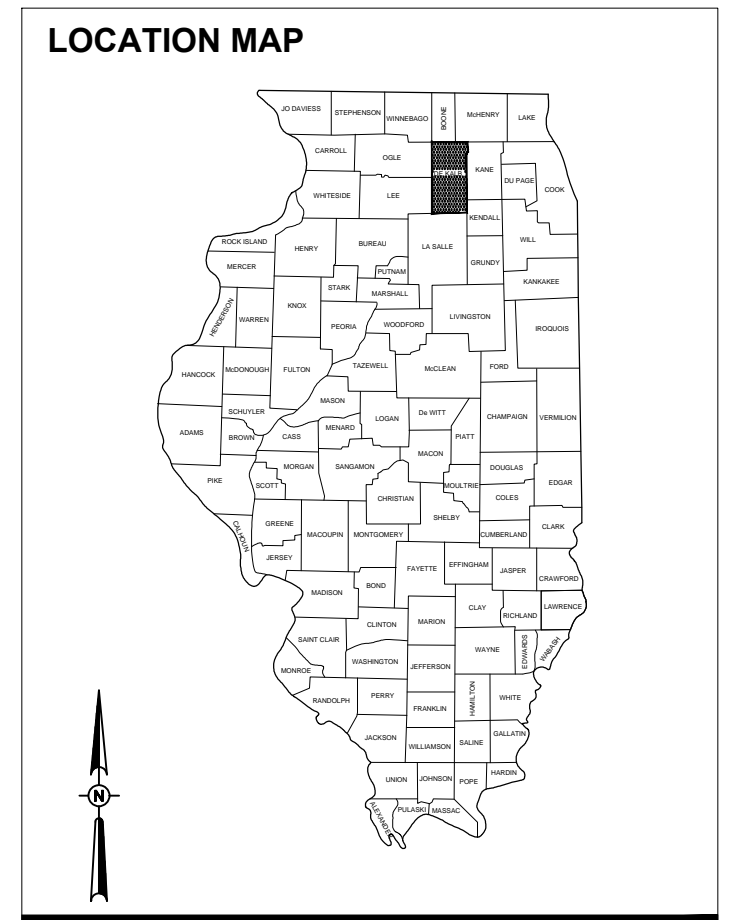
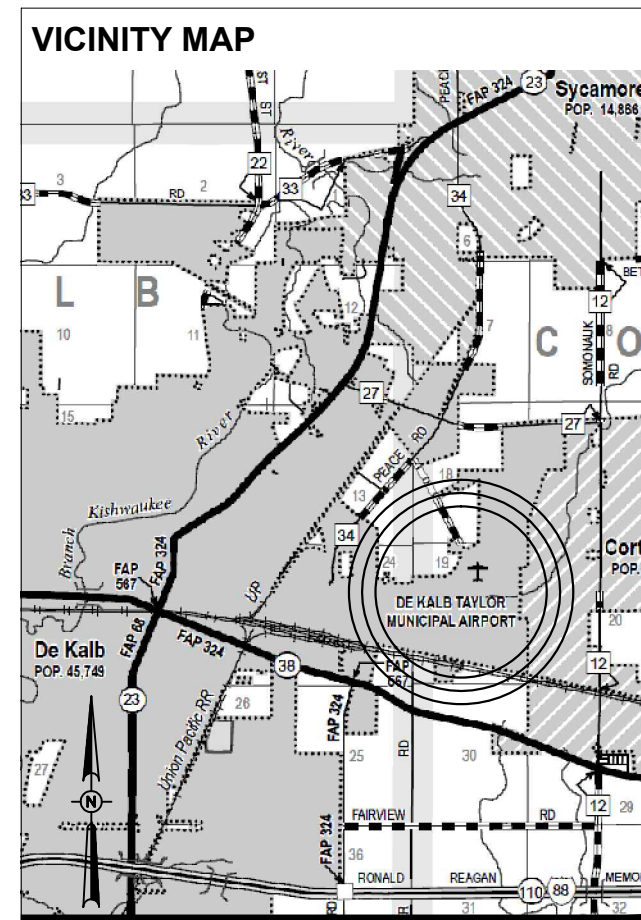


CONSTRUCTION PLANS

CONSTRUCT DETENTION BASIN

THE CITY OF DEKALB
DEKALB TAYLOR MUNICIPAL AIRPORT (DKB)
DEKALB, DEKALB COUNTY, ILLINOIS

SBG PROJECT NO. 3-17-SBGD-TBD
IDA PROJECT NO. DKB-4069



NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.

No.	Issue/Description	Sheets Changed	Date	By
1	Revised to allow alternate pipe material	1,6	07/28/14	KBS

Seal

Kyle B. Schwelzer
Project Engineer

EXP. 11/30/2015

JUNE 20, 2014
Date

HANSON
HANSON PROFESSIONAL SERVICES INC.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Telephone: 217.788.2450
Fax: 217.788.2503

Robert A. Weller, P.E.
Project Manager

JUNE 20, 2014
Date

DTMAX
DeKalb Taylor Municipal Airport
3232 Pleasant Street
DeKalb, Illinois 60115
Telephone: 678.2748.8102

Tom Cleveland
Airport Manager

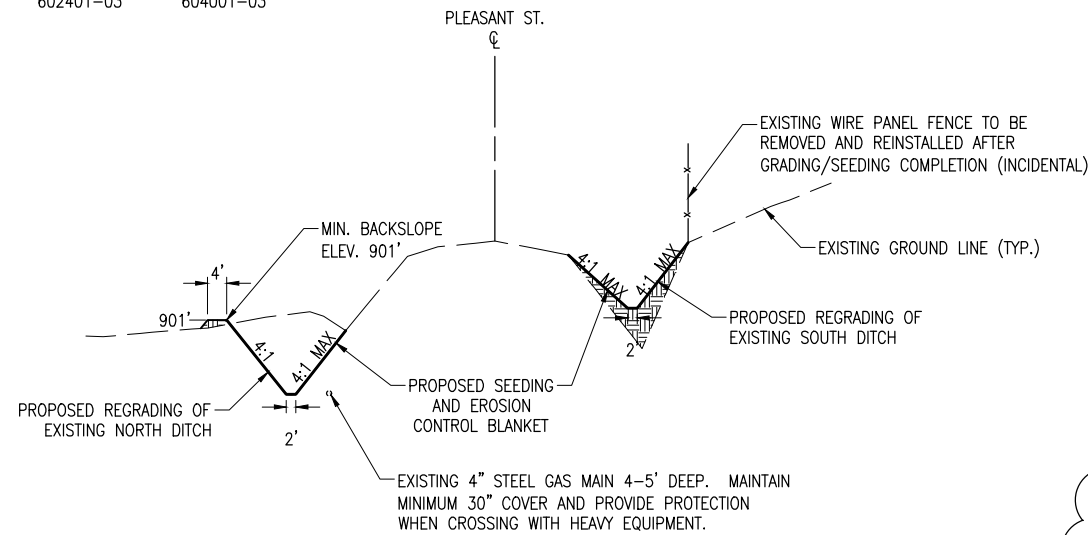
6/23/14
Date

pw:\sfr\306-hanson.dcm\hanson_projects\Documents\11\jobs\11A0022\11A0022\CAD\Airport\Sheet\G-001-CVR.dwg

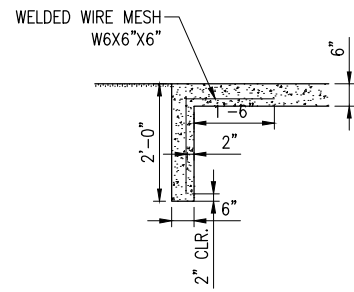
IDOT STANDARDS

(INCLUDED AS APPENDIX TO SPECIAL PROVISIONS)

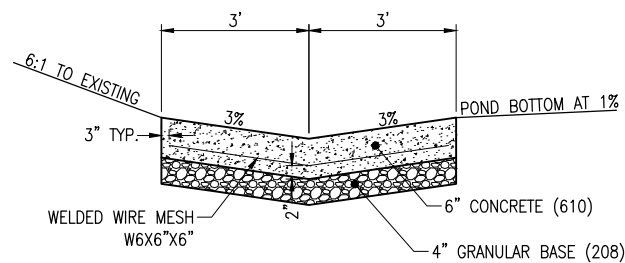
- 542301-03 602406-06
- 601101-01 602601-03
- 602301-04 602701-02
- 602401-03 604001-03



SECTION B-B - REGRADING OF FRONTAL AREA (PLEASANT ST.) DITCHES
NOT TO SCALE



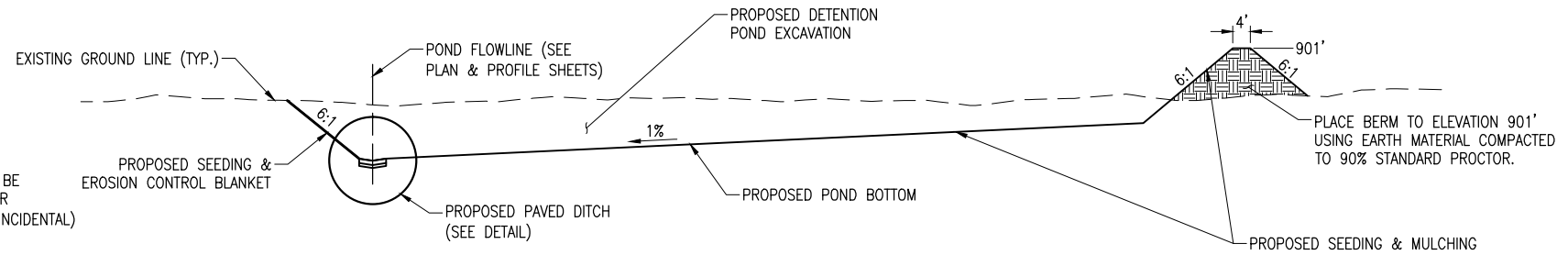
TOE WALL DETAIL FOR PAVED DITCH
NOT TO SCALE



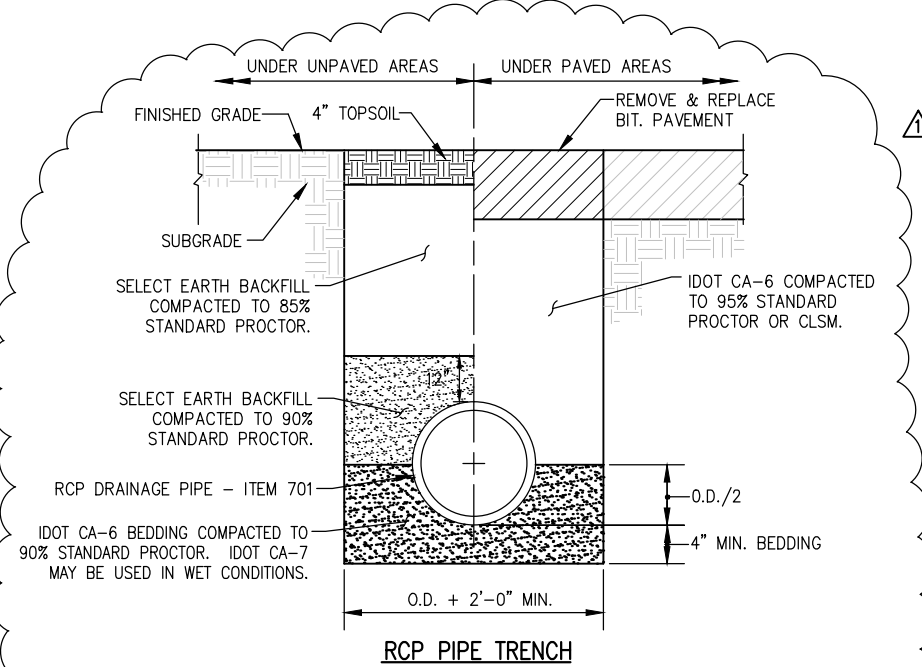
PROPOSED PAVED DITCH
NOT TO SCALE

PAVED DITCH NOTES

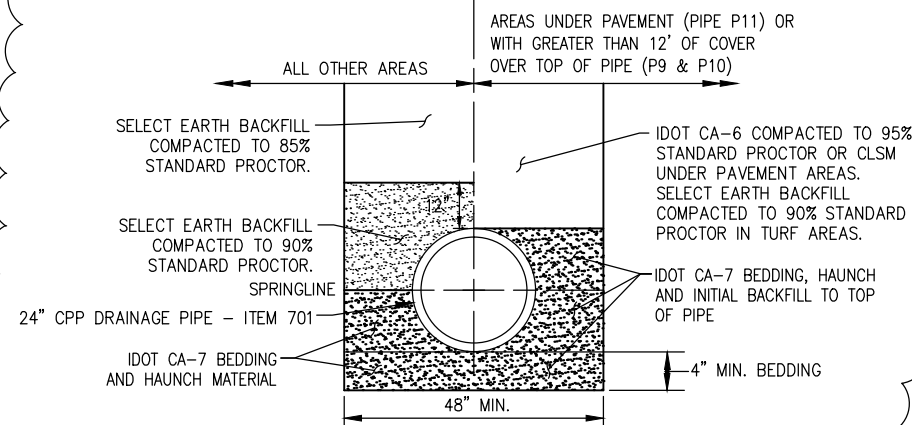
- PAVED DITCH SHALL BE CONSTRUCTED AND PAID FOR IN ACCORDANCE WITH ITEM 754 OF THE STANDARD SPECIFICATIONS.
- EXPANSION JOINTS SHALL BE FORMED EVERY 60' AND AT JUNCTIONS WITH OTHER STRUCTURES USING A FULL WIDTH AND DEPTH 3/4" THICK PREFORMED EXPANSION JOINT FILLER. TWO 18" DOWEL BARS WITH EXPANSION CAPS SHALL BE PLACED AT MID-DEPTH AT EACH INTERMEDIATE EXPANSION JOINT.
- CONTRACTION JOINTS SHALL BE CUT OR TOOLED EVERY 8', AT 1/8" WIDE, 2" DEEP, AND THEN SEALED WITH DOW 890 SILICONE JOINT SEALER OR APPROVED EQUAL. ALL JOINTING AND SEALING IS INCIDENTAL TO PAVED DITCH PAY ITEM.
- TOE WALLS SHALL BE CONSTRUCTED AT EACH END OF THE PAVED DITCH AND POURED MONOLITHICALLY. COST IS INCIDENTAL TO PAVED DITCH PAY ITEM.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY PHASE HIS WORK AND/OR DEWATER THE SITE AS NEEDED TO COMPLETE THE WORK. IF A STABLE SUBGRADE CANNOT BE OBTAINED DUE TO REASONS OUTSIDE OF THE CONTRACTOR'S CONTROL, THE ENGINEER MAY CHOOSE TO STABILIZE THOSE AREAS BY UNDERCUTTING 12" AND BACKFILLING WITH AN IDOT CA-3 GRADATION AGGREGATE. WORK SHALL BE PAID FOR UNDER ITEM AR800599 "SUBGRADE STABILIZATION", PER SQUARE YARD.



SECTION A-A - PROPOSED DETENTION POND
NOT TO SCALE



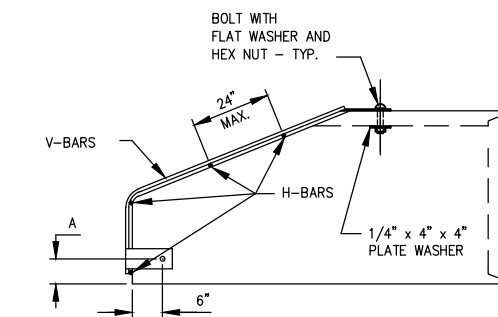
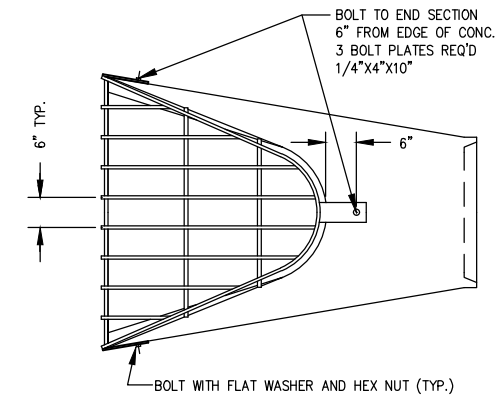
RCP PIPE TRENCH



PIPE TRENCH FOR 24" CPP (ALT. MATERIAL TO 24" RCP)

NOTES

- DRAINAGE PIPE SHALL BE INSTALLED AND PAID FOR IN ACCORDANCE WITH ITEM 701 OF THE STANDARD SPECIFICATIONS AND AS MODIFIED BY THE SPECIAL PROVISIONS.
- AT CONTRACTOR'S OPTION, IDOT CONTROLLED LOW STRENGTH MATERIAL (CLSM) WITH A HIGH EARLY STRENGTH MAY BE USED IN LIEU OF COMPACTED CA-6 BACKFILL UNDER PAVEMENTS. COSTS FOR ALL BEDDING AND BACKFILL MATERIAL ARE INCIDENTAL TO THE APPLICABLE 701 PAY ITEM.
- ALL PAVEMENT AREAS SUBJECT TO PIPE INSTALLATION SHALL BE REMOVED AND REPLACED WITH A LIKE THICKNESS OR AS SPECIFIED OF AN IDOT HMA SURFACE MIX "D" QUALITY, N70 OR HIGHER. WORK TO BE PAID FOR UNDER ITEM AR201910 - REMOVE & REPLACE BIT. PAVEMENT, PER SQUARE YARD.
- EXCAVATED MATERIAL THAT IS EXCESS OR UNSUITABLE FOR USE AS BACKFILL SHALL BE HAULED OFFSITE UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.



END SECTION	DIA. INCHES	V-BAR SIZE	H-BAR SIZE	No. OF H-BARS REQ'D.	BOLT DIA.	"A" DIM.
	INCHES				INCHES	
	24	5/8"	3/4"	4	1/2	5

GRATING FOR FLARED END SECTION

NOTES

- BARS AND PLATES ARE HOT ROLLED STEEL.
- BARS, PLATES, PIPE AND BOLTS ARE GALVANIZED.
- GRATING SHALL BE PAID FOR UNDER ITEM AR752524.
- GRATING TO BE INSTALLED ON STR. S1 & S15.



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Professional Service Corporation
#184-001084



CONSTRUCT
DETENTION BASIN

IDA No: DKB-4069
SBG: 3-17-SBGP-TBD

Contract No. DK056

NO.	DATE	DESCRIPTION		
		LAY	DWN	REV
1	7/28/14	ALT. PIPE MAT.	KBS	KBS RAW

ISSUE: JUNE 20, 2014
PROJECT NO: 11A0022
CAD FILE: C-121-TYP.DWG
LAYOUT BY: KBS 05/09/2014
DRAWN BY: KBS 05/09/2014
REVIEWED BY: CAH 06/12/2014

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TYPICAL SECTIONS
& DETAILS