

REMOVE AND REPLACE BITUMINOUS PAVEMENT

IN ORDER TO REMOVE AND/OR INSTALL ELECTRICAL DUCTS THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE SOME BITUMINOUS PAVEMENT. THE AREAS DESIGNATED FOR REMOVAL AND REPLACEMENT ARE SHOWN ON SHEET NO. 5.

WHERE THE PROPOSED REMOVAL AND REPLACEMENT AREA ABUTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED FULL DEPTH. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PAVEMENT REMOVAL AND REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ANY ADJACENT PAVEMENT DAMAGED BY THE PAVEMENT REMOVAL AND REPLACEMENT OPERATION WILL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

ONCE THE EXISTING ELECTRICAL DUCT HAS BEEN REMOVED AND/OR THE PROPOSED ELECTRICAL DUCT INSTALLED, THE CONTRACTOR WILL BACKFILL THE TRENCH FROM THE TOP OF THE ELECTRICAL DUCT TO THE BOTTOM OF THE PAVEMENT SUBBASE WITH CA-14 OR CA-16. THE CA-14/CA-16 WILL BE CONSOLIDATED TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE CONTRACTOR WILL THEN REPLACE THE AGGREGATE BASE COURSE (CA-6) COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER. ONCE THE AGGREGATE BASE HAS BEEN PROPERLY INSTALLED THE CONTRACTOR WILL SPRAY THE TOP OF THE AGGREGATE BASE AND THE SIDES OF THE BITUMINOUS PAVEMENT WITH A BITUMINOUS TACK COAT. HE THEN WILL REPLACE THE BITUMINOUS PAVEMENT USING 401 - BITUMINOUS SURFACE COURSE MATERIAL. THE BITUMINOUS PAVEMENT WILL BE INSTALLED IN 3" MAXIMUM LIFTS. EACH LIFT WILL BE COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

FURNISHING AND INSTALLING THE CA-14/CA-16, CA-6 AND BITUMINOUS PAVEMENT WILL BE CONSIDERED AS PART OF THIS ITEM OF WORK AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THIS ITEM OF WORK WILL BE PAID FOR UNDER ITEM:
AR401910 REMOVE & REPLACE BIT. PAVEMENT -- PER S.Y.

REMOVE AND REPLACE PCC PAVEMENT

IN ORDER TO REMOVE AND/OR INSTALL ELECTRICAL DUCTS THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE SOME CONCRETE SIDEWALKS. THE AREAS DESIGNATED FOR REMOVAL AND REPLACEMENT ARE SHOWN ON SHEET NO. 5.

WHERE THE PROPOSED REMOVAL AND REPLACEMENT AREA ABUTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED FULL DEPTH. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PAVEMENT REMOVAL AND REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ANY ADJACENT PAVEMENT DAMAGED BY THE PAVEMENT REMOVAL AND REPLACEMENT OPERATION WILL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

ONCE THE EXISTING ELECTRICAL DUCT HAS BEEN REMOVED AND/OR THE PROPOSED ELECTRICAL DUCT INSTALLED, THE CONTRACTOR WILL BACKFILL THE TRENCH FROM THE TOP OF THE ELECTRICAL DUCT TO THE BOTTOM OF THE PAVEMENT TO BE REPLACED WITH CA-14 OR CA-16. THE CONTRACTOR WILL THEN REPLACE THE CONCRETE PAVEMENT TO THE DEPTHS OF THE EXISTING PAVEMENT REMOVED.

THE CONTRACTOR WILL USE 610 STRUCTURAL PORTLAND CEMENT CONCRETE.

THE CONTRACTOR WILL FINISH THE CONCRETE WITH A SMOOTH BROOMED FINISH.

FURNISHING AND INSTALLING THE CA-14/CA-16 AND THE 610 CONCRETE PAVEMENT WILL BE CONSIDERED AS PART OF THIS ITEM OF WORK AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THIS ITEM OF WORK WILL BE PAID FOR UNDER ITEM:
AR501910 REMOVE & REPLACE PCC PAVEMENT -- PER S.Y.

REMOVE COMBINATION CURB AND GUTTER

IN ORDER TO REMOVE AND/OR INSTALL ELECTRICAL DUCTS THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE SOME CONCRETE CURBS AND GUTTERS. THE AREAS DESIGNATED FOR REMOVAL AND REPLACEMENT ARE SHOWN ON SHEET NO. 5.

WHERE THE PROPOSED REMOVAL AND REPLACEMENT AREA ABUTS THE EXISTING CURB AND GUTTER, THE CURB AND GUTTER WILL BE SAWED FULL DEPTH. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CURB AND GUTTER REMOVAL AND REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ANY ADJACENT PAVEMENT DAMAGED BY THE CURB AND GUTTER REMOVAL AND REPLACEMENT OPERATION WILL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

ONCE THE EXISTING ELECTRICAL DUCT HAS BEEN REMOVED AND/OR THE PROPOSED ELECTRICAL DUCT INSTALLED, THE CONTRACTOR WILL BACKFILL THE TRENCH FROM THE TOP OF THE ELECTRICAL DUCT TO THE BOTTOM OF THE CURB AND GUTTER TO BE REPLACED WITH CA-14 OR CA-16. THE CA-14/CA-16 WILL BE CONSOLIDATED TO THE SATISFACTION OF THE RESIDENT ENGINEER. THE CONTRACTOR WILL THEN REPLACE THE CONCRETE CURB AND GUTTER.

THE CONTRACTOR WILL USE 610 STRUCTURAL PORTLAND CEMENT CONCRETE.

THIS ITEM OF WORK WILL BE PAID FOR UNDER ITEM:
AR754924 REPLACE COMB CURB & GUTTER -- PER L.F.

PROPOSED APRON PHASED CONSTRUCTION

IN ORDER TO INSTALL THE PROPOSED ELECTRICAL DUCTS ACROSS THE EXISTING AIRCRAFT PARKING APRON THE CONTRACTOR WILL BE REQUIRED TO REMOVE A SECTION OF THE BITUMINOUS PAVEMENT AS SHOWN ON SHEET NO. 5.

THE CONTRACTOR WILL ONLY BE ALLOWED TO BARRICADE OFF THE NORTH 175' OF THE AIRCRAFT PARKING APRON WHILE ALLOWING AIRCRAFT TO USE THE SOUTH 125' OF THE AIRCRAFT PARKING APRON.

THE CONTRACTOR WILL INSTALL LIGHTED BARRICADES ON BOTH SIDES OF THE PROPOSED PAVEMENT REMOVAL AND REPLACEMENT AREA. THE BARRICADES WILL BE PLACED NO FARTHER THAN 25' FROM EACH OTHER.

THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED INTO THE SOUTH 125' OF THE AIRCRAFT PARKING APRON UNTIL HE HAS INSTALLED THE PROPOSED ELECTRICAL DUCT AND REPLACED THE BITUMINOUS PAVEMENT ON THE NORTH 150' OF THE AIRCRAFT PARKING APRON. THE CONTRACTOR WILL THEN BE ALLOWED TO BARRICADE OFF THE SOUTHERN 150' OF THE AIRCRAFT PARKING APRON AND AIRCRAFT WILL BE ALLOWED TO USE THE NORTH 150' OF THE AIRCRAFT PARKING APRON. THE PROPOSED PHASING OF THE INSTALLATION OF THE ELECTRICAL DUCT ACROSS THE EXISTING AIRCRAFT PARKING APRON WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO DO THE PROPOSED PHASING.

PROPOSED FRONTAL AREA SECURITY

WHILE THE CONTRACTOR IS WORKING IN THE FRONTAL AREA HE WILL HAVE TO PROVIDE SECURITY THAT WILL INSURE THE SAFETY OF THE PUBLIC.

ONCE THE CONTRACTOR BEGINS EITHER REMOVING THE PAVEMENT ACROSS THE HANGAR ACCESS ROAD OR INSTALLING THE TEMPORARY JUMPER CABLES; THAT ROAD WILL BE BARRICADED AND CLOSED TO ALL VEHICULAR TRAFFIC. BARRICADES WILL BE PLACED ON BOTH SIDES OF THE PROPOSED WORK AREA TO INSURE THAT A VEHICLE COMING FROM EITHER SIDE WILL BE WARNED OF THE CONSTRUCTION AREA. THE BARRICADES WILL REMAIN IN PLACE UNTIL THE PAVEMENT HAS BEEN REPLACED AND THE JUMPER CABLES HAVE BEEN REMOVED.

WHEN THE CONTRACTOR BEGINS EXCAVATING IN THE FRONTAL AREA BESIDE THE EXISTING FIXED BASE OPERATOR HANGAR, HE WILL FURNISH AND INSTALL A FENCE MATERIAL THAT WILL KEEP THE PUBLIC AWAY FROM THE CONSTRUCTION SITE. THE FENCING MATERIAL MAY BE REMOVED WHILE THE CONTRACTOR IS WORKING IN THE IMMEDIATE AREA BUT MUST BE IN PLACE WHENEVER THE CONTRACTOR IS WORKING IN A DIFFERENT AREA OR AT THE END OF THE CONSTRUCTION DAY. THE CONTRACTOR MUST PROVIDE CONTINUOUS ACCESS TO THE FIXED BASE OPERATOR HANGAR. THIS WILL BE DONE BY PLACING A WOODEN RAMP OR METAL PLATE ACROSS THE AREA THAT HAS BEEN CUT OUT OF THE SIDEWALK. FENCING MATERIAL WILL BE PLACED ON BOTH SIDES OR THE WOODEN RAMP OR METAL PLATE TO KEEP THE PUBLIC FROM THE CONSTRUCTION AREA.

ONCE THE PROPOSED ELECTRICAL DUCT AND MANHOLES HAVE BEEN INSTALLED IN THE FRONTAL AREA AND BACKFILLED, THE CONTRACTOR WILL BE ALLOWED TO REMOVE THE CONSTRUCTION SECURITY FENCE, BARRICADES AND RAMP THAT WAS PLACED ACROSS THE SIDEWALK.

ALL MATERIAL, EQUIPMENT AND LABOR REQUIRED TO INSTALL, MOVE, MAINTAIN AND REMOVE THE SECURITY ITEMS WILL BE CONSIDERED AS INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TIE DOWN NOTES

THERE ARE TWO EXISTING TIE DOWNS THAT WILL BE REMOVED WHEN THE CONTRACTOR REMOVES THE EXISTING BITUMINOUS PAVEMENT ACROSS THE AIRCRAFT PARKING APRON IN ORDER TO INSTALL THE PROPOSED 6-WAY ELECTRICAL DUCTS. THE REMOVAL OF THESE TWO TIE DOWNS WILL BE CONSIDERED AS PART OF THE BITUMINOUS PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE TIE DOWNS WILL BE DISPOSED OF OFF THE AIRPORT SITE.

TWO NEW TIE DOWNS WILL BE INSTALLED IN ACCORDANCE WITH THE DETAILS SHOWN ON SHEET NO. 5.



THE TIE DOWNS WILL BE PAID FOR UNDER ITEM:
AR510510 TIE DOWNS -- PER EACH.

PAVEMENT MARKING NOTES

THE REMOVAL OF THE BITUMINOUS PAVEMENT ACROSS THE AIRCRAFT PARKING APRON WILL REMOVE THE MARKING FOR TWO TIE DOWNS AND SOME OF THE TAXIWAY CENTERLINE. THIS MARKING WILL BE REPLACED IN ACCORDANCE WITH ITEM 620.

ALL PROPOSED MARKING WILL BE SOLID, ONE FOOT IN WIDTH, AND YELLOW IN COLOR. GLASS BEADS WILL BE APPLIED IN THE SECOND APPLICATION.

THE PAVEMENT MARKING WILL BE PAID FOR UNDER ITEM:
AR620520 PAVEMENT MARKING - WATERBORNE -- PER SQ. FT.

COLES COUNTY AIRPORT  COLES COUNTY AIRPORT AUTHORITY	DATE: 07/14/08	REVISION: REVISED AS PER DA REVIEW	BY: CHH
	A.I.P. PROJ.: 3-17-0066-820 I.L. PROJ.: MTO-3762		
HANSON  Hanson Professional Services Inc. 1525 South Sixth Street Springfield, Illinois 62703-2886 Chicago Nationwide	HET Project No. 07A0101D_0800 Drawings: R-111PRP.DWG Scale: 1"=10' Date: 04/04/08	LAYOUT: CAH DRAWN: MDR REVIEWED: CAH	03/19/08 03/19/08 04/03/08
REPLACE ELECTRICAL DUCT IN FRONTAL AREA PROPOSED PAVEMENT PREPARATION PLAN NOTES	6 6 of 22 sheets		