

PROJECT ENGINEER - REBECCA MARRUFFO

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- 780001-02 TYPICAL PAVEMENT MARKINGS

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

CONSULTANT (INLET)- BEN NEBEL
 HUTCHISON ENGINEERING (217/245-7164)

OXFORD TOWNSHIP, SECTIONS 9,10,15,16
 CONTRACT NO. 64D13

FAS ROUTE 1188 (US 150) SECTION 118T HENRY COUNTY

SQUAD LEADER - JASON FORD (815)284-5942

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

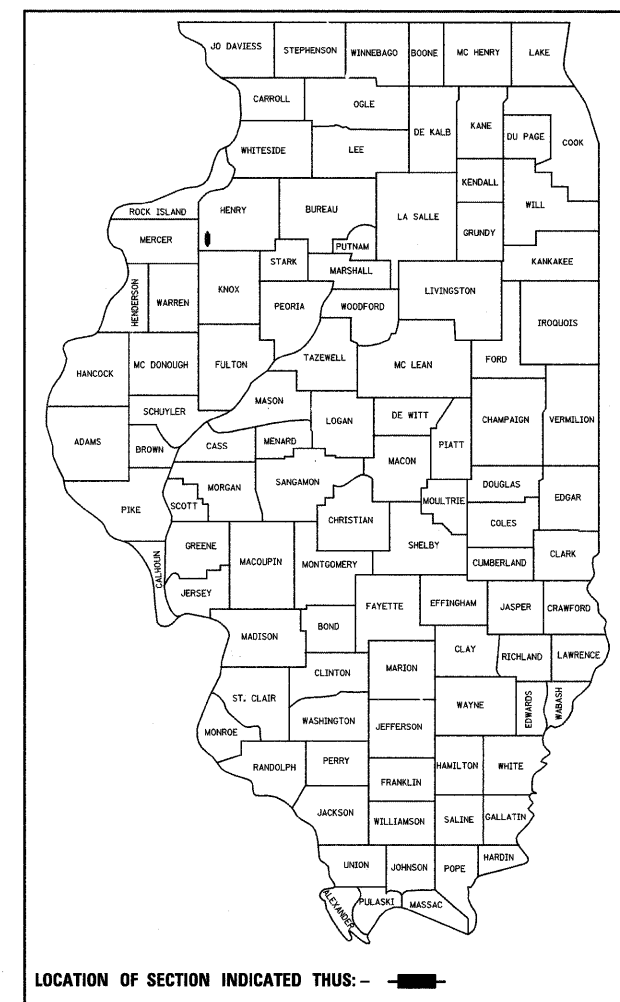
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

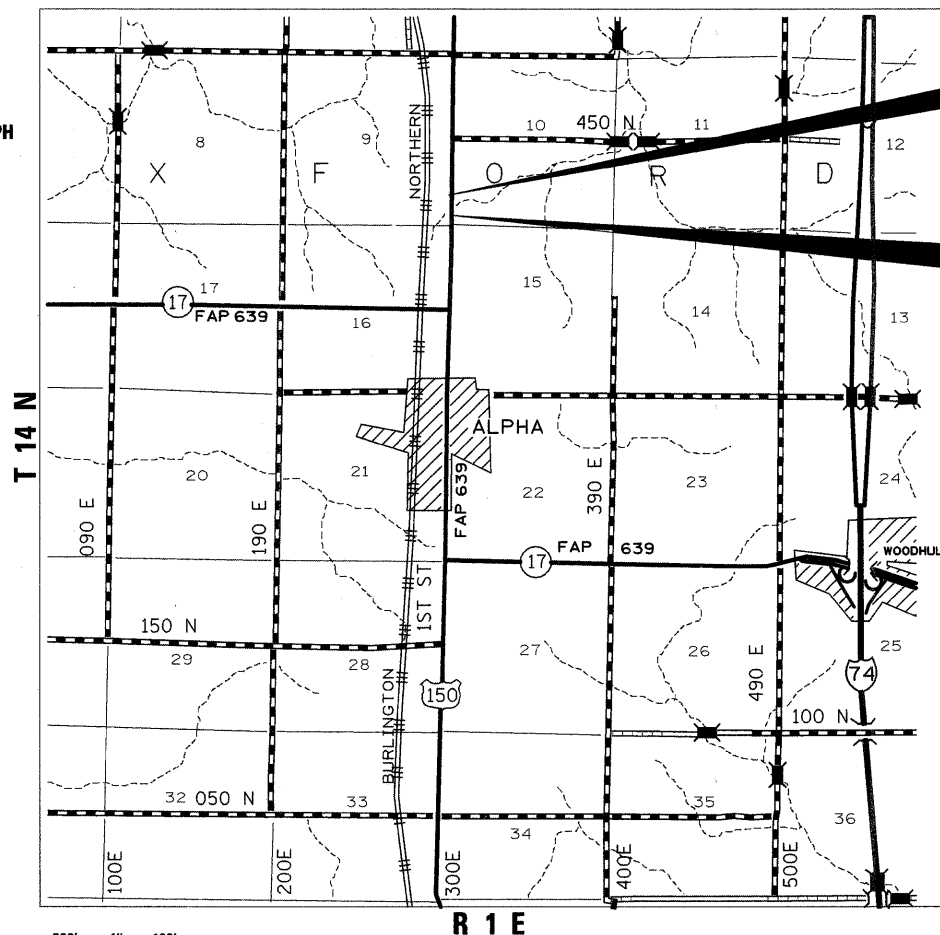
FAS ROUTE 1188 (US 150)
 SECTION 118T
 PROJECT ACRS-1188(103)
 HENRY COUNTY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1188	118T	Henry	52	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 64D13		

D-92-053-07



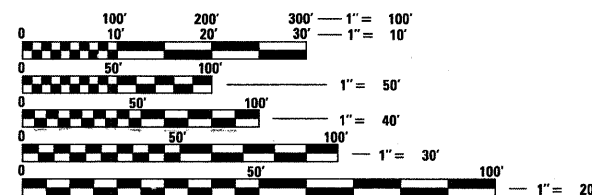
C-92-072-09



**IMPROVEMENT BEGINS
STA. 780 + 00**

INCLUDES THE PARTIAL REMOVAL
AND FILLING OF THREE EXISTING
CULVERTS AND INSTALLATION OF A
60" JACKED RCCP CULVERT
EXISTING SN: 037-1178

**IMPROVEMENT ENDS
STA. 796 + 00**



Location Map

GROSS LENGTH = 1600 FT. = 0.303 MILES
 NET LENGTH = 1600 FT. = 0.303 MILE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 3/16 2009

George E. Reed
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8, 20 09
Charles G. Ingersoll
 ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 20 09
Christine M. Reed
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

Summary of Quantities

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	Fed 80% State 20% Y007
20100110	Tree Removal (6 to 15 diameter units)	Unit	47	47
20100210	Tree Removal (Over 15 diameter units)	Unit	547	547
20100500	Tree Removal, Acres	Acre	1.25	1.25
20200100	Earth Excavation	Cu. Yd.	12871	12871
20201200	Removal and Disposal of Unsuitable Material	Cu. Yd.	50	50
21301052	Exploration Trench 52" Depth	Foot	200	200
25000210	Seeding Class 2A	Acre	2.25	2.25
25000310	Seeding Class 4	Acre	2.25	2.25
25000400	Nitrogen Fertilizer Nutrient	Pound	410	410
25000500	Phosphous Fertilizer Nutrient	Pound	410	410
25000600	Potassium Fertilizer Nutrient	Pound	410	410
25000750	Mowing	Acre	2.5	2.5
25100115	Mulch Method 2	Acre	4.50	4.50
25100900	Turf Reinforcement Mat	Sq. Yd.	8051	8051
28000250	Temporary Erosion Control Seeding	Pound	1000	1000
28000300	Temporary Ditch Checks	Each	94	94
28000500	Inlet and Pipe Protection	Each	2	2
28100107	Stone Riprap, Class A4	Sq. Yd.	65	65
28200200	Filter Fabric	Sq. Yd.	65	65
35102000	Aggregate Base Course, Type B 8"	Sq. Yd.	212	212
40603310	Hot-Mix Asphalt, Surface Course, Mix "C" N50	Ton	71.6	71.6
44004000	Paved Ditch Removal	Foot	121	121
48102100	Aggregate Wedge Shoulder, Type B	Ton	134	134
48203021	Hot-Mix Asphalt Shoulders, 6"	Sq. Yd.	644	644
50104400	Concrete Headwall Removal	Each	2	2
50105200	Remove Existing Culverts	EACh	1	1
51500100	Name Plates	Each	1	1
54213450	End Sections 15"	Each	2	2
54215460	Cast-In-Place Reinforced Concrete End Sections	Each	1	1
542D0220	Pipe Culverts, Class D, Type 115"	Foot	46	46

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	Fed 80% State 20% Y007
542JA060	Pipe Culverts, Class A 60" (Jacked)	Foot	136	136
60246540	Inlet Box, Special	Each	1	1
61133100	Field Tile Junction Vaults, 2' Dia.	Each	4	4
61140000	Storm Sewer, Special 8"	Foot	200	200
61140100	Storm Sewer, Special 10"	Foot	200	200
61140200	Storm Sewer, Special 12"	Foot	200	200
63200310	Guardrail Removal	Foot	1526	1526
63500105	Delineators	Each	2	2
66600105	Furnishing and Erecting Right-of-Way Markers	Each	21	21
66700305	Permanent Survey Markers, Type II	Each	2	2
67000400	Engineer's Field Office, Type A	Cal Mo.	6	6
67100100	Mobilization	L SWM	1	1
70100450	Traffic Control and Protection, Standard 701201	L Sum	1	1
70100460	Traffic Control and Protection, Standard 701306	L Sum	1	1
78001110	Paint Pavement Marking - Line 4"	Foot	6525	6525
A2006514	Tree, Quercus Bicolor (Swamp White Oak), 1-3/4" Caliper, Balled and Burlapped	Each	20	20
A2006714	Tree, Quercus Macrocarpa (Bur Oak), 1-3/4" Caliper, Balled and Burlapped	Each	24	24
A2007814	Tree, Tilia Americana (American Linden/Basswood), 1-3/4" Caliper, Balled and Burlapped	Each	20	20
C2001548	Shrub, Cornus Racemosa (Grey Dogwood), 4' Height, Balled and Burlapped	Each	25	25
C2001948	Shrub, Cornus Sericea Baileyi (Bailey Redosier Dogwood), 4' Height, Balled and Burlapped	Each	25	25
C2012848	Shrub, Viburnum Triobum (American Cranberry Viburnum), 4' Height, Balled and Burlapped	Each	25	25
Z0013798	Construction Layout	L Sum	1	1
Z0023600	Filling Existing Culverts	Each	3	3
Z0032900	Land Section Markers	Each	1	1
X5010205	REMOVAL OF EXISTING STRUCTURE, SPECIAL	Each	4	4

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● NON-PARTICIPATING 100% STATE

* Specialty Item

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 118 (US 150)	118T	Henry		3
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64D13				

See cross sections for special ditches and backslopes.

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

The drop off that occurs at entrance edges as a result of resurfacing of the entrance shall be corrected using aggregate shoulder material. This work shall be paid for by the TON for Aggregate Shoulders of the type specified in the plans.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Top Shoulder	Bottom Shoulder
PG:	58-22	58-22
Design Air Voids	3 @ N50	2 @ N50
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	BAM
Friction Aggregate	C	N/A
20 Year ESAL	N/A	N/A
Mix Unit Rate	112 lbs/sy/in	

To help avoid excess drop offs at the edge of pavement, the existing aggregate wedge or shoulder is to be pulled up and rolled to match the edge of pavement before placing any bituminous material. All costs associated with pulling up the shoulders shall be considered included in the contract unit price per TON for HOT-MIX ASPHALT SURFACE COURSE of the type specified.

This structure will retain the same number 037-1178.

Culvert & bridge flows must be maintained throughout the project. Normal flow shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

The proposed pipes for entrances and side roads shall be placed in line with the existing or proposed ditch line.

Connecting bands for corrugated metal pipes shall be metal and shall be coated with the same material as the pipe sections. The connecting bands shall be a minimum of 18" wide.

Where field tile is encountered, storm sewer or pipe drain will be used in accordance with Section 611. The minimum size for replacement will be 150 mm (6") for Pipe Drains and 200 mm (8") for Storm Sewer, but the size must be at least 50 mm (2") larger than the adjoining tile. A Field Tile Junction Vault will be constructed at the right of way to connect the tile and storm sewer. See the Summary of Quantities for the estimated quantities.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted.

Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 2.4 m (8 feet) high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 200 mm (8"), not 180 mm (7") as shown in the detail of Typical Lane and Edge Lines.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1.6 Km (1 mile) or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 2 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2. The bottom of the marker shall be 5'-0" below the ground surface.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal and vertical coordinates must be derived by GPS and the elevation derived by a closed level circuit. The Engineer shall submit this information to the Survey Crew.

Tree planting layout shall be performed by the District Landscape Architect. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

Aggregate Base Course, Type B, is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

Right-of-way markers will be erected with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be erected 300 mm (12 inches) inside the new right-of-way line.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Ameren IP
Frontier/Citizens
Mediacom

MidAmerican Energy Co.
Woodhull Community Telephone Co.
Lightcore

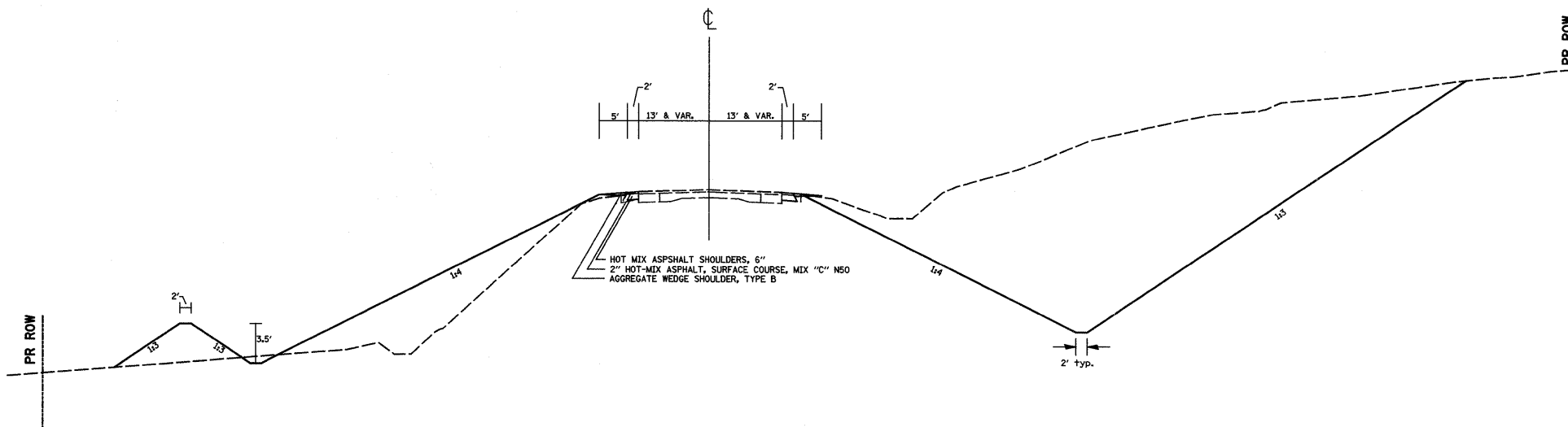
The applicable portions of Article 105.07 of the Standard Specification shall apply except for the following: The Contractor shall be responsible to locate the vertical depths of the underground utilities which may interfere with construction operations. This work will not be measured or paid for separately, but shall be considered as included in the unit bid price for the item of construction involved.

Per SB 699 (90 day utility relocation law), once right-of-way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Letting Date + 135 days.

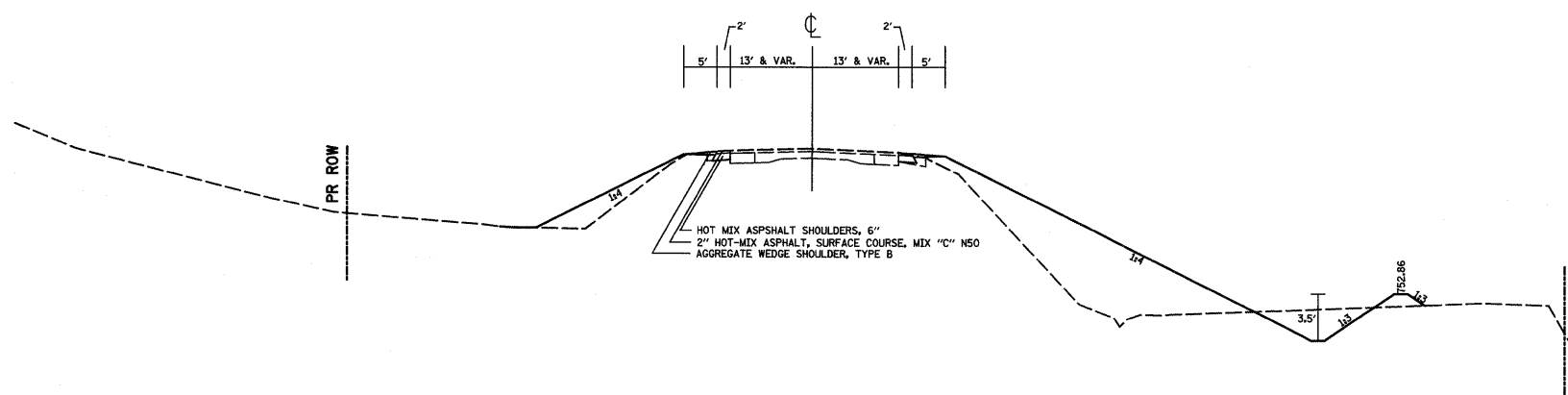
CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

TYPICALS

US150
787+00 - 789+50



US150
785+50
791+50 - 793+00



US150
790+00 - 791+00

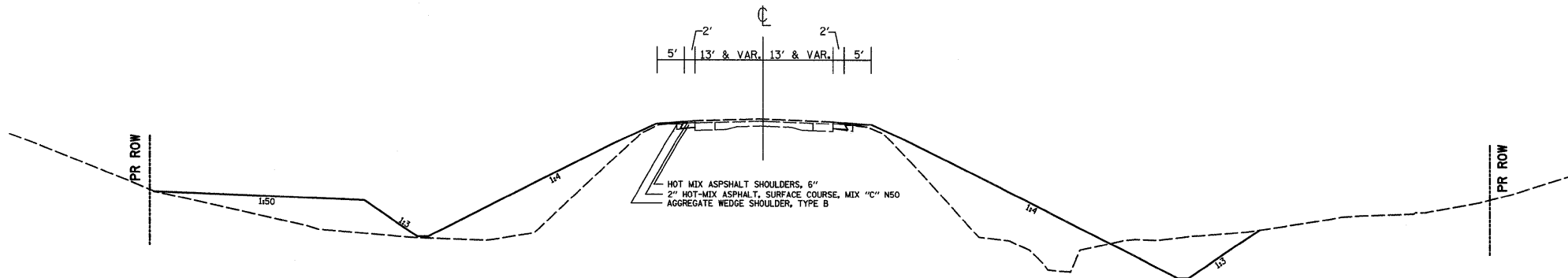
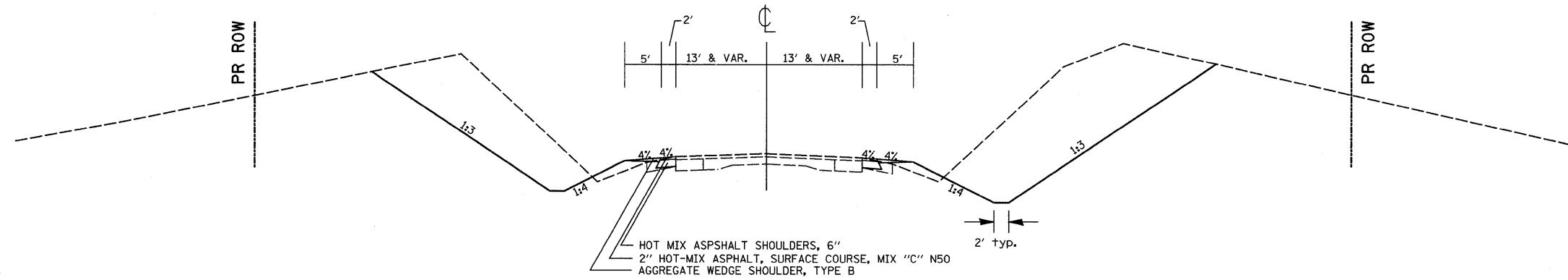


Figure 4 Sheet 1 of 2

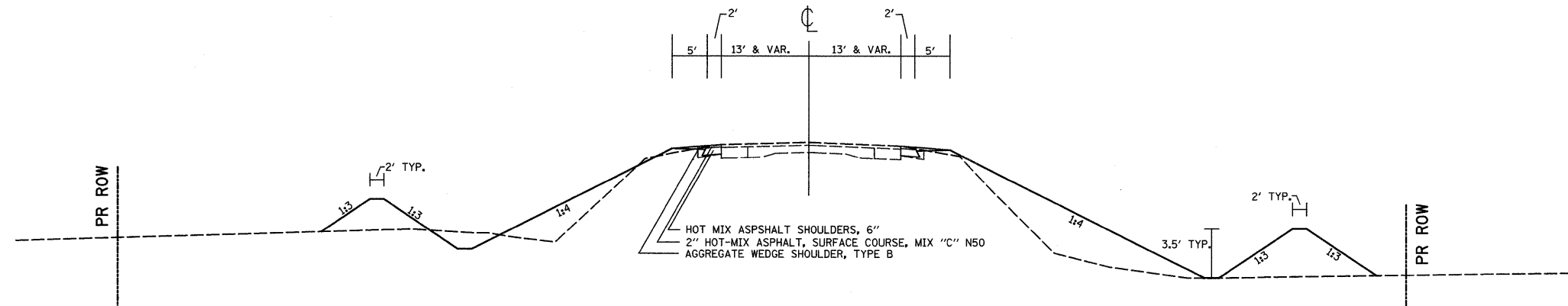
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		DATE -	REVISED -						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT					

TYPICALS

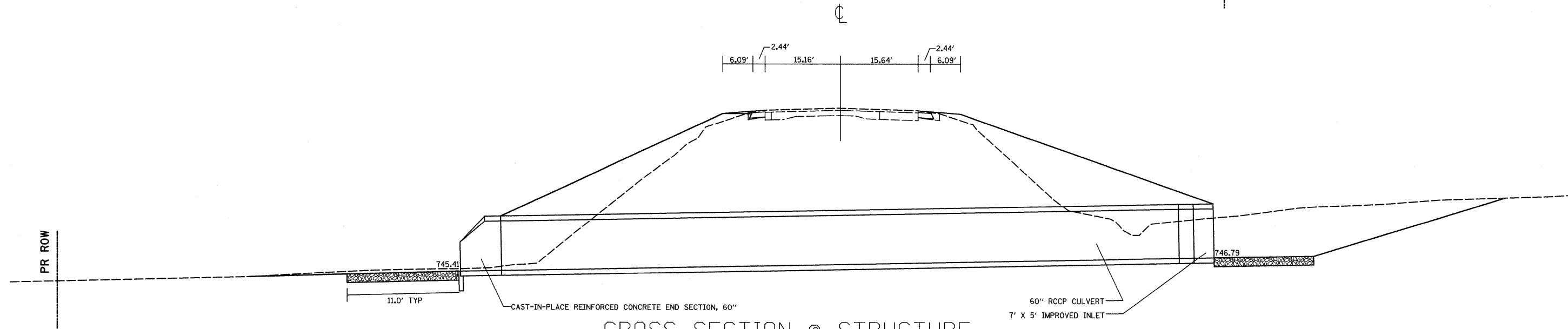
781+00 - 785+00
793+50 - 796+00



786+00



789+70



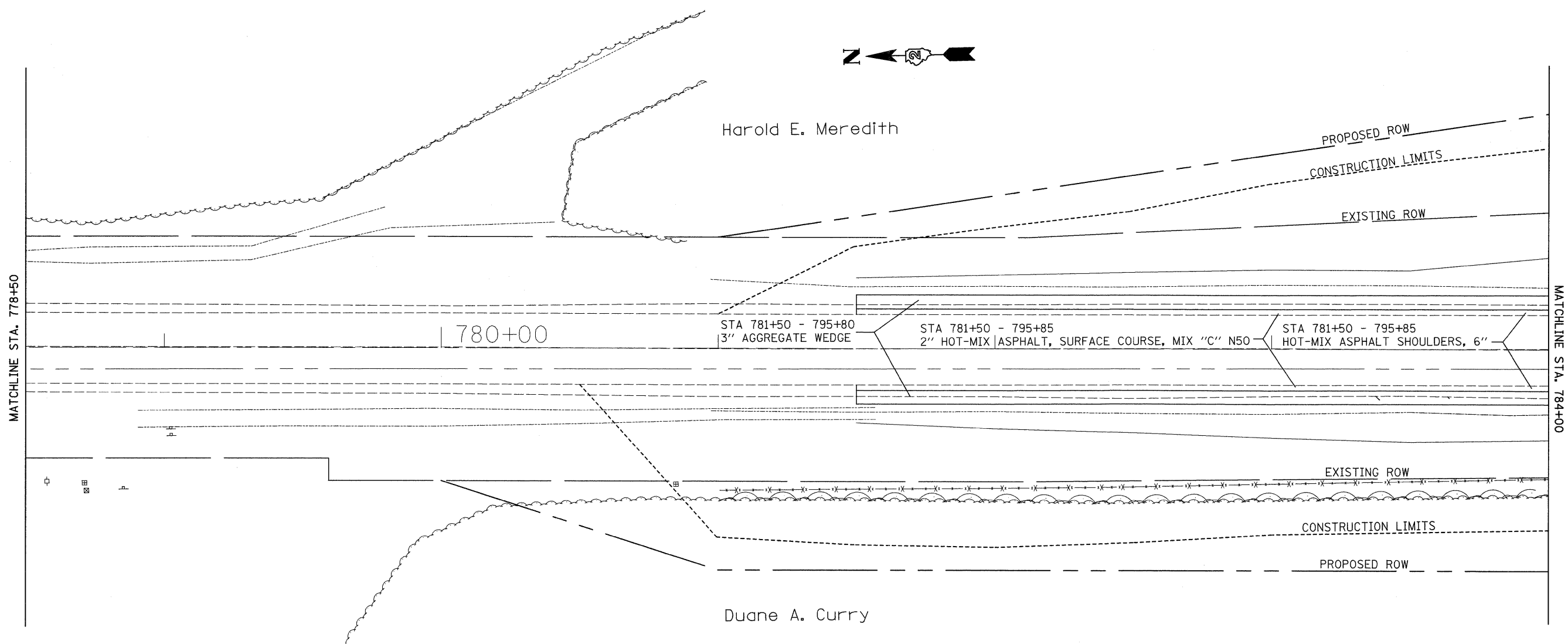
CROSS SECTION @ STRUCTURE 35° SKEW

Figure 4 Sheet 2 of 2

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		CHECKED -	REVISED -						CONTRACT NO. 64D13						
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT						

SCHEDULE OF QUANTITIES

PAY ITEM #	DESCRIPTION	UNIT	Comments	PAY ITEM #	DESCRIPTION	UNIT	Comments
63200310	Guardrail Removal	Foot		Z0032900	Land Section Markers	Each	
LOCATION 785+35.7-793+60.7 RT 785+68.8-792+69.6 LT				LOCATION 795+48.34 4.97' RT			
TOTAL = 825				TOTAL = 1			
TOTAL = 700.8				TOTAL = 1			
TOTAL = 1525.8				TOTAL = 1			
63500105	Delineators	Each		XX002162	Partial Removal of Existing Structure	Each	
LOCATION 789+30.93 LT 790+09.08 RT				LOCATION 786+92.15 RT 790+12.47 RT 795+81.11 RT 795+81.95 LT			
TOTAL = 1				TOTAL = 1			
TOTAL = 1				TOTAL = 1			
TOTAL = 2				TOTAL = 4			
66600105	Furnishing and Erecting Right of Way Markers	Each					
LOCATION 781+00 40.0' LT 782+00 55.0' LT 784+00 80.0' LT 787+00 105.0' LT 790+00 145.0' LT 791+00 80.0' LT 792+00 70.0' LT 793+00 90.0' LT 794+00 100.0' LT 795+00 85.0' LT 796+00 54.24' LT 780+00 48.0' RT 781+00 80.0' RT 785+00 80.0' RT 787+00 90.0' RT 787+50 40.0' RT 788+00 155.0' RT 790+00 140.0' RT 793+00 100.0' RT 794+00 65.0' RT 795+50 65.0' RT 796+50 51.94' RT				LOCATION 786+92.15 RT 790+12.47 RT 795+81.11 RT 795+81.95 LT			
TOTAL = 22				TOTAL = 4			
66700305	Permanent Survey Markers, Type II	Each					
LOCATION To be determined by engineer							
TOTAL = 1							
TOTAL = 2							
78001110	Paint Pavement Marking - Line 4"	Foot					
LOCATION 781+50-796+00 Edge Line (White) 781+50-796+00 Edge Line (White) 781+50-796+00 Skip Dash (Yellow)				2900 2 Applications 2900 2 Applications 725 2 Applications			
TOTAL = 6525							
Z0023600	Filling Existing Culverts	Each					
LOCATION 787+00 790+00 795+81				1 1 1			
TOTAL = 3							



Harold E. Meredith

Duane A. Curry

MATCHLINE STA. 778+50

MATCHLINE STA. 784+00

780+00

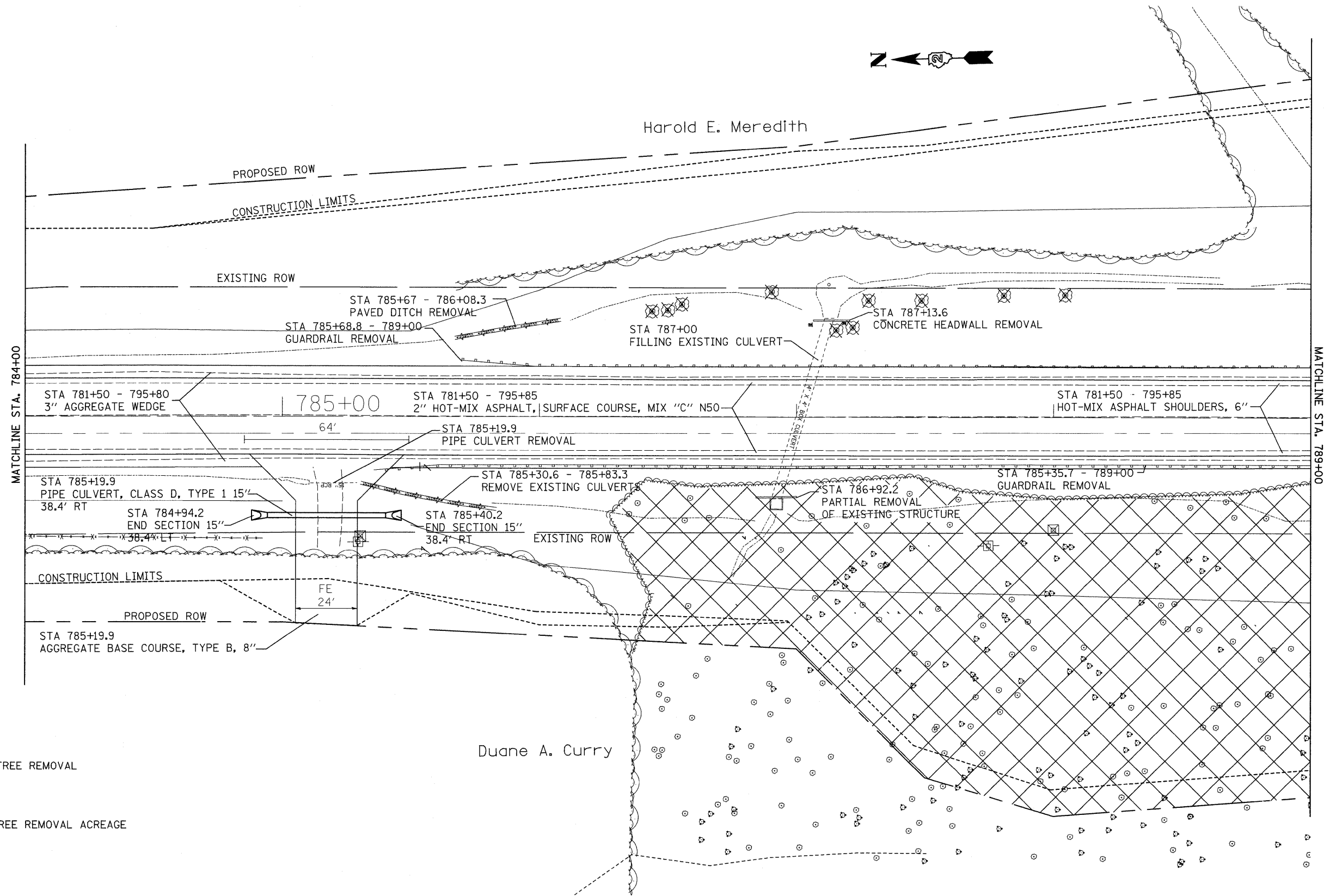
STA 781+50 - 795+80
3" AGGREGATE WEDGE

STA 781+50 - 795+85
2" HOT-MIX ASPHALT, SURFACE COURSE, MIX "C" N50

STA 781+50 - 795+85
HOT-MIX ASPHALT SHOULDERS, 6"

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Harold E. Meredith

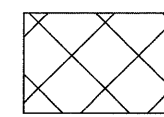


MATCHLINE STA. 784+00

MATCHLINE STA. 789+00



TREE REMOVAL

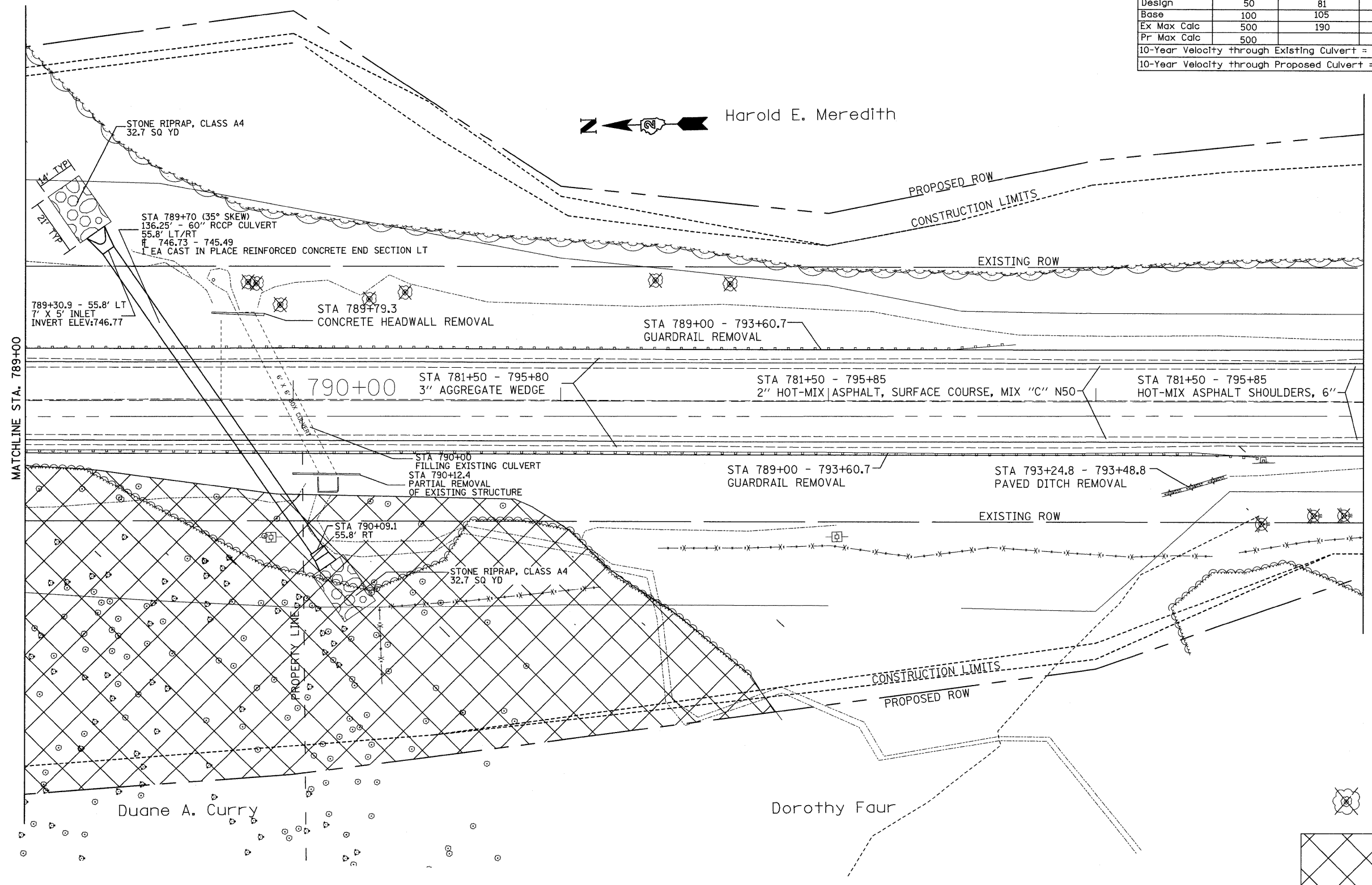


TREE REMOVAL ACREAGE

Duane A. Curry

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							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

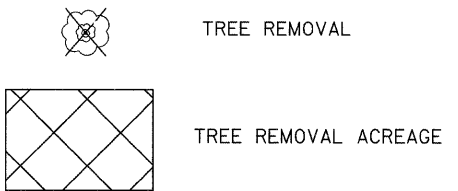
Existing Drainage Area = 100.8 Acres					
Proposed Drainage Area = 128.7 Acres					
Existing Low Grade Elevation: 761.39' @ 788+90					
Proposed Low Grade Elevation: 761.39' @ 788+90					
Flood Year	Frequency	Discharge		Headwater Elev. (ft)	
		Existing (cfs)	Proposed (cfs)	Existing	Proposed
Ten Year	10	41	53	748.9	748.98
Design	50	81	104	749.99	750.27
Base	100	105	135	750.47	750.96
Ex Max Calc	500	190		752.26	
Pr Max Calc	500		244		754.03
10-Year Velocity through Existing Culvert = 11.2 fps					
10-Year Velocity through Proposed Culvert = 7.0 fps					



Harold E. Meredith

Duane A. Curry

Dorothy Faur



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PROPERTY LINE

Harold E. Meredith

MATCHLINE STA. 799+50

MATCHLINE STA. 794+00

CONSTRUCTION LIMITS

PROPOSED ROW

EXISTING ROW

STA 781+50 - 795+85

2" HOT-MIX ASPHALT, SURFACE COURSE, MIX "C" N50

STA 795+81.0
PARTIAL REMOVAL
OF EXISTING STRUCTURE

795+00

STA 781+50 - 795+80

3" AGGREGATE WEDGE

STA 795+81
FILLING EXISTING CULVERT

STA 781+50 - 795+85

HOT-MIX ASPHALT SHOULDERS, 6"

STA 795+82.0
PARTIAL REMOVAL
OF EXISTING STRUCTURE

EXISTING ROW

CONSTRUCTION LIMITS

PROPOSED ROW

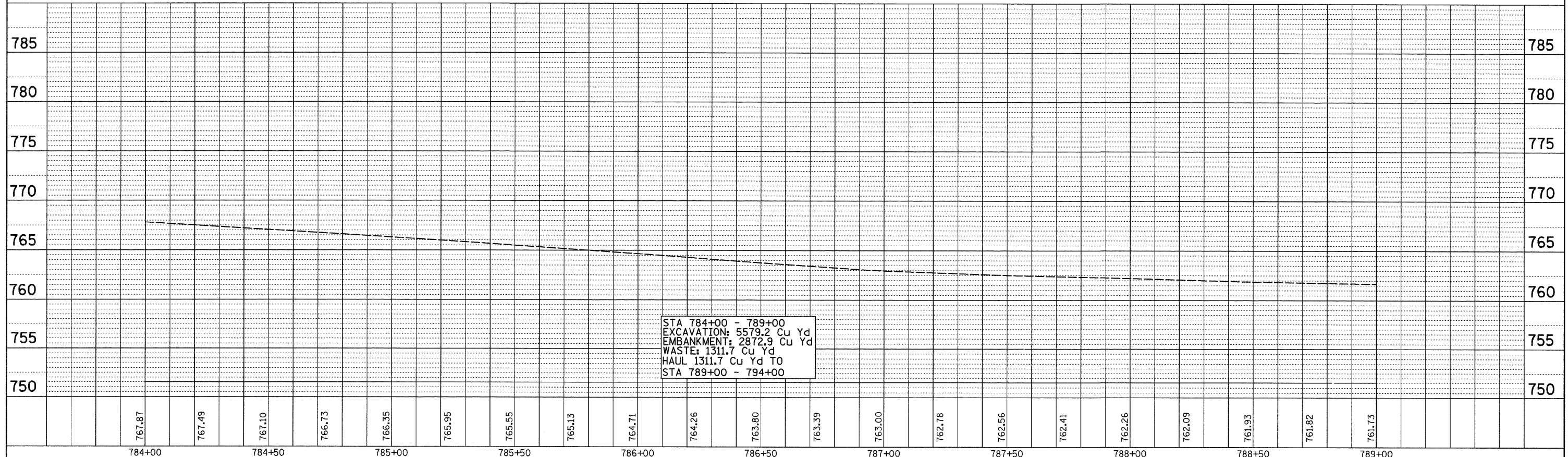
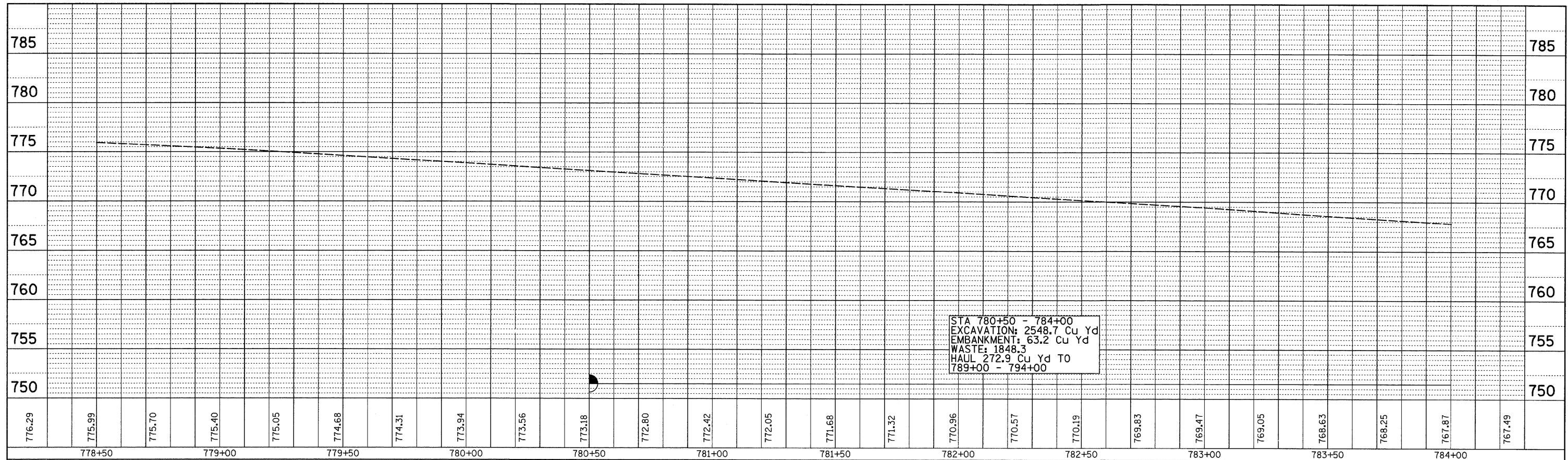
Dorothy Faur

James Haacke

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 64D13										
	PLOT DATE = Tue Mar 10 08:13:58 2009	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

PLAN	SURVEYED	BY	DATE
NOTE BOOK	ALIGNED		
NO.	CHKD		
	RT. OF WAY		
	CHECKED		
	NO.		
	SAID FILE		
	NAME		

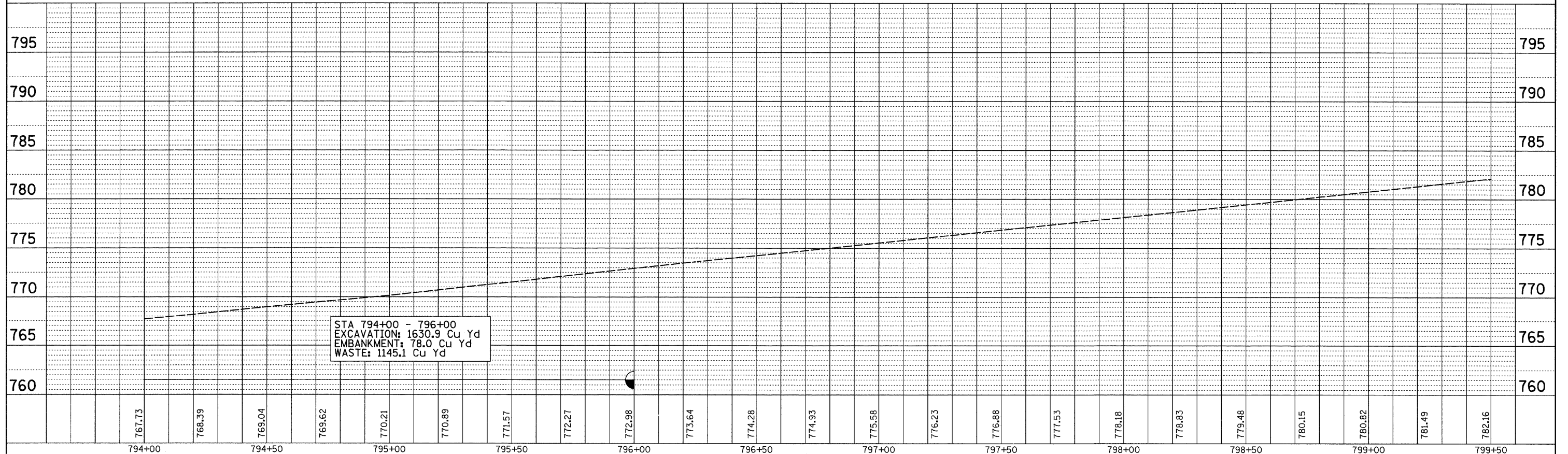
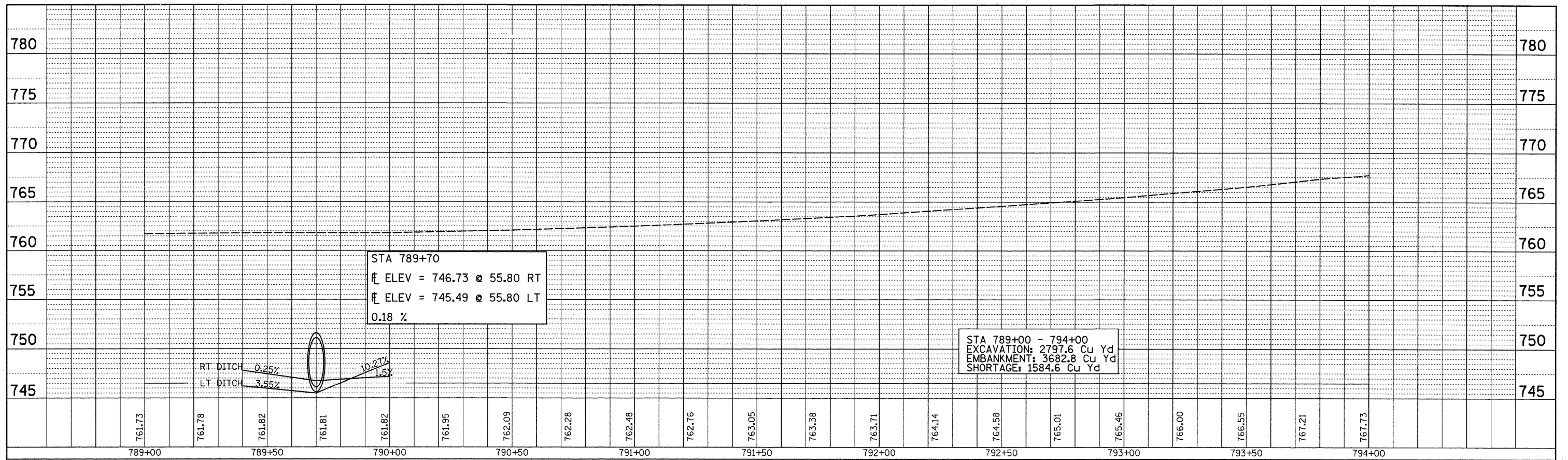
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES		
NO.	NOTED		
	STRUCTURE		
	NOTATIONS		
	CHKD		



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64D13					
PLOT DATE = Tue Mar 10 08:13:59 2009		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

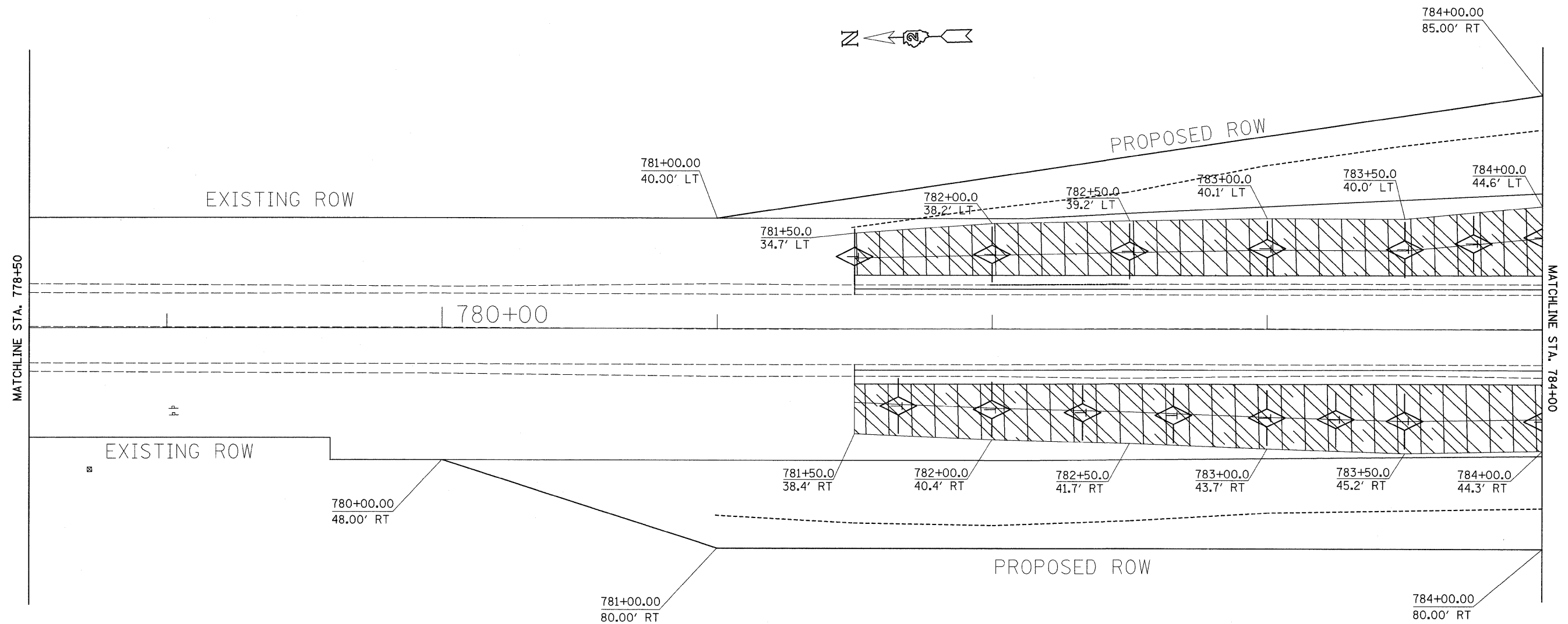
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NO.	PT. OF WAY CHECKED		
	ROAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	GRADES CHECKED		
NO.	B.M. NOTED		
	STRUCTURE NOTATIONS CHECKED		



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150	SCALE: SHEET NO. OF SHEETS STA. TO STA.	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\FWIDOT\FORDJD\dms33831\026401-shht-plnprf.dgn	DRAWN -	REVISED -	1188				118T	Henry	52	15	
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PLOT DATE = Tue Mar 10 08:33:59 2009	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

EROSION CONTROL & ROW



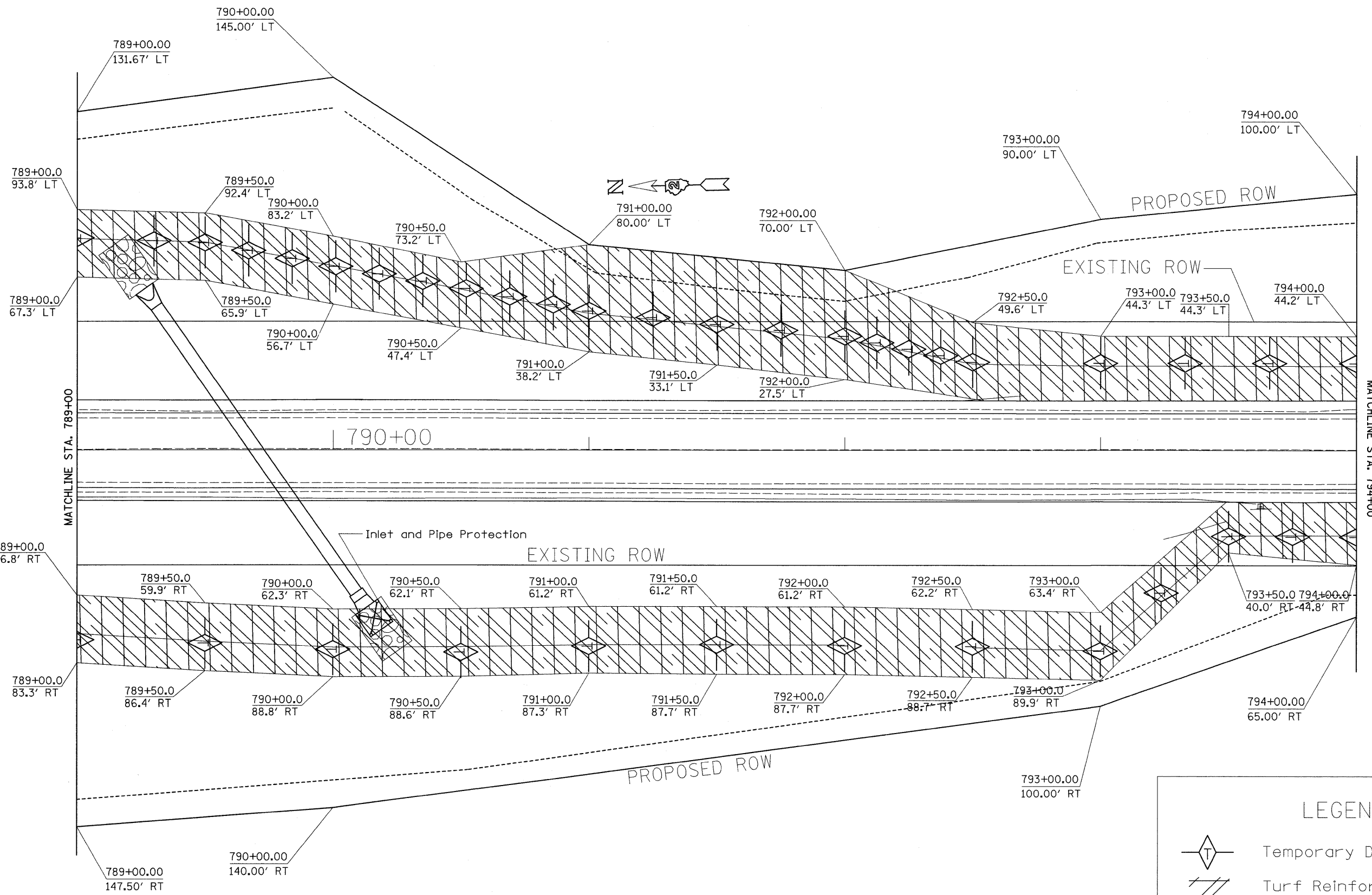
LEGEND

TEMPORARY DITCH CHECK

TURF REINFORCEMENT MAT

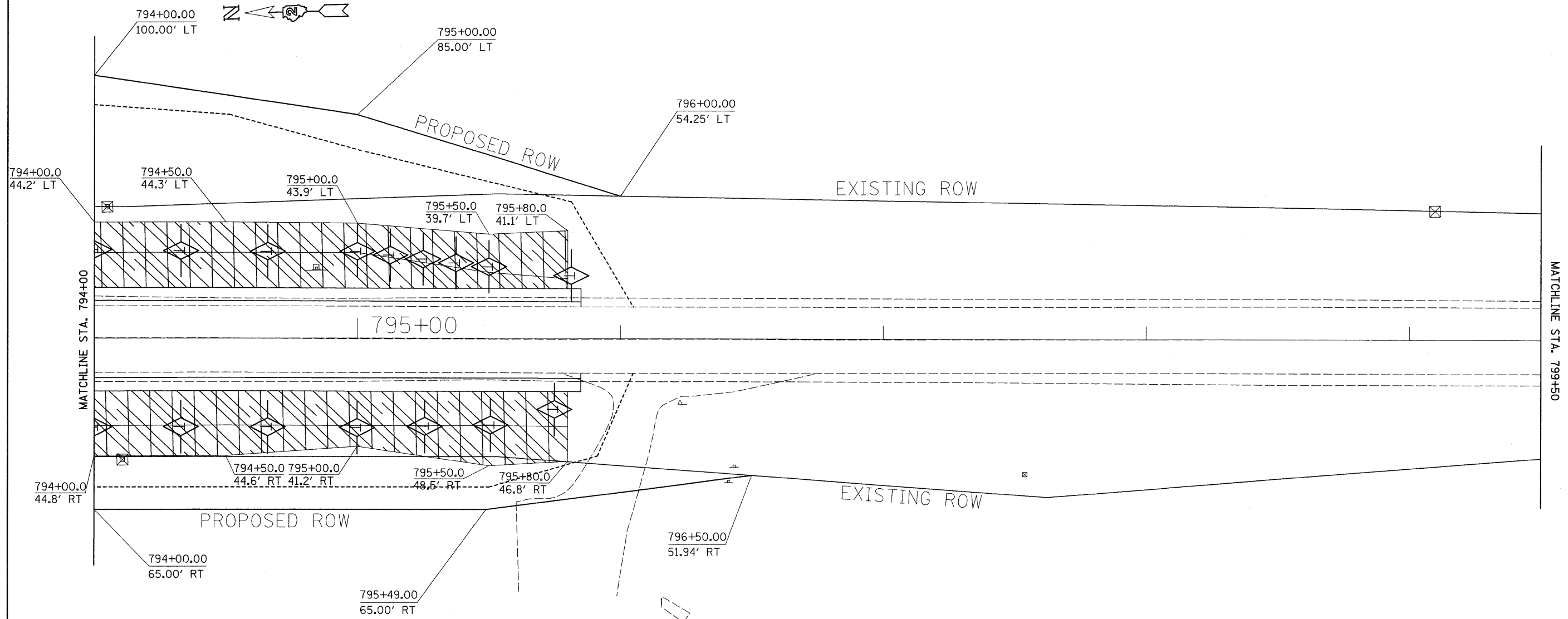
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		PLOT DATE = Tue Mar 10 08:13:45 2009	DATE -							
						SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.
						CONTRACT NO. 64D13				
						ILLINOIS FED. AID PROJECT				

EROSION CONTROL & ROW



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
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		CHECKED -	REVISED -		CONTRACT NO. 64D13						ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -												

EROSION CONTROL & ROW



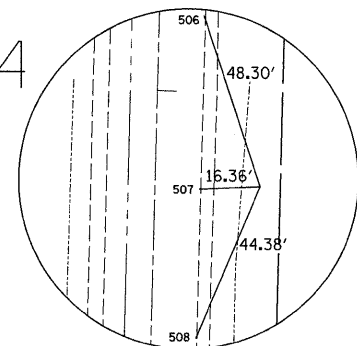
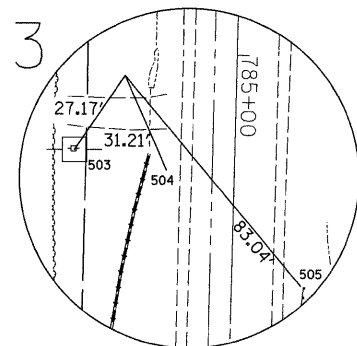
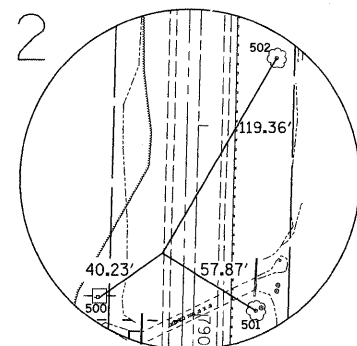
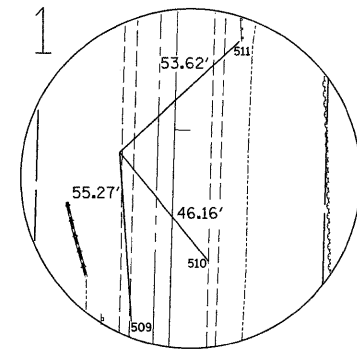
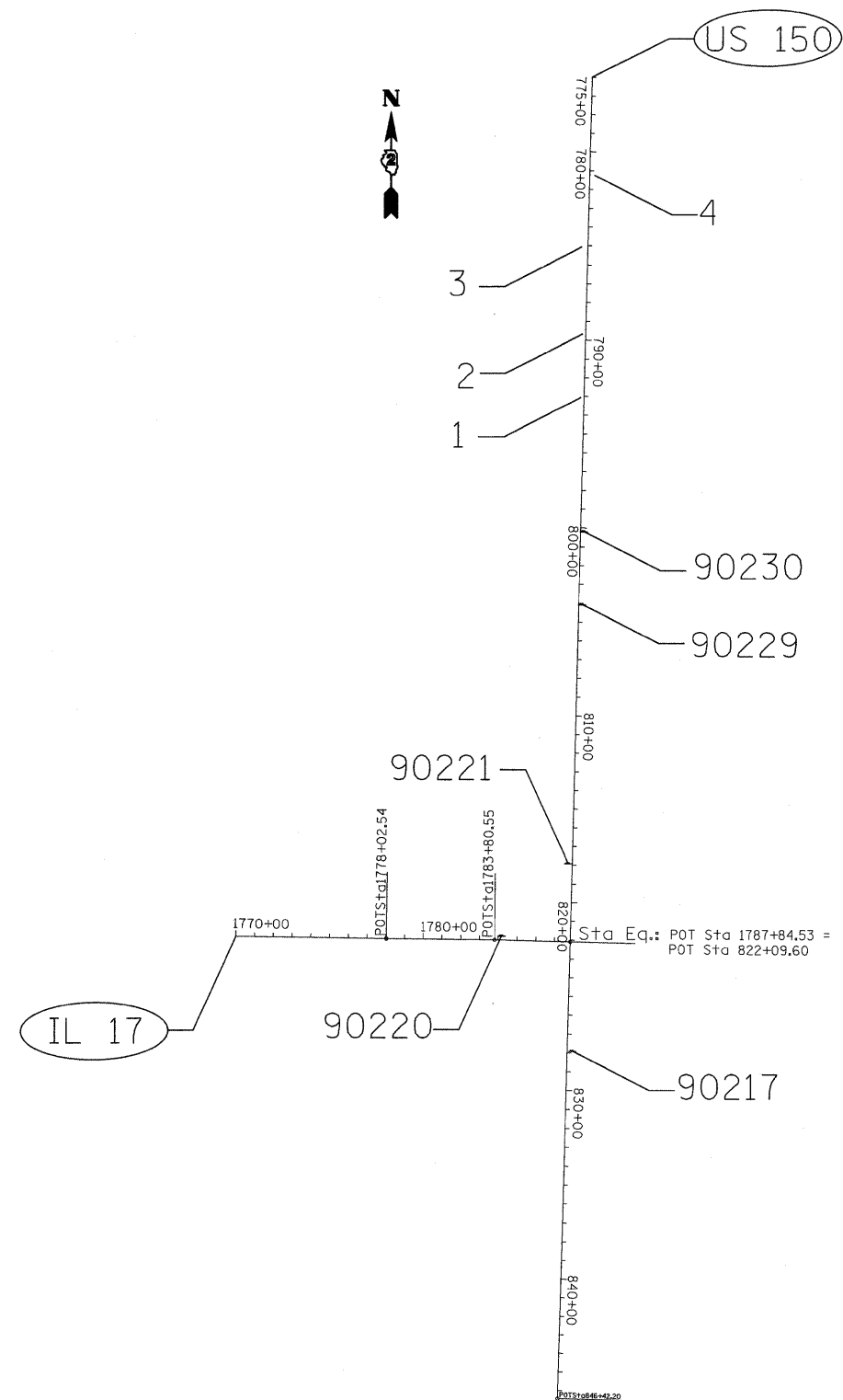
LEGEND

TEMPORARY DITCH CHECK

TURF REINFORCEMENT MAT

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150	F.A.S. RTE. 1188	SECTION 118T	COUNTY Henry	TOTAL SHEETS 52	SHEET NO. 19
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	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT DATE = Tue Mar 10 08:13:47 2009	DATE -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

HORIZONTAL & VERTICAL CONTROL



Chain US150 contains:
10 200 11

Beginning chain US150 description

Point 10 N 1,664,134.3900 E 2,238,248.4171 Sta 700+72.5500
 Course from 10 to 200 181° 22' 29.8038" Dist 12,137.0544'
 Point 200 N 1,652,000.8301 E 2,237,957.1882 Sta 822+09.6044
 Course from 200 to 11 181° 30' 38.5780" Dist 2,432.5977'
 Point 11 N 1,649,569.0779 E 2,237,893.0554 Sta 846+42.2022

Ending chain US150 description

Chain IL17 contains:
6 12 7 8 210

Beginning chain IL17 description

Point 6 N 1,652,159.6530 E 2,224,684.6290 Sta 1655+10.8500
 Course from 6 to 12 90° 09' 18.0223" Dist 2,812.5593'
 Point 12 N 1,652,152.0440 E 2,227,497.1780 Sta 1683+23.4093
 Course from 12 to 7 90° 49' 18.8986" Dist 9,479.1278'
 Point 7 N 1,652,016.0692 E 2,236,975.3305 Sta 1778+02.5371
 Course from 7 to 8 90° 34' 38.5714" Dist 578.0176'
 Point 8 N 1,652,010.2445 E 2,237,553.3188 Sta 1783+80.5547
 Course from 8 to 210 91° 20' 07.2664" Dist 403.9791'
 Point 210 N 1,652,000.8301 E 2,237,957.1882 Sta 1787+84.5339

Ending chain IL17 description

65720205

FILE NAME =	USER NAME = Ford,jd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pwork\pwork\WIDOT\FORD\JD\dms33831\026413-sht-ATB.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	1188	118T	Henry	52	20
		CHECKED -	REVISED -						CONTRACT NO. 64D13						
		DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
PLOT SCALE = 50.0000' / IN.		PLOT DATE = Tue Mar 10 08:13:00 2009													

HORIZONTAL & VERTICAL CONTROL

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1654902.1640	2238009.0060	765.0000	US150	793+07.8625	17.8147' RT	GPS CONTROL POINT, REBAR
2	1655241.8730	2238017.6060	761.3030	US150	789+68.0450	17.3685' RT	GPS CONTROL POINT, REBAR
3	1655703.1830	2238012.3230	766.2910	US150	785+06.9946	33.7191' RT	GPS CONTROL POINT, REBAR
4	1656083.3930	2238083.6720	771.1600	US150	781+25.1820	28.4862' LT	GPS CONTROL POINT, REBAR
90217	1651420.7261	2237968.3148	801.6070	US150	827+89.2134	26.4165' LT	PHOTO CONTROL H. & V., PIN
90220	1652031.6337	2237590.6801	798.4920	US150	821+87.6041	367.1417' RT	PHOTO CONTROL H. & V., PIN
90221	1652421.4995	2237945.1992	797.3020	US150	817+89.3438	22.0795' RT	PHOTO CONTROL H. & V., PIN
90229	1653805.6970	2238017.3314	798.5480	US150	804+03.8140	16.8181' LT	PHOTO CONTROL H. & V., PIN
90230	1654191.6822	2238026.8056	783.4350	US150	800+17.7126	17.0278' LT	PHOTO CONTROL H. & V., PIN
65720205	1649272.7200	2240143.1000	798.7400	US150	OUT OF CHAIN	-----	NGS MONUMENT, DISK
65722993	1673899.6375	2251674.1207	679.6820	US150	OUT OF CHAIN	-----	NGS MONUMENT, PIN
65723094	1628095.4126	2237911.8687	665.1274	US150	OUT OF CHAIN	-----	NGS MONUMENT, PIN


APPARENT PROPERTY CORNERS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
700	1655680.1420	2237999.0020	.0000	US150	785+30.3486	46.4834' RT	R.O.W. MARKER, BACK
701	1660005.3650	2238132.1670	.0000	US150	742+03.1756	17.1406' RT	SECTION CORNER, REBAR
702	1659974.6980	2238108.1260	.0000	US150	742+34.4106	40.4388' RT	R.O.W. MARKER, BACK
704	1660032.7350	2238190.1390	.0000	US150	741+74.4210	40.218' LT	R.O.W. MARKER, BACK
705	1659495.3340	2238096.9690	.0000	US150	747+13.9043	40.0902' RT	R.O.W. MARKER, BACK
706	1659494.2240	2238176.9050	.0000	US150	747+13.0959	39.8494' LT	R.O.W. MARKER, BROKEN
707	1657329.9650	2238044.6290	.0000	US150	768+79.9058	40.4571' RT	R.O.W. MARKER, BACK
708	1657302.0680	2238123.9890	.0000	US150	769+05.8905	39.5494' LT	R.O.W. MARKER, BACK
709	1657180.1010	2238041.1430	784.8510	US150	770+29.8103	40.3461' RT	PROPERTY CORNER, REBAR
711	1656886.0240	2238114.2000	785.3430	US150	773+22.0496	39.7463' LT	R.O.W. MARKER, BACK
712	1654803.4300	2238074.4310	780.7620	US150	794+04.9982	49.9606' LT	R.O.W. MARKER, BACK
713	1654800.0800	2237977.8720	770.9570	US150	794+10.6642	46.4902' RT	R.O.W. MARKER, BACK
714	1654298.8710	2238061.3340	789.1260	US150	799+09.7262	48.9743' LT	R.O.W. MARKER, BACK
715	1652634.7360	2238029.6190	798.1580	US150	815+74.1431	57.1994' LT	R.O.W. MARKER, BACK
716	1652409.6520	2238025.1440	799.1330	US150	817+99.2696	58.1265' LT	PROPERTY CORNER, REBAR
720	1652067.1330	2238018.5440	797.8650	US150	821+41.8484	59.7472' LT	R.O.W. MARKER, BACK
721	1651995.1810	2237956.4580	.0000	US150	822+15.2708	0.581' RT	SECTION CORNER, PK NAIL
727	1652249.9417	2237844.6957	.0000	US150	819+63.2638	118.4375' RT	LOT CORNER, SQUARE ROD
729	1662675.1010	2238171.7900	.0000	US150	715+33.2575	41.5894' RT	R.O.W. MARKER, BACK
730	1662678.5020	2238253.1190	.0000	US150	715+27.9060	39.6346' LT	R.O.W. MARKER, BACK

SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	1655183.0930	2238127.9190	750.5370	US150	790+24.1611	94.3232' LT	SURVEY WORK POINT, NAIL
101	1655259.9320	2238100.5120	746.2810	US150	789+48.0018	65.0803' LT	SURVEY WORK POINT, NAIL
102	1655372.1760	2238148.4400	745.1210	US150	788+34.6401	110.3012' LT	SURVEY WORK POINT, NAIL
103	1655496.7450	2238133.0610	747.5450	US150	787+10.4760	91.9376' LT	SURVEY WORK POINT, NAIL
104	1654780.8070	2237960.8460	768.1680	US150	794+30.3402	63.0489' RT	SURVEY WORK POINT, NAIL
105	1655191.2720	2237967.1590	751.3300	US150	790+19.8419	66.5868' RT	SURVEY WORK POINT, NAIL
106	1655390.7290	2238022.7570	761.7030	US150	788+19.1082	15.7908' RT	SURVEY WORK POINT, NAIL
107	1655519.6860	2237985.7800	753.0180	US150	786+91.0756	55.8515' RT	SURVEY WORK POINT, NAIL
108	1655571.3600	2237817.6760	757.3450	US150	786+43.4502	225.147' RT	SURVEY WORK POINT, NAIL
109	1655041.8860	2238012.1700	762.6390	US150	791+68.1048	18.0042' RT	SURVEY WORK POINT, NAIL
110	1655000.0770	2237859.5860	754.8960	US150	792+13.5630	169.5411' RT	SURVEY WORK POINT, NAIL
111	1654854.5890	2237852.7390	754.1370	US150	793+59.1734	172.8951' RT	SURVEY WORK POINT, NAIL
112	1654729.9020	2237786.6040	758.9910	US150	794+85.4115	236.0192' RT	SURVEY WORK POINT, NAIL
129	1655163.2830	2237880.5420	755.3230	US150	790+49.9012	152.5073' RT	SURVEY WORK POINT, NAIL
130	1655319.9340	2237850.4050	771.3100	US150	788+94.0184	186.3944' RT	SURVEY WORK POINT, NAIL
131	1656580.7050	2238088.7250	778.5450	US150	776+27.8919	21.6047' LT	SURVEY WORK POINT, NAIL
132	1654637.2420	2237999.6850	771.4430	US150	795+72.9319	20.7762' RT	SURVEY WORK POINT, NAIL
133	1654196.8360	2237978.3570	783.5190	US150	800+13.7229	31.5305' RT	SURVEY WORK POINT, NAIL

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	US150	789+91.1788	50.0928' RT	POWER POLE, PK NAIL
501	US150	789+96.7850	32.8596' LT	TREE DECIDUOUS, PK NAIL
502	US150	788+63.5930	40.3898' LT	TREE DECIDUOUS, PK NAIL
503	US150	785+29.8006	48.4931' RT	POWER POLE, PK NAIL
504	US150	785+35.2720	20.5188' RT	GUARDRAIL, CHISELED "X"
505	US150	785+69.4905	20.9592' LT	GUARDRAIL, CHISELED "X"
506	US150	780+79.7179	12.1926' LT	PAVEMENT - EDGE, PK NAIL
507	US150	781+26.2770	12.1608' LT	PAVEMENT - EDGE, PK NAIL
508	US150	781+66.9463	12.1806' LT	PAVEMENT - EDGE, PK NAIL
509	US150	793+62.8879	12.5879' RT	PAVEMENT - EDGE, PK NAIL
510	US150	793+42.8883	12.2454' LT	PAVEMENT - EDGE, PK NAIL
511	US150	792+70.1714	20.3289' LT	GUARDRAIL, CHISELED "X"

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
400	1654798.3900	2237976.5070	773.2100	US150	794+12.3864	47.8143' RT	POWER POLE, RAIL ROAD SPIKE
401	1655681.0620	2237996.7340	766.0300	US150	785+29.4832	48.7728' RT	POWER POLE, RAIL ROAD SPIKE

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2
Date 9/19/07

ROUTE US 150 DESCRIPTION P92-053-07 US 150 over ditch, .7 m. N. of IL 17W LOGGED BY W. Garza


SECTION _____ LOCATION Oxford Twp. - 9SE, SEC. , TWP. 14N, RNG. 1E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After	(ft)	(/6")	(tsf)	(%)
037-1012 787+00					87.10 87.00	None Dry										
B-1b 787+07																
10.00ft Rt CL																
99.80																
15" Asphalt																
MEDIUM light brown SILTY LOAM			0.9 P	19.0												
97.30																
VERY STIFF light brown SILTY LOAM																
95.80																
STIFF light brown SILTY CLAY LOAM																
93.30																
VERY STIFF light brown SILTY CLAY LOAM																
90.80																
STIFF gray SILTY CLAY LOAM																
88.30																
MEDIUM gray SILTY CLAY LOAM																
85.80																
STIFF dark gray SILTY CLAY																
83.30																
STIFF gray SILTY CLAY LOAM																
80.80																

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 2 of 2
Date 9/19/07

ROUTE US 150 DESCRIPTION P92-053-07 US 150 over ditch, .7 m. N. of IL 17W LOGGED BY W. Garza

SECTION _____ LOCATION Oxford Twp. - 9SE, SEC. , TWP. 14N, RNG. 1E


COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev.	Groundwater Elev.: First Encounter Upon Completion After	(ft)	(/6")	(tsf)	(%)
037-1012 787+00					87.10 87.00	None Dry										
B-1b 787+07																
10.00ft Rt CL																
99.80																
HARD gray/olive gray SILTY CLAY LOAM TILL																
58.30																
Same as above																
55.80																
End of Boring																

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

BORING LOGS



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1
Date 6/21/06

ROUTE US 150 DESCRIPTION P92-053-07 Box culvert on US 150, .6 m. N. of IL 17W LOGGED BY W. Garza

SECTION _____ LOCATION Oxford Twp. - 9SE, SEC., TWP. 14N, RNG. 1E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diederich Automatic


STRUCT. NO. 037-1013
Station _____

BORING NO. B-2a
Station 30' N.
Offset 65.00ft E CL
Ground Surface Elev. 88.30 ft

DEPTH (ft)	B	U	M	Description	DEPTH (ft)	B	U	M	Description	DEPTH (ft)	B	U	M	Description
				Surface Water Elev. _____ ft										
				Stream Bed Elev. <u>86.00</u> ft										
				Groundwater Elev.: _____ ft										
				First Encounter _____ ft										
				Upon Completion _____ ft										
				After _____ Hrs. _____ ft										
67.30				VERY STIFF gray SILTY CLAY LOAM TILL (continued)	67.30	7	2.7	14.0						
86.30				VERY STIFF brown SILTY CLAY LOAM										
84.80				VERY STIFF brown SILTY CLAY LOAM										
82.30				MEDIUM dark brown SILTY CLAY LOAM										
79.80				SOFT dark brown SILTY CLAY LOAM										
77.30				VERY SOFT gray SANDY LOAM										
74.80				MEDIUM gray LOAM TILL										
72.30				VERY STIFF gray LOAM TILL										
69.80				VERY STIFF gray LOAM TILL										
				End of Boring										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 1
Date 9/19/07

ROUTE US 150 DESCRIPTION P92-053-07 US 150 over ditch, .7 m. N. of IL 17W LOGGED BY W. Garza

SECTION _____ LOCATION Oxford Twp. - 9SE, SEC., TWP. 14N, RNG. 1E

COUNTY Henry DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diederich Automatic

STRUCT. NO. 037-1012
Station 787+00

BORING NO. B-2b
Station 787+94
Offset 68.00ft Lt CL
Ground Surface Elev. 88.10 ft

DEPTH (ft)	B	U	M	Description	DEPTH (ft)	B	U	M	Description	DEPTH (ft)	B	U	M	Description
				Surface Water Elev. <u>87.10</u> ft										
				Stream Bed Elev. <u>87.00</u> ft										
				Groundwater Elev.: _____ ft										
				First Encounter <u>75.6</u> ft										
				Upon Completion <u>Dry</u> ft										
				After <u>24</u> Hrs. <u>63.1</u> ft										
66.60				VERY STIFF gray SILTY CLAY LOAM TILL	66.60	5	2.7	17.0						
85.60				VERY STIFF dark gray SILTY CLAY LOAM										
84.10				VERY STIFF gray SILTY CLAY LOAM TILL										
81.60				VERY STIFF brown SILTY CLAY LOAM										
79.10				MEDIUM gray SILTY CLAY										
76.60				SOFT tan SANDY LOAM										
74.10				MEDIUM gray/tan SILTY CLAY LOAM with wet SAND lens										
71.60				VERY STIFF gray SILTY CLAY LOAM TILL										
69.10				VERY STIFF gray SILTY CLAY LOAM TILL										
				End of Boring										

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS

SN 037-1178 - RT STA 790+09.1 PR SIDE TAPERED IMPROVED INLET (US 150)

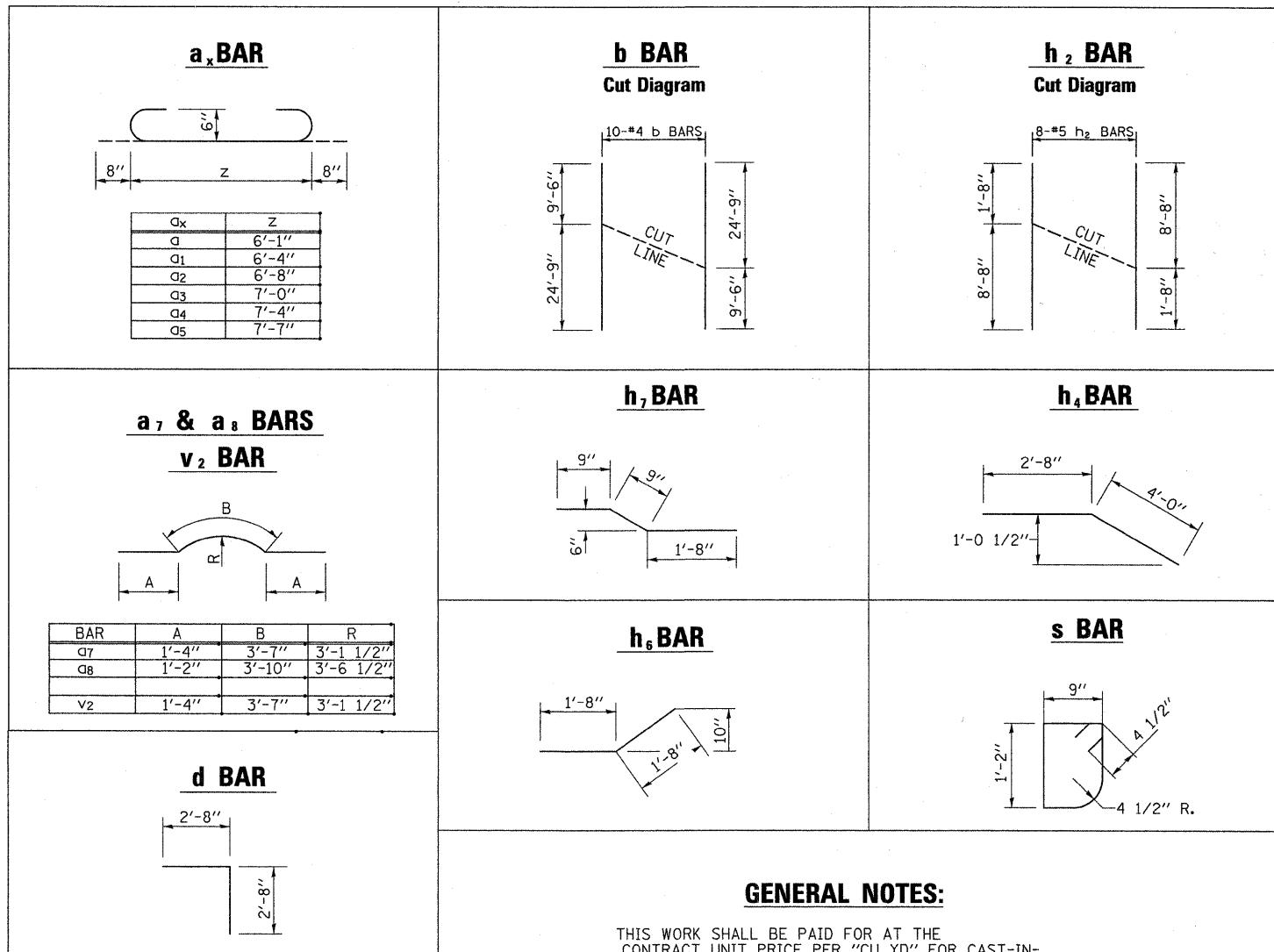
BILL OF MATERIALS (FOR INFORMATION ONLY)

BAR	NO.	SIZE	LENGTH	SHAPE
a	8	#6	7'-5"	
a ₁	2	#6	7'-8"	
a ₂	2	#6	8'-0"	
a ₃	2	#6	8'-4"	
a ₄	2	#6	8'-8"	
a ₅	3	#6	8'-11"	
a ₆	11	#4	7'-7"	
a ₇	4	#6	6'-3"	
a ₈	4	#6	6'-2"	
b	2	#4	24'-9"	
b ₁	10	#4	34'-3"	
d	52	#4	5'-4"	
h	20	#5	6'-9"	
h ₁	14	#5	15'-4"	
h ₂	16	#5	10'-4"	
h ₃	4	#6	7'-8"	
h ₄	20	#5	6'-8"	
h ₅	20	#5	11'-9"	
h ₆	20	#5	3'-4"	
h ₇	16	#5	3'-2"	
s	8	#4	4'-6"	
v	18	#4	6'-3"	
v ₁	26	#4	5'-9"	
v ₂	4	#4	8'-1"	

DESCRIPTION	UNIT	QTY
CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS	CU YD	12.7
REINFORCEMENT BARS	POUND	2,120

MINIMUM BAR LAP
LOCATION: END SECTION

SIZE	LAP
# 4	1' - 4"
# 5	1' - 8"
# 6	2' - 0"



GENERAL NOTES:

THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER "CU YD" FOR CAST-IN-PLACE RC END SECTIONS. THIS WORK SHALL INCLUDE THE EARTH EXCAVATION WHERE REQUIRED, AND ANY NECESSARY GRADING TO FIT END SECTION AS SHOWN IN THE CROSS SECTIONS OR TO SLOPE.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. EXPOSED EDGES SHALL BE BEVELED 3/4".

SLOPE FLOW LINE FOR IMPROVED INLET IS THE SAME RATE AS THE FLOW LINE OF THE BOX CULVERT.

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 GR. 60 (IL MODIFIED).

SEE PLAN AND PROFILE SHEET FOR MORE INFORMATION.

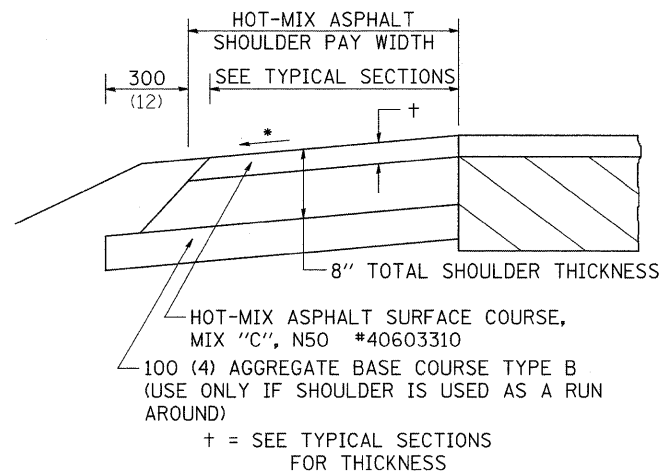
SEE CROSS SECTION SHEET FOR MORE INFORMATION.

THIS WORK SHALL BE DONE ACCORDING TO THE APPLICABLE PORTION OF 503, 508 AND 540 OF THE STANDARD SPECIFICATIONS.

A MINIMUM 6" LAYER OF POROUS GRANULAR MATERIAL SHALL BE PLACED BELOW THE BOTTOM OF BOX ELEVATION AS PER SECTION 540.06 OF THE STANDARD SPEC.

FILE NAME = VA\Bridge\2244\2244-19\inletdetails.dgn	USER NAME = toody	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS-RT STA. 790 + 09.1 SHEET 2 OF 2	F.A.S RTE.	SECTION 118T	COUNTY HENRY	TOTAL SHEETS 52	SHEET NO. 26
PLOT SCALE = 50,0000 ' / IN.	PLOT DATE = 3/11/2009	DRAWN -	REVISED -	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 64D13 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

HOT-MIX ASPHALT SHOULDER



GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS, THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 #40603310.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

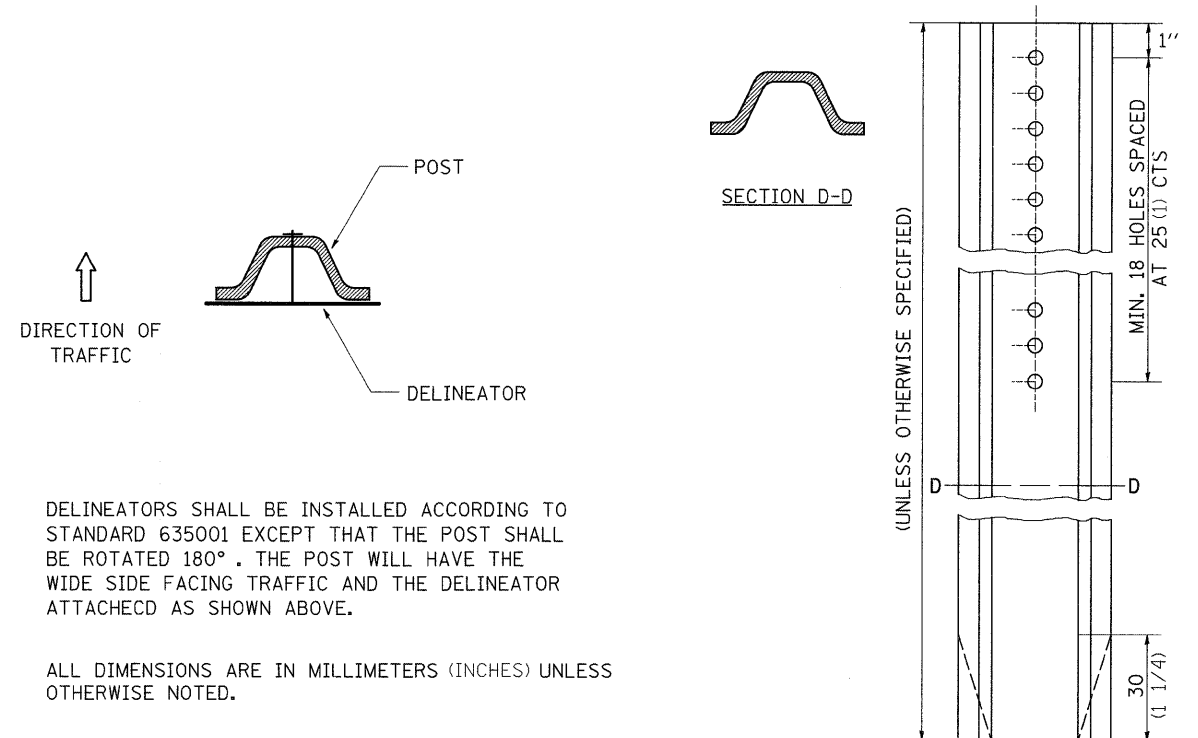
* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

HOT-MIX ASPHALT SHOULDER 23.4a

DELINEATOR AND POST ORIENTATION



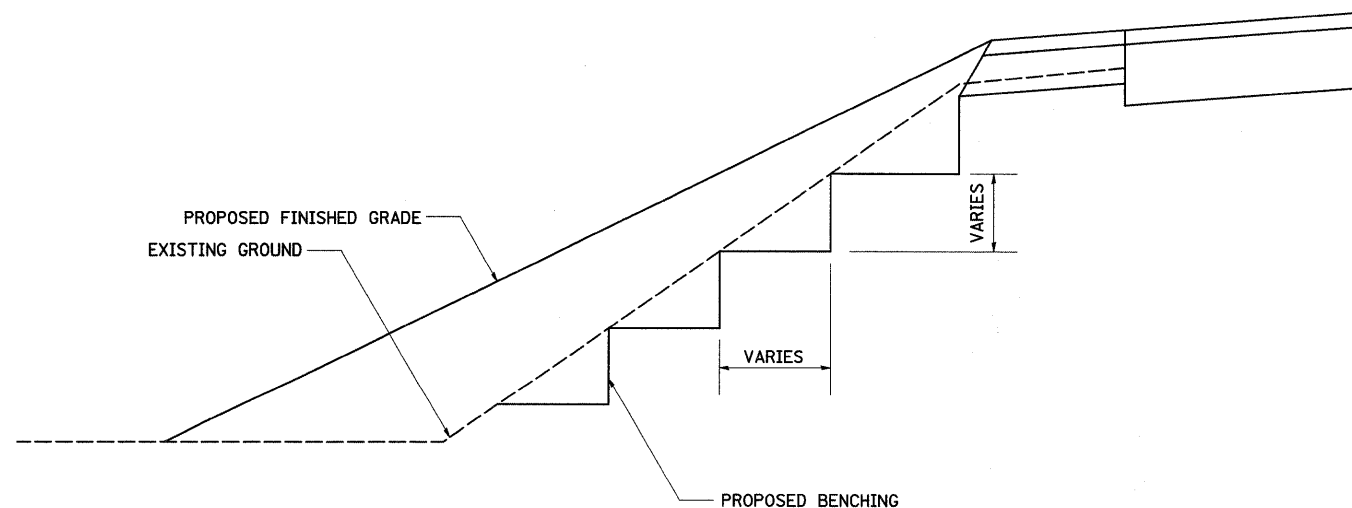
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

DELINEATOR AND POST ORIENTATION 37.4

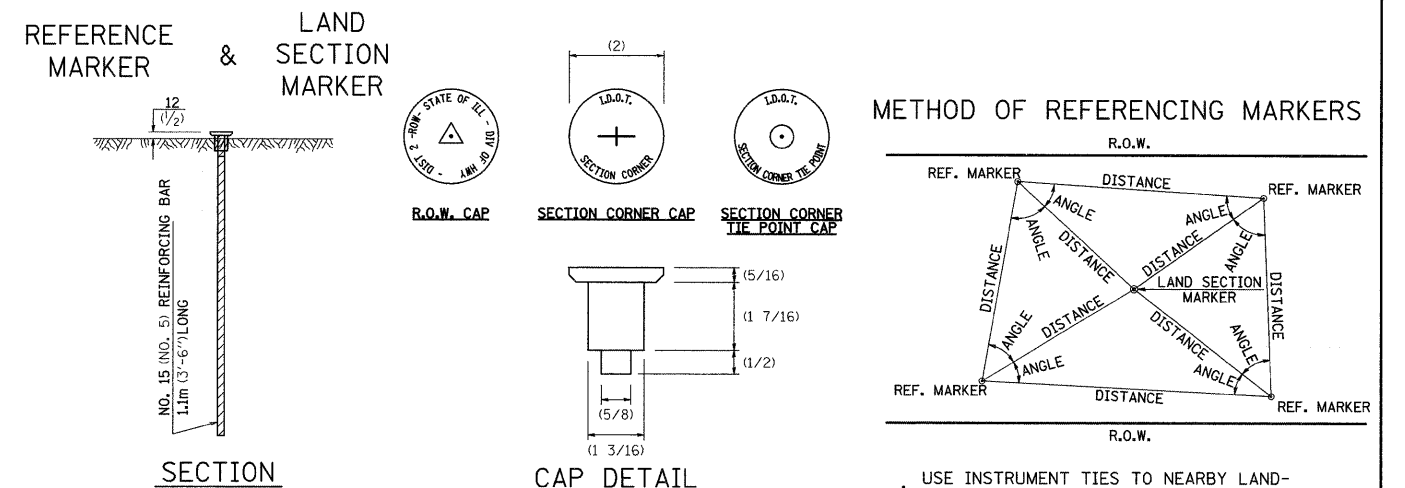
TYPICAL BENCHING ON EXISTING EMBANKMENT



REVISED - 2-22-06

TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4

LAND SECTION & REFERENCE MARKERS

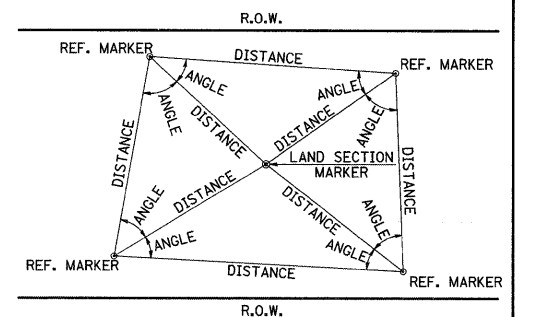


METHOD OF REFERENCING POINTS

REFERENCE MARKERS SHALL BE USED TO TIE IN PERMANENT LAND SECTION AND 1/4 SECTION CORNERS. WHERE LAND SECTION MARKERS FALL IN THE SHOULDERS OR GRAVEL SURFACES, THE TOP OF THE BAR SHALL BE KEPT 75 (3) BELOW THE SURFACE. LAND SECTION MARKERS LOCATED IN TRAFFIC LANES SHALL NOT BE REPLACED.

METAL CAPS SHALL BE PLACED ON TOP OF THE REINFORCEMENT BAR. THERE ARE 3 TYPES OF CAPS, ONE FOR THE RIGHT-OF-WAY CORNERS, ONE FOR THE SECTION CORNERS AND ONE FOR THE SECTION CORNER TIE POINTS. THE CAPS WILL BE SUPPLIED BY IDOT, CALL CHIP CORDELL (815) 284-5370 A MINIMUM OF ONE WEEK BEFORE THE CAPS ARE NEEDED

METHOD OF REFERENCING MARKERS



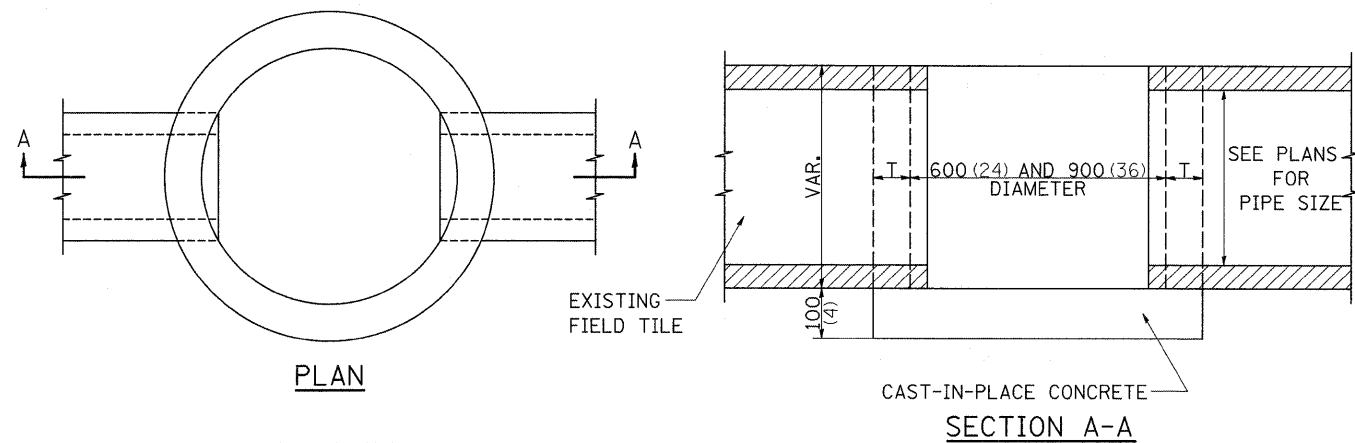
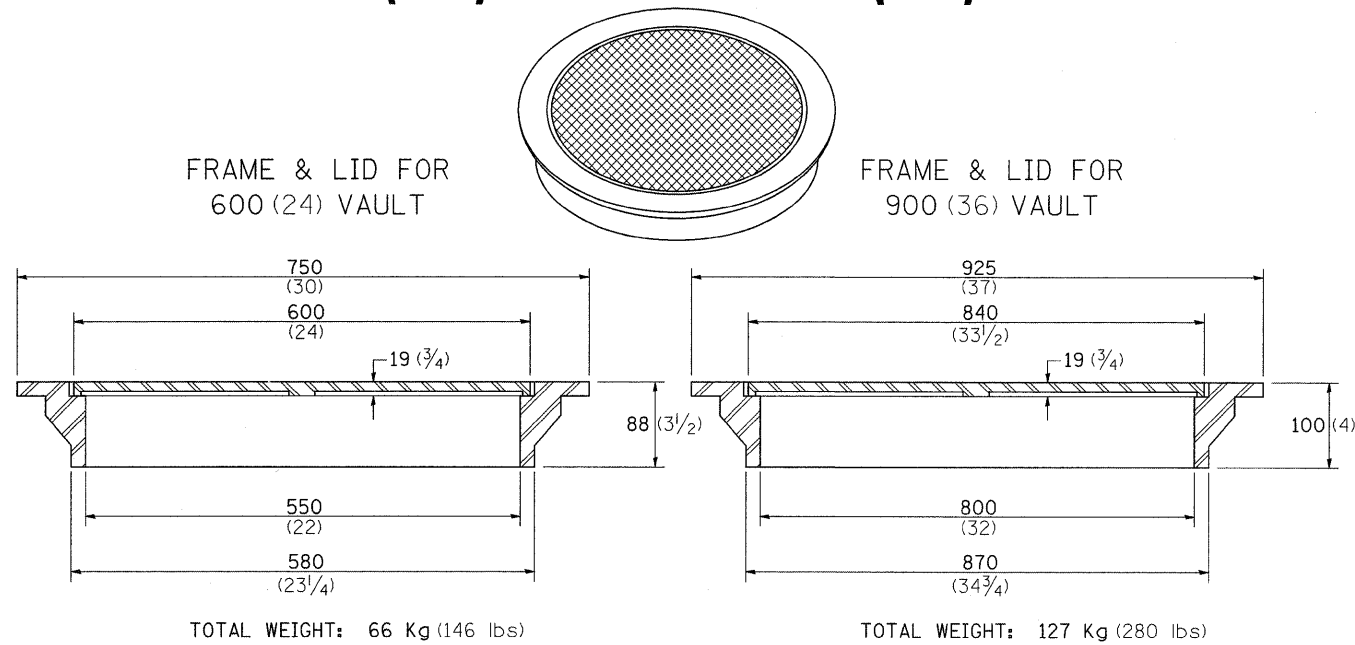
- USE INSTRUMENT TIES TO NEARBY LAND-MARKS (STEEPLES, TOWERS, SILOS, ETC...)
- IN CULTIVATED FIELDS, SET 600 (2') OR MORE BELOW GROUND SURFACE.
- IN FENCE LINE OR PROTECTED AREA SET TOP AT GROUND LEVEL.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 4-22-05	REGION 2 / DISTRICT 2 STANDARD				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					1188	118T	Henry	52	27
REVISED -					CONTRACT NO. 64D13				
REVISED -					SCALE: 50.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.				

LAND SECTION & REFERENCE MARKERS 63.4

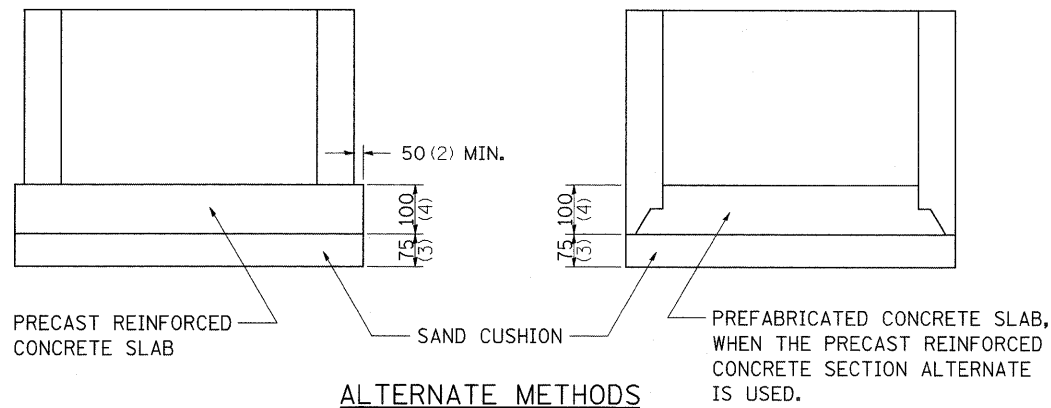
FIELD TILE JUNCTION VAULTS 600 (24) AND 900 (36) DIA.



ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	200 (8)
CAST-IN-PLACE CONCRETE	150 (6)
CONCRETE MASONRY UNIT	125 (5)
PRECAST REINFORCED CONCRETE SECTION	75 (3)

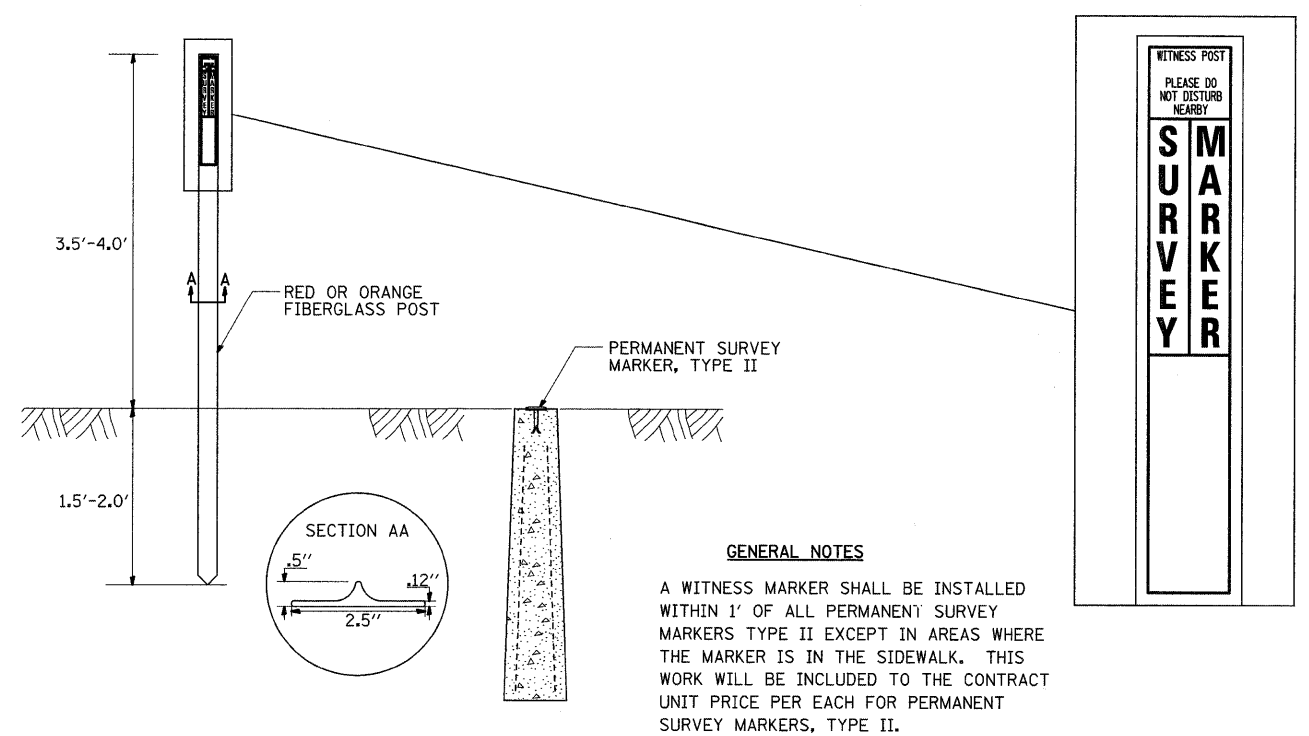
NOTE: THE FRAME AND LID IS REQUIRED ON ALL JUNCTION VAULTS.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



REVISED - 5-03-94

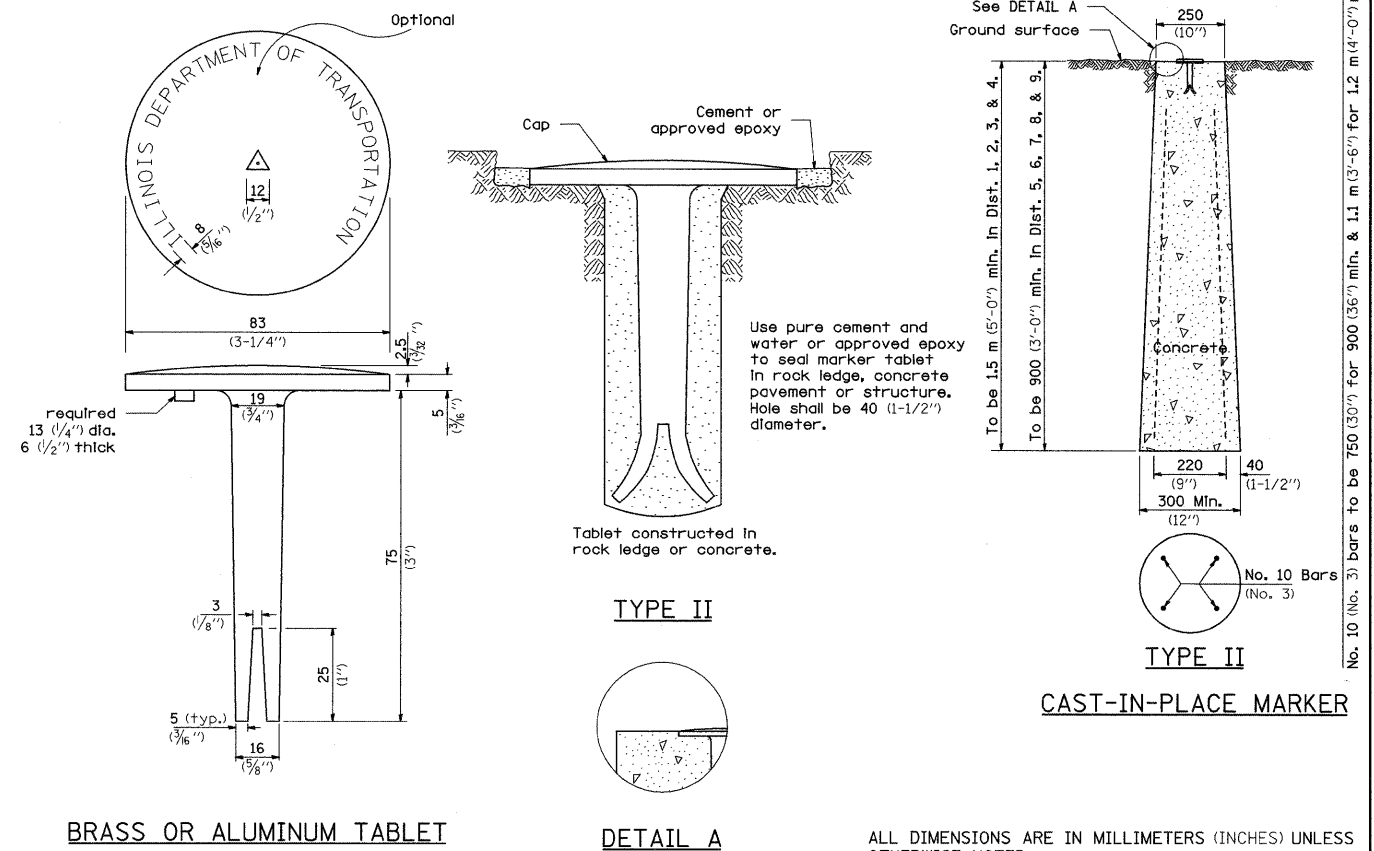
WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.

PERMANENT SURVEY MARKERS, TYPE II



BRASS OR ALUMINUM TABLET

DETAIL A

CAST-IN-PLACE MARKER

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED	10-21-08	REGION 2 / DISTRICT 2 STANDARD				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED	-					1188	118T	Henry	52	29
REVISED	-					CONTRACT NO. 64D13				
REVISED	-	SCALE: 50.0000 / 1" SHEET NO. OF SHEETS STA. TO STA.				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLOT DATE = Tue Mar 10 08:13:20 2009

STORM WATER POLLUTION PREVENTION PLAN EROSION CONTROL PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY:

THIS PROJECT CONSISTS OF FILLING THREE CULVERTS AND REPLACEMENT WITH WITH A 60" RCCP CULVERT WITH A 7' BY 5' IMPROVED INLET

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:

THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING, EMBANKMENT, EXCAVATION, GRADING AND PAVING. THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 5.89 ACRES

PROPOSED R.O.W (TOTAL PARCEL AREA) 3.35 ACRES

DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 4.99 ACRES

SUPPORTING REPORTS AND PLANS

THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
USGS DRAINAGE MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES

STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:

PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

STABILIZATION PRACTICES DURING CONSTRUCTION:

AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

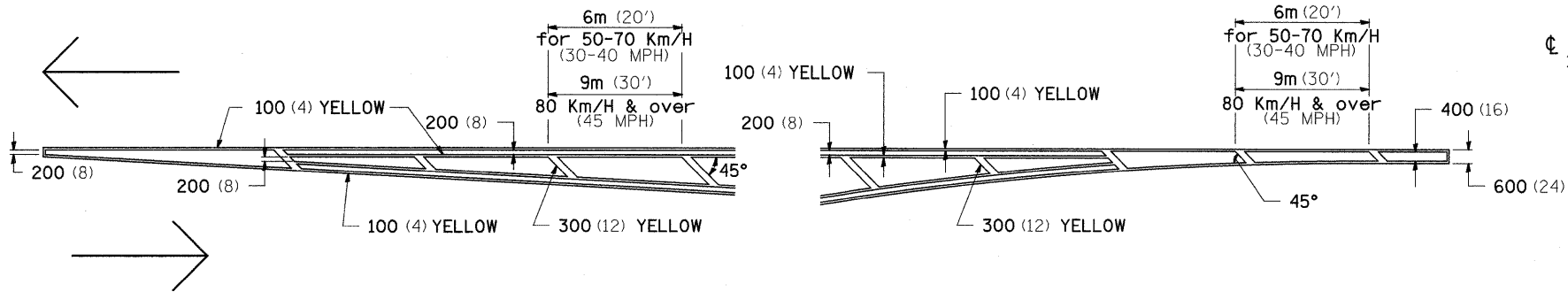
MAINTENANCE AFTER FINAL GRADING

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEDED.

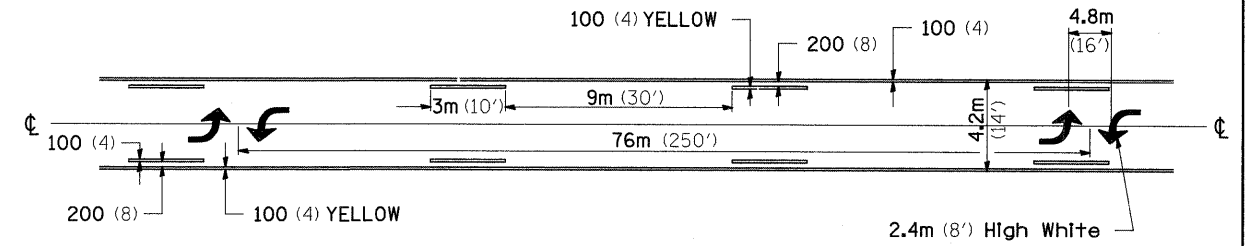
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es:\pwork\PWIDOT\FORDJD\dms33831\0264113-shit-details.dgn		DRAWN -	REVISED -			1188	118T	Henry	52	30	
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PLOT DATE = Tue Mar 10 08:13:21 2009		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

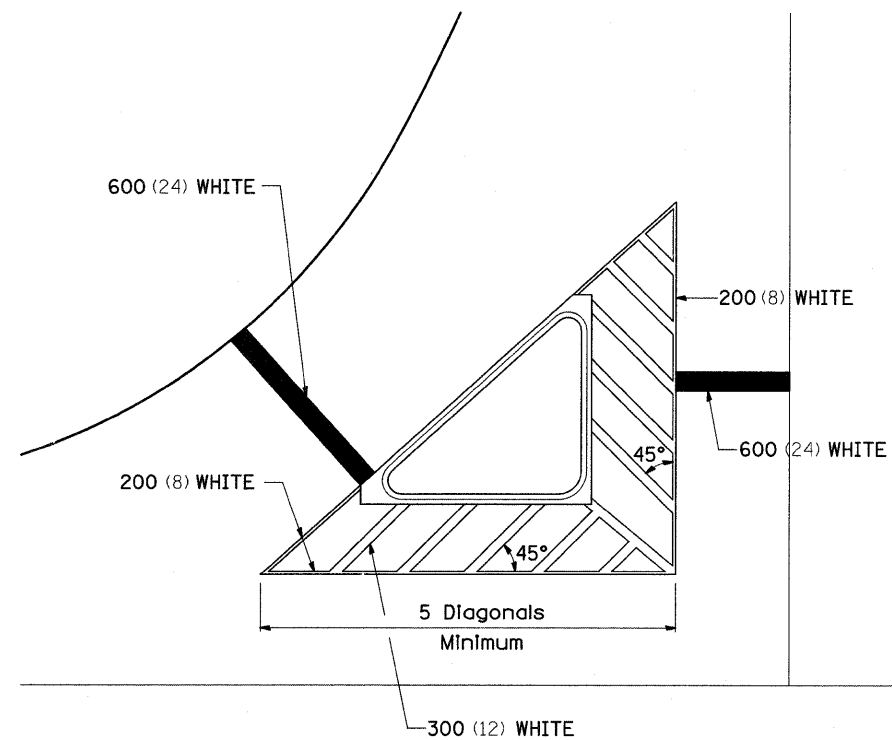


MEDIAN PAVEMENT MARKING

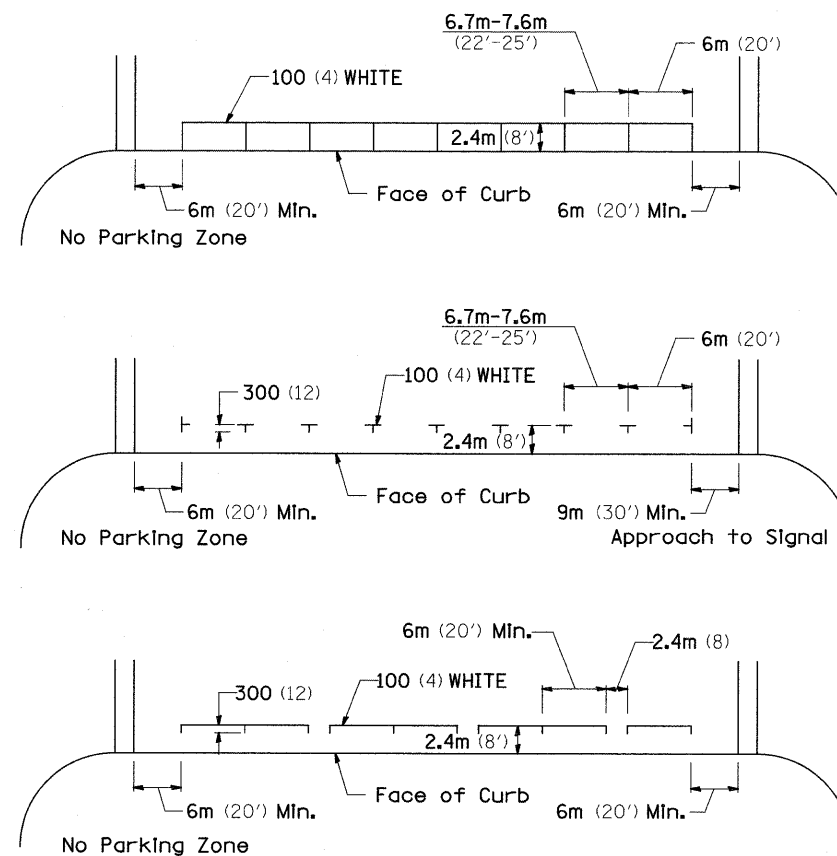


•• ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

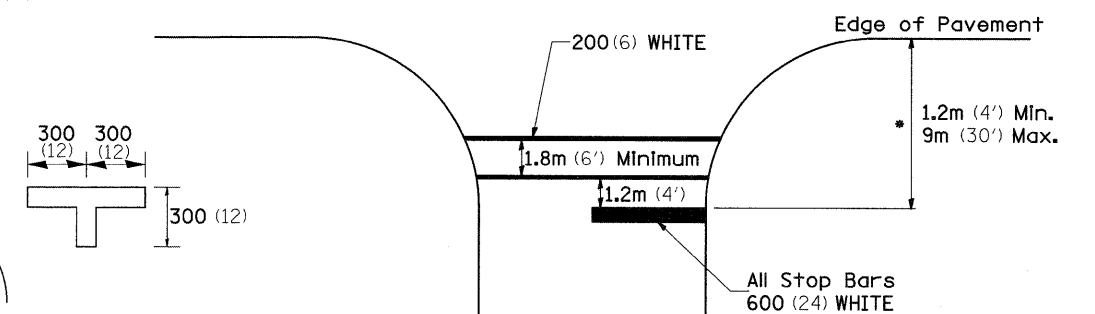


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations

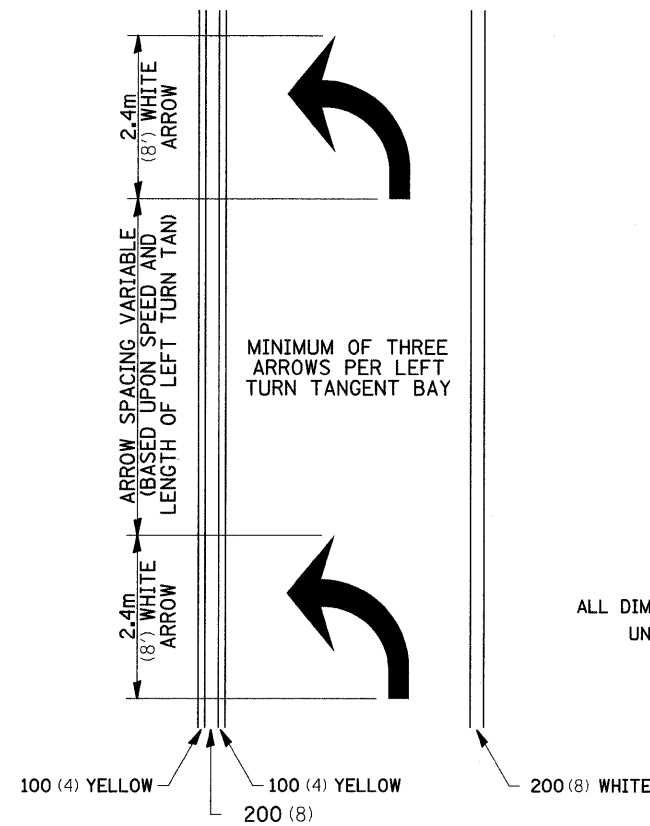


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = FordJd	DESIGNED -	REVISED - 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\DOT\FORDJD\dms33831\0264013-shr-details.dgn	DRAWN -	REVISED -	1188					118T	Henry	52	31	
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PLOT DATE = Tue Mar 10 08:13:21 2009	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									

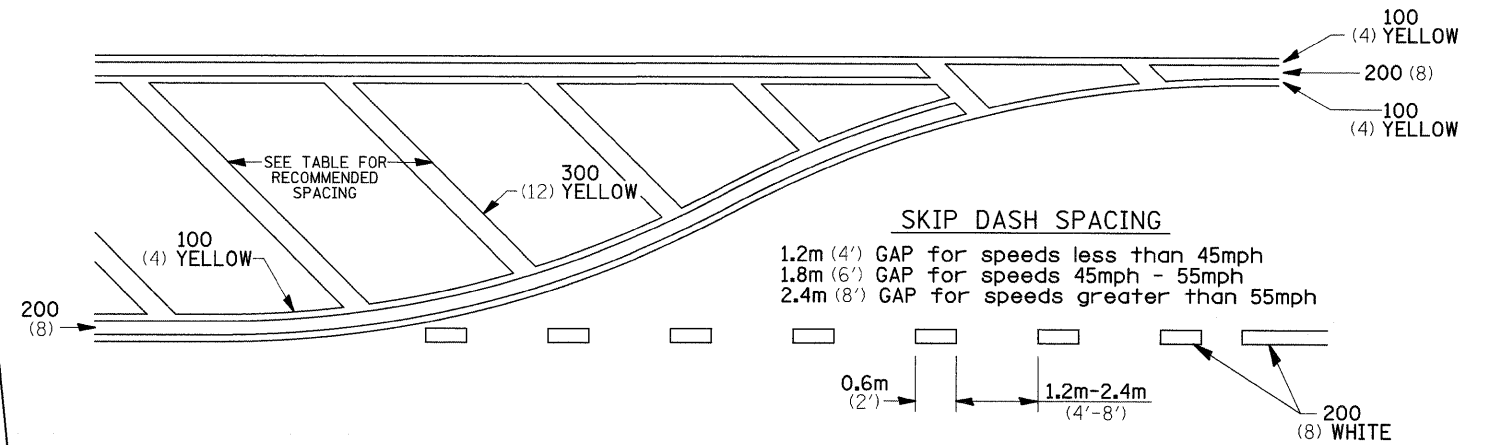
TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT



12.2m
6 at (40') O.C.
APPROACH SIDE ONLY

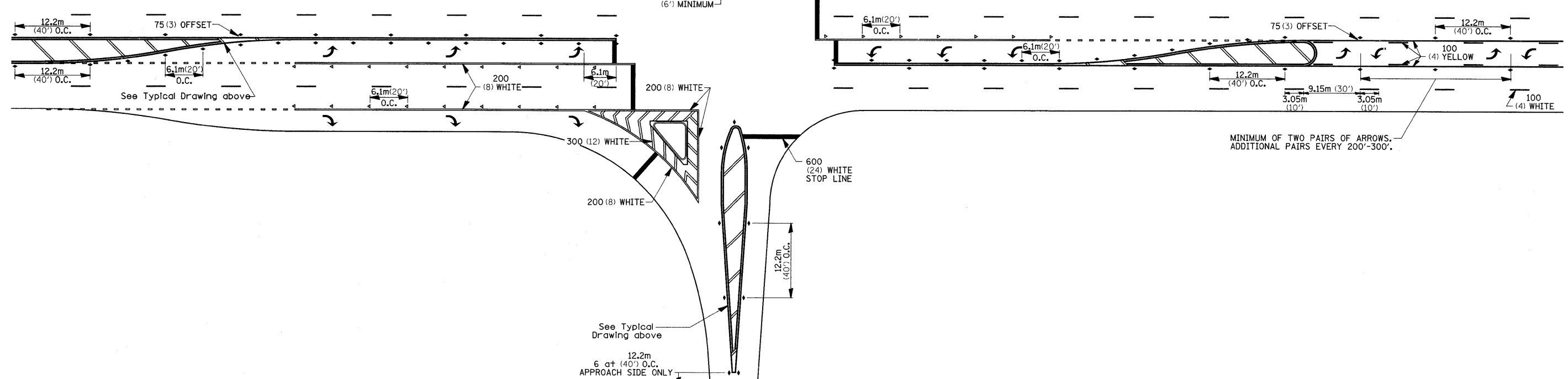
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

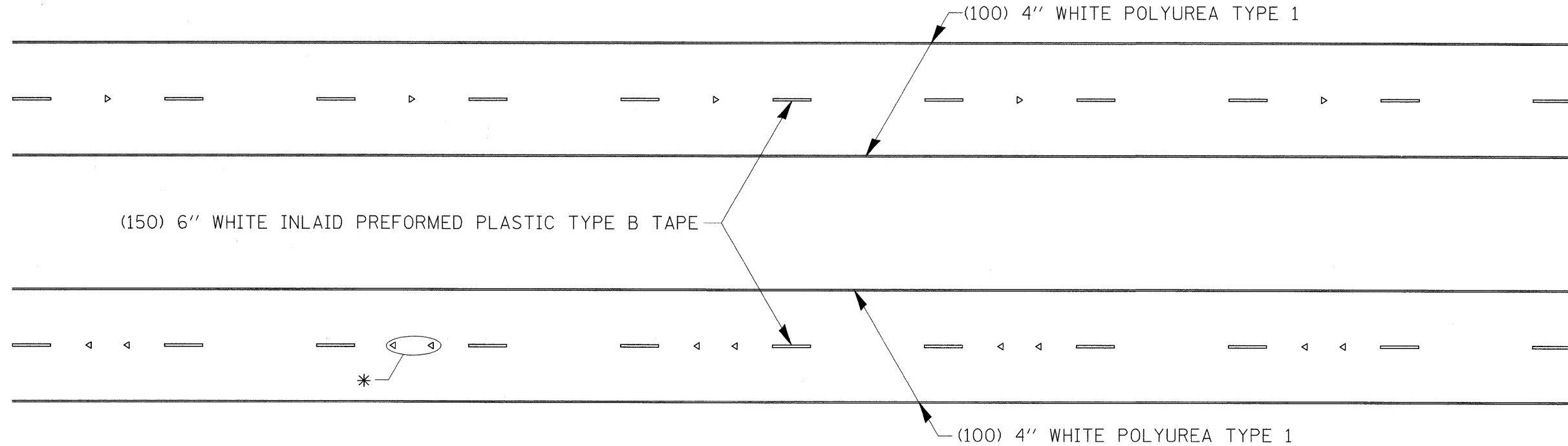
Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

NOTE: If the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



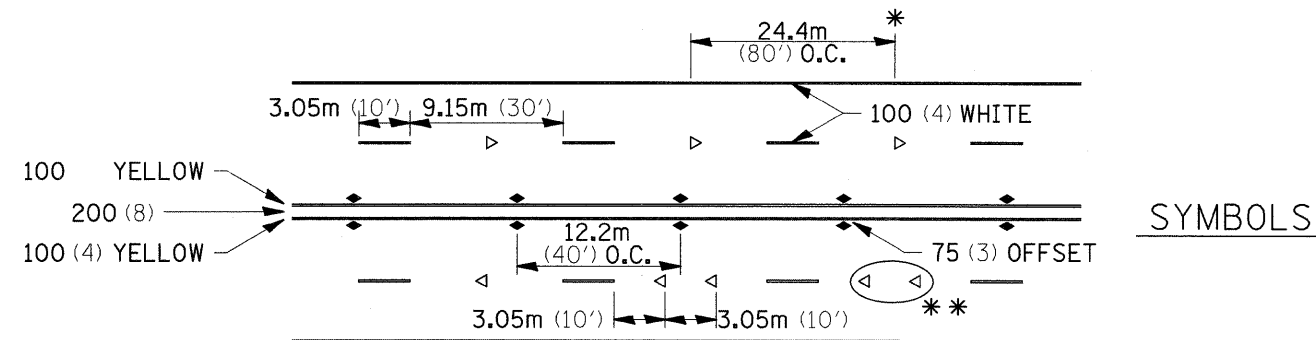
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02\pwork\pwidot\FORDJD\dms33831\26413-shd-details.dgn		DRAWN -	REVISED -					1188	118T	Henry	52	32
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -					CONTRACT NO. 64D13				
PLOT DATE = Tue Mar 10 08:13:21 2009		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS



* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.
USE DOUBLE MARKERS WHEN ADT \geq 25,000.

MULTI-LANE / DIVIDED

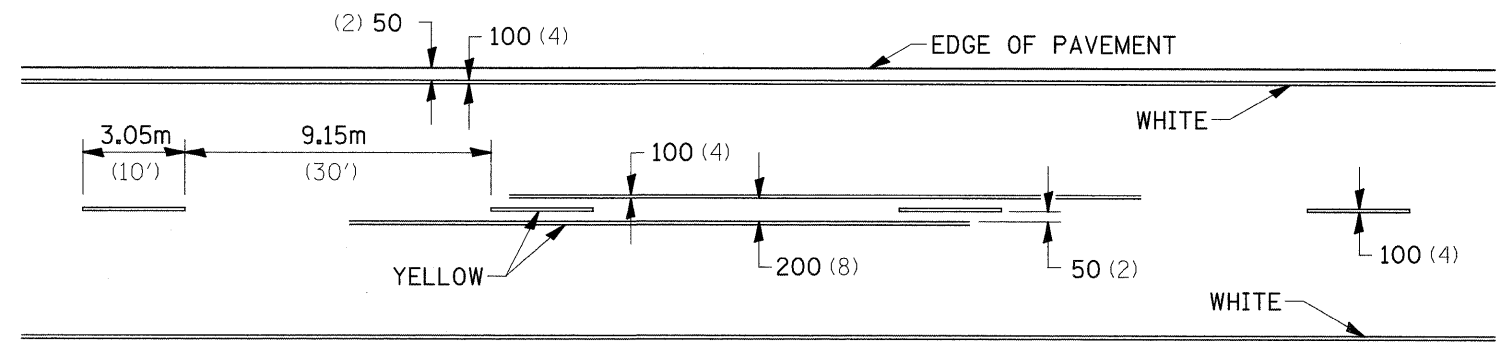


* REDUCE TO 12.2m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 15Km/H (10MPH) LOWER THAN POSTED SPEEDS.

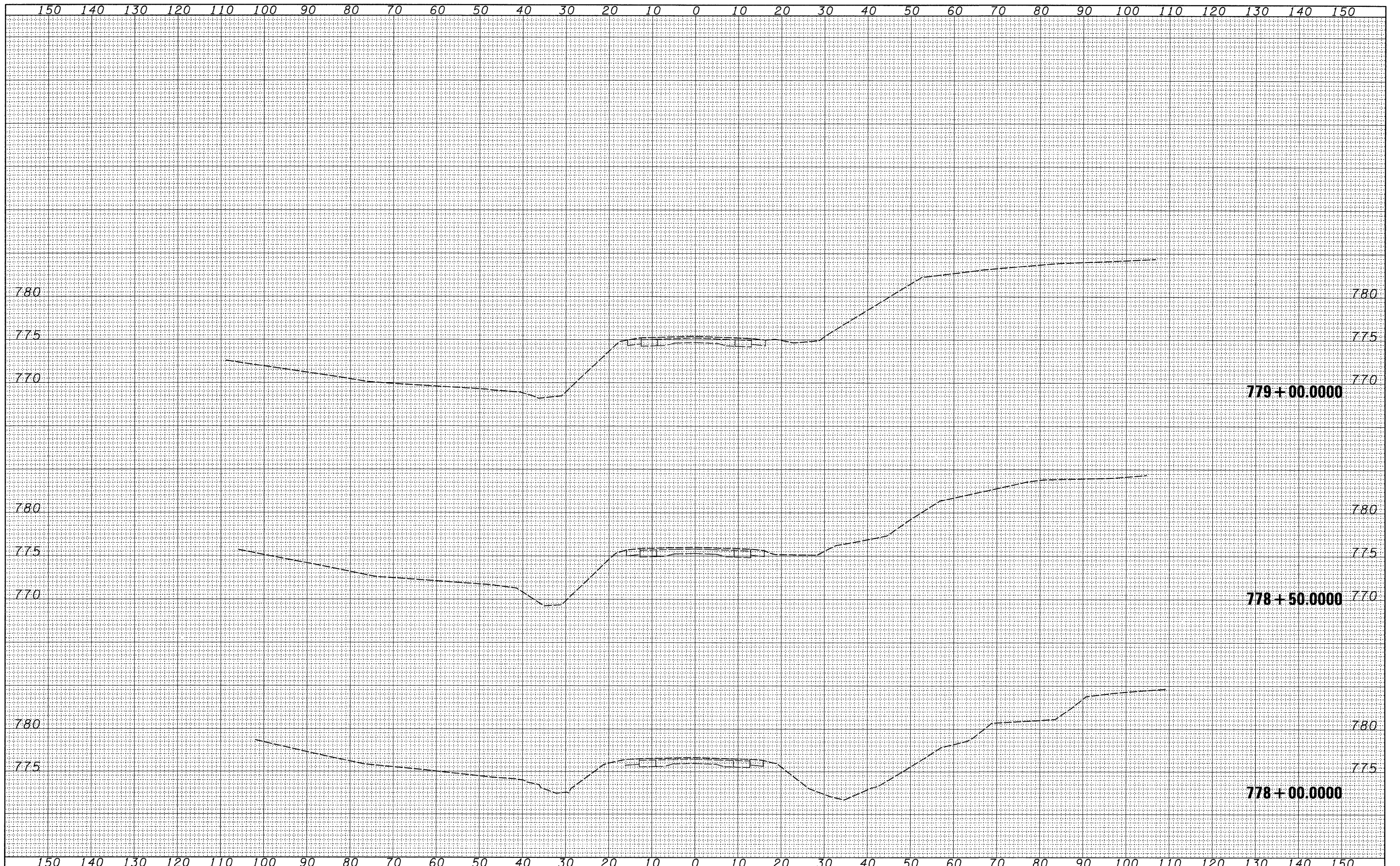
** USE DOUBLE MARKERS WHEN ADT \geq 25,000

MULTI-LANE / UNDIVIDED

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



FILE NAME =	USER NAME = ford,jd	DESIGNED -	REVISED - 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\p\WIDOT\FORDJD\dms33831\026413-sht-details.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -					1188	118T	Henry	52	33
PLOT DATE = Tue Mar 10 08:13:22 2009	DATE -	CHECKED -	REVISED -		CONTRACT NO. 64D13							
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

FILE NAME =
 c:\pwork\pwork\fordjd\dms33831\d05307.xml.dgn

USER NAME = fordjd
 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = Tue Mar 10 08:12:42 2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

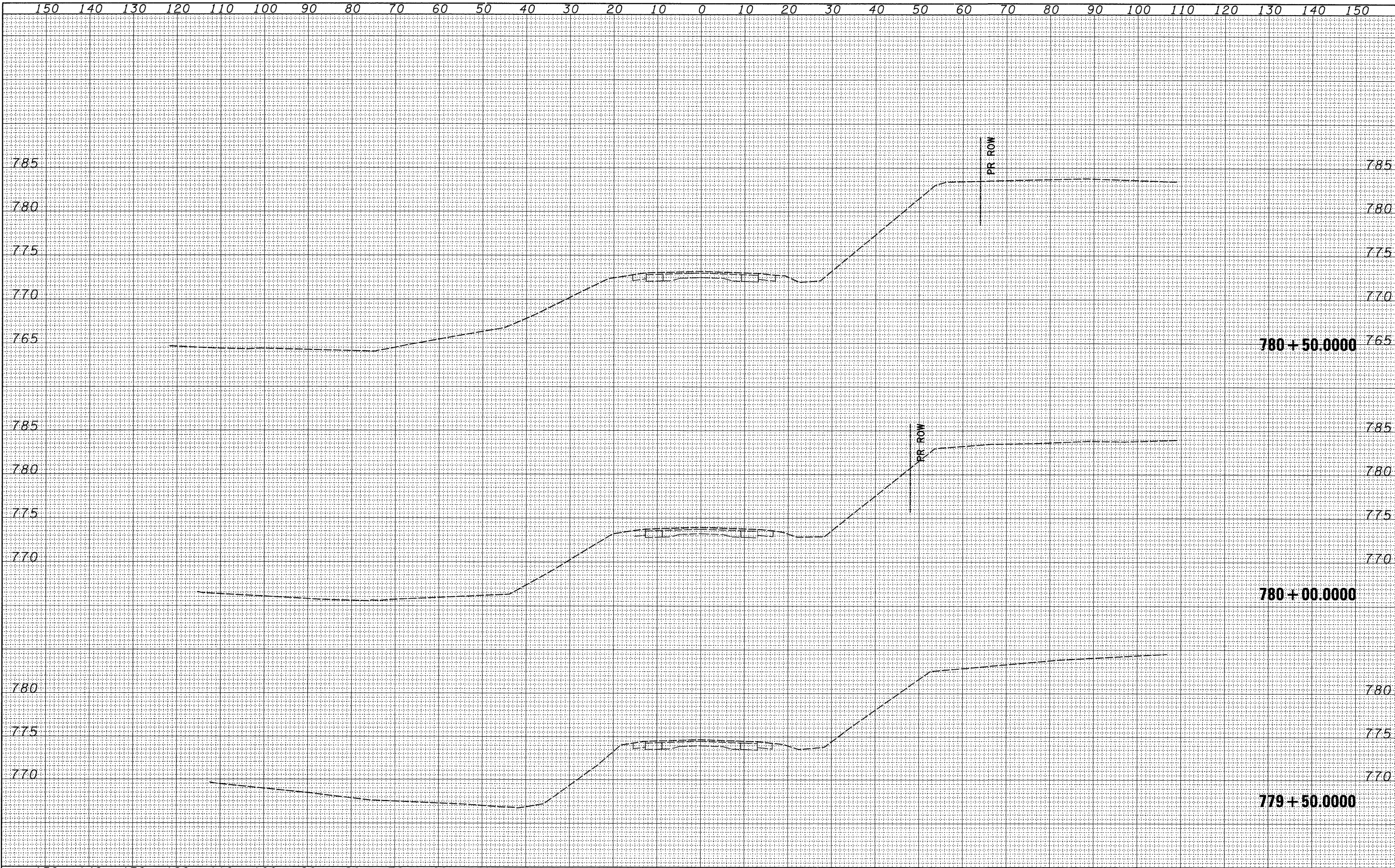
US 150

SCALE: SHEET NO. OF SHEETS STA. 778+00.0000 TO STA. 779+00.0000

F.A.S. RTE. 1188	SECTION 118T	COUNTY Henry	TOTAL SHEETS 52	SHEET NO. 35
CONTRACT NO. 64013				
ILLINOIS FED. AID PROJECT				

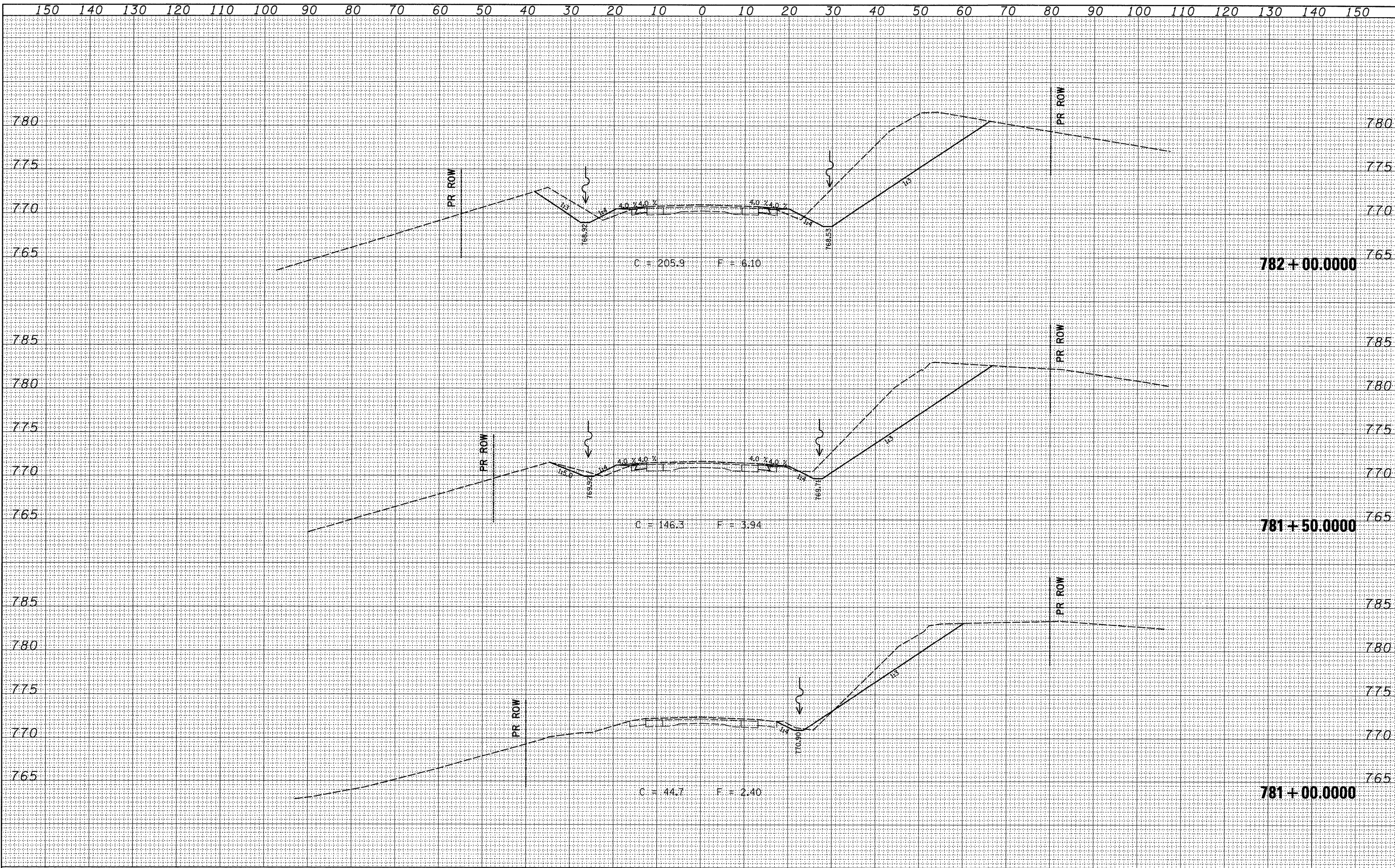
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BY	
FINAL SURVEY	
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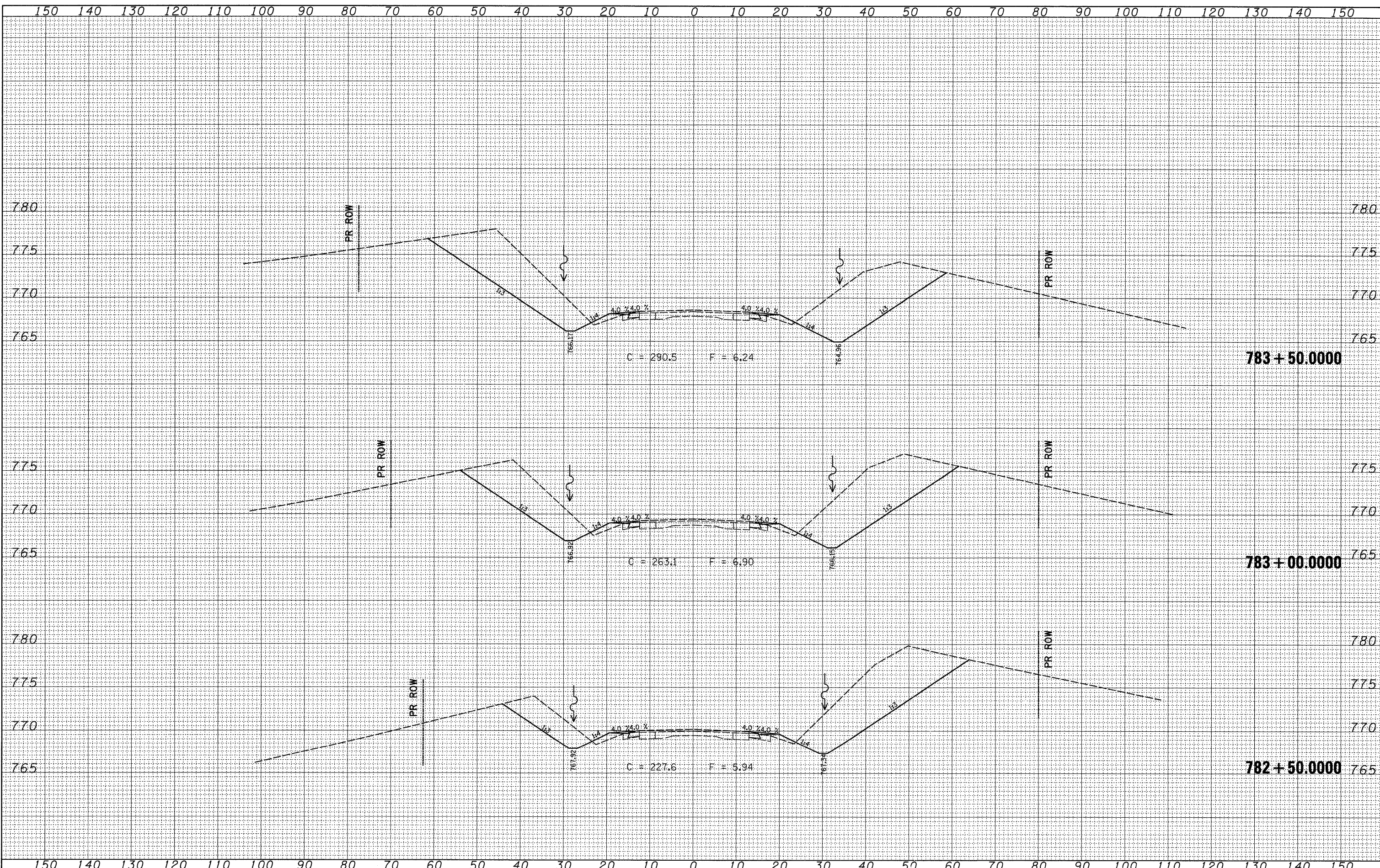
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BY	
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NOTE BOOK	
NO.	



FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS	
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ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	
NO.	



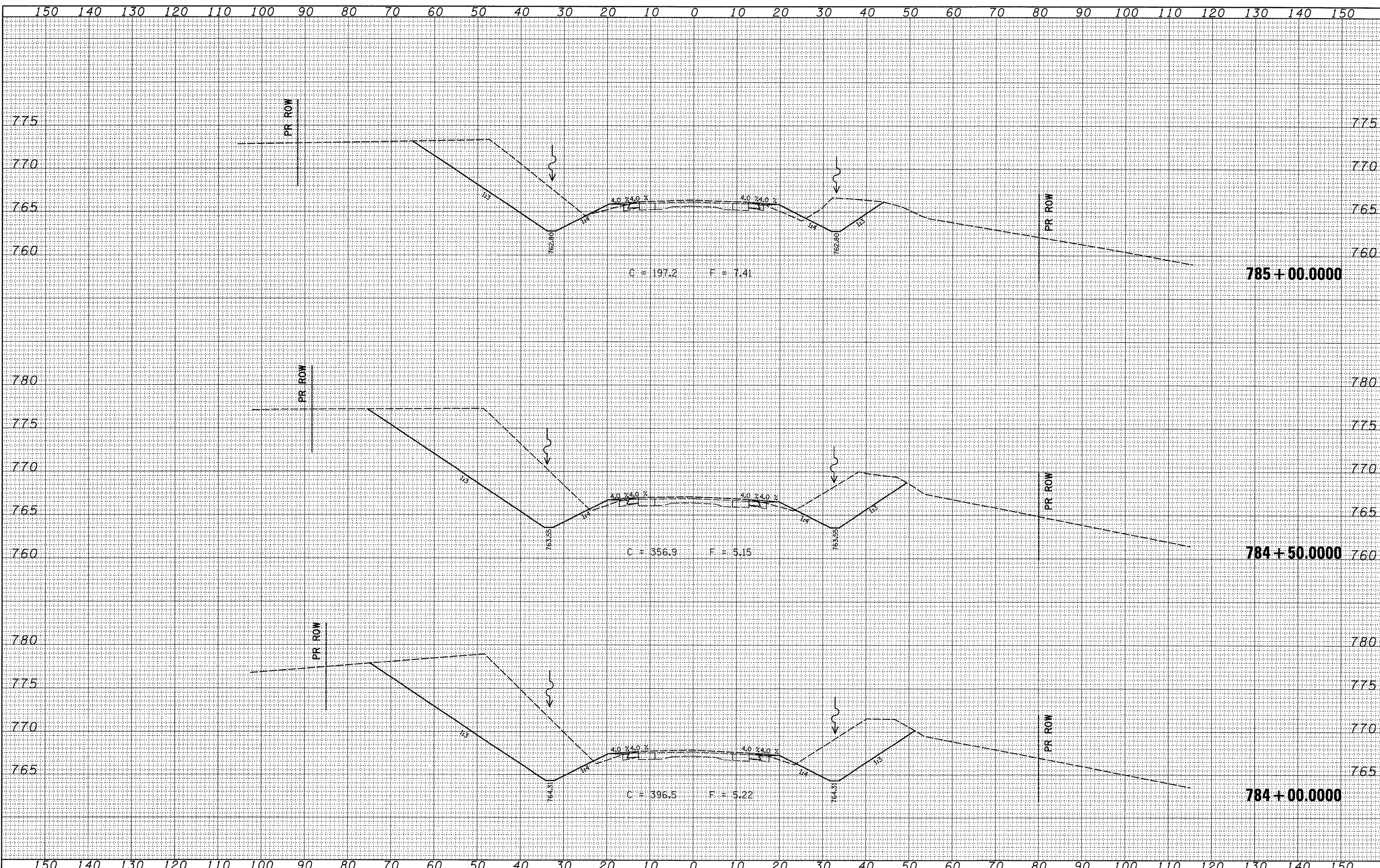


FINAL	DATE
SURVEYED	
PLANNED	
NOTE BOOK	
AREAS	
CHECKED	

ORIGINAL	DATE
SURVEYED	
PLANNED	
NOTE BOOK	
AREAS	
CHECKED	

FINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	



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DESIGNED -
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 DATE -

REVISED -
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 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

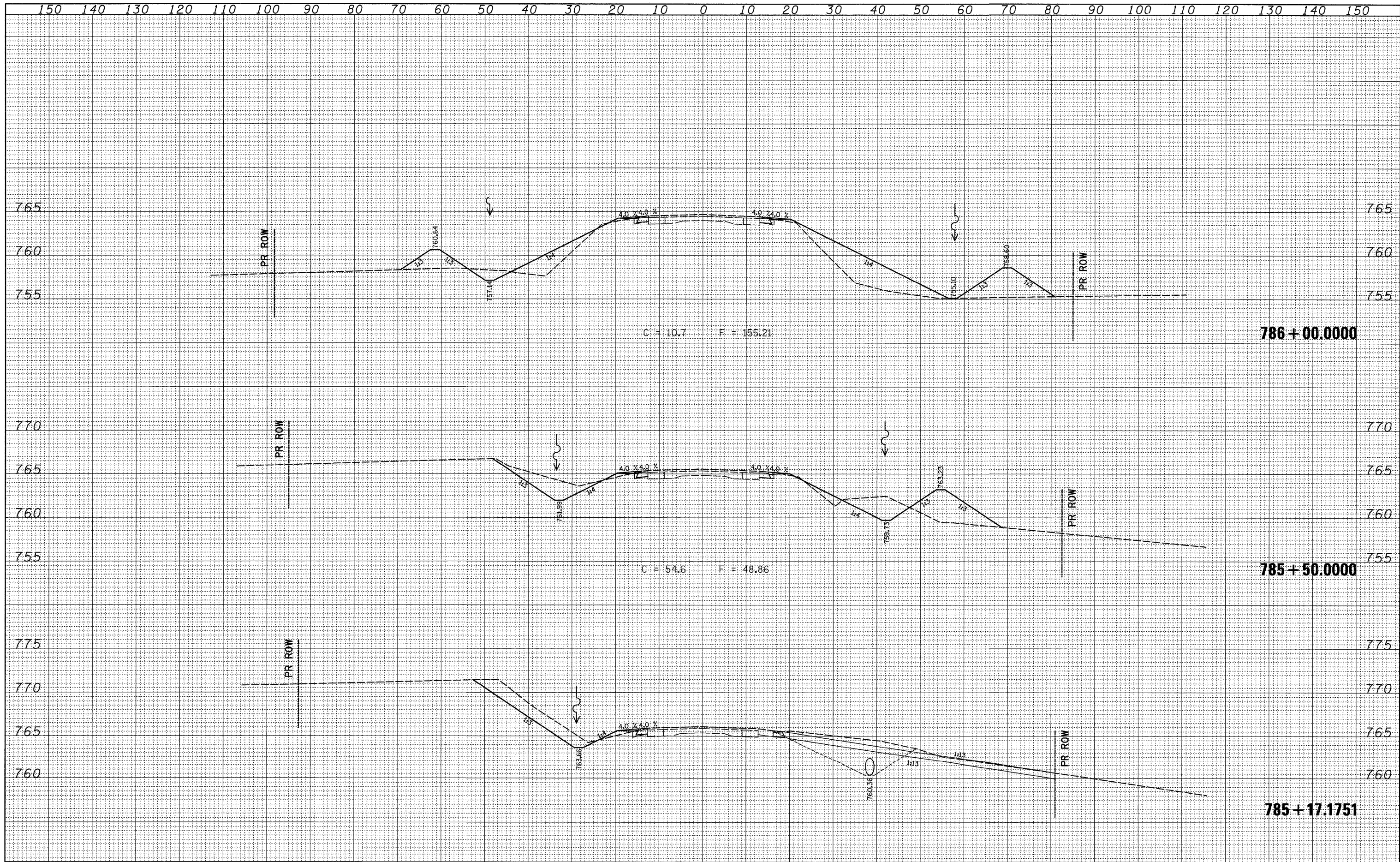
US 150

SCALE: SHEET NO. OF SHEETS STA. 784+00.0000 TO STA. 785+00.0000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1188	118T	Henry	52	39
CONTRACT NO. 64D13				
ILLINOIS FED. AID PROJECT				

DATE _____
 BY _____
 SURVEYED _____
 CHECKED _____
 ORIGINAL SURVEY _____
 NOTE BOOK _____
 NO. _____

DATE _____
 BY _____
 SURVEYED _____
 CHECKED _____
 ORIGINAL SURVEY _____
 NOTE BOOK _____
 NO. _____



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150

FILE NAME =
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REVISIED -
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 REVISIED -

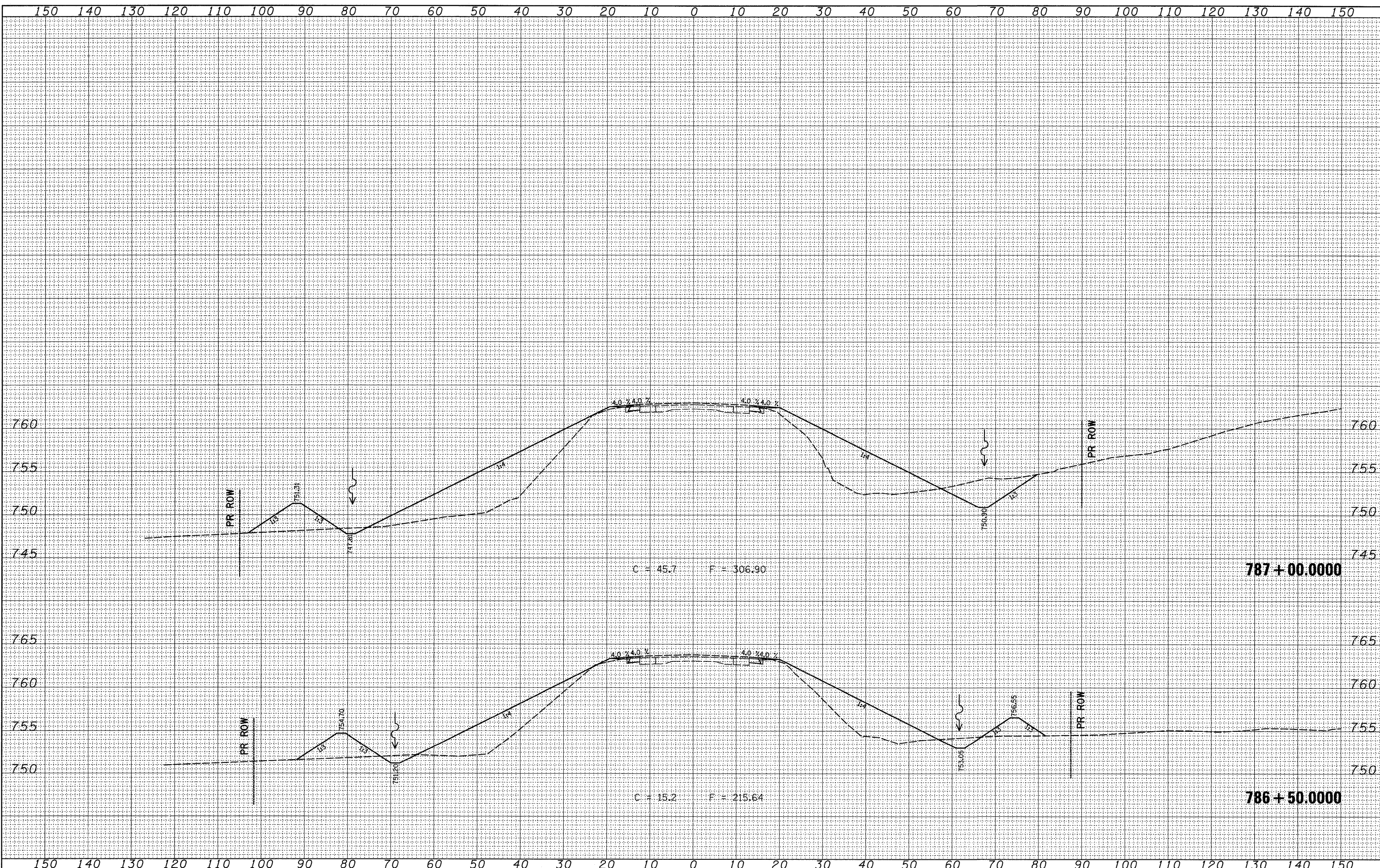
SCALE: _____
 SHEET NO. _____ OF _____ SHEETS
 STA. 785+17.1751 TO STA. 786+00.0000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1188	118T	Henry	52	40

CONTRACT NO. 64D13
 ILLINOIS FED. AID PROJECT

FINAL SURVEY	BY	DATE
SURVEYED		
PLANNED		
NOTED		
AREAS		
CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLANNED		
NOTED		
AREAS		
CHECKED		
NO.		



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DESIGNED -	REVISED -
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DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

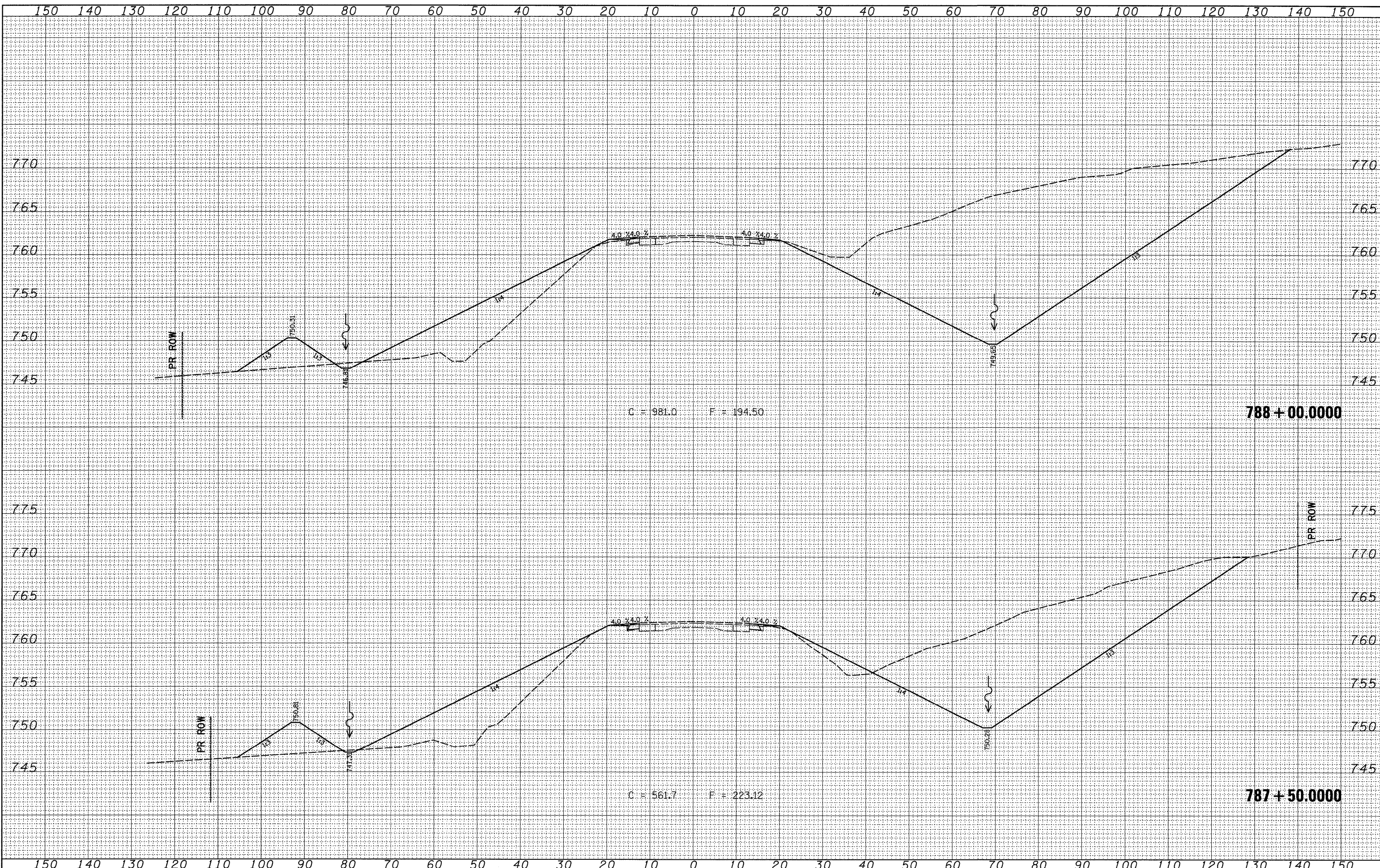
US 150

SCALE: SHEET NO. OF SHEETS STA. 786+50.0000 TO STA. 787+00.0000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1188	118T	Henry	52	41
CONTRACT NO. 64D13				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	

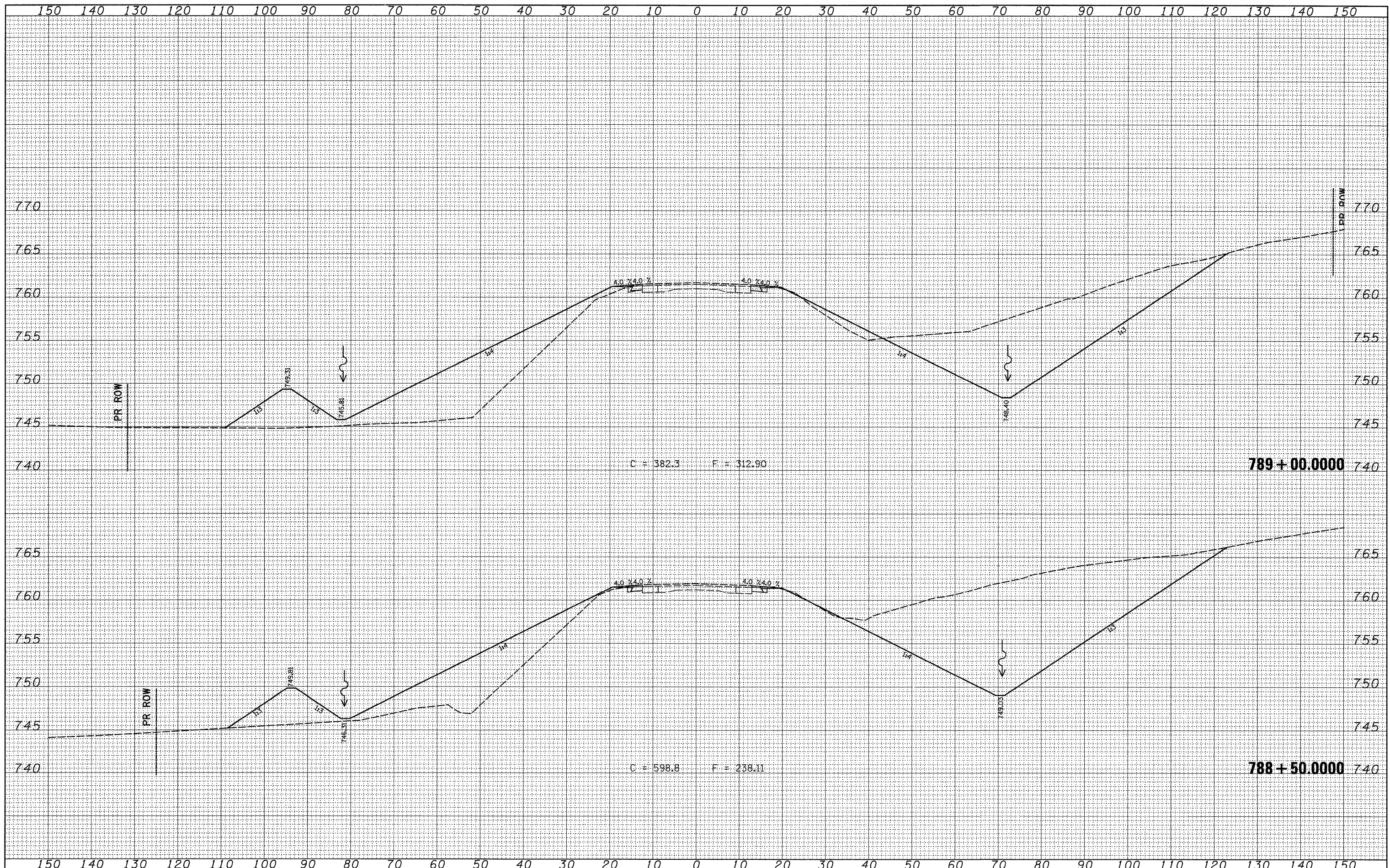
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PLOTTED	
NOTE BOOK	
AREAS	
AREAS CHECKED	



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = Tue Mar 10 08:12:45 2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 64D13					
		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA. 787+50.0000 TO STA. 788+00.0000	ILLINOIS FED. AID PROJECT

FINAL SURVEY	DATE
NO. _____	_____
BY _____	_____
SURVEYED	FORM NO.
NOTE BOOK	AREAS CHECKED
NO. _____	_____

ORIGINAL SURVEY	DATE
NO. _____	_____
BY _____	_____
SURVEYED	FORM NO.
NOTE BOOK	AREAS CHECKED
NO. _____	_____



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USER NAME = fordjd
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 DRAWN -
 CHECKED -
 PLOT DATE = Tue Mar 10 08:12:45 2009

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

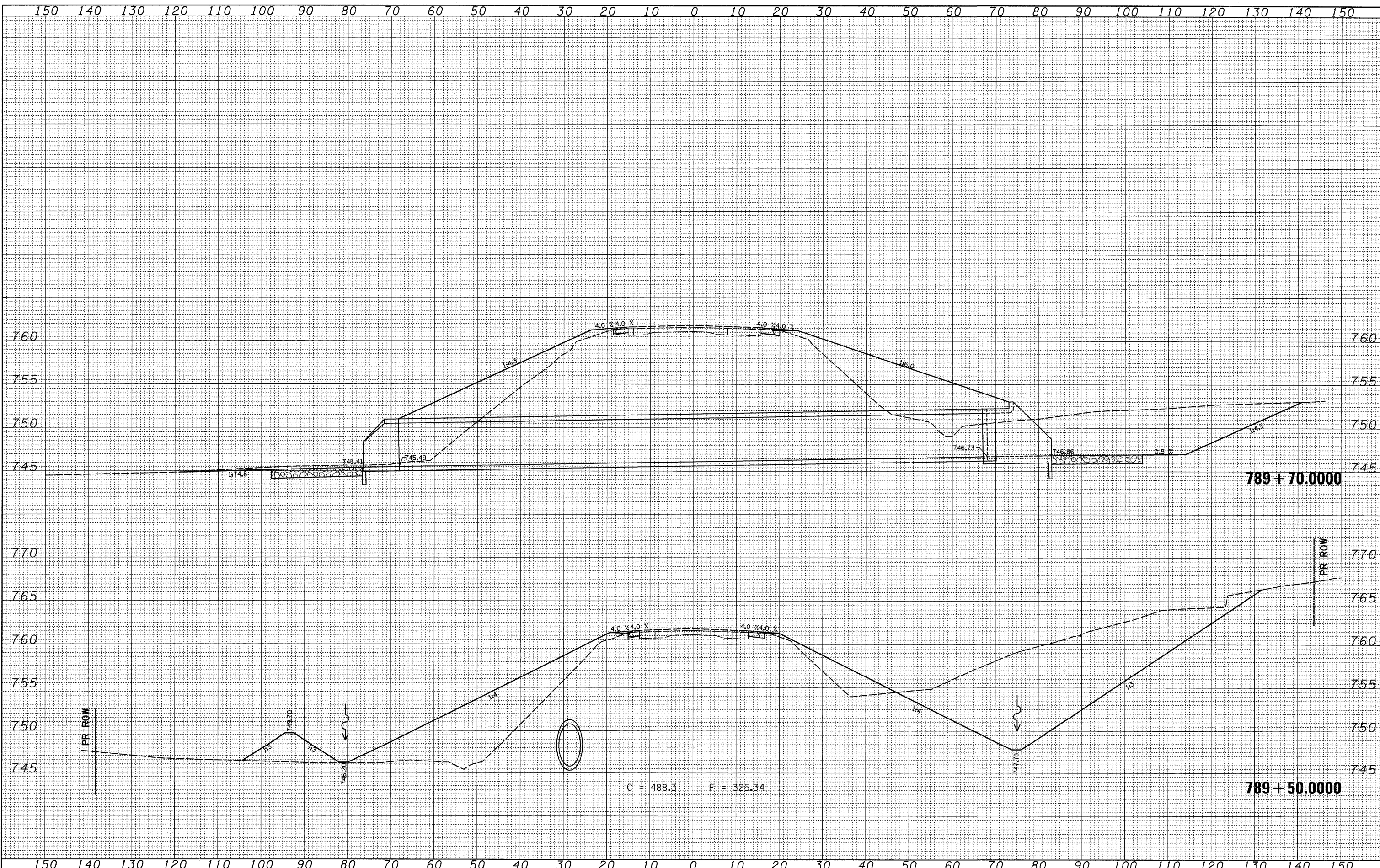
US 150

SCALE: SHEET NO. OF SHEETS STA. 788+50.0000 TO STA. 789+00.0000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1188	118T	Henry	52	43
CONTRACT NO. 64D13				
ILLINOIS FED. AID PROJECT				

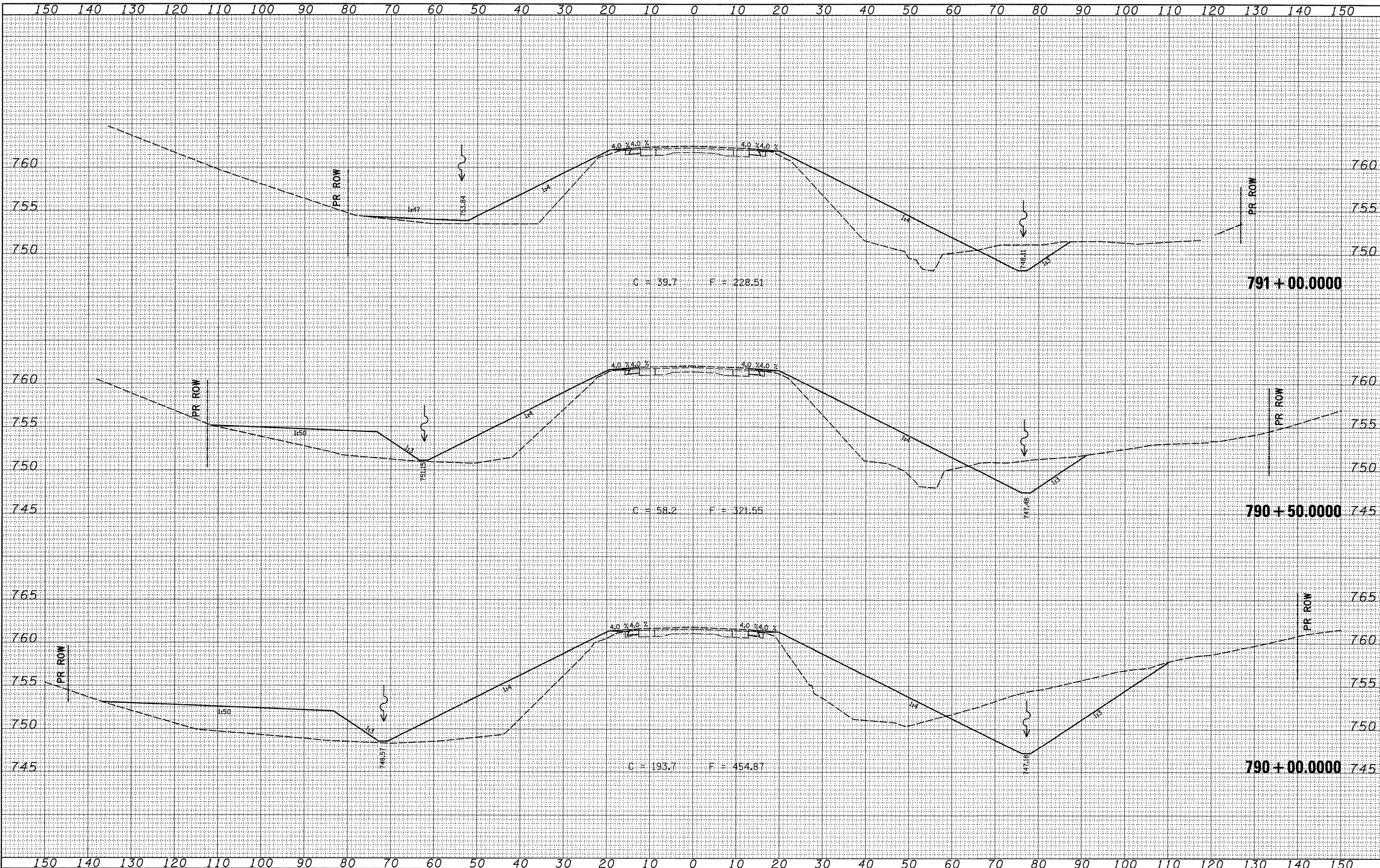
FINAL SURVEY BY DATE
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK NO.
 AREAS CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK NO.
 AREAS CHECKED



DATE	
BY	
SURVEYED	
PLANNED	
FIELD	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLANNED	
FIELD	
NOTE BOOK	
NO.	



FILE NAME =
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 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISIONS
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

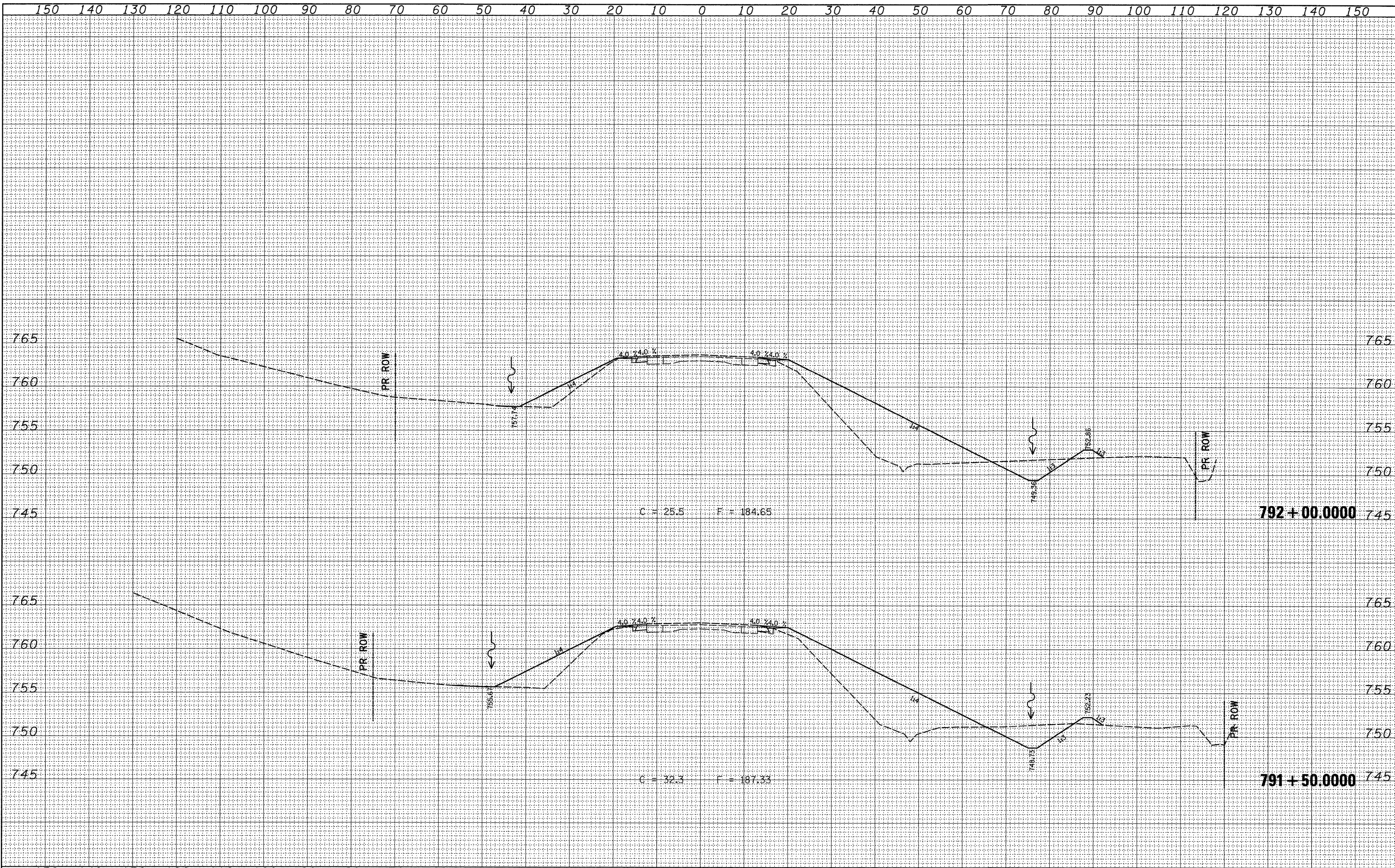
US 150

SCALE: SHEET NO. OF SHEETS STA. 790+00.000 TO STA. 791+00.000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1188	118T	Henry	52	45
CONTRACT NO. 64D13				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
NO.	

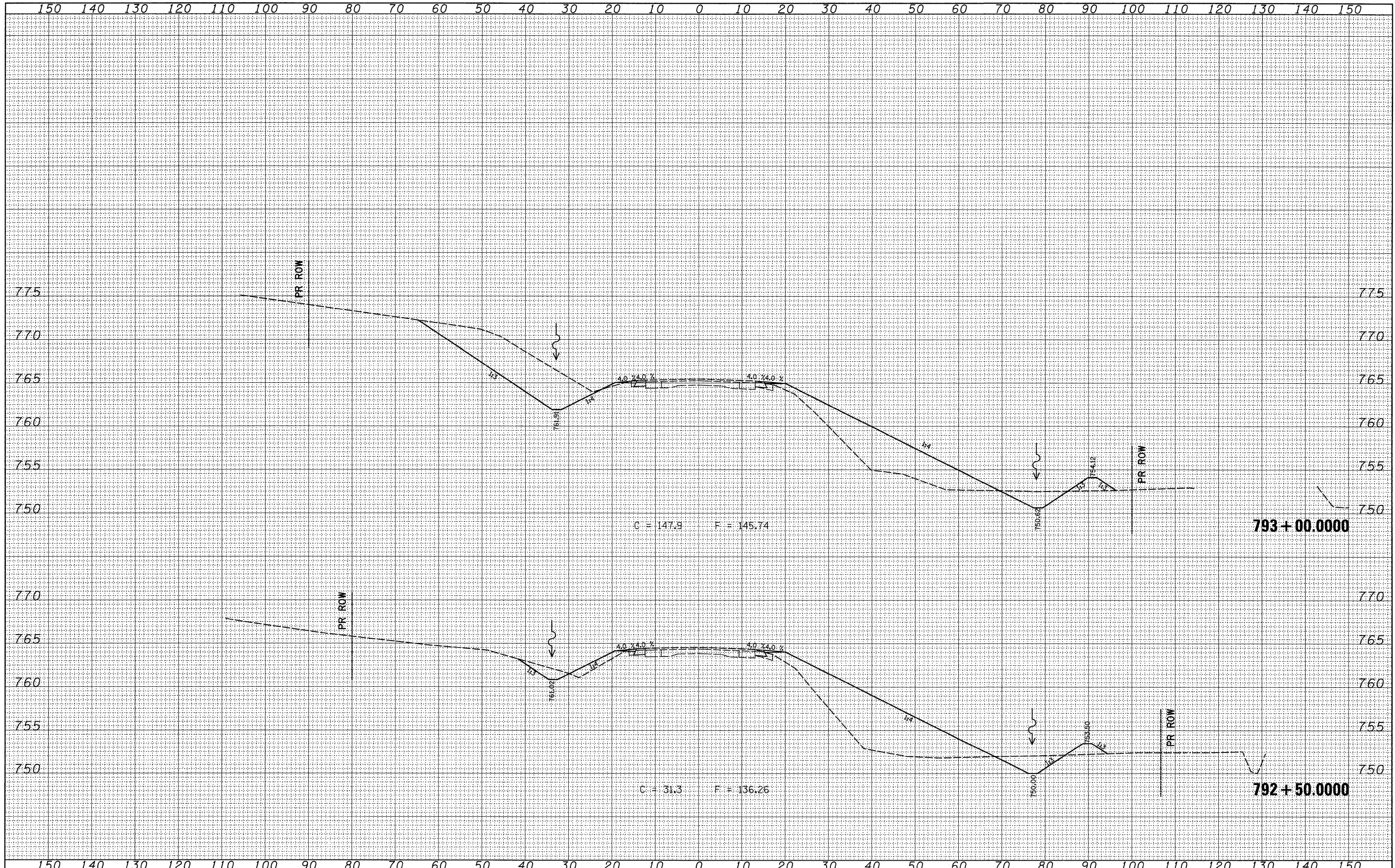
ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = Tue Mar 10 08:12:46 2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 64D13					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

FINAL SURVEY
 SURVEYED BY: _____ DATE: _____
 NOTE BOOK NO.: _____
 AREAS CHECKED: _____

ORIGINAL SURVEY
 SURVEYED BY: _____ DATE: _____
 NOTE BOOK NO.: _____
 AREAS CHECKED: _____



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 DESIGNED -
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 CHECKED -
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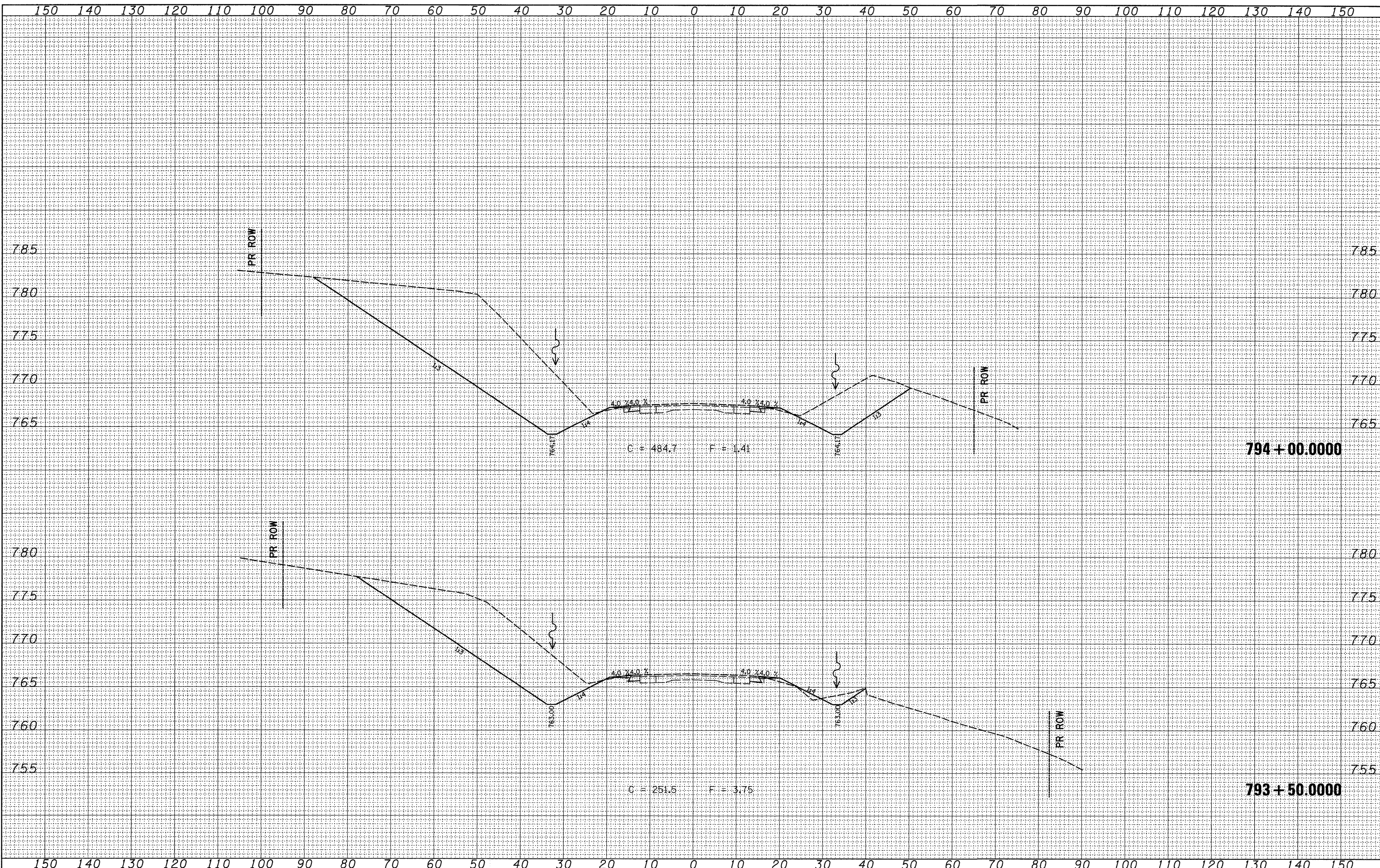
REVISED -
 REVISED -
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 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150

SCALE: SHEET NO. OF SHEETS STA. 792+50.0000 TO STA. 793+00.0000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1188	118T	Henry	52	47
CONTRACT NO. 64D13				
ILLINOIS FED. AID PROJECT				



FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

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 PLOT DATE = Tue Mar 10 08:12:47 2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

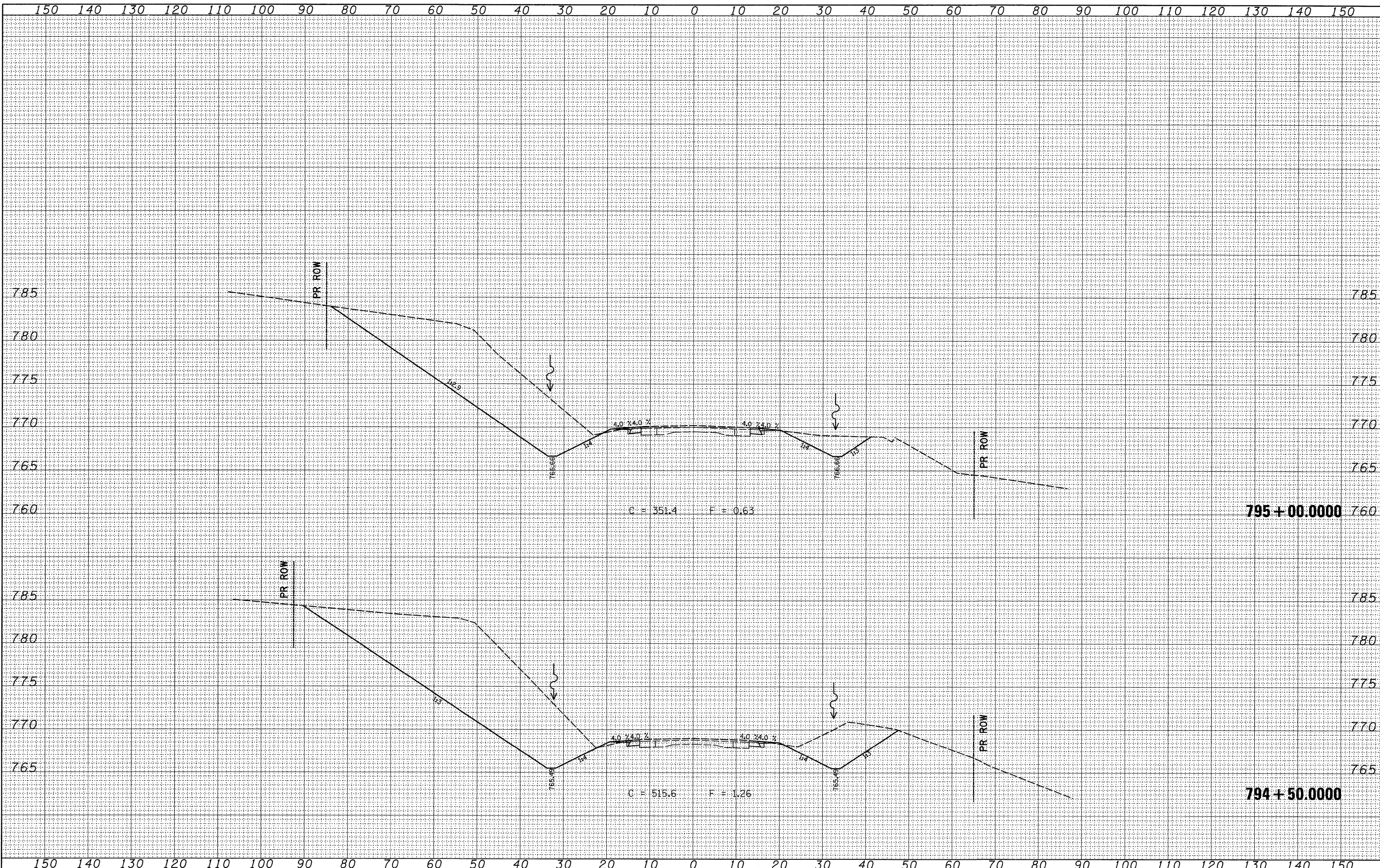
US 150

SCALE: SHEET NO. OF SHEETS STA. 793+50.0000 TO STA. 794+00.0000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1188	118T	Henry	52	48
CONTRACT NO. 64D13				
ILLINOIS FED. AID PROJECT				

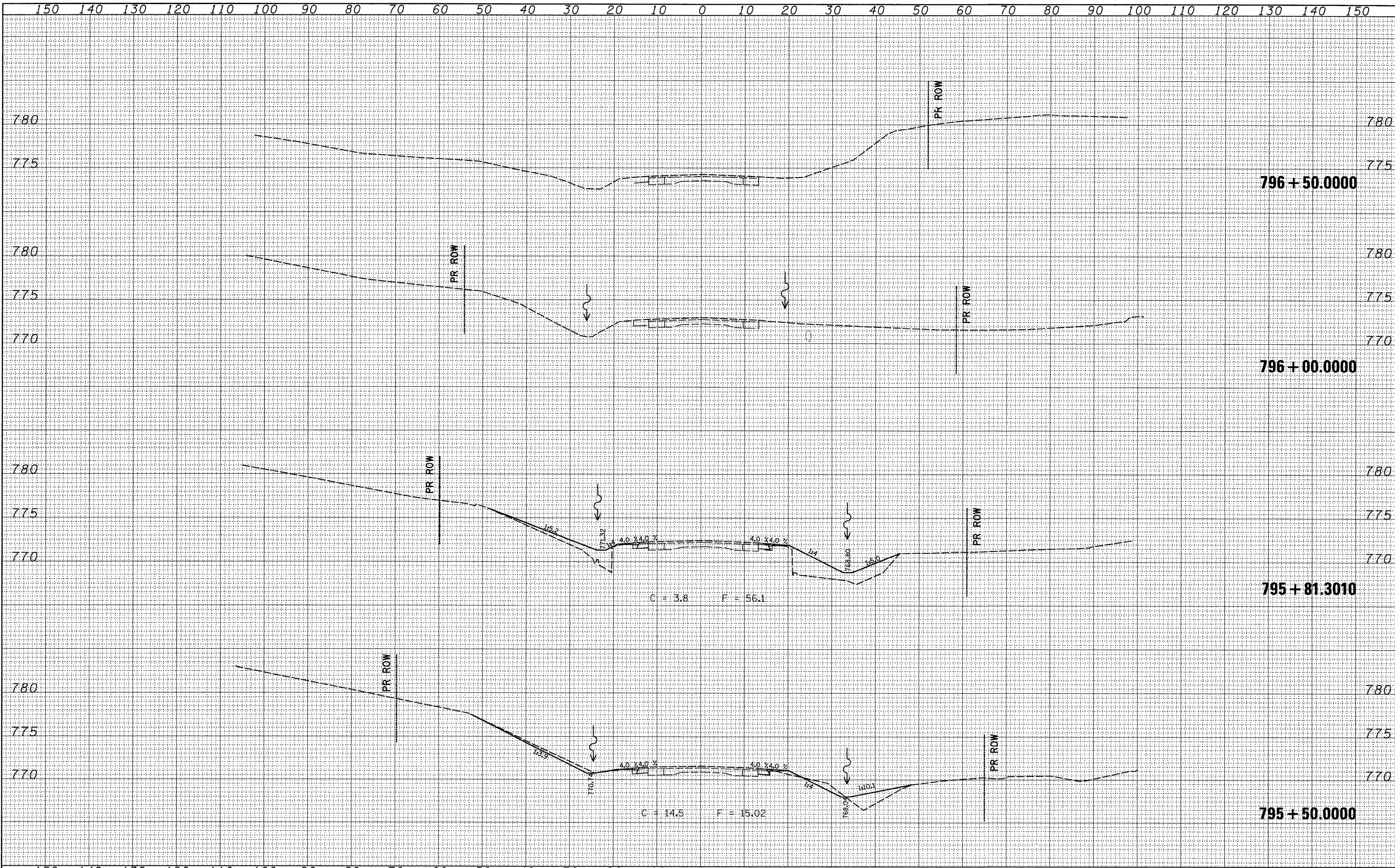
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BY	
SURVEYED	
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NOTE BOOK	
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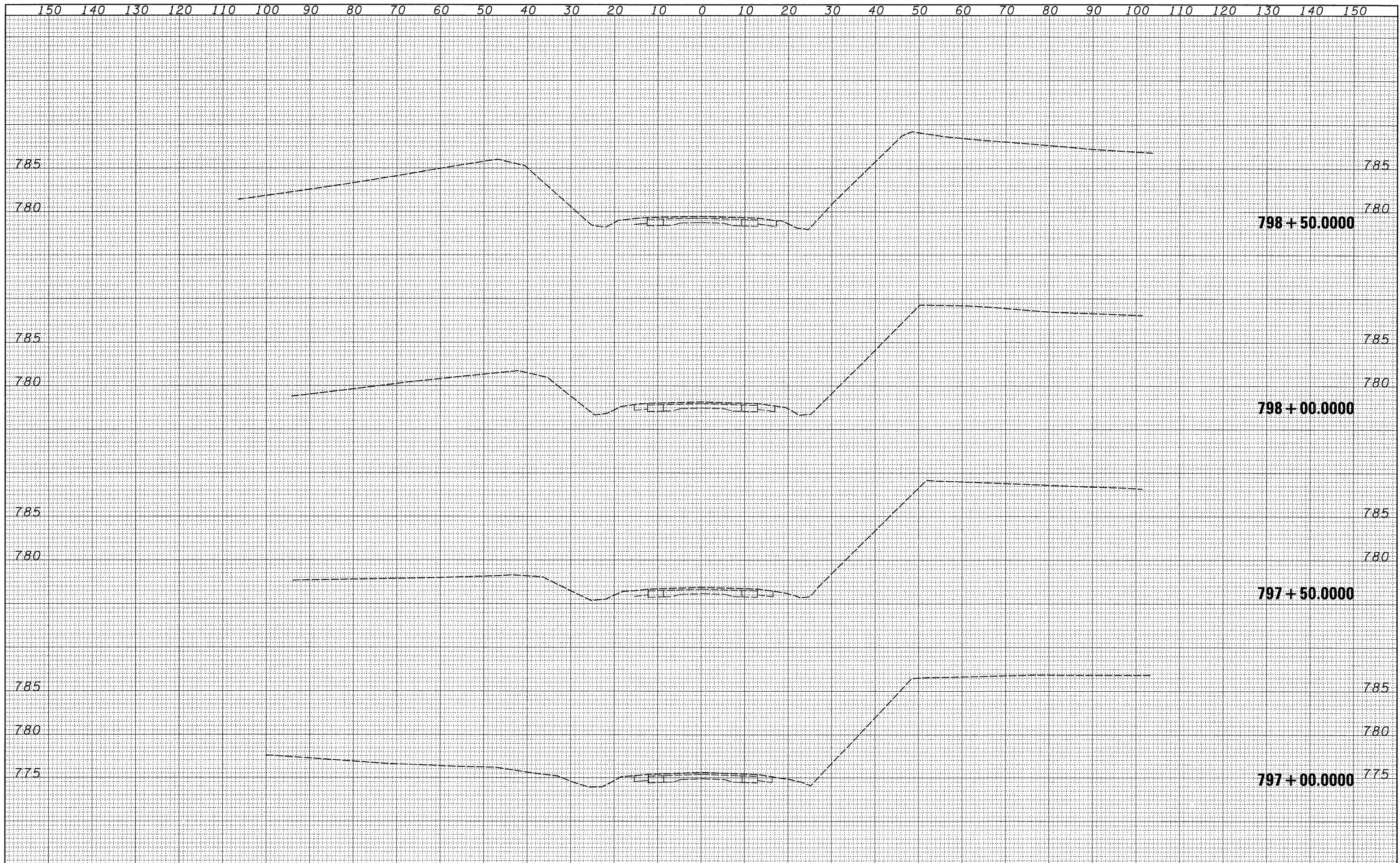
DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



DATE	
BY	
FINAL SURVEY	
FLIGHTED	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
FLIGHTED	
NOTE BOOK	
AREAS CHECKED	
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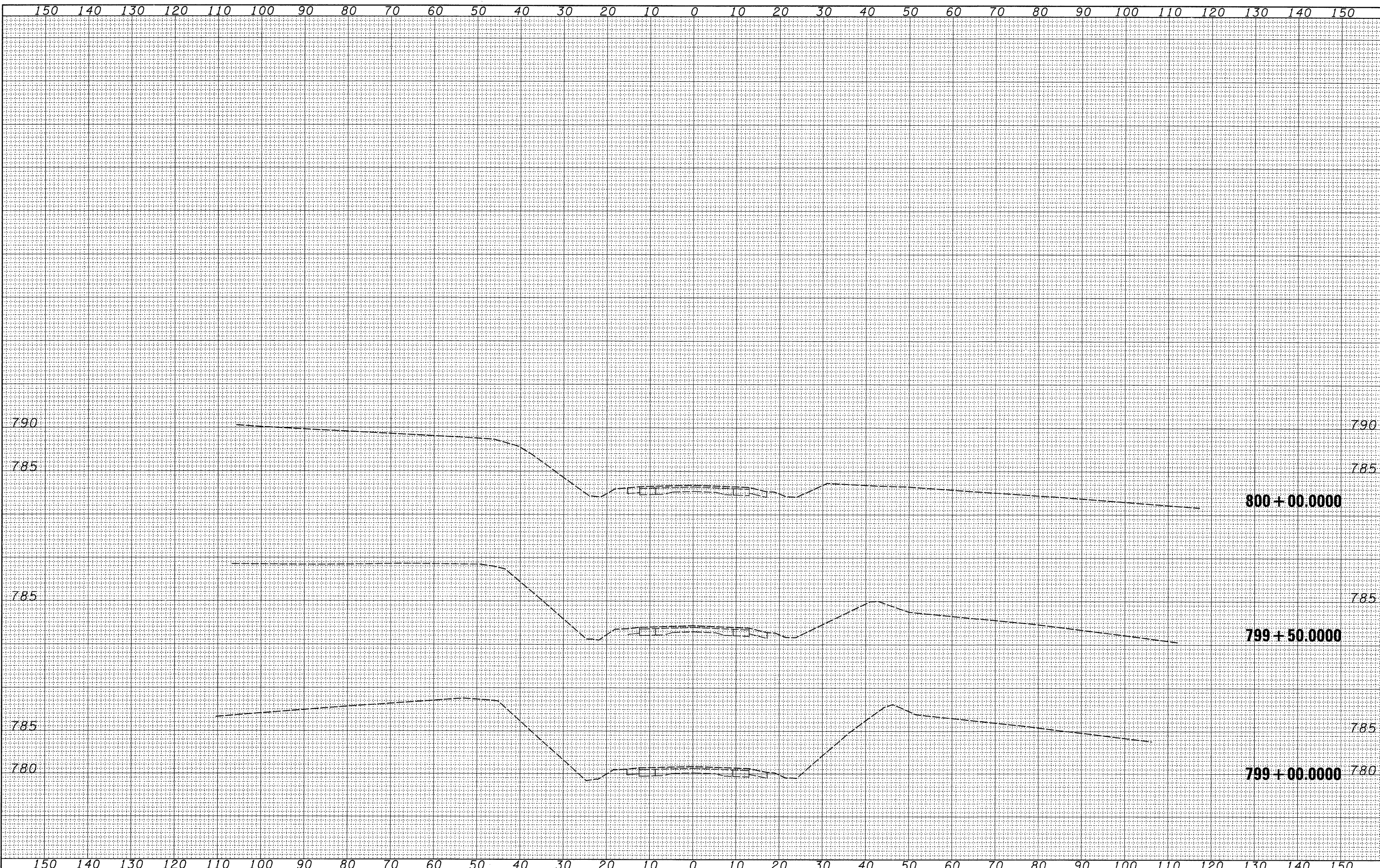




FINAL SURVEY BY DATE
 SURVEYED BY
 TEMPLATE NO.
 NOTE BOOK NO.
 AREAS CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED BY
 TEMPLATE NO.
 NOTE BOOK NO.
 AREAS CHECKED

FILE NAME = c:\pwork\pwork\fordjd\dms33631\d05307.xml.dgn	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 150	F.A. RTE. 1188	SECTION 118T	COUNTY Henry	TOTAL SHEETS 52	SHEET NO. 51		
	PLOT SCALE = 10,0000' / IN.	DRAWN -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. 797+00.0000 TO STA. 798+50.0000		CONTRACT NO. 64D13		
	PLOT DATE = Tue Mar 10 08:12:48 2009	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
		DATE -	REVISED -									



FINAL SURVEY	DATE
SURVEYED	BY
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FIELD	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLANNED	
FIELD	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

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 PLOT DATE = Tue Mar 10 08:12:49 2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150

SCALE: SHEET NO. OF SHEETS STA. 799+00.0000 TO STA. 800+00.0000

F.A. RTE. 1188	SECTION 118T	COUNTY Henry	TOTAL SHEETS 52	SHEET NO. 52
CONTRACT NO. 64D13				
ILLINOIS FED. AID PROJECT				