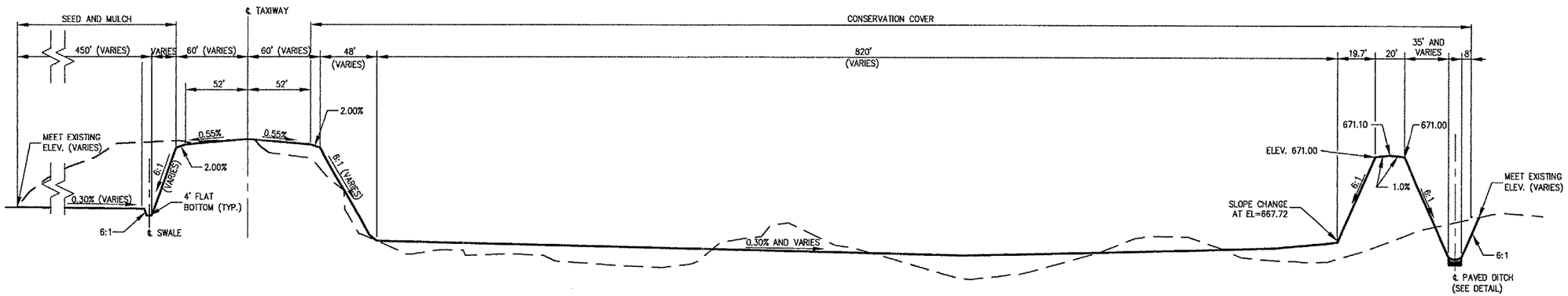
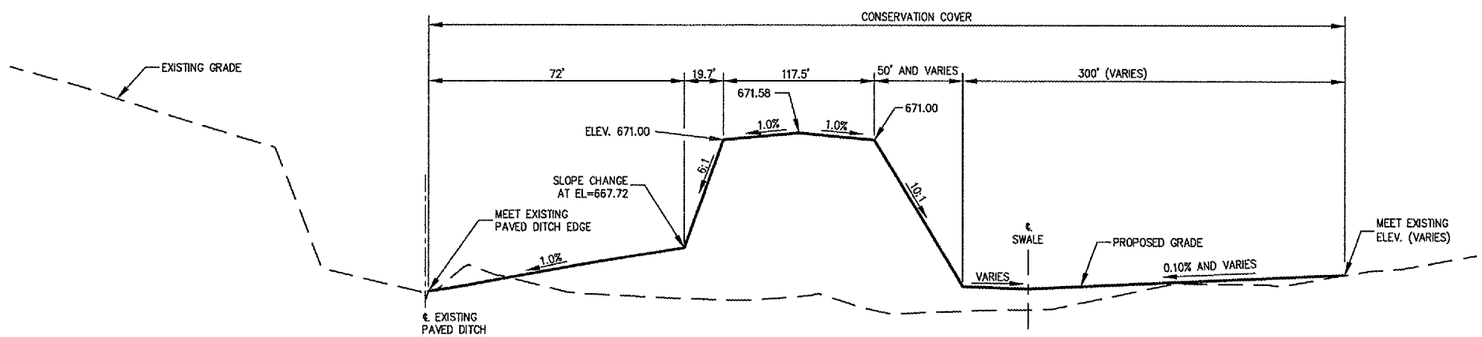
LE036



TYPICAL SECTION - DETENTION BASIN

(SECTION SHOWN LOOKING EAST)



TYPICAL SECTION - DETENTION BASIN

(SECTION SHOWN LOOKING NORTH)

NOTES

① FUTURE PAVEMENT AREAS:
ONLY SUITABLE FILL MATERIAL MAY BE PLACED WITHIN 5' OF FUTURE PAVEMENT AREAS, SEE PLANS FOR LOCATION OF THESE AREAS.

② BALANCING OF THE EARTHWORK IS BASED UPON THE FOLLOWING USE OF TOPSOIL:
CUT AREAS – 4" OF TOPSOIL TO BE PLACED.
FILL AREAS – DETENTION BASIN BERMS SHALL BE CONSTRUCTED OF TOPSOIL FROM CUT AREAS AND FROM TOPSOIL FROM TAXIWAY E AND GA APRON CONSTRUCTION.

③ TOPSOIL REMOVAL (INCLUDED IN ITEM AR152410)

④ PROPOSED PREPARED SUBGRADE:
CUT AREAS– REMOVE TOPSOIL TO FINISHED SUBGRADE ELEV., ADDITIONAL UNDERCUT BELOW FINISHED SUBGRADE IN AREAS SHOWN ON PLANS AND/OR AS DETERMINED BY ROLL TEST (SEE UNDERCUT DETAIL)*
FILL AREAS– REMOVE TOPSOIL, ADDITIONAL UNDERCUT IN AREAS SHOWN ON PLANS AND/OR AS DETERMINED BY ROLL TEST (SEE UNDERCUT DETAIL)*

* ALL TOPSOIL TO BE REMOVED WITHIN 5' OF PROPOSED PAVEMENT AREAS AND UNDER FUTURE HANGAR SITES (QUANTITY INCLUDED IN ITEM AR152410). NO TOPSOIL OR UNSUITABLE TO BE PLACED UNDER THE PAVEMENT SECTION WITHIN 5' OF PAVEMENT EDGES, SEE UNDERCUT PLAN.

HANSON

HANSON PROFESSIONAL SERVICES INC.

815 Commerce Drive, Suite 200
Oak Brook, Illinois 60523
Telephone: 630.990.3800
Fax: 630.990.3801

Chicago-Romeoville Airport

JOLIET REGIONAL PORT DISTRICT

1 Hangar Road
Romeoville, Illinois 60446
Telephone: 815.838.9497
Fax: 815.838.9524

SOUTHWEST CORPORATE AREA, GRADING AND DRAINAGE, PHASE 1

AIP PROJECT NO. 3-17-0140-B39
IDA PROJECT NO. LOT-3498

No.	Drawing Issue Description	Date	By

Date
MAY 6, 2005

Sheet Title
TYPICAL SECTIONS - DETENTION BASIN

840--04D8042
Project Number

SJM 04/20/05
Layout By Date

SJM 04/20/05
Designed By Date

RMH/TMM 04/22/05
Reviewed By Date

SJM
Drawn By

5
Sheet No.

I:\04JOBS\02840\04E8042\DRAWINGS\SHEETS\05 - TYP SECTIONS-LDWG MAY 13, 2005 1:12PM TMM