

CONSTRUCTION PLANS FOR ABRAHAM LINCOLN CAPITAL AIRPORT

SPRINGFIELD AIRPORT AUTHORITY SPRINGFIELD, IL

IL. PROJ. NO: SPI-4614
AIP PROJ. NO: 3-17-0096-XX

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

JUNE 30, 2017

811 Know what's below.
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Phone: 811

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL 911 IN THE EVENT IN WHICH DAMAGE RESULTS IN THE RELEASE OF NATURAL GAS.

DESIGN INFORMATION

GEOMETRIC CRITERIA

PERIMETER ROADWAYS

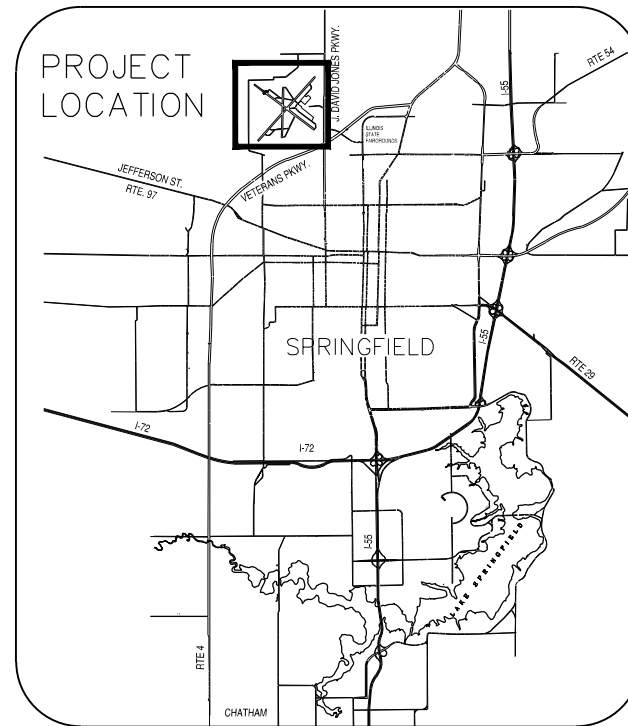
LOW SPEED URBAN STREET
35 MPH DESIGN SPEED

NE ARM/DE-ARM MARKING

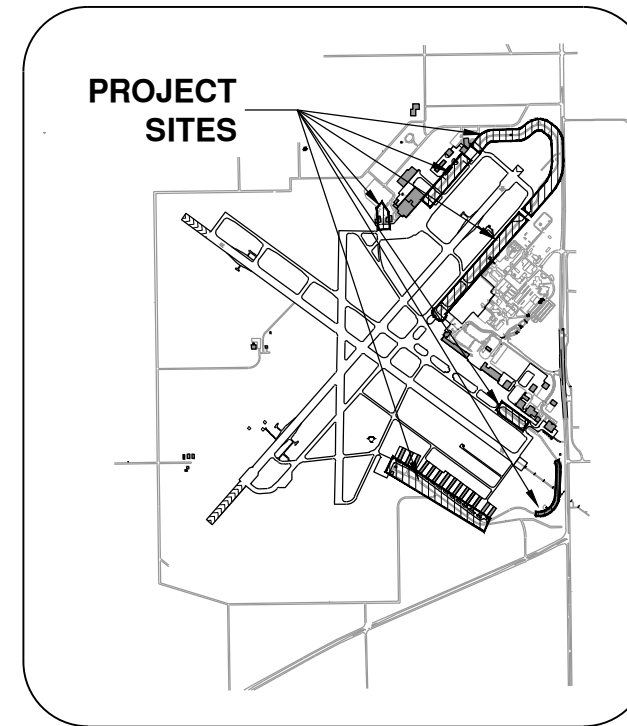
DESIGN GROUP: ADG IV
WINGTIP CLEARANCE: 44 FT
TSA: 171 FT
OFA: 259 FT

ABRAHAM LINCOLN CAPITAL AIRPORT

TOWNSHIP: 16 NORTH
RANGE: 5 WEST OF THE 4TH P.M.
SECTION: 8, 9, 16 & 17
COUNTY: SANGAMON
CIVIL TOWNSHIP: CAPITAL




LOCATION MAP



SITE PLAN


ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD AIRPORT AUTHORITY
SPRINGFIELD, ILLINOIS

APPROVED *Mark E. Hanna*
EXECUTIVE DIRECTOR OF AVIATION
DATE JUNE 30, 2017

6/30/17

W. Ioerger
EXP. 11/30/17

CMT

■ SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

SUBMITTED BY *W. Ioerger*
DATE 6/30/17

CMT JOB NUMBER: 14035-07-00

JUNE 30, 2017

**REHABILITATE PERIMETER
ACCESS ROADS - PHASE 2**

OWNER


**SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL**

MARK	DATE	DESCRIPTION

AIP PROJ. NO: 3-17-0096-XX

IL PROJ. NO: SPI-4614

CMT PROJECT NO: 14035-07-00

CAD DWG FILE: SPI4440-1403507-GI002.DWG

DESIGNED BY: AJB

DRAWN BY: DPA

CHECKED BY: RLV

APPROVED BY: RLV

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SHEET TITLE

**INDEX TO
SHEETS-SUMMARY
OF QUANTITIES**
SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	BASE BID QUANTITY	BASE BID			
				PUBLIC SAFETY RD. QUANTITY	TXY G PERIMETER RD. QUANTITY	NE PERIMETER RD. QUANTITY	TXY A PERIMETER RD. QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	LS	1	1	0	0	0
AR152410	UNCLASSIFIED EXCAVATION	CY	11075	830	1365	5730	3150
AR152480	SHOULDER ADJUSTMENT	SY	14890	615	1615	7435	5225
AR152515	SUBGRADE UNDERCUT	CY	1750	150	245	795	560
AR152540	SOIL STABILIZATION FABRIC	SY	5210	440	725	2375	1670
AR156520	INLET PROTECTION	EA	12	1	3	0	8
AR162570	DETECTOR LOOP	LS	1	1	0	0	0
AR209604	CRUSHED AGG. BASE COURSE - 4"	SY	580	580	0	0	0
AR209606	CRUSHED AGG. BASE COURSE - 6"	SY	1140	1140	0	0	0
AR209613	CRUSHED AGG. BASE COURSE - 13"	SY	18680	0	2830	9310	6540
AR401610	BITUMINOUS SURFACE COURSE	TON	2150	0	390	1035	725
AR401655	BUTT JOINT CONSTRUCTION	SY	655	0	655	0	0
AR401665	BITUMINOUS PAVEMENT SAWING	LF	1645	140	1230	60	215
AR401900	REMOVE BITUMINOUS PAVEMENT	SY	18220	925	2730	8215	6350
AR403610	BITUMINOUS BASE COURSE	TON	6325	0	960	3150	2215
AR403630	BITUMINOUS BASE TEST SECTION	EA	1	0	1	0	0
AR501505	5" PCC PAVEMENT	SY	580	580	0	0	0
AR501511	11" PCC PAVEMENT	SY	1095	1095	0	0	0
AR501530	PCC TEST BATCH	EA	1	1	0	0	0
AR501604	4" PCC SIDEWALK	SF	1485	1485	0	0	0
AR501690	PCC SIDEWALK REMOVAL	SF	1355	1355	0	0	0
AR501900	REMOVE PCC PAVEMENT	SY	440	440	0	0	0
AR602510	BITUMINOUS PRIME COAT	GAL	5720	0	865	2850	2005
AR603510	BITUMINOUS TACK COAT	GAL	11830	0	2125	5700	4005
AR620520	PAVEMENT MARKING - WATERBORNE	SF	6135	135	4095	680	1225
AR620525	PAVEMENT MARKING - BLACK BORDER	SF	2585	0	2495	0	90
AR620900	PAVEMENT MARKING REMOVAL	SF	2730	0	0	0	2730
AR901510	SEEDING	AC	3.1	0	0.4	1.6	1.1
AR901511	SEEDING - FORMULA 1	AC	0.1	0.1	0	0	0
AR908510	MULCHING	AC	3.2	0.1	0.4	1.6	1.1
AR908520	EXCELSIOR BLANKET	SY	10165	660	1080	4960	3465
AR910200	ROADWAY SIGN	EA	14	1	5	2	6
AR910915	REMOVE ROADWAY SIGN	EA	7	0	6	1	0

ITEM NO.	ITEM DESCRIPTION	UNIT	ADD. ALT. #1 QUANTITY
AS125904	REMOVE TAXI GUIDANCE SIGN	EA	1
AS152410	UNCLASSIFIED EXCAVATION	CY	795
AS152480	SHOULDER ADJUSTMENT	SY	1315
AS152515	SUBGRADE UNDERCUT	CY	140
AS152540	SOIL STABILIZATION FABRIC	SY	420
AS209613	CRUSHED AGG. BASE COURSE - 13"	SY	1650
AS401610	BITUMINOUS SURFACE COURSE	TON	190
AS401655	BUTT JOINT CONSTRUCTION	SY	70
AS401665	BITUMINOUS PAVEMENT SAWING	LF	215
AS401900	REMOVE BITUMINOUS PAVEMENT	SY	1620
AS403610	BITUMINOUS BASE COURSE	TON	560
AS602510	BITUMINOUS PRIME COAT	GAL	505
AS603510	BITUMINOUS TACK COAT	GAL	1050
AS608510	EXISTING ASPHALT SURFACE TREATMENT	SY	3885
AS620520	PAVEMENT MARKING - WATERBORNE	SF	1640
AS620525	PAVEMENT MARKING - BLACK BORDER	SF	1040
AS752515	GRATING FOR CONC. FES 15"	EA	3
AS752518	GRATING FOR CONC. FES 18"	EA	6
AS752530	GRATING FOR CONC. FES 30"	EA	1
AS901510	SEEDING	AC	0.3
AS908510	MULCHING	AC	0.3
AS908520	EXCELSIOR BLANKET	SY	880
AS910200	ROADWAY SIGN	EA	2
AS910915	REMOVE ROADWAY SIGN	EA	2

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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 HIS/HER 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 NOTED BELOW AND AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN (CAP) SHEET.

3. AREAS AND OPERATIONS AFFECTED BY THE CONSTRUCTION ACTIVITY

1. ALL RUNWAYS, TAXIWAYS AND APRONS SHALL BE KEPT OPEN TO AIRCRAFT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED ON THE PHASING PLAN.
2. WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT.
3. ALL CONSTRUCTION TRAFFIC SHALL IMMEDIATELY YIELD TO ONCOMING AIRCRAFT AT ALL TIMES.

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 SHALL BE AS NOTED BELOW AND AS SHOWN ON THE SITE PLAN AND CONSTRUCTION ACTIVITY PLAN SHEETS. ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR IS TO ACCESS THE SITE USING THE GATES SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ACCESS GATE(S) CLOSED DURING WORK HOURS OR THE CONTRACTOR SHALL POST A COMPETENT SECURITY GUARD TO CONTROL ACCESS AT THE GATE. THE CONTRACTOR SHALL REPLACE ANY UNSATISFACTORY SECURITY GUARDS AS DIRECTED.
3. 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.
4. 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.
5. 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.
6. CONTRACTOR'S VEHICLES AND EQUIPMENT SHALL BE MARKED AND FLAGGED PER SECTION 70-10 OF THE STANDARD SPECIFICATIONS. MAXIMUM HEIGHT OF CONTRACTOR'S EQUIPMENT WILL BE 25'.
7. 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 JOBSITE. WHILE INSIDE THE AOA, THE TRUCK DRIVERS SHALL BE SUPERVISED BY THE CONTRACTOR.
8. CONTRACTOR WORK CREWS MUST MAINTAIN RADIO CONTACT WITH THE AIR TRAFFIC CONTROL TOWER (ATCT) AT ALL TIMES WHEN ON THE MOVEMENT AREA. THE CONTRACTOR SHALL SUPPLY ALL APPROPRIATE RADIOS NEEDED FOR COMMUNICATIONS AND ONLY HIS PERSONNEL WHO HAVE SUCCESSFULLY PASSED THE APPROVED SAA TESTS MAY OPERATE THESE RADIOS.
9. THE CONTRACTORS STORAGE AND STAGING AREA WILL BE AS SHOWN IN THE PLANS.
10. 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.
11. WHEN THE CONTRACTOR IS NOT WORKING, EQUIPMENT SHALL BE STORED AT THE STAGING AREA.
12. 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.
13. 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 BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT.
14. ALL CONSTRUCTION TRAFFIC OPERATING ON, OR CROSSING RUNWAYS, TAXIWAYS AND APRONS OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER CONTROL BY A FLAGMAN OR ESCORT IN RADIO CONTACT WITH THE ATCT. THE CONTRACTOR SHALL PROVIDE HIS OWN FLAGMEN.
15. THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL CONSTRUCTION AREAS AND HAUL ROUTES WHICH WILL BE OPENED TO AIR TRAFFIC TO THE SATISFACTION OF THE AIRPORT. A POWER BROOM AND OPERATOR SHALL BE ON SITE AT ALL TIMES WHEN ACTIVE PAVEMENTS ARE UTILIZED FOR CONSTRUCTION TRAFFIC.

5. CONTRACTOR ACCESS (CONTINUED)

16. 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 BEGINNING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
17. ALL VEHICLE AND EQUIPMENT OPERATORS USED BY THE CONTRACTOR SHALL BE PROPERLY TRAINED BY THE CONTRACTOR.
18. 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. WILDLIFE MANAGEMENT

1. THE CONTRACTOR SHALL NOTIFY THE AIRPORT IF ANY WILDLIFE IS SEEN ENTERING THE AIRPORT.
2. CONTRACTOR ACCESS GATES SHALL REMAIN CLOSED WHEN THE CONTRACTOR IS NOT WORKING.
3. THE CONTRACTOR SHALL DISPOSE OF ALL TRASH INCLUDING FOOD SCRAPS IN APPROVED CONTRACTOR PROVIDED CONTAINERS.

7. 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 NOTAMS 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 AIRPORT 7 DAYS BEFORE STARTING WORK IN EACH PHASE. THIS WILL ENSURE THAT THE AIRPORT CAN CONTACT TENANTS ABOUT MOVING AIRCRAFT DURING THE TIME OF CONSTRUCTION.

8. INSPECTION REQUIREMENTS

1. THE CONTRACTOR SHALL INSPECT THE JOBSITE DAILY TO ENSURE COMPLIANCE WITH THE CSPP. 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 THE AREA BEING REOPENED. THE AIRPORT WILL DETERMINE IF THE WORK AREA IS ALLOWED TO BE OPENED.

9. 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.

10. 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.

11. SPECIAL CONDITIONS

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

12. RUNWAY AND TAXIWAY VISUAL AIDS

1. ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRPORT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLAN.
2. IF ANY RUNWAY OR TAXIWAY CLOSURES ARE REQUESTED BY THE CONTRACTOR AND APPROVED BY THE AIRPORT, THE CONTRACTOR SHALL USE MARKING, LIGHTING AND SIGNS THAT FOLLOWING THE REQUIREMENTS OF FAA AC 150/5370-2F.

13. MARKING AND SIGNS FOR ACCESS ROUTES

1. BARRICADES AND SIGNS SHALL BE USED ALONG THE CONTRACTOR'S ACCESS ROUTE AS DETAILED IN THE PLANS.

14. HAZARD MARKING AND LIGHTING

1. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED LIGHTING OF OPEN TRENCHES, EXCAVATIONS, TEMPORARY STOCKPILES, AND HIS/HER 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 INSURE PROPER PLACEMENT AND PROPER OPERATION OF THE RED LIGHTS AND FLAG PLACEMENT.

15. PROTECTION

1. ALL WORK REQUIRED INSIDE OF THE RUNWAY 4-22, 13-31 OR 18/36 SAFETY AREAS, WHICH EXTENDS 250' FROM THE RUNWAY CENTERLINE, WILL REQUIRE THE RUNWAY TO BE CLOSED. THE CONTRACTOR SHALL COORDINATE WITH THE AIRPORT A MINIMUM OF 72 HOURS PRIOR TO THE REQUESTED CLOSURE TIME.
2. ALL WORK REQUIRED ON AN ACTIVE TAXIWAY OR INSIDE OF AN ACTIVE TAXIWAY OBJECT FREE AREA, WHICH EXTENDS 93' FROM THE TAXIWAY CENTERLINE, WILL REQUIRE THE TAXIWAY TO BE CLOSED. THE CONTRACTOR SHALL COORDINATE WITH THE AIRPORT A MINIMUM OF 72 HOURS PRIOR TO THE REQUESTED CLOSURE TIME.
3. ALL WORK REQUIRED ON AN ACTIVE APRON OR INSIDE OF AN ACTIVE SAFETY AREA, WHICH EXTENDS 70' FROM THE APRON'S EDGE OF PAVEMENT, WILL REQUIRE A PORTION OF THAT APRON TO BE CLOSED. THE CONTRACTOR SHALL COORDINATE WITH THE AIRPORT A MINIMUM OF 72 HOURS PRIOR TO THE REQUESTED CLOSURE TIME.

16. 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.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEGGAR TESTING ALL EXISTING CIRCUITS PRIOR TO CONSTRUCTION AND FOLLOWING CONSTRUCTION AS SPECIFIED IN THE CONTRACT DOCUMENTS.

17. FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT

1. THE CONTRACTOR SHALL PICK UP ANY FOREIGN OBJECT DEBRIS (FOD) SEEN ON THE AIRFIELD PAVEMENTS.
2. THE CONTRACTOR SHALL SECURE ALL LOOSE ITEMS FROM VEHICLES PRIOR TO DRIVING ON AIRFIELD PAVEMENTS.

18. HAZARDOUS MATERIALS (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.



License No. 184-000613

CONSULTANTS

CA019

JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

MARK | DATE | DESCRIPTION

AIP PROJ. NO: 3-17-0096-XX

IL PROJ. NO: SPI-4614

CMT PROJECT NO: 14035-07-00

CAD DWG FILE: SPI4440-1403507-GC001.DWG

DESIGNED BY: AJB

DRAWN BY: DPA

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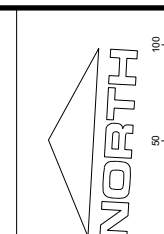
CONSTRUCTION ACTIVITY PLAN NOTES 1



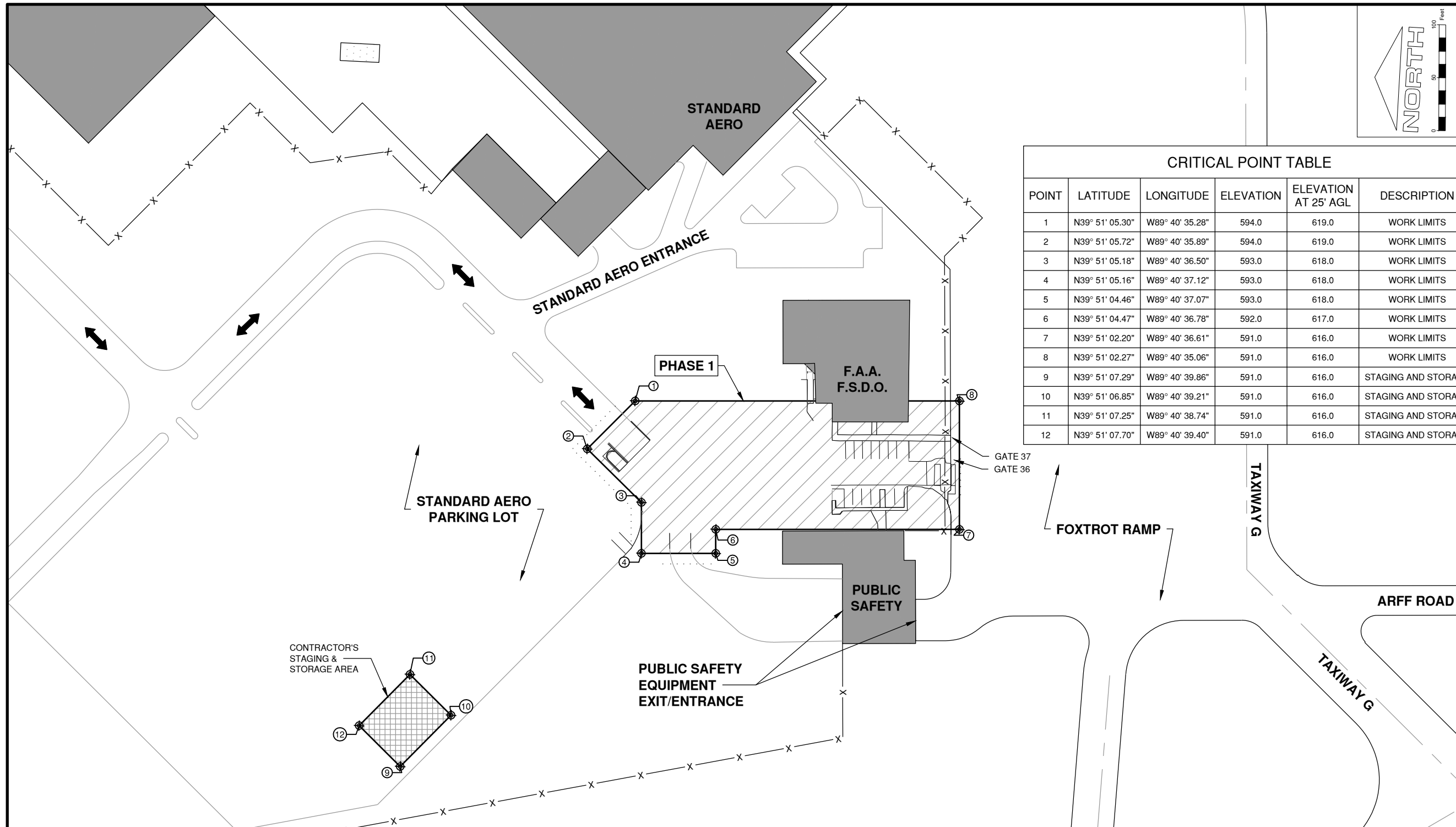
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IL PROJ. NO:	SP1-4614
CMT PROJECT NO:	14035-07-00
CAD DWG FILE:	SP14440-1403507-GC101.DWG
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**CONSTRUCTION
ACTIVITY PLAN 1**



CRITICAL POINT TABLE					
POINT	LATITUDE	LONGITUDE	ELEVATION	ELEVATION AT 25' AGL	DESCRIPTION
1	N39° 51' 05.30"	W89° 40' 35.28"	594.0	619.0	WORK LIMITS
2	N39° 51' 05.72"	W89° 40' 35.89"	594.0	619.0	WORK LIMITS
3	N39° 51' 05.18"	W89° 40' 36.50"	593.0	618.0	WORK LIMITS
4	N39° 51' 05.16"	W89° 40' 37.12"	593.0	618.0	WORK LIMITS
5	N39° 51' 04.46"	W89° 40' 37.07"	593.0	618.0	WORK LIMITS
6	N39° 51' 04.47"	W89° 40' 36.78"	592.0	617.0	WORK LIMITS
7	N39° 51' 02.20"	W89° 40' 36.61"	591.0	616.0	WORK LIMITS
8	N39° 51' 02.27"	W89° 40' 35.06"	591.0	616.0	WORK LIMITS
9	N39° 51' 07.29"	W89° 40' 39.86"	591.0	616.0	STAGING AND STORAGE
10	N39° 51' 06.85"	W89° 40' 39.21"	591.0	616.0	STAGING AND STORAGE
11	N39° 51' 07.25"	W89° 40' 38.74"	591.0	616.0	STAGING AND STORAGE
12	N39° 51' 07.70"	W89° 40' 39.40"	591.0	616.0	STAGING AND STORAGE

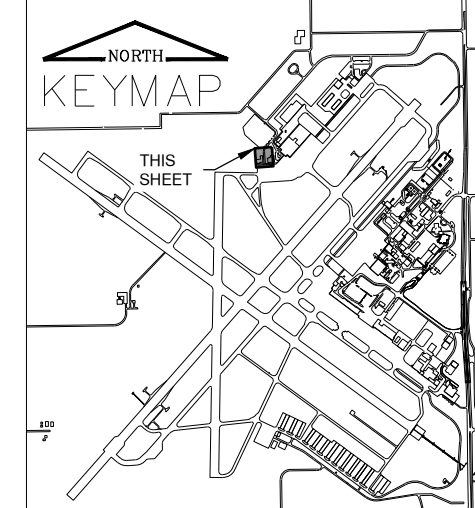


LEGEND

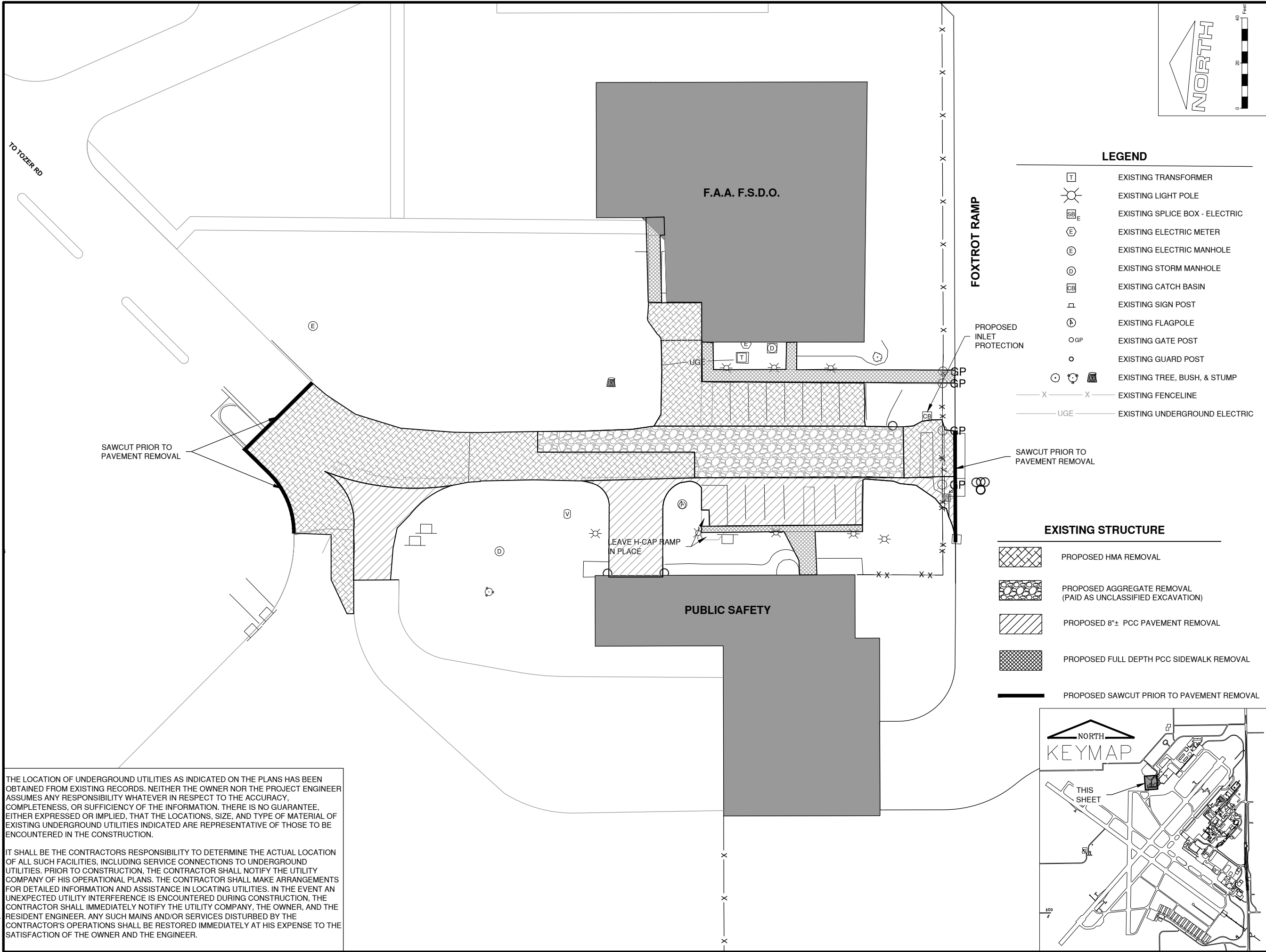
	PHASE LIMITS
	CONTRACTOR'S ACCESS/HAUL ROUTE
	EXISTING FENCE
	FLASHER BARRICADES

- PHASE 1 NOTES**
1. THE AIRPORT WILL REQUIRE 7 DAYS NOTICE PRIOR TO INITIATING THIS PHASE TO COORDINATE WITH THE NEARBY TENANTS.
 2. THE CONTRACTOR SHALL PLACE ALL BARRICADES AS SHOWN PRIOR TO STARTING WORK ON THIS PHASE.

- PHASE 1 - WORK DETAIL NOTES**
- CONSTRUCTION WORK IN PHASE 1 SHALL INCLUDE THE FOLLOWING:
- REMOVAL OF ROAD PAVEMENT & EXISTING ROADWAY AGGREGATE.
 - GRADING AND COMPACTING OF ROAD SUBGRADE.
 - CONSTRUCT NEW ROAD PAVEMENT STRUCTURE.



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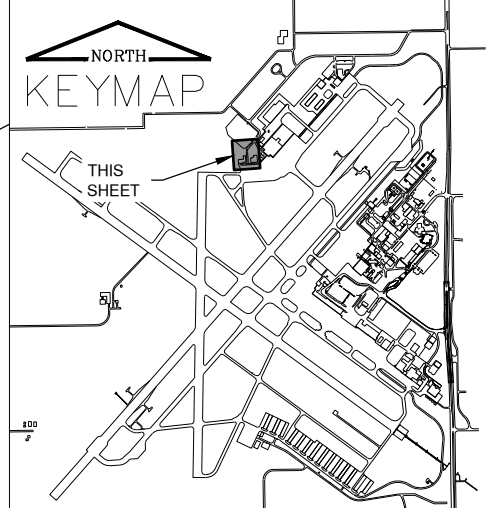


LEGEND

- EXISTING TRANSFORMER
- EXISTING LIGHT POLE
- EXISTING SPLICE BOX - ELECTRIC
- EXISTING ELECTRIC METER
- EXISTING ELECTRIC MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- EXISTING SIGN POST
- EXISTING FLAGPOLE
- EXISTING GATE POST
- EXISTING GUARD POST
- EXISTING TREE, BUSH, & STUMP
- EXISTING FENCELINE
- EXISTING UNDERGROUND ELECTRIC

EXISTING STRUCTURE

- PROPOSED HMA REMOVAL
- PROPOSED AGGREGATE REMOVAL (PAID AS UNCLASSIFIED EXCAVATION)
- PROPOSED 8"± PCC PAVEMENT REMOVAL
- PROPOSED FULL DEPTH PCC SIDEWALK REMOVAL
- PROPOSED SAWCUT PRIOR TO PAVEMENT REMOVAL



License No. 184-000613

CONSULTANTS

CA019

JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION
AIP PROJ. NO: 3-17-0096-XX		
IL PROJ. NO: SPI-4614		
CMT PROJECT NO: 14035-07-00		
CAD DWG FILE: SPI440-1403507-CD101.DWG		
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SHEET TITLE
PUBLIC SAFETY ROAD EXISTING CONDITIONS

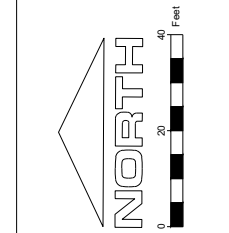
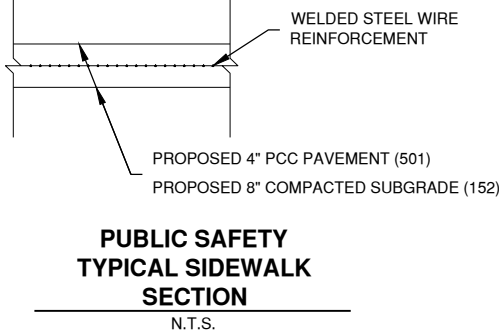
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THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE PROJECT ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.

IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY OF HIS OPERATIONAL PLANS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR DETAILED INFORMATION AND ASSISTANCE IN LOCATING UTILITIES. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY, THE OWNER, AND THE RESIDENT ENGINEER. ANY SUCH MAINS AND/OR SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED IMMEDIATELY AT HIS EXPENSE TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.

LEGEND

-  NEW PUBLIC SAFETY ROADWAY PAVEMENT (SEE SECTION B-B)
NEW 11" PCC PAVEMENT (501)
NEW 6" CRUSHED AGGREGATE BASE COURSE (209)
NEW COMPACTED SUBGRADE (152)
-  NEW PUBLIC SAFETY PARKING PAVEMENT (SEE SECTION C-C)
NEW 5" PCC PAVEMENT (501)
NEW 4" CRUSHED AGGREGATE BASE COURSE (209)
NEW COMPACTED SUBGRADE (152)
-  PROPOSED PAVEMENT MARKING
-  NEW 4" PCC SIDEWALK (501)



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JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

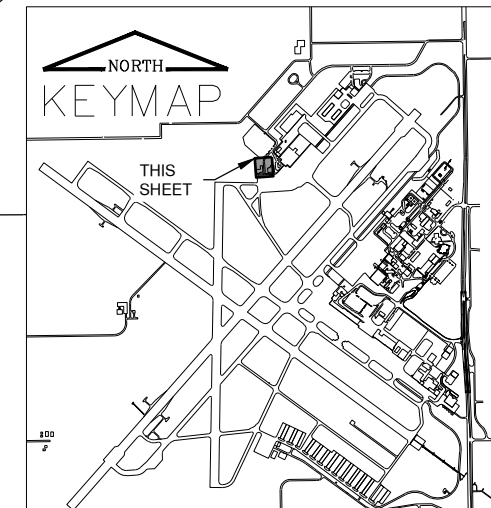
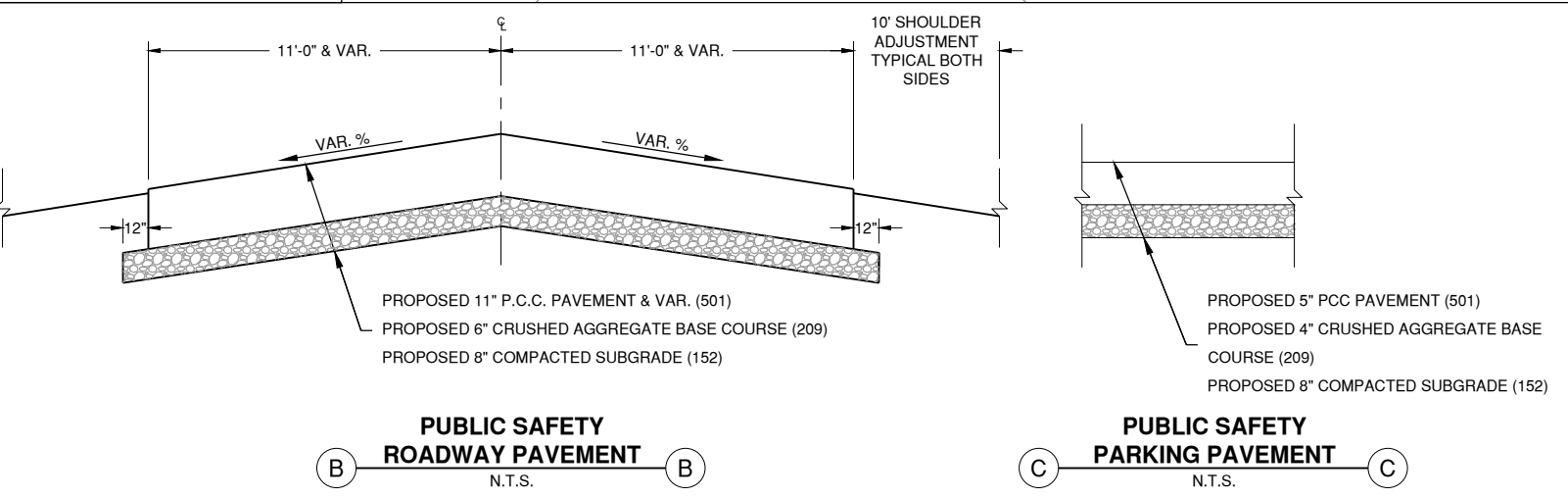
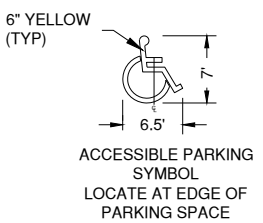
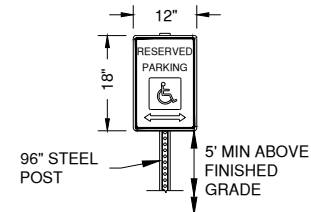
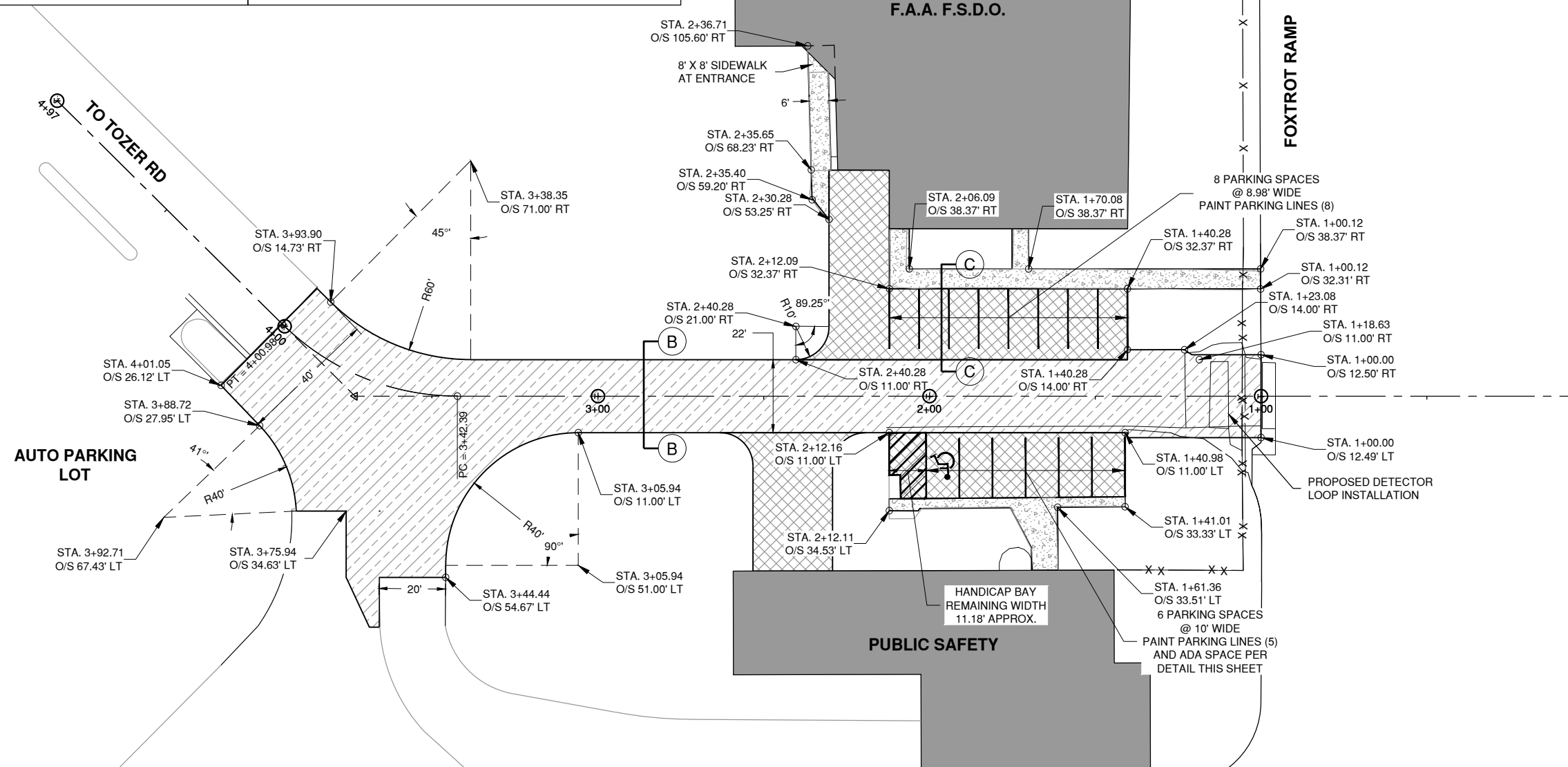
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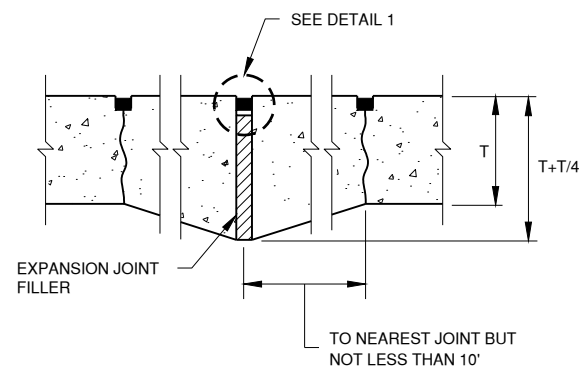
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ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

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CAD DWG FILE:	SP14440-1403507-CP101.DWG	
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SHEET TITLE
PUBLIC SAFETY ROAD PROPOSED IMPROVEMENTS

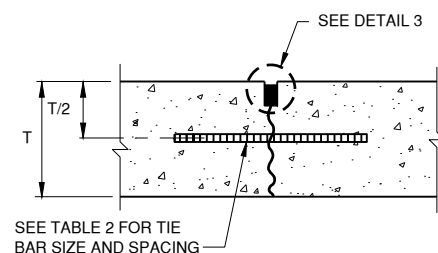


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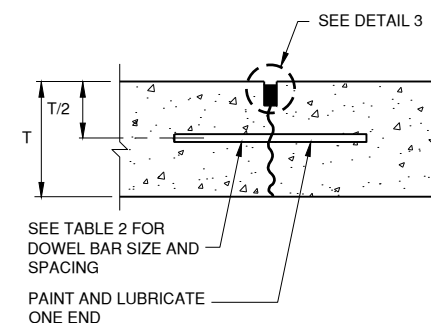
TYPE A THICKENED ISOLATION

SYMBOL — A —



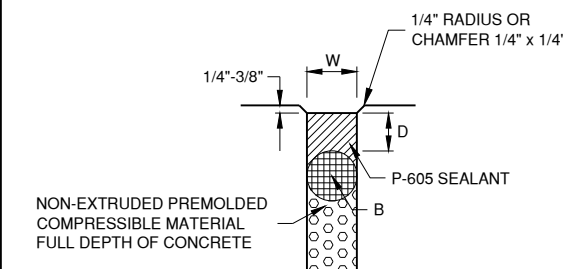
TYPE B HINGED (TIED) CONTRACTION

SYMBOL — B —

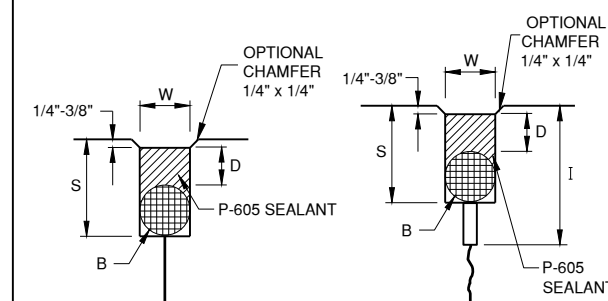


TYPE C DOWELED CONTRACTION

SYMBOL — C —



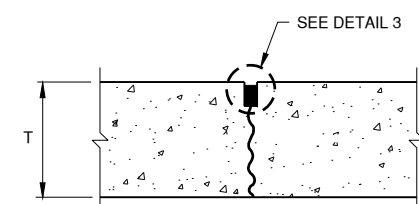
DETAIL 1



DETAIL 2

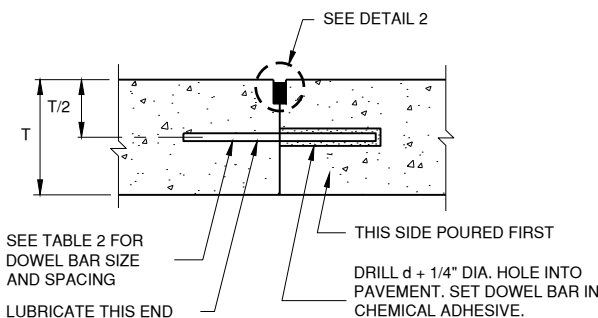
DETAIL 3

JOINT SEALING DETAILS



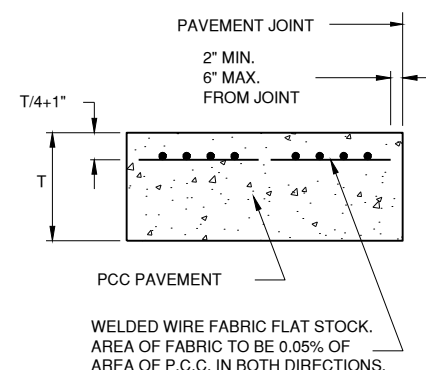
TYPE D DUMMY CONTRACTION

SYMBOL — D —



TYPE E DOWELED CONSTRUCTION

SYMBOL — E —



ODD SHAPED PANEL REINFORCEMENT

SYMBOL R

TABLE 1

PAVEMENT THICKNESS T - INCHES	DEPTH OF CONTRACTION JOINT INITIAL SAW CUT I, INCHES I=(T/3) ±1/4"
5	1.67"
6	2.00"
7	2.33"
8	2.67"
9	3.00"
10	3.33"
11	3.67"
12	4.00"
13	4.33"
14	4.67"
15	5.00"
16	5.33"
17	5.67"
18	6.00"

TABLE 2

PAVEMENT THICKNESS T - INCHES	DOWEL BAR DETAILS			TIE BAR DETAILS		
	DIA.	LENGTH	SPACING	BAR SIZE	LENGTH	SPACING
5	5/8"	12"	12"	#4	24"	30"
6	3/4"	18"	12"	#5	30"	30"
7	3/4"	18"	12"	#5	30"	30"
8	1"	19"	12"	#5	30"	30"
9	1"	19"	12"	#5	30"	30"
10	1"	19"	12"	#5	30"	30"
11	1"	19"	12"	#5	30"	30"
12	1"	19"	12"	#5	30"	30"
13	1 - 1/4"	20"	15"	#5	30"	30"
14	1 - 1/4"	20"	15"	#5	30"	30"
15	1 - 1/4"	20"	15"	#5	30"	30"
16	1 - 1/4"	20"	15"	#5	30"	30"
17	1 - 1/2"	20"	18"	#5	30"	30"
18	1 - 1/2"	20"	18"	#5	30"	30"

JOINT SEALING DIMENSIONS

	DETAIL 1	DETAIL 2	DETAIL 3
W=WIDTH OF SEALANT RESERVOIR (IN.)	3/4 +/-1/8	1/2	1/2
D=DEPTH OF SEALANT RESERVOIR (IN.)	3/4 +/-1/8	1/4	1/4
B=BACKER ROD DIAMETER (IN.)	7/8	5/8	5/8
S=SECOND SAWCUT DEPTH (IN.) MINIMUM	N/A	1-3/8	1-3/8

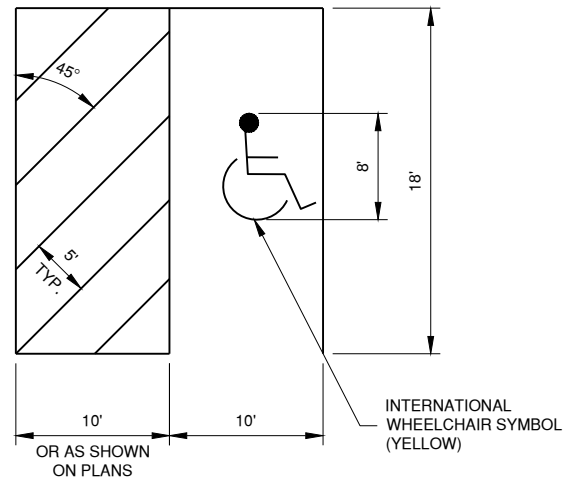
JOINT NOTES

- ALL EDGES OF NEW SLABS, FREE STANDING OR CLOSURE, SHALL BE EDGED WITH AN APPROVED TOOL HAVING A CHAMFER OF 1/8" TO 1/4" TO FACILITATE SAWING OF THE SEALANT RESERVOIR. A CHAMFER > 1/4" WILL NOT BE ACCEPTABLE.
- THE INITIAL SAWCUT FOR ALL LONGITUDINAL & TRANSVERSE CONTRACTION JOINTS SHALL BE SAWS AS SOON AS POSSIBLE AFTER PLACEMENT OF THE PAVEMENT.
- ALL TIE BARS & MESH SHALL BE SECURELY HELD IN PLACE BY SUPPORT PINS OR OTHER APPROVED METHODS TO PREVENT SHIFTING DURING & AFTER CONCRETE PLACEMENT.
- TIE BARS SHALL BE DEFORMED BARS IN CONFORMANCE WITH THE SPECIFICATIONS.
- THE INITIAL SAWCUT SHALL BE MADE TO THE 1/8" WIDTH INDICATED. INITIAL SAWING TO THE DIMENSIONS OF THE SECOND SAWCUT WILL NOT BE ALLOWED.

MARK | DATE | DESCRIPTION

AIP PROJ. NO: 3-17-0096-XX
IL PROJ. NO: SPI-4614
CMT PROJECT NO: 14035-07-00
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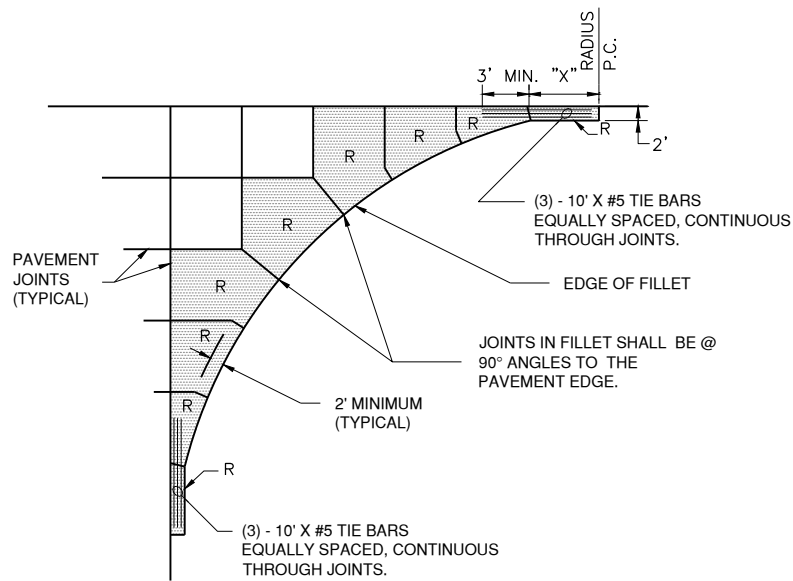
SHEET TITLE
PUBLIC SAFETY ROAD JOINTING DETAILS



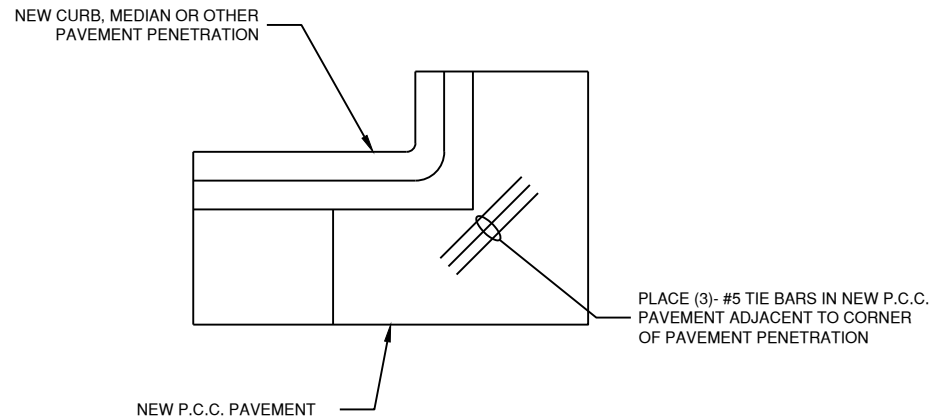
NOTE:

1. ALL MARKING SHALL CONSIST OF 4" WIDE YELLOW STRIPES.

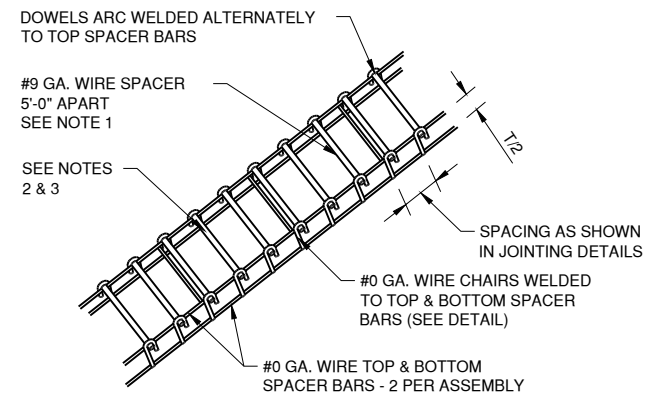
HANDICAP PARKING SPACE
N.T.S.



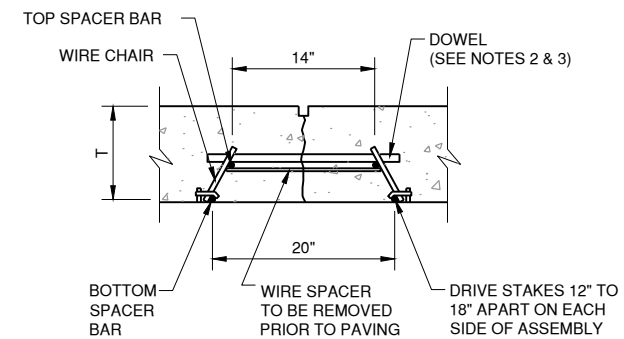
⊗ DENOTES ODD SHAPED REINFORCED PANELS TO BE REINFORCED WITH WELDED WIRE FABRIC AS SHOWN ON JOINTING DETAILS SHEET. ALL NON RECTANGULAR SHAPED PANELS SHALL BE REINFORCED. (REINFORCEMENT NOT SHOWN)



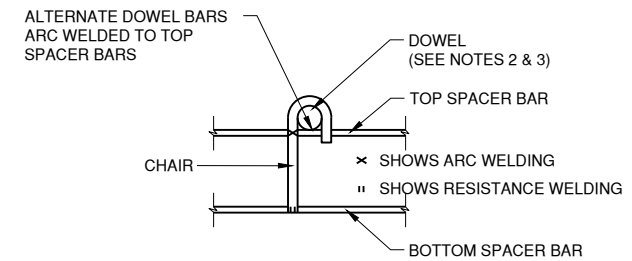
PAVEMENT PENETRATION DETAIL
N.T.S.



DOWEL BASKET ASSEMBLY DETAIL



DOWEL BAR INSTALLATION DETAIL

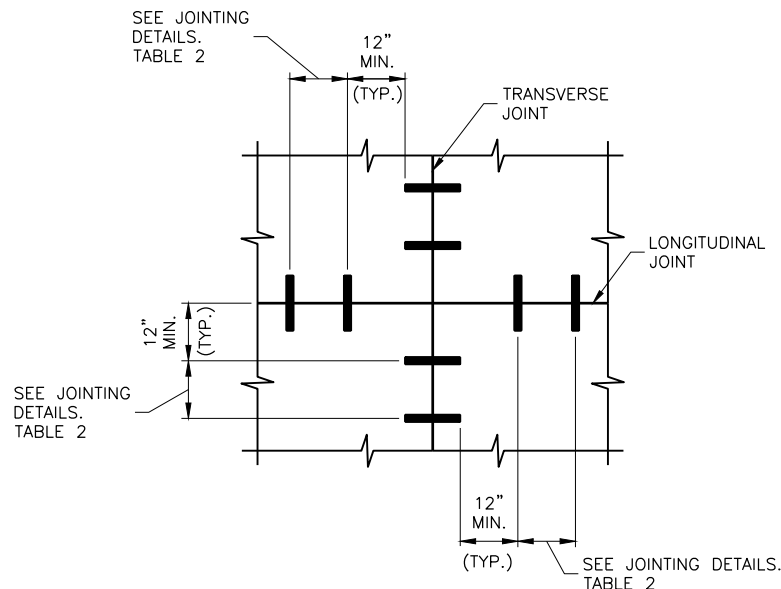


TYPICAL DOWEL BASKET ELEVATION DETAIL SHOWING CHAIR

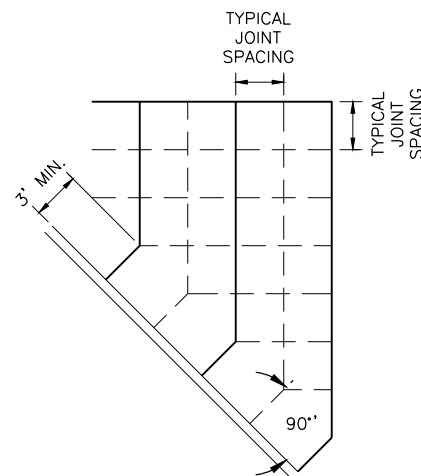
DOWEL BASKET DETAILS
N.T.S.

DOWEL BASKET NOTES

1. #9 GA. WIRE SPACER BAR ARC WELDED TO THE BOTTOM OF TOP SPACER BAR. (MAY BE MECHANICALLY ATTACHED IN LIEU OF WELDING) 3 REQUIRED PER UNIT. THIS WIRE MUST BE CUT OR REMOVED PRIOR TO PAVING.
2. DOWEL BAR DIAMETER, LENGTH & SPACING SHALL BE AS SHOWN IN TABLE 2.
3. DOWELS SHALL BE EPOXY COATED FULL LENGTH OF DOWEL. IMMEDIATELY PRIOR TO PAVING, THE FREE END OF EACH DOWEL SHALL BE LUBRICATED OR OILED, FOR HALF THE LENGTH OF THE DOWEL.



DOWEL PLACEMENT DETAIL
N.T.S.



JOINTING AT SKEWED EDGE
N.T.S.

JUNE 30, 2017

REHABILITATE PERIMETER
ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION

AIP PROJ. NO:	3-17-0096-XX
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CMT PROJECT NO:	14035-07-00
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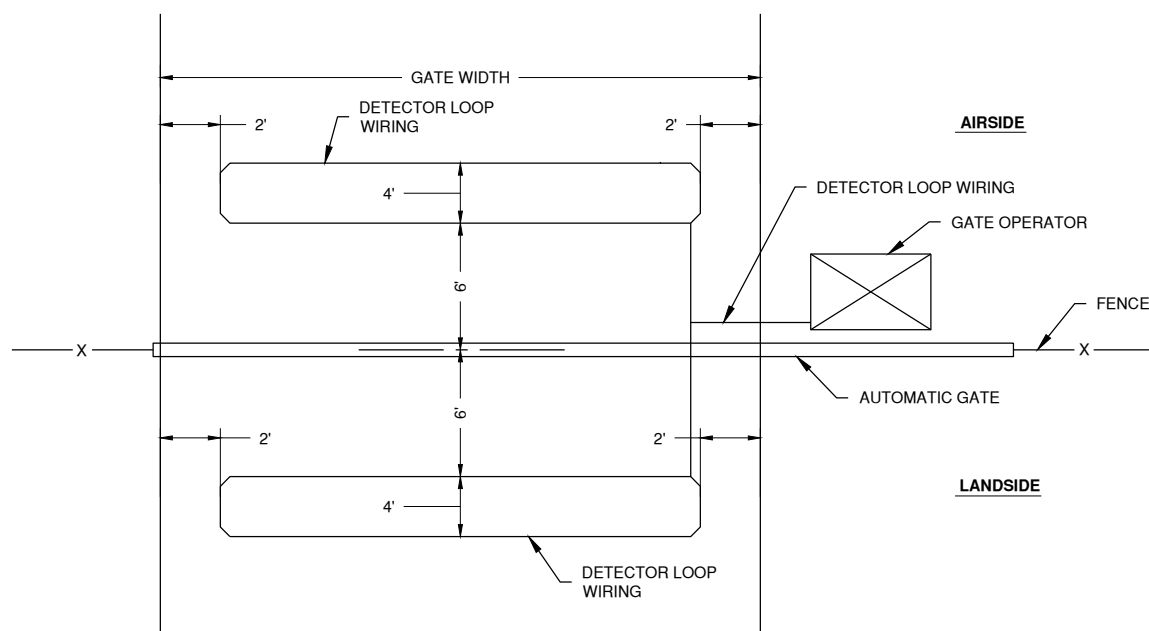
**PUBLIC SAFETY ROAD
PAVING DETAILS**



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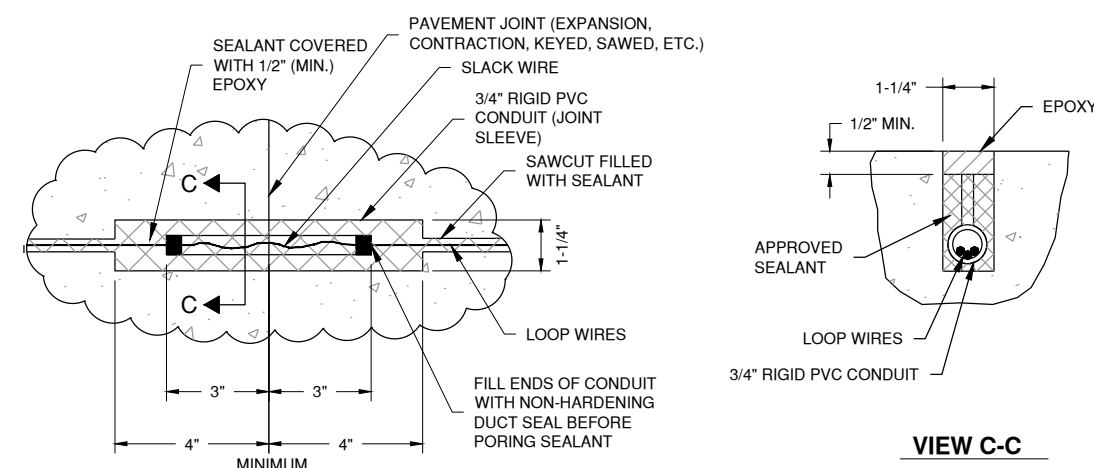
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SHEET TITLE
**DETECTOR LOOP
DETAILS**

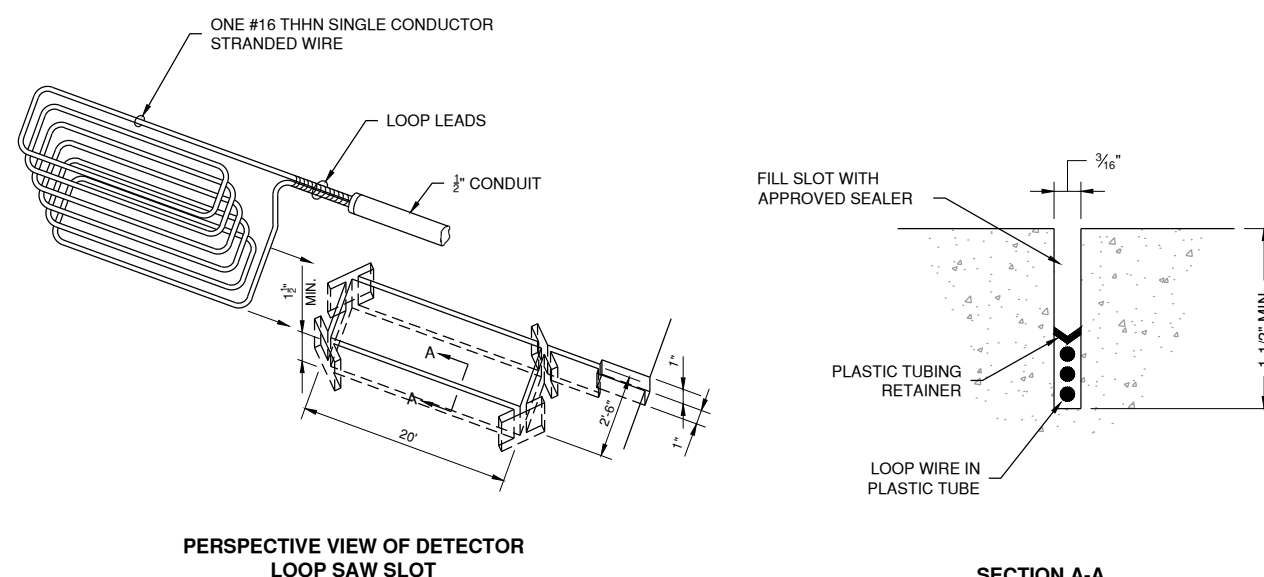


TYP. GATE PLAN
N.T.S.

NOTE:
LOCATIONS, DETAILS AND CHARACTER OF EQUIPMENT SHOWN ON
THIS SHEET ARE GENERIC. EQUIPMENT LOCATION SHALL BE AS
RECOMMENDED BY THE EQUIPMENT MANUFACTURER.



JOINT CROSSING DETAIL
N.T.S.



DETECTOR LOOP DETAILS
N.T.S.

NOTES

1. LOOP LEADS ARE LIMITED TO 100 FEET.
2. LOOP LEADS MUST HAVE FOUR (4) TWISTS PER FOOT.
3. LOOP AND LOOP LEADS MUST BE LOCATED, AT LEAST, 18" FROM ANY ELECTRICAL POWER SERVICE OR STEEL REINFORCEMENT.
4. LOOP LEADS MUST BE IN SEPARATE CONDUIT BETWEEN LOOP AND DETECTOR. THEY MUST NOT SHARE CONDUIT WITH OTHER WIRING OR LEADS FROM OTHER LOOPS.
5. WIRE SHALL BE #16 THHN SINGLE CONDUCTOR STRANDED WIRE.
6. ALL WIRE SHALL BE CONTINUOUS WITHOUT SPLICING.
7. **LOOPS, CONNECTORS AND INSTALLATION SHALL BE COMPATIBLE IN ALL RESPECTS WITH THE EXISTING GATE OPERATION AND CONTROLS.**

CAUTION:

- DO NOT SPLICE WIRE.
- DO NOT FRACTURE WIRE INSULATION. LOOPS SHORTED TO GROUND WILL CAUSE DETECTOR MALFUNCTION. WHEN PLACING WIRE IN THE SLOT. DO NOT USE SCREWDRIVER OR OTHER SHARP TOOLS.

TYPICAL LAYOUT FOR LOOP:

- SAW SLOT 3/16" WIDE x 1-1/2" DEEP. MAKE RECTANGULAR SHAPE TO SPECIFIED LOOP DIMENSIONS PLUS SLOT FOR LEAD CONDUIT.
- GROUT WITH NO. 202 WEATHERBAN SEALANT (A PRODUCT OF 3M CO.) OR APPROVED EQUIVALENT ... (EXAMPLE: DE WITTS NO. 99 BLACK MASTIC CAULK).

JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



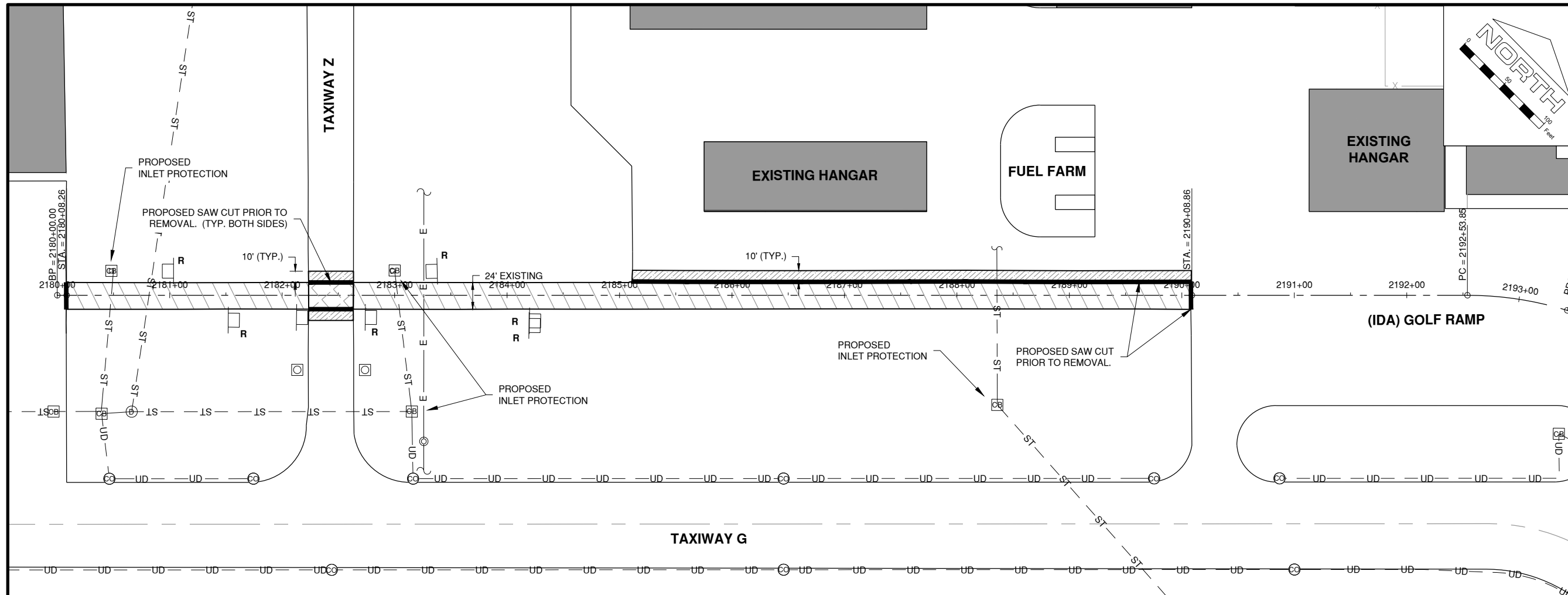
SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION

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SHEET 19 OF 49

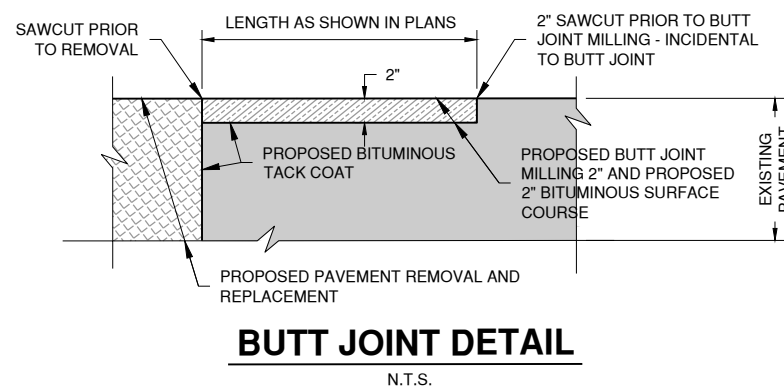


NOTES

- REMOVED SIGNS SHALL BE TURNED OVER TO THE AIRPORT.

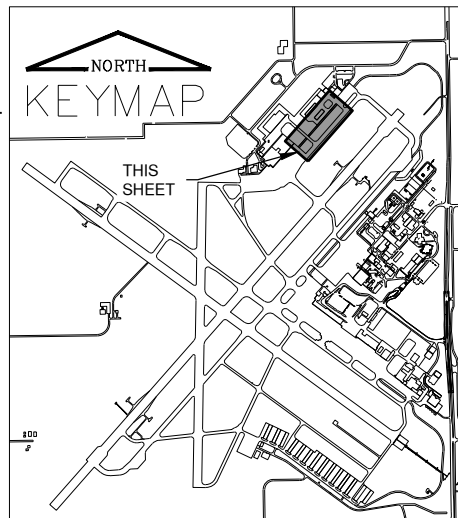
THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER, THE DIVISION, NOR THE PROJECT ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.

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LEGEND

	EXISTING BASE MOUNTED TAXIWAY LIGHT
	EXISTING CATCH BASIN
	EXISTING SIGN
	REMOVAL
	PROPOSED PAVEMENT REMOVAL - 4" HMA ON 6" AGGREGATE BASE
	PROPOSED BUTT JOINT MILLING
	PROPOSED PAVEMENT REMOVAL - 6.5" HMA ON AGGREGATE BASE
	PROPOSED SAWCUT PRIOR TO PAVEMENT REMOVAL

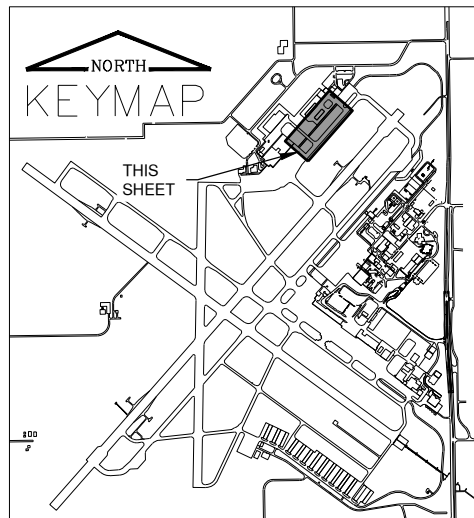
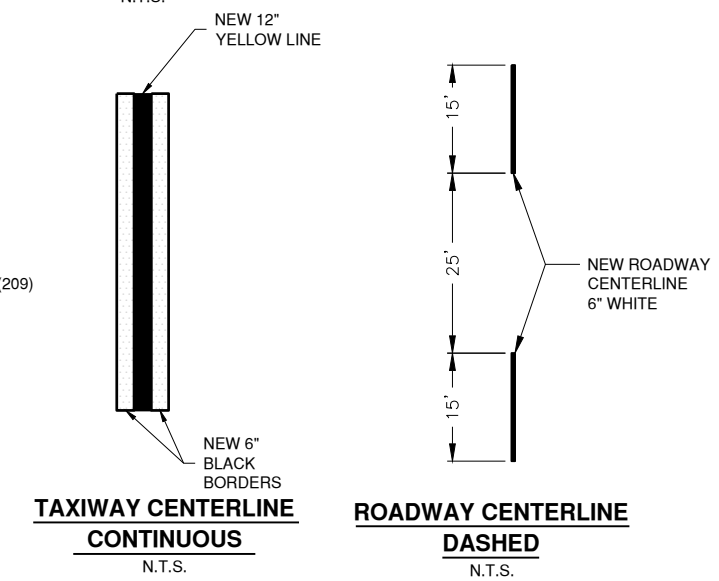
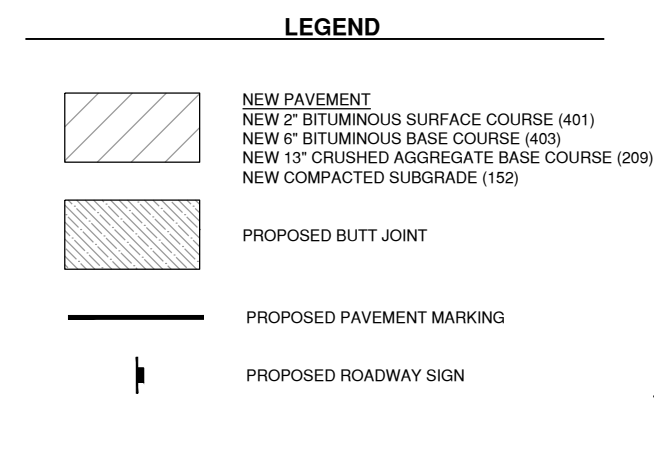
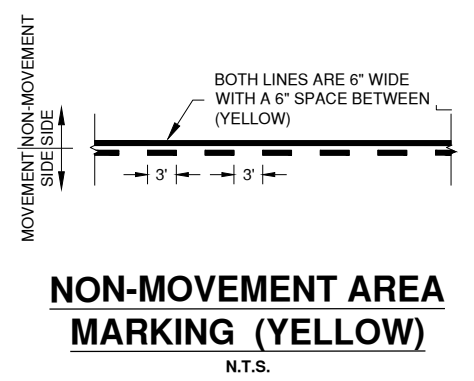
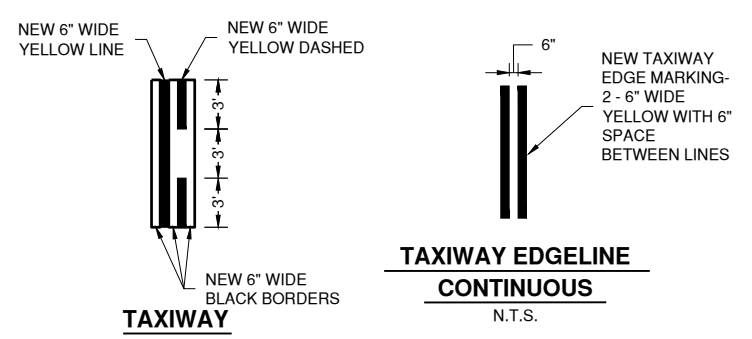
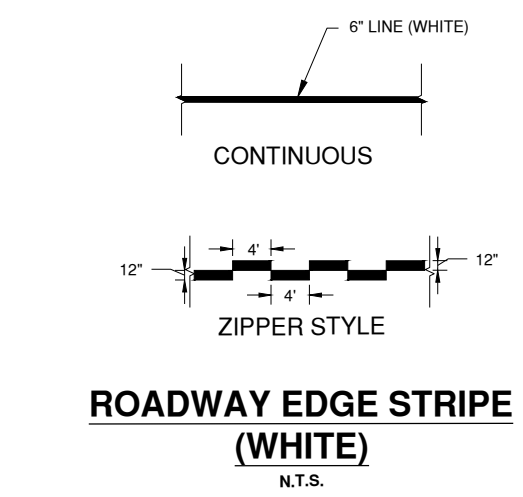
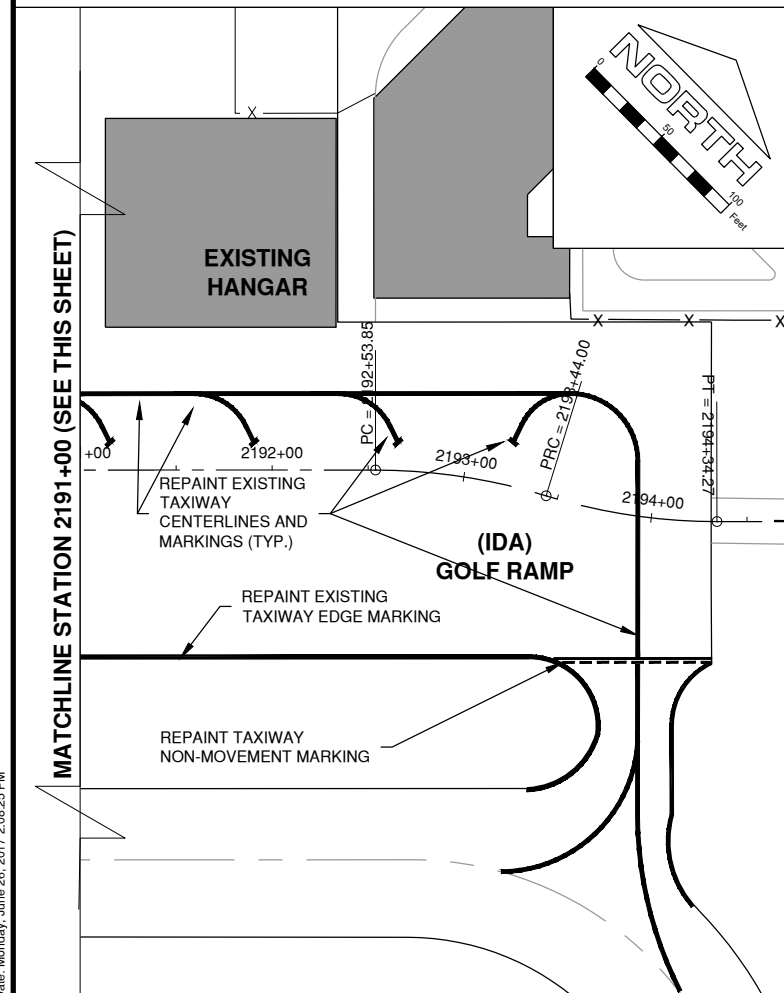
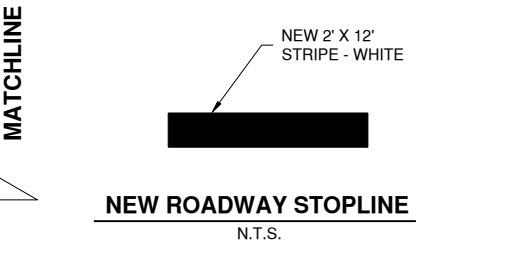
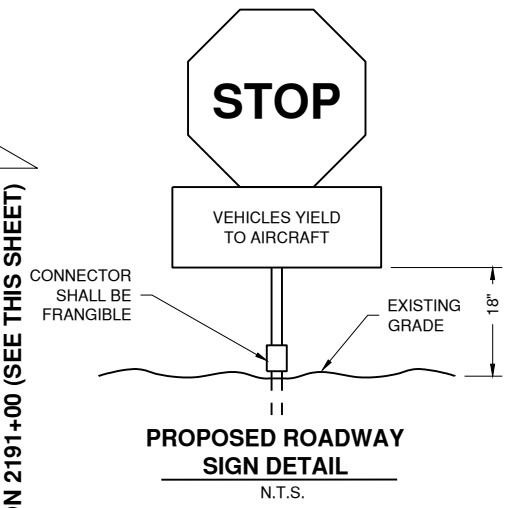
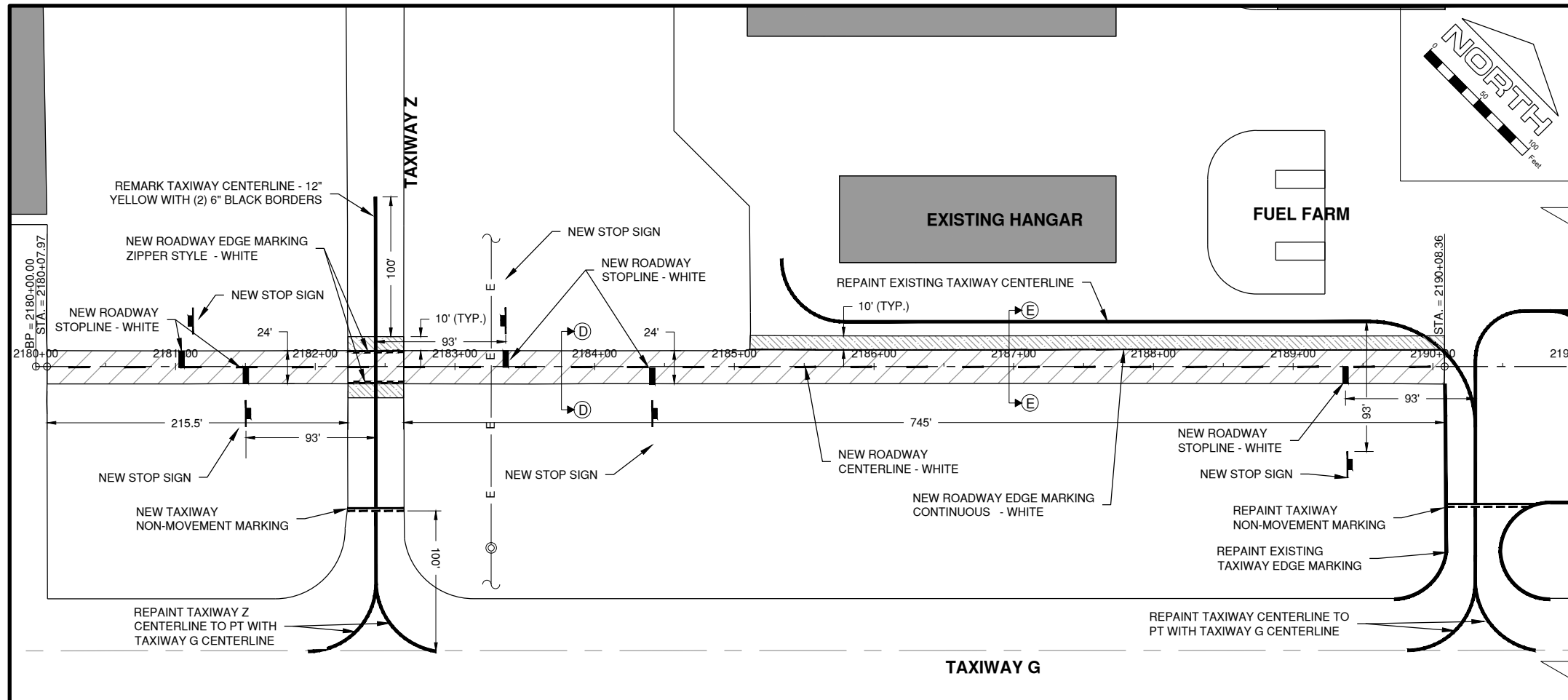


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IL PROJ. NO:	SPI-4614	
CMT PROJECT NO:	14035-07-00	
CAD DWG FILE:	SPI4440-1403507-CP102.DWG	
DESIGNED BY:	JMW	
DRAWN BY:	DPA	
CHECKED BY:	RLV	
APPROVED BY:	RLV	
COPYRIGHT:		

TTY G PERIMETER ROAD PROPOSED IMPROVEMENTS

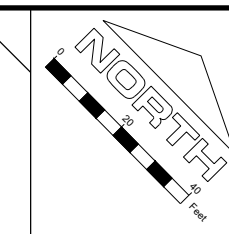


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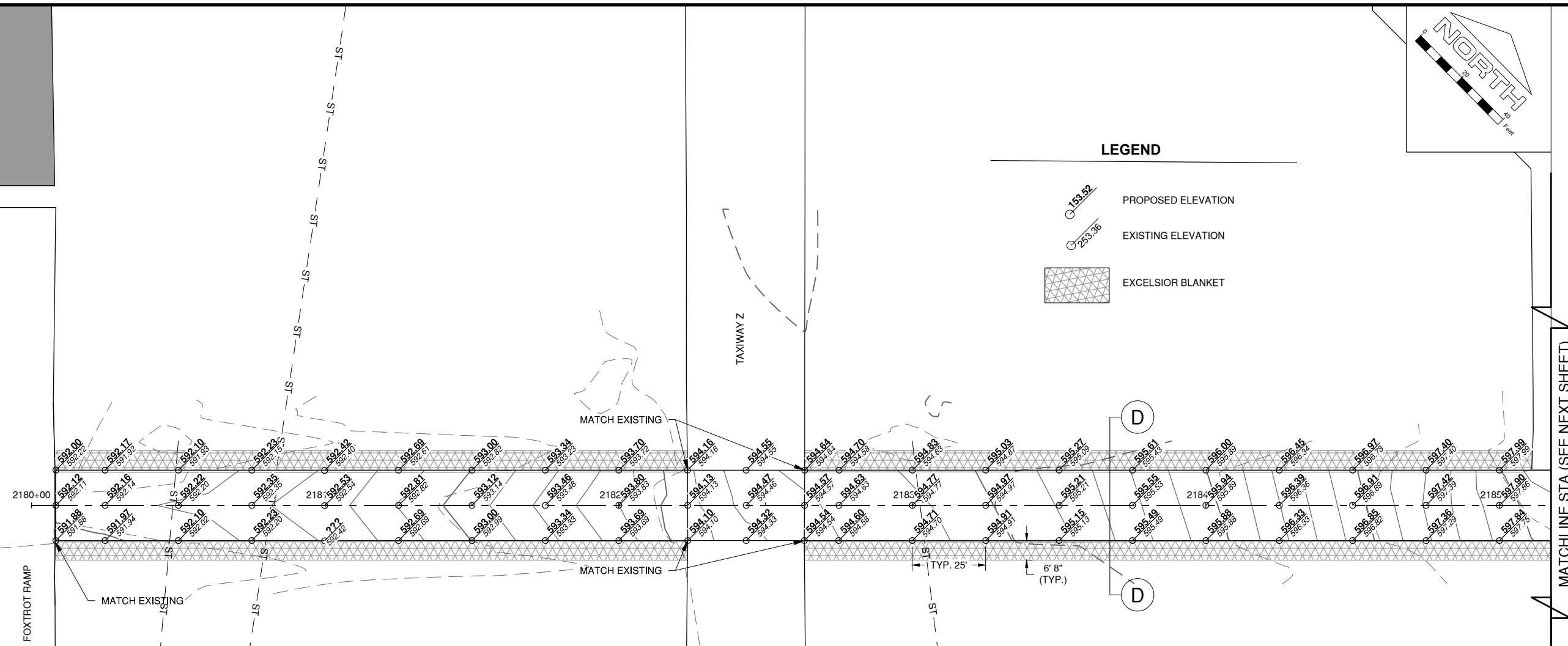
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IL PROJ. NO:	SPI-4614	
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CAD DWG FILE:	SPI4440-1403507-CS102.DWG	
DESIGNED BY:	JMW	
DRAWN BY:	DPA	
CHECKED BY:	RLV	
APPROVED BY:	RLV	
COPYRIGHT:		

SHEET TITLE
**TXY G PERIMETER
ROAD STAKING PLAN**
1

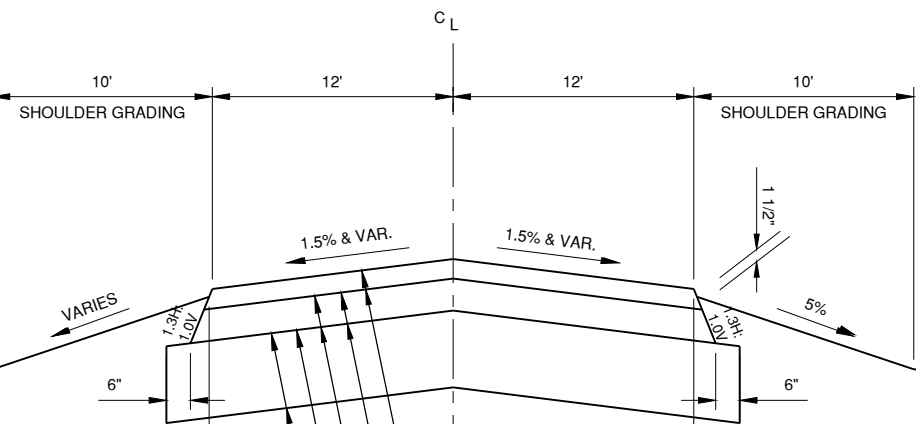


LEGEND

- PROPOSED ELEVATION
- EXISTING ELEVATION
- EXCELSIOR BLANKET

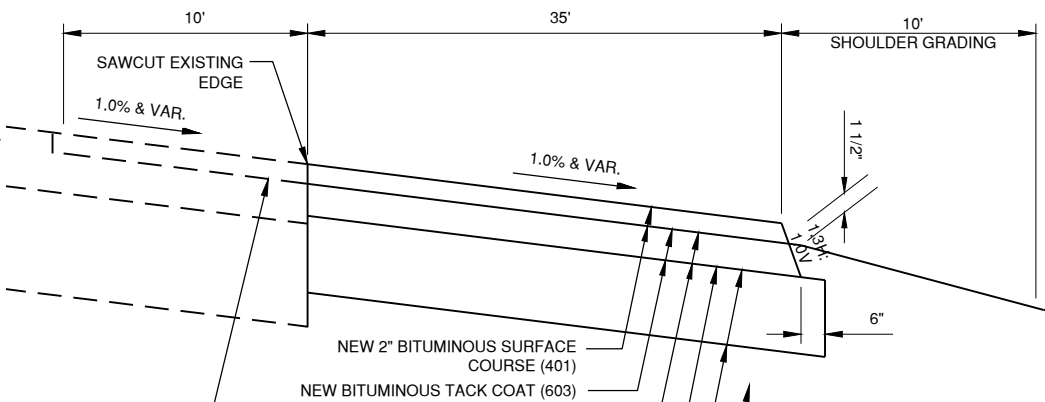


MATCHLINE STA (SEE NEXT SHEET)



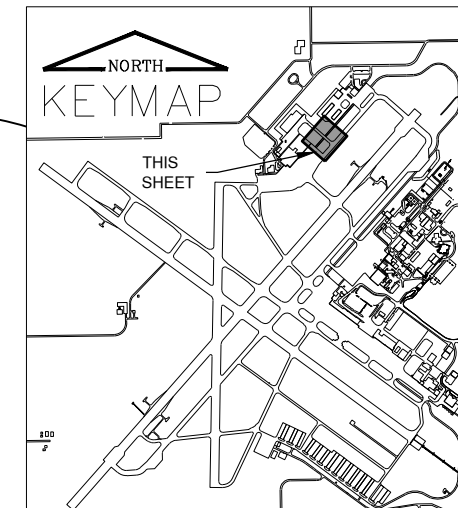
- NEW 2" BITUMINOUS SURFACE COURSE (401)
- NEW BITUMINOUS TACK COAT (603) BETWEEN ALL LIFTS
- NEW 6" BITUMINOUS BASE COURSE (403) (MAX. 3" LIFTS)
- NEW BITUMINOUS PRIME COAT (602)
- NEW 13" CRUSHED AGGREGATE BASE COURSE (209)
- NEW 8" COMPACTED SUBGRADE (152)

D NEW TAXIWAY G PERIMETER ROAD
N.T.S.

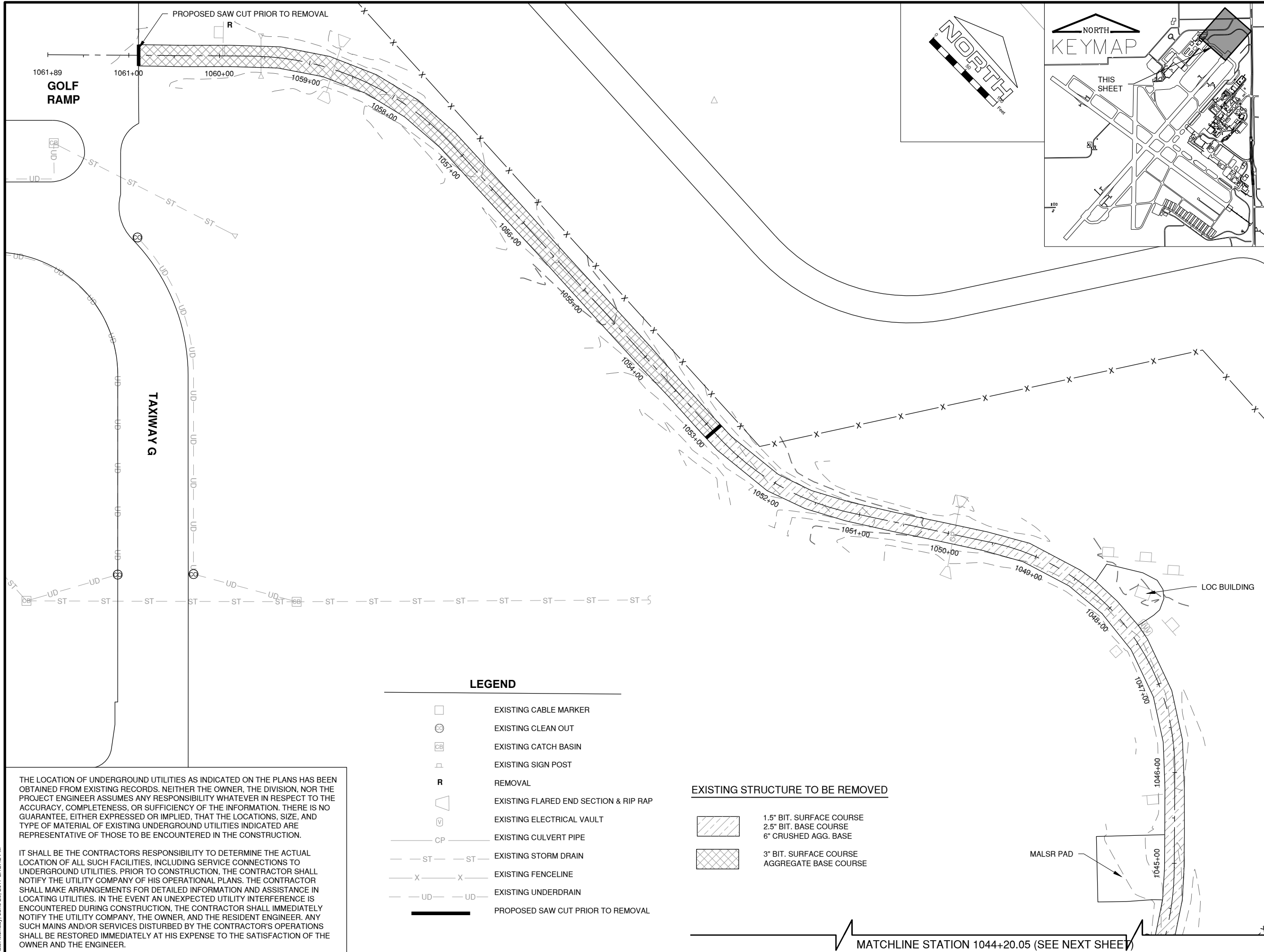


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- NEW BITUMINOUS TACK COAT (603) BETWEEN ALL LIFTS
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- NEW BITUMINOUS PRIME COAT (602)
- NEW 13" CRUSHED AGGREGATE BASE COURSE (209)
- NEW COMPACTED SUBGRADE (152)

E NEW TAXIWAY G PERIMETER ROAD
N.T.S.



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Date: Monday, June 26, 2017 2:10:01 PM



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JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

MARK | DATE | DESCRIPTION

AIP PROJ. NO:	3-17-0096-XX
IL PROJ. NO:	SPI-4614
CMT PROJECT NO:	14035-07-00
CAD DWG FILE:	SPI4440-1403507-CD106.DWG
DESIGNED BY:	AJB
DRAWN BY:	DPA
CHECKED BY:	RLV
APPROVED BY:	RLV
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SHEET TITLE
NE PERIMETER ROAD EXISTING CONDITIONS 1

LEGEND

- EXISTING CABLE MARKER
- EXISTING CLEAN OUT
- EXISTING CATCH BASIN
- EXISTING SIGN POST
- R** REMOVAL
- EXISTING FLARED END SECTION & RIP RAP
- EXISTING ELECTRICAL VAULT
- EXISTING CULVERT PIPE
- EXISTING STORM DRAIN
- EXISTING FENCELINE
- EXISTING UNDERDRAIN
- PROPOSED SAW CUT PRIOR TO REMOVAL

EXISTING STRUCTURE TO BE REMOVED

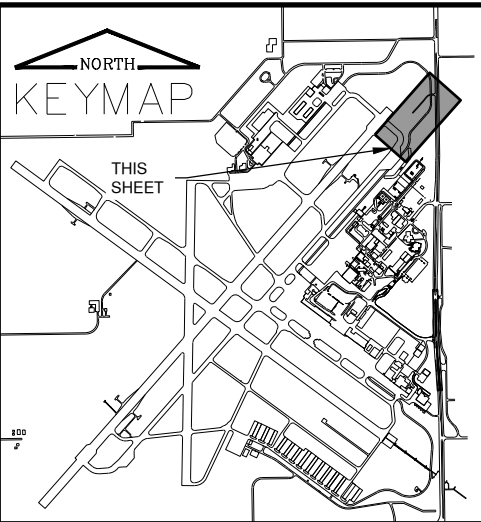
- 1.5" BIT. SURFACE COURSE
2.5" BIT. BASE COURSE
6" CRUSHED AGG. BASE
- 3" BIT. SURFACE COURSE
AGGREGATE BASE COURSE

THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER, THE DIVISION, NOR THE PROJECT ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.

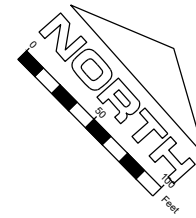
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MATCHLINE STATION 1044+20.05 (SEE NEXT SHEET)

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MATCHLINE STATION 1044+20.05 (SEE PREVIOUS SHEET)



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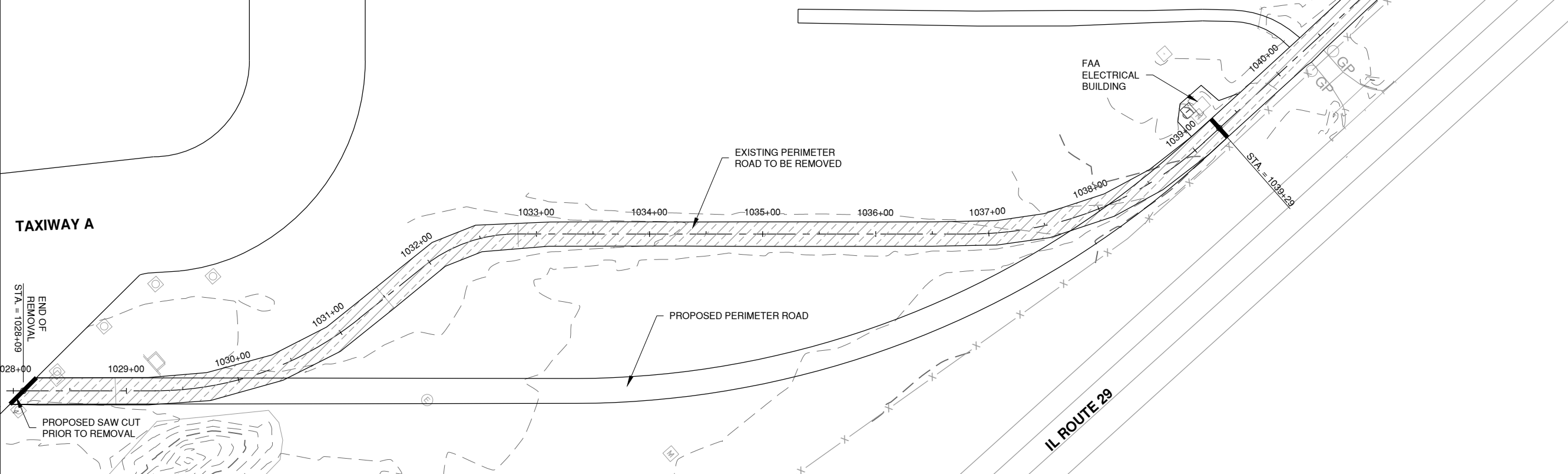
JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL



TAXIWAY A

EXISTING PERIMETER ROAD TO BE REMOVED

PROPOSED PERIMETER ROAD

FAA ELECTRICAL BUILDING

IL ROUTE 29

END OF REMOVAL
STA. = 1028+00.09

PROPOSED SAW CUT PRIOR TO REMOVAL

LEGEND

- (E) EXISTING ELECTRICAL MANHOLE
- (M) EXISTING MANHOLE
- (H) EXISTING HANDHOLE
- (T) EXISTING ELECTRICAL PANEL
- (GP) EXISTING GATE POST
- (CM) EXISTING CABLE MARKER
- (CO) EXISTING CLEAN OUT
- (CB) EXISTING CATCH BASIN
- (SP) EXISTING SIGN POST
- (FR) EXISTING FLARED END SECTION & RIP RAP
- (V) EXISTING ELECTRICAL VAULT
- (CP) EXISTING CULVERT PIPE
- (ST) EXISTING STORM DRAIN
- (X) EXISTING FENCELINE
- (UD) EXISTING UNDERDRAIN
- (---) PROPOSED SAW CUT PRIOR TO REMOVAL

EXISTING STRUCTURE TO BE REMOVED

- (Hatched Box) 1.5" BIT. SURFACE COURSE
- (Hatched Box) 2.5" BIT. BASE COURSE
- (Hatched Box) 6" CRUSHED AGG. BASE

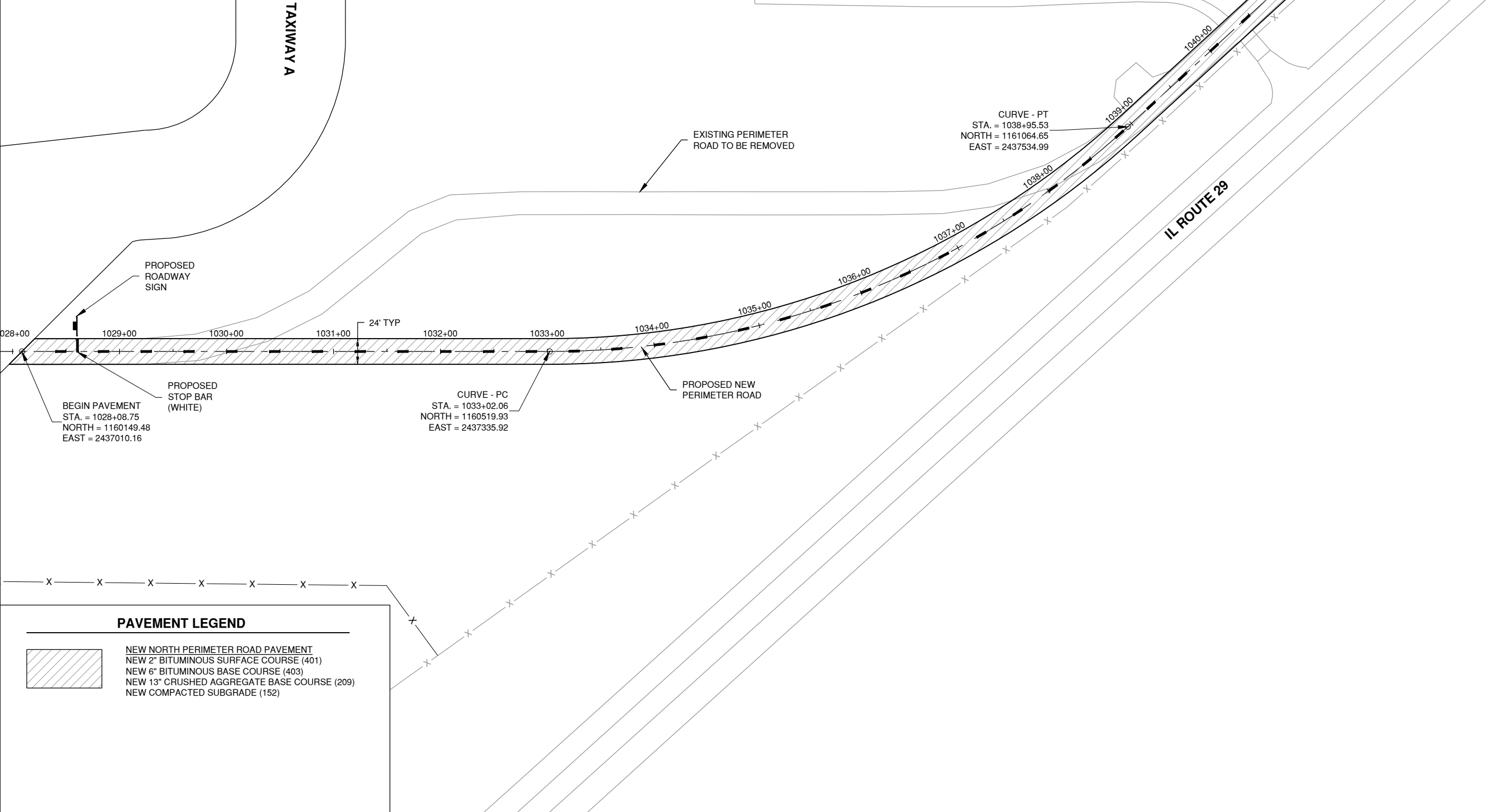
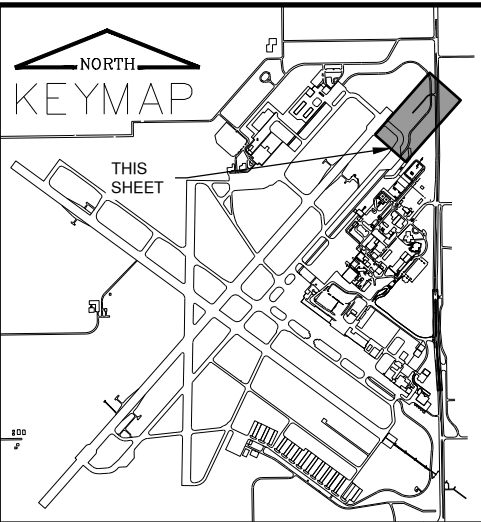
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MARK	DATE	DESCRIPTION

SHEET TITLE
NE PERIMETER ROAD EXISTING CONDITIONS 2

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Date: Monday, June 26, 2017 2:14:01 PM



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JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION

AIP PROJ. NO: 3-17-0096-XX
IL PROJ. NO: SPI-4614
CMT PROJECT NO: 14035-07-00
CAD DWG FILE: SPI4440-1403507-CP107.DWG
DESIGNED BY: AJB
DRAWN BY: DPA
CHECKED BY: RLV
APPROVED BY: RLV
COPYRIGHT:

SHEET TITLE
NE PERIMETER ROAD PROPOSED IMPROVEMENTS 2

SHEET 26 OF 49

PAVEMENT LEGEND

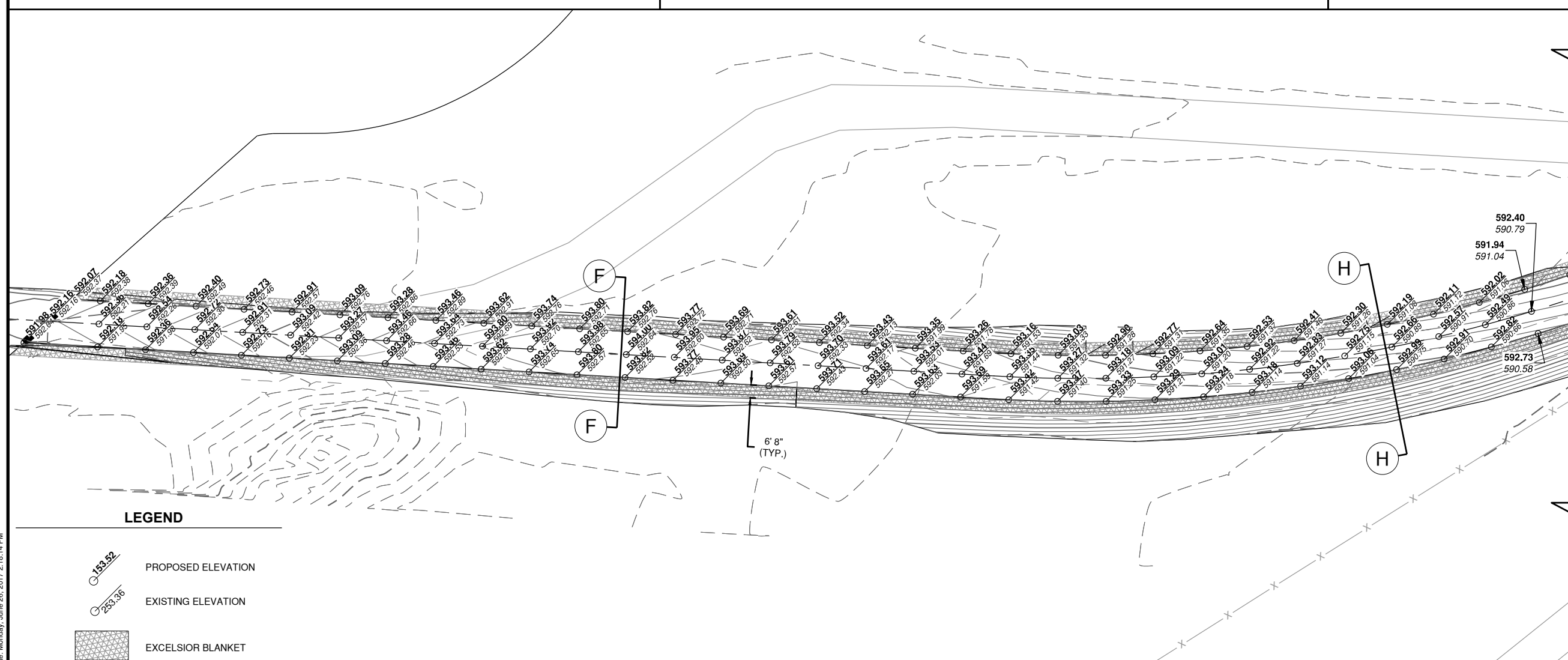
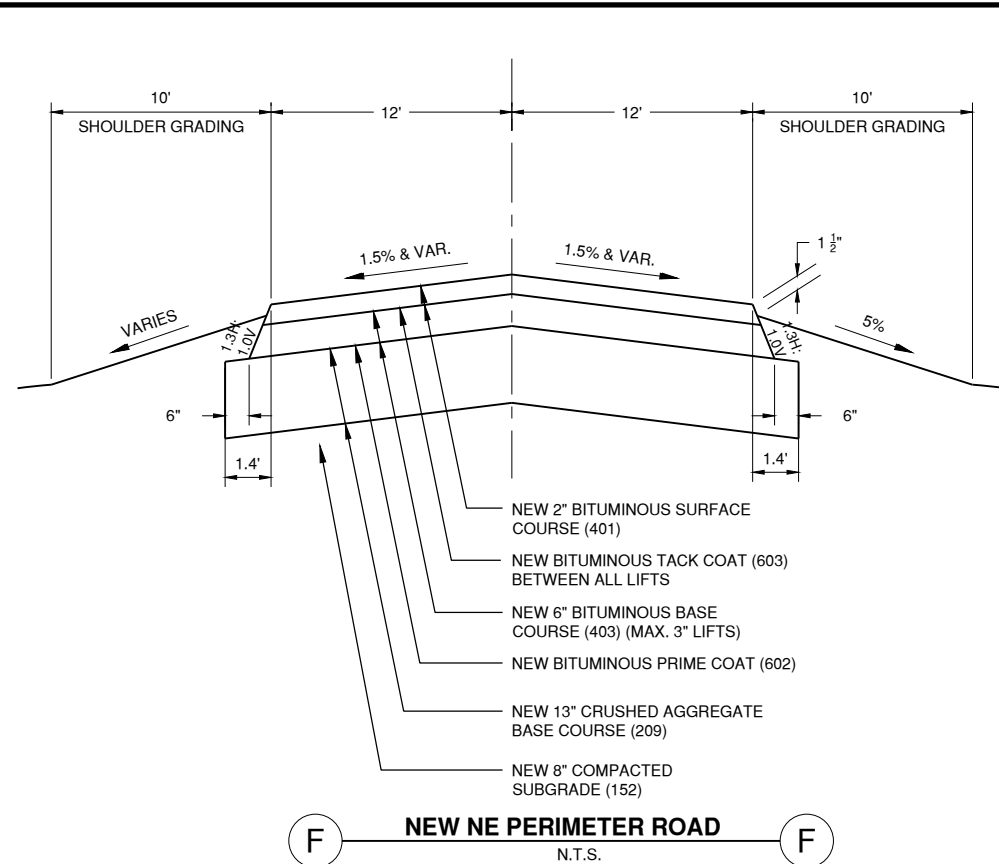
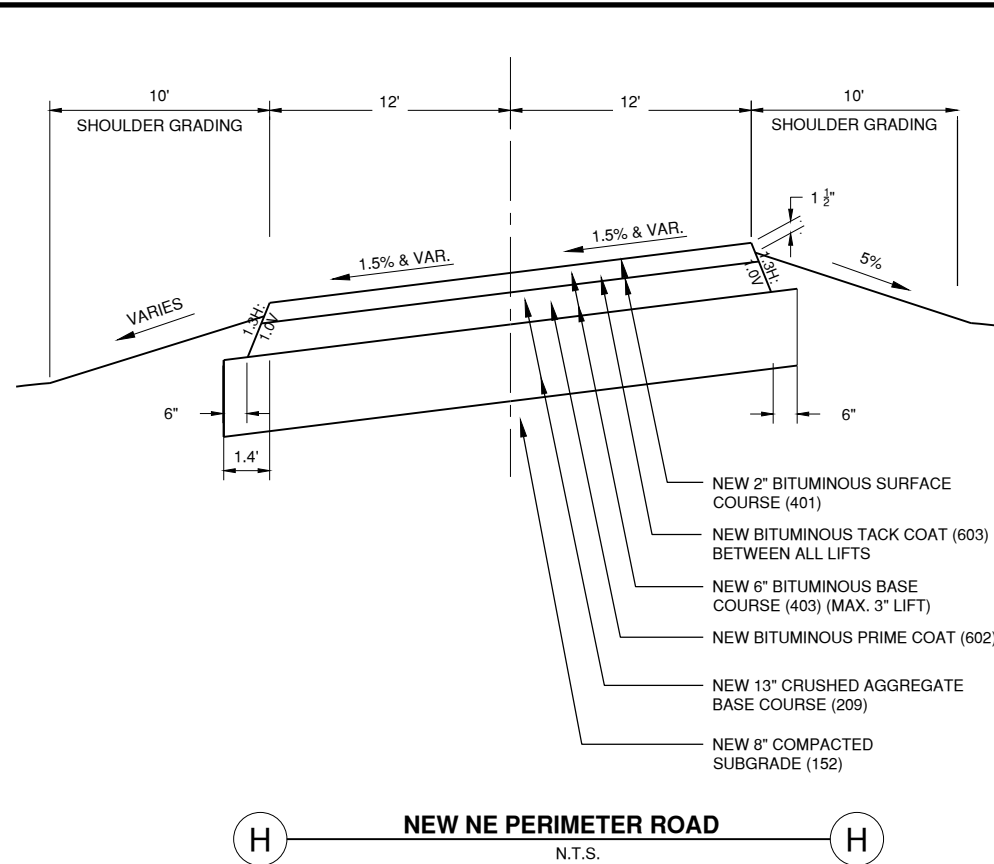
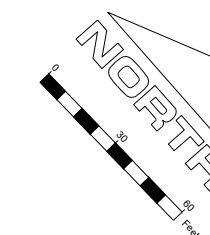
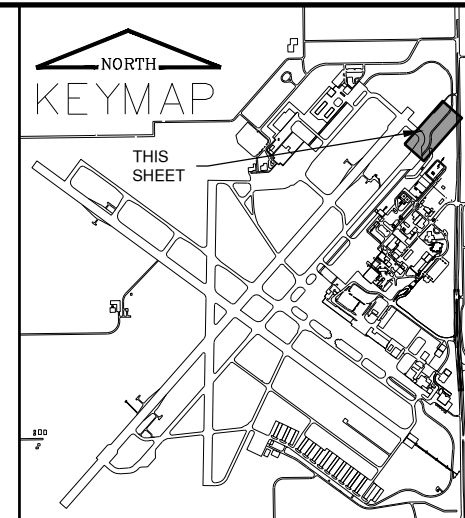
- NEW NORTH PERIMETER ROAD PAVEMENT
- NEW 2" BITUMINOUS SURFACE COURSE (401)
- NEW 6" BITUMINOUS BASE COURSE (403)
- NEW 13" CRUSHED AGGREGATE BASE COURSE (209)
- NEW COMPACTED SUBGRADE (152)

Path: K:\Springfield\A0114035-07\Draw\Sheets\Phase2\SPI4440-1403507-CP107.dwg
Date: Monday, June 26, 2017, 2:16:28 PM



MARK	DATE	DESCRIPTION
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IL PROJ. NO: SPI-4614		
CMT PROJECT NO: 14035-07-00		
CAD DWG FILE: SPI4440-1403507-CS108.DWG		
DESIGNED BY: AJB		
DRAWN BY: DPA		
CHECKED BY: RLV		
APPROVED BY: RLV		
COPYRIGHT:		

SHEET TITLE
NE PERIMETER ROAD STAKING PLAN 1

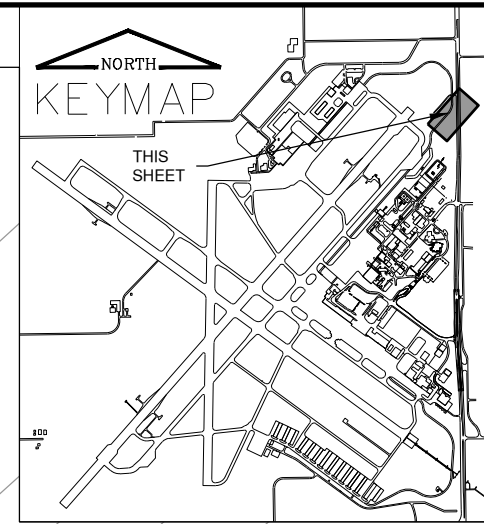
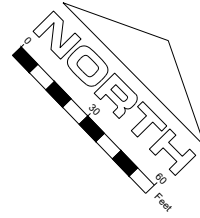


LEGEND

- PROPOSED ELEVATION
- EXISTING ELEVATION
- EXCELSIOR BLANKET

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Date: Monday, June 26, 2017, 2:18:14 PM

MATCHLINE STATION 1044+40.00 (SEE NEXT SHEET)



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JUNE 30, 2017

REHABILITATE PERIMETER
ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL

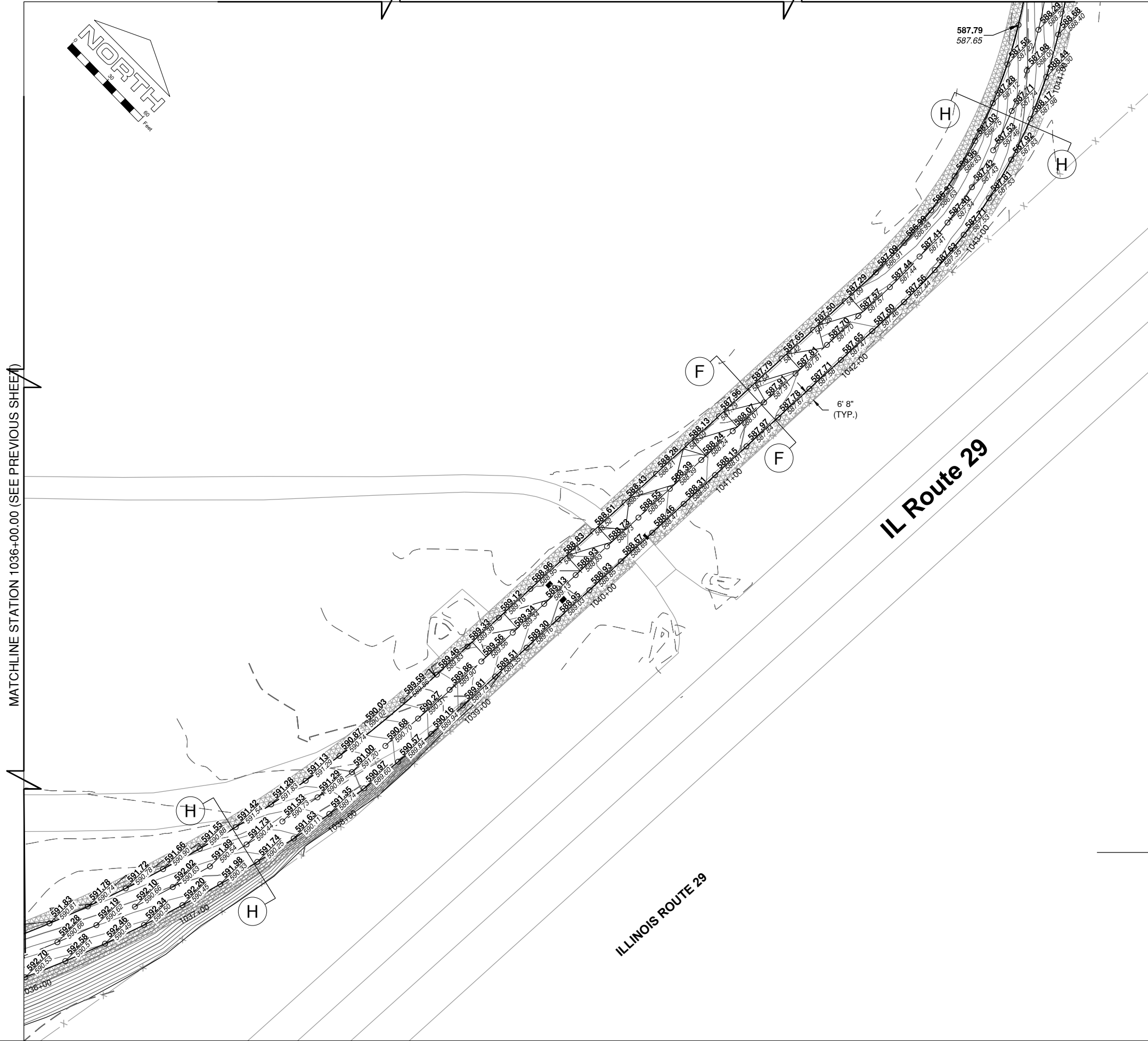
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IL PROJ. NO:	SPI-4614
CMT PROJECT NO:	14035-07-00
CAD DWG FILE:	SPI4440-1403507-CS109.DWG
DESIGNED BY:	AJB
DRAWN BY:	DPA
CHECKED BY:	RLV
APPROVED BY:	RLV
COPYRIGHT:	

SHEET TITLE
**NE PERIMETER ROAD
STAKING PLAN 2**

SHEET 28 OF 49

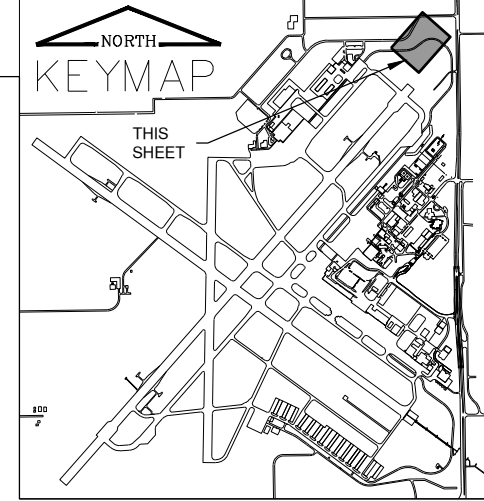
MATCHLINE STATION 1036+00.00 (SEE PREVIOUS SHEET)



LEGEND

- PROPOSED ELEVATION
- EXISTING ELEVATION
- EXCELSIOR BLANKET

MATCHLINE STATION 1053+50.00 (SEE NEXT SHEET)



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CONSULTANTS

CA019

JUNE 30, 2017

REHABILITATE PERIMETER
ACCESS ROADS - PHASE 2

OWNER



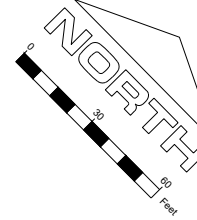
SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION

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IL PROJ. NO:	SPI-4614
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DESIGNED BY:	AJB
DRAWN BY:	DPA
CHECKED BY:	RLV
APPROVED BY:	RLV
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SHEET TITLE
**NE PERIMETER ROAD
STAKING PLAN 3**

SHEET 29 OF 49



6' 8"
(TYP.)

LEGEND

- PROPOSED ELEVATION
- EXISTING ELEVATION
- EXCELSIOR BLANKET

MATCHLINE STATION 1044+40.00 (SEE PREVIOUS SHEET)

JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION

AIP PROJ. NO: 3-17-0096-XX

IL PROJ. NO: SPI-4614

CMT PROJECT NO: 14035-07-00

CAD DWG FILE: 1403507-C-SPCR-2.DWG

DESIGNED BY: AJB

DRAWN BY: DPA

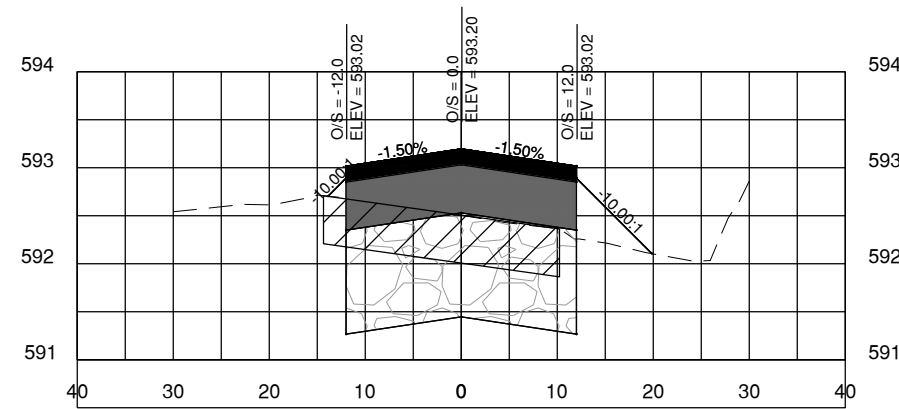
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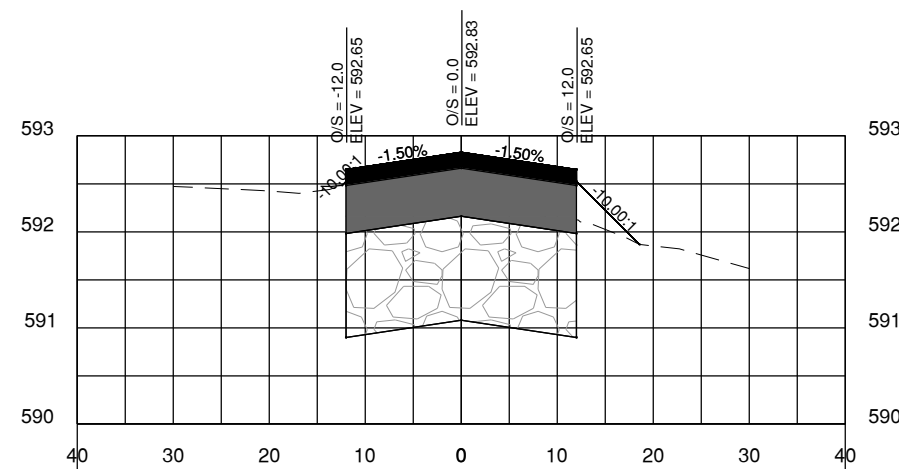
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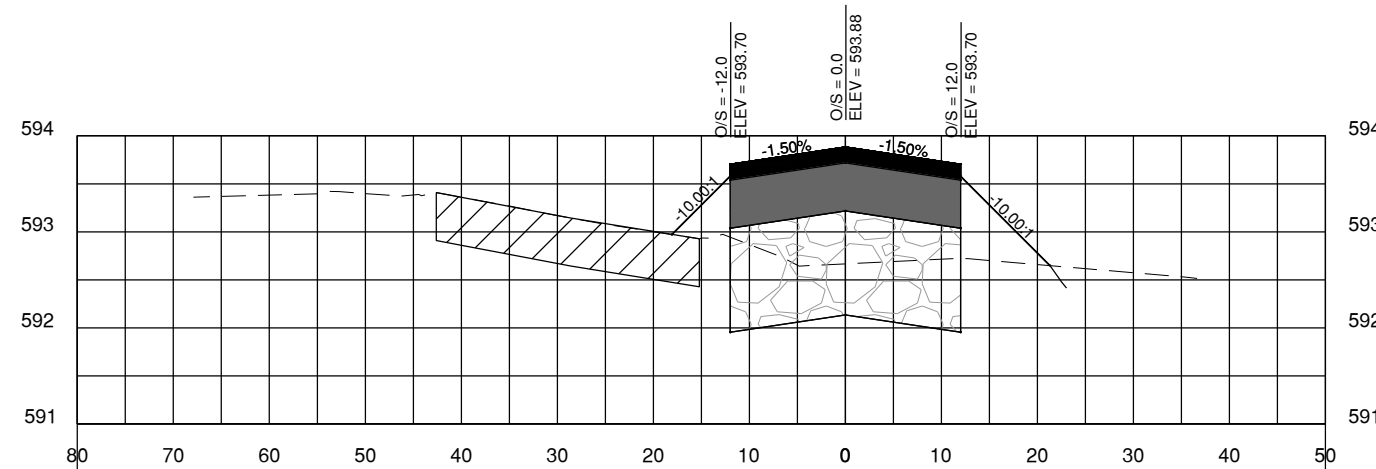
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CROSS SECTIONS 1



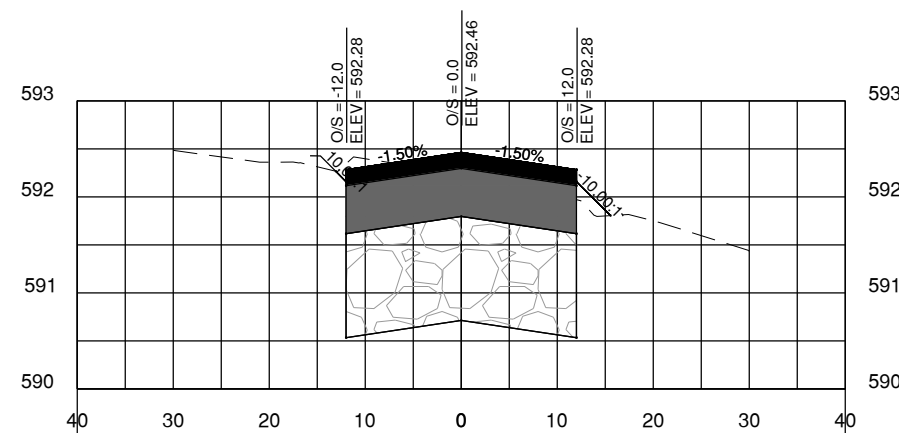
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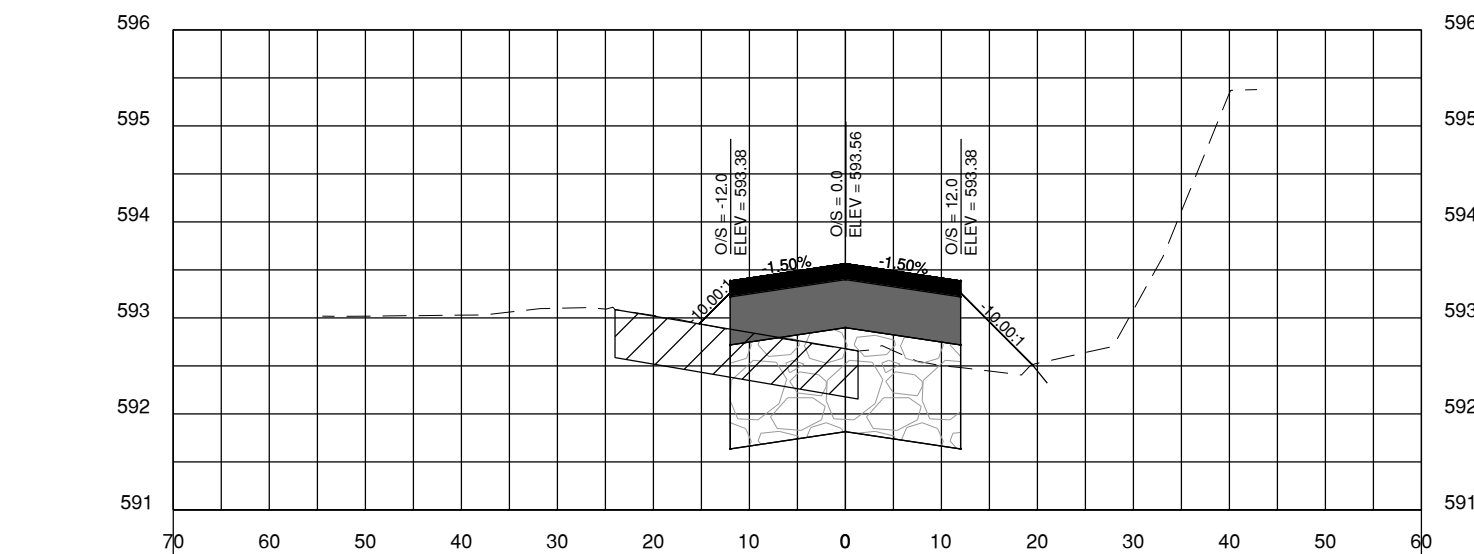
1029
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1030
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1028
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1030
+
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CA019

JUNE 30, 2017

REHABILITATE PERIMETER
ACCESS ROADS - PHASE 2

OWNER

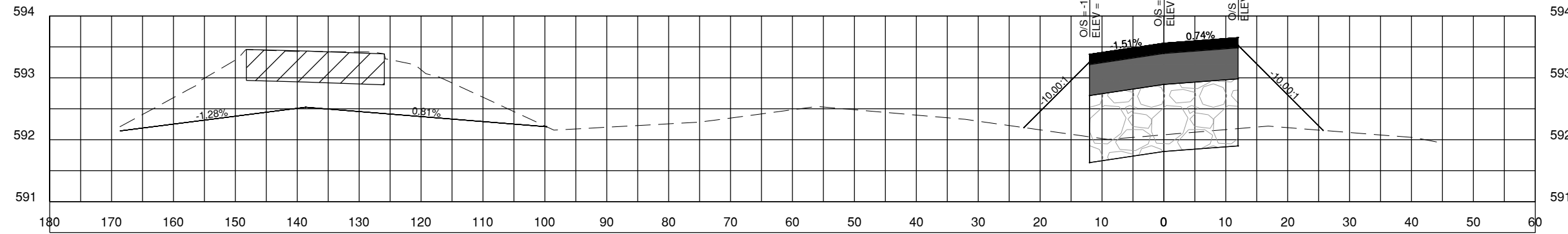


SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL

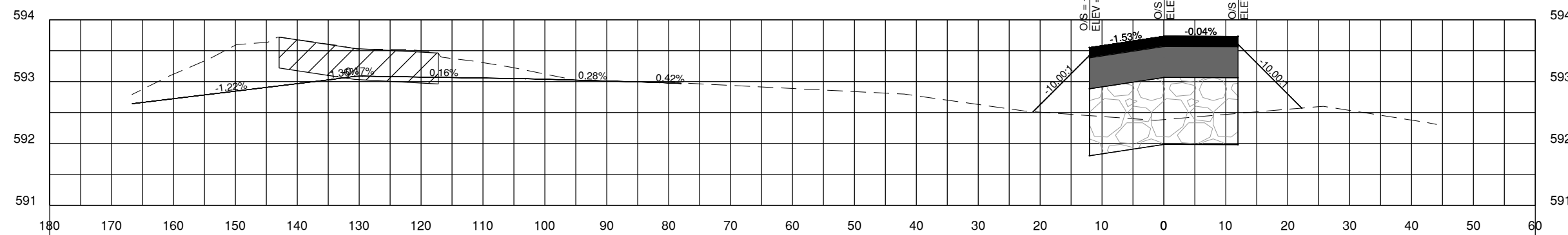
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DRAWN BY:	DPA
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APPROVED BY:	APR
COPYRIGHT:	

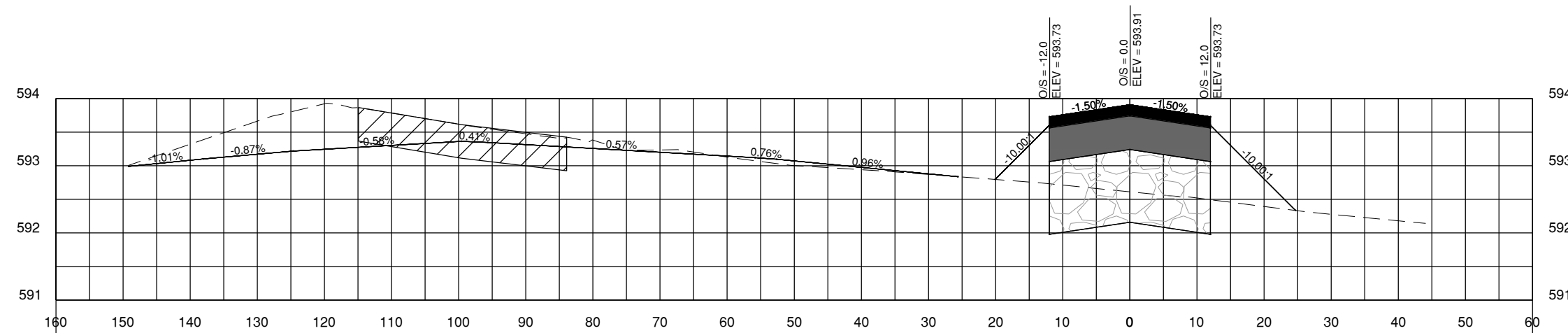
SHEET TITLE
**NE REALIGNMENT
CROSS SECTIONS 2**



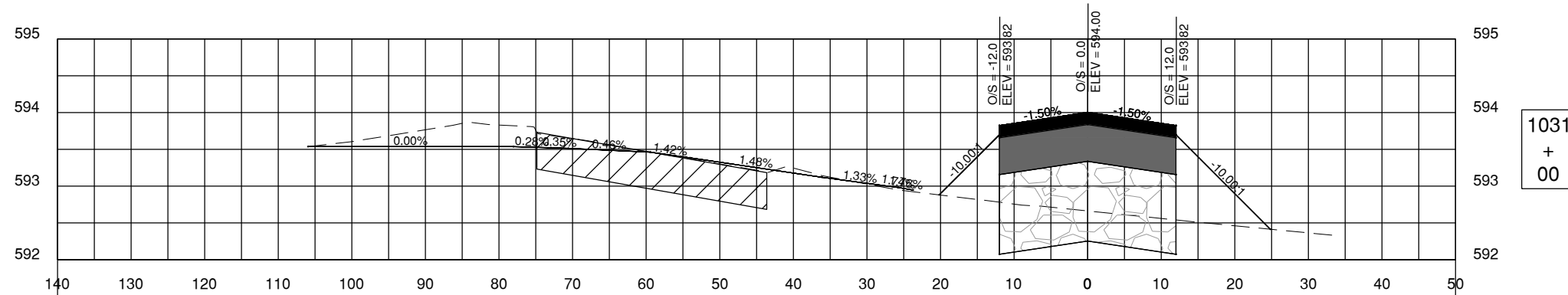
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CONSULTANTS

CA019

JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

MARK DATE DESCRIPTION

AIP PROJ. NO: 3-17-0096-XX

IL PROJ. NO: SPI-4614

CMT PROJECT NO: 14035-07-00

CAD DWG FILE: 1403507-C-SPCR-2.DWG

DESIGNED BY: AJB

DRAWN BY: DPA

CHECKED BY: CHK

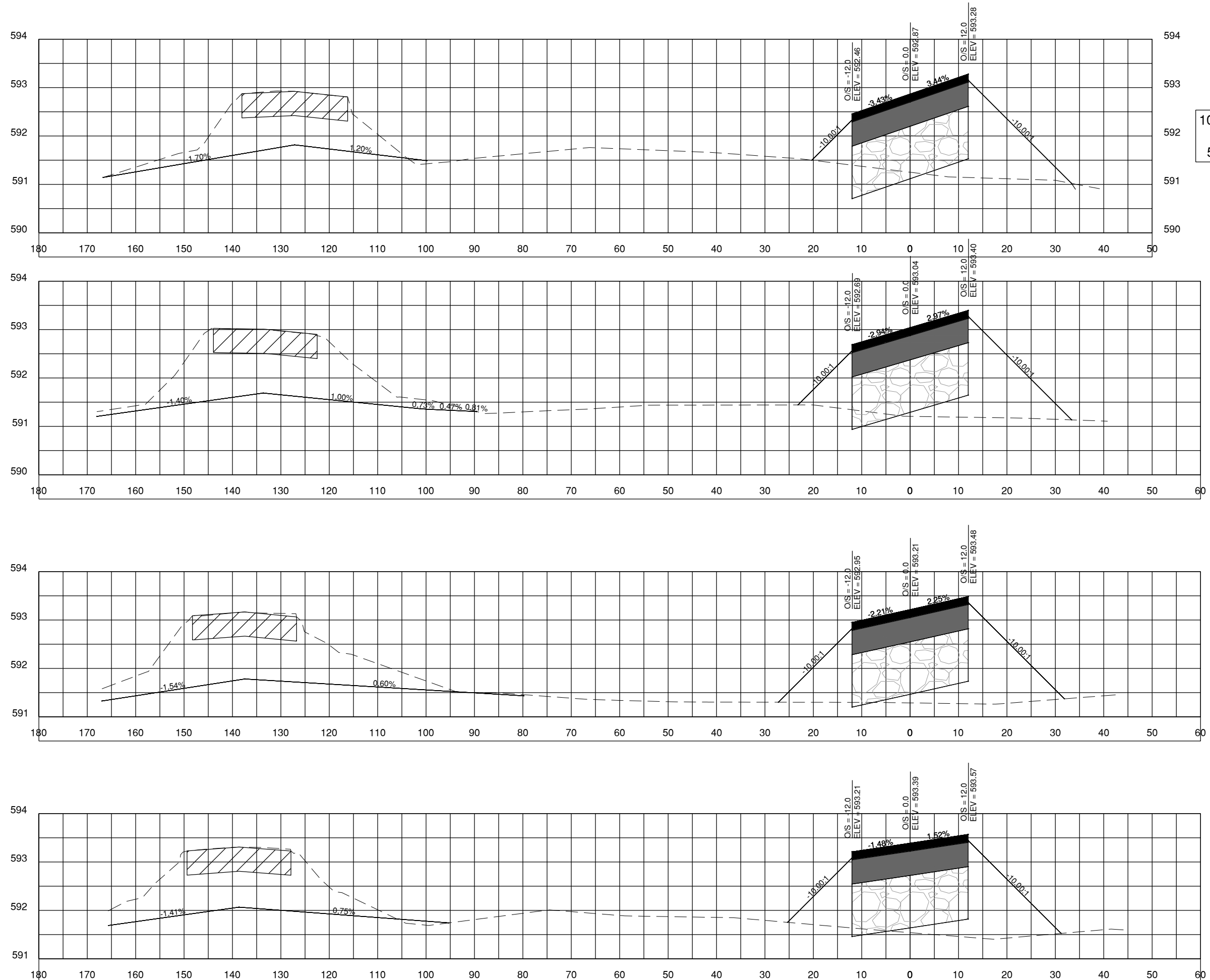
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COPYRIGHT:

SHEET TITLE

NE REALIGNMENT
CROSS SECTIONS 3

SHEET 33 OF 49



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JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER

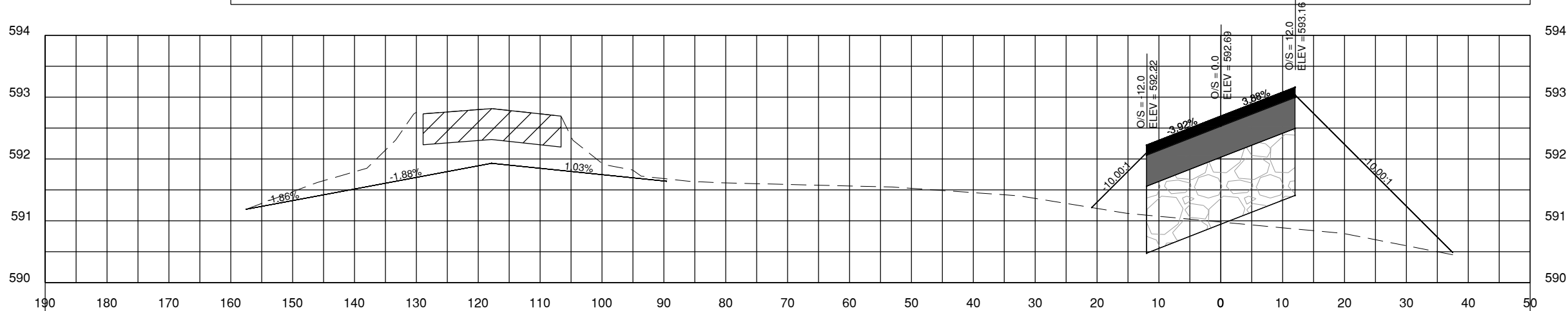
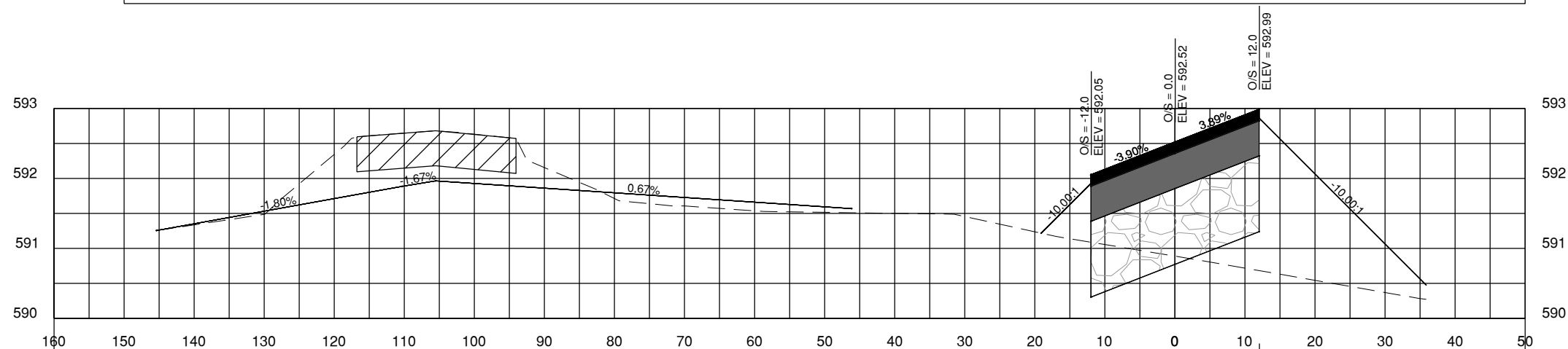
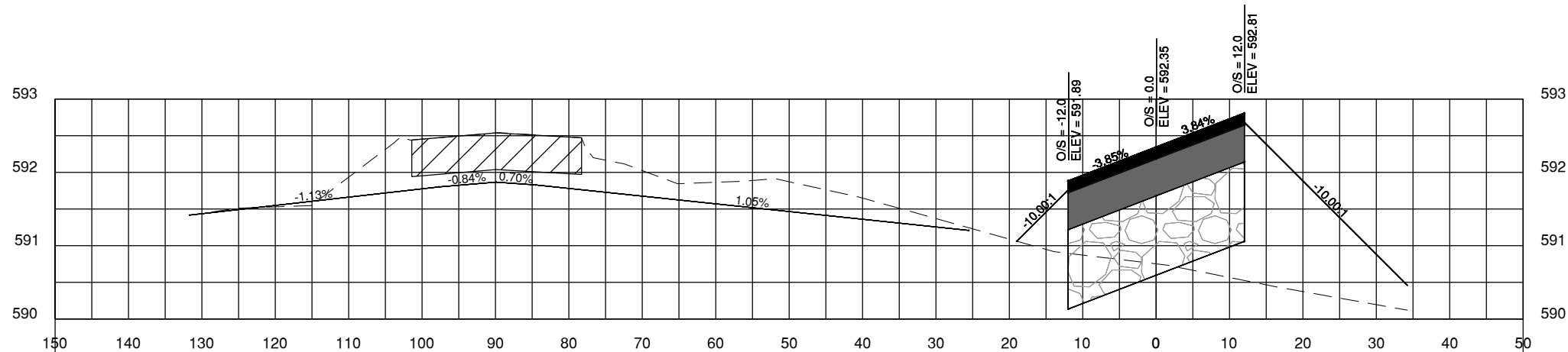
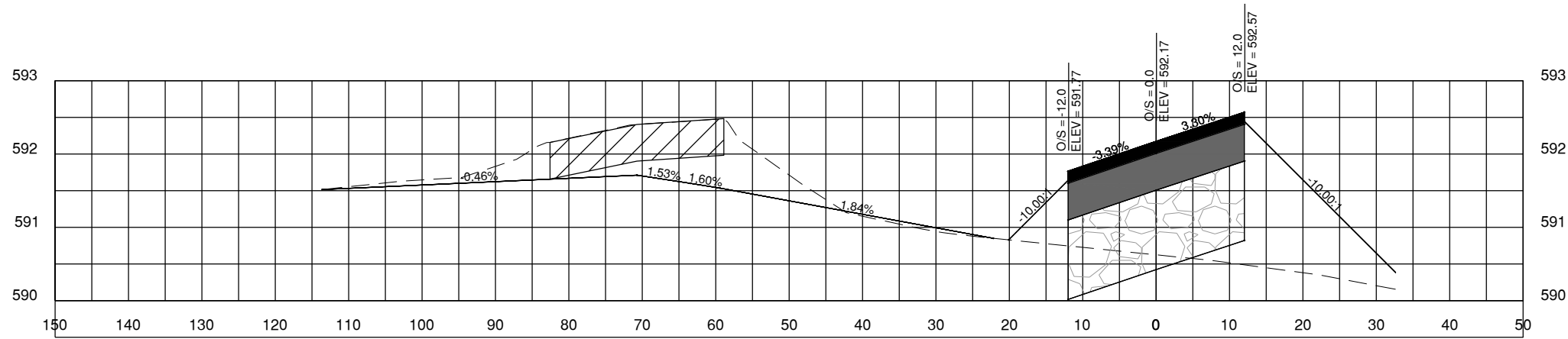


SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION

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IL PROJ. NO:	SPI-4614
CMT PROJECT NO:	14035-07-00
CAD DWG FILE:	1403507-C-SPCR-2.DWG
DESIGNED BY:	AJB
DRAWN BY:	DPA
CHECKED BY:	CHK
APPROVED BY:	APR
COPYRIGHT:	

SHEET TITLE
**NE REALIGNMENT
CROSS SECTIONS 4**





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JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

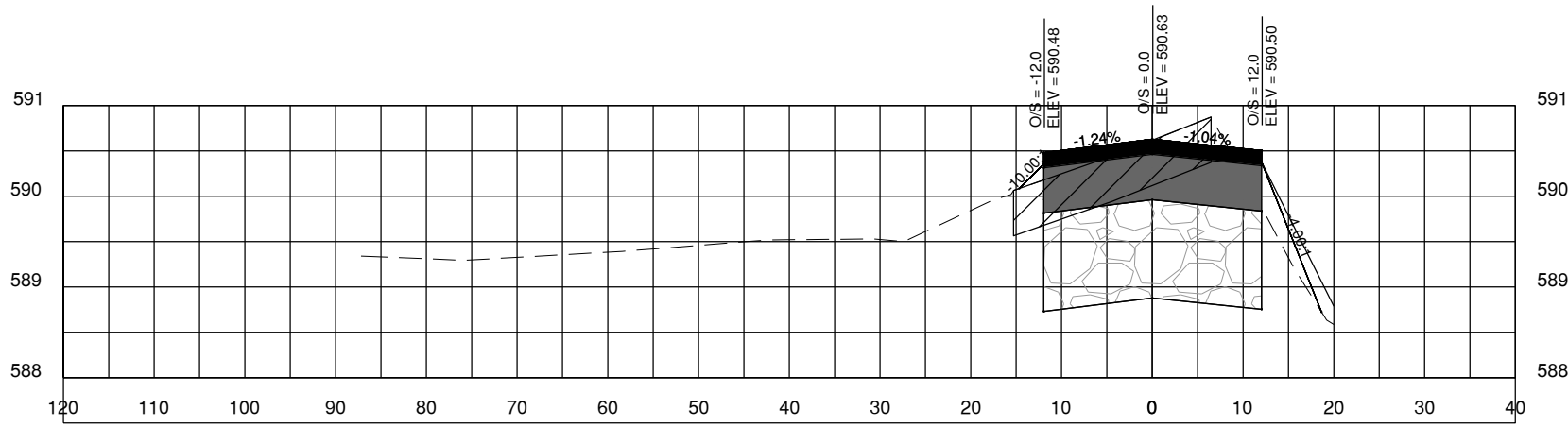
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IL PROJ. NO:	SPI-4614
CMT PROJECT NO:	14035-07-00
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DRAWN BY:	DPA
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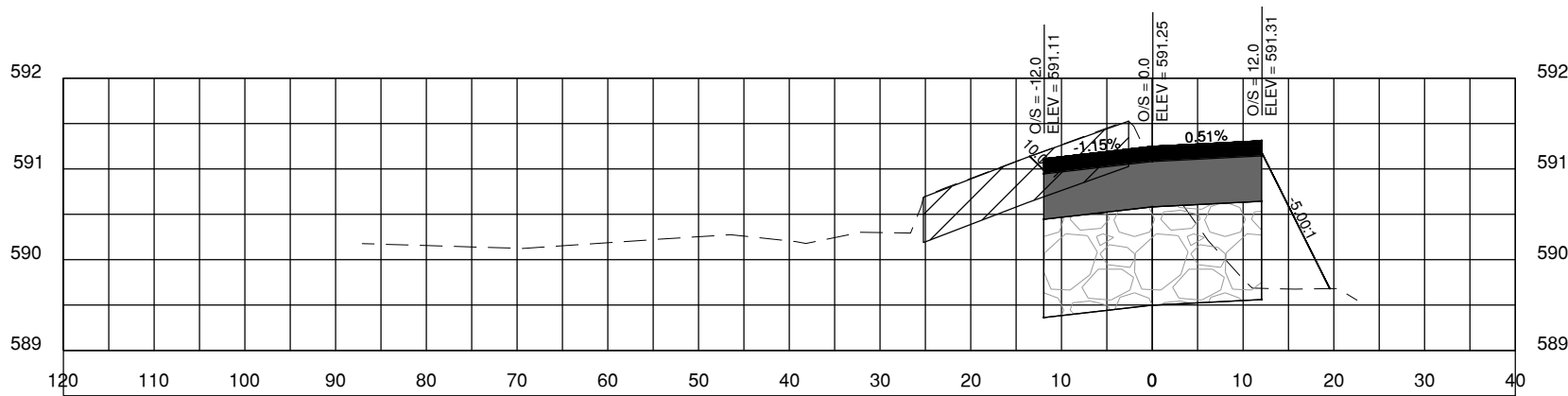
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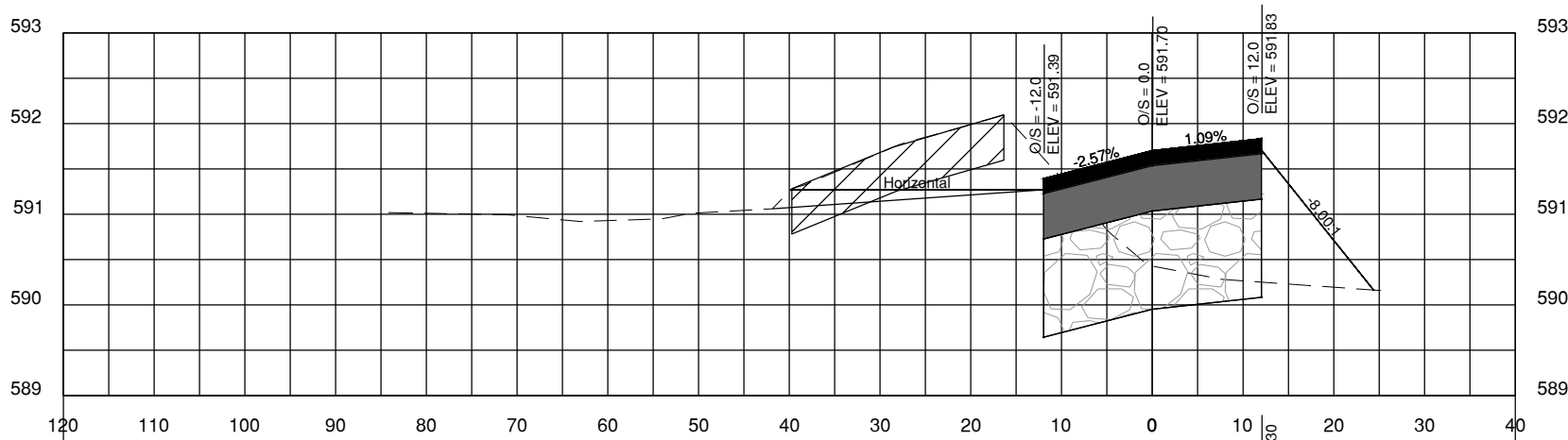
SHEET 35 OF 49



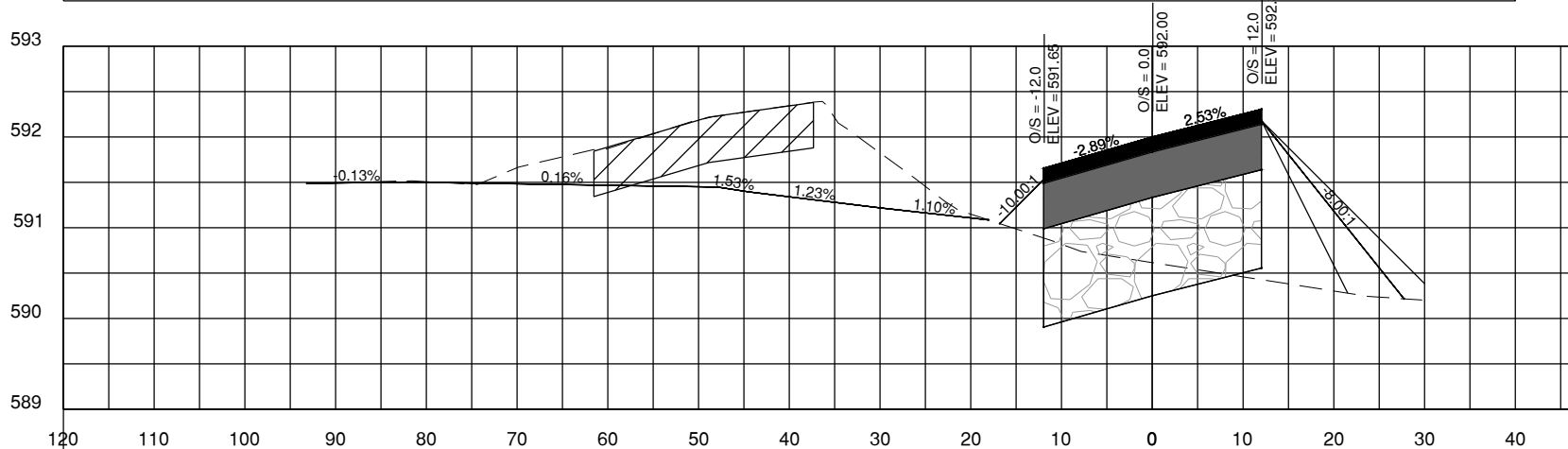
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JUNE 30, 2017

REHABILITATE PERIMETER
ACCESS ROADS - PHASE 2

OWNER

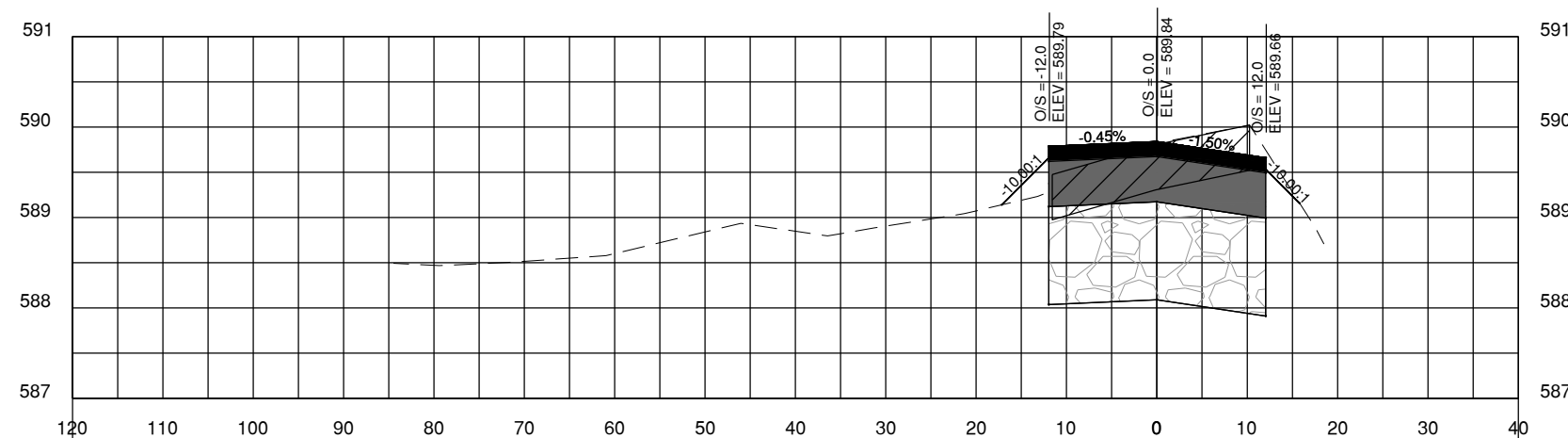
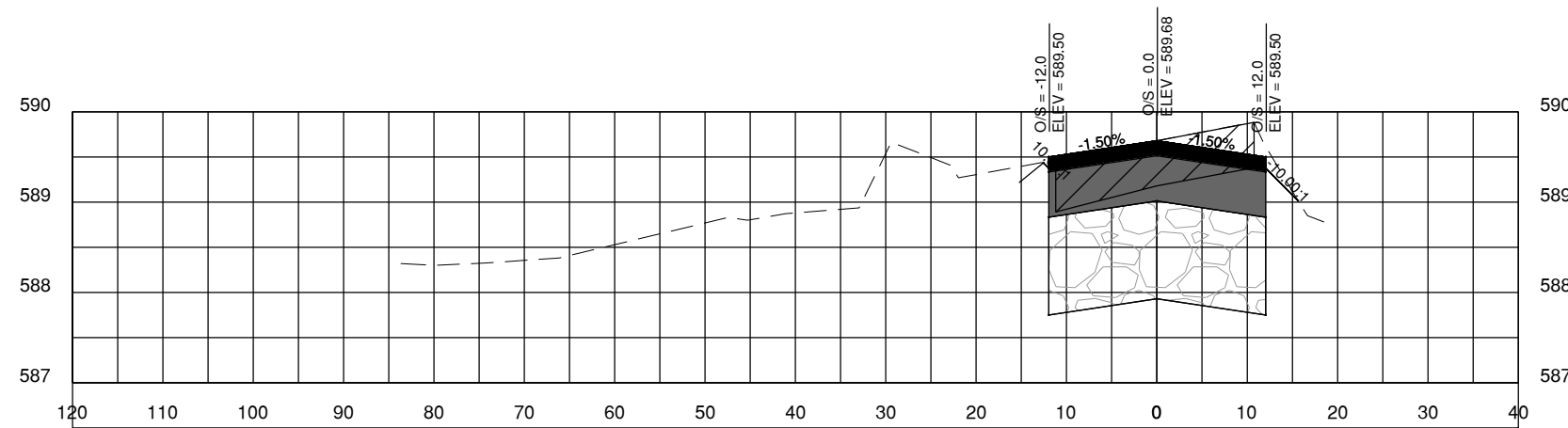


SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION

AIP PROJ. NO:	3-17-0096-XX
IL PROJ. NO:	SPI-4614
CMT PROJECT NO:	14035-07-00
CAD DWG FILE:	1403507-C-SPCR-2.DWG
DESIGNED BY:	AJB
DRAWN BY:	DPA
CHECKED BY:	CHK
APPROVED BY:	APR
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SHEET TITLE
**NE REALIGNMENT
CROSS SECTIONS 6**




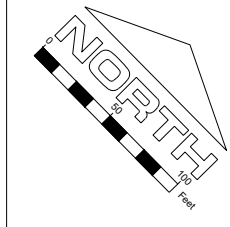
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THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER, THE DIVISION, NOR THE PROJECT ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.

IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY OF HIS OPERATIONAL PLANS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR DETAILED INFORMATION AND ASSISTANCE IN LOCATING UTILITIES. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY, THE OWNER, AND THE RESIDENT ENGINEER. ANY SUCH MAINS AND/OR SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED IMMEDIATELY AT HIS EXPENSE TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.

- LEGEND**
-  EXISTING BASE-MOUNTED TAXIWAY LIGHT
 -  EXISTING GATE POST
 -  EXISTING CATCH BASIN
 -  EXISTING SIGN POST
 -  EXISTING DUCT MARKER
 -  EXISTING STORM DRAIN
 -  EXISTING FENCELINE
 -  PROPOSED SAW CUT PRIOR TO REMOVAL

- EXISTING STRUCTURE TO BE REMOVED**
-  1.5" BIT. SURFACE COURSE
2.5" BIT. BASE COURSE
6" CRUSHED AGG. BASE



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JUNE 30, 2017

REHABILITATE PERIMETER
ACCESS ROADS - PHASE 2

OWNER

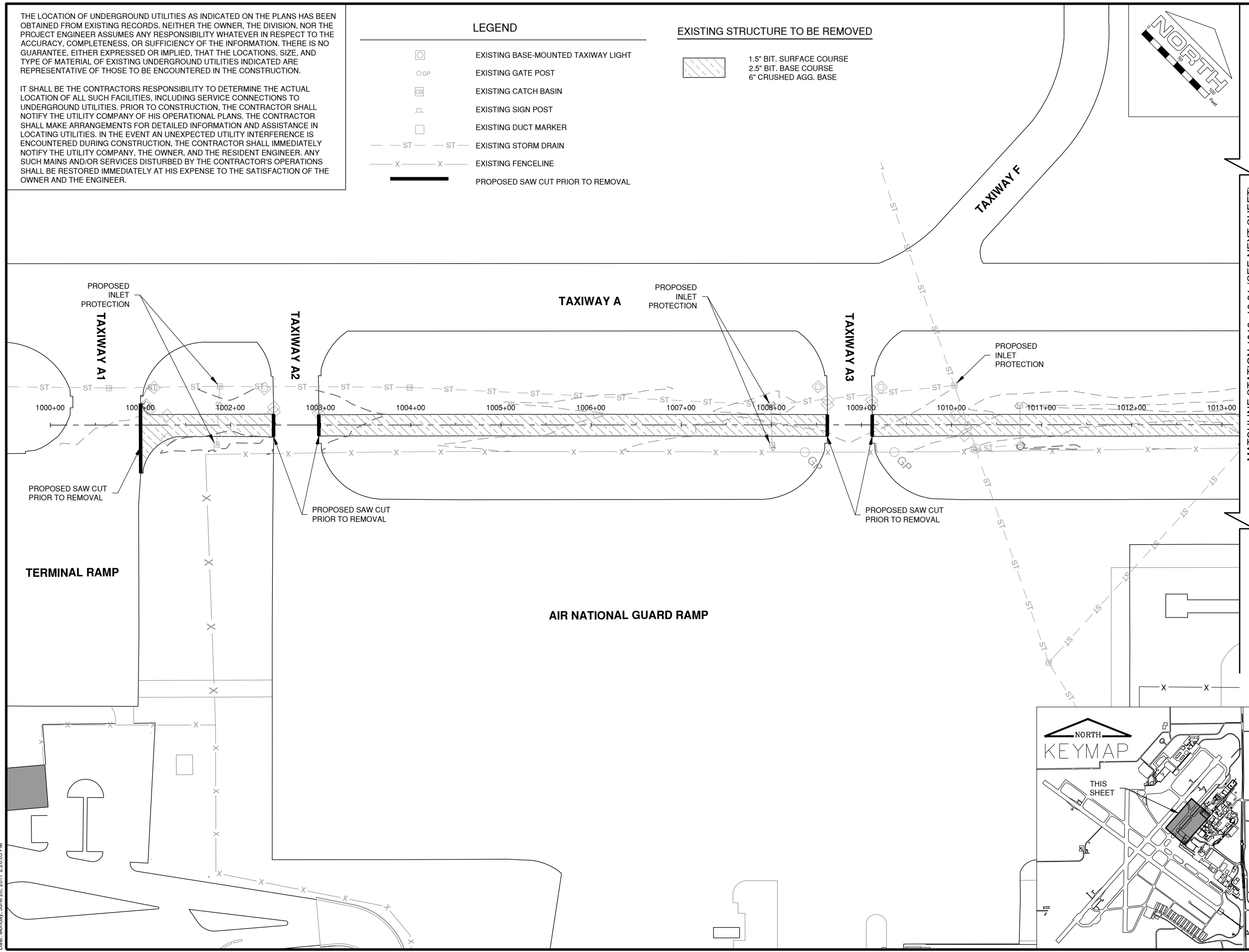


SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL

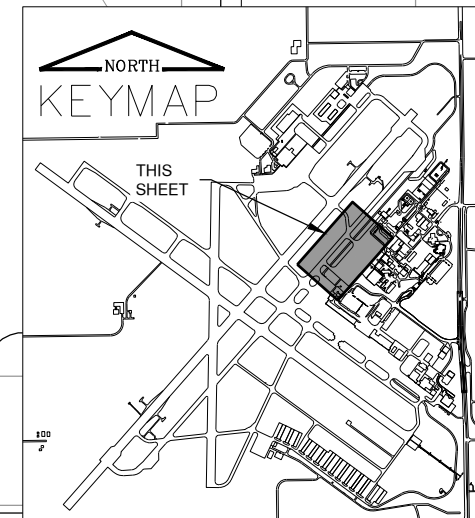
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IL PROJ. NO: SPI-4614		
CMT PROJECT NO: 14035-07-00		
CAD DWG FILE: SPI4440-1403507-CD104.DWG		
DESIGNED BY: AJB		
DRAWN BY: DPA		
CHECKED BY: RLV		
APPROVED BY: RLV		
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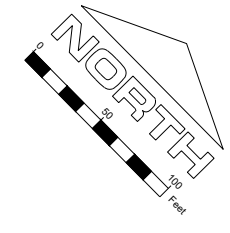
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**TXY A PERIMETER RD.
EXIST CONDITIONS 1**

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Date: Monday, June 26, 2017, 2:26:05 PM



MATCHLINE STATION 1013+19.31 (SEE NEXT SHEET)





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JUNE 30, 2017

REHABILITATE PERIMETER
ACCESS ROADS - PHASE 2

OWNER

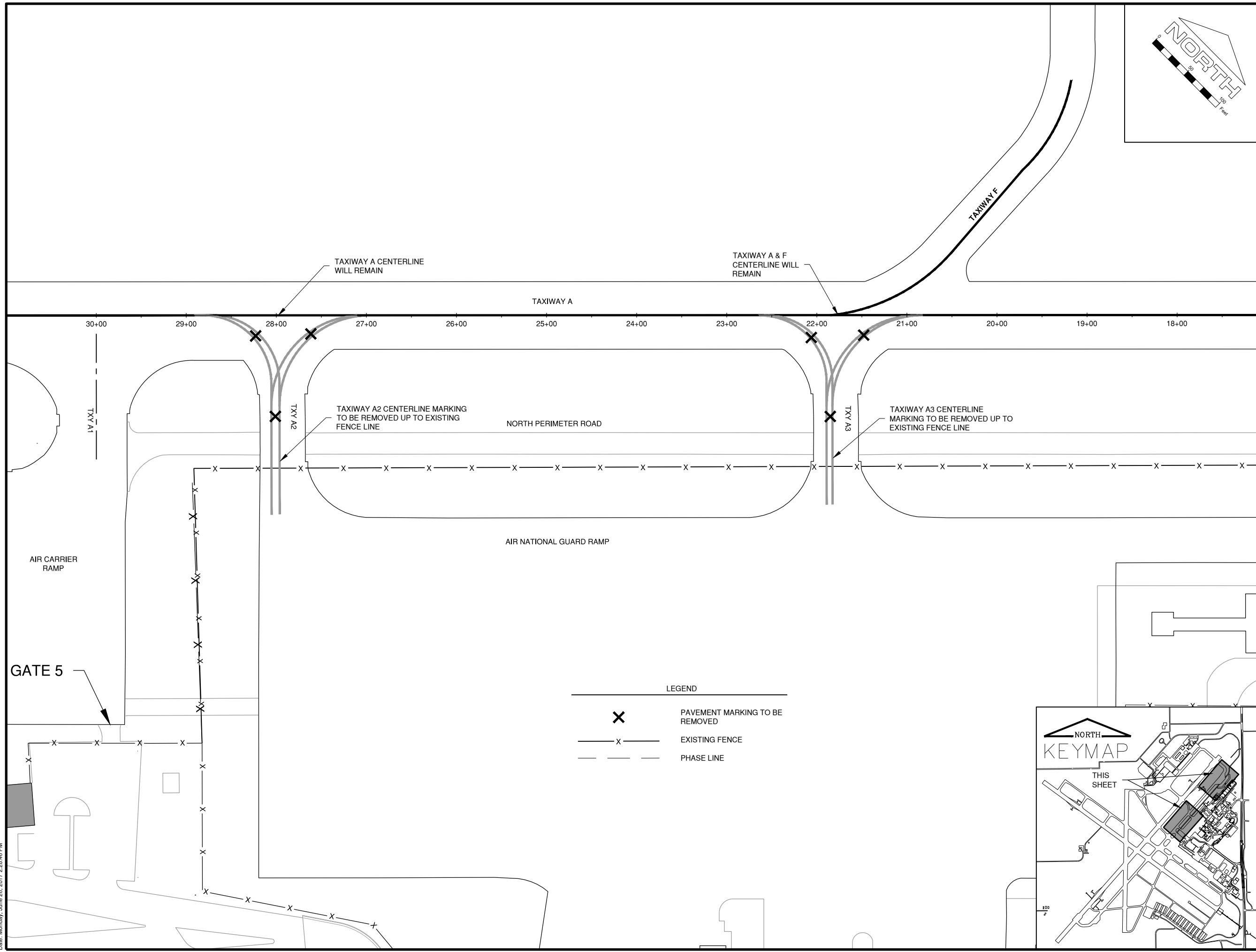


SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION
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IL PROJ. NO:	SPI-4614	
CMT PROJECT NO:	14035-07-00	
CAD DWG FILE:	SPI4440-1403507-MP501.DWG	
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DRAWN BY:	DPA	
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APPROVED BY:	RLV	
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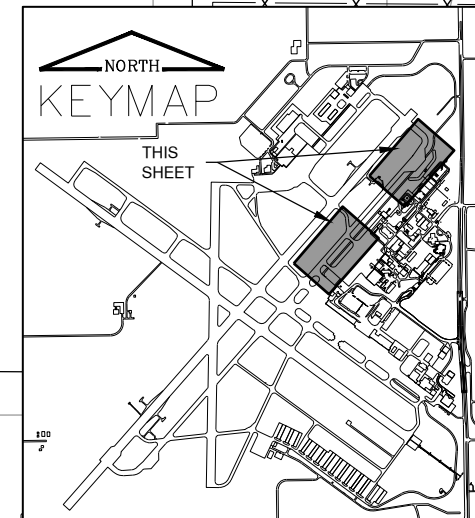
SHEET TITLE
**TXY A PERIMETER RD.
PAVEMENT MARKING
REMOVALS**

SHEET 39 OF 49








LEGEND

X	PAVEMENT MARKING TO BE REMOVED
—x—	EXISTING FENCE
- - -	PHASE LINE



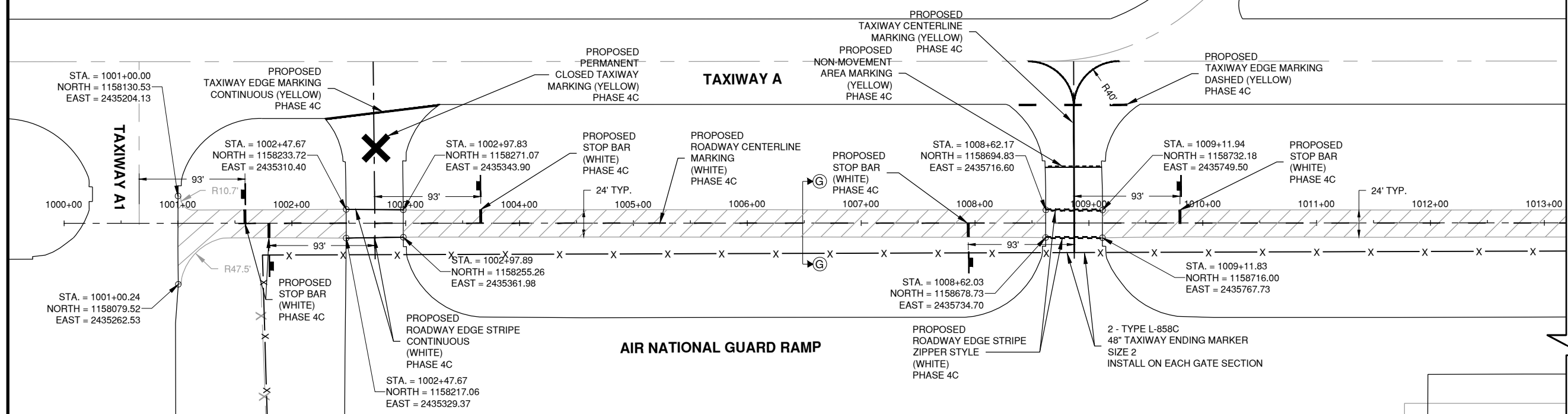
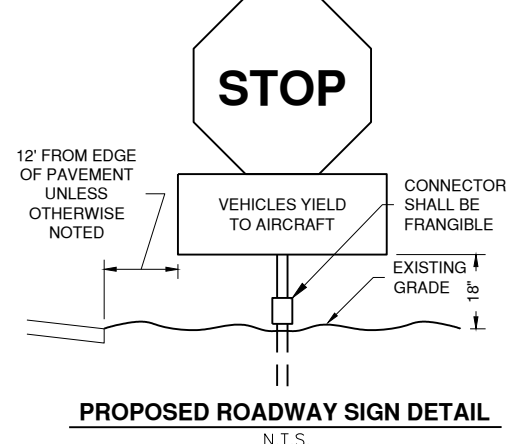
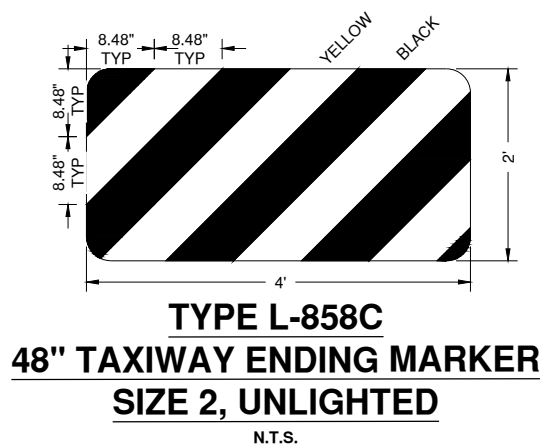
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PAVEMENT LEGEND

-  NEW TAXIWAY A PERIMETER ROAD PAVEMENT
-  NEW 2" BITUMINOUS SURFACE COURSE (401)
-  NEW 6" BITUMINOUS BASE COURSE (403)
-  NEW 13" CRUSHED AGGREGATE BASE COURSE (209)
-  NEW COMPACTED SUBGRADE (152)

PROPOSED ROADWAY SIGN

PROPOSED MARKING



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JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER

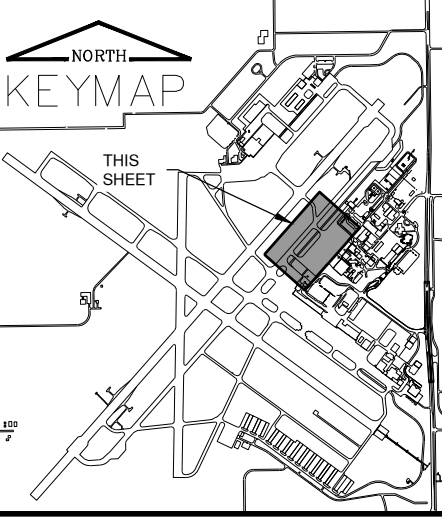
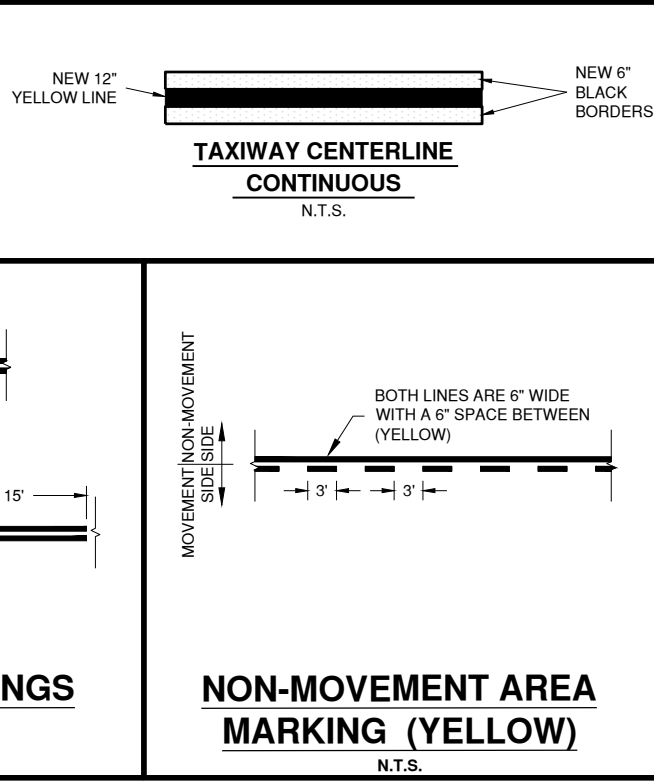
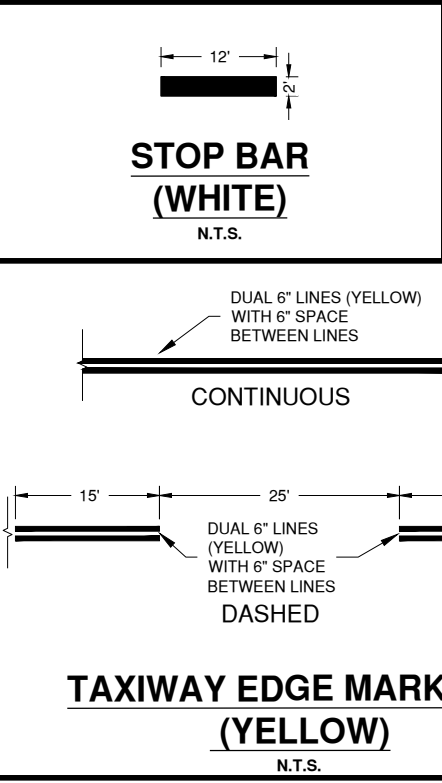
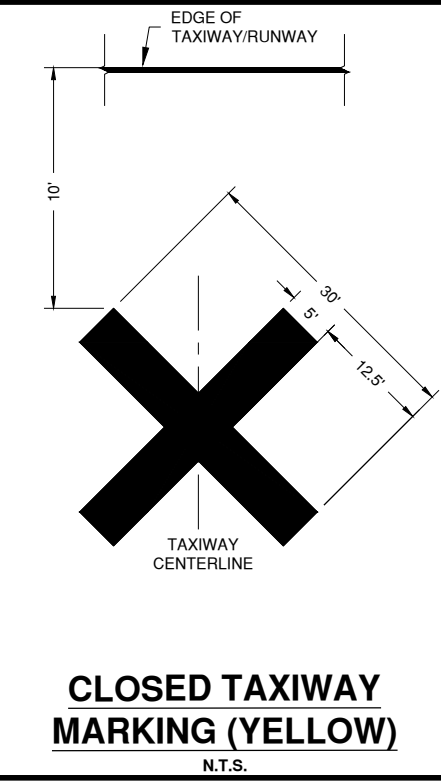
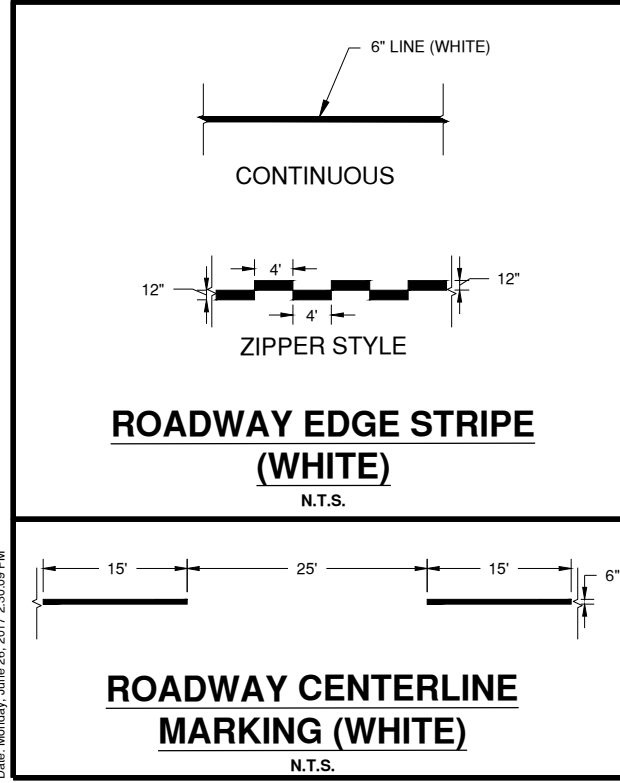


SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

MARK	DATE	DESCRIPTION
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IL PROJ. NO: SPI-4614		
CMT PROJECT NO: 14035-07-00		
CAD DWG FILE: SPI4440-1403507-CP104.DWG		
DESIGNED BY: AJB		
DRAWN BY: DPA		
CHECKED BY: RLV		
APPROVED BY: RLV		
COPYRIGHT:		

SHEET TITLE
TXY A PERIMETER RD. PR. IMPROVEMENTS 1

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Date: Monday, June 26, 2017, 2:30:09 PM





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JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



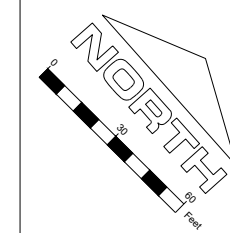
SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

MARK | DATE | DESCRIPTION




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DESIGNED BY:	AJB
DRAWN BY:	DPA
CHECKED BY:	RLV
APPROVED BY:	RLV
COPYRIGHT:	

SHEET TITLE
**TXY A PERIMETER RD.
STAKING PLAN 2**

SHEET 43 OF 49



LEGEND

-  PROPOSED ELEVATION
-  EXISTING ELEVATION
-  EXCELSIOR BLANKET

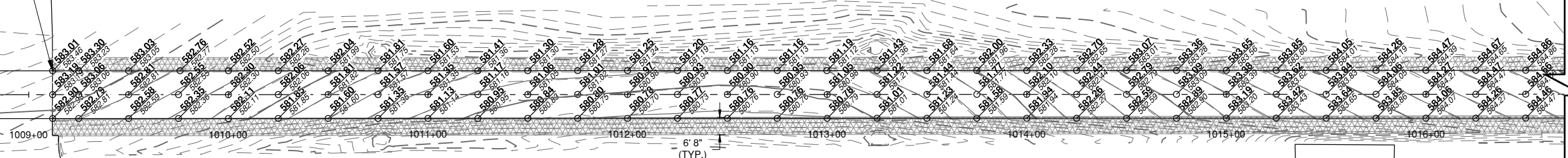
TAXIWAY F

TAXIWAY A

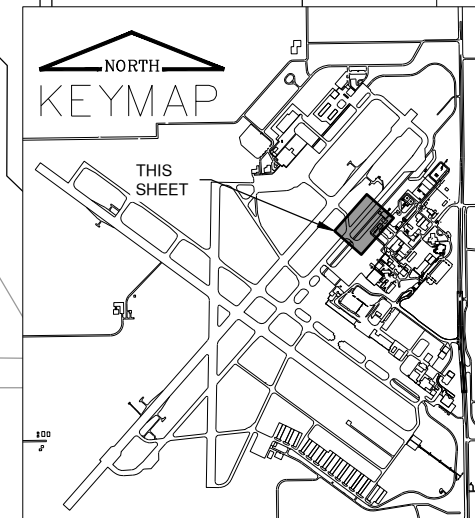
MATCHLINE STATION 1016+69.57 (SEE NEXT SHEET)

MATCHLINE STATION 1008+69.31 (SEE PREVIOUS SHEET)

MATCH EXISTING PAVEMENT



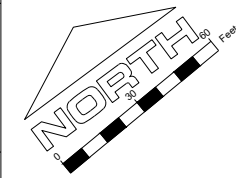
AIR NATIONAL GUARD RAMP



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JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

BRAVO RAMP

PROPOSED AIRFIELD GUIDANCE SIGN REMOVAL SEE NOTE 1

3006+68
10'
3006+00

TAXIWAY B2

3005+00

3004+00

3003+00

3002+00

3001+00

3000+00

TAXIWAY B1

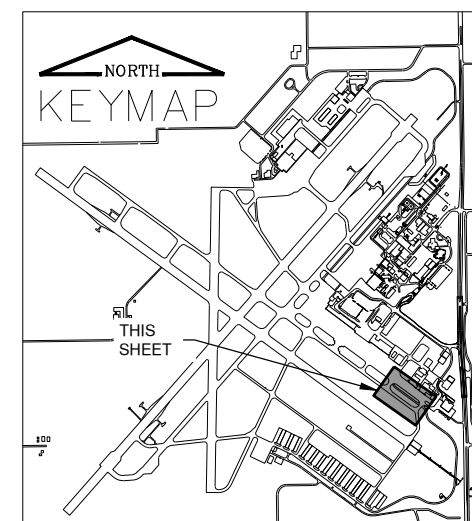
TAXIWAY B

NOTES:

1. DISCONNECT SIGNS FROM CIRCUIT AT EDGE LIGHT BASE & RE-ESTABLISH CIRCUIT.

LEGEND

- EXISTING BASE-MOUNTED TAXIWAY LIGHT
- EXISTING TRANSFORMER
- EXISTING ELECTRIC HANDHOLE
- EXISTING ELECTRIC VAULT
- EXISTING DUCT MARKER
- EXISTING TAXIWAY GUIDANCE SIGN
- EXISTING CATCH BASIN
- EXISTING SIGN
- PROPOSED REMOVAL
- PROPOSED PAVEMENT REMOVAL - 4" HMA ON 6" AGGREGATE BASE
- PROPOSED BUTT JOINT MILLING
- PROPOSED SAWCUT PRIOR TO PAVEMENT REMOVAL



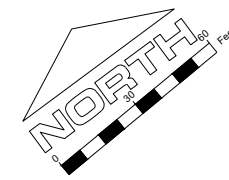
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DESIGNED BY:	AJB
DRAWN BY:	DPA
CHECKED BY:	RLV
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SHEET TITLE
TXY B PERIMETER ROAD EXISTING CONDITIONS

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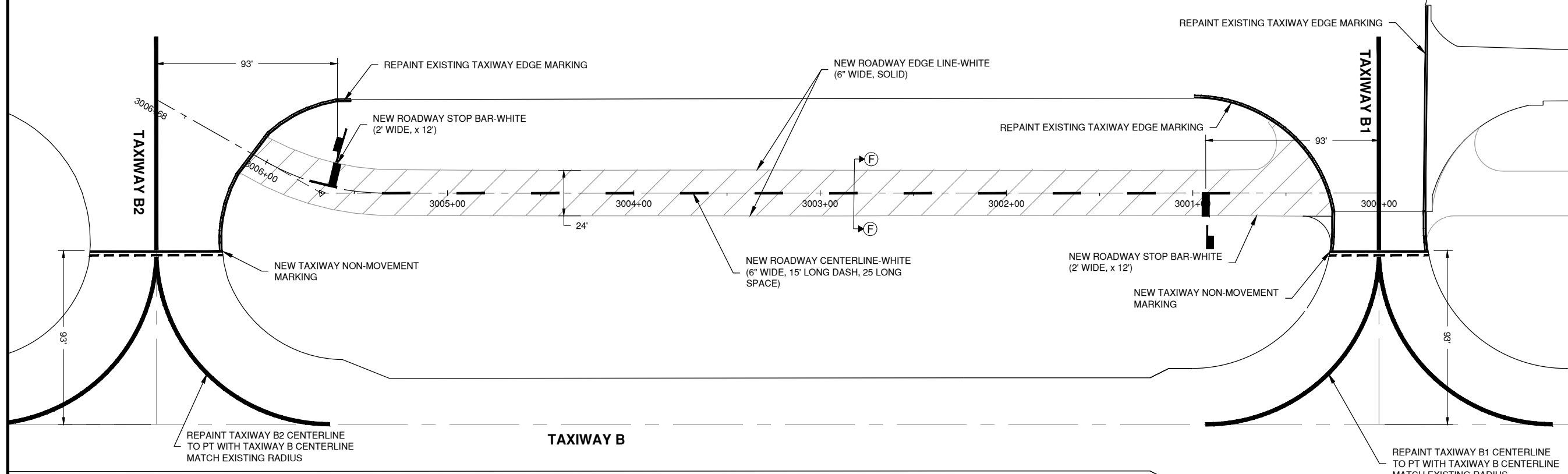
CONSULTANTS

CA019

PAVEMENT LEGEND

- NEW TAXIWAY B PERIMETER ROAD PAVEMENT
NEW 2" BITUMINOUS SURFACE COURSE (401)
NEW 6" BITUMINOUS BASE COURSE (403)
NEW 13" CRUSHED AGGREGATE BASE COURSE (209)
NEW COMPACTED SUBGRADE (152)
- PROPOSED ROADWAY SIGN
- PROPOSED PAVEMENT MARKING

BRAVO RAMP



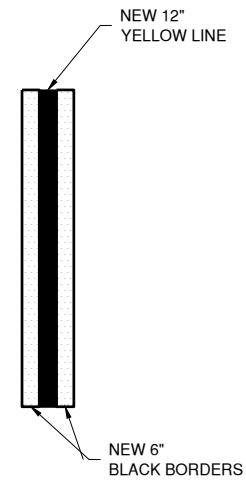
JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

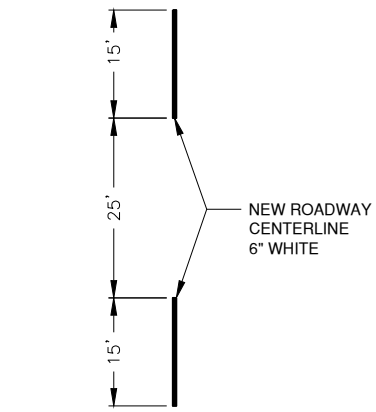
OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL



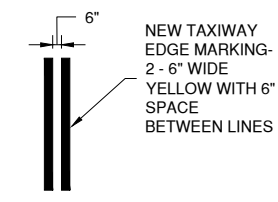
TAXIWAY CENTERLINE CONTINUOUS N.T.S.



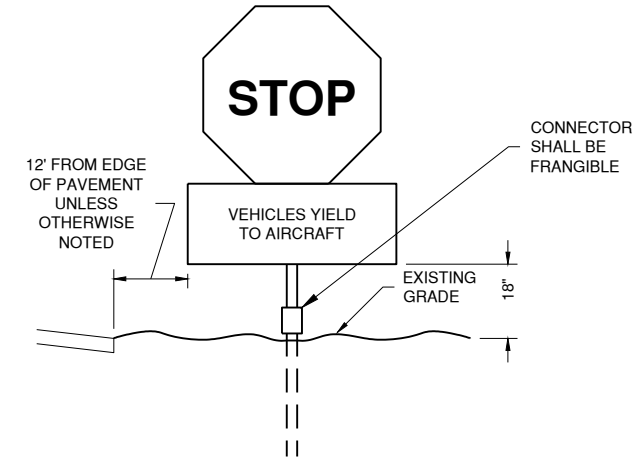
ROADWAY CENTERLINE DASHED N.T.S.



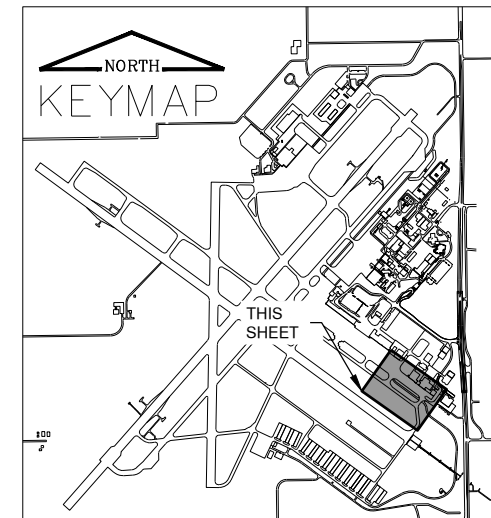
NEW ROADWAY STOPLINE N.T.S.



TAXIWAY EDGELINE CONTINUOUS N.T.S.



PROPOSED ROADWAY SIGN DETAIL N.T.S.



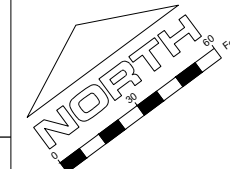
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DESIGNED BY: AJB		
DRAWN BY: DPA		
CHECKED BY: RLV		
APPROVED BY: RLV		
COPYRIGHT:		

TXY B PERIMETER ROAD PROPOSED IMPROVEMENTS

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Date: Monday, June 26, 2017, 2:39:12 PM

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JUNE 30, 2017

REHABILITATE PERIMETER ACCESS ROADS - PHASE 2

OWNER



SPRINGFIELD AIRPORT AUTHORITY
ABRAHAM LINCOLN CAPITAL AIRPORT
SPRINGFIELD, IL

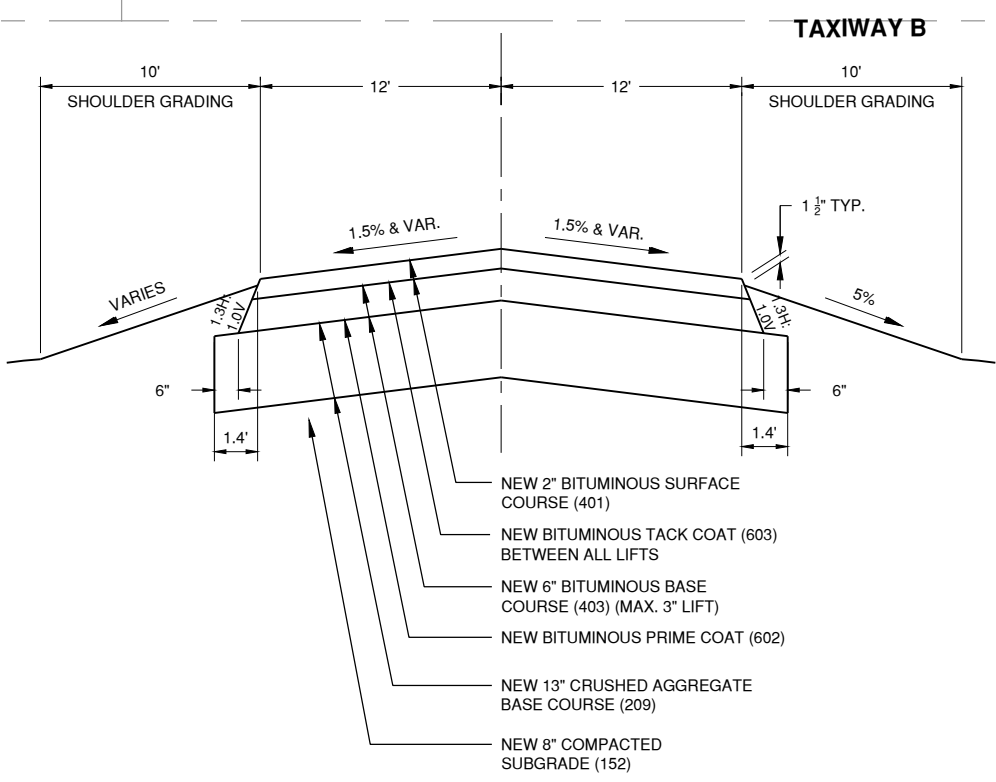
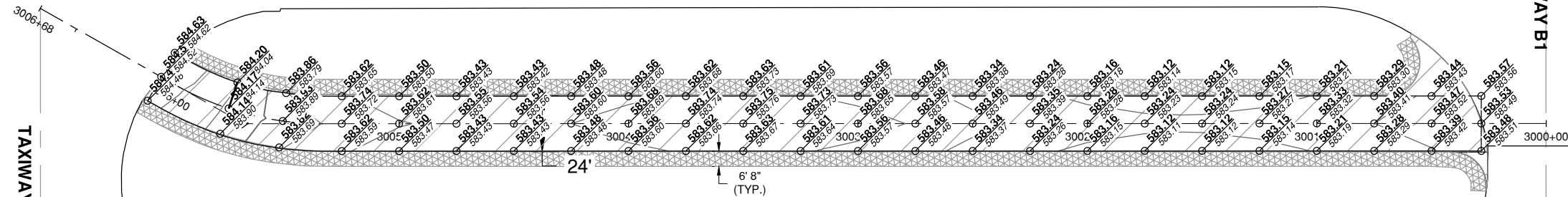
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SHEET TITLE
TXY B PERIMETER ROAD STAKING PLAN




SHEET 48 OF 49

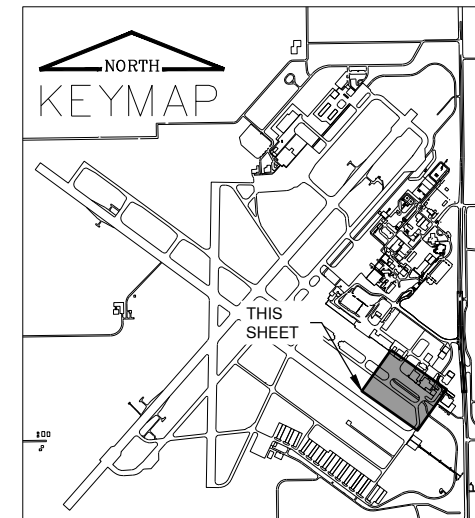
BRAVO RAMP



F NEW TAXIWAY B PERIMETER ROAD F
N.T.S.

LEGEND

-  PROPOSED ELEVATION
-  EXISTING ELEVATION
-  EXCELSIOR BLANKET



Path: K:\Springfield\A0114035-07\Draw\Sheets\Phase2\SPI4440-1403507-CS104.dwg
Date: Monday, June 26, 2017, 2:41:38 PM

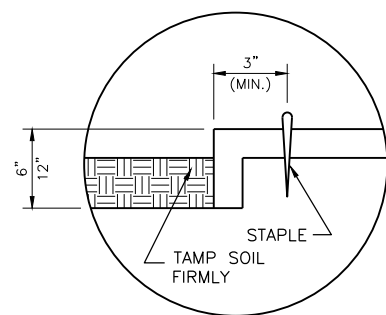
JUNE 30, 2017

REHABILITATE PERIMETER
ACCESS ROADS - PHASE 2

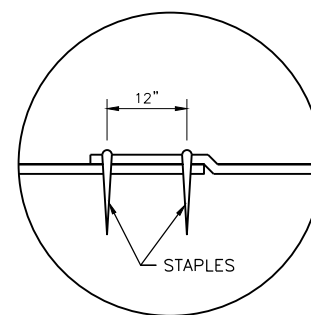
OWNER



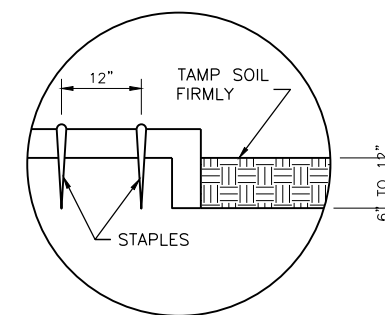
SPRINGFIELD AIRPORT
AUTHORITY
ABRAHAM LINCOLN CAPITAL
AIRPORT
SPRINGFIELD, IL



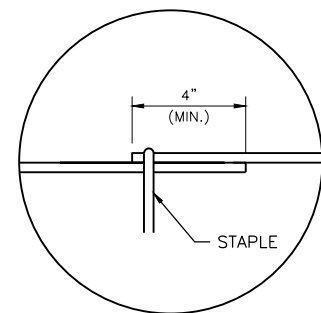
DETAIL 1 - TERMINAL FOLD



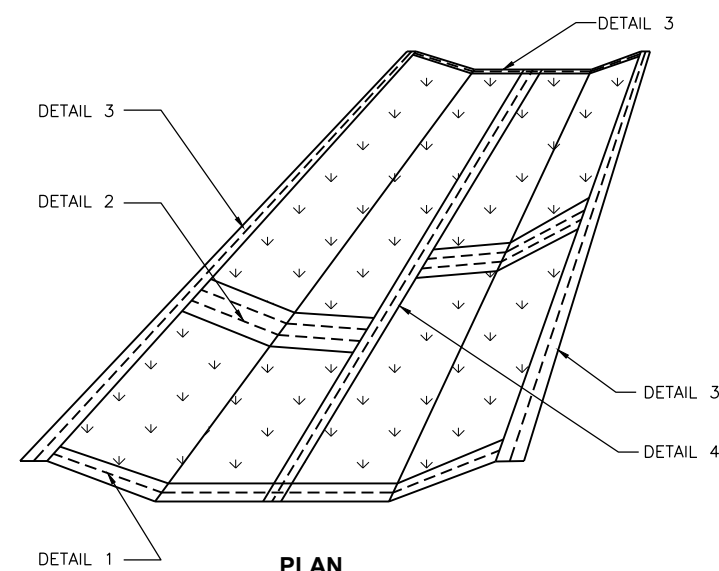
DETAIL 2 - JUNCTION SLOT



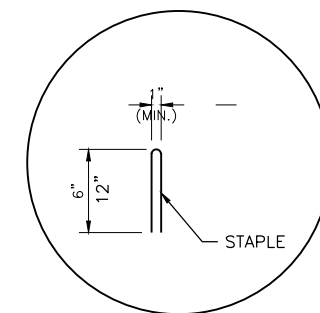
DETAIL 3 - ANCHOR SLOT



DETAIL 4 - LAP JOINT



PLAN



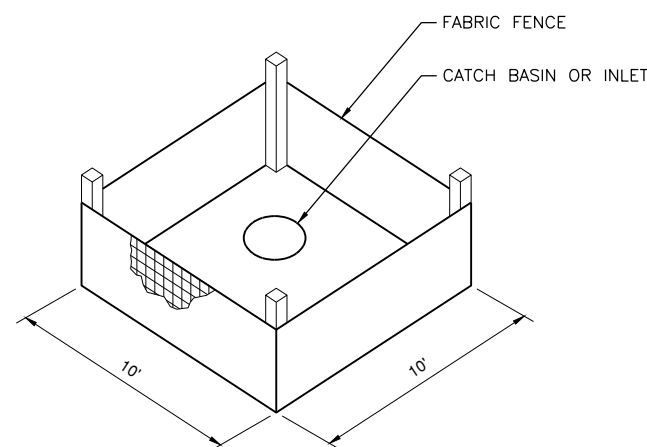
DETAIL 5 - STAPLE DETAIL

EXCELSIOR BLANKET DETAILS

N.T.S.

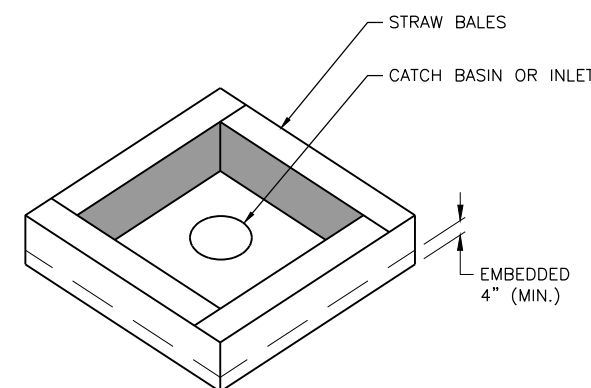
EXCELSIOR BLANKET NOTES

1. STAPLES TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART.
2. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
3. ALL TERMINALS ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.



INLET PROTECTION WITH FABRIC

N.T.S.



INLET PROTECTION WITH STRAW BALES

N.T.S.

MARK	DATE	DESCRIPTION

AIP PROJ. NO: 3-17-0096-XX
IL PROJ. NO: SPI-4614
CMT PROJECT NO: 14035-07-00
CAD DWG FILE: SPI440-1403507-GD504.DWG
DESIGNED BY: JMW
DRAWN BY: DPA
CHECKED BY: RLV
APPROVED BY: RLV
COPYRIGHT:

SHEET TITLE
**EROSION CONTROL
DETAILS**