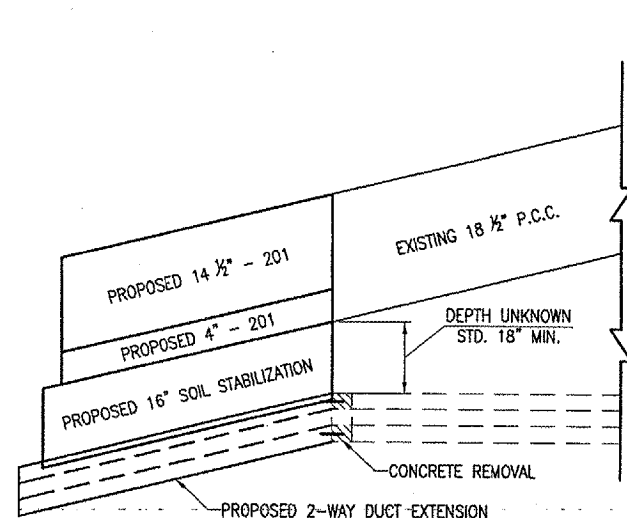
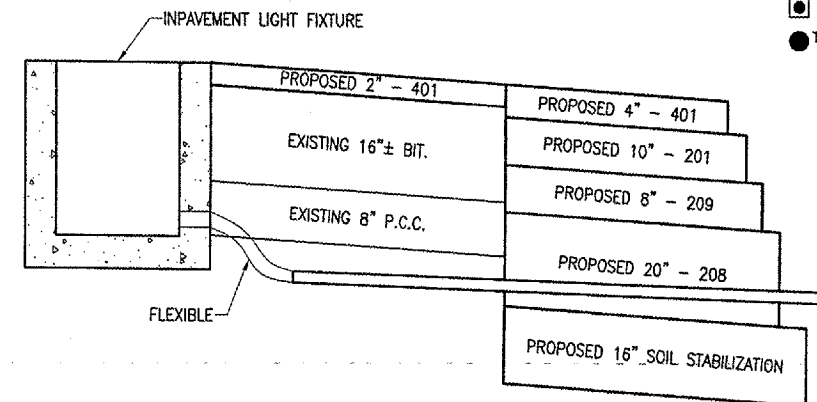


2-WAY DUCT EXTENSION - FLEXIBLE PAVEMENT WIDENING  
"NOT TO SCALE"



2-WAY DUCT EXTENSION - RIGID PAVEMENT WIDENING  
"NOT TO SCALE"



INPAVEMENT FIXTURE - DUCT  
"NOT TO SCALE"

LEGEND

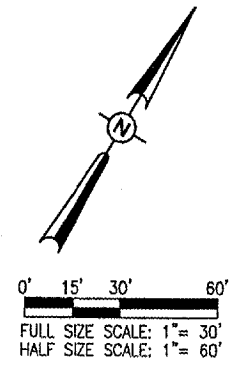
- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- PROPOSED LIGHTING CABLES
- PROPOSED BASE MOUNTED TAXIWAY LIGHT
- PROPOSED STAKE MOUNTED TAXIWAY LIGHT
- TS-X

NOTES

1. THE CONCRETE ENCASEMENT SHALL BE CUT BACK A SUFFICIENT DISTANCE, MINIMUM 4", TO PLACE A COLLAR ON THE EXISTING DONDUIT TO CONNECT THE PROPOSED DUCT.
2. NEW REBAR SHALL BE DRILLED INTO THE EXISTING CONCRETE ENCASEMENT PER THE ELECTRICAL STANDARD SHEET.
3. THE PROPOSED 2-WAY DUCT EXTENSION SHOULD BE PLACED BENEATH THE SOIL STABILIZATION DEPTH IF POSSIBLE.
4. PROVIDING THE SOIL STABILIZATION IS COMPLETED PRIOR TO THE 2-WAY DUCT EXTENSION WORK, THE EXCAVATED AREA FOR THE DUCT WILL BE BACKFILLED WITH CRUSHED AGGREGATE BASE COURSE PER SPECIFICATION AR209510. THE BACKFILL WILL EXTEND TO THE TOP OF THE SUBGRADE.

NOTE

THE EXISTING PAVEMENT WILL BE TRENCHED FROM THE INPAVEMENT LIGHT TO THE EXISTING EDGE OF PAVEMENT. THE 3" RIGID STEEL CONDUIT WILL BE BURIED AT A MINIMUM DEPTH OF 32" BELOW THE PROPOSED SURFACE THROUGH THE PROPOSED PAVEMENT AREA. THE 20" CA-2 AGGREGATE WILL BE PLACED PRIOR TO INSTALLATION OF THE DUCT THROUGH THE PROPOSED PAVEMENT AREA. A TRENCH WILL BE CUT INTO THE AGGREGATE TO PLACE THE CONDUIT. THE TRENCHES WILL BE BACKFILLED WITH 610 STRUCTURAL CONCRETE. THE 610 CONCRETE BACKFILL IS PART OF THE WORK ITEM. AS AN ALTERNATE TO THE DESCRIBED 3" RIGID STEEL CONDUIT WORK ITEM, A 3" DIRECT BORE PER ITEM AR110 METHOD IS ACCEPTABLE. THE ALTERNATE METHOD WILL BE PAID AS THE PLAN QUANTITY OF 3" RIGID STEEL CONDUIT.



DATE	REVISION	BY

DECATUR AIRPORT  
DECATUR, ILLINOIS  
A.I.P. PROJ.: 3-17-0033-28  
IL PROJ.: DEC-3414

REL Project No. 802-04TXD	CCC	03/17/05
File Name R-142ELE.DWG	CCC	03/17/05
Scale 1" = 30'	WJM	06/07/05
Date 03/17/05		
LAYOUT		
DRAWN		
REVIEWED		

**HANSON**  
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TAXIWAY G WIDENING  
PHASE II  
PROPOSED  
ELECTRICAL PLAN  
STA. 372+00 TO STA. 380+00

JUN 20, 2005 1:24 PM CCC  
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