

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111)I-6	GRUNDY	10	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 66996	

INDEX OF SHEETS

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2. GENERAL NOTES
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10. LOW WATER CROSSING (E)

STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 420701-02 PAVEMENT FABRIC

MICROFILMED _____

REEL NUMBER _____

AWARDED _____

RESIDENT ENGINEER _____

AS BUILT CHANGES WERE MADE ON THE FOLLOWING SHEETS _____

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123

DISTRICT 3 NO. (815) 434-6131

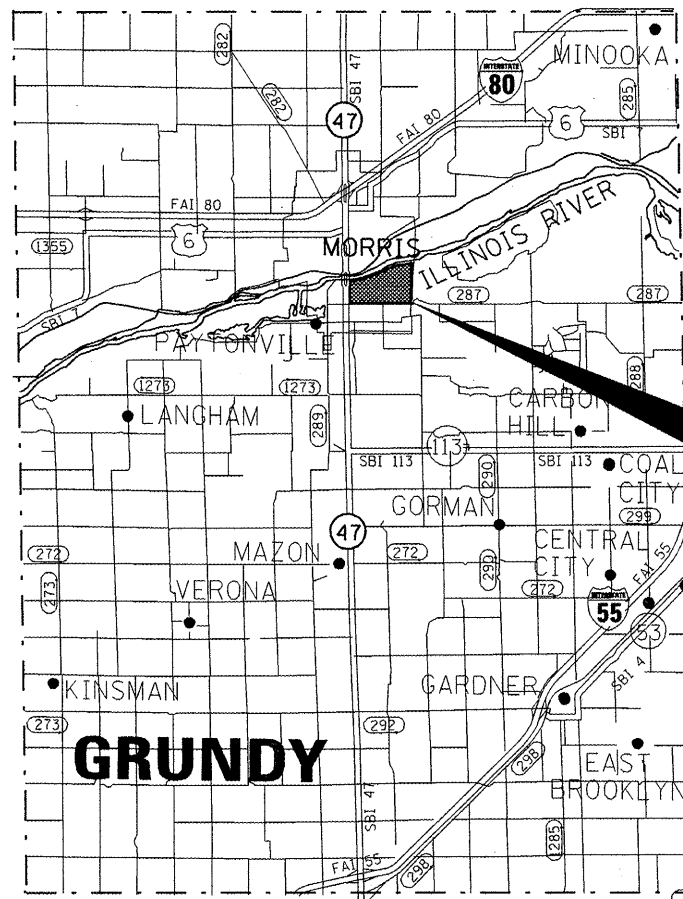
PROJECT ENGINEER: JOE KANNEL
UNIT CHIEF: RON WOODSHANK
TOWNSHIP: WAUPONSEE

CONTRACT NO. 66996

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 326 (IL ROUTE 47)
SECTION (111)I-6

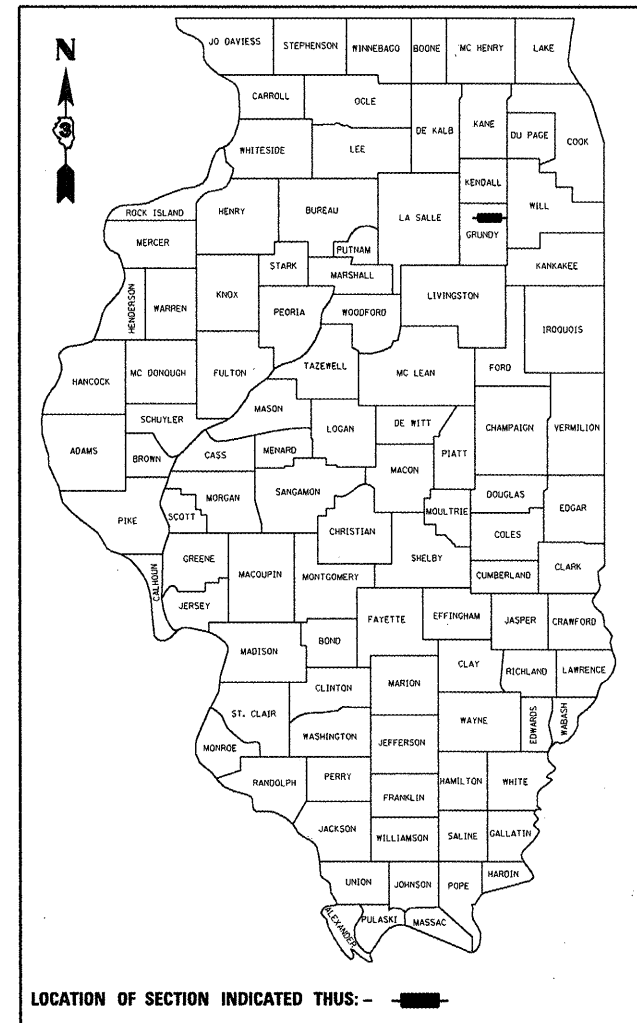
GRUNDY COUNTY
WETLAND MAINTENANCE
C-93-054-10



WETLAND RESTORATION SITE

LOCATION MAP
 NOT TO SCALE

D-93-020-10



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

FUNCTIONAL CLASSIFICATION
 URBAN: OTHER PRINCIPAL ARTERIAL
 F.A.P. ROUTE 326 (IL 47)
 2007 ADT = 20200
 P.V = 86.9% M.U. = 6.2% S.U. = 6.9%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 12-7 20 09
George Ryan
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 29 20 10
Scott E. Stitt PE, Inc
 Acting ENGINEER OF DESIGN AND ENVIRONMENT

January 09 20 10
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY FURNISHED BASED UPON THE UNIT BID PRICE FOR THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE "JULIE" NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT (48) HOURS ADVANCE NOTICE IS REQUIRED.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE CONTRACTOR SHALL PROTECT ALL TREES AND SHRUBS FROM HIS(HER) MOWING OPERATIONS. IF TREES OR SHRUBS ARE DAMAGED DUE TO THE CONTRACTORS OPERATIONS, THE DAMAGED TREE(S) OR SHRUBS(S) SHALL BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS / CU YD
--------------------	-------------------

DATE: 12-4-09

PREPARED BY: *David Bevil*
 Acting DISTRICT STUDIES & PLANS ENGINEER

EXAMINED BY: *[Signature]*
 DISTRICT CONSTRUCTION ENGINEER

[Signature]
 DISTRICT MATERIALS ENGINEER

[Signature]
 DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\pwidot\woodshankr1\d0168300	366196-details.dgn	DRAWN - RON WOODSHANK	REVISED -			326	(111)-6	GRUNDY	10	2	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 66996					
	PLOT DATE = Dec 01, 2009 - 07:29:07 AM	DATE -	REVISED -			FED. ROAD DIST. NO. - ILLINOIS					
				SCALE: -----	SHEET NO. 1 OF 1 SHEETS						

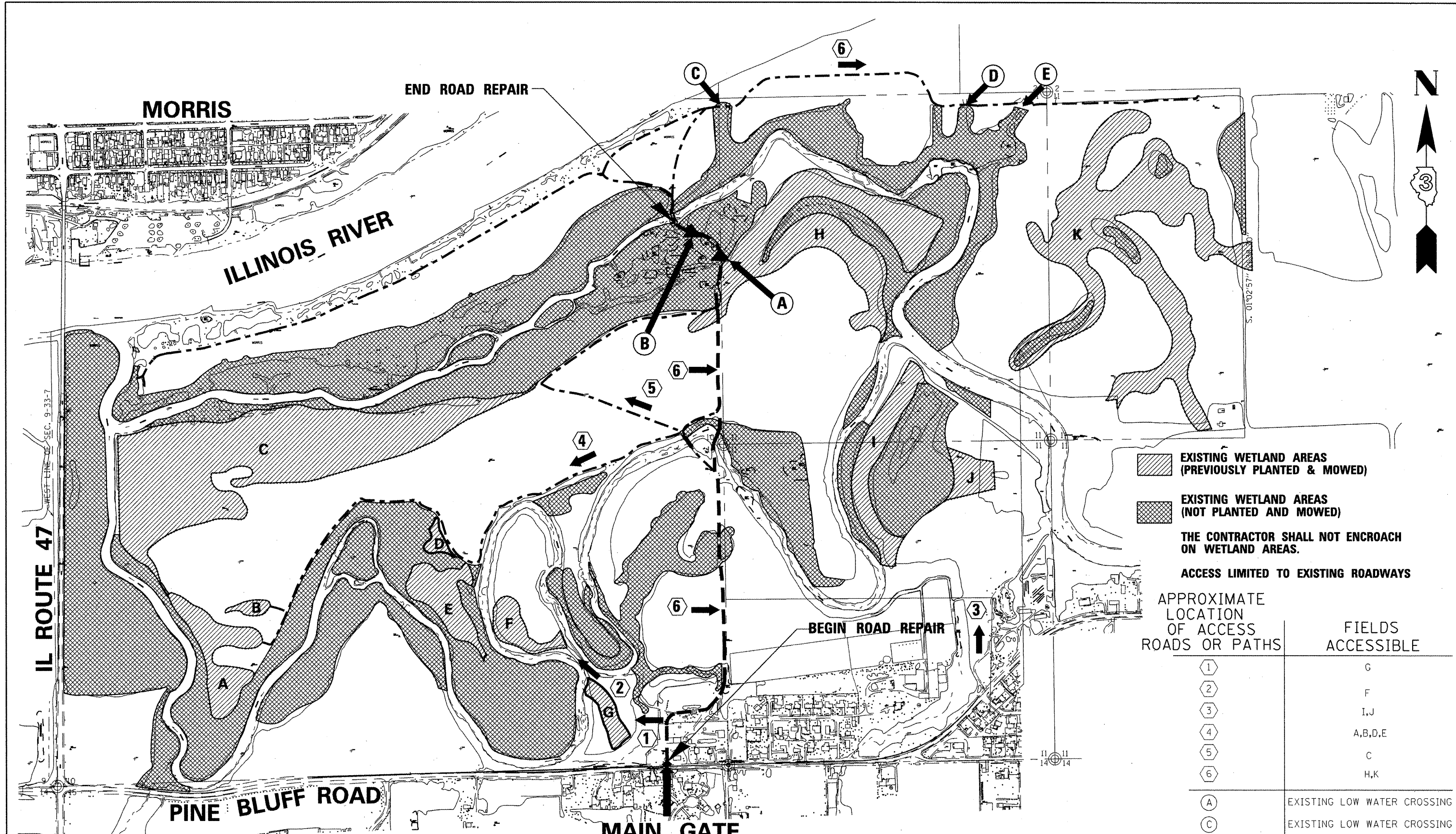
SUMMARY OF QUANTITIES

CONSTRUCTION CODE TYPE:

Y003

URBAN
100% STATE
TOTAL
QUANTITY

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	50
28100107	STONE RIPRAP, CLASS A4	SQ YD	253
28200200	FILTER FABRIC	SQ YD	430
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	78
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	200
42000300	PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	78
42000600	PORTLAND CEMENT CONCRETE PAVEMENT 16 1/2 - 10 1/2 - 16 1/2	SQ YD	67
42001200	PAVEMENT FABRIC	SQ YD	134
51100300	SLOPE WALL 6 INCH	SQ YD	63
542C5479	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	66
67100100	MOBILIZATION	L SUM	1
X2010505	CLEARING, SPECIAL	L SUM	1
Z0001058	AGGREGATE SUBGRADE 18"	SQ YD	87
Z0015500	DEBRIS REMOVAL	L SUM	1



[Diagonal Hatching] EXISTING WETLAND AREAS (PREVIOUSLY PLANTED & MOWED)
 [Cross-hatching] EXISTING WETLAND AREAS (NOT PLANTED AND MOWED)
THE CONTRACTOR SHALL NOT ENCROACH ON WETLAND AREAS.
ACCESS LIMITED TO EXISTING ROADWAYS

APPROXIMATE LOCATION OF ACCESS ROADS OR PATHS	FIELDS ACCESSIBLE
①	G
②	F
③	I, J
④	A, B, D, E
⑤	C
⑥	H, K
A	EXISTING LOW WATER CROSSING
C	EXISTING LOW WATER CROSSING
D	EXISTING LOW WATER CROSSING
E	EXISTING LOW WATER CROSSING

LEGEND

- - - - - ACCESS PATH
 - - - - - ACCESS ROAD (AGGREGATE SURFACE)

LOCATIONS OF PROPOSED WORK

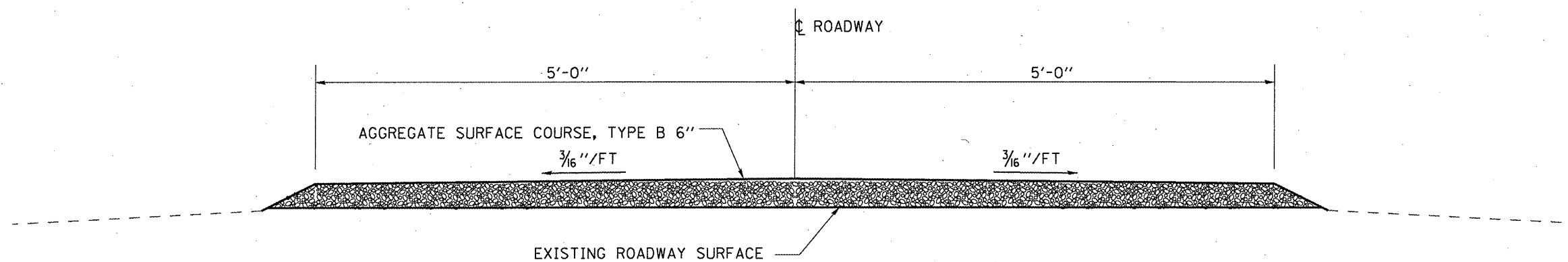
A EXISTING LOW WATER CROSSING TO BE RECONSTRUCTED
 B PROPOSED LOW WATER CROSSING TO BE CONSTRUCTED
 E PROPOSED TREE AND DEBRIS REMOVAL SITE

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED -
c:\pwr_work\pwsdot\woodshankr1\d01683001	366996-detail.s.dgn	DRAWN - RON WOODSHANK	REVISED -
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	PLOT DATE = Dec 01, 2009 - 07:29:53 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WETLAND MITIGATION SITE MAP
 SCALE: _____ SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111)I-6	GRUNDY	10	4
FED. ROAD DIST. NO. - [ILLINOIS]			CONTRACT NO. 66996	



TYPICAL SECTION

ROADWAY REPAIR

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
AGGREGATE SURFACE COURSE, TYPE B, 6"	TON	200

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED -
ct:\pw\work\pwidot\woodshankr1\d0168300\366996-details.dgn		DRAWN - RON WOODSHANK	REVISED -
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PLOT DATE = Dec 01, 2009 - 07:30:21 AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTION

SCALE: _____ SHEET NO. 1 OF 1 SHEETS

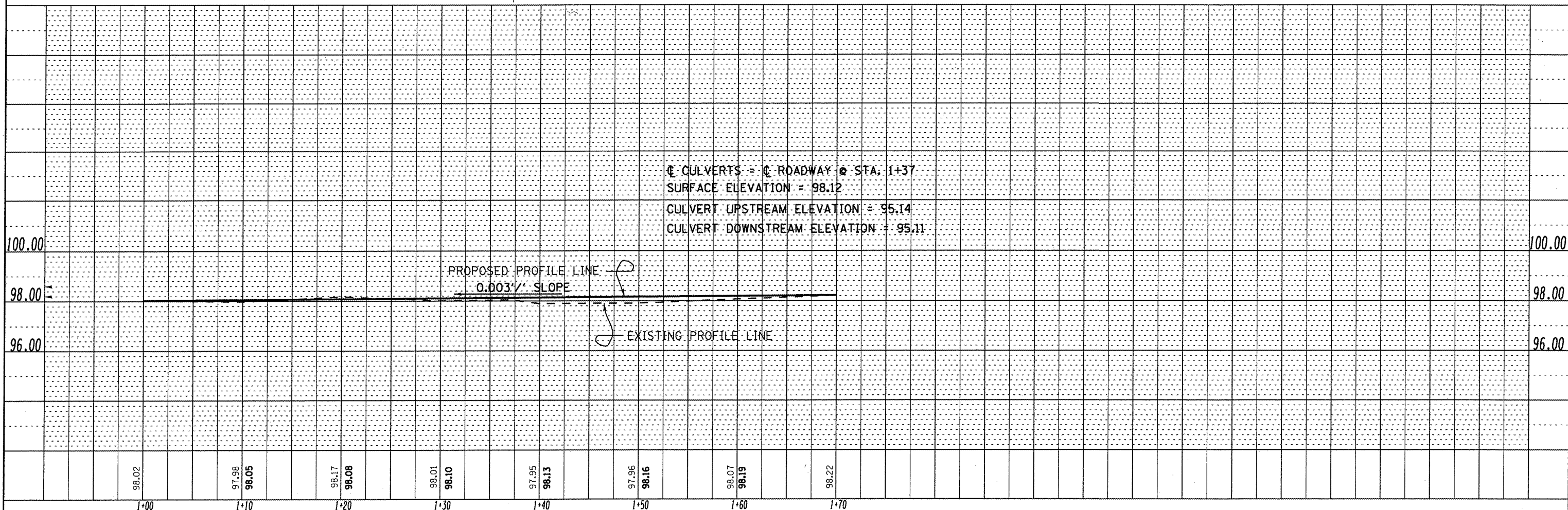
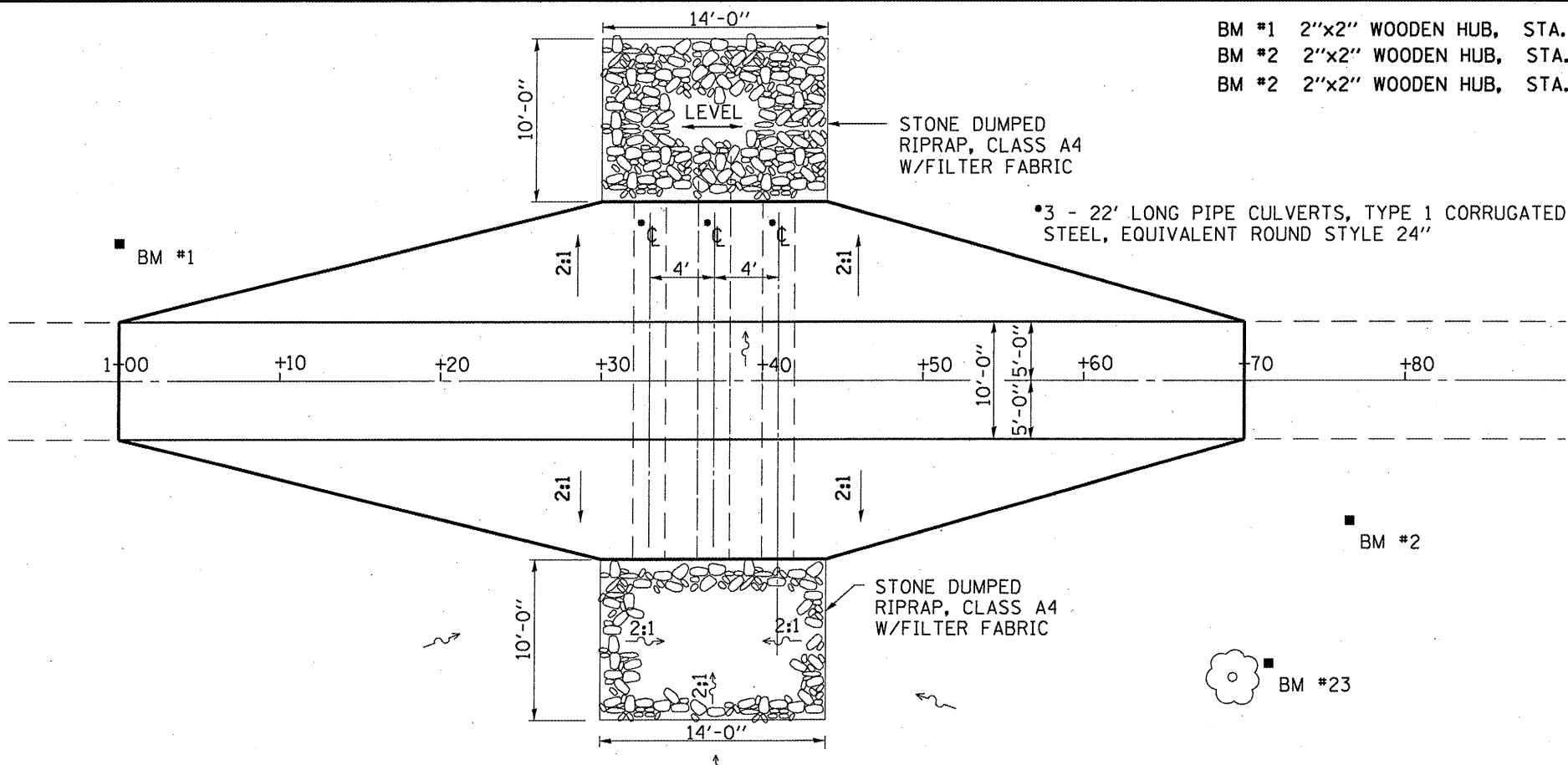
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(111)-6	GRUNDY	10	5
FED. ROAD DIST. NO. - [ILLINOIS]			CONTRACT NO. 66996	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	BY
	CHECKED	BY
	REVISIONS	BY
	NO. _____	DATE

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	BY
	CHECKED	BY
	REVISIONS	BY
	NO. _____	DATE

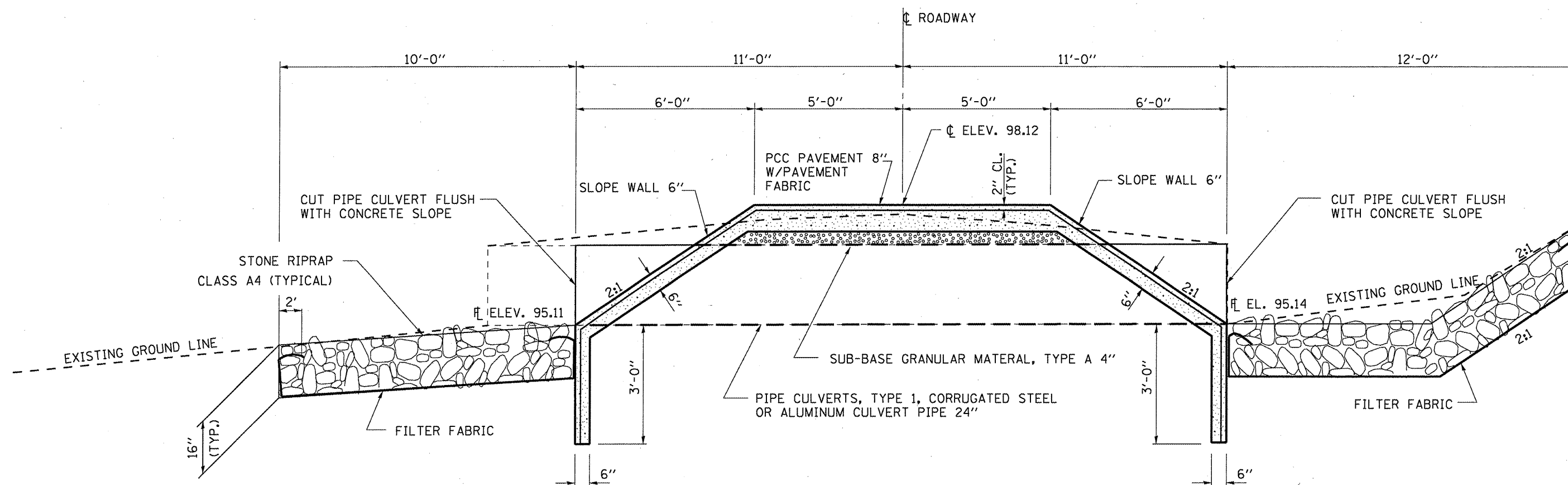
BM #1 2"x2" WOODEN HUB, STA. 1+00 LT ELEV. 100.00
 BM #2 2"x2" WOODEN HUB, STA. 1±75 RT. ELEV. 99.27
 BM #2 2"x2" WOODEN HUB, STA. 1±60 RT. ELEV. 103.35

DESCRIPTION OF WORK



LT.
DOWNSTREAM

RT.
UPSTREAM



CROSS SECTION
STA. 1+37

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
SUB-BASE GRANULAR MATERIAL, TYPE A, 4"	SQ YD	78
STONE RIPRAP, CLASS A4	SQ YD	43
FILTER FABRIC	SQ YD	43
PCC PAVEMENT 8"	SQ YD	78
PAVEMENT FABRIC	SQ YD	78
SLOPE WALL 6"	SQ YD	87
PIPE CULVERT, TYPE 1, CORRUGATED STEEL, EQUIVALENT ROUND STYLE 24"	FOOT	66

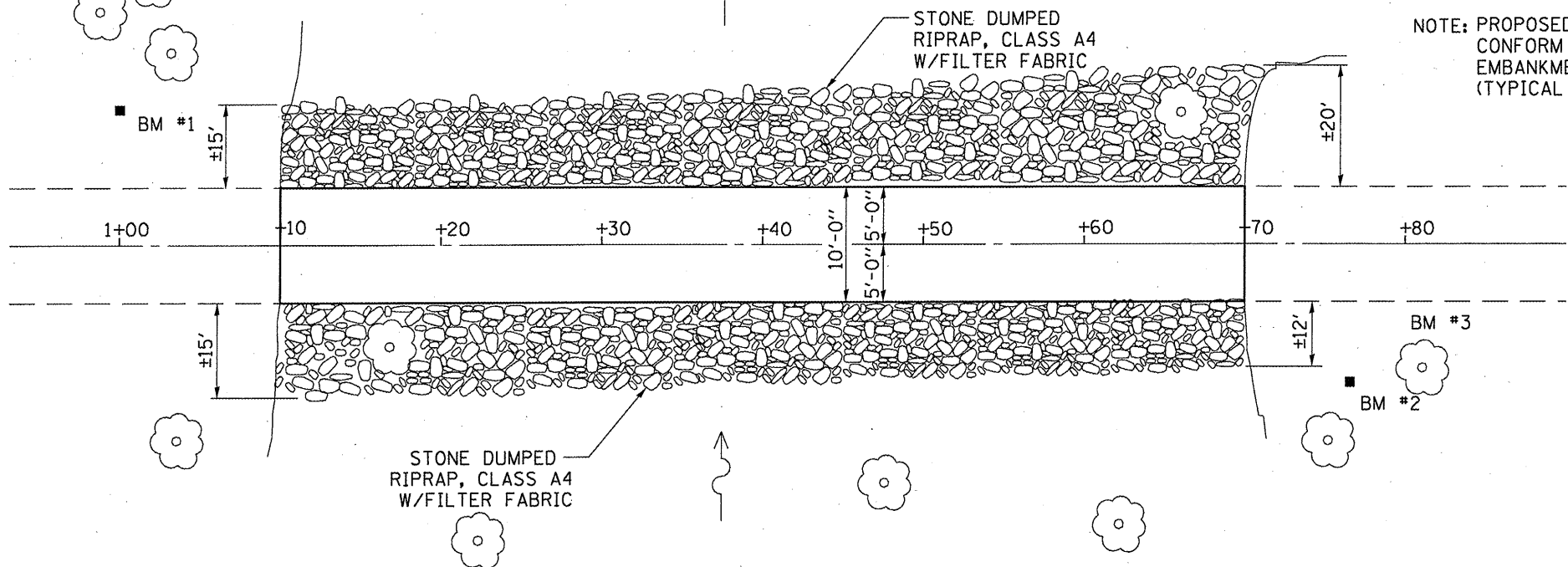
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PLOT DATE = Dec 01, 2009 - 07:30:32 AM	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOW WATER CROSSING (A)
SCALE: _____ SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE. 326	SECTION (111)I-6	COUNTY GRUNDY	TOTAL SHEETS 10	SHEET NO. 7
FED. ROAD DIST. NO. - ILLINOIS			CONTRACT NO. 66996	

BM #1 2"x2" WOODEN HUB, STA. 1+00 LT ELEV. 100.00
 BM #2 2"x2" WOODEN HUB, STA. 1±75 RT. ELEV. 102.19
 BM #3 RAILROAD SPIKE IN DEAD TREE, STA. 1±80 RT. ELEV. 101.68



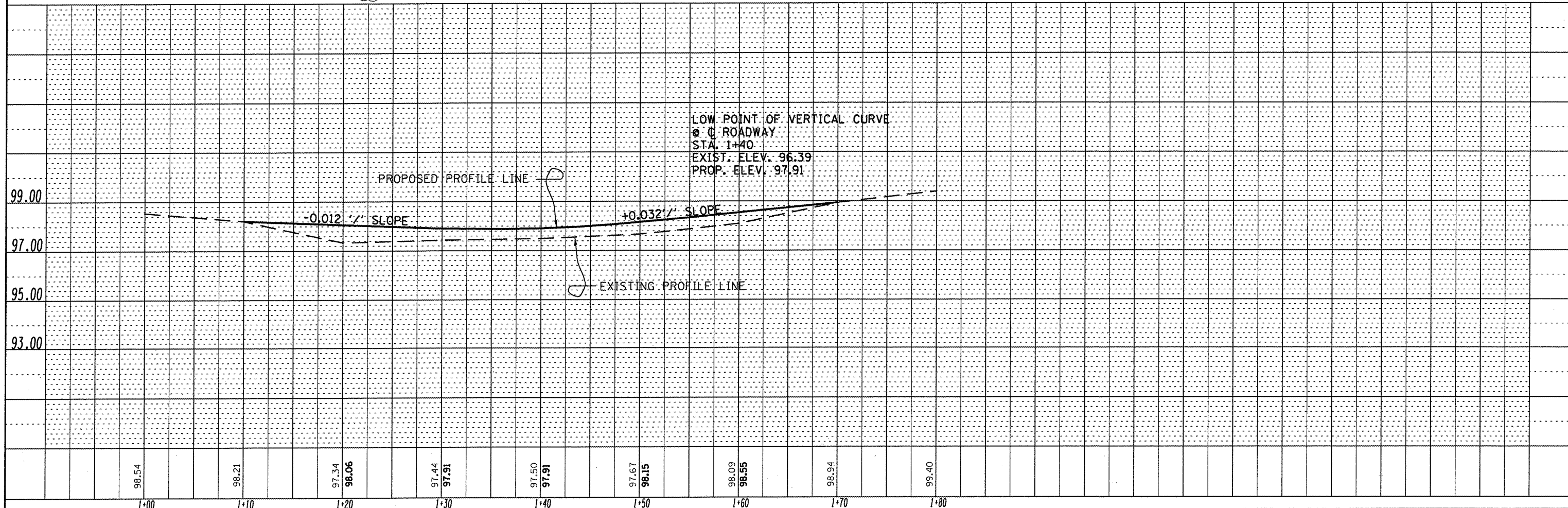
NOTE: PROPOSED RIPRAP SHALL CONFORM TO THE EXISTING EMBANKMENT CONTOUR (TYPICAL EACH CORNER)

STONE DUMPED RIPRAP, CLASS A4 W/FILTER FABRIC

STONE DUMPED RIPRAP, CLASS A4 W/FILTER FABRIC

DATE	
BY	
PLAN	
NO.	
DATE	
BY	
PROFILE	
NO.	

DATE	
BY	
PROFILE	
NO.	
DATE	
BY	
PLAN	
NO.	



LOW POINT OF VERTICAL CURVE
 @ C. ROADWAY
 STA. 1+40
 EXIST. ELEV. 96.39
 PROP. ELEV. 97.91

PROPOSED PROFILE LINE

EXISTING PROFILE LINE

-0.012'/' SLOPE

+0.032'/' SLOPE

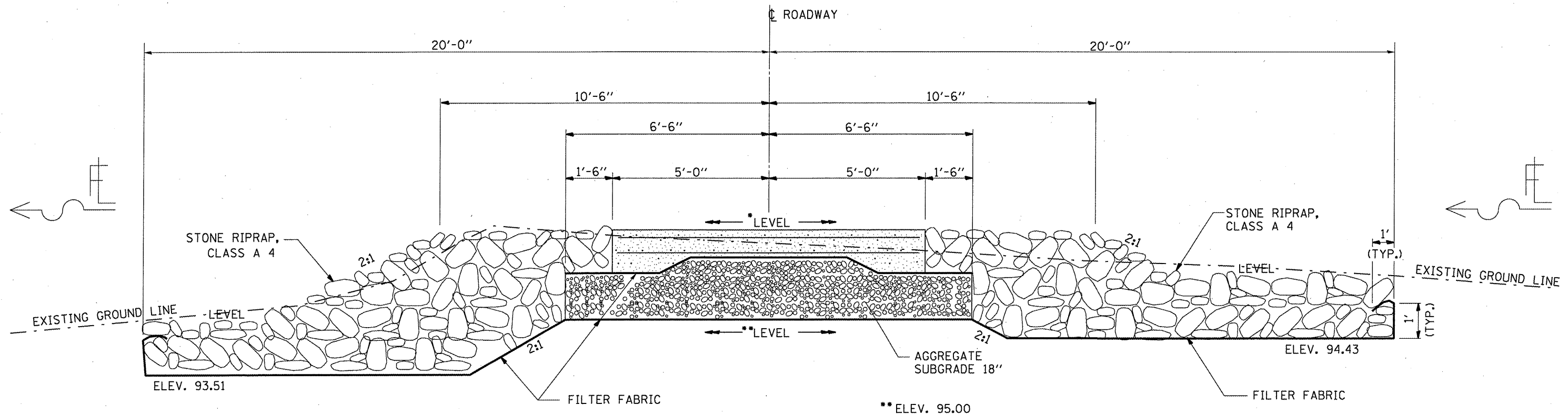
98.54	98.21	97.34	98.06	97.44	97.91	97.50	97.91	97.67	98.15	98.09	98.55	98.94	99.40
1+00	1+10	1+20	1+30	1+40	1+50	1+60	1+70	1+80					

FILE NAME =	USER NAME = woodshankr-1	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE LOW WATER CROSSING (B)	F.A.P. RTE. 326	SECTION (1111)-6	COUNTY GRUNDY	TOTAL SHEETS 10	SHEET NO. 8
CONTRACT NO. 66996	PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISD -			SCALE: _____	SHEET NO. 1 OF 1 SHEETS	STA. 1+00 TO STA. 1+80	FED. ROAD DIST. NO. - ILLINOIS	
PLOT DATE = Dec 01, 2009 - 07:30:39 AM	DATE -	REVISD -								

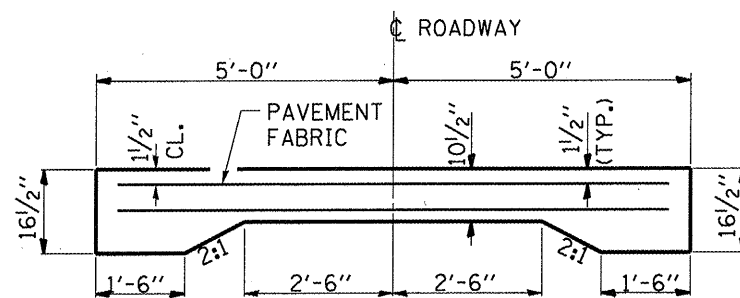
LT.
DOWNSTREAM

RT.
UPSTREAM

• ELEV. 97.88
STA. 1+37



**CROSS SECTION
STA. 1+30**



PAVEMENT DETAIL

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
EARTH EXCAVATION	CU YD	50
STONE RIPRAP, CLASS A4	SQ YD	210
FILTER FABRIC	SQ YD	387
PCC PAVEMENT 16 1/2" - 10 1/2" - 16 1/2"	SQ YD	67
PAVEMENT FABRIC	SQ YD	134
AGGREGATE SUBGRADE 18"	SQ YD	87

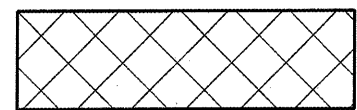
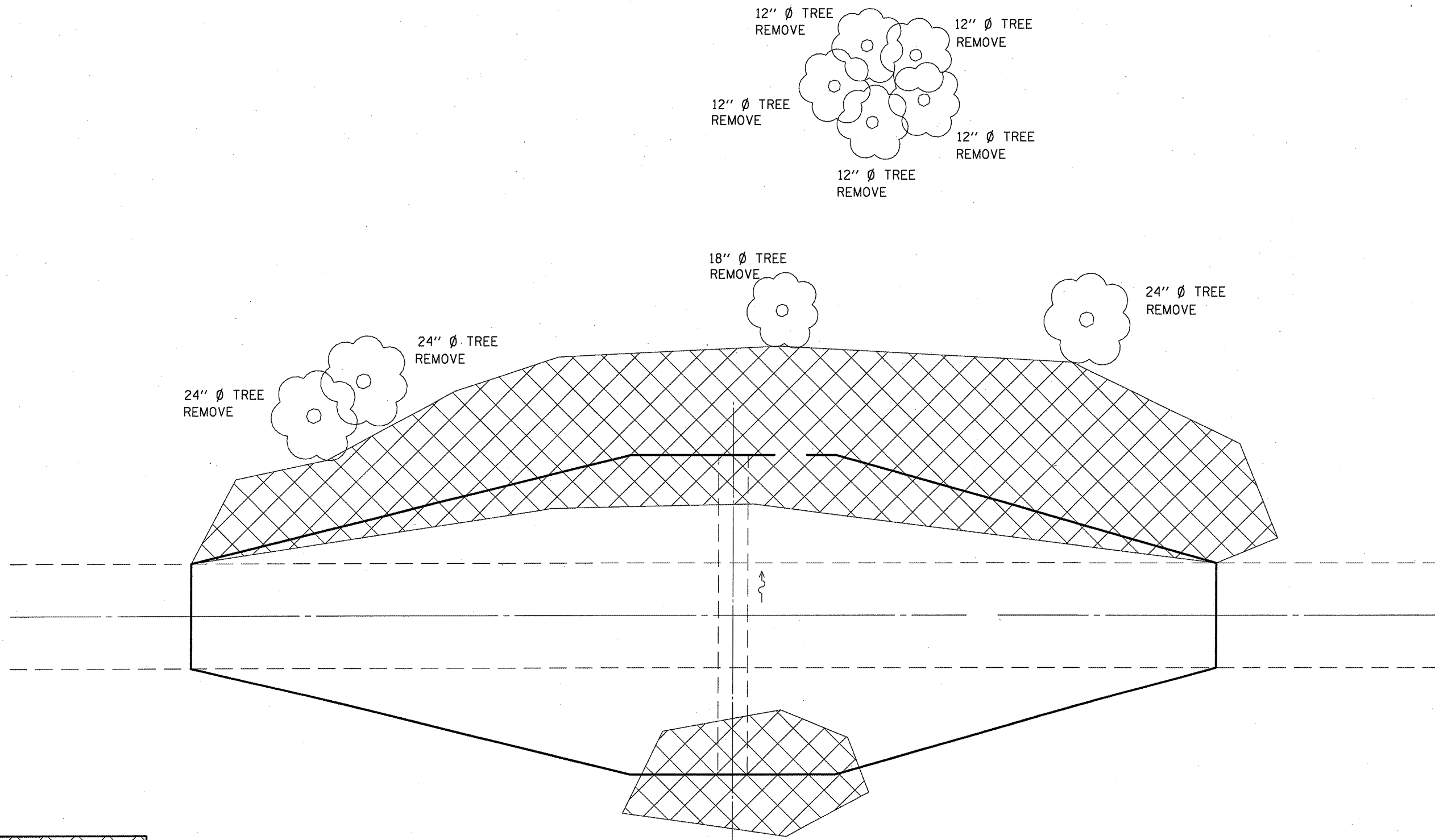
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOW WATER CROSSING (B)

SCALE: SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE. 326	SECTION (111)-6	COUNTY GRUNDY	TOTAL SHEETS 10	SHEET NO. 9
FED. ROAD DIST. NO. - ILLINOIS			CONTRACT NO. 66996	



DEBRIS REMOVAL

**PLAN
LOW WATER CROSSING (E)**

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
DEBRIS REMOVAL	L SUM	1

FILE NAME =	USER NAME = woodshankr1	DESIGNED - RON WOODSHANK	REVISED -
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PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISED -	REVISED -
PLOT DATE = Dec 01, 2009 - 07:59:40 AM	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOW WATER CROSSING (E)
SCALE: _____ SHEET NO. 1 OF 1 SHEETS

F.A.P. RTE. 326	SECTION (111)I-6	COUNTY GRUNDY	TOTAL SHEETS 10	SHEET NO. 10
FED. ROAD DIST. NO. - ILLINOIS			CONTRACT NO. 66996	