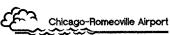
HANSON PROFESSIONAL SERVICES INC



JOLIET REGIONAL PORT DISTRICT

1 Hangar Road Romeoville, Illinois 60446 Telephone: 815.838.9497

EXTEND TAXIWAY E: CONSTRUCT

AIP PROJECT NO. 3-17-0140-B38

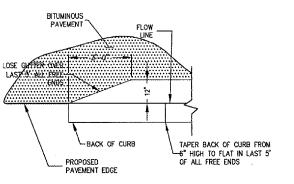
815 Commerce Drive, Suite 200 Oak Brook, Illinois 60523 Telephone: 630.990.3800 Fax: 630.990.3801



Fax: 815.838.9524

GA APRON, AVGAS FUELING APRON AND AUTO PARK 100

IDA PROJECT NO. LOT-3441



PROVIDE TRANSITION AT LOCATIONS SHOWN ON PLANS

PLAN VIEW OF CURB TRANSITION

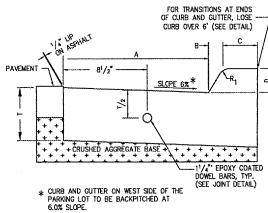


TABLE OF DIMENSIONS BARRIER CURB(IN) B C D R₁ T 12 1 6

FULL DEPTH & WIDTH ~ 3/4" THICK (MIN.)
PREFORMED EXPANSION

JOINT FILLER

1. CONTRACTION JOINTS TO BE LOCATED AT NO GREATER THAN 12.5' ON CENTER. CONTRACTION JOINTS ARE TO BE EITHER 3/4" THICK PREFORMED JOINT FILLER, SAWED 2" DEEP AT 4 TO 24 HOURS OR FORMED WITH A 1/8" THICK STEEL TEMPLATE 2" DEEP.

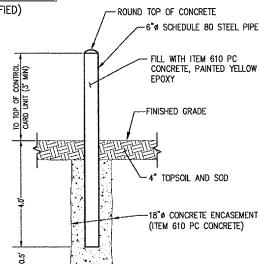
EXPANSION JOINT DETAIL

11/4"ø -- 18" LONG EPOXY COATED SMOOTH DOWEL BAR (PLACED AT MID-DEPTH).

- 2. EXPANSION JOINTS TO BE LOCATED 5' FROM EACH SIDE OF AN INLET STRUCTURE AND AT 50' MAX SPACING.
- 3. ALL EXPANSION AND CONTRACTION JOINTS TO BE SEALED SONNEBORN "NP 1" OR APPROVED EQUAL.
- 4. COST OF CRUSHED AGGREGATE BASE UNDER CURB AND GUTTER INCIDENTAL TO ITEM 754.

SECTION

COMBINATION CONCRETE CURB AND GUTTER (IDOT STANDARD 606001 - MODIFIED)



HANGAR 100

PAVEMENT ELEVATION TO - BE 0.04 BELOW OVERHEAD DOOR SLAB ELEVATION

HANGAR 100

PAVEMENT ELEVATION TO - BE 0.04 BELOW OVERHEAD DOOR SLAB ELEVATION

SLOPE BREAK

5.00'

2.0%

5' (VARIES)

2.0%

(1) (A) (S)

SEE DETAIL, ITEM AR401665

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

FILL AREAS - REMOVE TOPSOIL, ADDITIONAL UNDERCUT IN AREAS SHOWN ON PLANS AND/OR AS DETERMINED BY ROLL TEST (SEE UNDERCUT

TYPICAL SECTION

AUTO PARK 100

STA. 507+55 TO STA. 509+71

(SECTION SHOWN LOOKING NORTH)

PROPOSED 4" TOPSOIL, ITEM AR905510

2

(3)

6

SEED AND MULCH

SEED AND MULCH

LOW POINT

PROPOSED CURB

& GUTTER

0.88% MIN

AND VARIES

1.5" DROP TYPICAL ALL FREE -PAVEMENT EDGES IN FILL AREAS ONLY

32.3

3.00% MAX

AND VARIES

0.88% MIN 3.00% MAX

AND VARIES

- . UNDERDRAIN

MANHOLE AT LOW POINT (TYP.)

MANHOLE AT LOW (1) POINT (TYP.)

TYPICAL SECTION

AUTO PARK 100

STA. 509+71 TO STA. 510+53

(SECTION SHOWN LOOKING NORTH)

LOW POINT

- PROPOSED 6 INCH P.C.C. PAVEMENT, ITEM AR501506
- PROPOSED 6 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209606

TO PROPOSED 2 INCH BITUMINOUS SURFACE COURSE, ITEM AR401610

PROPOSED 2 INCH BITUMINOUS BASE COURSE, ITEM AR201610

(5) PROPOSED 10 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209610

PROPOSED BITUMINOUS TACK COAT, ITEM AR603510

PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510

- TRENCH BACKFILL FOR PIPE TRENCH, INCIDENTAL TO PIPE 10
- 0 PROPOSED 3 INCH BITUMINOUS BASE COURSE, ITEM 201610

* ALL TOPSOIL TO BE ROMOVED WITHIN 5' OF PROPOSED PAVED AREAS AND UNDER FUTURE HANGAR SITES. QUANTITY INCLUDED IN ITEM AR152410.

1.5" DEEP SAWCUT PRIOR TO MILLING, SAW AND SEAL 2" BITUMINOUS PROPOSEO AUTO 100 SURFACE COURSE BITUMINOUS BASE COURSE, PLACED IN LIFTS AS NECESSARY, SEE SPECIAL PROVISIONS EXISTING BITUMINOUS PAVEMENT SECTION BITUMINOUS TACK COAT INCLUDING ALL VERTICAL FACES WIDTH TO BE AS NECESSARY TO ALLOW FOR A 1.5" MINIMU OVERLAY THICKNESS

BITUMINOUS TAPER DETAIL

BOLLARD DETAIL

1. THE EXPOSED PORTION OF THE BOLLARD

SHALL BE PAINTED YELLOW EPOXY.

2. BOLLARD AND ASSOCIATED ITEMSTO BE

PAID UNDER AR800993 OR AS800993

NOTES

No. Drawing Issue Description Date By

Date MARCH 25, 2005

TYPICAL SECTIONS AND **PAVEMENT DETAILS**

840~04D8	041		
Project Number			
LDH	01/19/05		
Layout 8y {	Opte		
SJM/TMM	02/17/05		0
Designed By [Date		Ō.
RMH	03/11/05		
Reviewed By	Date		
SJM			
Drown By		Sheet No.	