

DATE	REVISION

THE CITY OF
Mount Carmel
MT. CARMEL MUNICIPAL AIRPORT
A.I.P. PROJ.: 3-17-0073-B15
IL PROJ.: AUG-3967

HEI Project No. 09A0148D_0800	FILENAME R-002FLP.DWG	SCALE NOT TO SCALE	DATE 03/19/10	LAYOUT J.S.L. 03/04/10	DRAWN C.W.S. 03/04/10	REVIEWED C.A.H. 03/18/10
-------------------------------	-----------------------	--------------------	---------------	------------------------	-----------------------	--------------------------

HANSON
Hanson Professional Services Inc.
1825 S. State Street
Springfield, IL 62703-2886
Offices Nationwide

REHAB. N.E. PROTION
PARALLEL TAXIWAY

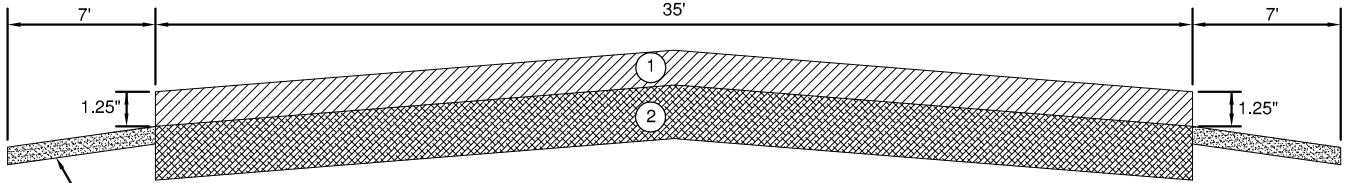
SUMMARY OF QUANTITIES,
INDEX TO SHEETS, NOTES,
TYP. CROSS SECTIONS

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SUMMARY OF QUANTITIES, INDEX TO SHEETS, NOTES TYP. CROSSSECTIONS
3	PROPOSED SAFETY PLAN
4	ACTIVITY AND SEQUENCING PLAN
5	PROPOSED CONSTRUCTION PLAN TAXIWAY "A"
6	PROPOSED CONSTRUCTION PLAN TAXIWAY "A"
7	MARKING PLAN TAXIWAY "A"
8	MARKING PLAN N.E. PORTION OF TAXIWAY "A"

SUMMARY OF QUANTITIES

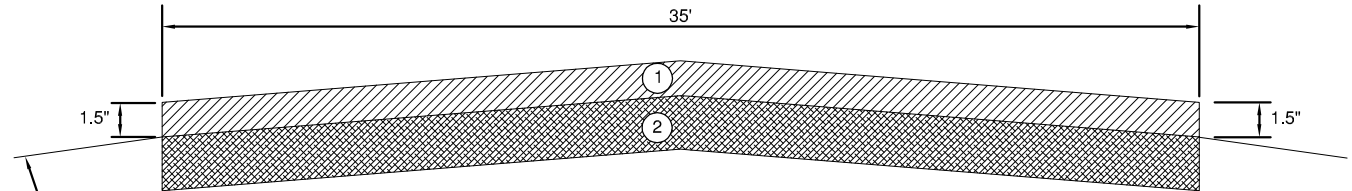
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150540	HAUL ROUTE	L.S.	1	
AR152480	SHOULDER ADJUSTMENT	S.Y.	1,160	
AR201661	CLEAN & SEAL BITUMINOUS CRACKS	L.F.	5,000	
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	400	
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	655	
AR401915	REM & REPL BIT PAVT -TYPE A	S.Y.	130	
AR401916	REM & REPL BIT PAVT -TYPE B	S.Y.	70	
AR402622	POROUS FRICTION COURSE, 0.10'	S.Y.	14,920	
AR602510	BITUMINOUS PRIME COAT	GAL.	350	
AR603510	BITUMINOUS TACK COAT	GAL.	3,730	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	2,746	
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	350	



**TYPICAL SECTION
STA. 24+47 TO STA. 31+70**

- 1. PROPOSED 0.1' OF POROUS FRICTION COURSE (402)
- 2. EXISTING BITUMINOUS SURFACE COURSE

PROPOSED AGGREGATE
SHOULDER ADJUSTMENT
(TYP. BOTH SIDES)



**TYPICAL SECTION
REMAINDER OF PROJECT**

- 1. PROPOSED 0.1' OF POROUS FRICTION COURSE (402)
- 2. EXISTING BITUMINOUS SURFACE COURSE

EXISTING SHOULDER
(TYP. BOTH SIDES)

GENERAL PAVEMENT PREPARATION

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING WORK ITEMS BEFORE A TACK COAT CAN BE APPLIED:

- BLADE THE EARTH AND SOD BACK FROM EDGE OF THE PAVEMENT.
- USE A PESTICIDE TO KILL ALL WEEDS ON THE EXISTING PAVEMENT SURFACE.
- ONCE THE WEEDS HAVE DIED USE A TORCH TO BURN OFF WEEDS.
- POWER BROOM THE LOOSE UNWANTED MATERIAL OFF THE PAVEMENT.

THE ABOVE WORK WILL BE CONSIDERED INCIDENTAL TO PAY ITEM AR603510 "BITUMINOUS TACK COAT" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

152-SHOULDER ADJUSTMENT NOTES:

SHOULDER ADJUSTMENT SHALL BE CONSTRUCTED UTILIZING THE EXISTING COARSE AGGREGATE. THE MANIPULATION OF THE EXISTING AGGREGATE SHALL BE MINIMIZED AND SHALL RESULT IN A FLUSH EDGE OF PAVEMENT TRANSITION AS SHOWN IN THE TYPICAL CROSS SECTION. ONCE SHOULDER ADJUSTMENT HAS BEEN COMPLETED AND PRIOR TO THE PAVING OF THE POROUS FRICTION COURSE, THE SHOULDER SHALL BE TREATED WITH A PRIME COAT OF MC-30 AT THE RATE OF 0.30 GAL/S.Y.

ANY AREAS OUTSIDE THE LIMITS OF THE SHOULDER ADJUSTMENT AREAS IDENTIFIED ON THE PLANS SHALL BE ADJUSTED AS NECESSARY TO PROVIDE A 1-1/2" MAXIMUM SHOULDER DROP OFF. THESE AREAS SHALL BE FILLED WITH DIRT, SEEDED AND MULCHED ACCORDING TO ITEMS 152, 901 AND 908 OF THE STANDARD SPECIFICATIONS, RESPECTIVELY, AND SHALL BE CONSIDERED INCIDENTAL TO THE ITEM AR402622 POROUS FRICTION COURSE, 0.10.

ALL SHOULDER ADJUSTMENTS SHALL BE PAID FOR UNDER ITEM:
AR152480 "SHOULDER ADJUSTMENT" _____ 1,160 S.Y.

PRIME COAT APPLICATION SHALL BE PAID FOR UNDER ITEM:
AR602510 "BITUMINOUS PRIME COAT" _____ 350 GAL.

201-CLEANING AND SEALING BITUMINOUS CRACKS NOTES:

THE PAVEMENT CONDITIONS AND CRACKS WERE IDENTIFIED DURING A SURVEY (FEB. 2010) OF THE EXISTING TAXIWAY AREA. THE EXACT AMOUNT OF CRACKS TO BE CLEANED AND SEALED WILL BE THE NUMBER OF LINEAR FEET OF CRACKS MARKED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

ALL CLEANING AND SEALING OF BITUMINOUS CRACKS SHALL BE PAID FOR UNDER ITEM:
AR201661 "CLEAN AND SEAL BITUMINOUS CRACKS" _____ 5,000 L.F.

AR401-BUTT JOINT CONSTRUCTION NOTES:

THE PROPOSED BUTT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM AR401655 "BUTT JOINT CONSTRUCTION" AS STATED IN THE STANDARD SPECIFICATIONS.

THIS ITEM SHALL CONSIST OF REMOVING THE EXISTING BITUMINOUS PAVEMENT SURFACE BY MILLING IN ORDER TO CONSTRUCT A BUTT JOINT FOR THE TRANSITION OF THE PROPOSED BITUMINOUS OVERLAY AT THE LOCATIONS AS SHOWN ON THE PLANS.

THE PAVEMENT SURFACE WILL THEN BE MILLED TO A DEPTH OF 0.10 FT. AT THE BUTT END AND WILL TAPER TO 0 IN. AT THE OPPOSITE END. THE PLANER MUST BE CAPABLE OF MILLING THE SURFACE TO THE DESIRED ELEVATIONS AND GRADES.

ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE RESIDENT ENGINEER.

THE PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM:
AR401655 "BUTT JOINT CONSTRUCTION" _____ 655 S.Y.

402-POROUS FRICTION COURSE NOTES:

THE PROPOSED POROUS FRICTION COURSE WILL BE CONSTRUCTED IN ONE LAYER, HAVING A COMPACTED NOMINAL THICKNESS OF 0.10 FOOT.

POROUS FRICTION COURSE SHALL BE PLACED ON A CLEAN AND PREPARED SURFACE ONLY AFTER THE APPROVAL OF THE RESIDENT ENGINEER.

POROUS FRICTION COURSE WILL BE CONSTRUCTED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS AND AS STATED IN THE STANDARD SPECIFICATIONS.