

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

**PROPOSED  
 HIGHWAY PLANS**

F.A.I. ROUTE 74 (I-74)  
 SECTION D-5 SCOUR MITIGATION 2009-1  
 VERMILION COUNTY

C-95-043-98

VARIOUS DISTRICT WIDE SCOUR MITIGATION

SECTION: D-5 SCOUR MITIGATION  
 S.N. 092-0003 (E.B.) &  
 S.N. 092-0004 (W.B.)  
 STATION 1630+00.00

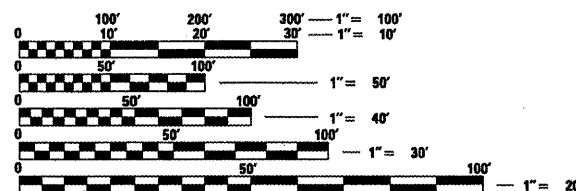
FOR INDEX OF SHEETS, SEE SHEET NO. 2  
 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

**CURRENT ADT/DESIGN ADT**

CURRENT ADT 24,100 (2005)

**DESIGN DESIGNATION**

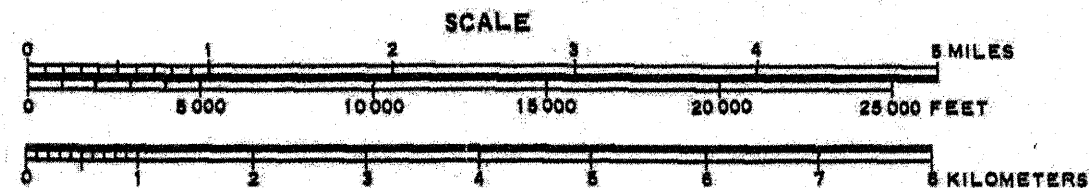
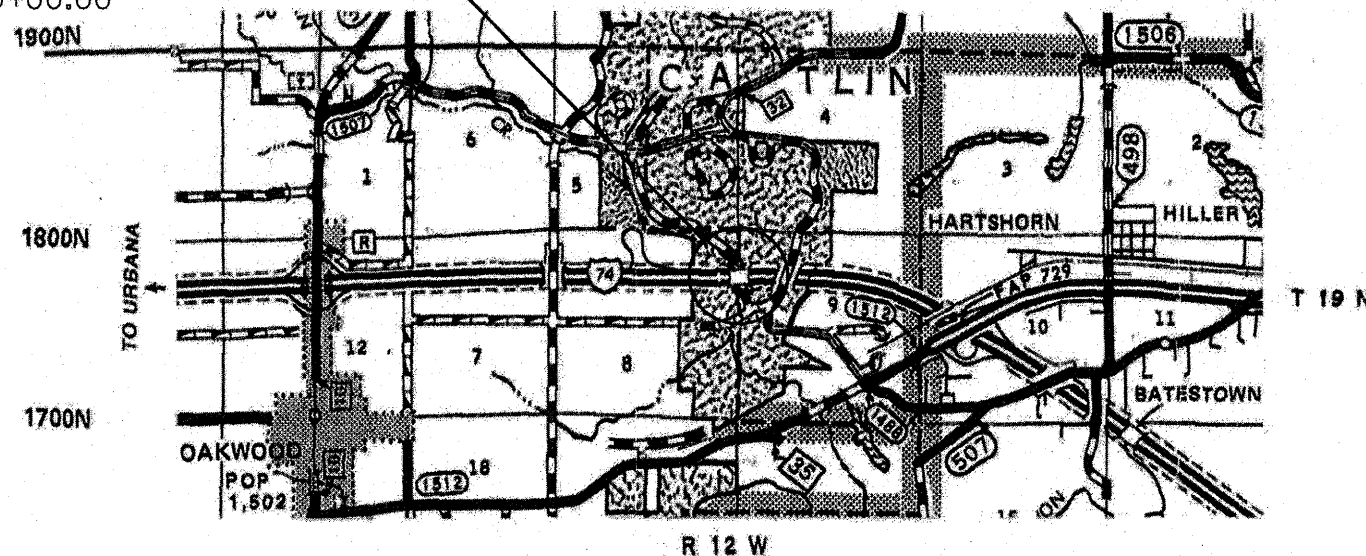
N/A



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123  
 OR 811

PROJECT ENGINEER: TIM BRANDENBURG  
 SQUAD LEADER: EURNIE GARVER  
 DESIGNER: BRIAN HOGAN  
 (217)465-4181  
 CONTRACT NO. 90945

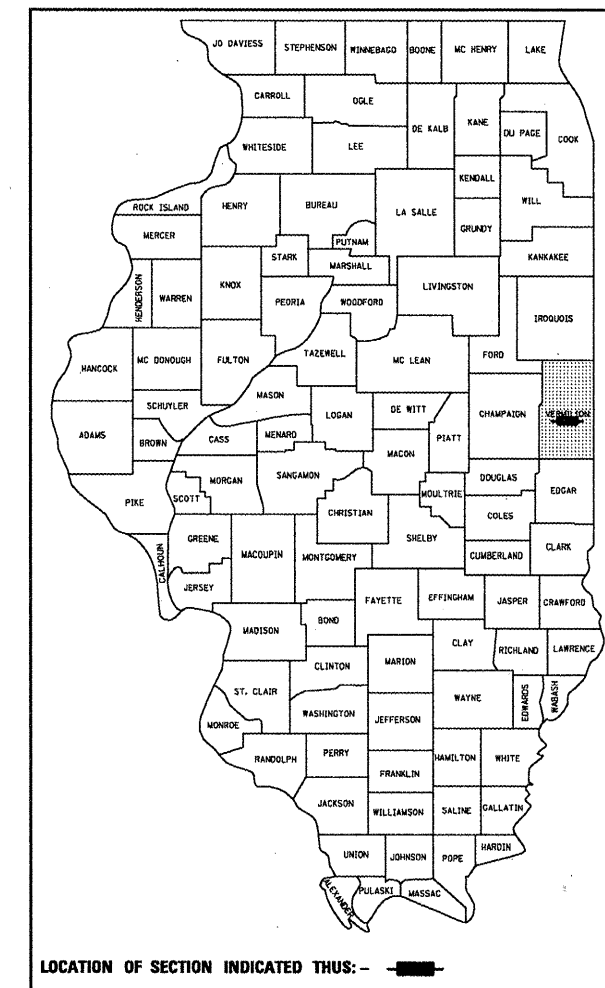


TOTAL LENGTH OF SECTION = N.A.  
 NET LENGTH OF SECTION = N.A.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VERMILION	12	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 90945		

\*D-5 SCOUR MITIGATION 2009-1

D-95-038-98



LOCATION OF SECTION INDICATED THUS: - [Symbol] -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED 7/1 20 09  
*Joselyn A. Brown*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

August 14, 20 09  
*Charles G. Ingersoll*  
 ENGINEER OF DESIGN AND ENVIRONMENT

August 14, 20 09  
*Christine M. Reed*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS**

## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF STANDARDS
3	GENERAL NOTES / COMMITMENTS
4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS WESTBOUND DRIVING SHOULDER
6-7	PLAN SHEET OF I-74
8	PLAN AND PROFILE OF STREAM
9-12	STREAM CROSS SECTIONS

## LIST OF HIGHWAY STANDARDS

STANDARD NO.	NAME OF STANDARD
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
483001-04	PCC SHOULDER
665001-02	WOVEN WIRE FENCE
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 m (15') AWAY
701400-03	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-05	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701901-01	TRAFFIC CONTROL DEVICES

\*D-5 SCOUR MITIGATION 2009-1

FILE NAME =	USER NAME = sjmsgm	DESIGNED - BH	REVISED - JDC - 4/30/09
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PLOT DATE = 6/30/2009		DATE - 01-22-2008	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

### INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS

SCALE: NA    SHEET NO. 1 OF 1 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VERMILION	12	2
CONTRACT NO. 90945				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

## GENERAL NOTES

G.N.-100  
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-105.09A  
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-201  
TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.

G.N.-281  
THE RIPRAP GRADATION SHALL BE IN ACCORDANCE WITH THE GRADATION SPECIFIED IN THE PLANS OR, WITH APPROVAL OF THE ENGINEER, A RIPRAP GRADATION MEETING A D50 GREATER THAN OR EQUAL TO 1.6 FEET FOR A7 RIPRAP. D50 IS DEFINED AS THE MEAN ROCK SIZE AS DESCRIBED IN THE FHWA HYDRAULIC ENGINEER CIRCULARS (HEC 11, HEC 14 AND HEC 15).

G.N.-281(SPECIAL)  
RIPRAP TONAGE WAS ESTIMATED USING THE FOLLOWING FORMULA  
CU. YD. RIPRAP X 1.5 TON/CY = ESTIMATED TONS

## COMMITMENTS

### NATIONAL PARK SERVICE (NPS)

IN COOPERATION WITH THE NATIONAL PARK SERVICE, THE INTENT OF THIS PROJECT IS TO PERFORM MAINTENANCE ACTIVITIES TO SUSTAIN SAFE OPERATION OF THIS INFRASTRUCTURE WHILE ALSO MAINTAINING THE INTEGRITY OF THE MIDDLE FORK VERMILION RIVER (MFVR) AS DESIGNATED A COMPONENT OF THE "WILD AND SCENIC RIVERS SYSTEM". IN COMPLYING WITH THIS INTENT IT IS DESIRED TO MINIMIZE THE AMOUNT OF VISIBLE RIPRAP WHILE ON THE (MFVR) AND FROM KICKAPOO STATE PARK. AS SUCH, RIPRAP ON THE WEST BANK HAS BEEN PLACED ONE FOOT BELOW PROPOSED GRADE TO ALLOW FOR THE PLACEMENT OF EXCAVATED MATERIAL. THE CONTACTOR IS ADVISED THAT COSTS ASSOCIATED WITH THIS PLACEMENT OF MATERIAL, ESTIMATED AT 375 CU.YD. SHALL BE INCLUDED WITH CHANNEL EXCAVATION.

NO IN-STREAM WORK IS PERMITTED BETWEEN APRIL 15 AND JUNE 30 OF ANY GIVEN YEAR TO PROTECT FISH SPAWNING ACTIVITY. ALL IN-STREAM WORK, INCLUDING WORK PAD INSTALLATION AND REMOVAL, MUST OCCUR BETWEEN AUGUST 1 AND NOVEMBER 1 DURING THE LOW FLOW PERIOD OF THE YEAR AND AS LOCAL CONDITIONS PERMIT DURING THIS TIME PERIOD.

### ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR)

IN COOPERATION WITH THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES, THE CONTACTOR SHALL SUPPLY AND DELIVER FIFTEEN (15) TREES AS SHOWN IN THE SUMMARY OF QUANTITIES TO THE SITE SUPERINTENDENT. THE SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR FOR PLANTING THE TREES THROUGHOUT KICKAPOO STATE PARK AS DESIRED.

CONTACT : ILLINOIS DEPARTMENT OF NATURAL RESOURCES  
JOHN HOTT  
10906 KICKAPOO PARK ROAD  
OAKWOOD, IL 61858  
(217)-442-4915

IN ADDITION, THE CONTRACTOR SHALL NOT UTILIZE PARK ROADS FOR ANY CONTRACTOR ACTIVITIES.

IF ANY CONTRACOR ACTIVITIES ADVERSELY AFFECT PARK ROADS OR SURROUNDING AREAS, THE CONTRACTOR SHALL ADDRESS AS DESCRIBED IN ARTICLE 107.20 "PROTECTION & RESTORATION OF PROPERTY". ANY AGREEMENTS OR NEGOTIATIONS MADE BY THE CONTRACTOR SHALL BE THEIR RESPONSIBILITY WITH NO OBLIGATIONS OR ADDITIONAL COST TO THE DEPARTMENT OF TRANSPORTATION.

\*D-5 SCOUR MITIGATION 2009-1

FILE NAME =	USER NAME = smsgm	DESIGNED - BH	REVISED - JDC - 4/30/09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES / COMMITMENTS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 6/30/2009	DATE - 01-22-2008	REVISED -			SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

## SUMMARY OF QUANTITIES

VERMILION COUNTY  
RURAL  
MULTILANE  
100% STATE  
MINOR  
STRUCTURE  
REPAIR  
**I-74**  
SFTY-2A  
S.N. 092-0003  
S.N. 092-0004

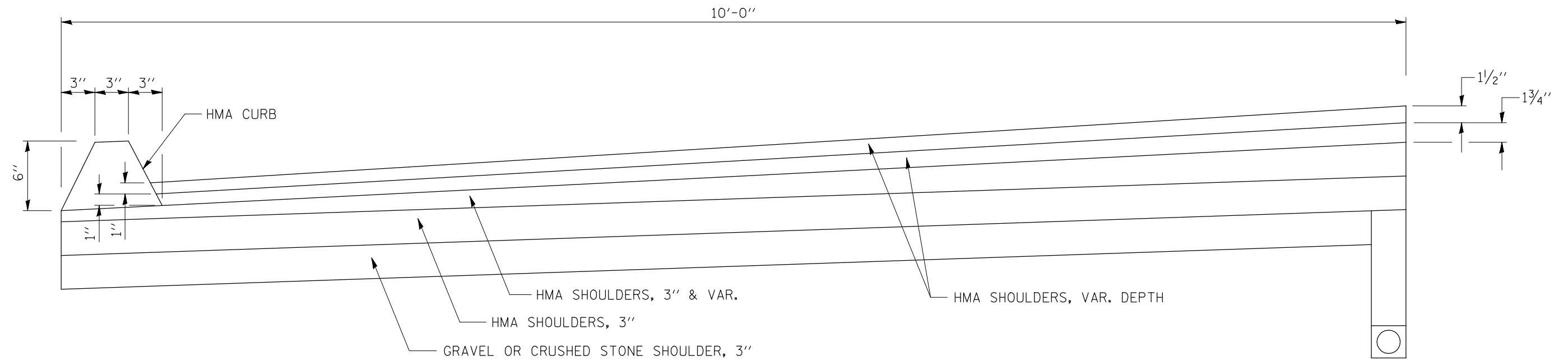
CODE NO	ITEM	UNIT	TOTAL QUANTITY
A2006416	TREE, QUERCUS ALBA (WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5.0
A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5.0
A2007116	TREE, QUERCUS RUBRA (RED OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	5.0
20100500	TREE REMOVAL, ACRES	ACRE	0.3
20300100	CHANNEL EXCAVATION	CU YD	2453.0
25000310	SEEDING, CLASS 4	ACRE	0.3
25100115	MULCH, METHOD 2	ACRE	0.3
28100713	STONE DUMPED RIPRAP, CLASS A7	SQ YD	4008.0
44000300	CURB REMOVAL	FOOT	100.0
44004250	PAVED SHOULDER REMOVAL	SQ YD	111.1
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SQ YD	111.1
48301000	PROTECTIVE COAT	SQ YD	111.1
63300205	REMOVAL AND REINSTALLATION OF EXISTING STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	100.0
66201120	CONCRETE SHOULDER CURB	FOOT	100.0
66500105	WOVEN WIRE FENCE, 4'	FOOT	84.0
66501600	WOVEN WIRE GATES, 4' X 16' DOUBLE	EACH	1.0
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	100.0
67100100	MOBILIZATION	L SUM	1.0
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0

NO SPECIALTY ITEMS

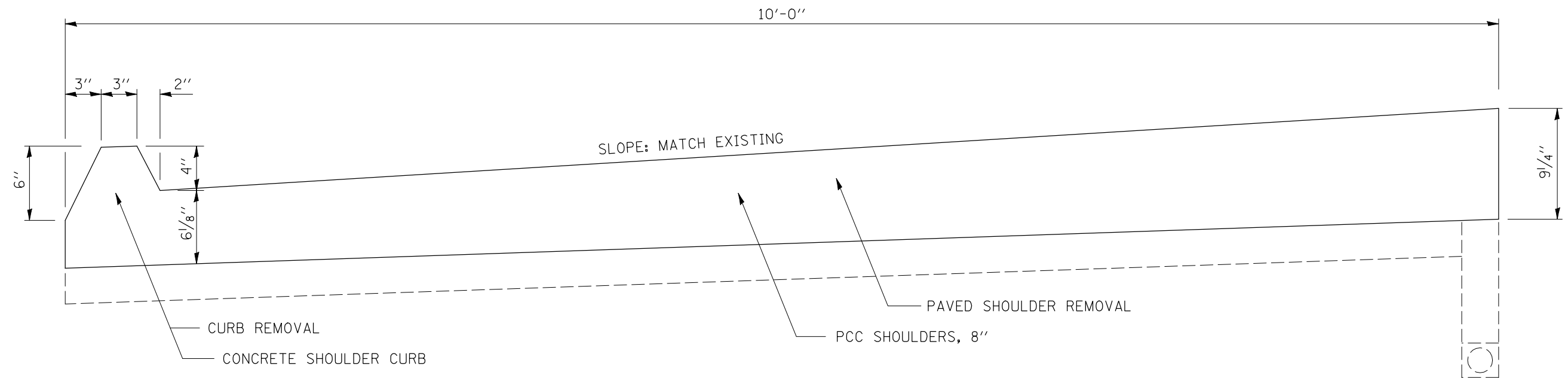
\*D-5 SCOUR MITIGATION 2009-1

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	DATE - 01-22-2008	REVISED -					TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

**EXISTING TYPICAL SECTION WESTBOUND DRIVING SHOULDER  
STA 1626+00 TO STA 1627+00**



**PROPOSED TYPICAL SECTION WESTBOUND DRIVING SHOULDER  
STA 1626+00 TO STA 1627+00**



\*D-5 SCOUR MITIGATION 2009-1

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS WESTBOUND DRIVING SHOULDER**

SCALE: NA      SHEET NO. 1 OF 1 SHEETS      STA.      TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VERMILION	12	5
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 90945	

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

**NOTES:**

PCC SHOULDERS 8" SHALL BE CONSTRUCTED AFTER ALL RIPRAP IS IN PLACE.

PCC SHOULDERS 8" SHALL BE CONSTRUCTED ONLY IF HMA SHOULDER IS DAMAGED FROM CONSTRUCTION OPERATIONS. THIS DETERMINATION WILL BE MADE BY THE ENGINEER.

REMOVE CURB (H.M.A.)  
REPLACE WITH CONCRETE SHOULDER CURB  
(TO BE POURED MONOLITHIC WITH PCC  
SHOULDERS 8"; SEE ART. 662.03)  
(SEE DETAIL ON SHEET 5)

REMOVE PAVED SHOULDER 8" (H.M.A.)  
REPLACE WITH PCC SHOULDERS 8"  
(SEE DETAIL ON SHEET 5 & STANDARD 483001)

REMOVE & REINSTALL EXISTING  
STEEL PLATE BEAM GUARDRAIL, TYPE 4

SUGGEST  
CONTRACT  
WORKING

SUGGESTED CONTRACTOR ACCESS  
(LOCATION APPROXIMATE ADJUST  
AS NECESSARY)

±200'

100'

STATION EQUATION:  
STATION 1625+83.44 BK =  
STATION 1626+00.00 AH



F.A.I. ROUTE 74  
(WESTBOUND)

CL F.A.I. ROUTE 74



F.A.I. ROUTE 74  
(EASTBOUND)

1621

1622

1623

1624

1625+00

1626

1627

**SUGGESTED CONTRACTOR ACCESS:**

CONTRACTOR SHALL ACCESS SN 092-0003 & SN 092-0004 FROM FAI-74 WESTBOUND. SEE PLAN SHEETS FOR DETAILS OF GUARDRAIL REMOVAL, WOVEN WIRE FENCE REMOVAL AND TREE REMOVAL TO CREATE A WORKING AREA FOR EQUIPMENT MOBILIZATION AND MATERIAL DELIVERIES. APPLICABLE TRAFFIC CONTROL HIGHWAY STANDARDS HAVE BEEN INCLUDED IN THE CONTRACT DOCUMENTS.

FOR ESTIMATION / CONSTRUCTION PURPOSES, IT IS ANTICIPATED THIS ACCESS ROAD WILL BE AN APPROXIMATE 31% GRADE (3.2:1 SLOPE) REQUIRING APPROXIMATELY 550 CU. YD. OF EXISTING EARTH TO BE RELOCATED.

THE ACCESS ROAD SHALL REMAIN AS CONSTRUCTED PER DIRECTION OF THE ENGINEER FOR FUTURE MAINTENANCE AND INSPECTION PURPOSES.

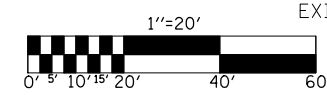
±170'

±200'

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE

EXISTING R.O.W. LINE



\*D-5 SCOUR MITIGATION 2009-1

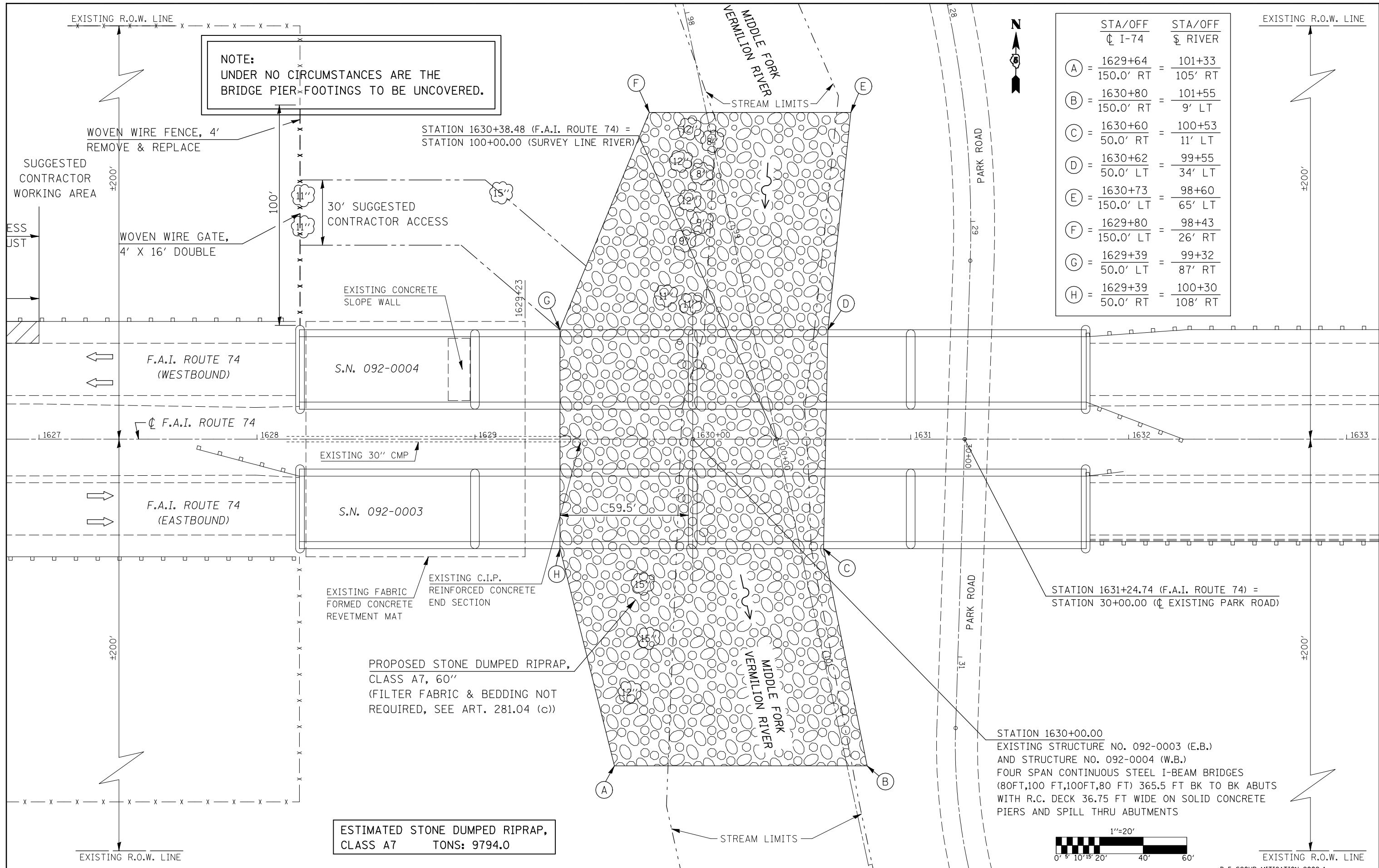
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET I-74**

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. 1621+00 TO STA. 1627+00

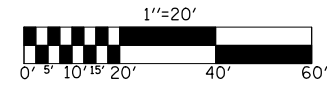
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VAR.	*	VERMILION	12	6
		CONTRACT NO. 90945		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**NOTE:**  
 UNDER NO CIRCUMSTANCES ARE THE  
 BRIDGE PIER FOOTINGS TO BE UNCOVERED.

STA/OFF	STA/OFF
☉ I-74	☉ RIVER
(A) = 1629+64	= 101+33
150.0' RT	= 105' RT
(B) = 1630+80	= 101+55
150.0' RT	= 9' LT
(C) = 1630+60	= 100+53
50.0' RT	= 11' LT
(D) = 1630+62	= 99+55
50.0' LT	= 34' LT
(E) = 1630+73	= 98+60
150.0' LT	= 65' LT
(F) = 1629+80	= 98+43
150.0' LT	= 26' RT
(G) = 1629+39	= 99+32
50.0' LT	= 87' RT
(H) = 1629+39	= 100+30
50.0' RT	= 108' RT

ESTIMATED STONE DUMPED RIPRAP,  
 CLASS A7 TONS: 9794.0



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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET I-74**

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. 1627+00 TO STA. 1633+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	.	VERMILION	12	7
		CONTRACT NO. 90945		
		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

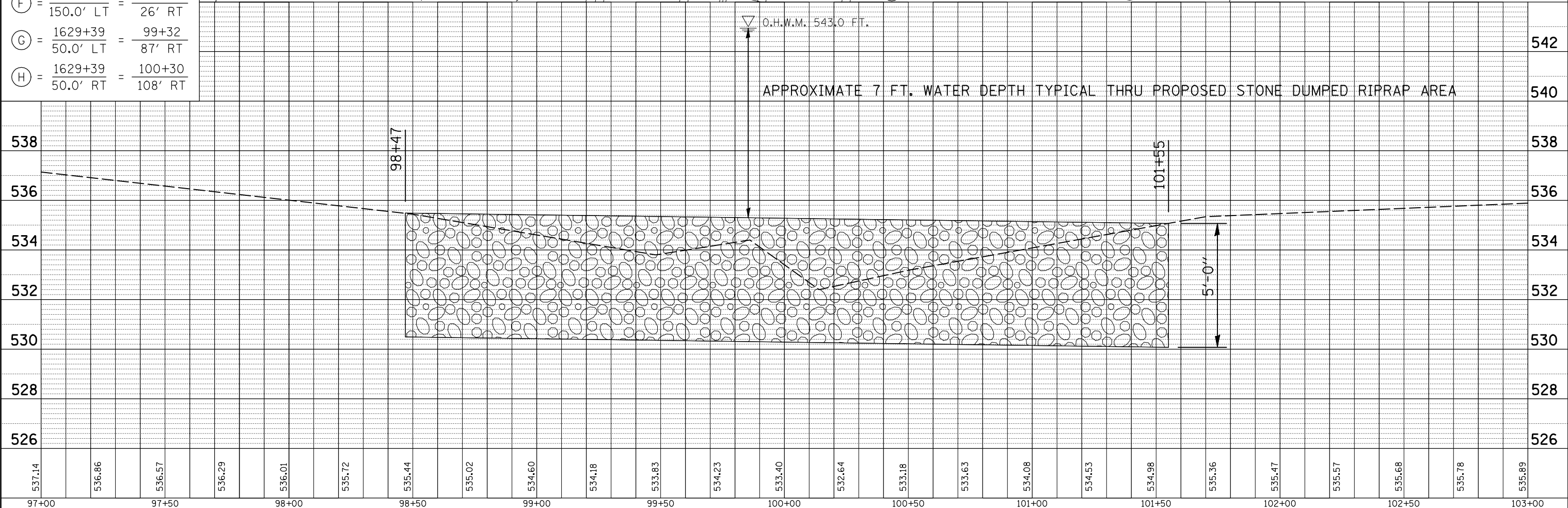
\*D-5 SCOUR MITIGATION 2009-1

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	ALIGNED	
	CAD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIS	
	CHRD	

STA/OFF	STA/OFF
☐ I-74	☐ RIVER
(A) = 1629+64	= 101+33
= 150.0' RT	= 105' RT
(B) = 1630+80	= 101+55
= 150.0' RT	= 9' LT
(C) = 1630+60	= 100+53
= 50.0' RT	= 11' LT
(D) = 1630+62	= 99+55
= 50.0' LT	= 34' LT
(E) = 1630+73	= 98+60
= 150.0' LT	= 65' LT
(F) = 1629+80	= 98+43
= 150.0' LT	= 26' RT
(G) = 1629+39	= 99+32
= 50.0' LT	= 87' RT
(H) = 1629+39	= 100+30
= 50.0' RT	= 108' RT

STATION 100+00.00 (SURVEY LINE RIVER) =  
STATION 1630+38.48 (F.A.I. ROUTE 74)

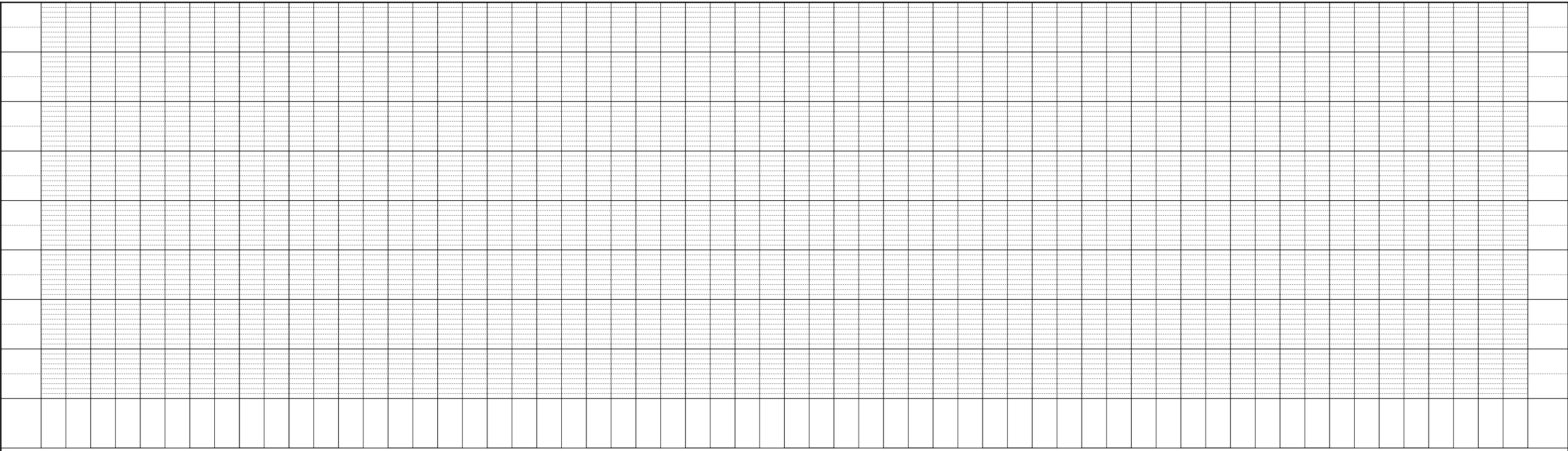


97+00	97+50	98+00	98+50	99+00	99+50	100+00	100+50	101+00	101+50	102+00	102+50	103+00												
537.14	536.86	536.57	536.29	536.01	535.72	535.44	535.02	534.60	534.18	533.83	534.23	533.40	532.64	533.18	533.63	534.08	534.53	534.98	535.36	535.47	535.57	535.68	535.78	535.89

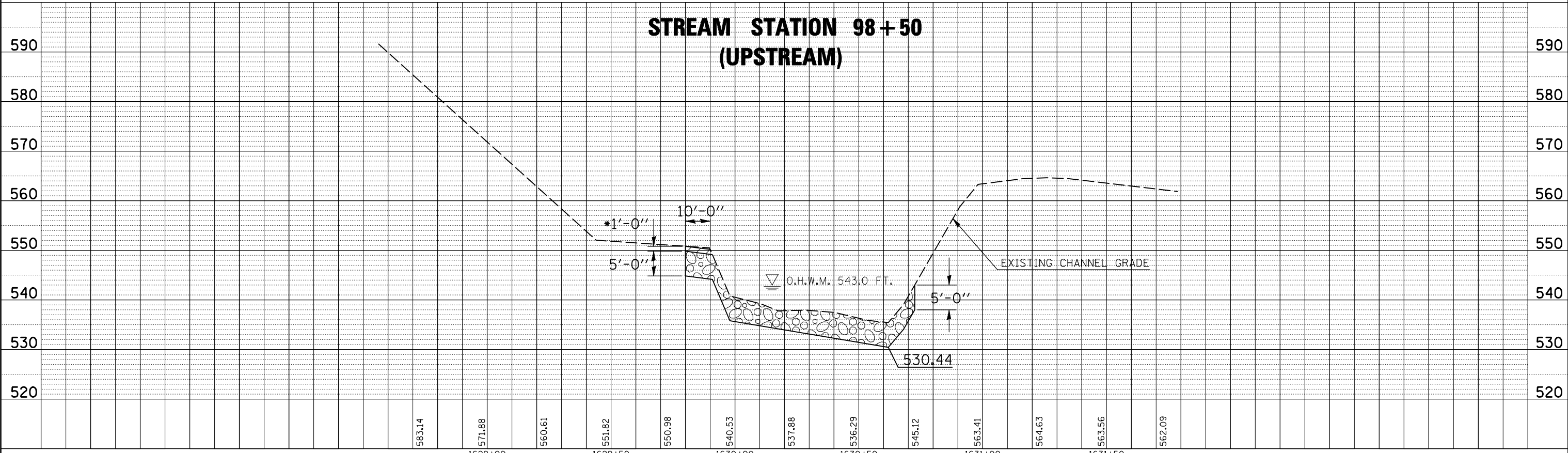


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	PLOTTED		
	CHECKED		
	AT		
	NO.		
	CAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	AT		
	NO.		
	STRUCTURE NOTATION		



\* SEE COMMITMENTS. COSTS ASSOCIATED WITH THIS PLACEMENT OF EXCAVATED MATERIAL, ESTIMATED AT 375 CU.YD. INCLUDED WITH CHANNEL EXCAVATION.



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 PLOT DATE = 6/30/2009

DESIGNED - BH  
 DRAWN - JC/JP  
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 DATE - 01-11-2008

REVISIONS  
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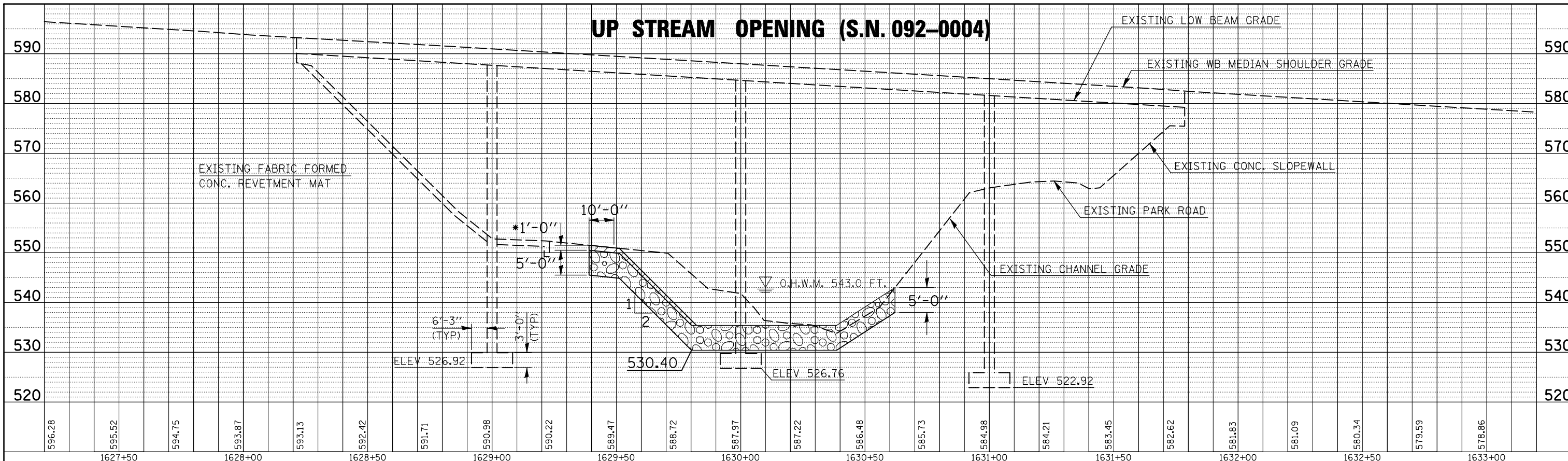
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**STREAM CROSS SECTIONS**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VERMILION	12	9
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 90945	

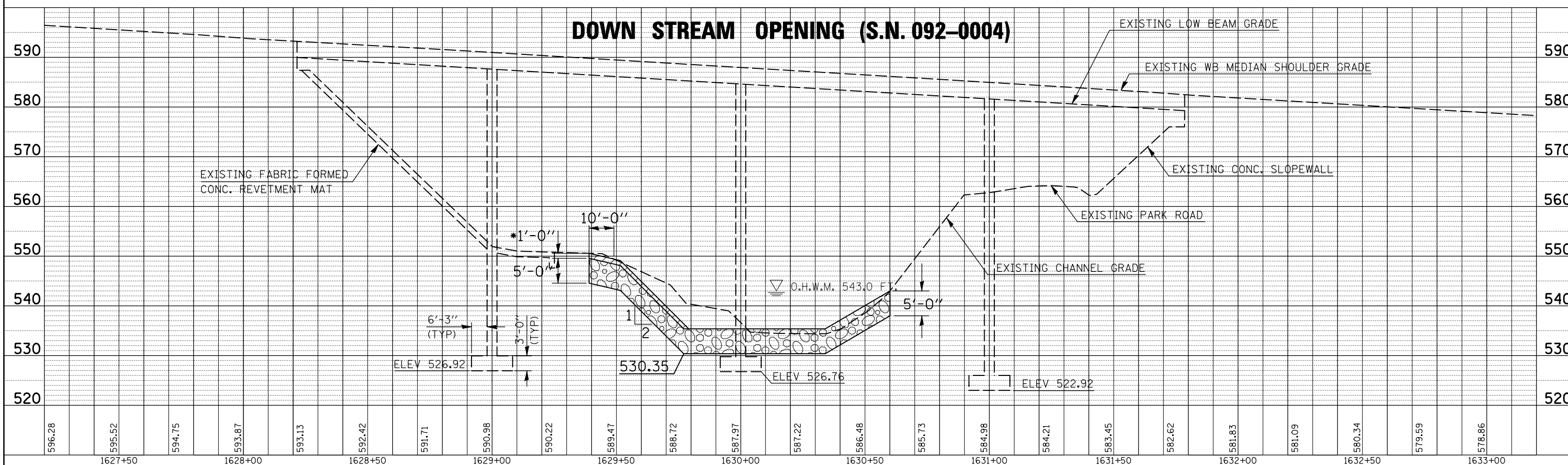
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	PLOTTED	
	CHECKED	
	BY	
	NO.	



\* SEE COMMITMENTS. COSTS ASSOCIATED WITH THIS PLACEMENT OF EXCAVATED MATERIAL, ESTIMATED AT 375 CU.YD. INCLUDED WITH CHANNEL EXCAVATION.

# S.N. 092-0004

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



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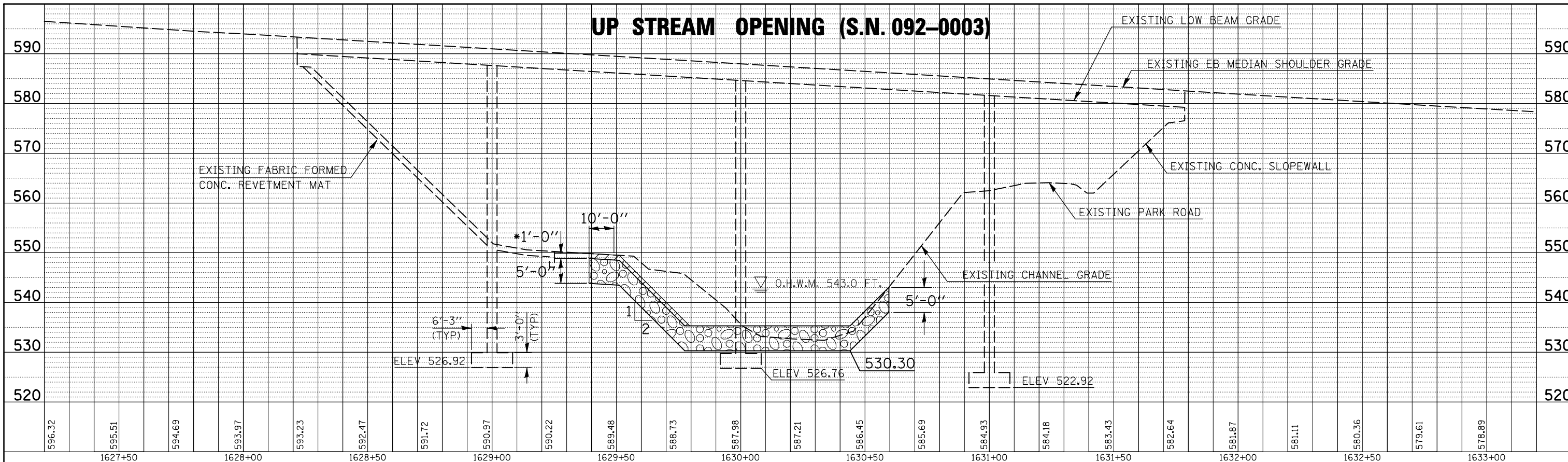
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

## STREAM CROSS SECTIONS

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VERMILION	12	10
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 90945

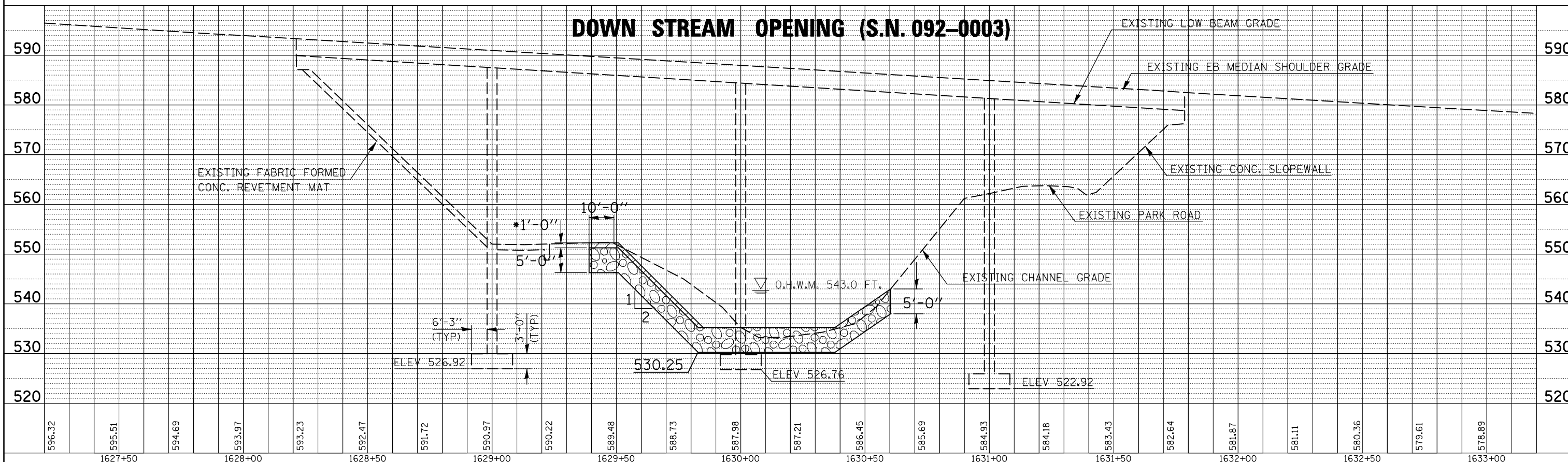
PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	AT	
	BY	
	NO.	
	FILE NAME	



\* SEE COMMITMENTS. COSTS ASSOCIATED WITH THIS PLACEMENT OF EXCAVATED MATERIAL, ESTIMATED AT 375 CU.YD. INCLUDED WITH CHANNEL EXCAVATION.

# S.N. 092-0003

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	AT	
	BY	
	NO.	
	FILE NAME	



FILE NAME =	USER NAME = simsgm	DESIGNED - BH	REVISED - JDC - 4/30/09
ct:\pwork\PWIDOT\SIMSGM\10117763\90945	plan sheets.dgn	DRAWN - JC/JP	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 6/30/2009	DATE - 01-11-2008	REVISED -

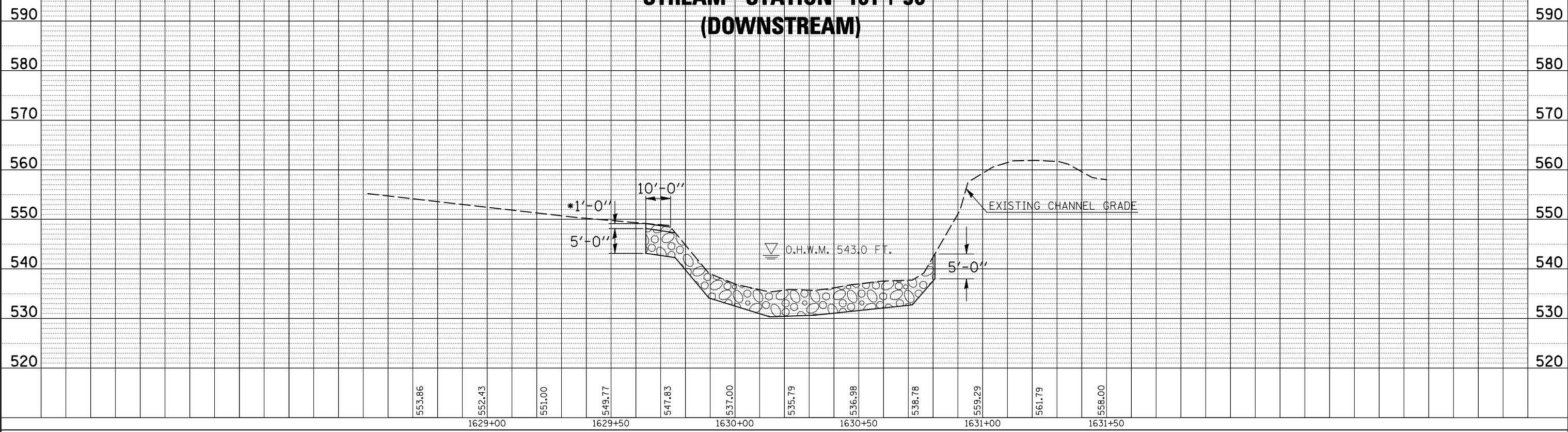
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

## STREAM CROSS SECTIONS

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	VERMILION	12	11
CONTRACT NO. 90945				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# STREAM STATION 101+50 (DOWNSTREAM)



\* SEE COMMITMENTS. COSTS ASSOCIATED WITH THIS PLACEMENT OF EXCAVATED MATERIAL, ESTIMATED AT 375 CU.YD. INCLUDED WITH CHANNEL EXCAVATION.

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

FILE NAME =	USER NAME = smsgm	DESIGNED - BH	REVISED - JDC - 4/30/09
ct:\pw\work\PWIDOT\SIMSGMI\d0117763\90945	plan sheets.dgn	DRAWN - JC/JP	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 6/30/2009	DATE - 01-11-2008	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## STREAM CROSS SECTIONS

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	•	VERMILION	12	12
CONTRACT NO. 90945				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				