QUAD CITY INTERNATIONAL AIRPORT
RUNWAY 5 EXTENSION – EARTHWORK
ILL. MLI–3496, QU095
SHEET 8 OF 49

FUTURE RSA
5" TILE
8" TILE
FUTURE T–D
FUTURE T–K
EXTG. RSA
FUTURE RUNWAY END, STA. 10+40, EL. 578.57'
FUTURE EDGE OF PVMT.
12" W
RUNWAY 5 EXTENDED CENTERLINE
RP STA. 12+15, LT. 178'
100' R
RP STA. 14+86.31, LT. 145'
70' R
PROPOSED CONSTRUCTION, SEEDING, AND GRADING LIMITS
600'
10'
STA. 12+25, LT. 75'
FUTURE 500' EXTENSION
75'
150'
STA. 10+77.50, RNWY 5= STA. 107+41.88, TXWY D= STA. 207+16.88, TXWY K, TOP OF SURCHARGE EL. = 583.17'
STA. 12+25, RT. 75'
FAA CABLES
EXTG. FAA CABLES NOT TO BE DISTURBED, DELETE SOIL RMVL & RPLMT WITHIN 2' OF CABLES
RP STA. 14+86.49, RT. 145'
RP STA. 12+15, RT. 178'
FUTURE TXWY. D CENTERLINE
RUNWAY 5–23
END OF EXTG. PAVEMENT STA. 15+40, EL. 577.20'
EXTG. RNWY. END MARKER, STA. 15+56.27 RT. 0.04', EL. 577.64'
STA. 15+55 TO STA. 20+55, PROPOSED 500' TEMPORARY RELOCATED THRESHOLD, SEE SHT 13 FOR DETAILS
10" UN
EXTG. TXWY. K CENTERLINE
N
SCALE FEET
HORZ 0 40
SCALE FEET
VERT 0 4

LEGEND:

- EDGE LIGHT
- GUIDANCE SIGN
- ELECTRICAL CABLE
- STORM SEWER, TILE, OR UNDERDRAIN
- INLET
- OUTLET
- STORM MANHOLE
- SANITARY MANHOLE
- DRAINAGE DITCH
- CONDUIT OR DUCT BANK

UNCOMPACTED SANDY OR CLAY FILL MATERIALS
COMPACTED SANDY BORROW FILL MATERIALS
REMOVE EXTG. CLAY SOILS AND INSTALL COMPACTED SANDY BORROW MATERIALS

EXTG. PART 77 20:1 APPROACH SURFACE
PROPOSED PROFILE ON TOP OF EMBANKMENT SURCHARGE ALONG RUNWAY 5 EXTENDED CENTERLINE
PROP. PART 77 20:1 APPROACH SURFACE FOR PROP. 500' TEMPORARY RELOCATED THRESHOLD
STA. 10+40, EL. 583.17'
6' UNCOMPACTED FILL
0.016%
STA. 14+30.49, EL. 583.23'
STA. 14+40, EL. 581.33'
EXTG. BIT. PAVEMENT
FUTURE END OF RNWY, STA. 10+40, EL. 578.57
19.3%
-20%
-5%
EXISTING GRADE LINE ALONG RUNWAY 5 EXTENDED CENTERLINE
MEET EXTG.. GROUND STA. 10+10, EL. 577.38'
2.6'
1.18' COMPACTED SANDY BORROW FILL
MEET EXTG. GROUND, STA. 15+25, EL. 577.08'
EXTG. AGGR. BSE. CRSE.
FUTURE PAVEMENT PROFILE ALONG RUNWAY 5 EXTENDED CENTERLINE

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