



Illinois Department of Transportation

Office of Intermodal Project Implementation / Division of Aeronautics
1 Langhorne Bond Drive / Springfield, Illinois 62707-8415

March 6, 2019

SUBJECT: Centralia Municipal Airport
Centralia, Illinois
Marion County
Illinois Project Number: ENL-4661
Contract No. CE036
Item No. 03A, March 8, 2019 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

Reason(s) for Addendum:

Revise the critical point table to be shown in Latitude/Longitude

Clarification on subgrade repairs where required

To All Plan Holders:

Sheet 6, 7, 9, 12, and 14:

1. Revise critical point table to show points in Latitude and Longitude.
2. Revise critical point table to correct Latitude and Longitude.
3. Typical sections shown include subgrade repair areas. These areas may not present for the length of the new pavement unless where required.

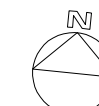
Also note, subgrade repair will be solely decided by the engineer due to proof rolling.

Specifications:

1. Page #19 for ITEM 152511 – Subgrade Repair.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bid.

Questions on this addendum may be directed to Chris Groth, P.E. of Crawford, Murphy and Tilly, Inc. at 217-787-8050.



0 50' 100'
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

CE036

JANUARY 11, 2019

CONSTRUCT ACCESS TAXIWAY TO RUNWAY 9

OWNER



CENTRALIA MUNICIPAL AIRPORT
CITY OF CENTRALIA, ILLINOIS
CENTRALIA, ILLINOIS

MARK	DATE	DESCRIPTION

AIP PROJ. NO. 3-17-SBGP-144

IL PROJ. NO. ENL 4661

CMT PROJECT NO: 17072-02-00

CAD DWG FILE: 1707202-GC101.DWG

DESIGNED BY: AJJ

DRAWN BY: DPA

CHECKED BY: RLV

APPROVED BY: CBG

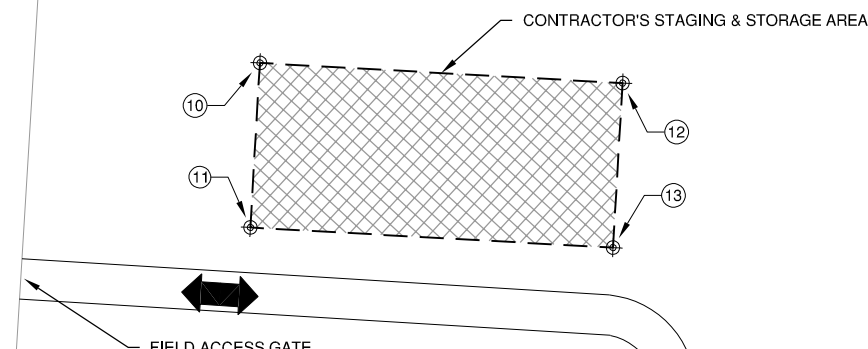
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SHEET TITLE

CONSTRUCTION ACTIVITY PLAN

GC101

SHEET 7 OF 25



FIELD ACCESS GATE

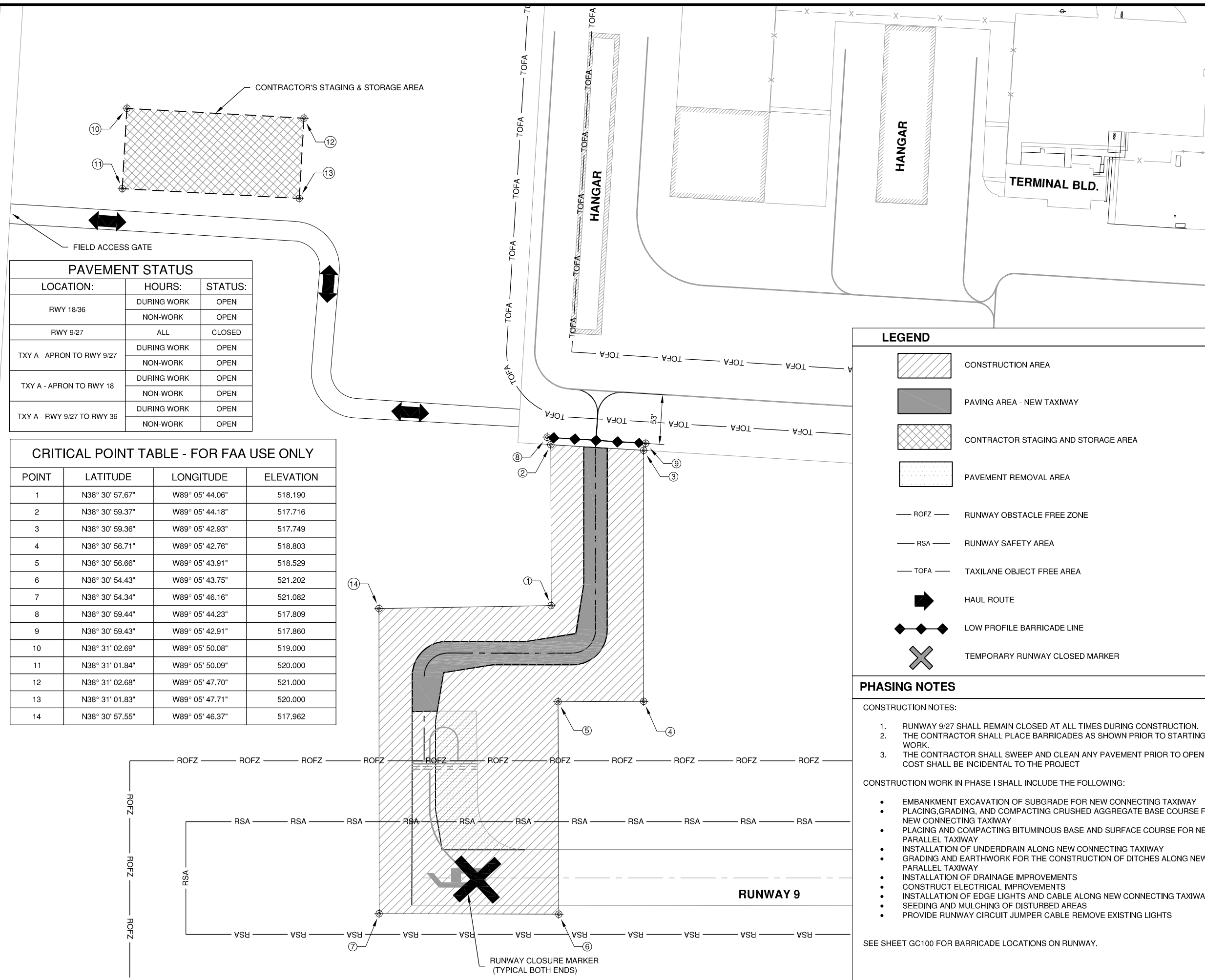
PAVEMENT STATUS

LOCATION:	HOURS:	STATUS:
RWY 18/36	DURING WORK	OPEN
	NON-WORK	OPEN
RWY 9/27	ALL	CLOSED
TXY A - APRON TO RWY 9/27	DURING WORK	OPEN
	NON-WORK	OPEN
TXY A - APRON TO RWY 18	DURING WORK	OPEN
	NON-WORK	OPEN
TXY A - RWY 9/27 TO RWY 36	DURING WORK	OPEN
	NON-WORK	OPEN

CRITICAL POINT TABLE - FOR FAA USE ONLY

POINT	LATITUDE	LONGITUDE	ELEVATION
1	N38° 30' 57.67"	W89° 05' 44.06"	518.190
2	N38° 30' 59.37"	W89° 05' 44.18"	517.716
3	N38° 30' 59.36"	W89° 05' 42.93"	517.749
4	N38° 30' 56.71"	W89° 05' 42.76"	518.803
5	N38° 30' 56.66"	W89° 05' 43.91"	518.529
6	N38° 30' 54.43"	W89° 05' 43.75"	521.202
7	N38° 30' 54.34"	W89° 05' 46.16"	521.082
8	N38° 30' 59.44"	W89° 05' 44.23"	517.809
9	N38° 30' 59.43"	W89° 05' 42.91"	517.860
10	N38° 31' 02.69"	W89° 05' 50.08"	519.000
11	N38° 31' 01.84"	W89° 05' 50.09"	520.000
12	N38° 31' 02.68"	W89° 05' 47.70"	521.000
13	N38° 31' 01.83"	W89° 05' 47.71"	520.000
14	N38° 30' 57.55"	W89° 05' 46.37"	517.962

CO RD 250 E. AIRPORT ROAD



LEGEND

- CONSTRUCTION AREA
- PAVING AREA - NEW TAXIWAY
- CONTRACTOR STAGING AND STORAGE AREA
- PAVEMENT REMOVAL AREA
- ROFZ — RUNWAY OBSTACLE FREE ZONE
- RSA — RUNWAY SAFETY AREA
- TOFA — TAXILANE OBJECT FREE AREA
- HAUL ROUTE
- LOW PROFILE BARRICADE LINE
- TEMPORARY RUNWAY CLOSED MARKER

PHASING NOTES

- CONSTRUCTION NOTES:
- RUNWAY 9/27 SHALL REMAIN CLOSED AT ALL TIMES DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL PLACE BARRICADES AS SHOWN PRIOR TO STARTING WORK.
 - THE CONTRACTOR SHALL SWEEP AND CLEAN ANY PAVEMENT PRIOR TO OPENING; COST SHALL BE INCIDENTAL TO THE PROJECT
- CONSTRUCTION WORK IN PHASE I SHALL INCLUDE THE FOLLOWING:
- EMBANKMENT EXCAVATION OF SUBGRADE FOR NEW CONNECTING TAXIWAY
 - PLACING, GRADING, AND COMPACTING CRUSHED AGGREGATE BASE COURSE FOR NEW CONNECTING TAXIWAY
 - PLACING AND COMPACTING BITUMINOUS BASE AND SURFACE COURSE FOR NEW PARALLEL TAXIWAY
 - INSTALLATION OF UNDERDRAIN ALONG NEW CONNECTING TAXIWAY
 - GRADING AND EARTHWORK FOR THE CONSTRUCTION OF DITCHES ALONG NEW PARALLEL TAXIWAY
 - INSTALLATION OF DRAINAGE IMPROVEMENTS
 - CONSTRUCT ELECTRICAL IMPROVEMENTS
 - INSTALLATION OF EDGE LIGHTS AND CABLE ALONG NEW CONNECTING TAXIWAY
 - SEEDING AND MULCHING OF DISTURBED AREAS
 - PROVIDE RUNWAY CIRCUIT JUMPER CABLE REMOVE EXISTING LIGHTS

SEE SHEET GC100 FOR BARRICADE LOCATIONS ON RUNWAY.

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Date: Tuesday, March 5, 2019 8:06:24 AM



THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

CE036

JANUARY 11, 2019

CONSTRUCT ACCESS TAXIWAY TO RUNWAY 9

OWNER



CENTRALIA MUNICIPAL AIRPORT
CITY OF CENTRALIA, ILLINOIS
CENTRALIA, ILLINOIS

AJJ 2/28/19 ADDENDUM #1

MARK	DATE	DESCRIPTION

AIP PROJ. NO. 3-17-SBGP-144

IL PROJ. NO. ENL 4661

CMT PROJECT NO: 17072-02-00

CAD DWG FILE: 1707202-CP101.DWG

DESIGNED BY: AJJ

DRAWN BY: DPA

CHECKED BY: RLV

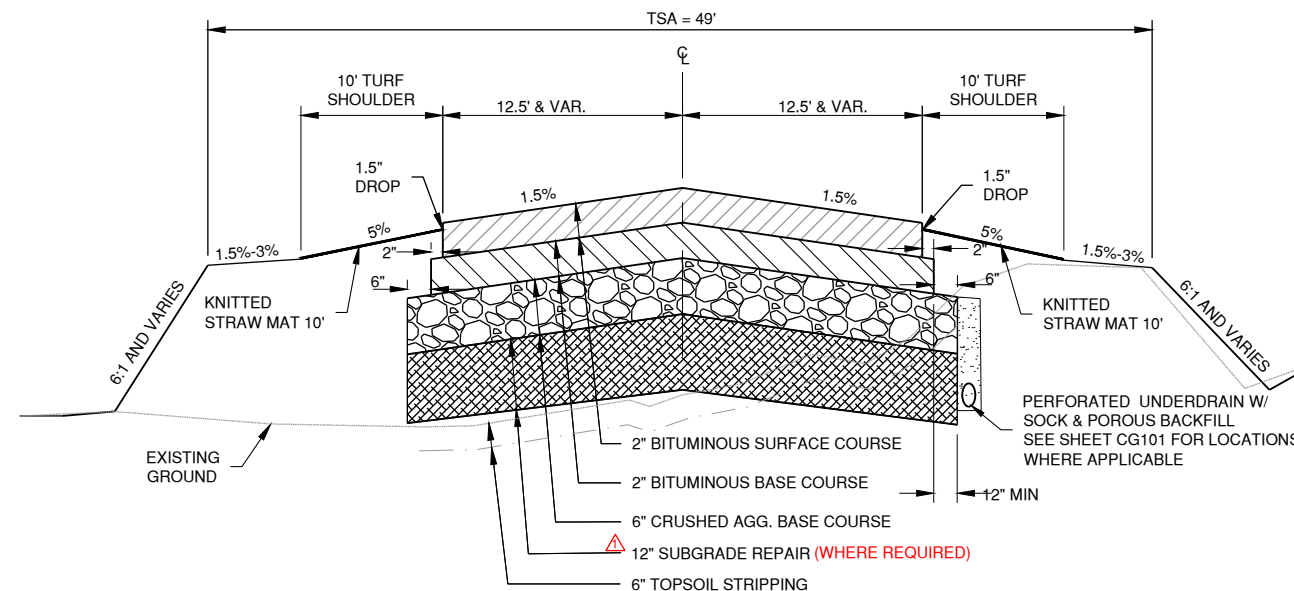
APPROVED BY: CBG

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SHEET TITLE

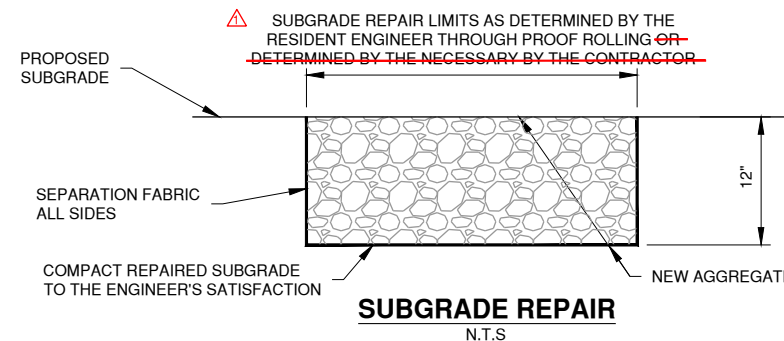
PROPOSED IMPROVEMENTS

CP101
SHEET **9** OF **25**



NOTES:
EDGE DRAINS ARE TO BE INSTALLED AFTER SUBGRADE REPAIR AND AGGREGATE BASE.

PROPOSED TAXIWAY TYPICAL SECTION
N.T.S.



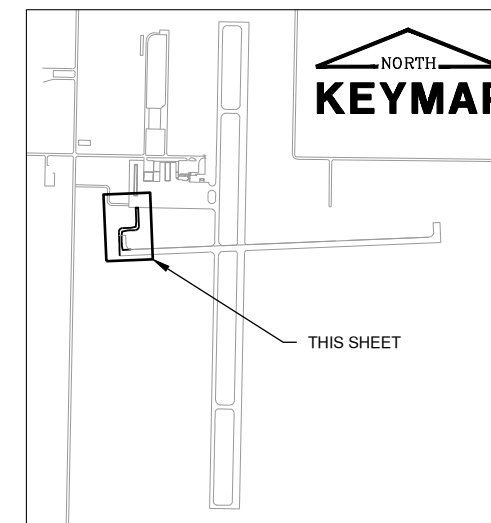
SUBGRADE REPAIR
N.T.S.

SUBGRADE REPAIR NOTES:

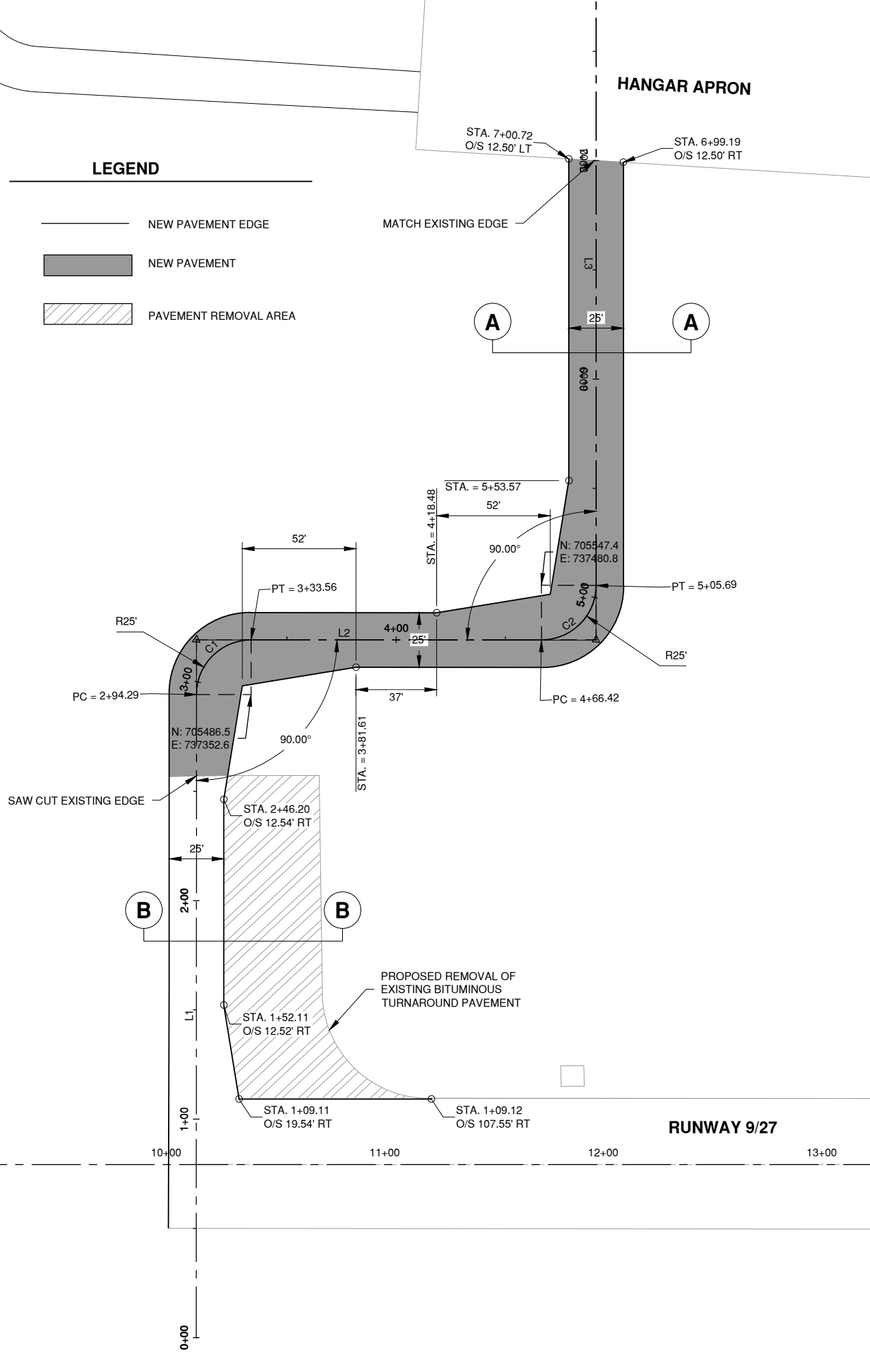
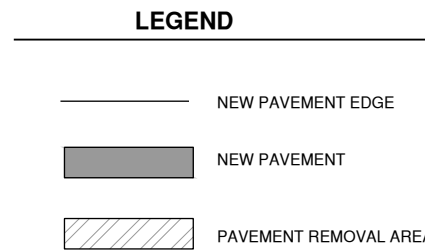
1. THE FOLLOWING SHALL BE THE STEPS TAKEN TO REPAIR THE SUBGRADE:
 - 1.1. REMOVE SOIL SUBGRADE TO A DEPTH OF 12" OR AS DIRECTED BY THE RESIDENT ENGINEER.
 - 1.2. COMPACT THE SUBGRADE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
 - 1.3. PLACE SEPARATION FABRIC ON TOP OF THE COMPACTED SUBGRADE AND UP THE SIDES OF THE EXCAVATION. CONSIDERED INCIDENTAL TO ITEM.
 - 1.4. PLACE AND CONSOLIDATE AGGREGATE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
2. AGGREGATE SHALL BE IDOT GRADATION CA-06, CA-07, OR OTHER ALTERNATE MATERIAL PROPOSED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
3. THE FOLLOWING SHALL BE INCIDENTAL TO THE SUBGRADE REPAIR PAY ITEM (AR152511):
 - 3.1. UNCLASSIFIED EXCAVATION
 - 3.2. SUBGRADE PREPARATION
 - 3.3. SEPARATION FABRIC
 - 3.4. AGGREGATE

ALIGNMENT DATA				
ALIGNMENT SEGMENT	ALIGNMENT	BEGIN STATION/ PI STATION	NORTHING/ EASTING	END STATION/ CURVE RADIUS
L1	Access Taxiway	STA. 0+00.00	N:705191.1876 E:737352.1405	STA. 2+94.29
C1	Access Taxiway	CENTER STA. 3+19.29	PI N:705509.3682 PI E:737325.5829	R = 25.000
L2	Access Taxiway	STA. 3+33.56	N:705511.4499 E:737350.4937	STA. 4+66.42
C2	Access Taxiway	CENTER STA. 4+91.42	PI N:705524.5959 PI E:737507.8076	R = 25.000
L3	Access Taxiway	STA. 5+05.69	N:705549.5124 E:737505.7217	STA. 8+00.00

SEE RUNWAY 9/27 ON SHEET CD100
N.T.S.



NORTH
KEYMAP





License No. 184-000613

CONSULTANTS



THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

CE036

JANUARY 11, 2019

CONSTRUCT ACCESS TAXIWAY TO RUNWAY 9

OWNER



CENTRALIA MUNICIPAL AIRPORT
CITY OF CENTRALIA, ILLINOIS
CENTRALIA, ILLINOIS

AJJ 2/28/19 ADDENDUM #1

MARK DATE DESCRIPTION

AIP PROJ. NO. 3-17-SBGP-144

IL PROJ. NO. ENL 4661

CMT PROJECT NO: 17072-02-00

CAD DWG FILE: 1707202-CG101.DWG

DESIGNED BY: AJJ

DRAWN BY: DPA

CHECKED BY: RLV

APPROVED BY: CBG

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SHEET TITLE

GRADING &
DRAINAGE PLAN

CG101
SHEET 12 OF 25

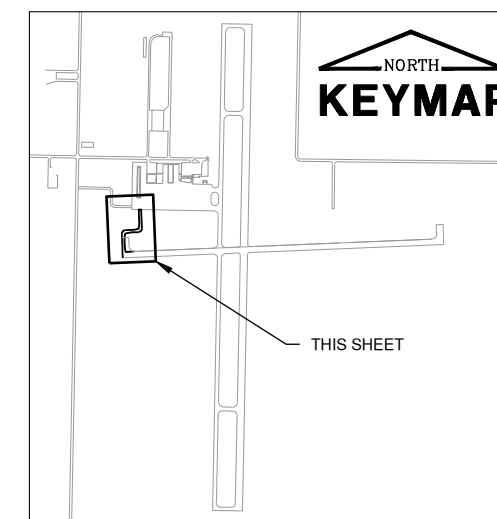
STRUCTURE TABLE											
STRUCT. NAME	TYPE	RIM ELEV.	(N) INVERT ELEV.	(S) INVERT ELEV.	(W) INVERT ELEV.	(E) INVERT ELEV.	STATION	OFFSET	LENGTH	SLOPE %	PAY ITEM
FES-1	8" METAL FES	-	-	-	516.00	-	6+89.15	25' LT	-	-	AR752208
FES-2	8" METAL FES	-	-	-	-	516.10	6+86.03	25' RT	-	-	AR752208
FES-3	8" METAL FES	-	-	-	516.00	-	6+93.15	25' LT	-	-	AR752208
FES-4	8" METAL FES	-	-	-	-	516.10	6+90.03	25' RT	-	-	AR752208
ST-PIPE 1	8" CMP	-	-	-	516.10	516.00	6+87.59	-	50'	0.20	AR701208
ST-PIPE 2	8" CMP	-	-	-	516.10	516.00	6+91.59	-	50'	0.20	AR701208
UD-1	UNDERDRAIN	-	TOP OF PIPE	-	EXISTING UD	-	RT EGDE	-	140'	0.40	AR705524

LEGEND

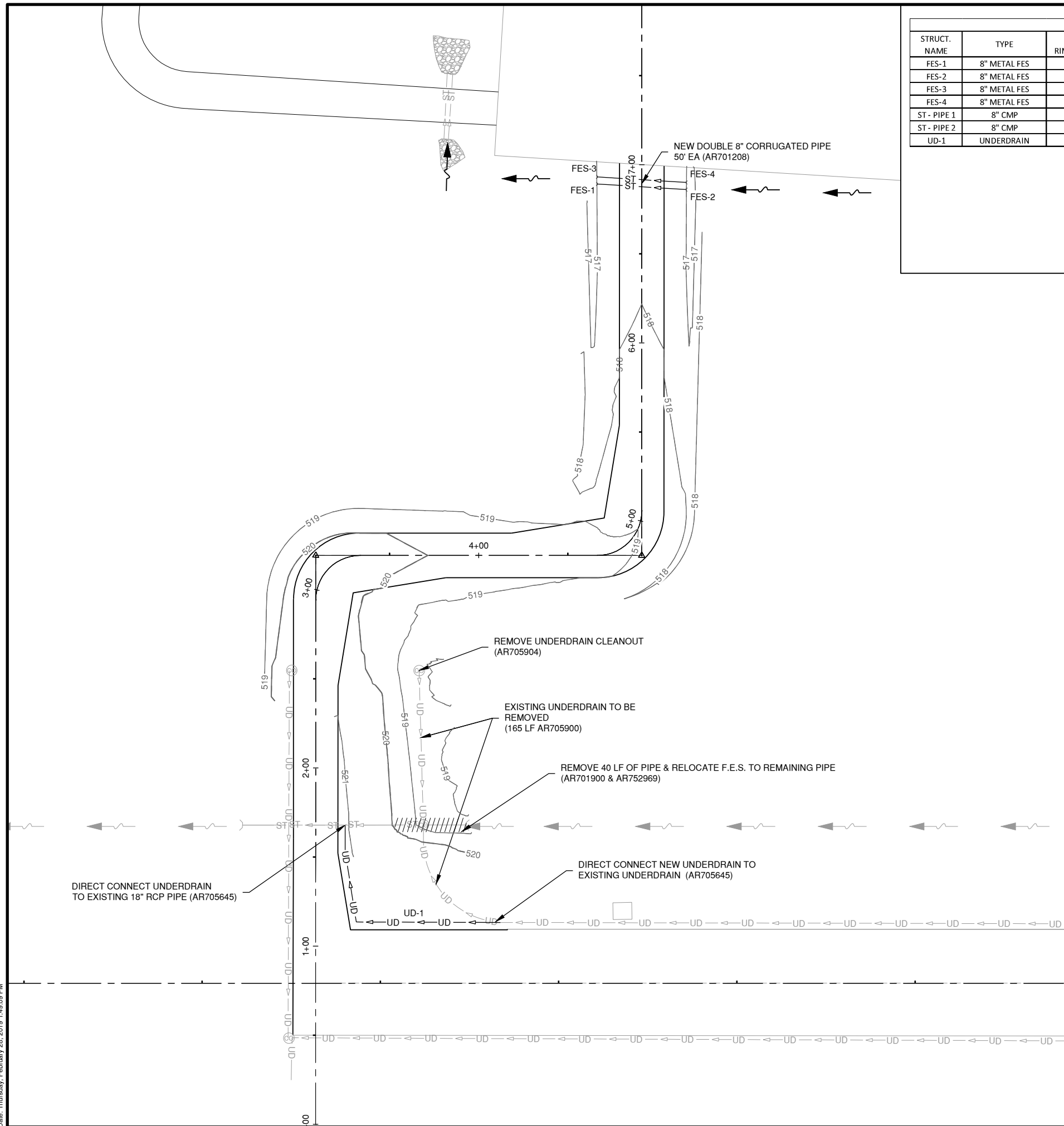
- UD → UD → PROPOSED UNDERDRAIN
- ST → ST → PROPOSED DOUBLE 8" CORRUGATED PIPE
- ⌋ PROPOSED REINFORCED CONC. FES 12"
- ST → ST → EXISTING STORM SEWER
- ⊙ EXISTING CLEAN OUT
- ⌋ EXISTING FLARED END SECTION
- ← EXISTING FLOW LINE
- PROPOSED TAXIWAY PAVEMENT
- ⌋/ST/⌋/ST/ STORM SEWER PIPE TO BE REMOVED
- ← PROPOSED FLOW LINE

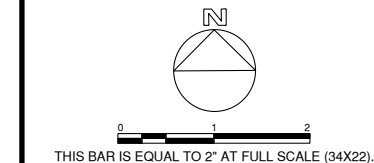
NOTES

1. UNDER DRAINS ARE TO BE INSTALLED AFTER ~~LIME MODIFICATION~~ SUBGRADE REPAIR (WHERE REQUIRED) AND PLACEMENT OF AGGREGATE BASE COURSE.



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CE036

JANUARY 11, 2019

CONSTRUCT ACCESS TAXIWAY TO RUNWAY 9

OWNER



CENTRALIA MUNICIPAL AIRPORT
CITY OF CENTRALIA, ILLINOIS
CENTRALIA, ILLINOIS

AJJ 2/28/19 ADDENDUM #1

MARK	DATE	DESCRIPTION

AIP PROJ. NO. 3-17-SBGP-144

IL PROJ. NO. ENL 4661

CMT PROJECT NO: 17072-02-00

CAD DWG FILE: 1707202-CG103.DWG

DESIGNED BY: AJJ

DRAWN BY: DPA

CHECKED BY: RLV

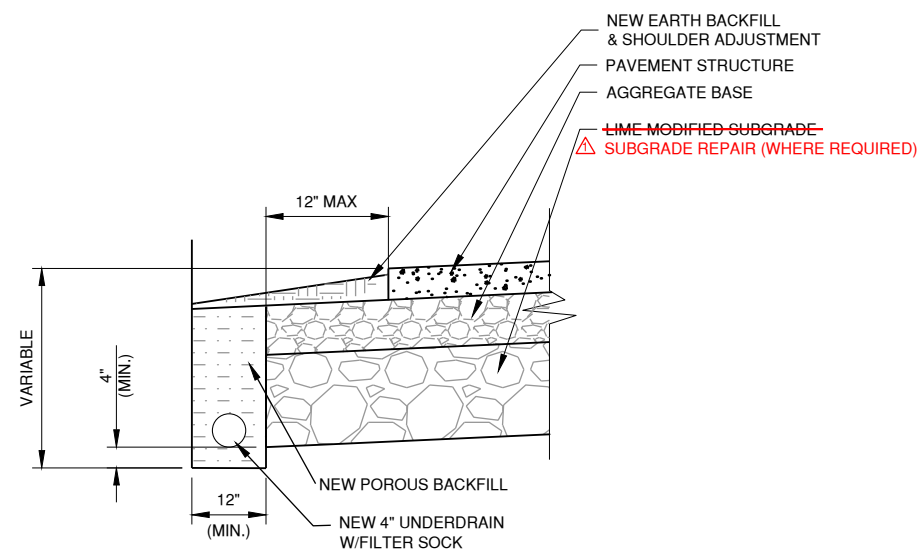
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SHEET TITLE

**UNDERDRAIN
DETAILS**

CG103
SHEET 14 OF 25



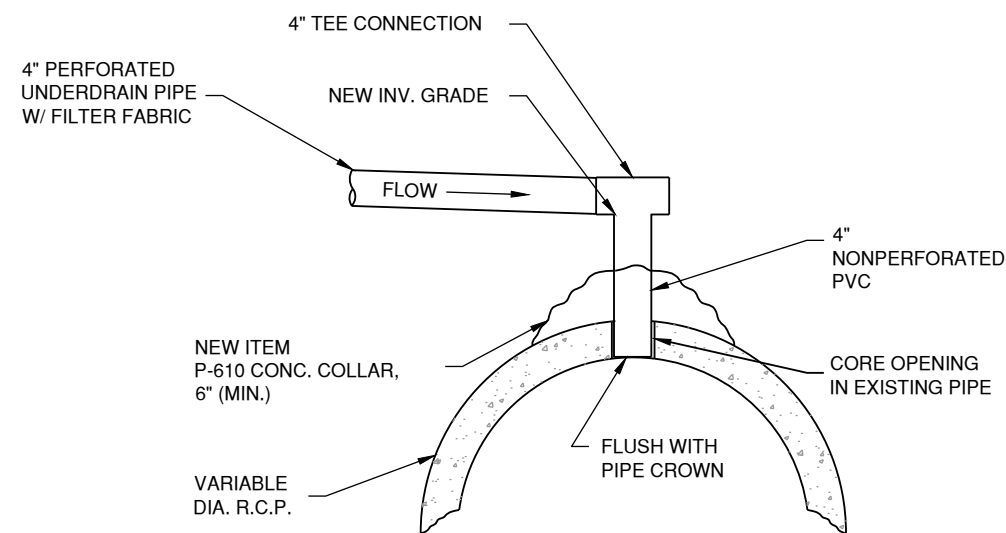
PAVEMENT EDGE

TYPICAL UNDERDRAIN DETAIL

N.T.S.

NOTE:

DURING UNDERDRAIN CONSTRUCTION, CARE SHALL BE TAKEN TO ENSURE GOOD DRAINAGE BETWEEN THE BASE AND THE POROUS BACKFILL MATERIAL WHICH WILL AFFECT DRAINAGE.



UNDERDRAIN DIRECT TOP CONNECTION DETAIL

N.T.S.

NOTE:

CONTRACTOR SHALL VERIFY THE GRADES OF THE EXISTING UNDERDRAINS. TYPICAL CONNECTION TO RCP IS SHOWN. CONTRACTOR MAY BE REQUIRED TO CORE INTO SIDE OF EXISTING PIPE.

ITEM 152511 – SUBGRADE REPAIR

DESCRIPTION

- 152-1.1 This item shall consist of repairing the existing subgrade to facilitate construction operations through the removal of twelve inches (12”) of existing unsuitable subgrade, installation of a separation fabric and placement of an aggregate base course in accordance with the details in the plans..
- 152-1.2 This item shall be used to remedy weak, soft or yielding soil as identified by proof rolling ~~(mandatory).~~

MATERIALS

- 152-2.1 **Aggregate.** Aggregate shall consist of crushed stone or crushed portland cement concrete. All materials shall be accepted for use by the Engineer prior to placement.
- a. Crushed Stone. Clean, sound, durable particles of crushed stone free from coatings of clay, silt, organic material, or other objectionable materials. Aggregates shall contain no clay lumps or balls.
 - b. Crushed PCC. Crushed portland cement concrete (PCC) or other concrete containing pozzolanic binder material. The recycled concrete material shall be free of reinforcing steel and expansion material. Asphalt concrete overlays shall be removed from the PCC surface prior to pavement removal and crushing. An incidental amount of recycled asphalt concrete pavement and other foreign material may be present in the crushed material.
 - c. Gradation Requirements. The gradation of the oversize aggregate shall be similar to the gradations given in the following table. The Contractor may propose alternate gradations for consideration and approval by the Engineer.

Gradation Requirements

Sieve designation (square openings) as per ASTM C136 and ASTM D422	Percent Passing	
	IDOT CA 6	IDOT CA 7
3 inch		
2 ½ inch		
2 inch		
1 ½ inch	100	100
1 inch	90-100	90-100
½ inch	60-90	30-60
No. 4	30-56	0-10
No. 10	10-40	
No. 16		
No. 40		
No. 200	4-12	