



SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150520	MOBILIZATION	L.S.	1	
AR150540	HAUL ROUTE	L.S.	1	
AR152480	SHOULDER ADJUSTMENT	S.Y.	239	
AR152540	SOIL STABILIZATION FABRIC	S.Y.	3,744	
AR209604	CRUSHED AGG. BASE COURSE - 4"	S.Y.	3,744	
AR401613	BIT, SURF. CSE.-METHOD I, SUPERPAVE	TON	70	
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	520	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	3,727	
AR501506	6" PCC PAVEMENT	S.Y.	3,672	
AR603510	BITUMINOUS TACK COAT	GAL.	86	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	3,706	
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	7,016	
AR620530	PAVEMENT MARKING-EPOXY	S.F.	562	
AR620900	PAVEMENT MARKING REMOVAL	S.F.	11,662	
AR705506	6" PERFORATED UNDERDRAIN	L.F.	634	
AR705630	UNDERDRAIN INSPECTION HOLE	EA.	3	
AR904510	SODDING	S.Y.	239	

CERTIFIED PAYROLLS

THE RESIDENT ENGINEER CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

MATERIAL CERTIFICATION

MATERIAL TO BE INCORPORATED INTO THE PROJECT CANNOT BE USED WITHOUT PRIOR APPROVAL. ALL MATERIAL TO BE USED IN THE PROJECT MUST BE SUBMITTED TO THE RESIDENT ENGINEER FOR APPROVAL. USE OF MATERIAL WITHOUT PRIOR APPROVAL AND ULTIMATELY DETERMINED TO BE UNACCEPTABLE BY THE ILLINOIS DIVISION OF AERONAUTICAL ARE SUBJECT TO REMOVAL AND/OR NON-PAYMENT.

INDEX TO SHEETS

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	SHEET INDEX AND SUMMARY OF QUANTITIES
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6	PROPOSED PAVEMENT REMOVAL PLAN
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8	PROPOSED STAKING PLAN
9	PROPOSED JOINTING PLAN
10	PROPOSED JOINTING DETAILS AND NOTES
11	PROPOSED APRON & TIE DOWN MARKING PLAN
12	APRON CROSS-SECTIONS STA. 156+54.5 TO STA. 156+64.5
13	APRON CROSS-SECTIONS STA. 156+75 TO STA. 157+00
14	APRON CROSS-SECTIONS STA. 157+25 TO STA. 157+50
15	APRON CROSS-SECTIONS STA. 157+75 TO STA. 158+00
16	APRON CROSS-SECTIONS STA. 158+12.5 TO STA. 158+22.5
17	PROPOSED MARKING REMOVAL STA. 125+00 TO STA. 136+00
18	PROPOSED MARKING REMOVAL STA. 136+00 TO STA. 147+00
19	PROPOSED MARKING REMOVAL STA. 147+00 TO STA. 158+00
20	PROPOSED MARKING REMOVAL STA.158+00 TO STA. 166+00
21	PROPOSED MARKING PLAN STA. 125+00 TO STA. 136+00
22	PROPOSED MARKING PLAN STA. 136+00 TO STA. 147+00
23	PROPOSED MARKING PLAN STA. 147+00 TO STA. 158+00
24	PROPOSED MARKING PLAN STA. 158+00 TO STA. 166+00

RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

IDA No: DEC-4231

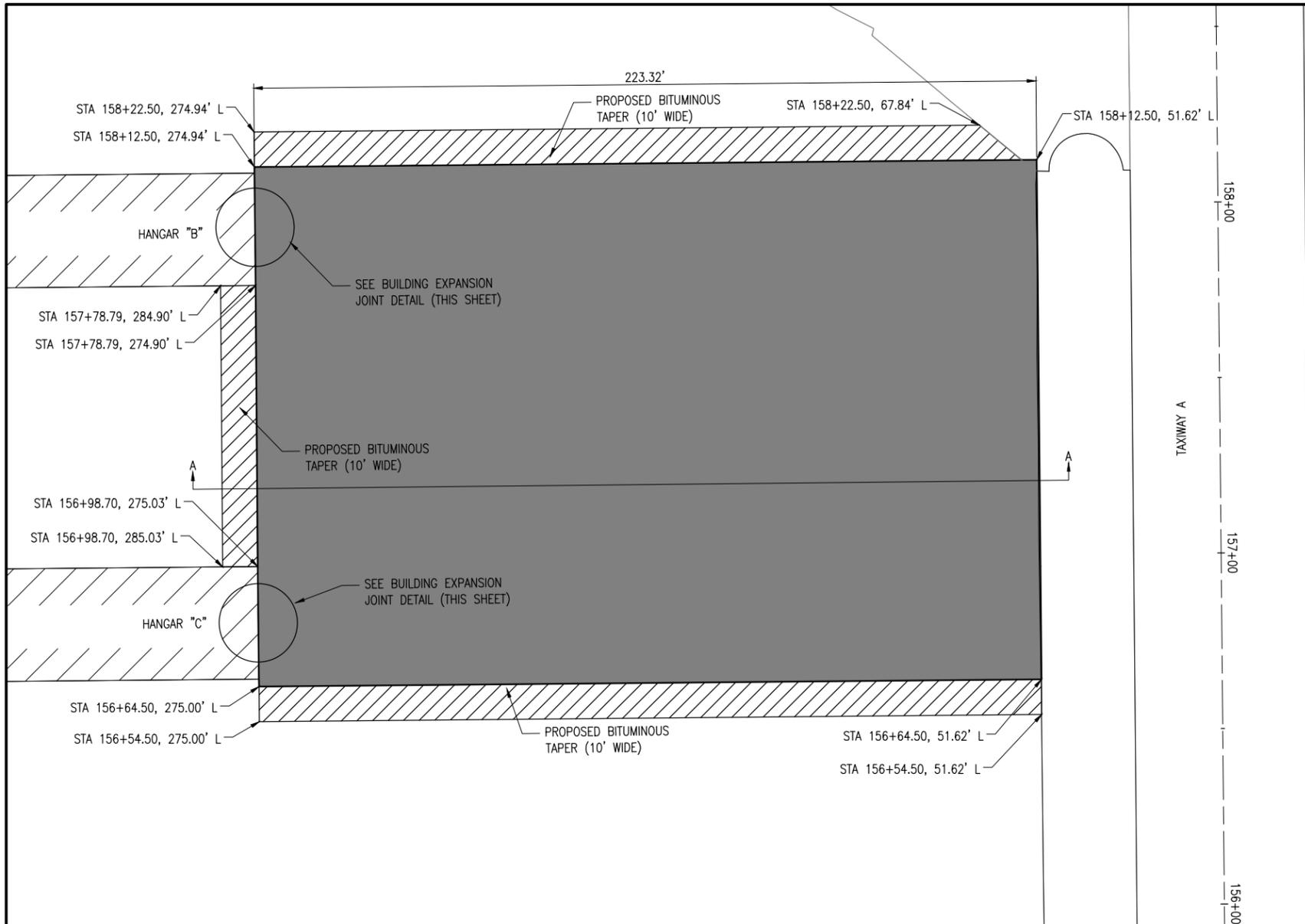
Contract No. DE077

NO.	DATE	DESCRIPTION		
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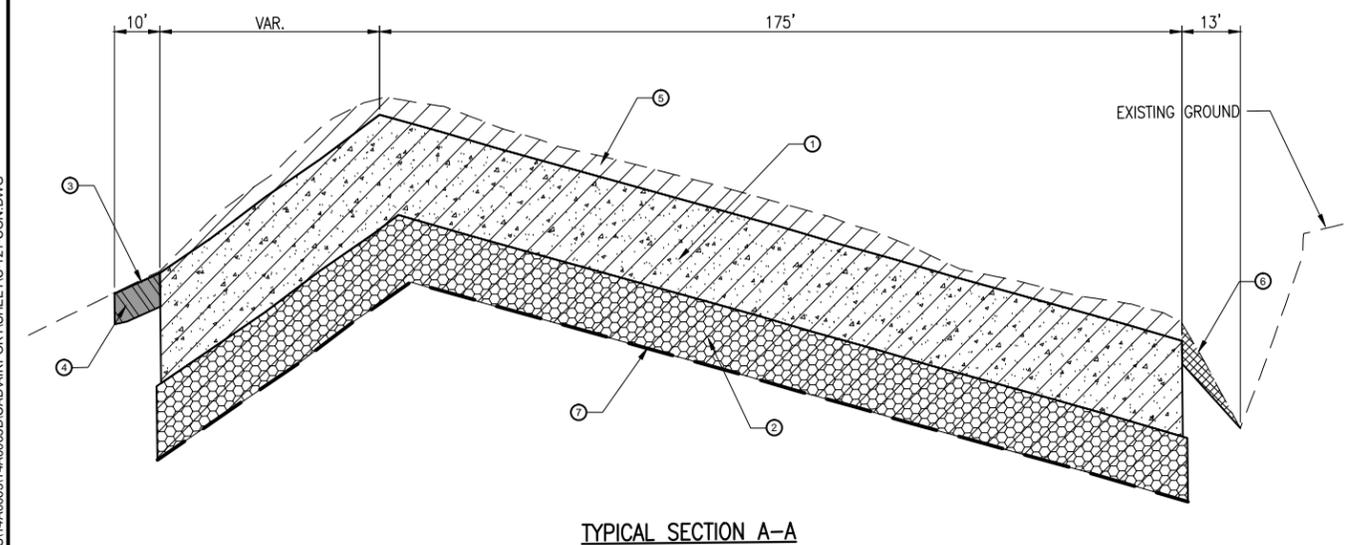
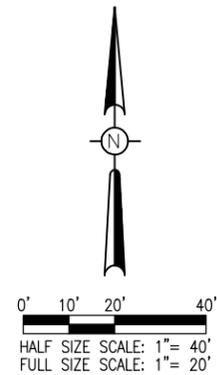
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PROJECT NO: 14A0063
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DESIGN BY: CAH 11/11/14
DRAWN BY: CAH 01/13/16
REVIEWED BY: BSS 12/16/15

SHEET TITLE

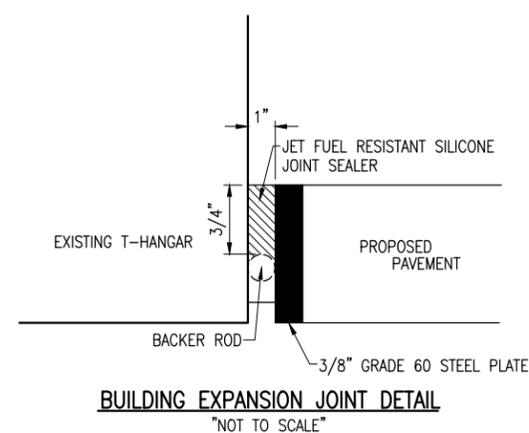
SHEET INDEX AND SUMMARY OF QUANTITIES



- LEGEND**
- EXISTING IMPROVEMENTS
 - EXISTING BITUMINOUS PAVEMENT TO BE REMOVED AND REPLACED WITH CONCRETE PAVEMENT
 - PROPOSED BITUMINOUS TAPER (10' IN WIDTH)
 - EXISTING HANGAR



- TYPICAL SECTION LEGEND**
- ① PROPOSED 501 P.C. CONCRETE (6" DEPTH)
 - ② PROPOSED 209 CRUSHED AGGREGATE BASE COURSE (4" DEPTH)
 - ③ PROPOSED 401 BITUMINOUS PAVEMENT (VAR. DEPTH)
 - ④ PROPOSED BITUMINOUS PAVEMENT MILLING (2" DEPTH)
 - ⑤ PROPOSED PAVEMENT REMOVAL
 - ⑥ PROPOSED SHOULDER ADJUSTMENT
 - ⑦ PROPOSED SOIL STABILIZATION FABRIC



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SHEET TITLE

PROPOSED CONSTRUCTION PLAN

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THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER 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 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 OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. **CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123.** CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

REMOVE BITUMINOUS PAVEMENT

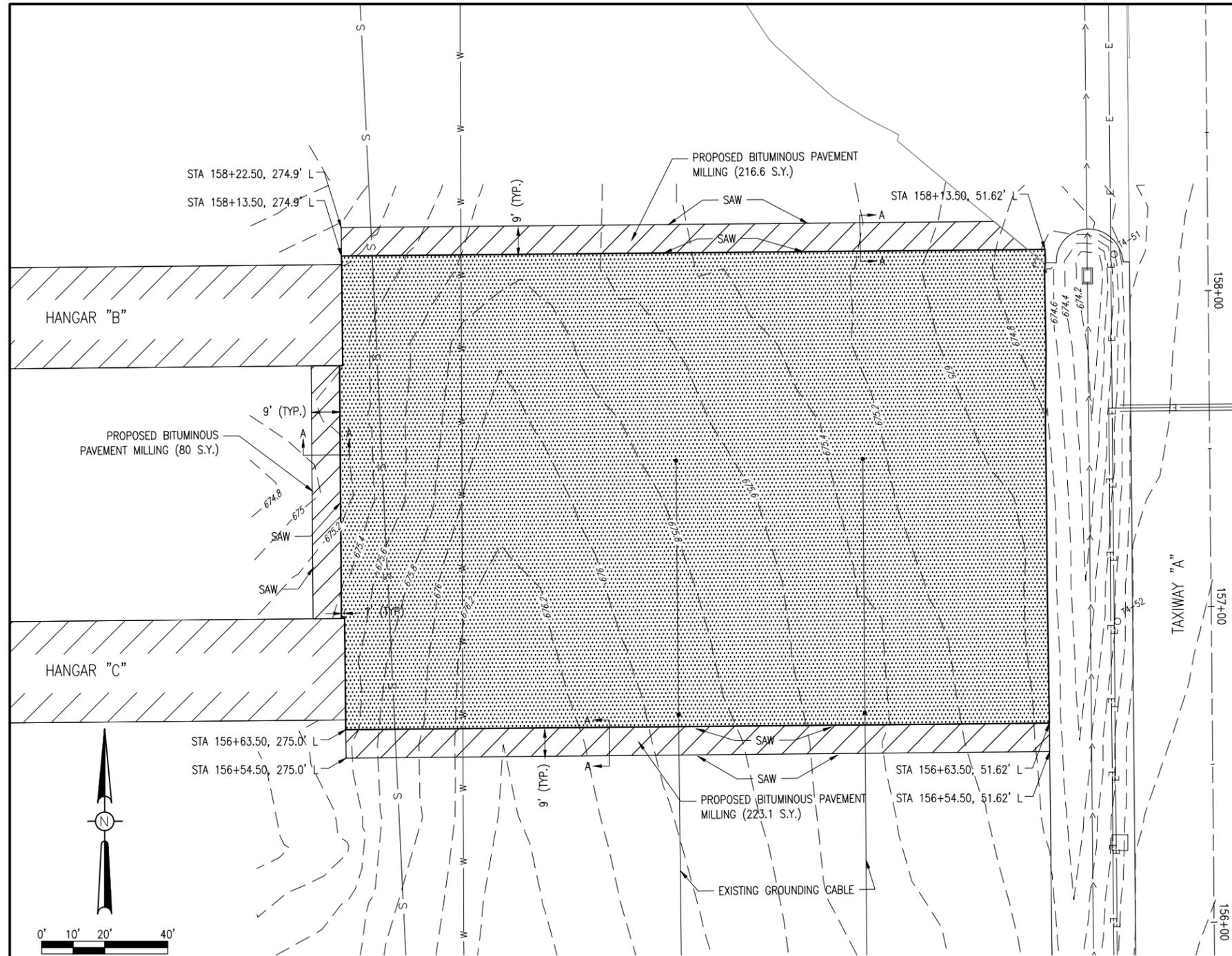
1. THE AREA(S) DESIGNATED AS [stippled pattern] ON THIS SHEET SHALL HAVE THE EXISTING PAVEMENT AND UNDERLYING AGGREGATE SUBBASE/SUBGRADE REMOVED TO THE PROPOSED SUBGRADE ELEVATION OF THE PROPOSED PAVEMENT. PAVEMENT CORES INDICATE THE EXISTING PAVEMENT SECTION CONSISTS OF APPROXIMATELY 7"-8" OF BITUMINOUS WITH SOME AGGREGATE SUBBASE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED AS A RESULT OF ANY VARIATIONS FOUND IN EXISTING PAVEMENT THICKNESS DURING REMOVAL. ALL REMOVED MATERIAL WILL BE DISPOSED OF OFF THE AIRPORT SITE.
2. THE PROPOSED REMOVAL AREA HAS BEEN INCREASED ONE FOOT ON THE NORTH, WEST AND SOUTH SIDES TO ALLOW THE CONTRACTOR TO INSTALL FORMS WHEN PLACING THE PROPOSED CONCRETE PAVEMENT.
3. WHERE THE PROPOSED REMOVAL AREA ABUTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED AS SHOWN ON THIS SHEET. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. ANY ADJACENT PAVEMENT DAMAGED BY THE PAVEMENT REMOVAL OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.
5. THE CONTRACTOR WILL PROTECT THE EXISTING T-HANGAR BUILDINGS AND CONCRETE FOUNDATIONS FROM ANY DAMAGE DURING THE REMOVAL OF THE EXISTING BITUMINOUS PAVEMENT. ANY DAMAGE WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
6. THIS ITEM OF WORK SHALL BE PAID FOR UNDER ITEM:
AR401900 "REMOVE BITUMINOUS PAVEMENT" - PER S.Y.

PAVEMENT MILLING NOTES:

1. THE AREAS DESIGNATED AS [diagonal hatching] ON THIS SHEET WILL BE CUT OR TRIMMED AS SHOWN DETAILED ON THIS SHEET. THE CUTTING OR TRIMMING WILL BE DONE BY ROTO-MILLING. THE TOLERANCE OF THE MILLING WILL BE AS STATED IN THE STANDARD SPECIFICATIONS.
2. ALL MILLED MATERIAL WILL BE DISPOSED OFF OF THE AIRPORT SITE.
3. PRIOR TO APPLYING THE BITUMINOUS OVERLAY ALL MILLED AREAS WILL BE BROOMED AND BLOWN CLEAN AND A BITUMINOUS TACK COAT APPLIED. THE VERTICAL FACE OF ALL SAW CUTS WILL BE PAINED WITH LIQUID ASPHALT.
4. ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.
5. ALL PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.
6. THE PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM: AR401650 "BITUMINOUS PAVEMENT MILLING" - PER S.Y.

PAVEMENT SAWING NOTES

1. WHERE THE PROPOSED BITUMINOUS PAVEMENT MILLING ABUTS THE EXISTING BITUMINOUS PAVEMENT, THE PAVEMENT WILL BE SAWED (2" DEPTH).
2. THE PROPOSED SAWING WILL PROVIDE A STRAIGHT EDGE AND VERTICAL FACE TO BUTT AGAINST.
3. THE RESIDENT ENGINEER WILL MARK THE PROPOSED SAW LINE IN THE FIELD.
4. ANY BITUMINOUS PAVEMENT CUT FROM THE SAWING OPERATIONS WILL BE COLLECTED AND DISPOSED OF OFF THE AIRPORT SITE.
5. THE SAWING AND DISPOSAL OF ANY WASTE MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

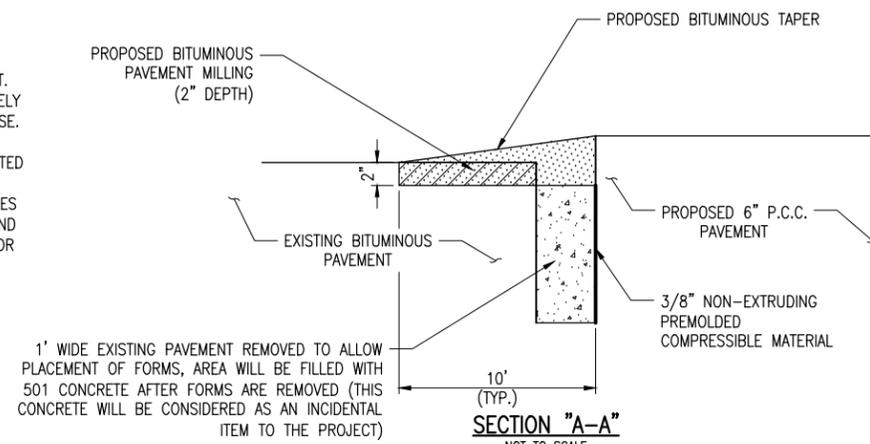


UTILITY NOTES

1. THERE ARE SEVERAL UTILITIES (WATER AND SEWER) THAT RUN THROUGH THE PROPOSED CONSTRUCTION SITE THAT THE CONTRACTOR WILL HAVE TO PROTECT. ANY DAMAGE TO THESE UTILITIES WILL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
2. THERE ARE TWO COOPER GROUNDING CABLES LOCATED WITHIN THE PROPOSED CONSTRUCTION AREA. THE CONTRACTOR WILL REMOVE THESE GROUNDING CABLES AS PART OF THE PROPOSED PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THEIR REMOVAL AND DISPOSAL.

LEGEND

- [Stippled pattern] EXISTING IMPROVEMENTS
- [Diagonal hatching] PROPOSED PAVEMENT REMOVAL
- [Diagonal hatching] PROPOSED BITUMINOUS PAVEMENT MILLING
- [Diagonal hatching] EXISTING HANGAR
- S- EXISTING SANITARY SEWER LINE
- W- EXISTING WATER LINE
- >- EXISTING STORM SEWER PIPE
- [Square symbol] EXISTING INLET
- O11-00 EXISTING TAXIWAY LIGHT
- E- EXISTING ELECTRICAL CABLE



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IDA No: DEC-4231

Contract No. DE077

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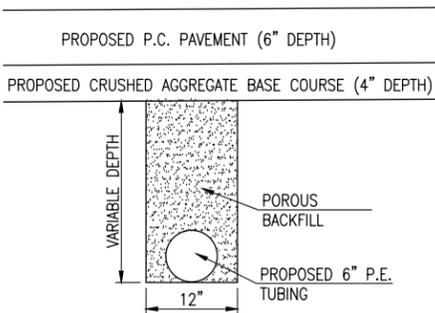
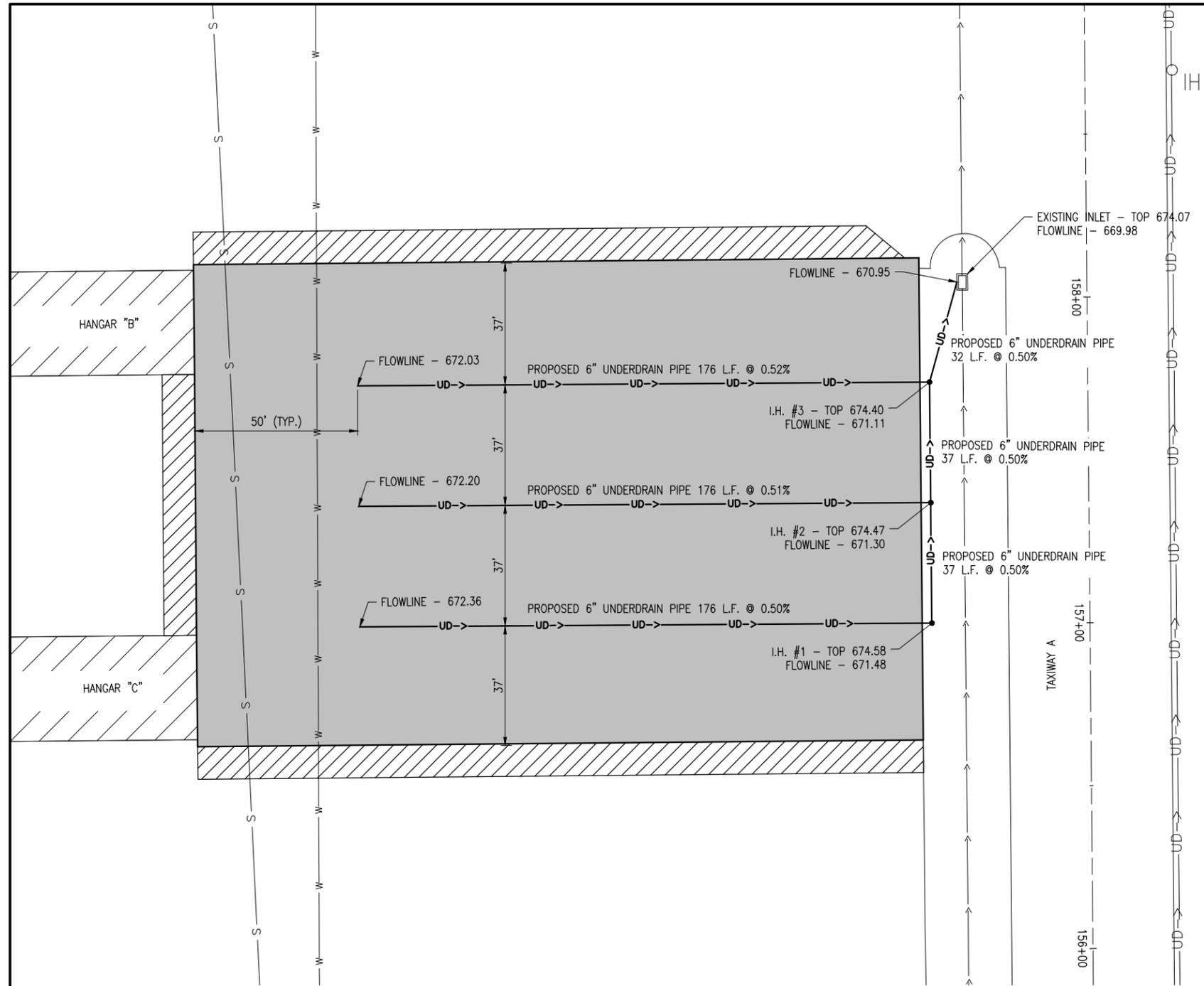
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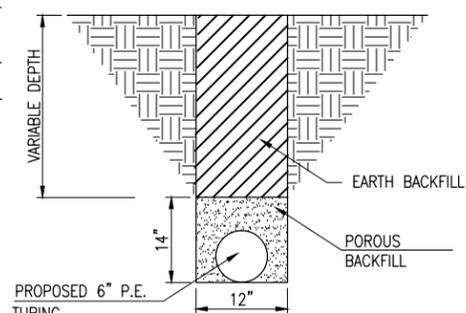
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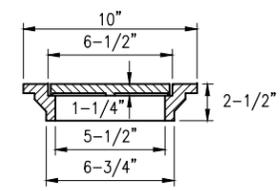
PROPOSED PAVEMENT REMOVAL PLAN



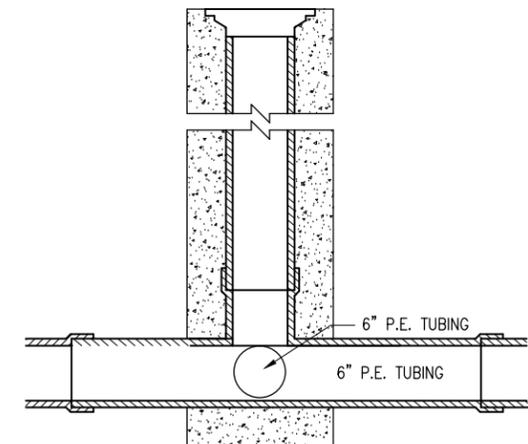
NOTE: NO SAND BEDDING REQUIRED FOR PERFORATED PIPE
UNDERDRAIN TO BE INSTALLED UNDER THE PROPOSED PAVEMENT
"NOT TO SCALE"



UNDERDRAIN TO BE INSTALLED IN TURF AREAS
"NOT TO SCALE"



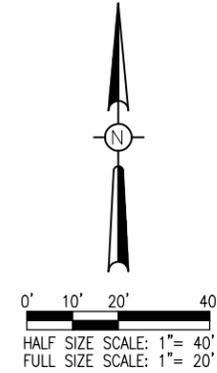
CAST IRON FRAME AND COVER
NEENAH R-6013, DEETER 1810,
EAST JORDAN 2790-6 OR
APPROVED EQUAL



INSPECTION HOLE-TYPE A

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED 6" P. C. PAVEMENT
- PROPOSED BITUMINOUS PAVEMENT
- EXISTING HANGAR
- PROPOSED UNDERDRAIN PIPE
- PROPOSED UNDERDRAIN INSPECTION HOLE
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING STORM SEWER PIPE
- EXISTING INLET



UNDERDRAIN QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR705506	6" PERFORATED UNDERDRAIN	LF	634
AR705630	UNDERDRAIN INSPECTION HOLE	EA	3

UNDERDRAIN STRUCTURE SCHEDULE				
STRUCTURE NO.	STATION / OFFSET	TYPE	TOP ELEV.	FL. ELEV.
IH#1	STA. 157+01 @ 48.62' LT.	A	674.58	671.48
IH#2	STA. 157+38 @ 48.62' LT.	A	674.47	671.30
IH#3	STA. 157+75 @ 48.62' LT.	A	674.40	671.11

INSPECTION HOLE NOTES

1. DIAMETER OF PIPE AS SPECIFIED.
2. TOP OF INSPECTION HOLES SHALL BE 1" ABOVE FINISH GROUND LINE AT LOCATION SHOWN ON PLANS.
3. 1/2" CHAMFER TO BE USED ON ALL EXPOSED EDGES OF INSPECTION HOLES.
4. THE CONCRETE SHALL BE STRUCTURAL PORTLAND CEMENT CONCRETE (NON-REINFORCED)
5. I.H. #1 TO BE PLUGGED ON SOUTH END FOR FUTURE EXPANSION.

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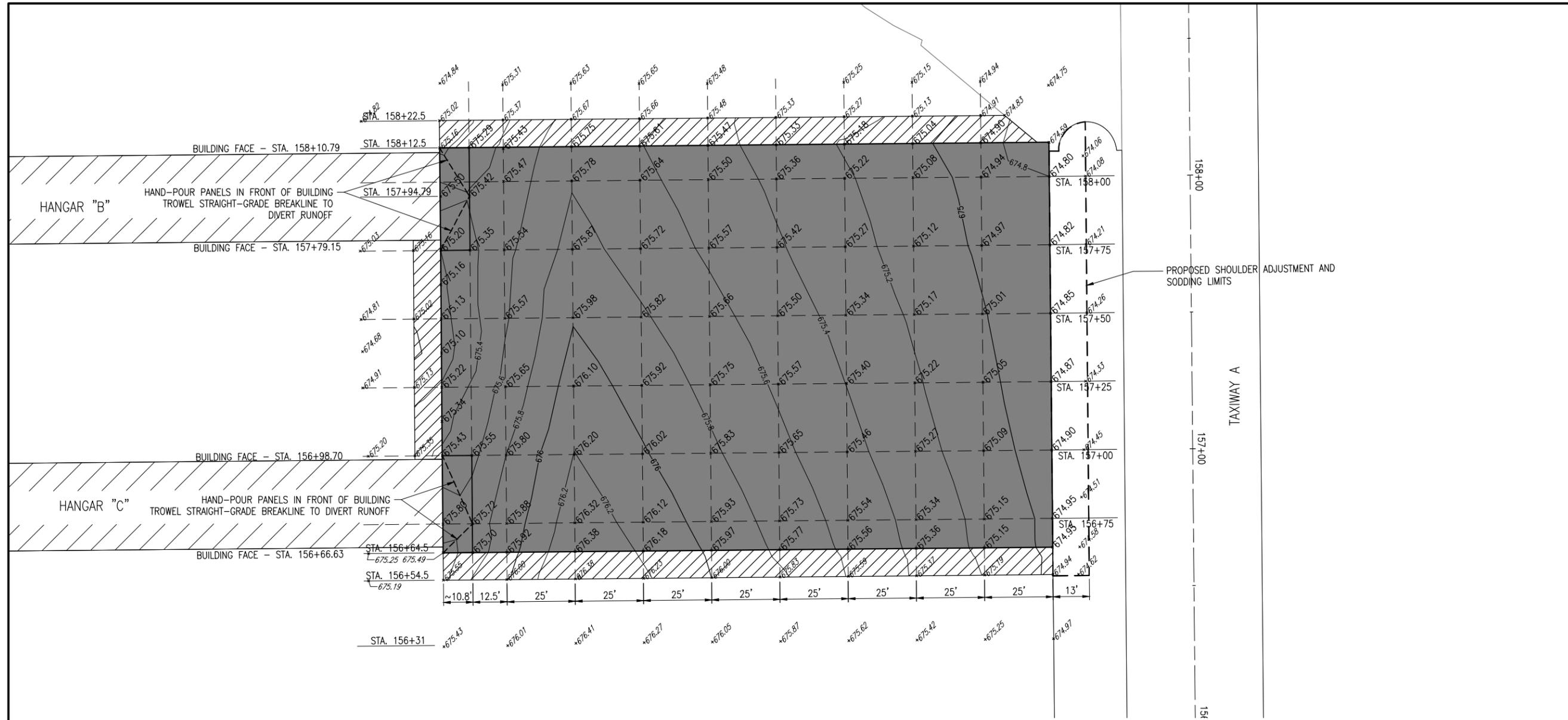
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SHEET TITLE

PROPOSED UNDERDRAIN PLAN



SODDING NOTES:

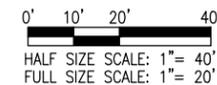
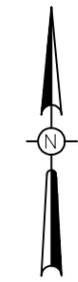
1. THE PROPOSED SHOULDER AREA WILL BE LIMED, FERTILIZED AND SODDED IN ACCORDANCE WITH ITEM 904510.
2. ALL AREAS WHICH ARE DISTURBED BY THE CONTRACTOR, OUTSIDE OF THE PROPOSED SHOULDER LIMITS, WILL BE LIMED, FERTILIZED AND SODDED IN ACCORDANCE WITH THE REQUIREMENTS OF ITEM 904510 AT NO ADDITIONAL COST TO THE CONTRACT.
3. THE PROPOSED LIMING, FERTILIZING AND SODDING USED FOR THE PROPOSED SHOULDER AREA WILL BE PAID FOR UNDER ITEM AR904510 "SODDING".

SHOULDER ADJUSTMENT

1. AFTER THE PROPOSED PCC AND BITUMINOUS PAVEMENT HAVE BEEN PLACED, THE CONTRACTOR WILL ADJUST THE DESIGNATED SHOULDER AREA IN ACCORDANCE WITH THE CROSS-SECTIONS. IF REQUIRED THE CONTRACTOR WILL ADD TOPSOIL MATERIAL TO THE DESIGNATED SHOULDER AREA TO PROVIDE A SMOOTH THE GRADE AND ADEQUATE DRAINAGE. THE CONTRACTOR WILL LIME, FERTILIZE, AND SOD THE DISTURBED AREA. THE TILLING OF THE EXISTING SOD AREA, ADDITIONAL TOPSOIL MATERIAL, LIGHT GRADING, AND LIGHT COMPACTING WILL BE CONSIDERED AS AN INTRICATE PART OF THE PROPOSED SHOULDER ADJUSTMENT, AND WILL NOT BE PAID FOR SEPARATELY.
2. THE MATERIAL FOR THE PROPOSED EARTH SHOULDERS WILL BE PAID FOR UNDER:
ITEM AR152480 "SHOULDER ADJUSTMENT" _____ PER S.Y.

LEGEND

- EXISTING BITUMINOUS PAVEMENT TO BE REMOVED AND REPLACED WITH CONCRETE PAVEMENT
- PROPOSED BITUMINOUS TAPER (10' IN WIDTH)
- EXISTING HANGAR
- EXISTING GRADE
- PROPOSED GRADE
- PROPOSED SHOULDER ADJUSTMENT AND SODDING LIMITS



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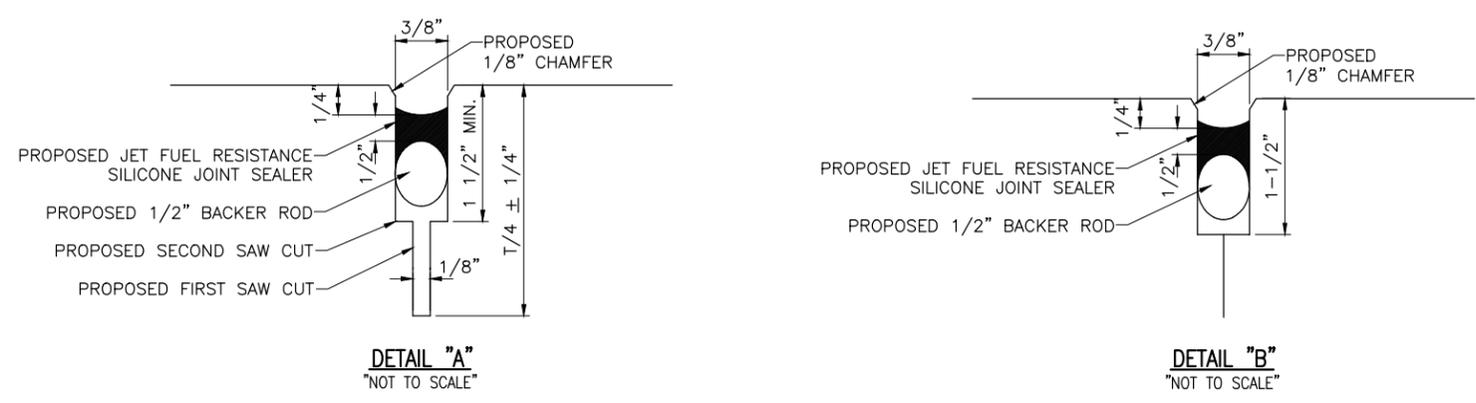
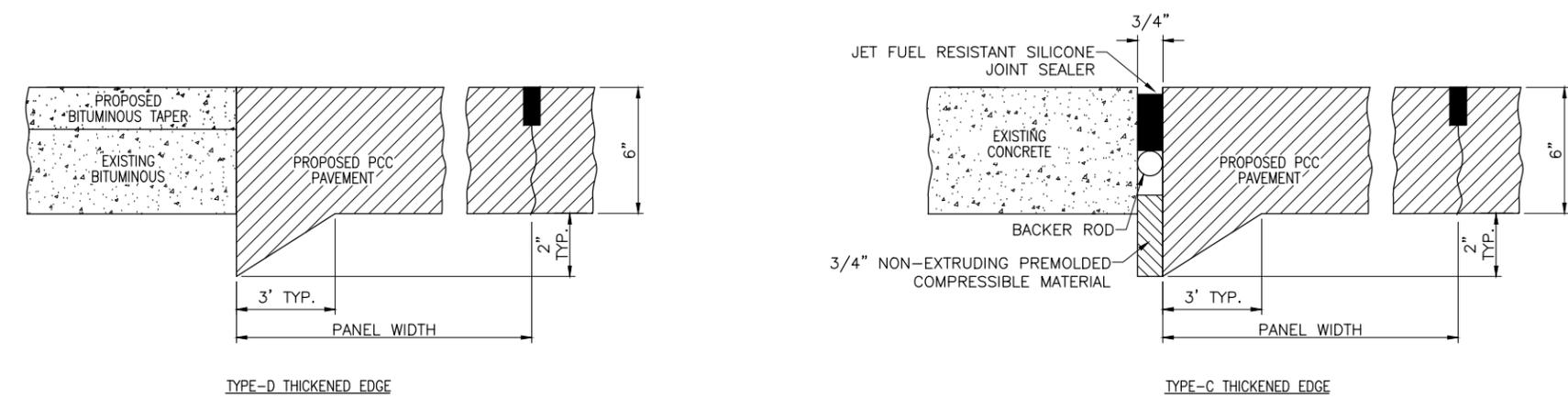
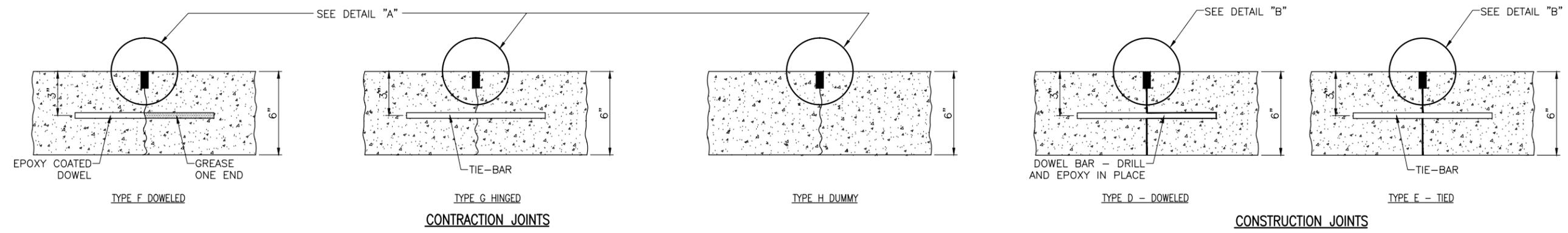
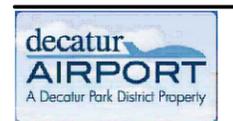
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SHEET TITLE

PROPOSED STAKING PLAN



JOINTING NOTES

- ALL EXPOSED JOINT EDGES SHALL BE EDGED WITH AN APPROVED TOOL HAVING A RADIUS OF 1/4" OR STONED TO PRODUCE THE 1/8" CHAMFER.
- ALL LONGITUDINAL AND TRANSVERSE CONTRACTION AND CONSTRUCTION JOINTS SHALL BE SAWED.
- CERTIFICATION FOR ALL REINFORCING STEEL, DOWELS AND REBAR SHALL BE PROVIDED **BEFORE** PAVING BEGINS WITH **NO EXCEPTION**.
- ALL DOWEL BARS SHALL BE SECURELY HELD IN PLACE BY MEANS OF A DOWEL BAR ASSEMBLY WHICH WILL INSURE THAT THEY WILL REMAIN PARALLEL TO THE SURFACE OF THE PAVEMENT AND TO THE CENTERLINES OF THE PAVEMENT LANES. THE DOWEL BAR ASSEMBLIES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. DOWELS FOR THE 6" PAVEMENT SHALL BE 3/4" DIA., 18" LENGTH AND 12" SPACING.
- ALL TIE-BARS SHALL BE SECURELY HELD IN PLACE BY SUPPORT PINS OR OTHER METHODS TO PREVENT SHIFTING DURING AND AFTER CONCRETE PLACEMENT. SUPPORT PINS SHALL BE OF SUFFICIENT LENGTH TO PENETRATE AT LEAST 6" INTO THE SUBGRADE.
- ALL TIE-BARS SHALL BE PLACED AT A POINT NOT EXCEEDING 15" OR CLOSER THAN 6" FROM A TRANSVERSE, CONTRACTION, EXPANSION, OR CONSTRUCTION JOINT AND SPACED 36" ON CENTERS AND SHALL BE **NO. 4 DEFORMED BARS, 20" IN LENGTH.**
- DOWELS IN TRANSVERSE, CONTRACTION, AND CONSTRUCTION JOINTS SHALL BE EPOXY COATED AND HALF THE LENGTH GREASED WITH A HEAVY GREASE.
- ALLOWABLE TOLERANCES FOR GROOVE DEPTH WILL BE +1/8" FOR CONSTRUCTION JOINTS AND +1/4" FOR CONTRACTION JOINTS.
- DOWELS LOCATED IN THE CONSTRUCTION JOINTS WILL BE DRILLED AND EPOXIED IN PLACE. THE EPOXY MATERIAL MUST BE APPROVED BY THE ILLINOIS DIVISION OF AERONAUTICS
- THE COST OF ALL DOWEL BARS, TIE-BARS, SAWING AND SEALING SHALL BE INCLUDED IN THE COST OF THE P.C.C. PAVEMENT.
- PRIOR TO PLACING ADJACENT PAVEMENT SECTIONS, THE VERTICAL EDGE SHALL BE CHECKED FOR TRUENESS IF THE FACE IS BURRED OR IRREGULAR, THE CONTRACTOR SHALL GRIND, STONE OR SAW THE FACE A MINIMUM OF 2" IN DEPTH TO PRODUCE A SMOOTH AND STRAIGHT EDGE.
- WHEN CONSTRUCTING "FILL-IN" PAVEMENT LANES THE CONTRACTOR SHALL USE BELTING OR OTHER PROTECTIVE MATERIAL FOR THE PAVING MACHINE TO TRAVEL ON AND WILL ROPE THE TRANSVERSE JOINTS.
- JOINT SEALANT SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS ITEM 501-2.5.
- CURING COMPOUND WILL BE AS SPECIFIED IN THE SPECIFICATIONS, ITEM 501-3.17 AND SHALL BE APPROVED PRIOR TO THE PAVING OPERATION BY THE ENGINEER.
- ALL NON-ALIGNED EDGES WILL BE SAWED FULL DEPTH.

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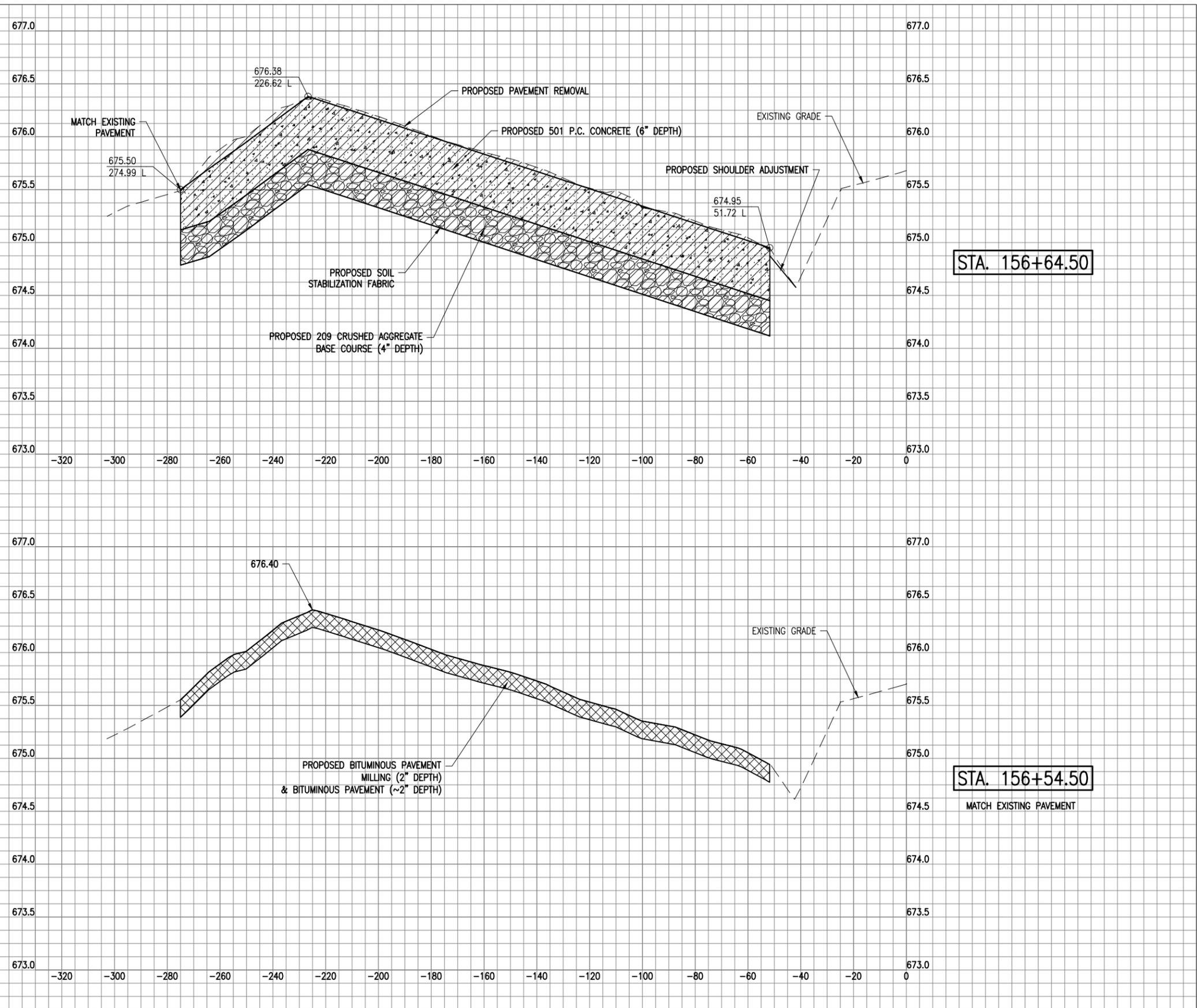
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PROPOSED JOINTING DETAILS AND NOTES



Decatur Park District
Decatur Airport
910 South Airport Road
Decatur, IL 62521



STA. 156+64.50

STA. 156+54.50

MATCH EXISTING PAVEMENT

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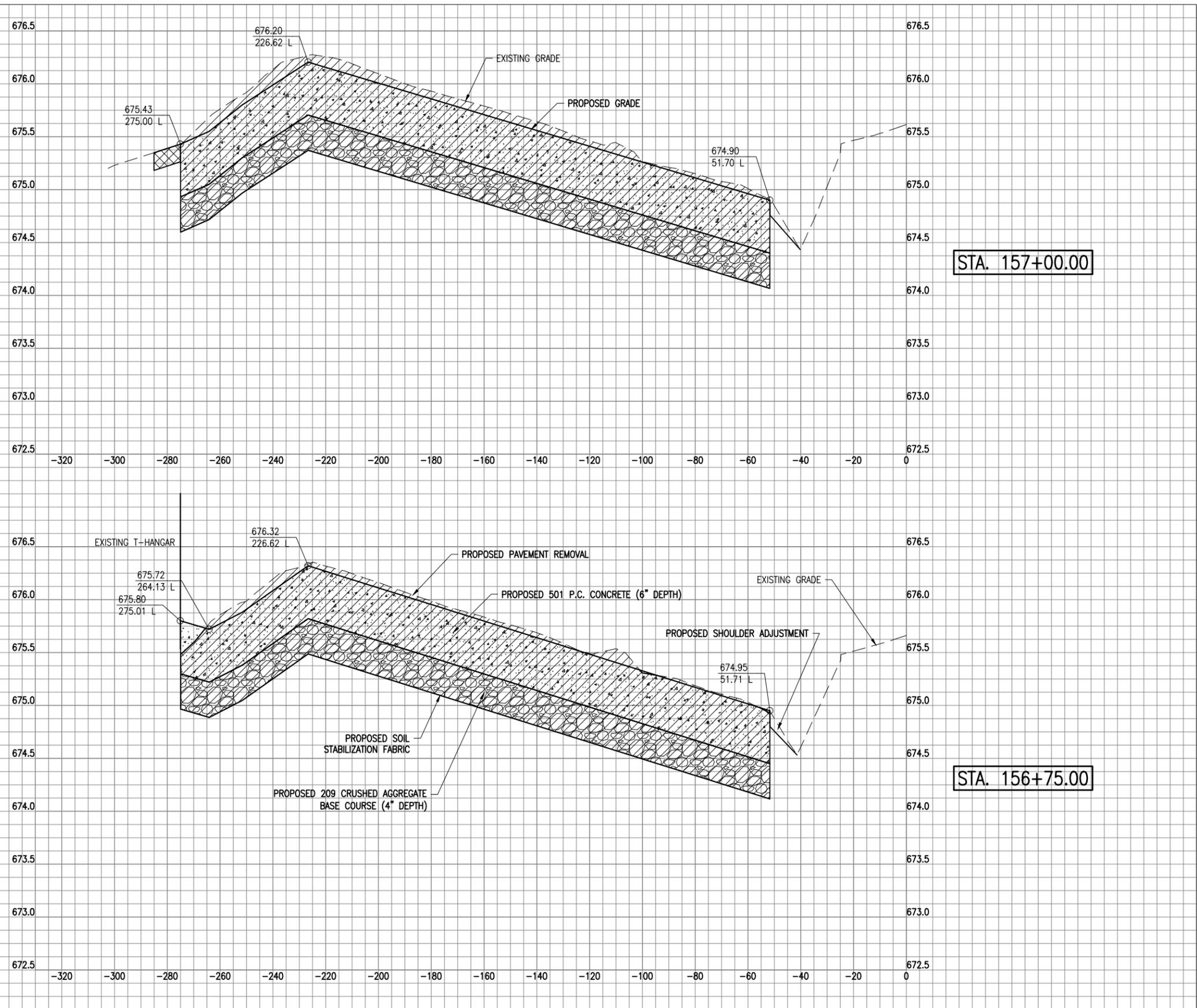
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		DES	DWN	REV

ISSUE: JANUARY 15, 2016
PROJECT NO: 14A0063
CAD FILE: C-302-XS.DWG
DESIGN BY: CAH 08/11/15
DRAWN BY: RAD 08/11/15
REVIEWED BY: BSS 12/16/15

SHEET TITLE

**APRON CROSS-SECTIONS
STA. 156+54.5 TO
STA. 156+64.5**



RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

IDA No: DEC-4231

Contract No. DE077

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

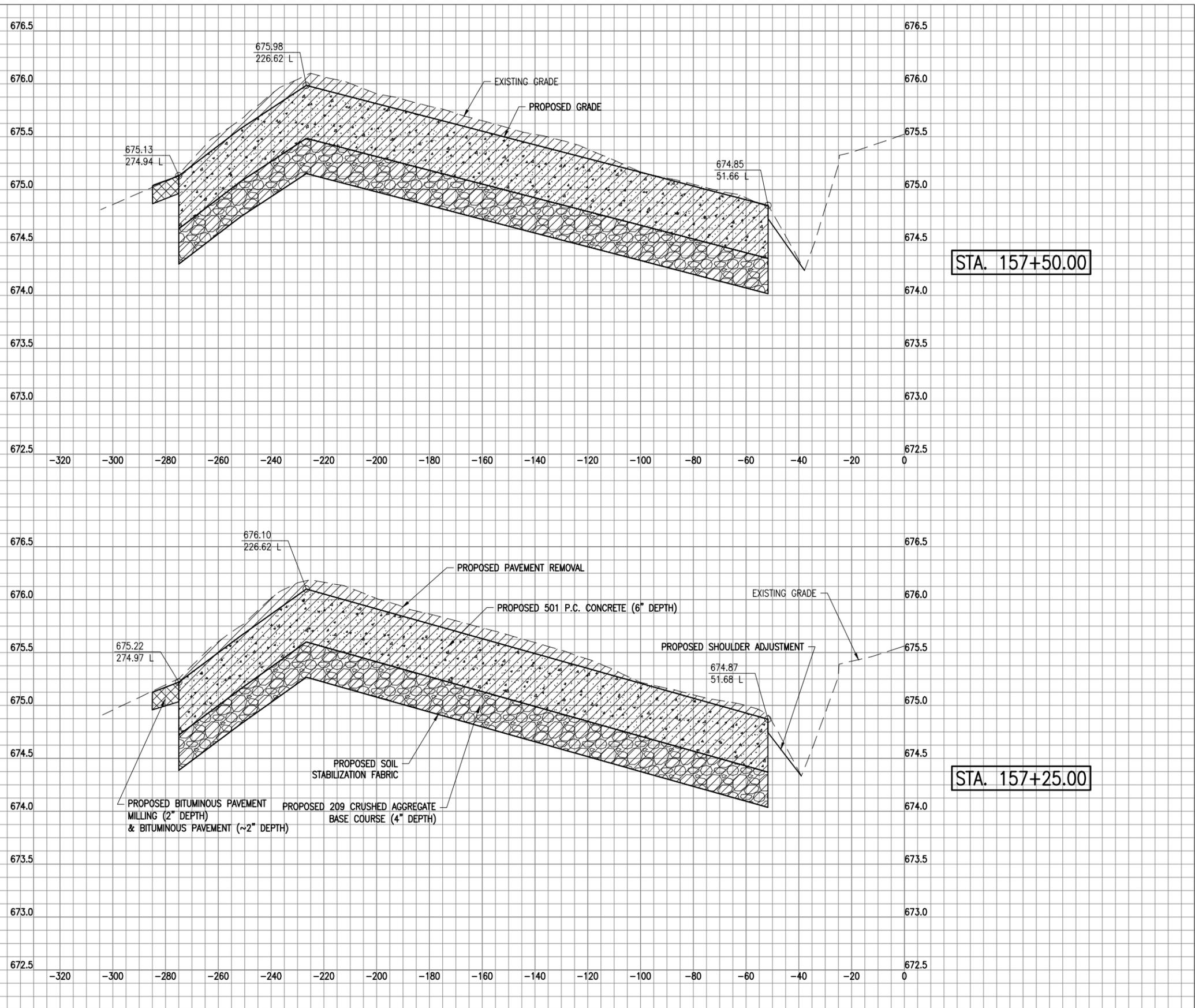
ISSUE: JANUARY 15, 2016
PROJECT NO: 14A0063
CAD FILE: C-302-XS.DWG
DESIGN BY: CAH 11/24/2015
DRAWN BY: RAD 11/24/2015
REVIEWED BY: BSS 12/16/2015

SHEET TITLE

APRON CROSS-SECTIONS STA. 156+75 TO STA. 157+00



Decatur Park District
Decatur Airport
910 South Airport Road
Decatur, IL 62521



RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

IDA No: DEC-4231

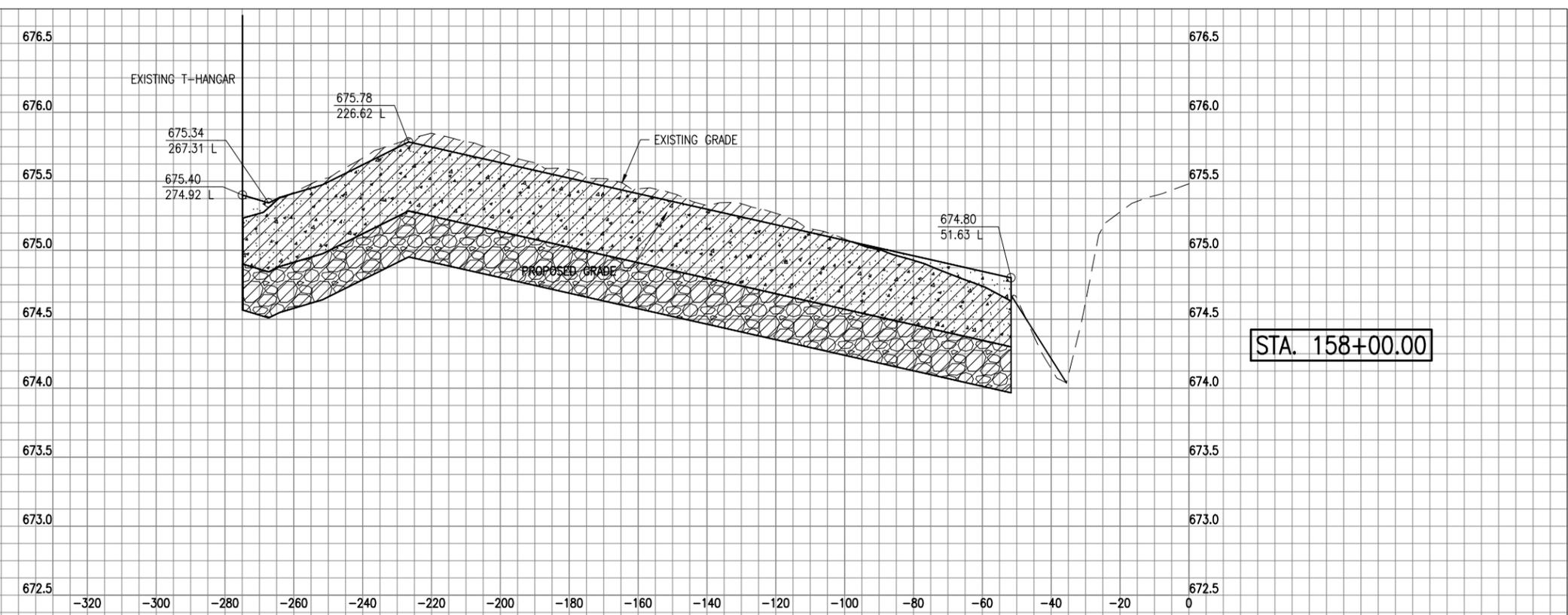
Contract No. DE077

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

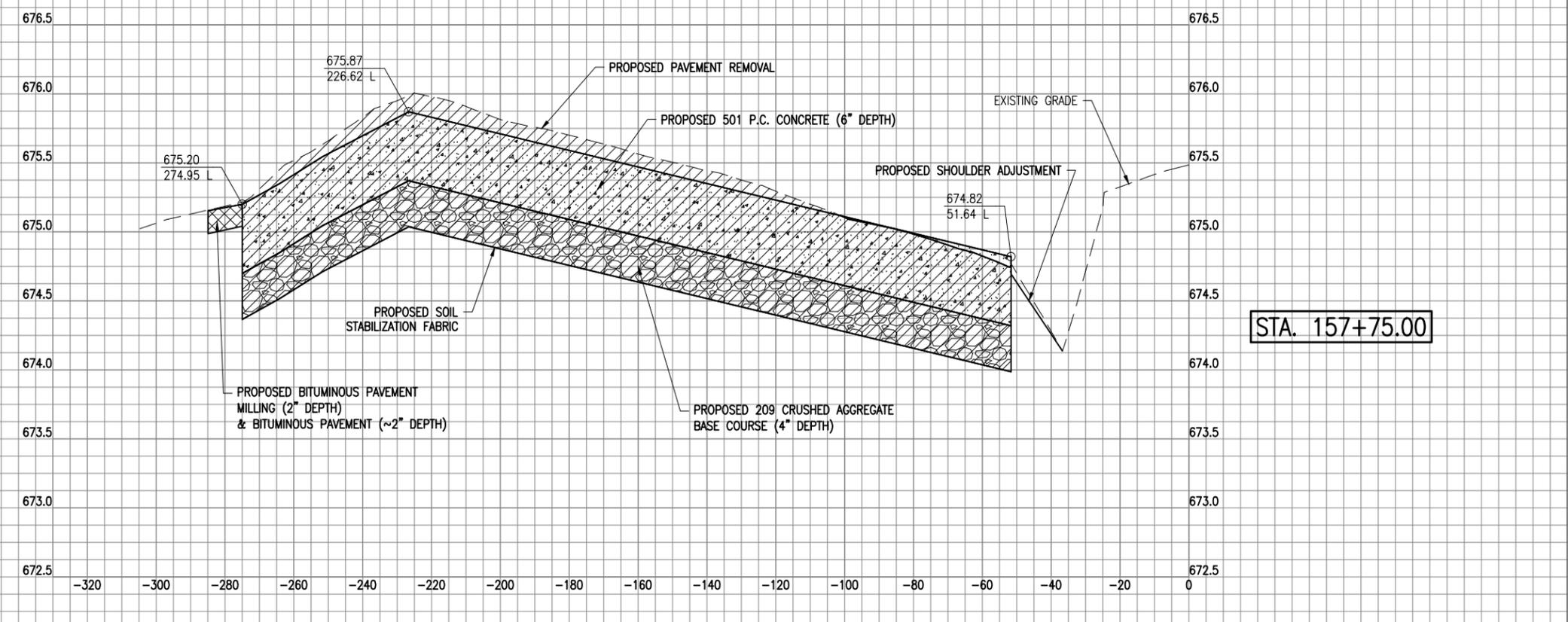
ISSUE: JANUARY 15, 2016
PROJECT NO: 14A0063
CAD FILE: C-302-XS.DWG
DESIGN BY: CAH 11/24/2015
DRAWN BY: RAD 11/24/2015
REVIEWED BY: BSS 12/16/2015

SHEET TITLE

APRON CROSS-SECTIONS STA. 157+25 TO STA. 157+50



STA. 158+00.00



STA. 157+75.00

RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

IDA No: DEC-4231

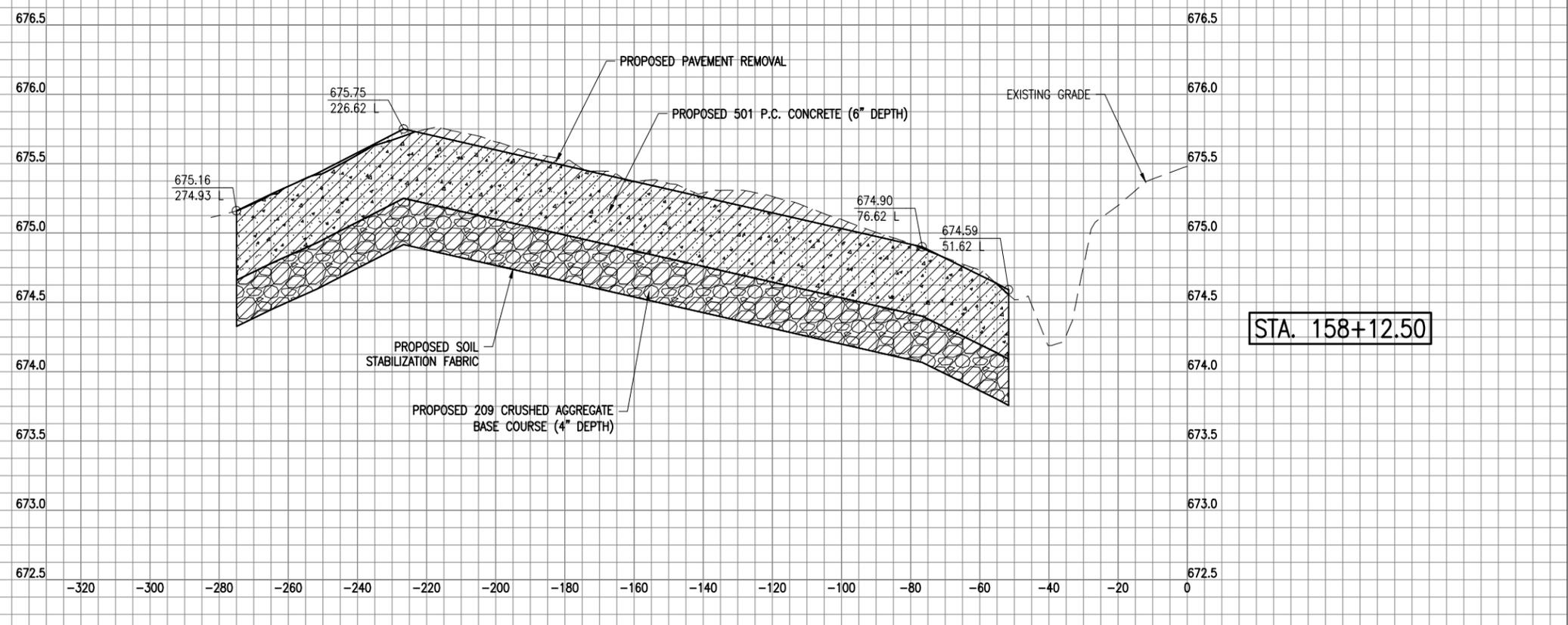
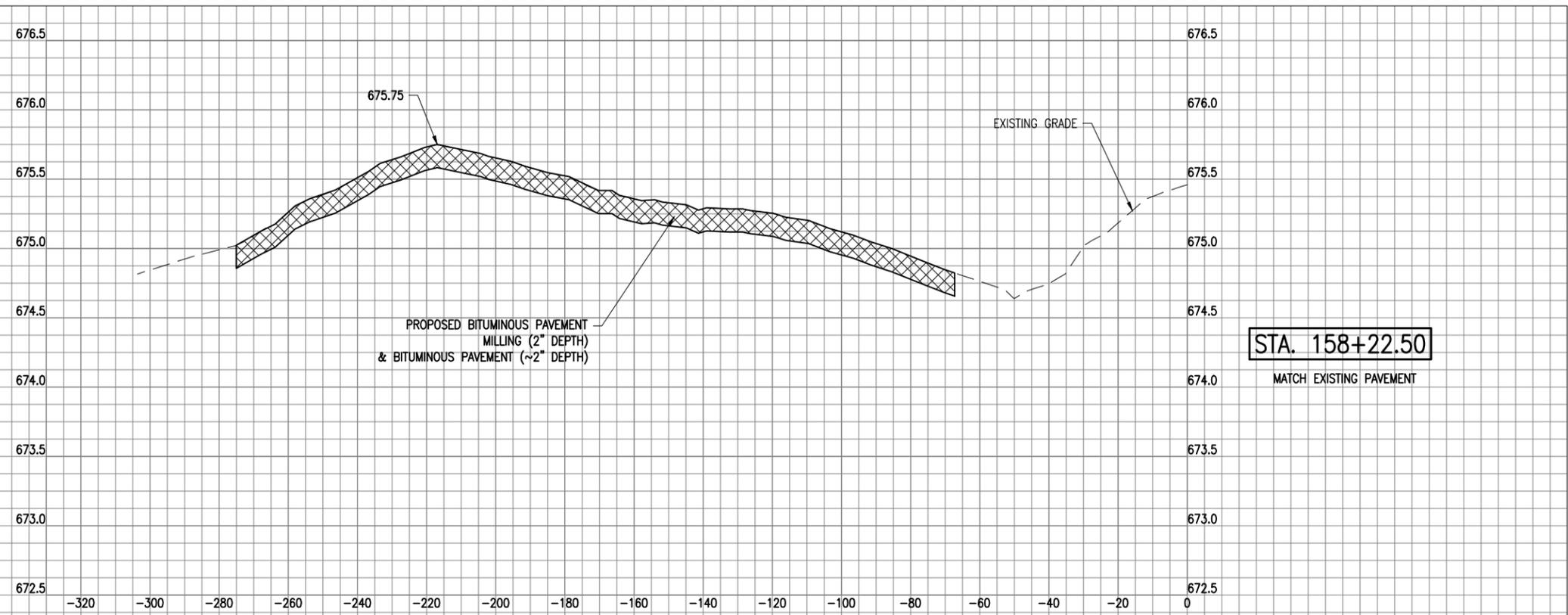
Contract No. DE077

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ISSUE: JANUARY 15, 2016
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CAD FILE: C-302-XS.DWG
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SHEET TITLE

APRON CROSS-SECTIONS STA. 157+75 TO STA. 158+00



RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

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Contract No. DE077

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ISSUE: JANUARY 15, 2016

PROJECT NO: 14A0063

CAD FILE: C-302-XS.DWG

DESIGN BY: CAH 11/24/2015

DRAWN BY: RAD 11/24/2015

REVIEWED BY: BSS 12/16/2015

SHEET TITLE

**APRON CROSS-SECTIONS
STA. 158+12.5 TO
STA. 158+22.5**



RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

IDA No: DEC-4231

Contract No. DE077

12/16/2015

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 15, 2016

PROJECT NO: 14A0063

CAD FILE: C-301-RMVL.DWG

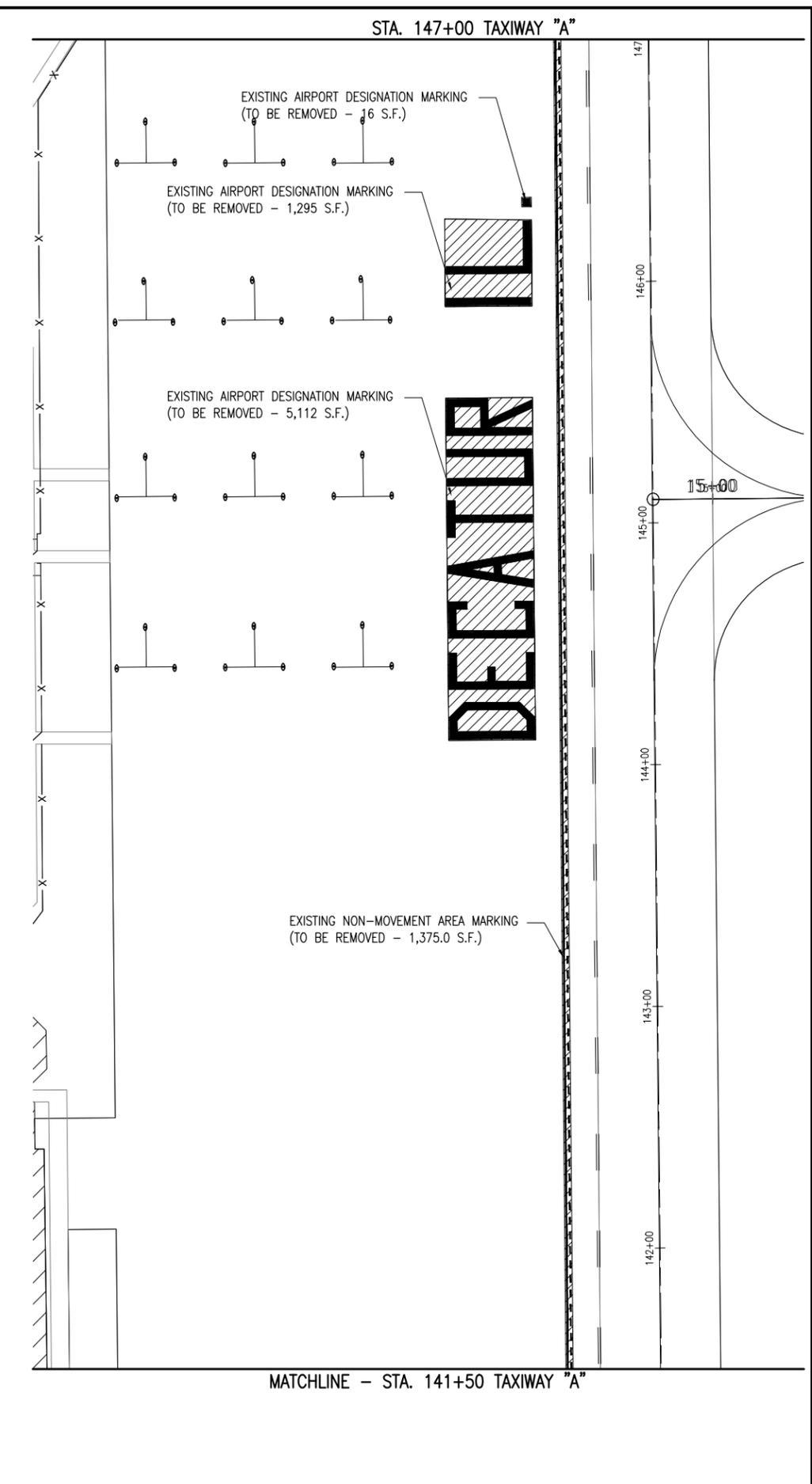
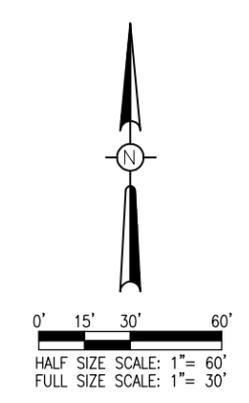
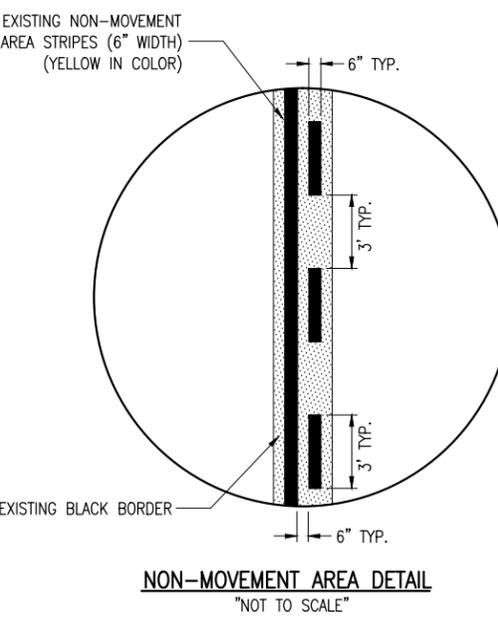
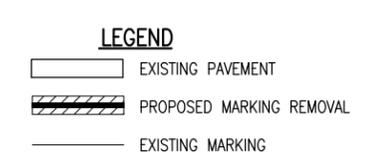
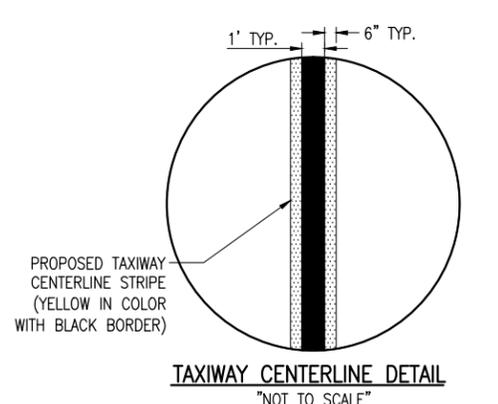
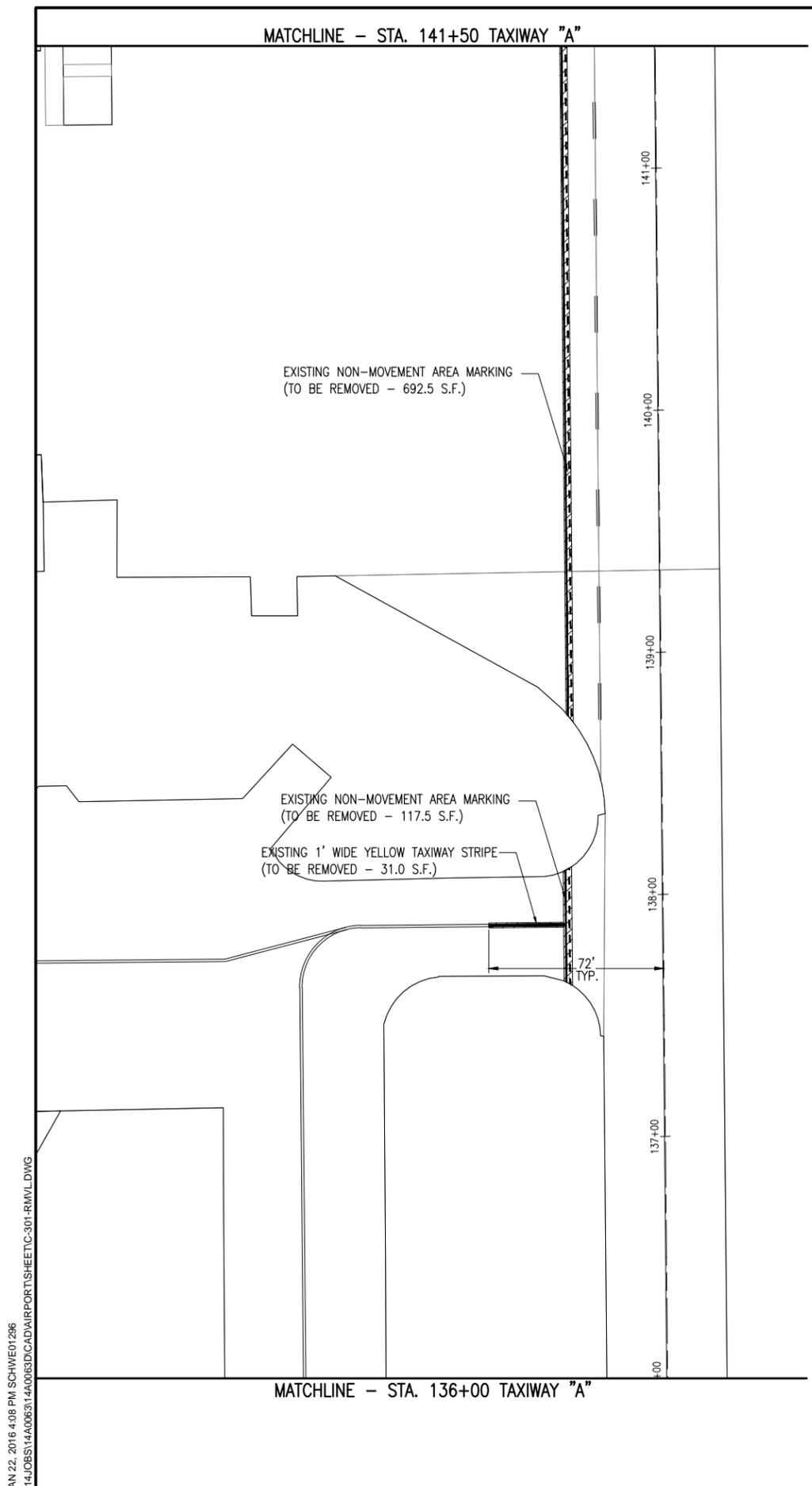
DESIGN BY: CAH 11/25/15

DRAWN BY: RAD 11/25/15

REVIEWED BY: BSS 12/16/15

SHEET TITLE

PROPOSED MARKING REMOVAL STA. 136+00 TO STA. 147+00



JAN 22, 2016 4:08 PM SCHWE01296
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RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

IDA No: DEC-4231

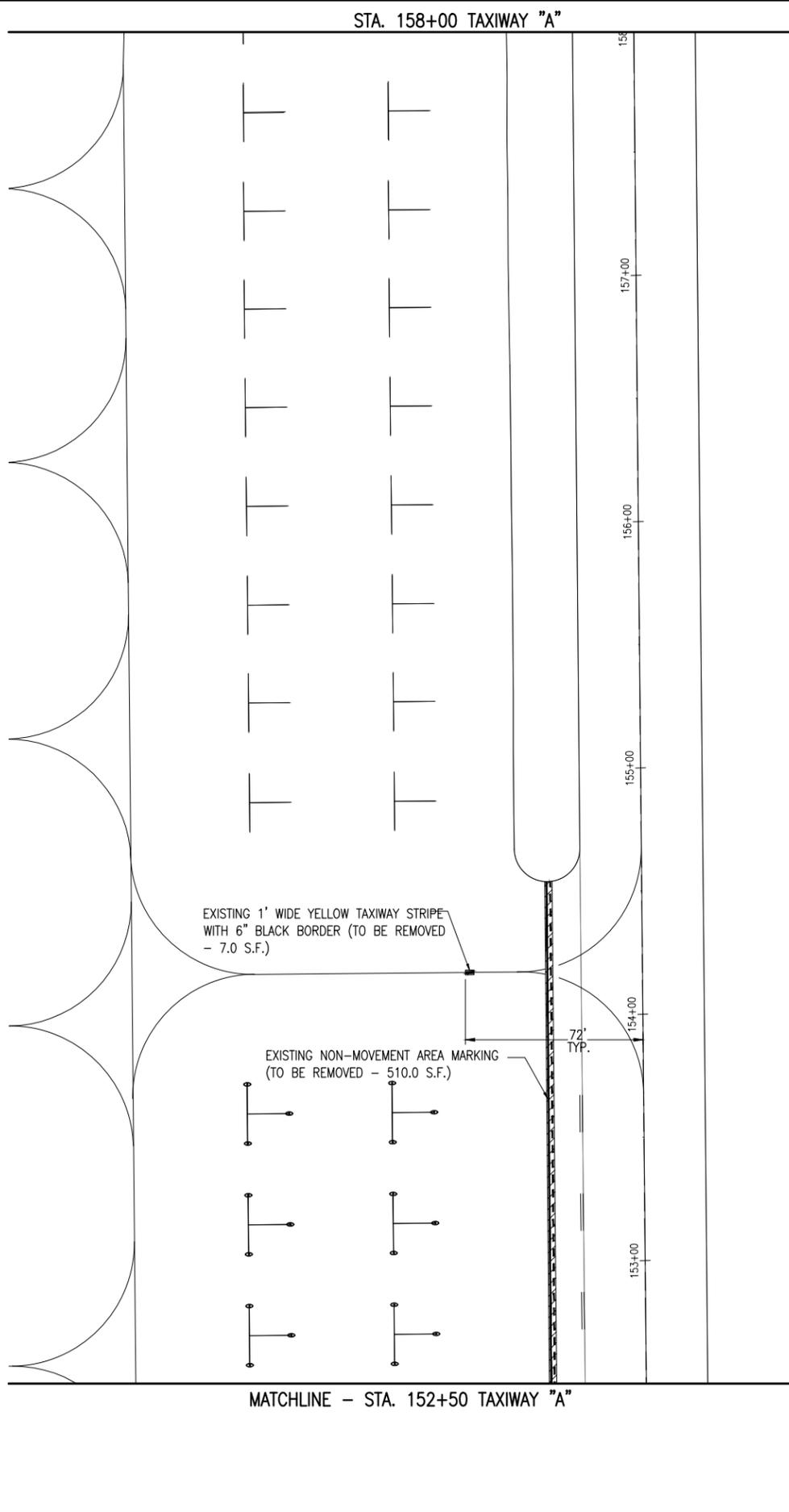
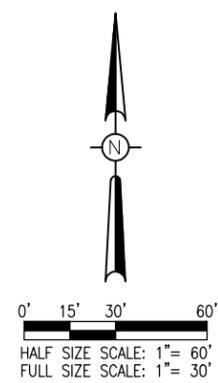
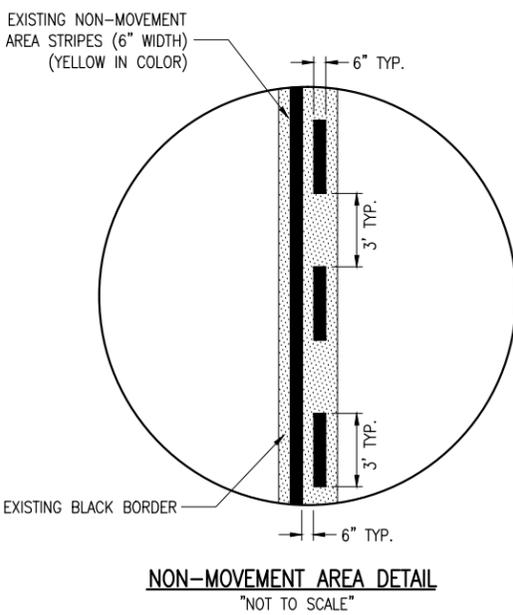
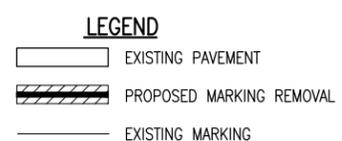
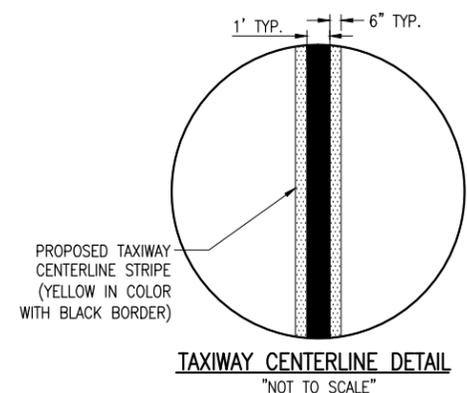
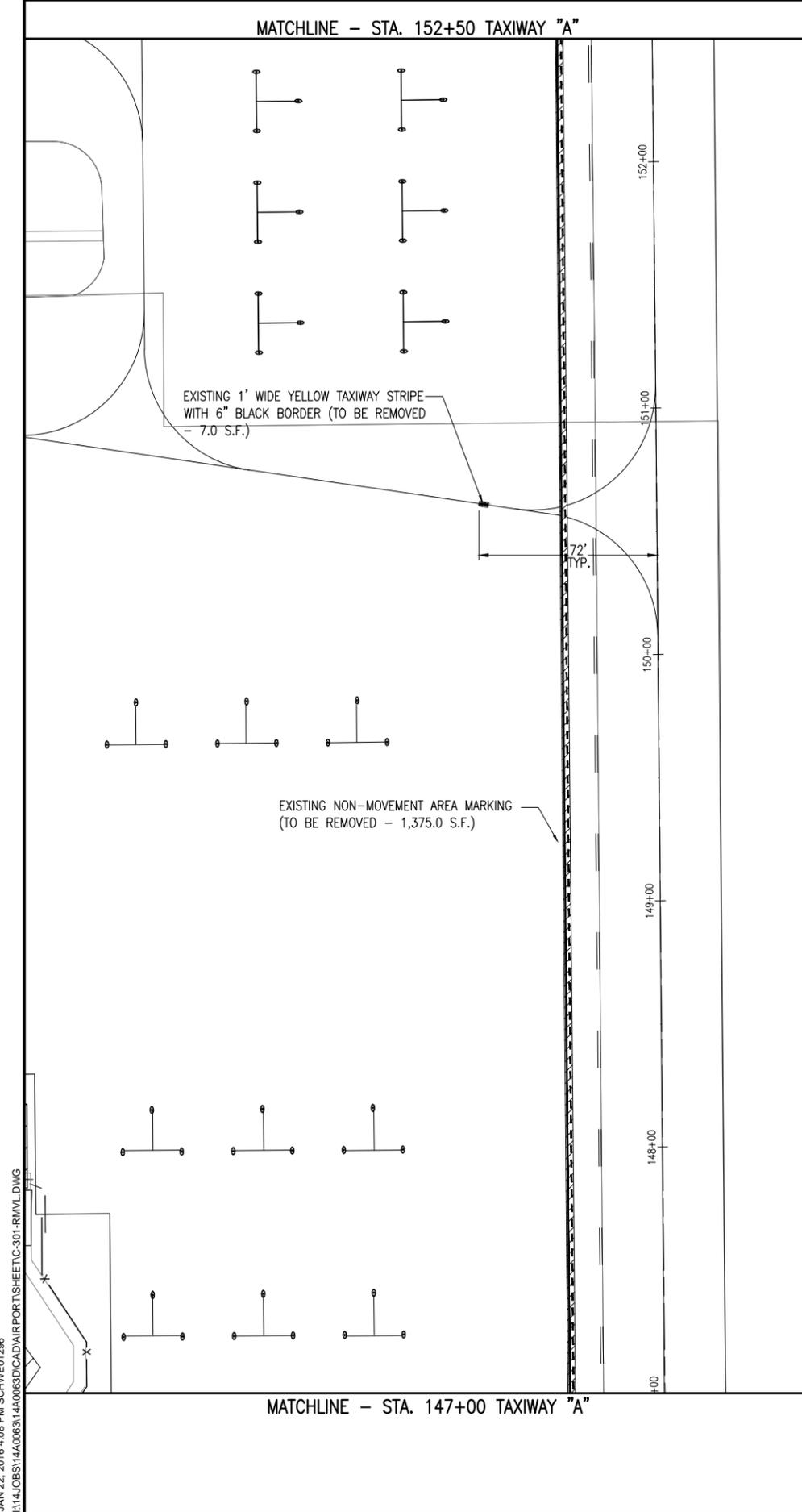
Contract No. DE077

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 15, 2016
PROJECT NO: 14A0063
CAD FILE: C-301-RMVL.DWG
DESIGN BY: CAH 11/25/15
DRAWN BY: XXXRAD25/15
REVIEWED BY: BSS 12/16/15

SHEET TITLE

PROPOSED MARKING REMOVAL STA. 147+00 TO STA. 158+00



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Decatur Park District
Decatur Airport
910 South Airport Road
Decatur, IL 62521

MARKING REMOVAL QUANTITIES

DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA
TAXIWAY CENTERLINE	106	1	106
NON-MOVEMENT AREA MARKING	5,128	1	5,128
AIRPORT DESIGNATION MARKING	6,423	1	6,423
TOTAL MARKING REMOVAL			11,657

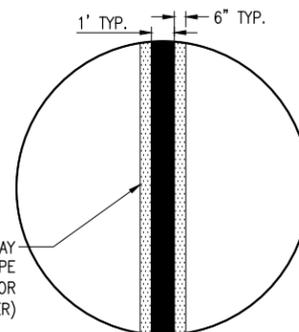
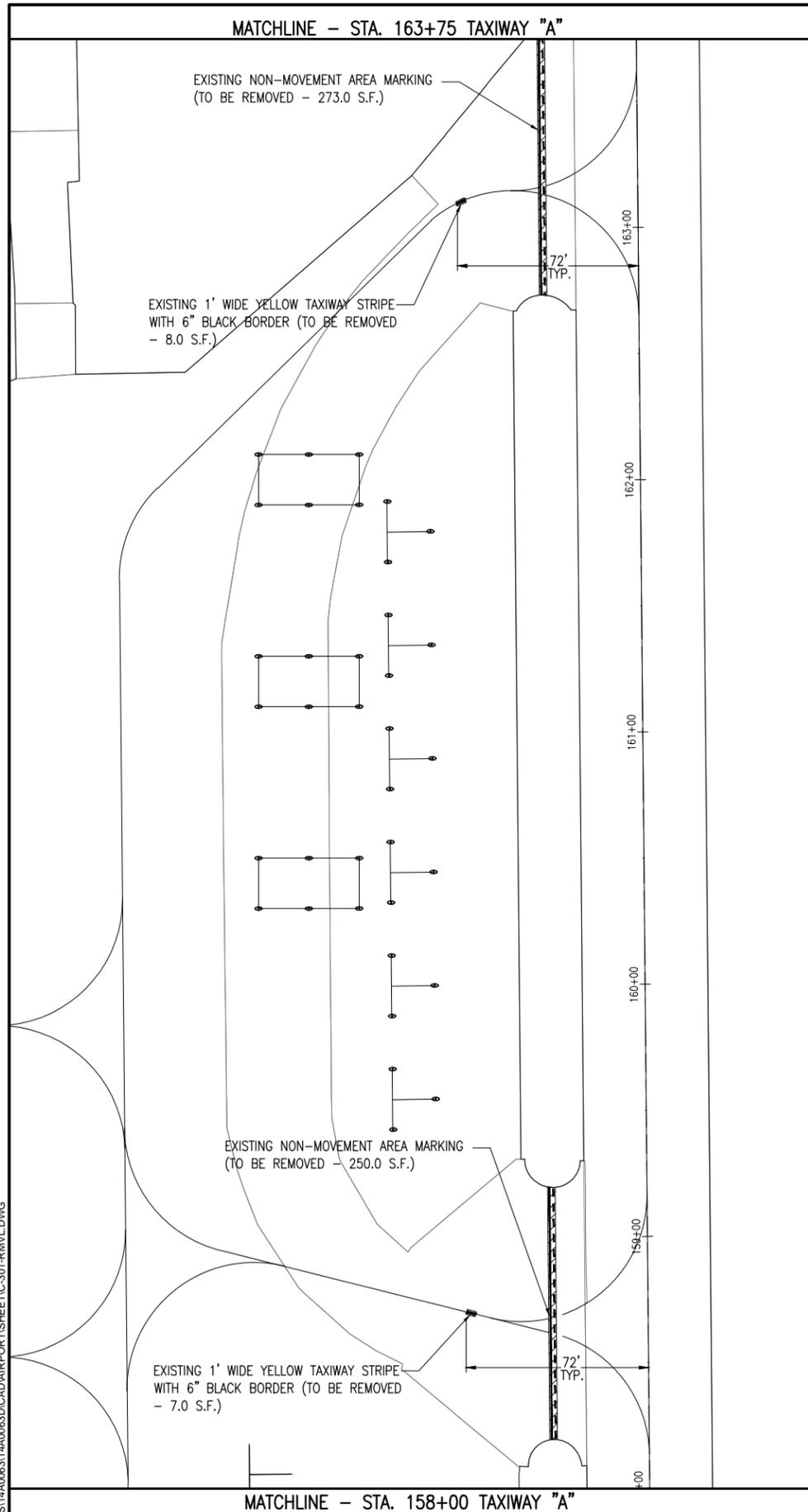
620900-PAVEMENT MARKING REMOVAL NOTES

THE EXISTING PAVEMENT MARKING SHALL BE REMOVED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 272 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.

THE AREAS THAT ARE DESIGNATED FOR REMOVAL ARE SHOWN ON THE CONSTRUCTION PLANS. THE CONTRACTOR WILL USE CONSISTENT EFFORT ACROSS THE AREA DESIGNATED FOR REMOVAL SO AFTER THE MARKING REMOVAL HAS BEEN COMPLETED THE REMOVAL AREA WILL HAVE A UNIFORM APPEARANCE AND THE REMOVED MARKING CANNOT BE DISCERNED.

ALL AREAS TO BE REMOVED ARE CALCULATED AREAS. ANY ADDITIONAL AREAS, DUE TO OVER SPRAY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

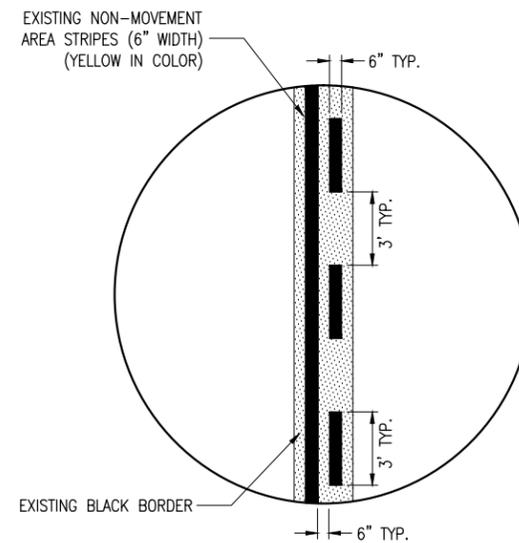
THE PROPOSED MARKING REMOVAL WILL BE PAID FOR UNDER ITEM:
AR620900 PAVEMENT MARKING REMOVAL ____ PER S.F.



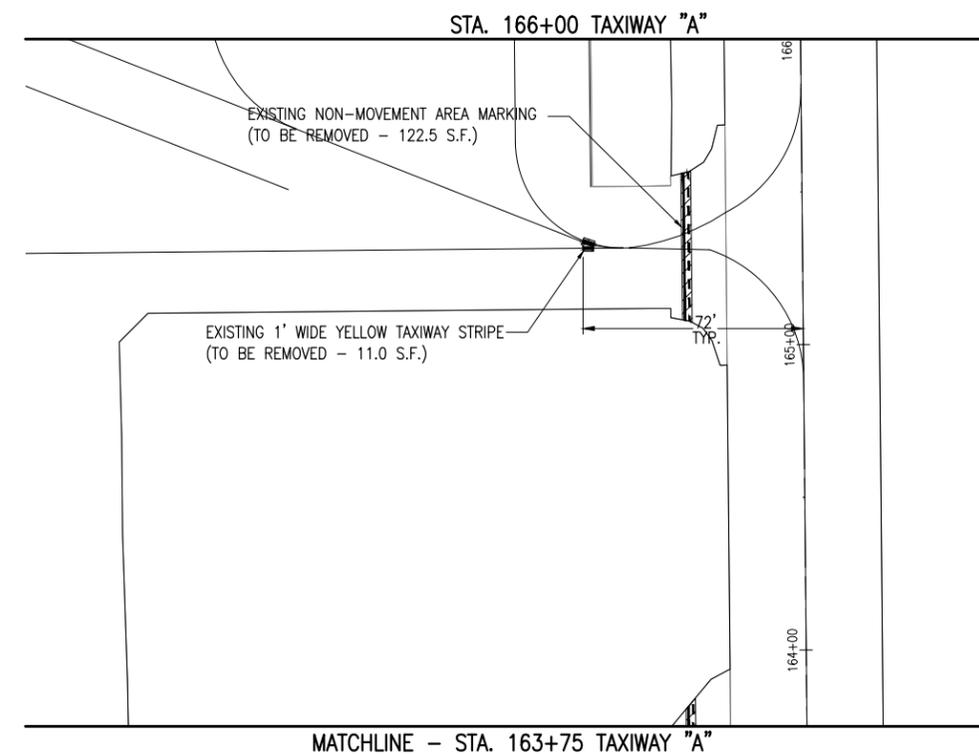
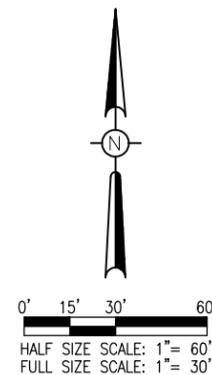
TAXIWAY CENTERLINE DETAIL
"NOT TO SCALE"

LEGEND

- EXISTING PAVEMENT
- PROPOSED MARKING REMOVAL
- EXISTING MARKING



NON-MOVEMENT AREA DETAIL
"NOT TO SCALE"



RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

IDA No: DEC-4231

Contract No. DE077

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

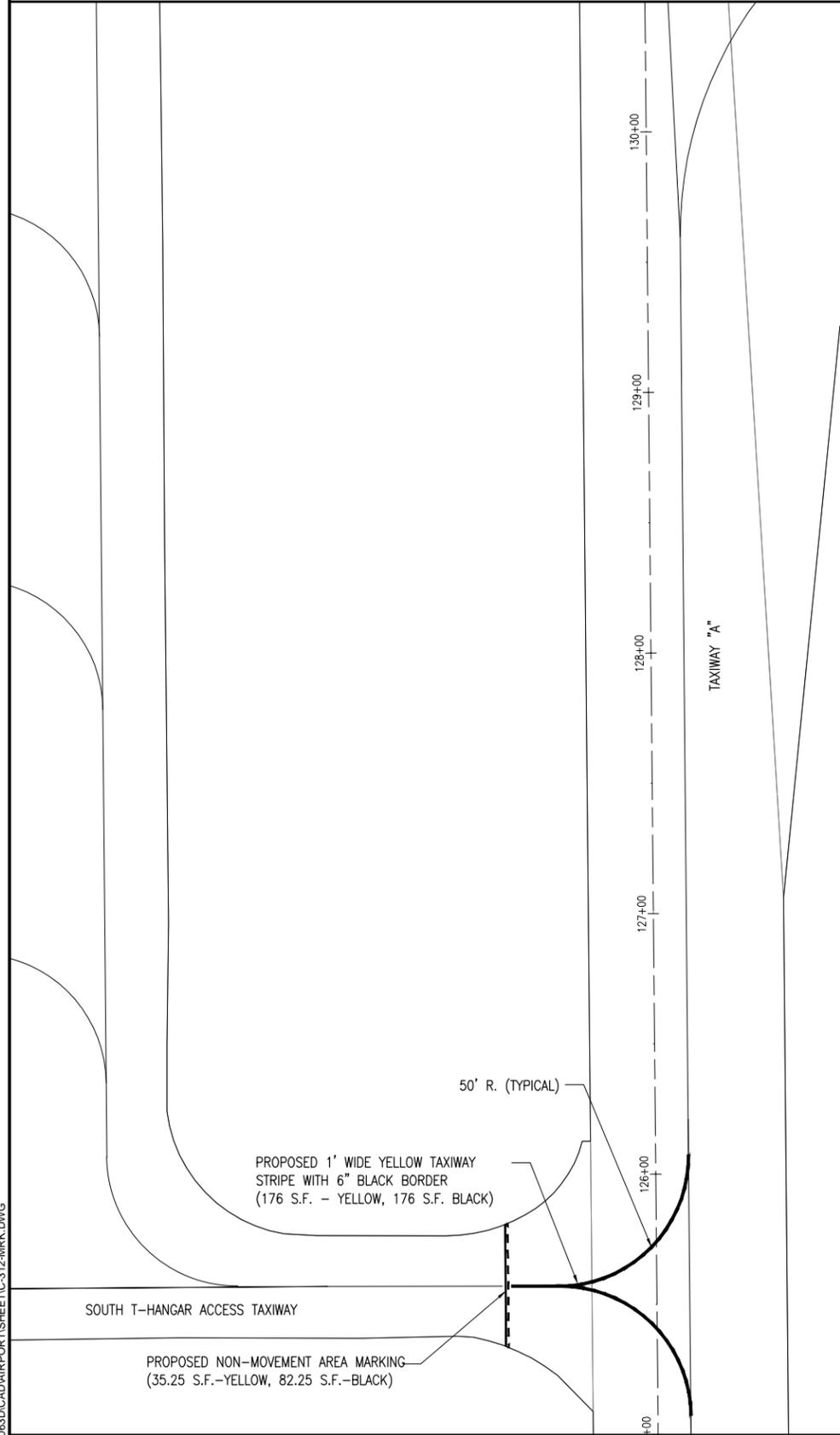
ISSUE: JANUARY 15, 2016
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SHEET TITLE

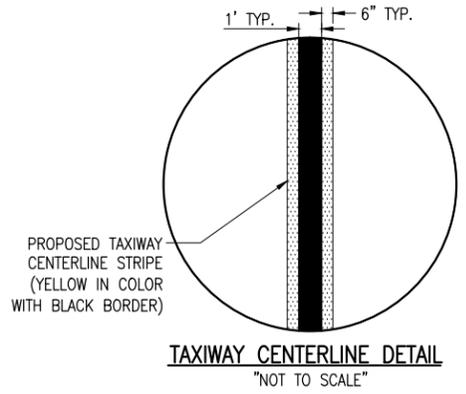
PROPOSED MARKING REMOVAL STA.158+00 TO STA. 166+00

JAN 22, 2016 4:08 PM SCHWE01296
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MATCHLINE - STA. 130+50 TAXIWAY "A"



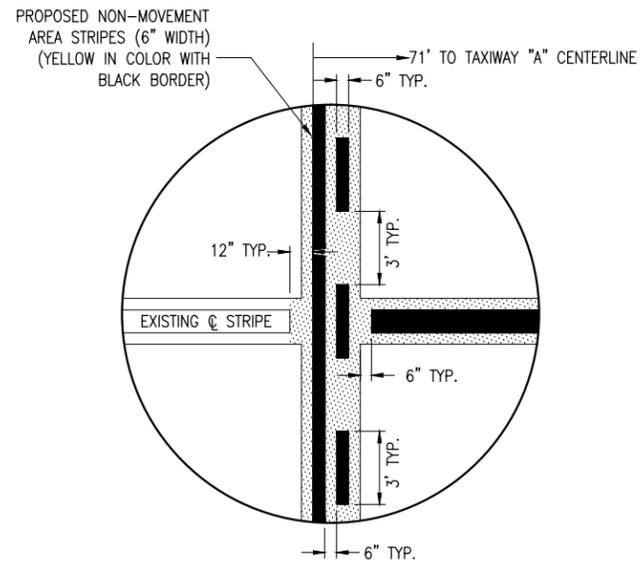
MATCHLINE - STA. 125+00 TAXIWAY "A"



TAXIWAY CENTERLINE DETAIL
"NOT TO SCALE"

LEGEND

- EXISTING PAVEMENT
- PROPOSED MARKING
- EXISTING MARKING

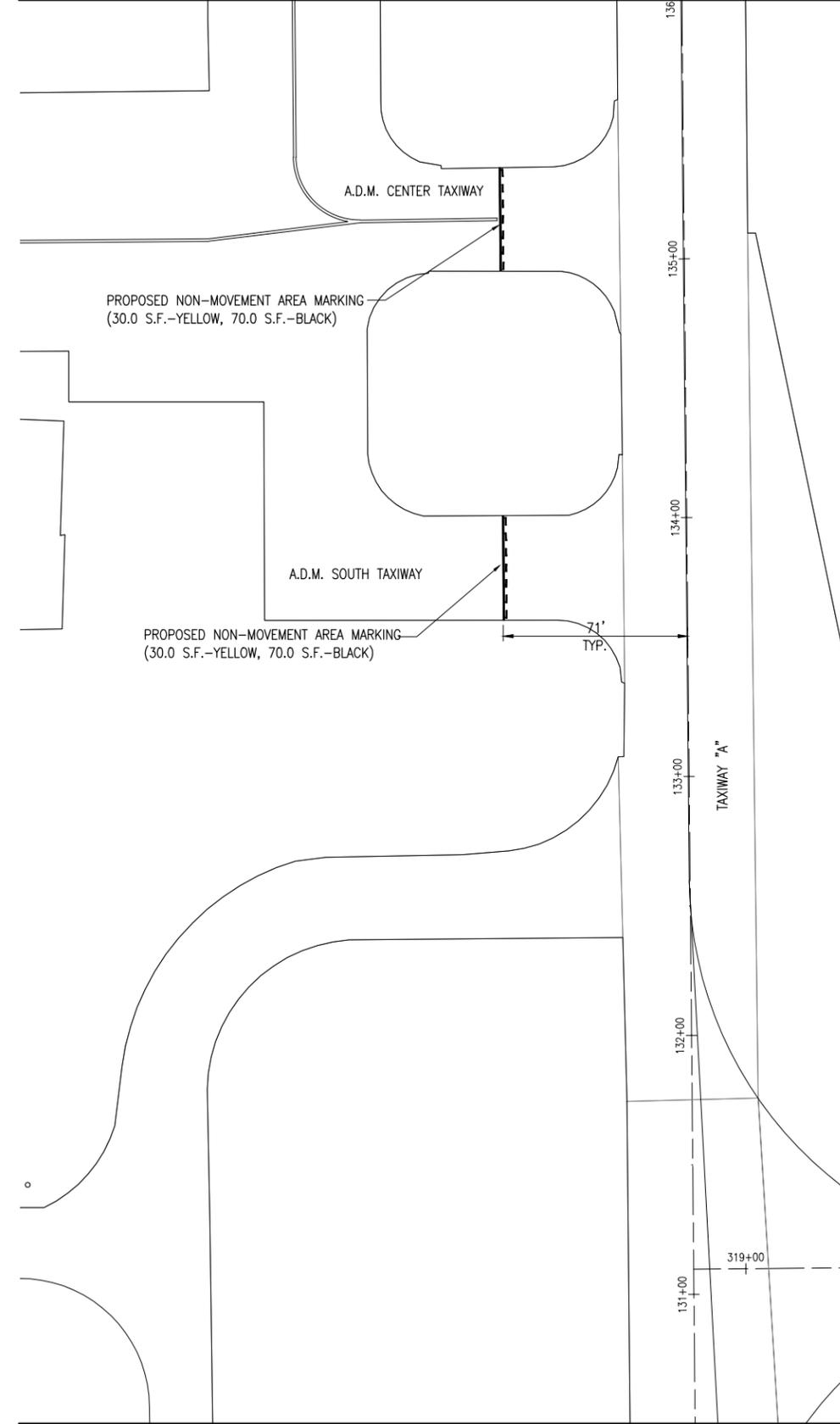


NON-MOVEMENT AREA DETAIL
"NOT TO SCALE"



0' 15' 30' 60'
HALF SIZE SCALE: 1" = 60'
FULL SIZE SCALE: 1" = 30'

STA. 136+00 TAXIWAY "A"



MATCHLINE - STA. 130+50 TAXIWAY "A"



Offices Nationwide
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1525 S. 6th Street
Springfield, IL 62703
phone: 217-788-2450
fax: 217-788-2503

Illinois Licensed
Professional Service Corporation
#184-001084



Decatur Park District
Decatur Airport
910 South Airport Road
Decatur, IL 62521

**RECONSTRUCT A
PORTION OF THE
MAIN AIRCRAFT
PARKING APRON**

IDA No: DEC-4231

Contract No. DE077

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JANUARY 15, 2016
PROJECT NO: 14A0063
CAD FILE: C-312-MRK.DWG
DESIGN BY: CAH 11/26/15
DRAWN BY: RAD 11/26/15
REVIEWED BY: BSS 12/16/15

SHEET TITLE

**PROPOSED MARKING
PLAN STA. 125+00 TO
STA. 136+00**

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Decatur Park District
Decatur Airport
910 South Airport Road
Decatur, IL 62521

RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

IDA No: DEC-4231

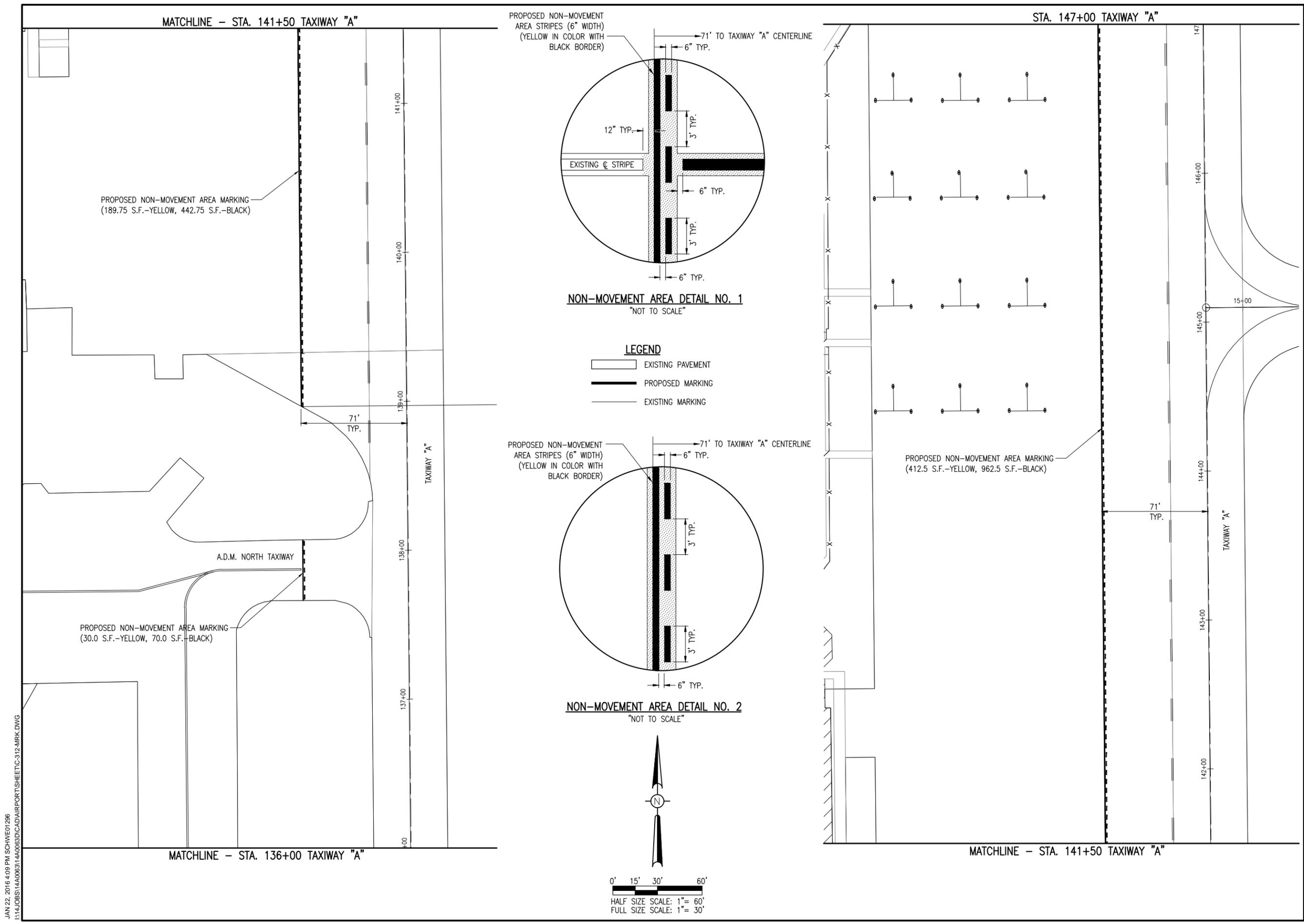
Contract No. DE077

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SHEET TITLE

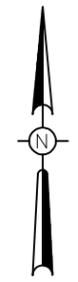
PROPOSED MARKING PLAN STA. 136+00 TO STA. 147+00



NON-MOVEMENT AREA DETAIL NO. 1
"NOT TO SCALE"

- LEGEND**
- EXISTING PAVEMENT
 - PROPOSED MARKING
 - EXISTING MARKING

NON-MOVEMENT AREA DETAIL NO. 2
"NOT TO SCALE"



0' 15' 30' 60'
HALF SIZE SCALE: 1" = 60'
FULL SIZE SCALE: 1" = 30'

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Decatur Park District
Decatur Airport
910 South Airport Road
Decatur, IL 62521

MATCHLINE – STA. 163+75 TAXIWAY "A"

PROPOSED 1' WIDE YELLOW TAXIWAY STRIPE WITH 6" BLACK BORDER (176 S.F.–YELLOW, 177 S.F.–BLACK)

50' R. (TYPICAL)

163+00

162+00

161+00

160+00

159+00

158+00

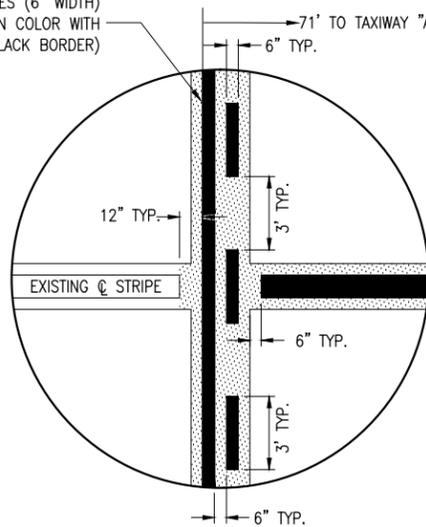
TAXIWAY "A"

50' R. (TYPICAL)

CONC. APRON
STA. 158+12

MATCHLINE – STA. 158+00 TAXIWAY "A"

PROPOSED NON-MOVEMENT AREA STRIPES (6" WIDTH) (YELLOW IN COLOR WITH BLACK BORDER)

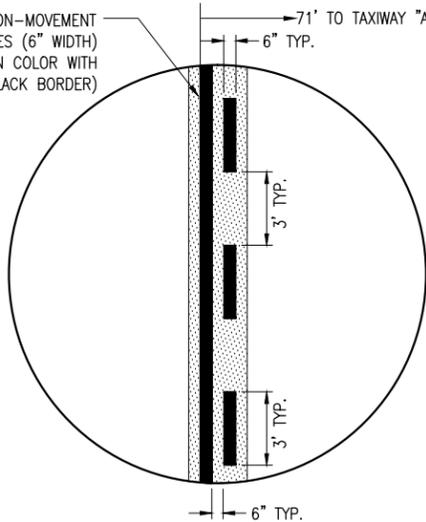


NON-MOVEMENT AREA DETAIL NO. 1
"NOT TO SCALE"

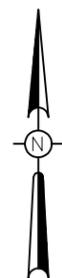
LEGEND

- EXISTING PAVEMENT
- PROPOSED MARKING
- EXISTING MARKING

PROPOSED NON-MOVEMENT AREA STRIPES (6" WIDTH) (YELLOW IN COLOR WITH BLACK BORDER)



NON-MOVEMENT AREA DETAIL NO. 2
"NOT TO SCALE"



0' 15' 30' 60'
HALF SIZE SCALE: 1" = 60'
FULL SIZE SCALE: 1" = 30'

MARKING QUANTITIES

DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA
TAXIWAY CENTERLINE	1,068	1	1,068
NON-MOVEMENT AREA MARKING	1,880	1	1,880
TOTAL YELLOW			2,948
TAXIWAY CENTERLINE (BLACK BORDER)	1,071	1	1,071
NON-MOVEMENT AREA MARKING (BLACK)	4,386	1	4,386
TOTAL BLACK			5,457
TOTAL MARKING			8,405

620-PAVEMENT MARKING-WATERBORNE NOTES

1. THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 272 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.
2. THIS ITEM SHALL CONSIST OF NON-MOVEMENT AREA MARKING, TAXIWAY CENTERLINE MARKING AND TIE DOWN MARKING IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL MARKING WILL BE YELLOW IN COLOR WITH A 6-IN BLACK BORDER. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.
3. ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.
4. ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.
5. IF THE CONTRACTOR ELECTS TO "BLOCK PAINT" THE BLACK PAINT AND THEN PAINT THE YELLOW PAINT OVER THE BLACK PAINT; ONLY THE VISIBLE BLACK PAINT WILL BE ELIGIBLE FOR PAYMENT.
6. GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION OF MARKING. NO GLASS BEADS ARE REQUIRED ON THE BLACK PAINT.
7. CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.
8. THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:
AR620520 PAVEMENT MARKING-WATERBORNE ____ PER S.F.
AR620525 PAVEMENT MARKING-BLACK BORDER ____ PER S.F.

STA. 166+00 TAXIWAY "A"

PROPOSED 1' WIDE YELLOW TAXIWAY STRIPE WITH 6" BLACK BORDER (182 S.F.–YELLOW, 183 S.F.–BLACK)

PROPOSED NON-MOVEMENT AREA MARKING (30.0 S.F.–YELLOW, 70.0 S.F.–BLACK)

50' R. (TYPICAL)

71' TYP.

TAXIWAY "A"

MATCHLINE – STA. 163+75 TAXIWAY "A"

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RECONSTRUCT A PORTION OF THE MAIN AIRCRAFT PARKING APRON

IDA No: DEC-4231

Contract No. DE077

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SHEET TITLE

PROPOSED MARKING PLAN STA. 158+00 TO STA. 166+00