

ITEM NO. 2A IDOT LETTING: JANUARY 18, 2019

# CONSTRUCTION PLANS

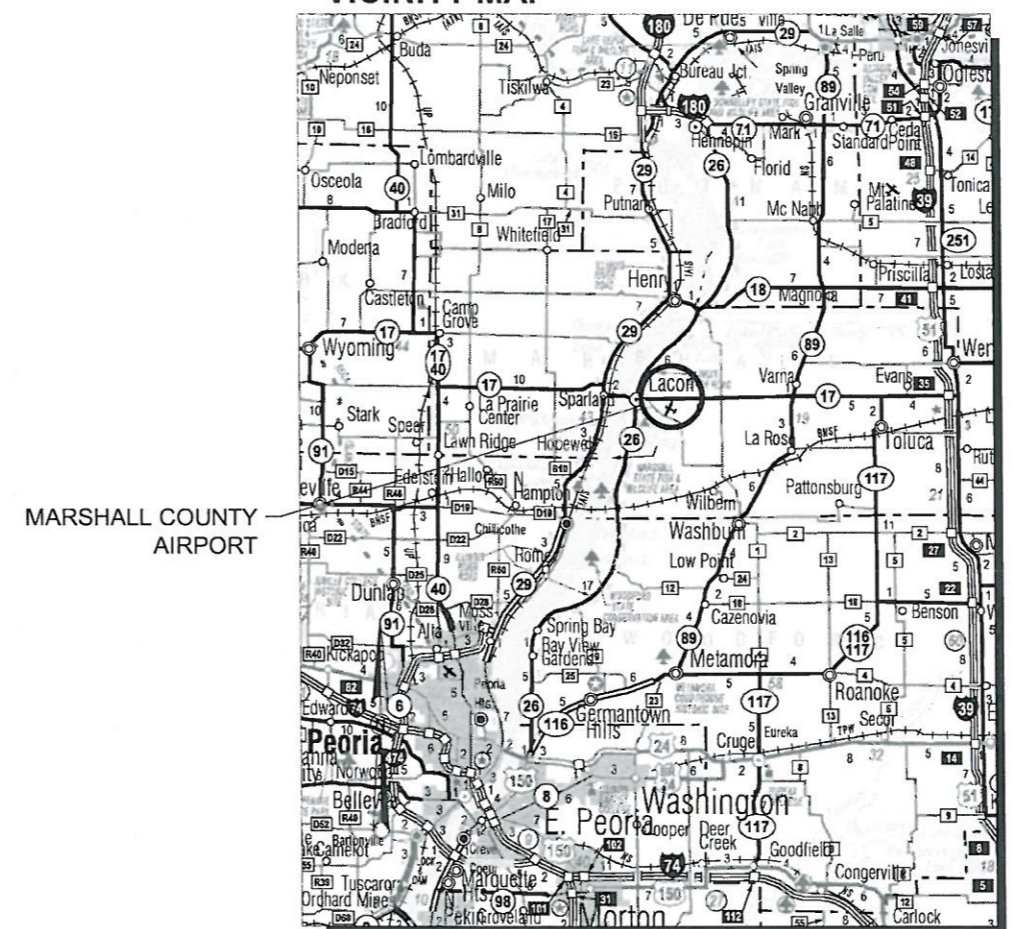
## REHABILITATE TAXIWAY C1 AND C2

MARSHALL COUNTY AIRPORT BOARD  
MARSHALL COUNTY AIRPORT (C75)  
LACON, MARSHALL COUNTY, ILLINOIS

IDA PROJECT NO. C75-4677  
SBG PROJECT NO. 3-17-SBGP-144

November 16, 2018

VICINITY MAP



LOCATION MAP



**NOTICE TO CONTRACTORS AND BIDDERS**

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.

No.	Issue/Description	Sheets Changed	Date	By

PLANS PREPARED BY:

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Lindsay Hausman, P.E.  
Project Engineer

November 16, 2018  
Date

MARSHALL COUNTY AIRPORT BOARD  
MARSHALL COUNTY AIRPORT  
1315 Illinois 17  
Lacon, Illinois 61540

Barry Logary  
Airport Manager

November 16, 2018  
Date

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SUMMARY OF QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	LUMP SUM	1.00
AR150520	MOBILIZATION	LUMP SUM	1.00
AR150530	TRAFFIC MAINTENANCE	LUMP SUM	1.00
AR152480	SHOULDER ADJUSTMENT	SQUARE YARD	1,445.00
AR156510	SILT FENCE	LINEAR FOOT	246.00
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	LINEAR FOOT	2,616.00
AR201662	BITUMINOUS SAND MIX	SQUARE YARD	23.00
AR201663	SAND MIX CRACK REPAIR	LINEAR FOOT	874.00
AR201670	CRACK CONTROL FABRIC	SQUARE YARD	3,475.00
AR401613	BIT. SURF. CSE. - METHOD I, SUPERPAVE	TON	513.00
AR401650	BITUMINOUS PAVEMENT MILLING	SQUARE YARD	3,498.00
AR401660	SAW & SEAL BIT. JOINTS	LINEAR FOOT	465.00
AR401665	BITUMINOUS PAVEMENT SAWING	LINEAR FOOT	748.00
AR401910	REMOVE & REPLACE BIT. PAVEMENT	SQUARE YARD	214.00
AR603510	BITUMINOUS TACK COAT	GALLON	1,008.00
AR620520	PAVEMENT MARKING-WATERBORNE	SQUARE FOOT	9,969.00
AR620525	PAVEMENT MARKING-BLACK BORDER	SQUARE FOOT	8,983.00
AR901510	SEEDING	ACRE	0.30
AR908510	MULCHING	ACRE	0.30

REHABILITATE TAXIWAY  
C1 AND C2

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018

PROJECT NO: 18A0005

CAD FILE: 02-SOQ.DWG

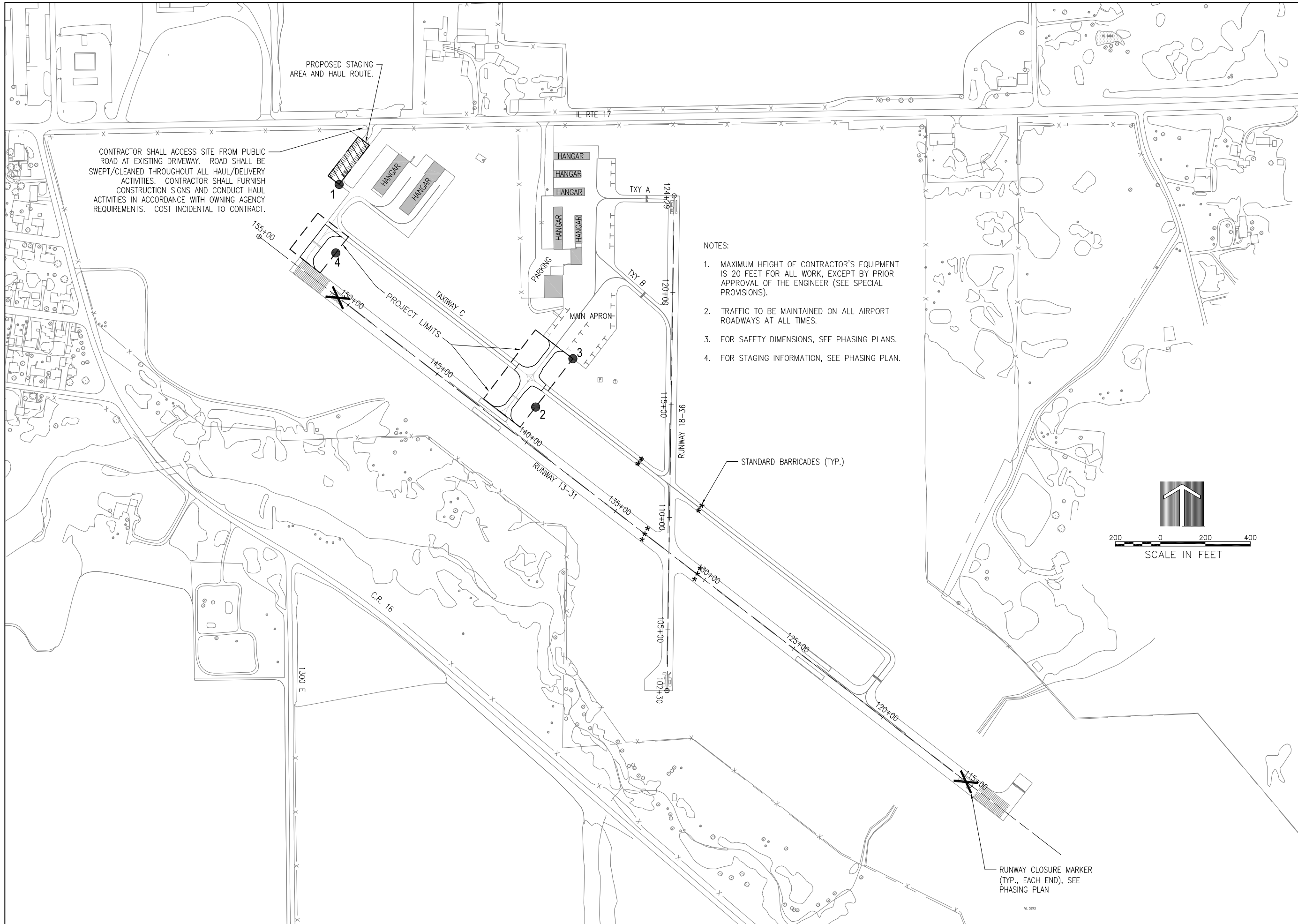
DESIGN BY: LDH 06/27/2018

DRAWN BY: LDH 06/27/2018

REVIEWED BY: KMS 10/14/18

SHEET TITLE

SHEET INDEX AND  
SUMMARY OF  
QUANTITIES



CONTRACTOR SHALL ACCESS SITE FROM PUBLIC ROAD AT EXISTING DRIVEWAY. ROAD SHALL BE SWEEP/CLEANED THROUGHOUT ALL HAUL/DELIVERY ACTIVITIES. CONTRACTOR SHALL FURNISH CONSTRUCTION SIGNS AND CONDUCT HAUL ACTIVITIES IN ACCORDANCE WITH OWNING AGENCY REQUIREMENTS. COST INCIDENTAL TO CONTRACT.

- NOTES:
1. MAXIMUM HEIGHT OF CONTRACTOR'S EQUIPMENT IS 20 FEET FOR ALL WORK, EXCEPT BY PRIOR APPROVAL OF THE ENGINEER (SEE SPECIAL PROVISIONS).
  2. TRAFFIC TO BE MAINTAINED ON ALL AIRPORT ROADWAYS AT ALL TIMES.
  3. FOR SAFETY DIMENSIONS, SEE PHASING PLANS.
  4. FOR STAGING INFORMATION, SEE PHASING PLAN.

REHABILITATE TAXIWAY C1 AND C2

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018

PROJECT NO: 18A0005

CAD FILE: 03-SITEPLAN.DWG

DESIGN BY: LDH 06/18/2018

DRAWN BY: LDH 06/18/2018

REVIEWED BY: KMS 10/14/18

SHEET TITLE

SITE AND SAFETY PLAN

# GENERAL NOTES

## PROJECT DESCRIPTION

THIS PROJECT IS TO REHABILITATE TAXIWAY C1 AND C2 AT MARSHALL COUNTY AIRPORT INCLUDING, AMONG OTHER INCIDENTAL WORK, THE FOLLOWING ITEMS:

- PLACEMENT OF TEMPORARY SOIL EROSION CONTROL MEASURES.
- MILLING OF EXISTING PAVEMENTS.
- CRACK REPAIR OF EXISTING PAVEMENTS.
- INSTALLATION OF CRACK CONTROL FABRIC.
- PLACEMENT OF BITUMINOUS OVERLAY.
- PLACEMENT OF PAVEMENT MARKINGS.
- TOPSOILING, SEEDING AND MULCHING IN ALL DISTURBED AREAS, INCLUDING ALONG NEW PAVEMENT EDGES.

## PROTECTION OF EXISTING AIRPORT FACILITIES

THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE PROTECTION OF EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND LIGHTING EQUIPMENT; DRIVEWAY AND ROAD PAVEMENT AND SHOULDERS; RUNWAY, TAXIWAY AND APRON PAVEMENTS AND SHOULDERS; RUNWAY, TAXIWAY AND AIRPORT LIGHTING EQUIPMENT; AND SEEDED AND TURFED AREAS THAT ARE UTILIZED IN OR AFFECTED BY THE CONTRACTOR'S ACTIVITIES. ITEMS DAMAGED BY THE CONTRACTOR ARE TO BE REPAIRED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE.

IN ADDITION, WHEN CONDITIONS DICTATE OR AS DETERMINED BY THE AIRPORT MANAGER OR THE OWNER'S REPRESENTATIVE, THE CONTRACTOR SHALL BE REQUIRED TO USE A PICK-UP TYPE SWEEPER IN ALL ACTIVE CONSTRUCTION AIRFIELD PAVEMENT AREAS. THE CONTRACTOR WILL BE REQUIRED TO HAVE A SWEEPER AVAILABLE FOR USE AT ALL TIMES. THE COST OF SWEEPING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

## CONTRACTOR'S ACCESS AND TEMPORARY FACILITIES

CONTRACTOR'S ACCESS TO THE PROJECT WHEN ON AIRPORT PROPERTY IS SHOWN ON SHEET 3. CONTRACTOR'S ACCESS TO THE AIRPORT ITSELF IS TO BE PROVIDED BY PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR IS TO SECURE ALL NECESSARY PERMITS FOR THE USE OF ANY PUBLIC RIGHTS-OF-WAY AND IS TO MAINTAIN TRAFFIC ON THESE PUBLIC ROADS AT ALL TIMES, WITH THE COSTS OF PERMITTING, CLEANING AND REPAIRING OF PAVEMENT DAMAGED BY CONTRACTOR'S ACTIVITIES INCIDENTAL TO THE CONTRACT. USE OF AND REPAIRS TO ANY PUBLIC FACILITIES ARE TO BE COMPLETED TO THE SATISFACTION OF THE FACILITY'S OWNER.

THE CONTRACTOR IS TO PROVIDE TEMPORARY CONSTRUCTION ROADS WITHIN THE CONSTRUCTION LIMIT LINES AS MAY BE REQUIRED BY HIS ACTIVITIES. HEAVY VEHICLES SHALL NOT CROSS EXISTING PAVEMENT SURFACES EXCEPT AS APPROVED BY THE AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE. ANY DAMAGE TO PAVEMENTS THAT MAY OCCUR BY THE CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE. FOR HAUL ROUTES MADE BY THE CONTRACTOR THROUGH GRASSED AREAS, CONTRACTOR SHALL GRADE, LEVEL, TOPSOIL, SEED AND MULCH AT THE END OF THE PROJECT, COST INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR IS TO PROVIDE AN EQUIPMENT STORAGE AND PARKING AREA AT THE LOCATIONS SHOWN ON SHEET 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE ACCESS ROADS AND THE STORAGE AREA DURING CONSTRUCTION AND TO RESTORE THE AREAS AT PROJECT COMPLETION TO CONDITIONS SUITABLE TO THE AIRPORT MANAGER AND THE OWNER'S REPRESENTATIVE. AT THE AIRPORT MANAGER'S DISCRETION, THE TEMPORARY FACILITIES MAY REMAIN, BUT THEY MUST BE LEFT IN CONDITIONS SUITABLE TO THE AIRPORT MANAGER. THE COST OF PROVIDING, MAINTAINING AND RESTORING THE TEMPORARY FACILITIES IS INCIDENTAL TO THE CONTRACT.

## RESPONSIBILITY FOR EXISTING UTILITIES

THE LOCATION, SIZE AND/OR TYPE OF MATERIAL OF EXISTING UNDERGROUND OR OVERHEAD UTILITIES AS MAY BE INDICATED ON THESE CONSTRUCTION PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE PROJECT ENGINEER HAVE INDEPENDENTLY VERIFIED THIS INFORMATION AND NEITHER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, SUFFICIENCY OR COMPLETENESS OF THE INFORMATION AND GIVE NO EXPRESSED OR IMPLIED GUARANTEE THAT ANY CONDITIONS INDICATED ARE REPRESENTATIVE OF ACTUAL CONDITIONS TO BE ENCOUNTERED.

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 ALL UTILITY COMPANIES AND AGENCIES OF HIS CONSTRUCTION PLANS AND SHALL OBTAIN FROM EACH PARTY DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF ALL UTILITIES AND THE WORKING SCHEDULE OF ANY REMOVALS OR ADJUSTMENTS REQUIRED OF THE UTILITY. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (PHONE 800-892-0123) TO ASSIST IN THE ABOVE.

THE CONTRACTOR SHALL PROTECT ANY FACILITIES TO THE SATISFACTION OF THE UTILITY OR OWNING-AGENCY WITH THE COST OF ANY REQUIRED PROTECTION TO BE INCIDENTAL TO THE CONTRACT. IN THE EVENT A UTILITY LINE OR SERVICE IS UNEXPECTEDLY ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE AND THE UTILITY COMPANY OR AGENCY OF JURISDICTION. ANY SUCH UTILITIES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO SERVICE AT ONCE.



800.892.0123

PROJECT IS LOCATED IN NORTHWEST 1/4 OF SECTION 31, HOPEWELL TOWNSHIP, MARSHALL COUNTY

## NOTES

1. VERTICAL COORDINATES ARE IN NGVD 29. HORIZONTAL COORDINATES ARE IN STATE PLANE NAD 83 ILLINOIS WEST.
2. STATIONS, OFFSETS AND ELEVATIONS SHOWN ARE IN FEET.
3. THE AIRPORT REFERENCE CODE FOR RUNWAY 18-36 IS A-I. RUNWAY 18 AND RUNWAY 36 BOTH HAVE A VISUAL APPROACH.
4. THE AIRPORT REFERENCE CODE FOR RUNWAY 13-31 IS B-I. RUNWAY 31 HAS A NON-PRECISION APPROACH WITH VISIBILITY MINIMUM OF 1 MILE WHILE RUNWAY 13 HAS A VISUAL APPROACH.

EXISTING BENCHMARKS			
DESCRIPTION	NORTHING	EASTING	ELEV.
"LACPORT" NGS MONUMENT	1,585,214.74	2,512,982.03	565.35
"LACPORT AZ" NGS MONUMENT	1,587,067.56	2,510,579.08	536.53

RUNWAY END COORDINATES			
DESCRIPTION	LATITUDE	LONGITUDE	ELEVATION (MSL)
RUNWAY END 13	41° 01' 18.4776 N	89° 23' 29.6968 W	538.5 FT
RUNWAY END 31	41° 00' 54.0500 N	89° 22' 48.6361 W	584.5 FT
RUNWAY END 18	41° 01' 21.3180 N	89° 23' 07.6656 W	554.2 FT
RUNWAY END 36	41° 00' 59.5990 N	89° 23' 08.3412 W	547.7 FT

OBJECT INFORMATION												
ITEM NO.	DESCRIPTION	MOBILITY	GROUND ELEVATION	OBJECT ELEVATION	LATITUDE	LONGITUDE	RUNWAY 13-31 STATION	RUNWAY 13-31 OFFSET	RUNWAY 13-31 EXIST EL.	RUNWAY 18-36 STATION	RUNWAY 18-36 OFFSET	RUNWAY 18-36 EXIST EL.
1	CONSTRUCTION EQUIPMENT	STATIONARY	537.0	557.0	41° 01' 21.9510" N	89° 23' 27.0810" W	153+58.75	400.3	538.5	124+57.78	1489.3	554.2
2	CONSTRUCTION EQUIPMENT	MOVING	550.0	570.0	41° 01' 12.1009" N	89° 23' 15.8085" W	140+63.47	150.0	550.5	114+81.46	602.0	555.6
3	CONSTRUCTION EQUIPMENT	MOVING	552.0	572.0	41° 01' 14.2088" N	89° 23' 13.6224" W	140+63.47	421.3	550.5	116+98.68	439.5	555.8
4	CONSTRUCTION EQUIPMENT	MOVING	536.0	556.0	41° 01' 18.9438" N	89° 23' 27.3119" W	151+84.69	150.0	540.0	121+53.10	1499.8	554.9



REHABILITATE TAXIWAY C1 AND C2

SBGP No: 3-17-SBGP-144  
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Contract No. MA030

NO.	DATE	DESCRIPTION		
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ISSUE: NOVEMBER 16, 2018

PROJECT NO: 18A0005

CAD FILE: 04-GENERALNOTES.DWG

DESIGN BY: LDH 06/18/2018

DRAWN BY: LDH 06/18/2018

REVIEWED BY: KMS 10/14/18

SHEET TITLE

SITE & SAFETY  
PLAN NOTES

**CONSTRUCTION AND SAFETY NOTES**

SAFETY IS REQUIRED

CONSTRUCTION OF THE PROJECT SHALL BE PERFORMED BY THE CONTRACTOR IN ACCORDANCE WITH THE GUIDELINES SPECIFIED IN FAA ADVISORY CIRCULAR 150/5370-2 (CURRENT ISSUE) AND THE AIRPORT RULES AND REGULATIONS. ANY CONTRACTOR ACTIVITIES REQUIRED FOR PROJECT SAFETY SHALL BE PROVIDED BY THE CONTRACTOR AND BE INCIDENTAL TO THE CONTRACT.

SEQUENCE OF CONSTRUCTION

TO MINIMIZE DISRUPTIONS OF AIRPORT OPERATIONS, CONSTRUCTION OPERATIONS MUST BE CONTROLLED THROUGHOUT THE PROJECT'S DURATION, AND WORK MUST BE COMPLETED EXPEDITIOUSLY. A CONSTRUCTION PHASING PLAN DETAILING THE SEQUENCING OF THE CONTRACTOR'S WORK THROUGHOUT THE PROJECT IS INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PROVIDE HIS WRITTEN ACCEPTANCE OF THE PROJECT CONSTRUCTION PHASING PLAN AT THE PRE-CONSTRUCTION CONFERENCE. ANY AND ALL CHANGES TO THE CONSTRUCTION PHASING PLAN THAT MAY BE REQUESTED BY THE CONTRACTOR MUST BE APPROVED BY THE PROJECT ENGINEER AND THE AIRPORT OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SUFFICIENT ADVANCE NOTICE OF ANY PROPOSED PHASING CHANGE TO PERMIT CONSIDERATION AND APPROVAL BY THE PROJECT ENGINEER AND THE AIRPORT OWNER. THE CONTRACTOR SHALL NOT BE ENTITLED TO ANY EXTRA COMPENSATION, NOR EXTENSION TO THE CONTRACT TIME, BECAUSE OF A PHASING CHANGE REQUEST NOR FOR ANY TIME NECESSARY IN RECEIVING THE REQUIRED APPROVALS. THE CONTRACTOR SHALL EXPEDITE WORK AT THOSE STAGES WHERE ACTIVE TAXIWAYS, HANGAR ACCESS, APRONS, ROADWAYS OR PARKING LOTS MUST BE CLOSED, TO MINIMIZE THE LENGTH OF TIME THAT AIRPORT OPERATIONS ARE RESTRICTED.

AT THE PRE-CONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL PROVIDE A CONTRACTOR COORDINATION PLAN THAT COORDINATES HIS WORK WITH THE WORK OF HIS SUBCONTRACTORS AND THE WORK OF OTHER CONTRACTORS OF OTHER ON-GOING AIRPORT PROJECTS.

RUNWAY CLOSURE

THIS PROJECT WILL REQUIRE THE TEMPORARY CLOSURE OF RUNWAY 13-31, SEE PHASING PLANS ON SHEETS 6-8 AND DETAIL C ON THIS SHEET. TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS ASSOCIATED WITH THE RUNWAY CLOSURE, CONSTRUCTION WORK MUST BE COMPLETED EXPEDITIOUSLY. RUNWAY CLOSINGS SHALL ONLY BE PERMITTED BY PRIOR AUTHORIZATION OF THE RESIDENT ENGINEER AND THE AIRPORT OWNER.

THE CONTRACTOR WILL PROVIDE, INSTALL, MAINTAIN AND REMOVE RUNWAY CLOSURE MARKERS AS DETAILED ON THIS SHEET AND IN THE SPECIAL PROVISIONS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INSTALL, RELOCATE AND MAINTAIN RUNWAY CLOSURE MARKERS AT THE LOCATIONS SHOWN IN THE PLAN, AND AS DIRECTED BY THE RESIDENT ENGINEER AND AIRPORT OWNER. THE COST OF PLACING AND RELOCATING THESE ITEMS, AND THEIR OPERATION AND MAINTENANCE, IS TO BE PAID UNDER ITEM AR150530 TRAFFIC MAINTENANCE. OWNERSHIP OF MARKERS SHALL REMAIN WITH THE CONTRACTOR AFTER FINAL ACCEPTANCE OF THE WORK.

THE AIRPORT OWNER WILL DE-ENERGIZE AIRPORT/RUNWAY NAVAIDS, AND AIRFIELD LIGHTING POWER AND CONTROL CIRCUITS WHEN THE RUNWAY IS CLOSED.

TEMPORARY BARRICADES

THE CONTRACTOR SHALL FURNISH BARRICADES FOR ANY AIRFIELD OR ROADWAY PAVEMENT TO BE CLOSED BY HIS WORK. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, PLACE AND MAINTAIN BARRICADES AS SHOWN IN DETAIL B, THIS SHEET, AND AS DIRECTED BY THE RESIDENT ENGINEER AND AIRPORT DIRECTOR. THE COST OF THESE ITEMS, AND THEIR MAINTENANCE, IS TO BE PAID FOR UNDER AR150530 TRAFFIC MAINTENANCE. ANY WORK THAT REQUIRES PORTIONS OF AN ACTIVE RUNWAY, TAXIWAY OR APRON TO BE CLOSED MUST BE COMPLETED EXPEDITIOUSLY TO MINIMIZE DISRUPTION TO AIRCRAFT OPERATIONS.

VEHICULAR TRAFFIC CONTROL

THE CONTRACTOR SHALL ERECT AND MAINTAIN, AT NO COST TO THE CONTRACT, DIRECTIONAL AND INFORMATIONAL SIGNS FOR THE CONTRACTOR'S ACCESS ROUTES AT THE EXISTING CONSTRUCTION ENTRANCES AND FOR THE CONTRACTOR'S ROUTE WITHIN THE AIRPORT OPERATIONS AREA, AS NOTED ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER. WHERE CONTRACTOR EQUIPMENT IS OPERATING WITHIN ACTIVE AIRCRAFT OPERATIONS AREAS, RADIO-EQUIPPED FLAGGERS SHALL BE FURNISHED BY THE CONTRACTOR. CONTINUOUS PAVEMENT SWEEPING SHALL BE FURNISHED TO REMOVE DEBRIS FROM ACTIVE AIRCRAFT MOVEMENT PATHS. THE COST OF TRAFFIC CONTROL/FLAGGERS AND PAVEMENT SWEEPING SHALL BE PAID UNDER ITEM AR150530 TRAFFIC MAINTENANCE.

AIRFIELD OPERATIONAL SAFETY DURING CONSTRUCTION

THE CONTRACTOR SHALL NOT HAVE ACCESS TO ANY PART OF THE ACTIVE AIRFIELD (RUNWAYS, TAXIWAYS OR APRONS) FOR ANY EQUIPMENT OR PERSONNEL WITHOUT THE APPROVAL OF THE RESIDENT ENGINEER AND THE AIRPORT OWNER. ACTIVITIES WITHIN THE AIRPORT OPERATIONS AREA (AOA) ARE SUBJECT TO FEDERAL ACCESS CONTROL. BECAUSE OF THE HIGH REQUIREMENTS FOR AIRPORT SECURITY AND SAFETY, THE FOLLOWING REQUIREMENTS MUST BE ADHERED TO:

- ALL EMPLOYEES OF THE CONTRACTOR SHALL PARK THEIR PERSONAL VEHICLES IN THE DESIGNATED EQUIPMENT PARKING AND STORAGE AREA. EACH PERSON OR VEHICLE ENTERING THE CONTRACTOR AREA SHALL DO SO IN ACCORDANCE WITH THE POLICIES AND PROCEDURES OF THE AIRPORT OWNER. THE CONTRACTOR WILL TRANSPORT THE WORKERS FROM THE PARKING AREAS TO THE WORK AREA. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE OF THE PROPOSED EQUIPMENT STORAGE AND PARKING AREAS.
- SHOULD ANY CONTRACTOR PERSONNEL BE IDENTIFIED AS NONCOMPLIANT WITH ANY VEHICLE DRIVING SAFETY REQUIREMENTS IN THIS PROJECT SAFETY PLAN OR IN THE AIRPORT VEHICLE OPERATIONS REGULATIONS, SUCH DRIVERS SHALL BE PENALIZED BY RESCISSION OF THEIR ON-AIRPORT DRIVING PRIVILEGES, AND THEIR ACCESS TO THE CONSTRUCTION LIMIT AREA WHEN OPERATING VEHICLES SHALL BE REVOKED.
- THE CONTRACTOR WILL BE REQUIRED TO BE IN CONTACT WITH AIRPORT OPERATIONS. THIS WILL KEEP THE CONTRACTOR IN CONTACT WITH AIRPORT PERSONNEL AND ENABLE THE AIRPORT PERSONNEL TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTICAL EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

THE CONTRACTOR SHALL REMAIN WITHIN THE CONSTRUCTION LIMITS LINE SHOWN IN THE PLANS. WHEN OUTSIDE THESE LIMITS, ALL CONTRACTOR ACTIVITIES SHALL REMAIN MORE THAN 250 FEET FROM THE CENTERLINE AND 300 FEET FROM THE END OF ACTIVE RUNWAY 13-31 AND 125 FEET FROM THE CENTERLINE AND 240 FEET FROM THE END OF RUNWAY 18-36. FOR WORK NEAR TAXIWAYS AND APRONS, THE CONTRACTOR'S PERSONNEL AND EQUIPMENT MUST REMAIN AT LEAST 44.5 FEET FROM CENTERLINE OF ACTIVE CATEGORY I TAXIWAYS, 65.5 FEET FROM ACTIVE CATEGORY II TAXIWAYS, AND TEN (10) FEET FROM ACTIVE APRONS. WHEN CONSTRUCTION OPERATIONS MUST BE CONDUCTED WITHIN THESE SEPARATIONS, THE PAVEMENT MUST BE CLOSED TO AIRCRAFT ACTIVITY BY THE CONTRACTOR BY PROVIDING TEMPORARY BARRICADES AS SHOWN IN THE PLANS, AND IN THE CASE OF RUNWAY PAVEMENTS, CLOSED RUNWAY MARKERS. WHEN HAUL VEHICLES ARE PERMITTED TO CROSS ACTIVE AIRFIELD PAVEMENTS, THE CONTRACTOR WILL PROVIDE POSITIVE CONTROL OF CONSTRUCTION VEHICLES USING RADIO-EQUIPPED FLAGGERS. CONTRACTOR SHALL ESTABLISH AND MAINTAIN RADIO CONTACT WITH MARSHALL COUNTY AIRPORT CTAF/UNICOM (122.8 MHz). ALL CONTRACTOR'S EQUIPMENT USED IN ACTIVE AIRPORT OPERATIONS AREAS SHALL BE EQUIPPED WITH A FAA-STANDARD FLAG, AS REFERENCED IN FAA AC 150/5370-2, CURRENT ISSUE. AIRCRAFT SHALL HAVE THE RIGHT-OF-WAY.

NO CLOSURE OF ANY RUNWAY WILL BE PERMITTED FOR THIS PROJECT, EXCEPT AS SHOWN IN THE PHASING PLANS.

THE CONTRACTOR SHALL KEEP ALL OF HIS EQUIPMENT AND PERSONNEL AT LEAST 15 FEET FROM THE EDGE OF ANY ACTIVE ROADWAY OR AUTO PARKING PAVEMENT. WHEN HIS ACTIVITIES REQUIRE WORKING WITHIN 15 FEET OF THE ROAD/PAVEMENT EDGE, THE CONTRACTOR SHALL PROVIDE FOR TRAFFIC CONTROL IN ACCORDANCE WITH IDOT SPECIFICATIONS (HIGHWAY STANDARDS).

OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIAL AT THE CONSTRUCTION SITE SHALL BE DELINEATED WITH THE USE OF BARRICADES DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS. NO OPEN TRENCHES SHALL BE ALLOWED WITHIN THE RUNWAY SAFETY AREA (RSA) OR THE TAXIWAY SAFETY AREA (TSA) WHEN THE RUNWAY OR TAXIWAY IS OPEN TO AIR TRAFFIC (INCLUDING OVERNIGHT). THE RSA IS DEFINED AS 75 FEET FROM THE CENTERLINE AND 300 FEET FROM THE END OF RUNWAY 13-31 AND 60 FEET FROM THE CENTERLINE AND 240 FEET FROM THE END OF RUNWAY 18-36. THE TSA IS MEASURED AT 24.5 FEET FROM THE CATEGORY I TAXIWAY CENTERLINE, AND 39.5 FEET FROM THE CATEGORY II TAXIWAY CENTERLINE, AND 59 FEET FROM THE CATEGORY III TAXIWAY CENTERLINE. NO VERTICAL CLOSURE OF GREATER THAN 3-INCHES IN HEIGHT FROM PAVEMENT EDGE TO EARTH GRADE OR EARTH GRADE TO EARTH GRADE WITHIN THE RSA OR TSA WILL BE PERMITTED WHEN THE RUNWAY OR TAXIWAY IS OPEN TO AIR TRAFFIC. THE CONTRACTOR WILL HAVE STEEL PLATES ON-SITE TO ALLOW FOR THE RAPID COVERING OF TRENCHES OR EARTH DROPS IN THE EVENT OF UNEXPECTED WORK STOPPAGES FOR WEATHER OR AIRPORT EMERGENCIES.

WHEN NOT IN USE AND DURING NONWORKING HOURS, CONTRACTOR'S EQUIPMENT SHALL BE PARKED WITHIN THE CONTRACTOR'S EQUIPMENT STORAGE AND PARKING AREAS. THE EQUIPMENT STORAGE AND PARKING AREAS ARE TO BE LOCATED AS SHOWN ON THE PHASING PLAN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION ENTRANCES IN GOOD CONDITION. THE COST OF MAINTAINING THE CONSTRUCTION ENTRANCE AND CONTRACTOR AREAS IS TO BE INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL PROTECT ALL EXISTING PAVEMENT EDGES FROM DAMAGE FROM CONSTRUCTION EQUIPMENT AND HAUL VEHICLES.

AT NO TIME SHALL THE CONTRACTOR CONDUCT ANY ACTIVITIES OR OPERATE OR PARK EQUIPMENT SO AS TO OBSTRUCT ACTIVE PART 77 AIRPORT IMAGINARY SURFACES OR THE RUNWAY PROTECTION ZONES (RPZ) AS DELINEATED IN THE PLANS. CONTRACTOR'S EQUIPMENT SHALL EXTEND NO HIGHER THAN 20 FEET. CRANES SHALL NOT BE USED DURING INSTRUMENT WEATHER CONDITIONS OR AT NIGHT. CRANES SHALL BE LOWERED WHEN NOT IN USE.

BEFORE REOPENING TEMPORARILY CLOSED PAVEMENTS, THE CONTRACTOR SHALL INSPECT AND CLEAN, AS NECESSARY, THE PAVEMENT TO ASSURE THAT NO MATERIALS OR OBJECTS THAT MAY DAMAGE AIRCRAFT OR VEHICLES REMAIN. ANY REQUIRED CLEANING SHALL BE TO THE SATISFACTION OF THE RESIDENT ENGINEER AND AIRPORT OWNER AND IS INCIDENTAL TO THE CONTRACT.

ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPROVED PROJECT SAFETY PLAN, ISSUED BY THE ILLINOIS DIVISION OF AERONAUTICS.

FAILURE TO USE THESE PRESCRIBED PROCEDURES OR ADHERE TO THE SAFETY REQUIREMENTS WILL RESULT IN THE SUSPENSION OF WORK.

NOTIFICATIONS BY CONTRACTOR

THE CONTRACTOR MUST NOTIFY THE RESIDENT ENGINEER AND THE AIRPORT OWNER 3 DAYS IN ADVANCE OF ANY REQUIRED PARTIAL OR COMPLETE CLOSING OF ANY RUNWAY, TAXIWAY OR APRON. THE DATE, TIME AND SCHEDULED DURATION OF THE CLOSING MUST BE APPROVED BY THE RESIDENT ENGINEER AND THE AIRPORT OWNER. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AND AIRPORT OWNER 3 DAYS IN ADVANCE OF THE CONTRACTOR'S CLOSING OF OTHER ACTIVE ROADWAYS, AIRFIELD OR ROADWAY LIGHTING CIRCUITS, OR OTHER AIRPORT FACILITIES.

CONTRACTOR'S USE OF SITE

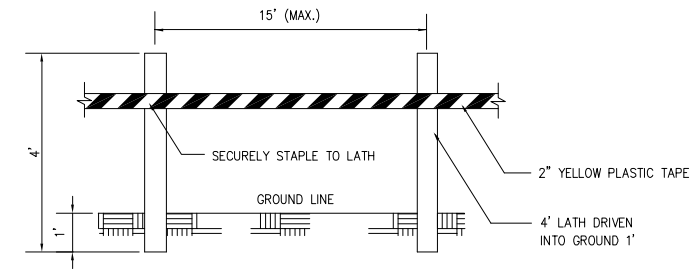
CONTRACTOR'S ACCESS TO THE PROJECT WHEN ON AIRPORT PROPERTY IS SHOWN IN THE PLANS. CONTRACTOR'S ACCESS TO THE AIRPORT ITSELF IS TO BE PROVIDED BY PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR IS TO SECURE ALL NECESSARY PERMITS FOR THE USE OF ANY PUBLIC RIGHTS-OF-WAY AND IS TO MAINTAIN TRAFFIC ON THESE PUBLIC ROADS AT ALL TIMES, WITH THE COSTS OF PERMITTING, CLEANING AND REPAIRING OF PAVEMENT DAMAGED BY CONTRACTOR'S ACTIVITIES INCIDENTAL TO THE CONTRACT. USE OF AND REPAIRS TO ANY PUBLIC FACILITIES ARE TO BE COMPLETED TO THE SATISFACTION OF THE FACILITY'S OWNER.

THE CONTRACTOR IS TO PROVIDE TEMPORARY CONSTRUCTION ROADS WITHIN THE CONSTRUCTION LIMIT LINES AS MAY BE REQUIRED BY HIS ACTIVITIES. HEAVY VEHICLES SHALL NOT CROSS EXISTING PAVEMENT SURFACES EXCEPT AS APPROVED BY THE AIRPORT OWNER AND THE RESIDENT ENGINEER. ANY DAMAGE TO PAVEMENTS THAT MAY OCCUR BY THE CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE AIRPORT OWNER AND THE RESIDENT ENGINEER. FOR HAUL ROUTES MADE BY CONTRACTOR THROUGH GRASSSED AREAS, CONTRACTOR SHALL GRADE, LEVEL, TOPSOIL, SEED AND MULCH AT THE END OF THE PROJECT, COST INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR IS TO PROVIDE AN EQUIPMENT STORAGE AND PARKING AREA AT THE LOCATIONS SHOWN IN THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE ACCESS ROADS AND THE STORAGE AREA DURING CONSTRUCTION AND TO RESTORE THE AREAS AT PROJECT COMPLETION TO CONDITIONS SUITABLE TO THE AIRPORT OWNER AND THE RESIDENT ENGINEER. AT THE AIRPORT OWNER'S DISCRETION, THE TEMPORARY FACILITIES MAY REMAIN, BUT THEY MUST BE LEFT IN CONDITIONS SUITABLE TO THE AIRPORT OWNER. THE COST OF PROVIDING, MAINTAINING AND RESTORING THE TEMPORARY FACILITIES IS INCIDENTAL TO THE CONTRACT.

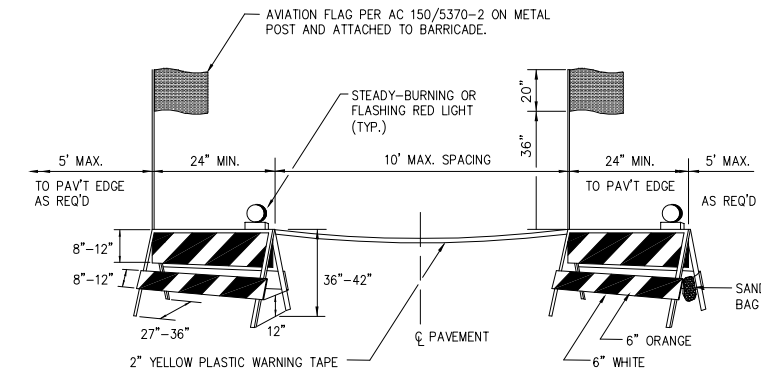
UTILITY OUTAGES AND SHUTDOWNS

THE CONTRACTOR SHALL PROVIDE 3 DAYS PRIOR NOTICE OF ANY OUTAGES OR SHUTDOWNS TO THE OWNER AND THE AGENCY OWNING THE AFFECTED UTILITY. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY CONNECTIONS OR OTHER MEASURES AS MAY BE REQUIRED TO MAINTAIN SERVICE AS MAY BE REQUIRED BY THE OWNING AGENCY AT NO COST TO THE OWNER.



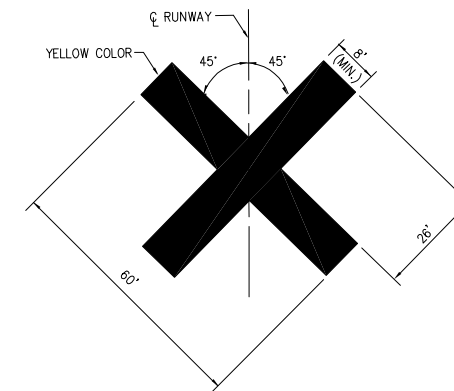
MATERIALS ARE TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION. COST OF MATERIALS, INSTALLATION, RELOCATION AND MAINTENANCE OF LATHING AND WARNING TAPE IS TO BE INCIDENTAL TO THE CONTRACT.

**DETAIL A  
LATHING AND WARNING TAPE**



BARRICADES ARE TO BE OF IDOT TYPE II. A STEADY-BURNING OR FLASHING RED LIGHT FACING PASSING TRAFFIC IS TO BE MOUNTED ABOVE THE TOP OF EACH BARRICADE FRAME. THE BARRICADE IS TO BE STABILIZED FROM WIND BY SANDBAGS PLACED ON THE FRAME OR OTHER METHODS APPROVED BY THE RESIDENT ENGINEER. NO PART OF THE REFLECTORIZED PORTION OF THE BARRICADE IS TO BE OBSTRUCTED IN ANY MANNER. COST OF FURNISHING, INSTALLING, RELOCATING, MAINTAINING AND REMOVING BARRICADES IS TO BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.

**DETAIL B  
STANDARD PAVEMENT BARRICADES**



NOTES

- VINYL MARKERS SHALL BE FURNISHED BY THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS FOR INSTALLING, RELOCATING AND MAINTAINING THE MARKERS, WHOSE COST SHALL BE PAID UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
- CONTRACTOR SHALL LOCATE THE MARKERS ON TOP OF THE RUNWAY NUMERALS DURING CLOSURE OF THE RUNWAY.
- MARKERS TO BE SECURED BY CONTRACTOR AS RECOMMENDED BY THE MANUFACTURER.

**DETAIL C  
RUNWAY CLOSURE MARKERS**

DETAILS SHOWN ARE NOT TO SCALE



Offices Nationwide  
www.hanson-inc.com

Hanson Professional Services Inc.  
1525 S. 6th Street  
Springfield, IL 62703  
phone: 217-788-2450  
fax: 217-788-2503

Illinois Licensed  
Professional Service Corporation  
#184-001084



Marshall County Airport  
1315 Illinois 17  
Lacon, Illinois 61540  
phone: 309-246-2870

REHABILITATE TAXIWAY  
C1 AND C2

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

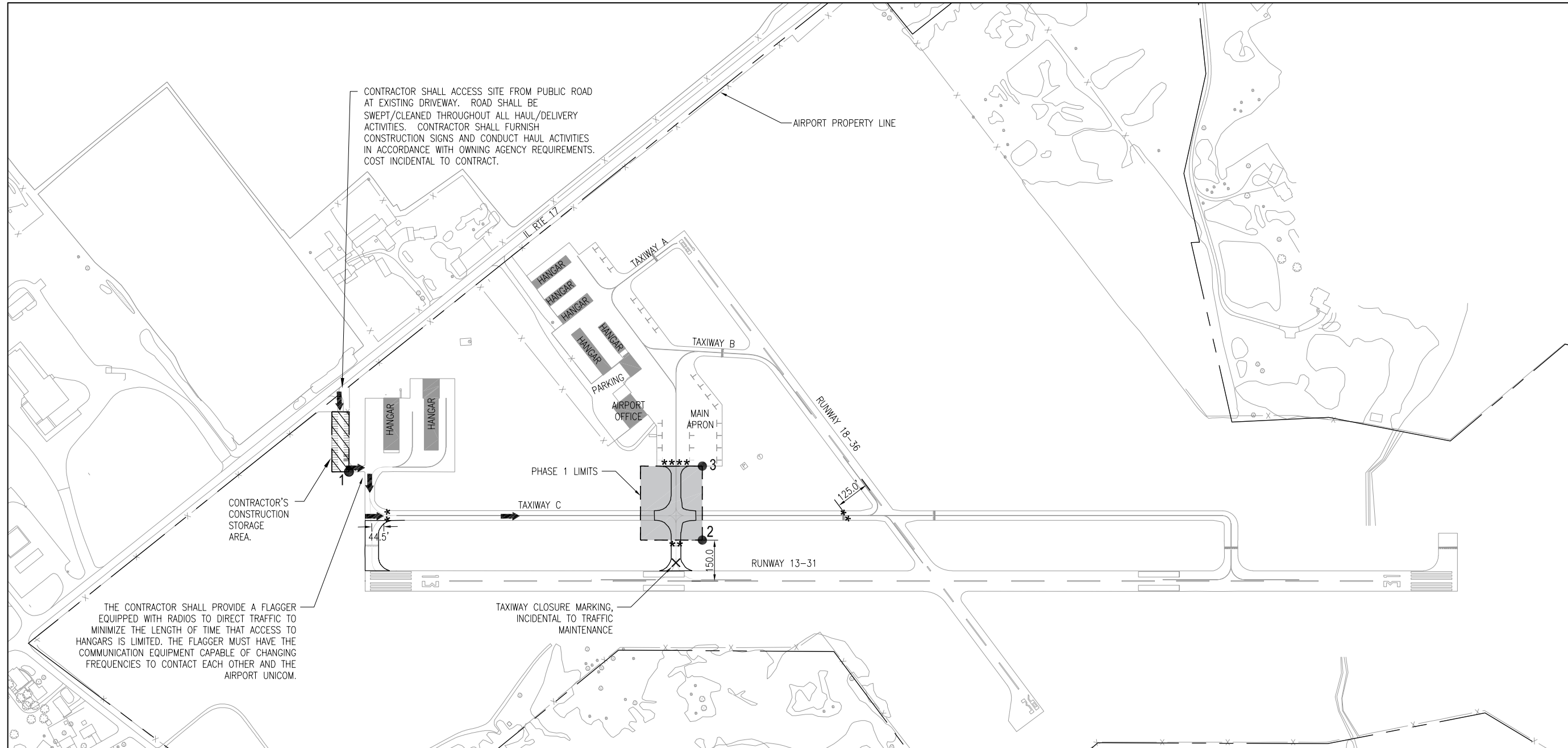
Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 05-SAFETYNOTES.DWG  
DESIGN BY: LDH 06/18/2018  
DRAWN BY: LDH 06/18/2018  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

CONSTRUCTION  
SAFETY NOTES  
AND DETAILS



**REHABILITATE TAXIWAY C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030


NO.	DATE	DESCRIPTION		
		DES	DWN	REV
ISSUE: NOVEMBER 16, 2018				
PROJECT NO: 18A0005				
CAD FILE: 06-PHASE 1.DWG				
DESIGN BY: LDH 06/26/2018				
DRAWN BY: LDH 06/26/2018				
REVIEWED BY: KMS 10/14/18				

SHEET TITLE

**PHASING PLAN PHASE 1**

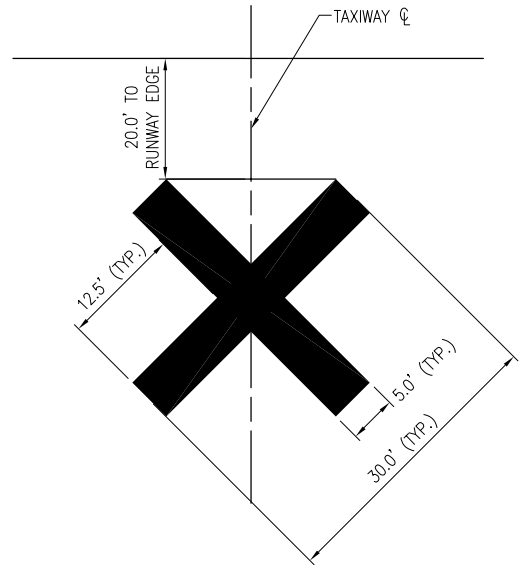
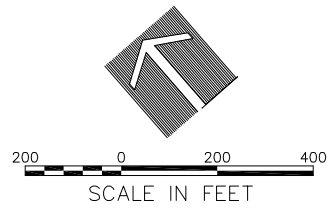
**NOTES**

- ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
- ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 20 FEET UNLESS PRIOR APPROVAL IS GIVEN BY THE ENGINEER (SEE SPECIAL PROVISIONS).
- CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 13-31 OR RUNWAY 18-36 AT ANY TIME.
- TRAFFIC TO BE MAINTAINED ON AIRPORT ROADWAYS AT ALL TIMES.
- SEE CONSTRUCTION SITE PLAN ON SHEET 3 AND SAFETY NOTES ON SHEET 4.

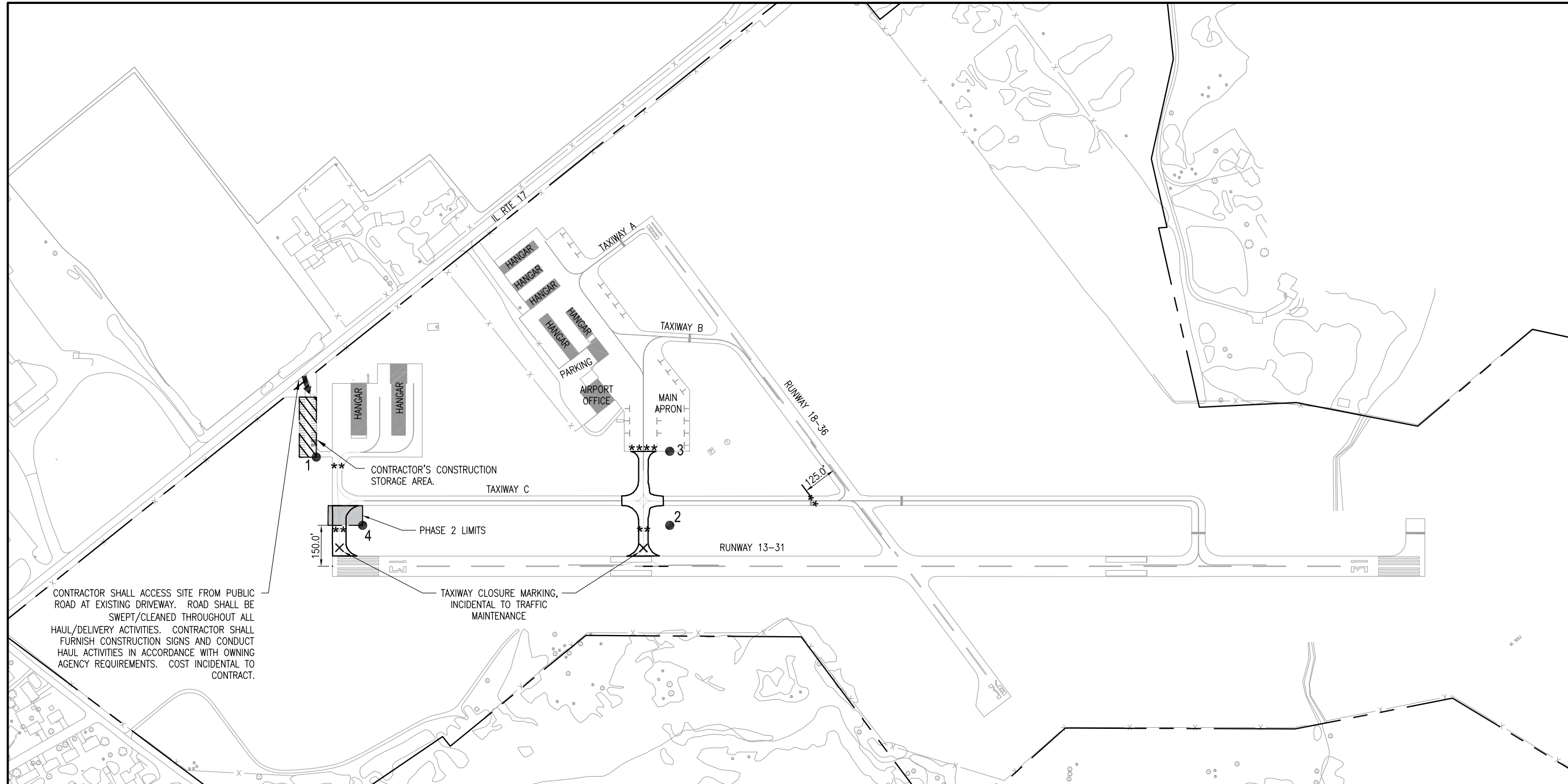
THE FOLLOWING ITEMS ARE TO BE COMPLETED IN PHASE 1:

- INSTALLATION OF SOIL EROSION CONTROL MEASURES FOR ENTIRE PROJECT AREA.
- MILLING OF PAVEMENTS WITHIN THE PHASE 1 LIMITS.
- CRACK REPAIR WITHIN PHASE 1 LIMITS.

\*\*\*\*\* STANDARD PAVEMENT BARRICADES



CLOSED TAXIWAY MARKING DETAIL



CONTRACTOR SHALL ACCESS SITE FROM PUBLIC ROAD AT EXISTING DRIVEWAY. ROAD SHALL BE SWEEP/CLEANED THROUGHOUT ALL HAUL/DELIVERY ACTIVITIES. CONTRACTOR SHALL FURNISH CONSTRUCTION SIGNS AND CONDUCT HAUL ACTIVITIES IN ACCORDANCE WITH OWNING AGENCY REQUIREMENTS. COST INCIDENTAL TO CONTRACT.

CONTRACTOR'S CONSTRUCTION STORAGE AREA

PHASE 2 LIMITS

TAXIWAY CLOSURE MARKING, INCIDENTAL TO TRAFFIC MAINTENANCE

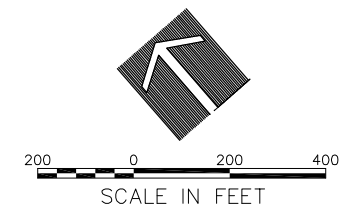
**NOTES**

1. ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
2. ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 20 FEET UNLESS PRIOR APPROVAL IS GIVEN BY THE ENGINEER (SEE SPECIAL PROVISIONS).
3. CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 13-31 OR RUNWAY 18-36 AT ANY TIME.
4. TRAFFIC TO BE MAINTAINED ON AIRPORT ROADWAYS AT ALL TIMES.
5. SEE CONSTRUCTION SITE PLAN ON SHEET 3 AND SAFETY NOTES ON SHEET 4.

**THE FOLLOWING ITEMS ARE TO BE COMPLETED IN PHASE 2:**

1. MILLING OF PAVEMENTS WITHIN THE PHASE 2 LIMITS.
2. CRACK REPAIR WITHIN PHASE 2 LIMITS.

\*\*\*\*\* STANDARD PAVEMENT BARRICADES



**REHABILITATE TAXIWAY C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

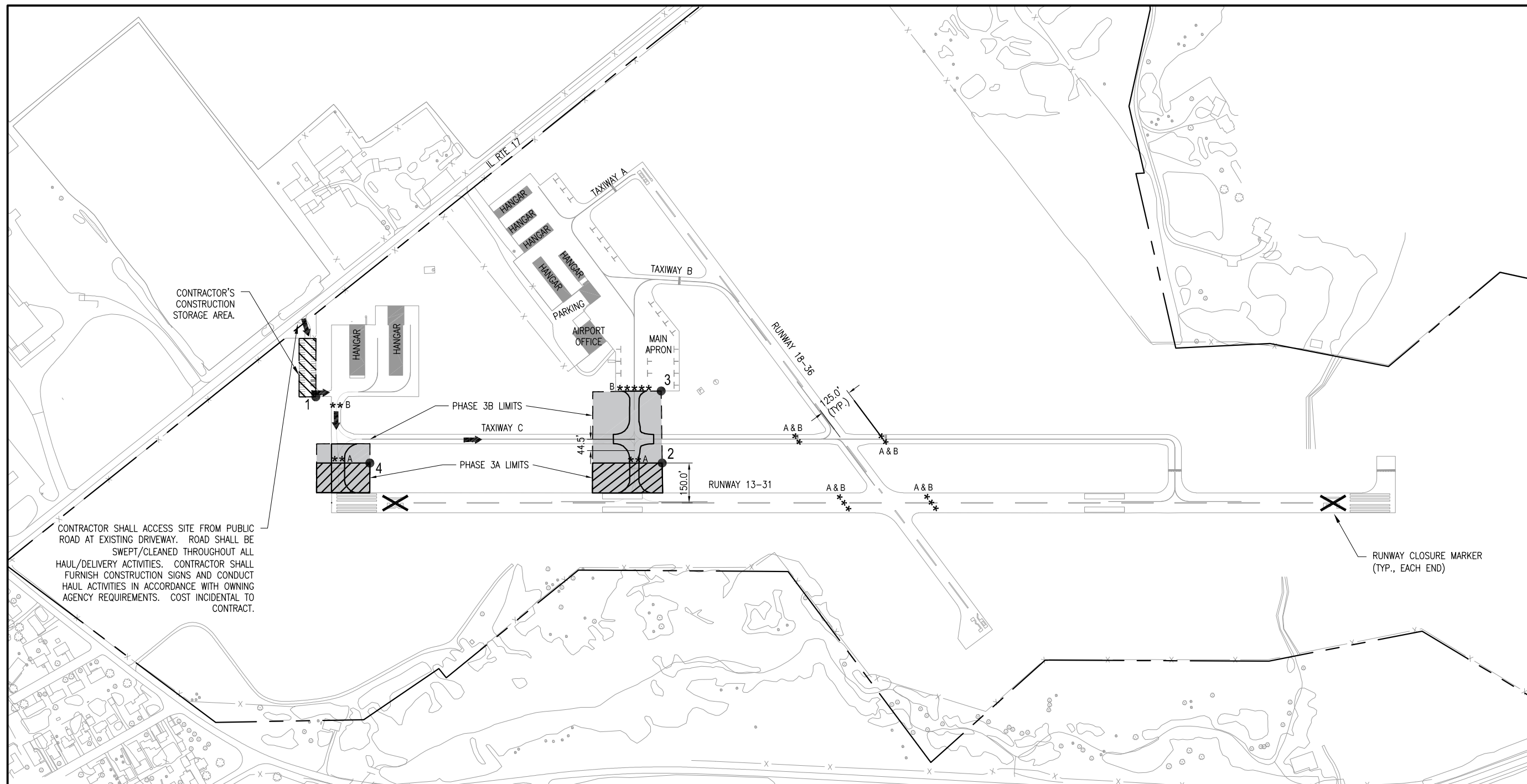
Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 07-PHASE 2.DWG  
DESIGN BY: LDH 06/26/2018  
DRAWN BY: LDH 06/26/2018  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

**PHASING PLAN  
PHASE 2**



CONTRACTOR'S  
CONSTRUCTION  
STORAGE AREA.

CONTRACTOR SHALL ACCESS SITE FROM PUBLIC ROAD AT EXISTING DRIVEWAY. ROAD SHALL BE SWEEP/CLEANED THROUGHOUT ALL HAUL/DELIVERY ACTIVITIES. CONTRACTOR SHALL FURNISH CONSTRUCTION SIGNS AND CONDUCT HAUL ACTIVITIES IN ACCORDANCE WITH OWNING AGENCY REQUIREMENTS. COST INCIDENTAL TO CONTRACT.

**NOTES**

1. ALL CONTRACTOR ACTIVITIES SHALL TAKE PLACE WITHIN CONSTRUCTION LIMIT LINES AS SHOWN.
2. ALL CONSTRUCTION EQUIPMENT WILL BE LIMITED TO A HEIGHT OF 20 FEET UNLESS PRIOR APPROVAL IS GIVEN BY THE ENGINEER (SEE SPECIAL PROVISIONS).
3. CONTRACTOR'S EQUIPMENT MAY NOT DISRUPT FLIGHT OPERATIONS ON RUNWAY 18-36 AT ANY TIME.
4. RUNWAY 13-31 WILL BE CLOSED DURING PHASE 3. WORK IN PHASE 3 SHALL BE COMPLETE EXPEDITIOUSLY TO MINIMIZE THE IMPACT TO AIRPORT USERS AND TENANTS.
5. TRAFFIC TO BE MAINTAINED ON AIRPORT ROADWAYS AT ALL TIMES.
6. SEE CONSTRUCTION SITE PLAN ON SHEET 3 AND SAFETY NOTES ON SHEET 4.

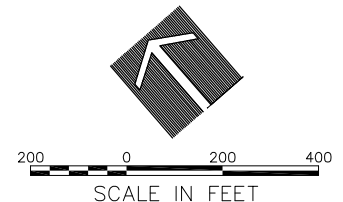
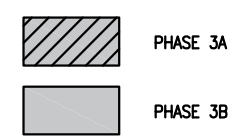
**THE FOLLOWING ITEMS ARE TO BE COMPLETED IN PHASE 3A:**

1. MILLING OF PAVEMENTS WITHIN THE PHASE 3A LIMITS.
2. CRACK REPAIR WITHIN PHASE 3A LIMITS.

**THE FOLLOWING ITEMS ARE TO BE COMPLETED IN PHASE 3B:**

1. PLACEMENT OF SURFACE COURSE WITHIN PHASE 3B LIMITS.
2. INSTALLATION OF PAVEMENT MARKINGS WITHIN PHASE 3B LIMITS.
3. SHOULDER ADJUSTMENT, SEEDING AND MULCHING WITHIN PHASE 3B LIMITS.

\*\*\*\* STANDARD PAVEMENT BARRICADES



RUNWAY CLOSURE MARKER  
(TYP., EACH END)

**REHABILITATE TAXIWAY  
C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

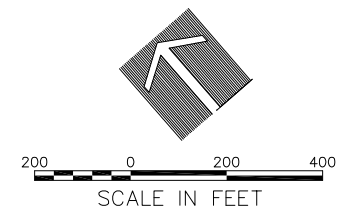
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 08-PHASE 3.DWG  
DESIGN BY: LDH 06/26/2018  
DRAWN BY: LDH 06/26/2018  
REVIEWED BY: KMS 10/14/18

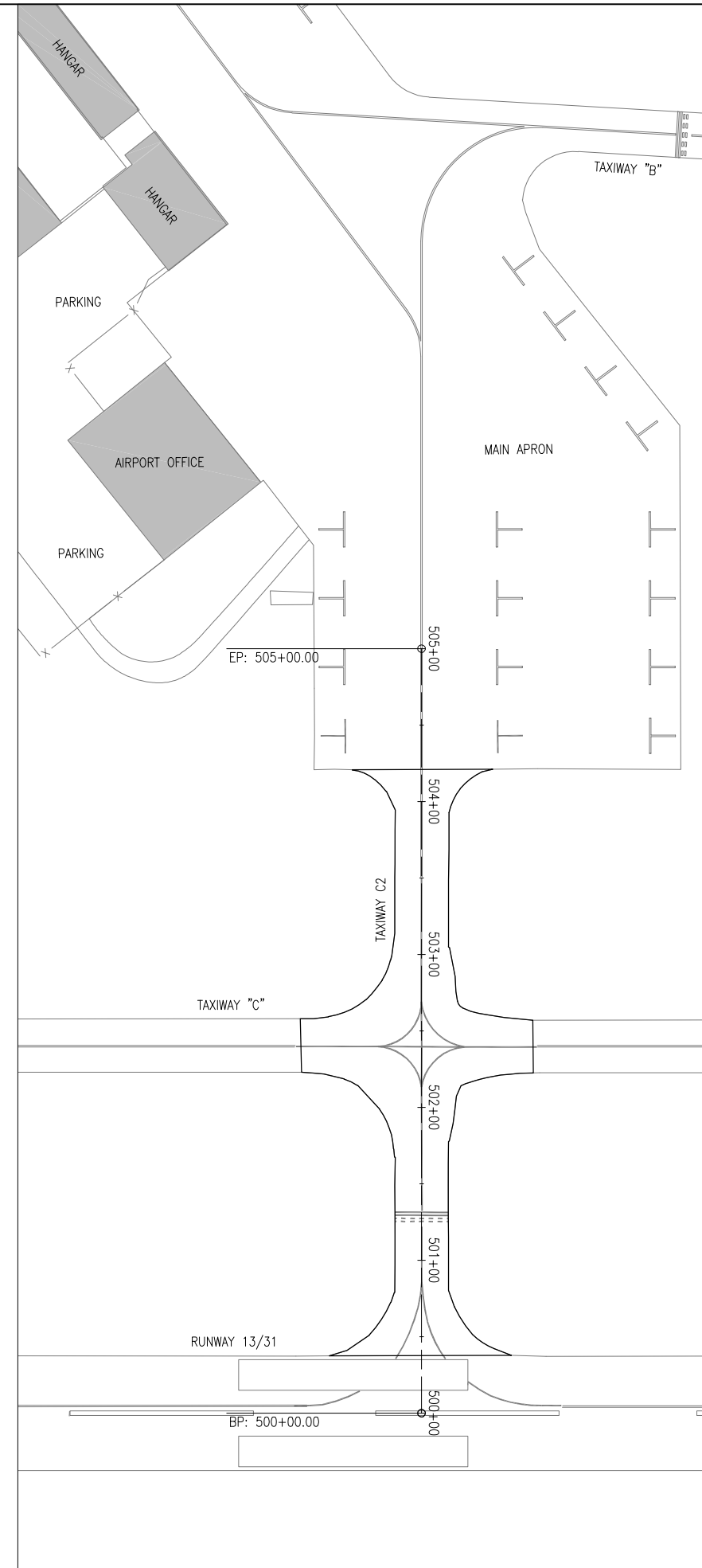
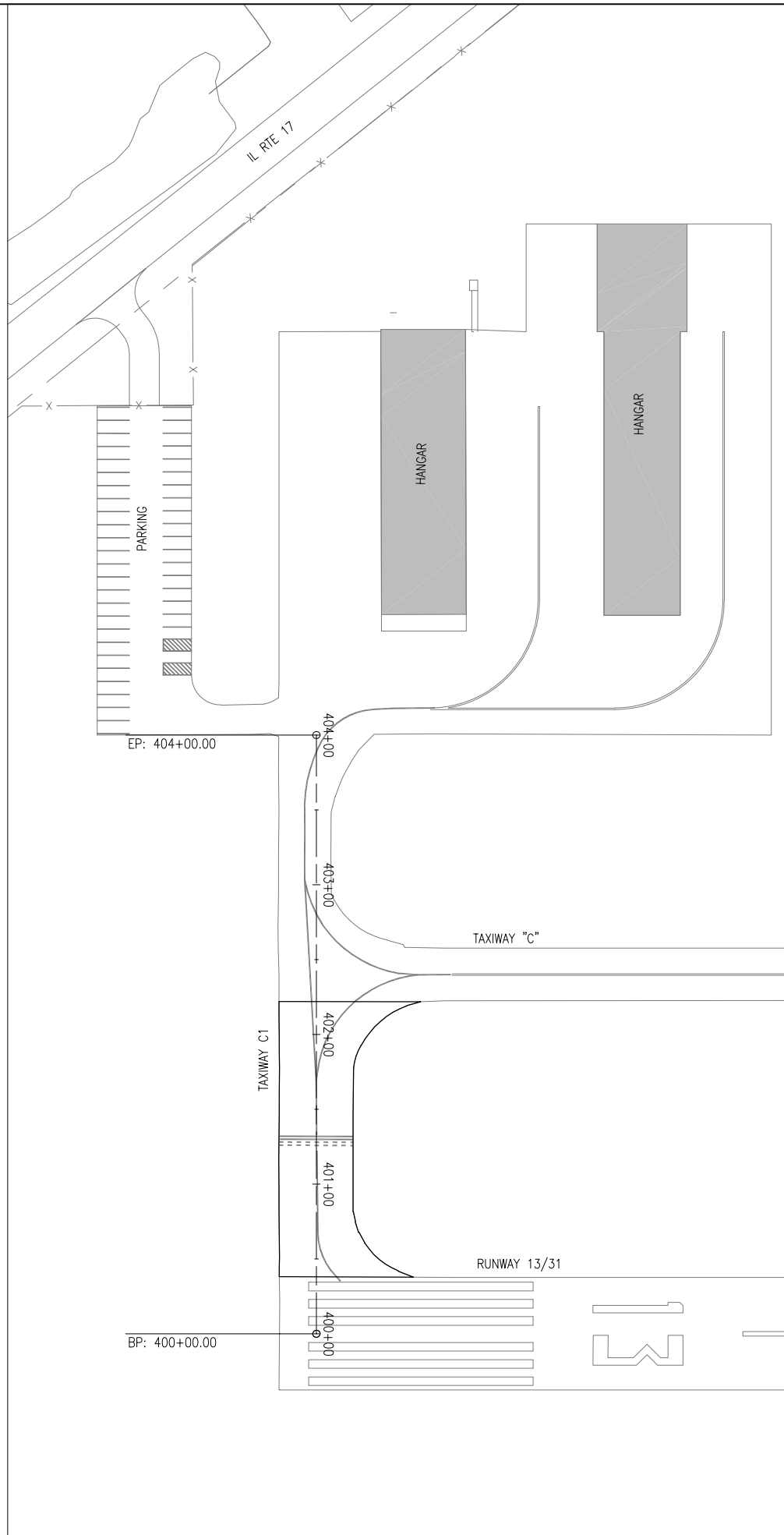
SHEET TITLE

**PHASING PLAN  
PHASE 3**





ALIGNMENT	DESCRIPTION	STATION	PROJECT COORDINATES	
			NORTHING	EASTING
TAXIWAY C1	Beginning of Alignment	400+00	1587041.210	2510469.835
	End of Alignment	404+00	1587357.968	2510714.098
TAXIWAY C2	Beginning of Alignment	500+00	1586360.472	2511352.611
	End of Alignment	505+00	1586756.419	2511657.940



**REHABILITATE TAXIWAY C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

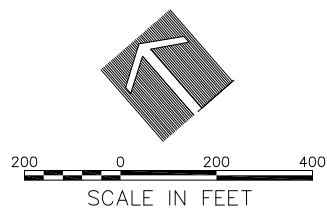
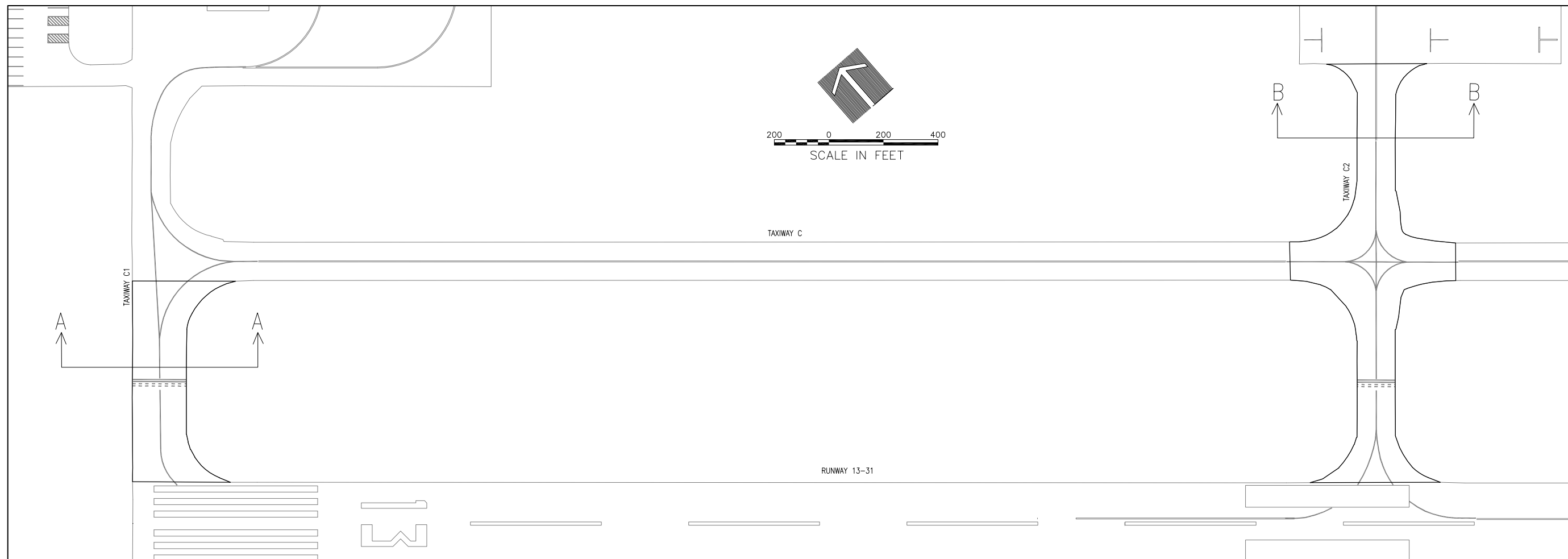
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 09-ALIGN.DWG  
DESIGN BY: LDH 06/18/2018  
DRAWN BY: LDH 06/18/2018  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

**ALIGNMENT DATA TABLE**

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REHABILITATE TAXIWAY C1 AND C2

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

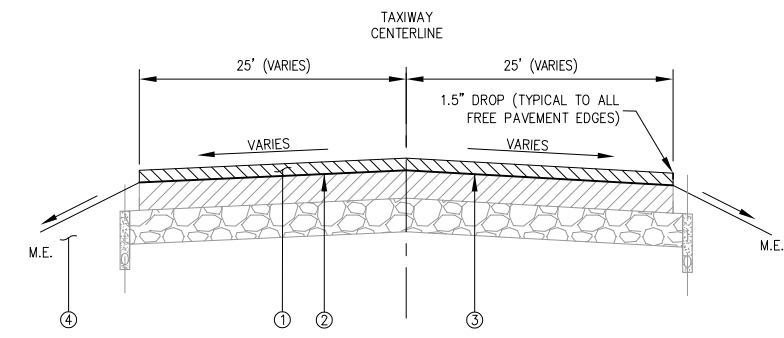
Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 10-TYPICALSECTION.DWG  
DESIGN BY: LDH 06/18/2018  
DRAWN BY: LDH 06/18/2018  
REVIEWED BY: KMS 10/14/18

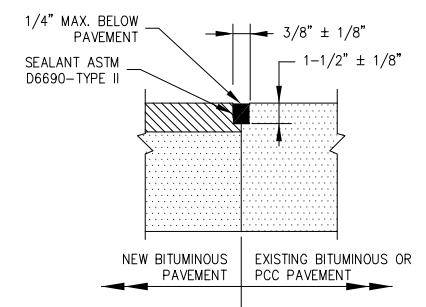
SHEET TITLE

TYPICAL SECTION AND PAVEMENT DETAILS



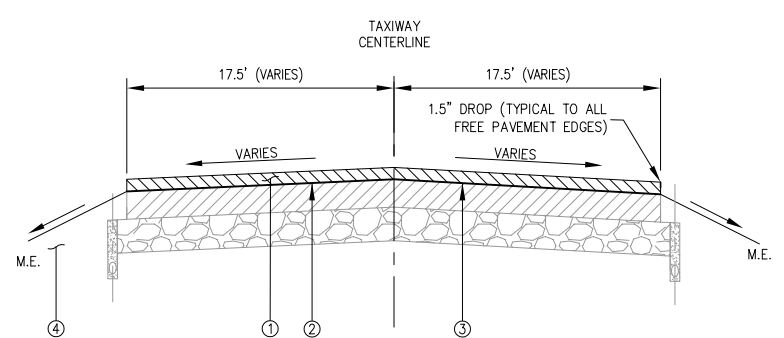
TYPICAL SECTION A-A - TAXIWAY C1

- ① PROPOSED 2.0 INCH MILLING AND VARIABLE DEPTH BITUMINOUS SURFACE COURSE, ITEM AR401650 AND AR401613
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ③ PROPOSED CRACK CONTROL FABRIC, ITEM AR201670
- ④ PROPOSED SHOULDER ADJUSTMENT, ITEM AR152480



NOTE:  
ALL BITUMINOUS/BITUMINOUS JOINT SEALING TO BE PAID UNDER SAW AND SEAL BITUMINOUS JOINTS, ITEM AR401660.

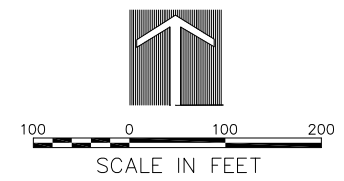
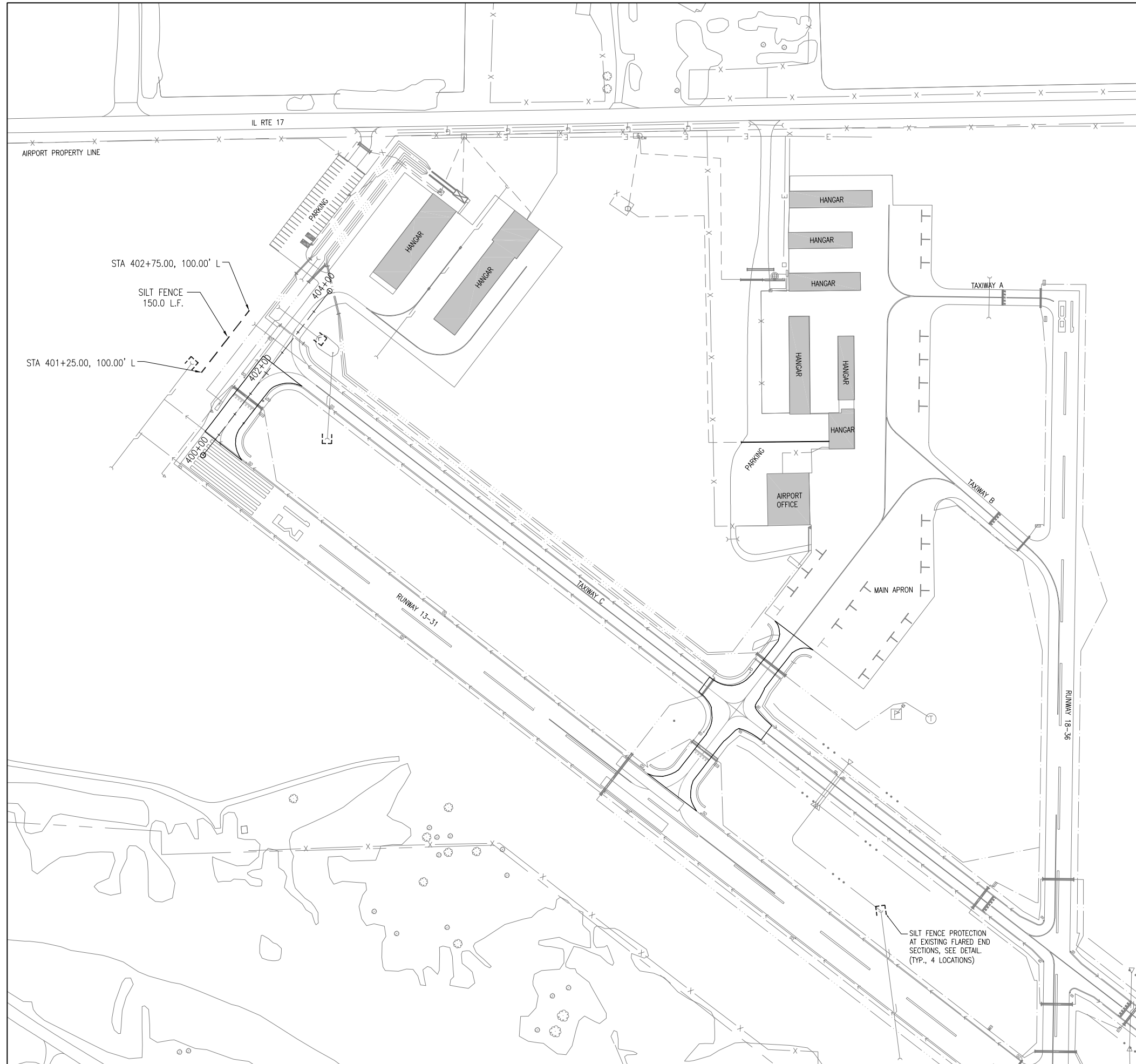
BITUMINOUS/BITUMINOUS SEAL



TYPICAL SECTION B-B - TAXIWAY C2

- ① PROPOSED 2.0 INCH NOMINAL DEPTH MILLING AND 2.0 INCH BITUMINOUS SURFACE COURSE, ITEM AR401650 AND AR401613
- ② PROPOSED BITUMINOUS TACK COAT, ITEM AR603510
- ③ PROPOSED CRACK CONTROL FABRIC, ITEM AR201670
- ④ PROPOSED SHOULDER ADJUSTMENT, ITEM AR152480

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- LEGEND:**
- SILT FENCE AT FES
  - SILT FENCE

**CONTRACTOR'S CERTIFICATION STATEMENT**

THIS CERTIFICATION STATEMENT IS A PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT DESCRIBED BELOW IN ACCORDANCE WITH NPDES PERMIT NO. ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

PROJECT INFORMATION:

AIRPORT: \_\_\_\_\_ PROJECT: \_\_\_\_\_

PROJECT NO: \_\_\_\_\_ COUNTY: \_\_\_\_\_

CONTRACT NUMBER: \_\_\_\_\_

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_ TITLE: \_\_\_\_\_

NAME OF FIRM: \_\_\_\_\_

STREET ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

THE INFORMATION WITHIN THIS BOX SHALL BE COMPLETED BY THE CONTRACTOR AFTER THE AWARD OF THE CONTRACT TO OBTAIN THE REQUIRED NPDES PERMIT FROM IEPA. COMPLETION OF THIS IS A CONTRACT REQUIREMENT.

**REHABILITATE TAXIWAY C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030


NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018

PROJECT NO: 18A0005  
CAD FILE: 11-SWPPP.DWG  
DESIGN BY: LDH 06/29/2018  
DRAWN BY: LDH 06/29/2018  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

**STORMWATER POLLUTION PREVENTION PLAN**

**SEDIMENTATION AND EROSION CONTROL NOTES:**

- A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
  - UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
  - AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- C. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- D. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-01 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT OF WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- E. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
- F. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- G. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
- H. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.
- I. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- J. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- K. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- L. IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
- M. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- N. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- O. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.

**STORM WATER POLLUTION PREVENTION NOTES**

GENERAL  
THE CONTRACTOR SHALL IMPLEMENT ALL PROVISIONS OF THE CONTRACT DOCUMENTS TO ASSURE THAT STORM WATER POLLUTION PREVENTION ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. SEDIMENTATION MUST NOT BE TRANSPORTED OFF THE CONSTRUCTION SITE. PERMANENT DRAINAGE FEATURES AND VEGETATIVE MEASURES SHALL BE PROVIDED AS SOON AS POSSIBLE.

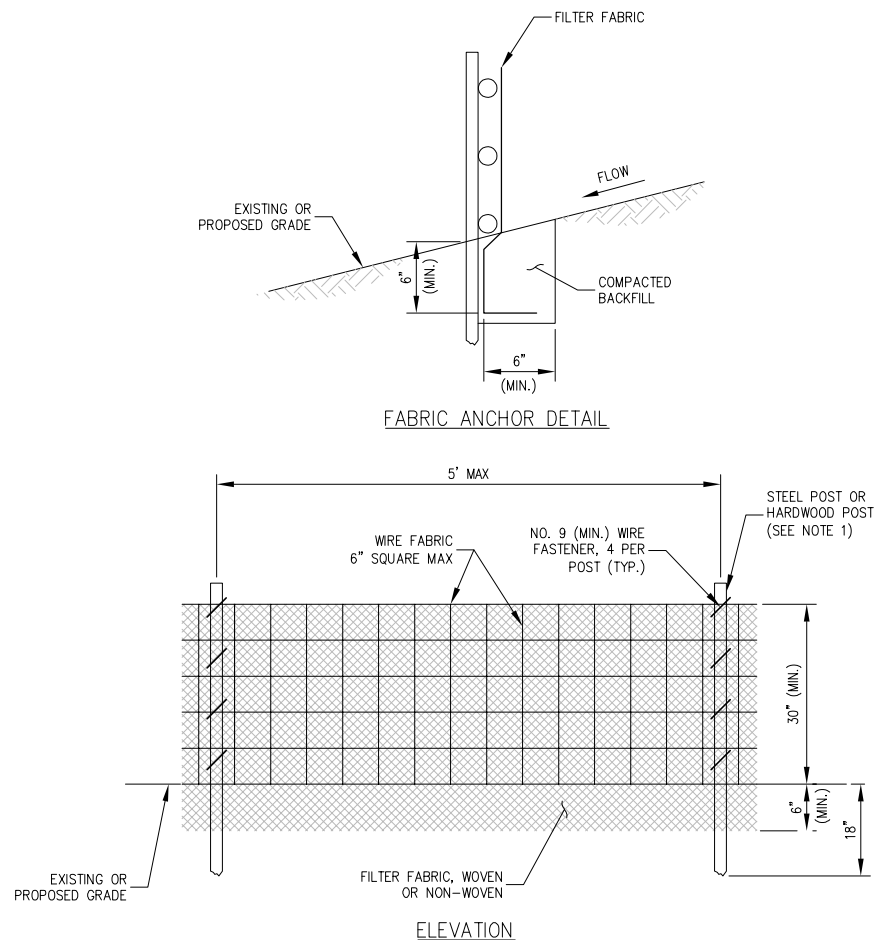
THE MAINTENANCE OF ALL STORM WATER POLLUTION PREVENTION MEASURES IS INCIDENTAL TO THE ASSOCIATED ITEM.

POLLUTION PREVENTION MEASURES  
THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN STORM WATER POLLUTION PREVENTION PRACTICES AND MEASURES PRIOR TO THE STRIPPING OF EXISTING VEGETATION WHEREVER POSSIBLE AND AS SOON AS CONSTRUCTION PERMITS IN OTHER AREAS. POLLUTION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING THESE CONSTRUCTION PLANS, AND WITH STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, CURRENT ISSUE. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT POLLUTION CONTROL MEASURES SO THAT NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE CONSTRUCTION SITE OTHER THAN THROUGH SEDIMENT TRAPS OR OTHER SUITABLE CONTROL MEASURES.

POLLUTION CONTROL ITEMS SHALL BE PROVIDED AS NOTED ON THE STORM WATER POLLUTION PREVENTION PLAN AND IN THE STORM WATER POLLUTION PREVENTION DETAILS AND AS DIRECTED BY THE ENGINEER. THE LIMITS OF SUCH MEASURES SHALL BE STAKED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH LIMITS MAY BE ADJUSTED BY THE ENGINEER TO ACCOUNT FOR ACTUAL SITE CONDITIONS EXPERIENCED DURING CONSTRUCTION. ADDITIONAL COMPENSATION FOR MEASURES EXCEEDING THE PLAN QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH ITEM.

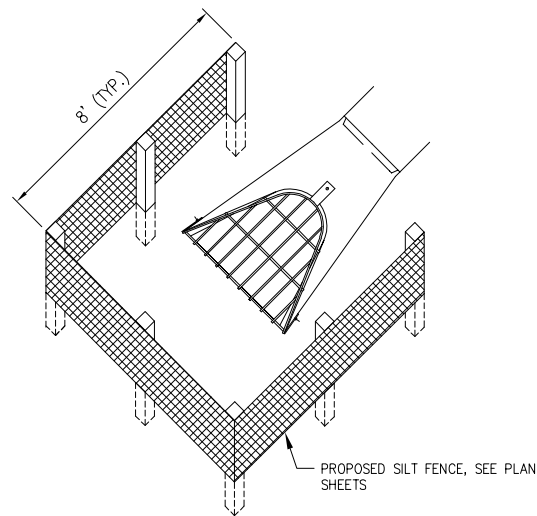
THE CONTRACTOR IS TO MAINTAIN AND ADJUST, REPAIR OR REPLACE ALL POLLUTION PREVENTION MEASURES AS REQUIRED OR AS DIRECTED BY THE ENGINEER UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. MAINTENANCE OF POLLUTION CONTROL MEASURES IS TO BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.

ADDITIONAL STORMWATER POLLUTION PREVENTION MEASURES ARE EXISTING ON SITE LOCATED AT DRAINAGE FACILITIES AND ALONG THE PROPERTY LINE.



**NOTES:**

1. FENCE POST SHALL BE EITHER STEEL "1" LINE POST OR HARDWOOD POST WITH A MINIMUM SECTIONAL AREA OF 2.0 SQUARE INCHES. A CARPENTER'S (NOMINAL) 2"x2" POST WILL MEET SPECIFICATIONS.
2. TOP AND BOTTOM WIRE OF WIRE FABRIC SHALL BE MINIMUM GAGE NO. 9. INTERMEDIATE WIRES OF THE WIRE FABRIC SHALL BE MINIMUM GAGE NO. 11.
3. WIRE FABRIC SHALL BE SECURELY FASTENED TO FENCE POSTS WITH NO. 9 GAGE WIRE MINIMUM. FOUR (4) FASTENERS PER POST REQUIRED.
4. FILTER FABRIC SHALL BE SECURELY FASTENED TO WIRE FABRIC AND POSTS WITH TIES OR STAPLES SPACED AT 12" APART AT THE TOP, MIDDLE AND BOTTOM.
5. WHEN TWO SECTIONS OF FILTER FABRIC MEET, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED AND ATTACHED TO THE WIRE FABRIC AT A POST.
6. FILTER FABRIC SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS WITH APPARENT OPENING SIZE (AOS) OF AT LEAST 40 FOR NONWOVEN AND WOVEN. THE FABRIC MUST MEET THE APPLICABLE STANDARDS OF AASHTO 288-00 (Article IV, Section B.1.1.f.i, AS AMENDED), OR EQUIVALENT.
7. A MAXIMUM OF 5 FEET IS USED FOR POST-TO-POST SPACING.
8. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
9. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
10. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. PERIODIC INSPECTION SHALL BE PERFORMED AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.
11. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN BULGES DEVELOP IN THE SILT FENCE.
12. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
13. FENCE POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.
14. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.



**SILT FENCE PLACEMENT AT FLARED END SECTIONS (FES)**

**REHABILITATE TAXIWAY  
C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

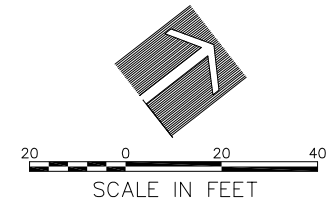
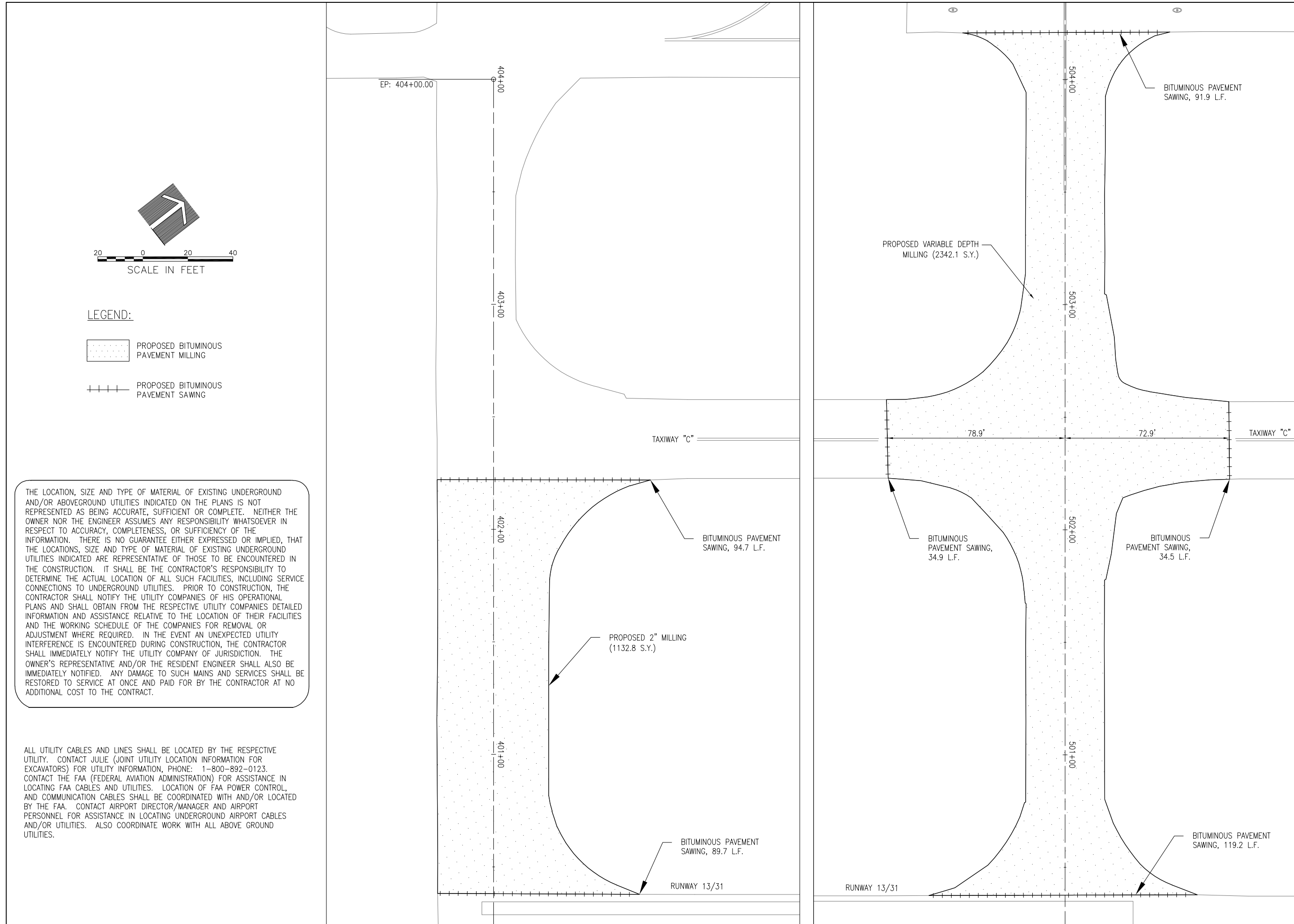
Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 13-REMOVALPLAN.DWG  
DESIGN BY: LDH 06/18/2018  
DRAWN BY: LDH 06/18/2018  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

**REMOVAL PLAN**



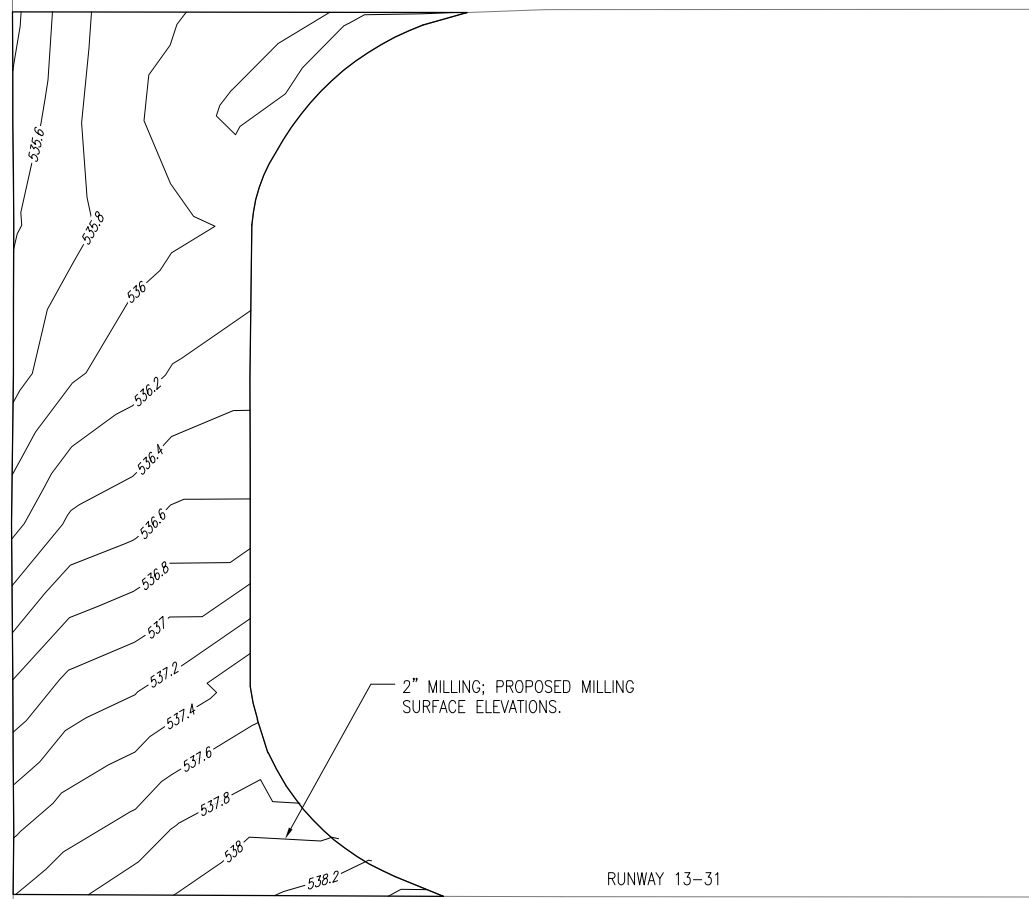
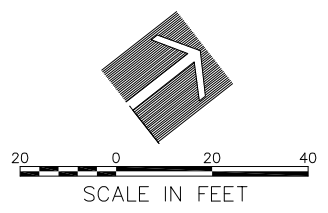
**LEGEND:**

- PROPOSED BITUMINOUS PAVEMENT MILLING
- PROPOSED BITUMINOUS PAVEMENT SAWING

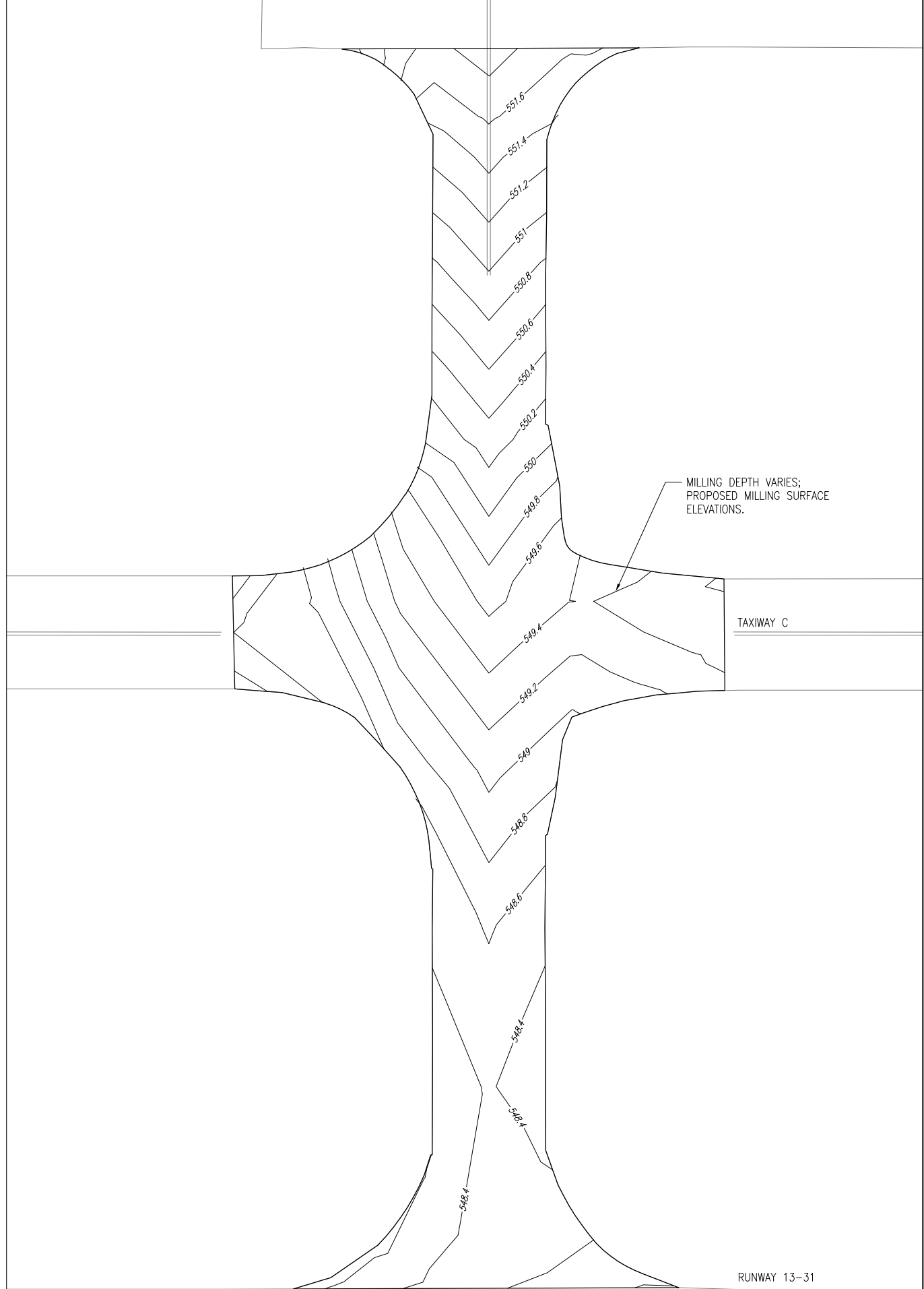
THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO ACCURACY, COMPLETENESS, OR SUFFICIENCY 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. CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVE GROUND UTILITIES.

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TAXIWAY C



REHABILITATE TAXIWAY C1 AND C2

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

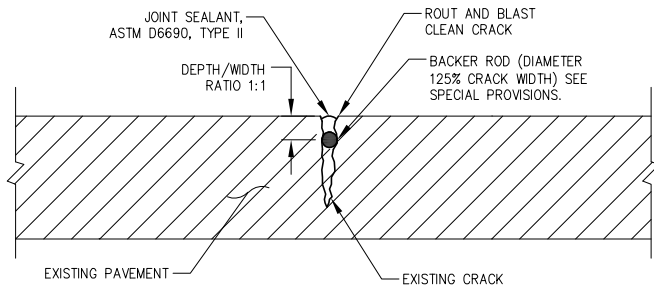
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 14-GRADINGPLAN.DWG  
DESIGN BY: LDH 06/18/2018  
DRAWN BY: LDH 06/18/2018  
REVIEWED BY: KMS 10/14/18

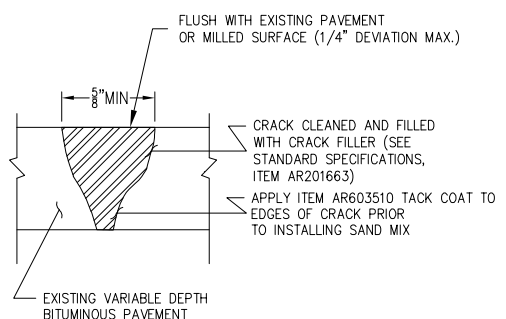
SHEET TITLE

MILLING GRADING PLAN

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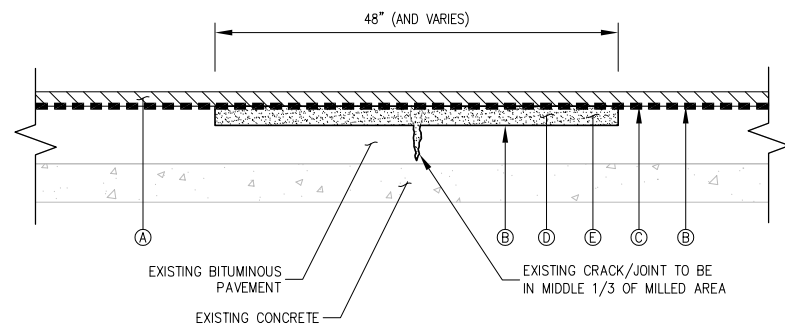


**CLEAN AND SEAL CRACKS  
TYPE A  
(LESS THAN 1 INCH)**



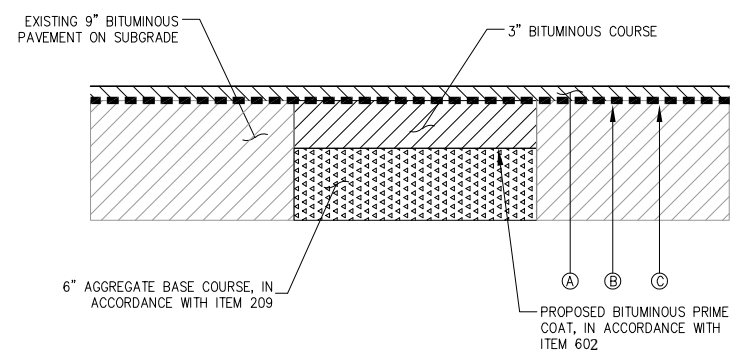
- NOTES:**
- CRACKS TO BE FILLED WITH SAND MIX SHALL BE AS SHOWN IN PLANS OR AS DESIGNATED BY THE RESIDENT ENGINEER.
  - SAND MIX CRACK REPAIR SHALL BE USED ON ALL TYPE B CRACKS, OR AS DESIGNATED BY THE RESIDENT ENGINEER.
  - CONTRACTOR SHALL ROUT CRACK, PLOW AND REMOVE LOOSE FILLER, LOOSE AGGREGATE AND LAITANCE WITH COMPRESSED AIR AS SPECIFIED PRIOR TO TACK COAT AND SEALING.

**SAND MIX CRACK REPAIR DETAIL  
TYPE B  
(1-2 INCH)**



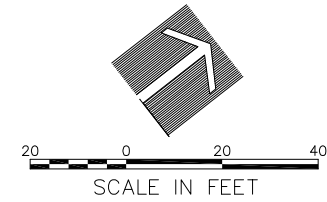
- NOTES:**
- TACK COAT SHALL BE APPLIED TO MILLED SURFACE OUTSIDE OF CRACK CONTROL MATERIAL.
  - BITUMINOUS PAVEMENT SAWING TO BE PAID FOR AS ITEM AR401665.
- (A) PROPOSED OVERLAY  
(B) PROPOSED BITUMINOUS TACK COAT, ITEM AR603510.  
(C) CRACK CONTROL FABRIC, ITEM AR201670.  
(D) BITUMINOUS SAND MIX - 2 INCH, ITEM AR201662.  
(E) PAVEMENT MILLING, ITEM AR401650.

**TYPICAL SECTION - PARTIAL DEPTH  
BITUMINOUS REPAIR  
TYPE C  
(2-3 INCH)**



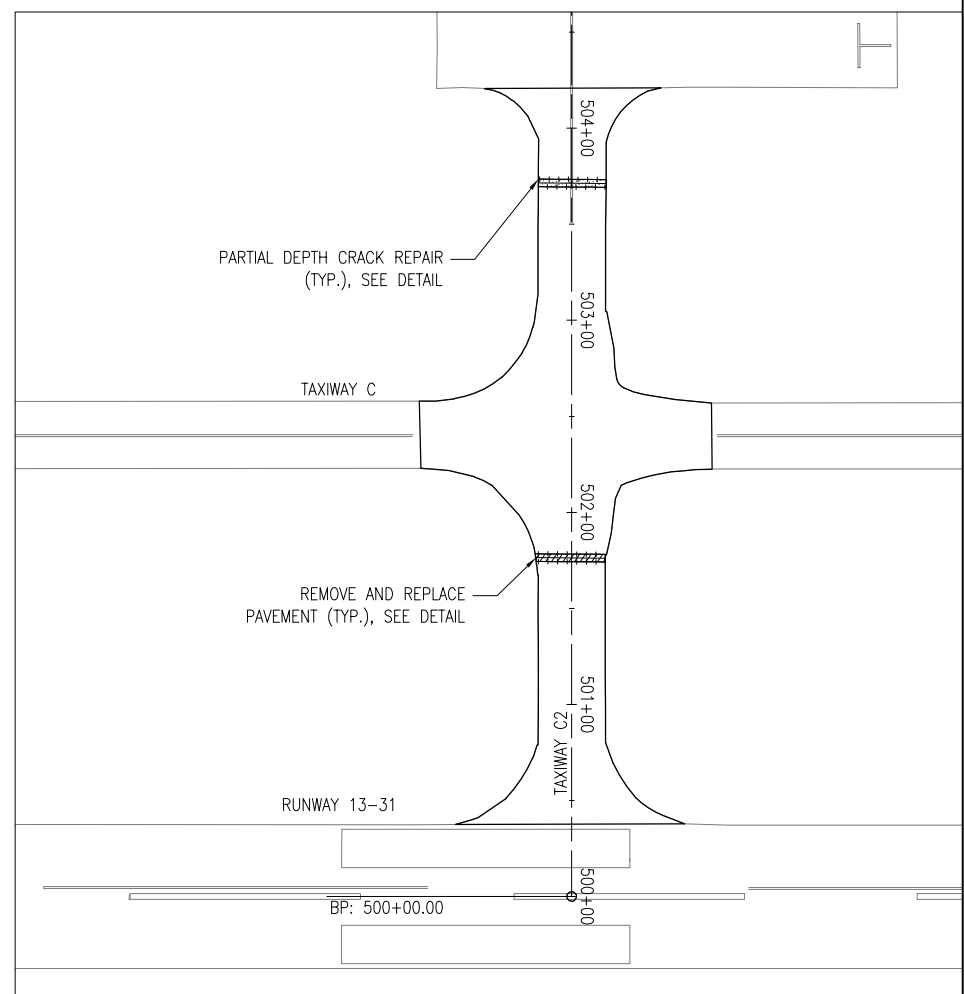
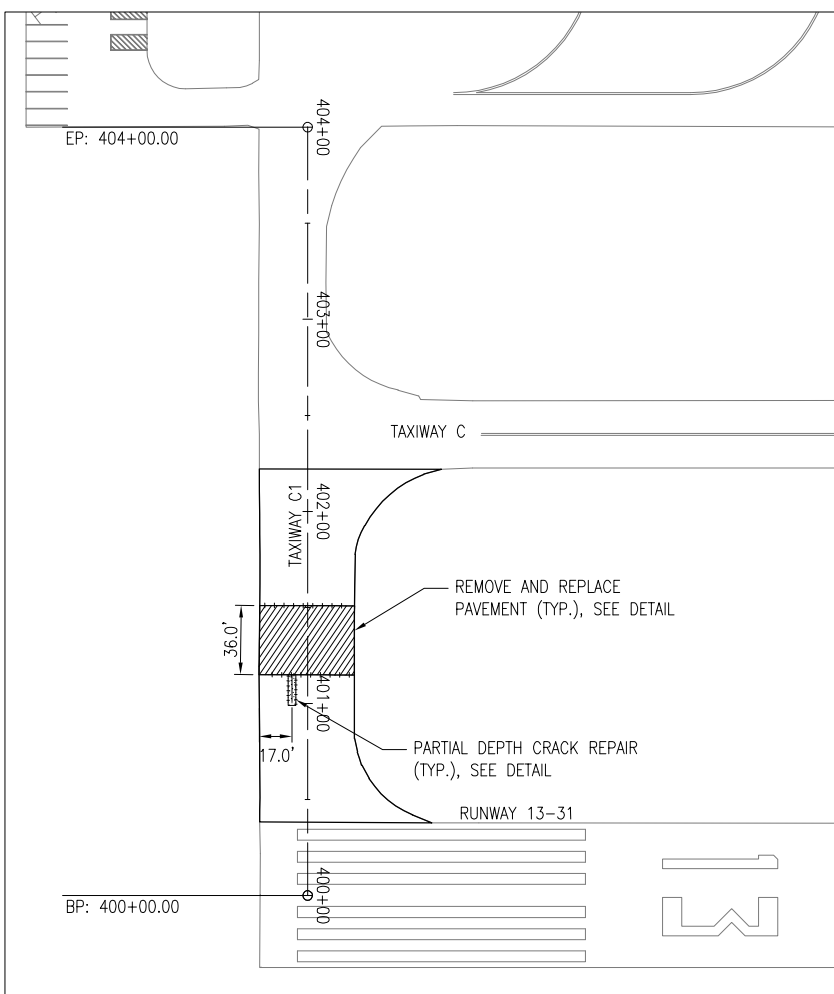
- NOTES:**
- TACK COAT TO BE PLACED BETWEEN LIFTS OF BASE COURSE.
  - BITUMINOUS PAVEMENT SAWING TO BE PAID UNDER ITEM AR401665.

**BITUMINOUS PAVEMENT  
REMOVAL/REPLACEMENT/REPAIR  
TYPE D  
(GREATER THAN 3 INCH)**



- LEGEND**
- MILLING REQUIRED FOR TYPE C CRACKING
  - REMOVE AND REPLACE PAVEMENT, TYPE D CRACK
  - SAWCUT REQUIRED FOR CRACK REPAIR

- NOTES**
- FOR ALIGNMENT DATA TABLE SEE SHEET 9.
  - TYPE A AND TYPE B CRACKS WERE SURVEYED, BUT OMITTED FROM THE PLAN SHEETS FOR CLARITY.
  - THE WORK QUANTITIES FOR AR201661 CLEAN AND SEAL BITUMINOUS CRACKS AND AR201663 SAND MIX CRACK REPAIR ASSUME THAT 75 PERCENT OF THE TYPE A CRACKS ARE ELIMINATED AND 50 PERCENT OF THE TYPE B CRACKS BECOME TYPE A DURING THE 2.0 INCH SURFACE REMOVAL UNDER ITEM AR401650. THE ACTUAL LOCATION AND QUANTITY OF CRACKS TO BE REPAIRED SHALL BE DETERMINED BY THE RESIDENT ENGINEER AFTER MILLING OPERATIONS. CONTRACTOR SHALL PERFORM THE WORK AS DIRECTED BY THE RESIDENT ENGINEER AND SHALL NOT BE ENTITLED TO, OR MAKE ANY CLAIM FOR, ADDITIONAL COMPENSATION IF THE ACTUAL QUANTITY PERFORMED IS MORE OR LESS THAN THE BID QUANTITY ESTIMATED FOR EACH REPAIR ITEM.



REHABILITATE TAXIWAY  
C1 AND C2

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 15-CRACKREPAIR.DWG  
DESIGN BY: LDH 06/18/2018  
DRAWN BY: LDH 06/18/2018  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

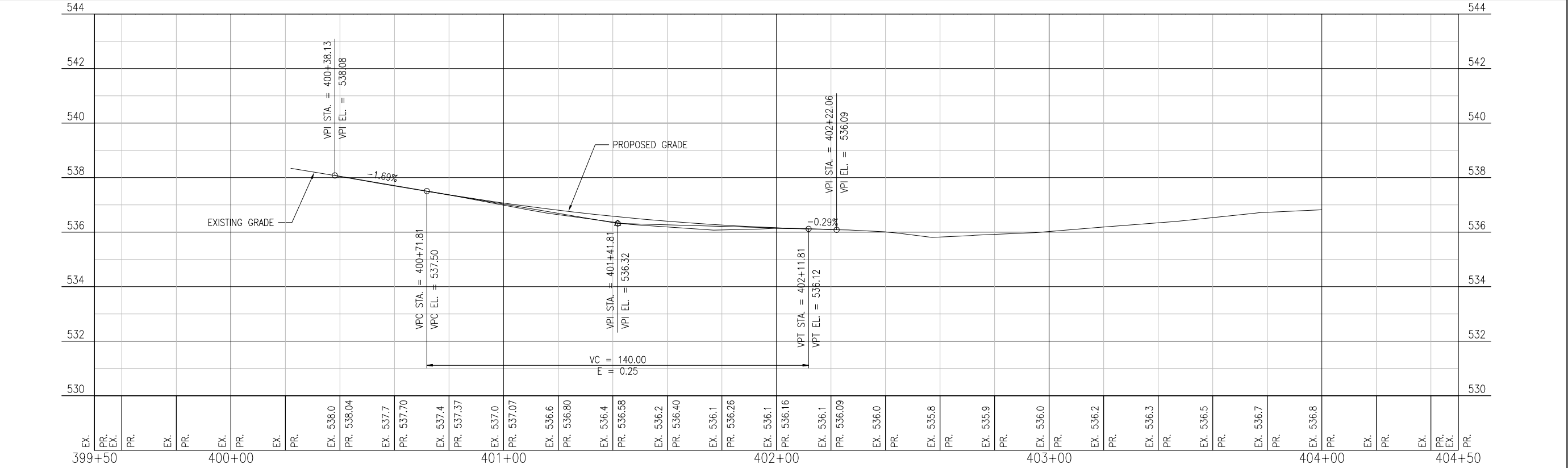
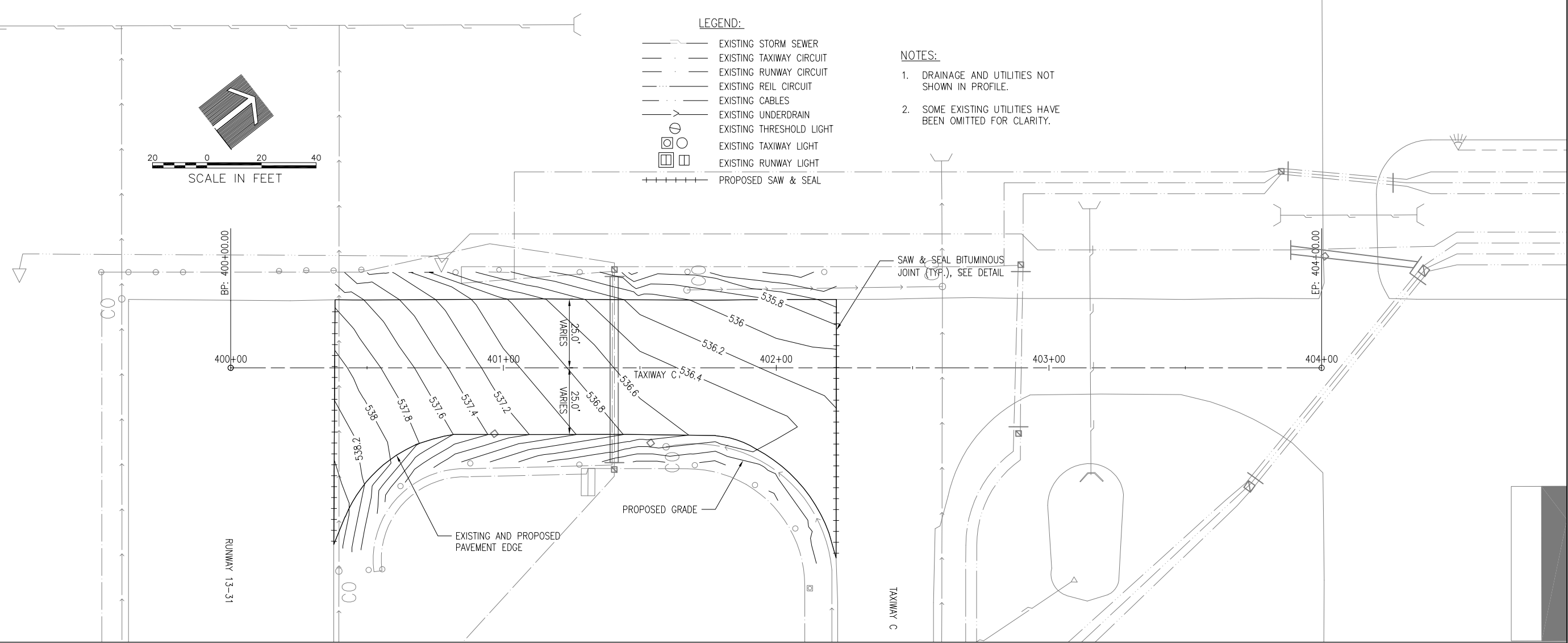
CRACK REPAIR PLAN  
AND DETAILS

**LEGEND:**

- EXISTING STORM SEWER
- EXISTING TAXIWAY CIRCUIT
- EXISTING RUNWAY CIRCUIT
- EXISTING REIL CIRCUIT
- EXISTING CABLES
- EXISTING UNDERDRAIN
- EXISTING THRESHOLD LIGHT
- EXISTING TAXIWAY LIGHT
- EXISTING RUNWAY LIGHT
- PROPOSED SAW & SEAL

**NOTES:**

1. DRAINAGE AND UTILITIES NOT SHOWN IN PROFILE.
2. SOME EXISTING UTILITIES HAVE BEEN OMITTED FOR CLARITY.



**REHABILITATE TAXIWAY C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

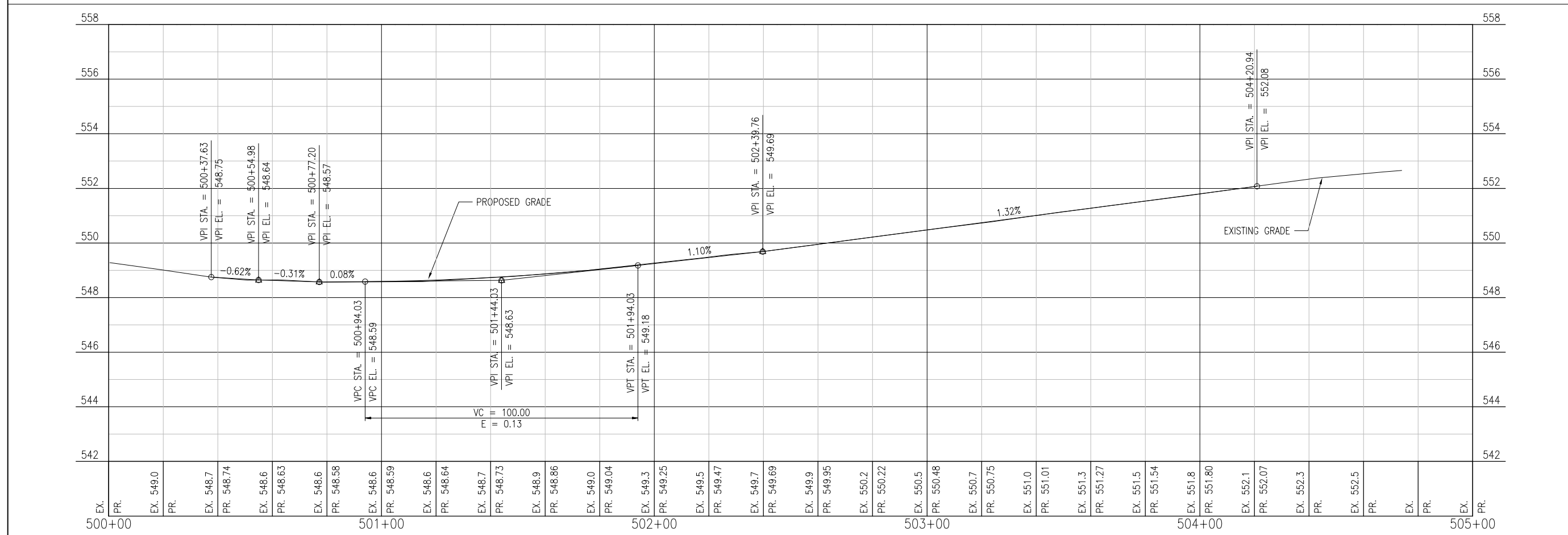
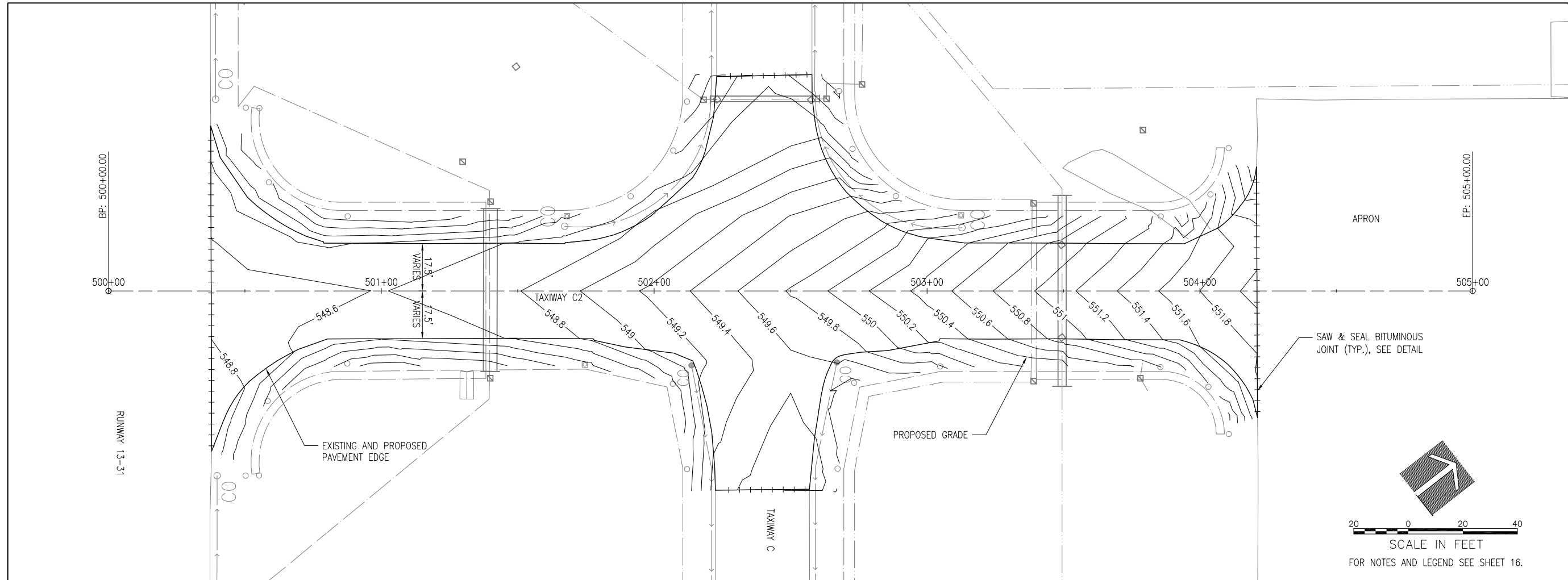
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 16-P&P- TXY C1.DWG  
DESIGN BY: LDH 07/06/2018  
DRAWN BY: LDH 07/06/2018  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

**PLAN AND PROFILE TAXIWAY C1**





**REHABILITATE TAXIWAY C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

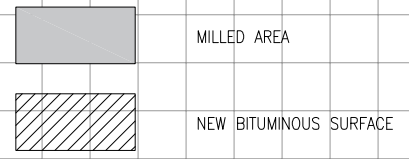
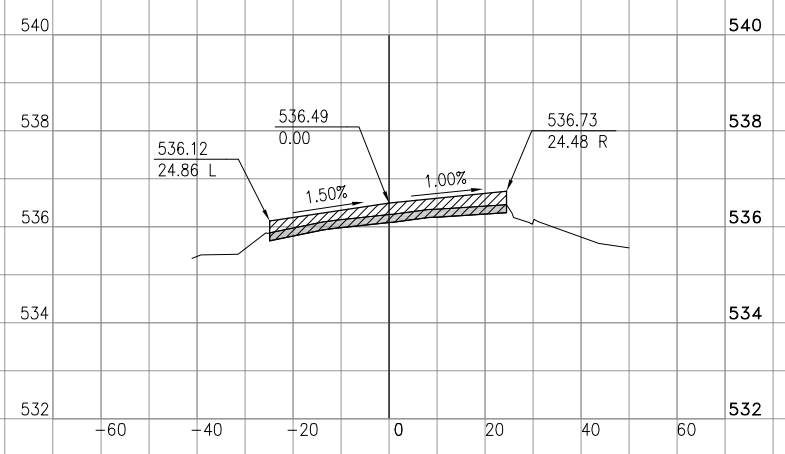
ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 17-P&P- TXY C2.DWG  
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REVIEWED BY: KMS 10/14/18

SHEET TITLE

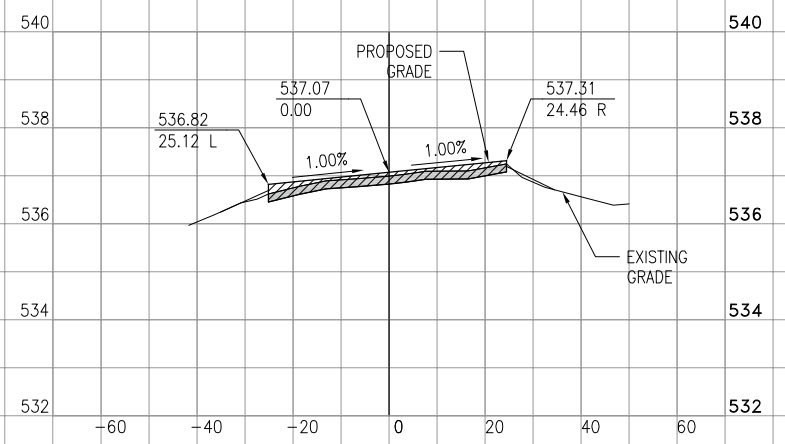
**PLAN AND PROFILE TAXIWAY C2**



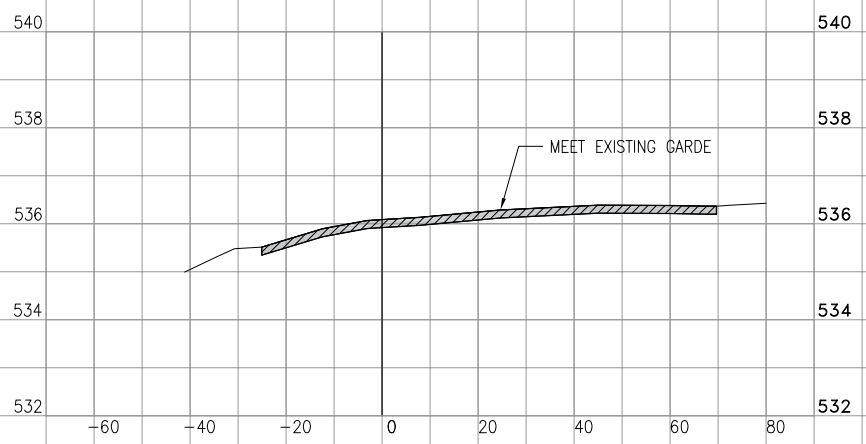
STA.  
401+50



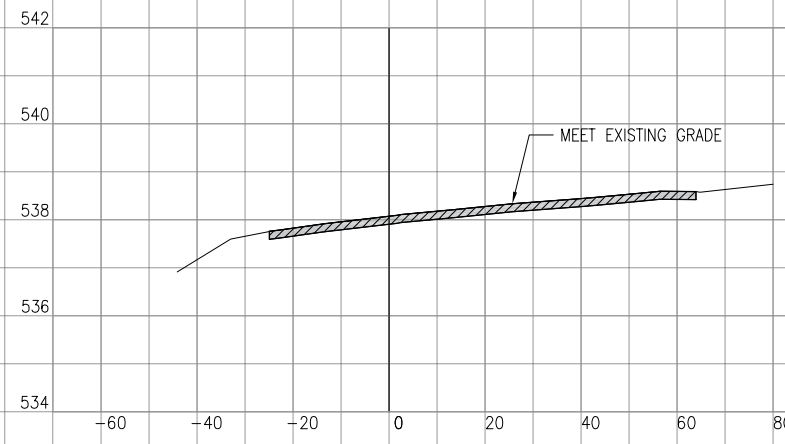
STA.  
401+00



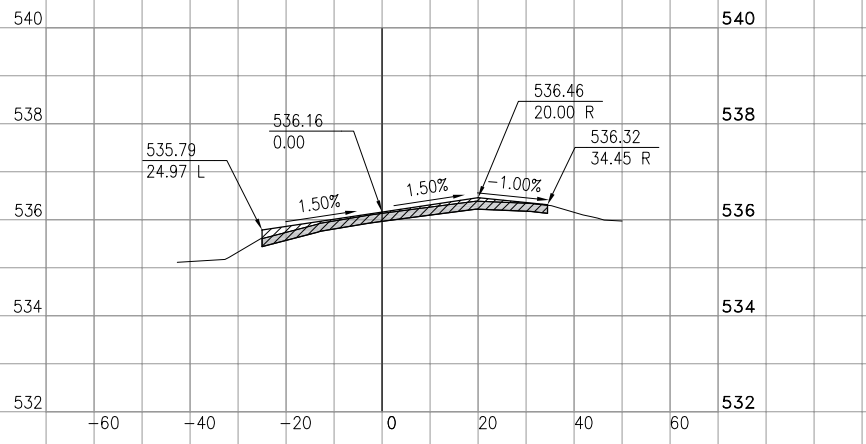
STA.  
402+22



STA.  
400+38



STA.  
402+00



REHABILITATE TAXIWAY  
C1 AND C2

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

NO.	DATE	DESCRIPTION
		DES   DWN   REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 18-SECTIONS.DWG  
DESIGN BY: LDH 9/18/18  
DRAWN BY: LDH 9/18/18  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

CROSS SECTIONS  
TAXIWAY C1  
STA. 400+38 THRU  
STA. 402+22



REHABILITATE TAXIWAY  
C1 AND C2

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

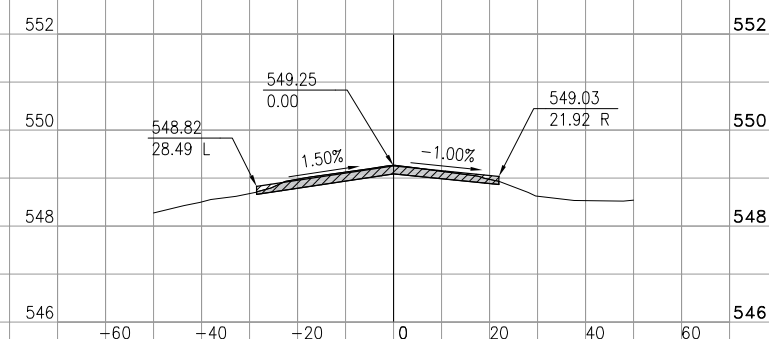
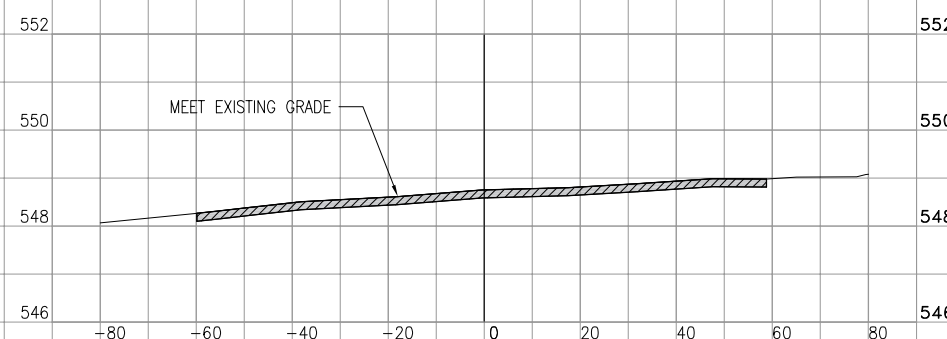
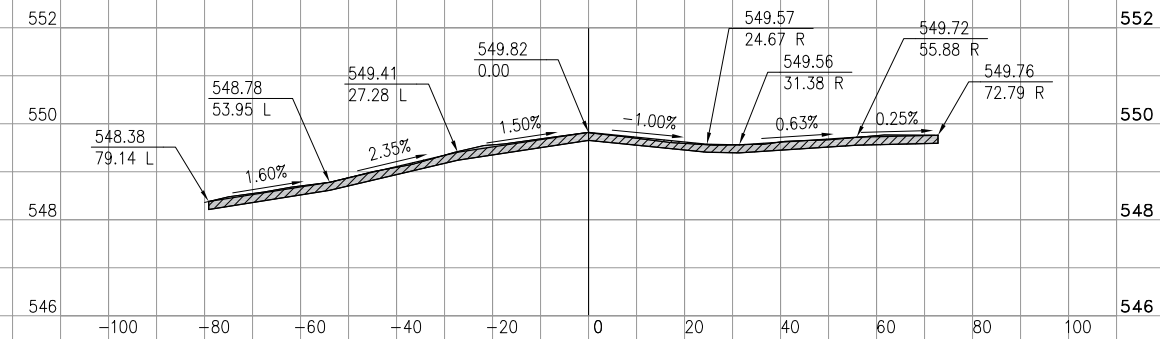
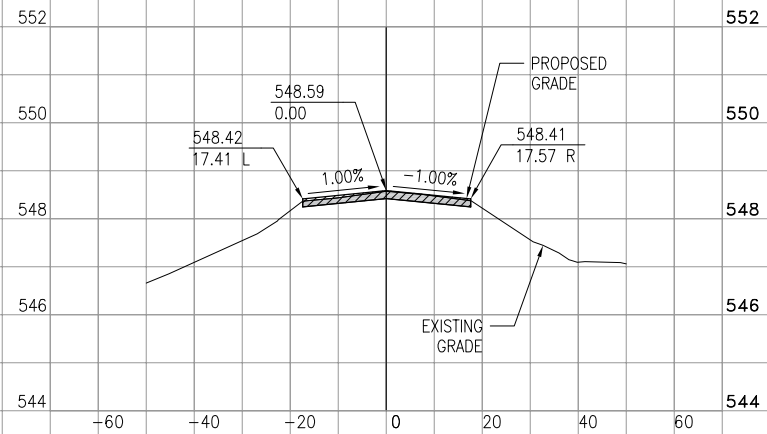
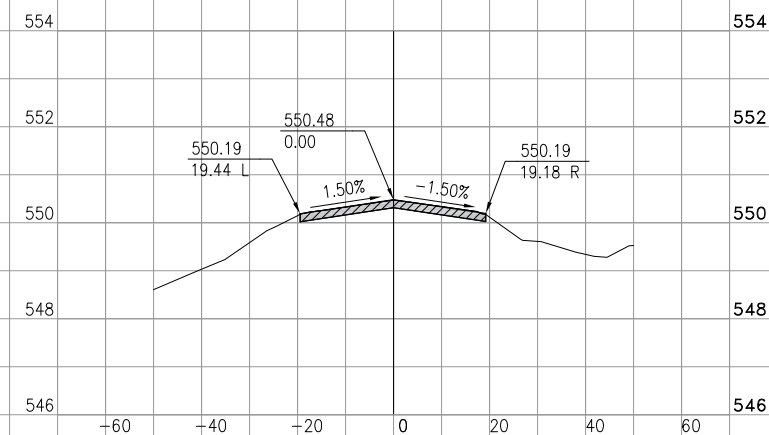
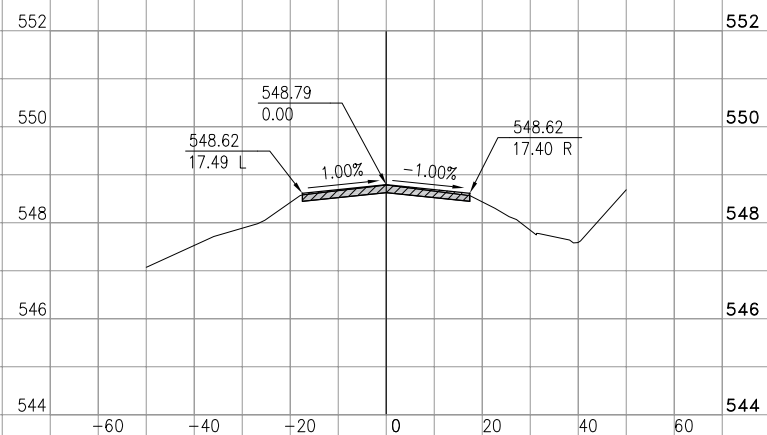
Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

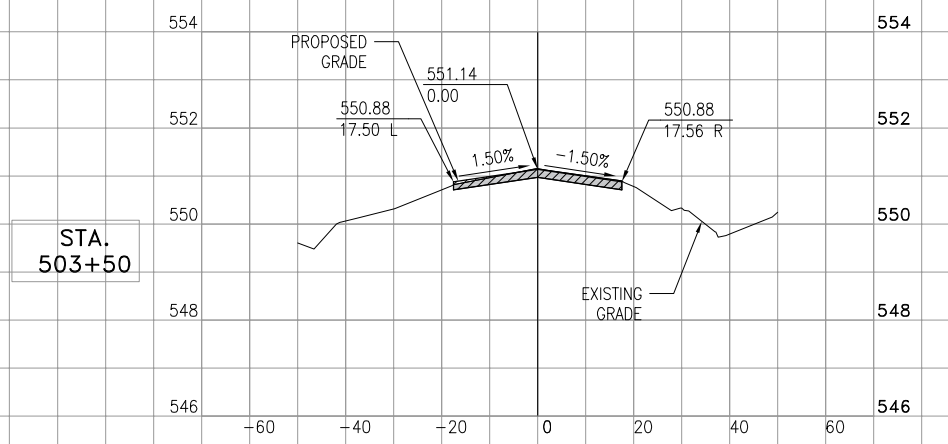
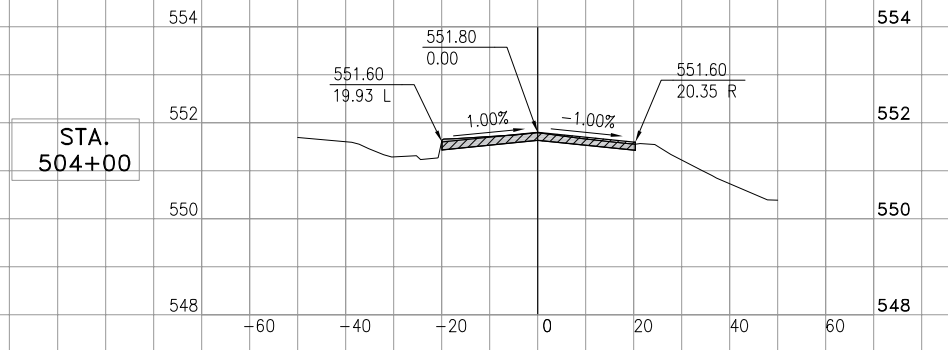
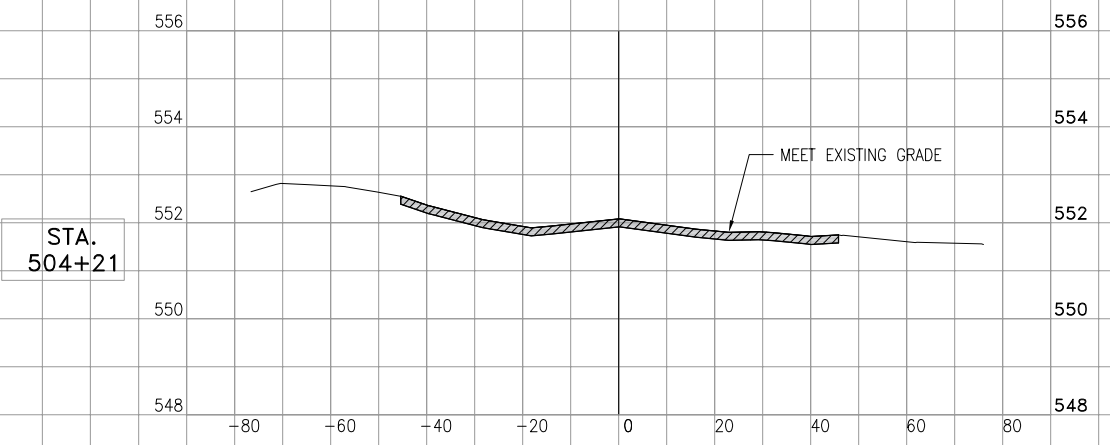
ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 19-SECTIONS.DWG  
DESIGN BY: LDH 9/18/18  
DRAWN BY: LDH 9/18/18  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

CROSS SECTIONS  
TAXIWAY C2  
STA. 500+38 THRU  
STA. 503+00



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REHABILITATE TAXIWAY  
C1 AND C2

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

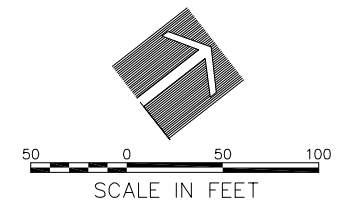
Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 20-SECTIONS.DWG  
DESIGN BY: LDH 9/18/18  
DRAWN BY: LDH 9/18/18  
REVIEWED BY: KMS 10/14/18

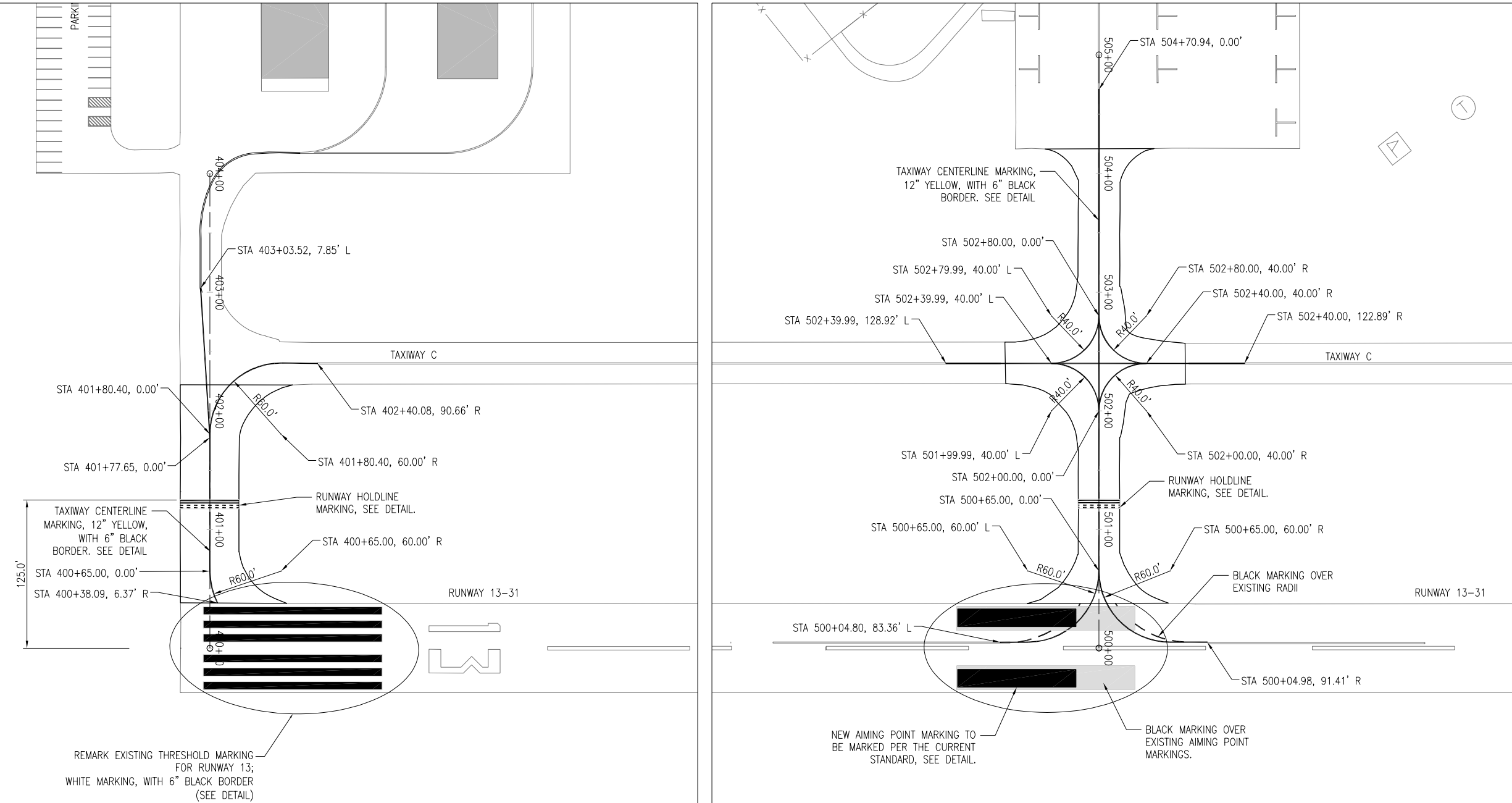
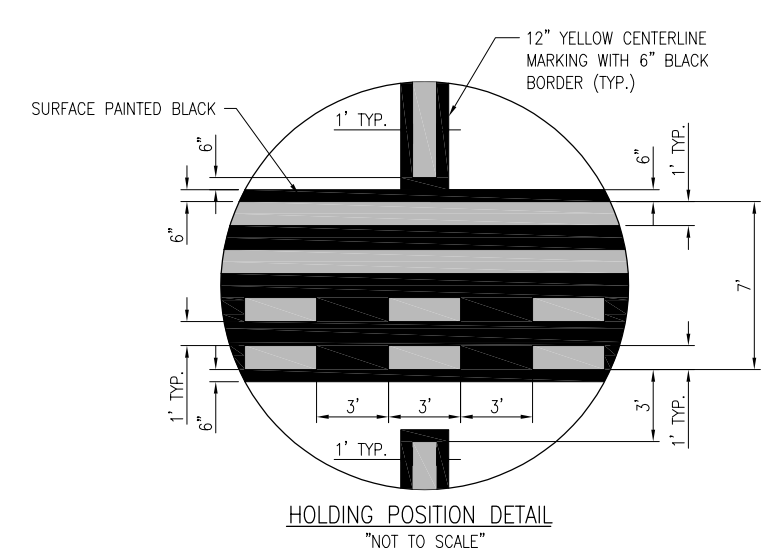
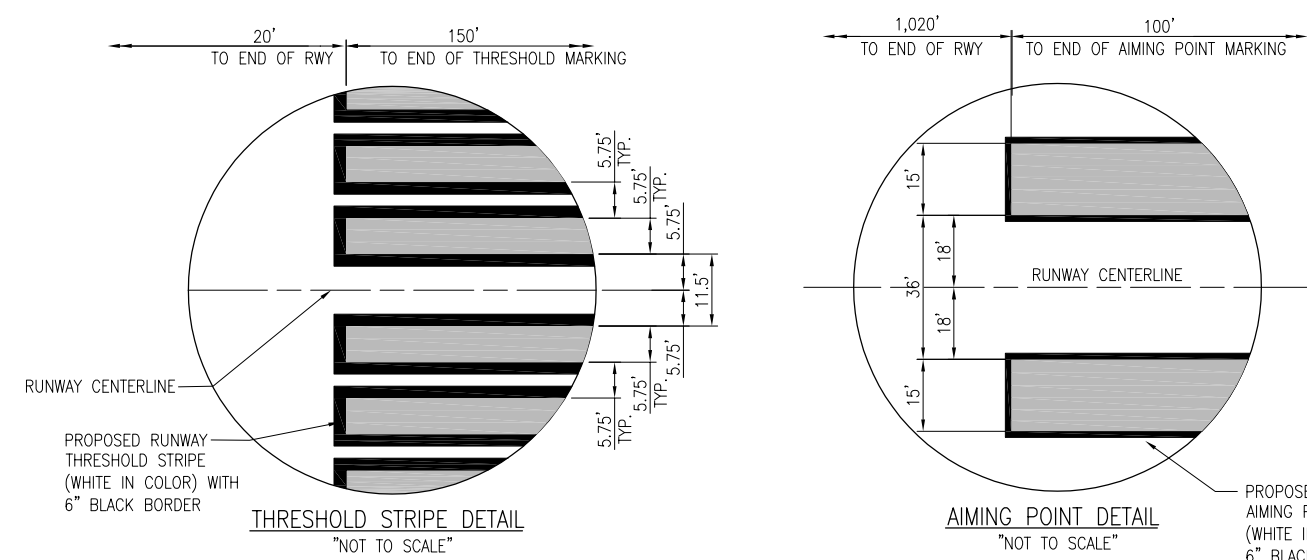
SHEET TITLE

CROSS SECTIONS  
TAXIWAY C2  
STA. 503+50 THRU  
STA. 504+21



**NOTES:**

- GLASS SPHERES SHALL BE USED FOR ALL WHITE AND YELLOW MARKINGS. GLASS SPHERES NOT REQUIRED FOR BLACK MARKING.
- WATERBORNE MARKING SHALL BE USED ON BITUMINOUS PAVEMENT.
- BLACK BORDER REQUIRED AROUND ALL PAVEMENT MARKINGS.



**REHABILITATE TAXIWAY C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 21-MARKING.DWG  
DESIGN BY: LDH 06/28/2018  
DRAWN BY: LDH 06/28/2018  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

**MARKING PLAN AND DETAILS**

NOV 05, 2018 10:05 AM HAUSM00682  
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**REHABILITATE TAXIWAY  
C1 AND C2**

SBGP No: 3-17-SBGP-144  
IDA No: C75-4677

Contract No. MA030

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 16, 2018  
PROJECT NO: 18A0005  
CAD FILE: 22-LANDSCAPINGPLAN.D  
DESIGN BY: LDH 06/18/2018  
DRAWN BY: LDH 06/18/2018  
REVIEWED BY: KMS 10/14/18

SHEET TITLE

**LANDSCAPING PLAN**

