

**CONSTRUCTION PLANS FOR**  
**QUAD CITY INTERNATIONAL AIRPORT**  
**METROPOLITAN AIRPORT AUTHORITY OF ROCK ISLAND COUNTY**  
**MOLINE, ILLINOIS**  
**ILLINOIS PROJECT MLI-4263**  
**A.I.P. PROJECT 3-17-0068-XX**

**CONSTRUCT SOUTH SERVICE ROAD**  
**ADDITIVE ALTERNATE 1: CONSTRUCT HMA VAULT ACCESS ROAD**  
**ADDITIVE ALTERNATE 2: REMOVE FUEL TANKS**

**APRIL 19, 2013**

**811** Know what's below.  
 Call before you dig. COMMON GROUND ALLIANCE  
 www.call811.com or  
 Phone: 811

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

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

**DESIGN INFORMATION**

**GEOMETRIC CRITERIA**

LOW SPEED URBAN STREET

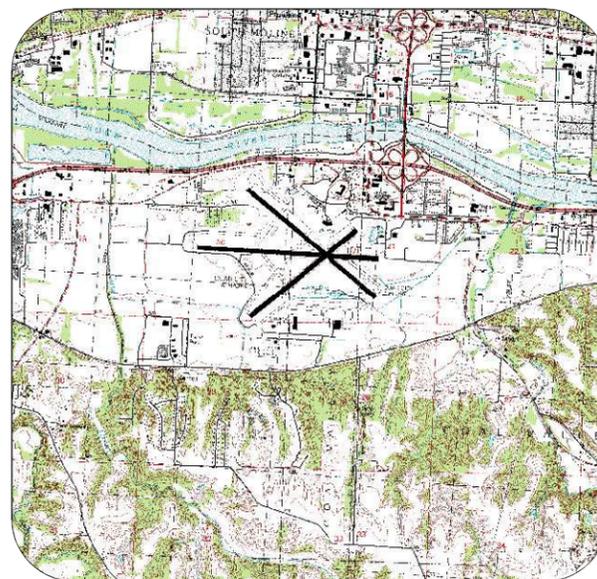
20 MPH DESIGN SPEED

**PAVEMENT DESIGN CRITERIA**

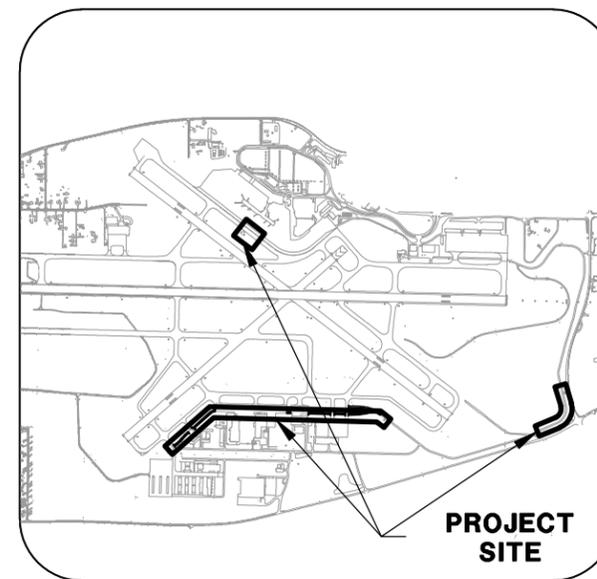
FUEL TRUCK  
 LOADED WEIGHT = 70,000LBS

CALL J.U.L.I.E.  
 BEFORE EXCAVATING  
 1-800-892-0123

TOWNSHIP: 17N  
 RANGE: 1W  
 SECTION: 20 & 21  
 COUNTY: ROCK ISLAND  
 CIVIL TOWNSHIP: UNINCORPORATED  
 ROCK ISLAND COUNTY



**LOCATION MAP**



**SITE PLAN**

5/13/13  
 ANDREW HUEBNER  
 062.065232  
 LICENSED PROFESSIONAL ENGINEER  
 OF ILLINOIS  
 EXPRES: 11/30/13

**METROPOLITAN AIRPORT  
 AUTHORITY OF ROCK ISLAND COUNTY  
 MOLINE, ILLINOIS**

**APPROVED** *Bruce Carter*

**DATE** *May 1, 2013*

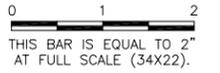
**CMT**  
**CRAWFORD MURPHY & TILLY, INC.**  
 CONSULTING ENGINEERS

SUBMITTED BY *Andrew Huebner*  
 DATE *5/13/13*

CMT JOB NUMBER 12014-10

**QU016**

REVISIONS		
NUMBER	BY	DATE



SUMMARY OF QUANTITIES			
BASE BID			
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
AR110550	SPLIT DUCT	L.F.	98
AR110551	EXTEND DUCT	L.F.	40
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1
AR150520	MOBILIZATION	L.S.	1
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	230
AR152700	ABANDON SANITARY PUMP STATION	L.S.	1
AR156510	SILT FENCE	L.F.	700
AR156511	DITCH CHECK	EACH	2
AR156520	INLET PROTECTION	EACH	7
AR208612	12" AGGREGATE BASE COURSE	S.Y.	650
AR209600	GEOTEXTILE FABRIC	S.Y.	650
AR209608	CRUSHED AGG. BASE COURSE - 8"	S.Y.	6465
AR401610	BITUMINOUS SURFACE COURSE	TON	535
AR401921	REMOVE PAVEMENT	S.Y.	1600
AR403610	BITUMINOUS BASE COURSE	TON	890
AR501900	REMOVE PCC PAVEMENT	S.Y.	70
AR602510	BITUMINOUS PRIME COAT	GAL	2690
AR603510	BITUMINOUS TACK COAT	GAL	935
AR620520	PAVEMENT MARKING - WATERBORNE	S.F.	7160
AR620900	PAVEMENT MARKING REMOVAL	S.F.	270
AR701512	12" RCP, CLASS IV	L.F.	806
AR751411	INLET-TYPE A	EACH	4
AR751412	INLET-TYPE B	EACH	1
AR751943	ADJUST MANHOLE	EACH	1
AR752412	PRECAST REINFORCED CONC. FES 12"	EACH	6
AR901510	SEEDING	ACRE	4.2
AR908510	MULCHING	ACRE	4.2
AR908520	EXCELSIOR BLANKET	S.Y.	1000
AR910200	ROADWAY SIGN	EACH	2
AR950110	ROADWAY SIGN, STOP	EACH	9

ADDITIVE ALTERNATE NUMBER 1			
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
AS152410	UNCLASSIFIED EXCAVATION	C.Y.	50
AS209604	CRUSHED AGG. BASE COURSE - 4"	S.Y.	253
AS401610	BITUMINOUS SURFACE COURSE	TON	35
AS602510	BITUMINOUS PRIME COAT	GAL	105
AS620520	PAVEMENT MARKING - WATERBORNE	S.F.	32
AS910200	ROADWAY SIGN	S.F.	1

ADDITIVE ALTERNATE NUMBER 2			
AT152800	REMOVE FUEL TANKS	L.S.	1

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METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS  
 CONSTRUCT SOUTH SERVICE ROAD  
 INDEX TO SHEETS &  
 SUMMARY OF QUANTITIES

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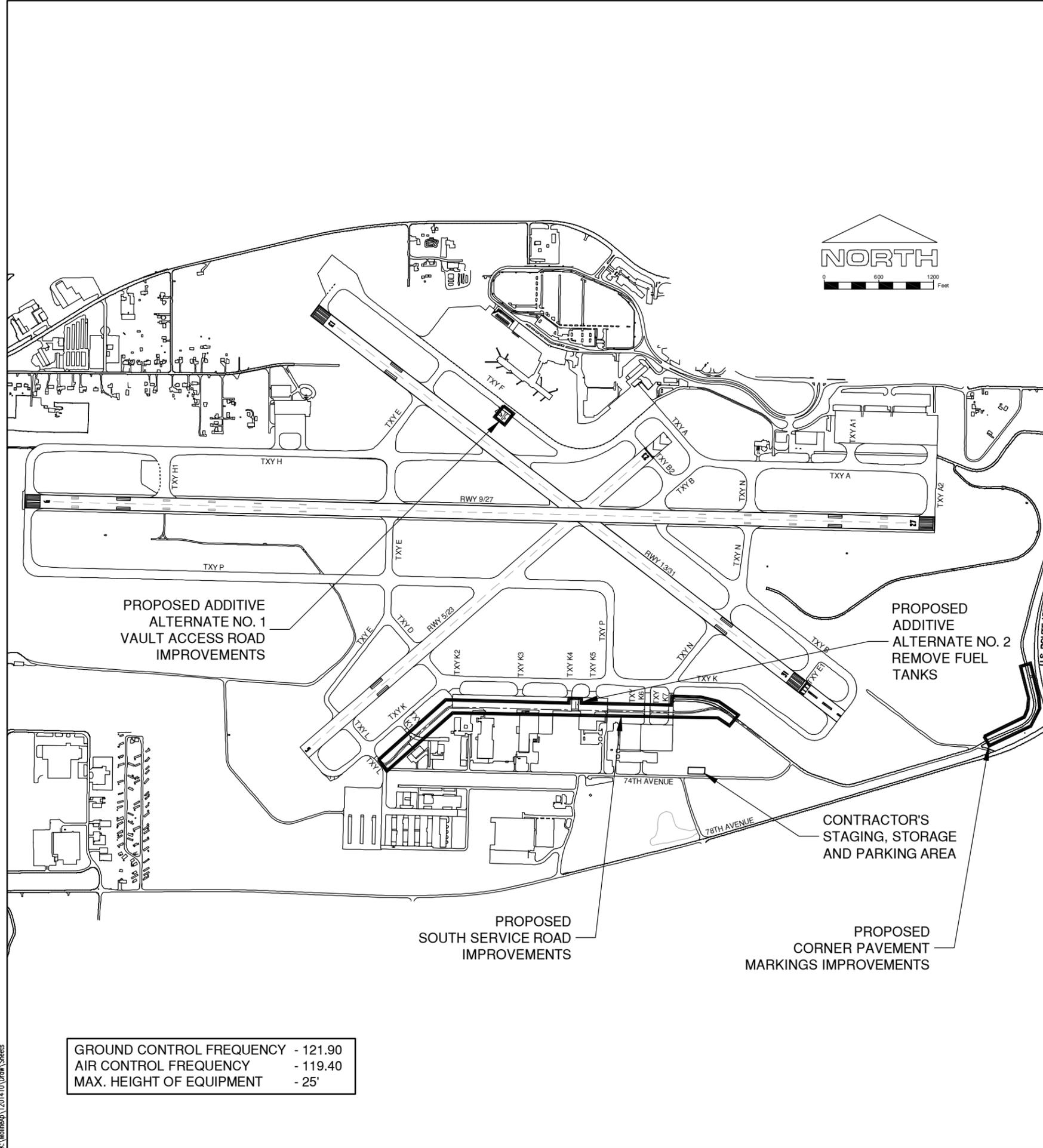
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CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
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IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	02 OF 47 SHEETS

**QU016**

REVISIONS

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2'  
 AT FULL SCALE (34x22).



**GENERAL NOTES**

- ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRPORT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLAN.
- ALL CONSTRUCTION TRAFFIC OPERATING ON OR CROSSING RUNWAYS, TAXIWAYS, AND APRONS OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER CONTROL OF A FLAGMAN IN RADIO CONTACT WITH FAA AIR TRAFFIC CONTROL TOWER PERSONNEL AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE HIS OWN RADIOS AND ONLY HIS PERSONNEL WHO HAVE SUCCESSFULLY COMPLETED THE APPROVED MAARIC/FAA SAFETY COURSE MAY OPERATE THESE RADIOS.
- WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT DIRECTOR.
- THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN. THE MAXIMUM HEIGHT OF EQUIPMENT, MATERIALS AND STOCKPILES SHALL BE 25' ABOVE GROUND ELEVATION.
- EXCESS EARTH, BROKEN ASPHALT AND OR CONCRETE SHALL BE DISPOSED OF BY THE CONTRACTOR OFF OF AIRPORT PROPERTY UNLESS OTHERWISE DIRECTED BY THE AIRPORT.
- VEHICLES AND EQUIPMENT SHALL NOT BE ALLOWED WITHIN 95' FROM THE CENTERLINE OF ACTIVE TAXIWAYS OR 250' FROM THE CENTERLINE OF ACTIVE RUNWAYS.
- ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED IN KIND TO ORIGINAL CONDITION BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT. NO ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR THIS WORK.
- EXISTING TURF AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT.
- THE CONTRACTOR SHALL CONTINUOUSLY CLEAN CONSTRUCTION AREAS WHICH ARE OR WILL BE OPENED TO AIR TRAFFIC.
- IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES AT CRITICAL POINTS SO AS TO AVOID ANY DAMAGE. ANY UTILITY, INCLUDING AIRFIELD ELECTRICAL CABLE AND LIGHTS, DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY HIM AT HIS OWN EXPENSE IN A MANNER WHICH IS SATISFACTORY TO THE ENGINEER AND TO THE OWNER OF THE UTILITY. ANY REPAIRS THAT MUST BE MADE BY THE OWNER OF THE UTILITY SHALL HAVE THE COST REIMBURSED TO THE UTILITY BY THE CONTRACTOR. AIRFIELD LIGHTING CABLES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY A QUALIFIED ELECTRICIAN WITH THE COSTS TO BE BORNE BY THE CONTRACTOR.
- SEE CONSTRUCTION ACTIVITY PLAN NOTES AND DETAILS SHEET FOR NOTES REGARDING THE CONTRACTOR'S ACCESS.
- CONTRACTOR'S VEHICLES AND EQUIPMENT SHALL BE LIGHTED, MARKED AND FLAGGED PER SECTION 70-10 OF THE STANDARD SPECIFICATIONS. MAXIMUM HEIGHT OF CONTRACTOR'S EQUIPMENT WILL BE 25'.
- CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
  - THE CONTRACTOR'S ACCESS TO WORK SHALL BE AS SHOWN IN THE PLANS.
  - THE CONTRACTOR SHALL COMPLETE A SECURITY FORM FOR ALL PERSONNEL HE PROPOSES TO USE ON THE AIRPORT. THESE FORMS SHALL BE COMPLETED PRIOR TO THAT PERSON BEING ALLOWED ON THE AIRFIELD. A LIST OF PERSONNEL AUTHORIZED TO WORK ON THE AIRFIELD SHALL BE PROVIDED TO THE AIRPORT OPERATIONS BY THE CONTRACTOR.
  - THE CONTRACTOR SHALL USE AN EXISTING GATE AS CALLED OUT IN THE PLANS, FOR ACCESS TO THE AIRFIELD.
  - CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND TEMPORARY EASEMENTS FOR THE PUBLIC ACCESS ROAD(S) SHOWN AND SHALL COMPLY WITH ALL REQUIREMENTS, LOAD RESTRICTIONS, & TRAFFIC CONTROL SIGNAGE REQUIRED BY THE CITY, COUNTY, TOWNSHIP, OR I.D.O.T.
  - DURING ADVERSE WEATHER THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE WORK AT NO ADDITIONAL COST TO THE CONTRACT. NO EXTENSION OF THE CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS TO THE WORK SITE.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ACCESS GATE(S) CLOSED DURING WORK HOURS. THE CONTRACTOR SHALL POST A COMPETENT SECURITY GUARD TO CONTROL ACCESS AT THE GATE. THE CONTRACTOR SHALL REPLACE ANY UNSATISFACTORY SECURITY GUARDS AS DIRECTED BY THE AIRPORT.
  - THE CONTRACTOR SHALL CLOSE AND SECURE THE ACCESS GATE(S) UPON LEAVING THE SITE.
  - ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  - THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN SUCH A WAY AS NOT TO VIOLATE AIRPORT PART 77 SURFACES, OR RUNWAY SAFETY AND TAXIWAY OBJECT FREE AREAS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ACTIVE AIRFIELD PAVEMENTS WHICH ARE USED BY HIS VEHICLES ACCESSING THE WORK OR DEPARTING THE WORK IMMEDIATELY FOLLOWING SAID VEHICLE.

GROUND CONTROL FREQUENCY - 121.90  
 AIR CONTROL FREQUENCY - 119.40  
 MAX. HEIGHT OF EQUIPMENT - 25'

METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS  
 CONSTRUCT SOUTH SERVICE ROAD  
 AIRPORT SITE PLAN



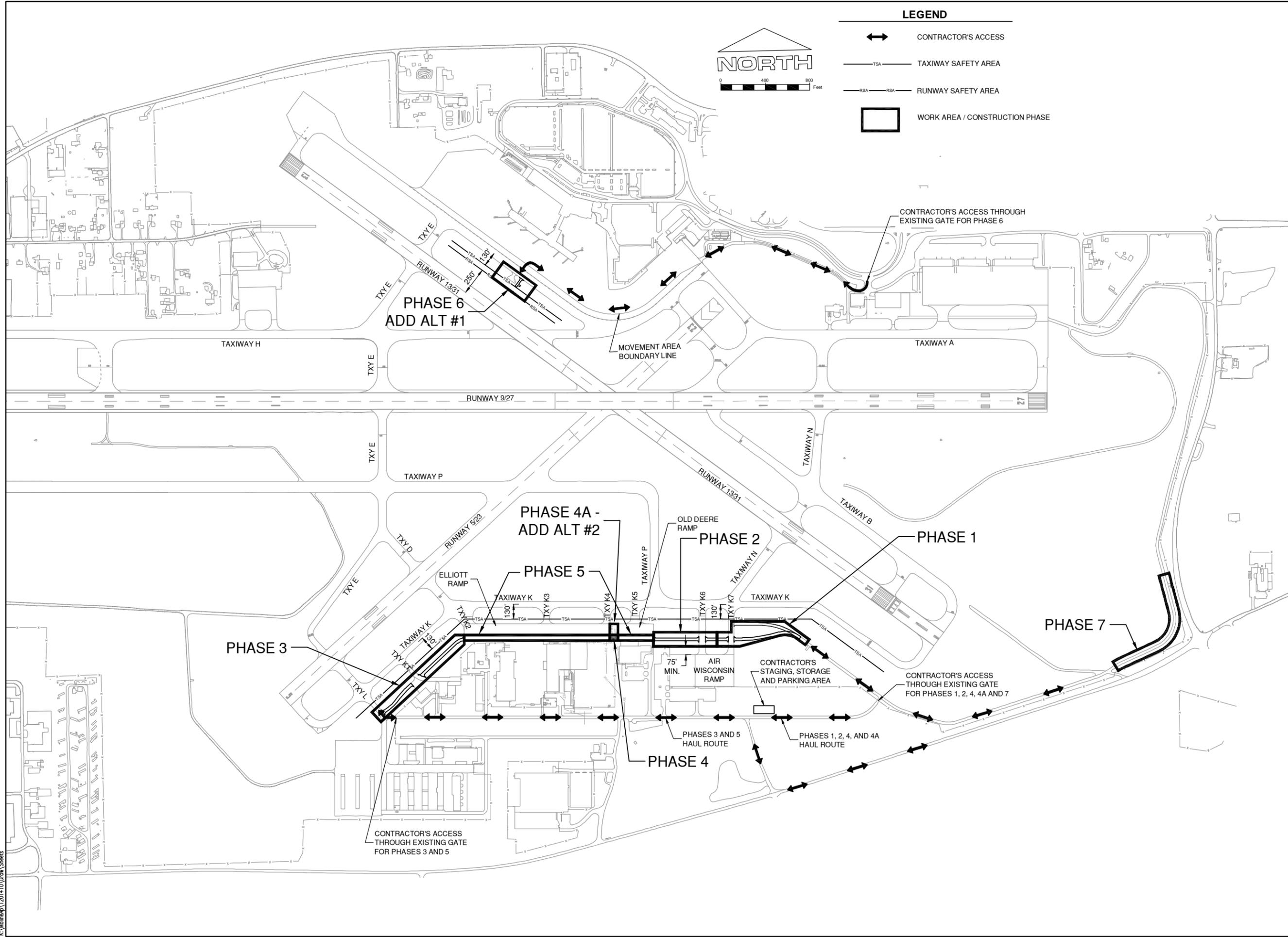
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JOB No:	12014-10
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SHEET 03 OF 47 SHEETS	

**QU016**

REVISIONS

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34X22).



**LEGEND**

- CONTRACTOR'S ACCESS
- TAXIWAY SAFETY AREA
- RUNWAY SAFETY AREA
- WORK AREA / CONSTRUCTION PHASE

**NORTH**

METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS

CONSTRUCT SOUTH SERVICE ROAD  
 CONSTRUCTION ACTIVITY PLAN PHASES

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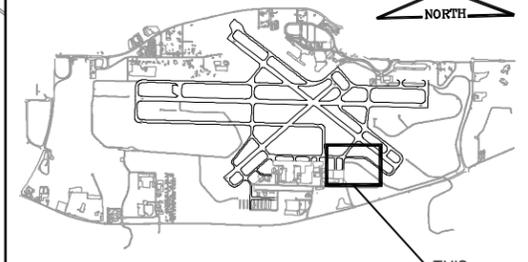
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AIP PROJ. NO.	3-17-0068-XX
SHEET	04 OF 47 SHEETS



**LEGEND**

- PHASE 1 WORK AREA
- PHASE 2 WORK AREA
- NEW PAVEMENT
- BARRICADES LINE - SEE DETAIL (15' SPACING)
- PROPOSED CONSTRUCTION SET BACK LINE - SEE DETAIL
- LOW PROFILE BARRICADES (15' SPACING)
- CONTRACTOR'S ACCESS
- STOP AND YIELD TO AIRCRAFT TRAFFIC

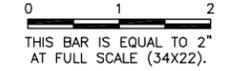
**KEYMAP**



**QU016**

REVISIONS

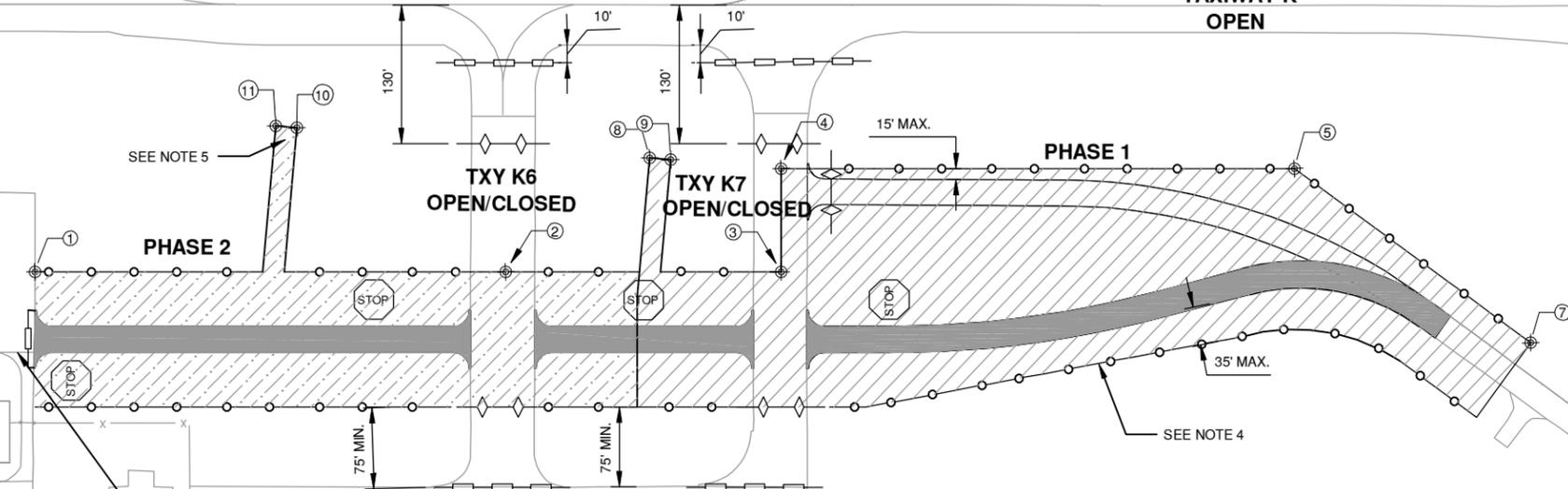
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**NOTES**

1. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE AIR WISCONSIN RAMP AT ALL TIMES DURING CONSTRUCTION. EITHER TAXIWAY K6 OR TAXIWAY K7 SHALL REMAIN OPEN.
2. CONSTRUCTION TRAFFIC SHALL STOP AND YIELD TO AIRCRAFT TRAFFIC WHEN ENTERING OPERATIONAL NON-MOVEMENT AREA.
3. THE CONTRACTOR SHALL MAINTAIN VACUUM TYPE STREET CLEANING ENVIRONMENT WHEN USING PAVEMENT THAT IS OPEN TO AIRCRAFT OPERATIONS. CONTINUOUS CLEANING SHALL BE DONE WHEN USING OPEN PAVEMENTS FOR HAULING OPERATIONS.
4. THE CONTRACTOR SHALL INSTALL THE CONSTRUCTION SETBACK LINE AS SHOWN IN ORDER TO AVOID THE U.S. FISH AND WILDLIFE SERVICE WETLANDS IN THIS AREA. WORK AND OPERATIONS CANNOT ENCROACH INTO THIS AREA.
5. THE CONTRACTOR SHALL AT ALL TIMES REMAIN AT LEAST 95 FEET FROM THE CENTERLINE OF TAXIWAY K TO COMPLETE STORM SEWER AND TURFING WORK IN THIS AREA.

TAXIWAY K  
OPEN



CRITICAL POINT TABLE			
POINT	LATITUDE	LONGITUDE	ELEVATION
1	N41° 26' 35.24"	W90° 30' 13.07"	578.20
2	N41° 26' 35.15"	W90° 30' 07.28"	577.70
3	N41° 26' 35.09"	W90° 30' 03.90"	577.83
4	N41° 26' 36.05"	W90° 30' 03.87"	576.73
5	N41° 26' 35.95"	W90° 29' 57.56"	575.99
7	N41° 26' 34.29"	W90° 29' 54.70"	576.01
8	N41° 26' 36.17"	W90° 30' 05.48"	577.00
9	N41° 26' 36.15"	W90° 30' 05.22"	577.00
10	N41° 26' 36.52"	W90° 30' 09.81"	578.00
11	N41° 26' 36.54"	W90° 30' 10.07"	578.00

THE CONTRACTOR'S OPERATIONS MUST PROCEED IN SUCH A WAY THAT THERE ARE NO CONFLICTS WITH OUTSIDE VEHICULAR TRAFFIC THRU THIS AREA

AIR WISCONSIN RAMP

CONTRACTOR'S STAGING, STORAGE AND PARKING AREA

CONTRACTOR'S ACCESS THROUGH EXISTING GATE

METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS  
 CONSTRUCT SOUTH SERVICE ROAD  
 CONSTRUCTION ACTIVITY PLAN 1

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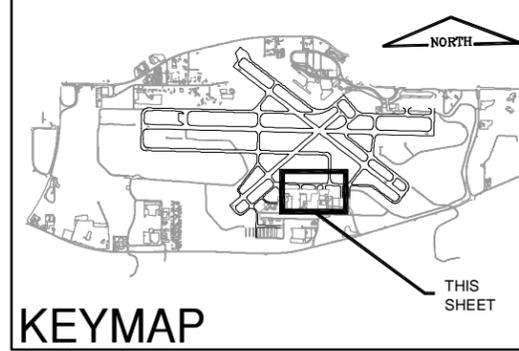
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SHEET 05 OF 47 SHEETS	

**LEGEND**

-  PHASE 2 WORK AREA
-  PHASE 4 WORK AREA
-  PHASE 4A - ADDITIVE ALTERNATE NO. 2 WORK AREA
-  NEW PAVEMENT IN PLACE
-  BARRICADES LINE - SEE DETAIL
-  PROPOSED CONSTRUCTION SET BACK - SEE DETAIL
-  LOW PROFILE BARRICADES (NO SPACE ON PVMT EDGE)
-  TAXIWAY OBJECT FREE AREA
-  CONTRACTOR'S ACCESS
-  AIRCRAFT TRAFFIC
-  STOP AND YIELD TO AIRCRAFT TRAFFIC

**NOTES**

1. SEE NOTES 2 AND 3 ON PHASE 1 CONSTRUCTION ACTIVITY PLAN.
2. PHASE 1 & 2 STOP SIGNS SHALL REMAIN IN PLACE DURING PHASES 2, 4 & 5.
3. CONTRACTOR SHALL COORDINATE MARKING IN PHASE 5 WITH TENANT AND AIRPORT THROUGH RESIDENT ENGINEER. WORK IN THAT PHASE MAY BE DIVIDED INTO SEPARATE OPERATIONS TO FACILITATE TENANT OPERATIONS.
4. PHASE 4A WILL BE REQUIRED ONLY IF ADDITIVE ALTERNATE NO. 2 IS AWARDED.



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 PLOT DATE: 5/14/2013 12:37 PM

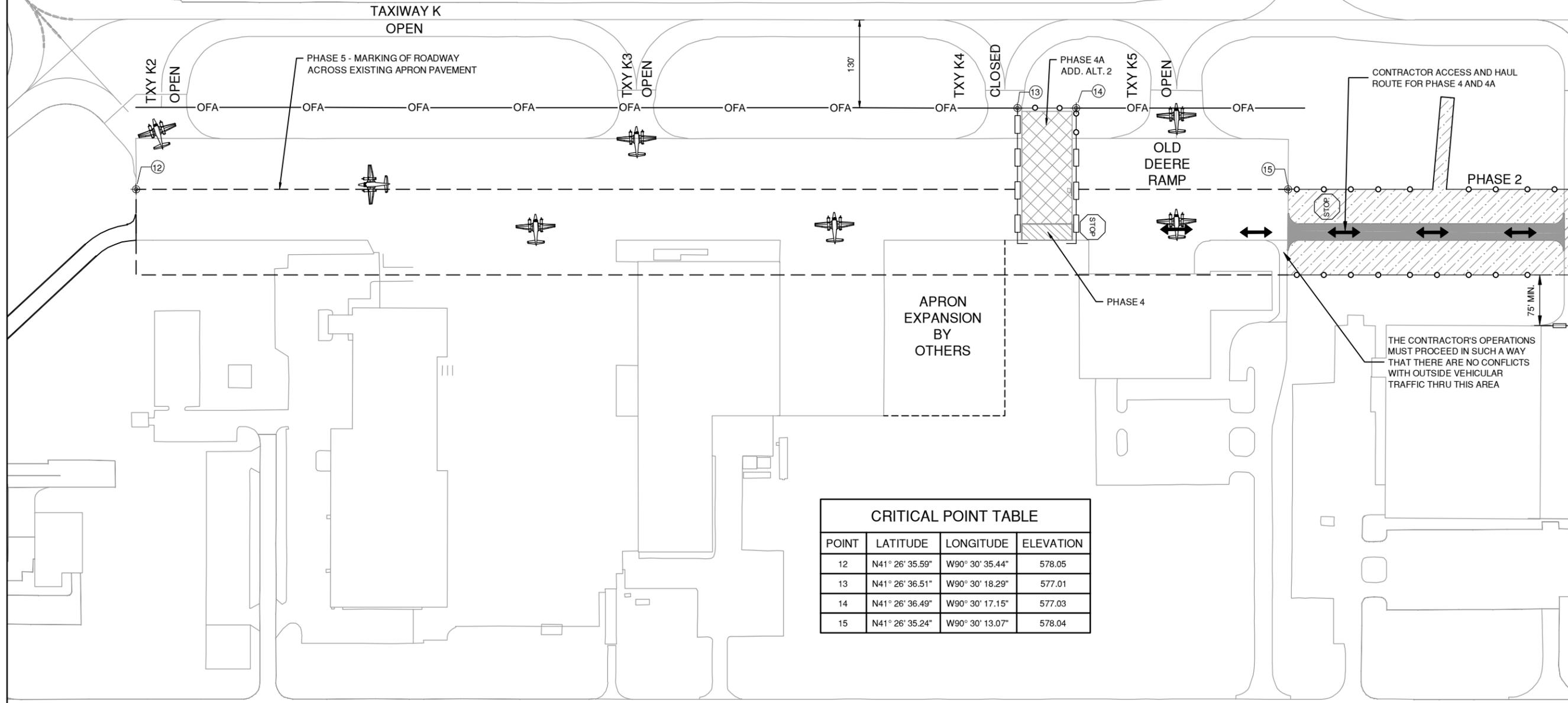
quad-plan  
 BASE\_PROPGEO  
 KEYMAP

**QU016**

REVISIONS

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34x22).



POINT	LATITUDE	LONGITUDE	ELEVATION
12	N41° 26' 35.59"	W90° 30' 35.44"	578.05
13	N41° 26' 36.51"	W90° 30' 18.29"	577.01
14	N41° 26' 36.49"	W90° 30' 17.15"	577.03
15	N41° 26' 35.24"	W90° 30' 13.07"	578.04

**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**

**CONSTRUCT SOUTH SERVICE ROAD  
 CONSTRUCTION ACTIVITY PLAN 2**

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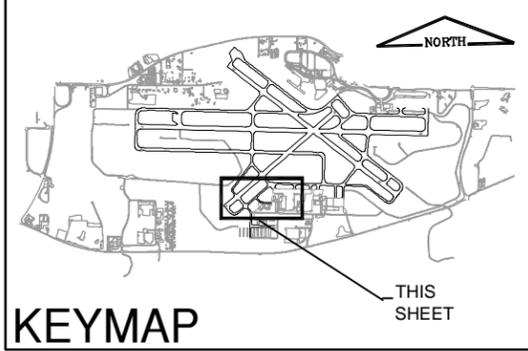
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IL PROJ. NO. MLI-4263 AIP PROJ. NO. 3-17-0068-XX	
SHEET 06 OF 47 SHEETS	

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CRITICAL POINT TABLE			
POINT	LATITUDE	LONGITUDE	ELEVATION
16	N41° 26' 28.90"	W90° 30' 45.71"	576.00
17	N41° 26' 31.80"	W90° 30' 41.57"	576.08
18	N41° 26' 32.04"	W90° 30' 41.22"	576.16
19	N41° 26' 35.34"	W90° 30' 36.32"	576.51
20	N41° 26' 35.34"	W90° 30' 35.30"	578.01
21	N41° 26' 31.52"	W90° 30' 43.70"	575.60
22	N41° 26' 31.58"	W90° 30' 43.45"	575.60
23	N41° 26' 33.35"	W90° 30' 40.58"	573.00
24	N41° 26' 33.54"	W90° 30' 40.51"	573.00

LEGEND	
	NEW PAVEMENT
	PHASE 3 WORK AREA
	BARRICADES LINE - SEE DETAIL
	PROPOSED CONSTRUCTION SET BACK LINE - SEE DETAIL
	LOW PROFILE BARRICADES
	TAXIWAY OBJECT FREE AREA
	CONTRACTOR'S ACCESS
	AIRCRAFT AND CONTRACTOR TRAFFIC
	STOP AND YIELD TO AIRCRAFT TRAFFIC



FILE: CONACT03.dwg  
 UPDATE BY: Andrew Huebner  
 PLOT DATE: 5/14/2013 12:37 PM

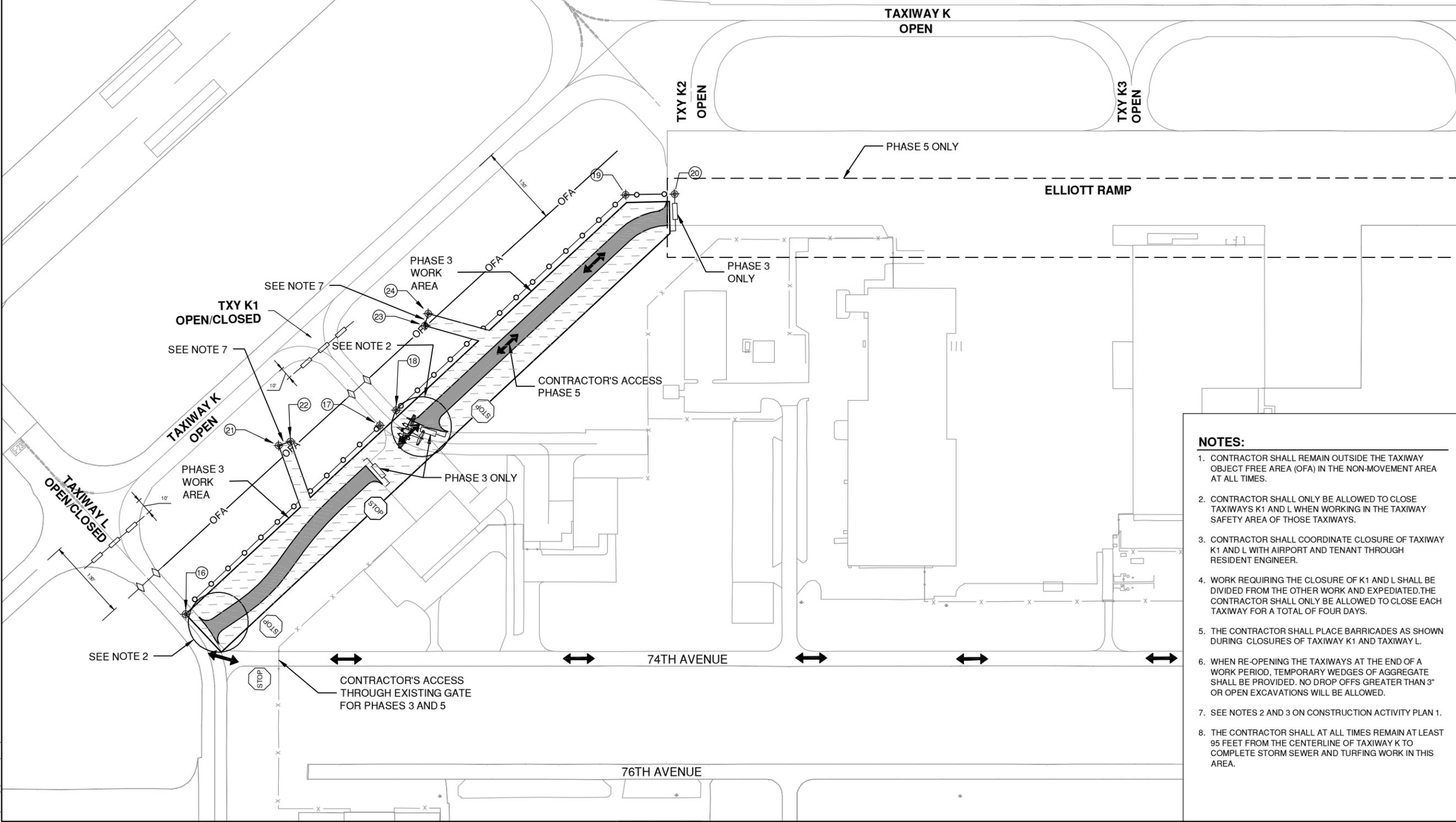
quad-plan  
 BASE: PROPGEO  
 KEYMAP

**QU016**

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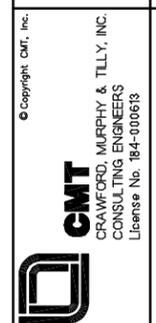
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 AT FULL SCALE (34X22).



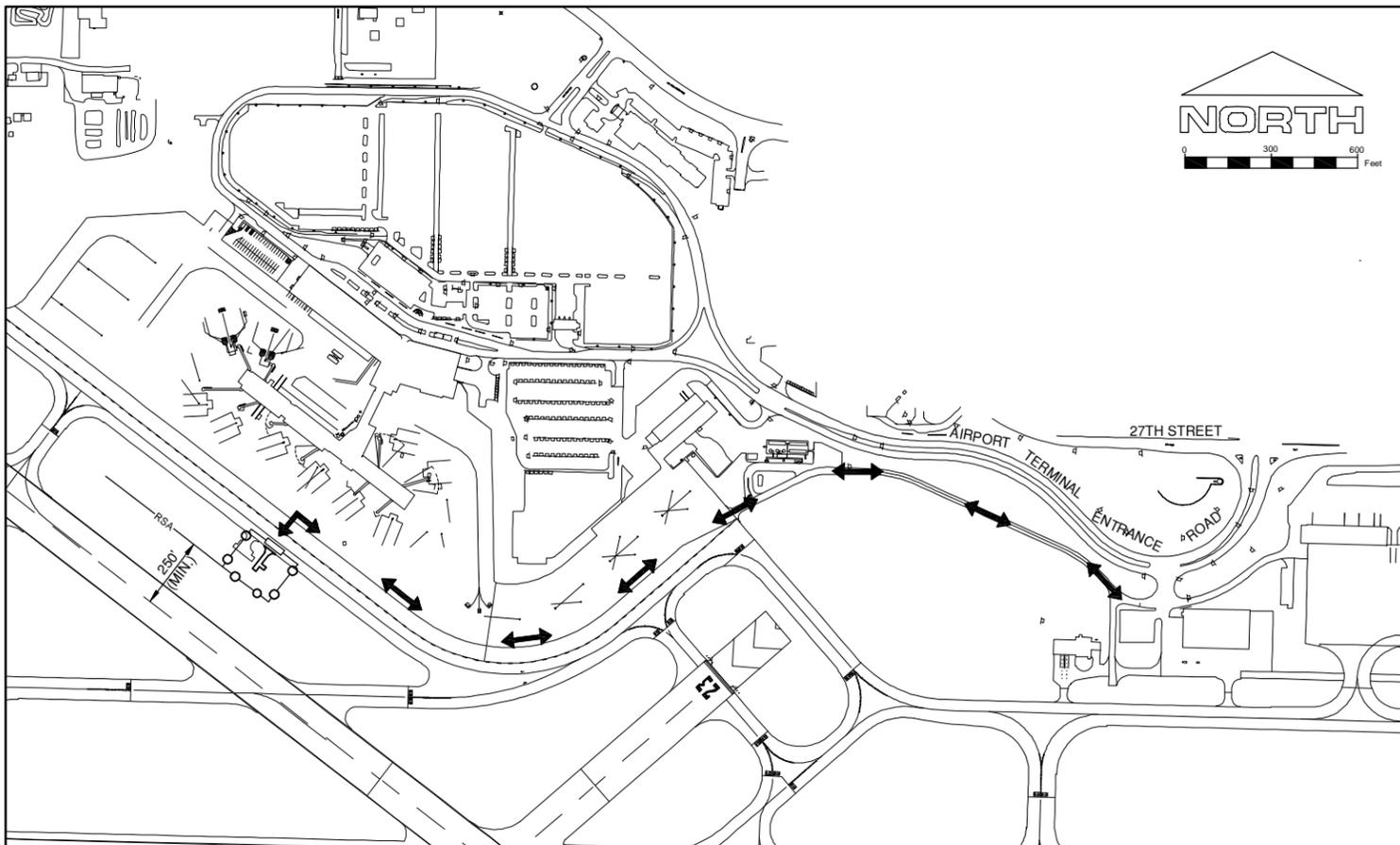
- NOTES:**
- CONTRACTOR SHALL REMAIN OUTSIDE THE TAXIWAY OBJECT FREE AREA (OFA) IN THE NON-MOVEMENT AREA AT ALL TIMES.
  - CONTRACTOR SHALL ONLY BE ALLOWED TO CLOSE TAXIWAYS K1 AND L WHEN WORKING IN THE TAXIWAY SAFETY AREA OF THOSE TAXIWAYS.
  - CONTRACTOR SHALL COORDINATE CLOSURE OF TAXIWAY K1 AND L WITH AIRPORT AND TENANT THROUGH RESIDENT ENGINEER.
  - WORK REQUIRING THE CLOSURE OF K1 AND L SHALL BE DIVIDED FROM THE OTHER WORK AND EXPEDIATED. THE CONTRACTOR SHALL ONLY BE ALLOWED TO CLOSE EACH TAXIWAY FOR A TOTAL OF FOUR DAYS.
  - THE CONTRACTOR SHALL PLACE BARRICADES AS SHOWN DURING CLOSURES OF TAXIWAY K1 AND TAXIWAY L.
  - WHEN RE-OPENING THE TAXIWAYS AT THE END OF A WORK PERIOD, TEMPORARY WEDGES OF AGGREGATE SHALL BE PROVIDED. NO DROP OFFS GREATER THAN 3" OR OPEN EXCAVATIONS WILL BE ALLOWED.
  - SEE NOTES 2 AND 3 ON CONSTRUCTION ACTIVITY PLAN 1.
  - THE CONTRACTOR SHALL AT ALL TIMES REMAIN AT LEAST 95 FEET FROM THE CENTERLINE OF TAXIWAY K TO COMPLETE STORM SEWER AND TURFING WORK IN THIS AREA.

**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**  
**CONSTRUCT SOUTH SERVICE ROAD  
 CONSTRUCTION ACTIVITY PLAN 3**

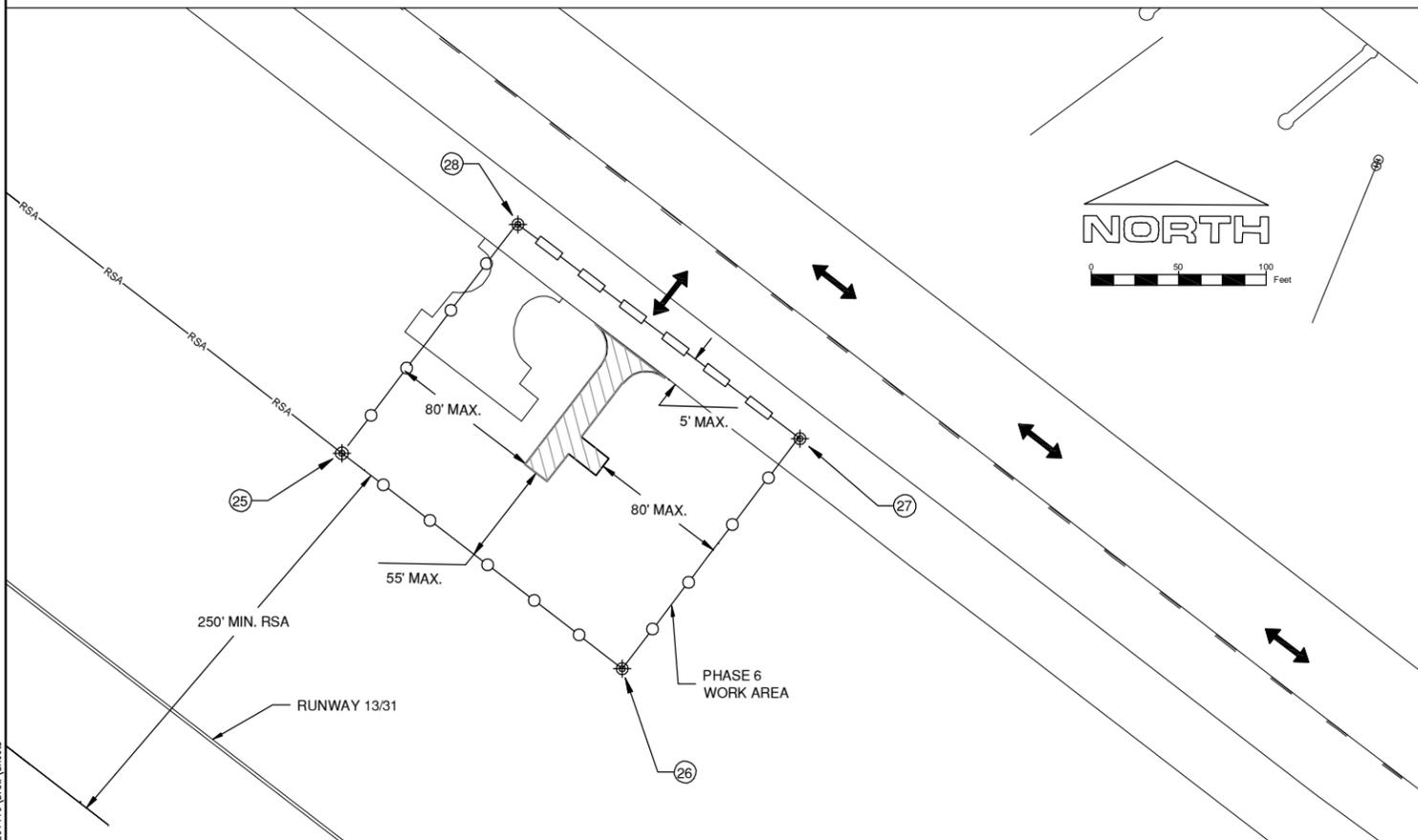


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DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
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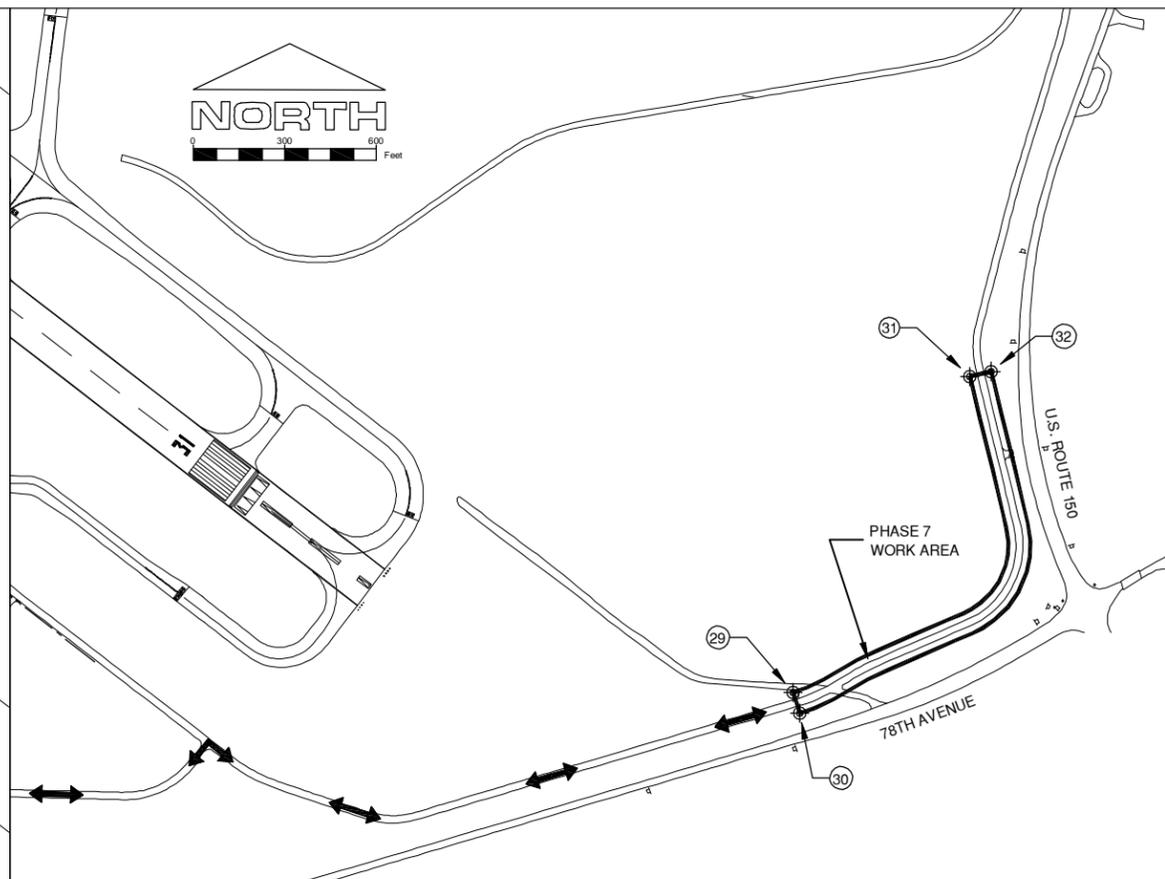
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**PHASE 6 - ADDITIVE ALTERNATE NO. 1 - ACCESS**



**PHASE 6 - ADDITIVE ALTERNATE NO. 1**



**PHASE 7**

**LEGEND**

- PROPOSED CONSTRUCTION SET BACK LINE - SEE DETAIL
- LOW PROFILE BARRICADES (NO SPACE)
- RSA
- CONTRACTOR'S ACCESS
- PHASE 6 PROPOSED PAVEMENT

**NOTES**

1. PHASE 6 WILL ONLY BE REQUIRED IF ADDITIVE ALTERNATE NO. 1 IS AWARDED.
2. TRUCKS HAULING MATERIAL TO OR FROM THE SITE SHALL BE ESCORTED BY CONTRACTOR VEHICLES. ESCORTS SHALL BE BADGED AND TRAINED TO OPERATE VEHICLES ON AIRCRAFT MOVEMENT AREAS.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH AIRPORT THROUGH RESIDENT ENGINEER. THE CONTRACTOR MAY BE REQUIRED TO CLOSE THE ADJACENT TAXIWAY WITH BARRICADES.
4. WORK SHALL BE EXPEDITED TO MINIMIZE CLOSURE TIME.
5. CONTRACTOR SHALL HAVE FOUR WORKING DAYS TO COMPLETE WORK IN PHASE 6.
6. AT THE END OF EACH WORKING PERIOD, THE CONTRACTOR SHALL RE-OPEN THE ADJACENT TAXIWAY. TEMPORARY ROCK WEDGES SHALL BE PROVIDED. NO DROP OFFS GREATER THAN 3" OR OPEN EXCAVATIONS WILL BE ALLOWED IN THE TAXIWAY SAFETY AREA.
7. SEE NOTES 2 AND 3 ON CONSTRUCTION ACTIVITY PLAN 1.
8. CONTRACTOR MAY PERFORM PHASES 6 AND 7 CONCURRENTLY WITH ANY OTHER PHASE.
9. PHASE 7 WILL CONSIST OF MARKING THE CENTERLINE DASHES ON THE EXISTING SERVICE ROAD. THE CONTRACTOR SHALL COORDINATE THIS PHASE WITH THE RESIDENT ENGINEER AND THE AIRPORT AND WILL COMPLETE THIS WORK WITHOUT SIGNIFICANT IMPACT TO THE SERVICE ROAD TRAFFIC.

**CRITICAL POINT TABLE**

POINT	LATITUDE	LONGITUDE	ELEVATION
25	N41° 27' 06.27"	W90° 30' 29.95"	586.50
26	N41° 27' 05.06"	W90° 30' 27.84"	585.00
27	N41° 27' 06.36"	W90° 30' 26.51"	588.50
28	N41° 27' 07.56"	W90° 30' 28.64"	588.50
29	N41° 26' 30.75"	W90° 29' 21.19"	579.50
30	N41° 26' 30.07"	W90° 29' 20.89"	579.50
31	N41° 26' 40.98"	W90° 29' 13.61"	571.20
32	N41° 26' 41.15"	W90° 29' 12.70"	571.20

FILE: CONACT04.dwg  
 UPDATE BY: Andrew Huebner  
 PLOT DATE: 5/14/2013 12:37 PM

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 THIS BAR IS EQUAL TO 2" AT FULL SCALE (34x22).

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 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS

CONSTRUCT SOUTH SERVICE ROAD  
 CONSTRUCTION ACTIVITY PLAN 4

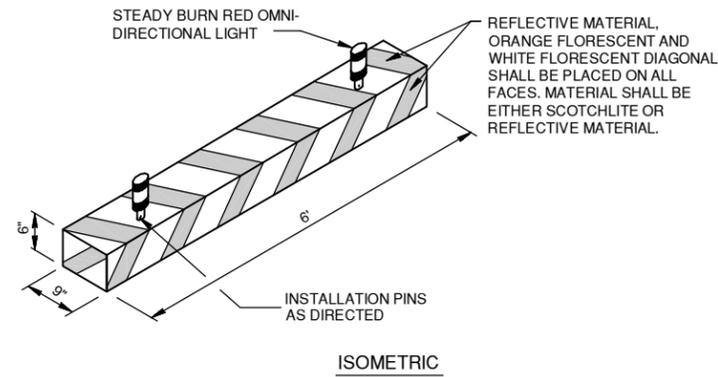
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 DATE: APRIL 19, 2013  
 JOB No: 12014-10

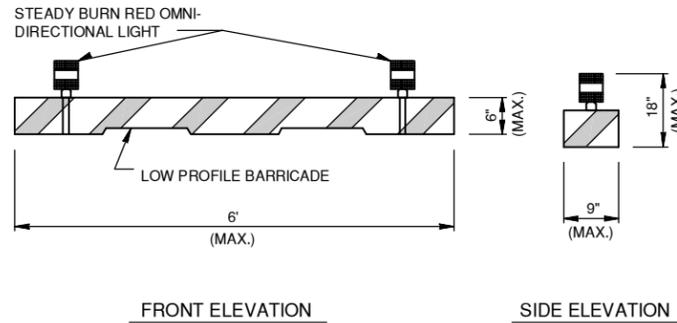
IL. PROJ. NO. MLI-4263  
 AIP PROJ. NO. 3-17-0068-XX

**BEAM BARRICADE NOTES**

- 1.) BARRICADE SHALL BE WEIGHTED TO WITHSTAND DISPLACEMENT BY JET OR PROP BLAST.
- 2.) BARRICADE SHALL BE EASILY COLLAPSIBLE UPON CONTACT WITH AIRCRAFT.
- 3.) PLACE AT 10' INTERVALS.
- 4.) NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.



ISOMETRIC

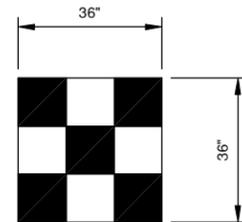


FRONT ELEVATION

SIDE ELEVATION

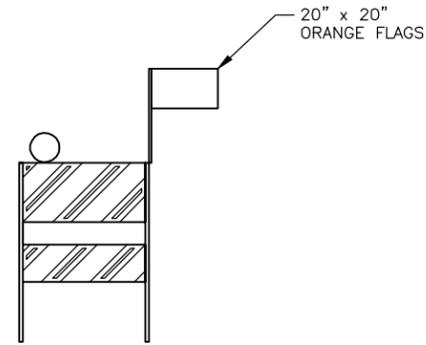
**BEAM BARRICADE DETAILS**

N.T.S.



**CONSTRUCTION EQUIPMENT AND TRUCK SIGNAL FLAG**

N.T.S.

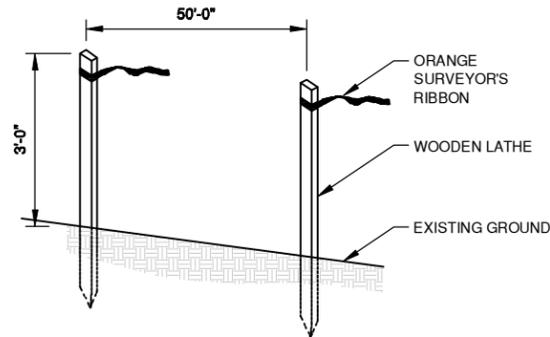


**FLASHER BARRICADE DETAIL-IDOT TYPE 1**

N.T.S.

**FLASHER BARRICADE NOTES**

1. FLASHERS TO BE BATTERY OPERATED. LENS TO BE RED AND BE ABLE TO ROTATE 90 DEGREES.
2. SANDBAGS TO BE PLACED ON EACH SUPPORT BRACE AS REQUIRED TO PREVENT DISPLACEMENT BY WIND, JET OR PROP BLAST.
3. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
4. PLACE AT 10' INTERVALS.



**CONSTRUCTION SETBACK LINE DETAIL**

N.T.S.

**SECURITY NOTES**

1. MAINTAINING THE SECURITY REQUIREMENTS OF THE AIRPORT SHALL BE A PRIMARY CONCERN FOR THE CONTRACTOR.
2. AT NO TIME ARE UNSUPERVISED GATE OPENINGS PERMITTED AT THE AIRPORT. IF THE PROPOSED WORK REQUIRES GATE OPENING, THE CONTRACTOR SHALL PROVIDE A GUARD TO PREVENT UNAUTHORIZED ACCESS. THE CONTRACTOR SHALL SECURE THE GATE AT THE COMPLETION OF THE WORK DAY.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING AIRPORT SECURITY BY SUPERVISING OPENINGS OR MAINTAINING THE AIRPORT PERIMETER FENCE LINE AT ALL TIMES DURING THE COURSE OF THE WORK.
4. FINES CAN BE LEVIED AGAINST THE CONTRACTOR BY THE TRANSPORTATION SECURITY ADMINISTRATION (TSA) FOR NEGLIGENCE IF THE AIRPORT SECURITY IS COMPROMISED AND THE AIRPORT PERIMETER FENCE LINE IS NOT MAINTAINED AS SPECIFIED ABOVE. FINES CAN ALSO BE LEVIED AGAINST THE CONTRACTOR FOR FAILURE TO COOPERATE WITH THE AIRPORT MANAGEMENT AS REQUIRED TO MAINTAIN AIRPORT SECURITY.

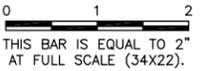
**CONSTRUCTION ACTIVITY PLAN GENERAL NOTES**

1. THE CONTRACTOR SHALL PLAN AND CONDUCT HIS WORK SO AS TO NOT INTERFERE OR HINDER THE PROGRESS OR WORK BEING PERFORMED BY OTHER CONTRACTORS.
2. THE TIMELY PROSECUTION OF THE OVERALL PROJECT IS DEPENDENT UPON THE PROPER COORDINATION BETWEEN CONTRACTORS.
3. IT SHALL BE FULLY UNDERSTOOD BY THE CONTRACTOR THAT THE PROSECUTION OF THE OVERALL PROJECT ARE THE GOVERNING CRITERIA FOR RESOLVING CONFLICTS WHICH MAY ARISE BETWEEN HIS SCHEDULE AND THE SCHEDULE OF OTHER CONTRACTORS.
4. WHEN CONFLICTS ARISE, RESOLUTION OF SUCH CONFLICTS WILL BE MADE BY THE AIRPORT THROUGH THE RESIDENT ENGINEER IN THE BEST INTEREST OF THE AIRPORT AND THE PROJECT.
5. DELAYS, CHANGES IN SCHEDULING OR THE EXPEDITION OF WORK UNDER THIS CONTRACT TO PROVIDE FOR THE TIMELY PROSECUTION OF THE PROJECT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. VEHICLE ACCESS ON PERIMETER ROADS SHALL BE MAINTAINED THROUGH OUT THE PROJECT.
7. THE CONTRACTOR SHALL BE AWARE THAT DAILY OPERATION OF THE AIRPORT WILL CONTINUE THROUGHOUT THIS PROJECT. AS A RESULT, DAILY COORDINATION WILL BE NECESSARY TO LIMIT DISRUPTION TO AIRPORT/TENANT AND CONTRACTOR OPERATIONS.
8. CONTRACTOR'S STAGING, STORAGE, AND PARKING WILL BE AS SHOWN ON THE CONSTRUCTION ACTIVITY PLANS.
9. THE CONTRACTOR SHALL PLACE ALL BARRICADES, CONSTRUCTION SETBACK LINES, AND EROSION CONTROL ITEMS AS SHOWN PRIOR TO INITIATING WORK IN EACH PHASE. ALL COSTS TO FURNISH, INSTALL, AND MAINTAIN THESE ITEMS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
10. CONSTRUCTION RELATED ITEMS REQUIRING THE CLOSURE OF RUNWAYS AND/OR TAXIWAYS SHALL REQUIRE A MINIMUM OF 72 HOURS NOTICE TO COORDINATION WITH THE AIRPORT AND FAA. NO EXTENSION TO CONTRACT TIME WILL BE GIVEN FOR DELAYS CAUSED BY LACK OF ADEQUATE COORDINATION.
11. CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
  - A. THE CONTRACTOR'S ACCESS TO WORK SHALL BE AS SHOWN IN THE PLANS.
  - B. THE CONTRACTOR SHALL COMPLETE A SECURITY FORM FOR ALL PERSONNEL HE PROPOSES TO USE ON THE AIRPORT. THESE FORMS SHALL BE COMPLETED PRIOR TO THAT PERSON BEING ALLOWED ON THE AIRFIELD. A LIST OF PERSONNEL AUTHORIZED TO WORK ON THE AIRFIELD SHALL BE PROVIDED TO THE AIRPORT OPERATIONS BY THE CONTRACTOR.
  - C. THE CONTRACTOR SHALL USE EXISTING GATES AS CALLED OUT IN THE PLANS, FOR ACCESS TO THE AIRFIELD.
  - D. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND TEMPORARY EASEMENTS FOR THE PUBLIC ACCESS ROAD(S) SHOWN AND SHALL COMPLY WITH ALL REQUIREMENTS, LOAD RESTRICTIONS, & TRAFFIC CONTROL SIGNAGE REQUIRED BY THE CITY, COUNTY, TOWNSHIP, OR I.D.O.T.
  - E. DURING ADVERSE WEATHER THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE WORK AT NO ADDITIONAL COST TO THE CONTRACT. NO EXTENSION OF THE CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS TO THE WORK SITE.
  - F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ACCESS GATE(S) CLOSED DURING WORK HOURS. THE CONTRACTOR SHALL POST A COMPETENT SECURITY GUARD TO CONTROL ACCESS AT THE GATE. THE CONTRACTOR SHALL REPLACE ANY UNSATISFACTORY SECURITY GUARDS AS DIRECTED.
  - G. THE CONTRACTOR SHALL CLOSE AND SECURE THE ACCESS GATE(S) UPON LEAVING THE SITE.
  - H. ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  - I. THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN SUCH A WAY AS NOT TO VIOLATE AIRPORT PART 77 SURFACES, OR RUNWAY SAFETY AREAS AND TAXIWAY OBJECT FREE AREAS.
  - J. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ACTIVE AIRFIELD PAVEMENTS WHICH ARE USED BY HIS VEHICLES ACCESSING THE WORK OR DEPARTING THE WORK IMMEDIATELY FOLLOWING SAID VEHICLE.

**QU016**

REVISIONS

NUMBER	BY	DATE



**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**  
**CONSTRUCT SOUTH SERVICE ROAD  
 CONSTRUCTION ACTIVITY PLAN DETAILS**

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SHEET 09 OF 47 SHEETS	

GENERAL

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

1. COORDINATION

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

2. PHASING

- 1. TOTAL CONTRACT TIME SHALL BE 56 CALENDAR DAYS AND NO ADDITIONAL CALENDAR DAYS WILL BE ADDED FOR COMPLETION OF EITHER OR BOTH OF THE ADDITIVE ALTERNATES IF AWARDED.
2. PHASING SHALL BE AS NOTED BELOW AND AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEET.

PHASING - WORK DETAIL NOTES

- 1. THE WORK SHALL CONSIST OF THE CONSTRUCTION OF THE EMBANKMENT, STORM DRAINAGE, SUBGRADE, AGGREGATE BASE, HMA PAVEMENT, AND MARKING ON THE NEW SOUTH SERVICE ROAD.
2. THE WORK SHALL ALSO CONSIST OF ADDITIVE ALTERNATE NO. 1 WHICH WILL CONSIST OF THE CONSTRUCTION OF SUBGRADE, AGGREGATE BASE, HMA PAVEMENT, AND MARKING ON THE VAULT ACCESS ROAD.
3. THE WORK SHALL ALSO CONSIST OF ADDITIVE ALTERNATE NO. 2 WHICH WILL CONSIST OF REMOVAL OF THE FUEL TANKS.

3. AREAS AND OPERATIONS AFFECTED BY THE CONSTRUCTION ACTIVITY

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

4. PROTECTION OF NAVIGATION AIDS (NAVAIDS)

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

5. CONTRACTOR ACCESS

- 1. CONTRACTOR ACCESS SHALL BE AS NOTED BELOW AND AS SHOWN ON THE SITE PLAN AND CONSTRUCTION ACTIVITY PLAN SHEETS.
2. THE CONTRACTOR IS TO ACCESS THE SITE USING THE GATES SHOWN.
3. CERTAIN CONTRACTOR EMPLOYEES SHALL OBTAIN AN AIRPORT IDENTIFICATION BADGE. THIS CONSISTS OF FILLING OUT ALL NECESSARY PAPERWORK, FINGERPRINTING, ATTENDING AND PASSING A TRAINING CLASS CONCERNING SAFETY AND SECURITY AT THE AIRPORT. CONTRACTOR EMPLOYEES MUST MEET CERTAIN BACKGROUND CHECK CRITERIA AND THE CONTRACTOR MUST MAKE CERTAIN CERTIFICATION ABOUT EACH EMPLOYEE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINGERPRINTING COSTS. ALL COSTS ASSOCIATED WITH OBTAINING THE IDENTIFICATION BADGE SHALL BE BORNE BY THE CONTRACTOR.
4. ALL CONTRACTOR EMPLOYEES WHO ARE DESIGNATED AS DRIVERS FOR THE CONTRACTOR WITHIN THE AIRFIELD OPERATIONS AREA (AOA) SHALL ALSO ATTEND AND PASS THE AIRPORT DRIVERS TRAINING PROGRAM. ONLY THOSE INDIVIDUALS WHO RECEIVE THIS DESIGNATION WILL BE PERMITTED TO OPERATE VEHICLES OR EQUIPMENT ON THE AIRPORT. ALL COSTS ASSOCIATED WITH THE DRIVER TRAINING PROGRAM SHALL BE BORNE BY THE CONTRACTOR.
5. DRIVERS OF TRUCKS CONTAINING MATERIAL DELIVERIES (AGGREGATE, CONCRETE, ETC.) NEED NOT OBTAIN AN AIRPORT ID BADGE BUT SHALL BE REQUIRED TO SUBMIT THEIR NAME, DRIVER'S LICENSE NUMBER, TRUCK LICENSE PLATE NUMBER AND NAME OF TRUCKING COMPANY TO THE PRIME CONTRACTOR PRIOR TO ENTERING THE JOBSITE. WHILE INSIDE THE AOA, THE TRUCK DRIVERS SHALL BE ESCORTED BY THE CONTRACTOR.

- 6. CONTRACTOR WORK CREWS MUST MAINTAIN RADIO CONTACT WITH THE AIR TRAFFIC CONTROL TOWER (ATCT) AT ALL TIMES WHEN INSIDE THE AIRPORT OPERATIONS AREA (AOA). THE CONTRACTOR SHALL SUPPLY ALL APPROPRIATE RADIOS NEEDED FOR COMMUNICATIONS.
7. THE CONTRACTORS STORAGE AND STAGING AREA WILL BE AS SHOWN IN THE SITE PLAN.
8. THE CONTRACTOR SHALL KEEP A RECORD OF THE NAMES OF ALL EMPLOYEES ENTERING THE JOB SITE ON A DAILY BASIS. A RECORD OF EACH SUBCONTRACTOR ENTERING THE JOB SITE SHALL ALSO BE KEPT BY THE CONTRACTOR.
9. WHEN THE CONTRACTOR IS NOT WORKING, EQUIPMENT SHALL BE STORED AT THE STAGING AREA.
10. THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIAL STOCKPILES SHALL NOT PENETRATE SURFACES DEFINED BY F.A.R. TITLE 14 PART 77 - OBJECTS AFFECTING NAVIGABLE AIRSPACE.
11. ALL CONSTRUCTION TRAFFIC OPERATING ON, OR CROSSING RUNWAYS, TAXIWAYS AND APRONS OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER CONTROL BY A FLAGMAN OR ESCORT IN RADIO CONTACT WITH THE ATCT. THE CONTRACTOR SHALL PROVIDE HIS OWN FLAGMEN.
12. THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL CONSTRUCTION AREAS AND HAUL ROUTES, WHICH WILL BE OPENED TO AIR TRAFFIC, TO THE SATISFACTION OF AIRPORT OPERATIONS OR THE RESIDENT ENGINEER. A POWER BROOM AND OPERATOR SHALL BE ON SITE AT ALL TIMES WHEN ACTIVE PAVEMENTS ARE UTILIZED FOR CONSTRUCTION TRAFFIC.
13. ALL PAVEMENTS, DRIVES OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED TO THE SAME CONDITION OR BETTER THAN THEY WERE PRIOR TO BEGINNING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
14. ALL VEHICLE AND EQUIPMENT OPERATORS USED BY THE CONTRACTOR SHALL BE PROPERLY TRAINED BY THE CONTRACTOR.
15. THE CONTRACTOR SHALL NOTIFY THE AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) FACILITY IF CONSTRUCTION ACTIVITY WILL REQUIRE THE BLOCKAGE OF EMERGENCY ACCESS TO THE AIRPORT.

6. WILDLIFE MANAGEMENT

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

7. FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT

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

8. HAZARDOUS MATERIALS (HAZMAT) MANAGEMENT

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

9. NOTIFICATION OF CONSTRUCTION ACTIVITIES

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

AIRPORT OPERATOR

BRUCE CARTER - DIRECTOR OF AVIATION (309) 757-1732
BRYAN JOHNSON - ASSISTANT DIRECTOR OF AVIATION AND OPERATIONS (309) 757-1754

ENGINEER

CHUCK TAYLOR P.E. - PROJECT MANAGER (217) 787-8050
CMT - RESIDENT ENGINEER (217) 787-8050

10. INSPECTION REQUIREMENTS

- 1. THE CONTRACTOR SHALL INSPECT THE JOBSITE DAILY TO ENSURE COMPLIANCE WITH THE CSPP. THE CHECKLIST FOUND IN APPENDIX 3 OF FAA AC 150/5370-2F MAY BE USED TO AID IN THE INSPECTIONS.
2. THE CONTRACTOR SHALL ATTEND AN INSPECTION OF EACH PHASE WORK AREA PRIOR TO OPENING THE AREA TO AIRPORT OPERATIONS.

11. UNDERGROUND UTILITIES

- 1. IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES AT CRITICAL POINTS. THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY IN RESPECT TO THE ACCURACY, COMPLETENESS OR SUFFICIENCY OF THE INFORMATION.
2. BEFORE INITIATING ANY DIGGING, DRILLING OR EXCAVATING ON THE AIRPORT PROPERTY, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND CONTACT THE LOCAL FAA OFFICE TO ARRANGE FOR UTILITY LOCATES. SEE SECTION 70-17 OF THE SPECIAL PROVISIONS FOR UTILITY CONTACT INFORMATION.

12. PENALTIES

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

13. SPECIAL CONDITIONS

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

14. RUNWAY AND TAXIWAY VISUAL AIDS

- 1. NO RUNWAY OR TAXIWAY CLOSURES ARE REQUIRED FOR THIS PROJECT. IF ANY RUNWAY OR TAXIWAY CLOSURES ARE REQUESTED BY THE CONTRACTOR AND APPROVED BY THE AIRPORT, THE CONTRACTOR SHALL USE MARKING, LIGHTING AND SIGNS THAT FOLLOWING THE REQUIREMENTS OF FAA AC 150/5370-2F.
2. BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEET.

15. HAZARD MARKING AND LIGHTING

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

16. PROTECTION

- 1. ALL WORK REQUIRED ON AN ACTIVE TAXIWAY OR INSIDE OF AN ACTIVE TAXIWAY OBJECT FREE AREA, WHICH EXTENDS 93' FROM THE TAXIWAY CENTERLINE, WILL REQUIRE THE TAXIWAY TO BE CLOSED. THE CONTRACTOR SHALL COORDINATE WITH THE AIRPORT A MINIMUM OF 72 HOURS PRIOR TO THE REQUESTED CLOSURE TIME.

17. OTHER LIMITATIONS ON CONSTRUCTION

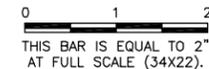
- 1. IF, DURING CONSTRUCTION, AN EMERGENCY IS DECLARED BY THE AIRPORT, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT OF ALL VEHICLES, PERSONNEL AND EQUIPMENT.
2. BROKEN CONCRETE, BROKEN ASPHALT, AND OTHER MISCELLANEOUS DEBRIS SHALL BE DISPOSED OF OFF AIRPORT PROPERTY, UNLESS OTHERWISE SPECIFIED.

FILE: CONSAFPHSGPLN.dwg
UPDATE BY: Andrew Huebner
PLOT DATE: 5/14/2013 12:37 PM

QU016

REVISIONS

Table with 3 columns: NUMBER, BY, DATE. Contains one empty row.



METROPOLITAN AIRPORT AUTHORITY OF ROCK ISLAND COUNTY
QUAD CITY INTERNATIONAL AIRPORT
MOLINE, ILLINOIS

CONSTRUCT SOUTH SERVICE ROAD
CONSTRUCTION SAFETY PHASING PLAN
NOTES

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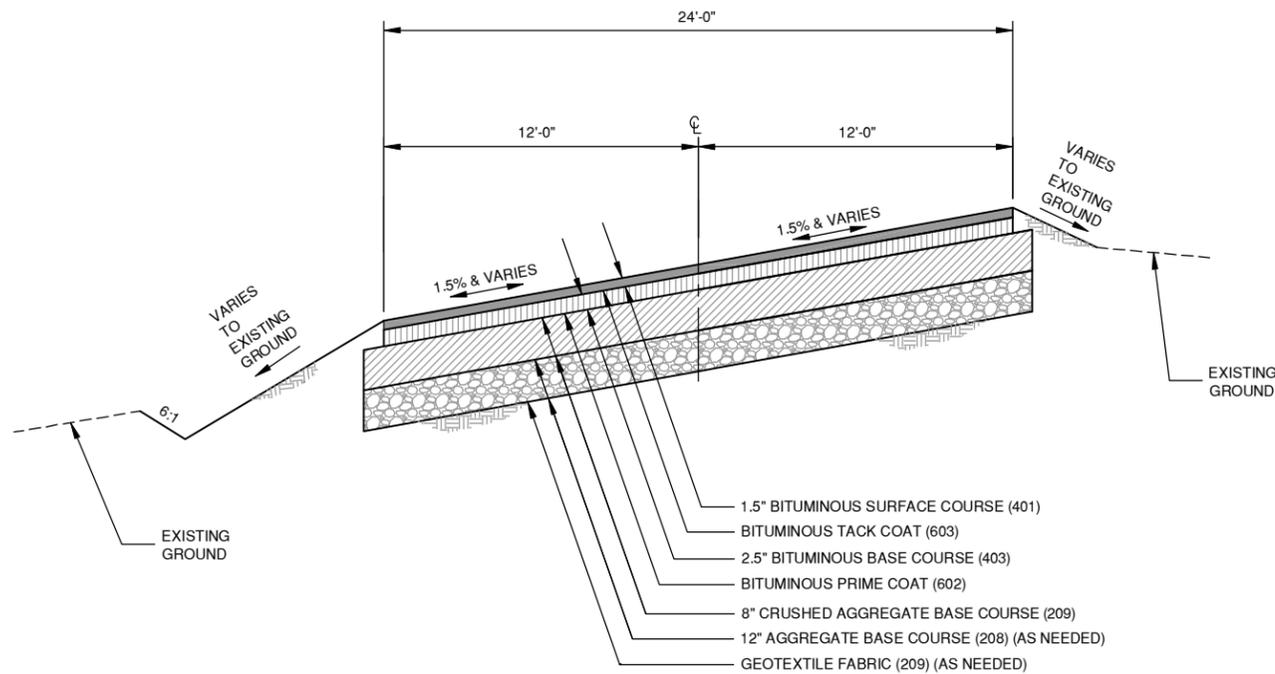
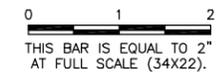


Table with 2 columns: Field Name, Value. Fields include DESIGN BY: AJH, DRAWN BY: CMT, CHECKED BY: CBG, APPROVED BY: CET, DATE: APRIL 19, 2013, JOB No: 12014-10, IL PROJ. NO. MI-4263, AIP PROJ. NO. 3-17-0068-XX, SHEET 10 OF 47 SHEETS.

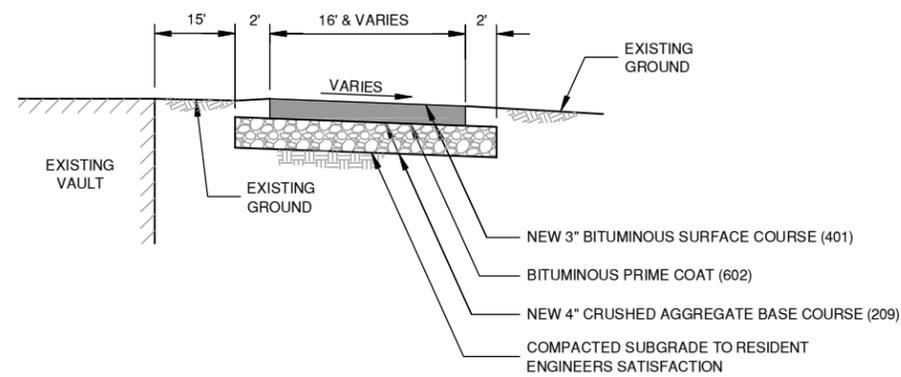
**QU016**

REVISIONS

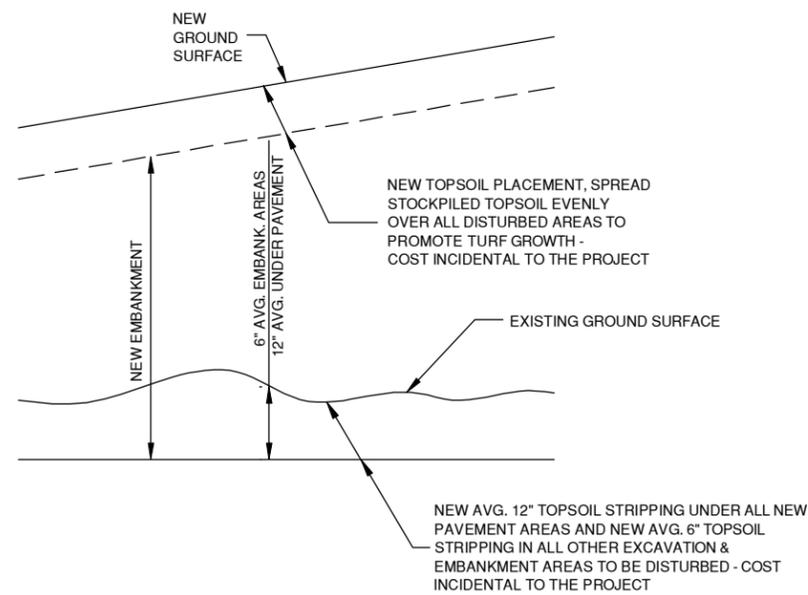
NUMBER	BY	DATE



**PROPOSED SOUTH SERVICE ROAD  
 TYPICAL SECTION**



**ADDITIVE ALTERNATE 1:  
 PROPOSED VAULT ACCESS ROAD  
 TYPICAL SECTION**



**TOPSOIL STRIPPING DETAIL**

N.T.S.

METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS  
 CONSTRUCT SOUTH SERVICE ROAD  
 TYPICAL SECTIONS

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IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	11 OF 47 SHEETS

NORTH

0 50 100 Feet

FILE: EXCON01.dwg  
UPDATE BY: Andrew Huebner  
PLOT DATE: 5/14/2013 12:38 PM

quad-plan  
120141001-V-VF3D  
KEYMAP  
BASE\_PROPGEO  
MLL\_Base\_Ext\_Util-WORK PROJECT

QU016

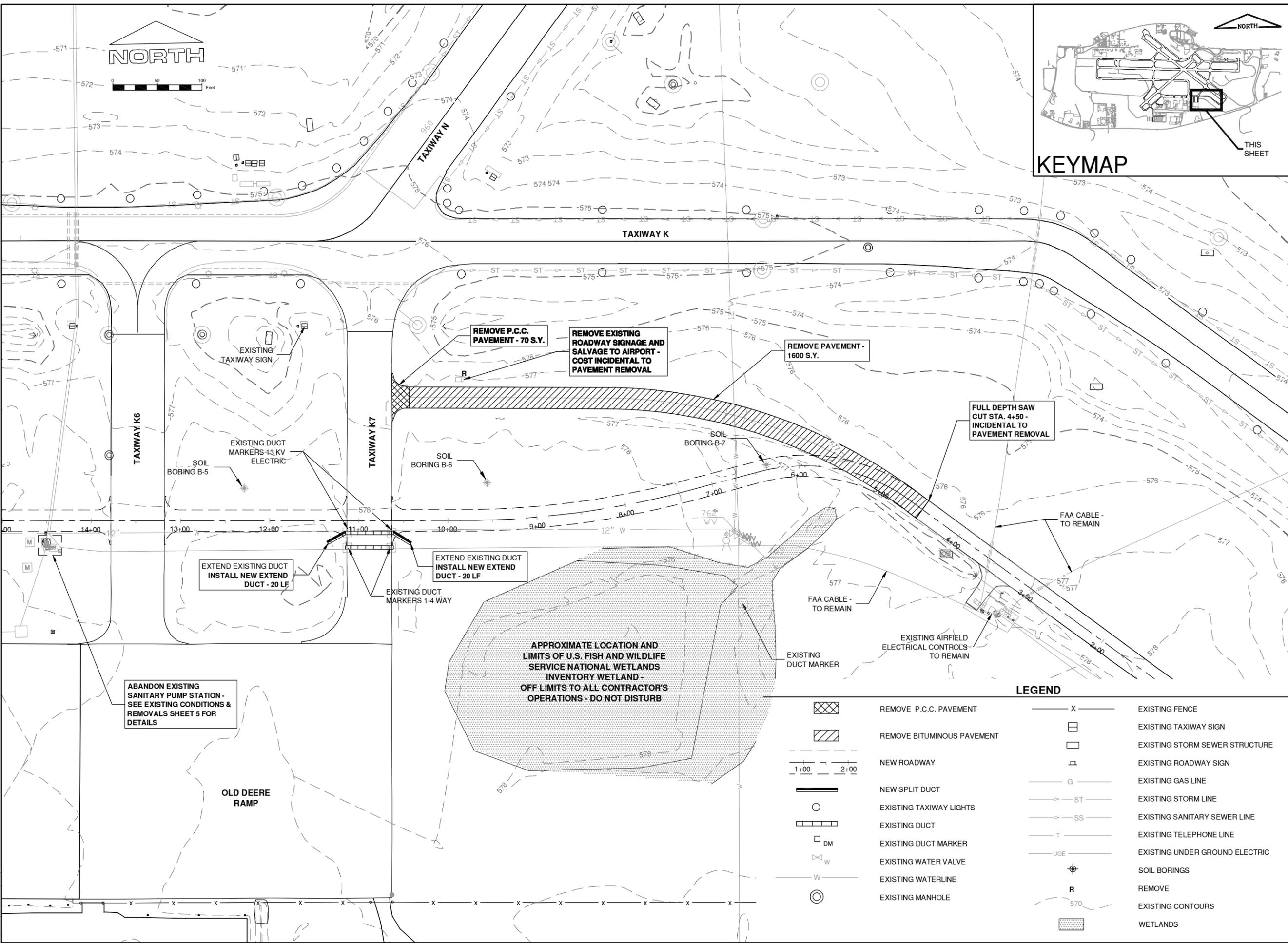
REVISIONS

NUMBER	BY	DATE

0 1 2  
THIS BAR IS EQUAL TO 2"  
AT FULL SCALE (34X22).

KEYMAP

THIS SHEET



REMOVE P.C.C. PAVEMENT - 70 S.Y.

REMOVE EXISTING ROADWAY SIGNAGE AND SALVAGE TO AIRPORT - COST INCIDENTAL TO PAVEMENT REMOVAL

REMOVE PAVEMENT - 1600 S.Y.

FULL DEPTH SAW CUT STA. 4+50 - INCIDENTAL TO PAVEMENT REMOVAL

EXTEND EXISTING DUCT INSTALL NEW EXTEND DUCT - 20 LF

EXTEND EXISTING DUCT INSTALL NEW EXTEND DUCT - 20 LF

ABANDON EXISTING SANITARY PUMP STATION - SEE EXISTING CONDITIONS & REMOVALS SHEET 5 FOR DETAILS

APPROXIMATE LOCATION AND LIMITS OF U.S. FISH AND WILDLIFE SERVICE NATIONAL WETLANDS INVENTORY WETLAND - OFF LIMITS TO ALL CONTRACTOR'S OPERATIONS - DO NOT DISTURB

LEGEND

	REMOVE P.C.C. PAVEMENT		EXISTING FENCE
	REMOVE BITUMINOUS PAVEMENT		EXISTING TAXIWAY SIGN
	NEW ROADWAY		EXISTING STORM SEWER STRUCTURE
	NEW SPLIT DUCT		EXISTING ROADWAY SIGN
	EXISTING TAXIWAY LIGHTS		EXISTING GAS LINE
	EXISTING DUCT		EXISTING STORM LINE
	EXISTING DUCT MARKER		EXISTING SANITARY SEWER LINE
	EXISTING WATER VALVE		EXISTING TELEPHONE LINE
	EXISTING WATERLINE		EXISTING UNDER GROUND ELECTRIC
	EXISTING MANHOLE		SOIL BORINGS
			REMOVE
			EXISTING CONTOURS
			WETLANDS

METROPOLITAN AIRPORT AUTHORITY  
OF ROCK ISLAND COUNTY  
QUAD CITY INTERNATIONAL AIRPORT  
MOLINE, ILLINOIS

CONSTRUCT SOUTH SERVICE ROAD  
EXISTING CONDITIONS & REMOVALS 1

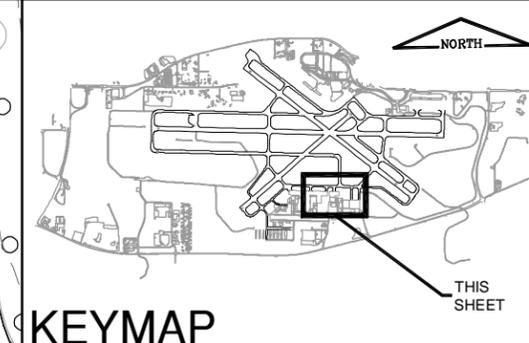
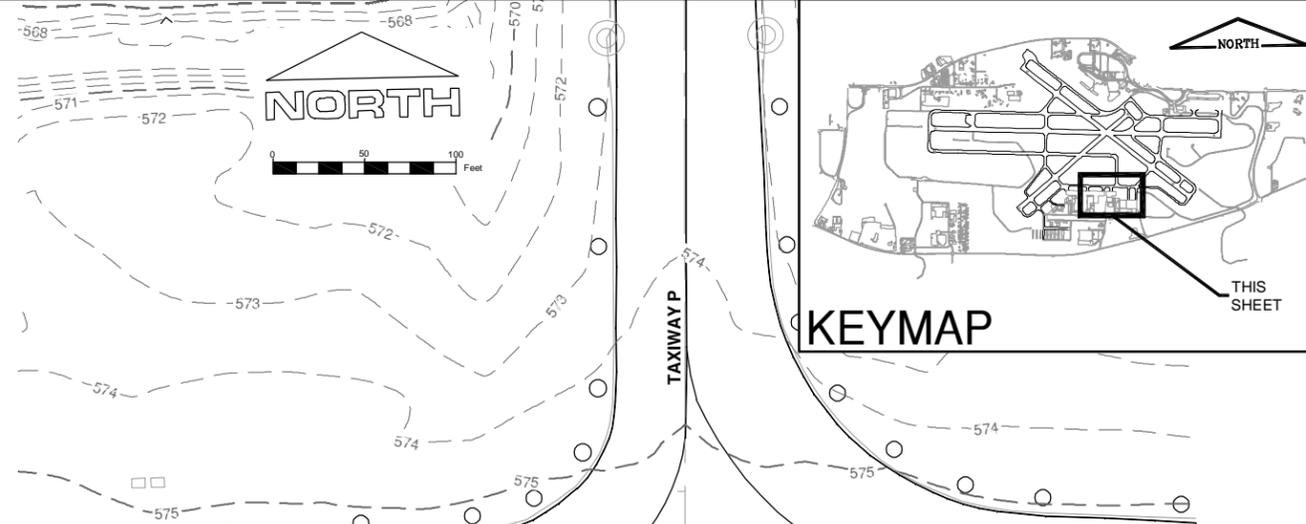
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APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL. PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	12 OF 47 SHEETS

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LEGEND			
	REMOVE P.C.C. PAVEMENT		EXISTING FENCE
	REMOVE BITUMINOUS PAVEMENT		EXISTING TAXIWAY SIGN
	NEW ROADWAY		EXISTING STORM SEWER STRUCTURE
	NEW SPLIT DUCT		EXISTING ROADWAY SIGN
	EXISTING TAXIWAY LIGHTS		EXISTING GAS LINE
	EXISTING DUCT		EXISTING STORM LINE
	EXISTING DUCT MARKER		EXISTING SANITARY SEWER LINE
	EXISTING WATER VALVE		EXISTING TELEPHONE LINE
	EXISTING WATERLINE		EXISTING UNDER GROUND ELECTRIC
	EXISTING MANHOLE		SOIL BORINGS
			REMOVE
			EXISTING CONTOURS

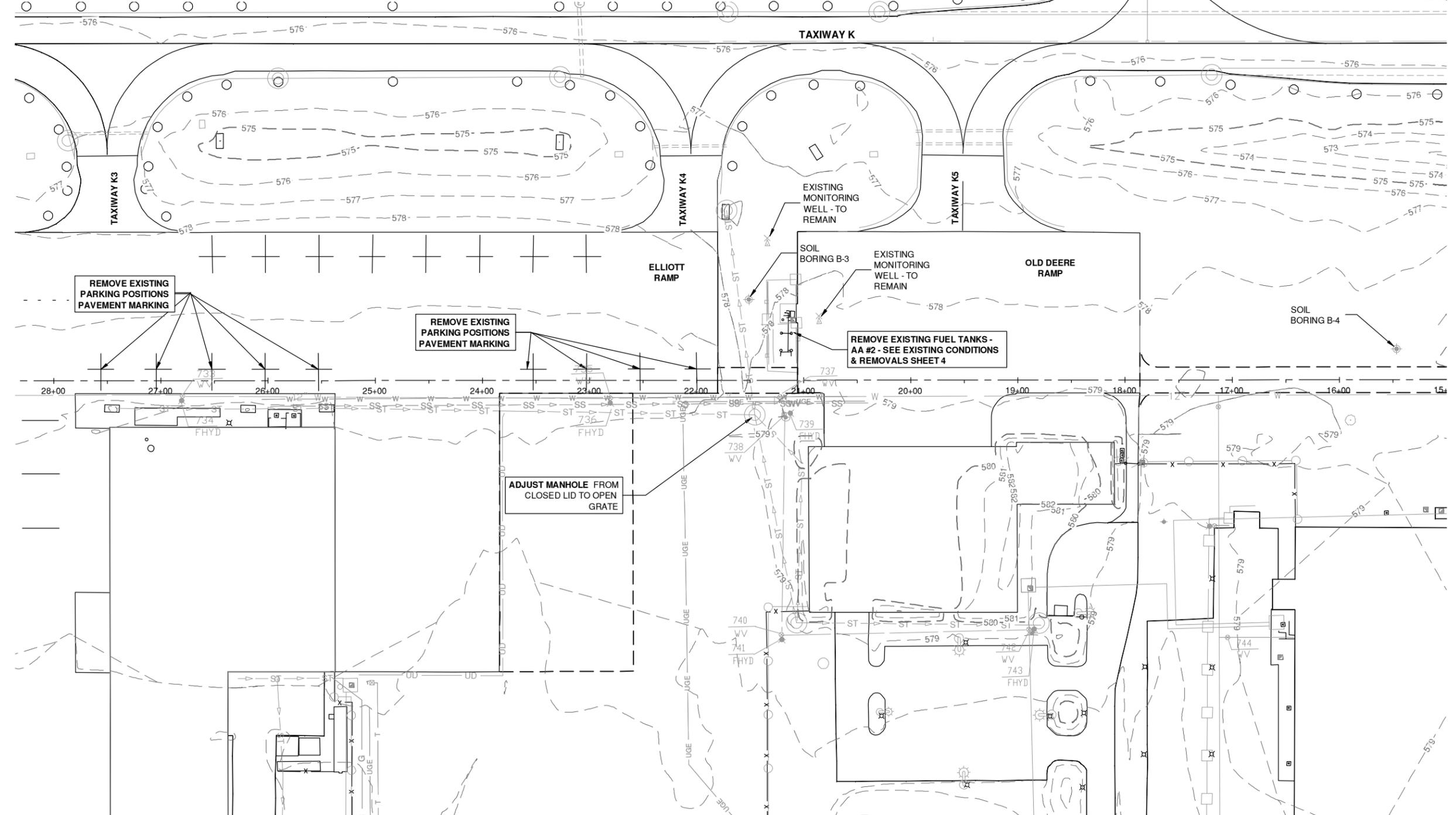


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 UPDATE BY: Andrew Huebner  
 PLOT DATE: 5/14/2013 12:39 PM

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REVISIONS		
NUMBER	BY	DATE

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 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**  
**CONSTRUCT SOUTH SERVICE ROAD  
 EXISTING CONDITIONS & REMOVALS 2**

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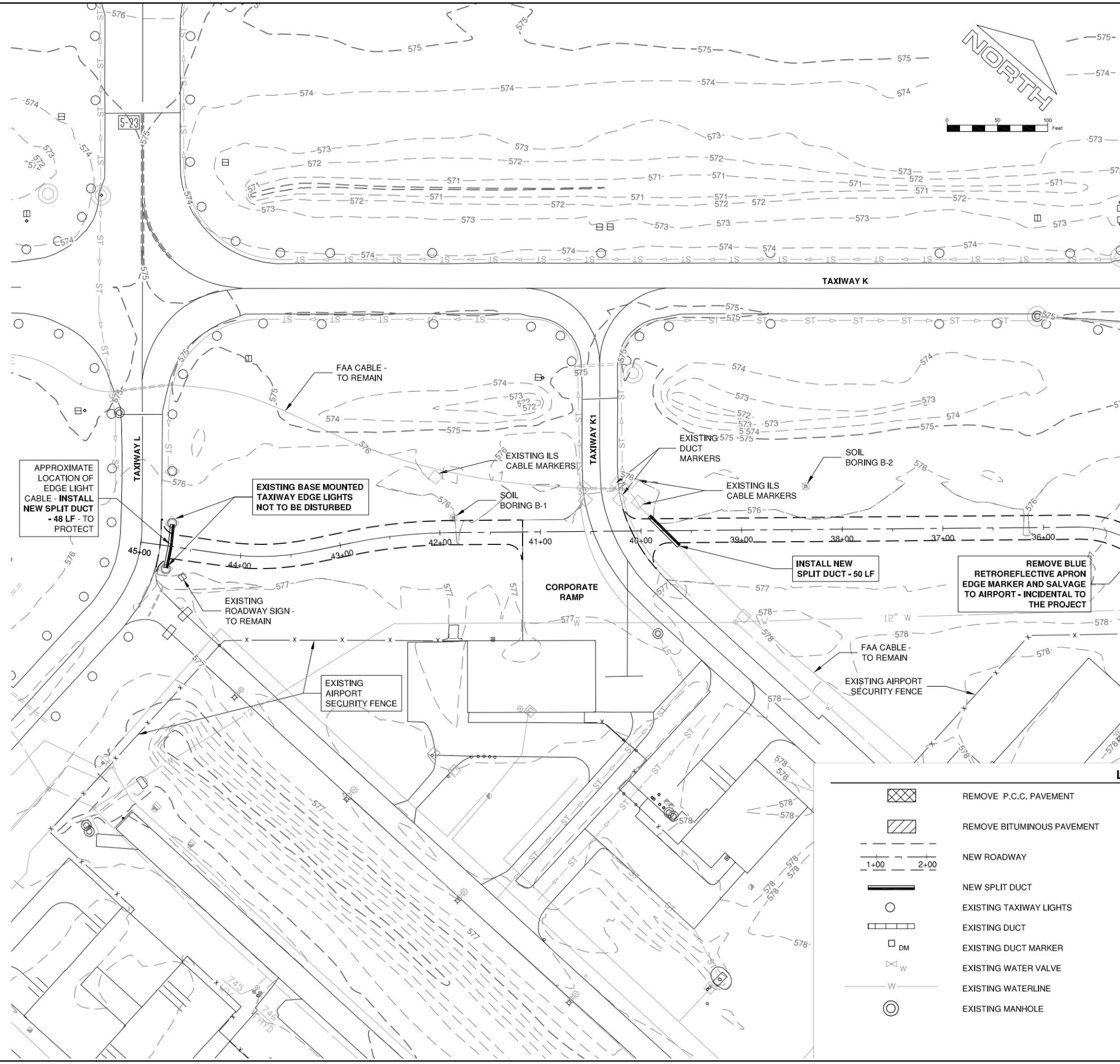
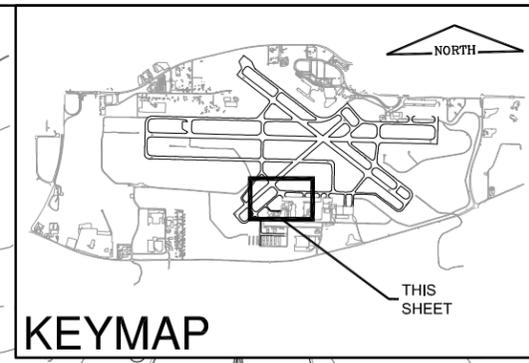
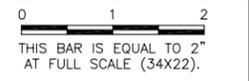
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IL. PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET 13 OF 47 SHEETS	

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**QU016**

REVISIONS		
NUMBER	BY	DATE



APPROXIMATE LOCATION OF EDGE LIGHT CABLE - **INSTALL NEW SPLIT DUCT - 48 LF - TO PROTECT**

**EXISTING BASE MOUNTED TAXIWAY EDGE LIGHTS NOT TO BE DISTURBED**

EXISTING ROADWAY SIGN - TO REMAIN

EXISTING AIRPORT SECURITY FENCE

FAA CABLE - TO REMAIN

EXISTING ILS CABLE MARKERS

SOIL BORING B-1

EXISTING DUCT MARKERS

EXISTING ILS CABLE MARKERS

SOIL BORING B-2

**INSTALL NEW SPLIT DUCT - 50 LF**

**REMOVE BLUE RETROREFLECTIVE APRON EDGE MARKER AND SALVAGE TO AIRPORT - INCIDENTAL TO THE PROJECT**

12" W  
FAA CABLE - TO REMAIN

EXISTING AIRPORT SECURITY FENCE

CORPORATE RAMP

**LEGEND**

	REMOVE P.C.C. PAVEMENT		EXISTING FENCE
	REMOVE BITUMINOUS PAVEMENT		EXISTING TAXIWAY SIGN
	NEW ROADWAY		EXISTING STORM SEWER STRUCTURE
	NEW SPLIT DUCT		EXISTING ROADWAY SIGN
	EXISTING TAXIWAY LIGHTS		EXISTING GAS LINE
	EXISTING DUCT		EXISTING STORM LINE
	EXISTING DUCT MARKER		EXISTING SANITARY SEWER LINE
	EXISTING WATER VALVE		EXISTING TELEPHONE LINE
	EXISTING WATERLINE		EXISTING UNDER GROUND ELECTRIC
	EXISTING MANHOLE		SOIL BORINGS
			REMOVE
			EXISTING CONTOURS

**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**

**CONSTRUCT SOUTH SERVICE ROAD  
 EXISTING CONDITIONS & REMOVALS 3**

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JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	14 OF 47 SHEETS

**QU016**

REVISIONS

NUMBER	BY	DATE

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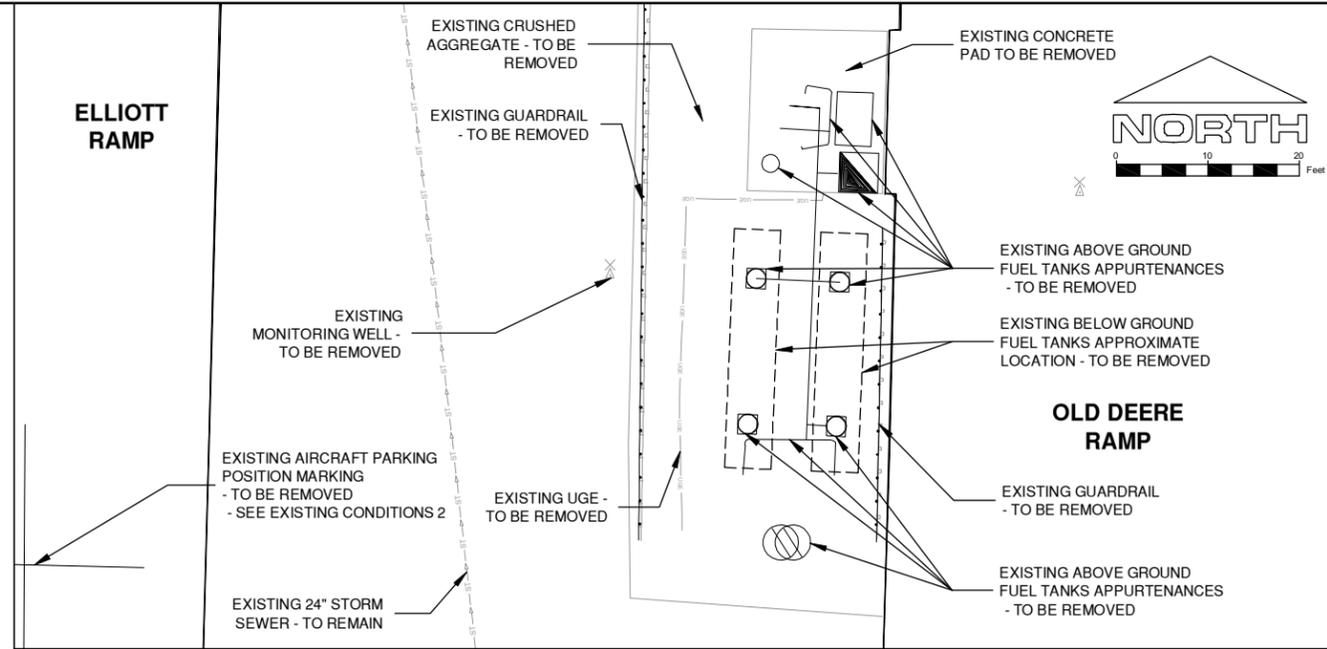
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 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**

**CONSTRUCT SOUTH SERVICE ROAD  
 EXISTING CONDITIONS & REMOVALS 4 - FUEL TANK  
 REMOVAL-ADD ALT #2**

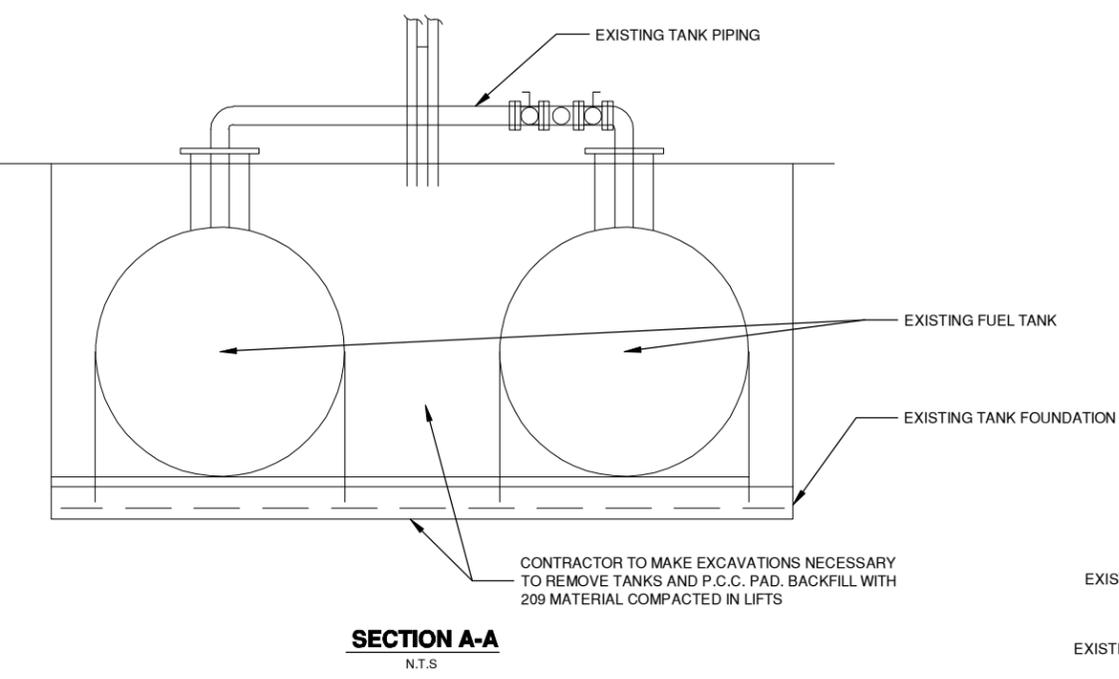
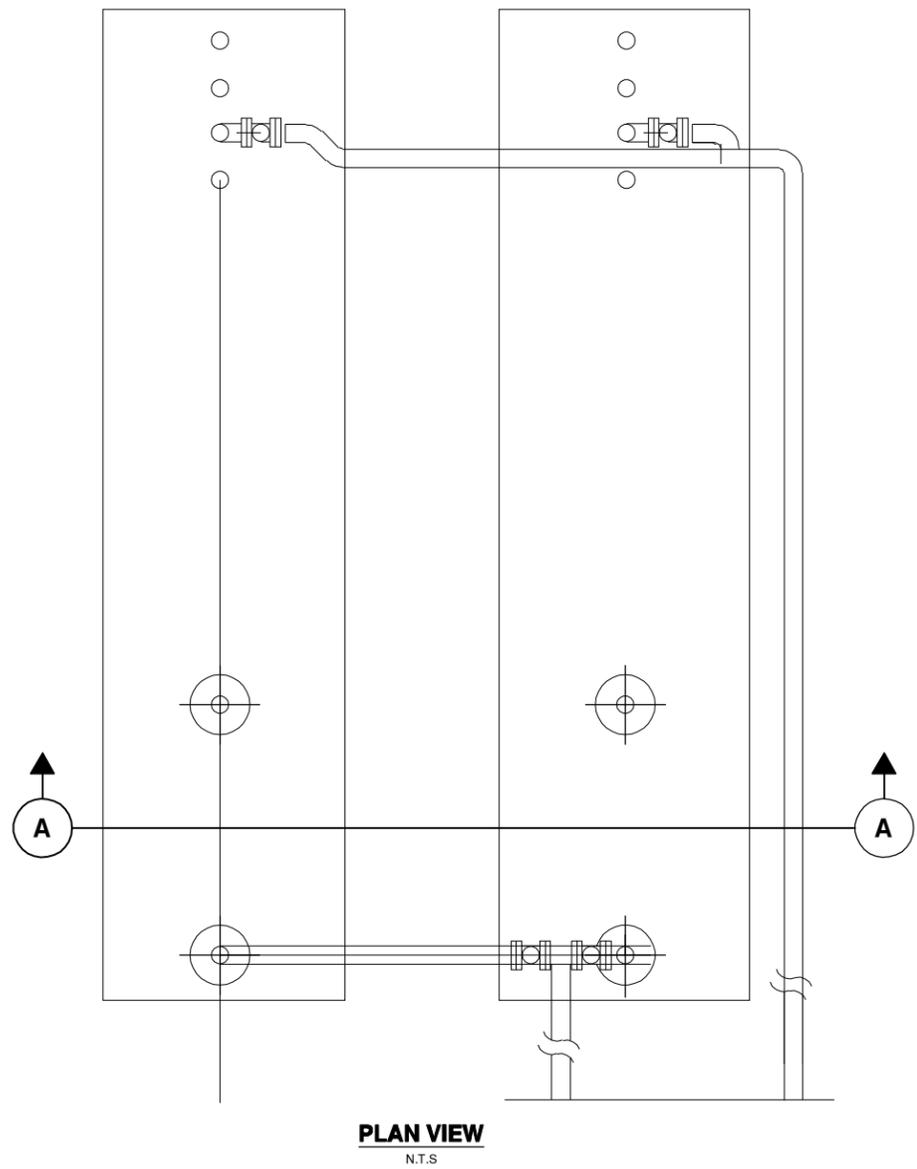
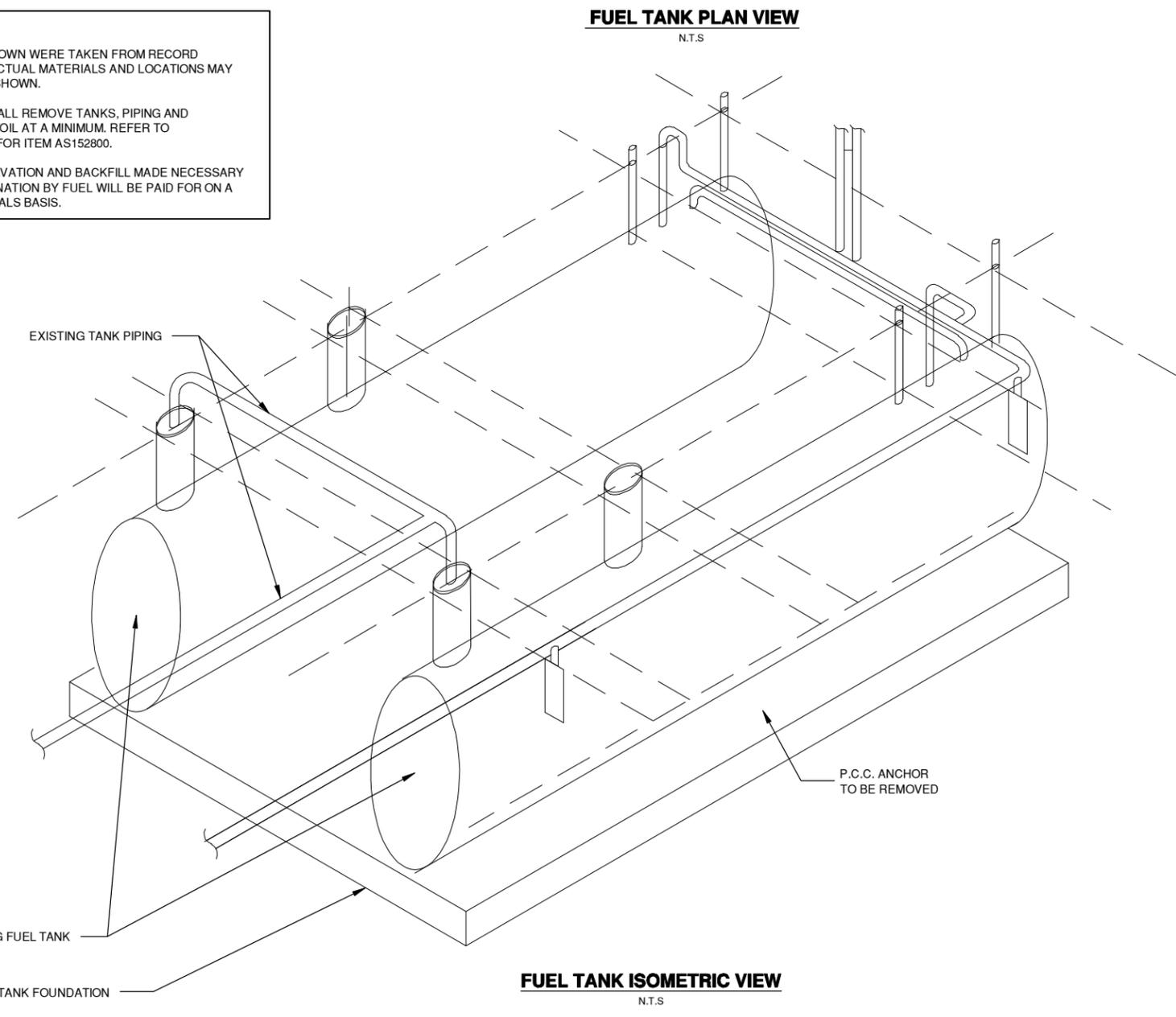
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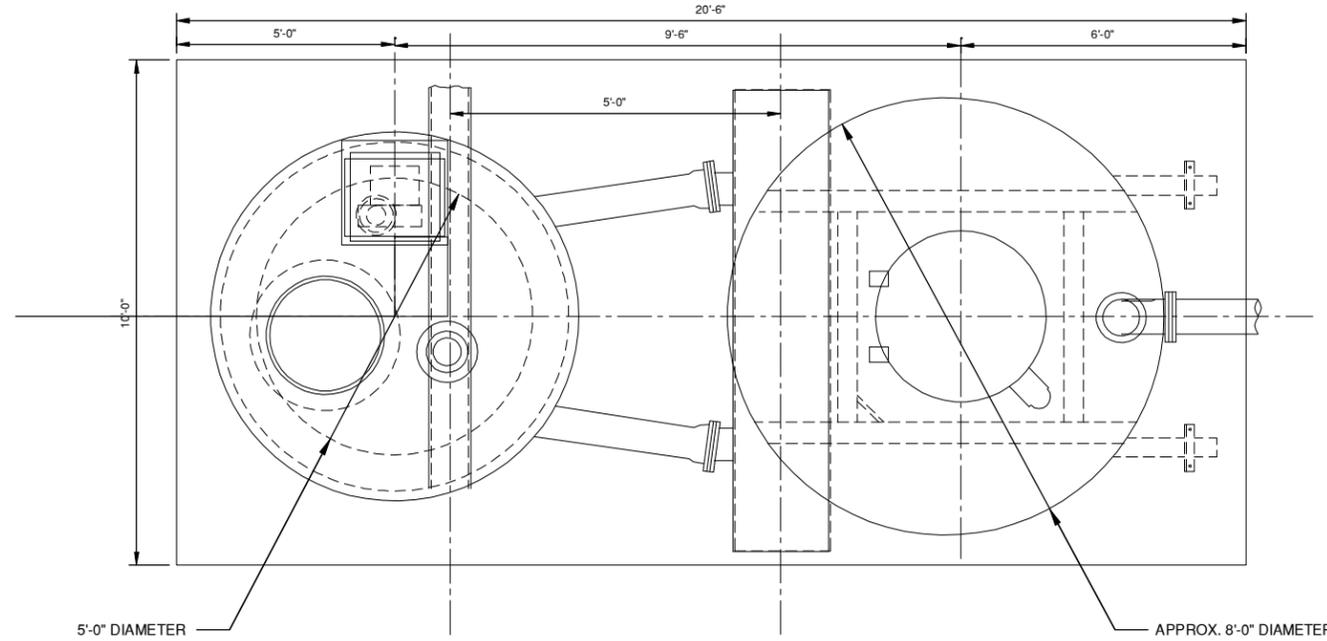
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APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	15 OF 47 SHEETS



- NOTES:**
1. INSTALLATION SHOWN WERE TAKEN FROM RECORD DRAWINGS THE ACTUAL MATERIALS AND LOCATIONS MAY NOT BE WHAT IS SHOWN.
  2. CONTRACTOR SHALL REMOVE TANKS, PIPING AND CONTAMINATED SOIL AT A MINIMUM. REFER TO SPECIFICATIONS FOR ITEM AS152800.
  3. ADDITIONAL EXCAVATION AND BACKFILL MADE NECESSARY DUE TO CONTAMINATION BY FUEL WILL BE PAID FOR ON A TIME AND MATERIALS BASIS.



**NOTE:**  
 INFORMATION FOUND ON THIS SHEET WAS OBTAINED  
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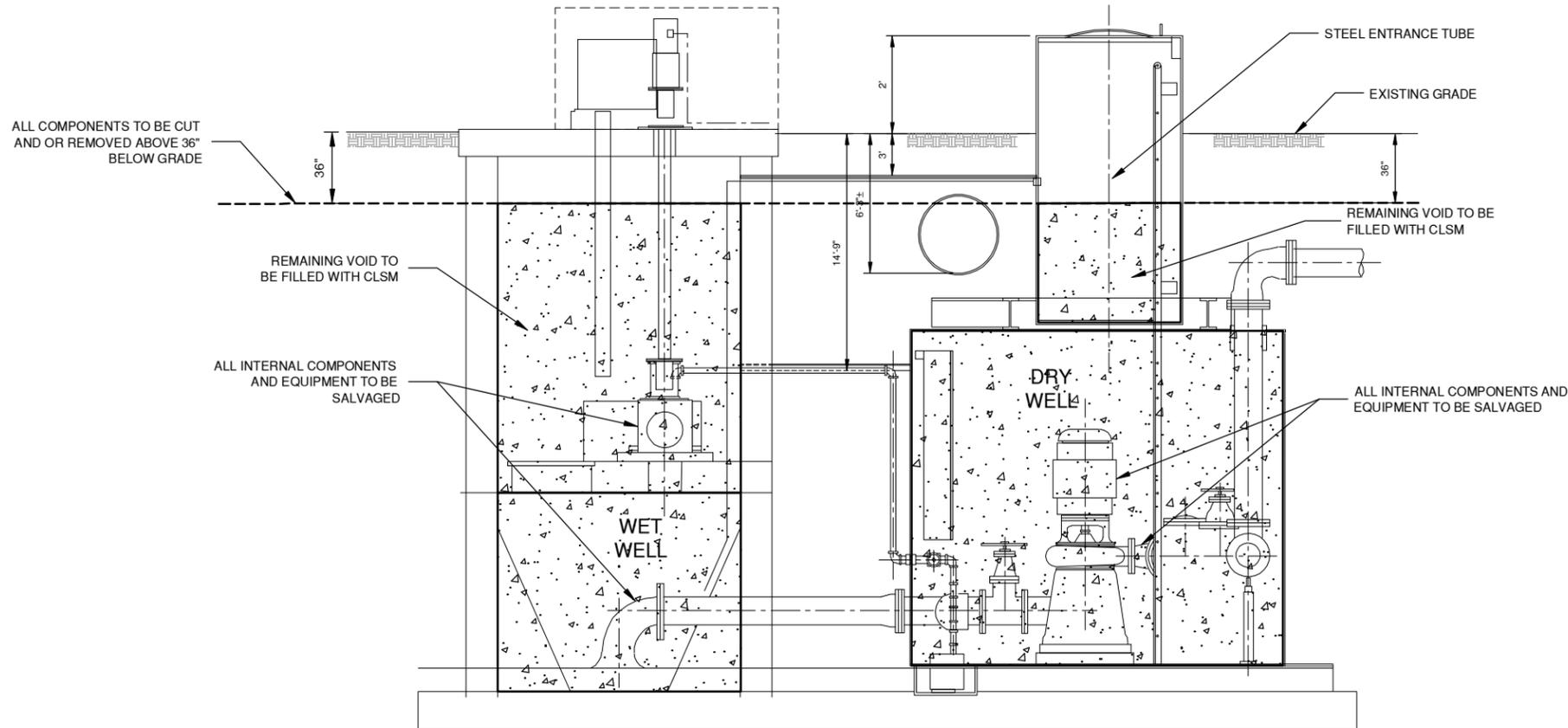
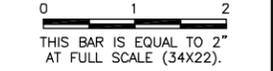
**PLAN VIEW**  
 N.T.S.

**PUMP STATION ABANDONMENT - SEQUENCE OF CONSTRUCTION**

1. THIS PUMP STATION IS NO LONGER FUNCTIONING AND IS COMPLETELY OUT OF SERVICE.
2. THE CONTRACTOR SHALL SALVAGE ALL COMPONENTS EXCEPT PIPE STUBS AND LADDER WITHIN EXISTING PUMP STATION AND PLUG ALL INLET AND OUTLET PIPES WITH NON-SHRINK GROUT.
3. THE AIRPORT SHALL HAVE FIRST RIGHTS TO ALL SALVAGED COMPONENTS. IF THE AIRPORT OPTS TO GIVE UP THEIR SALVAGE RIGHTS, THE CONTRACTOR SHALL REMOVE ALL COMPONENTS OFF-SITE.
4. THE CONTRACTOR SHALL REMOVE EXISTING PUMP STATION ENTRANCE TUBE, LADDER AND CONCRETE PAD TO 36 INCHES BELOW GRADE.
5. THE FLOOR OF THE EXISTING PUMP STATION SHALL BE PERFORATED TO INSURE ADEQUATE DRAINAGE.
6. CONSOLIDATED LOW-STRENGTH MATERIAL (CLSM) TO BE PLACED TO TOP OF THE REMAINING PUMP STATION. (36 INCHES BELOW GRADE).
7. BACKFILL THE REMAINING 36 INCHES TO GRADE WITH CLEAN EARTHEN BACKFILL FROM SERVICE ROAD CONSTRUCTION AND FERTILIZE AND SEED PER ITEM 901.

**QU016**

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NUMBER	BY	DATE



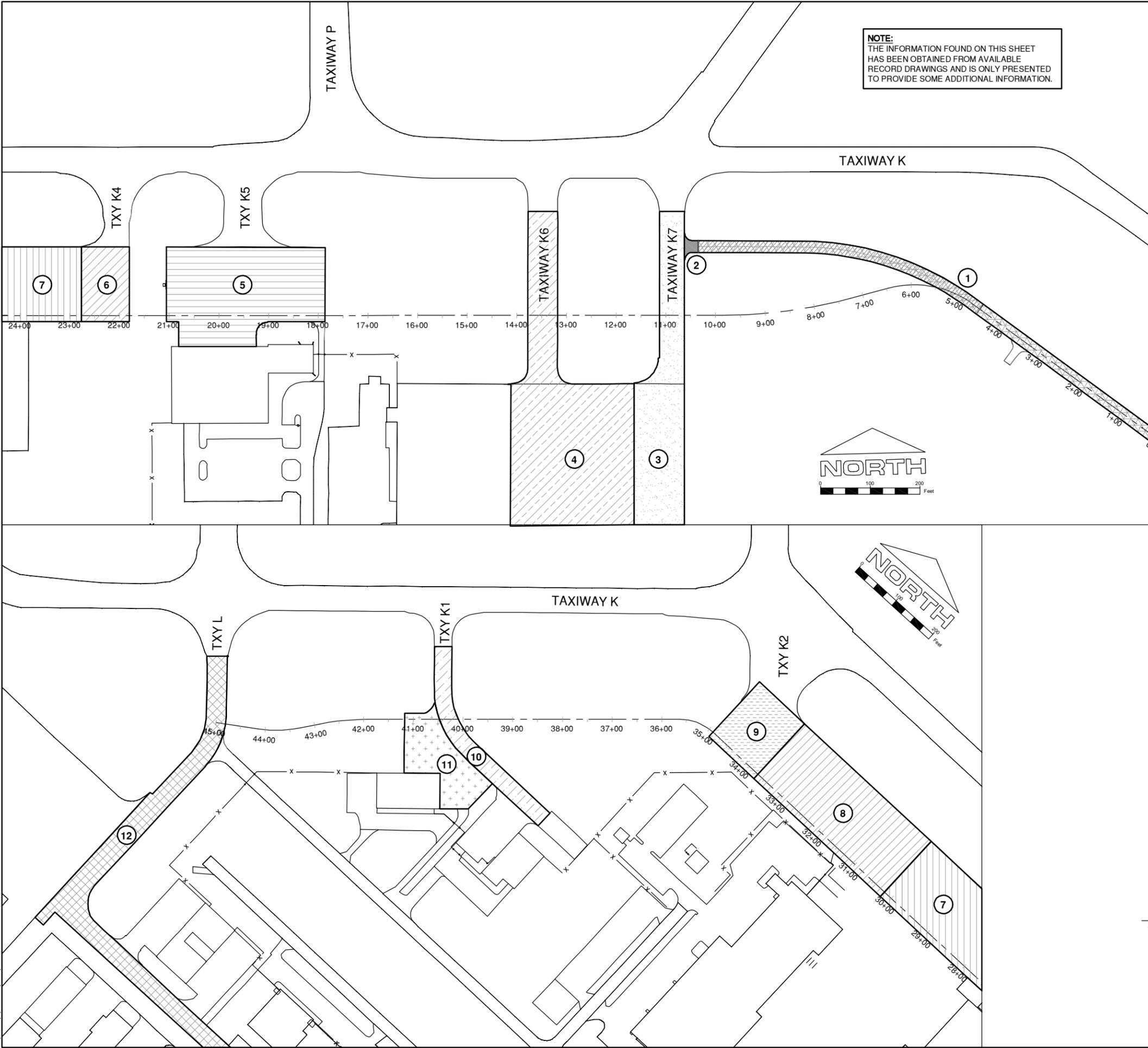
**SECTION VIEW**  
 N.T.S.

METROPOLITAN AIRPORT AUTHORITY  
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 MOLINE, ILLINOIS

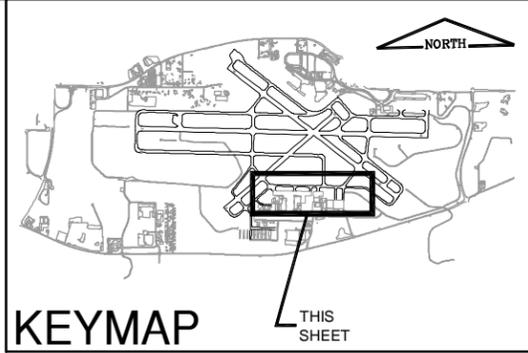
CONSTRUCT SOUTH SERVICE ROAD  
 EXISTING CONDITIONS & REMOVALS 5 - PUMP  
 STATION ABANDONMENT



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APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
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AIP PROJ. NO.	3-17-0068-XX
SHEET	16 OF 47 SHEETS



**NOTE:**  
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 TO PROVIDE SOME ADDITIONAL INFORMATION.



FILE: EXCON PVMT.dwg  
 UPDATE BY: Andrew Huebner  
 PLOT DATE: 5/14/2013 12:42 PM

quad-plan  
 120141001-V-VF3D  
 KEYMAP  
 BASE\_PROPGEO

**QU016**

REVISIONS		
NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34X22).

**LEGEND**

	<b>1</b>	1.5" BITUMINOUS SURFACE COURSE (401) 2.5" BITUMINOUS BASE COURSE (201) 8" CRUSHED AGGREGATE BASE COURSE (209) SEPARATION FABRIC
	<b>2</b>	7" P.C.C. PAVEMENT (610) 6" CRUSHED AGGREGATE BASE COURSE (209) SEPARATION FABRIC
	<b>3</b>	P.C.C. PAVEMENT (501)
	<b>4</b>	P.C.C. PAVEMENT (1981) (501)
	<b>5</b>	P.C.C. PAVEMENT ON BITUMINOUS PAVEMENT
	<b>6</b>	9" P.C.C. PAVEMENT (501) 4" BITUMINOUS SURFACE COURSE (401) 9.5" BITUMINOUS BASE COURSE (201)
	<b>7</b>	9" P.C.C. PAVEMENT (501) 4" BITUMINOUS SURFACE COURSE (401) 4.5" BITUMINOUS BASE COURSE (201) 15" AGGREGATE SUBBASE (154)
	<b>8</b>	9" P.C.C. PAVEMENT (501) 4" BITUMINOUS SURFACE COURSE (401) 9.5" BITUMINOUS BASE COURSE (201)
	<b>9</b>	9" P.C.C. PAVEMENT (501) 4" BITUMINOUS SURFACE COURSE (401) 9.5" BITUMINOUS BASE COURSE (201)
	<b>10</b>	P.C.C. PAVEMENT (501) 9" BITUMINOUS PAVEMENT (401)
	<b>11</b>	P.C.C. PAVEMENT (501)
	<b>12</b>	3" BITUMINOUS SURFACE COURSE (401) 9" BITUMINOUS PAVEMENT

1+00 2+00 ALIGNMENT OF NEW PERIMETER ROAD

**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
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**CONSTRUCT SOUTH SERVICE ROAD  
 EXISTING PAVEMENT STRUCTURE**

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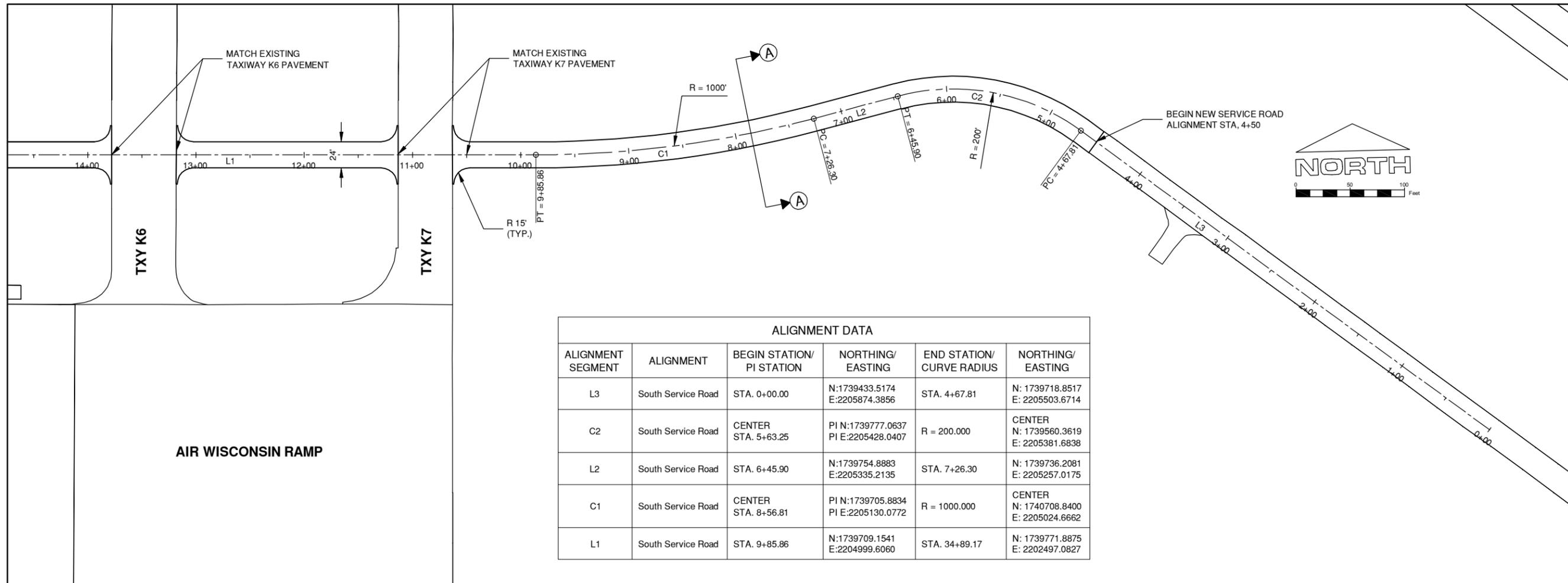
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APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO. MI-4263 AIP PROJ. NO. 3-17-0068-XX	
SHEET 17 OF 47 SHEETS	

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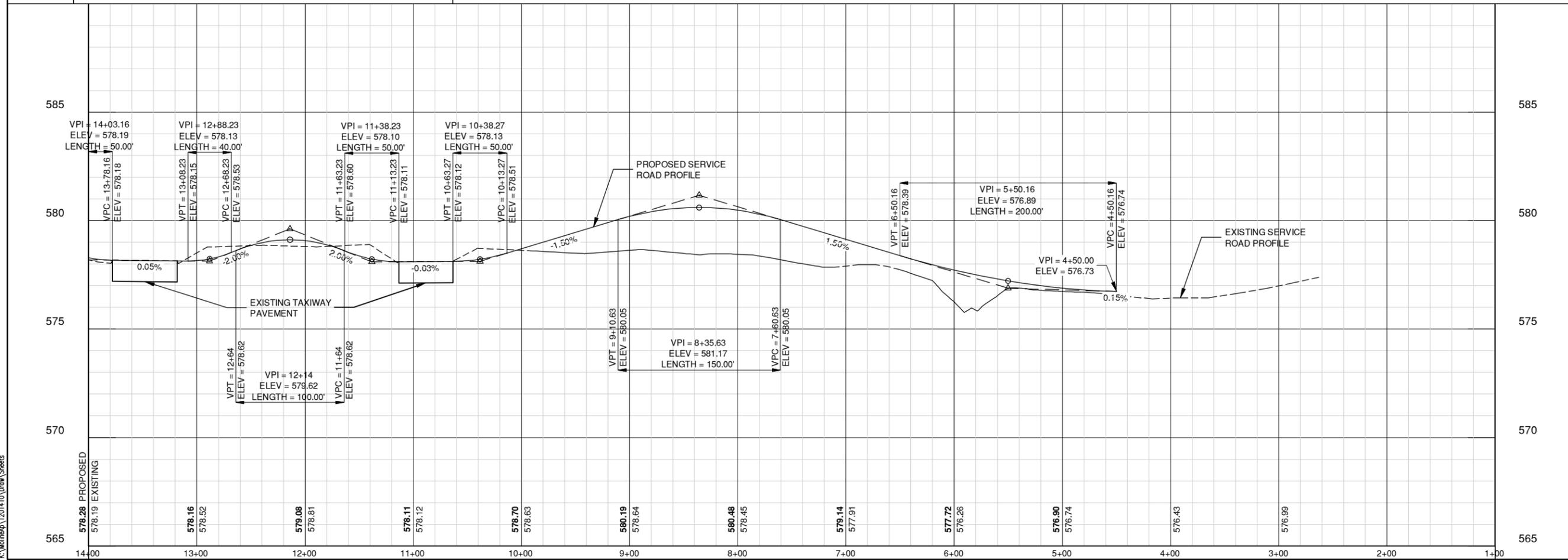
**QU016**

REVISIONS		
NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34X22).



ALIGNMENT DATA					
ALIGNMENT SEGMENT	ALIGNMENT	BEGIN STATION/ PI STATION	NORTHING/ EASTING	END STATION/ CURVE RADIUS	NORTHING/ EASTING
L3	South Service Road	STA. 0+00.00	N:1739433.5174 E:2205874.3856	STA. 4+67.81	N: 1739718.8517 E: 2205503.6714
C2	South Service Road	CENTER STA. 5+63.25	PI N:1739777.0637 PI E:2205428.0407	R = 200.000	CENTER N: 1739560.3619 E: 2205381.6838
L2	South Service Road	STA. 6+45.90	N:1739754.8883 E:2205335.2135	STA. 7+26.30	N: 1739736.2081 E: 2205257.0175
C1	South Service Road	CENTER STA. 8+56.81	PI N:1739705.8834 PI E:2205130.0772	R = 1000.000	CENTER N: 1740708.8400 E: 2205024.6662
L1	South Service Road	STA. 9+85.86	N:1739709.1541 E:2204999.6060	STA. 34+89.17	N: 1739771.8875 E: 2202497.0827



**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
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 MOLINE, ILLINOIS**

**CONSTRUCT SOUTH SERVICE ROAD  
 SOUTH SERVICE ROAD PLAN &  
 PROFILE 1**

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DATE:	APRIL 19, 2013
JOB No:	12014-10
IL. PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	18 OF 47 SHEETS

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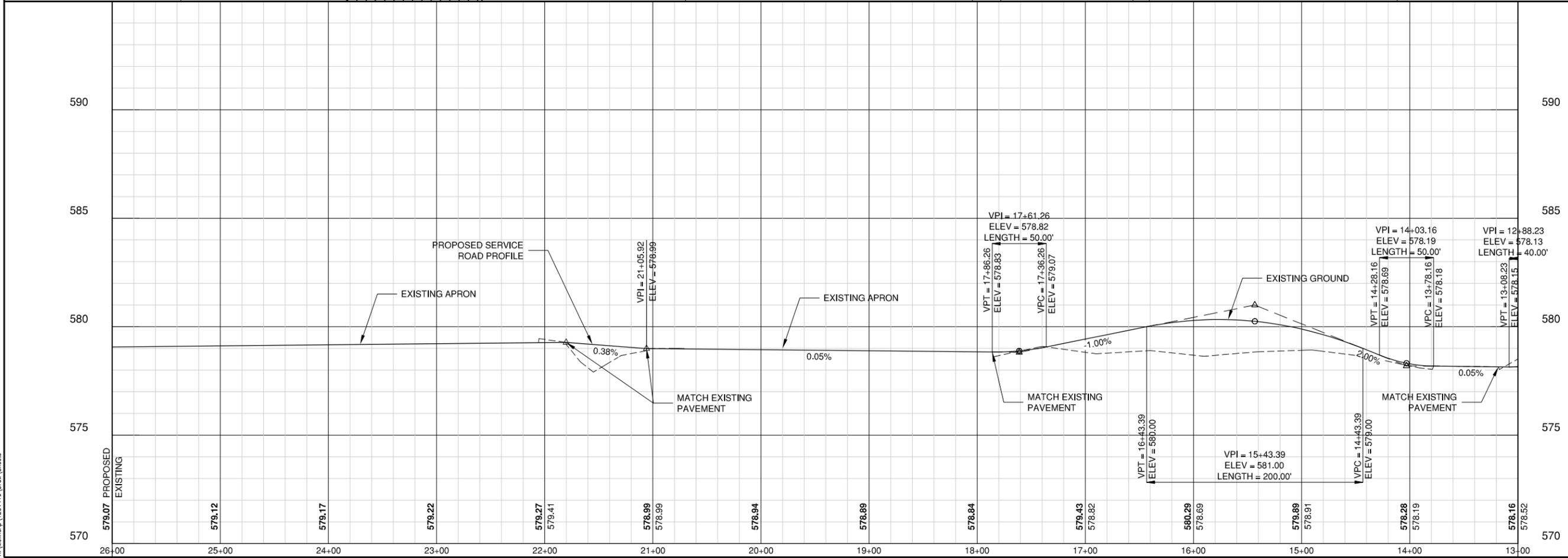
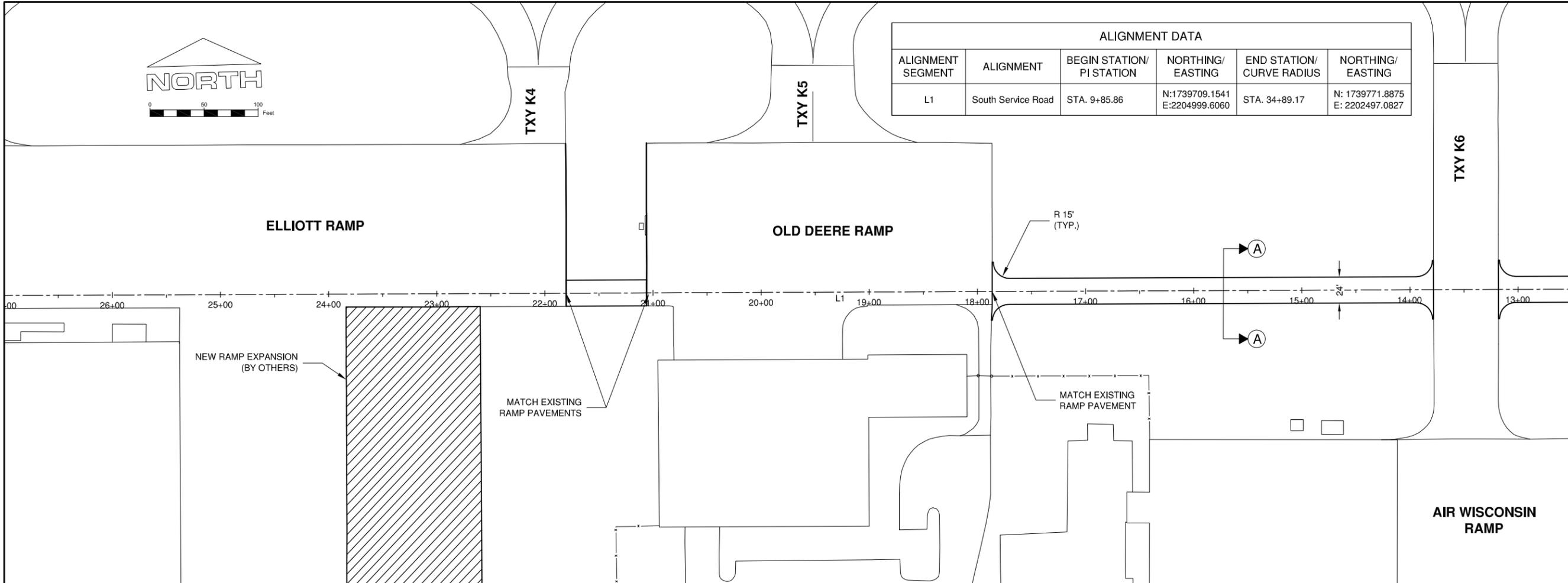
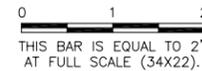
ALIGNMENT DATA					
ALIGNMENT SEGMENT	ALIGNMENT	BEGIN STATION/ PI STATION	NORTHING/ EASTING	END STATION/ CURVE RADIUS	NORTHING/ EASTING
L1	South Service Road	STA. 9+85.86	N:1739709.1541 E:2204999.6060	STA. 34+89.17	N: 1739771.8875 E: 2202497.0827

FILE: VFG - South Service Road - (1)  
 UPDATE BY: Andrew Huebner  
 PLOT DATE: 5/14/2013 8:01 PM

1201410-C-SPCR  
 quad-plan  
 BASE\_PROP\_GEO  
 BASE\_PROP\_GEO

**QU016**

REVISIONS		
NUMBER	BY	DATE



METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS  
 CONSTRUCT SOUTH SERVICE ROAD  
 SOUTH SERVICE ROAD PLAN &  
 PROFILE 2

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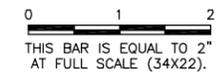
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DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	19 OF 47 SHEETS

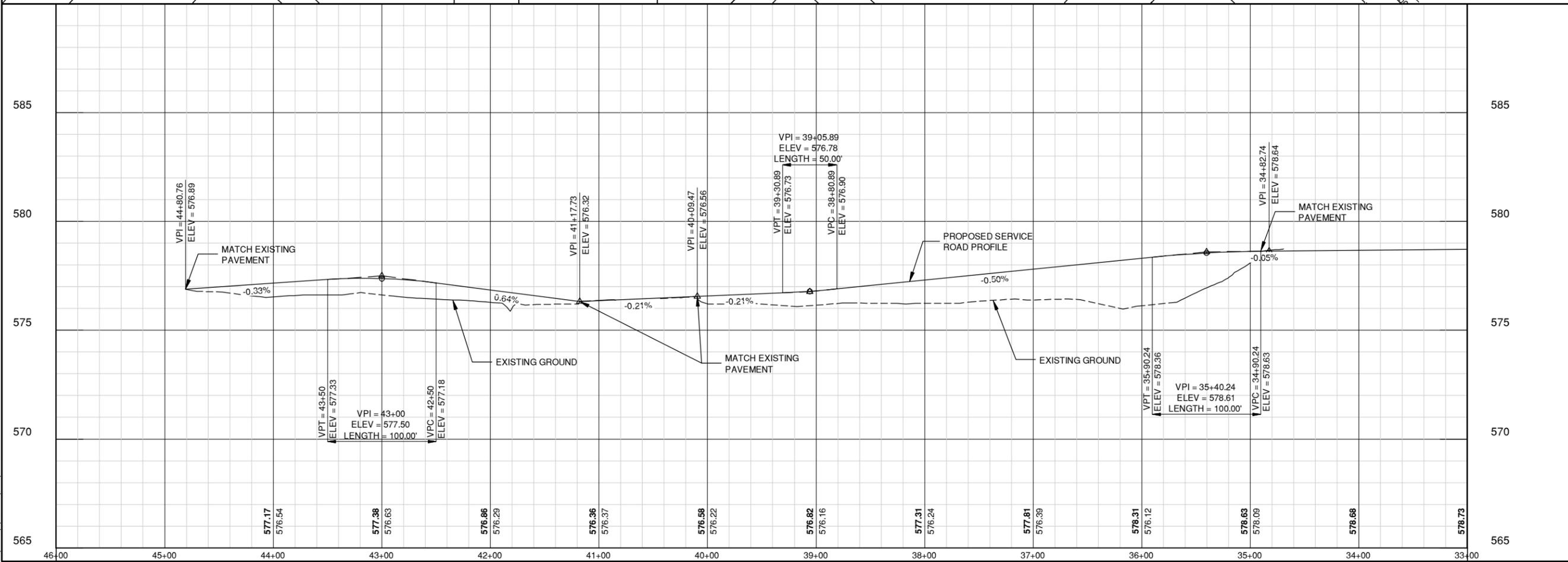
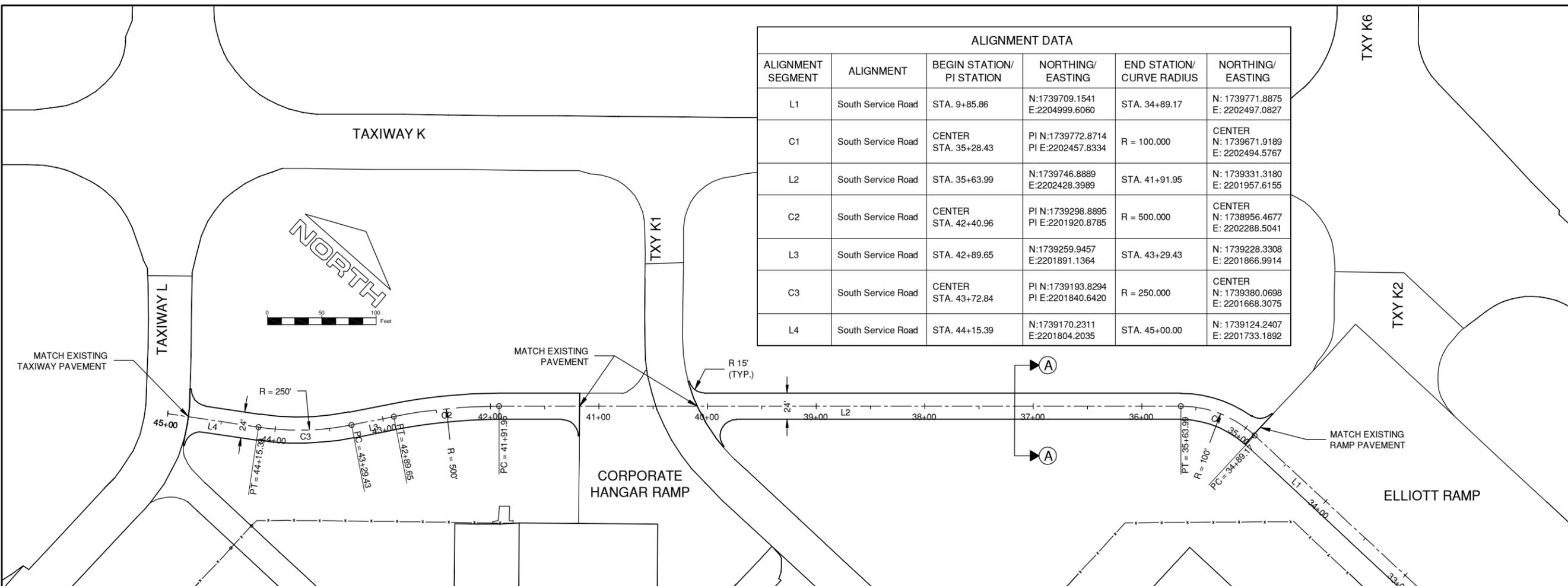
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**QU016**

REVISIONS		
NUMBER	BY	DATE



ALIGNMENT DATA					
ALIGNMENT SEGMENT	ALIGNMENT	BEGIN STATION/ PI STATION	NORTHING/ EASTING	END STATION/ CURVE RADIUS	NORTHING/ EASTING
L1	South Service Road	STA. 9+85.86	N:1739709.1541 E:2204999.6060	STA. 34+89.17	N: 1739771.8875 E: 2202497.0827
C1	South Service Road	CENTER STA. 35+28.43	PI N:1739772.8714 PI E:2202457.8334	R = 100.000	CENTER N: 1739671.9189 E: 2202494.5767
L2	South Service Road	STA. 35+63.99	N:1739746.8889 E:2202428.3989	STA. 41+91.95	N: 1739331.3180 E: 2201957.6155
C2	South Service Road	CENTER STA. 42+40.96	PI N:1739298.8895 PI E:2201920.8785	R = 500.000	CENTER N: 1738956.4677 E: 2202288.5041
L3	South Service Road	STA. 42+89.65	N:1739259.9457 E:2201891.1364	STA. 43+29.43	N: 1739228.3308 E: 2201866.9914
C3	South Service Road	CENTER STA. 43+72.84	PI N:1739193.8294 PI E:2201840.6420	R = 250.000	CENTER N: 1739380.0698 E: 2201668.3075
L4	South Service Road	STA. 44+15.39	N:1739170.2311 E:2201804.2035	STA. 45+00.00	N: 1739124.2407 E: 2201733.1892



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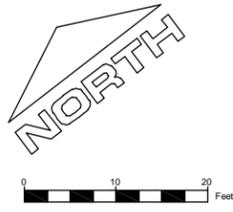
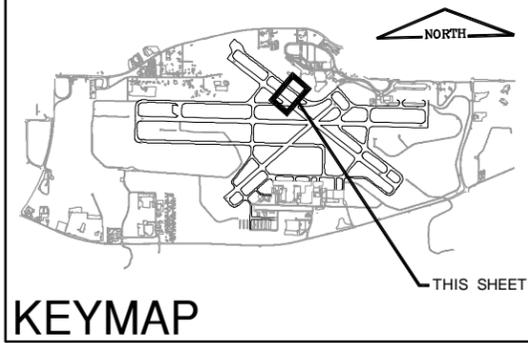
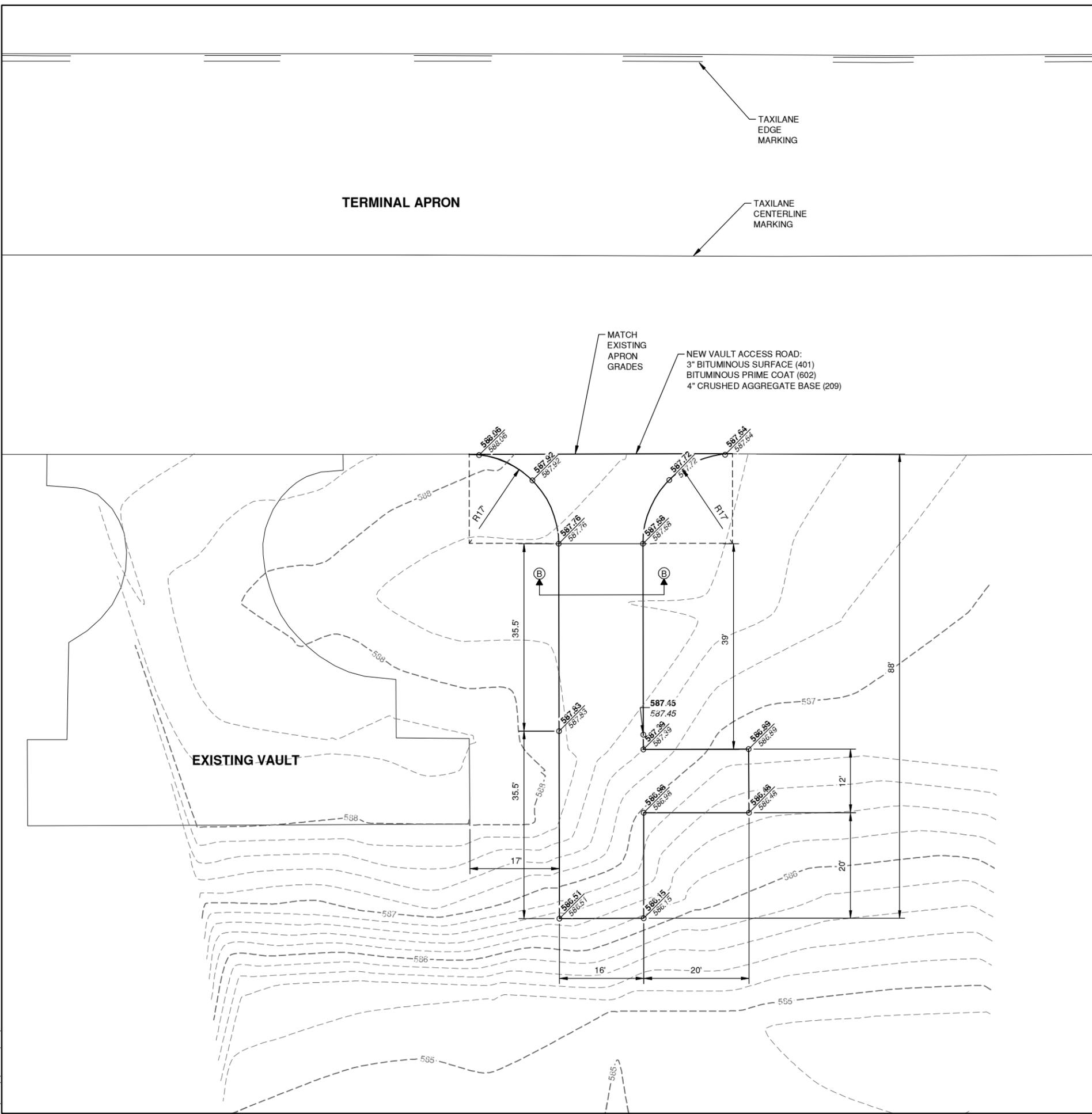
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 SOUTH SERVICE ROAD PLAN &  
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AIP PROJ. NO.	3-17-0068-XX
SHEET	20 OF 47 SHEETS

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**LEGEND**

	PROPOSED ELEVATION
	EXISTING ELEVATION
	PROPOSED CONTOURS
	EXISTING CONTOURS

- VAULT ACCESS ROAD NOTES:**
1. THE CONTRACTOR SHALL HAND SEED ALL DISTURBED AREAS AROUND THE VAULT ACCESS ROAD. THIS QUANTITY SHALL BE INCIDENTAL TO THE CONTRACT.
  2. THE SEED MIX IN THIS AREA SHALL MEET THE SPECIFICATIONS OF ITEM 901, BUT THE SPREADING METHOD WILL BE THE OPTION OF THE CONTRACTOR AND APPROVED BY THE AIRPORT AND THE ENGINEER.
  3. NEW VAULT ACCESS ROAD GRADES SHALL APPROXIMATELY MATCH EXISTING GROUND GRADES. DRAINAGE PATTERNS SHALL REMAIN THE SAME.
  4. SEE TYPICAL SECTIONS SHEET FOR SECTION B-B.

FILE: STAKE01.dwg  
 UPDATE BY: Andrew Huebner  
 PLOT DATE: 5/14/2013 12:44 PM

KEYMAP  
 quad-plan  
 BASE\_PROPGEO

**QU016**

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**CONSTRUCT SOUTH SERVICE ROAD  
 VAULT ACCESS ROAD IMPROVEMENTS -  
 ADDITIVE ALTERNATE NO. 1**

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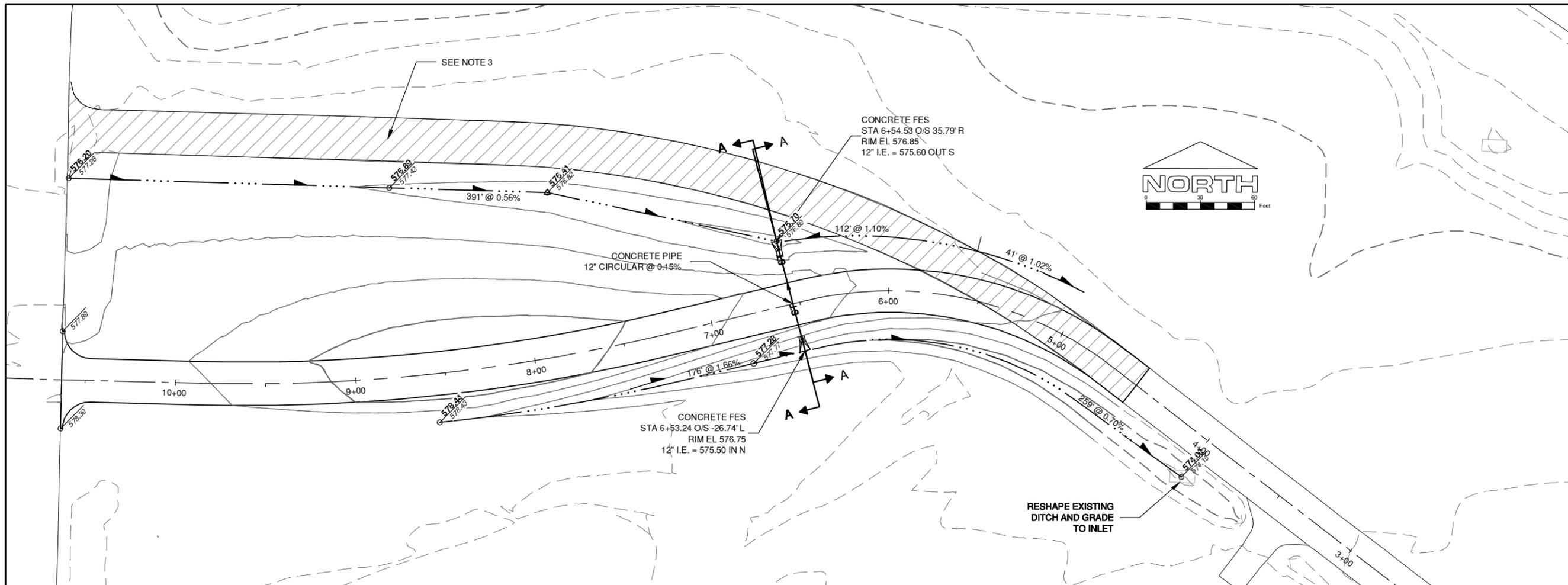
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JOB No:	12014-10
IL. PROJ. NO. MLI-4263 AIP PROJ. NO. 3-17-0068-XX	
SHEET	21 OF 47 SHEETS

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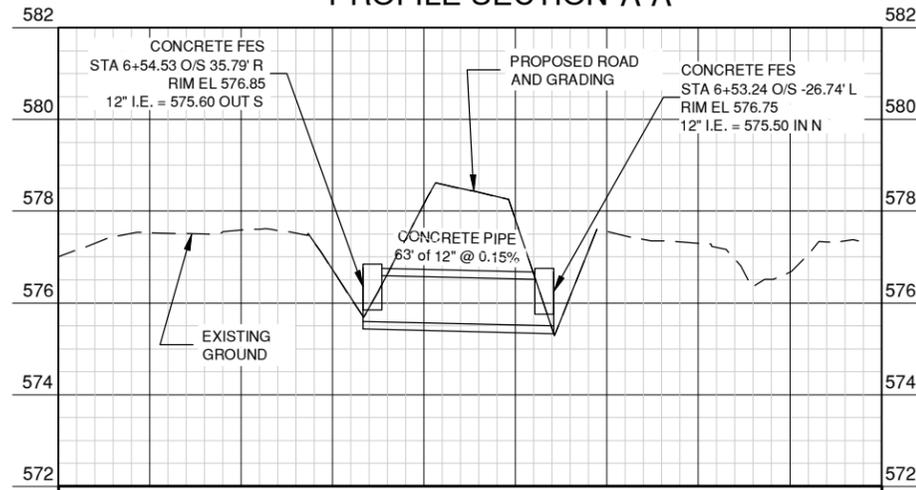
**NOTES:**

- SEE CROSS SECTION SHEETS FOR ADDITIONAL INFORMATION ON GRADING AND DITCH ELEVATIONS.
- PORTIONS OF THE CONTOUR LIMITS SHOWN HAVE BEEN TAKEN FROM AERIAL MAPPING. EXACT ELEVATION AND LOCATION OF THE FLARED END SECTIONS MAY BE REVISED BY THE RESIDENT ENGINEER TO MAINTAIN SLOPE AND PIPE COVER. INLET INVERTS MAY ALSO REQUIRE ADJUSTMENT.
- REMOVE ROAD AND BACKFILL WITH SUITABLE TOPSOIL. GRADE AS A HIGH POINT SIMILAR TO EXISTING ROAD GRADES. PAYMENT UNDER UNCLASSIFIED EXCAVATION.

**LEGEND**

- 650.2 EXISTING CONTOURS
- 650.0 PROPOSED CONTOURS
- DITCH LINE
- 650.02 PROPOSED ELEVATION
- 650.11 EXISTING ELEVATION
- NEW STORM SEWER PIPE
- NEW FLARED END SECTION
- EXISTING INLET

**PROFILE SECTION A-A**



**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
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 MOLINE, ILLINOIS**  
**CONSTRUCT SOUTH SERVICE ROAD  
 STORM SEWER PROFILE & GRADING SHEET 1**

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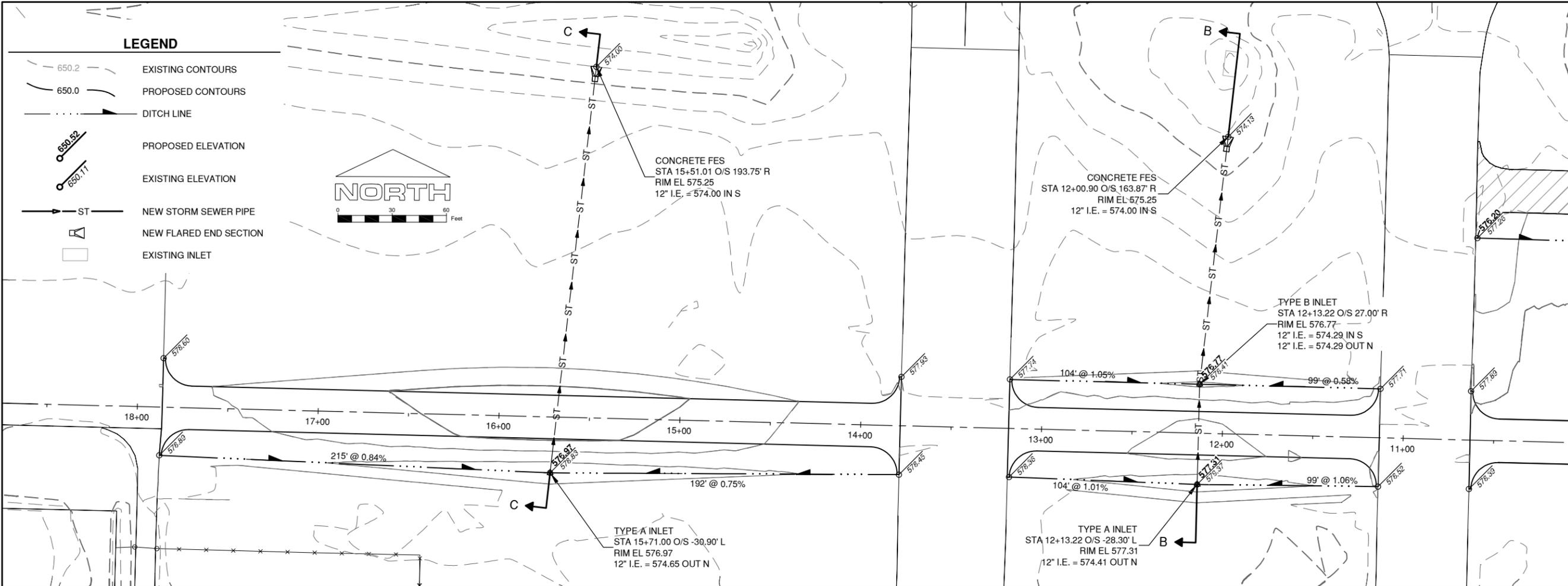
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DATE:	APRIL 19, 2013
JOB No:	12014-10
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AIP PROJ. NO.	3-17-0068-XX
SHEET	22 OF 47 SHEETS

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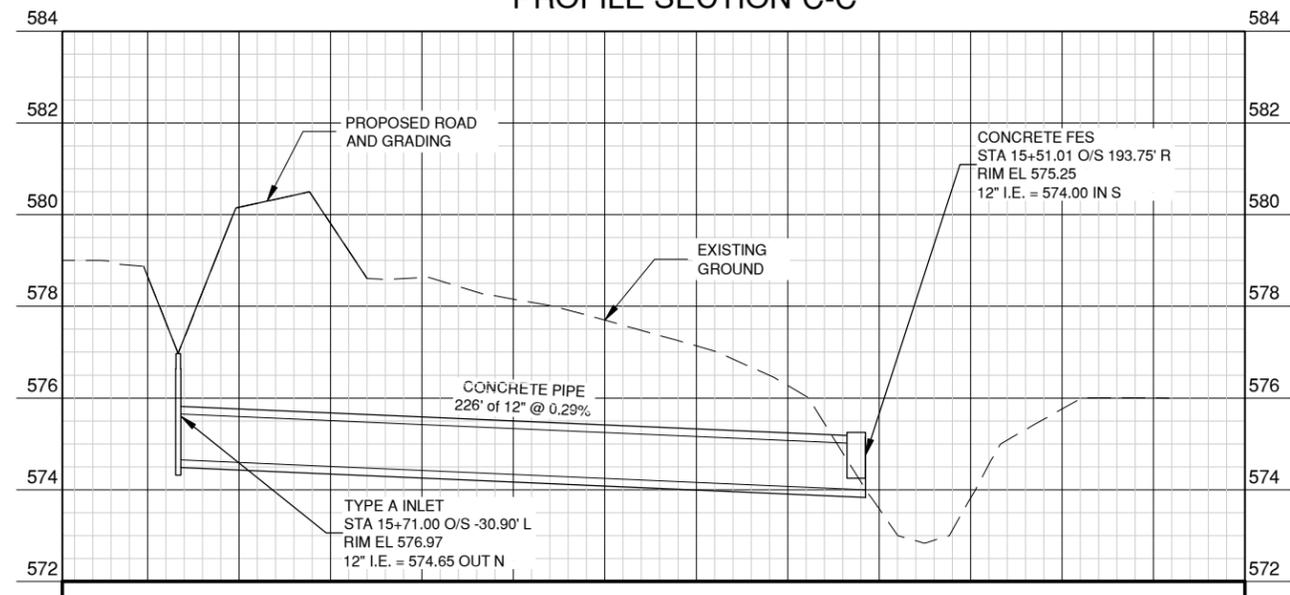
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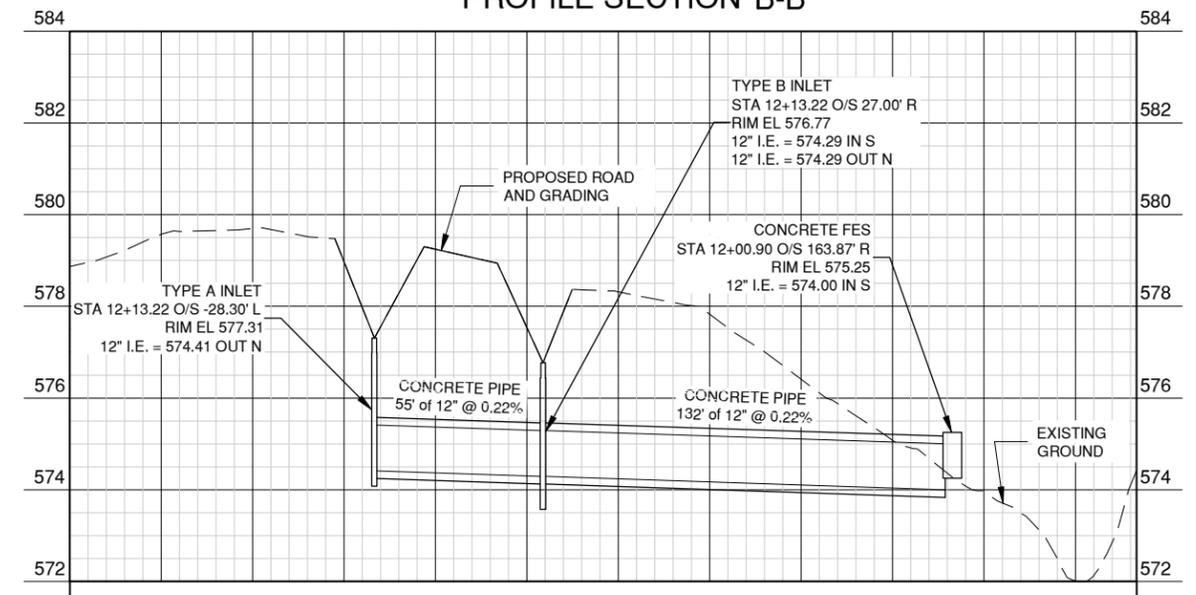


- NOTES:**
- SEE CROSS SECTION SHEETS FOR ADDITIONAL INFORMATION ON GRADING AND DITCH ELEVATIONS.
  - PORTIONS OF THE CONTOUR LIMITS SHOWN HAVE BEEN TAKEN FROM AERIAL MAPPING. EXACT ELEVATION AND LOCATION OF THE FLARED END SECTIONS MAY BE REVISED BY THE RESIDENT ENGINEER TO MAINTAIN SLOPE AND PIPE COVER. INLET INVERTS MAY ALSO REQUIRE ADJUSTMENT.

**PROFILE SECTION C-C**



**PROFILE SECTION B-B**



**METROPOLITAN AIRPORT AUTHORITY  
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 STORM SEWER PROFILE & GRADING SHEET 2**

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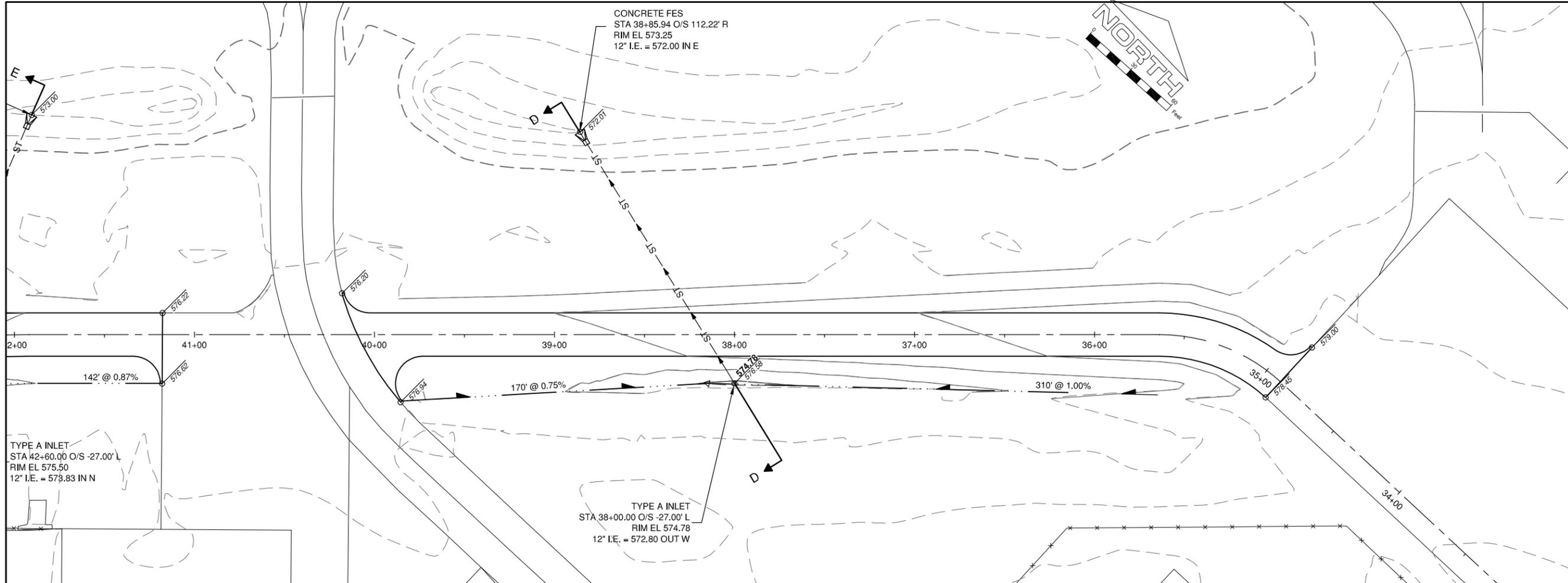
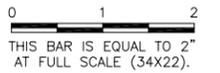


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JOB No:	12014-10
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AIP PROJ. NO.	3-17-0068-XX
SHEET 23 OF 47 SHEETS	

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REVISIONS		
NUMBER	BY	DATE



**METROPOLITAN AIRPORT AUTHORITY  
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**CONSTRUCT SOUTH SERVICE ROAD  
 STORM SEWER PROFILE & GRADING SHEET 3**

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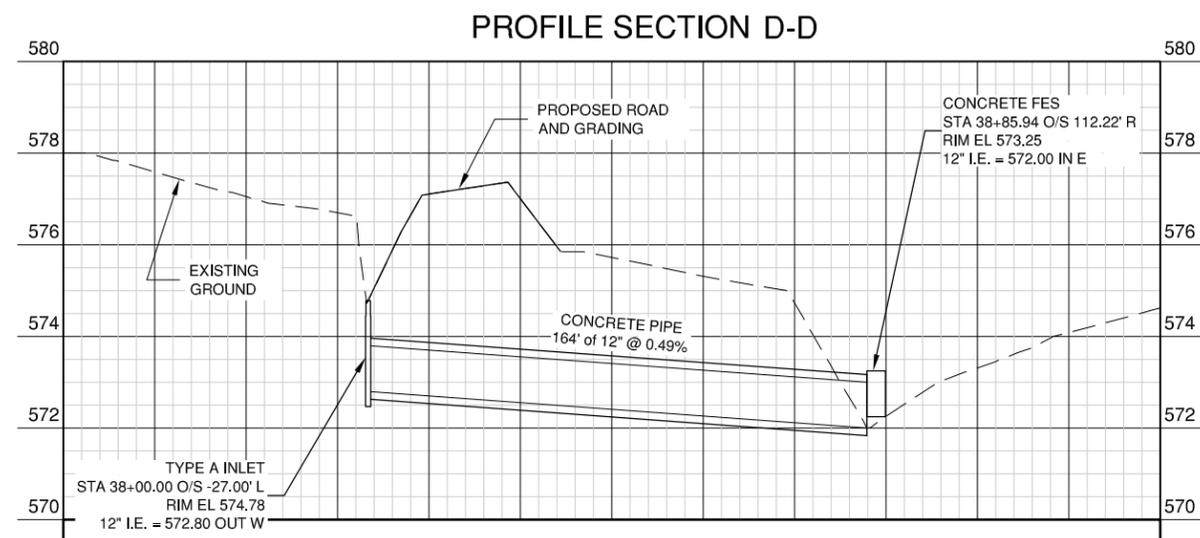
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IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	24 OF 47 SHEETS

- NOTES:**
- SEE CROSS SECTION SHEETS FOR ADDITIONAL INFORMATION ON GRADING AND DITCH ELEVATIONS.
  - PORTIONS OF THE CONTOUR LIMITS SHOWN HAVE BEEN TAKEN FROM AERIAL MAPPING. EXACT ELEVATION AND LOCATION OF THE FLARED END SECTIONS MAY BE REVISED BY THE RESIDENT ENGINEER TO MAINTAIN SLOPE AND PIPE COVER. INLET INVERTS MAY ALSO REQUIRE ADJUSTMENT.

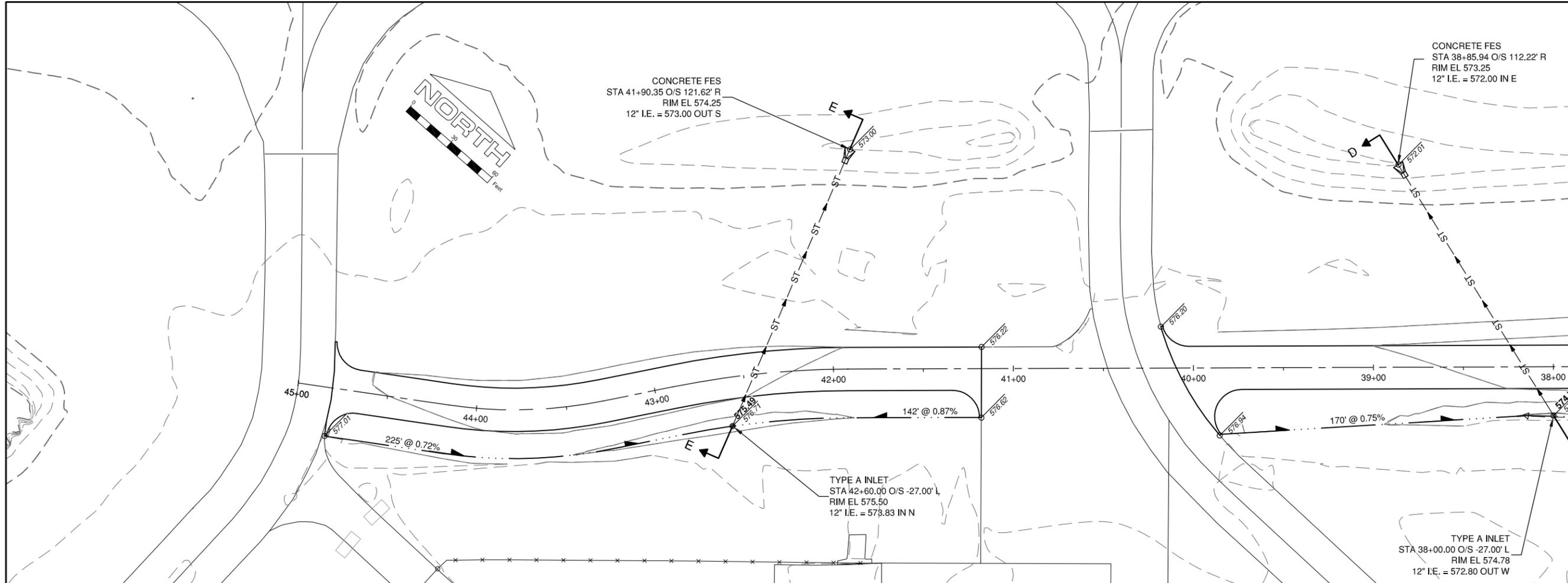
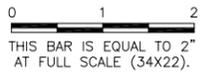
**LEGEND**

	650.2	EXISTING CONTOURS
	650.0	PROPOSED CONTOURS
		DITCH LINE
	650.52	PROPOSED ELEVATION
	650.11	EXISTING ELEVATION
	ST	NEW STORM SEWER PIPE
		NEW FLARED END SECTION
		EXISTING INLET



**QU016**

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**CONSTRUCT SOUTH SERVICE ROAD  
 STORM SEWER PROFILE & GRADING SHEET 4**

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AIP PROJ. NO.	3-17-0068-XX
SHEET	25 OF 47 SHEETS

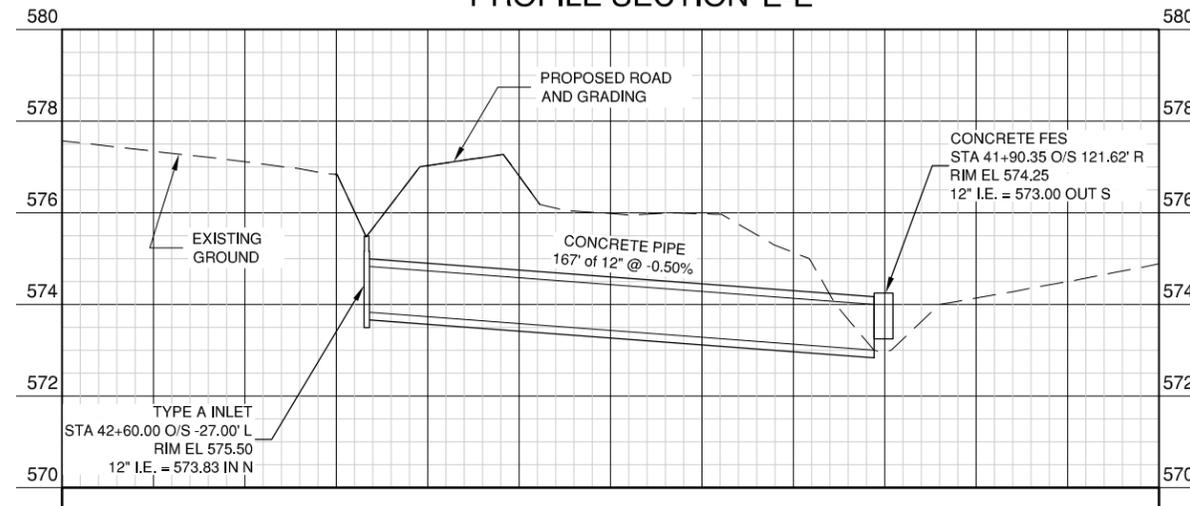
**NOTES:**

- SEE CROSS SECTION SHEETS FOR ADDITIONAL INFORMATION ON GRADING AND DITCH ELEVATIONS.
- PORTIONS OF THE CONTOUR LIMITS SHOWN HAVE BEEN TAKEN FROM AERIAL MAPPING. EXACT ELEVATION AND LOCATION OF THE FLARED END SECTIONS MAY BE REVISED BY THE RESIDENT ENGINEER TO MAINTAIN SLOPE AND PIPE COVER. INLET INVERTS MAY ALSO REQUIRE ADJUSTMENT.

**LEGEND**

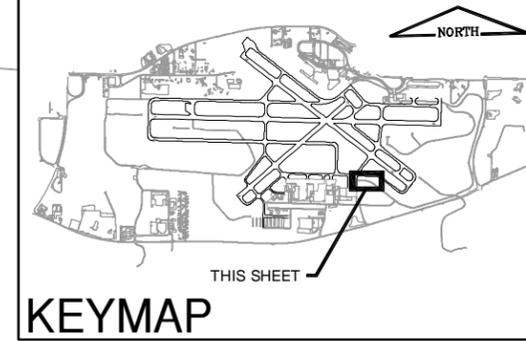
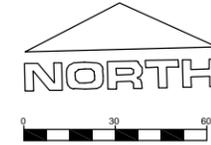
- 650.2 EXISTING CONTOURS
- 650.0 PROPOSED CONTOURS
- DITCH LINE
- PROPOSED ELEVATION
- EXISTING ELEVATION
- ST NEW STORM SEWER PIPE
- NEW FLARED END SECTION
- EXISTING INLET

**PROFILE SECTION E-E**



TXY K

TXY K7



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UPDATE BY: Andrew Huebner  
PLOT DATE: 5/14/2013 12:53 PM

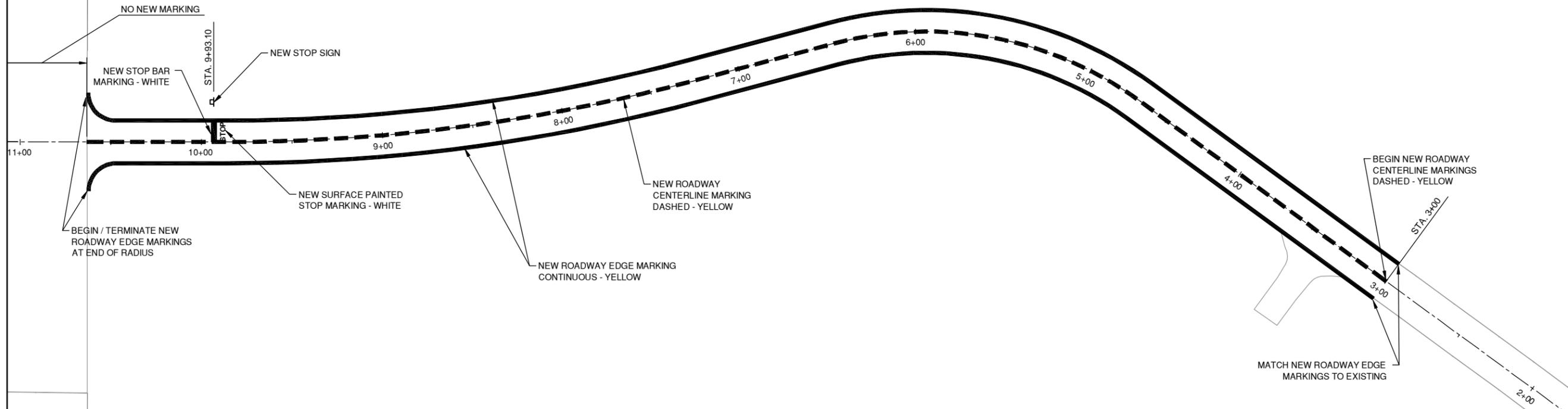
BASE\_PROPGEO  
quad-plan  
KEYMAP  
BASE\_PROPMARK

QU016

REVISIONS

NUMBER	BY	DATE

0 1 2  
THIS BAR IS EQUAL TO 2"  
AT FULL SCALE (34X22).



LEGEND

- NEW ROADWAY EDGE MARKING CONTINUOUS - YELLOW
- NEW DASHED ROADWAY CENTERLINE MARKING - YELLOW
- NEW DASHED ROADWAY CENTERLINE ON APRON - WHITE
- NEW APRON EDGE STRIPE ZIPPER MARKING - WHITE
- NEW PAVEMENT MARKING REMOVAL
- NEW SIGN
- NEW SURFACE PAINTED STOP MARKING
- NEW SURFACE PAINTED SPEED LIMIT MARKING

METROPOLITAN AIRPORT AUTHORITY  
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QUAD CITY INTERNATIONAL AIRPORT  
MOLINE, ILLINOIS

CONSTRUCT SOUTH SERVICE ROAD  
MARKING & SIGNAGE PLAN 1



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APPROVED BY:	CET
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JOB No:	12014-10
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AIP PROJ. NO.	3-17-0068-XX
SHEET	26 OF 47 SHEETS

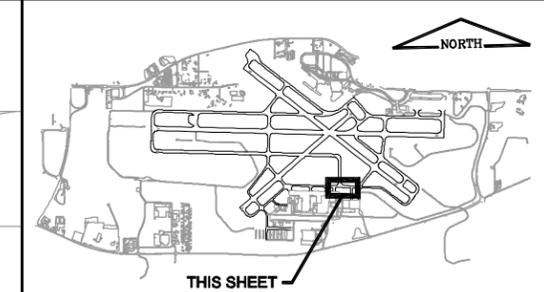
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**KEYMAP**



TXY K



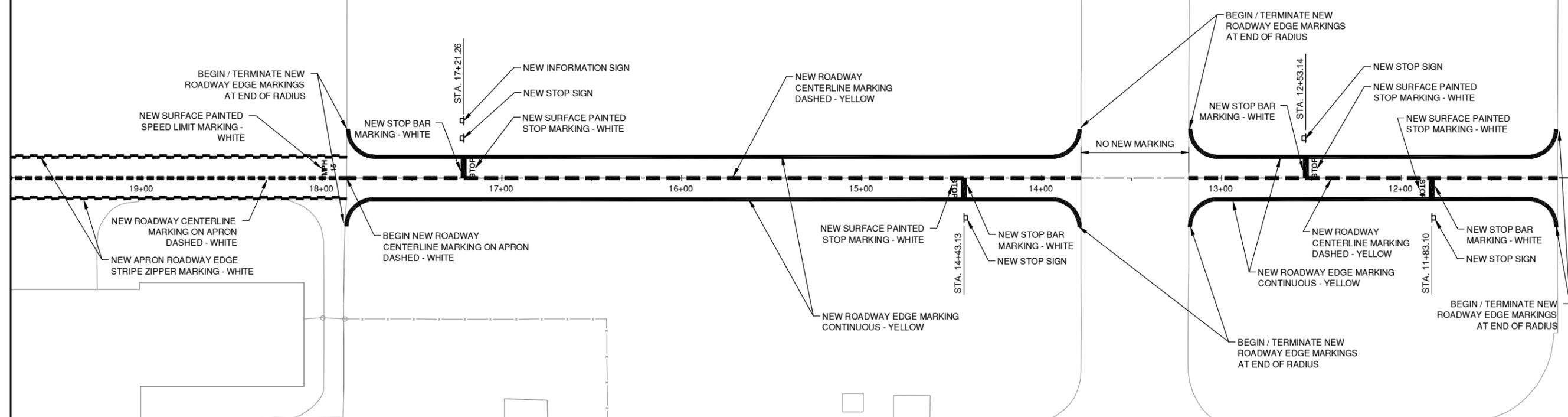
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- NEW ROADWAY EDGE MARKING CONTINUOUS - YELLOW
- NEW DASHED ROADWAY CENTERLINE MARKING - YELLOW
- NEW DASHED ROADWAY CENTERLINE MARKING ON APRON - WHITE
- NEW APRON EDGE STRIPE ZIPPER MARKING - WHITE
- NEW PAVEMENT MARKING REMOVAL
- NEW SIGN
- NEW SURFACE PAINTED STOP MARKING
- NEW SURFACE PAINTED SPEED LIMIT MARKING

TXY K5

OLD DEERE RAMP

TXY K6



AIR WISCONSIN RAMP

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**CONSTRUCT SOUTH SERVICE ROAD  
 MARKING & SIGNAGE PLAN 2**

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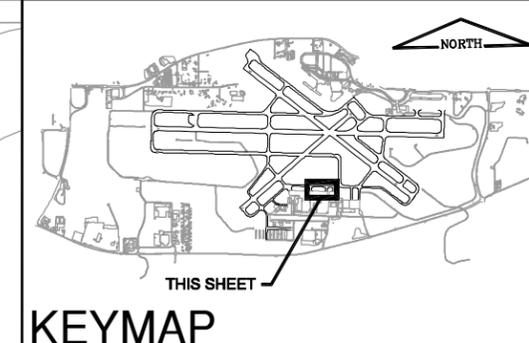
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IL. PROJ. NO. MI-4263	
AIP PROJ. NO. 3-17-0068-XX	
SHEET 27 OF 47 SHEETS	

TXY K

**LEGEND**

-  NEW ROADWAY EDGE MARKING CONTINUOUS - YELLOW
-  NEW DASHED ROADWAY CENTERLINE MARKING - YELLOW
-  NEW DASHED ROADWAY CENTERLINE ON APRON - WHITE
-  NEW APRON EDGE STRIPE ZIPPER MARKING - WHITE
-  NEW PAVEMENT MARKING REMOVAL
-  NEW SIGN
-  NEW SURFACE PAINTED STOP MARKING
-  NEW SURFACE PAINTED SPEED LIMIT MARKING



FILE: MARK03.dwg  
 UPDATE BY: Andrew Huebner  
 PLOT DATE: 5/14/2013 12:54 PM

quad-plan  
 BASE\_PROPGEO  
 KEYMAP  
 BASE\_PROPMARK

**QU016**

REVISIONS

NUMBER	BY	DATE

0 1 2  
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 AT FULL SCALE (34X22).

TXY K3

TXY K4

TXY K5

EXISTING PARKING POSITION MARKINGS - TO REMAIN

**ELLIOTT RAMP**

**OLD DEERE RAMP**

REMOVE EXISTING PARKING POSITION MARKINGS - SEE EXISTING CONDITIONS SHEETS

REMOVE EXISTING PARKING POSITION MARKINGS - SEE EXISTING CONDITIONS SHEETS

NEW APRON ROADWAY EDGE STRIPE ZIPPER MARKING - WHITE

NEW ROADWAY EDGE MARKING CONTINUOUS - YELLOW

NEW ROADWAY CENTERLINE MARKING DASHED - YELLOW

NEW ROADWAY CENTERLINE MARKING ON APRON DASHED - WHITE

NEW SURFACE PAINTED SPEED LIMIT MARKING - WHITE

ST. MPH 15

28+00    27+00    26+00    25+00    24+00    23+00    22+00    21+00    20+00

**METROPOLITAN AIRPORT AUTHORITY  
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**CONSTRUCT SOUTH SERVICE ROAD  
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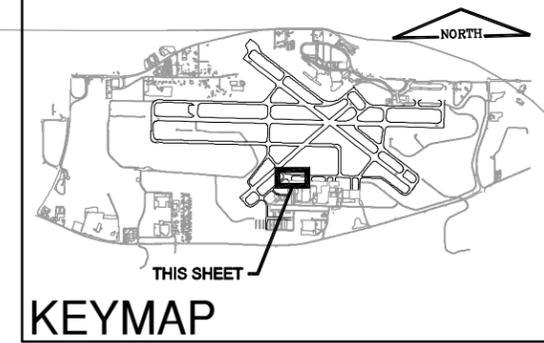
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SHEET	28 OF 47 SHEETS

**QU016**

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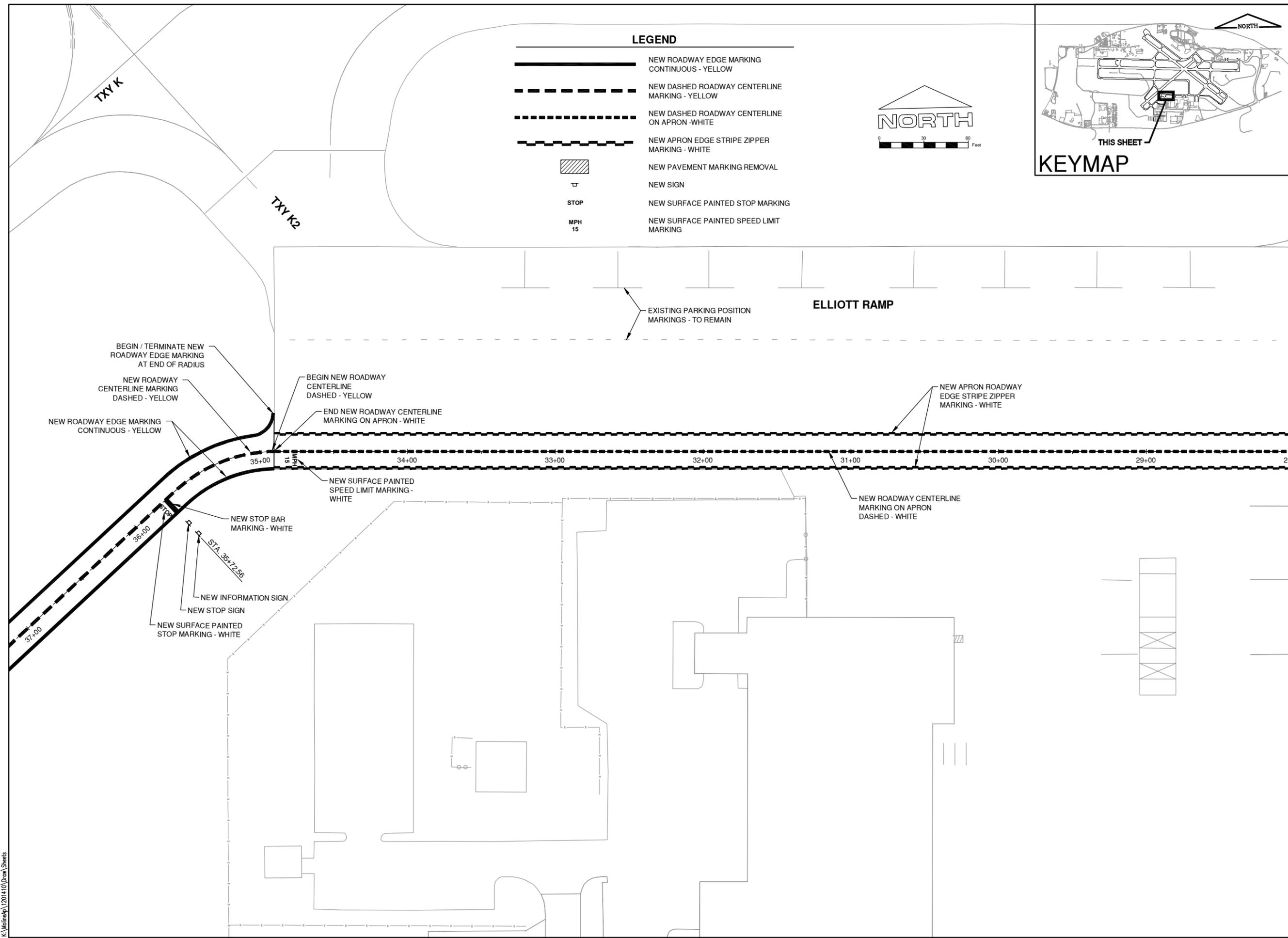
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**LEGEND**

-  NEW ROADWAY EDGE MARKING CONTINUOUS - YELLOW
-  NEW DASHED ROADWAY CENTERLINE MARKING - YELLOW
-  NEW DASHED ROADWAY CENTERLINE ON APRON - WHITE
-  NEW APRON EDGE STRIPE ZIPPER MARKING - WHITE
-  NEW PAVEMENT MARKING REMOVAL
-  NEW SIGN
-  NEW SURFACE PAINTED STOP MARKING
-  NEW SURFACE PAINTED SPEED LIMIT MARKING



**METROPOLITAN AIRPORT AUTHORITY  
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 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**

**CONSTRUCT SOUTH SERVICE ROAD  
 MARKING & SIGNAGE PLAN 4**

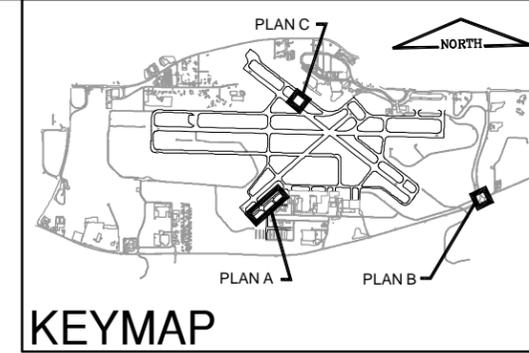
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APPROVED BY:	CET
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JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	29 OF 47 SHEETS

**LEGEND**

-  NEW ROADWAY EDGE MARKING CONTINUOUS - YELLOW
-  NEW DASHED ROADWAY CENTERLINE MARKING - YELLOW
-  NEW DASHED ROADWAY CENTERLINE MARKING ON APRON - WHITE
-  NEW APRON EDGE STRIPE ZIPPER MARKING - WHITE
-  NEW PAVEMENT MARKING REMOVAL
-  NEW SIGN
-  NEW SURFACE PAINTED STOP MARKING
-  NEW SURFACE PAINTED SPEED LIMIT MARKING



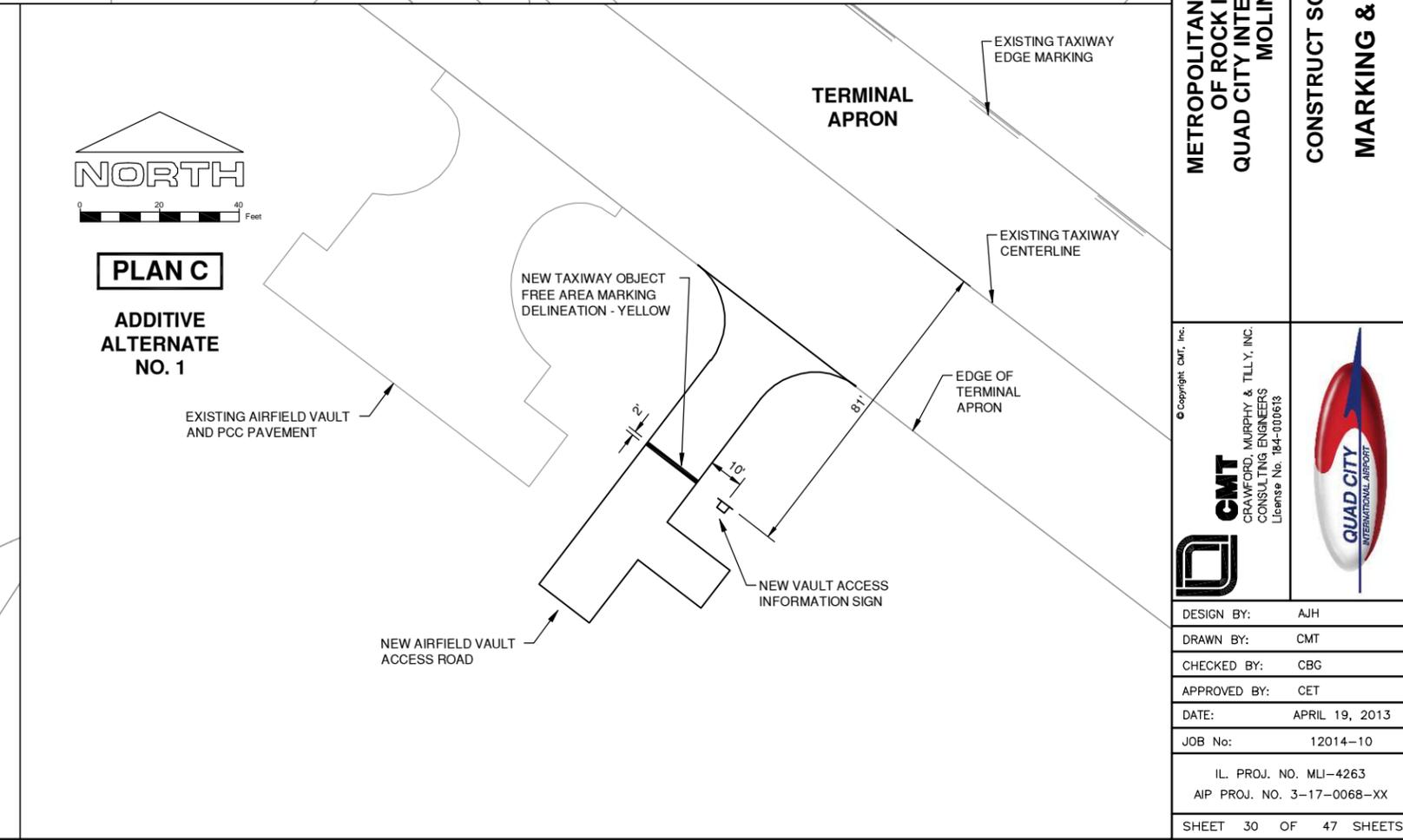
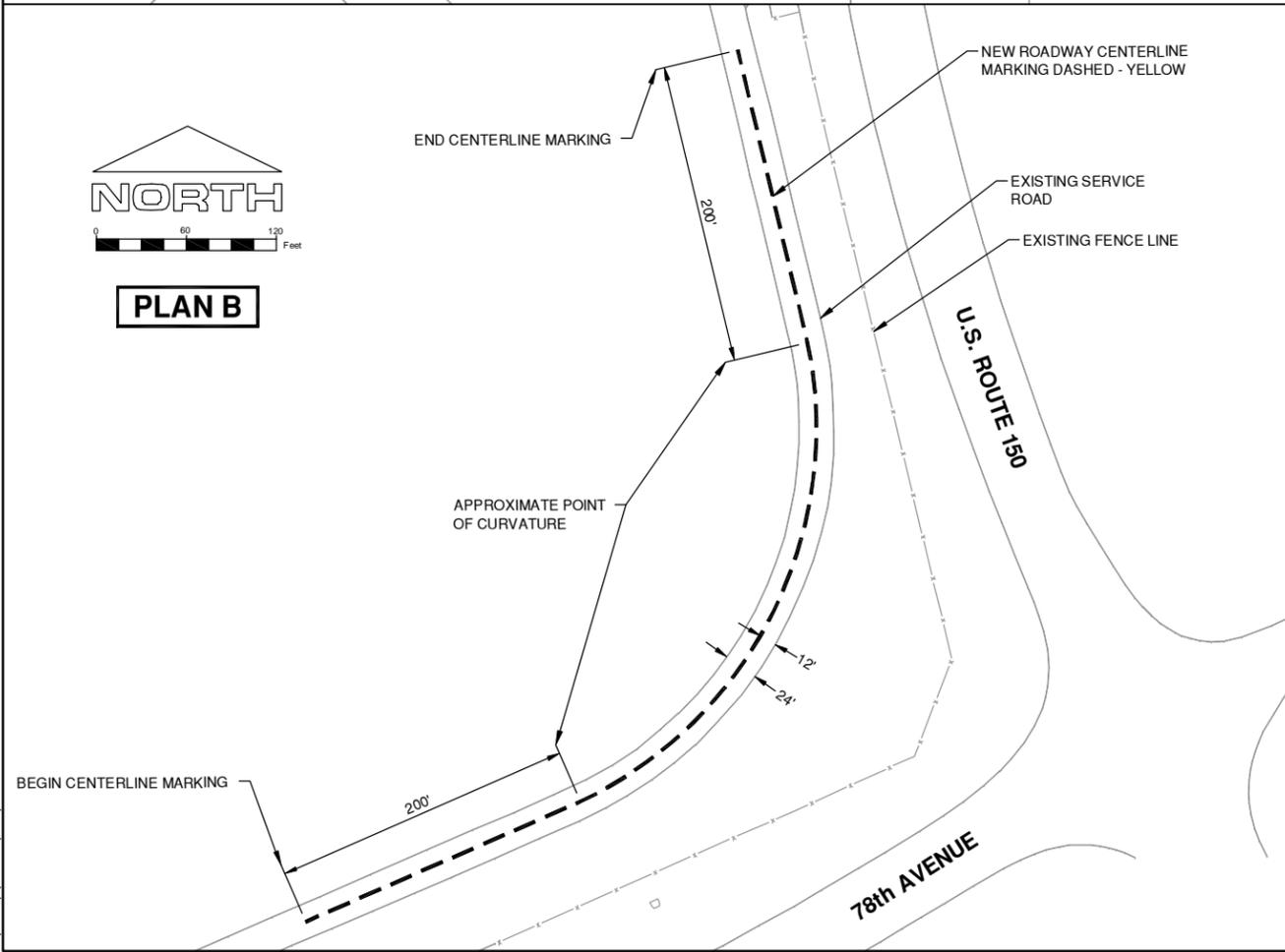
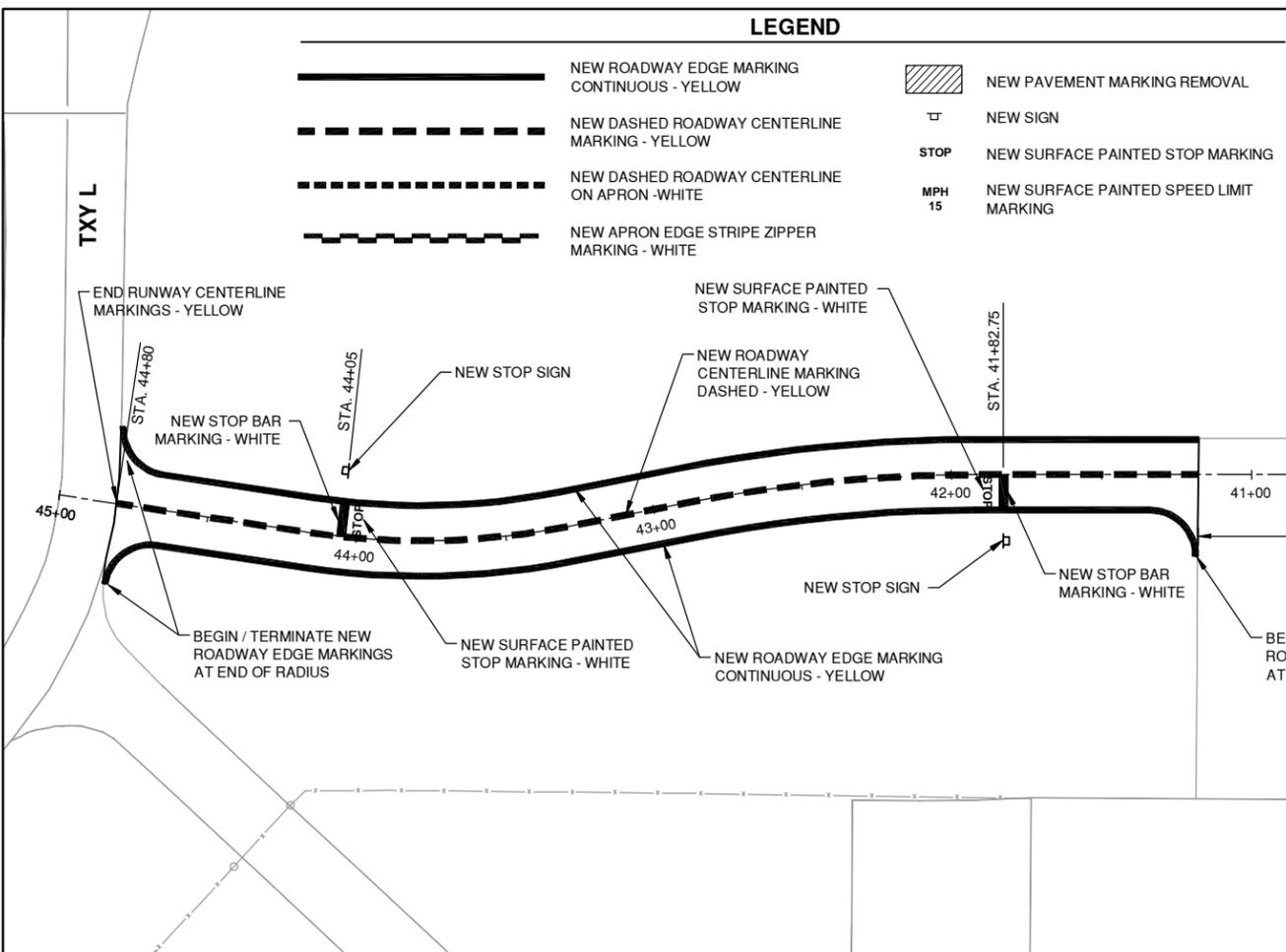
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 PLOT DATE: 5/14/2013 12:54 PM

quad-plan  
 BASE\_PROPGEO  
 KEYMAP  
 BASE\_PROPMARK

**QU016**

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NUMBER	BY	DATE

0 1 2  
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 MOLINE, ILLINOIS**

**CONSTRUCT SOUTH SERVICE ROAD  
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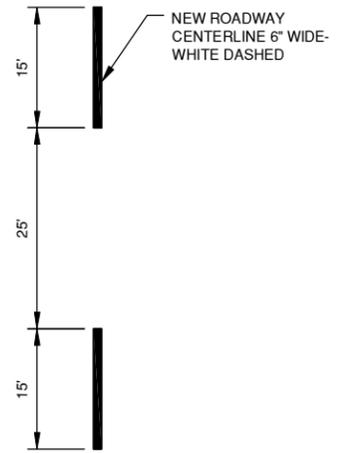
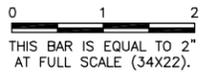


DESIGN BY:	AJH
DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	30 OF 47 SHEETS

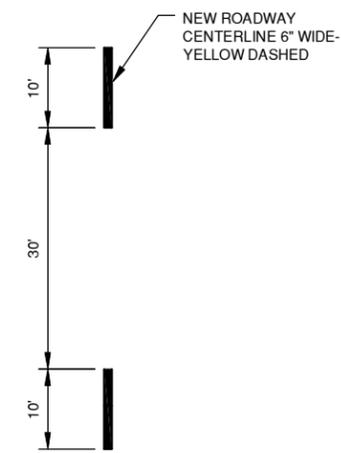
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**QU016**

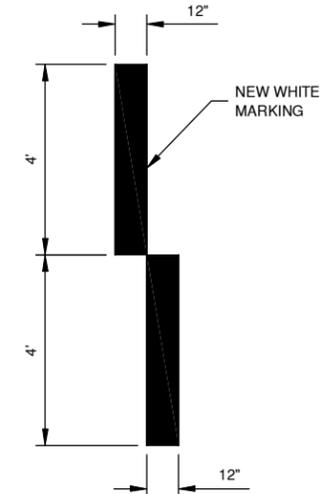
REVISIONS		
NUMBER	BY	DATE



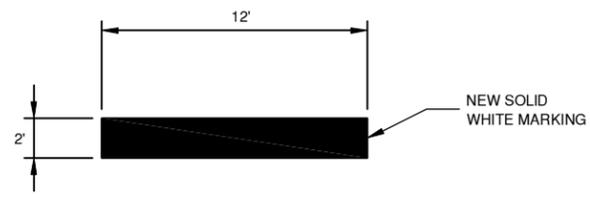
**ROADWAY CENTERLINE ON APRON - DASHED**  
N.T.S.



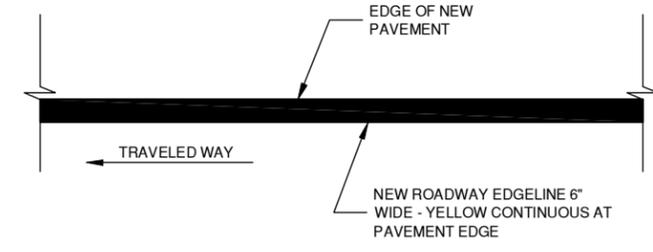
**ROADWAY CENTERLINE - DASHED**  
N.T.S.



**APRON ROADWAY EDGE STRIPE ZIPPER STYLE**  
N.T.S.



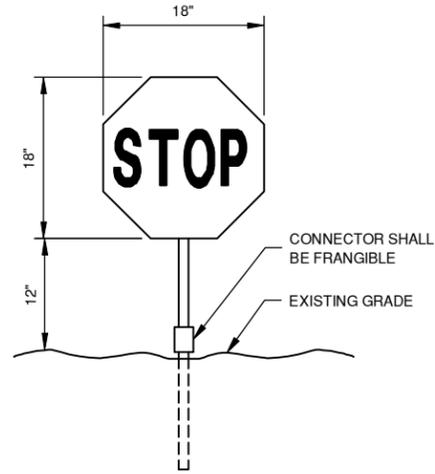
**STOP BAR DETAIL**  
N.T.S.



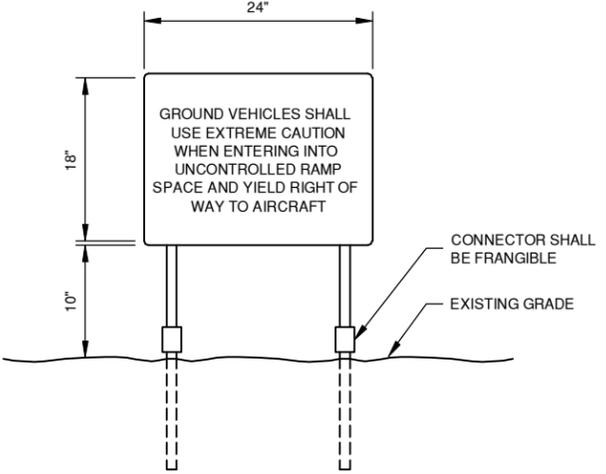
**ROADWAY EDGELINES DETAIL**  
N.T.S.

**PAVEMENT MARKING NOTE:**

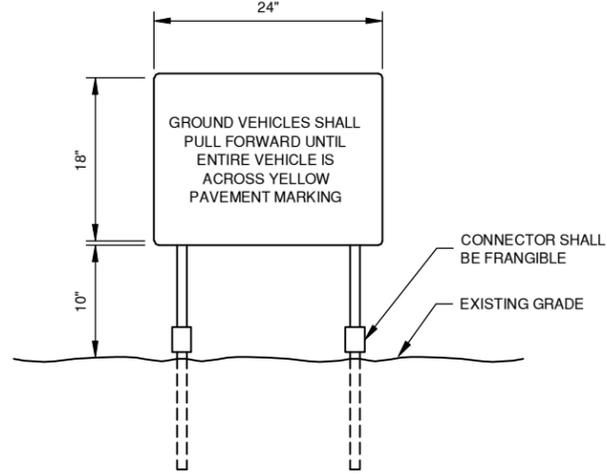
1. NO BLACK BORDER AND NO BLACK PAINT WILL BE USED FOR ANY OF THE SURFACE PAINTED PAVEMENT MARKINGS.



**STOP SIGN DETAIL**  
N.T.S.



**INFORMATION SIGN LEGEND**  
N.T.S.



**VAULT ACCESS INFORMATION SIGN LEGEND**  
N.T.S.

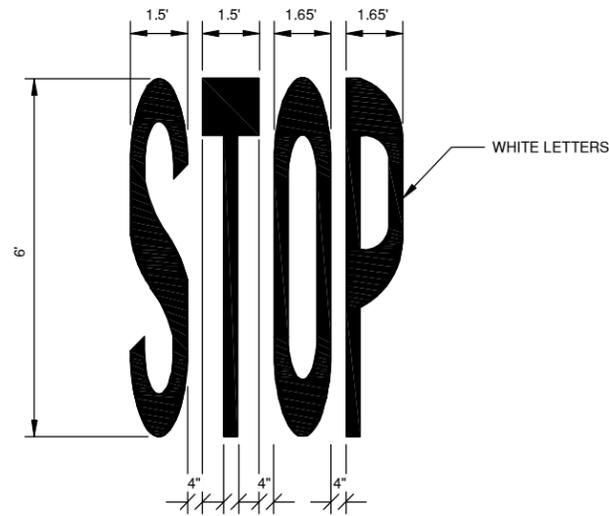
**INFORMATION SIGN NOTES**

1. FINAL SIGN FACE LEGENDS SHALL BE DETERMINED BY THE AIRPORT.
2. SIGN LEGENDS SHALL BE BLACK LETTERING ON WHITE BACKGROUND.

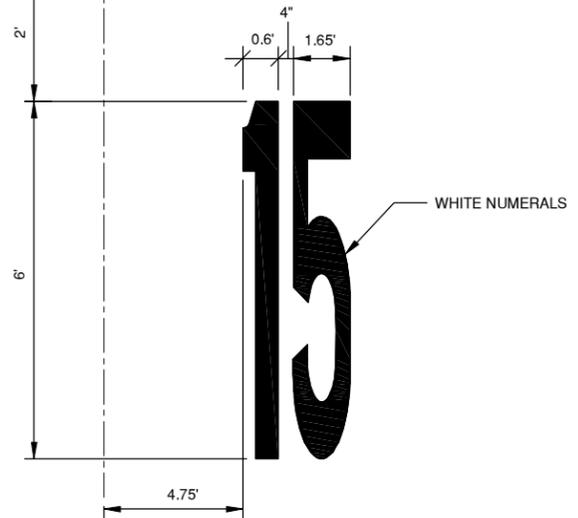
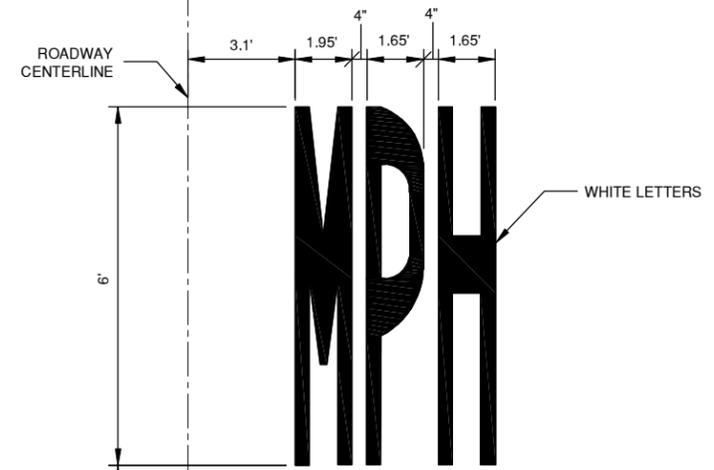
**METROPOLITAN AIRPORT AUTHORITY OF ROCK ISLAND COUNTY**  
**QUAD CITY INTERNATIONAL AIRPORT**  
**MOLINE, ILLINOIS**  
**CONSTRUCT SOUTH SERVICE ROAD**  
**MARKING DETAILS 1**

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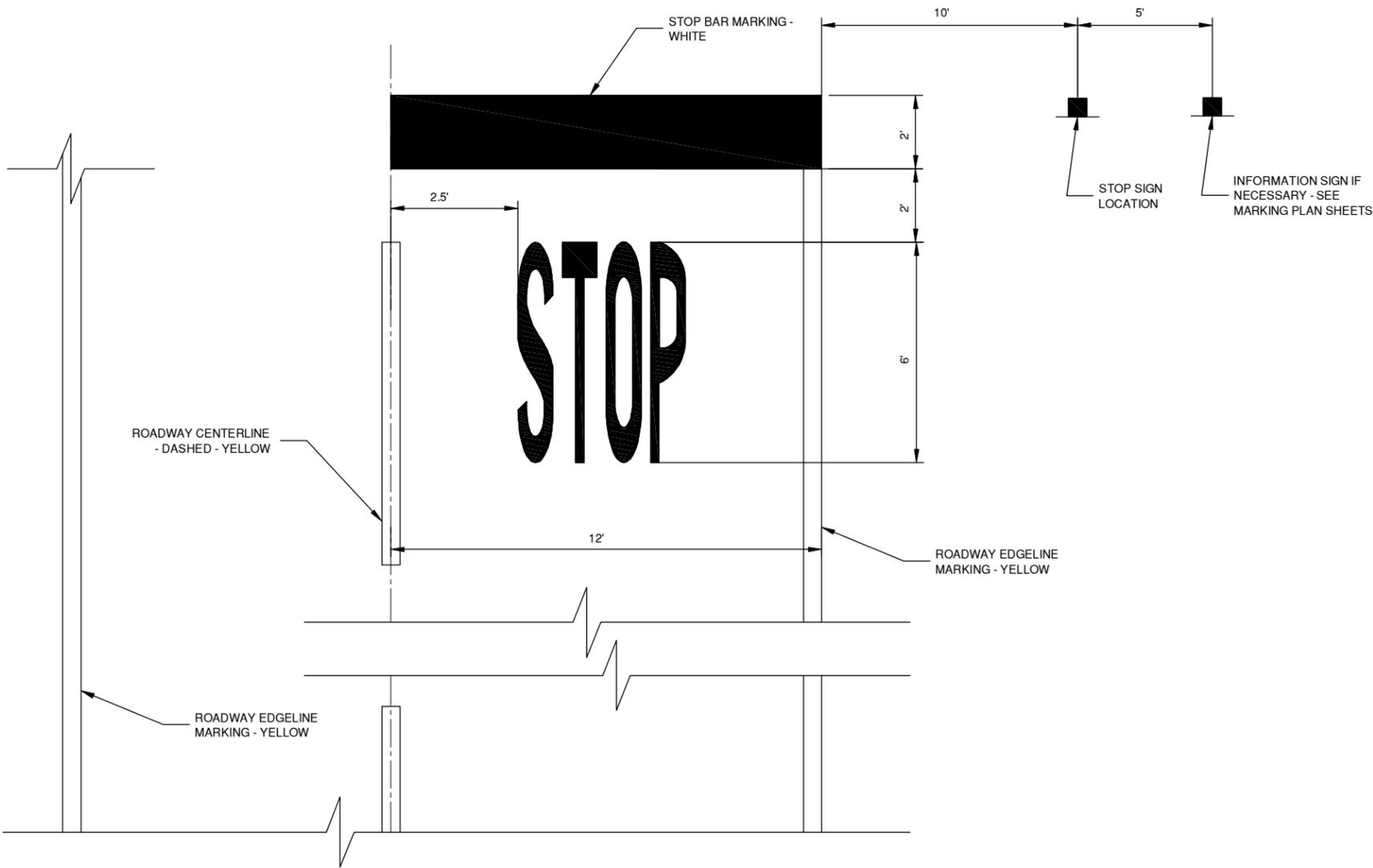
DESIGN BY:	AJH
DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	31 OF 47 SHEETS



**SURFACE PAINTED STOP LETTERING  
 MARKING DETAIL**  
 N.T.S.



**SURFACE PAINTED SPEED LIMIT LETTERING  
 MARKING DETAIL**  
 N.T.S.



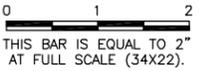
**STOP LOCATION MARKING AND SIGNAGE  
 LAYOUT DETAIL**  
 N.T.S.

**NOTES:**

1. LOCATION OF SURFACE PAINTED SPEED LIMIT LETTERING MARKING ON RAMP SHOWN ON MARKING PLAN SHEETS.
2. FINAL LOCATION AND LEGEND INFORMATION FOR THE SURFACE PAINTED GUIDANCE PAVEMENT MARKINGS SHALL BE APPROVED BY THE AIRPORT.
3. THE NUMBERS AND LETTERS USED SHALL CONFORM IN STYLE AND APPEARANCE TO THOSE USED IN APPENDIX 1 OF THE FAA AIRPORT ADVISORY CIRCULAR 150/5340-1J.
4. NO BLACK BORDER AND NO BLACK PAINT WILL BE USED FOR ANY OF THE SURFACE PAINTED PAVEMENT MARKINGS.

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METROPOLITAN AIRPORT AUTHORITY  
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CONSTRUCT SOUTH SERVICE ROAD  
 MARKING DETAILS 2

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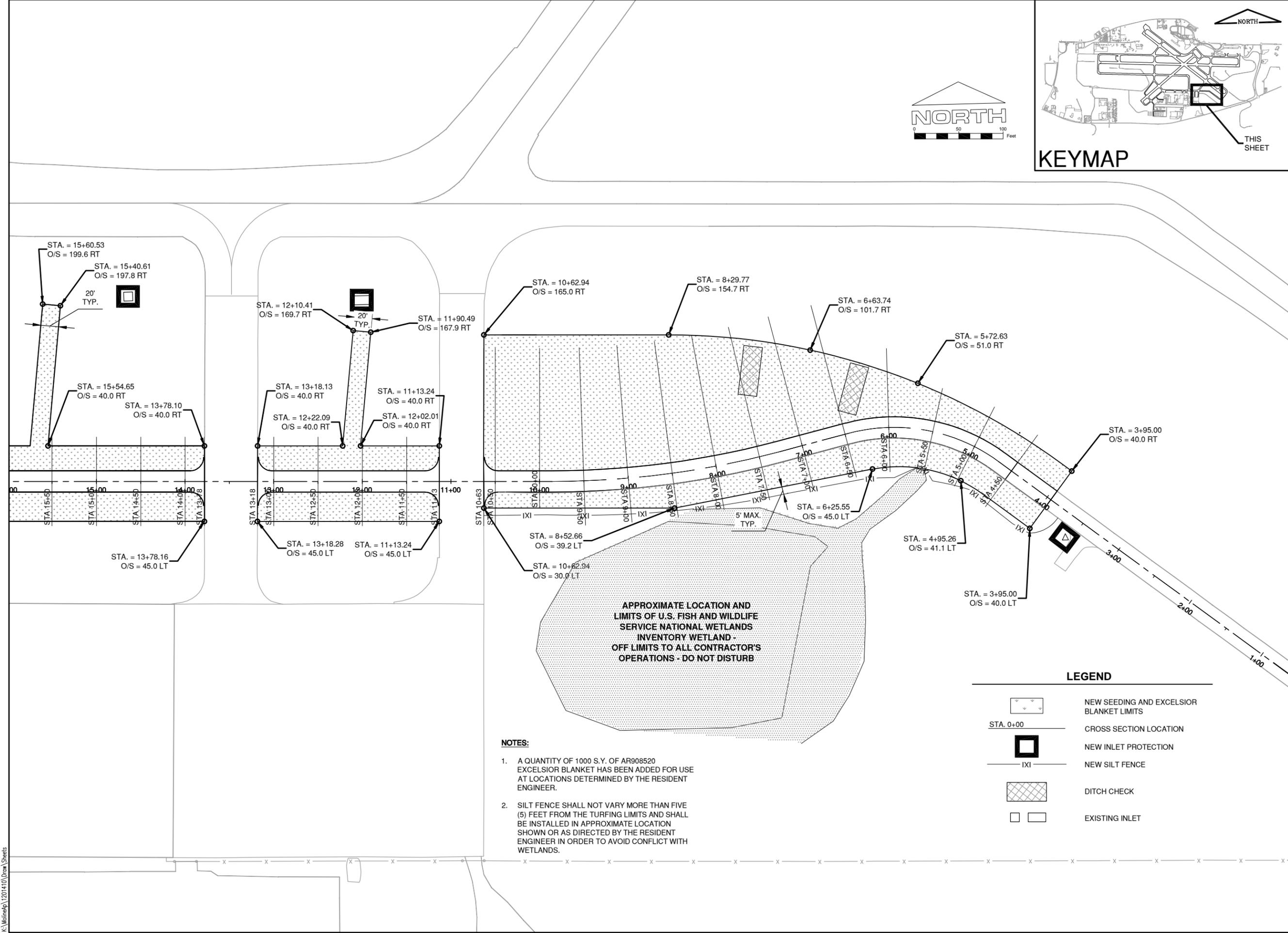
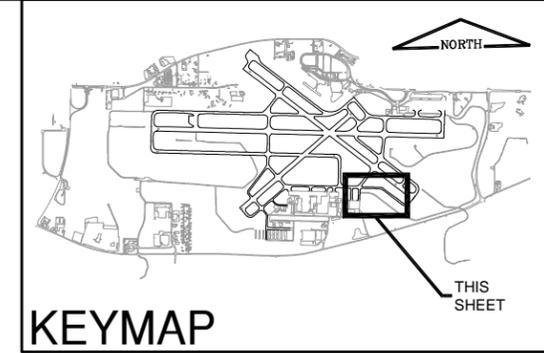
DESIGN BY:	AJH
DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET 32 OF 47 SHEETS	

**QU016**

REVISIONS

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34X22).



- NOTES:**
1. A QUANTITY OF 1000 S.Y. OF AR908520 EXCELSIOR BLANKET HAS BEEN ADDED FOR USE AT LOCATIONS DETERMINED BY THE RESIDENT ENGINEER.
  2. SILT FENCE SHALL NOT VARY MORE THAN FIVE (5) FEET FROM THE TURFING LIMITS AND SHALL BE INSTALLED IN APPROXIMATE LOCATION SHOWN OR AS DIRECTED BY THE RESIDENT ENGINEER IN ORDER TO AVOID CONFLICT WITH WETLANDS.

**LEGEND**

	NEW SEEDING AND EXCELSIOR BLANKET LIMITS
	CROSS SECTION LOCATION
	NEW INLET PROTECTION
	NEW SILT FENCE
	DITCH CHECK
	EXISTING INLET

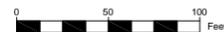
**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
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**CONSTRUCT SOUTH SERVICE ROAD  
 EROSION CONTROL & TURFING PLAN INDEX  
 TO CROSS SECTIONS 1**

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DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO. MLI-4263 AIP PROJ. NO. 3-17-0068-XX	
SHEET	33 OF 47 SHEETS

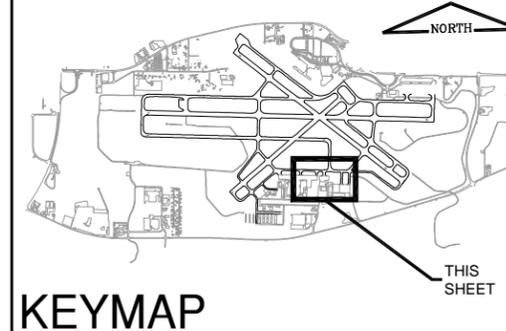


**NOTES:**

1. A QUANTITY OF 1000 S.Y. OF AR908520 EXCELSIOR BLANKET HAS BEEN ADDED FOR USE AT LOCATIONS DETERMINED BY THE RESIDENT ENGINEER.
2. THE CONTRACTOR SHALL REPAIR ALL TURF DISTURBED FOR THE CONSTRUCTION OF ADDITIVE ALTERNATE NO. 2. THIS AREA WILL NOT BE MEASURED FOR PAYMENT AND SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

**LEGEND**

- NEW SEEDING AND EXCELSIOR BLANKET LIMITS
- CROSS SECTION LOCATION
- NEW INLET PROTECTION
- EXISTING INLET



FILE: EROS02.dwg  
 UPDATE BY: Andrew Huebner  
 PLOT DATE: 5/14/2013 12:55 PM

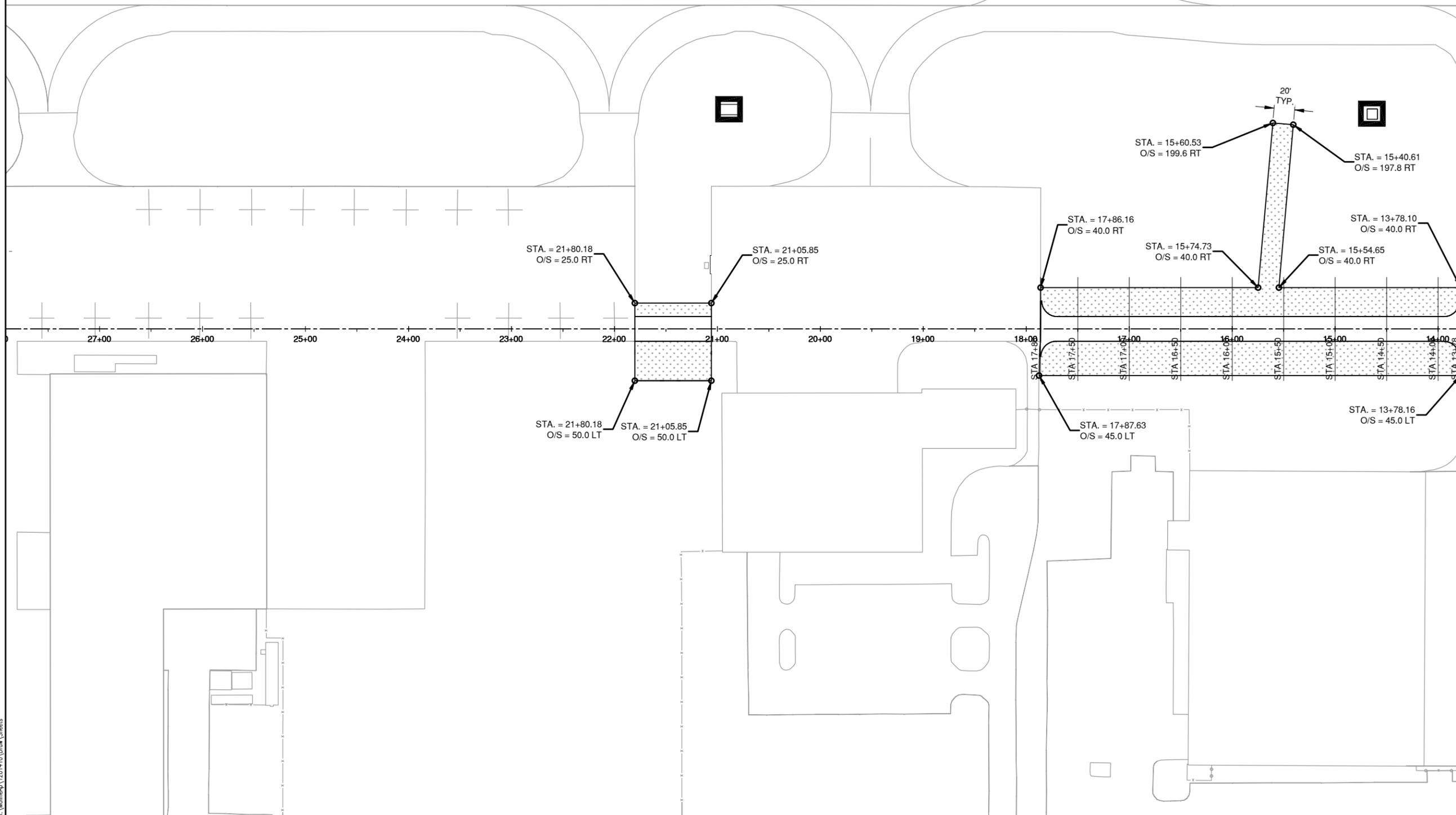
quad-plan  
 BASE\_PROPGEO  
 KEYMAP  
 BASE\_PROPTURF  
 x-Storm Sewer from GIS  
 1201410-C-7201

**QU016**

REVISIONS

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34X22).



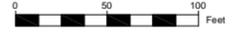
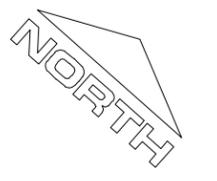
METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
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CONSTRUCT SOUTH SERVICE ROAD  
 EROSION CONTROL & TURFING PLAN INDEX  
 TO CROSS SECTIONS 2

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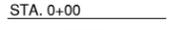


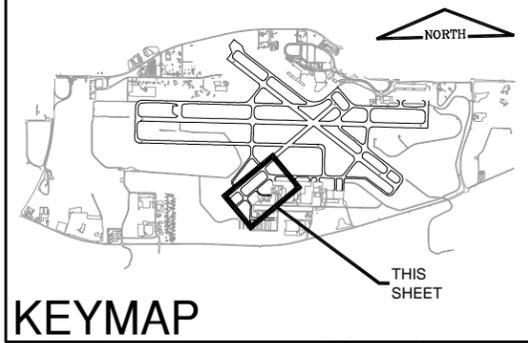
DESIGN BY:	AJH
DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL. PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	34 OF 47 SHEETS



**NOTE:**  
A QUANTITY OF 1000 S.Y. OF AR908520 EXCELSIOR BLANKET HAS BEEN ADDED FOR USE AT LOCATIONS DETERMINED BY THE RESIDENT ENGINEER.

**LEGEND**

-  NEW SEEDING AND EXCELSIOR BLANKET LIMITS
-  CROSS SECTION LOCATION
-  NEW INLET PROTECTION
-  EXISTING INLET



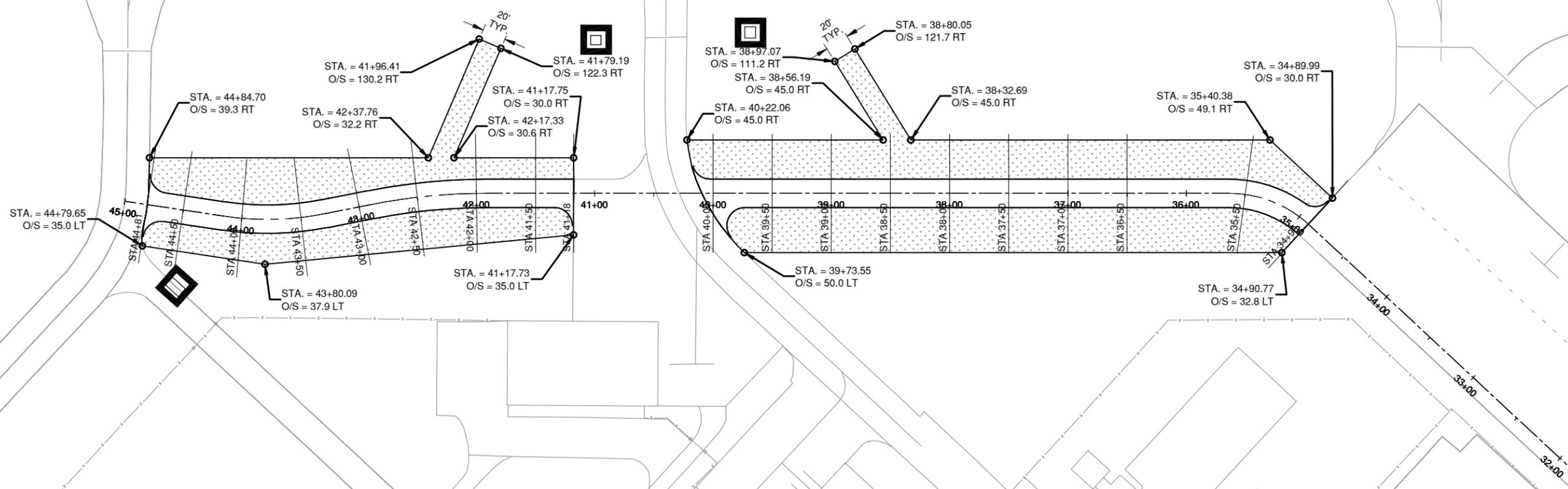
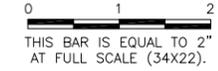
FILE: EROS03.dwg  
UPDATE BY: Andrew Huebner  
PLOT DATE: 5/14/2013 12:56 PM

quad-plan  
BASE\_PROPGEO  
KEYMAP  
BASE\_PROPTURF  
x-Storm Sewer from GIS  
1201410-C-7201

**QU016**

REVISIONS

NUMBER	BY	DATE



**METROPOLITAN AIRPORT AUTHORITY  
OF ROCK ISLAND COUNTY  
QUAD CITY INTERNATIONAL AIRPORT  
MOLINE, ILLINOIS**  
  
**CONSTRUCT SOUTH SERVICE ROAD  
EROSION CONTROL & TURFING PLAN INDEX  
TO CROSS SECTIONS 3**

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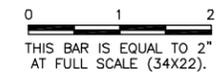
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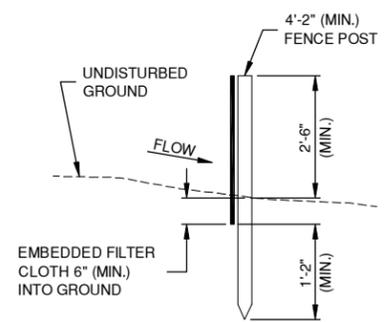
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CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	35 OF 47 SHEETS

**QU016**

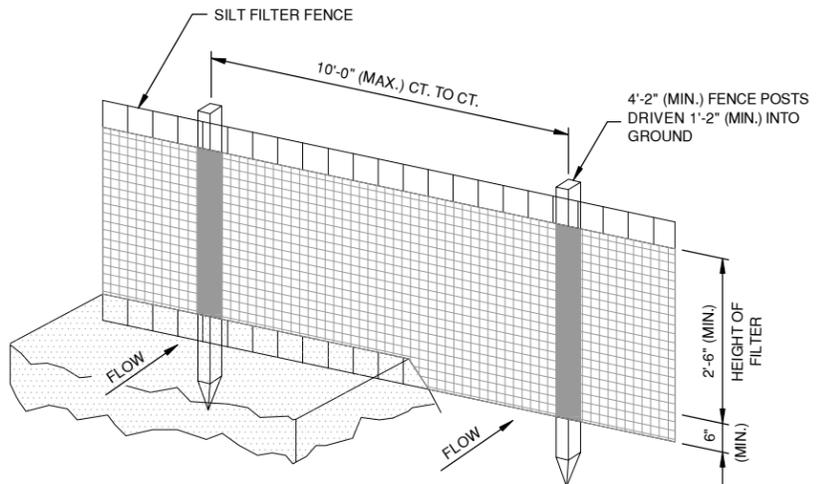
REVISIONS		
NUMBER	BY	DATE



**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**  
**CONSTRUCT SOUTH SERVICE ROAD  
 EROSION CONTROL DETAILS**



**SECTION**



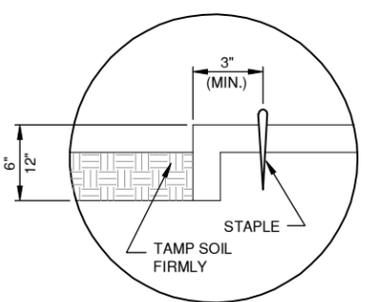
**PERSPECTIVE VIEW**

**EROSION CONTROL FABRIC FENCE DETAILS**

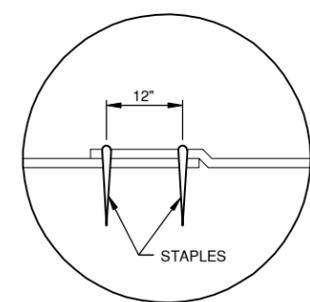
N.T.S.

**EROSION CONTROL FABRIC FENCE NOTES**

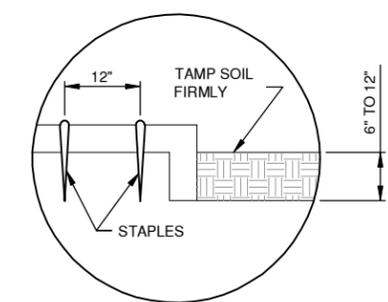
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 2'-0" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" MINIMUM AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. MAINTENANCE, WHICH INCLUDES THE REPLACEMENT OF DAMAGED FENCE SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE EROSION CONTROL FENCE.



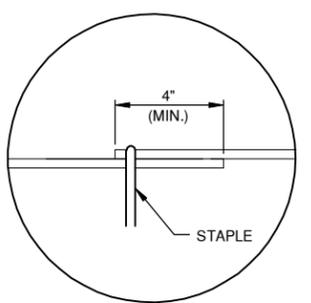
**DETAIL 1 - TERMINAL FOLD**



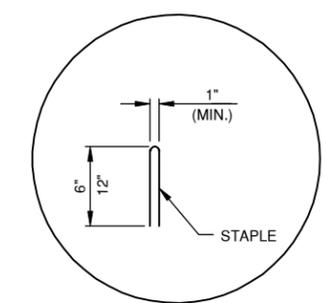
**DETAIL 2 - JUNCTION SLOT**



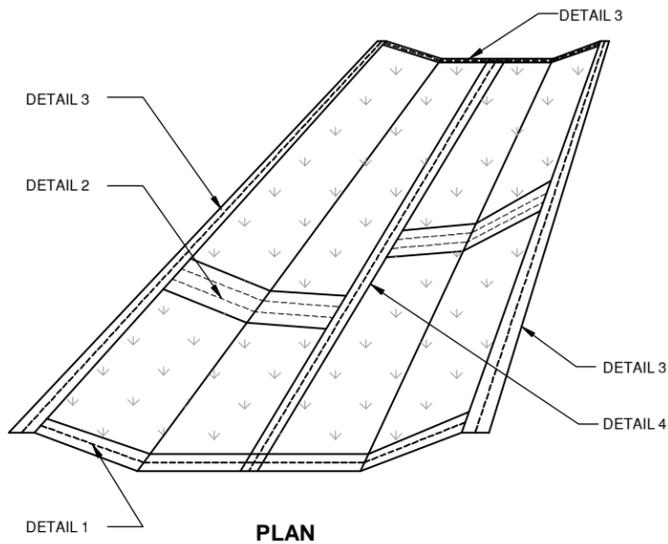
**DETAIL 3 - ANCHOR SLOT**



**DETAIL 4 - LAP JOINT**



**DETAIL 5 - STAPLE DETAIL**



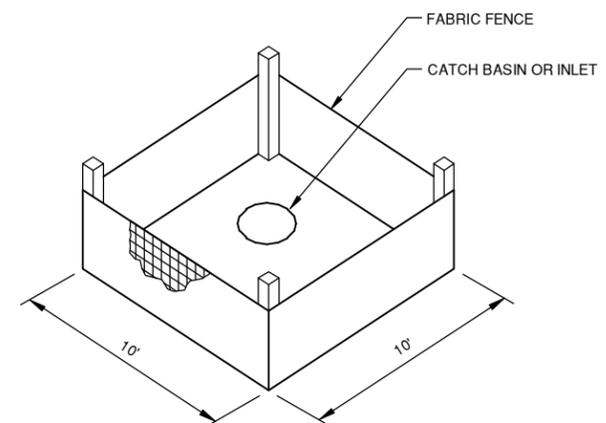
**PLAN**

**EXCELSIOR BLANKET DETAILS**

N.T.S.

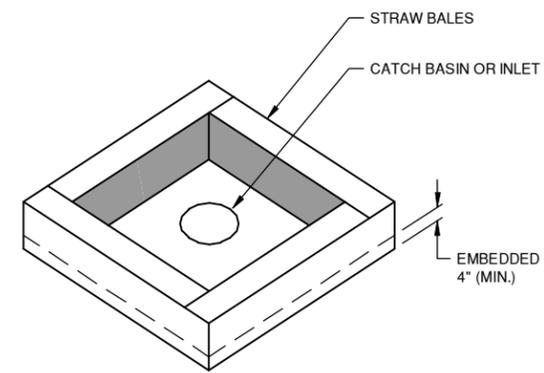
**EXCELSIOR BLANKET NOTES**

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



**INLET PROTECTION WITH FABRIC**

N.T.S.



**INLET PROTECTION WITH STRAW BALES**

N.T.S.

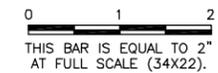
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CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	36 OF 47 SHEETS

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REVISIONS

NUMBER	BY	DATE

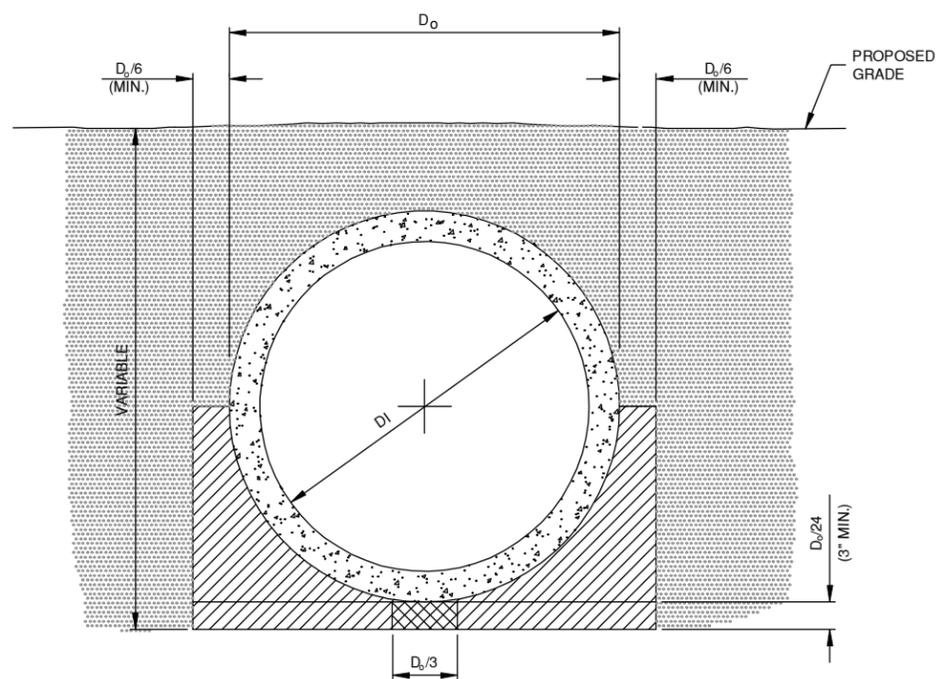


**TRENCH INSTALLATION LEGEND**

- DRAINAGE CONDUIT MATERIAL-CONCRETE
- MIDDLE BEDDING LOOSELY PLACED UNCOMPACTED BEDDING
- HAUNCH AND OUTER BEDDING COMPACTION- TO ENGINEER'S SATISFACTION OR 95% STANDARD PROCTOR
- LOWER SIDE AND OVERFILL COMPACTION- SAME AS EMBANKMENT REQUIREMENTS
- $D_o$  PIPE OUTSIDE DIAMETER
- $D_i$  PIPE INSIDE DIAMETER

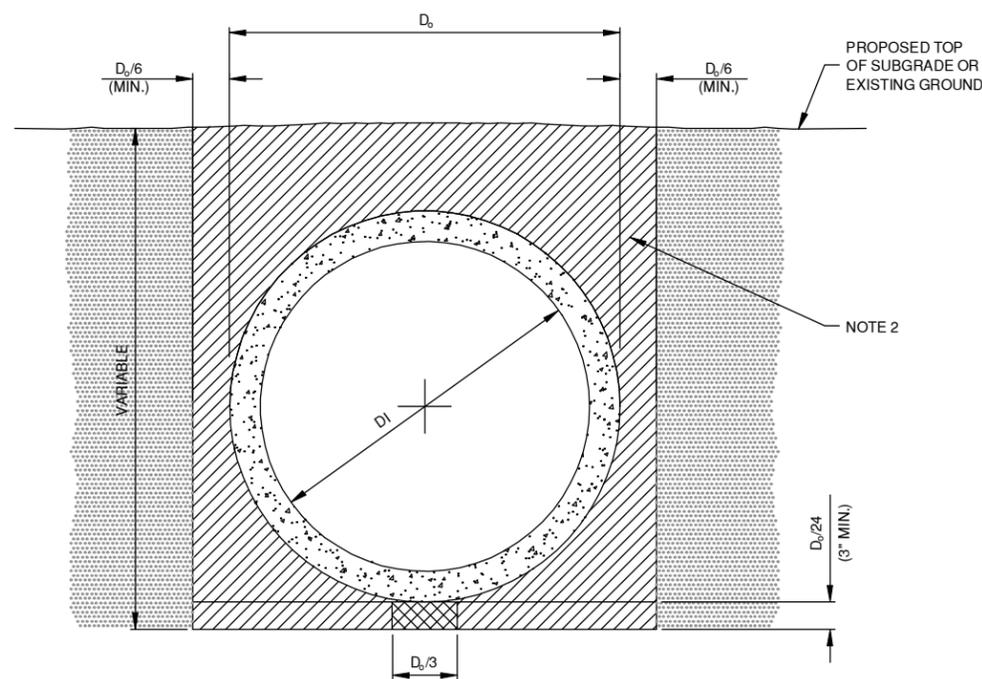
**TRENCH INSTALLATION NOTES**

- BEDDING SHOWN IS IN ACCORDANCE WITH "STANDARD EMBANKMENT INSTALLATIONS", STANDARD INSTALLATION & BEDDING FACTORS FOR THE INDIRECT DESIGN METHOD (DESIGN DATA 40), AMERICAN CONCRETE PIPE ASSOCIATION.
- BACKFILL TO EXTEND 3' BEYOND EDGES OF PROPOSED PAVEMENT.



**STANDARD TRENCH INSTALLATION  
NON-PAVED AREA**

N.T.S.



**STANDARD TRENCH INSTALLATION  
PROPOSED PAVED AREA**

N.T.S.

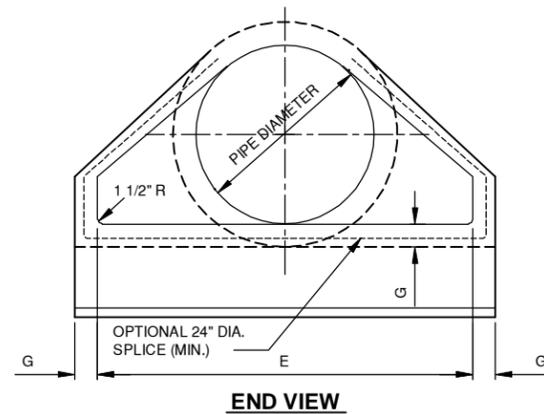
**DIMENSIONS - TABLE 1**

PIPE DIA.	APPROX. WT. (lbs.)	WALL	A	B	C	D	E	G	R	SLOPE
12"	530	2"	4"	2'-0"	4'-0 7/8"	6'-0 7/8"	2'-0"	2"	9"	3:1
15"	740	2 1/4"	6"	2'-3"	3'-10"	6'-1"	2'-6"	2 1/4"	11"	3:1
18"	990	2 1/2"	9"	2'-3"	3'-10"	6'-1"	3'-0"	2 1/2"	12"	3:1
21"	1280	2 3/4"	9"	2'-11"	3'-2"	6'-1"	3'-6"	2 3/4"	13"	3:1
24"	1520	3"	9 1/2"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	3"	14"	3:1
27"	1930	3 1/4"	10 1/2"	4'-0"	2'-1 1/2"	6'-1 1/2"	4'-6"	3 1/4"	14 1/2"	3:1
30"	2190	3 1/2"	1'-0"	4'-6"	1'-7 3/4"	6'-1 3/4"	5'-0"	3 1/2"	15"	3:1
33"	3200	3 3/4"	1-1 1/2"	4'-10 1/2"	3'-3 1/4"	8'-1 3/4"	5'-6"	3 3/4"	17 1/2"	3:1
36"	4100	4"	1'-3"	5'-3"	2'-10 3/4"	8'-1 3/4"	6'-0"	4"	20"	3:1
42"	5380	4 1/2"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	4 1/2"	22"	3:1
48"	6550	5"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	5"	22"	3:1
54"	8240	5 1/2"	2'-3"	5'-5"	2'-11"	8'-4"	7'-6"	5 1/2"	24"	2.4:1
60"	8730	6"	2'-11"	5'-0"	3'-3"	8'-3"	8'-0"	5"	*	2:1
66"	10710	6 1/2"	2'-6"	6'-0"	2'-3"	8'-3"	8'-6"	5 1/2"	*	2:1
72"	12520	7"	3'-0"	6'-6"	1'-9"	8'-3"	9'-0"	6"	*	1.86:1
78"	14770	7 1/2"	3'-0"	7'-6"	1'-9"	9'-3"	9'-6"	6 1/2"	*	1.82:1
84"	18160	8"	3'-0"	7'-6 1/2"	1'-9"	9'-3 1/2"	10'-0"	6 1/2"	*	1.5:1

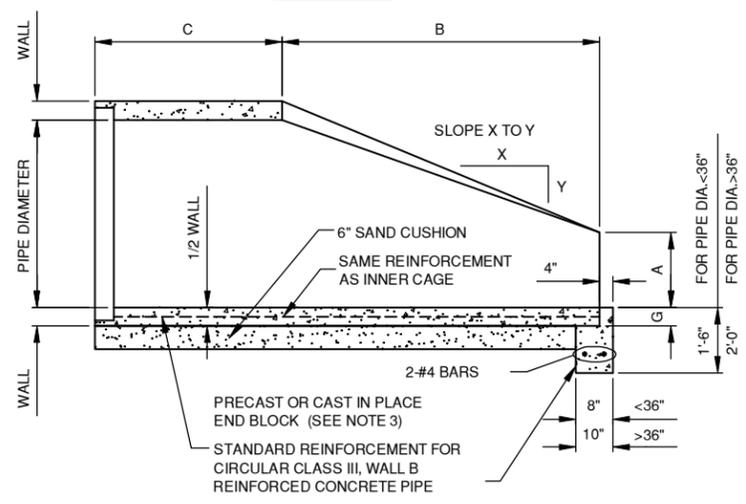
\* RADIUS AS FURNISHED BY MANUFACTURER.

**PRECAST FLARE SECTION NOTES**

- PRECAST CONCRETE FLARED END SECTIONS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-170 CLASS III, WALL B REINFORCED CONCRETE PIPE.
- PRECAST CONCRETE FLARED END SECTION FOR PIPE DIAMETER REQUIRED SHALL BE AS INDICATED ON DETAIL PLAN FOR EACH INDIVIDUAL INSTALLATION.
- THE END BLOCK SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE FLARED END SECTION. THE END BLOCK SHALL BE BACKFILLED IN ACCORDANCE WITH ITEM 701.



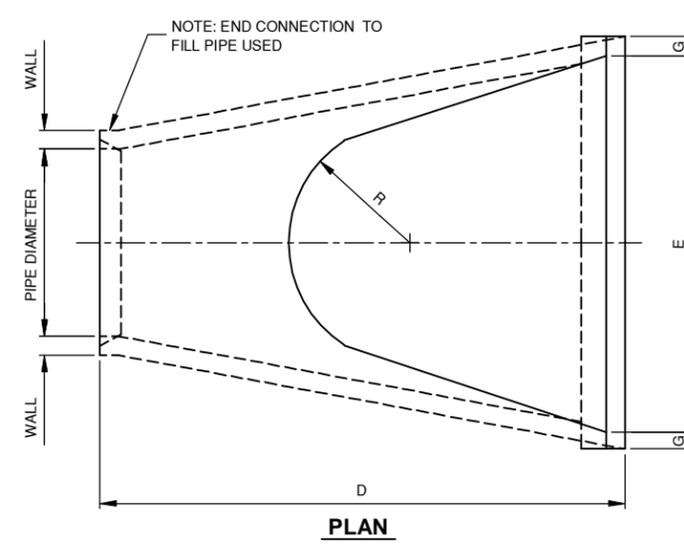
**END VIEW**



**LONGITUDINAL SECTION**

**PRECAST REINFORCED CONCRETE FLARED END SECTION**  
(I.D.O.T. STD. NO. 542301)

N.T.S.



**PLAN**

**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**  
**CONSTRUCT SOUTH SERVICE ROAD  
 DRAINAGE DETAILS 1**

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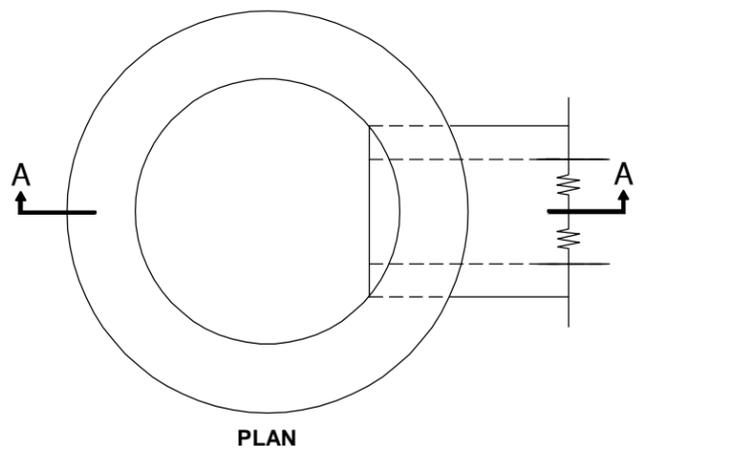


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DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	37 OF 47 SHEETS

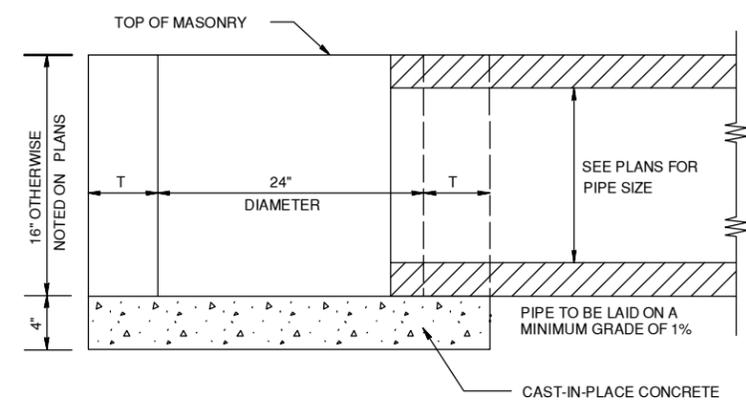
**QU016**

REVISIONS		
NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34X22).



**PLAN**

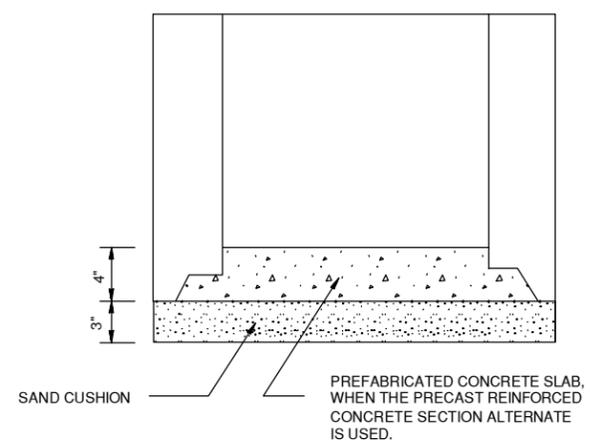
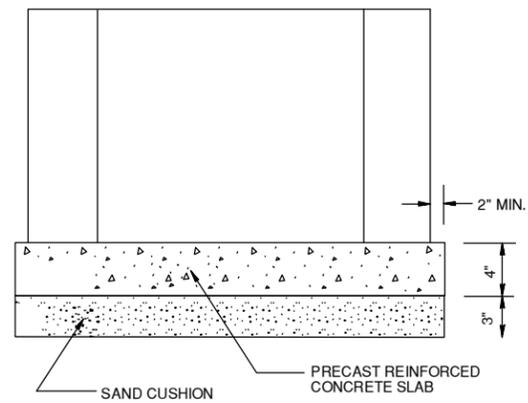


**SECTION A-A**  
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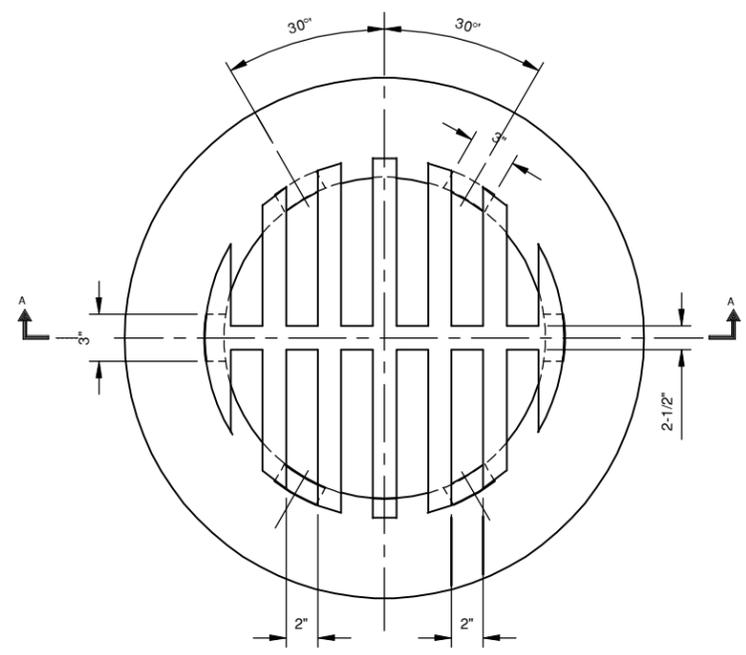
ALTERNATE MATERIALS FOR WALLS	T
CAST-IN-PLACE-CONCRETE	6"
PRECAST REINFORCED CONCRETE SECTION	3"

**TYPE A INLET DETAIL**

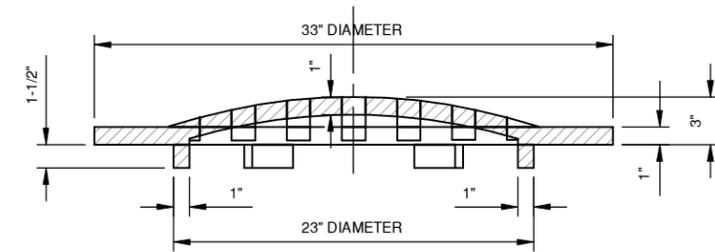
IDOT STANDARD 602301  
N.T.S.



**ALTERNATE METHODS**  
N.T.S.



**CAST GRATE**



**SECTION A-A**

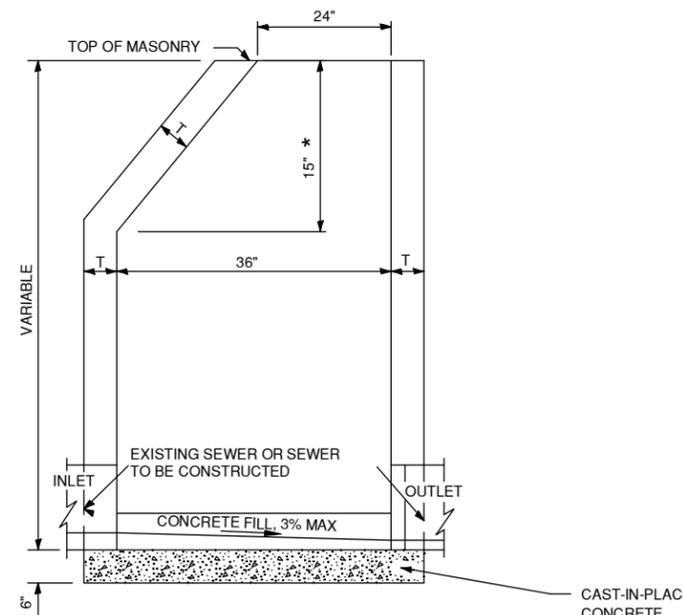
**GRATE TYPE 8 DETAIL**

IDOT STANDARD 604036-01  
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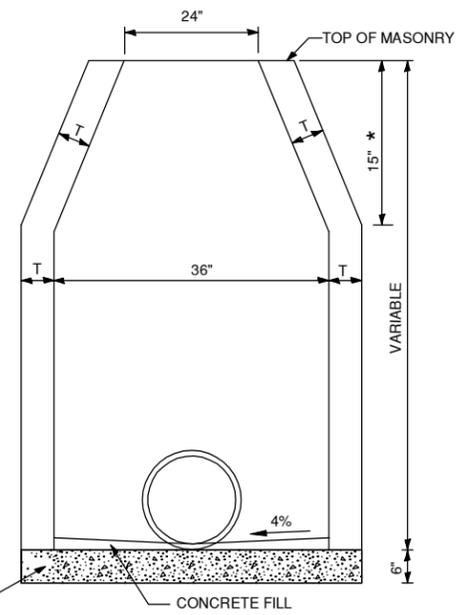
ALTERNATE MATERIALS FOR WALLS	T (MIN.)
PRECAST REINFORCED CONCRETE SECTION	3"
CAST-IN-PLACE CONCRETE	6"

**GENERAL NOTES**

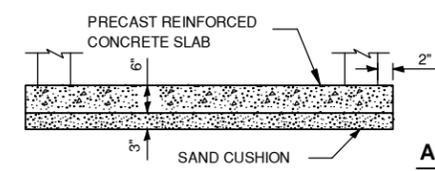
- \* THIS DIMENSION FOR PRECAST REINFORCED CONCRETE SECTIONS MAY VARY FROM THE DIMENSION GIVEN TO PLUS 6".
- SEE STANDARD 602601 FOR OPTIONAL PRECAST CONCRETE FLAT SLAB TOP.
- ALL DIMENSION ARE IN INCHES UNLESS OTHERWISE SHOWN.



**ELEVATION - ECCENTRIC**



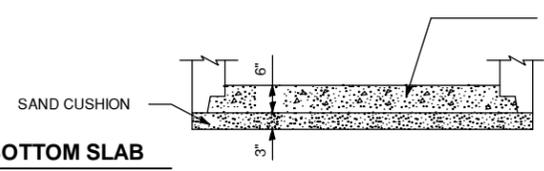
**ELEVATION - CONCENTRIC**



**ALTERNATE BOTTOM SLAB**

**TYPE B INLET DETAIL**

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N.T.S.

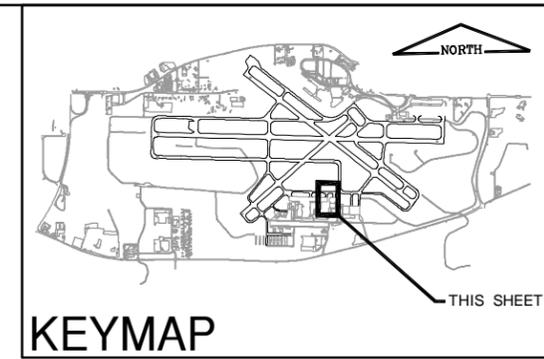
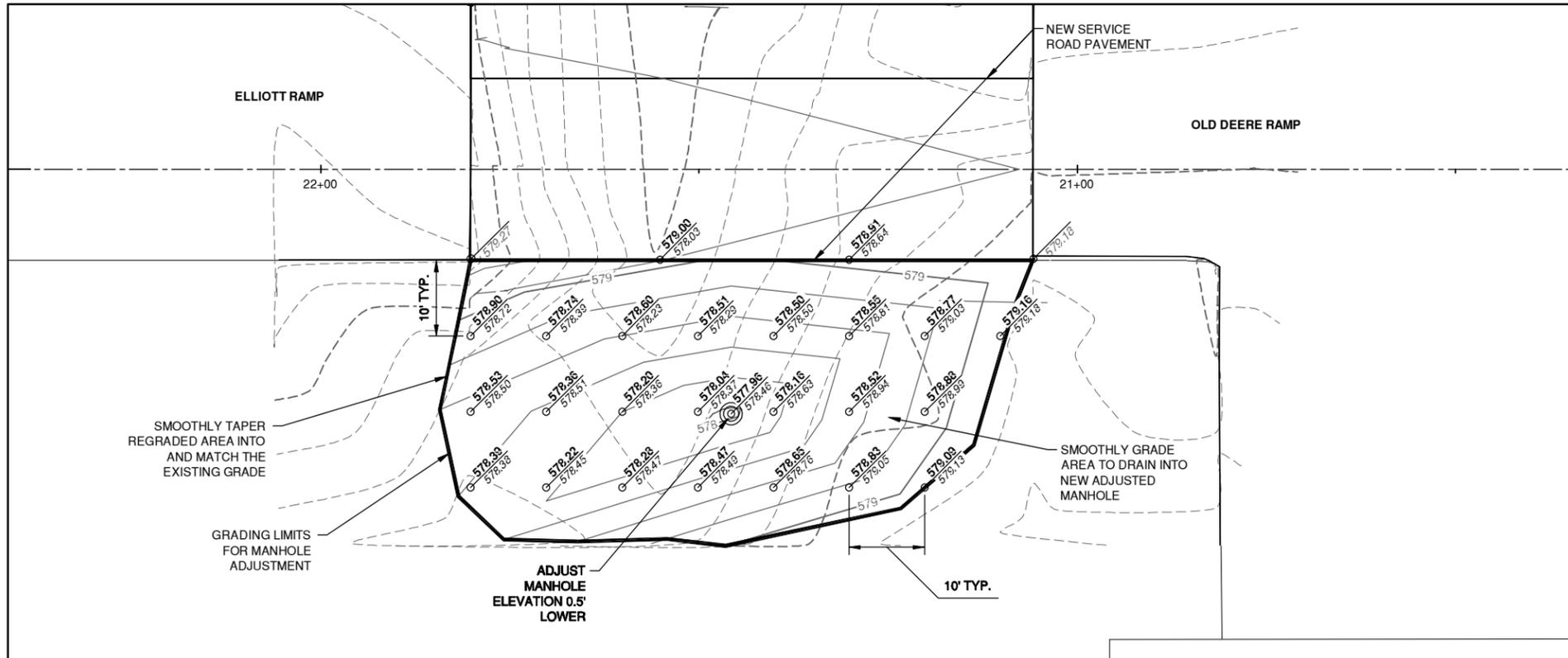


PREFABRICATED CONCRETE SLAB, WHEN THE PRECAST REINFORCED CONCRETE SECTION ALTERNATE IS USED.

**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**  
**CONSTRUCT SOUTH SERVICE ROAD  
 DRAINAGE DETAILS 2**



DESIGN BY:	AJH
DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	38 OF 47 SHEETS



FILE: STAKE02.dwg  
 UPDATE BY: Andrew Huebner  
 PLOT DATE: 5/14/2013 12:57 PM

KEYMAP  
 quad-plan  
 BASE\_PROPGEO  
 120141001-V-VF3D

**QU016**

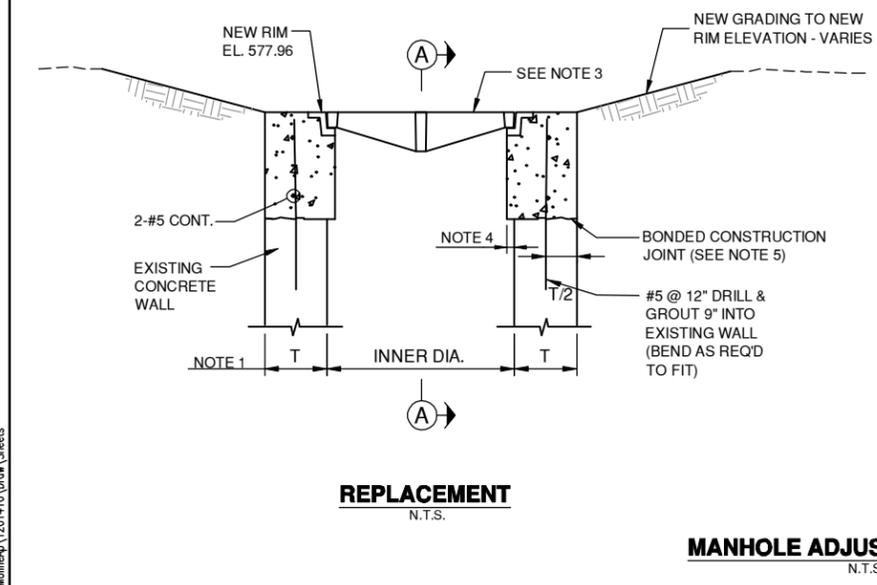
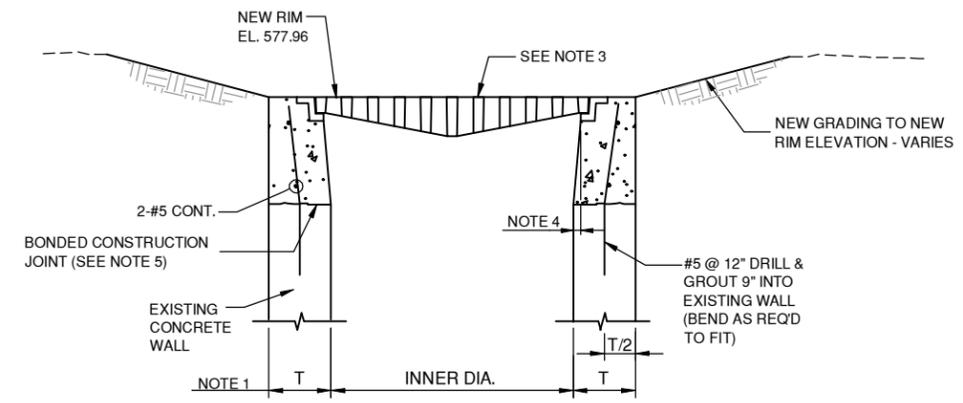
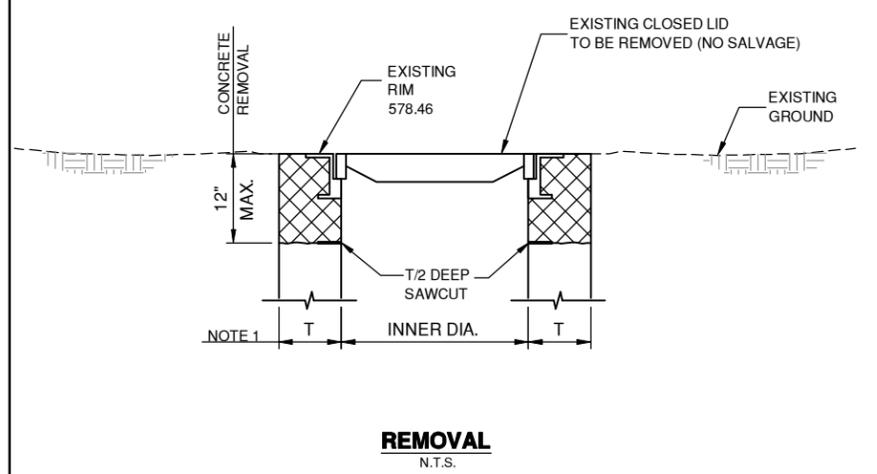
REVISIONS		
NUMBER	BY	DATE



**LEGEND**

	PROPOSED ELEVATION
	EXISTING ELEVATION
	PROPOSED CONTOURS
	EXISTING CONTOURS
	GRADING LIMITS

- NOTES:**
- EARTHWORK MATERIAL EXCAVATED TO COMPLETE GRADING FOR THE MANHOLE ADJUSTMENT AS SHOWN ON THIS SHEET IS TO BE INCORPORATED INTO THE CONSTRUCTION OF THE SERVICE ROAD AND WILL NOT BE REMOVED FROM THE SITE.
  - THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCING MANHOLE ADJUSTMENT WORK.
  - UPON COMPLETION OF THE MANHOLE ADJUSTMENT, THE CONTRACTOR SHALL INSTALL SILT FENCE AROUND THE NEW GRATE. THIS WILL BE INSTALLED AND PAID FOR IN ACCORDANCE WITH ITEM AR156510 SILT FENCE.
  - THE ENTIRE GRADING AND DISTURBED AREA SHALL BE SEEDED AND MULCHED - SEE EROSION CONTROL AND TURFING PLAN SHEETS.



- NOTES:**
- THE CONTRACTOR SHALL FIELD VERIFY ALL INFORMATION SHOWN IN THE DETAIL ON THIS SHEET.
  - EXISTING STRUCTURE DIMENSIONS ARE ESTIMATED FROM TOPOGRAPHIC SURVEYS. ALL DIMENSIONS SHALL BE MEASURED IN FIELD BY CONTRACTOR PRIOR TO SUBMITTING SHOP DRAWINGS.
  - THE CONTRACTOR SHALL SUBMIT A NEW FRAME AND GRATE SHOP DRAWING FOR APPROVAL ONLY AFTER COMPLETION OF FIELD MEASUREMENTS AND VERIFICATION.
  - NEW CONCRETE WALL REPLACEMENT SHALL BE TAPERED OR OVERHANG EXISTING WALL TO ACCOMMODATE NEW GRATE AND FRAME.
  - EXISTING CONCRETE SURFACES WHICH ARE TO RECEIVE NEW CONCRETE SHALL BE CLEANED PRIOR TO APPLYING BONDING AGENT.

**MANHOLE ADJUSTMENT AND GRADING  
 DETAIL**

METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS

CONSTRUCT SOUTH SERVICE ROAD  
 MANHOLE ADJUSTMENT AND GRADING  
 DETAIL

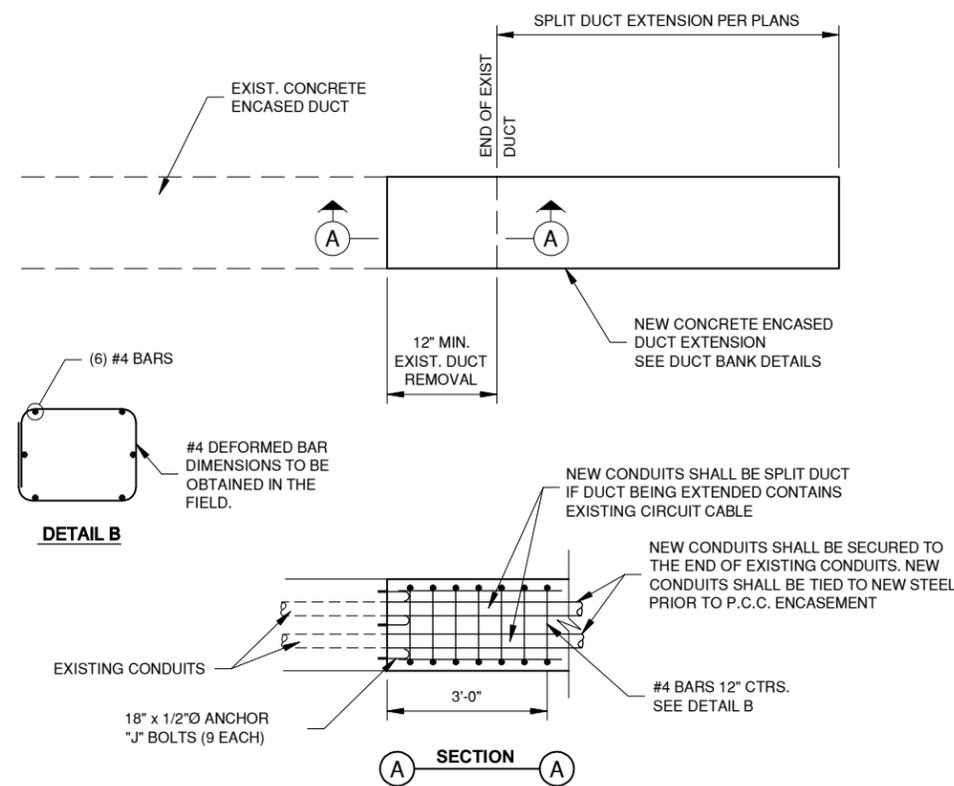
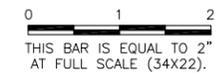
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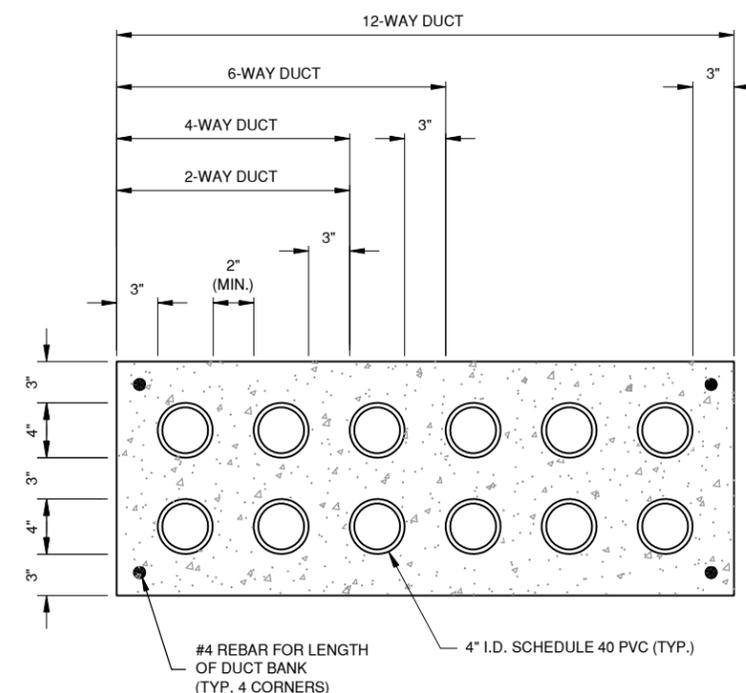
DESIGN BY:	AJH
DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL. PROJ. NO. MLI-4263	
AIP PROJ. NO. 3-17-0068-XX	
SHEET	39 OF 47 SHEETS

**QU016**

REVISIONS		
NUMBER	BY	DATE



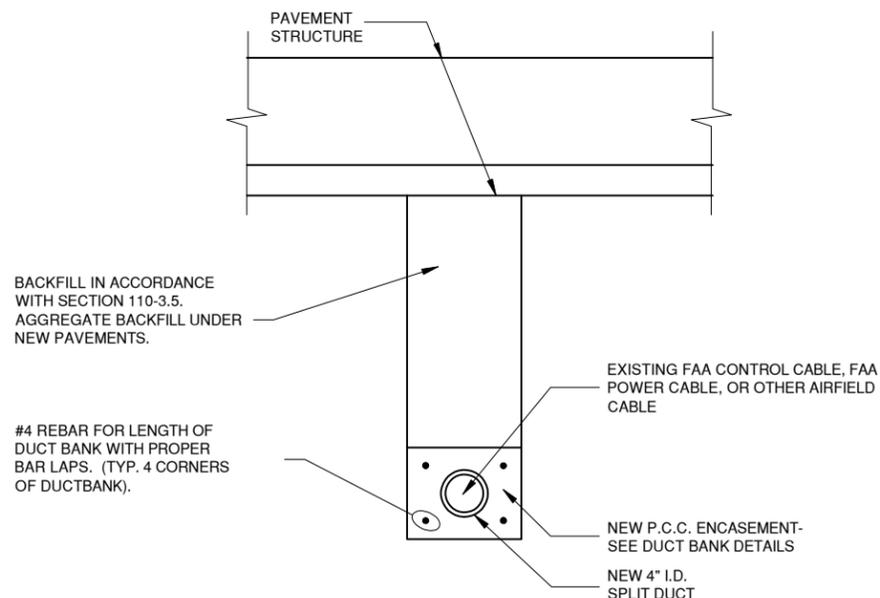
**DUCT EXTENSION DETAIL**  
N.T.S.



**DUCT BANK DETAIL**  
N.T.S.

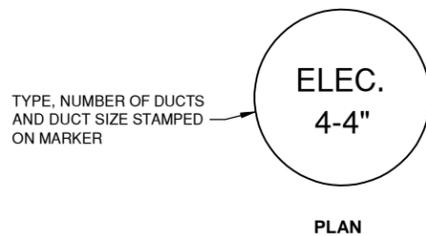
**NOTES**

- DIMENSIONS SHOWN ARE MINIMUM.
- TOP OF CONCRETE ENCASEMENT TO BE NOT LESS THAN 18" BELOW FINISHED SUBGRADE.
- DUCT CONCRETE SHALL BE ITEM 610 STRUCTURAL P.C.C. CONCRETE.
- ALL DUCT SHALL BE 4" INSIDE DIAMETER.
- LOCATIONS SHOWN ARE APPROXIMATE. DUCT BANKS SHALL BE INSTALLED AT LOCATIONS DESIGNATED BY THE ENGINEER.
- CONTRACTOR SHALL INSTALL DUCT BANKS AT A DEPTH WHICH WILL NOT CONFLICT WITH ELEVATION SENSITIVE UTILITIES.
- A PULL WIRE SHALL BE PROVIDED IN EACH UNUSED CONDUIT. UNUSED DUCT SHALL BE SEALED WITH PVC PLUGS/CAPS TO THE SATISFACTION OF THE ENGINEER.
- DUCT BANKS SHALL EXTEND A MINIMUM OF 5' BEYOND THE NEW EDGE OF PAVEMENT.

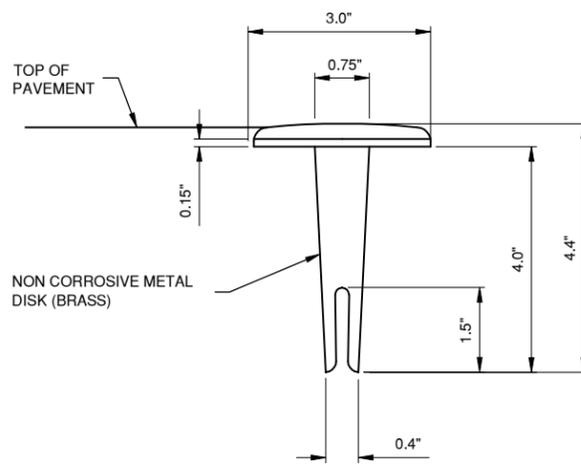


- CONTRACTOR SHALL CUT THE #6 BARE COPPER WIRE AT EACH END OF THE NEW DUCT AND EXOTHERMICALLY WELD THE WIRE TO A 3/4" DIA. x 10' LONG GROUND ROD. THIS COST SHALL BE INCIDENTAL TO THE SPLIT DUCT INSTALLATION.

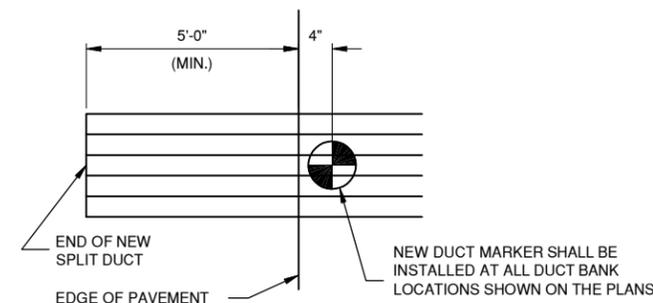
**SPLIT DUCT DETAIL**  
N.T.S.



**PLAN**



**SECTION**



- DUCT MARKERS SHALL BE RECESSED AND GROUTED INTO THE PAVEMENTS AND SHALL BE INCIDENTAL TO THE SPLIT DUCT AND EXTEND DUCT PAY ITEMS.

**DUCT MARKER DETAILS**  
N.T.S.

**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**  
**CONSTRUCT SOUTH SERVICE ROAD  
 DUCT DETAILS**

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APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL. PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	40 OF 47 SHEETS

**QU016**

REVISIONS

NUMBER	BY	DATE

0 1 2  
 THIS BAR IS EQUAL TO 2"  
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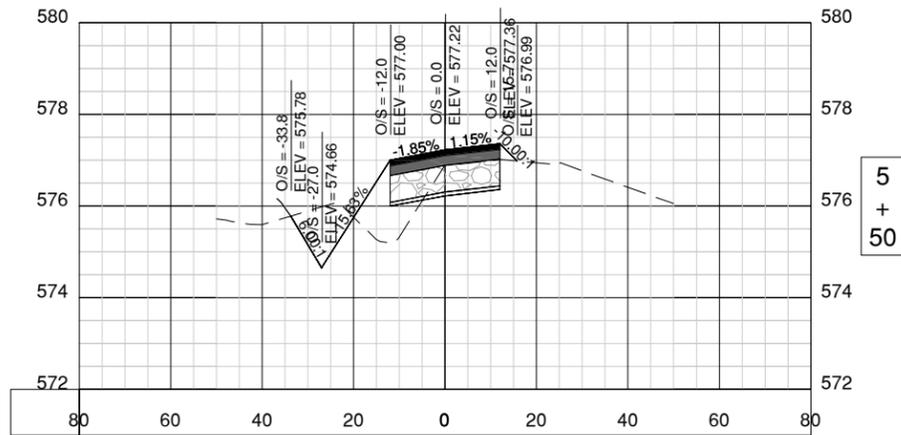
METROPOLITAN AIRPORT AUTHORITY  
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 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS

CONSTRUCT SOUTH SERVICE ROAD  
**CROSS SECTIONS - SOUTH SERVICE ROAD 1**

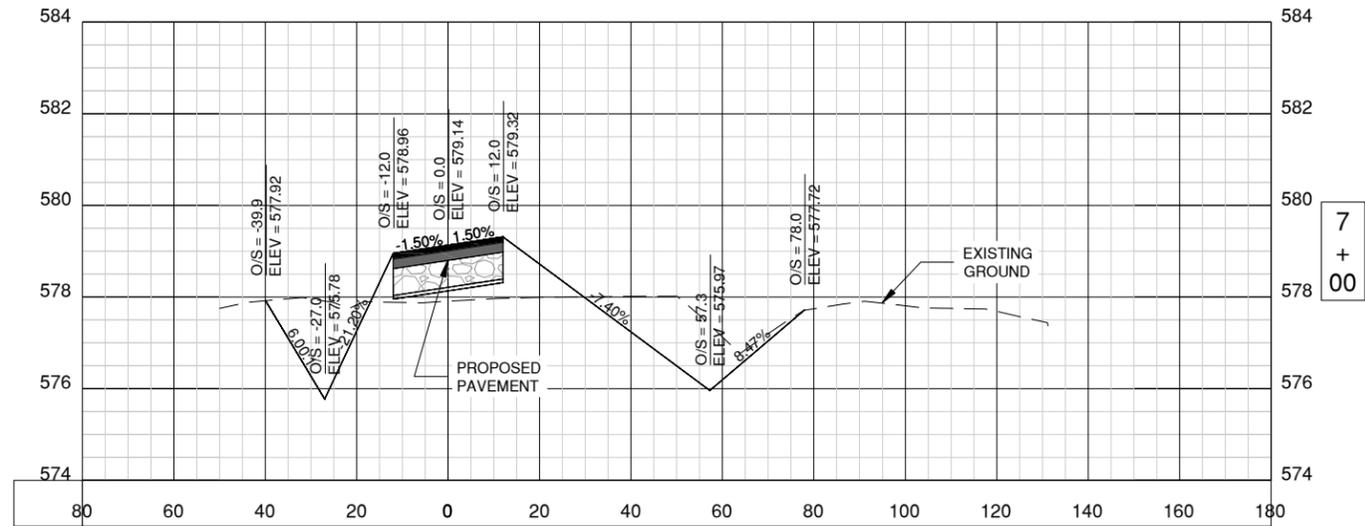
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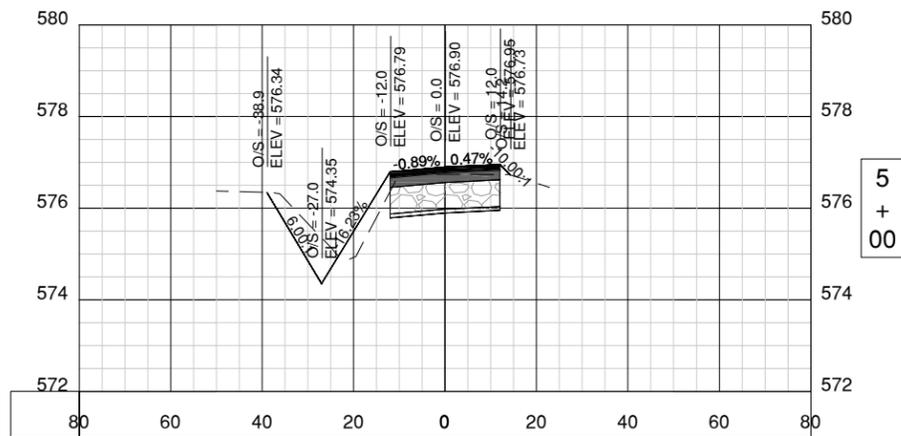
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APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
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AIP PROJ. NO.	3-17-0068-XX
SHEET	41 OF 47 SHEETS



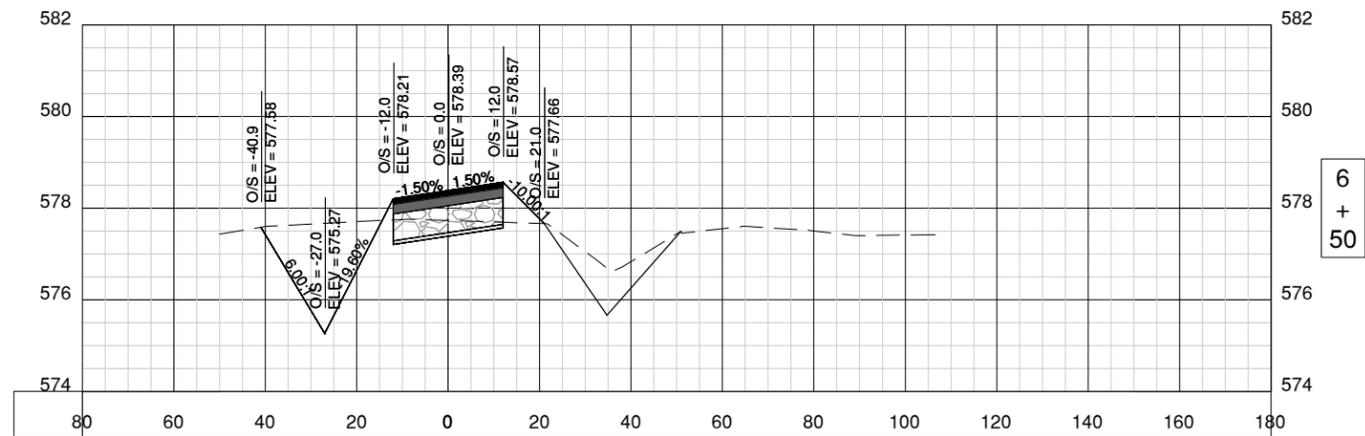
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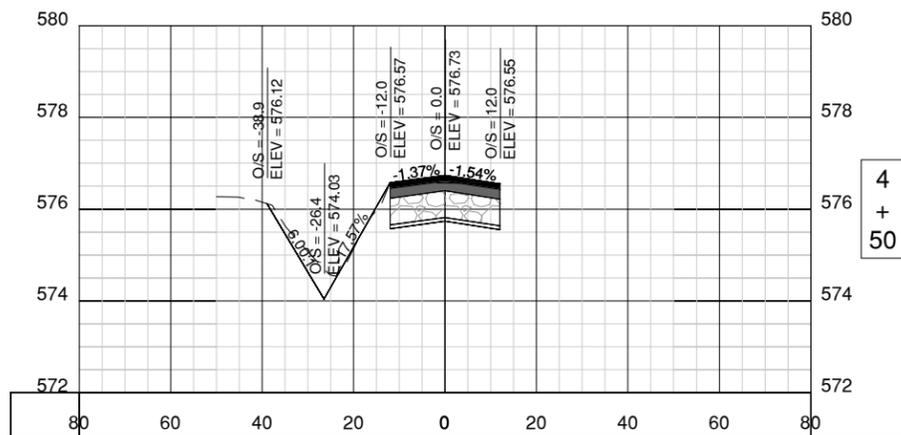
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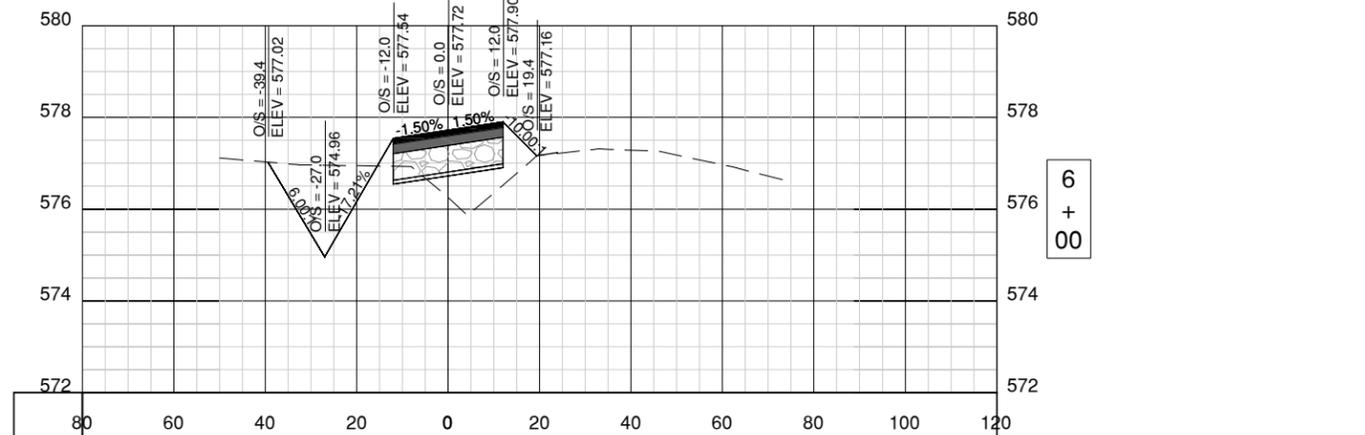
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**QU016**

REVISIONS		
NUMBER	BY	DATE

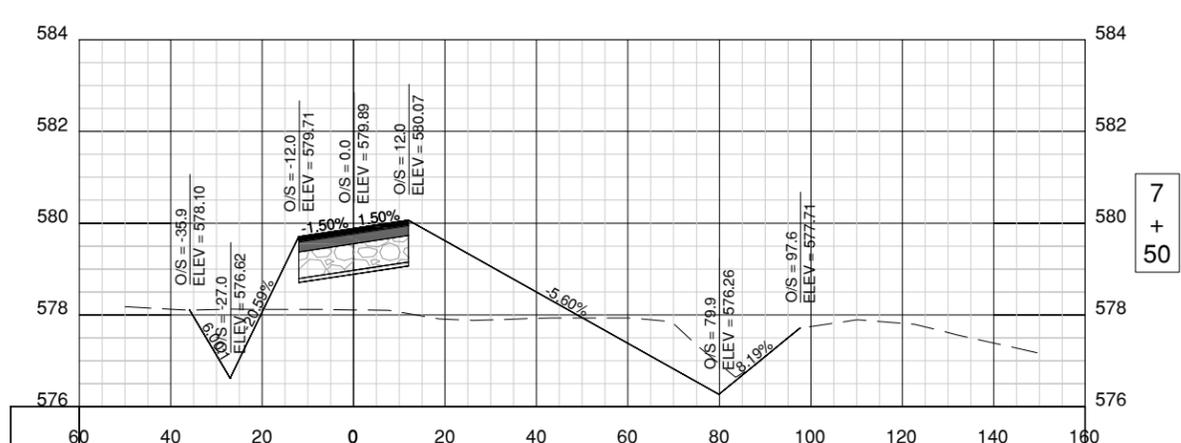
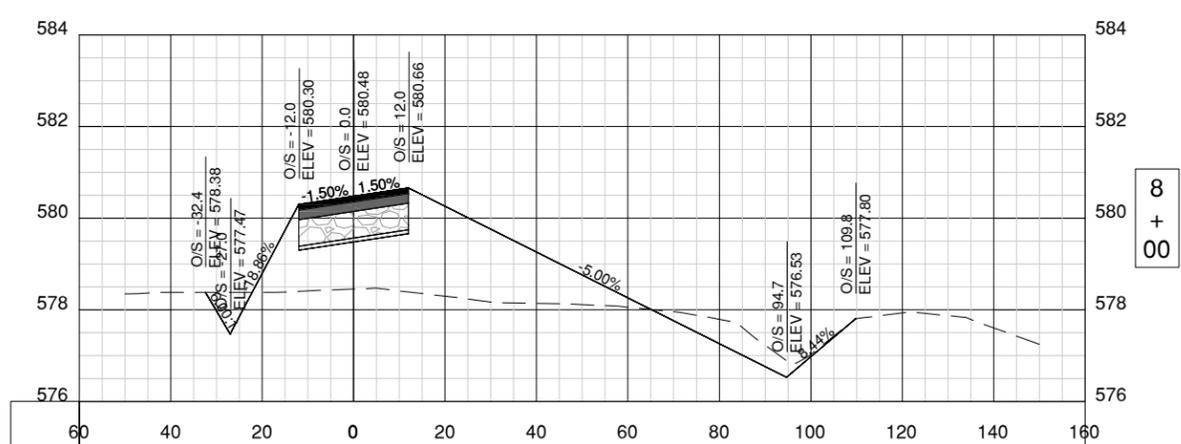
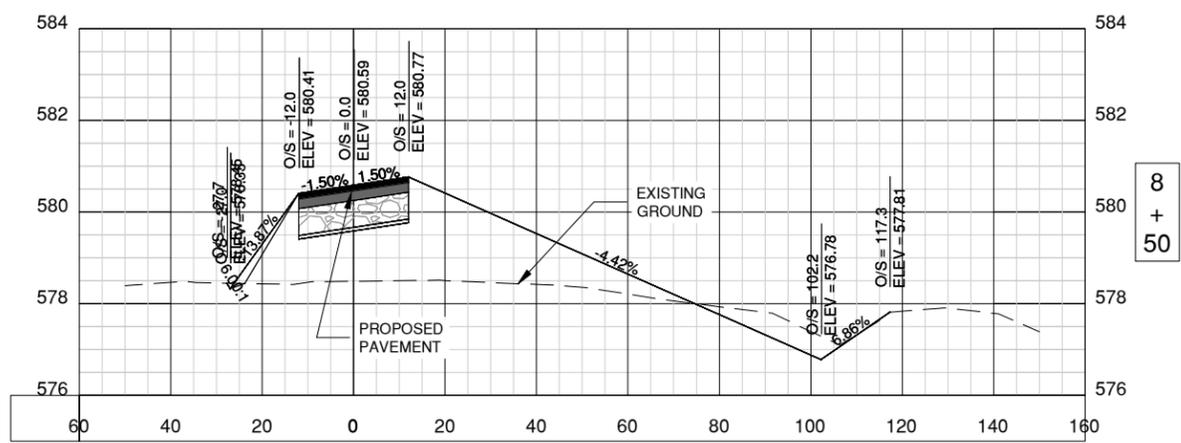
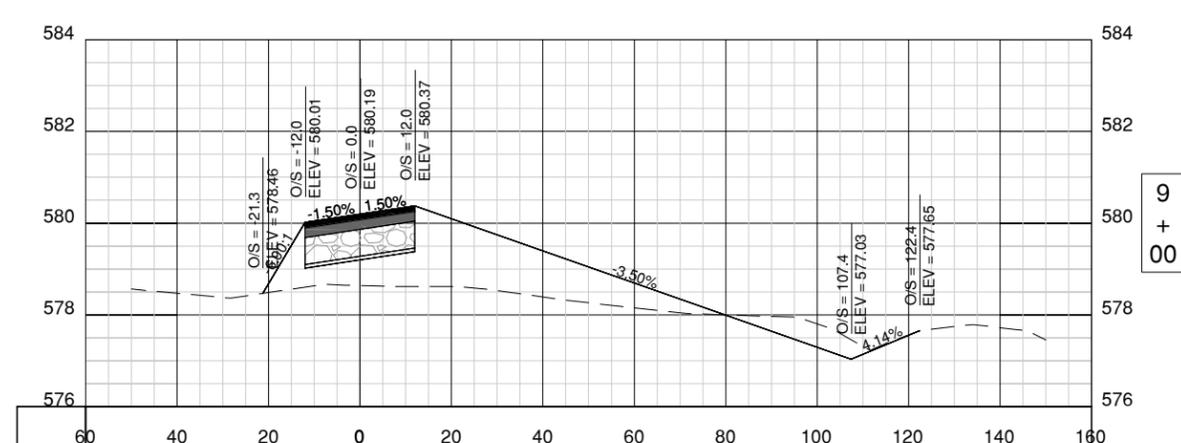
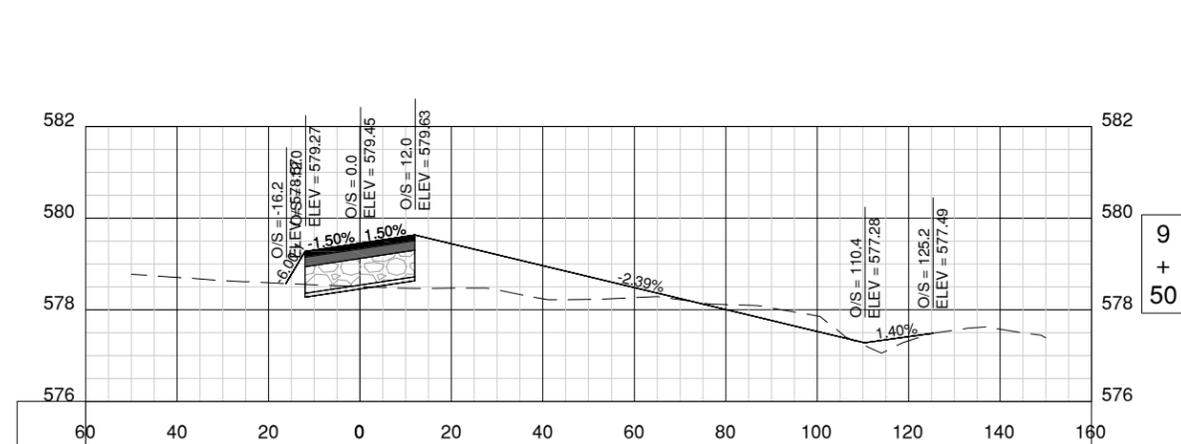
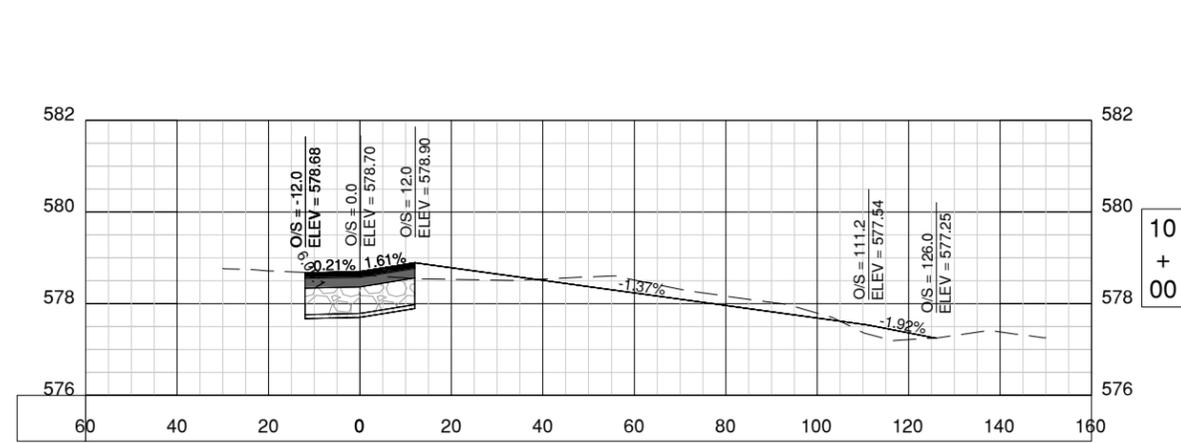
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 AT FULL SCALE (34x22).

**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**

**CONSTRUCT SOUTH SERVICE ROAD  
 CROSS SECTIONS - SOUTH SERVICE ROAD 2**



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JOB No:	12014-10
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AIP PROJ. NO.	3-17-0068-XX
SHEET	42 OF 47 SHEETS



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0 1 2  
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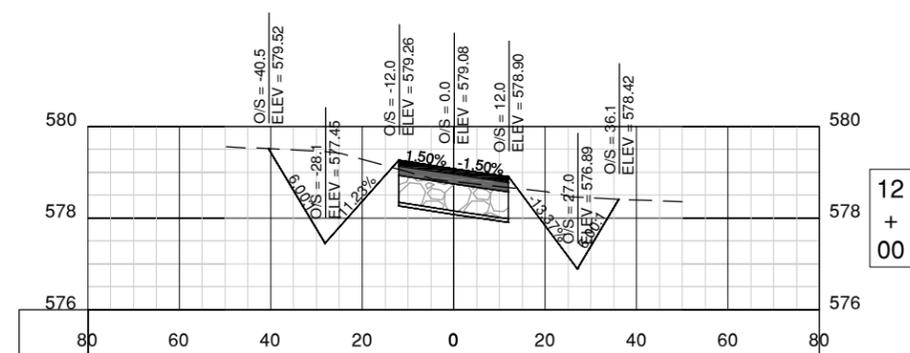
METROPOLITAN AIRPORT AUTHORITY  
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CONSTRUCT SOUTH SERVICE ROAD  
**CROSS SECTIONS - SOUTH SERVICE ROAD 3**

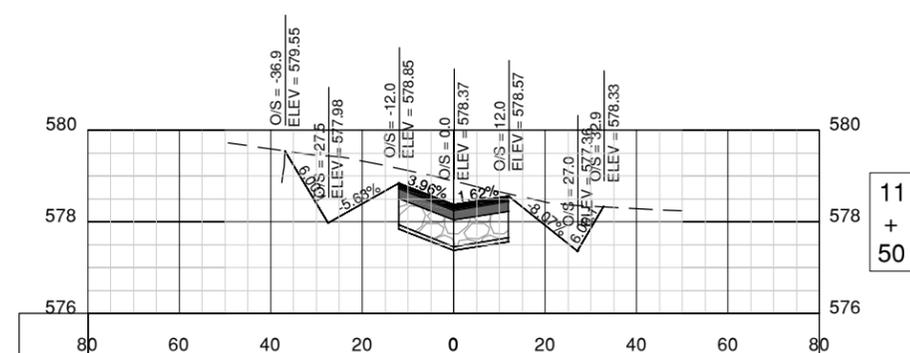
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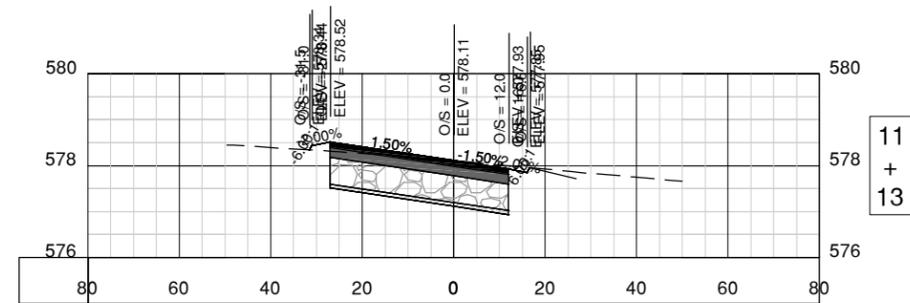
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CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
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IL. PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	43 OF 47 SHEETS



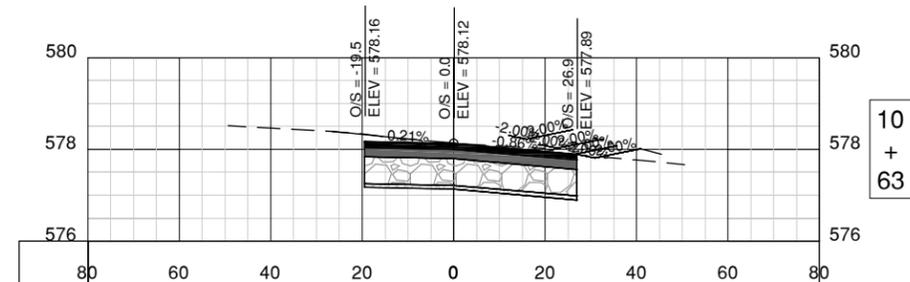
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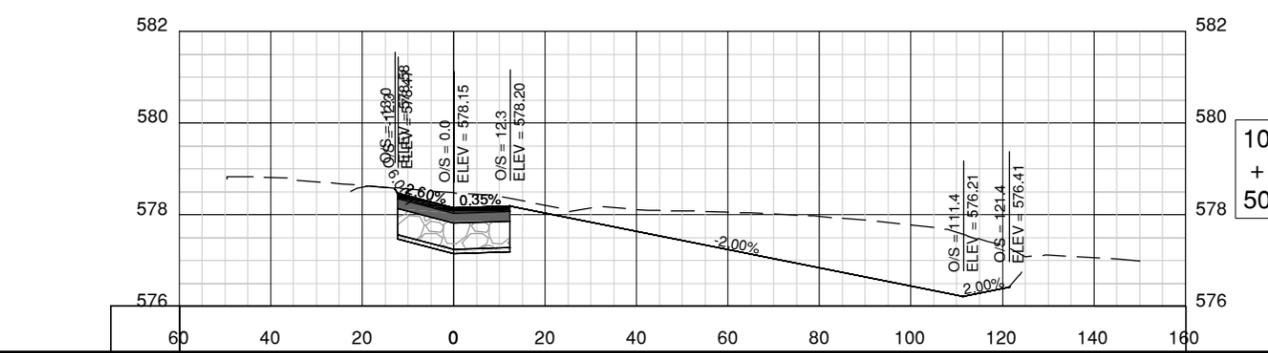
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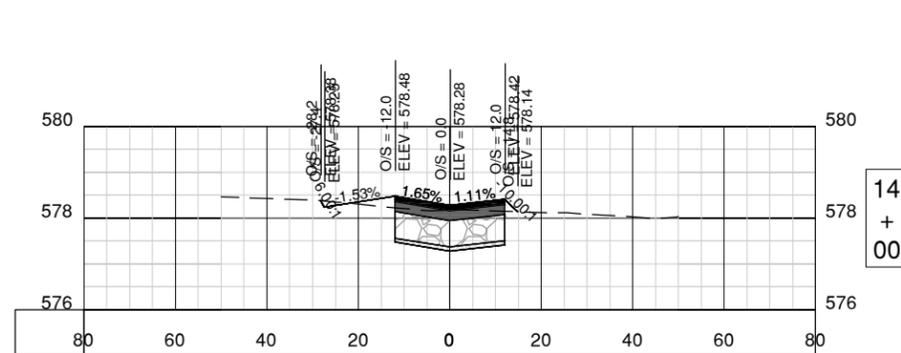
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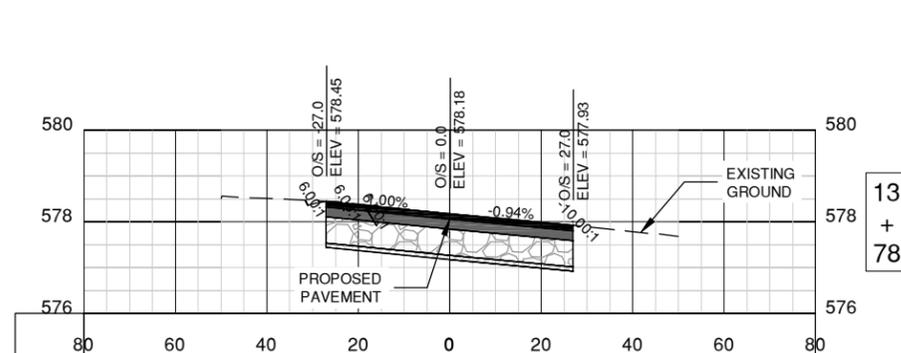
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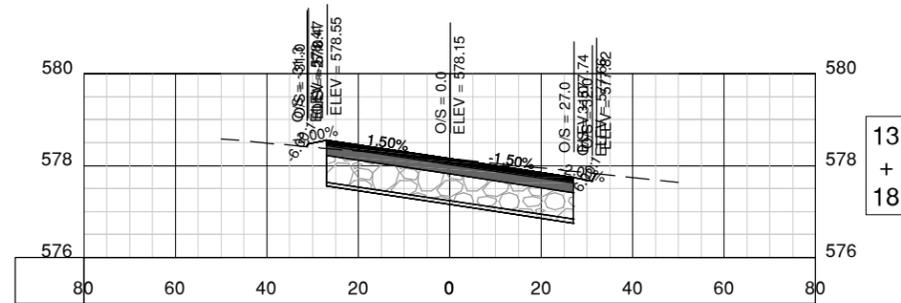
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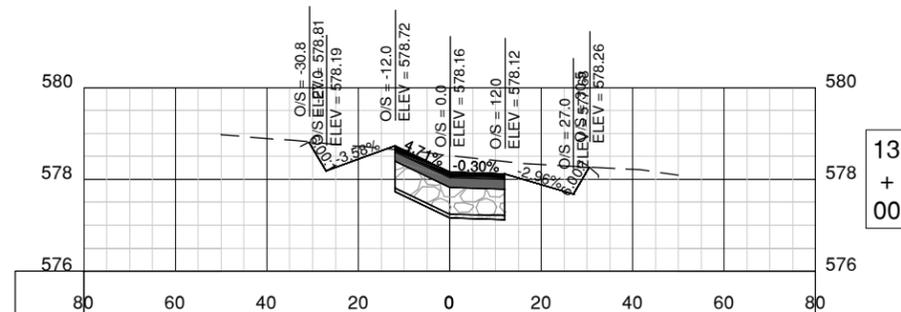
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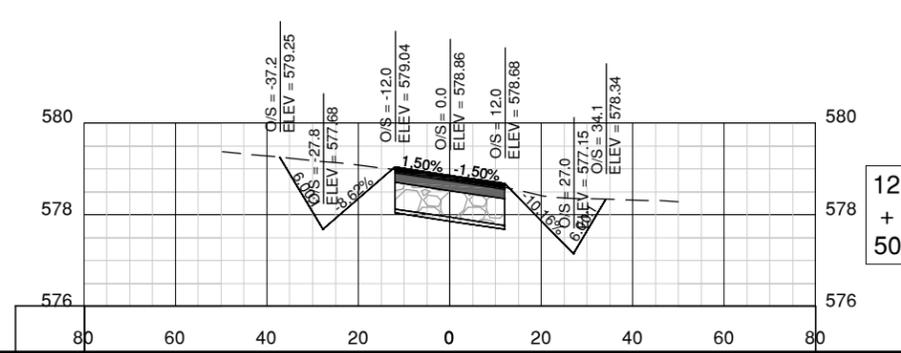
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**QU016**

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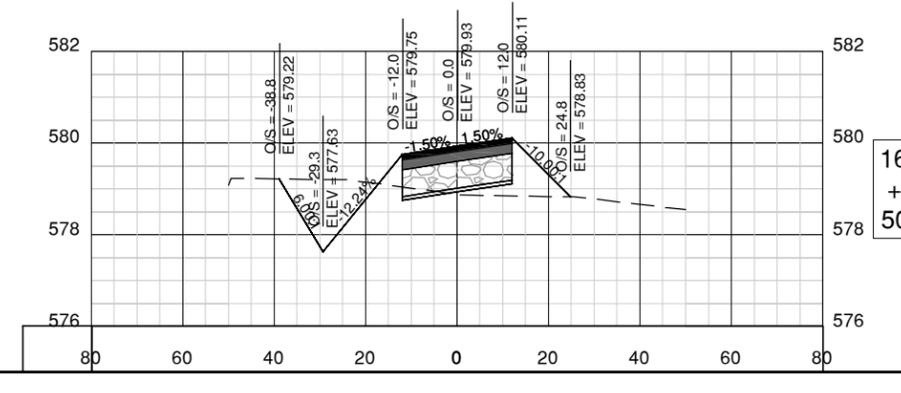
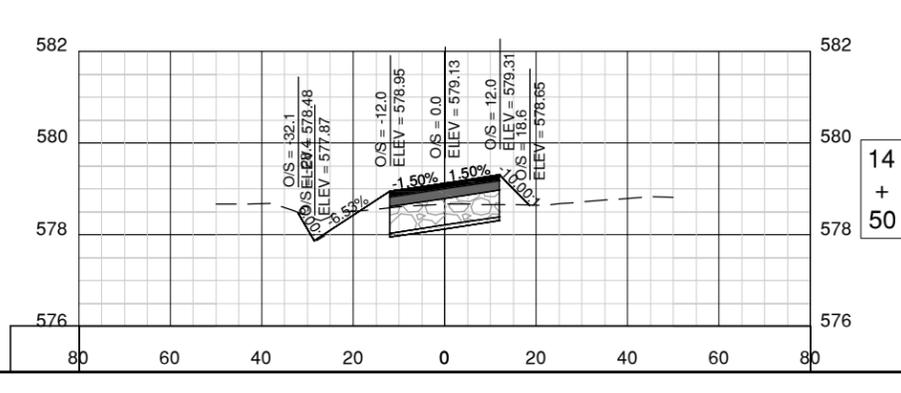
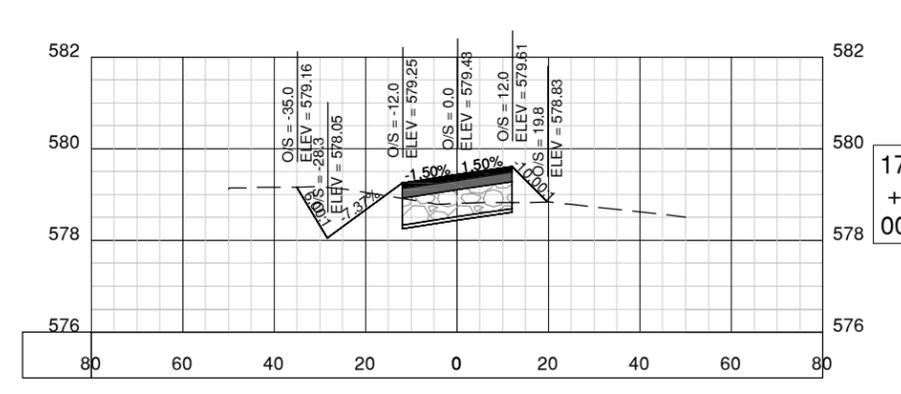
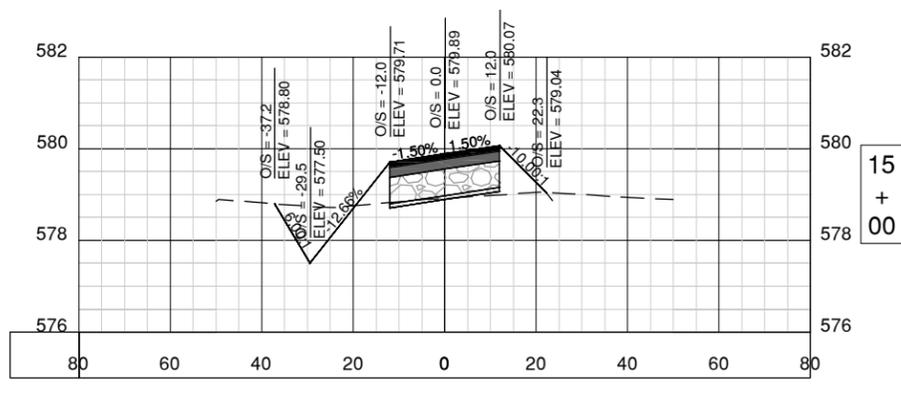
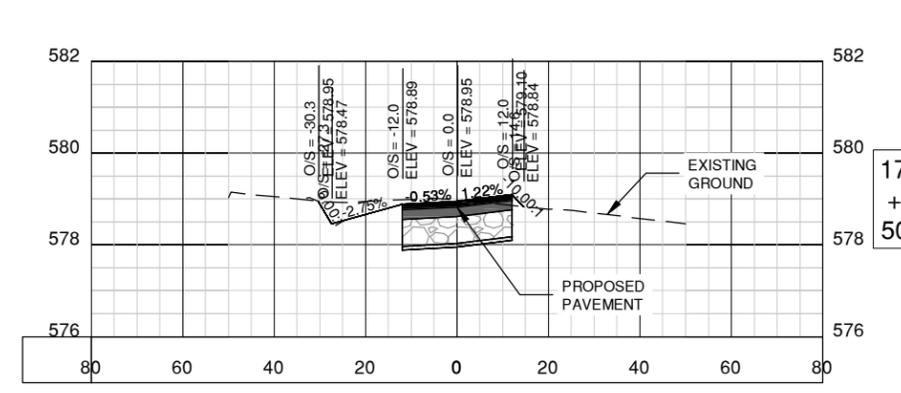
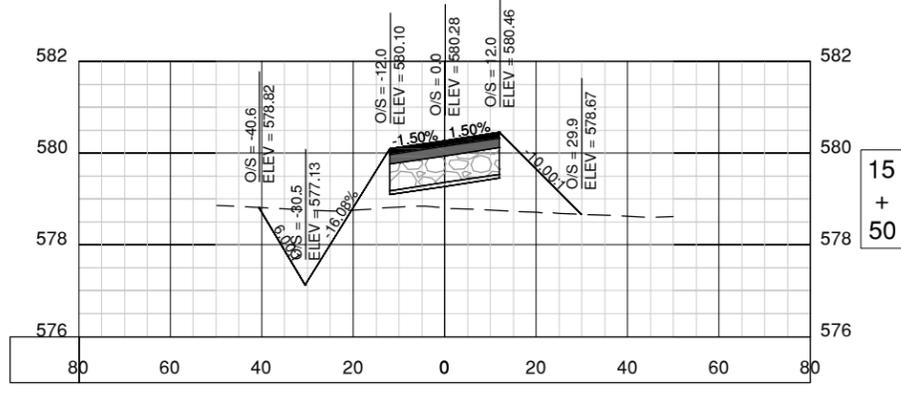
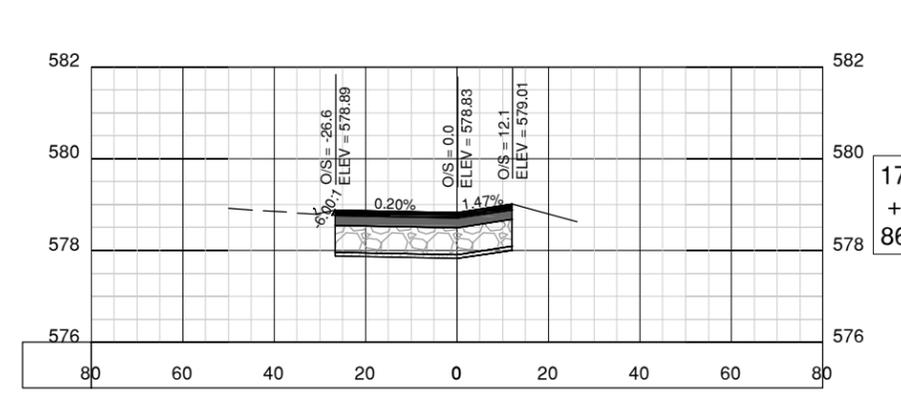
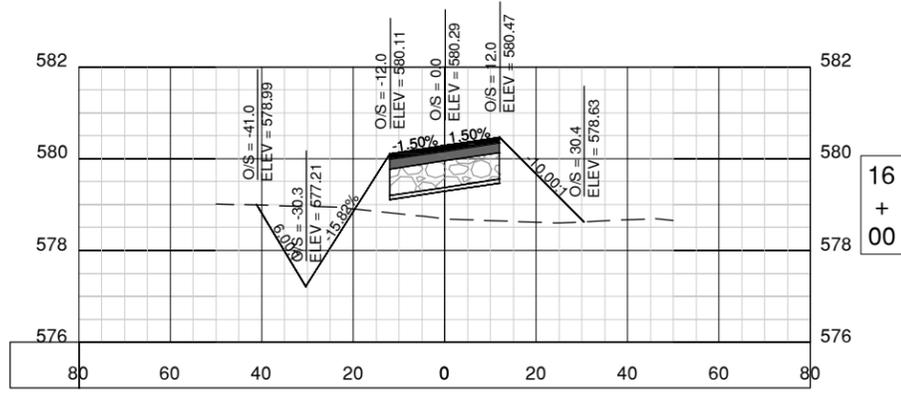
**METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**

**CONSTRUCT SOUTH SERVICE ROAD  
 CROSS SECTIONS - SOUTH SERVICE ROAD 4**



DESIGN BY:	AJH
DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	44 OF 47 SHEETS

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**QU016**

REVISIONS

NUMBER	BY	DATE

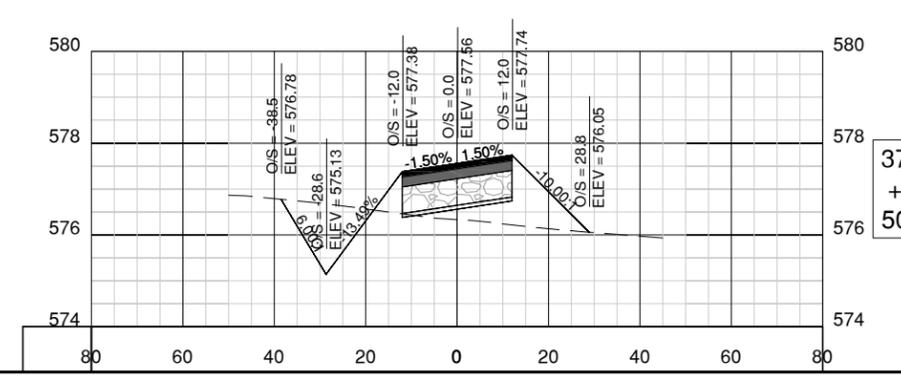
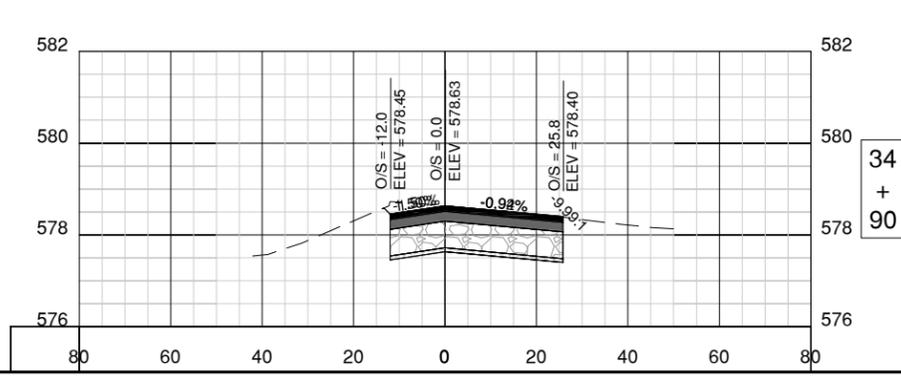
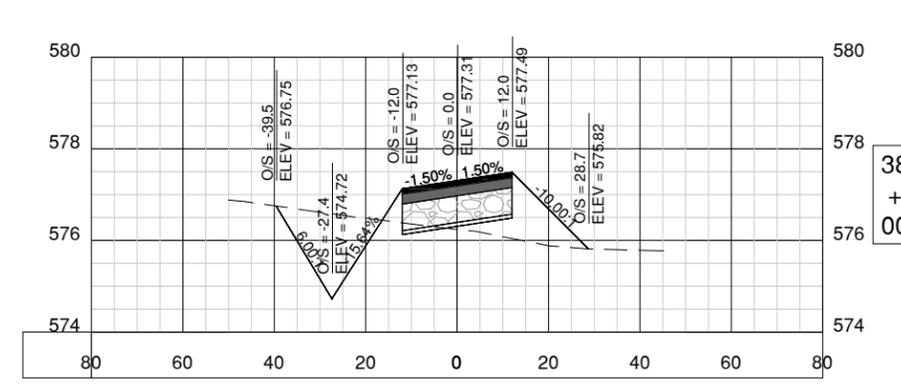
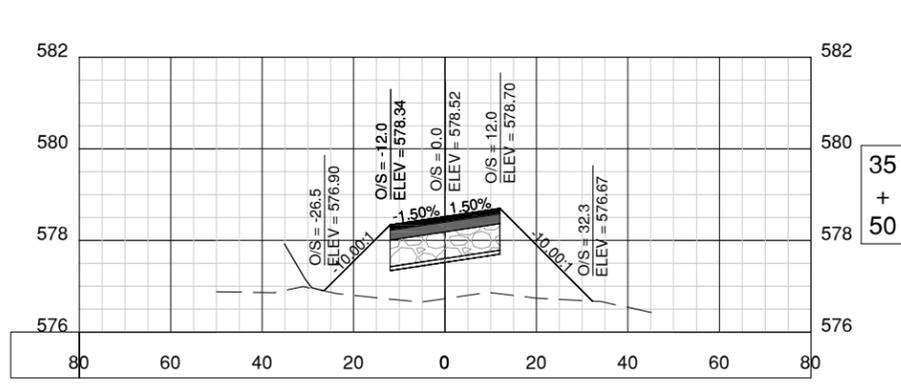
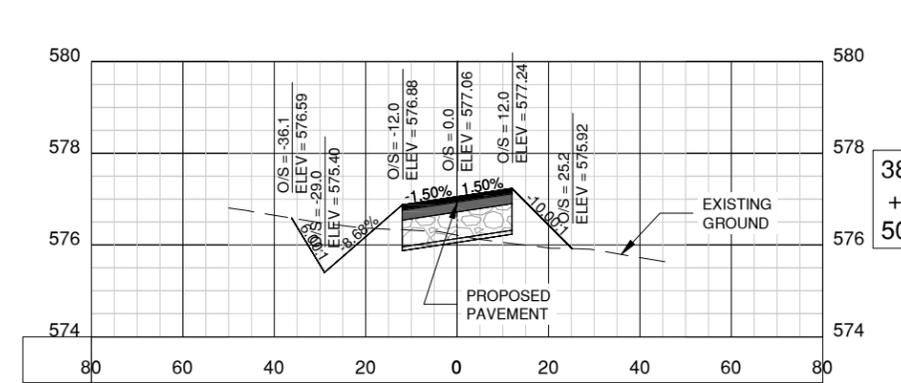
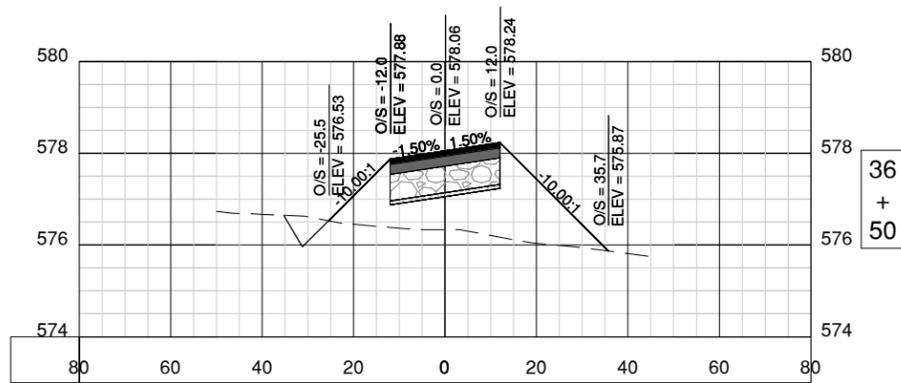
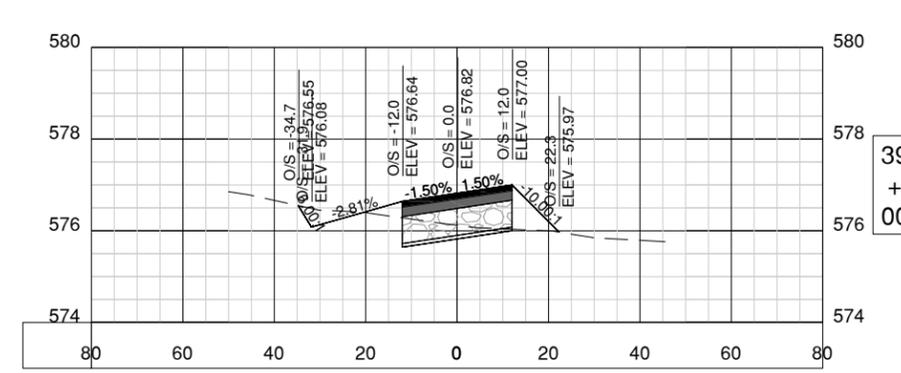
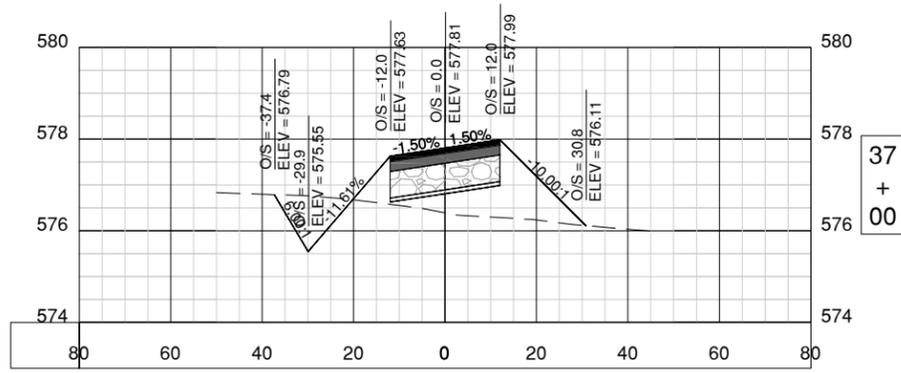
0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34x22).

METROPOLITAN AIRPORT AUTHORITY  
 OF ROCK ISLAND COUNTY  
 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS

CONSTRUCT SOUTH SERVICE ROAD  
**CROSS SECTIONS - SOUTH SERVICE ROAD 5**



DESIGN BY:	AJH
DRAWN BY:	CMT
CHECKED BY:	CBG
APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL. PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	45 OF 47 SHEETS



**QU016**

REVISIONS

NUMBER	BY	DATE

0 1 2  
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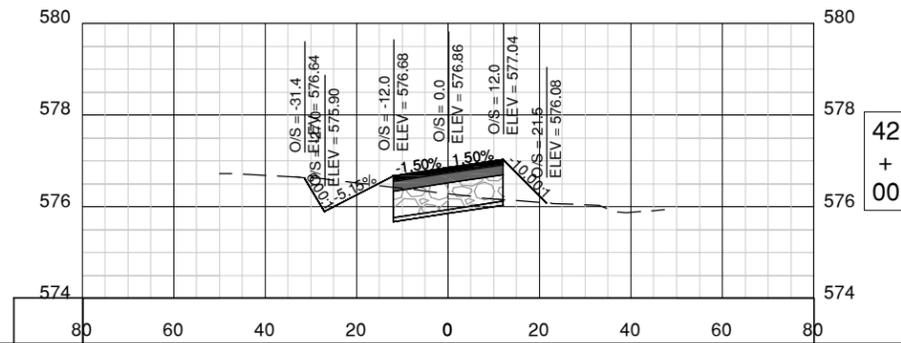
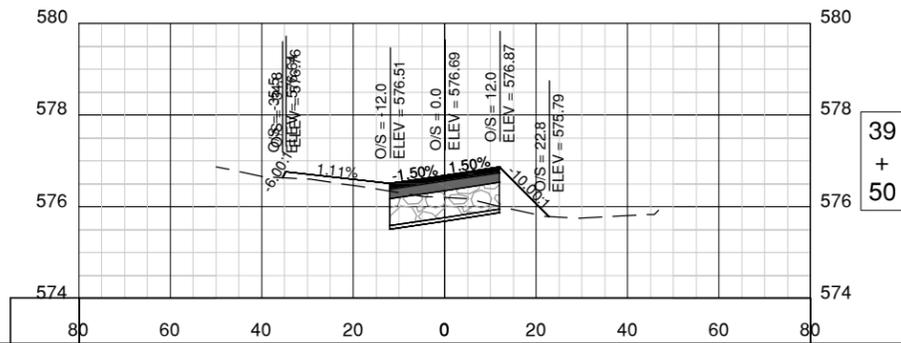
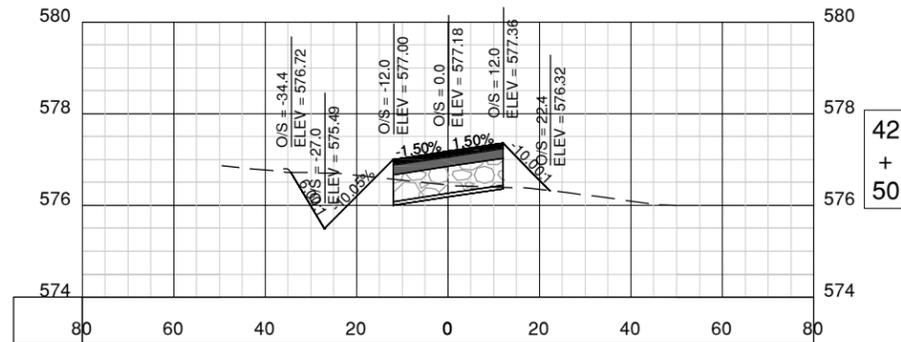
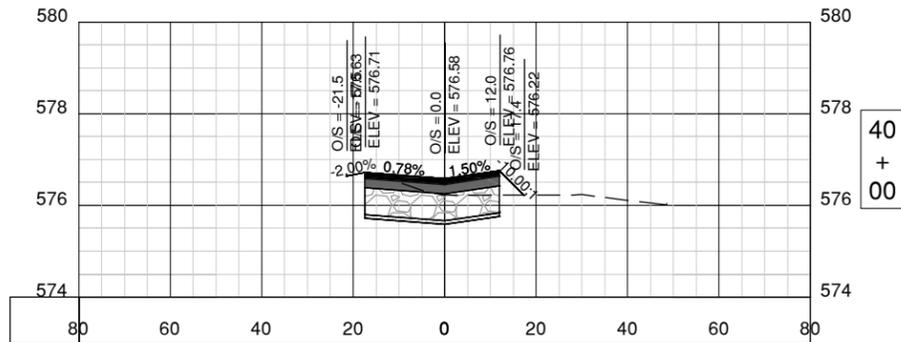
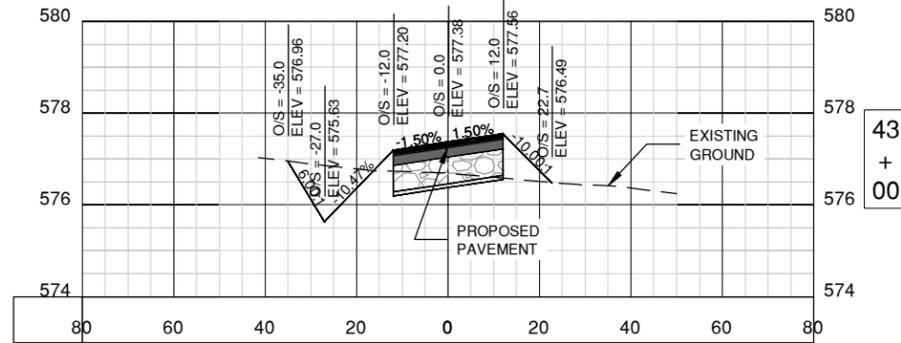
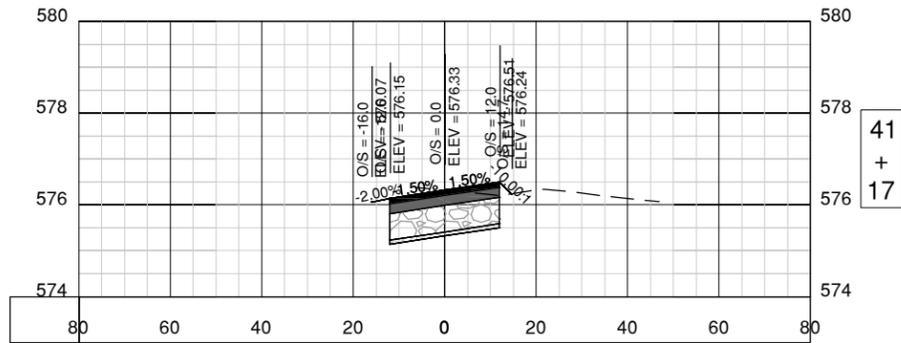
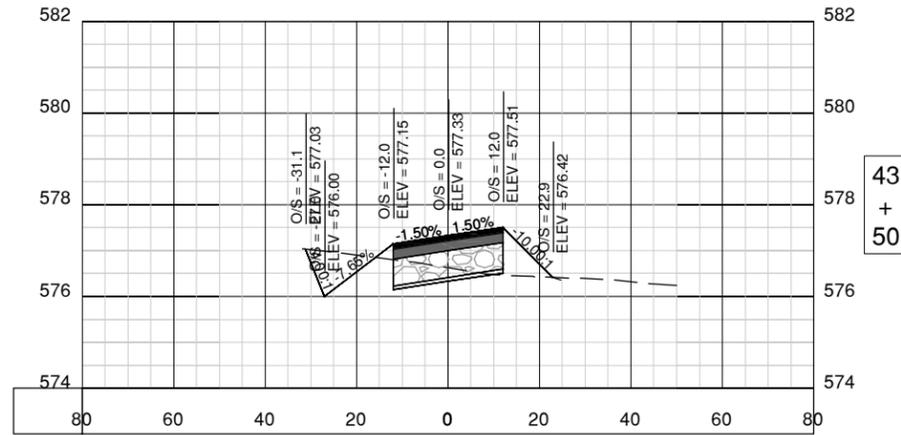
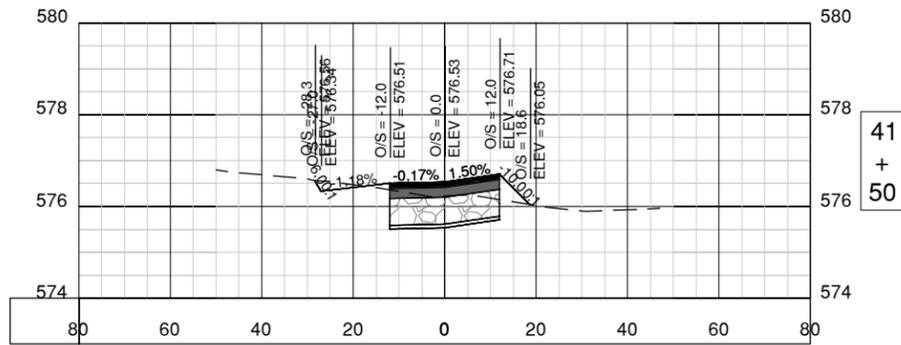
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 QUAD CITY INTERNATIONAL AIRPORT  
 MOLINE, ILLINOIS**

**CONSTRUCT SOUTH SERVICE ROAD  
 CROSS SECTIONS - SOUTH SERVICE ROAD 6**

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APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	46 OF 47 SHEETS



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NUMBER	BY	DATE

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CONSTRUCT SOUTH SERVICE ROAD  
**CROSS SECTIONS - SOUTH SERVICE ROAD 7**

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APPROVED BY:	CET
DATE:	APRIL 19, 2013
JOB No:	12014-10
IL PROJ. NO.	MLI-4263
AIP PROJ. NO.	3-17-0068-XX
SHEET	47 OF 47 SHEETS

