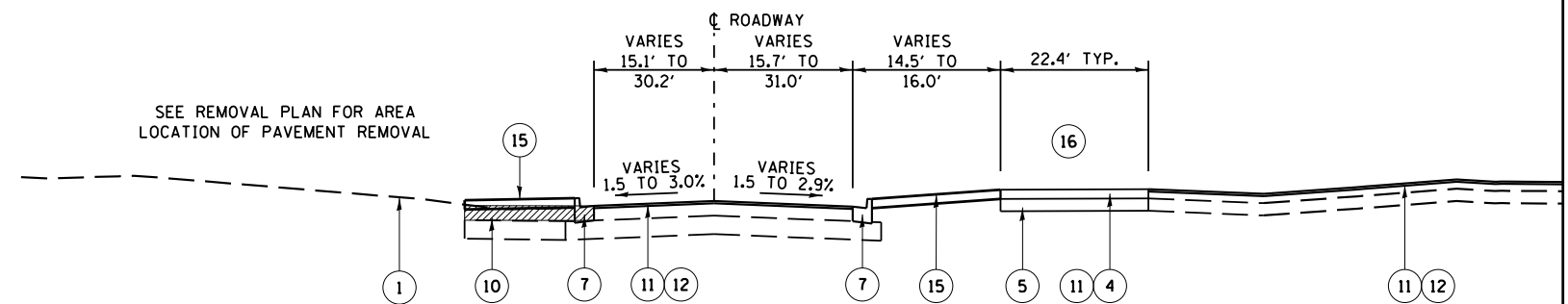
CAPITAL AIRPORT DRIVE

STA. 59+98.58 TO STA. 60+45.30



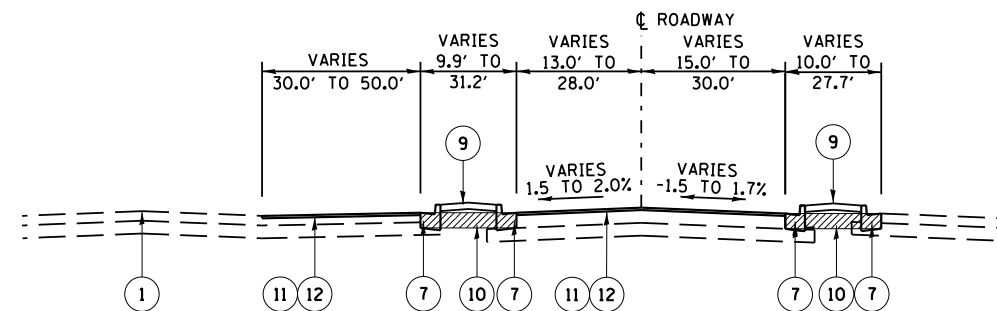
CAPITAL AIRPORT DRIVE

STA. 60+77.13 TO STA. 61+25.00



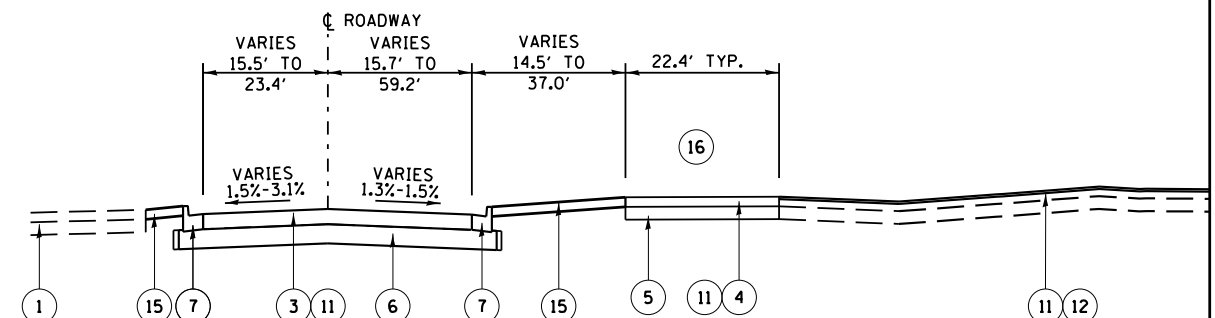
CAPITAL AIRPORT DRIVE

STA. 61+25.00 TO STA. 64+05.06



CAPITAL AIRPORT DRIVE

STA. 58+65.07 TO STA. 59+98.58
STA. 60+45.30 TO STA. 60+77.13



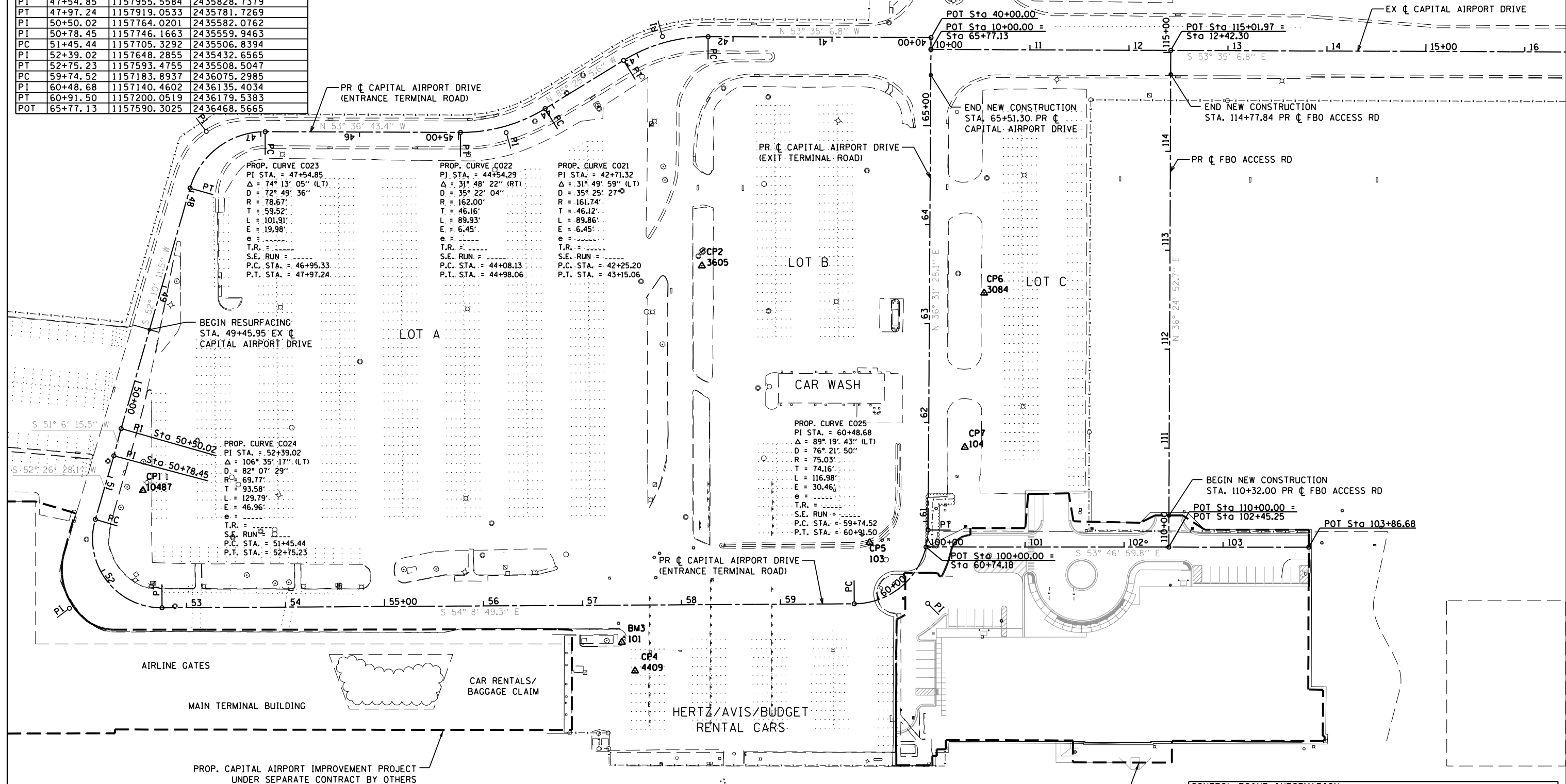
CAPITAL AIRPORT DRIVE

STA. 64+05.06 TO STA. 65+51.30

	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -				75	7
		CHECKED	REVISED -				IL. PROJ. SPI-4635	
		DATE	REVISED -					
	PLOT DATE = 3/16/2018							

ALIGNMENT COORDINATES PR C CAPITAL AIRPORT DRIVE			
STATION	N	E	
POT 40+00.00	1157599.9679	2436475.7171	
PC 42+25.20	1157733.6508	2436294.4918	
PI 42+71.32	1157761.0313	2436257.3739	
PT 43+15.06	1157764.7157	2436211.3974	
PC 44+08.13	1157772.1506	2436118.6214	
PI 44+54.29	1157775.8376	2436072.6125	
PT 44+98.06	1157803.2199	2436035.4558	
PC 46+95.33	1157920.2480	2435876.6528	
PI 47+54.85	1157955.5584	2435828.7379	
PT 47+97.24	1157919.0533	2435781.7269	
PI 50+50.02	1157764.0201	2435582.0762	
PI 50+78.45	1157746.1663	2435559.9463	
PC 51+45.44	1157705.3292	2435506.8394	
PI 52+39.02	1157648.2855	2435432.6565	
PT 52+75.23	1157593.4755	2435508.5047	
PC 59+74.52	1157183.8937	2436075.2985	
PI 60+48.68	1157140.4602	2436135.4034	
PT 60+91.50	1157200.0519	2436179.5383	
POT 65+77.13	1157590.3025	2436468.5665	

ALIGNMENT COORDINATES PR C FBO ACCESS RD			
STATION	N	E	
POT 110+00.00	1157042.536	2436365.58	
POT 115+01.97	1157446.491	2436663.561	



CONTROL POINT INFORMATION				
DESCRIPTION	N	E	ELEV.	
CP1	MANHOLE TOP	1157700.5520	2435543.7810	588.616
CP2	IRON ROD IN GROUND	1157550.4640	2436152.7030	586.880
BM3	CUT CROSS IN CONCRETE	1157291.1280	2435862.8150	588.640
CP4	PK NAIL IN HMA	1157259.8720	2435856.5270	587.856
CP5	CUT CROSS IN CONCRETE	1157224.7950	2436124.4130	587.178
CP6	PK NAIL IN HMA	1157359.9680	2436366.6680	585.624
CP7	IRON ROD IN GROUND	1157245.5560	2436258.7510	586.136



KNIGHT
Engineers & Architects

USER NAME = jcowley	DESIGNED	REVISED -
	DRAWN	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

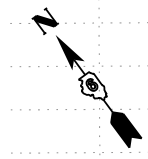
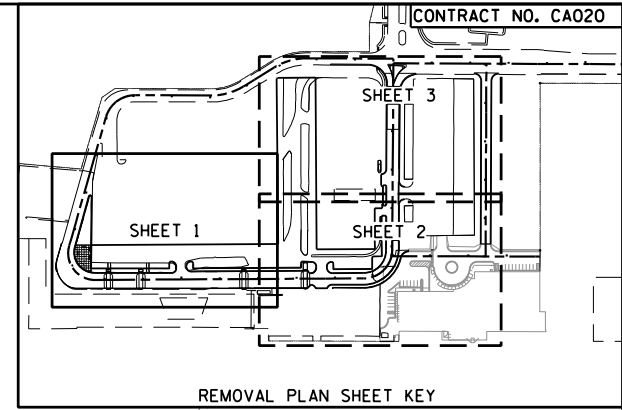
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, & BENCHMARKS



TOTAL SHEETS	SHEET NO.
75	8
IL. PROJ. SPI-4635	

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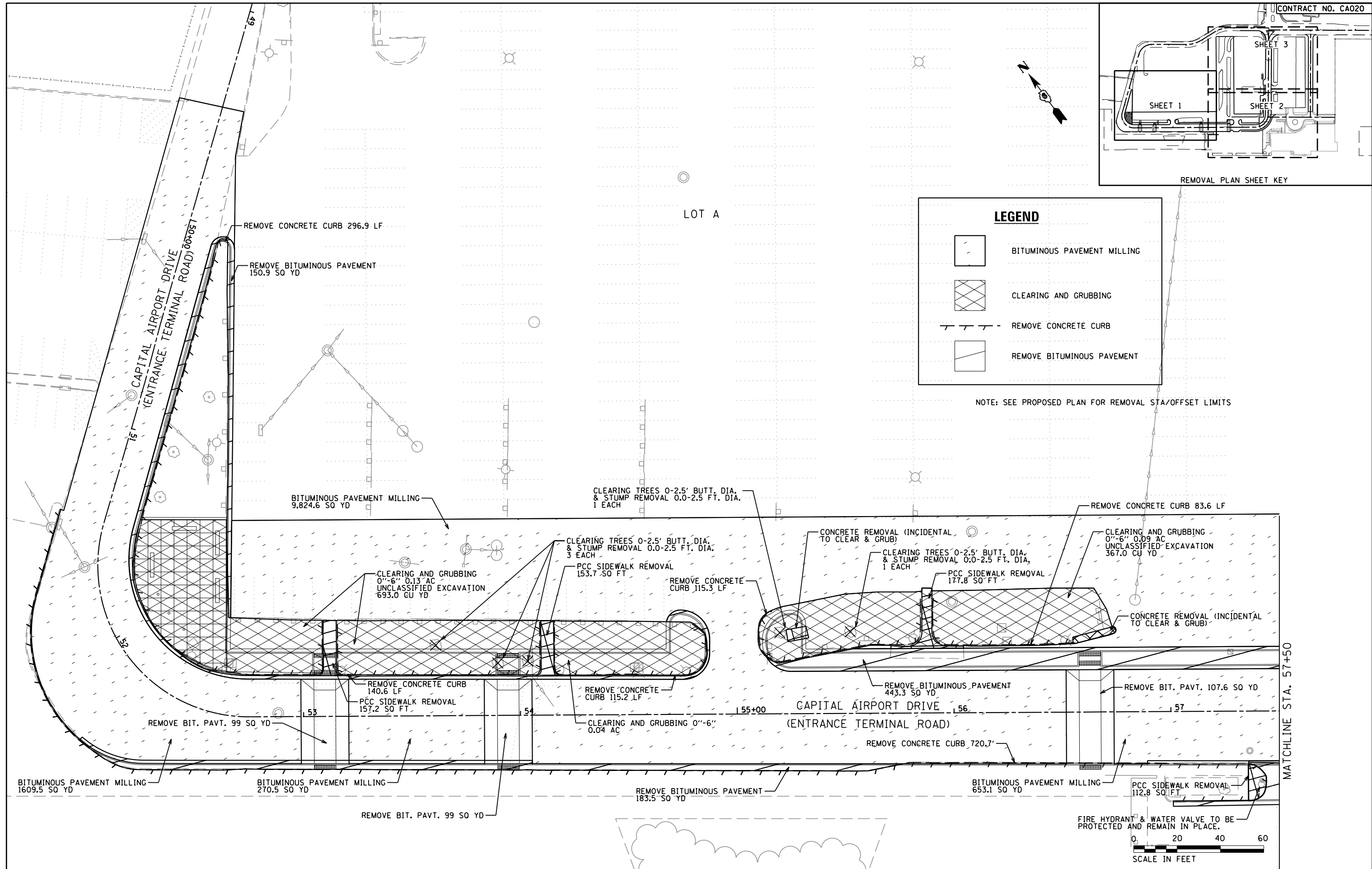


LEGEND

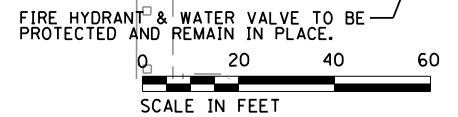
- BITUMINOUS PAVEMENT MILLING
- CLEARING AND GRUBBING
- REMOVE CONCRETE CURB
- REMOVE BITUMINOUS PAVEMENT

NOTE: SEE PROPOSED PLAN FOR REMOVAL STA/OFFSET LIMITS

LOT A



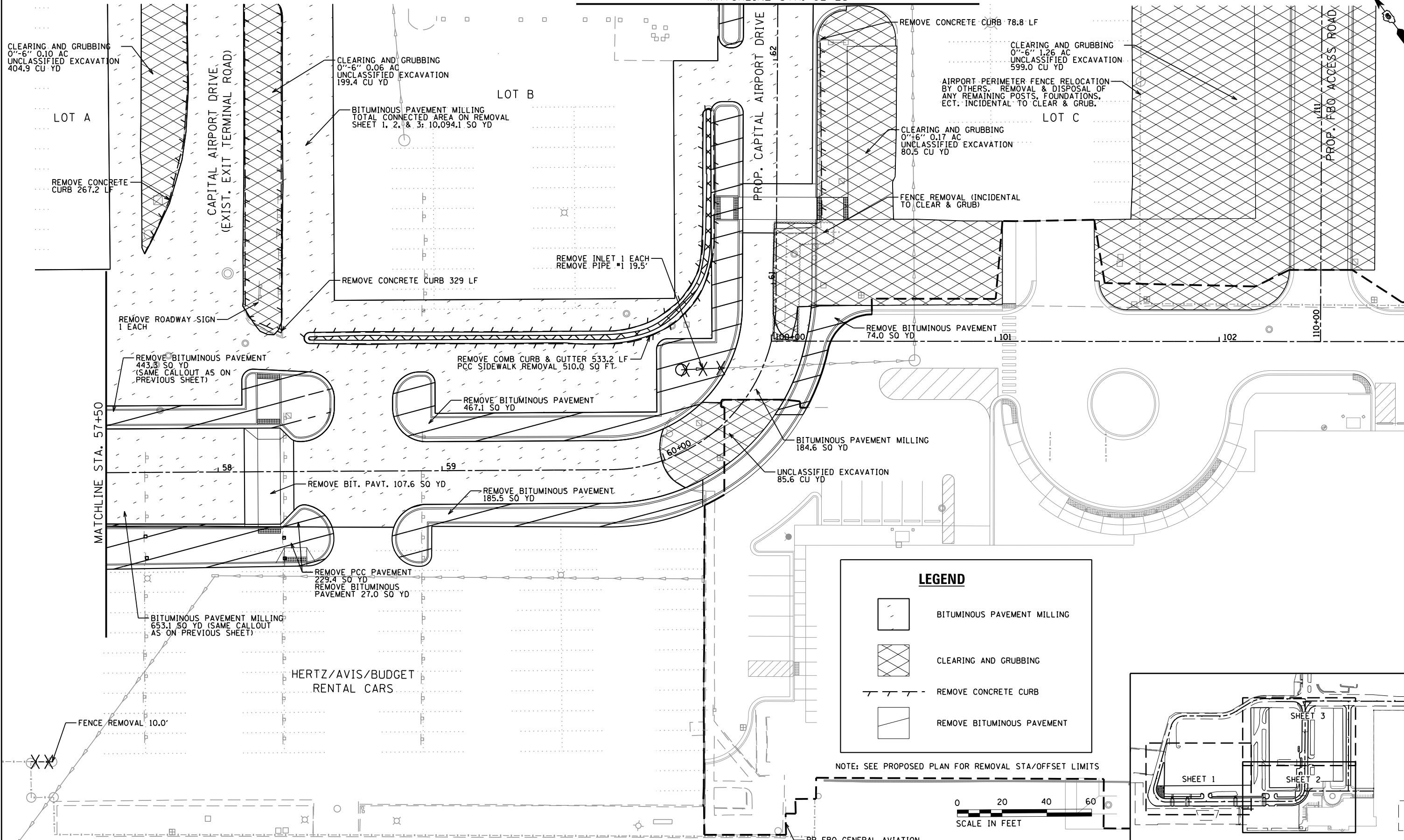
MATCHLINE STA. 57+50







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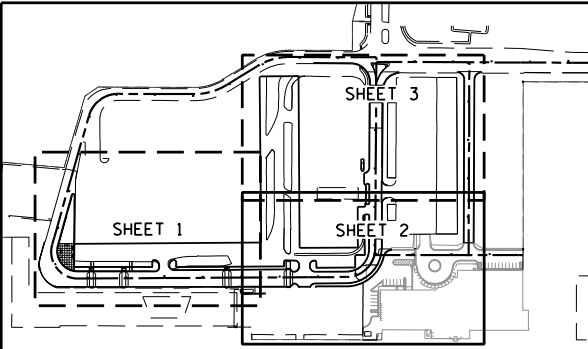
MATCHLINE STA. 62+25



LEGEND

-  BITUMINOUS PAVEMENT MILLING
-  CLEARING AND GRUBBING
-  REMOVE CONCRETE CURB
-  REMOVE BITUMINOUS PAVEMENT

NOTE: SEE PROPOSED PLAN FOR REMOVAL STA/OFFSET LIMITS



KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -
	PLOT DATE = 3/16/2018	DRAWN	REVISED -
		CHECKED	REVISED -
		DATE	REVISED -

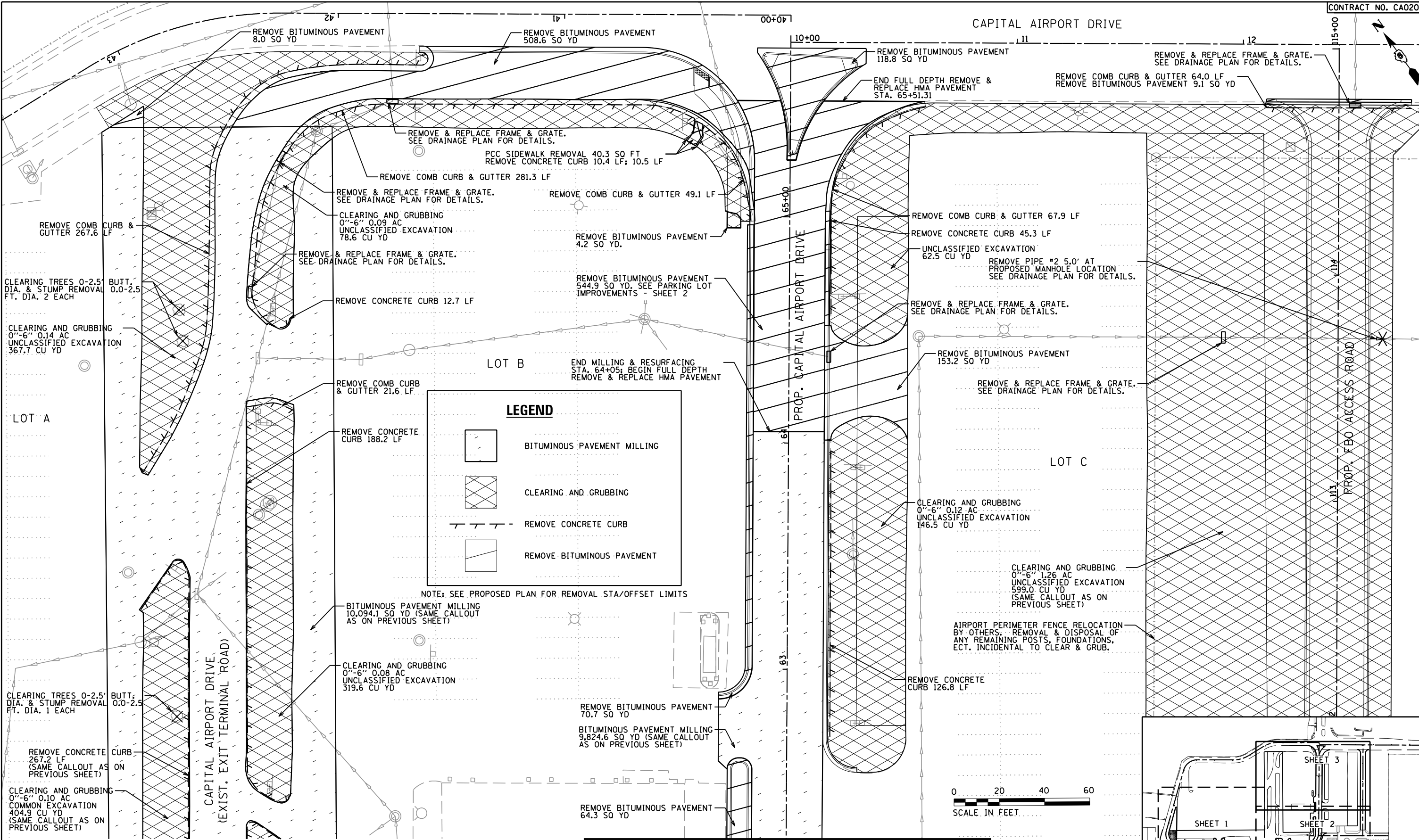
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
SHEET 2







REMOVAL PLAN SHEET KEY

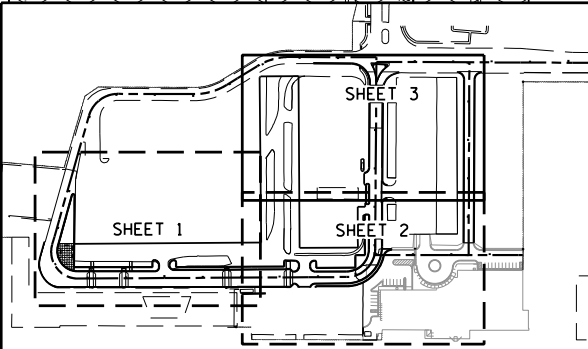
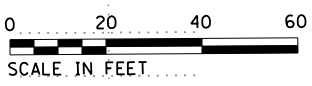
TOTAL SHEETS	SHEET NO.
75	10
IL. PROJ. SPI-4635	



LEGEND

-  BITUMINOUS PAVEMENT MILLING
-  CLEARING AND GRUBBING
-  REMOVE CONCRETE CURB
-  REMOVE BITUMINOUS PAVEMENT

NOTE: SEE PROPOSED PLAN FOR REMOVAL STA/OFFSET LIMITS



KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -
		DRAWN	REVISED -
		CHECKED	REVISED -
	PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
SHEET 3



REMOVAL PLAN SHEET KEY

TOTAL SHEETS	SHEET NO.
75	11
IL. PROJ. SPI-4635	

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UNIVERSITY OF ILLINOIS
EXTENSION BUILDING

HANGAR

S AIRPORT DRIVE

REMOVE COMBINATION CURB AND GUTTER 34.0 LF
6.1 SQ YD REMOVE PCC PAVEMENT

CONCRETE GUTTER AND CURB & GUTTER TO REMAIN.

CONSTRUCTION LIMITS

11.5 SQ YD REMOVE BITUMINOUS PAVEMENT
38.2' BITUMINOUS PAVEMENT SAWING

CONCRETE SURFACE TO REMAIN

LINCOLN LAND COMMUNITY COLLEGE
PARKING LOT

2589.1 SQ YD, 1.5" BITUMINOUS PAVEMENT MILLING

AIRPORT BUILDING

S AIRPORT DRIVE

MILLING LIMITS AT LIMITS OF OLD HMA

CONCRETE SIDEWALK TO REMAIN

NEW HMA TO REMAIN

SALVAGE AND REPLANT 3 EACH THESE SHRUBS TO BE SALVAGED THEN REPLANTED AFTER GRADING WORK HAS BEEN COMPLETED.

CONCRETE SIDEWALK TO REMAIN

LLCC MAIN BUILDING

HANGAR



KNIGHT
Engineers & Architects

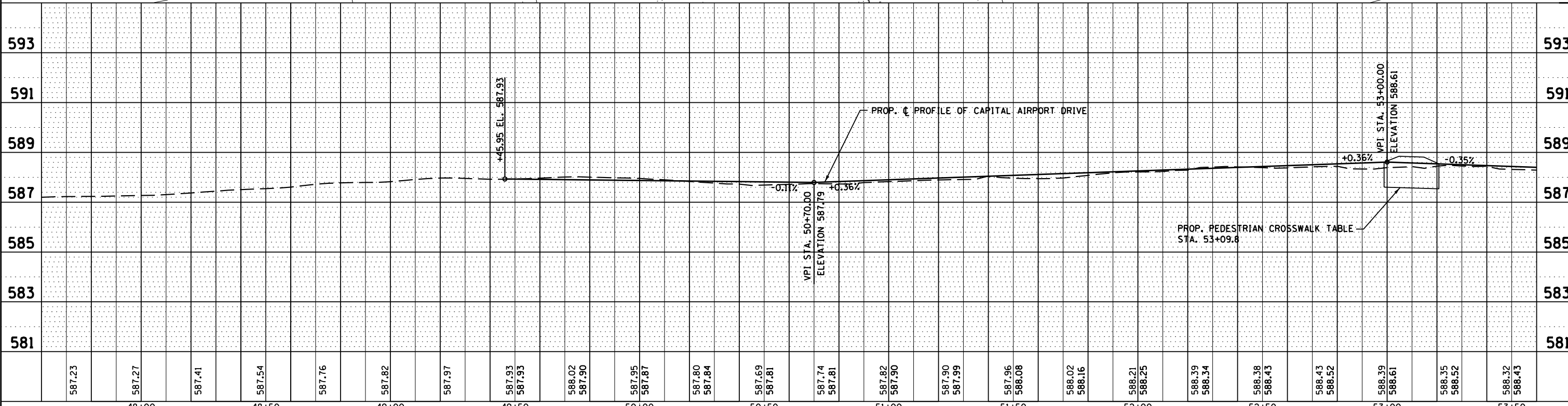
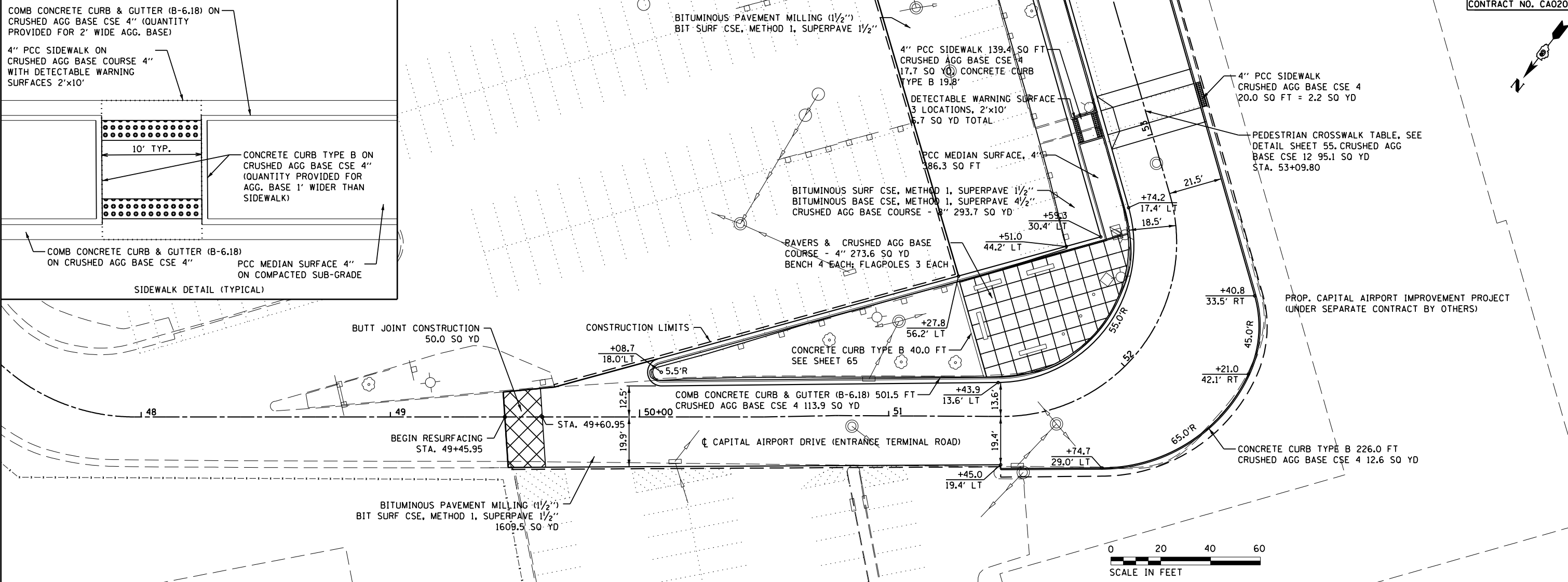
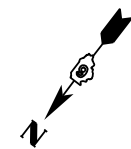
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	DRAWN MAL	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN - SHEET 4
ALTERNATE 1 - LLCC PARKING LOT



TOTAL SHEETS	SHEET NO.
75	12
IL. PROJ. SPI-4635	



PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	FILED	
	NO.	

587.23	587.27	587.41	587.54	587.76	587.82	587.97	587.93	587.93	588.02	587.90	587.95	587.87	587.80	587.84	587.69	587.81	587.74	587.81	587.82	587.90	587.90	587.99	587.96	588.08	588.02	588.16	588.21	588.25	588.39	588.34	588.38	588.43	588.43	588.52	588.39	588.61	588.35	588.52	588.32	588.43
48+00		48+50		49+00		49+50		50+00		50+50		51+00		51+50		52+00		52+50		53+00		53+50		TOTAL SHEETS		SHEET NO.														
USER NAME = jcowley																						75		13																
DESIGNED																						IL. PROJ. SPI-4635																		
DRAWN																																								
CHECKED																																								
DATE																																								
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DESIGNED -
DRAWN -
CHECKED -
DATE -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

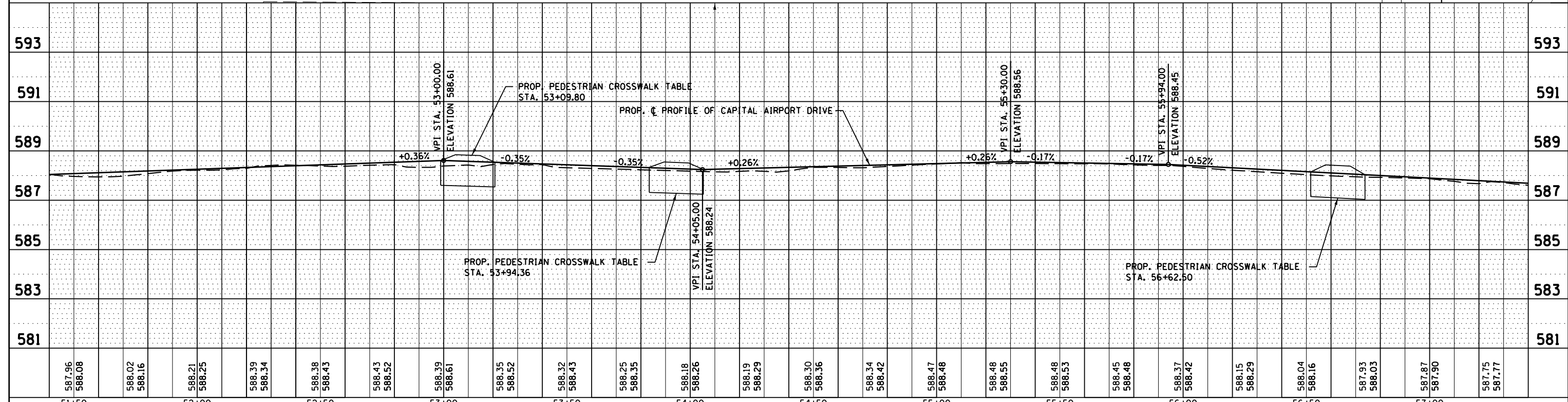
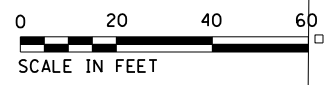
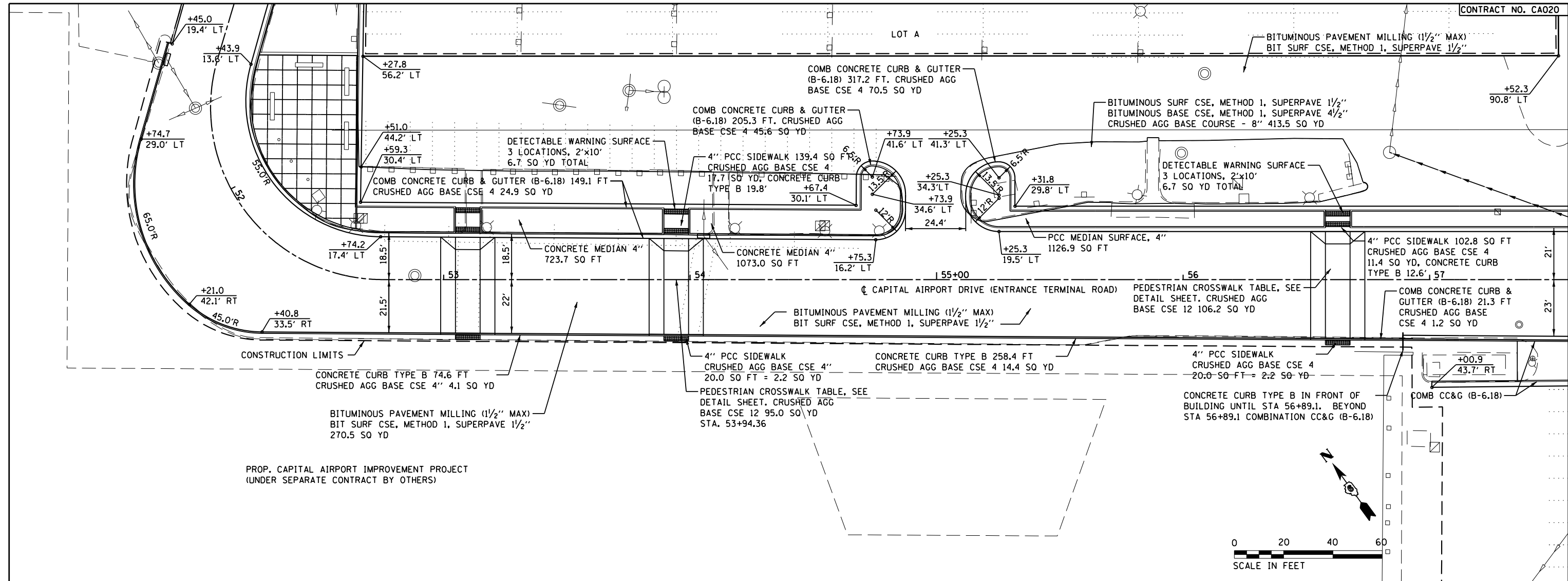
PLAN AND PROFILE
CAPITAL AIRPORT DRIVE



TOTAL SHEETS: 75
SHEET NO.: 13
IL. PROJ. SPI-4635

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	CHECKED	
	BY	
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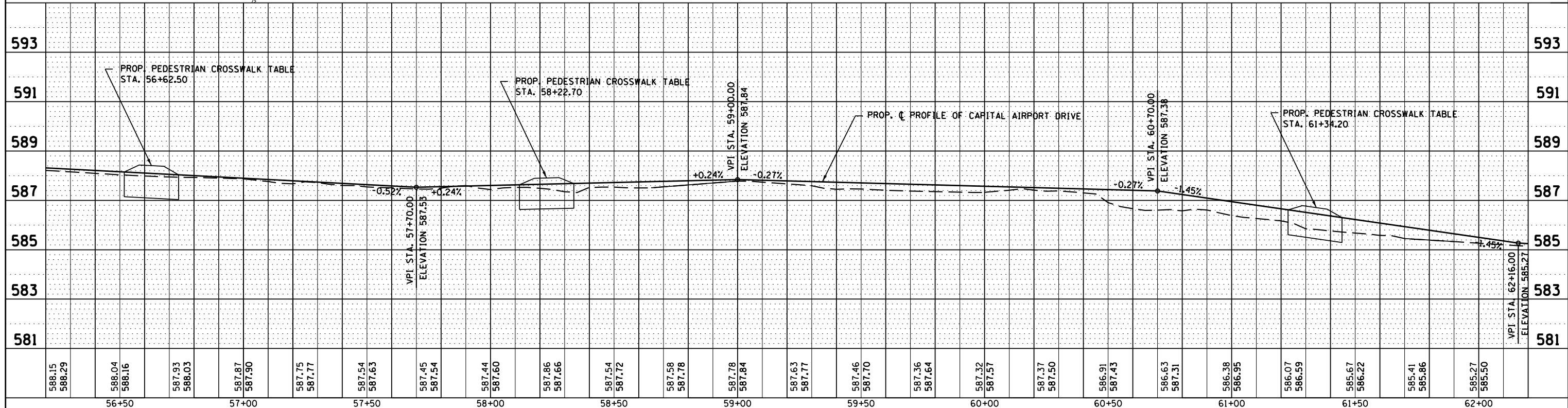
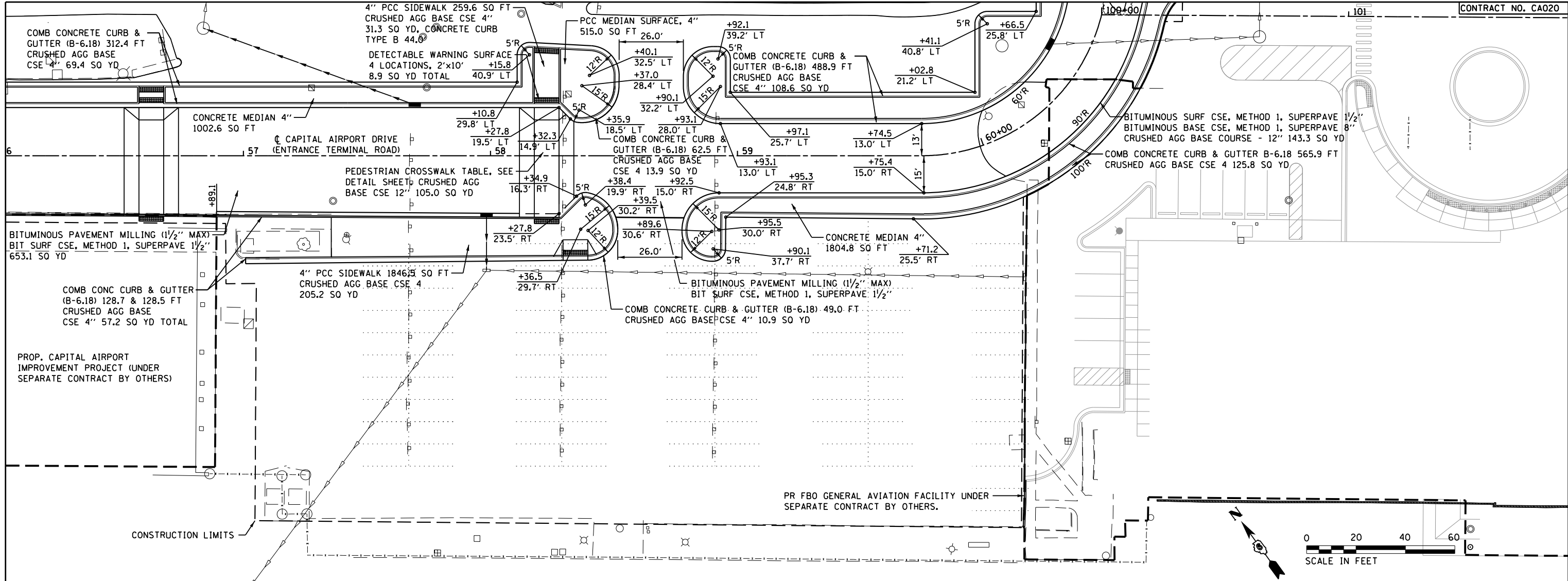


KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE CAPITAL AIRPORT DRIVE	ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD AIRPORT AUTHORITY	TOTAL SHEETS	SHEET NO.
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		CHECKED	REVISED -				IL. PROJ. SPI-4635	
		DATE	REVISED -					
PLOT DATE = 3/16/2018								

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PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



KNIGHT
Engineers & Architects

USER NAME = jcowley	DESIGNED	REVISED -
	DRAWN	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

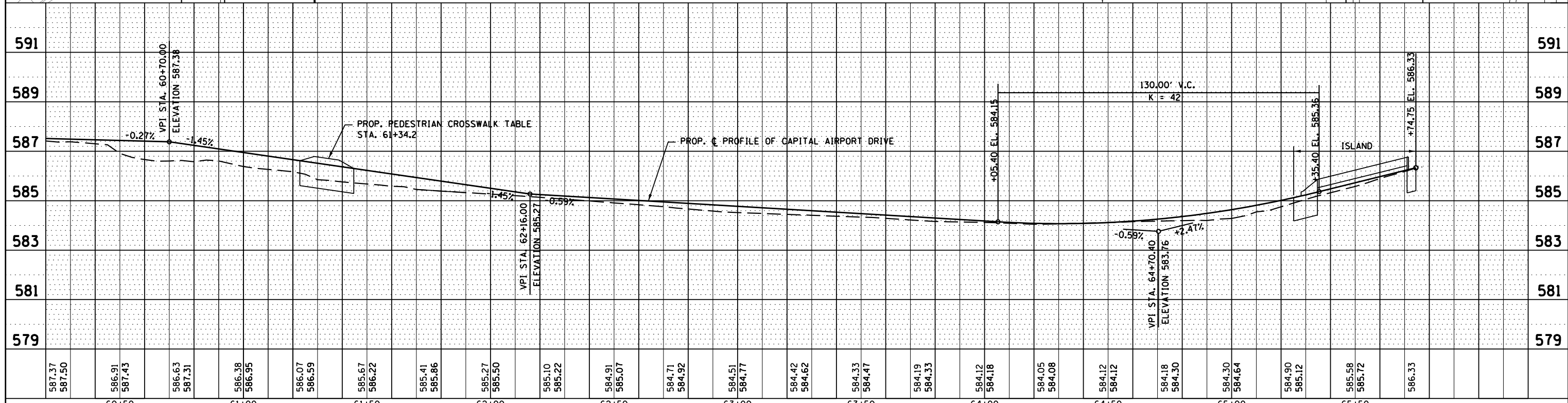
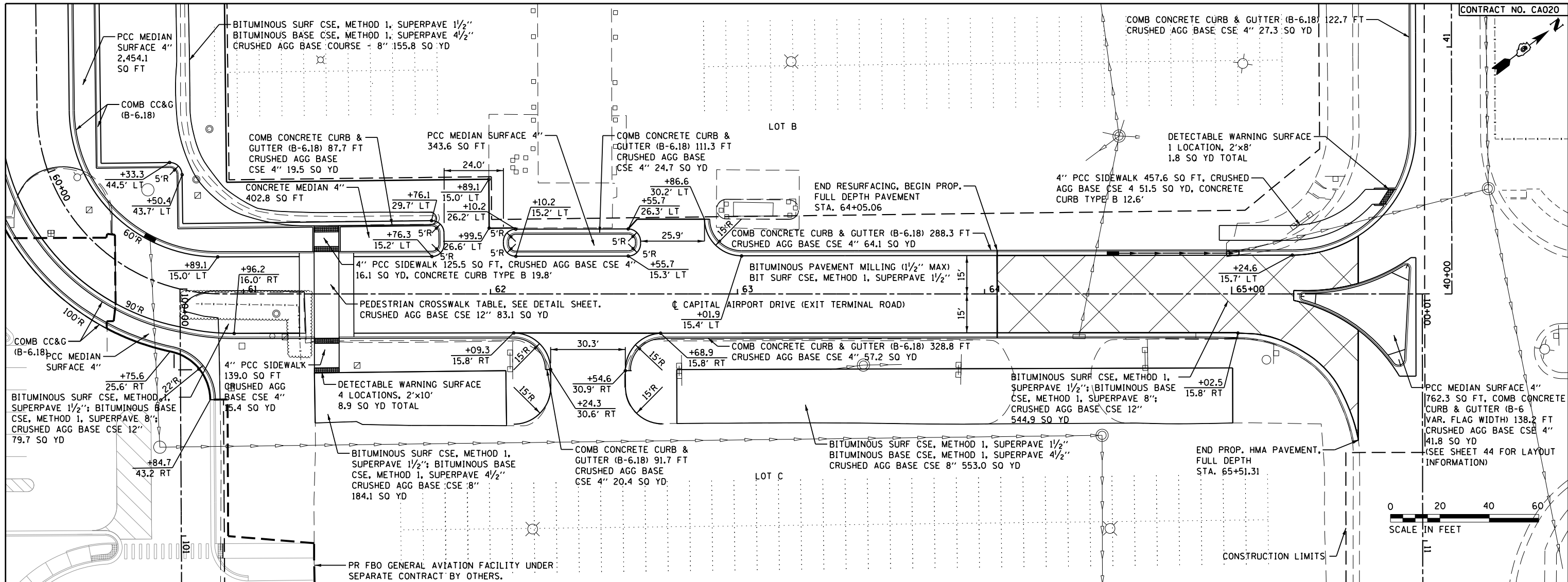
PLAN AND PROFILE
CAPITAL AIRPORT DRIVE



TOTAL SHEETS	SHEET NO.
75	15
IL. PROJ. SPI-4635	

DATE	BY
DATE	BY
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KNIGHT Engineers & Architects		USER NAME = jcwiley DESIGNED DRAWN CHECKED PLOT DATE = 3/16/2018 DATE	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE CAPITAL AIRPORT DRIVE	 ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD AIRPORT AUTHORITY	TOTAL SHEETS 75 SHEET NO. 16 IL. PROJ. SPI-4635
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FILE NAME = T:\7486.01\CA020\Sheets\Civil\09 Street Plan Profile\7486.01-sht-PlanProfile.CapitalAirportDr.-C02-4.dgn

LOT C

BITUMINOUS SURF CSE, METHOD 1, SUPERPAVE 1 1/2"
 BITUMINOUS BASE CSE, METHOD 1, SUPERPAVE 4 1/2"
 CRUSHED AGG BASE COURSE - 8" 2413.4 SQ YD
 UNCLASSIFIED EXCAVATION

INLET TY A. SEE PROPOSED
 DRAINAGE SHEETS 31-34
 FOR ADDITIONAL DETAIL.

EXISTING DRAINAGE STRUCTURE
 TO BE MODIFIED. SEE PROPOSED
 DRAINAGE SHEETS 31-34 FOR
 ADDITIONAL DETAIL (TYPICAL).

END PROP. PAVEMENT
 STA. 114+77.84

COMB CONCRETE CURB & GUTTER (B-6.18) 454.4 FT
 CRUSHED AGG BASE CSE 4" 101.0 SQ YD

MH TY A (TYP.) SEE PROPOSED
 DRAINAGE SHEETS 31-34
 FOR ADDITIONAL DETAIL.

PROP. FBO ACCESS ROAD

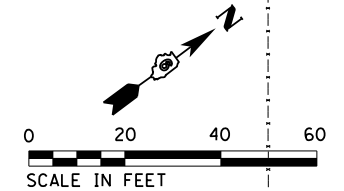
COMB CONCRETE CURB & GUTTER (B-6.18) 452.0 FT
 CRUSHED AGG BASE CSE 4" 100.4 SQ YD

BITUMINOUS SURF CSE, METHOD 1, SUPERPAVE 1 1/2"
 BITUMINOUS BASE CSE, METHOD 1, SUPERPAVE 8"
 CRUSHED AGG BASE COURSE - 8" 1420.3 SQ YD
 UNCLASSIFIED EXCAVATION

20' R (TYP.)

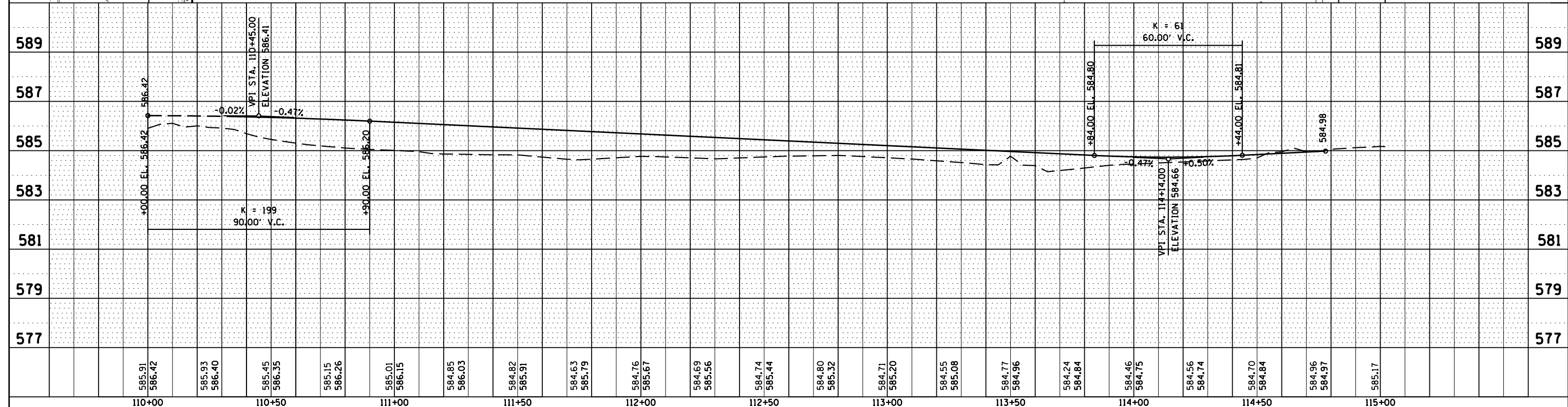
BEGIN PROP. PAVEMENT
 STA. 110+32.00

PR FBO GENERAL AVIATION FACILITY (UNDER
 SEPARATE CONTRACT BY OTHERS)



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE		
	NOTATIS CHFD		
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KNIGHT
 Engineers & Architects

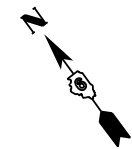
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PLOT DATE = 3/16/2018		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
 FBO ACCESS ROAD

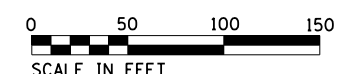
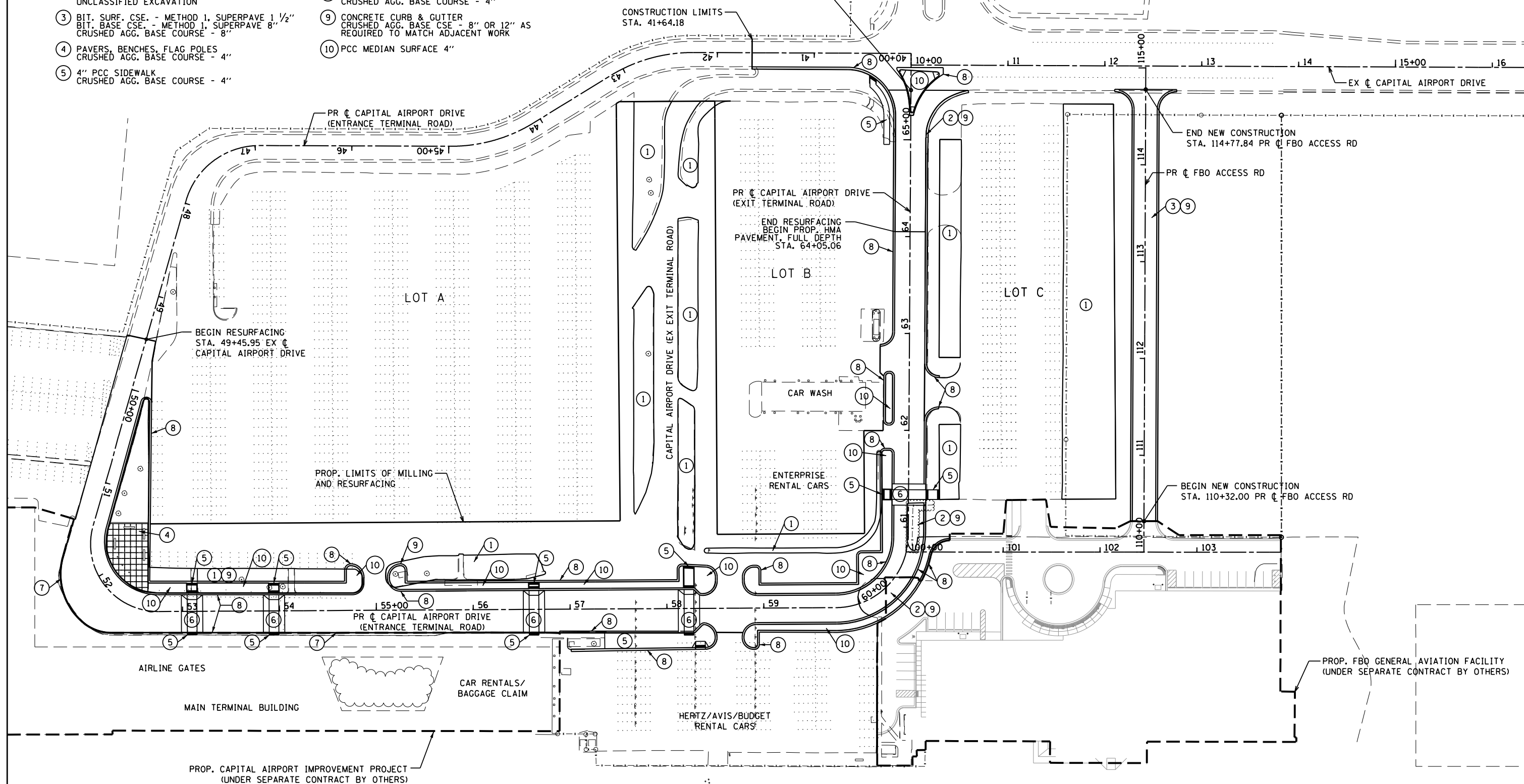


TOTAL SHEETS	SHEET NO.
75	17
IL. PROJ. SPI-4635	

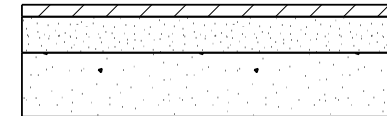


- ① BIT. SURF. CSE. - METHOD 1, SUPERPAVE 1 1/2"
BIT. BASE CSE. - METHOD 1, SUPERPAVE 4 1/2"
CRUSHED AGG. BASE COURSE - 8"
UNCLASSIFIED EXCAVATION
- ② BIT. SURF. CSE. - METHOD 1, SUPERPAVE 1 1/2"
BIT. BASE CSE. - METHOD 1, SUPERPAVE 8"
CRUSHED AGG. BASE COURSE - 12"
UNCLASSIFIED EXCAVATION
- ③ BIT. SURF. CSE. - METHOD 1, SUPERPAVE 1 1/2"
BIT. BASE CSE. - METHOD 1, SUPERPAVE 8"
CRUSHED AGG. BASE COURSE - 8"
- ④ PAVERS, BENCHES, FLAG POLES
CRUSHED AGG. BASE COURSE - 4"
- ⑤ 4" PCC SIDEWALK
CRUSHED AGG. BASE COURSE - 4"

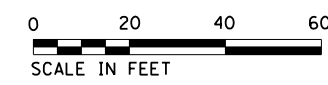
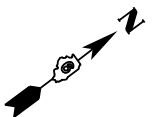
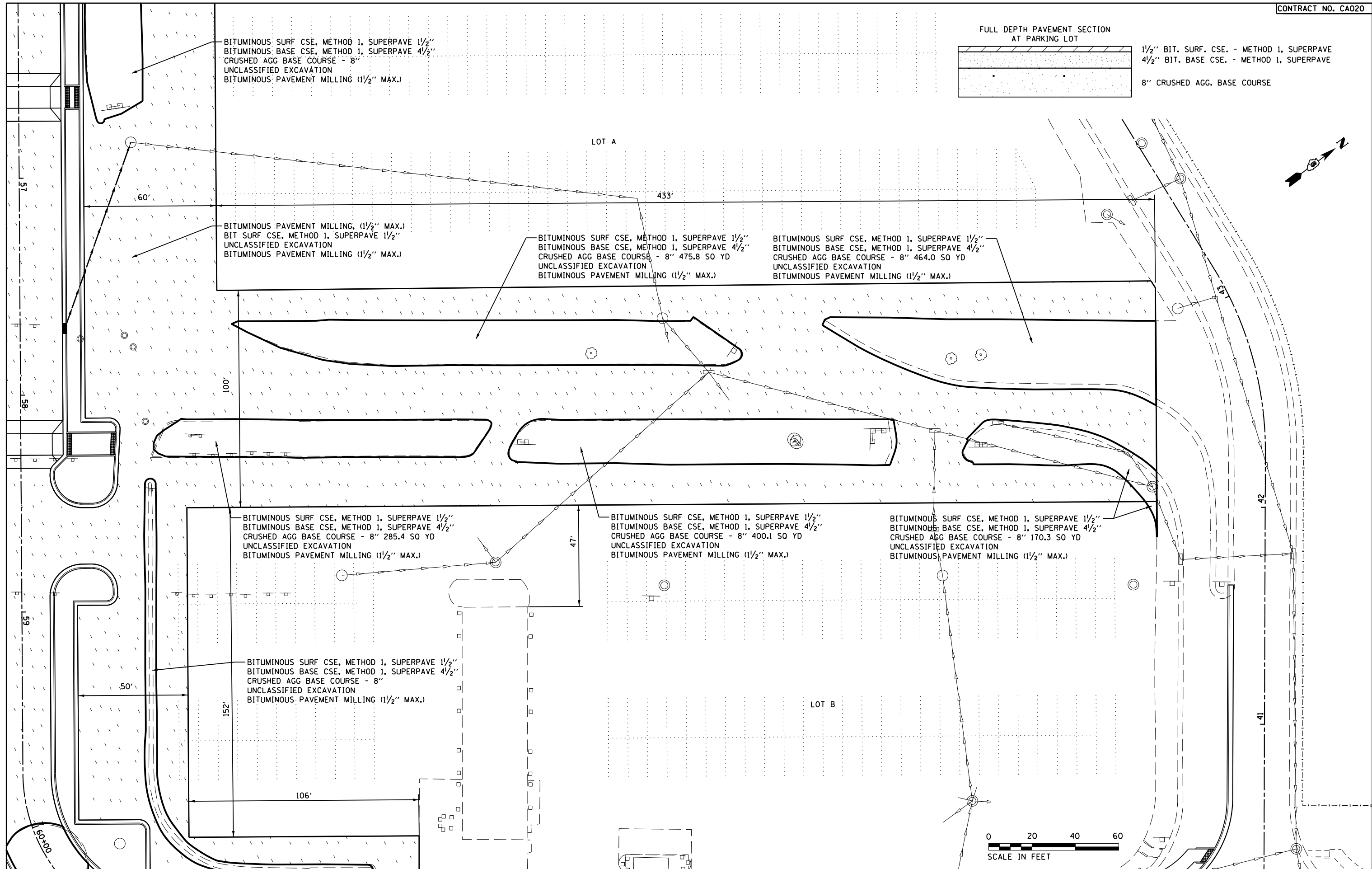
- ⑥ PEDESTRIAN CROSSWALK TABLE.
PAID AS PCC PAVEMENT SPECIAL
CRUSHED AGG. BASE COURSE - 12"
- ⑦ CONCRETE CURB
CRUSHED AGG. BASE COURSE - 4"
- ⑧ COMBINATION CONCRETE CURB & GUTTER
CRUSHED AGG. BASE COURSE - 4"
- ⑨ CONCRETE CURB & GUTTER
CRUSHED AGG. BASE CSE - 8" OR 12" AS
REQUIRED TO MATCH ADJACENT WORK
- ⑩ PCC MEDIAN SURFACE 4"



FULL DEPTH PAVEMENT SECTION
AT PARKING LOT



1 1/2" BIT. SURF. CSE. - METHOD 1, SUPERPAVE
4 1/2" BIT. BASE CSE. - METHOD 1, SUPERPAVE
8" CRUSHED AGG. BASE COURSE



KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -
		DRAWN	REVISED -
		CHECKED	REVISED -
	PLOT DATE = 3/16/2018	DATE	REVISED -

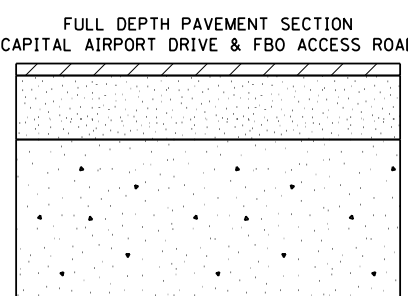
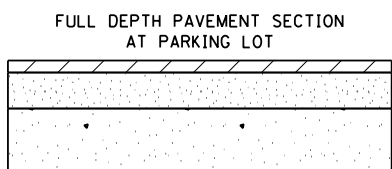
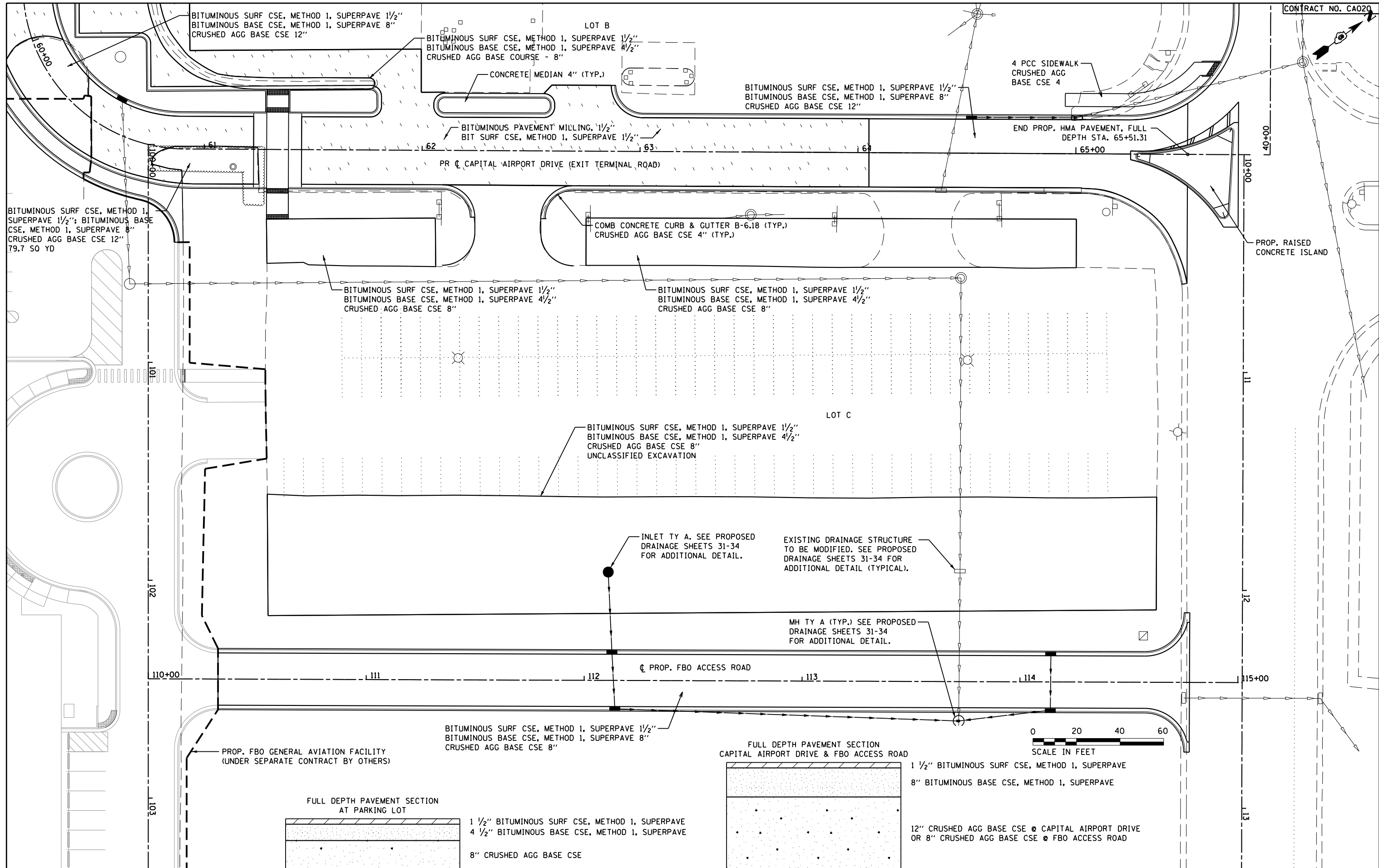
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARKING LOT IMPROVEMENTS - SHEET 1



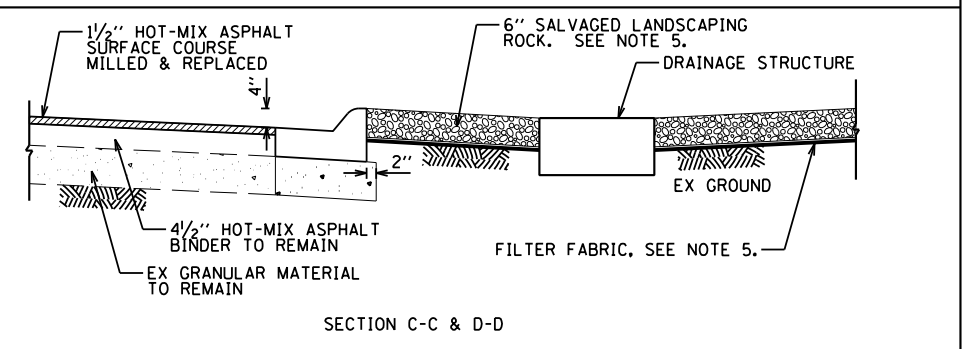
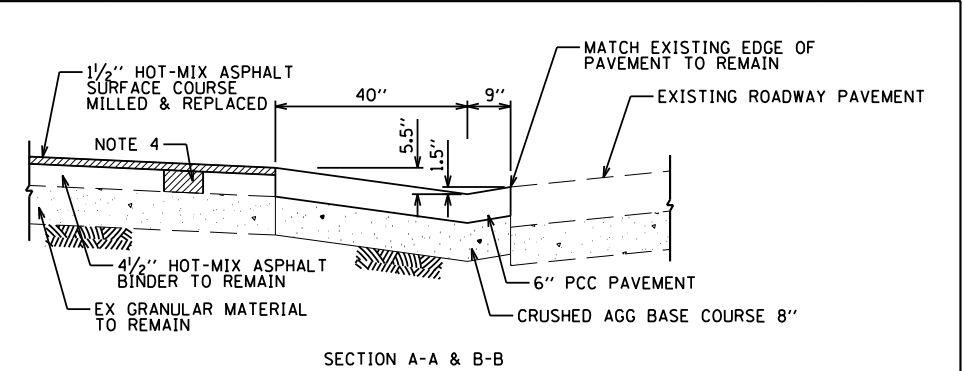
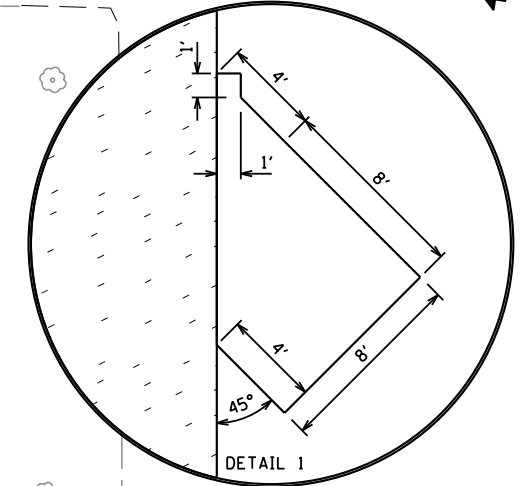
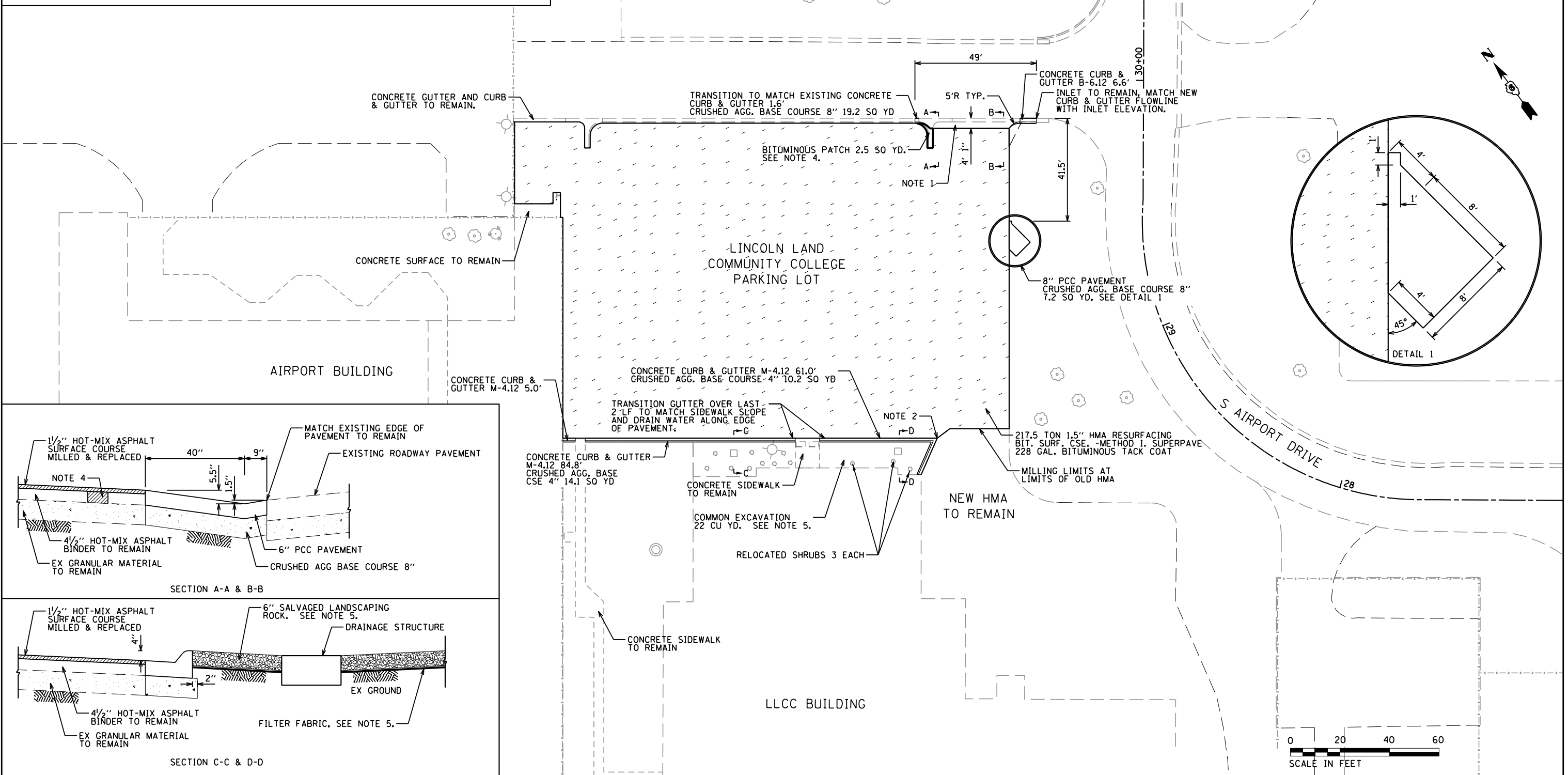
TOTAL SHEETS	SHEET NO.
75	19
IL. PROJ. SPI-4635	

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UNIVERSITY OF ILLINOIS
EXTENSION BUILDING

- NOTES:
1. CONCRETE ENTRANCE 17.8 SQ YD, SEE IDOT STANDARD 606201-02 FOR GUIDANCE 6" THICK PCC, 4' 1" LONG, 40' 8" WIDE AT EDGE OF PAVEMENT 32' WIDE ENTRANCE. CRUSHED AGG BASE COURSE 8" UNDER PAVEMENT & CURB & GUTTER 19.0 SQ YD TOTAL.
 2. MATCH GUTTER FLOWLINE WITH EDGE OF PAVEMENT ELEVATION SO THAT GUTTER DOES NOT HOLD WATER AND ALLOWS WATER TO DRAIN ACROSS PAVEMENT TO THE EAST.
 3. INLET TO REMAIN, MATCH NEW CURB & GUTTER FLOWLINE WITH INLET ELEVATION.
 4. FULL DEPTH HMA PATCHING, THICKNESS TO MATCH ADJACENT PAVEMENT AND LOCATION AS INDICATED IN PLAN VIEW.
 5. REMOVE EXISTING LANDSCAPING ROCK & FILTER FABRIC, EXCAVATE VARIABLE DEPTH 6"-9" DIRT AND SLOPE GROUND SURFACE TOWARDS DRAINAGE INLET. INSTALL NEW FILTER FABRIC & REPLACE LANDSCAPING ROCK NOMINALLY 6" THICK. PAID AS COMMON EXCAVATION FOR THE VOLUME OF LANDSCAPING ROCK & EARTH EXCAVATION. THE COST OF ALL LABOR, MATERIAL, DISPOSAL, AND EQUIPMENT REQUIRED FOR THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR COMMON EXCAVATION.



GENERAL

1. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL FOLLOW THE REQUIREMENTS OF THE AIRPORT'S APPROVED CONSTRUCTION SAFETY AND PHASING PLAN (CSPP), FAA AC 150/5370-2F, AND ALL AIRPORT SAFETY AND SECURITY REQUIREMENTS.
2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE AIRPORT FOR APPROVAL A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) IN ACCORDANCE WITH FAA AC 150/5370-2F. NO CONSTRUCTION ACTIVITY SHALL BEGIN UNTIL THE AIRPORT HAS APPROVED THE SPCD.
3. THE CSPP COVERS OPERATIONAL SAFETY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INDIVIDUAL SAFETY OF HIGHER PERSONNEL AND MEETING OSHA REQUIREMENTS.
4. A MINIMUM OF 10 DAYS PRIOR TO THE NOTICE TO PROCEED THE CONTRACTOR SHALL PROVIDE A LIST OF SUBCONTRACTORS AND MATERIAL SUPPLIERS.
5. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SIGN THE SWPPP CERTIFICATION STATEMENT.
6. ALL CONTRACTOR COSTS ASSOCIATED WITH THE REQUIREMENTS LISTED ON THIS SHEET SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNLESS A SPECIFIC PAY ITEM IS PROVIDED.

1. COORDINATION

1. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ATTEND A PRECONSTRUCTION CONFERENCE WITH THE AIRPORT, ENGINEER, AND ILLINOIS DIVISION OF AERONAUTICS (IDA). THE COST OF PREPARING FOR AND ATTENDING THE PRECONSTRUCTION CONFERENCE SHALL BE INCIDENTAL TO THE CONTRACT.
2. ON OR BEFORE THE PRECONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL SUBMIT A PROPOSED SCHEDULE FOR THE PROJECT. THE SCHEDULE SHALL INCLUDE A START AND COMPLETION DATE FOR EACH ITEM OF WORK. THE SCHEDULE SHALL BE UPDATED ON A WEEKLY BASIS. ALL COSTS ASSOCIATED WITH THE SCHEDULE SHALL BE INCIDENTAL TO THE CONTRACT.
3. DURING CONSTRUCTION THE CONTRACTOR SHALL ATTEND A WEEKLY COORDINATION MEETING WITH THE AIRPORT STAFF AND RESIDENT ENGINEER. ALL COSTS ASSOCIATED WITH ATTENDING THE WEEKLY MEETING SHALL BE INCIDENTAL TO THE CONTRACT.

2. PHASING

1. PHASING SHALL BE AS DESCRIBED ON SHEET 23 AND AS SHOWN ON THE CONSTRUCTION PHASING PLAN SHEET.

3. AREAS AND OPERATIONS AFFECTED BY THE CONSTRUCTION ACTIVITY

1. THE CONTRACTOR SHALL MAINTAIN SAFE AND EASY ACCESS TO THE MAIN TERMINAL BUILDING AND RENTAL CAR PARKING LOTS AT ALL TIMES DURING CONSTRUCTION.
2. WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND SPRINGFIELD AIRPORT AUTHORITY (SAA) OPERATIONS AND SAFETY, SAA OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT TERMINAL COMPLEX.

4. PROTECTION OF NAVIGATION AIDS (NAVAIDS)

1. THE CONTRACTOR SHALL REMAIN CLEAR OF THE ILS CRITICAL AREAS AND OTHER NAVAIDS FACILITIES AT ALL TIMES.

5. CONTRACTOR ACCESS

1. CONTRACTOR ACCESS AND OPERATIONS SHALL BE RESTRICTED TO THE STAGING AREAS OF CONSTRUCTION AS SHOWN ON THE STAGING PLANS.
2. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND TEMPORARY EASEMENTS FOR THE PUBLIC ACCESS ROAD(S) SHOWN AND SHALL COMPLY WITH ALL REQUIREMENTS, LOAD RESTRICTIONS, & TRAFFIC CONTROL SIGNAGE REQUIRED BY THE CITY, COUNTY, TOWNSHIP, OR I.D.O.T.
3. CONTRACTOR EMPLOYEES MAY BE REQUIRED TO OBTAIN AN AIRPORT IDENTIFICATION BADGE. THIS CONSISTS OF FILLING OUT ALL NECESSARY PAPERWORK, FINGERPRINTING, ATTENDING AND PASSING A TRAINING CLASS CONCERNING SAFETY AND SECURITY AT THE AIRPORT. CONTRACTOR EMPLOYEES MUST MEET BACKGROUND CHECK CRITERIA AND THE CONTRACTOR MUST MAKE CERTIFICATION ABOUT EACH EMPLOYEE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINGERPRINTING COSTS.
4. ALL CONTRACTOR EMPLOYEES WHO ARE DESIGNATED AS DRIVERS FOR THE CONTRACTOR WITHIN THE AIRFIELD OPERATIONS AREA (AOA) SHALL ALSO ATTEND AND PASS THE AIRPORT DRIVERS TRAINING PROGRAM. ONLY THOSE INDIVIDUALS WHO RECEIVE THIS DESIGNATION WILL BE PERMITTED TO OPERATE VEHICLES OR EQUIPMENT ON THE AIRPORT. ALL COSTS ASSOCIATED WITH THE DRIVER TRAINING PROGRAM SHALL BE BORNE BY THE CONTRACTOR.
5. CONTRACTOR VEHICLES AND EQUIPMENT SHALL BE MARKED AND FLAGGED PER SECTION 70-16 OF THE STANDARD SPECIFICATIONS. MAXIMUM HEIGHT OF CONTRACTOR EQUIPMENT WILL BE 25'.
6. DRIVERS OF TRUCKS CONTAINING MATERIAL DELIVERIES (AGGREGATE, CONCRETE, ETC.) WILL NOT NEED TO OBTAIN AN AIRPORT ID BADGE BUT SHALL BE REQUIRED TO SUBMIT THEIR NAME, DRIVER'S LICENSE NUMBER, TRUCK LICENSE PLATE NUMBER AND NAME OF TRUCKING COMPANY TO THE PRIME CONTRACTOR PRIOR TO ENTERING THE JOB-SITE. WHILE INSIDE THE AOA, THE TRUCK DRIVERS SHALL BE SUPERVISED BY THE CONTRACTOR.
7. CONTRACTOR STORAGE AND STAGING AREA WILL BE AS SHOWN IN THE PLANS OR AS DIRECTED BY THE SAA.
8. THE CONTRACTOR SHALL KEEP A RECORD OF THE NAMES OF ALL EMPLOYEES ENTERING THE JOB SITE ON A DAILY BASIS. A RECORD OF EACH SUBCONTRACTOR ENTERING THE JOB SITE SHALL ALSO BE KEPT BY THE CONTRACTOR.
9. WHEN THE CONTRACTOR IS NOT WORKING, EQUIPMENT SHALL BE STORED AT THE STAGING AREA.
10. DURING ADVERSE WEATHER THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE WORK AT NO ADDITIONAL COST TO THE CONTRACT. NO EXTENSION OF THE CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS TO THE WORK SITE.
11. THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS ONLY AT THE LOCATIONS SHOWN. PARKED EQUIPMENT AND MATERIAL STOCKPILES SHALL NOT PENETRATE SURFACES DEFINED BY F.A.R. TITLE 14 PART 77 OBJECTS AFFECTING NAVIGABLE AIRSPACE. EXISTING TURF AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER AND THE SAA.
12. THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL CONSTRUCTION AREAS AND HAUL ROUTES WHICH WILL BE OPENED TO THE PUBLIC TO THE SATISFACTION OF THE SAA. A POWER BROOM AND OPERATOR SHALL BE ON SITE AT ALL TIMES WHEN ACTIVE PAVEMENTS ARE UTILIZED FOR CONSTRUCTION TRAFFIC.
13. ALL PAVEMENTS, DRIVES OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED TO THE SAME CONDITION OR BETTER THAN THEY WERE PRIOR TO THE START OF CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
14. ALL VEHICLE AND EQUIPMENT OPERATORS USED BY THE CONTRACTOR SHALL BE PROPERLY TRAINED BY THE CONTRACTOR.
15. THE CONTRACTOR SHALL NOTIFY THE AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) FACILITY IF CONSTRUCTION ACTIVITY MAY REQUIRE THE BLOCKAGE OF EMERGENCY ACCESS TO THE AIRPORT.

6. NOTIFICATION OF CONSTRUCTION ACTIVITIES

1. THE CONTRACTOR SHALL PROVIDE A 24 HOUR EMERGENCY CONTACT PERSON AND PHONE NUMBER.
2. THE CONTRACTOR SHALL GIVE A MINIMUM OF 72 HOURS NOTICE TO AIRPORT OPERATIONS PRIOR TO CLOSING ANY PAVEMENTS SO THAT PROPER NOTIFICATION MAY BE ISSUED BY THE AIRPORT.
3. FOR ANY EQUIPMENT USED BY THE CONTRACTOR WITH A HEIGHT GREATER THAN 25', THE CONTRACTOR SHALL PROVIDE TO THE AIRPORT THE TYPE OF EQUIPMENT, TOTAL HEIGHT, AND LOCATION WHERE THE EQUIPMENT WILL BE USED. THE AIRPORT WILL SUBMIT FAA FORM 7460-1 TO THE FAA FOR AN AIRSPACE STUDY. NO EQUIPMENT WITH A HEIGHT GREATER THAN 25' SHALL BE USED UNTIL A DETERMINATION FROM FAA IS RECEIVED.
4. IN THE EVENT OF AN EMERGENCY, THE CONTRACTOR SHALL CALL 911.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 7 DAYS BEFORE STARTING WORK IN EACH PHASE.

7. INSPECTION REQUIREMENTS

1. THE CONTRACTOR SHALL INSPECT THE JOBSITE DAILY TO ENSURE COMPLIANCE WITH THE CSPP (CONSTRUCTION SAFETY AND PHASING PLAN). THE CHECKLIST FOUND IN APPENDIX 3 OF FAA AC 150/5370-2F MAY BE USED TO AID IN THE INSPECTIONS.
2. THE CONTRACTOR SHALL REQUEST AND ATTEND AN INSPECTION OF EACH PHASE WORK AREA PRIOR TO THE AREA BEING REOPENED. THE AIRPORT WILL DETERMINE IF THE WORK AREA IS ALLOWED TO BE OPENED.

8. UNDERGROUND UTILITIES

1. IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES AT CRITICAL POINTS. THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY IN RESPECT TO THE ACCURACY, COMPLETENESS OR SUFFICIENCY OF THE INFORMATION. ANY UTILITY, INCLUDING AIRFIELD ELECTRICAL CABLE AND LIGHTS, DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY HIM AT HIS OWN EXPENSE IN A MANNER WHICH IS SATISFACTORY TO THE ENGINEER AND TO THE OWNER OF THE UTILITY. ANY REPAIRS THAT MUST BE MADE BY THE OWNER OF THE UTILITY SHALL HAVE THE COST REIMBURSED TO THE UTILITY BY THE CONTRACTOR. AIRFIELD LIGHTING CABLES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY A QUALIFIED ELECTRICIAN WITH THE COSTS TO BE BORNE BY THE CONTRACTOR.
2. BEFORE INITIATING ANY DIGGING, DRILLING OR EXCAVATING ON THE AIRPORT PROPERTY, THE CONTRACTOR SHALL CALL J.U.L.I.E., THE AIRPORT, AND CONTACT THE LOCAL FAA OFFICE TO ARRANGE FOR UTILITY LOCATES.

9. PENALTIES

1. NONCOMPLIANCE BY THE CONTRACTOR WITH AIRPORT RULES AND REGULATIONS OR FAILURE TO COMPLY WITH THE AIRPORT'S APPROVED CSPP, THE CONTRACTOR'S APPROVED SPCD, OR THE SECURITY PLAN MAY RESULT IN FINES AS ALLOWED BY LAW.

10. SPECIAL CONDITIONS

1. ADJACENT CONSTRUCTION MAY IMPACT THE OPERATIONS OF THE CONTRACTOR. SEE THE COORDINATION NOTES FOR ADDITIONAL INFORMATION.

11. HAZARD MARKING AND LIGHTING



1. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED LIGHTING OF OPEN TRENCHES, EXCAVATIONS, TEMPORARY STOCKPILES, AND THE CONTRACTOR'S CONSTRUCTION EQUIPMENT.
2. ALL CONSTRUCTION EQUIPMENT SHALL BE FLAGGED AND/OR LIGHTED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2F AND 150/5210-5C AT ALL TIMES WHILE OPERATING ON AIRPORT PROPERTY. THE MAXIMUM EQUIPMENT HEIGHT IS 25'.
3. BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEET OR AS DIRECTED BY THE AIRPORT.
4. THE CONTRACTOR SHALL INSPECT THE BARRICADES ONCE DURING EACH WORK DAY TO ENSURE PROPER PLACEMENT AND PROPER OPERATION OF THE RED LIGHTS AND FLAG PLACEMENT.

12. OTHER LIMITATIONS ON CONSTRUCTION

1. IF, DURING CONSTRUCTION, AN EMERGENCY IS DECLARED BY THE AIRPORT, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT OF ALL VEHICLES, PERSONNEL AND EQUIPMENT.
2. BROKEN CONCRETE, BROKEN ASPHALT, RUBBISH FROM DEMO, AND OTHER MISCELLANEOUS DEBRIS SHALL BE DISPOSED OF OFF AIRPORT PROPERTY, UNLESS OTHERWISE SPECIFIED.

13. HAZARDOUS MATERIAL (HAZMAT) MANAGEMENT

1. THE CONTRACTOR SHALL DEVELOP A HAZMAT MANAGEMENT PLAN AND KEEP COPIES ON THE JOBSITE OF MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL MATERIALS HANDLED ON THE JOBSITE.

	USER NAME = jcowley	DESIGNED JSA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION SAFETY AND PHASING PLAN		TOTAL SHEETS	SHEET NO.
		DRAWN MAL	REVISED -				75	22
		CHECKED	REVISED -				IL. PROJ. SPI-4635	
	PLOT DATE = 3/16/2018	DATE 8/18/2017	REVISED -					

SECURITY NOTES

1. MAINTAINING THE SECURITY REQUIREMENTS OF THE AIRPORT SHALL BE A PRIMARY CONCERN FOR THE CONTRACTOR.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING AIRPORT SECURITY BY SUPERVISING OPENINGS OR MAINTAINING THE AIRPORT PERIMETER FENCE LINE AT ALL TIMES DURING THE COURSE OF THE WORK.
3. FINES CAN BE LEVIED AGAINST THE CONTRACTOR BY THE TRANSPORTATION SECURITY ADMINISTRATION (TSA) FOR NEGLIGENCE IF THE AIRPORT SECURITY IS COMPROMISED AND THE AIRPORT PERIMETER FENCE LINE IS NOT MAINTAINED AS SPECIFIED ABOVE. FINES CAN ALSO BE LEVIED AGAINST THE CONTRACTOR FOR FAILURE TO COOPERATE WITH THE AIRPORT MANAGEMENT AS REQUIRED TO MAINTAIN AIRPORT SECURITY.

CONSTRUCTION ACTIVITIES GENERAL NOTES

1. CONSTRUCTION PHASING IS OF CRITICAL IMPORTANCE TO THE AIRPORT FOR THIS PROJECT.
2. THE CONTRACTOR SHALL PLAN AND CONDUCT HIS WORK SO AS TO NOT INTERFERE OR HINDER THE PROGRESS OR WORK BEING PERFORMED BY OTHER CONTRACTORS.
3. THE TIMELY PROSECUTION OF THE OVERALL PROJECT IS DEPENDENT UPON THE PROPER COORDINATION BETWEEN CONTRACTORS.
4. IT SHALL BE FULLY UNDERSTOOD BY THE CONTRACTOR THAT THE PROSECUTION OF THE OVERALL PROJECT IS THE GOVERNING CRITERIA FOR RESOLVING CONFLICTS WHICH MAY ARISE BETWEEN HIS SCHEDULE AND THE SCHEDULE OF OTHER CONTRACTORS.
5. WHEN CONFLICTS ARISE, RESOLUTION OF SUCH CONFLICTS WILL BE MADE BY THE AIRPORT THROUGH THE RESIDENT ENGINEER IN THE BEST INTEREST OF THE AIRPORT.
6. DELAYS, CHANGES IN SCHEDULING, OR THE EXPEDITION OF WORK UNDER THIS CONTRACT TO PROVIDE FOR THE TIMELY PROSECUTION OF THE PROJECT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. CONTRACTOR'S STAGING, STORAGE, AND PARKING WILL BE AS SHOWN ON THE CONSTRUCTION ACTIVITY PLANS.
8. THE CONTRACTOR SHALL PLACE ALL BARRICADES AND EROSION CONTROL ITEMS AS SHOWN IN THE PLANS PRIOR TO INITIATING WORK IN EACH PHASE. ALL COSTS TO FURNISH, INSTALL, AND MAINTAIN THESE ITEMS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
9. CONSTRUCTION BARRICADES SHALL BE SET AT THE LIMITS OF THE WORK AREA OF EACH PHASE. DURING PAVING OPERATIONS, BARRICADES MAY BE PLACED AT A REASONABLE DISTANCE BEYOND THE WORK LIMITS, AS APPROVED BY THE ENGINEER, TO ALLOW ROOM FOR PAVING OPERATIONS. OFFSETTING THE BARRICADES TO THIS LOCATION SHALL BE COORDINATED WITH THE AIRPORT IN ADVANCE.
10. ALL BARRICADES SHALL BE LOCATED AT THE EDGE OF THE WORKING LIMITS AT THE END OF EACH WORKING DAY.

SUGGESTED CONSTRUCTION PHASING

PHASE 1:

1. RELOCATE ELECTRIC TRANSFORMERS AND CONDUITS (BY CWLP).
2. RELOCATE BEACON (BY OTHERS) AS SHOWN ON THE CONTRACT PLANS.
3. RELOCATE LIGHTING CABINET AND CONNECT TO RELOCATED TRANSFORMERS.

PHASE 2:

1. STRIP AND STOCKPILE TOPSOIL.
2. CONSTRUCT STORM SEWER AT NEW ACCESS ROAD AND LOT C EXPANSION
3. PERFORM ALL GRADING AND CONSTRUCT ALL PAVEMENT ITEMS AT NEW ACCESS ROAD AND LOT C EXPANSION.
4. INSTALL STREET LIGHT CONDUIT, FOUNDATIONS, LIGHT POLES, AND LUMINAIRES FOR NEW ACCESS ROAD AND LOT C.
5. PLACE TOPSOIL AND FINAL GRADING. PLACE SEED AND MULCH ALL DISTURBED AREAS AROUND FBO ACCESS ROAD AND LOT C.

INSTALL THERMOPLASTIC PAVEMENT MARKINGS FOR FBO ACCESS ROAD. INSTALL PAINT PAVEMENT MARKINGS FOR LOT C.

PHASE 3:

1. CLOSE EXIT TERMINAL ROAD STA. 58+10 TO STA. 65+20.
2. REMOVE EXISTING HMA PAVEMENT, EARTH EXCAVATION, CRUSHED STONE BASE 12", AND HMA BINDER COURSE 8", STA. 59+98 TO 60+45, STA. 60+77 TO 61+25, AND STA. 64+05 TO 65+51.
3. CONSTRUCT COMBINATION CONCRETE CURB AND GUTTER.
4. MILL EXISTING HMA SURFACE.
5. CONSTRUCT RAISED PEDESTRIAN SPEED TABLES AT STA. 58+23 AND 61+30. CONSTRUCT CONCRETE SIDEWALK AND PAVED MEDIANS.
6. CONSTRUCT HMA SURFACE COURSE.
7. INSTALL TEMPORARY PAVEMENT MARKINGS.
8. OPEN EXIT TERMINAL ROAD TO TRAFFIC.

PHASE 4:

1. CLOSE EXISTING EXIT TERMINAL ROAD (BETWEEN LOT A & B).
2. STRIP AND STOCKPILE TOPSOIL.
3. CONSTRUCT ALL PAY ITEMS BETWEEN TERMINAL ENTRANCE ROAD AND PARKING LOT A STA. 50+00 TO 58+10.
4. PERFORM UTILITY RELOCATION IN BERM AREAS BETWEEN PARKING LOTS A AND B.
5. REMOVE EXISTING MERGE PAVEMENT AREA ON CAPITAL AIRPORT DRIVE LOCATED JUST NORTH OF PARKING LOT B FROM STA. 40+15 TO STA. 42+50.
6. CONSTRUCT ALL PAY ITEMS FOR REMOVALS AND PARKING LOTS EXPANSION BETWEEN PARKING LOTS A AND B.
7. CONSTRUCT ISLAND AT CAPITAL AIRPORT DRIVE AND EXIT TERMINAL ROAD STA. 65+05 TO STA. 65+75. CONSTRUCT SIDEWALK AND COMBINATION CONCRETE CURB AND GUTTER ALONG CAPITAL AIRPORT DRIVE STA. 40+00 TO 41+64.18.
8. PLACE TOPSOIL AND FINAL GRADING. PLACE SEED AND MULCH ALL DISTURBED AREAS ALONG THE NORTH EDGE OF PARKING LOT B.

SUGGESTED CONSTRUCTION PHASING (CONTINUED)

PHASE 5:


1. MILL HMA SURFACE CAPITAL AIRPORT DRIVE TERMINAL ENTRANCE ROAD STA. 49+45.95 TO STA. 58+10.
2. CONSTRUCT RAISED PEDESTRIAN SPEED TABLES AT STA. 53+00, STA. 53+95, AND STA. 56+62.
3. CONSTRUCT CONCRETE CURB ALONG SOUTH SIDE OF TERMINAL ENTRANCE ROAD STA. 51+44 TO 56+89.
4. CONSTRUCT HMA SURFACE COURSE STA. 49+45.95 TO STA. 58+10.
5. INSTALL THERMOPLASTIC PAVEMENT MARKINGS FOR CAPITAL AIRPORT DRIVE STA. 49+45.95 TO STA. 65+51.30.

PHASE 6:

1. MILL HMA SURFACE AT PARKING LOT A, PARKING LOT B, AND RENTAL CAR/EMPLOYEE LOT.
2. CONSTRUCT NEW DUMPSTER PADS AT SE CORNER OF MAIN TERMINAL BUILDING.
3. CONSTRUCT HMA SURFACE COURSE AT PARKING LOT A, PARKING LOT B, AND RENTAL CAR/EMPLOYEE LOT.
4. INSTALL PAINT PAVEMENT MARKINGS AT PARKING LOT A, PARKING LOT B, AND RENTAL CAR/EMPLOYEE LOT.
5. FINE GRADE, SEED, AND MULCH TOPSOIL STOCKPILE AND CONTRACTOR STAGING AREA.

IDOT TRAFFIC CONTROL STANDARDS

701006-05	OFF-RD OPERATIONS, L2, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES

	USER NAME = jcowley	DESIGNED JSA	REVISED -
		DRAWN MAL	REVISED -
		CHECKED	REVISED -
	PLOT DATE = 3/16/2018	DATE 7/18/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION SAFETY AND PHASING PLAN


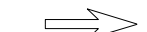
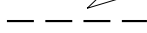
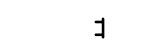



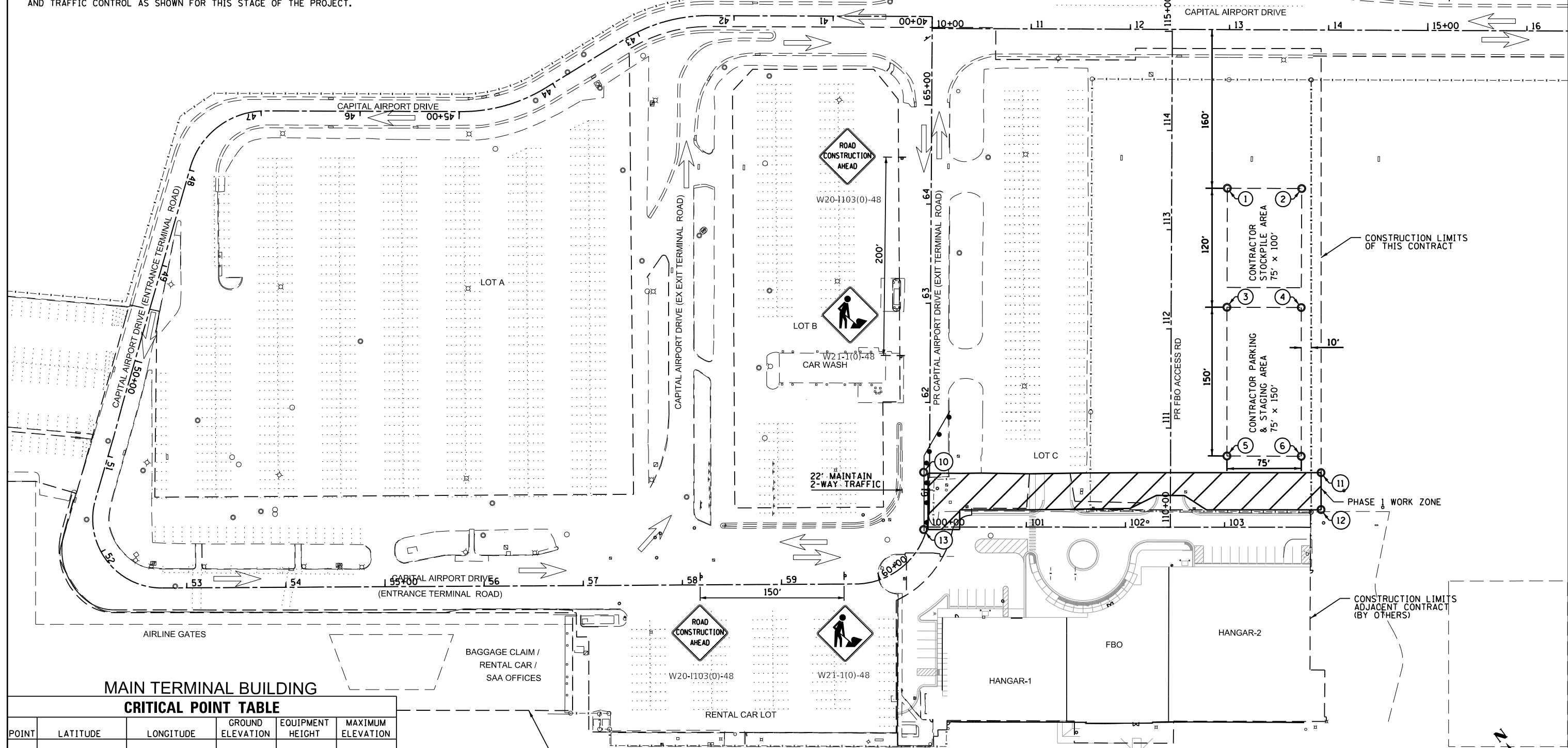
TOTAL SHEETS	SHEET NO.
75	23
IL. PROJ. SPI-4635	

NOTES

1. THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL AIRPORT FACILITIES AT ALL TIMES.
2. CONSTRUCTION LIMITS SHOWN ARE APPROXIMATE AND ARE INTENDED TO INDICATE GENERAL LIMITS OF THIS CONTRACT.
3. DEVIATION FROM CONSTRUCTION STAGING AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
4. CONTRACTOR TO UTILIZE IDOT TRAFFIC CONTROL AND PROTECTION STANDARDS 701006 & 701901 AND TRAFFIC CONTROL AS SHOWN FOR THIS STAGE OF THE PROJECT.

LEGEND

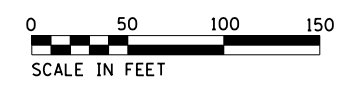
-  BARRELS AT 10' CENTERS WITH YELLOW FLASHING LIGHTS
-  TRAFFIC FLOW
-  CONSTRUCTION LIMITS
-  TYPE 3 BARRICADE WITH "ROAD CLOSED" SIGN WITH YELLOW FLASHING LIGHTS
-  TYPE 3 BARRICADES AT 10' CENTERS WITH DIRECTIONAL ARROW AND YELLOW FLASHING LIGHTS



MAIN TERMINAL BUILDING

CRITICAL POINT TABLE

POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	EQUIPMENT HEIGHT	MAXIMUM ELEVATION
1	N 39° 50' 36.90"	W 89° 40' 04.71"	584'	25'	609'
2	N 39° 50' 36.45"	W 89° 40' 03.94"	584'	25'	609'
3	N 39° 50' 35.95"	W 89° 40' 05.63"	585'	25'	610'
4	N 39° 50' 35.50"	W 89° 40' 04.86"	585'	25'	610'
5	N 39° 50' 34.75"	W 89° 40' 06.77"	585'	25'	610'
6	N 39° 50' 34.31"	W 89° 40' 06.00"	585'	25'	610'
10	N 39° 50' 36.42"	W 89° 40' 10.05"	586'	25'	611'
11	N 39° 50' 34.06"	W 89° 40' 05.92"	586'	25'	611'
12	N 39° 50' 33.77"	W 89° 40' 06.20"	586'	25'	611'
13	N 39° 50' 35.96"	W 89° 40' 10.49"	587'	25'	612'



USER NAME = jcowley	DESIGNED JSA	REVISED -
	DRAWN MAL	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE 8/18/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION SAFETY AND PHASING PLAN
PHASE 1



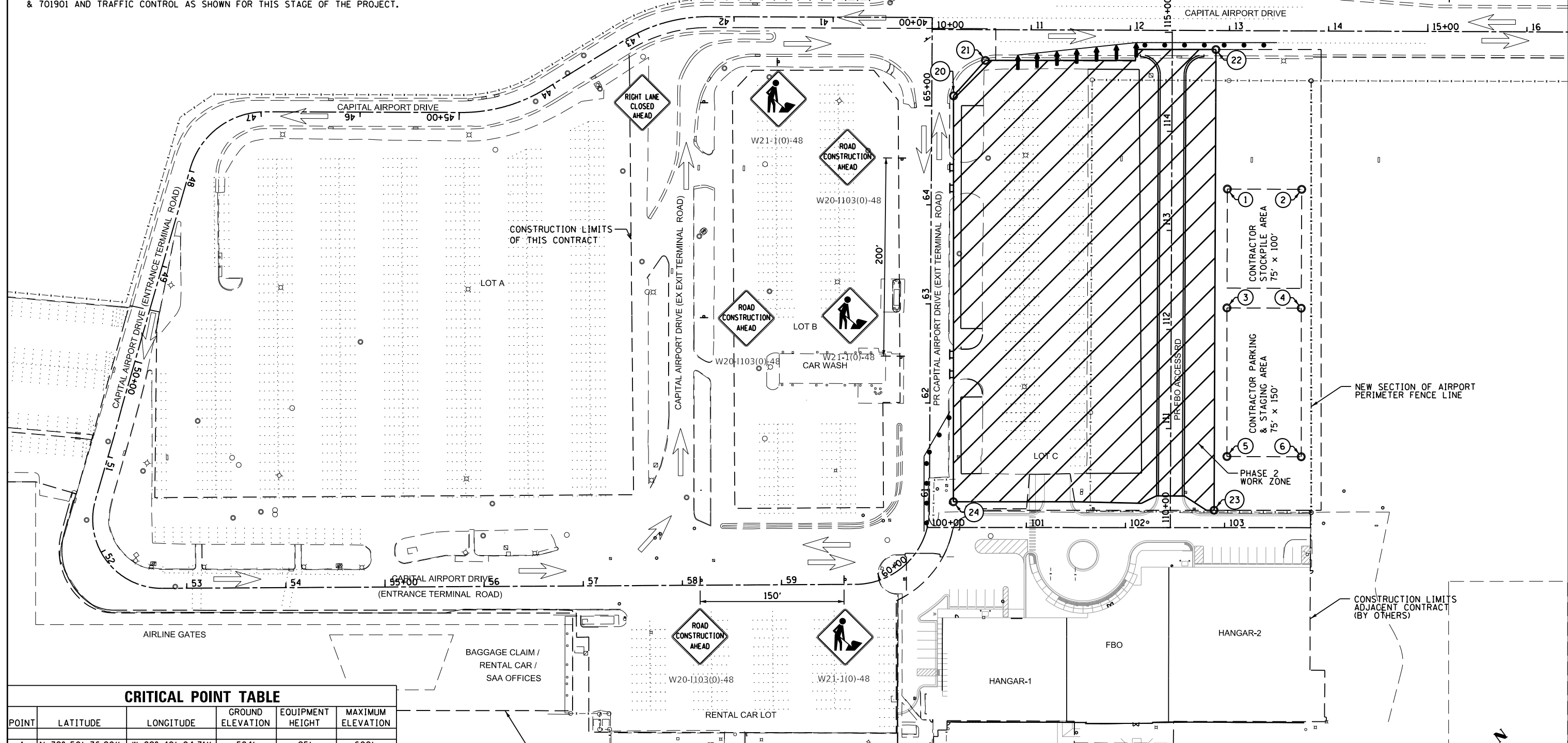
TOTAL SHEETS	SHEET NO.
75	24
IL. PROJ. SPI-4635	

NOTES

1. THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL AIRPORT FACILITIES AT ALL TIMES.
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3. DEVIATION FROM CONSTRUCTION STAGING AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
4. CONTRACTOR TO UTILIZE IDOT TRAFFIC CONTROL AND PROTECTION STANDARDS 701006, 701606, & 701901 AND TRAFFIC CONTROL AS SHOWN FOR THIS STAGE OF THE PROJECT.

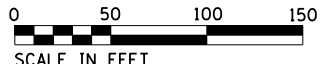
LEGEND

- BARRELS AT 10' CENTERS WITH YELLOW FLASHING LIGHTS
- TRAFFIC FLOW
- CONSTRUCTION LIMITS
- TYPE 3 BARRICADE WITH "ROAD CLOSED" SIGN WITH YELLOW FLASHING LIGHTS
- TYPE 3 BARRICADES AT 10' CENTERS WITH DIRECTIONAL ARROW AND YELLOW FLASHING LIGHTS



CRITICAL POINT TABLE

POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	EQUIPMENT HEIGHT	MAXIMUM ELEVATION
1	N 39° 50' 36.90"	W 89° 40' 04.71"	584'	25'	609'
2	N 39° 50' 36.45"	W 89° 40' 03.94"	584'	25'	609'
3	N 39° 50' 35.95"	W 89° 40' 05.63"	585'	25'	610'
4	N 39° 50' 35.50"	W 89° 40' 04.86"	585'	25'	610'
5	N 39° 50' 34.75"	W 89° 40' 06.77"	585'	25'	610'
6	N 39° 50' 34.31"	W 89° 40' 06.00"	585'	25'	610'
20	N 39° 50' 39.27"	W 89° 40' 06.84"	585'	25'	610'
21	N 39° 50' 39.36"	W 89° 40' 06.23"	586'	25'	611'
22	N 39° 50' 38.08"	W 89° 40' 03.75"	585'	25'	610'
23	N 39° 50' 34.40"	W 89° 40' 07.32"	586'	25'	611'
24	N 39° 50' 36.01"	W 89° 40' 09.96"	587'	25'	612'

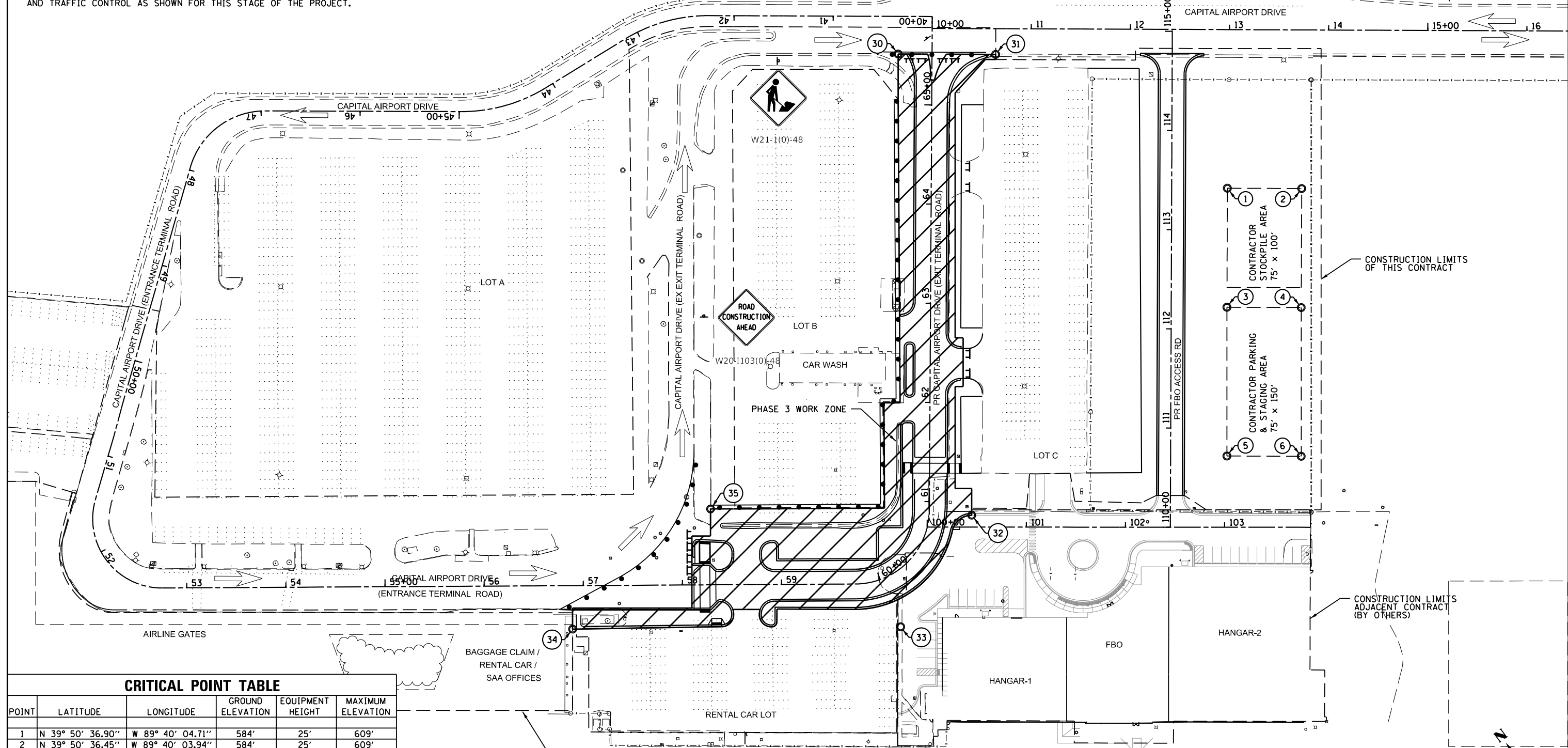


NOTES

1. THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL AIRPORT FACILITIES AT ALL TIMES.
2. CONSTRUCTION LIMITS SHOWN ARE APPROXIMATE AND ARE INTENDED TO INDICATE GENERAL LIMITS OF THIS CONTRACT.
3. DEVIATION FROM CONSTRUCTION STAGING AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
4. CONTRACTOR TO UTILIZE IDOT TRAFFIC CONTROL AND PROTECTION STANDARDS 701006 AND 701901 AND TRAFFIC CONTROL AS SHOWN FOR THIS STAGE OF THE PROJECT.

LEGEND

- BARRELS AT 10' CENTERS WITH YELLOW FLASHING LIGHTS
- TRAFFIC FLOW
- CONSTRUCTION LIMITS
- TYPE 3 BARRICADE WITH "ROAD CLOSED" SIGN WITH YELLOW FLASHING LIGHTS
- TYPE 3 BARRICADES AT 10' CENTERS WITH DIRECTIONAL ARROW AND YELLOW FLASHING LIGHTS



CRITICAL POINT TABLE

POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	EQUIPMENT HEIGHT	MAXIMUM ELEVATION
1	N 39° 50' 36.90"	W 89° 40' 04.71"	584'	25'	609'
2	N 39° 50' 36.45"	W 89° 40' 03.94"	584'	25'	609'
3	N 39° 50' 35.95"	W 89° 40' 05.63"	585'	25'	610'
4	N 39° 50' 35.50"	W 89° 40' 04.86"	585'	25'	610'
5	N 39° 50' 34.75"	W 89° 40' 06.77"	585'	25'	610'
6	N 39° 50' 34.31"	W 89° 40' 06.00"	585'	25'	610'
30	N 39° 50' 39.92"	W 89° 40' 07.10"	585'	25'	610'
31	N 39° 50' 39.34"	W 89° 40' 06.09"	586'	25'	611'
32	N 39° 50' 35.79"	W 89° 40' 09.88"	586'	25'	611'
33	N 39° 50' 35.32"	W 89° 40' 11.48"	588'	25'	613'
34	N 39° 50' 37.25"	W 89° 40' 14.90"	589'	25'	614'
35	N 39° 50' 37.39"	W 89° 40' 12.55"	587'	25'	612'

KNIGHT
Engineers & Architects

USER NAME = jcowley

DESIGNED JSA
DRAWN MAL
CHECKED
DATE 8/18/2017

REVISIONS:
REVISED -
REVISED -
REVISED -
REVISED -

PLOT DATE = 3/16/2018

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION SAFETY AND PHASING PLAN
PHASE 3

ABRAHAM LINCOLN
CAPITAL AIRPORT
SPRINGFIELD AIRPORT AUTHORITY

TOTAL SHEETS	SHEET NO.
75	26
IL. PROJ. SPI-4635	

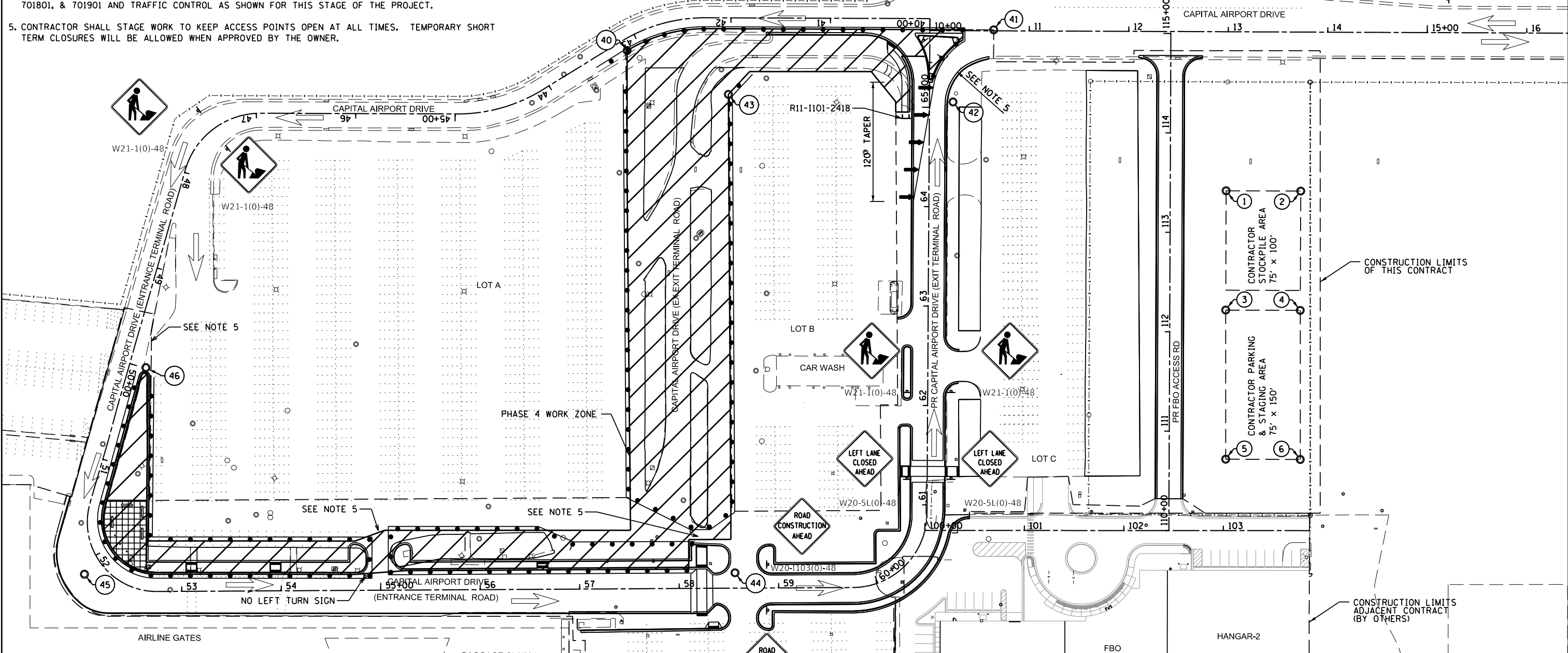
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NOTES

1. THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL AIRPORT FACILITIES AT ALL TIMES.
2. CONSTRUCTION LIMITS SHOWN ARE APPROXIMATE AND ARE INTENDED TO INDICATE GENERAL LIMITS OF THIS CONTRACT.
3. DEVIATION FROM CONSTRUCTION STAGING AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
4. CONTRACTOR TO UTILIZE IDOT TRAFFIC CONTROL AND PROTECTION STANDARD 701601, 701701, 701801, & 701901 AND TRAFFIC CONTROL AS SHOWN FOR THIS STAGE OF THE PROJECT.
5. CONTRACTOR SHALL STAGE WORK TO KEEP ACCESS POINTS OPEN AT ALL TIMES. TEMPORARY SHORT TERM CLOSURES WILL BE ALLOWED WHEN APPROVED BY THE OWNER.

LEGEND

- BARRELS AT 10' CENTERS WITH YELLOW FLASHING LIGHTS
- TRAFFIC FLOW
- CONSTRUCTION LIMITS
- TYPE 3 BARRICADE WITH "ROAD CLOSED" SIGN WITH YELLOW FLASHING LIGHTS
- TYPE 3 BARRICADES AT 10' CENTERS WITH DIRECTIONAL ARROW AND YELLOW FLASHING LIGHTS



CRITICAL POINT TABLE

POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	EQUIPMENT HEIGHT	MAXIMUM ELEVATION
1	N 39° 50' 36.90"	W 89° 40' 04.71"	584'	25'	609'
2	N 39° 50' 36.45"	W 89° 40' 03.94"	584'	25'	609'
3	N 39° 50' 35.95"	W 89° 40' 05.63"	585'	25'	610'
4	N 39° 50' 35.50"	W 89° 40' 04.86"	585'	25'	610'
5	N 39° 50' 34.75"	W 89° 40' 06.77"	585'	25'	610'
6	N 39° 50' 34.31"	W 89° 40' 06.00"	585'	25'	610'
40	N 39° 50' 41.56"	W 89° 40' 09.84"	586'	25'	611'
41	N 39° 50' 39.56"	W 89° 40' 05.88"	586'	25'	611'
42	N 39° 50' 39.22"	W 89° 40' 06.85"	584'	25'	609'
43	N 39° 50' 40.61"	W 89° 40' 09.12"	585'	25'	610'
44	N 39° 50' 36.75"	W 89° 40' 12.72"	587'	25'	612'
45	N 39° 50' 40.58"	W 89° 40' 19.48"	588'	25'	613'
46	N 39° 50' 41.87"	W 89° 40' 17.25"	588'	25'	613'

KNIGHT
Engineers & Architects

USER NAME = jcowley
DESIGNED JSA
DRAWN MAL
CHECKED
DATE 8/18/2017

REVISIONS:
-
-
-
-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION SAFETY AND PHASING PLAN
PHASE 4

ABRAHAM LINCOLN
CAPITAL AIRPORT
SPRINGFIELD AIRPORT AUTHORITY


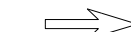
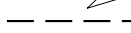


TOTAL SHEETS	SHEET NO.
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IL. PROJ. SPI-4635	

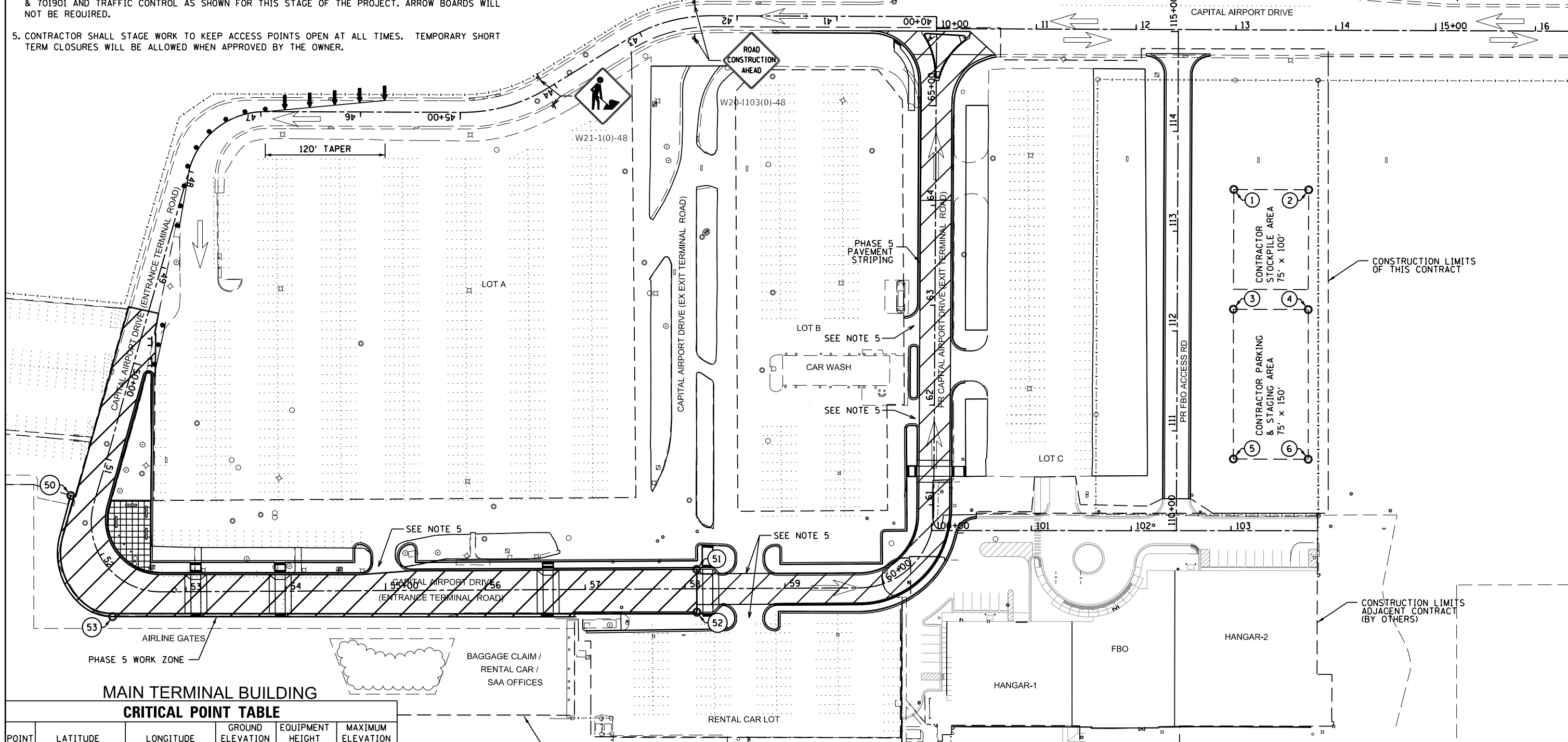
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NOTES

1. THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL AIRPORT FACILITIES AT ALL TIMES.
2. CONSTRUCTION LIMITS SHOWN ARE APPROXIMATE AND ARE INTENDED TO INDICATE GENERAL LIMITS OF THIS CONTRACT.
3. DEVIATION FROM CONSTRUCTION STAGING AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
4. CONTRACTOR TO UTILIZE IDOT TRAFFIC CONTROL AND PROTECTION STANDARD 701301, 701601, 701801, & 701901 AND TRAFFIC CONTROL AS SHOWN FOR THIS STAGE OF THE PROJECT. ARROW BOARDS WILL NOT BE REQUIRED.
5. CONTRACTOR SHALL STAGE WORK TO KEEP ACCESS POINTS OPEN AT ALL TIMES. TEMPORARY SHORT TERM CLOSURES WILL BE ALLOWED WHEN APPROVED BY THE OWNER.

LEGEND

-  BARRELS AT 10' CENTERS WITH YELLOW FLASHING LIGHTS
-  TRAFFIC FLOW
-  CONSTRUCTION LIMITS
-  TYPE 3 BARRICADE WITH "ROAD CLOSED" SIGN WITH YELLOW FLASHING LIGHTS
-  TYPE 3 BARRICADES AT 10' CENTERS WITH DIRECTIONAL ARROW AND YELLOW FLASHING LIGHTS



MAIN TERMINAL BUILDING

CRITICAL POINT TABLE

POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	EQUIPMENT HEIGHT	MAXIMUM ELEVATION
1	N 39° 50' 36.90"	W 89° 40' 04.71"	584'	25'	609'
2	N 39° 50' 36.45"	W 89° 40' 03.94"	584'	25'	609'
3	N 39° 50' 35.95"	W 89° 40' 05.63"	585'	25'	610'
4	N 39° 50' 35.50"	W 89° 40' 04.86"	585'	25'	610'
5	N 39° 50' 34.75"	W 89° 40' 06.77"	585'	25'	610'
6	N 39° 50' 34.31"	W 89° 40' 06.00"	585'	25'	610'
50	N 39° 50' 41.31"	W 89° 40' 19.05"	588'	25'	613'
51	N 39° 50' 37.04"	W 89° 40' 13.15"	587'	25'	612'
52	N 39° 50' 36.70"	W 89° 40' 13.48"	587'	25'	612'
53	N 39° 50' 40.10"	W 89° 40' 19.55"	589'	25'	614'



KNIGHT
Engineers & Architects

USER NAME = jcowley
DESIGNED JSA
DRAWN MAL
CHECKED
DATE 8/18/2017
PLOT DATE = 3/16/2018

DESIGNED JSA
DRAWN MAL
CHECKED
DATE 8/18/2017
REVISIONS:
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION SAFETY AND PHASING PLAN
PHASE 5**



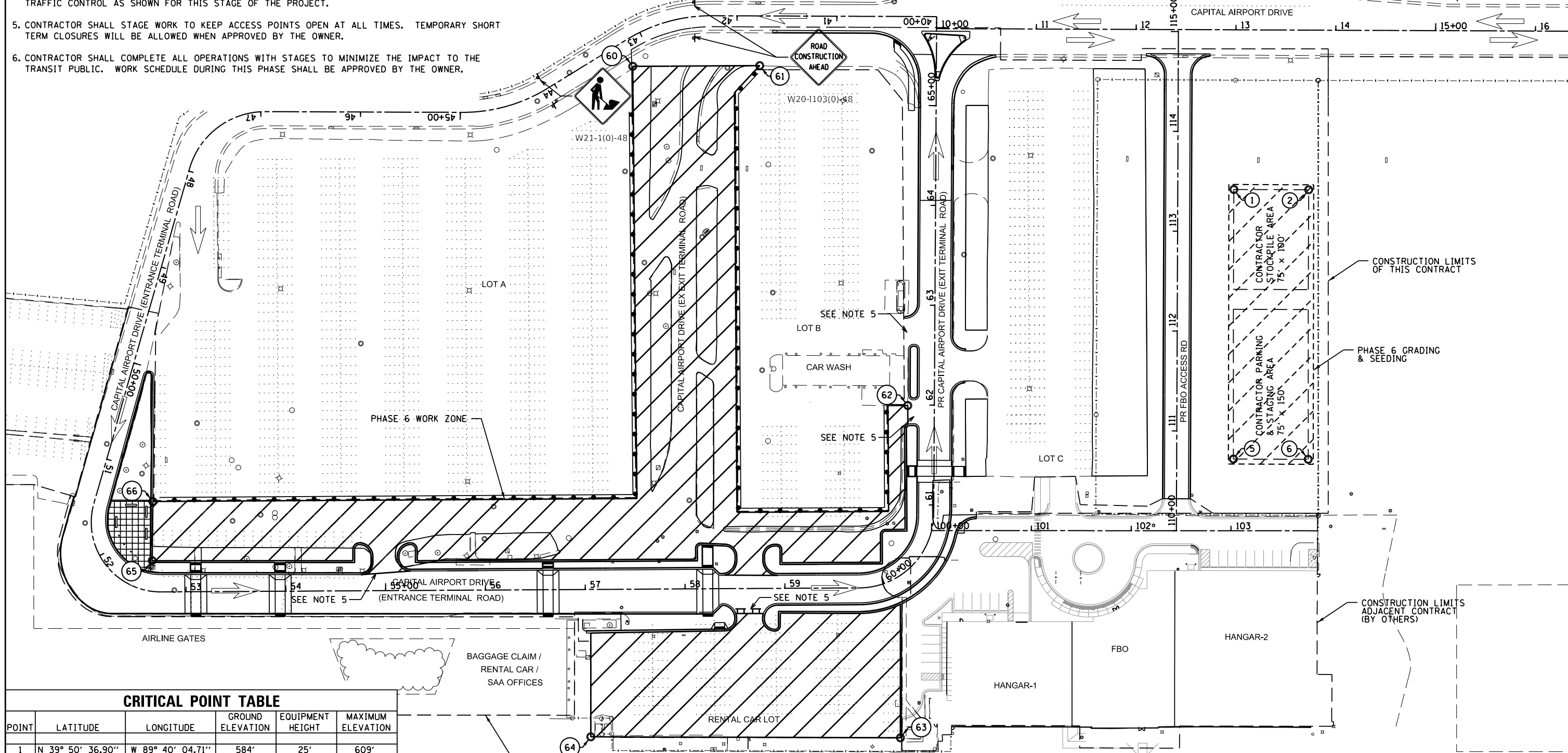
TOTAL SHEETS 75
SHEET NO. 28
IL. PROJ. SPI-4635

NOTES

1. THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL AIRPORT FACILITIES AT ALL TIMES.
2. CONSTRUCTION LIMITS SHOWN ARE APPROXIMATE AND ARE INTENDED TO INDICATE GENERAL LIMITS OF THIS CONTRACT.
3. DEVIATION FROM CONSTRUCTION STAGING AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
4. CONTRACTOR TO UTILIZE IDOT TRAFFIC CONTROL AND PROTECTION STANDARD 701006 & 701901 AND TRAFFIC CONTROL AS SHOWN FOR THIS STAGE OF THE PROJECT.
5. CONTRACTOR SHALL STAGE WORK TO KEEP ACCESS POINTS OPEN AT ALL TIMES. TEMPORARY SHORT TERM CLOSURES WILL BE ALLOWED WHEN APPROVED BY THE OWNER.
6. CONTRACTOR SHALL COMPLETE ALL OPERATIONS WITH STAGES TO MINIMIZE THE IMPACT TO THE TRANSIT PUBLIC. WORK SCHEDULE DURING THIS PHASE SHALL BE APPROVED BY THE OWNER.

LEGEND

- BARRELS AT 10' CENTERS WITH YELLOW FLASHING LIGHTS
- TRAFFIC FLOW
- CONSTRUCTION LIMITS
- TYPE 3 BARRICADE WITH "ROAD CLOSED" SIGN WITH YELLOW FLASHING LIGHTS
- TYPE 3 BARRICADES AT 10' CENTERS WITH DIRECTIONAL ARROW AND YELLOW FLASHING LIGHTS



CRITICAL POINT TABLE

POINT	LATITUDE	LONGITUDE	GROUND ELEVATION	EQUIPMENT HEIGHT	MAXIMUM ELEVATION
1	N 39° 50' 36.90"	W 89° 40' 04.71"	584'	25'	609'
2	N 39° 50' 36.45"	W 89° 40' 03.94"	584'	25'	609'
5	N 39° 50' 34.75"	W 89° 40' 06.77"	585'	25'	610'
6	N 39° 50' 34.31"	W 89° 40' 06.00"	585'	25'	610'
60	N 39° 50' 41.42"	W 89° 40' 09.97"	585'	25'	610'
61	N 39° 50' 40.68"	W 89° 40' 08.66"	585'	25'	610'
62	N 39° 50' 37.10"	W 89° 40' 09.72"	586'	25'	611'
63	N 39° 50' 34.50"	W 89° 40' 12.34"	588'	25'	613'
64	N 39° 50' 36.33"	W 89° 40' 15.53"	589'	25'	614'
65	N 39° 50' 40.31"	W 89° 40' 18.71"	590'	25'	615'
66	N 39° 50' 40.78"	W 89° 40' 18.25"	588'	25'	613'



KNIGHT
Engineers & Architects

USER NAME = jcowley
DESIGNED JSA
DRAWN MAL
CHECKED
DATE 8/18/2017
PLOT DATE = 3/16/2018




STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

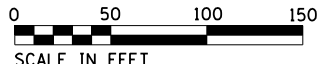
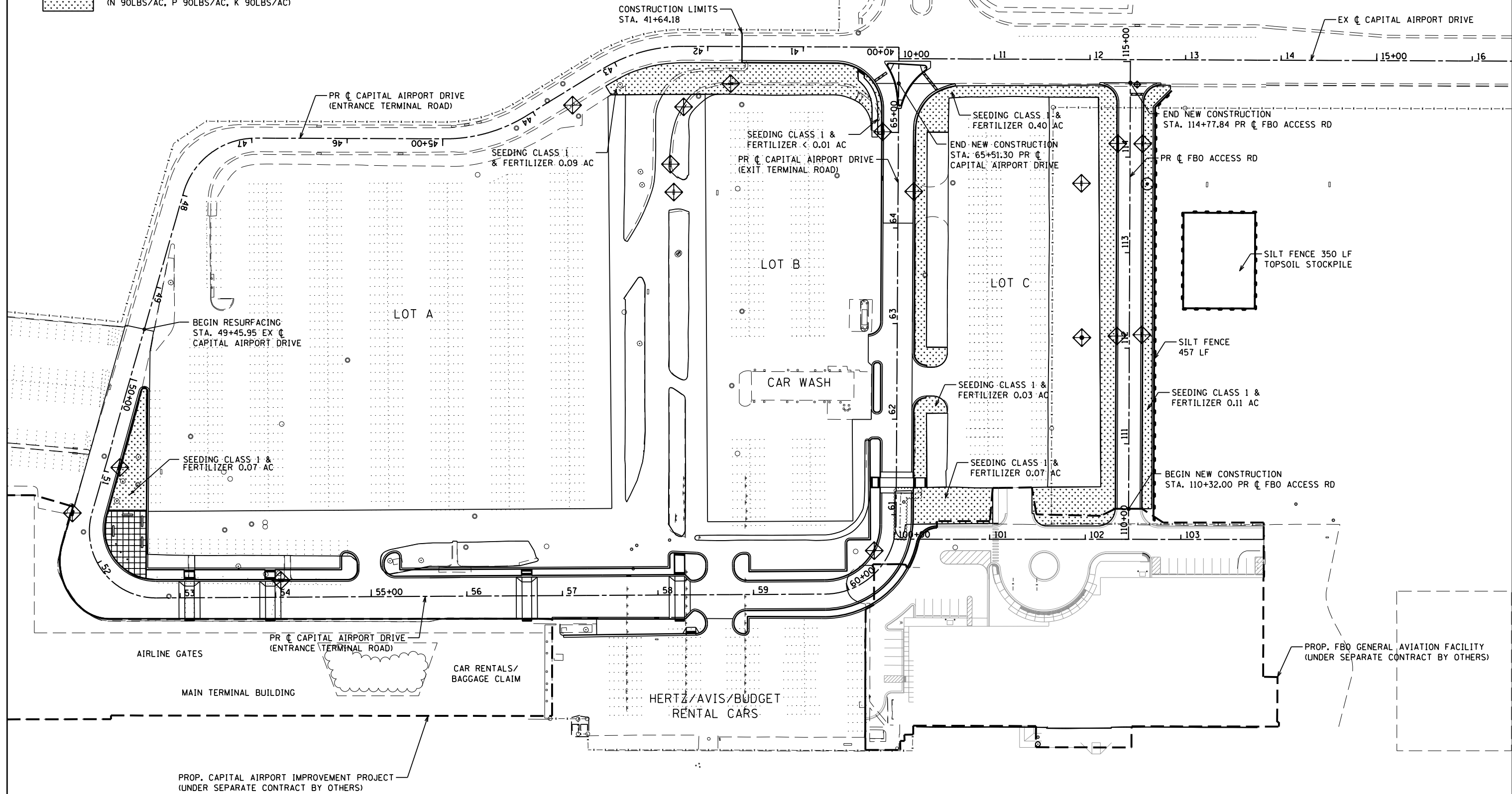
CONSTRUCTION SAFETY AND PHASING PLAN
PHASE 6

ABRAHAM LINCOLN
CAPITAL AIRPORT
SPRINGFIELD AIRPORT AUTHORITY

TOTAL SHEETS 75
SHEET NO. 29
IL. PROJ. SPI-4635

EROSION CONTROL & SEEDING LEGEND

-  DROP INLET FILTER
-  SILT FENCE
-  SEEDING CLASS 1 & FERTILIZER
(N 90LBS/AC, P 90LBS/AC, K 90LBS/AC)



USER NAME = jcowley	DESIGNED	REVISED -
	DRAWN	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

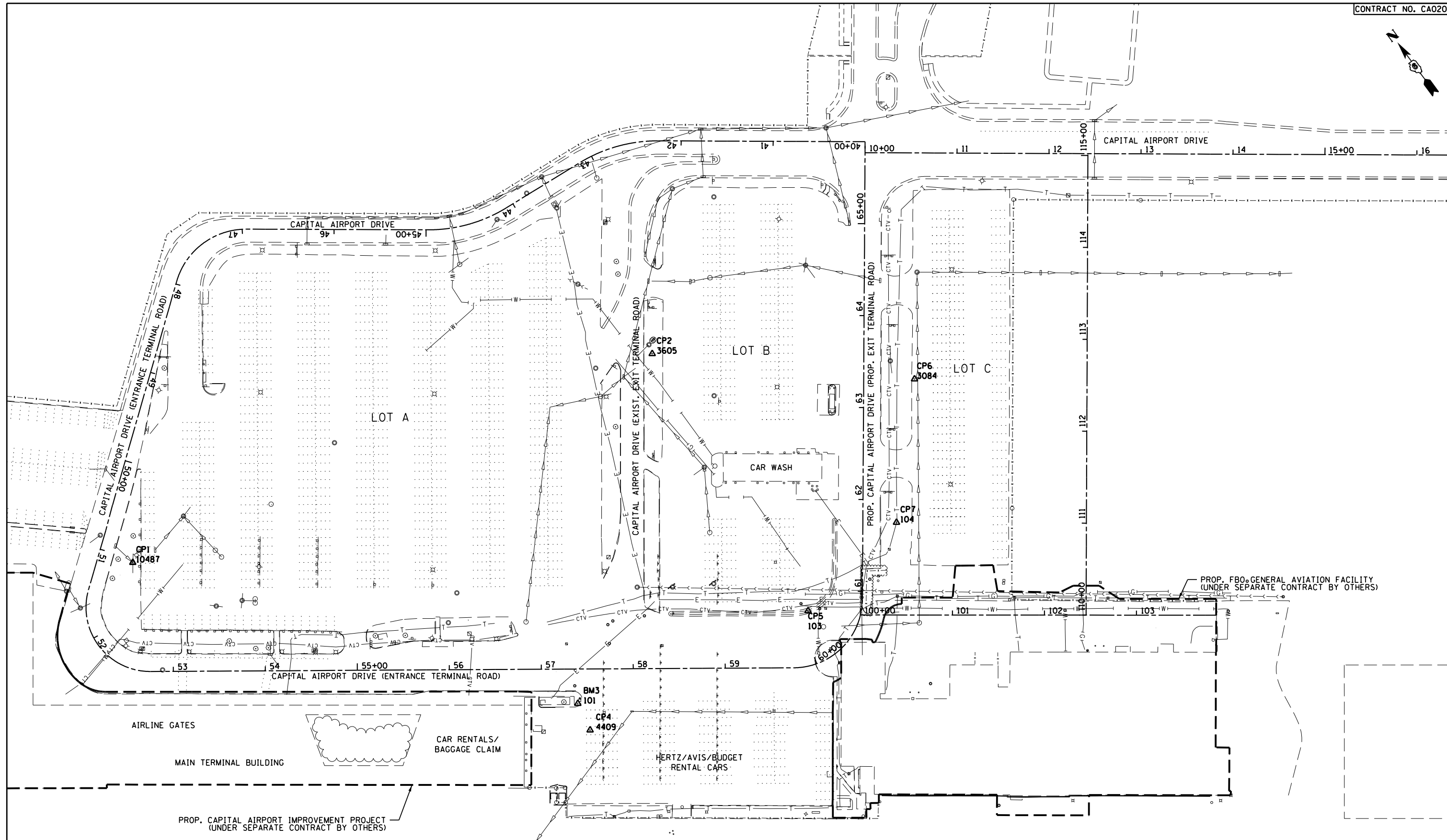
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN



TOTAL SHEETS	SHEET NO.
75	30
IL. PROJ. SPI-4635	

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PROP. FBO GENERAL AVIATION FACILITY
(UNDER SEPARATE CONTRACT BY OTHERS)

PROP. CAPITAL AIRPORT IMPROVEMENT PROJECT
(UNDER SEPARATE CONTRACT BY OTHERS)

FOR INFORMATION ONLY



KNIGHT
Engineers & Architects

USER NAME = jcowley
DESIGNED
DRAWN
CHECKED
PLOT DATE = 3/16/2018
DATE

DESIGNED
DRAWN
CHECKED
DATE

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING UTILITIES



TOTAL SHEETS	SHEET NO.
75	31
IL. PROJ. SPI-4635	

CAPITAL AIRPORT DRIVE

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	STRUCTURE TYPE	FRAME AND GRATE OR LID	RIM ELEV.	INVERT							
							NW	N	NE	E	SE	S	SW	W
CA01	CAPITAL AIRPORT DRIVE	50+92	14.67 LT	EXISTING TO REMAIN	EXISTING TO BE ADJUSTED	587.54					582.66			
CA02	CAPITAL AIRPORT DRIVE	51+50	19.84 RT	EXISTING TO REMAIN	EXISTING TO BE ADJUSTED	587.63							584.93	
CA03	CAPITAL AIRPORT DRIVE	54+05	18.43 LT	EXISTING TO REMAIN	EXISTING TO BE ADJUSTED	587.92			584.75			584.95		
CA04	CAPITAL AIRPORT DRIVE	57+69	20.67 LT	INLET TYPE A	TYPE 3	587.30	584.69							
PO1	CAPITAL AIRPORT DRIVE	56+84	51.59 LT	EXISTING TO REMAIN	EXISTING TO REMAIN	586.84			583.61		583.78			
CA05	CAPITAL AIRPORT DRIVE	57+98	23.94 RT	INLET TYPE A	TYPE 3	587.37							584.38	
PO9	CAPITAL AIRPORT DRIVE	57+98	46.36 RT	EXISTING TO REMAIN	EXISTING TO REMAIN	587.06			584.16		584.21			584.16
PO8	CAPITAL AIRPORT DRIVE	60+36	30.44 LT	REMOVE	REMOVE	586.74					584.32			
CA06	CAPITAL AIRPORT DRIVE	60+54	15.12 LT	INLET TYPE A	TYPE 3	586.69					584.13			
P10	CAPITAL AIRPORT DRIVE	63+51	28.80 RT	EXISTING TO REMAIN	EXISTING TO BE ADJUSTED	585.15		580.39				580.49		
CA07	CAPITAL AIRPORT DRIVE	64+38	17.27 RT	EXISTING TO REMAIN	TYPE 3	583.90	581.52							
CA08	CAPITAL AIRPORT DRIVE	64+52	15.62 LT	INLET TYPE A	TYPE 3	583.89			579.83					
CA09	CAPITAL AIRPORT DRIVE	65+01	16.50 LT	EXISTING TO REMAIN	EXISTING TO BE ADJUSTED	584.40			577.83				579.38	
PO7	CAPITAL AIRPORT DRIVE	41+76	38.80 LT	EXISTING TO REMAIN	TYPE 1 CLOSED LID	585.79	577.94		577.79					

FBO ACCESS ROAD

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	STRUCTURE TYPE	FRAME AND GRATE OR LID	RIM ELEV.	INVERT							
							NW	N	NE	E	SE	S	SW	W
P11	FBO ACCESS ROAD	112+11	49.71 LT	INLET TYPE A	TYPE 1 OPEN LID	584.90					581.06			
A01	FBO ACCESS ROAD	112+13	13.50 LT	MANHOLE TYPE A 4'	TYPE 3	585.43	580.20				580.20			
A02	FBO ACCESS ROAD	112+14	13.50 RT	MANHOLE TYPE A 4'	TYPE 3	585.43	580.00		580.00					
A04	FBO ACCESS ROAD	114+14	13.50 LT	INLET TYPE A	TYPE 3	584.55					578.89			
A05	FBO ACCESS ROAD	114+14	13.50 RT	MANHOLE TYPE A 4'	TYPE 3	584.55	578.67				578.67			
A03	FBO ACCESS ROAD	113+72	18.08 RT	MANHOLE TYPE A 4'	TYPE 1 CLOSED LID	585.10	577.94		578.29		577.94		579.29	
P12	FBO ACCESS ROAD	113+72	50.73 LT	EXISTING TO REMAIN	TYPE 1 OPEN LID	584.12	578.47				578.27			
A06	FBO ACCESS ROAD	114+75	07.18 RT	EXISTING TO REMAIN	TYPE 9	584.89			581.24					

PARKING LOT B

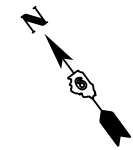
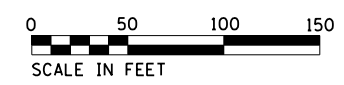
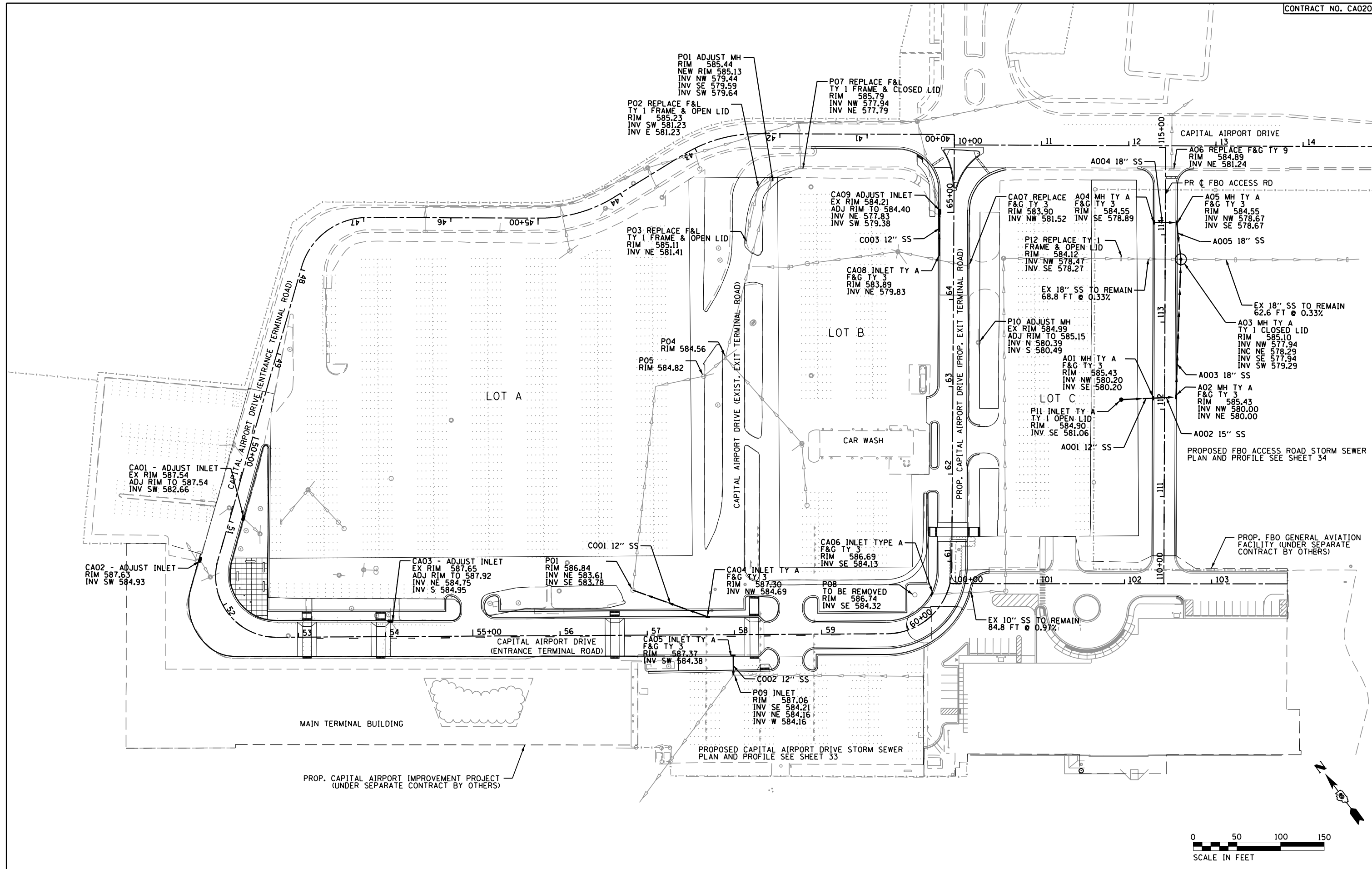
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							NW	N	NE	E	SE	S	SW	W
PO1	CAPITAL AIRPORT DRIVE	42+09	52.10 LT	EXISTING TO REMAIN	ADJUST LID RIM	585.13	579.44					579.59		579.64
PO2	CAPITAL AIRPORT DRIVE	42+25	63.36 LT	EXISTING TO REMAIN	TYPE 1 OPEN LID	585.23				581.23			581.23	
PO3	CAPITAL AIRPORT DRIVE	42+79	123.45 LT	EXISTING TO REMAIN	TYPE 1 OPEN LID	585.11			581.41					
PO4	CAPITAL AIRPORT DRIVE	65+32	260.99 LT	EXISTING TO REMAIN	EXISTING TO REMAIN	584.56			580.84	581.06		581.06	580.86	
PO5	CAPITAL AIRPORT DRIVE	63+11	285.74 LT	EXISTING TO REMAIN	EXISTING TO REMAIN	584.82	581.47				581.47			

PIPE SCHEDULE CAPITAL AIRPORT DRIVE

PIPE NUMBER	TYPE	SIZE (INCH)	LENGTH (FOOT)	SLOPE
CO01	STORM SEW CL A 1	12	91.0	1.00%
CO02	STORM SEW CL A 1	12	21.6	1.00%
CO03	STORM SEW CL A 2	12	48.6	1.00%

PIPE SCHEDULE FBO ACCESS ROAD

PIPE NUMBER	TYPE	SIZE (INCH)	LENGTH (FOOT)	SLOPE
A001	STORM SEW CL A 2	12	36.7	2.63%
A002	STORM SEW CL A 2	15	26.1	0.90%
A003	STORM SEW CL A 2	18	157.8	0.46%
A004	STORM SEW CL A 2	18	25.9	1.00%
A005	STORM SEW CL A 2	18	42.3	1.00%

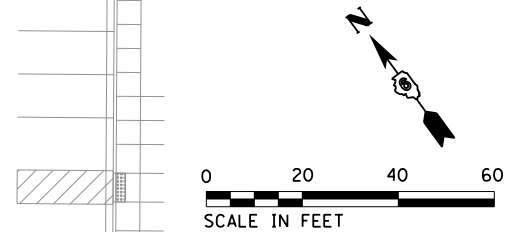
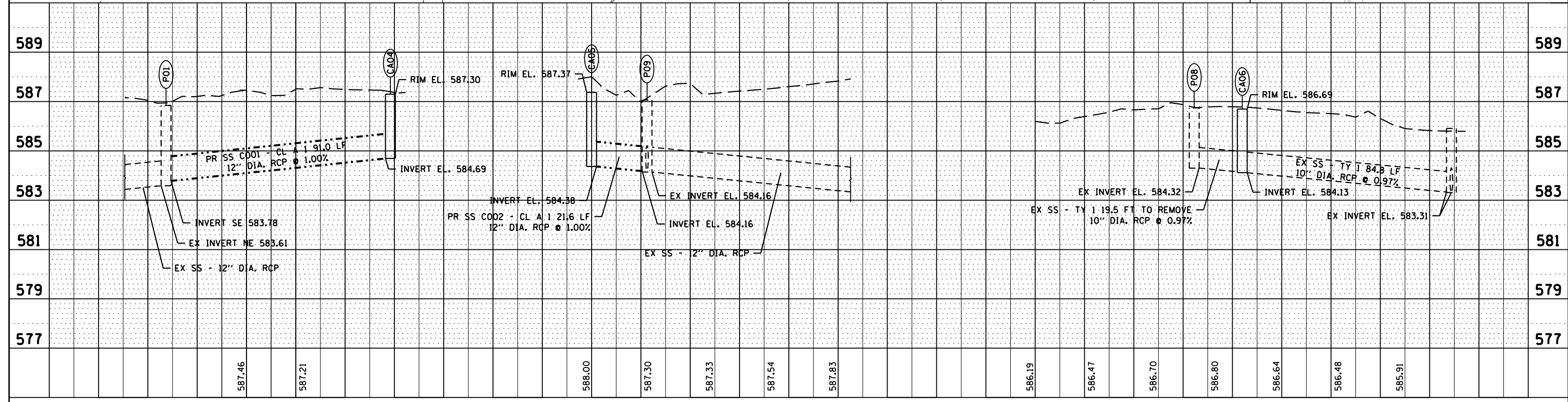
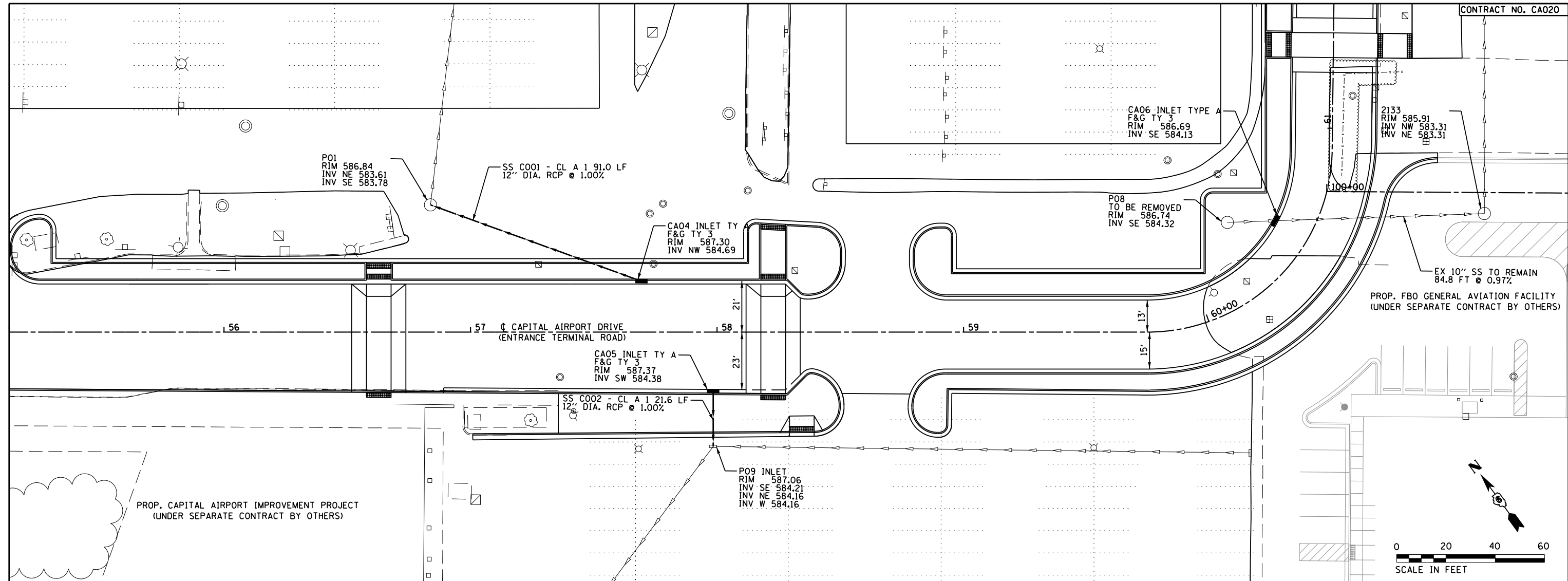


KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PLAN	 ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD AIRPORT AUTHORITY	TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -				75	33
		CHECKED	REVISED -					
	PLOT DATE = 3/16/2018	DATE	REVISED -					

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NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	ALIGNMENT	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE	
	NOTATIONS	
	CHFD	



KNIGHT
Engineers & Architects

USER NAME = jcowley
PLOT DATE = 3/16/2018

DESIGNED
DRAWN
CHECKED
DATE

REVISED -
REVISED -
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

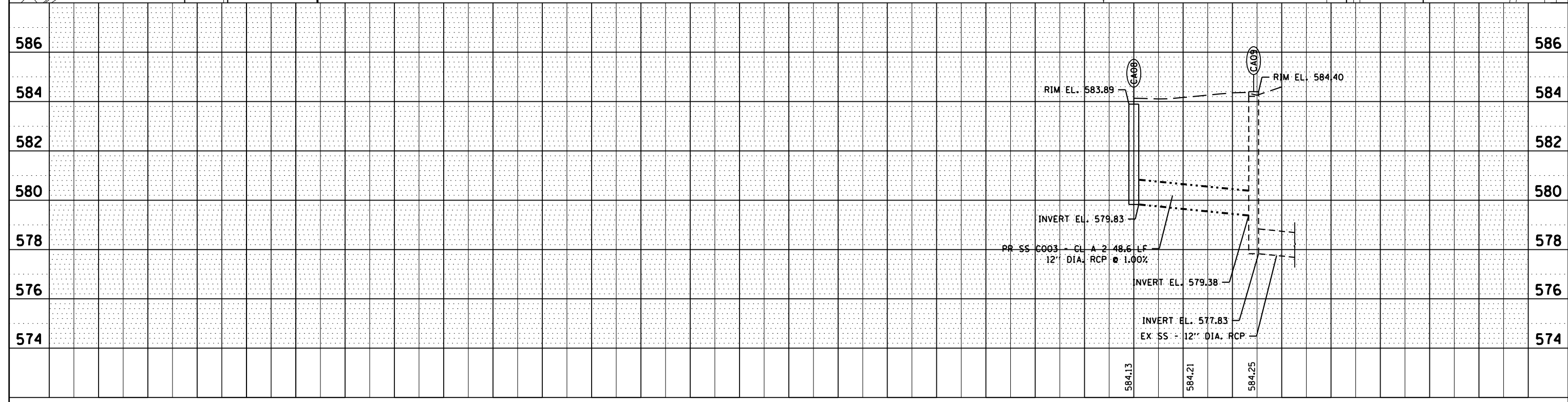
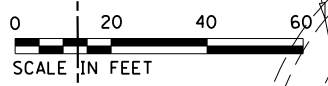
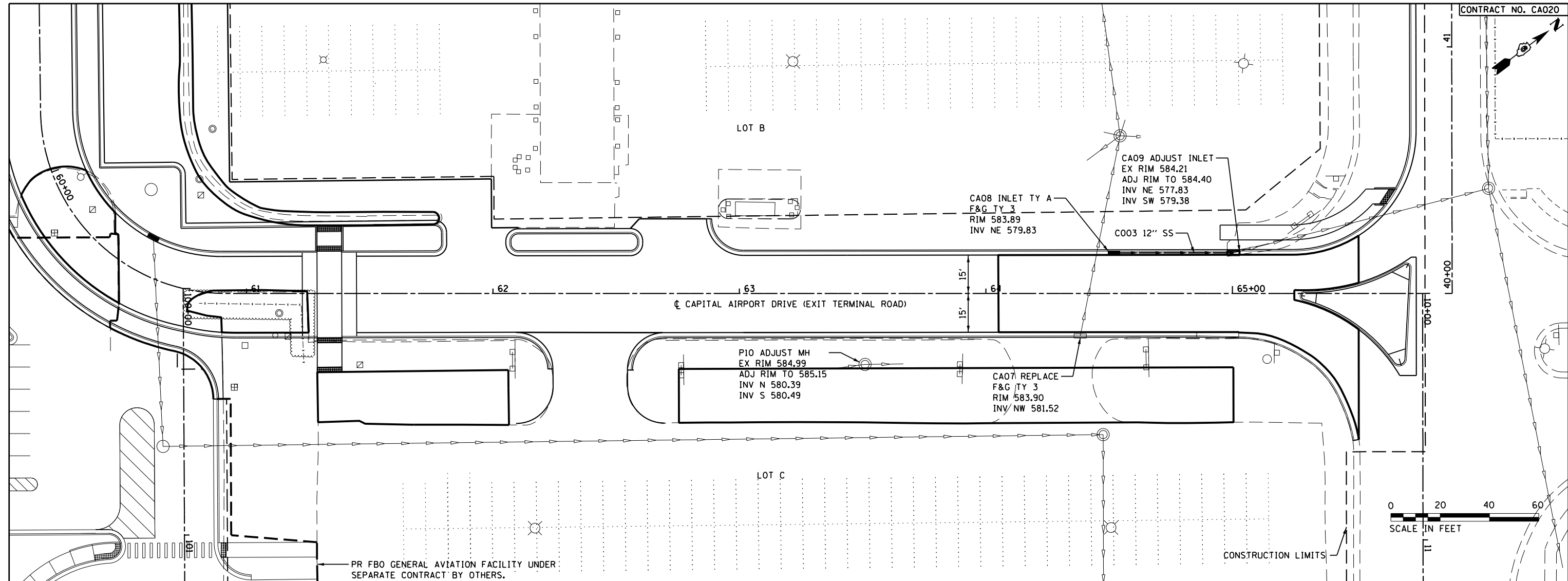
DRAINAGE PLAN AND PROFILE
CAPITAL AIRPORT DRIVE



TOTAL SHEETS 75
SHEET NO. 34
IL. PROJ. SPI-4635

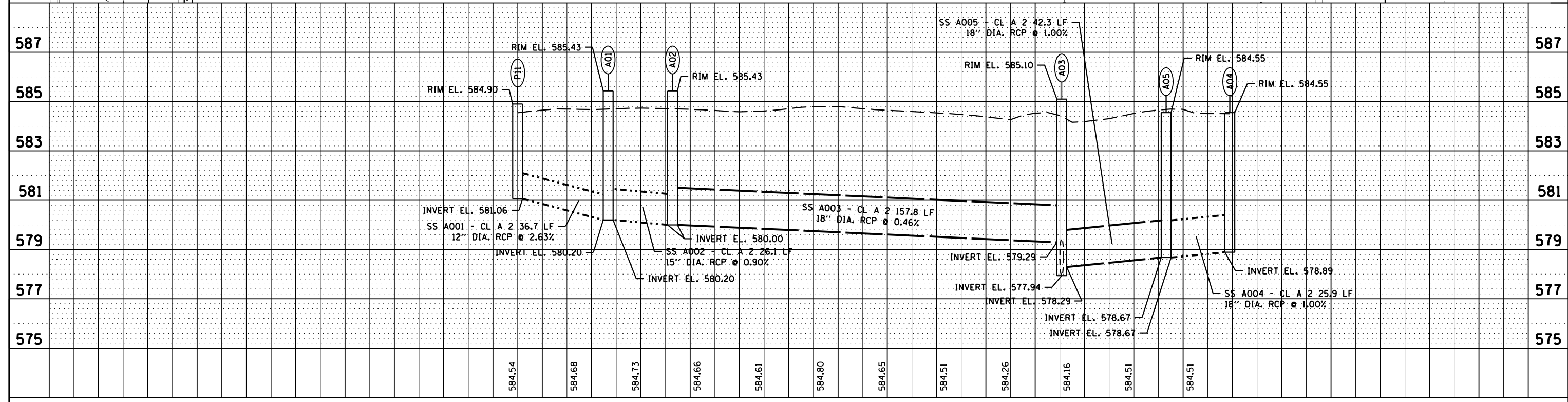
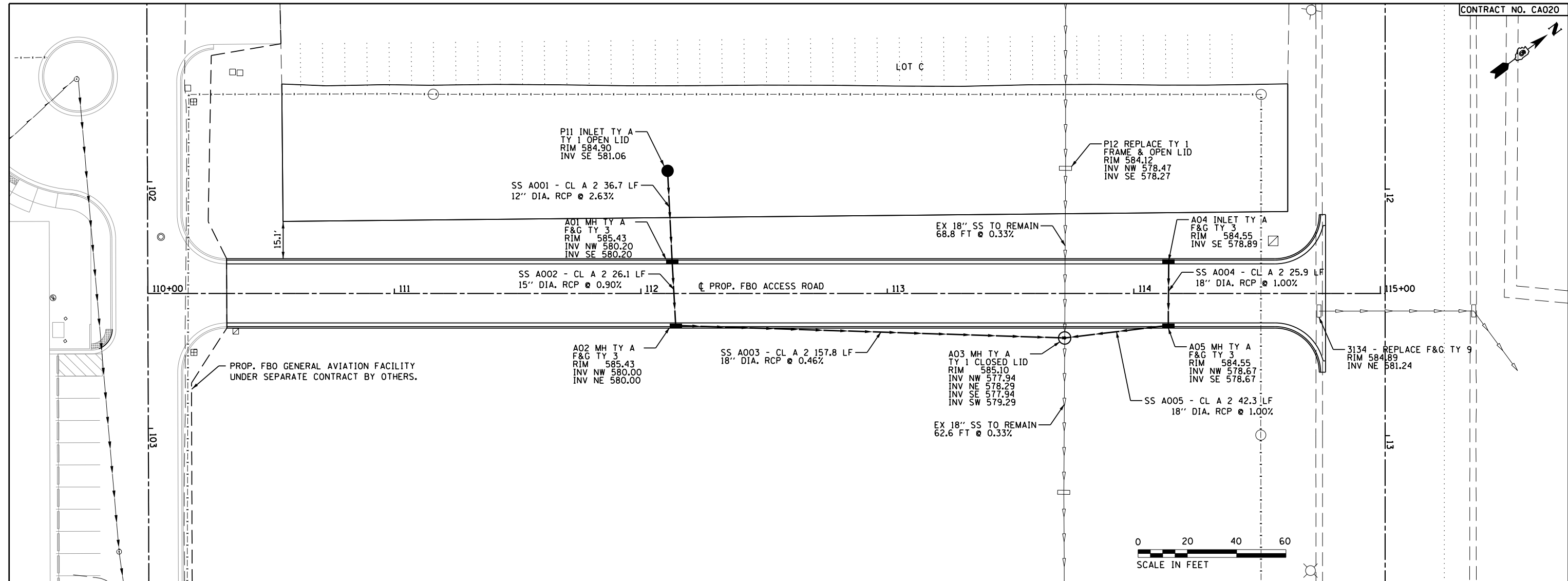
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	PLOTTED		
	CHECKED		
	ALIGNED		
	CAD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO.		



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	CADD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHPO		
	NO.		



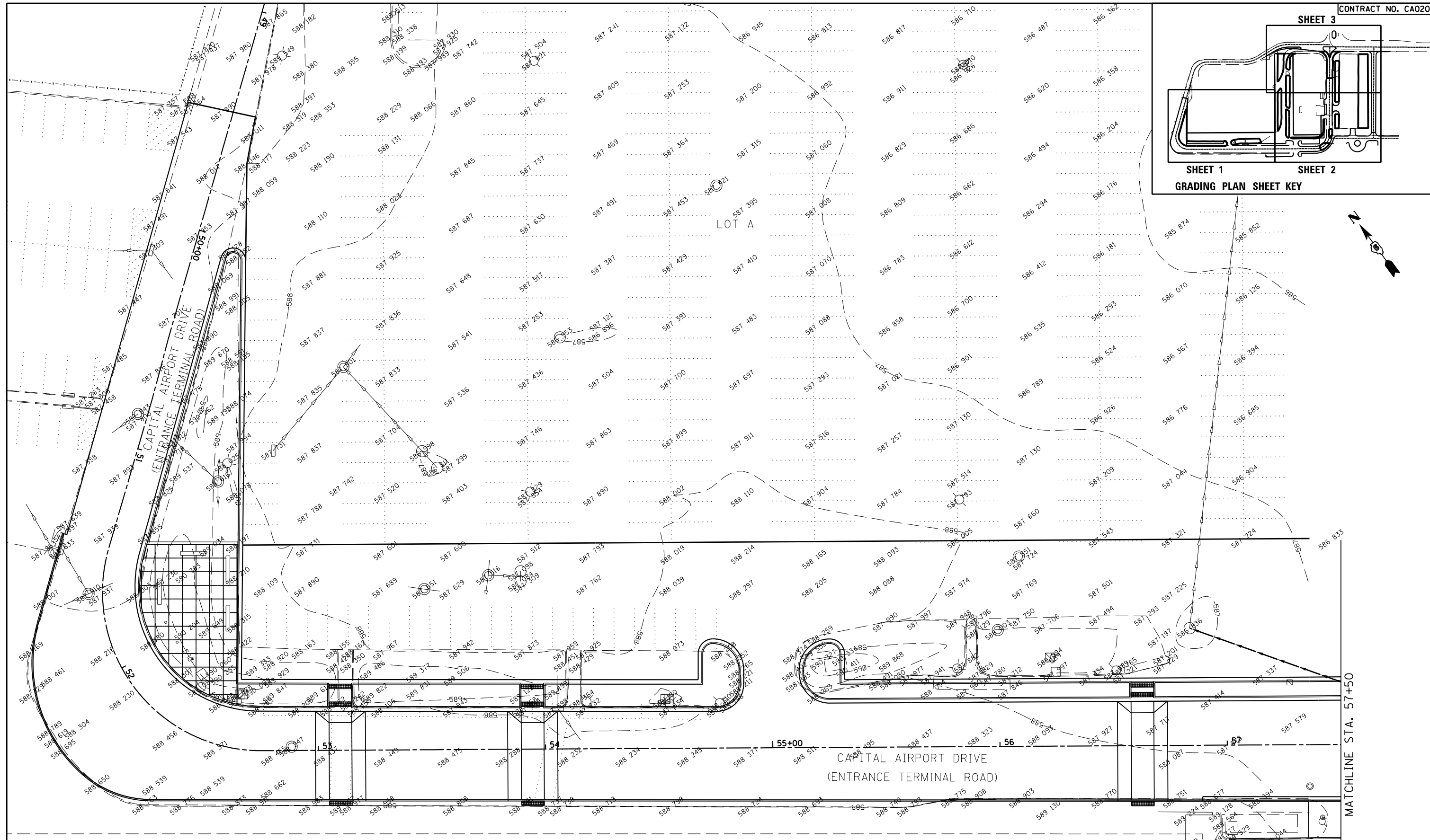
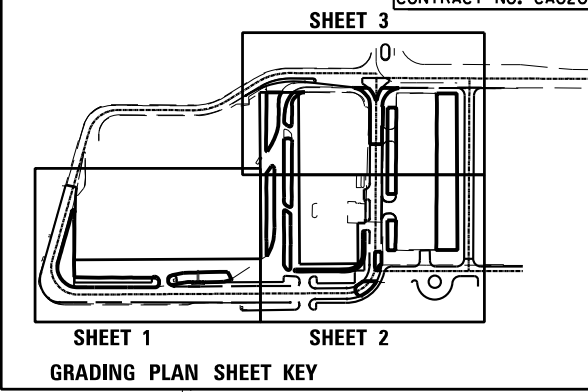
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	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

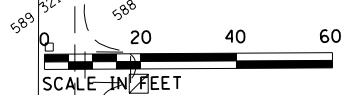
DRAINAGE PLAN AND PROFILE
FBO ACCESS ROAD



TOTAL SHEETS	SHEET NO.
75	36
IL. PROJ. SPI-4635	



FOR INFORMATION ONLY



KNIGHT
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PLOT DATE = 3/16/2018	DATE	REVISED -

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DEPARTMENT OF TRANSPORTATION

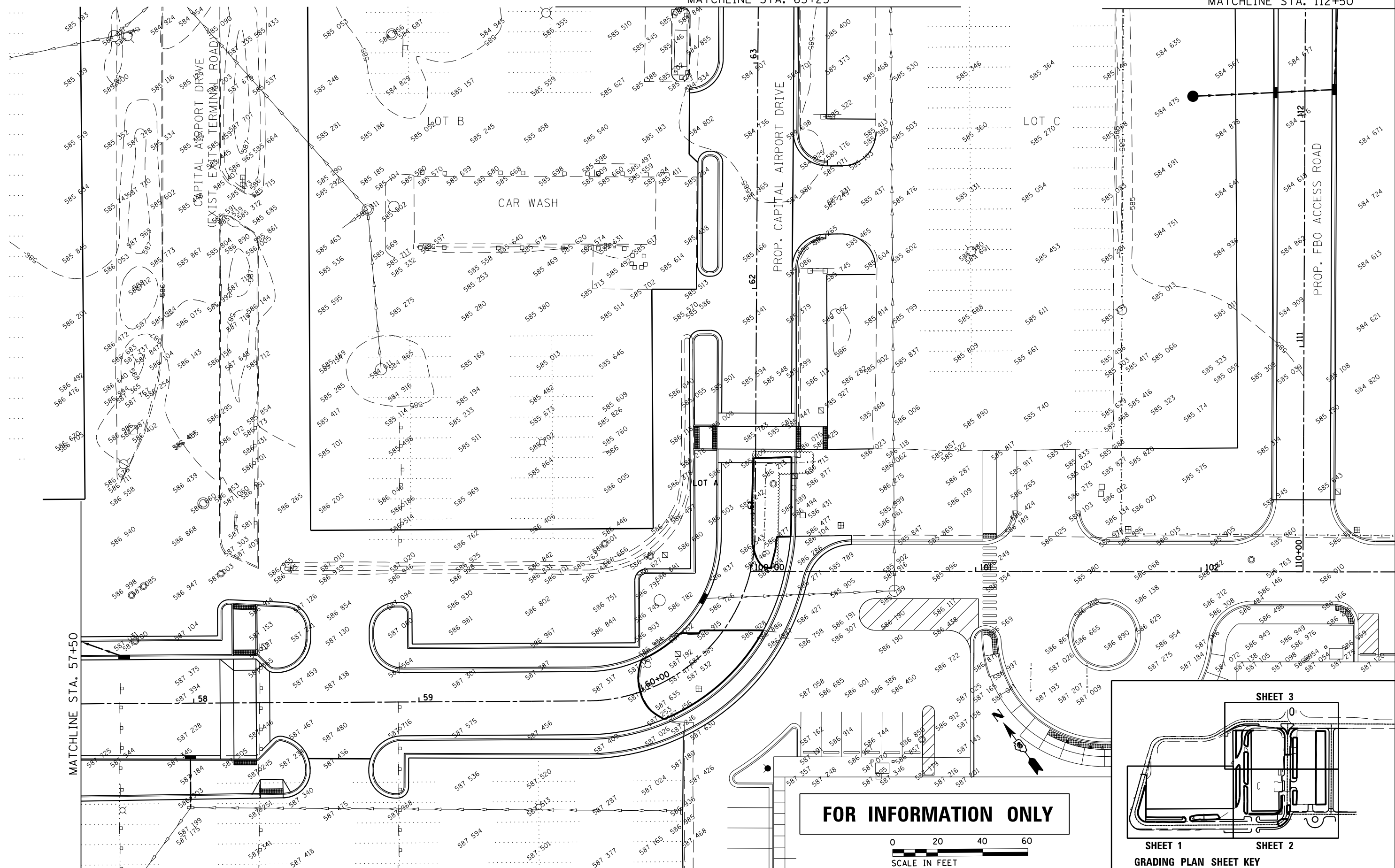
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ELEVATIONS - SHEET 1



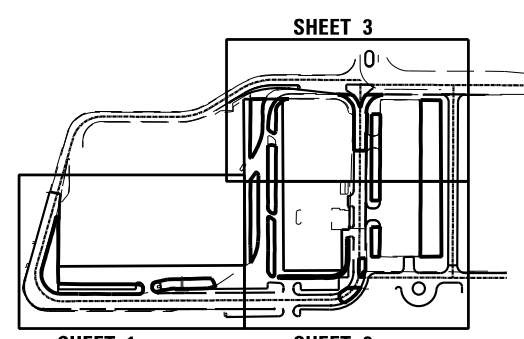
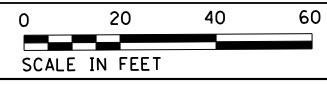
TOTAL SHEETS	SHEET NO.
75	37
IL. PROJ. SPI-4635	

MATCHLINE STA. 63+25

MATCHLINE STA. 112+50



FOR INFORMATION ONLY



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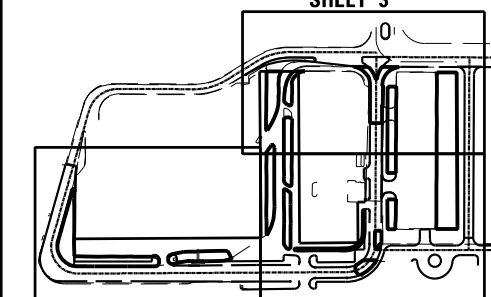
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

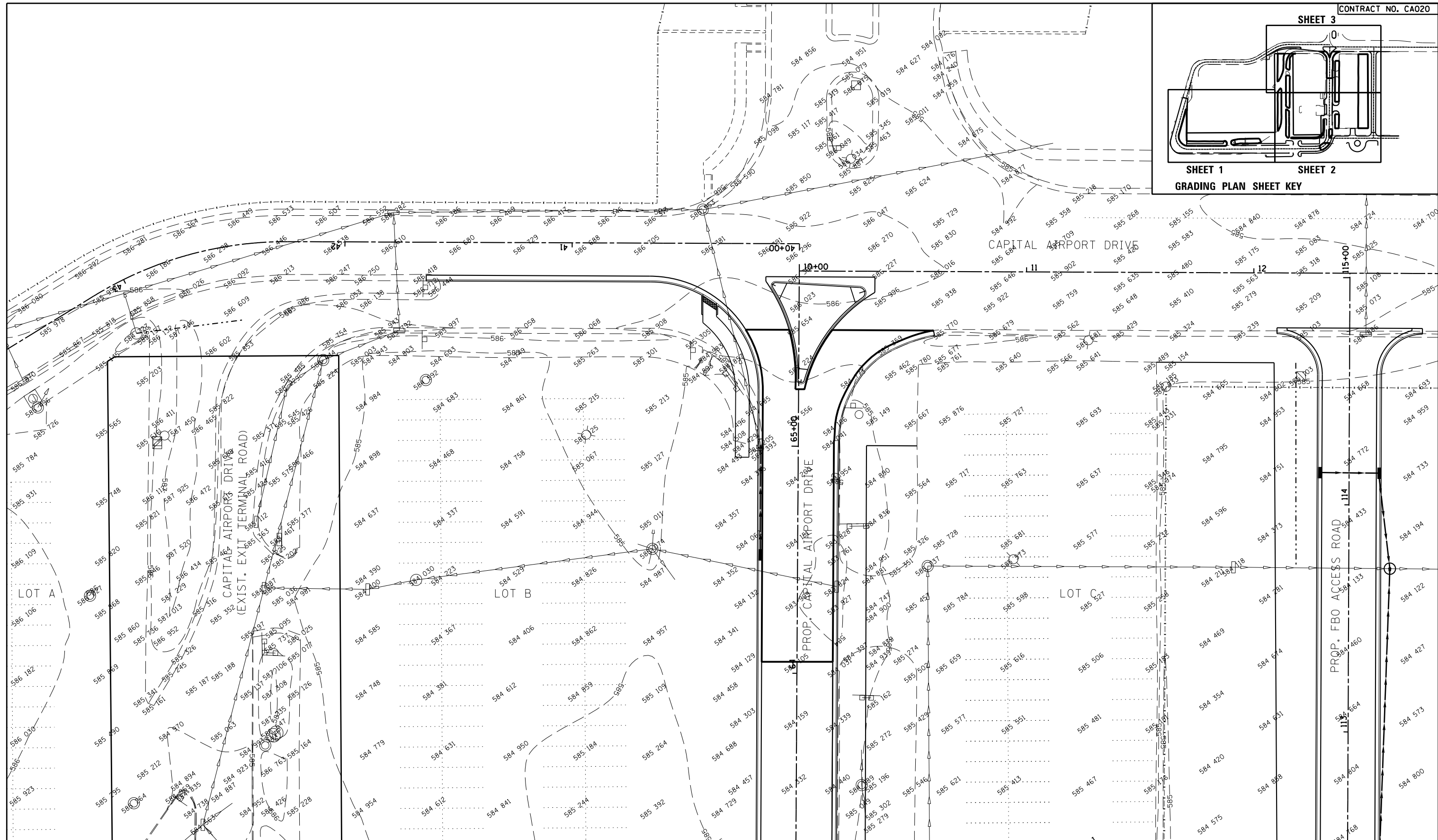
EXISTING SURFACE
ELEVATIONS - SHEET 2



TOTAL SHEETS	SHEET NO.
75	38
IL. PROJ. SPI-4635	

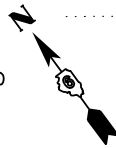


GRADING PLAN SHEET KEY



MATCHLINE STA 63+25

MATCHLINE STA 112+50



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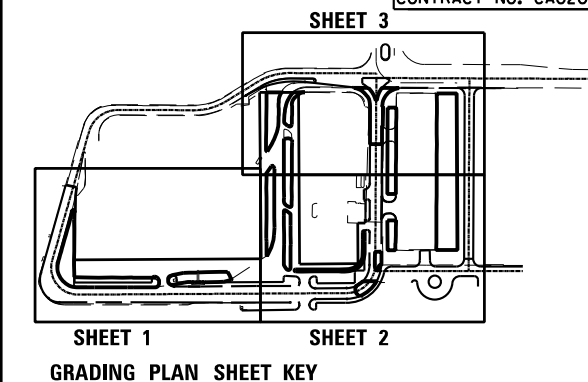
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PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SURFACE
ELEVATIONS - SHEET 3



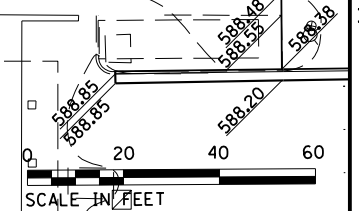
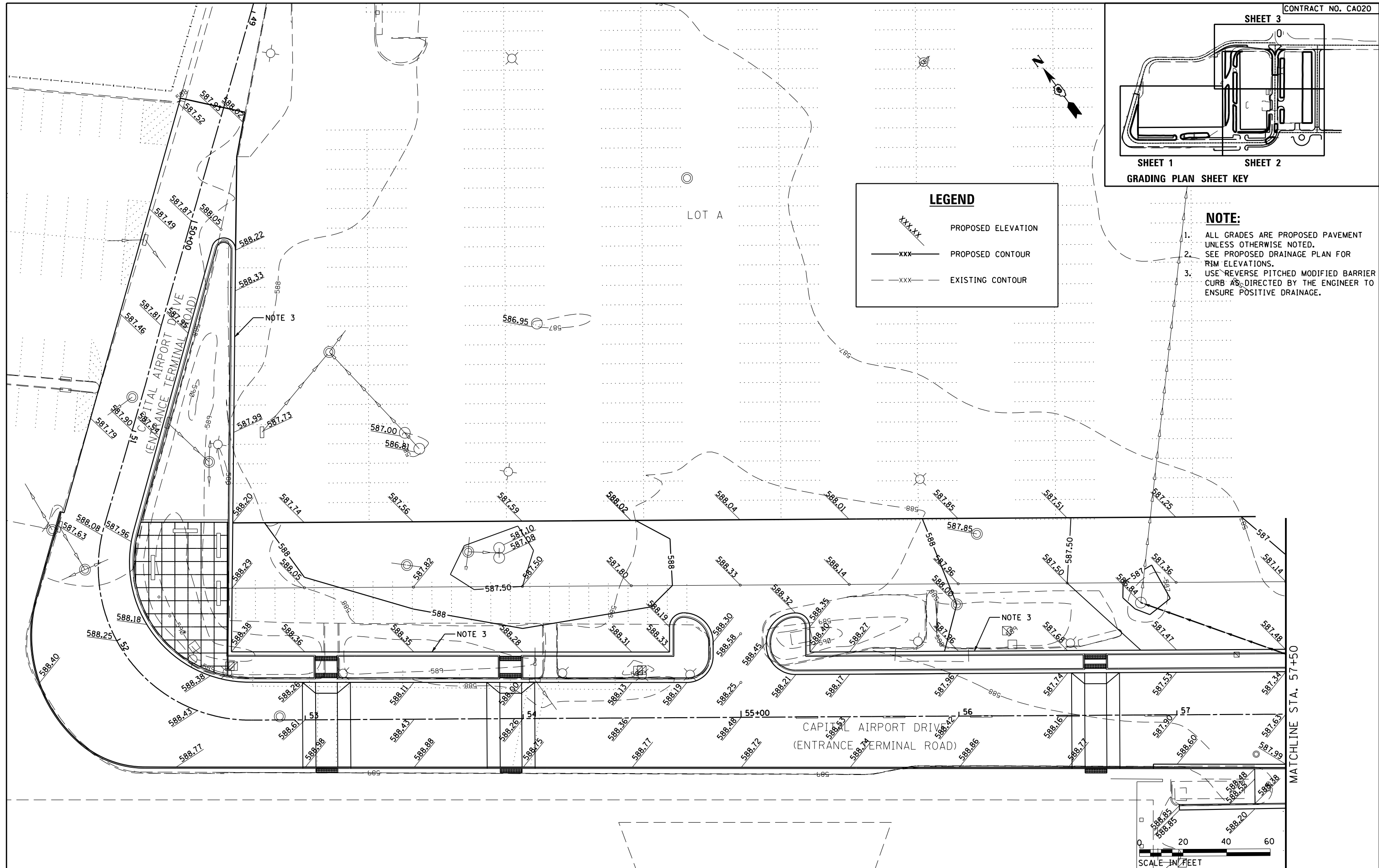
TOTAL SHEETS	SHEET NO.
75	39
IL. PROJ. SPI-4635	



LEGEND

- PROPOSED ELEVATION
- PROPOSED CONTOUR
- EXISTING CONTOUR

- NOTE:**
1. ALL GRADES ARE PROPOSED PAVEMENT UNLESS OTHERWISE NOTED.
 2. SEE PROPOSED DRAINAGE PLAN FOR RIM ELEVATIONS.
 3. USE REVERSE PITCHED MODIFIED BARRIER CURB AS DIRECTED BY THE ENGINEER TO ENSURE POSITIVE DRAINAGE.



KNIGHT
Engineers & Architects

USER NAME = jcowley	DESIGNED	REVISED -
	DRAWN	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

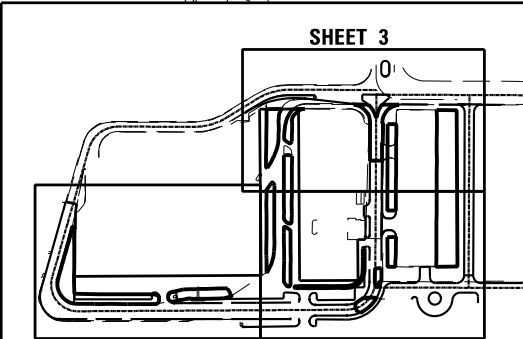
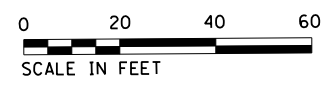
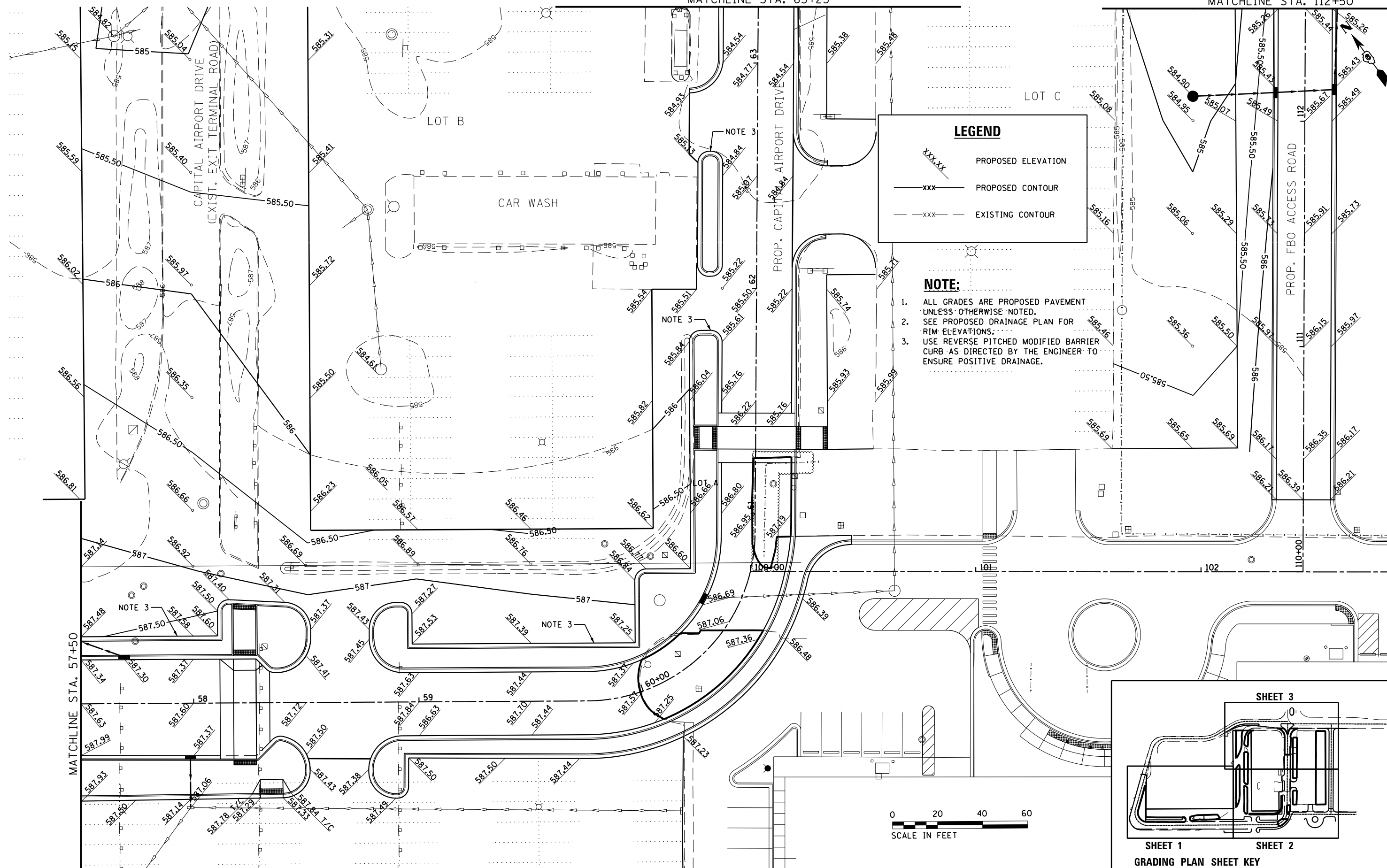
GRADING PLAN -
SHEET 1



TOTAL SHEETS	SHEET NO.
75	40
IL. PROJ. SPI-4635	

MATCHLINE STA. 63+25

MATCHLINE STA. 112+50



KNIGHT Engineers & Architects	USER NAME = jcwiley	DESIGNED	REVISED -
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		CHECKED	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING PLAN -
SHEET 2

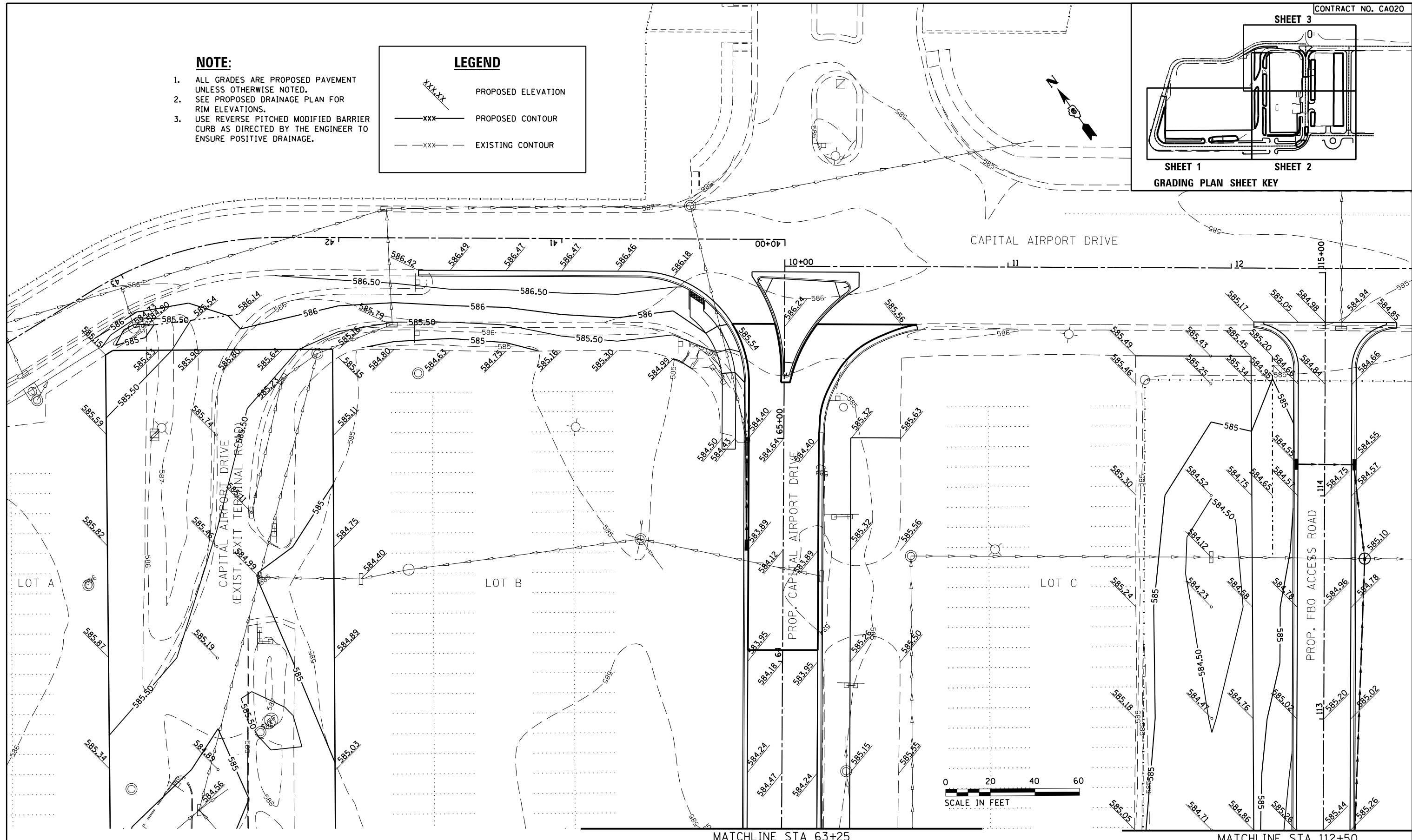
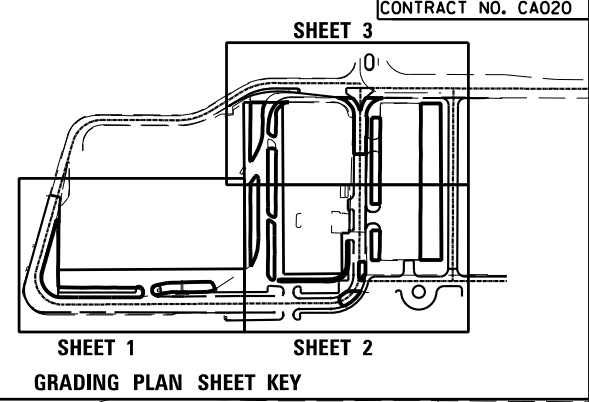
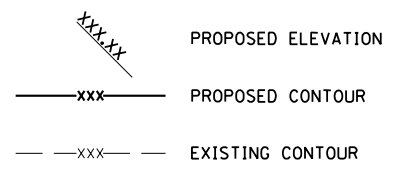


TOTAL SHEETS	SHEET NO.
75	41
IL. PROJ. SPI-4635	

NOTE:

1. ALL GRADES ARE PROPOSED PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE PROPOSED DRAINAGE PLAN FOR RIM ELEVATIONS.
3. USE REVERSE PITCHED MODIFIED BARRIER CURB AS DIRECTED BY THE ENGINEER TO ENSURE POSITIVE DRAINAGE.

LEGEND



MATCHLINE STA 63+25

MATCHLINE STA 112+50

KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GRADING PLAN - SHEET 3	ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD AIRPORT AUTHORITY	TOTAL SHEETS	SHEET NO.
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		CHECKED	REVISED -					
	PLOT DATE = 3/16/2018	DATE	REVISED -					
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UNIVERSITY OF ILLINOIS
EXTENSION BUILDING

HANGAR

NOTE: ALL EXISTING ELEVATIONS SHOWN ARE EXISTING SURFACE ELEVATIONS RELATIVE TO TOP OF CONCRETE FOUNDATION FOR LIGHT POLE NW OF ENTRANCE TO LLCC BUILDING. ELEVATIONS ARE SHOWN FOR REFERENCE. NEW GUTTER AND CONCRETE PAVEMENT SHOULD MATCH ADJACENT ELEVATIONS AND AS REQUIRED TO PROVIDE POSITIVE DRAINAGE.

CONSTRUCTION LIMITS

CONCRETE SURFACE TO REMAIN

LINCOLN LAND
COMMUNITY COLLEGE
PARKING LOT

AIRPORT BUILDING

BMI

MILLING LIMITS AT
LIMITS OF OLD HMA

NEW HMA
TO REMAIN

LLCC BUILDING

HANGAR

S AIRPORT DRIVE

S AIRPORT DRIVE

CONTROL POINT INFORMATION				
	DESCRIPTION	N	E	ELEV.
BMI	LOCAL BENCHMARK; TOP OF CONCRETE FOUNDATION FOR LIGHT POLE	1156348.9020	2437065.0962	100.000



KNIGHT
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USER NAME = jcowley
DESIGNED JSA
DRAWN MAL
CHECKED
DATE
PLOT DATE = 3/16/2018

REVISED -
REVISED -
REVISED -
REVISED -

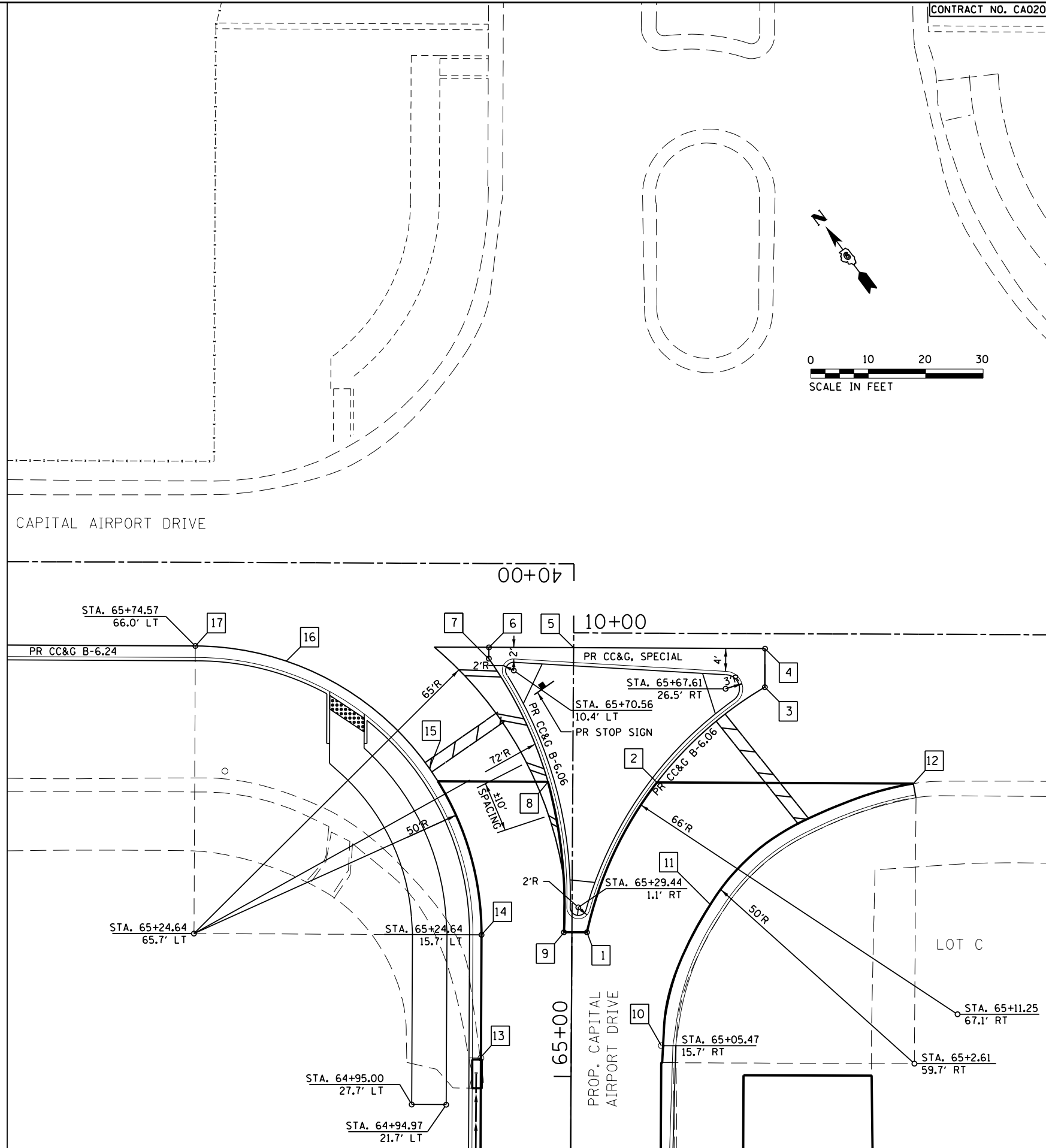
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRADING PLAN - SHEET 4
ALTERNATE 1 - LLCC PARKING LOT



TOTAL SHEETS 75
SHEET NO. 43
IL. PROJ. SPI-4635

POINT	STATION	OFFSET	ELEVATION
1	65+25.11	2.64' RT	585.11
2	65+51.24	14.63' RT	585.68
3	65+67.91	33.29' RT	586.03
4	65+76.61	33.29' RT	586.23
5	65+74.57	0.00'	586.33
6	65+74.55	14.73' LT	586.37
7	65+72.55	14.84' LT	586.35
8	65+51.24	4.32' LT	585.82
9	65+25.11	1.49' LT	585.11
10	65+05.47	15.67; RT	584.49
11	65+30.07	24.05' RT	584.50
12	65+51.30	59.22' RT	585.69
13	65+03.14	15.69' LT	584.40
14	65+24.64	15.67' LT	584.80
15	65+53.42	23.45' LT	585.59
16	64+71.94	49.96' LT	586.19
17	65+74.49	65.78' LT	586.36



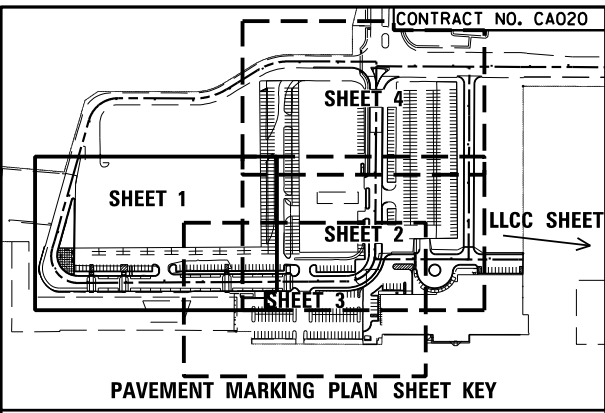
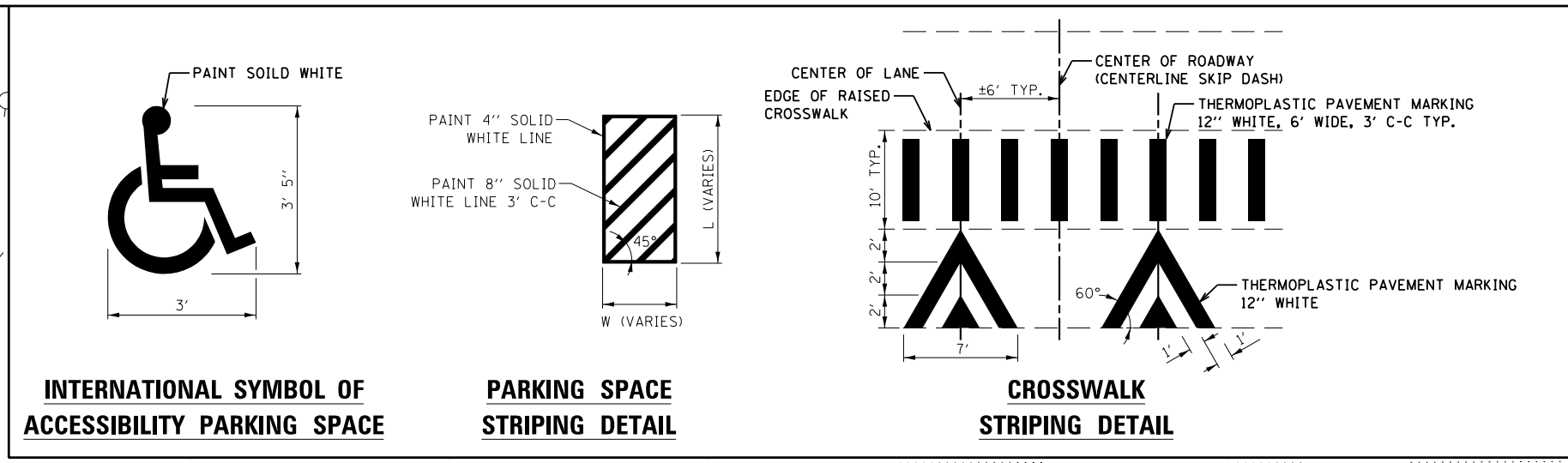
KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -
		DRAWN	REVISED -
		CHECKED	REVISED -
	PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION AND WIDENING DETAIL



TOTAL SHEETS	SHEET NO.
75	44
IL. PROJ. SPI-4635	

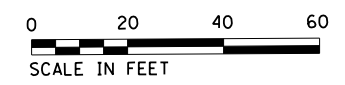
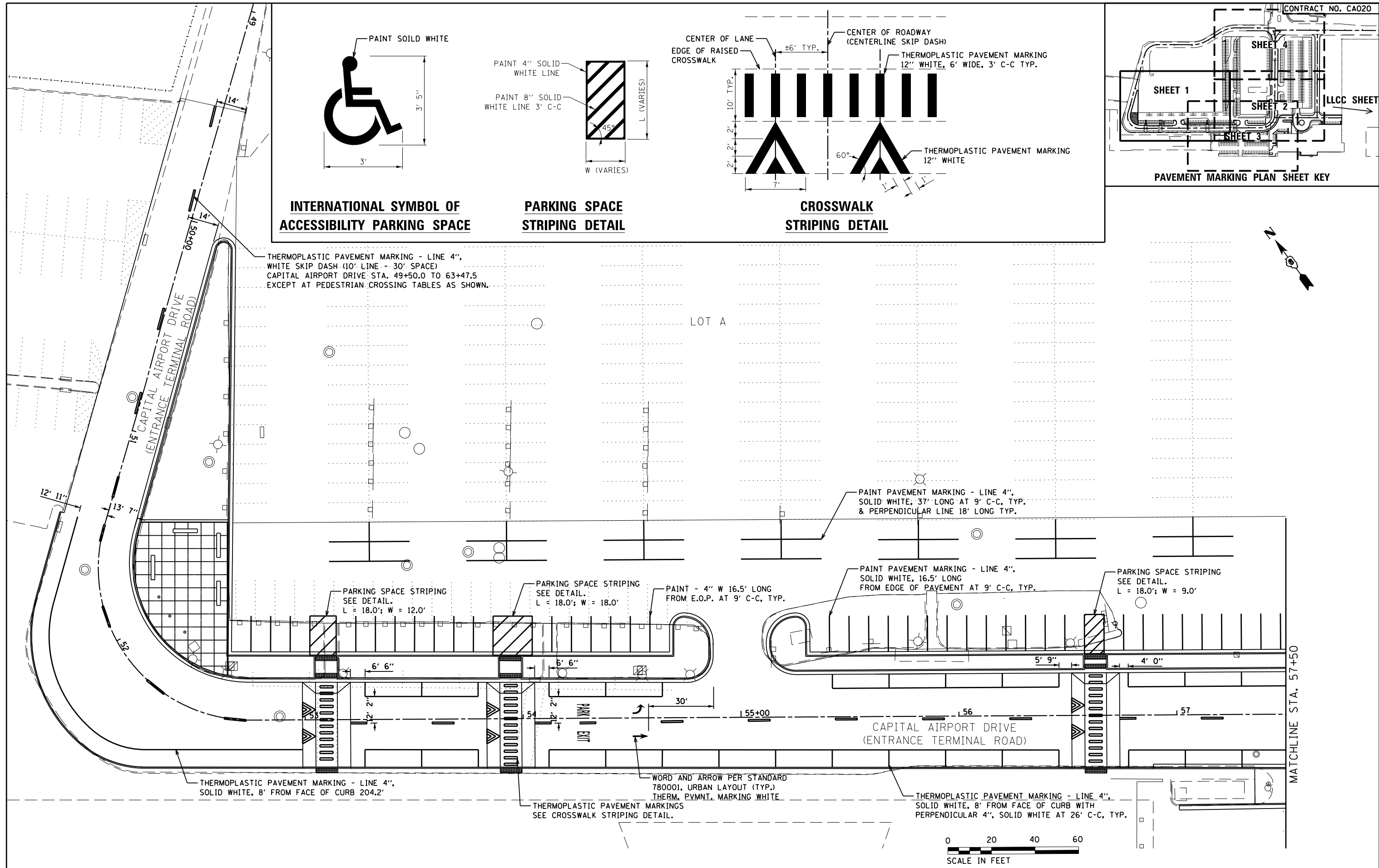


INTERNATIONAL SYMBOL OF ACCESSIBILITY PARKING SPACE

PARKING SPACE STRIPING DETAIL

CROSSWALK STRIPING DETAIL

THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP DASH (10' LINE - 30' SPACE) CAPITAL AIRPORT DRIVE STA. 49+50.0 TO 63+47.5 EXCEPT AT PEDESTRIAN CROSSING TABLES AS SHOWN.

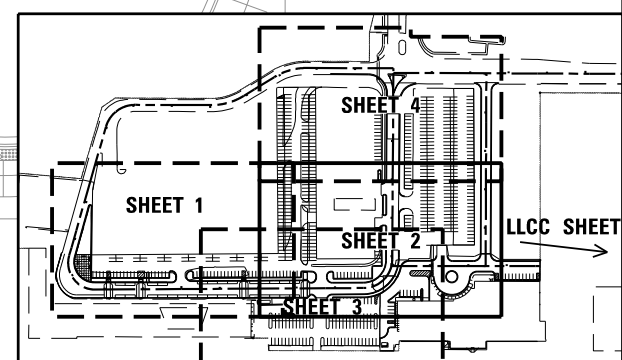
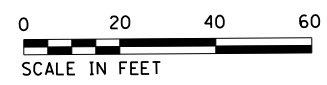
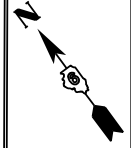
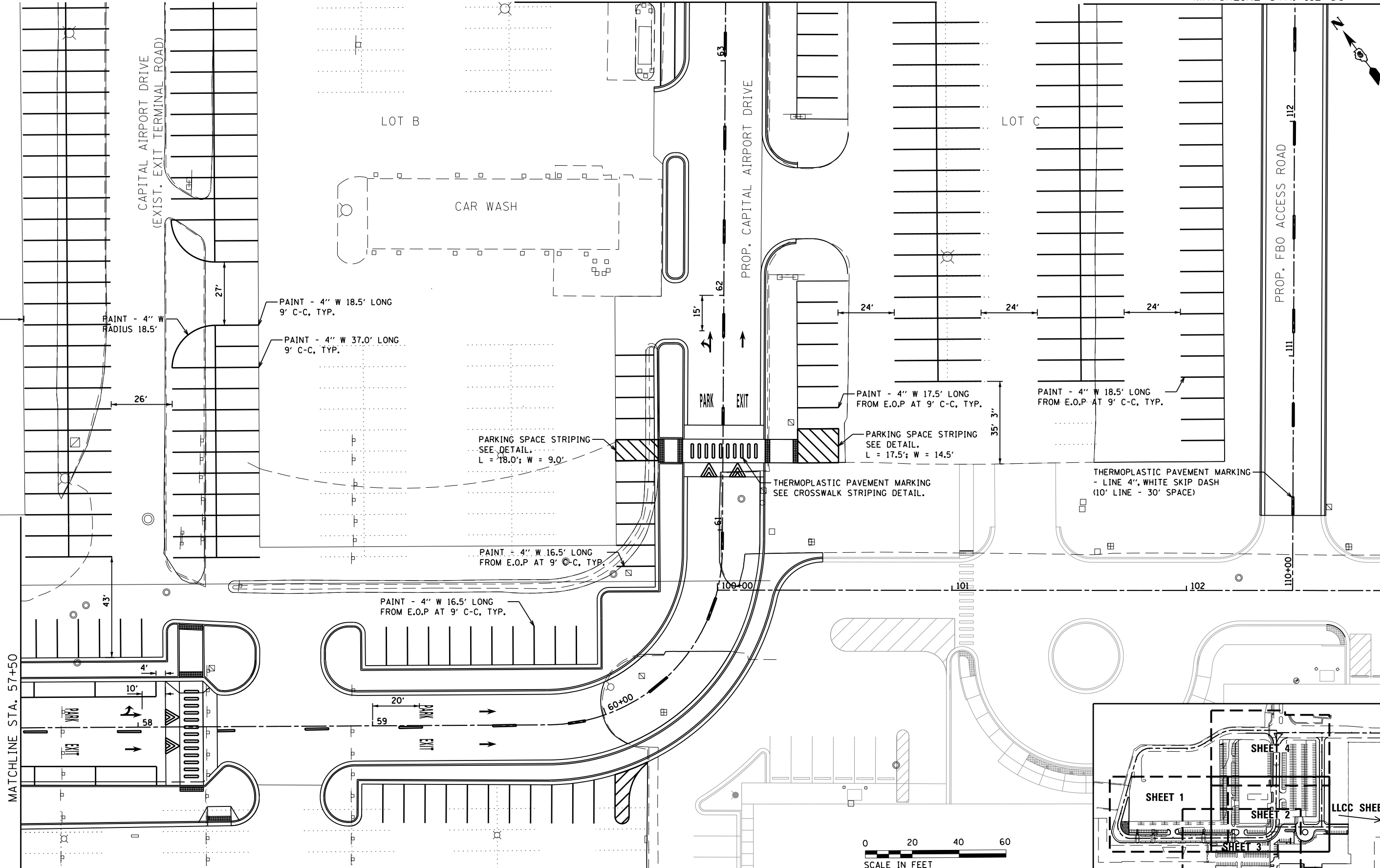


KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN SHEET 1	ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD AIRPORT AUTHORITY	TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -				75	45
		CHECKED	REVISED -					
	PLOT DATE = 3/16/2018	DATE	REVISED -				IL PROJ. SPI-4635	

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MATCHLINE STA. 63+25

MATCHLINE STA. 112+50



PAVEMENT MARKING PLAN SHEET KEY

KNIGHT
Engineers & Architects

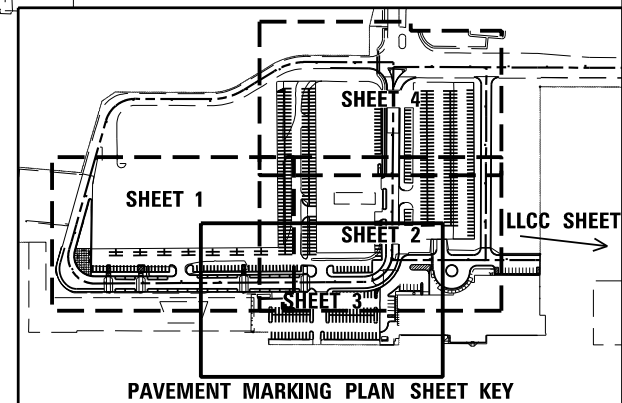
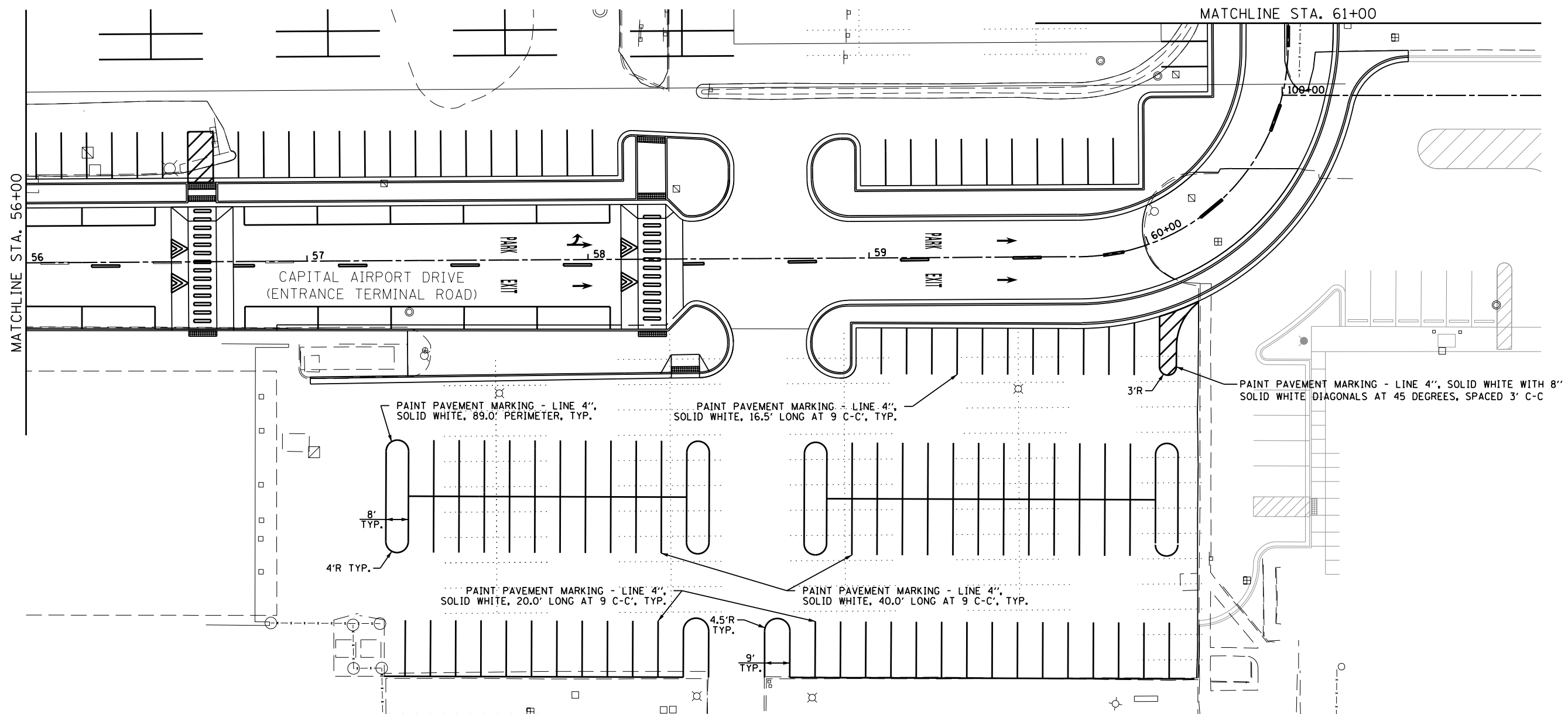
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	DRAWN	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
SHEET 2



TOTAL SHEETS	SHEET NO.
75	46
IL. PROJ. SPI-4635	



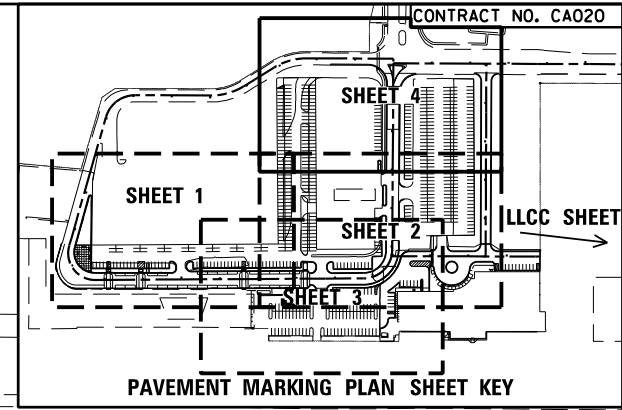
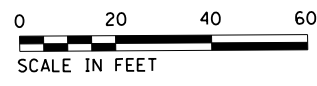
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		DRAWN	REVISED -
		CHECKED	REVISED -
	PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
SHEET 3



TOTAL SHEETS	SHEET NO.
75	47
IL. PROJ. SPI-4635	



THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE, TOTAL 78.2' LONG

THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE, 9.5' & 47.3' LONG

THERMOPLASTIC PAVEMENT MARKING DIAGONAL LINE 12", SOLID WHITE TOTAL LENGTH 18 LONG

CAPITAL AIRPORT DRIVE

THERMO. PVMNT. MARKING 24" W 13.8' LONG

THERMOPLASTIC PAVEMENT MARKING - LINE 24", SOLID WHITE, TOTAL 17.0' LONG

THERMO. PVMNT. MARKING 24" W 23.0' LONG

PAINT - 4" W 37' LONG AT 9' C-C, TYP.

THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID WHITE, 177.5' STA. 63+47.5 TO STA 6525.0

PAINT PAVEMENT MARKING - LINE 4", SOLID WHITE, 18.5' LONG AT 9' C-C ALONG LINE 4", SOLID WHITE 153.0' PARALLEL TO PARKING ISLE

STRIPED SIDEWALK: PAINT PAVEMENT MARKING - LINE 4", SOLID WHITE, LINES SPACED 6.0' C-C. TOTAL 412.0'

PAINT - 4" W 37' LONG AT 9' C-C, TYP.

PAINT - 4" W 17.5' LONG FROM E.O.P. AT 9' C-C, TYP.

THERMOPLASTIC PAVEMENT MARKING - LINE 4", WHITE SKIP DASH (10' LINE - 30' SPACE)

CAPITAL AIRPORT DRIVE (EXIST. TERMINAL EXIT ROAD)

PROP. CAPITAL AIRPORT DRIVE

PROP. FBO ACCESS ROAD

LOT A

LOT B

LOT C

TERMINAL PARKING

EXIT

STA. 63+47.5 CENTERLINE CHANGE FROM SKIP DASH TO SOLID WHITE

MATCHLINE STA 63+25

MATCHLINE STA 112+50

KNIGHT
Engineers & Architects

USER NAME = jcowley
DESIGNED
DRAWN
CHECKED
PLOT DATE = 3/16/2018
DATE

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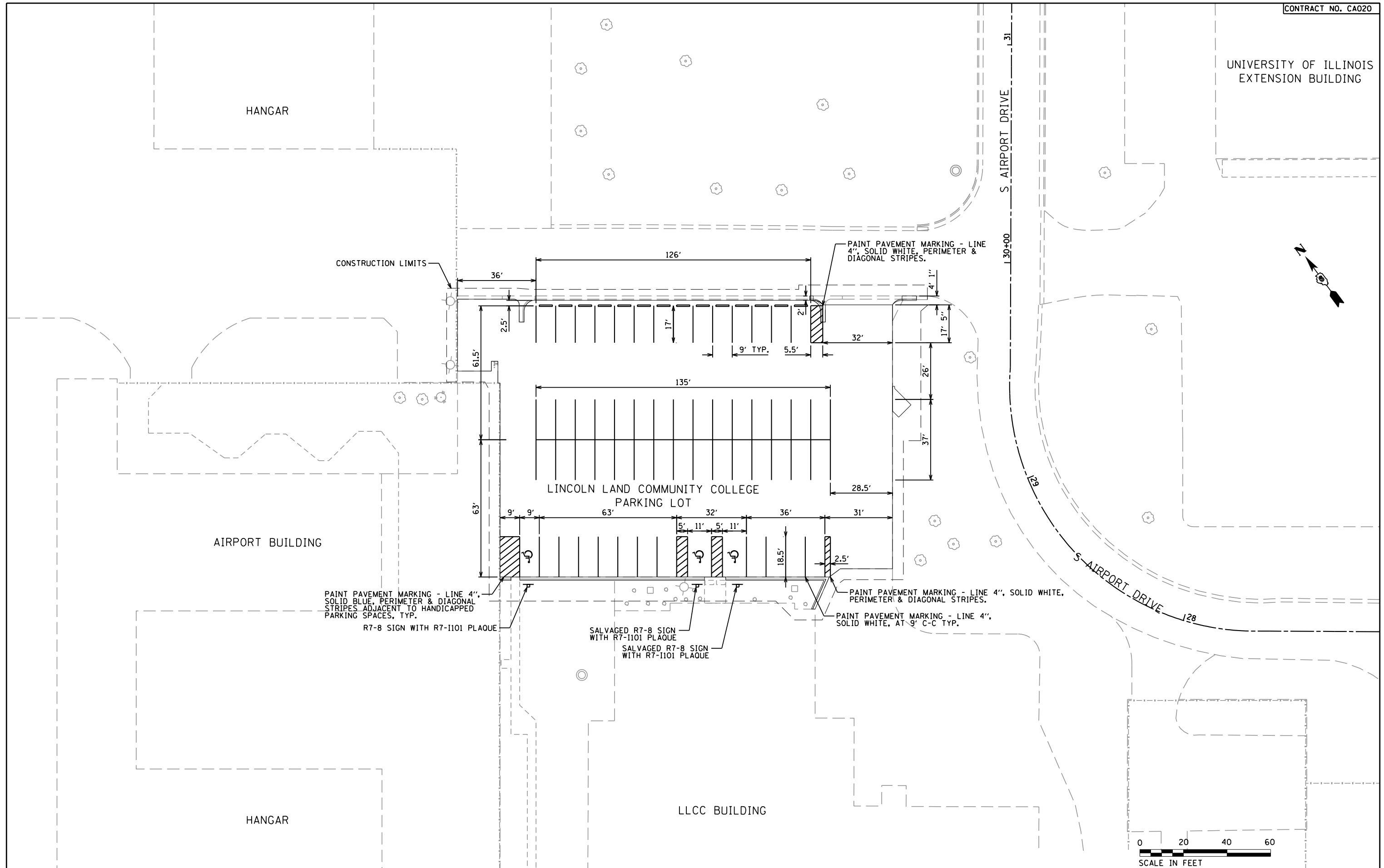
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
SHEET 4



TOTAL SHEETS 75
SHEET NO. 48
ILL. PROJ. SPI-4635

UNIVERSITY OF ILLINOIS
EXTENSION BUILDING



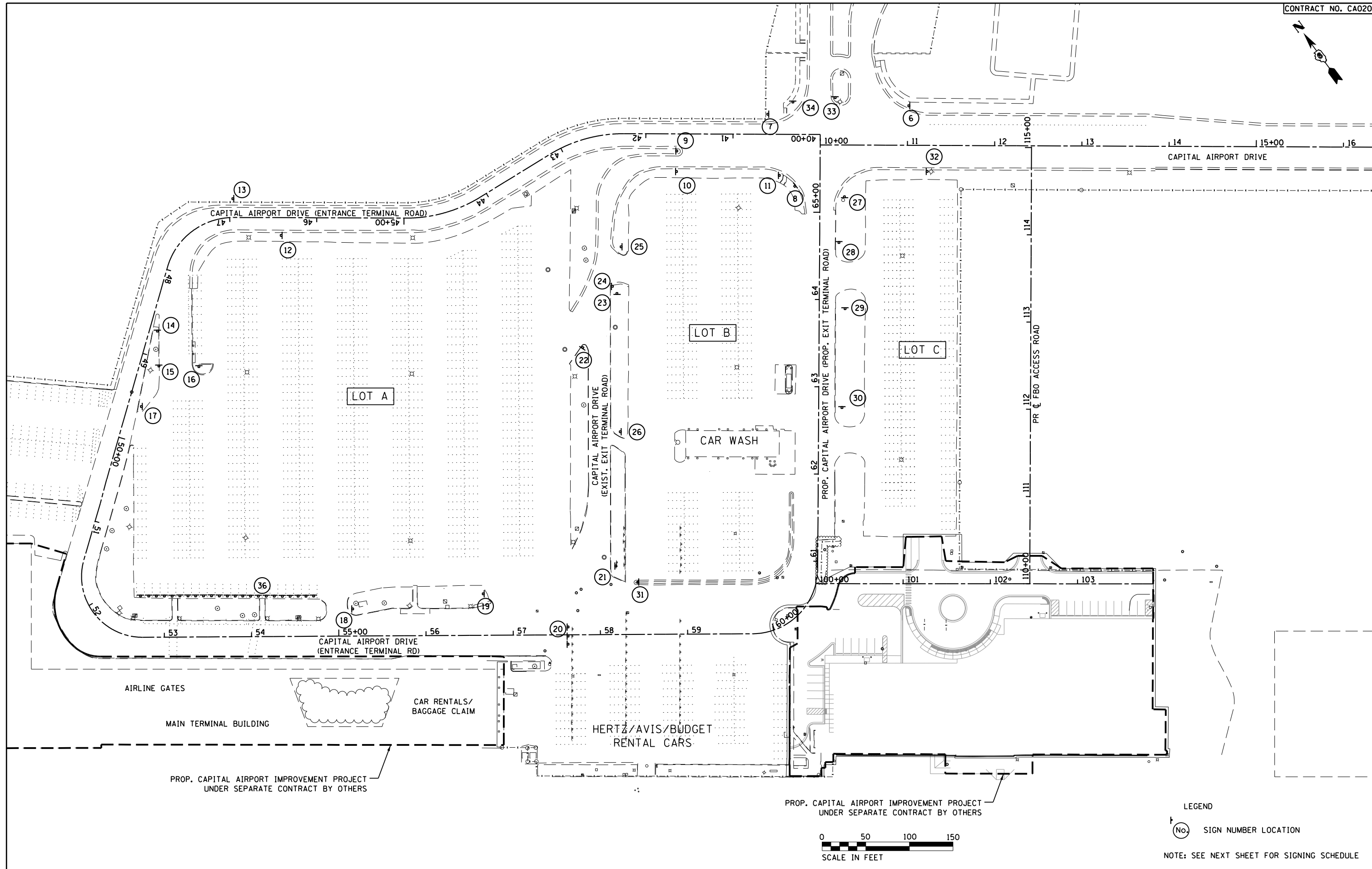
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		DRAWN MAL	REVISED -
		CHECKED	REVISED -
	PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN - SHEET 5
ALTERNATE 1 - LLCC PARKING LOT

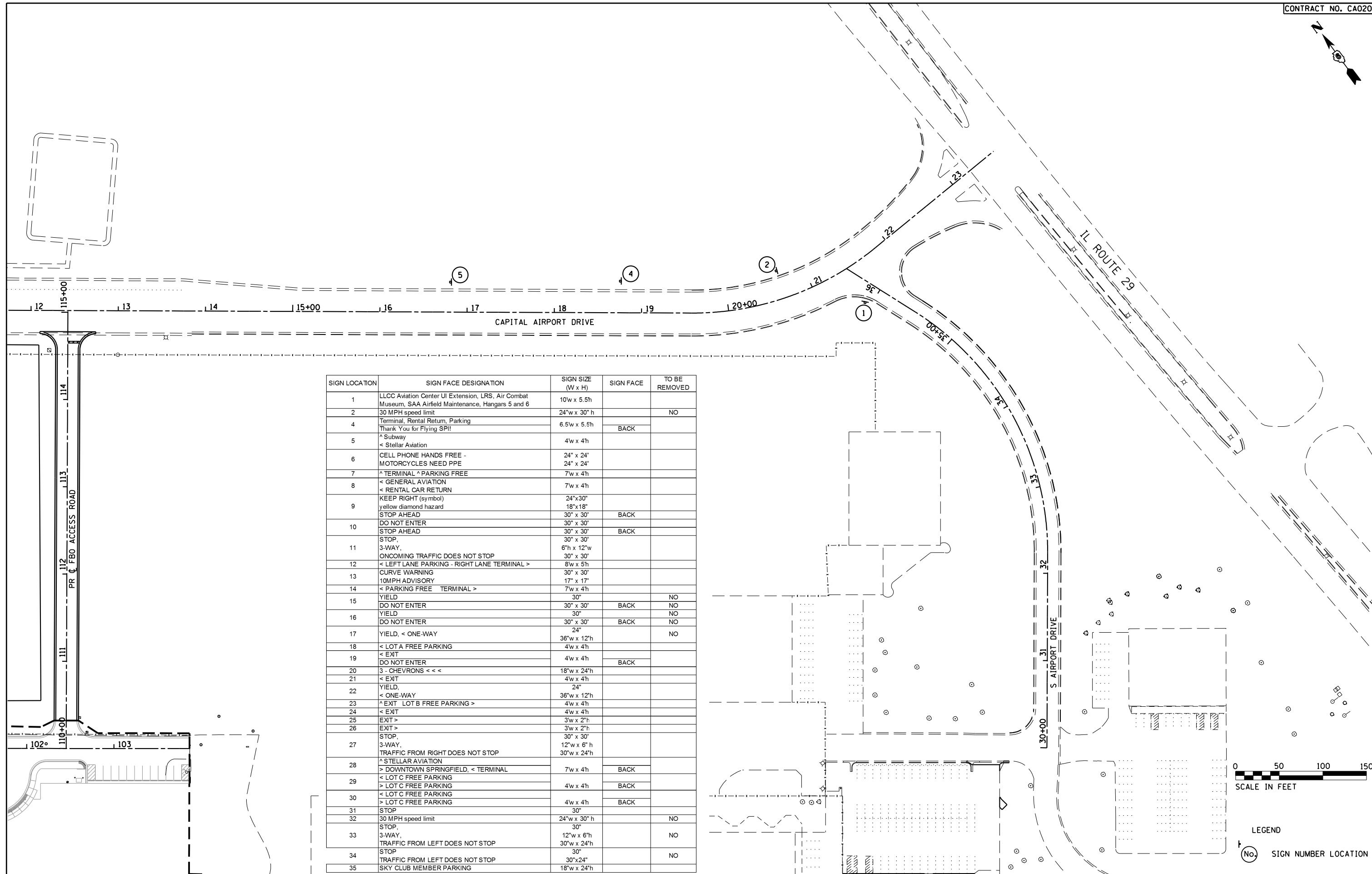
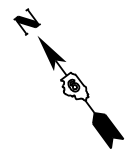


TOTAL SHEETS	SHEET NO.
75	49
IL. PROJ. SPI-4635	



LEGEND
 (No.) SIGN NUMBER LOCATION
 NOTE: SEE NEXT SHEET FOR SIGNING SCHEDULE

KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING SIGNING	ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD AIRPORT AUTHORITY	TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -				75	50
		CHECKED	REVISED -				IL. PROJ. SPI-4635	
		DATE	REVISED -					
	PLOT DATE = 3/16/2018	DATE						



SIGN LOCATION	SIGN FACE DESIGNATION	SIGN SIZE (W x H)	SIGN FACE	TO BE REMOVED
1	LLCC Aviation Center UI Extension, LRS, Air Combat Museum, SAA Airfield Maintenance, Hangars 5 and 6	10'w x 5.5'h		
2	30 MPH speed limit	24" w x 30" h		NO
4	Terminal, Rental Return, Parking Thank You for Flying SPI!	6.5'w x 5.5'h	BACK	
5	^ Subway < Stellar Aviation	4'w x 4'h		
6	CELL PHONE HANDS FREE - MOTORCYCLES NEED PPE	24" x 24" 24" x 24"		
7	^ TERMINAL ^ PARKING FREE	7'w x 4'h		
8	< GENERAL AVIATION < RENTAL CAR RETURN	7'w x 4'h		
9	KEEP RIGHT (symbol) yellow diamond hazard STOP AHEAD	24"x30" 18"x18" 30' x 30'	BACK	
10	DO NOT ENTER STOP AHEAD	30' x 30" 30' x 30'	BACK	
11	STOP, 3-WAY, ONCOMING TRAFFIC DOES NOT STOP	30' x 30" 6'h x 12"w 30' x 30'		
12	< LEFT LANE PARKING - RIGHT LANE TERMINAL >	8'w x 5'h		
13	CURVE WARNING 10MPH ADVISORY	30' x 30' 17" x 17"		
14	< PARKING FREE TERMINAL >	7'w x 4'h		
15	YIELD DO NOT ENTER	30" 30' x 30'	BACK	NO
16	YIELD DO NOT ENTER	30" 30' x 30'	BACK	NO
17	YIELD, < ONE-WAY	24" 36'w x 12'h		NO
18	< LOT A FREE PARKING	4'w x 4'h		
19	< EXIT DO NOT ENTER	4'w x 4'h	BACK	
20	3 - CHEVRONS <<<	18'w x 24'h		
21	< EXIT	4'w x 4'h		
22	YIELD, < ONE-WAY	24" 36'w x 12'h		
23	^ EXIT LOT B FREE PARKING >	4'w x 4'h		
24	< EXIT	4'w x 4'h		
25	EXIT >	3'w x 2'h		
26	EXIT >	3'w x 2'h		
27	STOP, 3-WAY, TRAFFIC FROM RIGHT DOES NOT STOP	30' x 30" 12'w x 6'h 30'w x 24'h		
28	^ STELLAR AVIATION > DOWNTOWN SPRINGFIELD, < TERMINAL	7'w x 4'h	BACK	
29	< LOT C FREE PARKING	4'w x 4'h	BACK	
30	> LOT C FREE PARKING	4'w x 4'h	BACK	
31	STOP	30"		
32	30 MPH speed limit STOP	24" w x 30" h 30"		NO
33	3-WAY, TRAFFIC FROM LEFT DOES NOT STOP	12'w x 6'h 30'w x 24'h		NO
34	STOP TRAFFIC FROM LEFT DOES NOT STOP	30" 30"x24"		NO
35	SKY CLUB MEMBER PARKING	18'w x 24'h		



LEGEND
 (No.) SIGN NUMBER LOCATION

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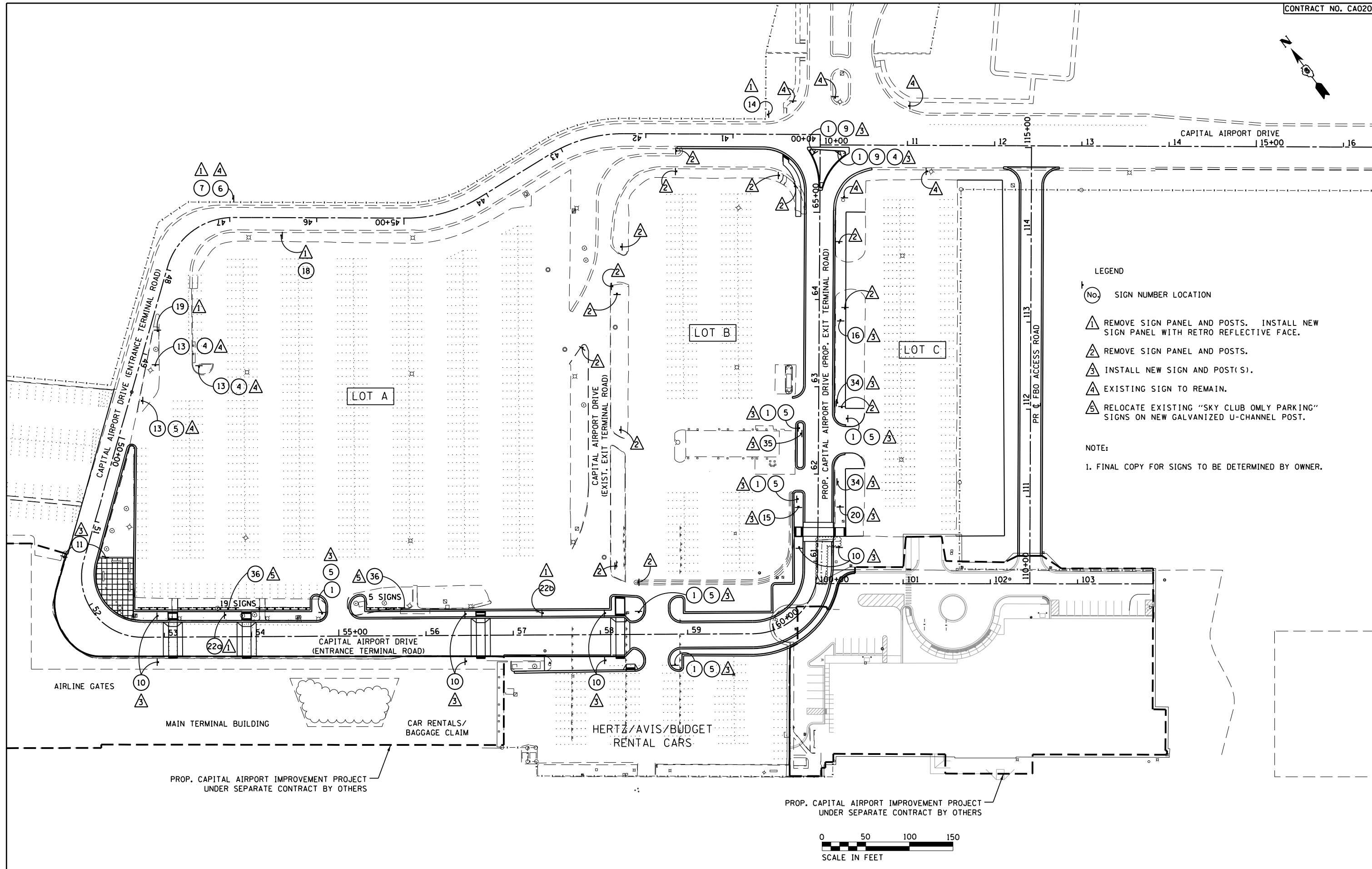
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	DRAWN	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING SIGNING



TOTAL SHEETS	SHEET NO.
75	51
IL. PROJ. SPI-4635	

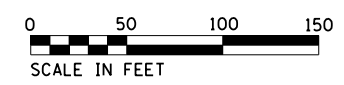


LEGEND

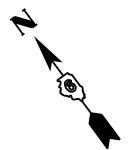
- (No.) SIGN NUMBER LOCATION
- △ REMOVE SIGN PANEL AND POSTS. INSTALL NEW SIGN PANEL WITH RETRO REFLECTIVE FACE.
- △ REMOVE SIGN PANEL AND POSTS.
- △ INSTALL NEW SIGN AND POST(S).
- △ EXISTING SIGN TO REMAIN.
- △ RELOCATE EXISTING "SKY CLUB ONLY PARKING" SIGNS ON NEW GALVANIZED U-CHANNEL POST.

NOTE:

1. FINAL COPY FOR SIGNS TO BE DETERMINED BY OWNER.

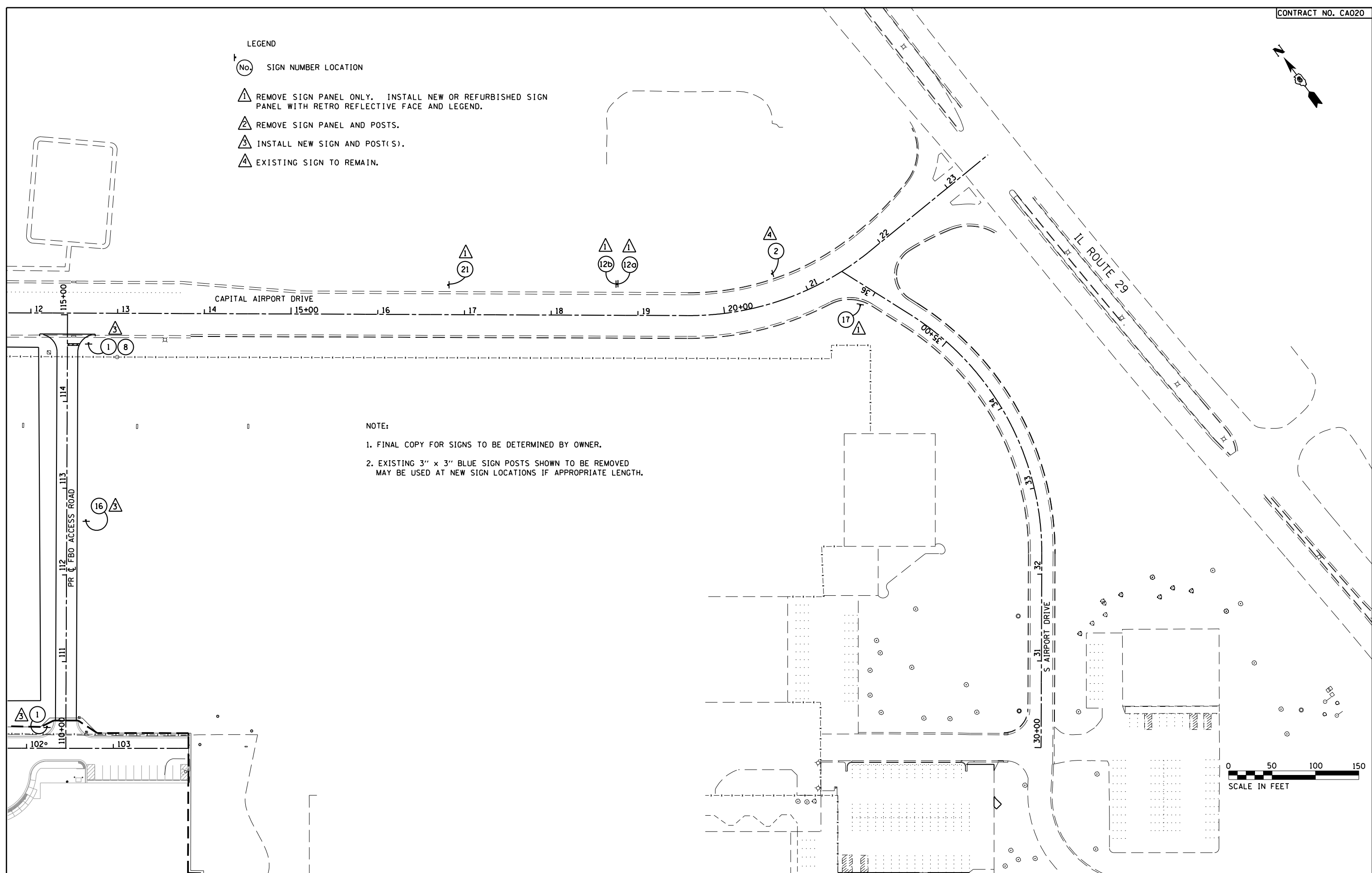


KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SIGNING	ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD AIRPORT AUTHORITY	TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -				75	52
		CHECKED	REVISED -				ILL. PROJ. SPI-4635	
	PLOT DATE = 3/16/2018	DATE	REVISED -					

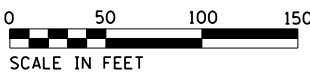


LEGEND

- (No.) SIGN NUMBER LOCATION
- 1 REMOVE SIGN PANEL ONLY. INSTALL NEW OR REFURBISHED SIGN PANEL WITH RETRO REFLECTIVE FACE AND LEGEND.
- 2 REMOVE SIGN PANEL AND POSTS.
- 3 INSTALL NEW SIGN AND POST(S).
- 4 EXISTING SIGN TO REMAIN.



NOTE:
 1. FINAL COPY FOR SIGNS TO BE DETERMINED BY OWNER.
 2. EXISTING 3" x 3" BLUE SIGN POSTS SHOWN TO BE REMOVED MAY BE USED AT NEW SIGN LOCATIONS IF APPROPRIATE LENGTH.



KNIGHT
 Engineers & Architects

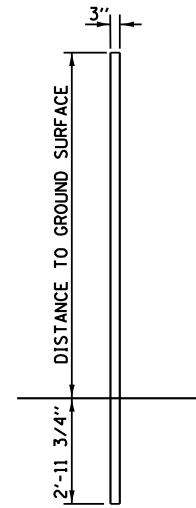
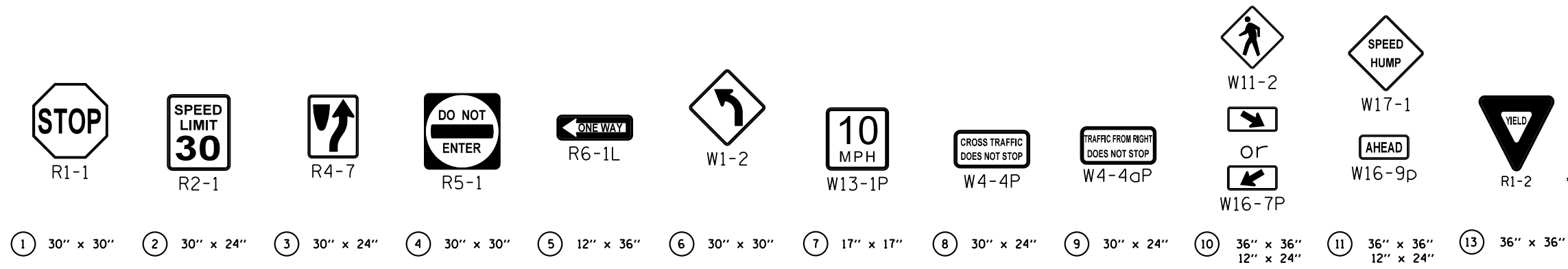
USER NAME = jcwley	DESIGNED	REVISED -
	DRAWN	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

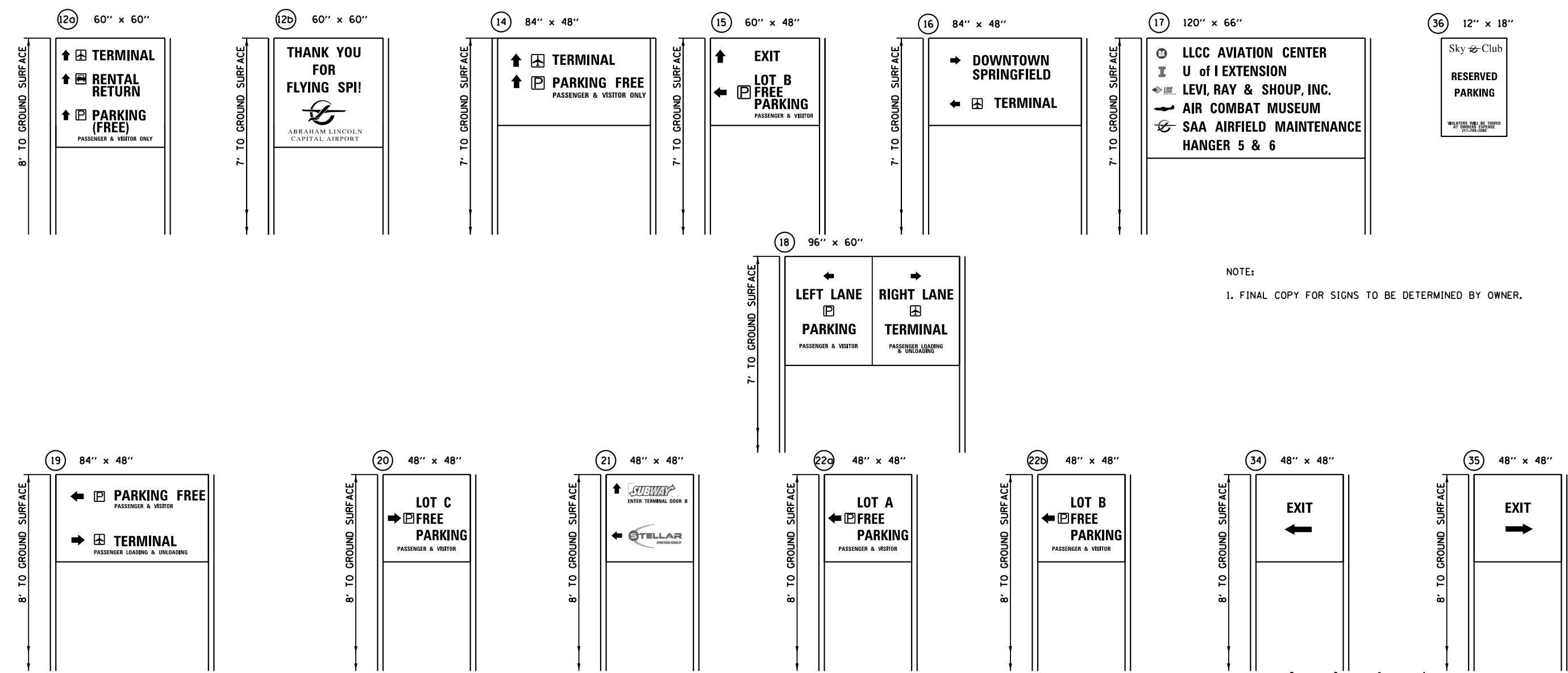
PROPOSED SIGNING



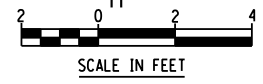
TOTAL SHEETS	SHEET NO.
75	53
IL. PROJ. SPI-4635	



POST & PANEL TYPICAL SIDE ELEVATION



NOTE:
1. FINAL COPY FOR SIGNS TO BE DETERMINED BY OWNER.












KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SIGNING DETAIL	ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD AIRPORT AUTHORITY	TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -				75	54
		CHECKED	REVISED -				IL. PROJ. SPI-4635	
	PLOT DATE = 3/16/2018	DATE	REVISED -					

GENERAL NOTES

1. SPLICING OF CONDUCTORS SHALL BE IN POLE BASES OR WEATHER TIGHT JUNCTION BOXES ONLY. SPLICES BELOW GRADE WILL NOT BE PERMITTED.
2. LIGHTING CIRCUITS SHALL BE WIRED IN ACCORDANCE WITH THE PLANS. DEVIATIONS WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING (DECORATIVE ROCKS, PLANTS, ETC.) EXISTING TO REMAIN OR NEW AT NO ADDITIONAL COST TO THE CLIENT.
4. ALL WORK SHALL CONFORM TO THE LATEST IDOT STANDARDS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS, THE NATIONAL ELECTRICAL CODE, AND THE NATIONAL ELECTRICAL SAFETY CODE.
5. ALL ELECTRICAL EQUIPMENT SHALL BE UL LISTED AND LABELED.
6. ALL CONDUITS SHALL BE SEALED.
7. ALL CIRCUIT WIRES SHALL BE LABELED WITH CIRCUIT IDENTIFICATION.
8. CIRCUITS SHALL BE TESTED PER SPECIFICATIONS.
9. THE LOCATIONS OF ALL PROPOSED EQUIPMENT ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET THE APPROVAL OF THE ENGINEER.
10. THE CONTRACTOR MUST MAINTAIN SAFE EQUIPMENT AND WORKING CLEARANCES FROM THE EXISTING CWLP ELECTRIC LINES. THE CONTRACTOR SHALL PLAN HIS WORK CONSIDERING CWLP'S LINES TO BE IN SERVICE AND ENERGIZED THROUGHOUT THE CONSTRUCTION PERIOD.
11. GROUNDING CONDUCTORS SHALL BE CONTINUOUS.
12. ALL NEW WIRING AND CONDUITS SHALL BE PLACED A MINIMUM OF 36" BENEATH THE FINISHED GRADE.
13. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED WITH A DEPTH AS NOTED ON DETAIL PLANS. IF SOIL CONDITIONS AT FOUNDATION LOCATIONS VARY FROM PREVIOUS REPORT DATA, CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE DEPTH SHALL BE REVISED IN ACORDANCE WITH SECTION 516 OF STANDARD SPECIFICATIONS.
14. REMOVAL OF AN EXISTING LIGHTING UNIT FOR RELOCATION SHALL ALWAYS BE FOLLOWED BY THE REMOVAL OF POLE FOUNDATION.
15. LIGHT FIXTURES TYPE II SHALL BE ONE OF THE FOLLOWING:
MCGRAW-EDISON VTS-E08-LED-E1-T2-7050
LITHONIA LIGHTING CSXI LED 60C 1000 50K T2M
SPAULDING LIGHTING CL1-90L-5K-2
16. LIGHT FIXTURES TYPE V SHALL BE ONE OF THE FOLLOWING:
MCGRAW-EDISON VTS-E08-LED-E1-5W0-7050
LITHONIA LIGHTING DSXI LED P12 50K T5W MVOLT
SPAULDING LIGHTING CL1-90L-5K-5W

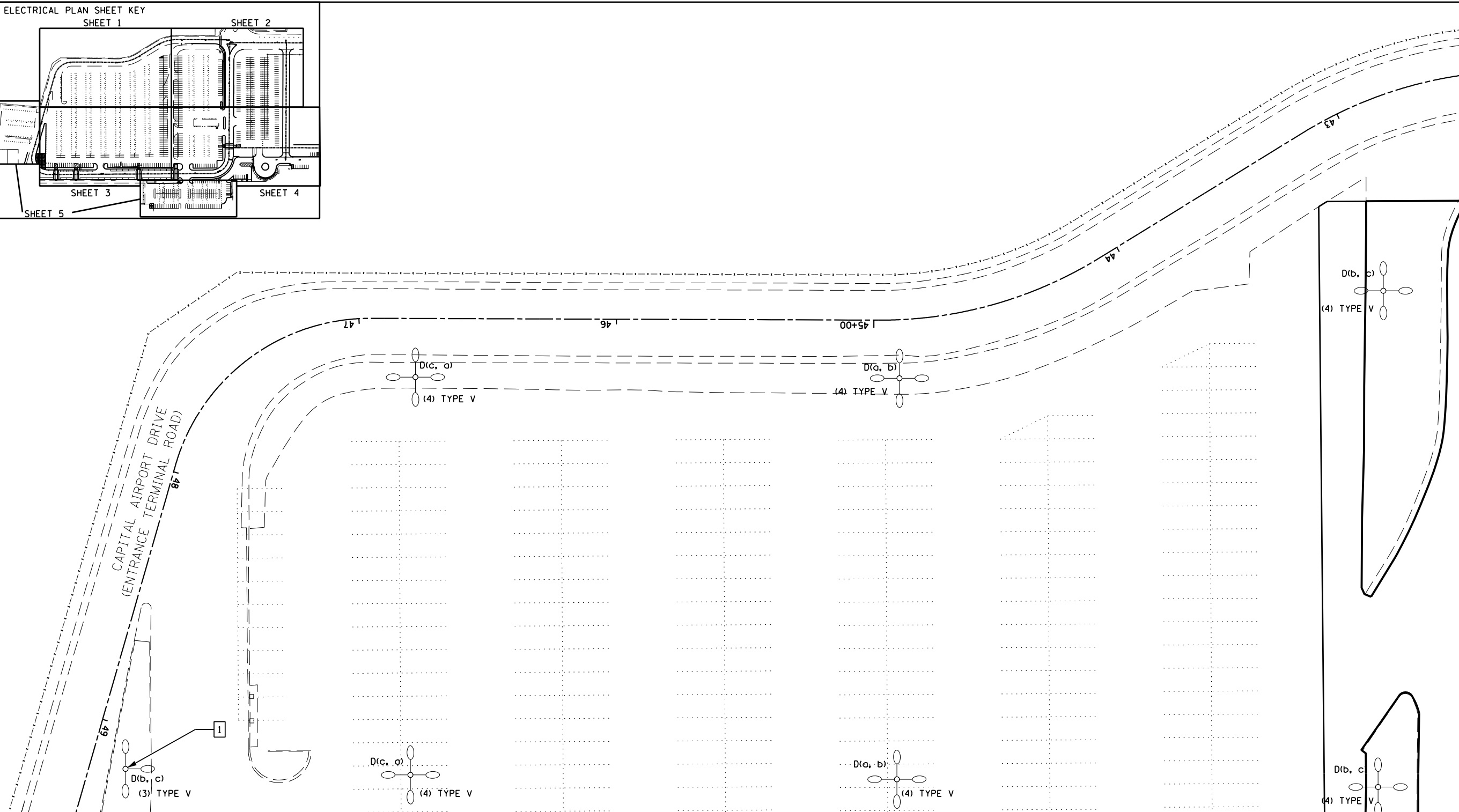
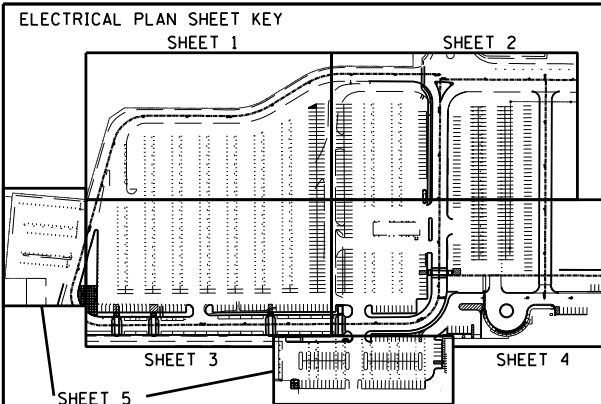
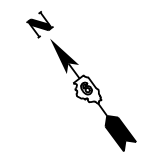
LEGEND

-  EXISTING LIGHT POLE WITH NEW LED LUMINAIRE. NUMBER AND LUMINAIRE TYPE AS SHOWN ON PLAN.
-  NEW LIGHT POLE WITH NEW LED LUMINAIRE ON NEW FOUNDATION, UNLESS OTHERWISE NOTED ON PLAN. NUMBER AND LUMINAIRE TYPE AS SHOWN ON LAN. D(a, b) - BREAKER AND LEGS. SEE DETAIL 4 ON DRAWING E-6.
-  EXISTING LIGHT POLE TO BE RELOCATED.
-  RELOCATED LIGHT POLE WITH NEW LED LUMINAIRE ON NEW FOUNDATION. NUMBER AND LUMINAIRE TYPE AS SHOWN ON PLAN.
-  PROPOSED UNDERGROUND LIGHTING WIRING/CONDUIT
-  PROPOSED UNDERGROUND DUCT BANK
-  EXISTING UNDERGROUND DUCT BANK
-  EXISTING HANDHOLE/MANHOLE
-  PROPOSED HEAVY DUTY HANDHOLE/MANHOLE

BILL OF MATERIALS

ITEM DESCRIPTION	UNITS	QUANTITY
1" PVC DUCT, DIRECT BURY	LF	1950
1 1/4" PVC DUCT, DIRECT BURY	LF	535
HANDHOLE, HEAVY DUTY	EACH	3
REFURBISH LIGHT POLE	EACH	19
LIGHT POLE FOUNDATION	EACH	14
LIGHT POLE FOUNDATION TYPE F7A (DETAIL 3 ON E-7)	EACH	6
LIGHTING CONTROLLER FOUNDATION (DETAIL 2 ON E-7)	EACH	1
REMOVE CONCRETE FOUNDATION	EACH	5
RELOCATE EXISTING LIGHT POLE	EACH	4
REMOVE EXISTING LUMINAIRE, SALVAGE	EACH	19
6-WAY CONCRETE ENCASED DUCT BANK	LF	935
PARKING LED LUMINAIRE, TYPE V DISTRIBUTION	EACH	8
ROADWAY LED LUMINAIRE, TYPE II DISTRIBUTION	EACH	13
LIGHT POLE	EACH	26
RDWY LIGHT POLE	EACH	19
LUMINAIRE BRACKET	EACH	21
RELOCATE LIGHTING CONTROLLER	EACH	1
REMOVE LIGHT POLE	EACH	19
REMOVE LIGHT POLE & FIXTURE	EACH	10
1/C NO. 6 XLP-USE	LF	10400
1/C NO. 2 XLP-USE	LF	60
RELOCATE LED LUMINAIRE	EACH	67
ROADWAY LIGHT POLE W/ FIXTURE	EACH	9
ROADWAY LIGHT POLE, 2-DAVIT ARMS, 30 FT MH, W/ LED LUMINAIRES	EACH	1

FILE NAME = T:\7486_01\CAD\Sheets\Civil\08 Lighting Plan\7486_01-sht-Lighting00-Gen Notes.dgn



SEE SHEET 3 FOR CONTINUATION

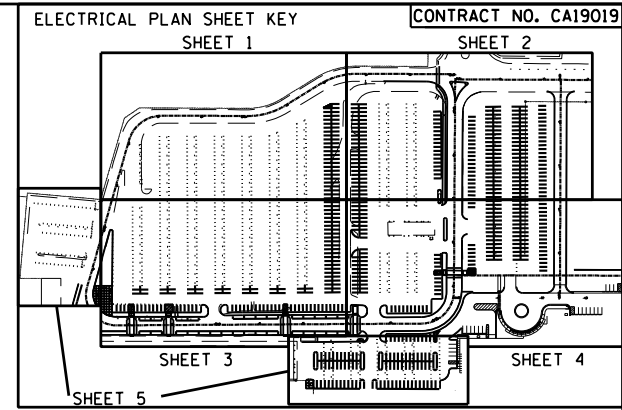
KEY NOTE:

1 REMOVE ONE ARM FROM EXISTING LIGHT POLE AND SEAL ANY OPENING. PAINT TO MATCH EXISTING.

ADDITIVE 2: ALTERNATE PARKING LOT LIGHTING. REPLACE LIGHT POLE WITH NEW IN LIEU OF REFURBISHING POLE. MATCH EXISTING BOLT PATTERN 6" SQUARE, 8.5" BOLT CIRCLE. EXISTING POLES TO REMAIN PROPERTY OF SPRINGFIELD AIRPORT AUTHORITY.

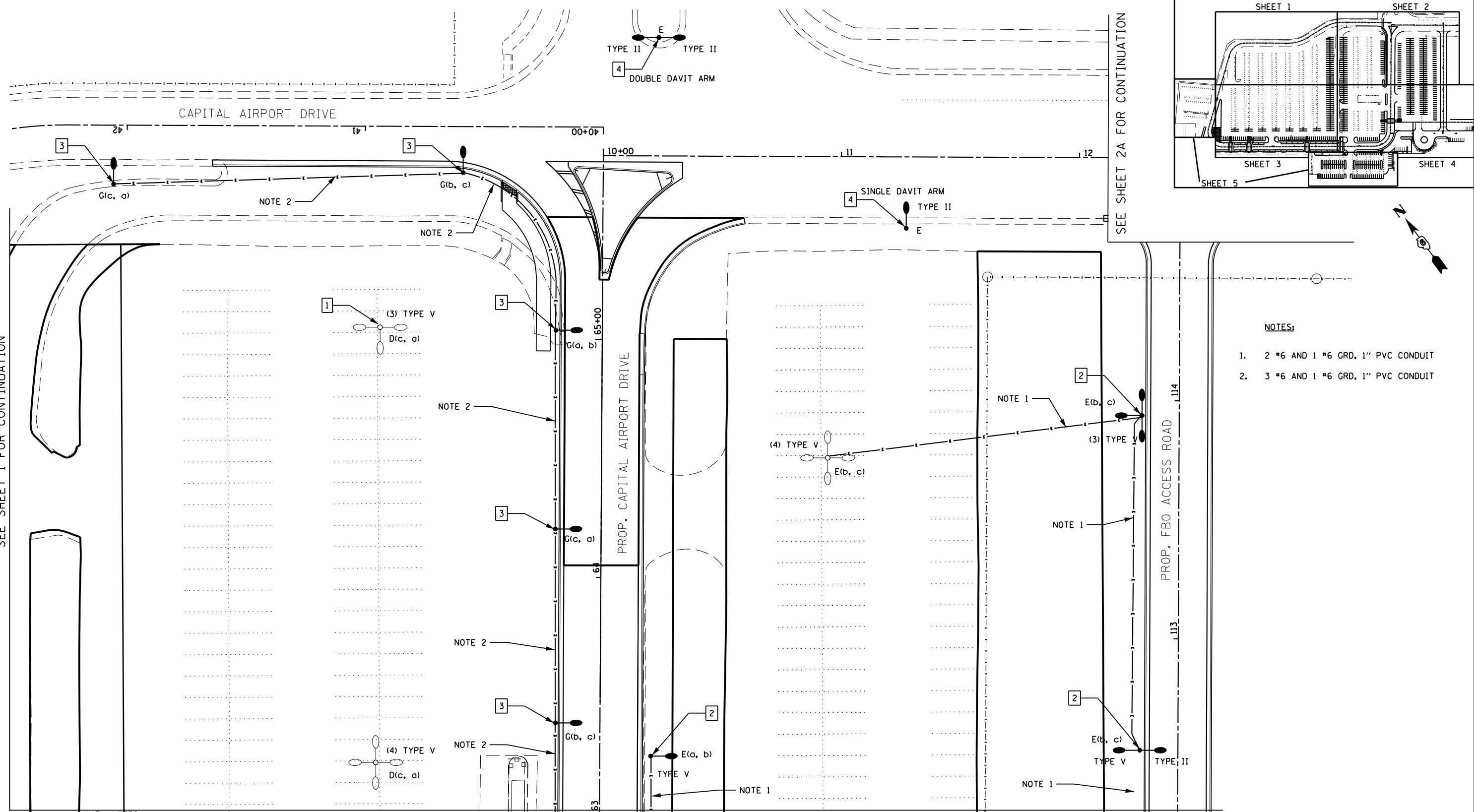


	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELECTRICAL PLAN - SHEET 1	ABRAHAM LINCOLN CAPITAL AIRPORT SPRINGFIELD AIRPORT AUTHORITY	TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -				75	56
		CHECKED	REVISED -				IL. PROJ. SPI-4635	DRAWING E-1
	PLOT DATE = 3/16/2018	DATE	REVISED -					



SEE SHEET 2A FOR CONTINUATION

SEE SHEET 1 FOR CONTINUATION



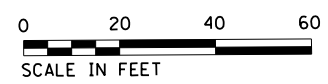
- NOTES:**
- 2 #6 AND 1 #6 GRD, 1" PVC CONDUIT
 - 3 #6 AND 1 #6 GRD, 1" PVC CONDUIT

KEY NOTES:

- REMOVE ONE ARM FROM EXISTING LIGHT POLE AND SEAL ANY OPENING. PAINT TO MATCH EXISTING.
- PROVIDE LIGHT POLE AND FOUNDATION PER DETAILS 1 AND 2 ON DRAWING E-7. PROVIDE LED FIXTURE PER GENERAL NOTES ON DRAWING E-0.
- PROVIDE LIGHT POLE AND FOUNDATION PER DETAILS 1 AND 3 ON DRAWING E-7. PROVIDE LED FIXTURE PER GENERAL NOTES ON DRAWING E-0.
- PROVIDE LIGHT POLE, VALMONT DWG. LH71069, MATCHING THOSE ON IL 29 WITH 30 FOOT NOMINAL MOUNTING HEIGHT. BOLT PATTERN IS 9.5" AND 10.43 BOLT CIRCLE AFTER REMOVING EXISTING LIGHT POLE. PROVIDE LED FIXTURE TECEO 2 LUMINAIRE, MATCHING THOSE ON IL 29.

SEE SHEET 4 FOR CONTINUATION

ADDITIVE 2: ALTERNATE PARKING LOT LIGHTING. REPLACE LIGHT POLE WITH NEW IN LIEU OF REFURBISHING POLE. MATCH EXISTING BOLT PATTERN 6" SQUARE, 8.5" BOLT CIRCLE. EXISTING POLES TO REMAIN PROPERTY OF SPRINGFIELD AIRPORT AUTHORITY.



USER NAME = jcowley	DESIGNED	REVISED -
	DRAWN	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

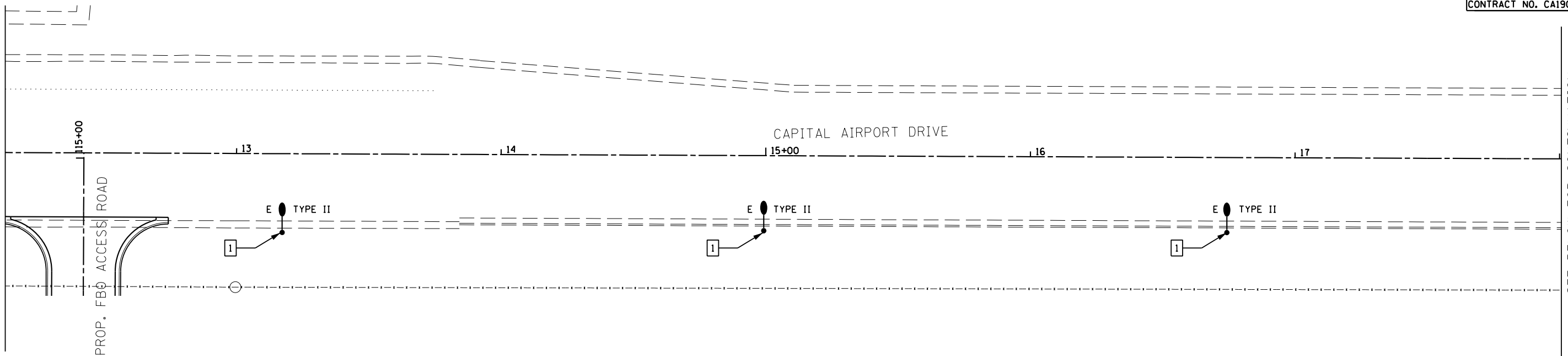
ELECTRICAL PLAN - SHEET 2



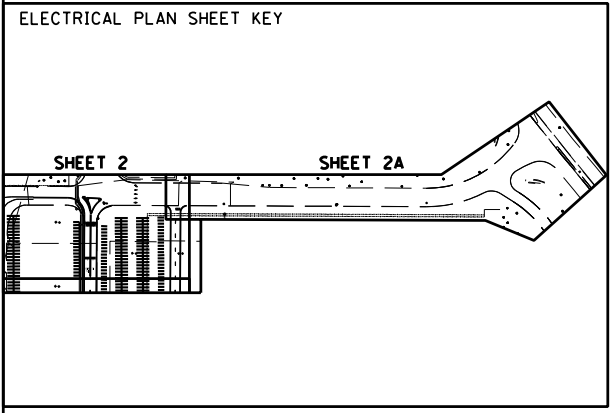
TOTAL SHEETS	SHEET NO.
75	57
IL PROJ. SPI-4635	DRAWING E-2

SEE SHEET 2 FOR CONTINUATION

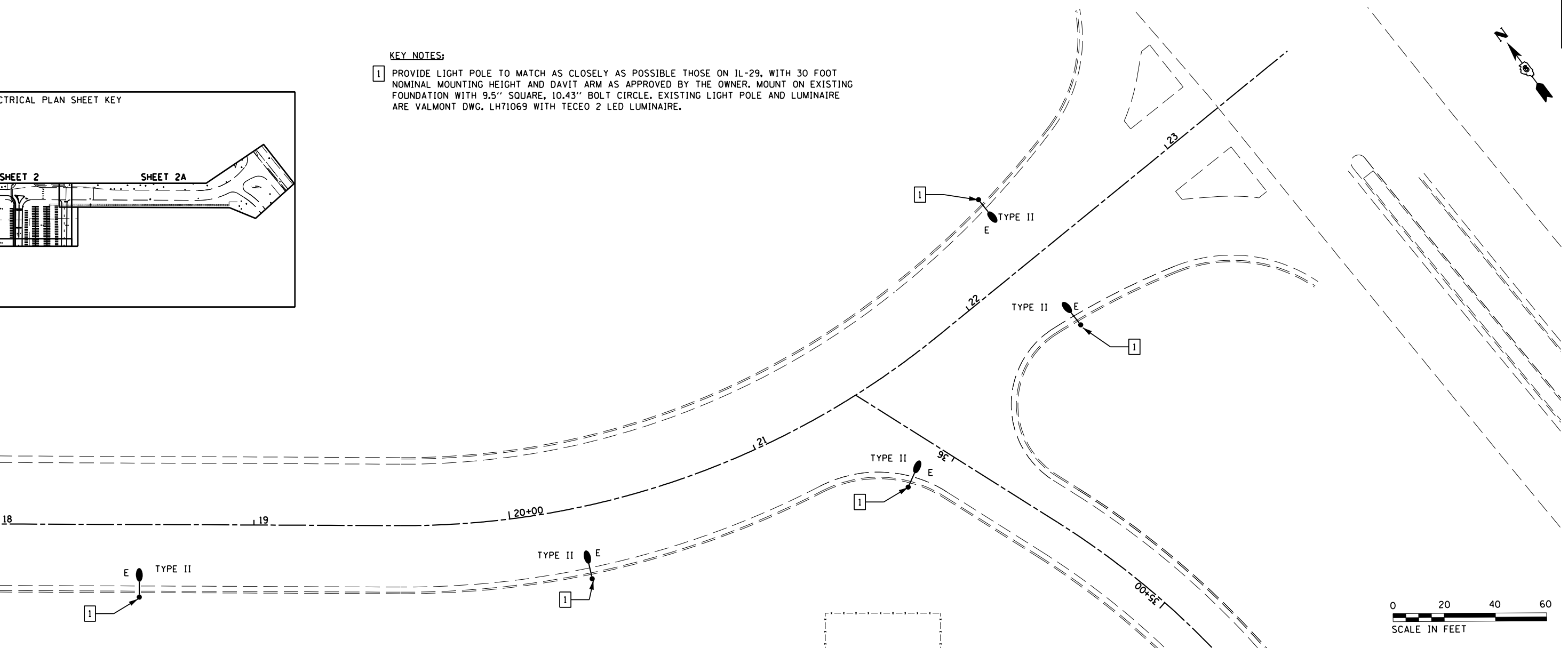
SEE BELOW FOR CONTINUATION



KEY NOTES:
 1 PROVIDE LIGHT POLE TO MATCH AS CLOSELY AS POSSIBLE THOSE ON IL-29, WITH 30 FOOT NOMINAL MOUNTING HEIGHT AND DAVIT ARM AS APPROVED BY THE OWNER. MOUNT ON EXISTING FOUNDATION WITH 9.5" SQUARE, 10.43" BOLT CIRCLE. EXISTING LIGHT POLE AND LUMINAIRE ARE VALMONT DWG. LH71069 WITH TECEO 2 LED LUMINAIRE.



SEE ABOVE FOR CONTINUATION



KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -
		DRAWN	REVISED -
		CHECKED	REVISED -
	PLOT DATE = 3/16/2018	DATE	REVISED -

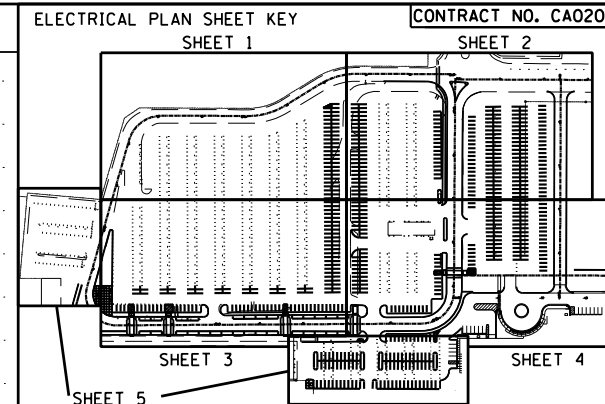
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL PLAN - SHEET 1a



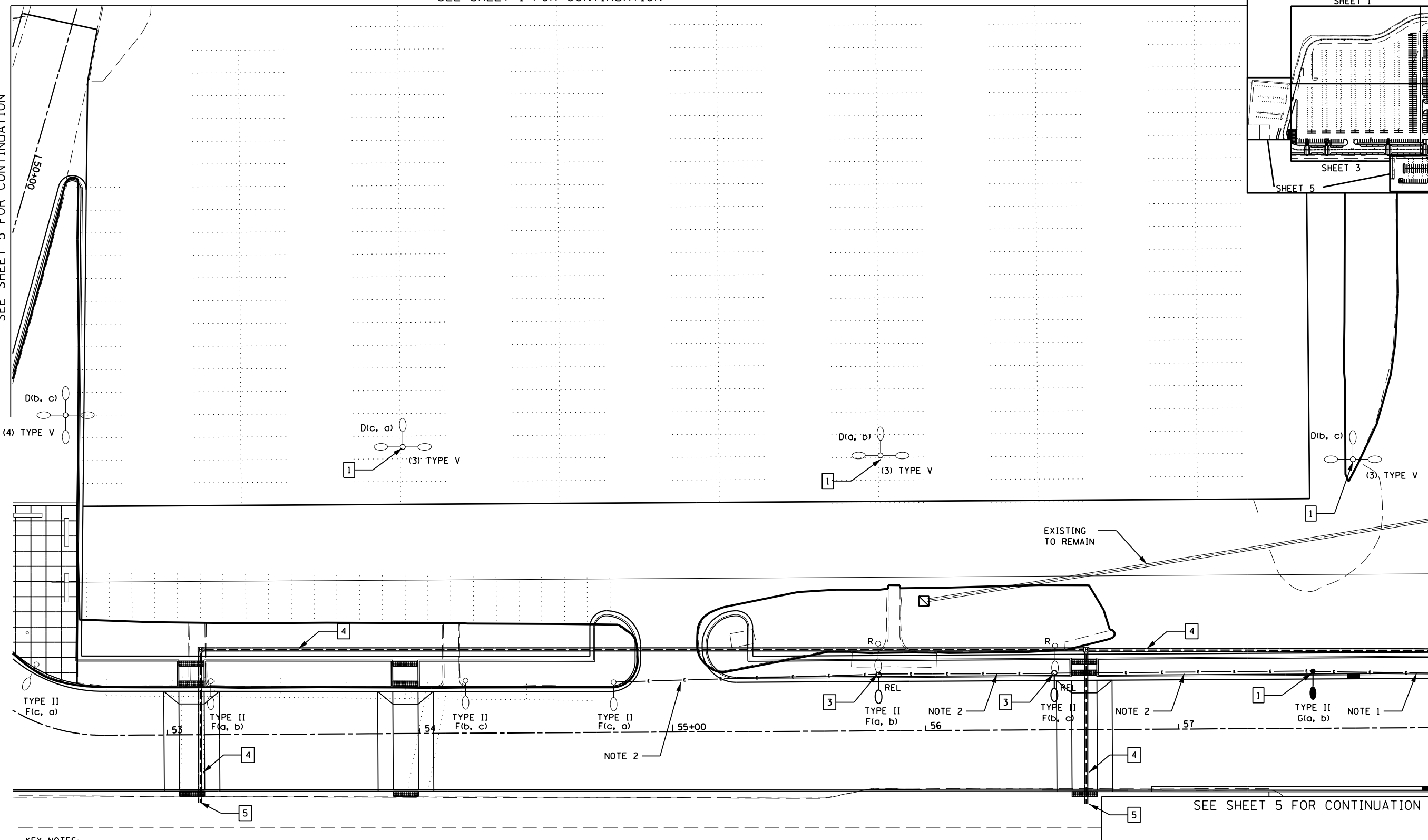
TOTAL SHEETS	SHEET NO.
75	58
IL. PROJ. SPI-4635	DRAWING E-2a

SEE SHEET 1 FOR CONTINUATION



SEE SHEET 5 FOR CONTINUATION

SEE SHEET 4 FOR CONTINUATION



SEE SHEET 5 FOR CONTINUATION

KEY NOTES:

- 1 REMOVE ONE ARM FROM EXISTING LIGHT POLE AND SEAL ANY OPENING. PAINT TO MATCH EXISTING.
- 2 PROVIDE LIGHT POLE AND FOUNDATION PER DETAILS 1 AND 3 ON DRAWING E-7. PROVIDE LED FIXTURE PER GENERAL NOTES ON DRAWING E-0.
- 3 PROVIDE FOUNDATION PER DETAIL 3 ON DRAWING E-7. PROVIDE LED FIXTURE PER GENERAL NOTES ON DRAWING E-0.
- 4 PROPOSED DATA DUCTBANK 6-2" PVC CONDUIT ENCASED IN CONCRETE
- 5 CONDUIT TO BE CAPPED FOR FUTURE USE. CONCRETE ENCASEMENT TO STOP 6" BEHIND CONDUIT END.

NOTES:

- 1. 6 #6 AND 1 #6 GRD, 1 1/4" PVC CONDUIT
- 2. 3 #6 AND 1 #6 GRD, 1" PVC CONDUIT

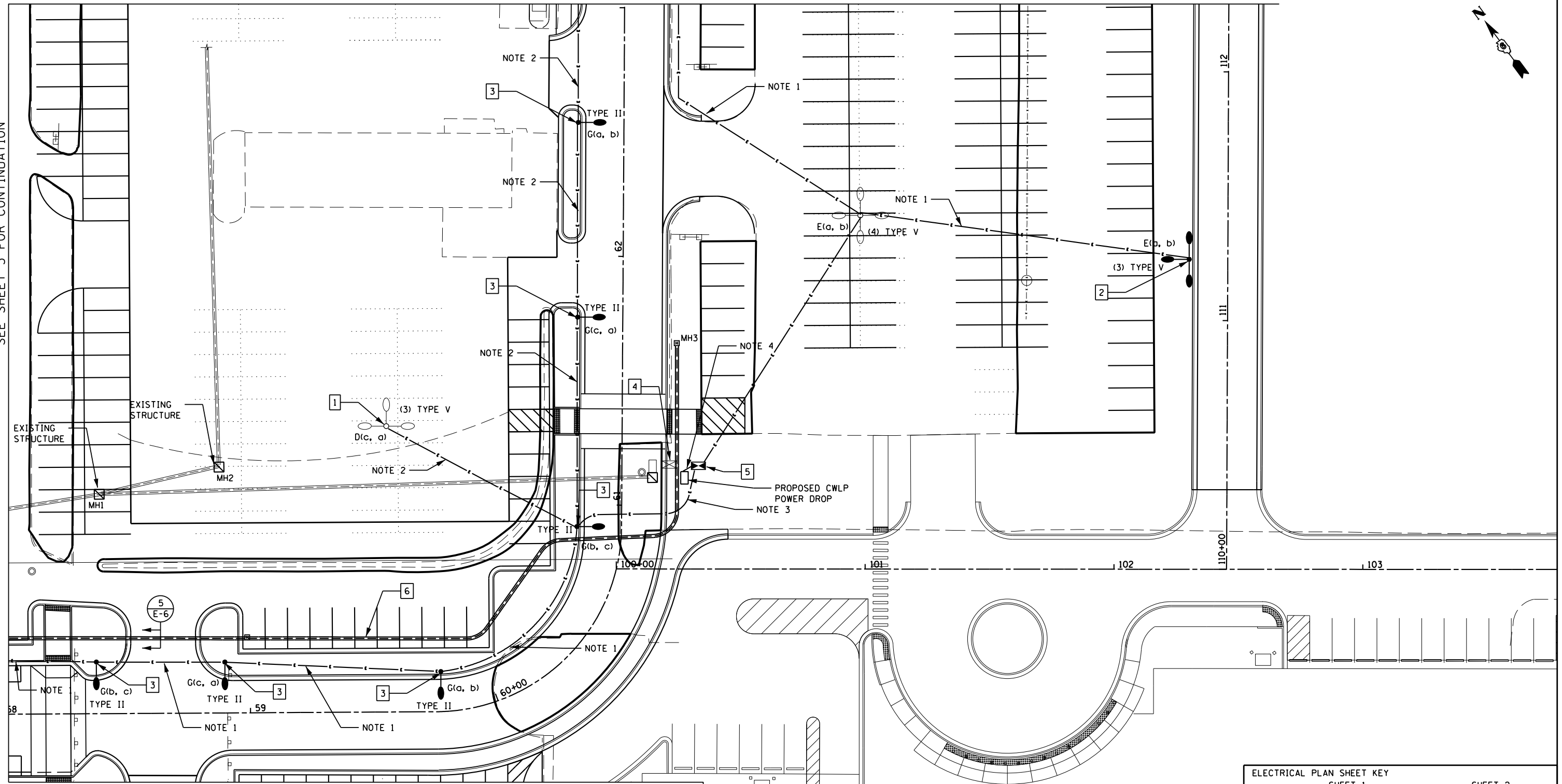
ADDITIVE 2: ALTERNATE PARKING LOT LIGHTING. REPLACE LIGHT POLE WITH NEW IN LIEU OF REFURBISHING POLE. MATCH EXISTING BOLT PATTERN 6" SQUARE, 8.5" BOLT CIRCLE. EXISTING POLES TO REMAIN PROPERTY OF SPRINGFIELD AIRPORT AUTHORITY.



	USER NAME = jcowley	DESIGNED	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ELECTRICAL PLAN - SHEET 3		TOTAL SHEETS	SHEET NO.
		DRAWN	REVISED -				75	59
		CHECKED	REVISED -				IL. PROJ. SPI-4635	DRAWING E-3
	PLOT DATE = 3/16/2018	DATE	REVISED -					

SEE SHEET 2 FOR CONTINUATION

SEE SHEET 3 FOR CONTINUATION



SEE SHEET 5 FOR CONTINUATION

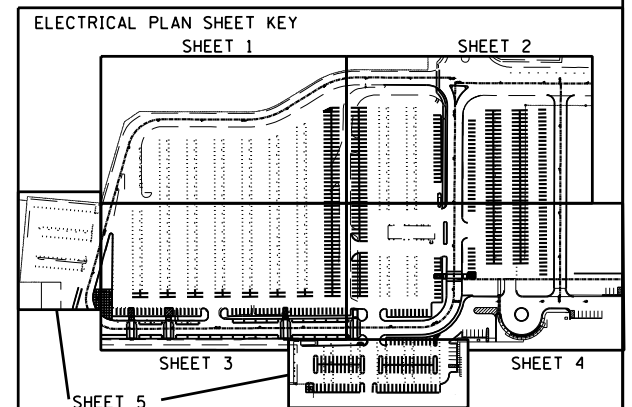
KEY NOTES:

- 1 REMOVE ONE ARM FROM EXISTING LIGHT POLE AND SEAL ANY OPENING. PAINT TO MATCH EXISTING.
- 2 PROVIDE LIGHT POLE AND FOUNDATION PER DETAILS 1 AND 2 ON DRAWING E-7. PROVIDE LED FIXTURE PER GENERAL NOTES ON DRAWING E-0.
- 3 PROVIDE LIGHT POLE AND FOUNDATION PER DETAILS 1 AND 3 ON DRAWING E-7. PROVIDE LED FIXTURE PER GENERAL NOTES ON DRAWING E-0.
- 4 REMOVE EXISTING CONTROLLER AND FOUNDATION AND INSTALL NEW HANDHOLE PER DETAIL ON DRAWING E-7.
- 5 INSTALL NEW FOUNDATION AND CONTROLLER PER DETAIL ON DRAWING E-6 AND ROUTE NEW CONDUIT AND WIRING FROM NEW HANDHOLE.
- 6 PROPOSED DATA DUCTBANK 6-2" PVC CONDUIT ENCASED IN CONCRETE

NOTES:

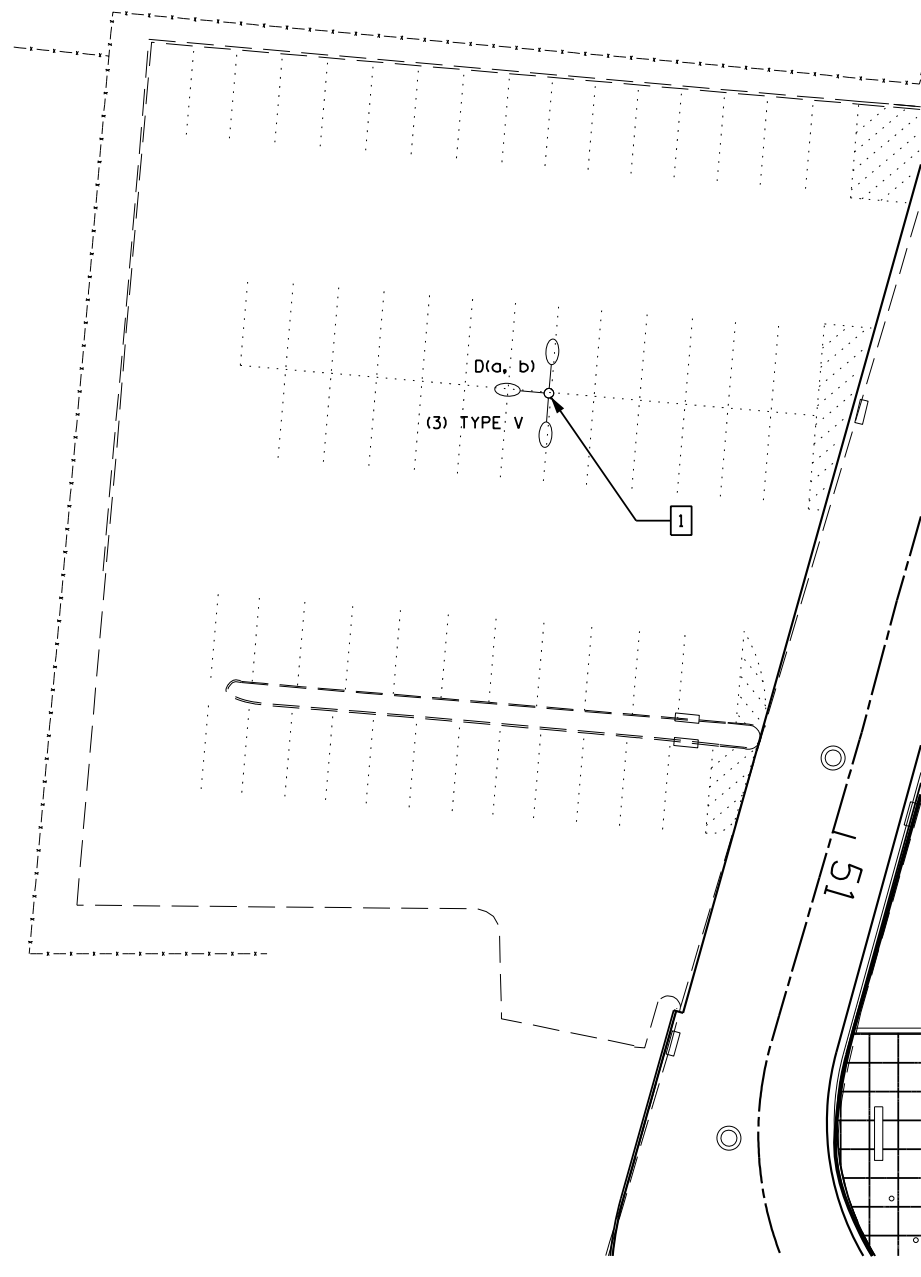
- 1. 6 #6 AND 1 #6 GRD, 1 1/4" PVC CONDUIT
- 2. 3 #6 AND 1 #6 GRD, 1" PVC CONDUIT
- 3. 9 #6 AND 1 #6 GRD, 1 1/4" PVC CONDUIT
- 4. 3 #2, 1 #8 GRD, 1 1/4" PVC

ADDITIVE 2: ALTERNATE PARKING LOT LIGHTING. REPLACE LIGHT POLE WITH NEW IN LIEU OF REFURBISHING POLE. MATCH EXISTING BOLT PATTERN 6" SQUARE, 8.5" BOLT CIRCLE. EXISTING POLES TO REMAIN PROPERTY OF SPRINGFIELD AIRPORT AUTHORITY.



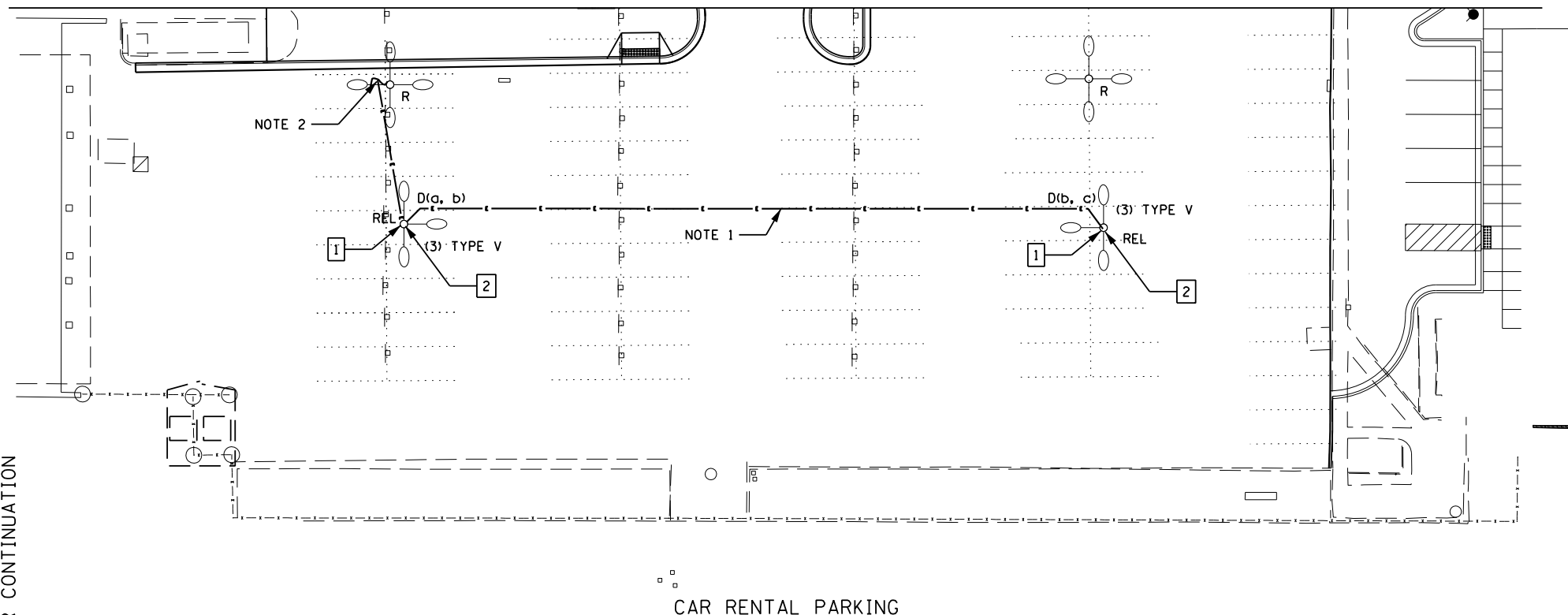


SEE SHEETS 3 AND 4 FOR CONTINUATION



EMPLOYEE PARKING

SEE SHEETS 1 AND 3 FOR CONTINUATION



CAR RENTAL PARKING

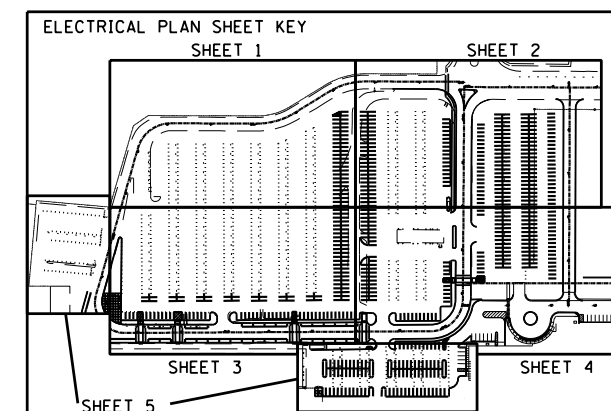
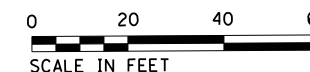
NOTES:

1. 2 #6 AND 1 #6 GRD, 1" PVC CONDUIT
2. 3 #6 AND 1 #6 GRD, 1" PVC CONDUIT. FEED PARKING LIGHTING FROM THE SAME CIRCUIT/CONNECTION POINT AS BEFORE THE RELOCATION OF LIGHT POLES. EXISTING CONDUIT SHALL BE INTERCEPTED AND EXTENDED TO POLE'S NEW LOCATION. RUN NEW WIRING FROM THE CONNECTION POINT/POLE TO RELOCATED POLE.

KEY NOTE:

- 1 REMOVE ONE ARM FROM EXISTING LIGHT POLE AND SEAL ANY OPENING. PAINT TO MATCH EXISTING.
- 2 PROVIDE FOUNDATION PER DETAIL 2 ON DRAWING E-7. PROVIDE LED FIXTURE PER GENERAL NOTES ON DWG. E-2.

ADDITIVE 2: ALTERNATE PARKING LOT LIGHTING. REPLACE LIGHT POLE WITH NEW IN LIEU OF REFURBISHING POLE. MATCH EXISTING BOLT PATTERN 6" SQUARE, 8.5" BOLT CIRCLE. EXISTING POLES TO REMAIN PROPERTY OF SPRINGFIELD AIRPORT AUTHORITY.



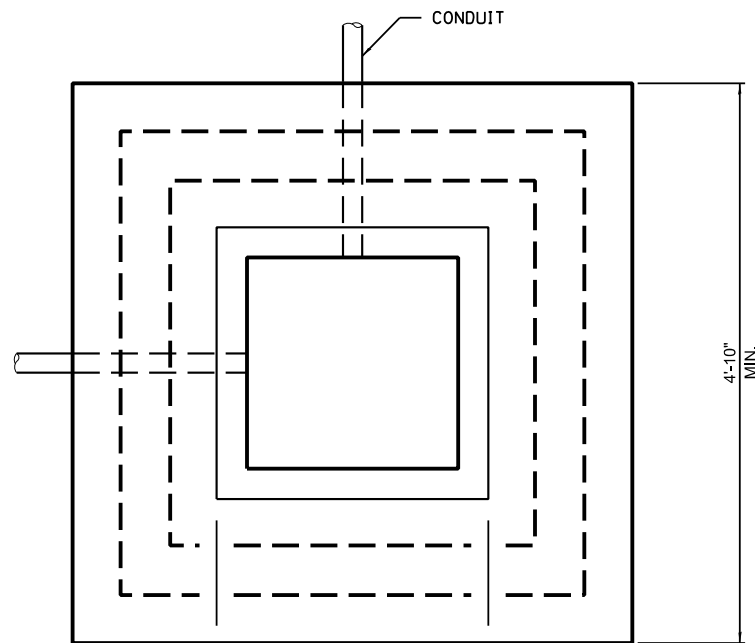
KNIGHT Engineers & Architects	USER NAME = jcowley	DESIGNED	REVISED -
		DRAWN	REVISED -
		CHECKED	REVISED -
	PLOT DATE = 3/16/2018	DATE	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

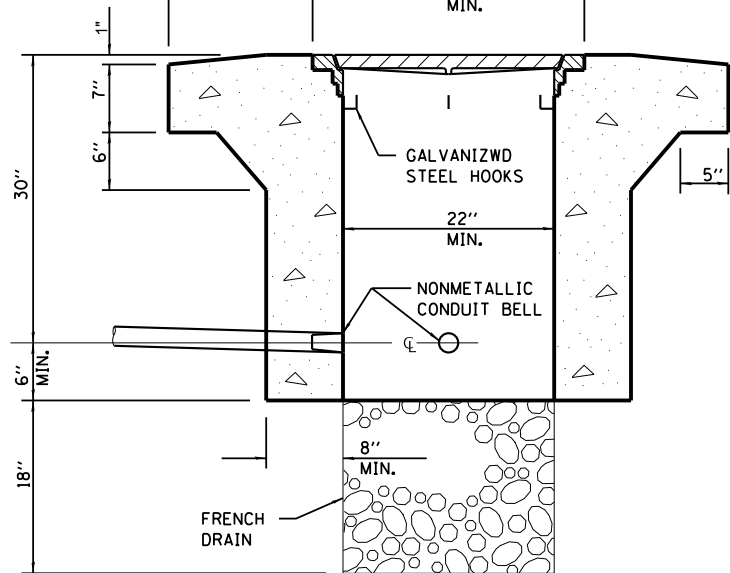
ELECTRICAL PLAN - SHEET 5



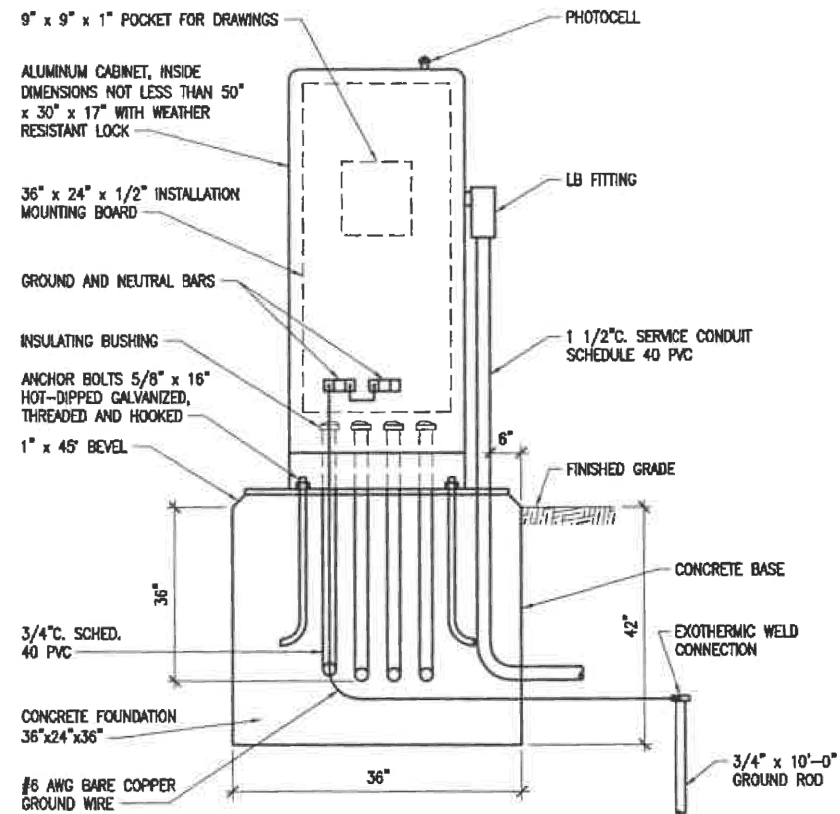
TOTAL SHEETS	SHEET NO.
75	61
IL. PROJ. SPI-4635	DRAWING E-5



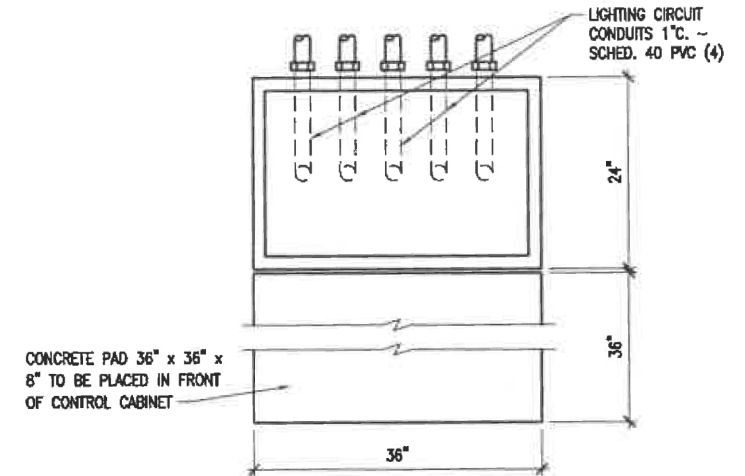
PLAN



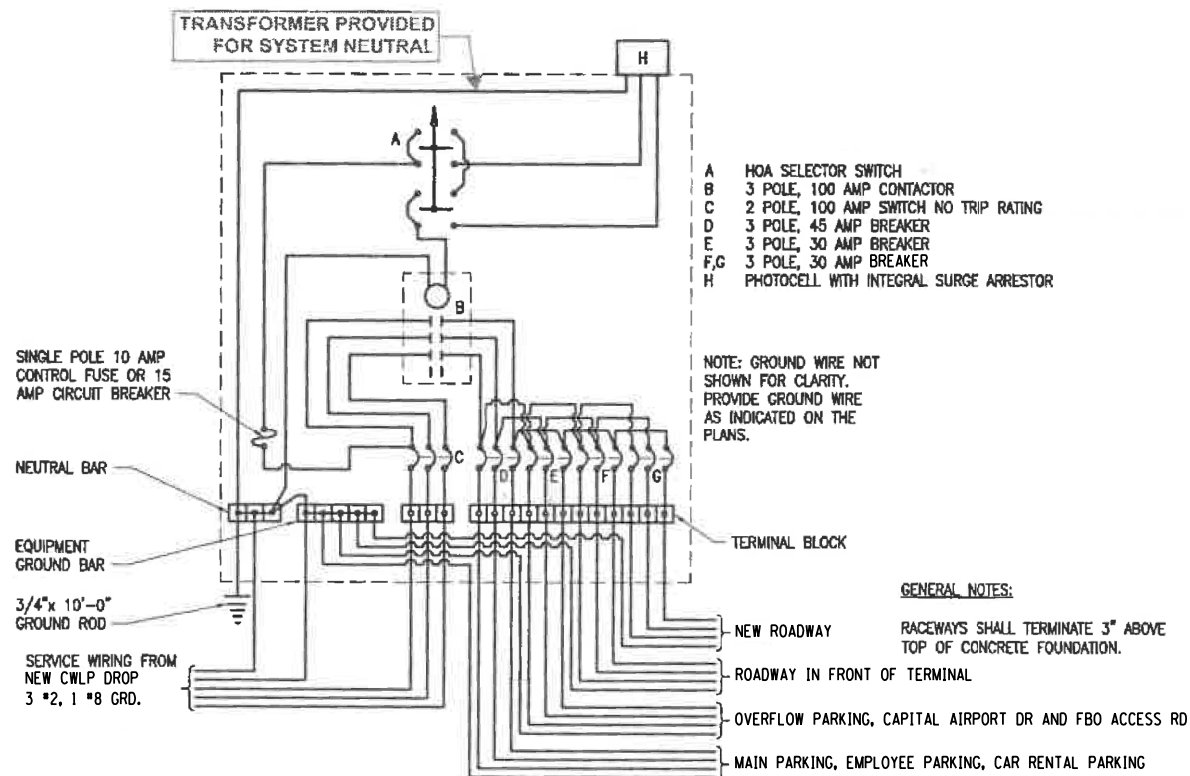
1 ELEVATION
PORTLAND CEMENT CONCRETE
HEAVY DUTY



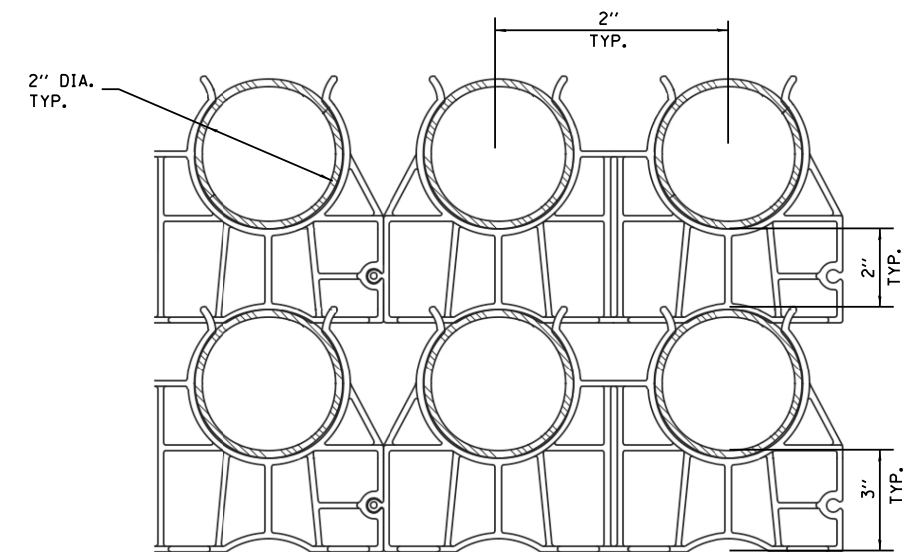
2 LIGHTING CONTROLLER INSTALLATION
NO SCALE (FRONT VIEW)



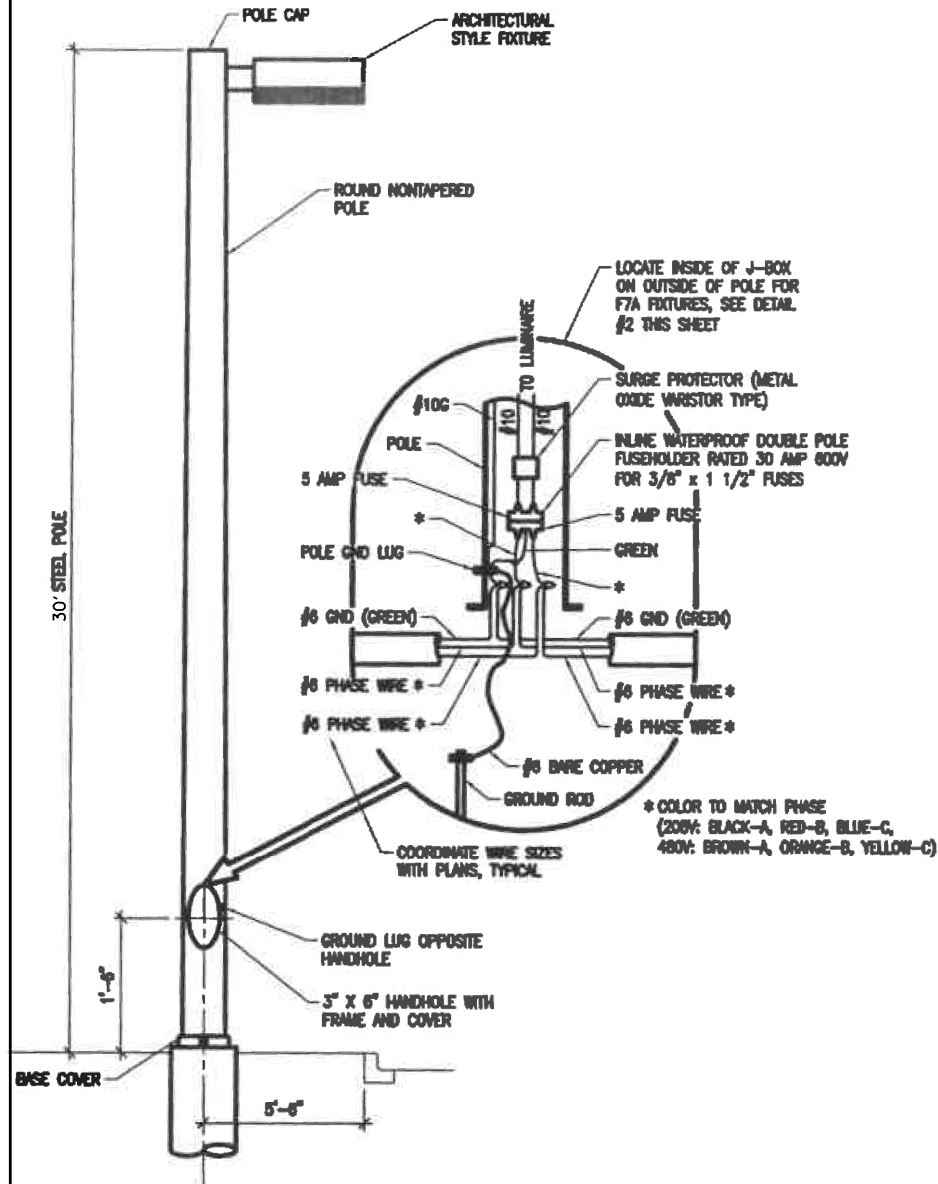
3 LIGHTING CONTROLLER FOUNDATION
NO SCALE (TOP VIEW)



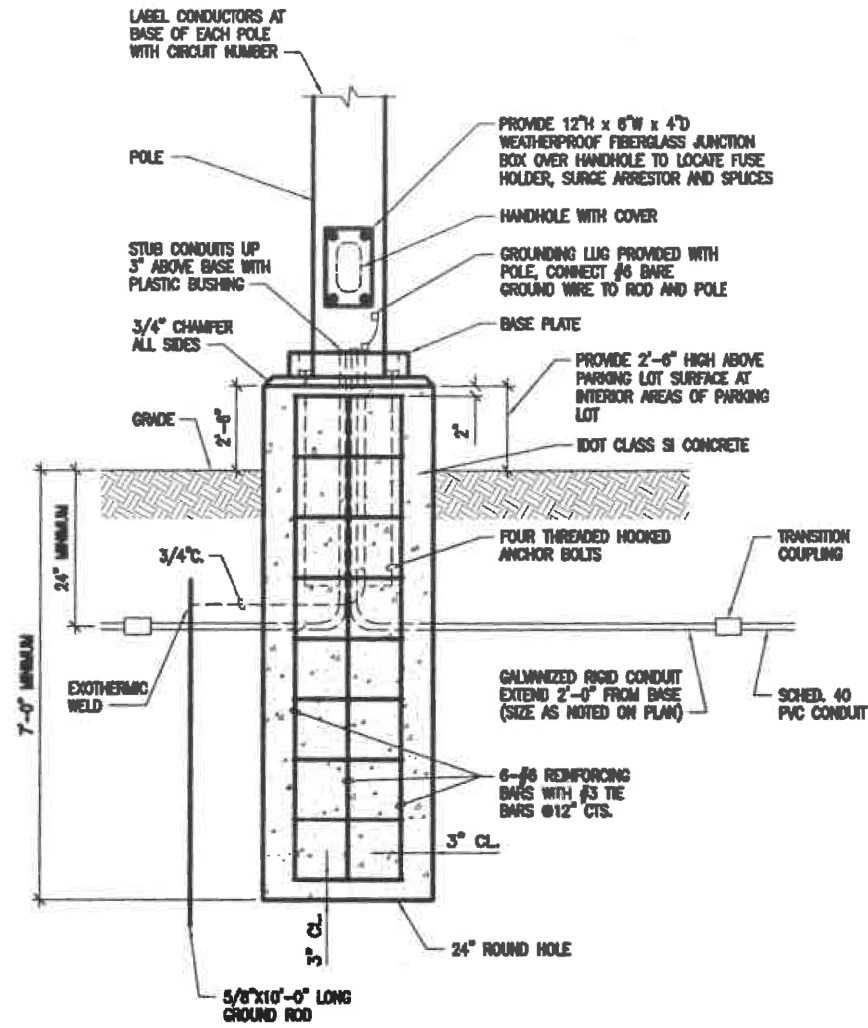
4 AIRPORT ROADWAY AND PARKING LOT LIGHTING CONTROLLER
NO SCALE



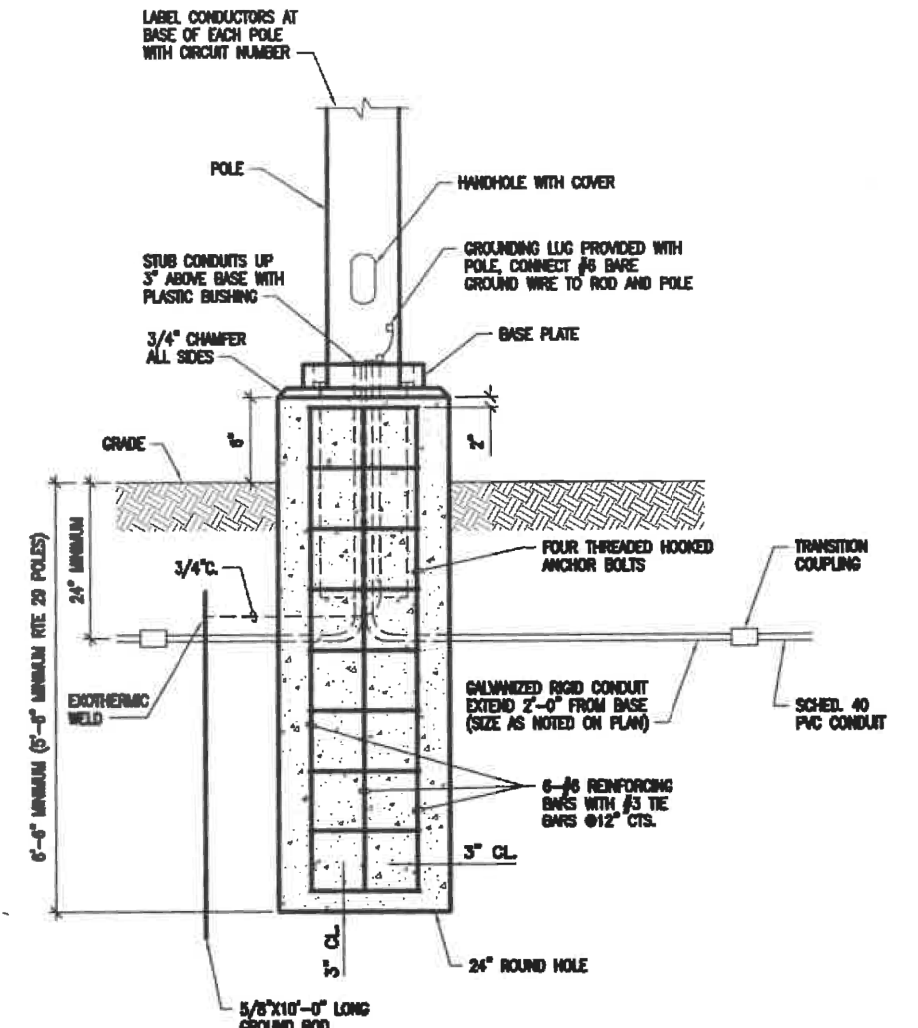
5 DATA DUCT BANK
NO SCALE



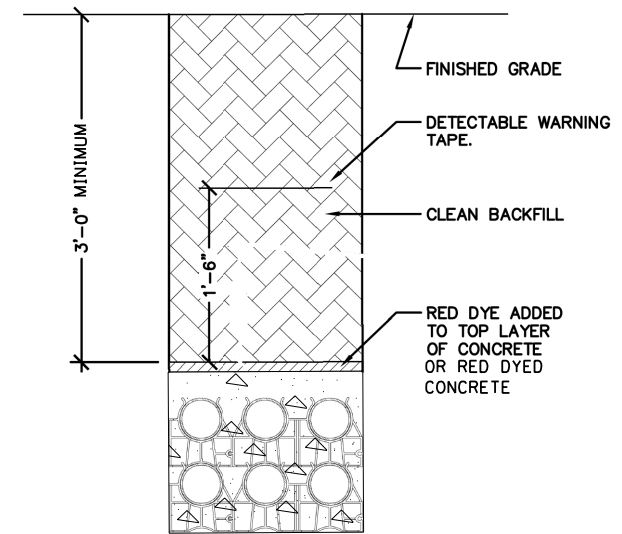
1 LIGHT POLE DETAIL (TYPICAL)
NO SCALE



2 LIGHT POLE FOUNDATION DETAIL (TYPE F7A)
NO SCALE



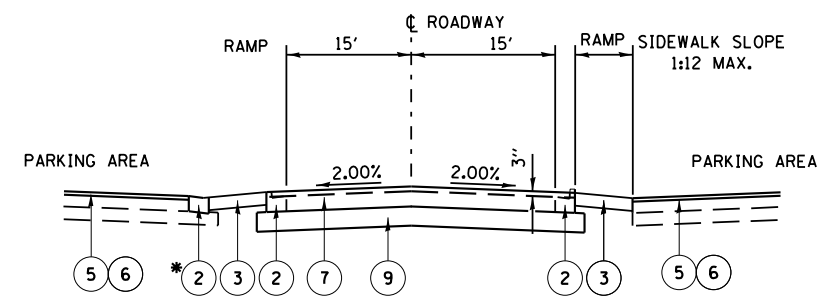
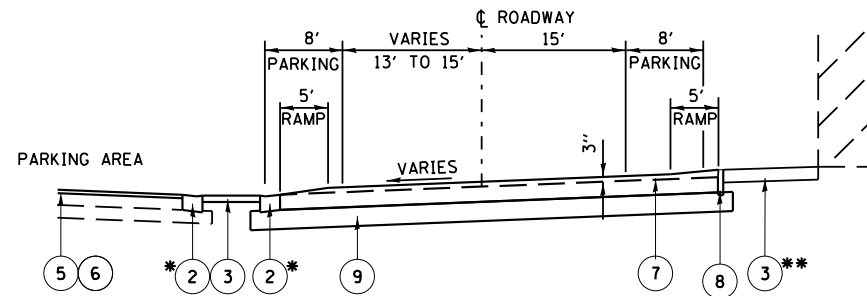
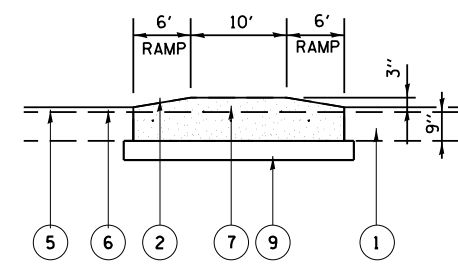
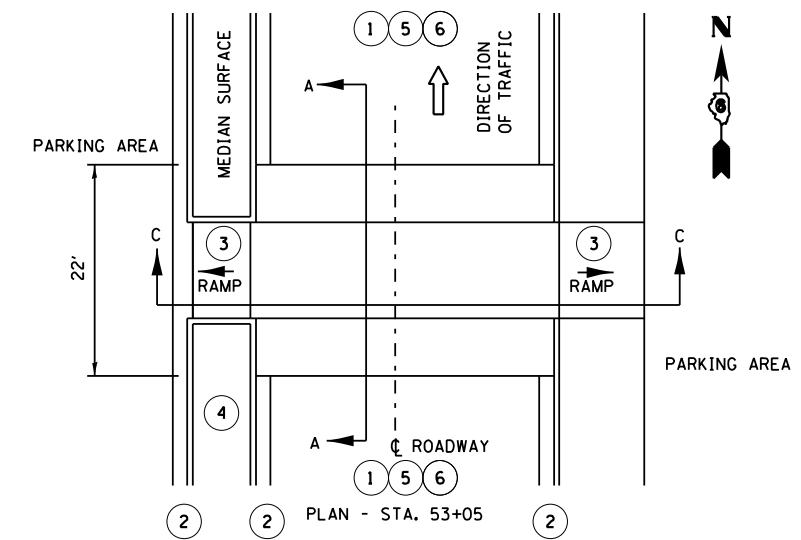
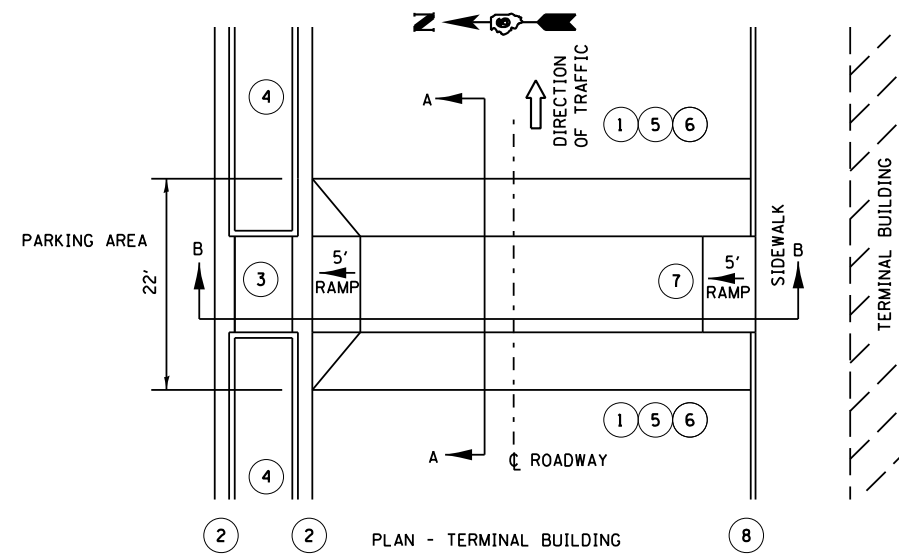
3 LIGHT POLE FOUNDATION DETAIL (TYPES F7, F7B, F8, F8A)
NO SCALE (INCLUDING EXISTING RTE 29 LIGHTING POLES)



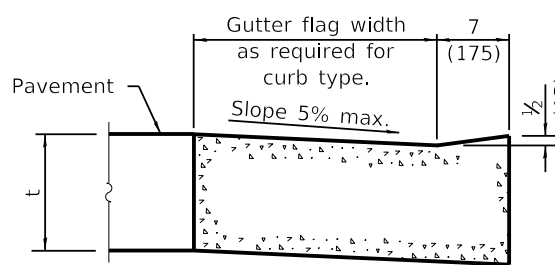
4 TYPICAL 2X3 DUCT BANK DETAIL
NO SCALE

LEGEND

- ① EXISTING BITUMINOUS PAVEMENT
- ② PROPOSED COMBINATION CONCRETE CURB AND GUTTER (TYPE B-6.18)
- ③ PROPOSED 4" PCC (PORTLAND CEMENT CONCRETE) SIDEWALK
- ④ PROPOSED CONCRETE MEDIAN SURFACE, 4"
- ⑤ BITUMINOUS PAVEMENT MILLING (1/2" MAX)
- ⑥ PROPOSED BITUMINOUS SURFACE COURSE, METHOD 1, SUPERPAVE, 1/2"
- ⑦ PROPOSED PEDESTRIAN CROSSWALK TABLE
- ⑧ CONCRETE CURB TYPE B, 6"
- ⑨ CRUSHED AGG. BASE COURSE 12"

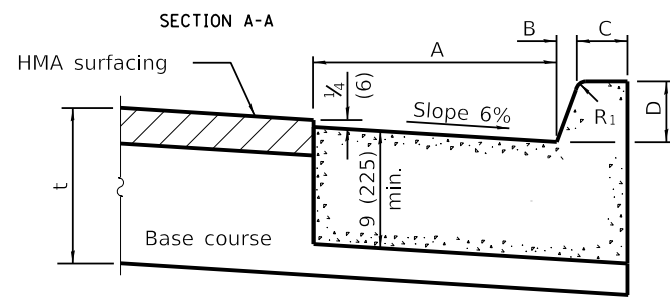


**PROPOSED PEDESTRIAN CROSSWALK TABLE DETAIL
CAPITAL AIRPORT DRIVE**

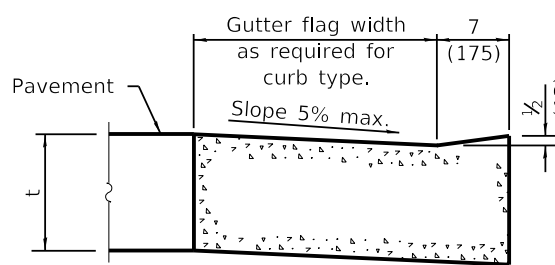


*USE DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED WITHIN LIMITS OF PEDESTRIAN CROSSWALK TABLE
**SIDEWALK IN FRONT OF TERMINAL BUILDING BY OTHERS STA. 51+45 TO 56+90

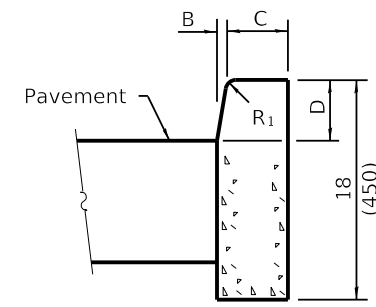
**BARRIER CURB AND GUTTER
ON DISTURBED SUBGRADE**



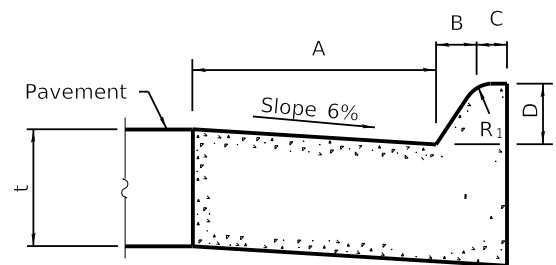
**DEPRESSED CURB ADJACENT
TO CURB RAMP ACCESSIBLE
TO THE DISABLED**



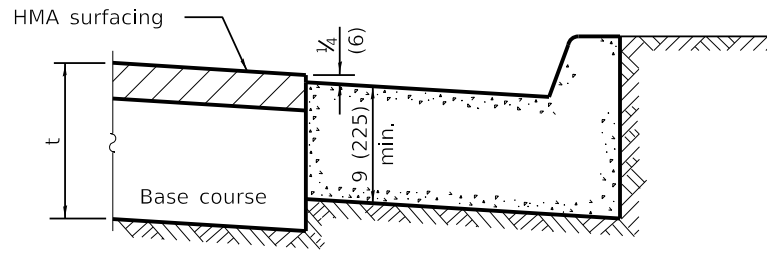
BARRIER CURB



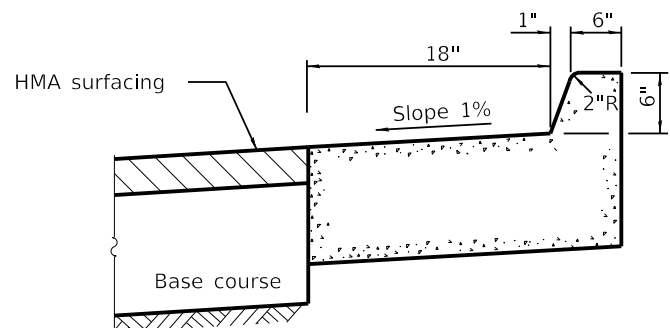
MOUNTABLE CURB



**BARRIER CURB AND GUTTER
ON UNDISTURBED SUBGRADE**



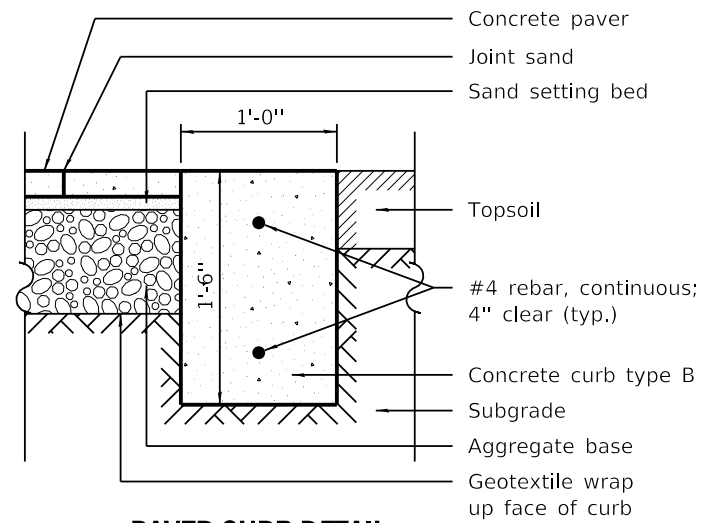
MODIFIED BARRIER CURB



TYPE	A	B	C	D	R ₁
B-6.18	18	1	6	6	1
(B-15.45)	(450)	(25)	(150)	(150)	(25)
B-6		1	6	NOTE	1
(B-15)		(25)	(150)	1	(25)

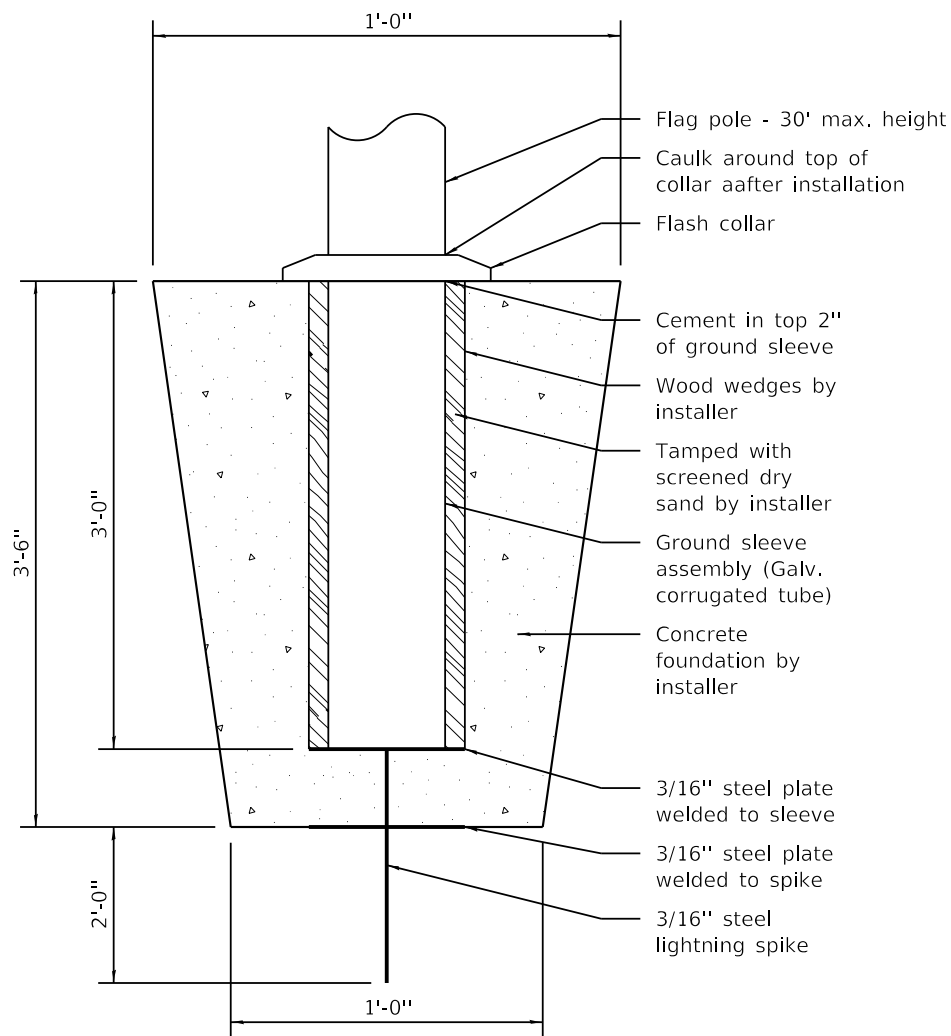
NOTE 1: VARIABLE 1-6" AS REQUIRED TO MATCH ELEVATION OF ADJACENT SIDEWALK.

TYPE	A	B	C	D	R ₁	R ₂
M-4.12	12	4	3	4	3	NA
(M-10.30)	(300)	(100)	(75)	(100)	(75)	NA



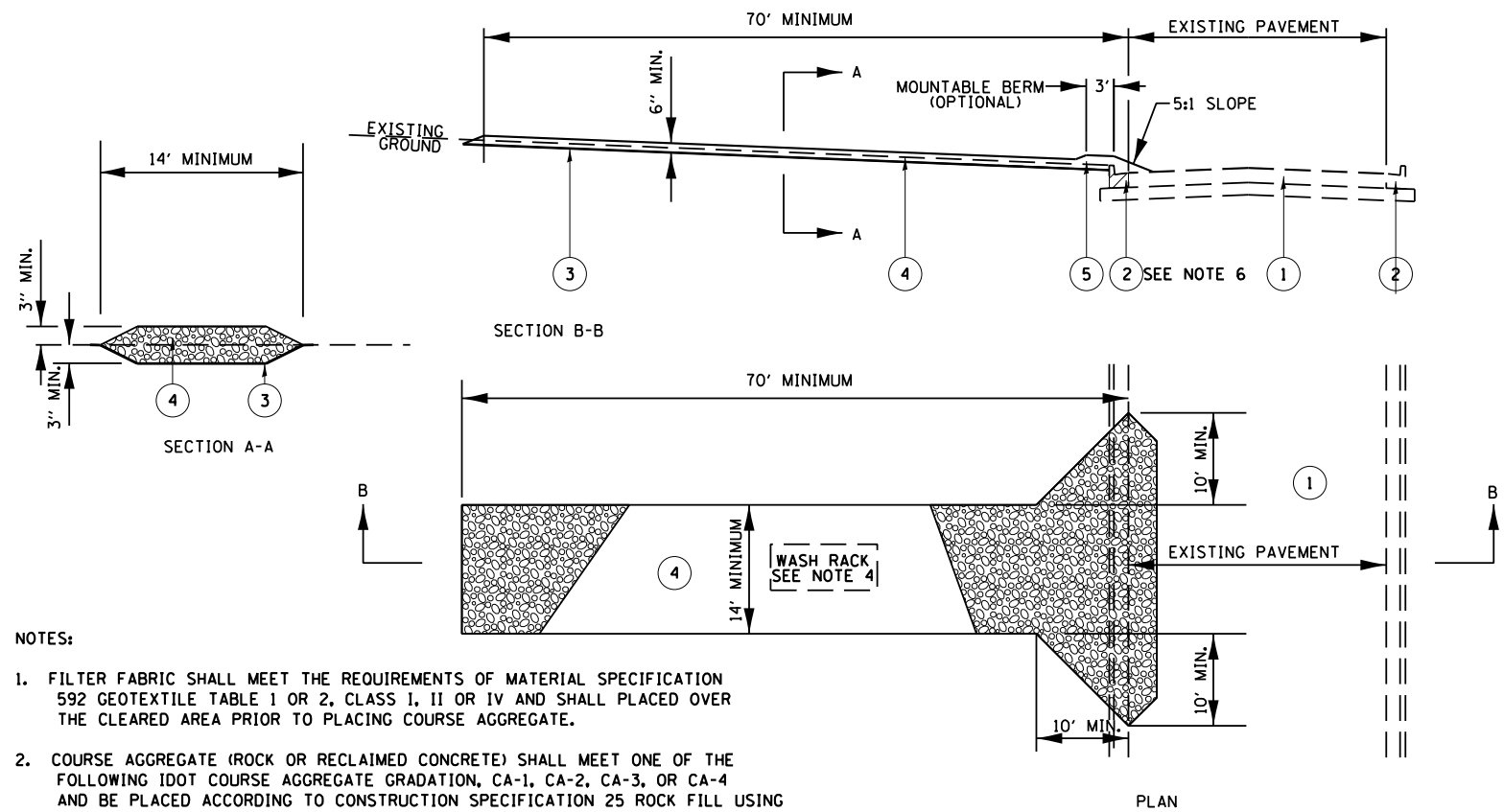
PAVER CURB DETAIL

Sta. 51+38, 15.7 LT.



FLAG POLE FOOTING

Sta. 51+87, 25.7' LT.
Sta. 52+03, 26.8' LT.
Sta. 52+19, 27.7' LT.



NOTES:

1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE TABLE 1 OR 2, CLASS I, II OR IV AND SHALL PLACED OVER THE CLEARED AREA PRIOR TO PLACING COURSE AGGREGATE.
2. COURSE AGGREGATE (ROCK OR RECLAIMED CONCRETE) SHALL MEET ONE OF THE FOLLOWING IDOT COURSE AGGREGATE GRADATION, CA-1, CA-2, CA-3, OR CA-4 AND BE PLACED ACCORDING TO CONSTRUCTION SPECIFICATION 25 ROCK FILL USING PLACEMENT METHOD 1 AND CLASS III COMPACTION.
3. ANY DRAINAGE FACILITIES REQUIRED BE CASE OF WASHING SHALL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.
4. IF WASH RACKS ARE USED THEY SHALL BE INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS.
5. LENGTH OF TEMPORARY CONSTRUCTION ENTRANCE SHALL BE THE LESSER OF 70 FEET OR THE DISTANCE BETWEEN EXISTING PAVEMENT AND THE LIMITS OF GRADING BUT NO LESS THAN 50 FEET.
6. ANY DAMAGE TO EXISTING PAVEMENT AND CONCRETE CURB OR CONCRETE CURB AND GUTTER SHALL BE REPLACED BY THE CONTRACTOR FOR THE ENTIRE WIDTH OF THE TEMPORARY CONSTRUCTION ENTRANCE TO THE SATISFACTION OF THE ENGINEER.

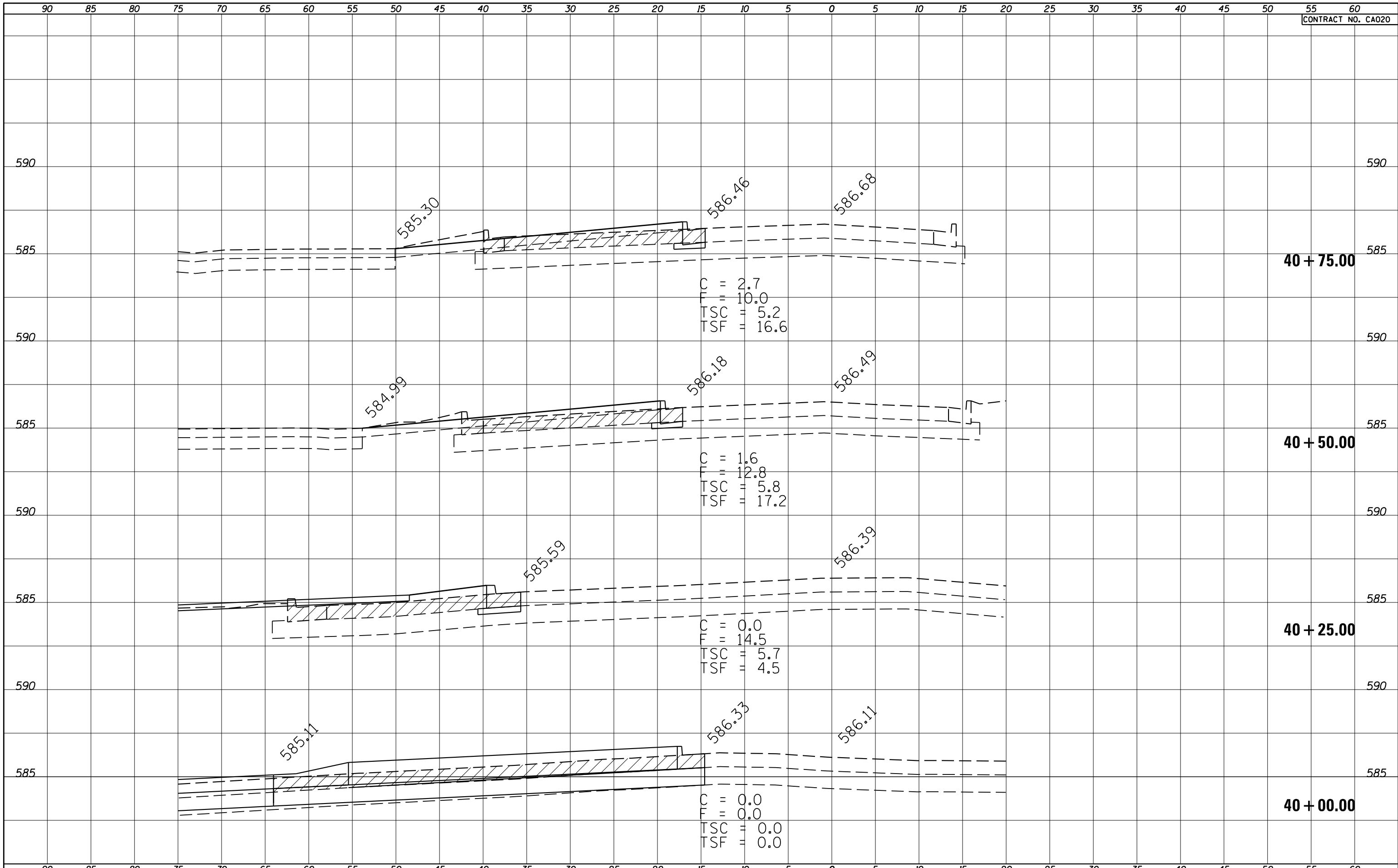
LEGEND

- ① EXISTING PAVEMENT
- ② EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ③ PROPOSED FILTER FABRIC
- ④ PROPOSED COURSE AGGREGATE
- ⑤ MOUNTABLE BERM (OPTIONAL)

PROPOSED TEMPORARY CONSTRUCTION ENTRANCE DETAIL

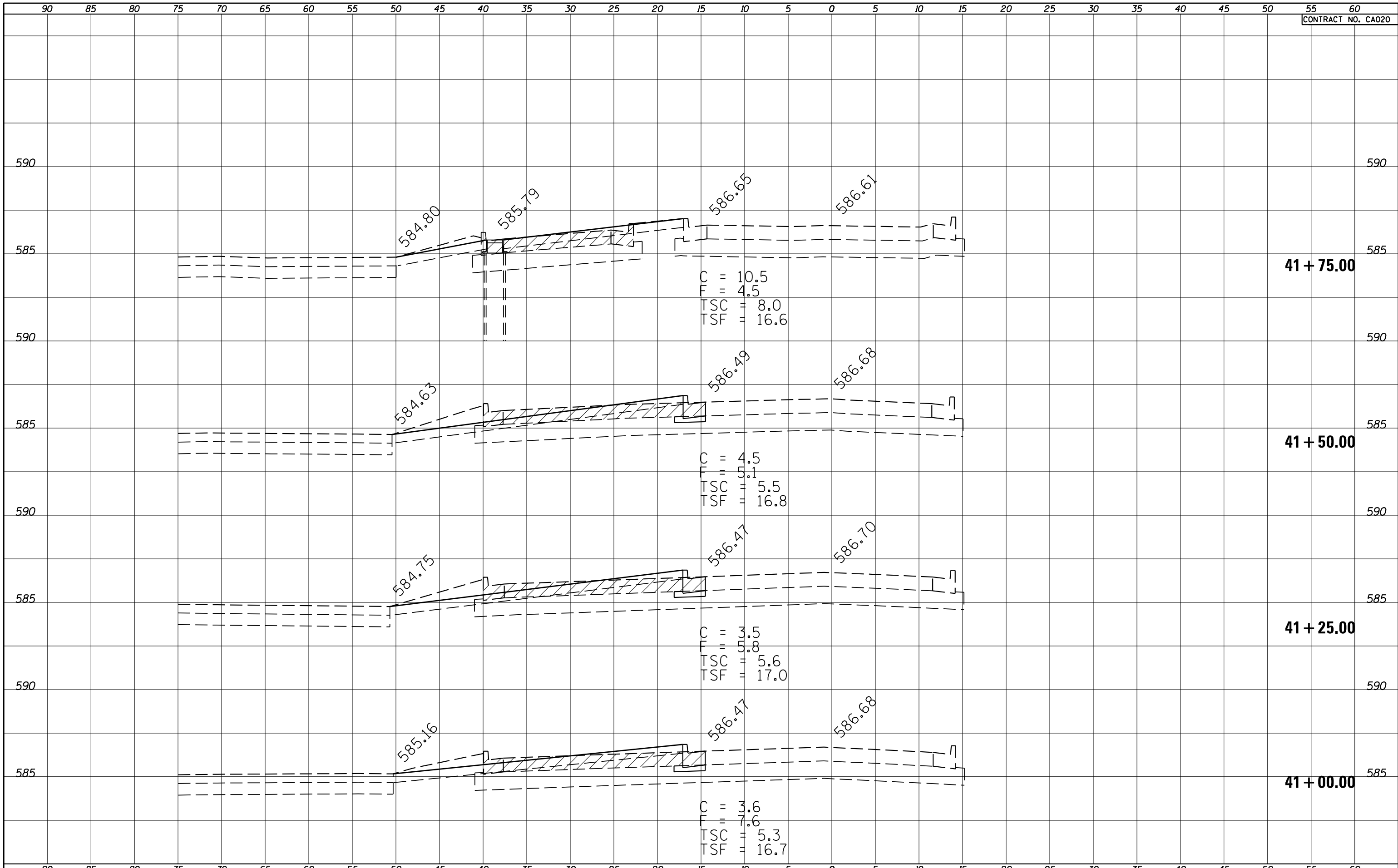
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NO.		FINAL	SURVEY	NOTE BOOK		

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



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

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



USER NAME = jcowley
 PLOT DATE = 3/16/2018

DESIGNED	REVISED -
DRAWN	REVISED -
CHECKED	REVISED -
DATE	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

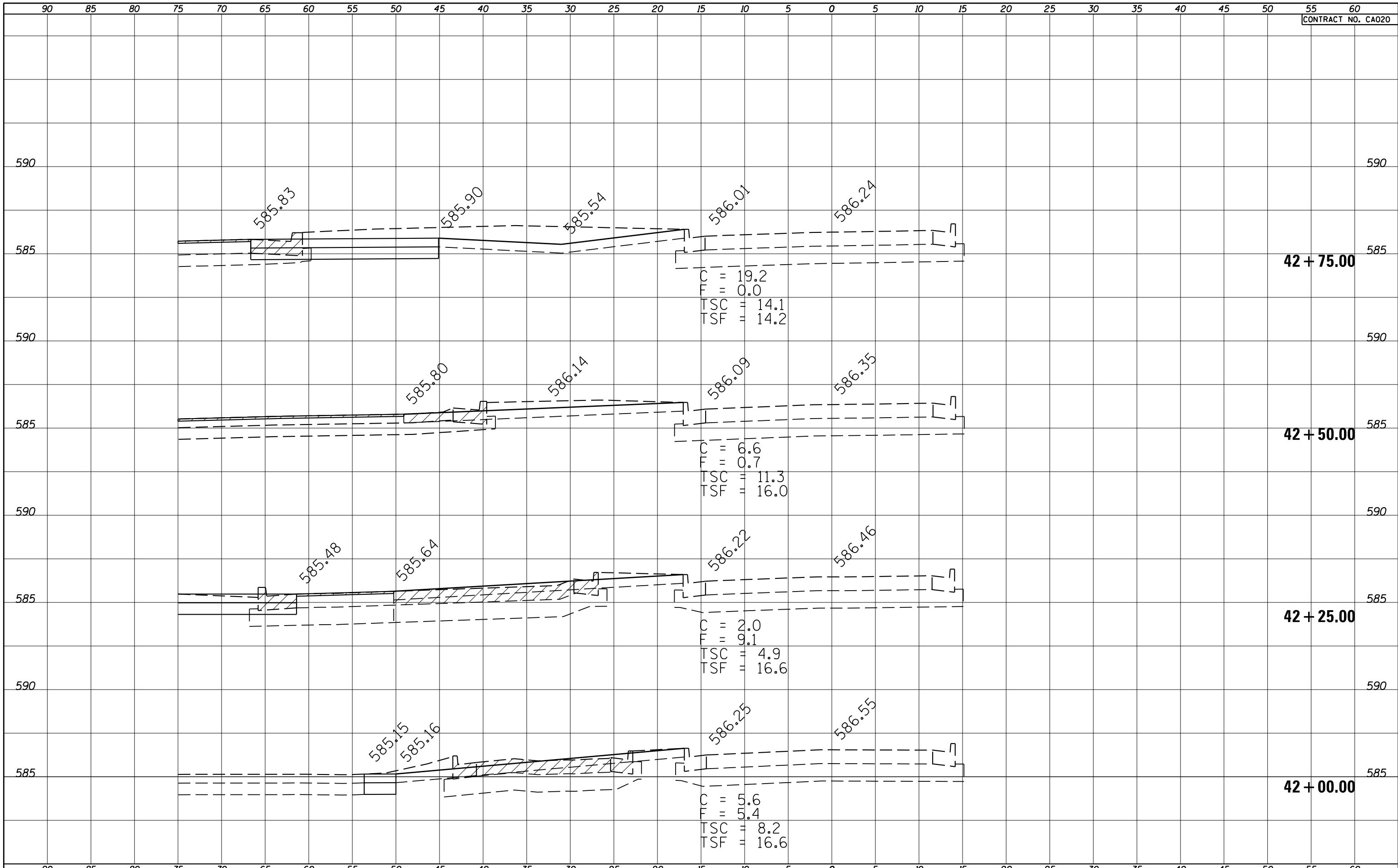
CAPITAL AIRPORT DRIVE
 CROSS SECTIONS



TOTAL SHEETS	SHEET NO.
75	67
IL. PROJ. SPI-4635	

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



USER NAME = jcwiley	DESIGNED	REVISED -
	DRAWN	REVISED -
	CHECKED	REVISED -
PLOT DATE = 3/16/2018	DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

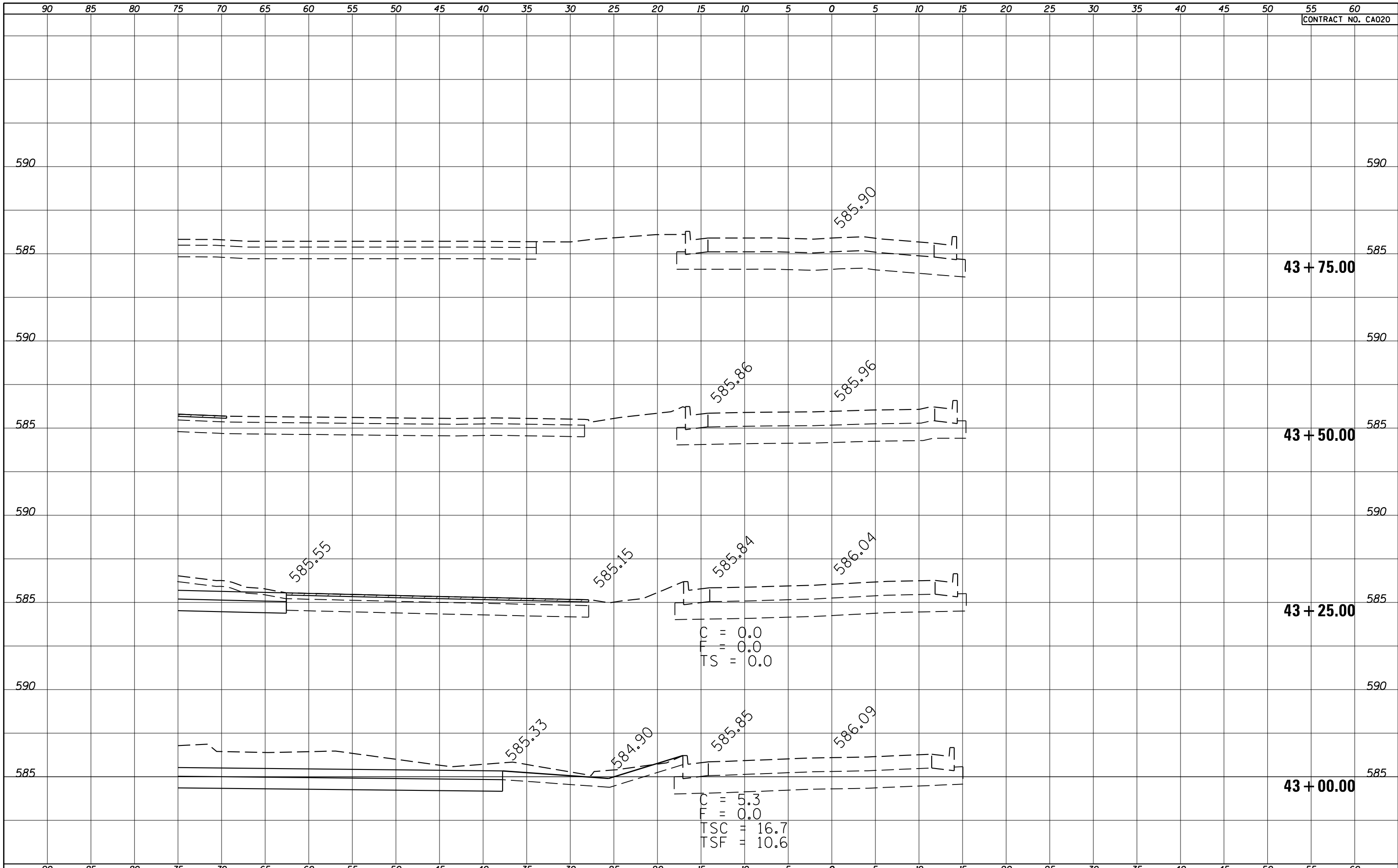
CAPITAL AIRPORT DRIVE
CROSS SECTIONS



TOTAL SHEETS	SHEET NO.
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IL. PROJ. SPI-4635	

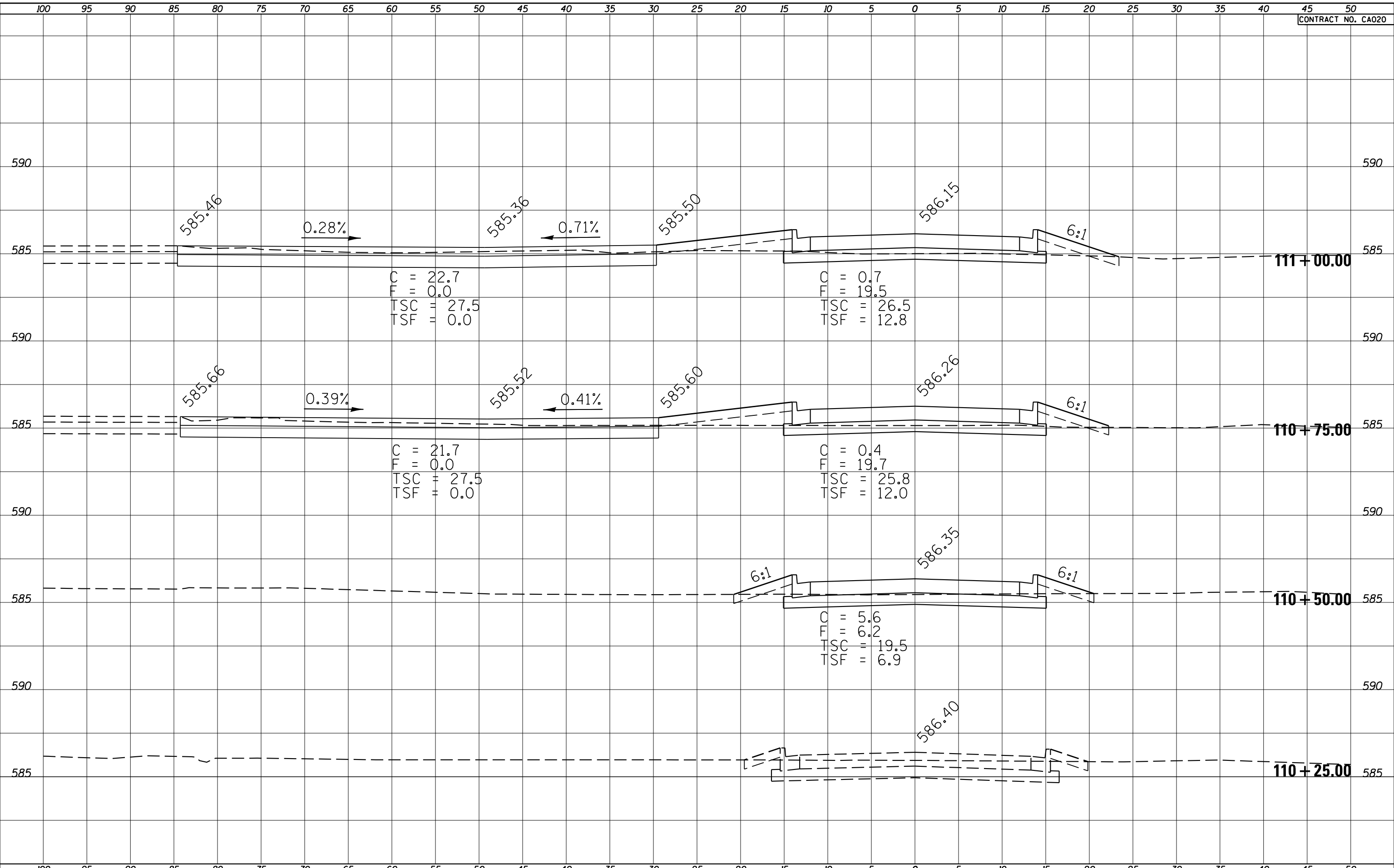
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NO.		FINAL SURVEY	NOTE BOOK	AREAS CHECKED

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



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ORIGINAL SURVEY	
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USER NAME = jcowley
 PLOT DATE = 3/16/2018

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DATE	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

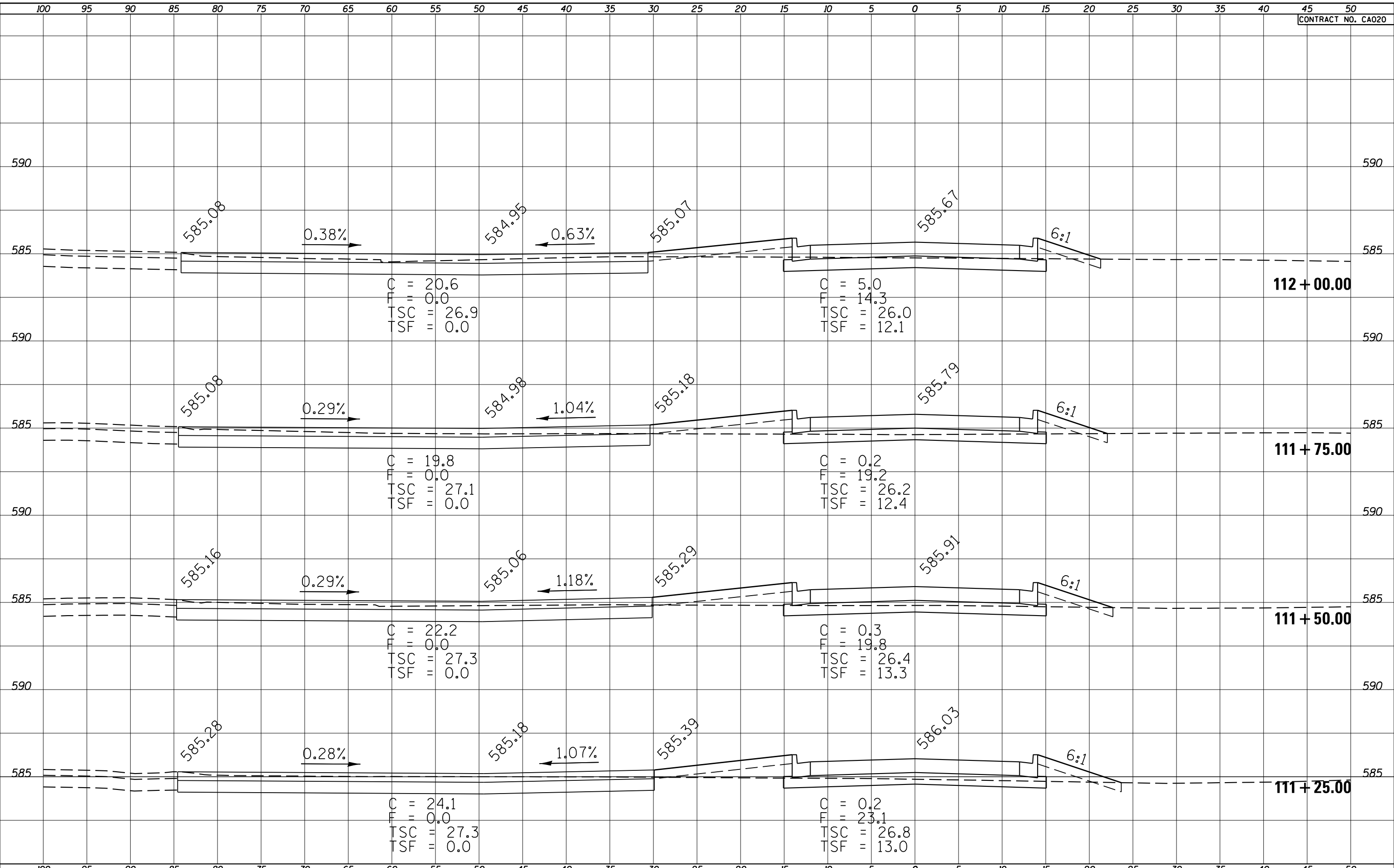
FBO ACCESS ROAD
 CROSS SECTIONS



TOTAL SHEETS	SHEET NO.
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IL. PROJ. SPI-4635	

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FINAL SURVEY	
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ORIGINAL SURVEY	
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USER NAME = jcowley
 PLOT DATE = 3/16/2018

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CHECKED	REVISED -
DATE	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

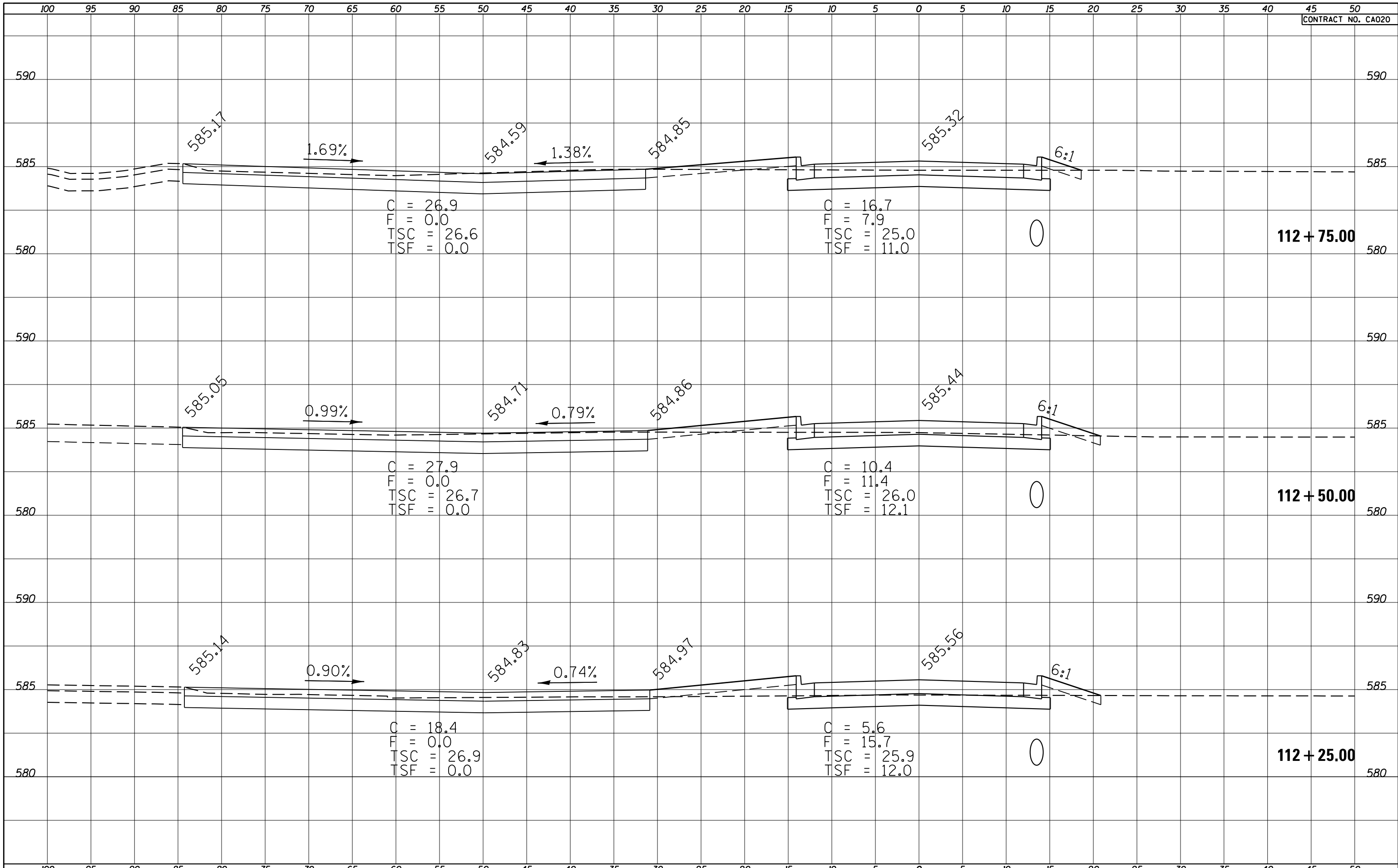
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TOTAL SHEETS	SHEET NO.
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IL. PROJ. SPI-4635	

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NOTE BOOK	
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KNIGHT

Engineers & Architects

USER NAME = jcwley
 PLOT DATE = 3/16/2018

DESIGNED
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 DATE

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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

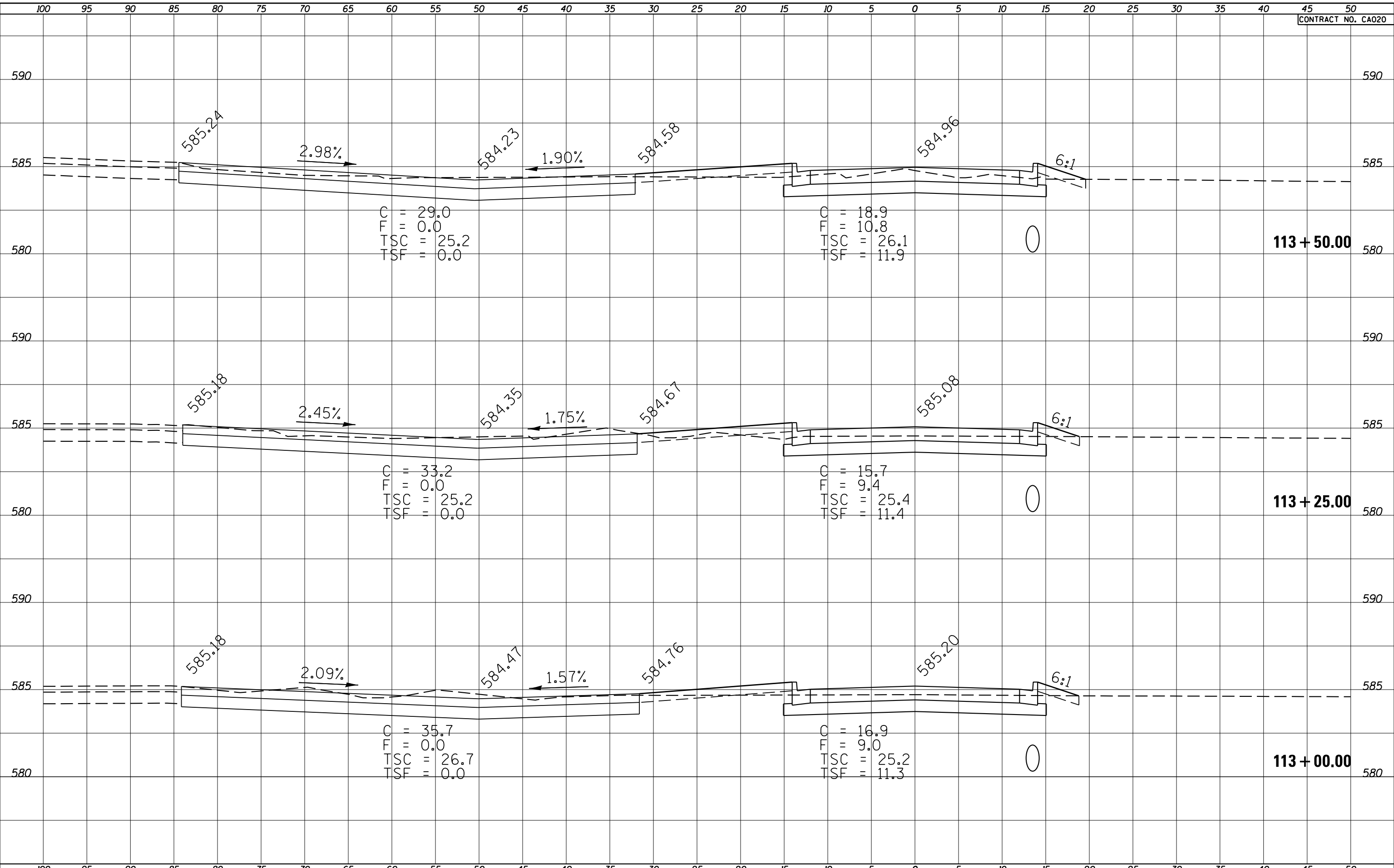
FBO ACCESS ROAD
 CROSS SECTIONS



TOTAL SHEETS 75 SHEET NO. 72
 IL. PROJ. SPI-4635

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ORIGINAL SURVEY	
NOTE BOOK	
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USER NAME = jcowley
 PLOT DATE = 3/16/2018

DESIGNED	REVISED -
DRAWN	REVISED -
CHECKED	REVISED -
DATE	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

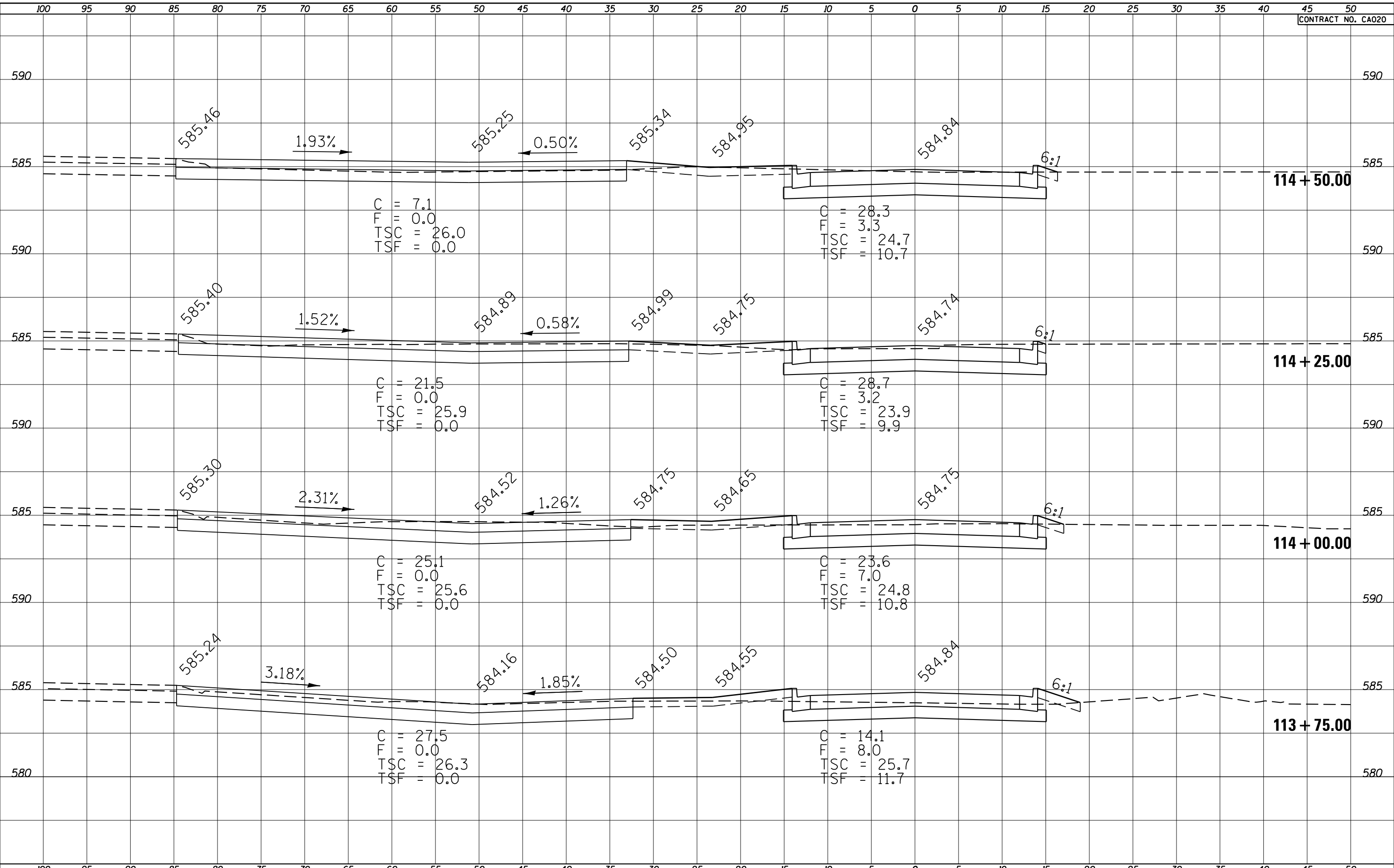
FBO ACCESS ROAD
 CROSS SECTIONS



TOTAL SHEETS	SHEET NO.
75	73
IL. PROJ. SPI-4635	

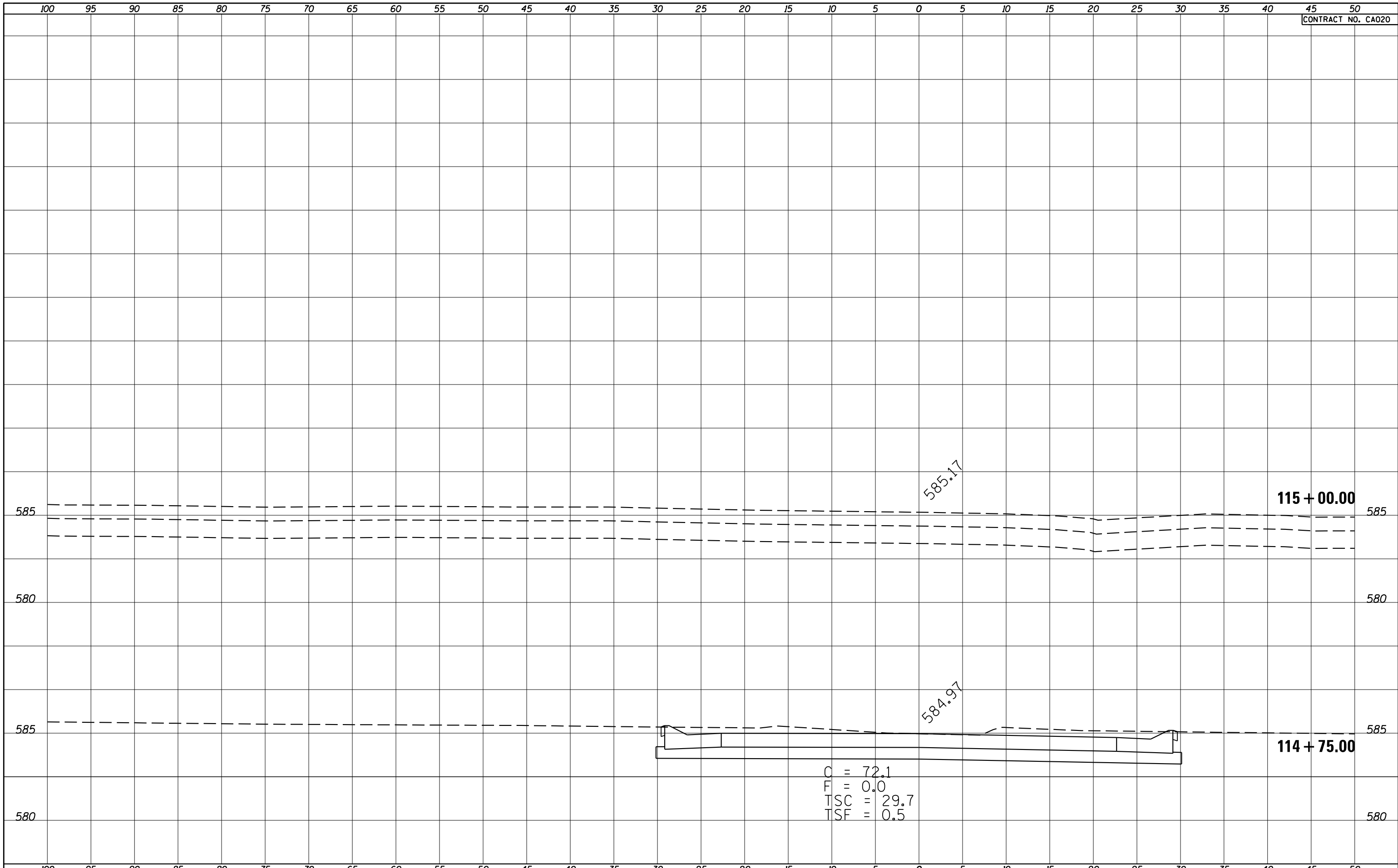
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NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
NO.	



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DRAWN	REVISED -
CHECKED	REVISED -
DATE	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

FBO ACCESS ROAD
 CROSS SECTIONS



TOTAL SHEETS	SHEET NO.
75	75
IL. PROJ. SPI-4635	