

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	4T-2	Carroll	63	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 64D12		

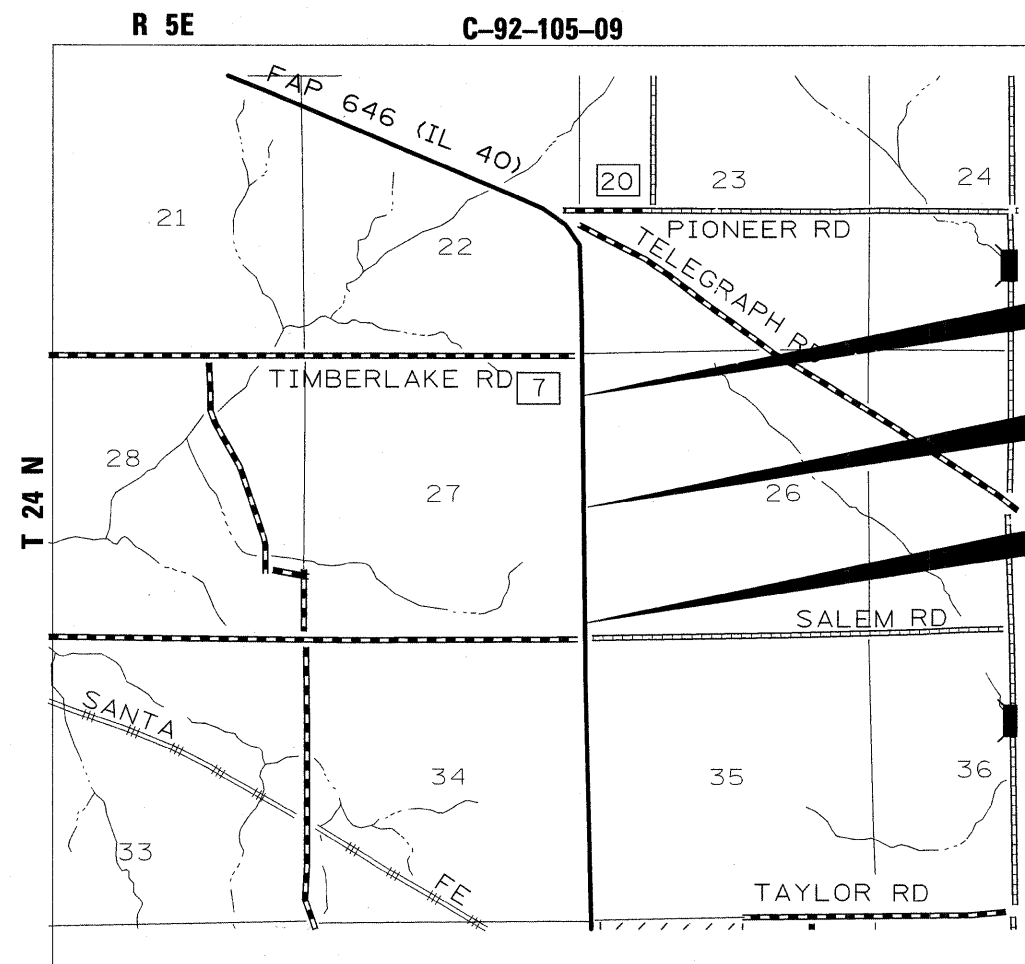
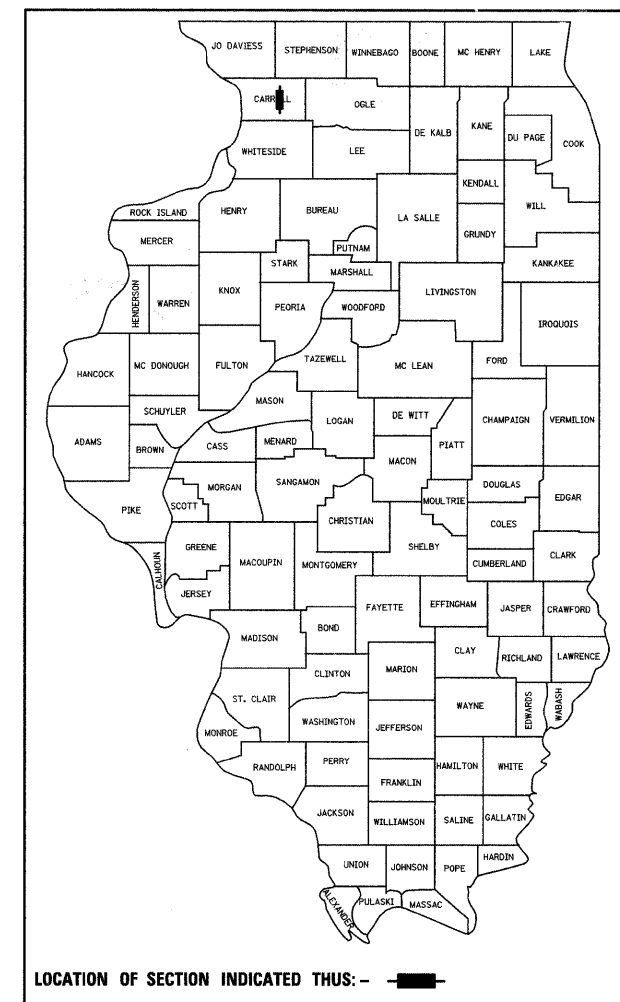
SEE SHEET 2 FOR INDEX OF SHEETS AND STATE STANDARDS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 646 (IL 40)
SECTION 4T-2
PROJECT ACF-0646(072)
CARROLL COUNTY

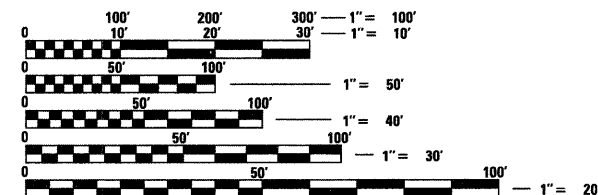
D92-052-07



IMPROVEMENT BEGINS STA. 709 + 30
REMOVAL OF 3' X 4' BOX CULVERT
REPLACEMENT W/60" EQUIVALENT PIPE
IMPROVEMENT ENDS STA. 712 + 20

IMPROVEMENT BEGINS STA. 696 + 30
REMOVAL OF 3' X 3' BOX CULVERT
REPLACEMENT W/54" EQUIVALENT PIPE
IMPROVEMENT ENDS STA. 699 + 20

IMPROVEMENT BEGINS STA. 685 + 00
REMOVAL OF 2' X 2' BOX CULVERT
REPLACEMENT W/48" EQUIVALENT PIPE
IMPROVEMENT ENDS STA. 687 + 60



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

Location Map

GROSS LENGTH = 2740 FT. = 0.52 MILE
NET LENGTH = 1225 FT. = 0.23 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 3/16/09

George F. Ryan
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8, 2009
Charles G. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2009
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

CONTRACT NO. 64D12

CONSULTANT: HOWARD R. GREEN INC./DAVID F. MAXWELL
(866) 328-8278
SALEM TOWNSHIP
SECTIONS 26 & 27

INDEX OF SHEETS

INDEX OF SHEETS

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STATE STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
515001-03	NAME PLATE FOR BRIDGES
542206-01	REINFORCED CONCRETE END SECTIONS FOR PIPE CULVERTS 42" THRU 60" DIA. SKEWED WITH ROADWAY
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 24" TO 54" PIPE)
604036-02	GRATE TYPE 8
635001-01	DELINEATORS
666001-01	RIGHT-OF-WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45 MPH
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701901-01	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
780001-02	TYPICAL PAVEMENT MARKINGS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

FILE NAME =	USER NAME = Fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mon Mar 16 11:05:24 2009		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.

Summary of Quantities

Item #	Description	Unit	Quantity	80% FED		20% STATE	
				Y007 STA 886+50.9	Y007 STA 897+69.7	Y007 STA 710+76	
20200100	EARTH EXCAVATION	CU YD	1250	323	442	485	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	33	33	34	
20400800	FURNISHED EXCAVATION	CU YD	1093	278	273	542	
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	150.0	50	50	50	
25000210	SEEDING CLASS 2A	ACRE	0.5	0.16	0.17	0.17	
25000310	SEEDING CLASS 4	ACRE	0.25	0.09	0.09	0.07	
25000750	MOWING	ACRE	0.75	0.25	0.26	0.24	
25100115	MULCH METHOD 2	ACRE	0.75	0.25	0.26	0.24	
25100900	TURF REINFORCEMENT MAT	SQ YD	578	183	278	117	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	300	96	114	90	
28000300	TEMPORARY DITCH CHECKS	EACH	44	10	21	13	
28000400	PERIMETER EROSION BARRIER	FOOT	322	37	221	64	
28000500	INLET AND PIPE PROTECTION	EACH	4	1	1	2	
28100107	STONE RIPRAP, CLASS A4	SQ YD	27	27			
28200200	FILTER FABRIC	SQ YD	27	27			
35101400	AGGREGATE BASE COURSE, TYPE B	TON	65	37		28	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	6.3	3.6		2.7	
44201433	CLASS C PATCHES, TYPE IV, 16 INCH	SQ YD	343	79	90	174	
44213200	SAW CUTS	FOOT	1177	308	403	466	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	118	41	51	26	
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1			
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		1		
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1			1	

* Specialty Item
) Non Participating
100% STATE

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = Mon Mar 16 12:43:02 2009	DATE -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

Summary of Quantities

Item #	Description	Unit	Quantity	80% FED		20% STATE	
				Y007 STA 686+50.9	Y007 STA 697+69.7	Y007 STA 710+76	
50105220	PIPE CULVERT REMOVAL	FOOT	26				26
50107400	CONCRETE HEADWALL REMOVAL	EACH	2				2
54207183	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 48"	FOOT	70	70			
54207189	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 54"	FOOT	83		83		
54207615	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ARCH, EQUIVALENT ROUND-SIZE 60"	FOOT	104				104
54213453	END SECTIONS 18"	EACH	2				2
54214743	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 48"	EACH	2	2			
54214749	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 54"	EACH	2		2		
54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	1				1
54248180	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 48"	EACH	1	1			
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	64				64
60402210	GRATES TYPE 8	EACH	1				1
61100500	EXPLORATION TRENCH 52" DEPTH	FOOT	300	100	100		100
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	3	1	1		1
61139900	STORM SEWERS, SPECIAL 6"	FOOT	150	50	50		50
61140000	STORM SEWERS, SPECIAL 8"	FOOT	150	50	50		50
61140100	STORM SEWERS, SPECIAL 10"	FOOT	150	50	50		50
63200310	GUARDRAIL REMOVAL	FOOT	608	203	203		202
63500105	DELINEATORS	EACH	6	2	2		2
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	31	8	12		11
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2	2			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	1	1		1

• Specialty Item

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PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 64D12	
PLOT DATE = Mon Mar 16 12:43:02 2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

Summary of Quantities

Item #	Description	Unit	Quantity	80% FED		20% STATE	
				Y007 STA 886+50.9	Y007 STA 897+69.7	Y007 STA 710+76	Y007 STA 710+76
67100100	MOBILIZATION	L SUM	1	0.33	0.33	0.34	0.34
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	0.33	0.33	0.34	0.34
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.33	0.33	0.34	0.34
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.33	0.33	0.34	0.34
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	15	5	5	5	5
70106700	TEMPORARY RUMBLE STRIP	EACH	16	8	4	4	4
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	6156	2025	2051	2080	2080
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	74	24	25	25	25
70301000	WORKZONE PAVEMENT MARKING REMOVAL	SQ FT	2126	699	709	718	718
70400100	TEMPORARY CONCRETE BARRIER	FOOT	512.5	287.5	225	225	225
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1662.5	450	750	462.5	462.5
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	6286	2080	2320	1886	1886
78300100	PAVEMENT MARKING REMOVAL	SQ FT	3211	934	964	1313	1313
X0323660	DROP BOX NO. 1	EACH	1	1	1	1	1
X0712400	TEMPORARY PAVEMENT	SQ YD	1635	406	570	659	659
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	978	258	328	392	392
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.33	0.33	0.34	0.34
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	1	1	1	1
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	11	4	4	3	3
XZ030260	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1	1	1	1	1

* Specialty Item

FILE NAME =	USER NAME = Fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 646 (IL 40)	4T-2	Carroll	63	46
FED ROAD DIST. NO.	ILLINOIS	PROJECT		
Contract #64D12				

The removal of Bituminous Surfacing not on a rigid type base removed in conjunction with the base shall be removed as EARTH EXCAVATION. The removal of Bituminous Surfacing on a rigid type base removed in conjunction with the base shall be included in the contract unit price for PAVEMENT REMOVAL of the type specified.

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.

It is estimated that 1400 cubic meters (____ cubic yards) of earth will be hauled to the job from outside the project limits. A shrinkage factor of 25% has been used.

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.

Fertilizer Nutrients shall be applied at the rate specified in Sections 250 and 252 of the Standard Specifications. This shall be included in the cost of the SEEDING or SODDING.

Placement and compaction of the backfill for proposed across road culverts and existing across road culverts that are removed shall conform to Section 502.10 of the Standard Specifications, except that the material shall conform to Article 208.02 of the Standard Specifications, and shall be compacted to a minimum of 95% of the standard laboratory density. Any material conforming to the requirements of Article 1003.04 or 1004.05 which has been excavated from the trenches shall be used for backfilling the trenches. The entire excavation, within 2 feet outside of each shoulder, shall be backfilled with trench backfill material to the bottom of the proposed subgrade. This trench backfill material will not be measured for payment, but shall be included in the contract unit price for the class of concrete involved or other unit price item of the work for which it is required.

For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a 3/16" tolerance in the wheel paths. Any patch areas higher than 3/16" must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than 3/16" shall be repaired in a manner approved by the Engineer.

The existing hot-mix asphalt on private and commercial entrances shall be bladed off or milled and disposed of outside the project limits. This could be the entire entrance or tapered at the end depending on if the mainline is resurfaced or milled and resurfaced. The cost of the blading, milling, rolling, and disposal is included in the contract unit price for INCIDENTAL HOT-MIX ASPHALT SURFACING.

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):	Surface	Level Binder	
PG:	PG 58-22	PG 58-22	
Design Air Voids	3.0 @ N50	3.0 @ N50	
Mixture Composition (Gradation Mixture)	IL 9.5 or 12.5	IL 9.5	
Friction Aggregate	C	N/A	
20 Year ESAL	0.5	0.5	

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.

Bituminous and Aggregate prime coat shall be placed in accordance with Section 406 of the Standard Specifications. The cost of the prime coats shall be included in the contract unit price per metric ton (ton) for LEVELING BINDER (MACHINE METHOD) of the type specified.

The new number for this structure will be 008-1094, 008-1095 & 008-1096.

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.

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.

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.

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:

Jo-Carroll Energy

Frontier/Citizens

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.

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 646 (IL 40)	4T-2	Carroll	63	67
FED ROAD DIST. NO.	ILLINOIS	PROJECT		

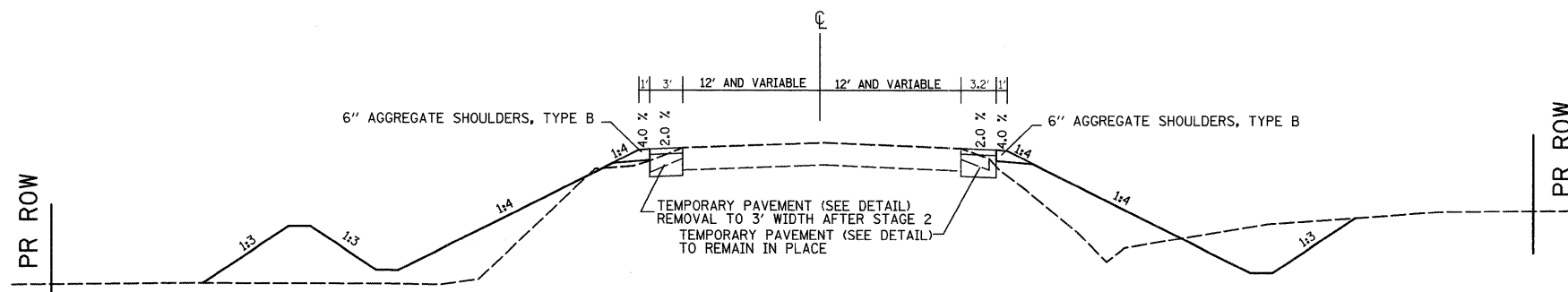
Contract #64D12

Staging has been determined with the assumption that the project will be built one culvert at a time beginning at the southerly end of the project and continuing north with each culvert constructed in 2 stages. Two consecutive culverts shall not be staged at the same time. If the contractor decides to construct this project in a different sequence it will be the contractor's responsibility to determine proper traffic control for their chosen sequence, and is to be reviewed and approved by the field engineer prior to implementation. The cost of any additional traffic control devices, pavement marking or other work required due to such a change in construction staging shall be borne solely by the Contractor and no additional compensation shall be provided.

Program #5
(Arch. Size)
Enlarge
200%
Enlarge 107%

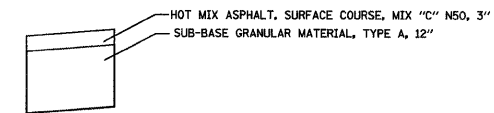
TYPICAL SECTIONS

SN 008-1095

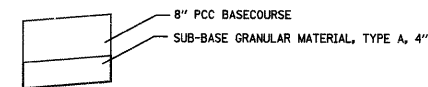


TEMPORARY PAVEMENT & SUB-BASE DETAIL

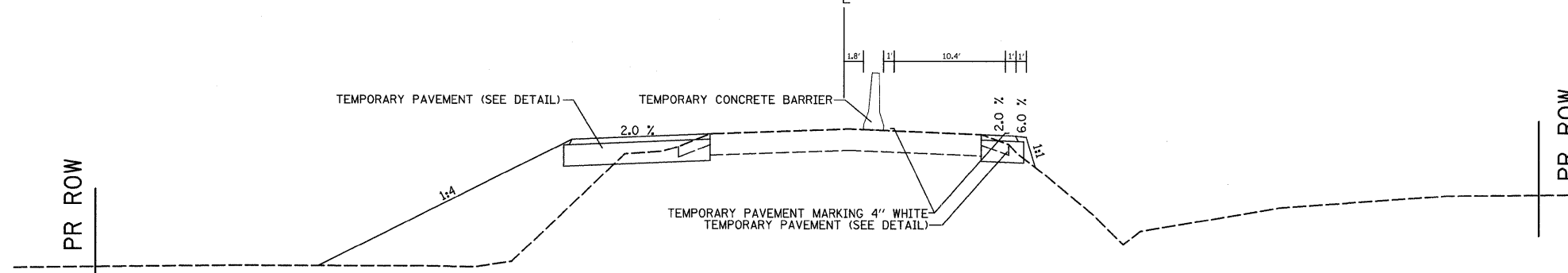
FLEXIBLE PAVEMENT OPTION



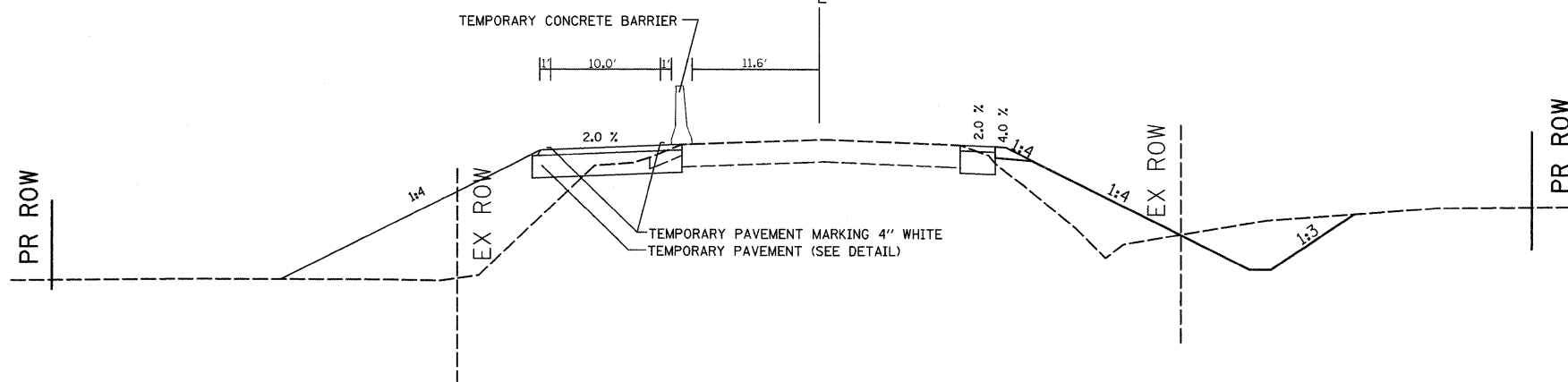
RIGID PAVEMENT OPTION



STAGE 1



STAGE 2

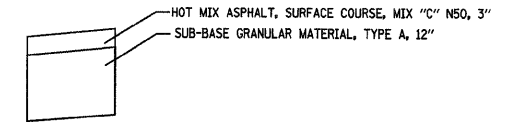


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		DATE -	REVISED -												
													CONTRACT NO. 64D12		
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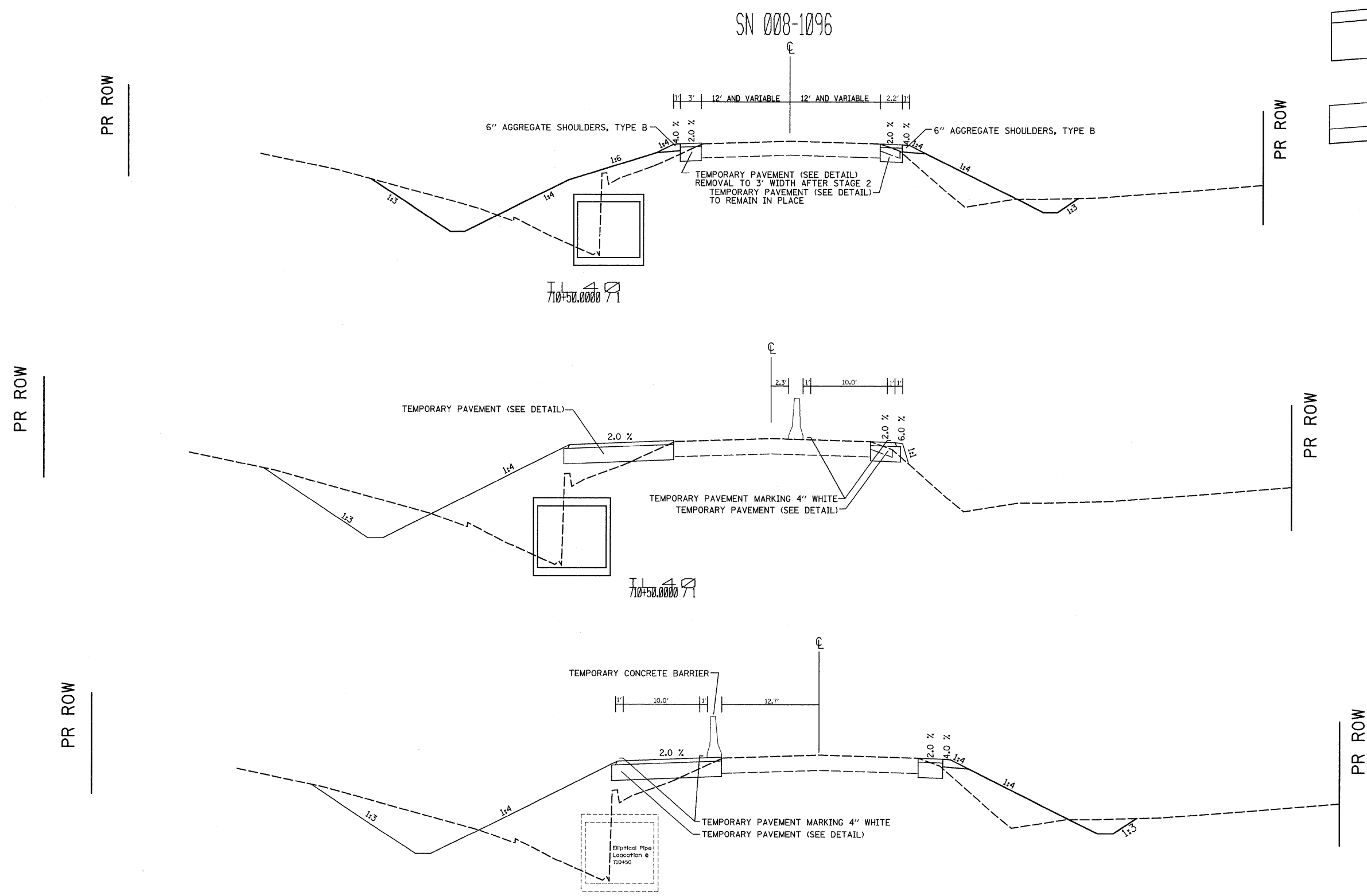
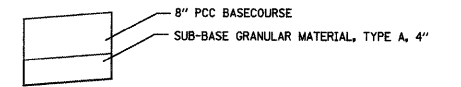
TYPICAL SECTIONS

TEMPORARY PAVEMENT & SUB-BASE DETAIL

FLEXIBLE PAVEMENT OPTION



RIGID PAVEMENT OPTION



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\PWIDOT\FORDJD\dms33783\0264\12-sh-typical.dgn		DRAWN -	REVISED -		646	4T-2	Carroll	63	10				
PLOT SCALE = 20.0000 / IN.		CHECKED -	REVISED -		CONTRACT NO. 64D12								
PLOT DATE = Fri Mar 13 11:33:53 2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.		

SCHEDULE OF QUANTITIES

PAY ITEM#	DESCRIPTION	UNIT	COMMENTS	PAY ITEM#	DESCRIPTION	UNIT	COMMENTS
28100107	STONE RIPRAP, CLASS A4	SQ YD		54207189	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 54"	FOOT	
	LOCATION				LOCATION		
	889+46.5 LT		27.1		697+69.7		83
	897+58.9 LT		32.0				83
	710+26.6 LT		35.0				
	TOTAL =		94.1				
28200200	FILTER FABRIC	SQ YD		54207615	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ARCH EQUIVALENT ROUND-SIZE 60"	FOOT	
	LOCATION				LOCATION		
	686+46.5 LT		27.1		710+76		104
	TOTAL =		27.1				104
35101400	AGGREGATE BASE COURSE, TYPE B	TON		54213453	END SECTIONS 18"	EACH	
	LOCATION				LOCATION		
	685+77.6 - 687+69.5 RT		37.2		710+83.7 41.3' LT		1
	710+74.2 - 711+86.2 RT		27.8		711+47.1 32.3' LT		1
	TOTAL =		65				2
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON		54214743	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL EQUIVALENT ROUND-SIZE 48"	EACH	
	LOCATION				LOCATION		
	685+78.1 - 687+69.0		3.6		686+47.3 LT		1
	710+74.2 - 711+85.2		2.7		686+53.4 RT		1
	TOTAL =		6.3				2
44201433	CLASS C PATCHES, TYPE IV, 16 INCH	SQ YD		54214749	PRECAST REINFORCED CONCRETE FLARED END SECTION - ELLIPTICAL EQUIVALENT ROUND-SIZE 54"	EACH	
	LOCATION				LOCATION		
	686+36.9 - 686+64.8		78.5		697+69.1 LT		1
	697+54 - 697+86		90.2		697+80.6 RT		1
	710+48 - 711+07		173.9				2
	TOTAL =		342.6				
44213200	SAW CUTS	FOOT		54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	
	LOCATION				LOCATION		
	685+50 - 688+57.8 LT		307.8		710+35 LT		1
	685+77.6 - 699+80.8		403.2				1
	708+45.4 - 713+10.9		485.5				
	TOTAL =		1176.5				
48101200	AGGREGATE SHOULDERS, TYPE B	TON		54248180	GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 48"	EACH	
	LOCATION				LOCATION		
	685+50 - 688+57.8 LT		25.7		686+53.4 31.4' RT		1
	685+78.1 - 687+69 RT		15.9				1
	695+77.6 - 699+80.8 LT		33.7				
	696+30.9 - 699+00.4 RT		27.4				
	708+45.4 - 713+10.9 LT		38.9				
	709+30.6 - 712+20.9 RT		24.2				
	711+16 LT Entrance		9.3				
	TOTAL =		175				
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH		542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	
	LOCATION				LOCATION		
	686+61.1 (2' x 2' BOX CULVERT)		1		710+83.7 - 711+47.1		64
	TOTAL =		1				64
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH		60402210	GRATE TYPE 8	EACH	
	LOCATION				TO BE DETERMINED BY ENGINEER		1
	697+78.4 (3' X 3' BOX CULVERT W/ 30" CMP EXTENSIONS)		1				1
	TOTAL =		1				
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH		61100500	EXPLORATION TRENCH 52" *	FOOT	
	LOCATION				Where Necessary		300
	710+77.2 (3' X 4' BOX CULVERT)		1				300
	TOTAL =		1				
50105220	PIPE CULVERT REMOVAL	FOOT		61133100	FIELD TILE JUNCTION VAULTS, 2' DIA	EACH	
	LOCATION				LOCATION		
	711+17.0		26		711+08.5 RT		1
	TOTAL =		26		709+50 LT Final location and elevation to be determined in the field		1
					If Necessary		1
							3
50104400	CONCRETE HEADWALL REMOVAL	EACH		61139900	STORM SEWER, SPECIAL 6"	FOOT	
	LOCATION				LOCATION		
	711+04.5 LT		1		If Necessary		150
	711+29.3 LT		1				150
	TOTAL =		2				
54207183	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 48"	FOOT		61140000	STORM SEWER, SPECIAL 8"	FOOT	
	LOCATION				LOCATION		
	686+50.9		70		If Necessary		150
	TOTAL =		70				150
54207189	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE - ELLIPTICAL, EQUIVALENT ROUND-SIZE 54"	FOOT		61140100	STORM SEWER, SPECIAL 10"	FOOT	
	LOCATION				LOCATION		
	697+69.7		83		711+08.5 RT		50
	TOTAL =		83		If Necessary		100
							150

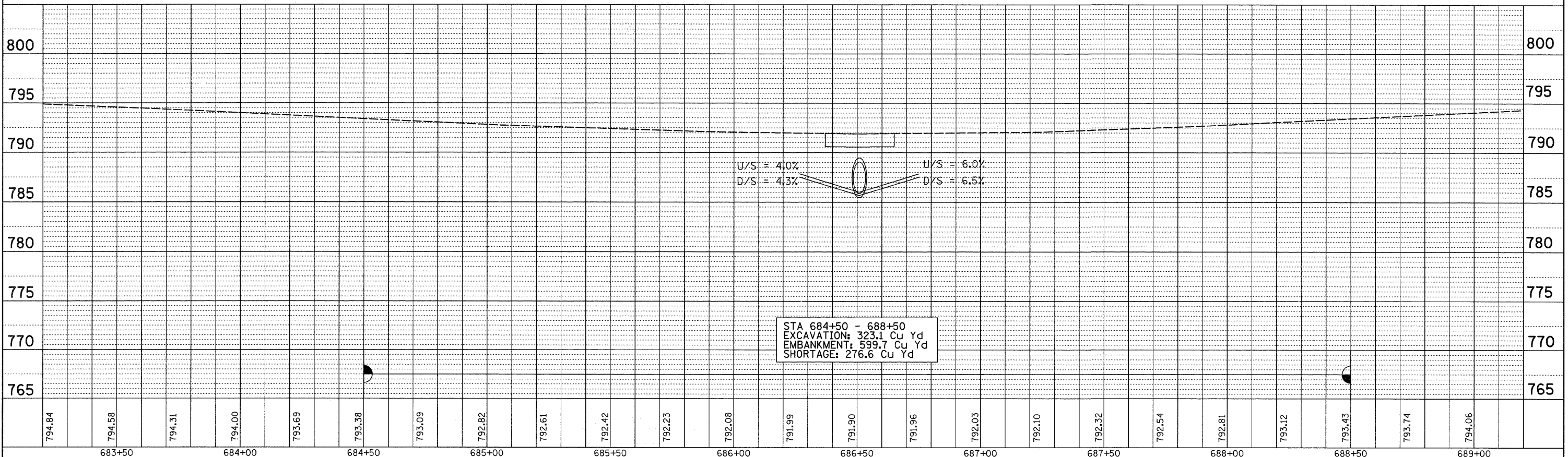
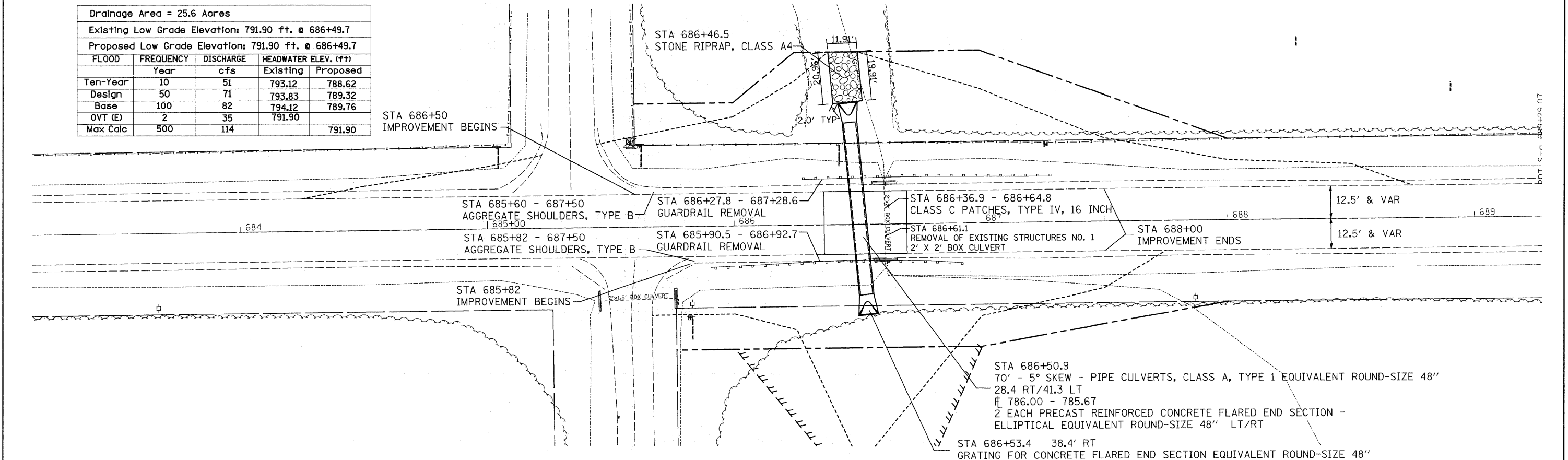
SCHEDULE OF QUANTITIES

PAY ITEM#	DESCRIPTION	UNIT	COMMENTS
78001110	PAINT PAVEMENT MARKING LINE, 4"	FOOT	
	<u>LOCATION</u>		
	685+00 - 687+60 LT - EDGE LINE (WHITE)	520	2 APPLICATIONS
	685+00 - 687+60 RT - EDGE LINE (WHITE)	520	2 APPLICATIONS
	685+00 - 687+60 DOUBLE LINE (YELLOW)	1040	2 APPLICATIONS
	696+30 - 699+20 LT - EDGE LINE (WHITE)	580	2 APPLICATIONS
	696+30 - 699+20 RT - EDGE LINE (WHITE)	580	2 APPLICATIONS
	696+30 - 699+20 DOUBLE LINE (YELLOW)	1160	2 APPLICATIONS
	709+30 - 712+20 LT - EDGE LINE (WHITE)	580	2 APPLICATIONS
	709+30 - 712+20 RT - EDGE LINE (WHITE)	580	2 APPLICATIONS
	709+30 - 712+20 SKIP DASH (YELLOW)	146	2 APPLICATIONS
	709+30 - 712+20 LINE (YELLOW)	580	2 APPLICATIONS
	TOTAL =	6286	
78300100	PAVEMENT MARKING REMOVAL	SQ FT	
	<u>LOCATION</u>		
	684+29.43 - 689+39.7 LT	170.1	
	682+56.8 - 690+20.3 RT	254.6	
	682+56.8 - 690+20.3 CENTER	509.1	
	695+17.1 - 700+73.3 LT	185.4	
	693+81.3 - 701+39.7 RT	259.5	
	693+81.3 - 701+39.7 CENTER	518.9	
	708+07.3 - 713+97.6 LT	196.8	
	706+31.7 - 714+69.0 RT	279.1	
	706+31.7 - 714+69.0 CENTER		
	TOTAL =	2373.5	
X0323660	DROP BOX NO. 1	EACH	
	<u>LOCATION</u>		
	711+08.5 RT	1	
	TOTAL =	1	
X0712400	TEMPORARY PAVEMENT	SQ YD	
	<u>LOCATION</u>		
	684+29.4 - 685+18.0 LT (Stage 2)	38.8	
	685+50.0 - 688+93.4 LT (Stage 2)	367.3	
	696+30.9 - 699+00.4 RT (Stage 1)	94.2	
	695+32.7 - 700+13.9 LT (Stage 2)	475.3	
	709+30.6 - 712+20.9 RT (Stage 1)	97.6	
	708+12.1 - 713+44.7 LT (Stage 2)	562.2	
	TOTAL =	1835.4	
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	
	<u>LOCATION</u>		
	685+50 - 688+57.8	257.9	
	685+77.6 - 699+80.8	327.7	
	708+45.4 - 713+10.9	392.2	
	TOTAL =	977.8	
Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL III	EACH	
	<u>LOCATION</u>		
	687+70.7 5.1' LT (Stage 1)	1	
	699+11.2 5.9' LT (Stage 1)	1	
	TOTAL =	2	
Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL III	EACH	
	<u>LOCATION</u>		
	686+07.5 to 686+24 12.3' LT (Stage 2) narrow device	1	
	686+24 to storage narrow device	1	
	687+70.7 to 689+11.6 5.3' RT (Stage 2)	1	
	689+11.6 to 696+22.0 5.7' LT (Stage 1)	1	
	696+22 to 695+15.9 5.3' RT (Stage 2)	1	
	699+11.2 to 700+29.3 5.4' RT (Stage 2)	1	
	700+29.3 to storage	1	
	695+15.9 to 709+18.3 5.2' LT (Stage 1)	1	
	from storage to 711+07.0 3.2' RT (Stage 1) narrow device	1	
	709+18.3 to 708+93.8 2.8' LT (Stage 2)	1	
	from storage to 713+57.2 5.5' RT (Stage 2)	1	
	TOTAL =	11	
XZ030260	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	
	<u>LOCATION</u>		
	686+07.5 1.19' RT (Stage 1)	1	
	TOTAL =	1	

Drainage Area = 25.6 Acres				
Existing Low Grade Elevation: 791.90 ft. @ 686+49.7				
Proposed Low Grade Elevation: 791.90 ft. @ 686+49.7				
FLOOD	FREQUENCY	DISCHARGE	HEADWATER ELEV. (ft)	
	Year	cfs	Existing	Proposed
Ten-Year	10	51	793.12	788.62
Design	50	71	793.83	789.32
Base	100	82	794.12	789.76
OVT (E)	2	35	791.90	
Max Calc	500	114		791.90

DATE	
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DATE	
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GRADES	
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FILE	
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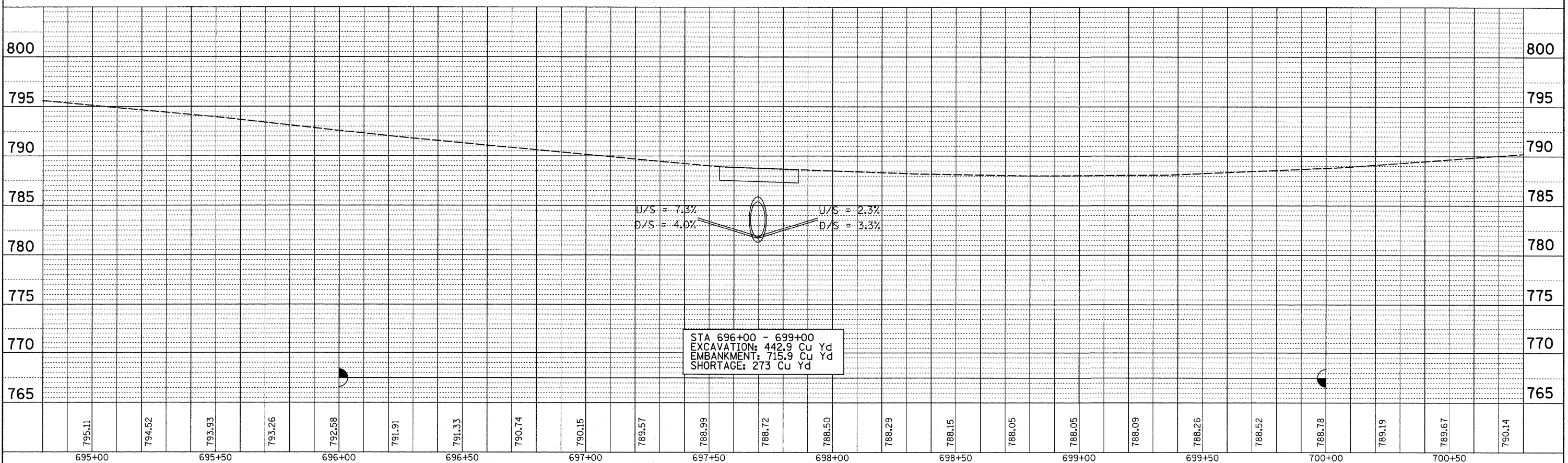
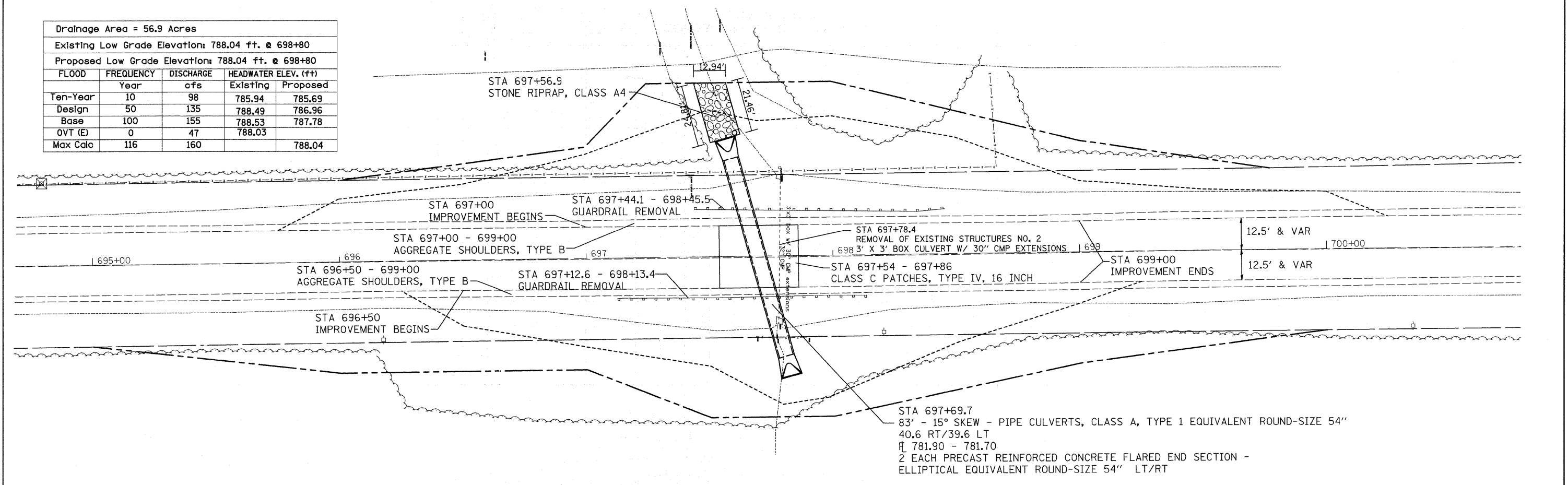


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PLOT SCALE = 20,000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 64D12						
PLOT DATE = Tue May 12 12:46:16 2009	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

Drainage Area = 56.9 Acres				
Existing Low Grade Elevations: 788.04 ft. @ 698+80				
Proposed Low Grade Elevations: 788.04 ft. @ 698+80				
FLOOD	FREQUENCY	DISCHARGE	HEADWATER ELEV. (ft)	
	Year	cfs	Existing	Proposed
Ten-Year	10	98	785.94	785.69
Design	50	135	788.49	786.96
Base	100	155	788.53	787.78
OVT (E)	0	47	788.03	
Max Calc	116	160		788.04

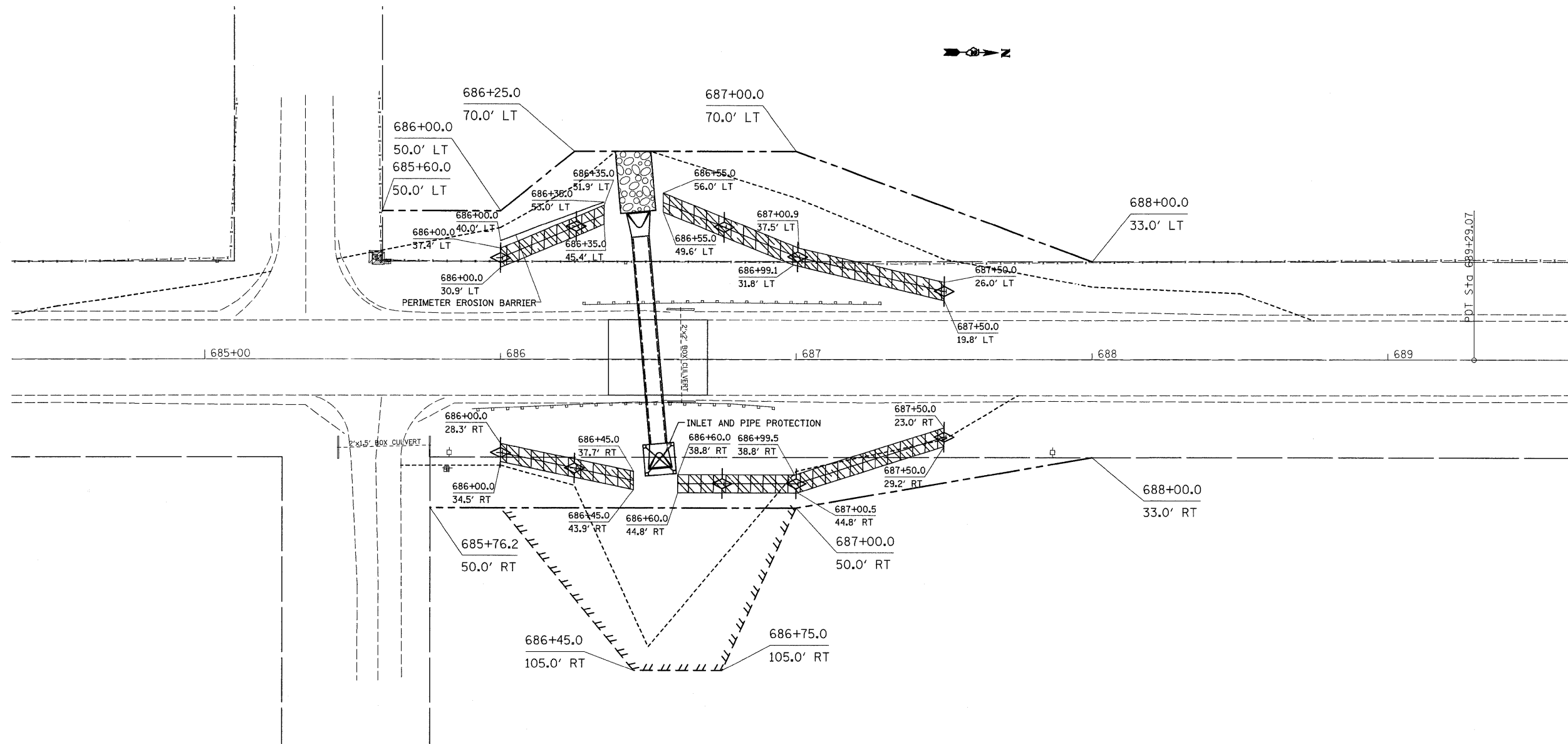
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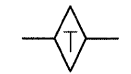


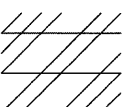
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PLOT DATE = Tue May 12 12:46:16 2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 64D12		ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

EROSION CONTROL & ROW



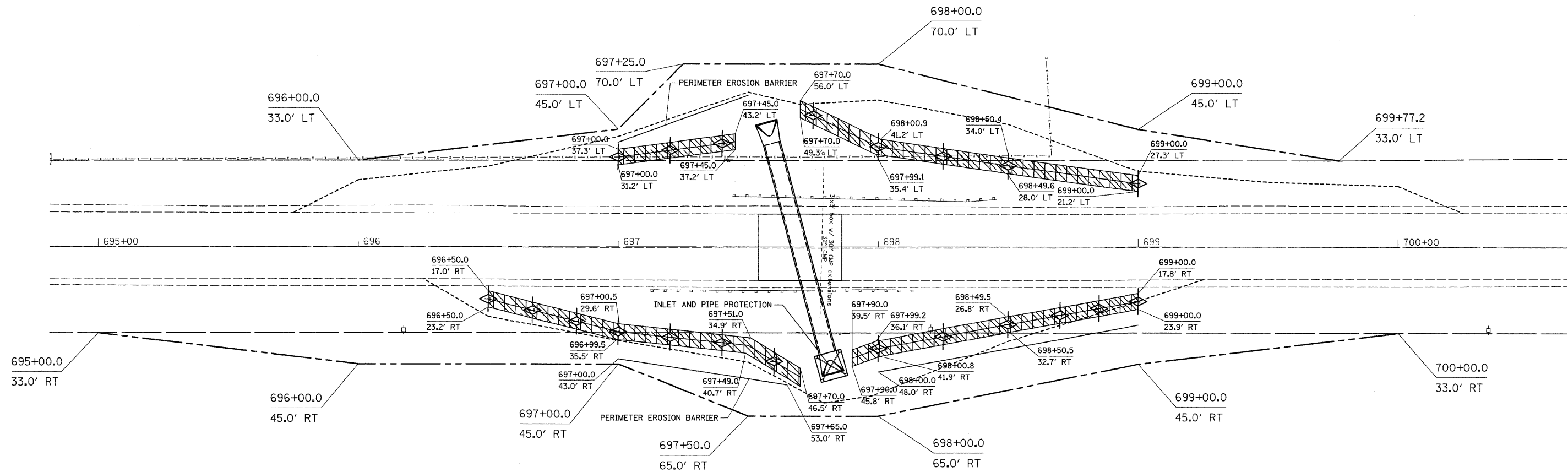
LEGEND


 TEMPORARY DITCH CHECK



 TURF REINFORCEMENT MAT

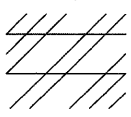
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PLOT SCALE = 20.0000' / IN. PLOT DATE = Fri Mar 13 12:04:25 2009								CONTRACT NO. 64D12		ILLINOIS FED. AID PROJECT			

EROSION CONTROL & ROW



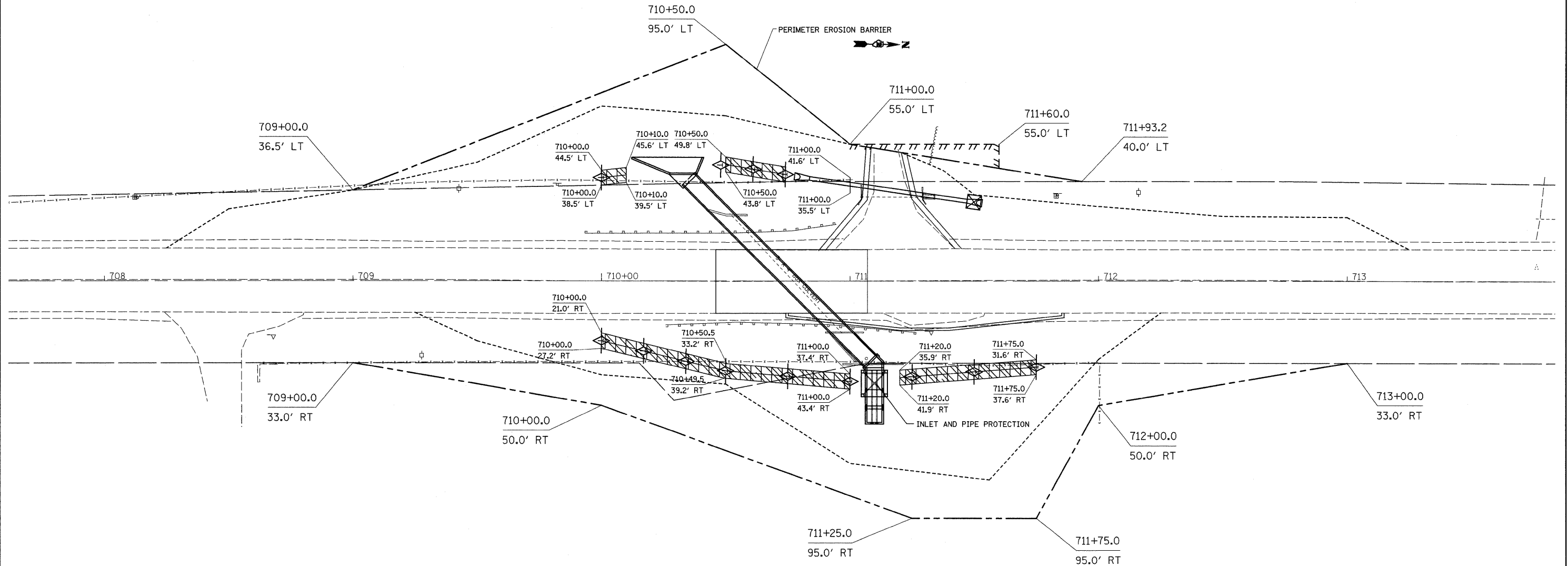
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 TEMPORARY DITCH CHECK


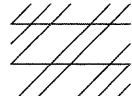
 TURF REINFORCEMENT MAT

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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PLOT DATE = Fri Mar 13 12:04:25 2009	DATE -	CHECKED -	REVISED -		CONTRACT NO. 64D12										
											ILLINOIS FED. AID PROJECT				

EROSION CONTROL & ROW

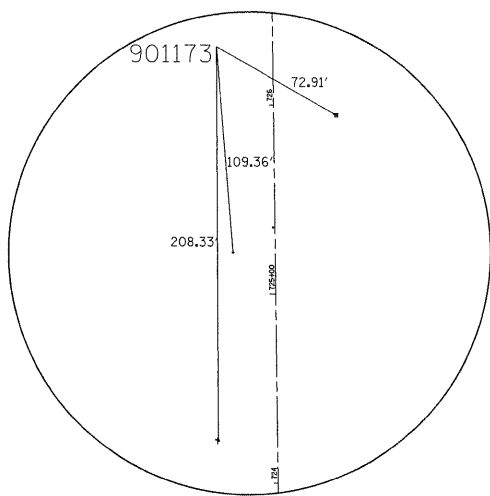
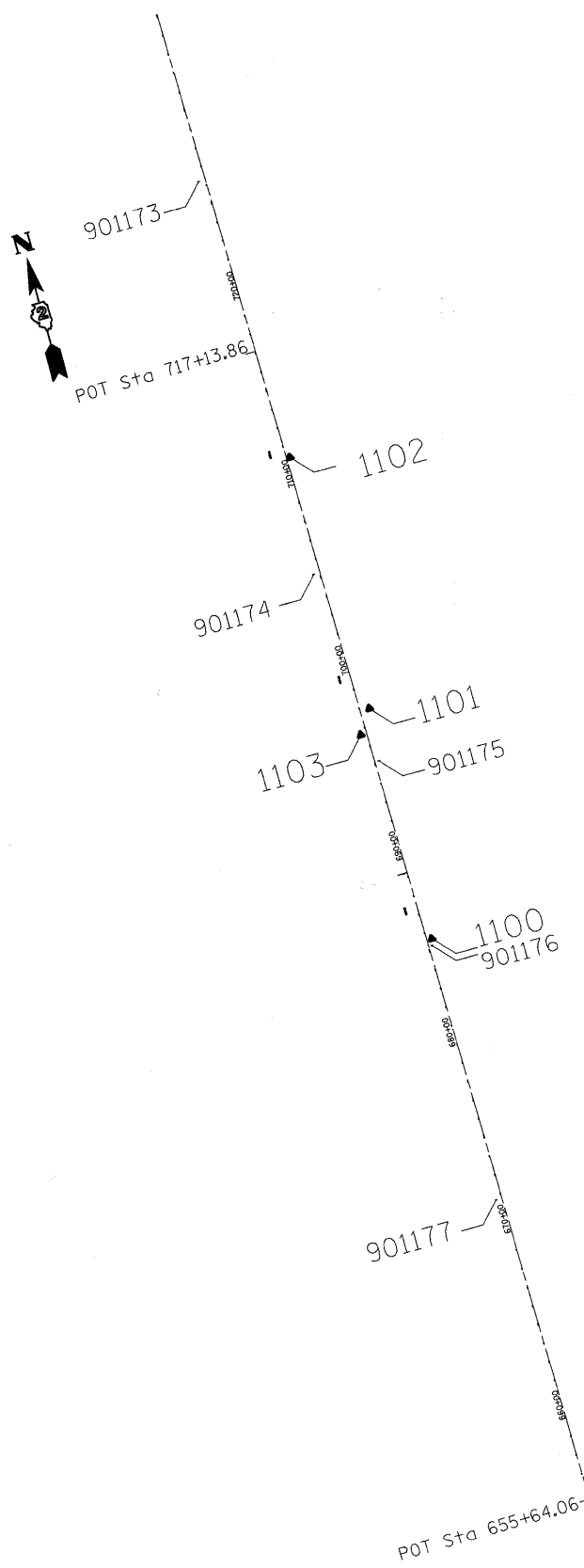


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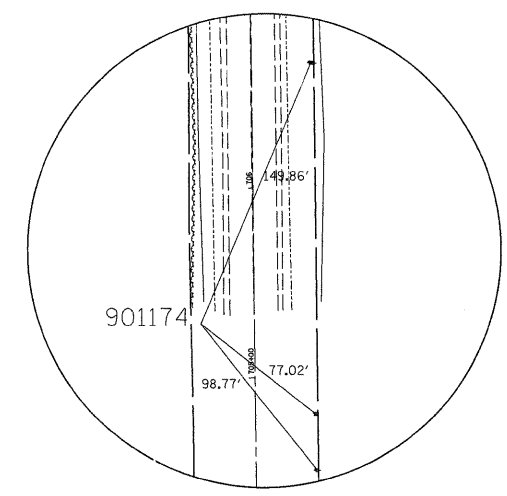
 TEMPORARY DITCH CHECK
 TURF REINFORCEMENT MAT

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

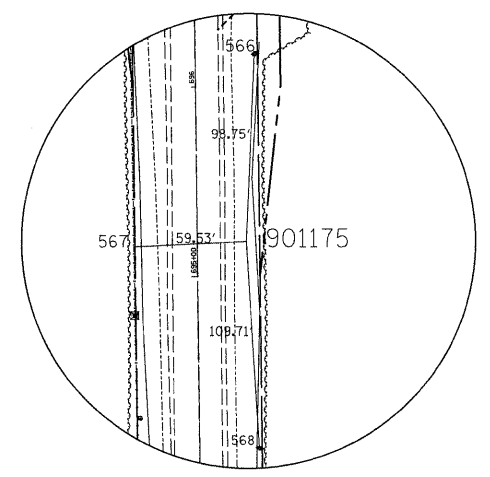
HORIZONTAL & VERTICAL CONTROL



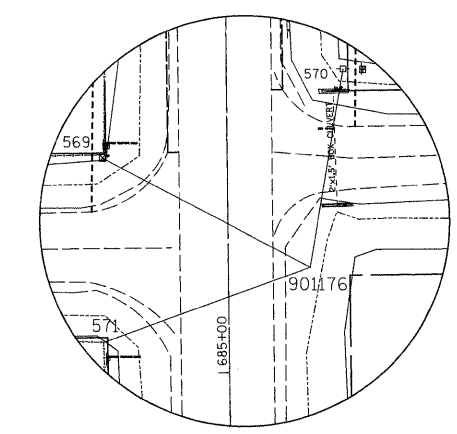
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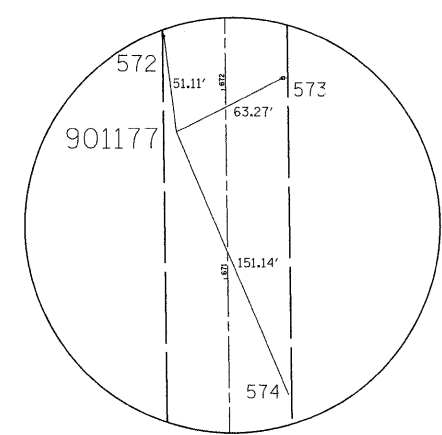
901174



901175



901176



901177

Curve Data

Course from PT 330 to 1066 359° 08' 54.9872" Dist 2,155.6446'
 Point 1066 N 1,952,958.7414 E 2,369,313.9666 Sta 655+64.0599
 Course from 1066 to 1067 359° 12' 37.3178" Dist 3,365.0150'
 Point 1067 N 1,956,323.4368 E 2,369,267.5924 Sta 689+29.0749
 Course from 1067 to 1068 359° 09' 59.4431" Dist 2,784.7819'
 Point 1068 N 1,959,107.9240 E 2,369,227.0833 Sta 717+13.8567
 Course from 1068 to PC 340 359° 11' 14.6304" Dist 4,205.3259'

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -
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PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Fri Mar 13 12:06:15 2009		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 40

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						646	4T-2	Carroll	63	23
						CONTRACT NO.				
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

HORIZONTAL & VERTICAL CONTROL

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
901173	1960023.9150	2369185.6600	816.0470	IL40	726+30.3431	28.4284' LT	PHOTO CONTROL H. & V., PIN
901174	1957921.7540	2369217.3310	796.5680	IL40	705+27.9541	27.006' LT	PHOTO CONTROL H. & V., PIN
901175	1956912.3550	2369286.3210	794.8030	IL40	695+17.6583	27.2934' RT	PHOTO CONTROL H. & V., PIN
901176	1955922.5060	2369296.6640	790.8350	IL40	685+27.7815	23.5435' RT	PHOTO CONTROL H. & V., PIN
901177	1954571.4060	2369266.8090	794.3130	IL40	671+77.2212	24.9285' LT	PHOTO CONTROL H. & V., PIN


SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1100	1955959.9718	2369299.0010	791.9671	IL40	685+65.2115	26.3966' RT	PK NAIL
1101	1957185.6552	2369303.6871	785.3564	IL40	697+90.6770	48.6332' RT	60d NAIL
1102	1958536.6449	2369253.1549	788.6903	IL40	711+42.2588	17.7587' RT	60d NAIL
1103	1957068.1014	2369226.3810	786.1158	IL40	696+74.2602	30.3747' RT	60d NAIL

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1473	1959705.526	2369248.005	811.764	IL 40	723+11.7160	28.4019' RT	POWER POLE W/ TRANS
1474	1958158.365	2369273.249	799.342	IL 40	707+64.3411	31.3552' RT	ROW MARKER
1475	1956873.605	2369226.324	800.097	IL 40	694+79.7709	33.5687' LT	ROW MARKER
1476	1955952.549	2369239.252	792.594	IL 40	685+57.5865	34.4247' RT	ROW MARKER
1477	1954760.626	2369255.629	795.184	IL 40	673+67.1911	34.4930' RT	ROW MARKER

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
560	IL40	724+22.6413	31.3284' LT	WARNING SIGN, SHINER
561	IL40	725+21.2412	21.526' LT	PIPE CULVERT, END
562	IL40	725+94.1436	33.1824' RT	R.O.W. MARKER, BACK
563	IL40	704+50.6718	32.3931' RT	POWER POLE, SHINER
564	IL40	704+80.6442	31.969' RT	R.O.W. MARKER, BACK
565	IL40	706+65.9788	31.491' RT	POWER POLE, SHINER
566	IL40	696+16.8783	31.3821' RT	POWER POLE, SHINER
567	IL40	695+15.8372	33.4145' LT	FENCE POST, SHINER
568	IL40	694+08.7095	31.506' RT	POWER POLE, SHINER
569	IL40	685+59.5100	33.5977' LT	FENCE POST, SHINER
570	IL40	685+82.0102	31.6996' RT	POWER POLE, SHINER
571	IL40	685+08.7844	34.3388' LT	FENCE POST, SHINER
572	IL40	672+28.5983	32.2702' LT	WARNING SIGN, SHINER
573	IL40	672+05.7757	30.5272' RT	POWER POLE, SHINER
574	IL40	670+37.5108	32.2655' RT	FENCE POST, SHINER

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 40	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\DOT\FORDJD\dms33783\0264012-sh1-ATB.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			646	4T-2	Carroll	63	24	
PLOT DATE = Fri Mar 13 12:06:15 2009	DATE -	CHECKED -	REVISED -			CONTRACT NO. 64D12					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

BORING LOGS



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

SOIL BORING LOG

Page 1 of 1

Date 4/5/07

ROUTE IL 40 DESCRIPTION P92-052-07 IL 40 culvert, .8 m. S. of E. Timber Lake Road LOGGED BY W. Garza


SECTION _____ LOCATION Salem Twp. - 26SW, SEC. , TWP. 24N, RNG. 5E

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

STRUCT. NO. Station	D P T H	B O W S	U S Qu	M O S T	Surface Water Elev.		D P T H	B O W S	U S Qu	M O S T
					ft	ft				
008-1042					93.10	92.60				
B-1					79.8	79.8				
18' S.										
11.00R E CL										
99.80										
21" Asphalt			0.5	22.0						
MEDIUM dark brown SILTY CLAY LOAM			P							
97.30		1								
MEDIUM brown SILTY CLAY LOAM		1	0.6	25.0						
95.80		2	P							
MEDIUM dark gray SILTY LOAM		1								
93.30		2	B	36.0						
MEDIUM dark gray SILTY LOAM		1								
90.80		2	0.5	40.0						
STIFF black SILTY CLAY		1								
88.30		5	1.1	34.0						
MEDIUM gray SILTY CLAY		2								
85.80		3	0.6	35.0						
SOFT gray SILTY CLAY		1								
82.80		2	0.3	35.0						
MEDIUM tan weathered LIMESTONE, moist		0								
80.80		7								
		9								

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 8/14/06

ROUTE IL 40 DESCRIPTION P92-052-07 IL 40 Box Culvert, .6 m. N. of East Salem Road LOGGED BY W. Garza

SECTION _____ LOCATION Salem Twp. - 26 NW, SEC. , TWP. 24N, RNG. 5E

COUNTY Carroll DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

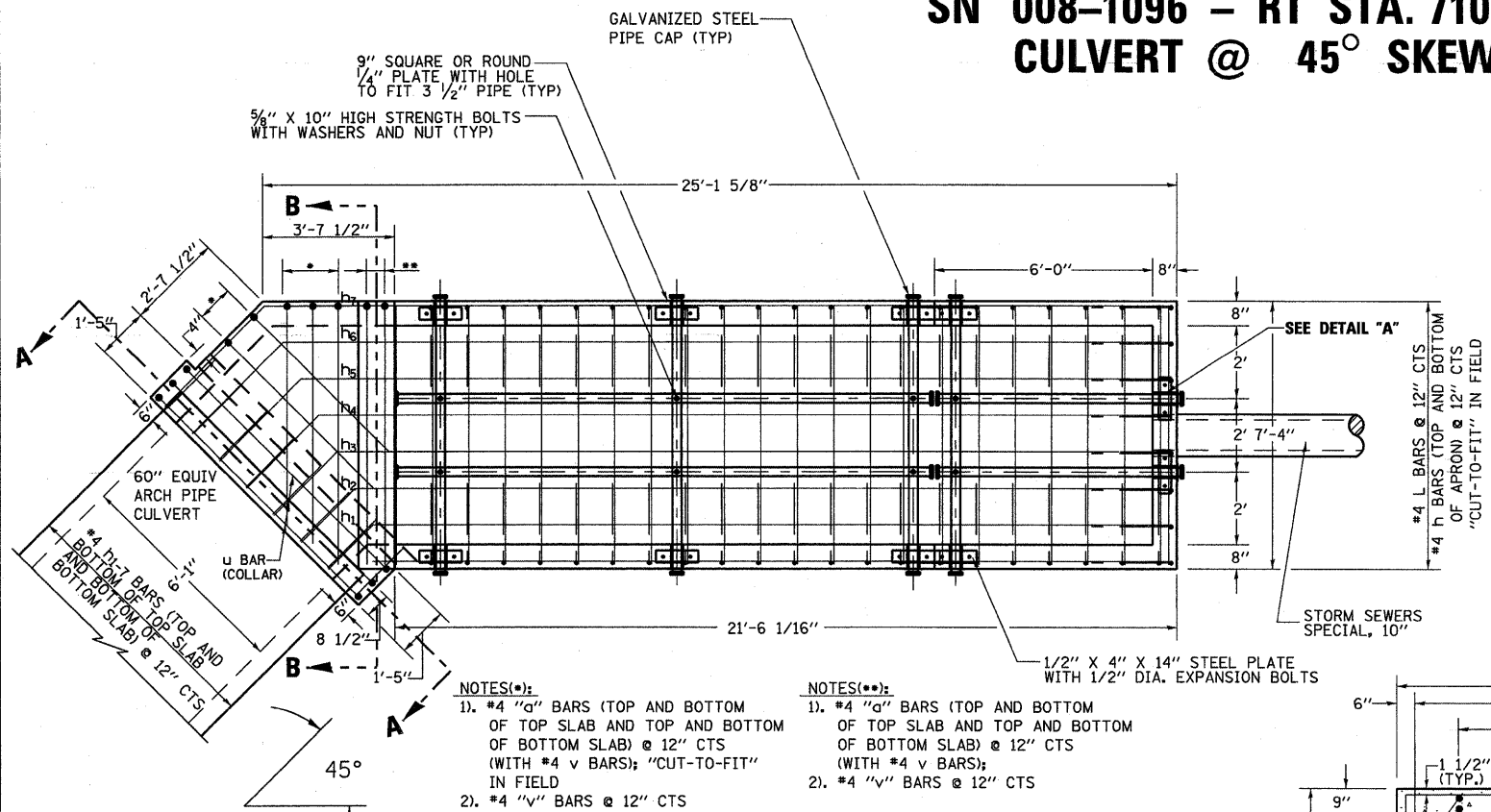
STRUCT. NO. Station	D P T H	B O W S	U S Qu	M O S T	Surface Water Elev.		D P T H	B O W S	U S Qu	M O S T
					ft	ft				
008-1096					93.30	93.00				
B-1b					83.3	88.3				
30' N.										
12.00R E CL										
100.30										
MEDIUM brown SILTY CLAY LOAM			0.5	23.0						
98.30		1	P							
STIFF brown CLAY LOAM		2	1.5	16.0						
96.80		4	B							
MEDIUM tan/brown SILTY CLAY LOAM		2								
94.30		4	0.6	21.0						
MEDIUM dark gray SILTY LOAM		1								
91.80		3	0.5	44.0						
MEDIUM dark gray SILTY CLAY LOAM		1								
89.30		2	0.8	28.0						
STIFF gray SILTY CLAY LOAM		1								
86.80		2	1.2	32.0						
MEDIUM gray SILTY CLAY TILL		1								
83.80		3	0.6	32.0						
LOOSE/MEDIUM light gray SANDSTONE		1								
81.80		3								
		7								

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)

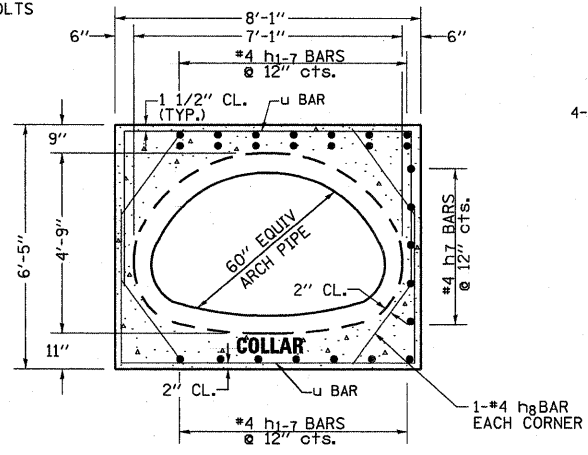
DROP BOX NO. 1

SN 008-1096 - RT STA. 710+76 (IL RTE 40)
 CULVERT @ 45° SKEW TO RDWY

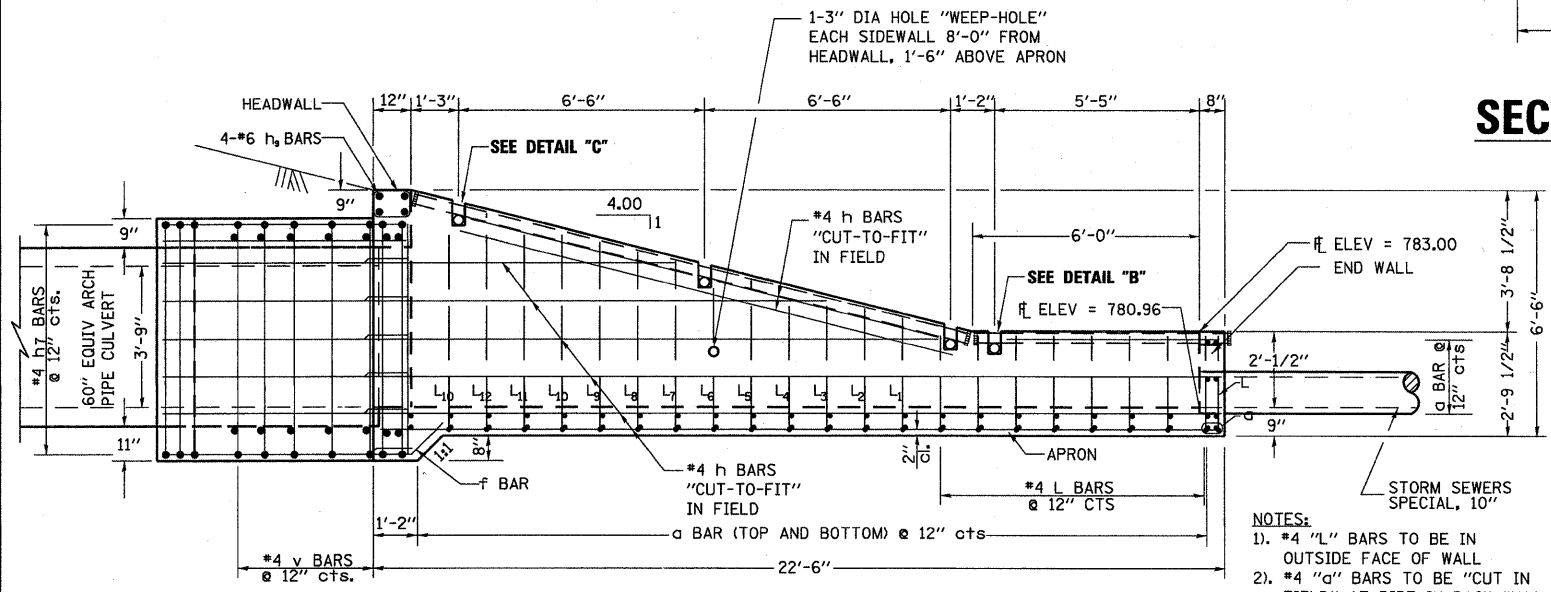


TOP VIEW

- NOTES(*):**
- #4 "a" BARS (TOP AND BOTTOM OF TOP SLAB AND TOP AND BOTTOM OF BOTTOM SLAB) @ 12" CTS (WITH #4 v BARS); "CUT-TO-FIT" IN FIELD
 - #4 "v" BARS @ 12" CTS
- NOTES(**):**
- #4 "a" BARS (TOP AND BOTTOM OF TOP SLAB AND TOP AND BOTTOM OF BOTTOM SLAB) @ 12" CTS (WITH #4 v BARS); "CUT-TO-FIT" IN FIELD
 - #4 "v" BARS @ 12" CTS

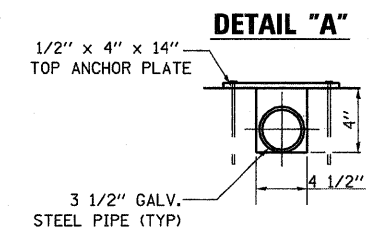


SECTION A-A

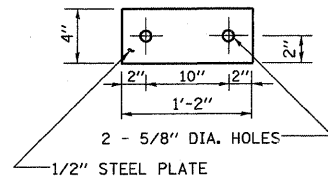


SIDE VIEW

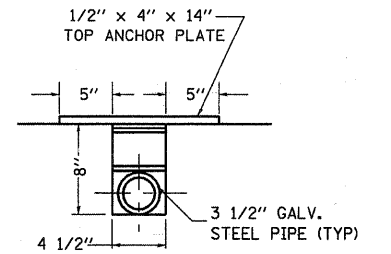
- NOTES:**
- #4 "L" BARS TO BE IN OUTSIDE FACE OF WALL
 - #4 "a" BARS TO BE "CUT IN FIELD" AT PIPE IN BACK WALL



TOP ANCHOR PLATE



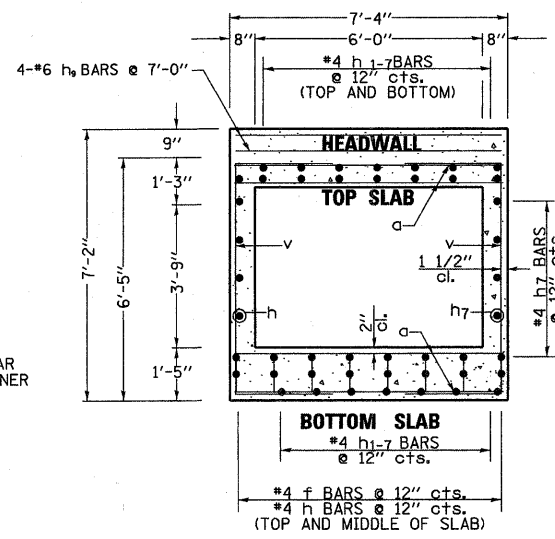
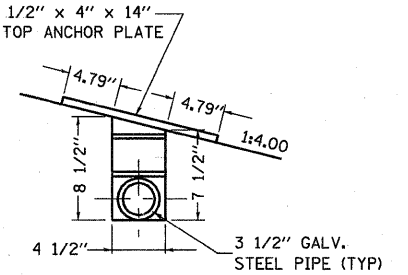
DETAIL 'B'



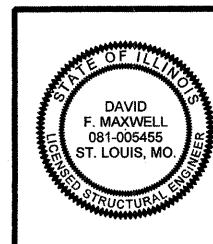
DESIGN STRESSES

$f_y = 60,000 \text{ psi}$
 $f'_c = 3,500 \text{ psi}$

DETAIL 'C'



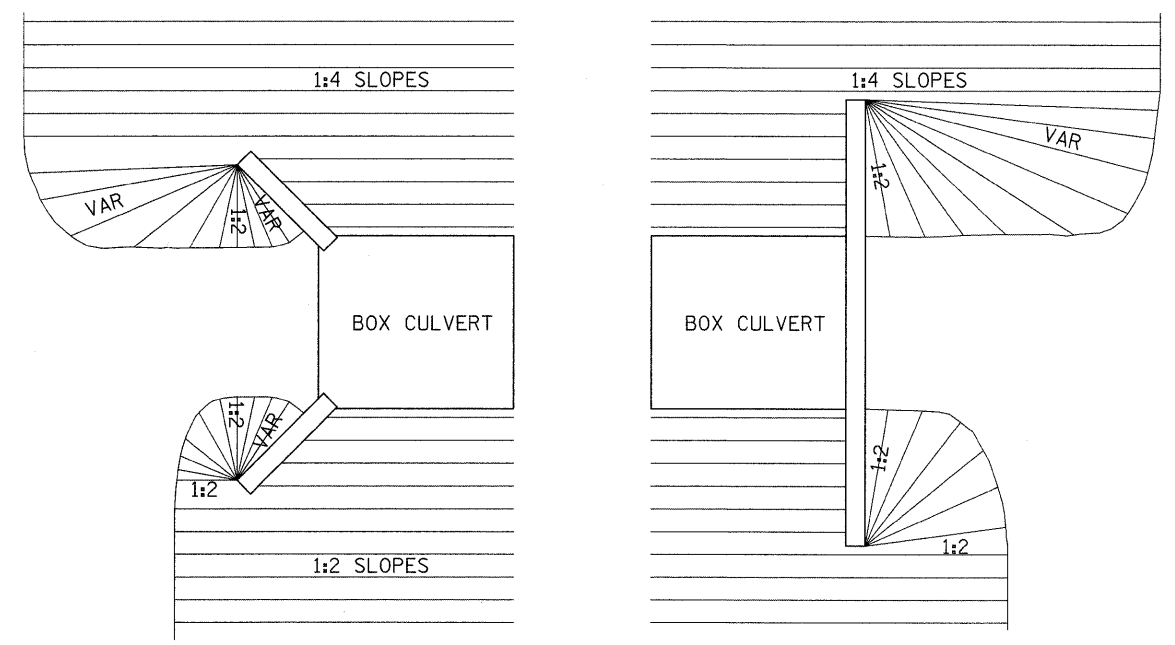
SECTION B-B



David F. Maxwell, S.E.
 Date: 1/26/09
 My registration expires November 30, 2010.

FILE NAME =	USER NAME = bridge-consultant	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DROP BOX NO. 1			F.A.P. RTE. 646	SECTION 4T-2	COUNTY CARROLL	TOTAL SHEETS 27	SHEET NO. 27
	PLOT SCALE = 2.5000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 64D12		
	PLOT DATE = 1/26/2009	CHECKED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

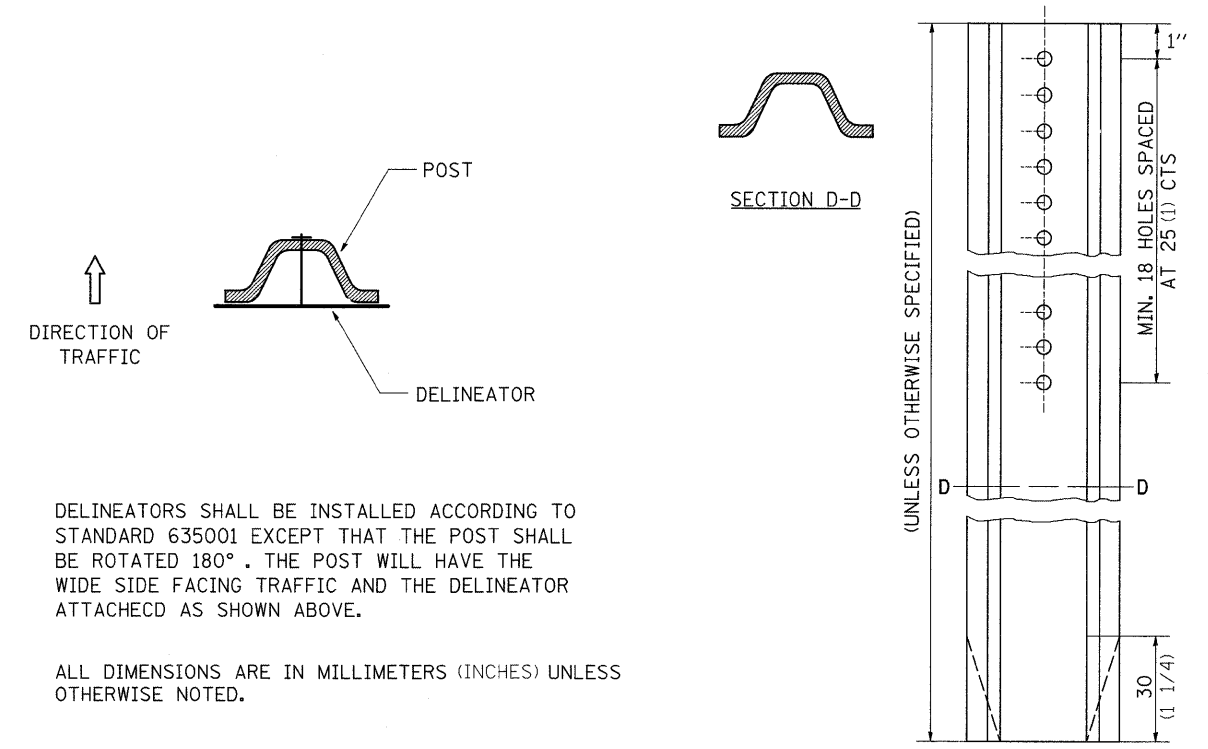
GRADING AROUND WINGWALLS



10-21-08

GRADING AROUND WINGWALLS 20.4

DELINEATOR AND POST ORIENTATION



REVISED - 11-01-07

DELINEATOR AND POST ORIENTATION 37.4

LETTERING FOR NAME PLATE

STATION
 BUILT 200 BY
 STATE OF ILLINOIS
 RTE. SEC.
 FA PROJECT
 LOADING HS 20
 STR. NO.

SEE STD. 515001

STATION	STRUCTURE NO.

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

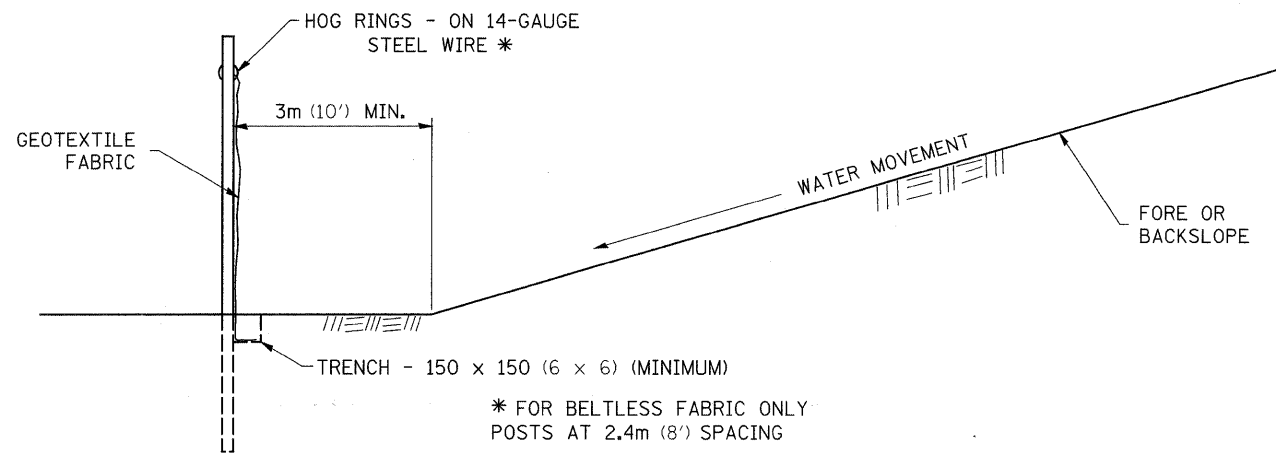
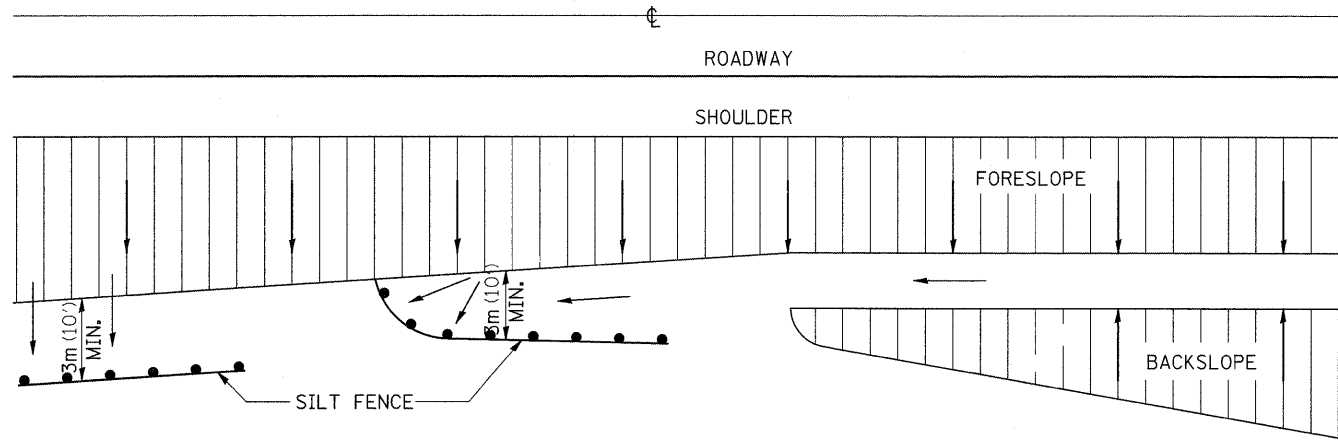
REVISED - 11-01-07

LETTERING FOR NAME PLATE 89.4

REVISED -	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		646	4T-2	CARROLL	63	29
REVISED -		CONTRACT NO. 64D12				
REVISED -		SCALE: 50.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

PLOT DATE = Fri Mar 13 12:10:24 2009

EROSION CONTROL DETAILS FOR SILT FENCE

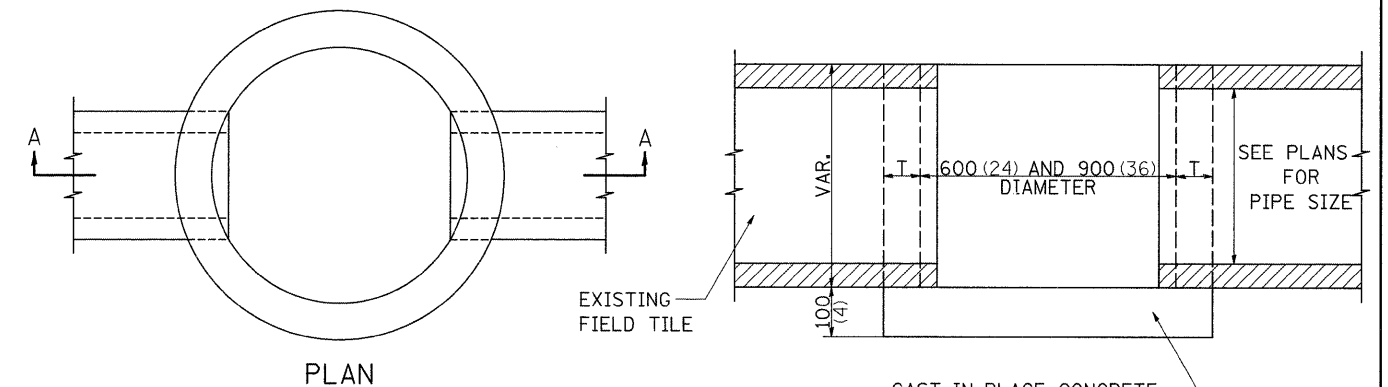
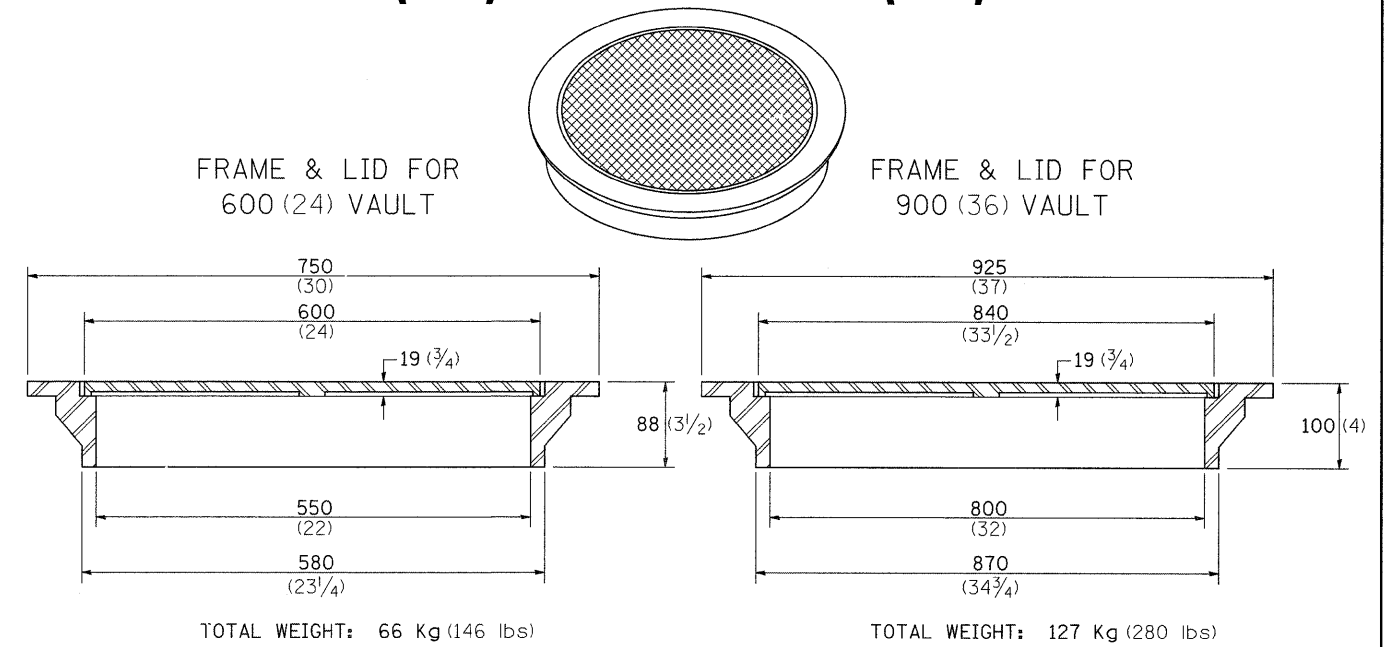


DETAILS OF SILT FENCE

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

REVISED - 10-22-01

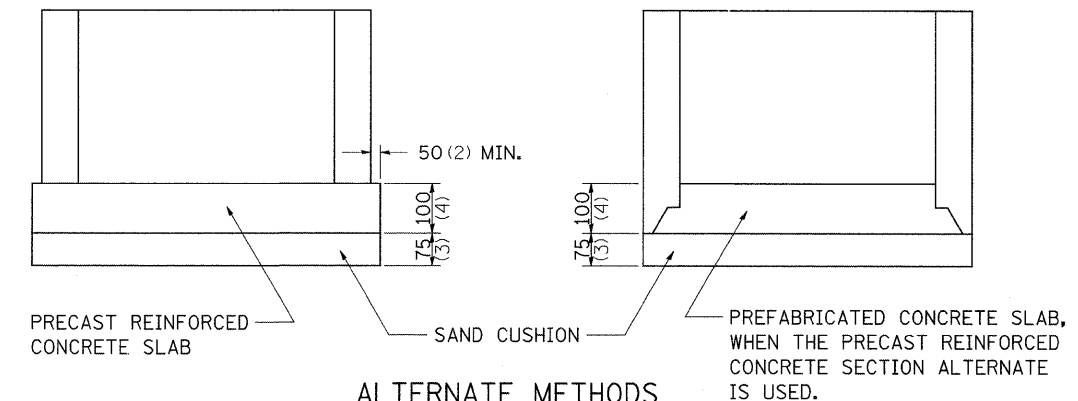
FIELD TILE JUNCTION VAULTS 600 (24) AND 900 (36) DIA.



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.

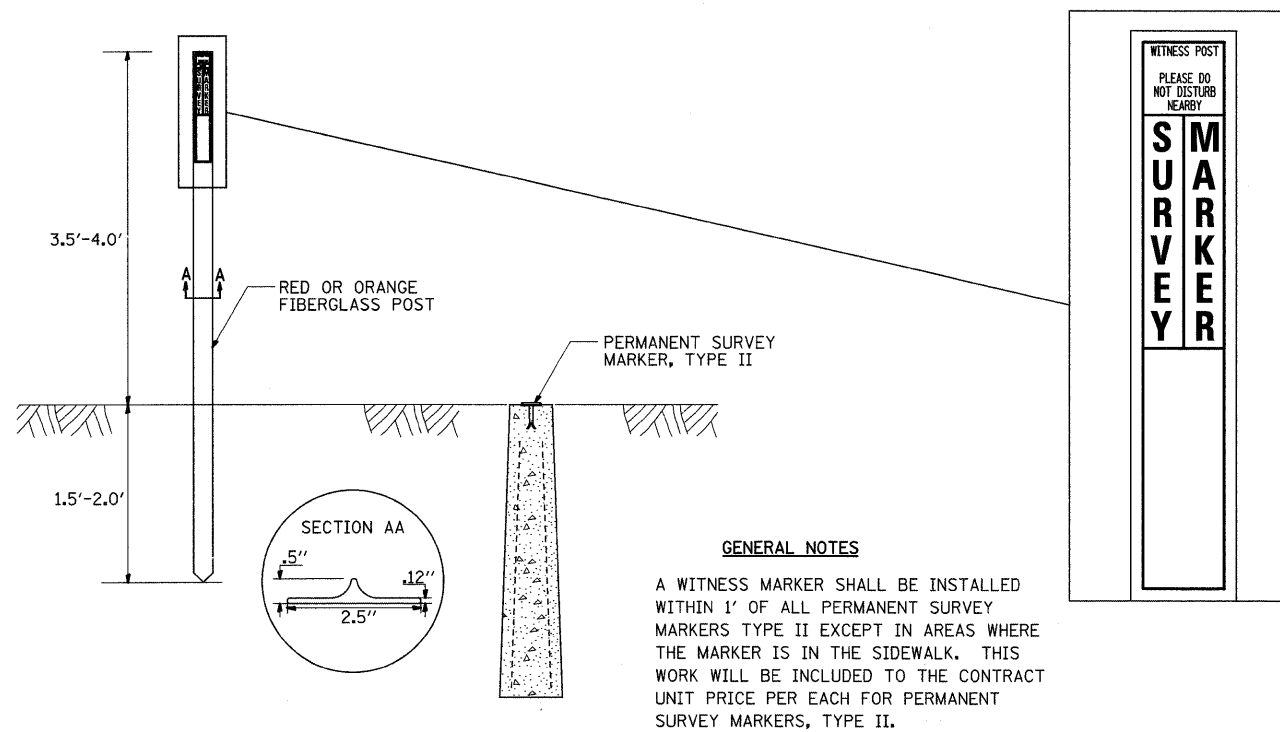
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



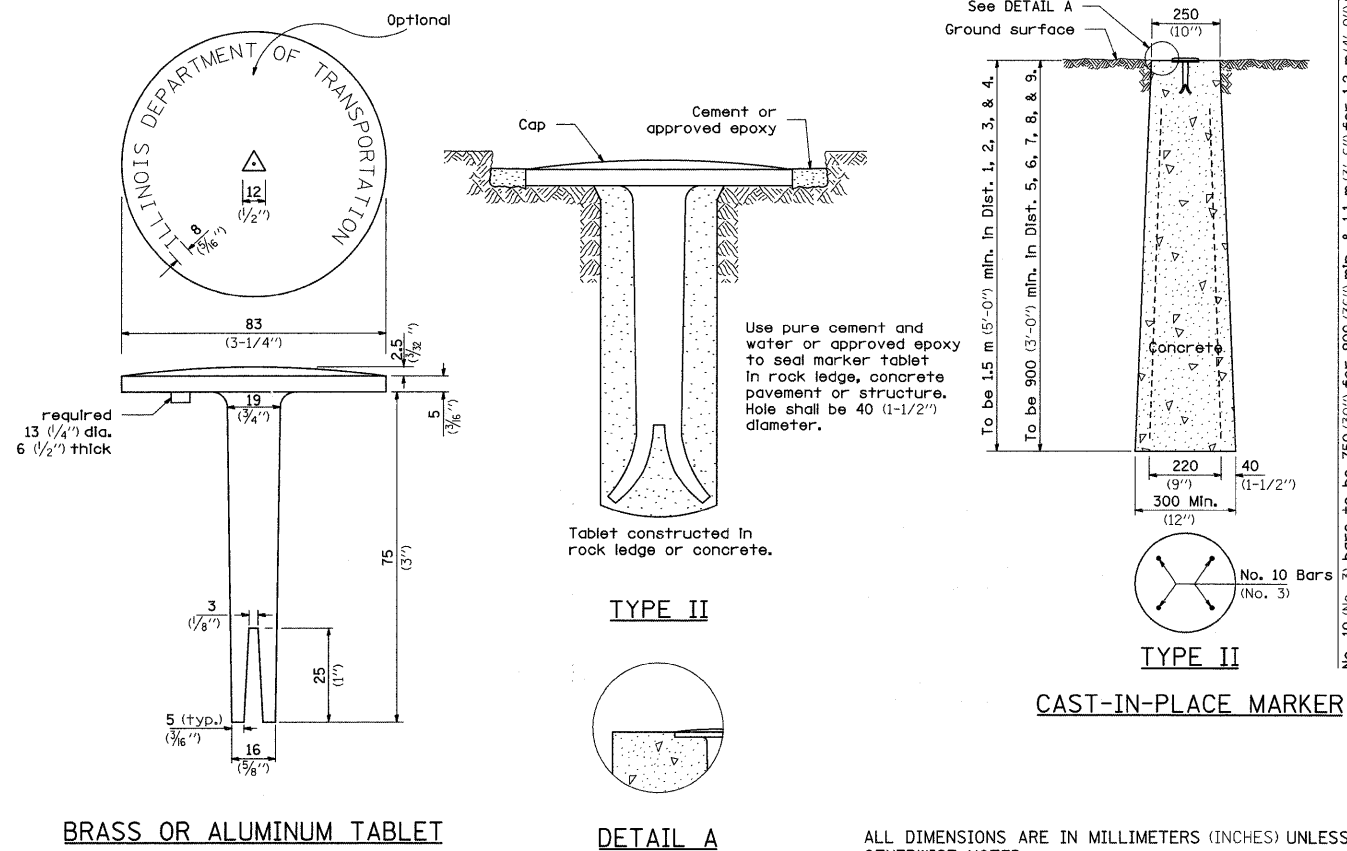
ALTERNATE METHODS

REVISED - 5-03-94	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -					646	4T-2	CARROLL	63	30
REVISED -					CONTRACT NO. 64D12				
REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
SCALE: 50.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.									

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



PERMANENT SURVEY MARKERS, TYPE II



No. 10 (No. 3) bars to be 750 (30") for 900 (36") min. & 1.1 m (3'-6") for 1.2 m (4'-0") min.

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

REVISED - 10-21-08

REVISED -
REVISED -
REVISED -
REVISED -

REGION 2 / DISTRICT 2 STANDARD

SCALE: 50.0000' / IN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	4T-2	CARROLL	63	31
CONTRACT NO. 64D12				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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 REMOVAL AND REPLACEMENT OF THREE BOX CULVERTS

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) 2.4 ACRES

PROPOSED R.O.W (TOTAL PARCEL AREA) .91 ACRES

DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 1.4 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:

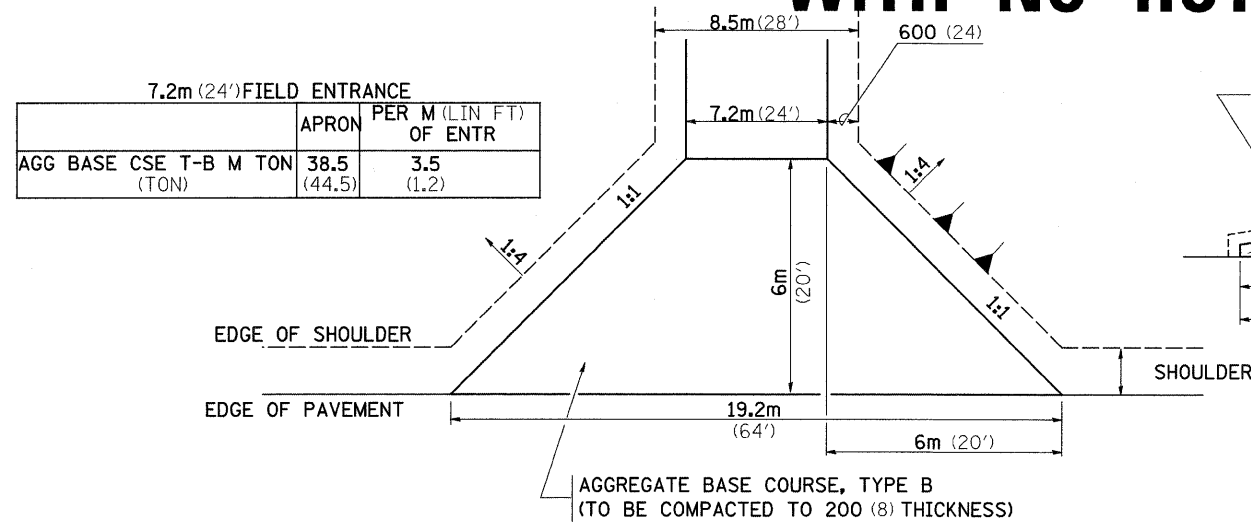
AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING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

MAINTENANCE AFTER FINAL GRADING

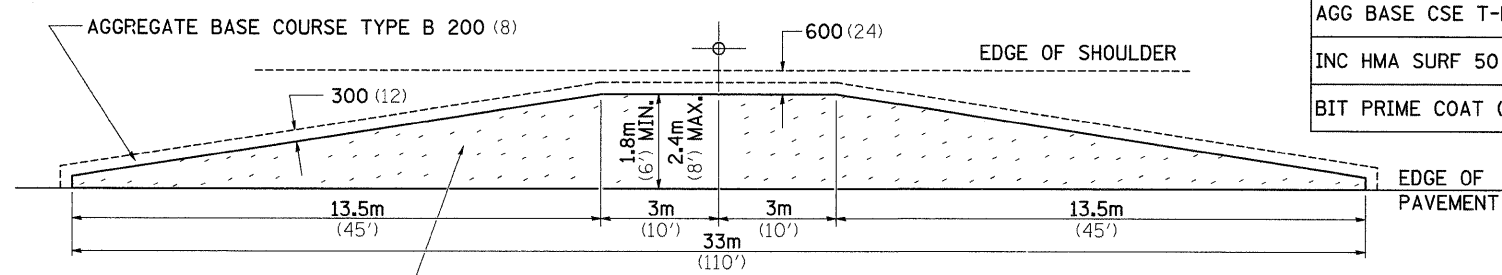
TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND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

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED - 5-12-04	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cs\pwr\work\PWIDOT\FORDJD\dms33783\0264012-sht-details.dgn		DRAWN -	REVISED -			646	4T-2	CARROLL	63	32	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64D12					
PLOT DATE = Fri Mar 13 12:10:25 2009		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

ENTRANCES, SIDE ROADS, AND MAILBOX RETURNS WITH NO HOT-MIX ASPHALT SHOULDERS



7.2m (24') FIELD ENTRANCE		
	APRON	PER M (LIN FT) OF ENTR
AGG BASE CSE T-B M TON (TON)	38.5 (44.5)	3.5 (1.2)

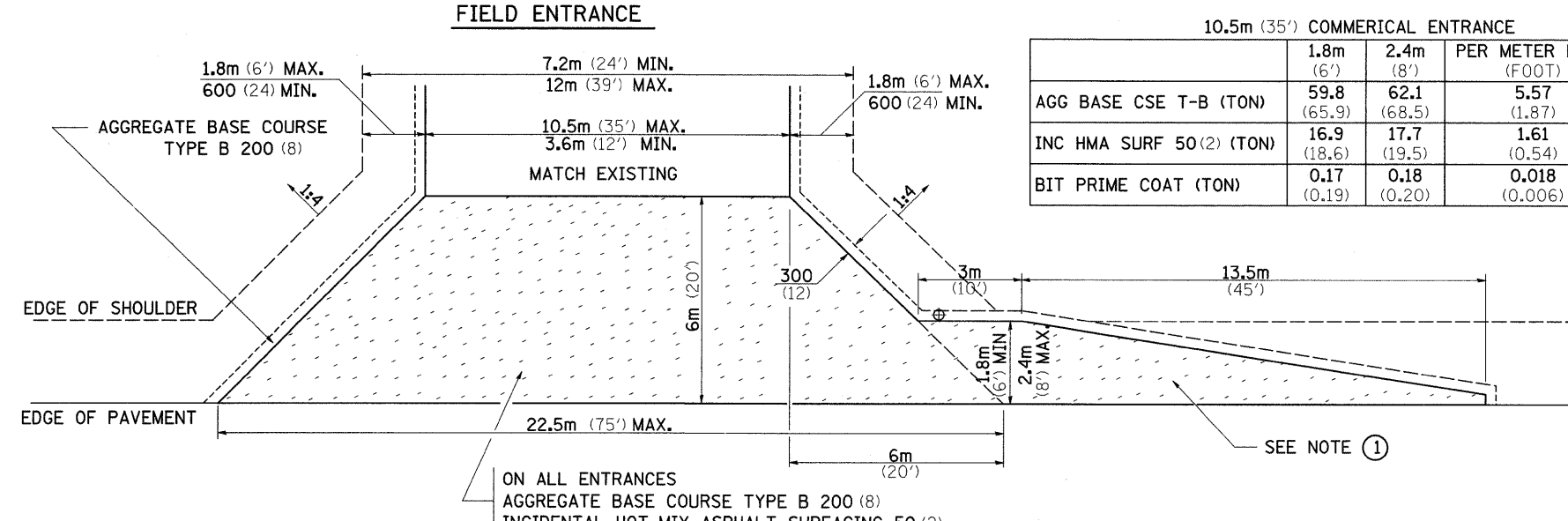


	1.8m (6')	2.4m (8')
AGG BASE CSE T-B (TON)	22.2 (24.5)	28.2 (31.1)
INC HMA SURF 50 (2) (TON)	5.3 (5.8)	7.1 (7.8)
BIT PRIME COAT (TON)	0.05 (0.06)	0.07 (0.08)

ON ALL ENTRANCES
AGGREGATE BASE COURSE TYPE B 200 (8)
INCIDENTAL HOT-MIX ASPHALT SURFACING 50 (2)

MAILBOX TURNOUT

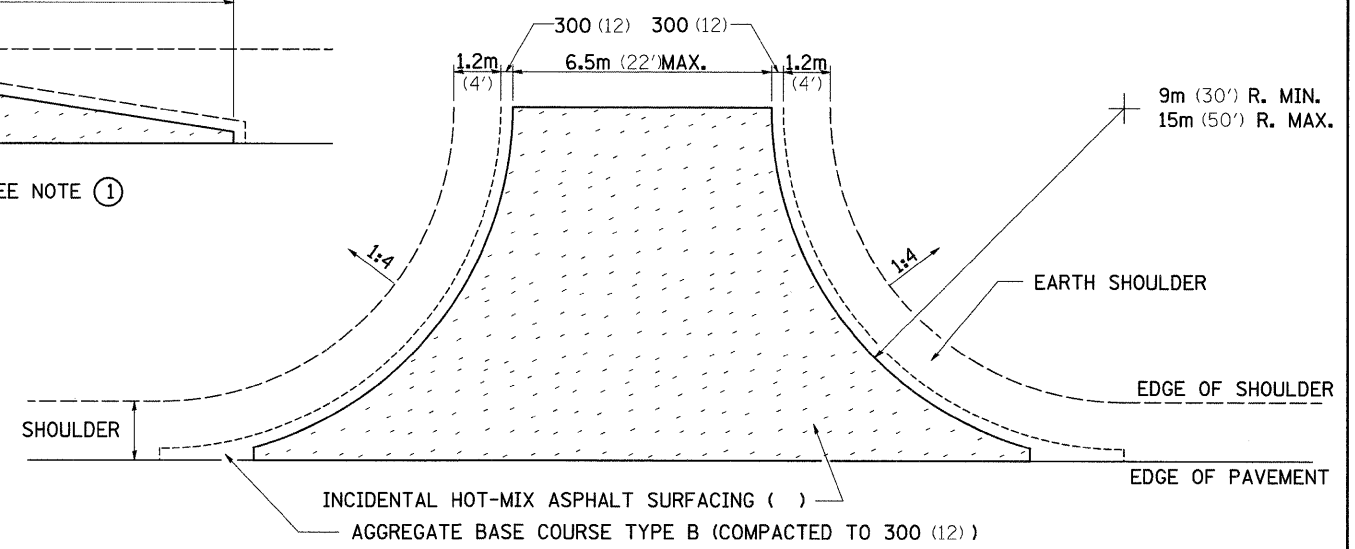
- NOTE**
- TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
 - ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
 - FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
 - QUANTITIES ARE CALCULATED WITH 1' BITUMINOUS SHOULDER IN PLACE. AGGREGATE QUANTITIES SHOWN ARE FOR NEW CONSTRUCTION.
 - EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE CONSIDERED INCLUDED TO THE AGGREGATE BASE COURSE.
 - ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.



10.5m (35') COMMERCIAL ENTRANCE			
	1.8m (6')	2.4m (8')	PER METER ENTR (FOOT)
AGG BASE CSE T-B (TON)	59.8 (65.9)	62.1 (68.5)	5.57 (1.87)
INC HMA SURF 50 (2) (TON)	16.9 (18.6)	17.7 (19.5)	1.61 (0.54)
BIT PRIME COAT (TON)	0.17 (0.19)	0.18 (0.20)	0.018 (0.006)

ON ALL ENTRANCES
AGGREGATE BASE COURSE TYPE B 200 (8)
INCIDENTAL HOT-MIX ASPHALT SURFACING 50 (2)

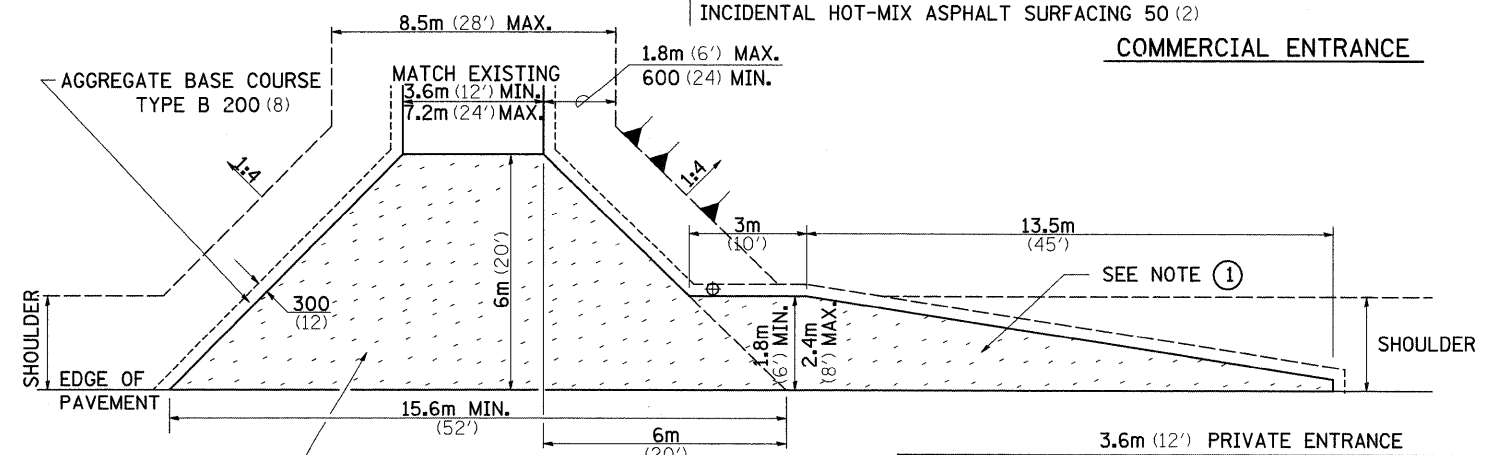
COMMERCIAL ENTRANCE



SIDE ROAD RETURN

	9m RADIUS (30')			12m RADIUS (40')			15m RADIUS (50')		
	5.5m (18')	6m (20')	6.5m (22')	5.5m (18')	6m (20')	6.5m (22')	5.5m (18')	6m (20')	6.5m (22')
AGG BASE CSE T-B (TON)	70.3 (77.5)	74.4 (82.0)	78.6 (86.6)	105.5 (116.3)	111.0 (122.4)	116.6 (128.5)	146.6 (161.6)	153.5 (169.2)	116.6 (127.8)
INC HMA SURF AT 25 (1) (TON)	5.3 (5.8)	5.5 (6.1)	5.9 (6.5)	8.0 (8.8)	8.4 (9.3)	9.0 (9.9)	11.1 (12.2)	11.7 (12.9)	9.0 (13.5)
BIT PRIME COAT (TON)	0.14 (0.15)	0.15 (0.16)	0.15 (0.17)	0.20 (0.22)	0.22 (0.24)	0.23 (0.25)	0.30 (0.33)	0.32 (0.35)	0.32 (0.37)

NOTE: USE 50 (2) INC. HMA SURF. ON EXISTING RETURNS



3.6m (12') PRIVATE ENTRANCE			
	1.8m (6')	2.4m (8')	PER METER ENTR (FOOT)
AGG BASE CSE T-B (TON)	39.7 (43.8)	42.0 (46.3)	2.11 (0.71)
INC HMA SURF 50 (2) (TON)	10.7 (11.8)	11.5 (12.7)	0.57 (0.19)
BIT PRIME COAT (TON)	0.11 (0.12)	0.18 (0.13)	0.006 (0.002)

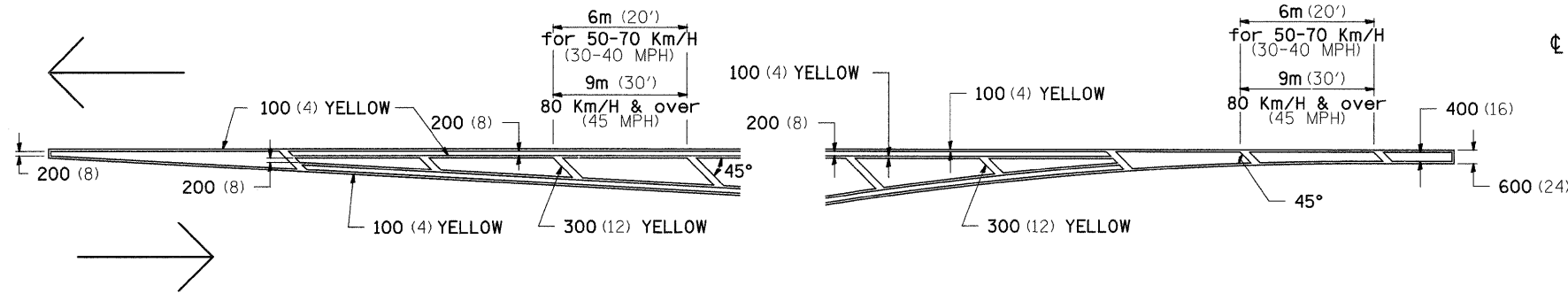
ON ALL ENTRANCES
AGGREGATE BASE COURSE TYPE B
(TO BE COMPACTED TO 200 (8) THICKNESS)
INCIDENTAL HOT-MIX ASPHALT SURFACING 50 (2)

PRIVATE ENTRANCE

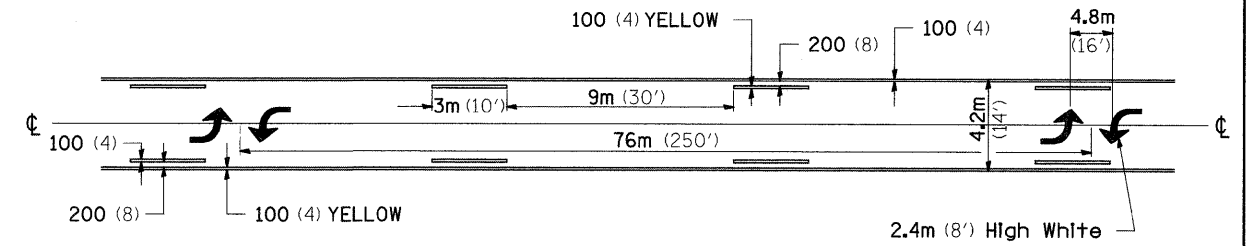
FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED - 1-15-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE. 646	SECTION 4T-2	COUNTY CARROLL	TOTAL SHEETS 63	SHEET NO. 33	
CONTRACT NO. 64D12	PLOT SCALE = 50.0000" / IN.	CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = Fri Mar 13 12:10:25 2009	DATE -	REVISED -								

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

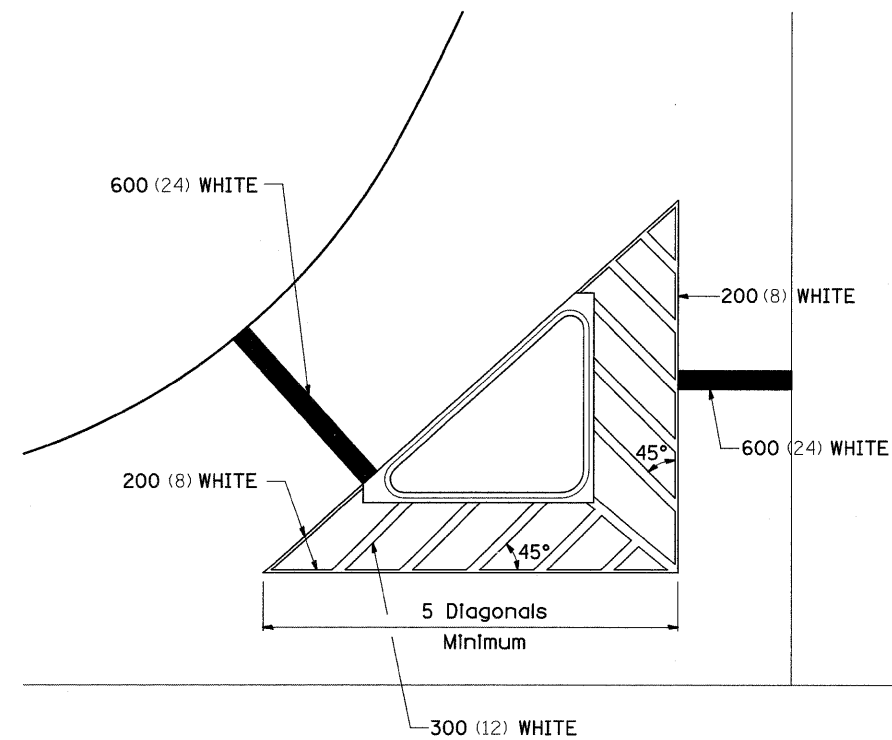


MEDIAN PAVEMENT MARKING

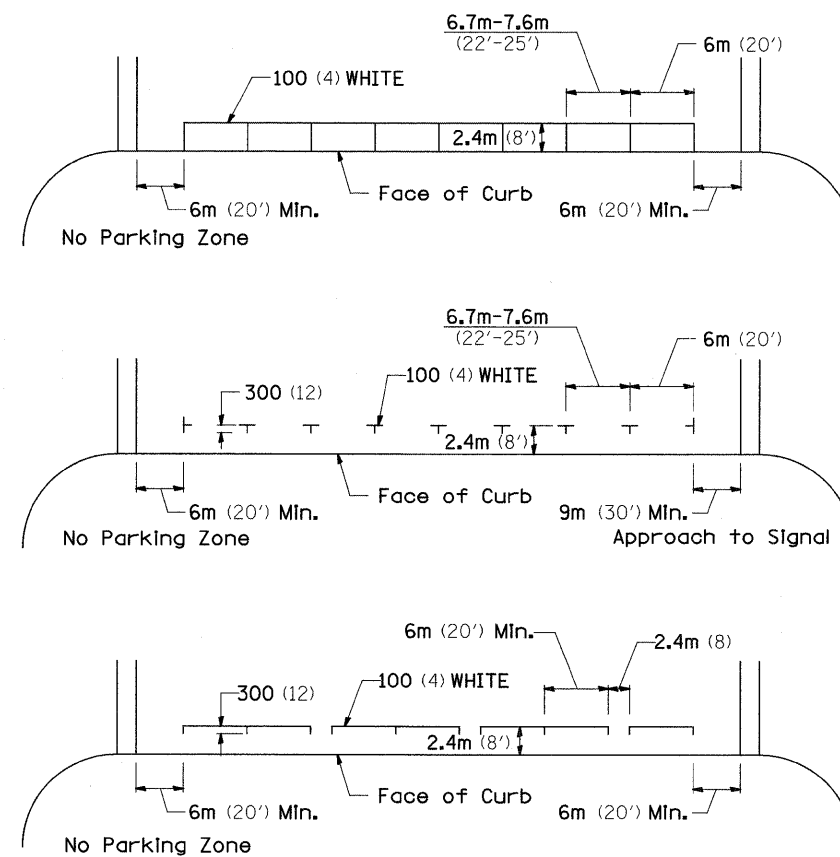


•• ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

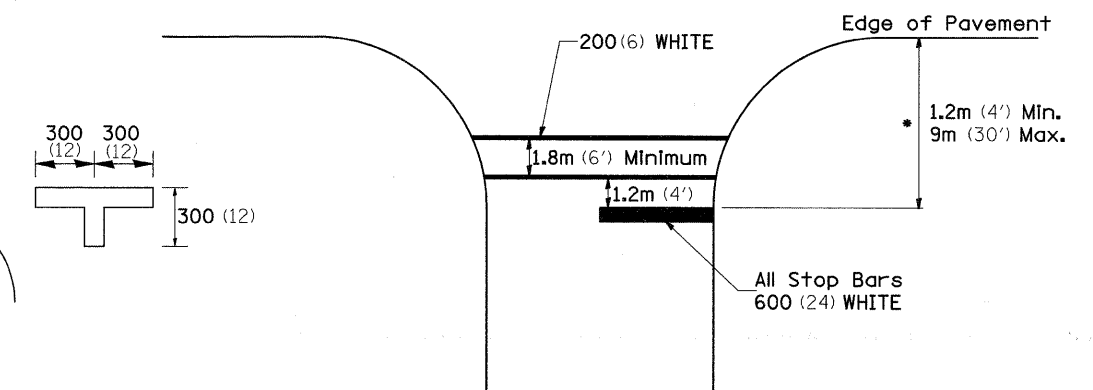


TYPICAL PARKING SPACING



STANDARD CROSSWALK MARKING

See Schedules for Locations

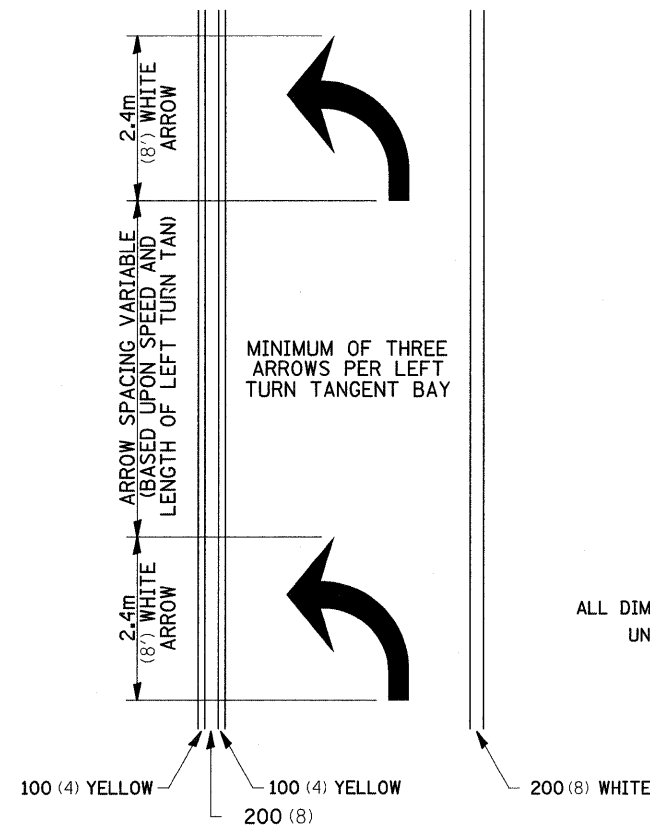


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED - 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwidot\FORDJD\dms33783\0264\12-shr-details.dgn	PLOT SCALE = 50.0000 / IN.	DRAWN -	REVISED -					646	4T-2	CARROLL	63	34
PLOT DATE = Fri Mar 13 12:10:25 2009	DATE -	CHECKED -	REVISED -					CONTRACT NO. 64D12				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

TYPICAL PAVEMENT MARKINGS

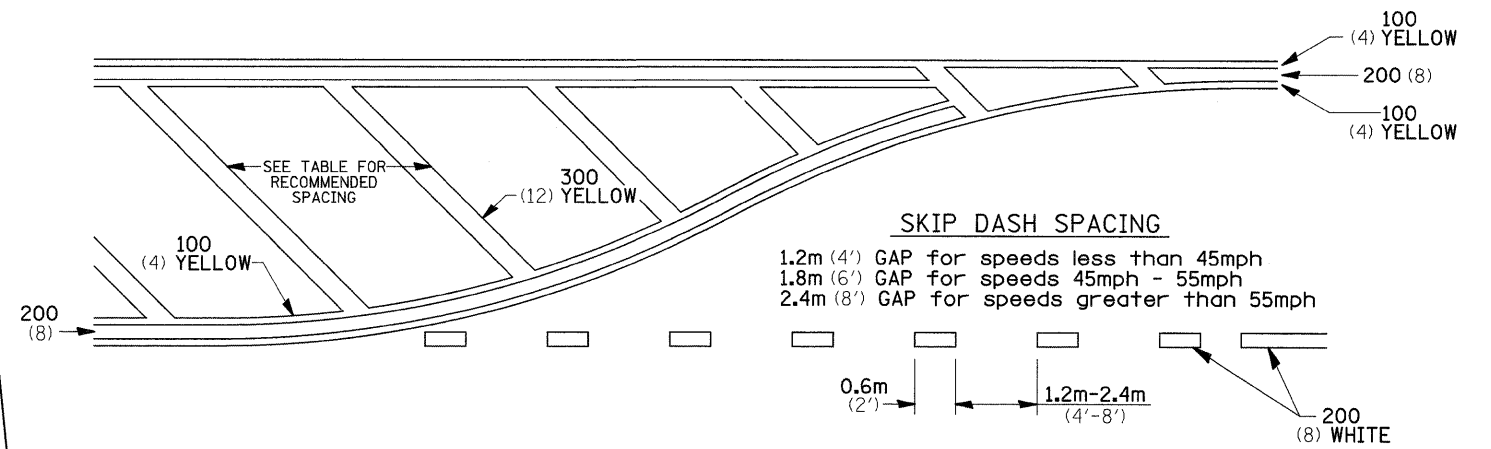
ARROW LAYOUT



- ▲ ONE-WAY AMBER MARKER
- △ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

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

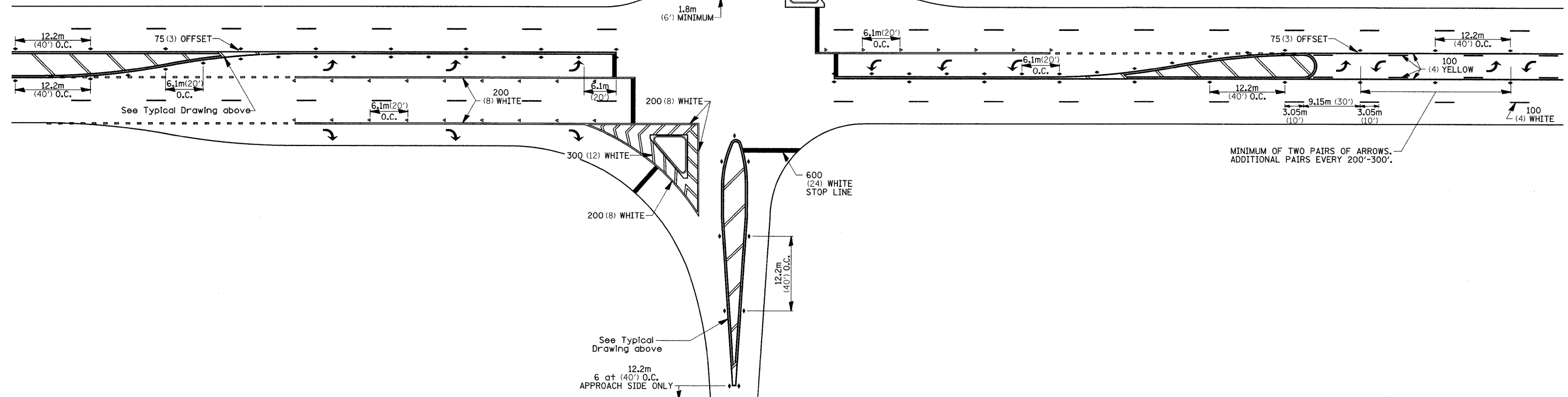
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

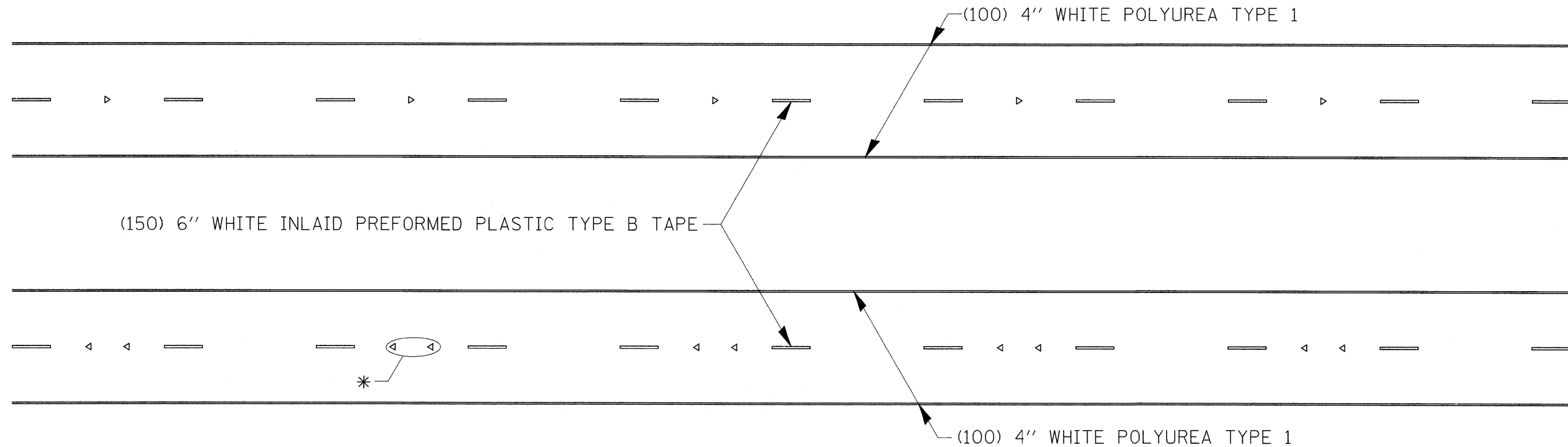
Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 50Km/H (30MPH)	15.3m (50')	4.53m (15')	3.05m (10')
50-60Km/H (30-40MPH)	22.9m (75')	6.1m (20')	4.53m (15')
70Km/H (45MPH) & over	22.9m (75')	9.05m (30')	6.1m (20')

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.



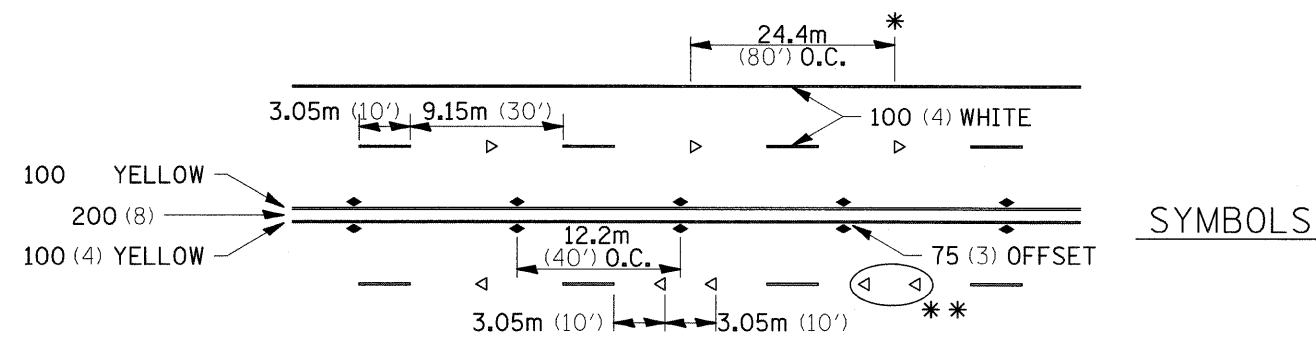
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c:\pwork\pwidot\FORDJD\dms33783\0264\12-shr-details.dgn		DRAWN -	REVISED -					646	4T-2	CARROLL	63	35
PLOT SCALE = 50.0000 / IN.		CHECKED -	REVISED -					CONTRACT NO. 64D12				
PLOT DATE = Fri Mar 13 12:10:26 2009		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

TYPICAL PAVEMENT MARKINGS



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

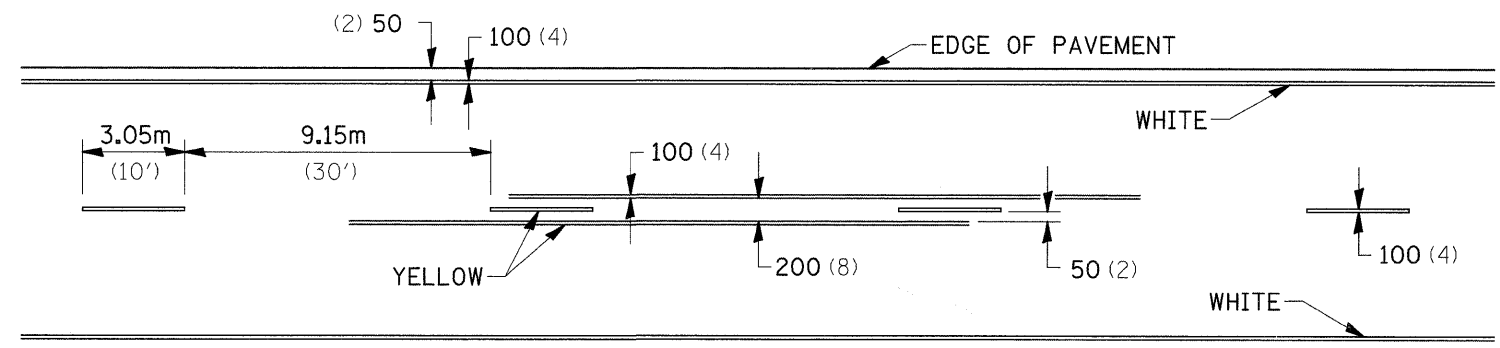
MULTI-LANE / DIVIDED



* 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

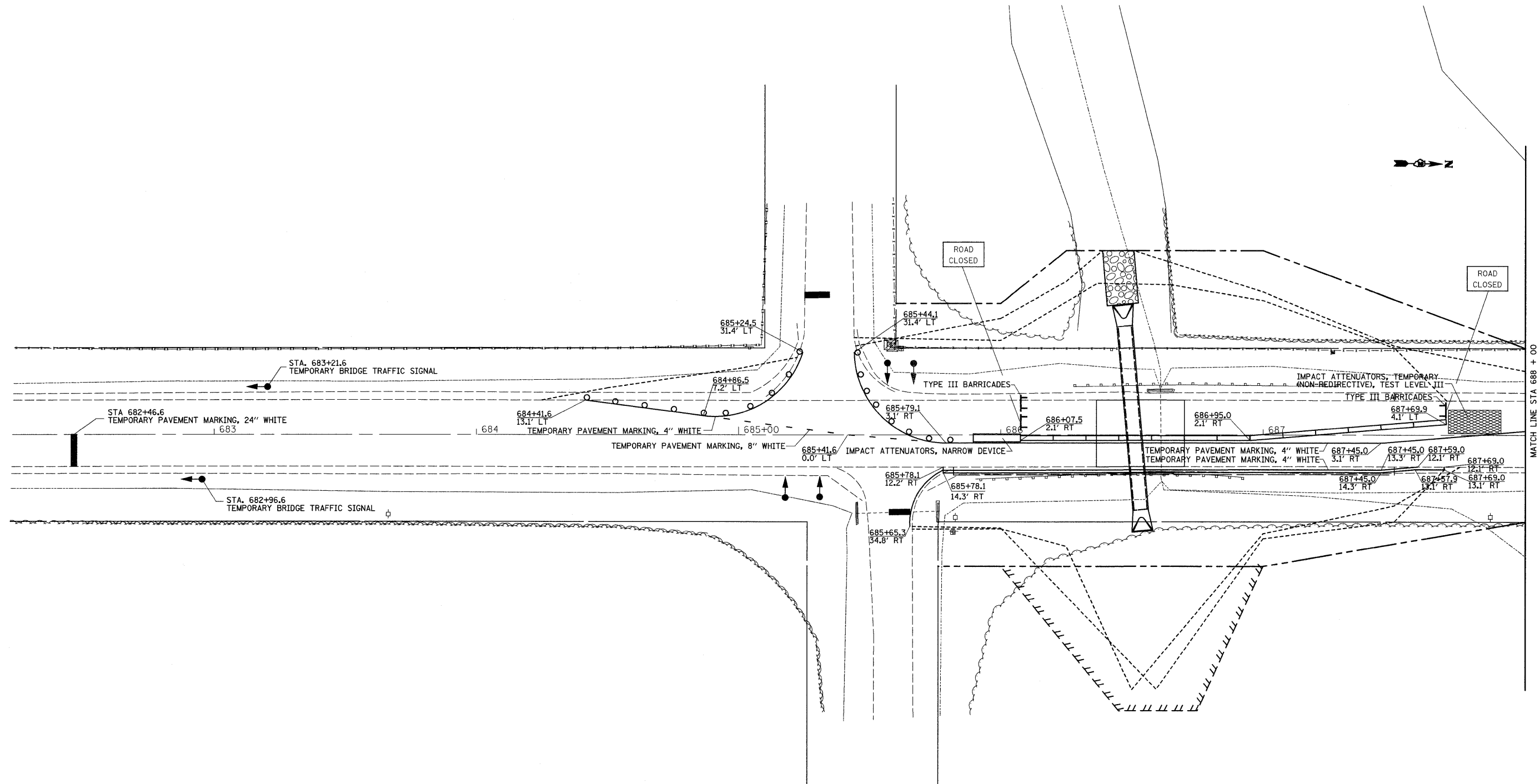
MULTI-LANE / UNDIVIDED

TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED - 10-21-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
02\pwork\FWIDOT\FORDJD\dms33783\0264\12-sh-t-details.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	646	4T-2	CARROLL	63	36
		CHECKED -	REVISED -						CONTRACT NO. 64D12					
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT					
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		PLOT DATE = Fri Mar 13 12:10:26 2009												

STAGE 1

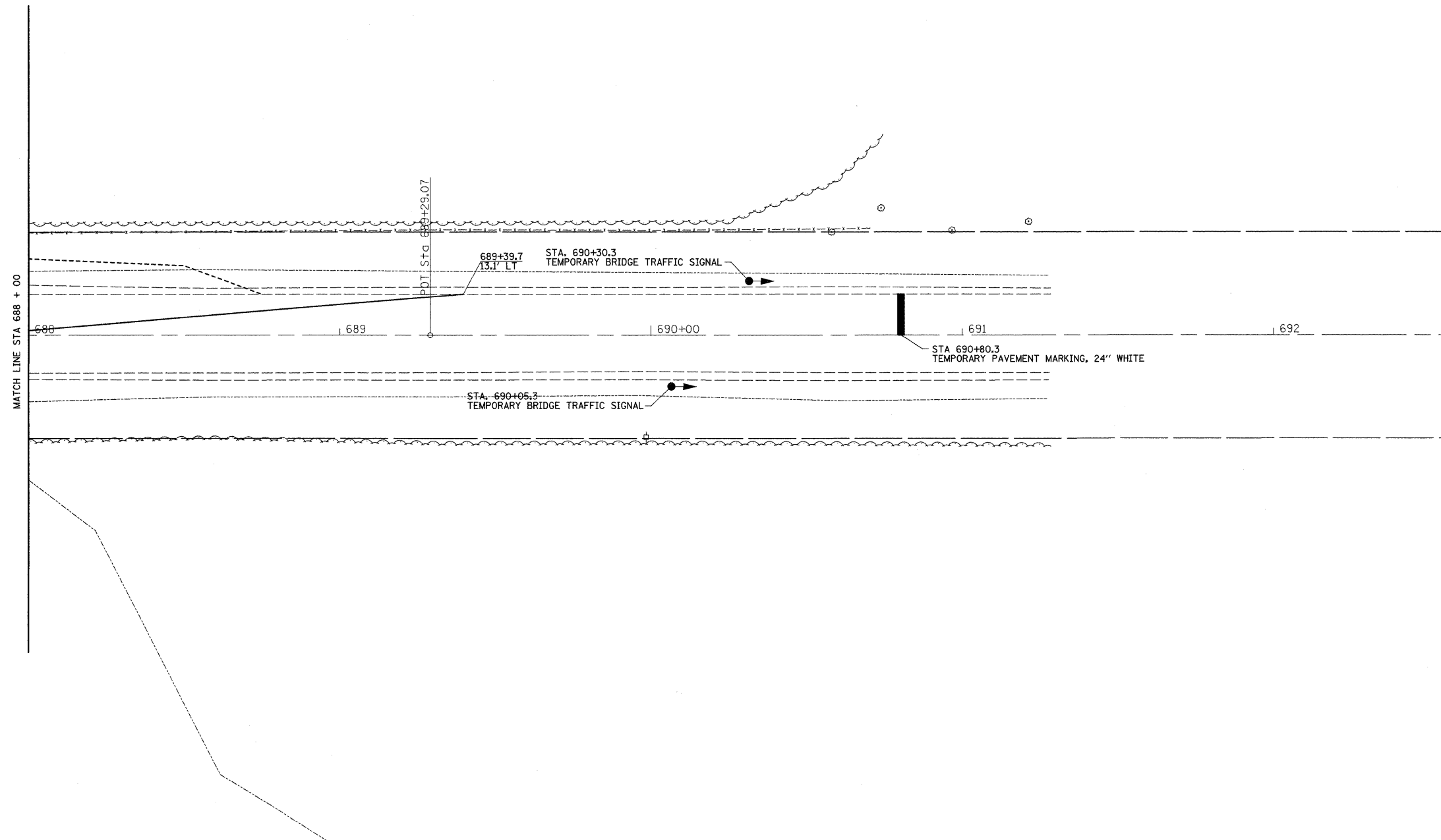


MATCH LINE STA 688 + 00

NOTE: 1. WIDENING WILL BE CONSTRUCTED USING TRAFFIC CONTROL AND PROTECTION STANDARD 701326.
 2. SIDE ROAD SIGNAL HEADS WILL REMAIN IN PLACE FOR STAGE 2. NO ADDITIONAL COMPENSATION IF HEADS NEED TO BE RELOCATED.

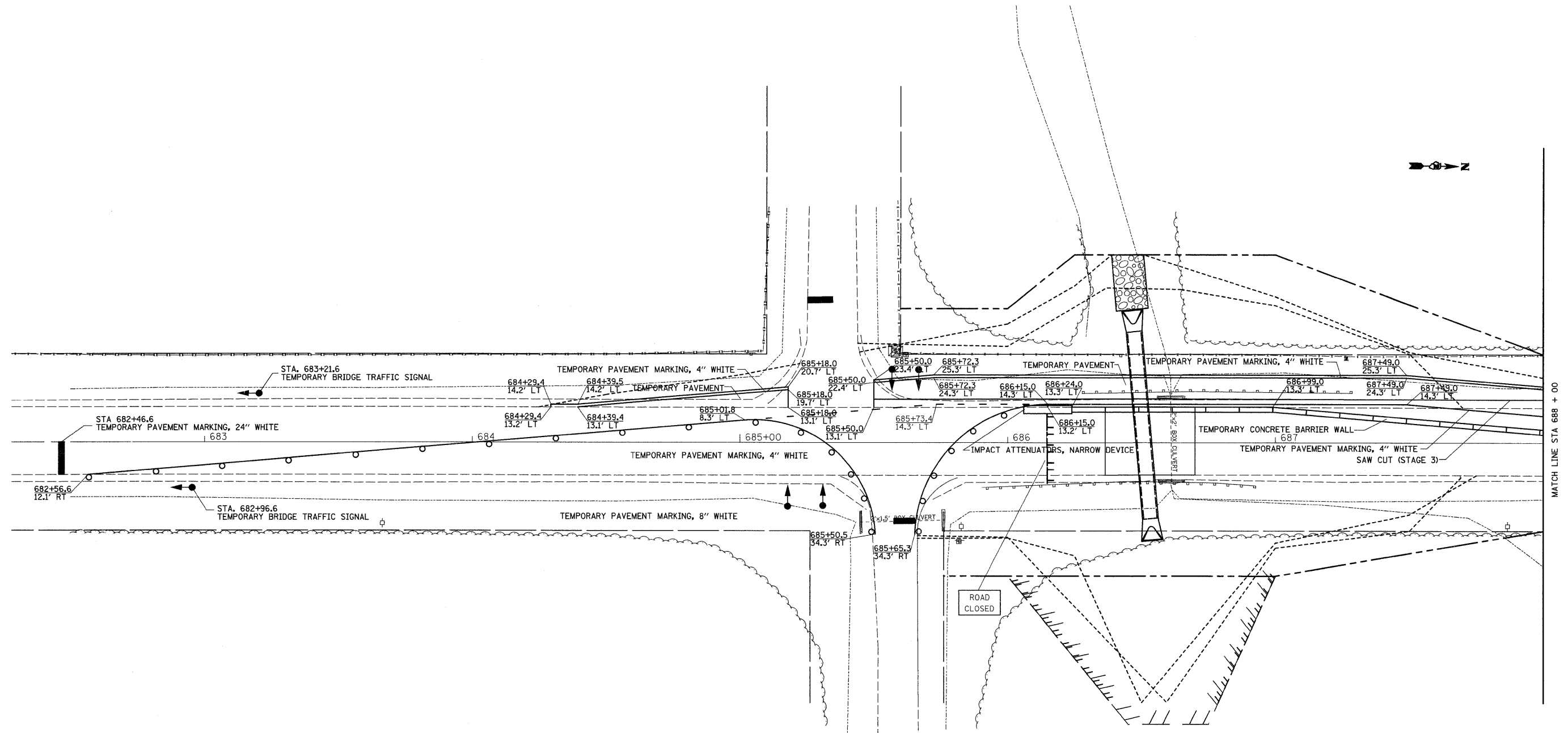
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ILLINOIS FED. AID PROJECT													

STAGE 1



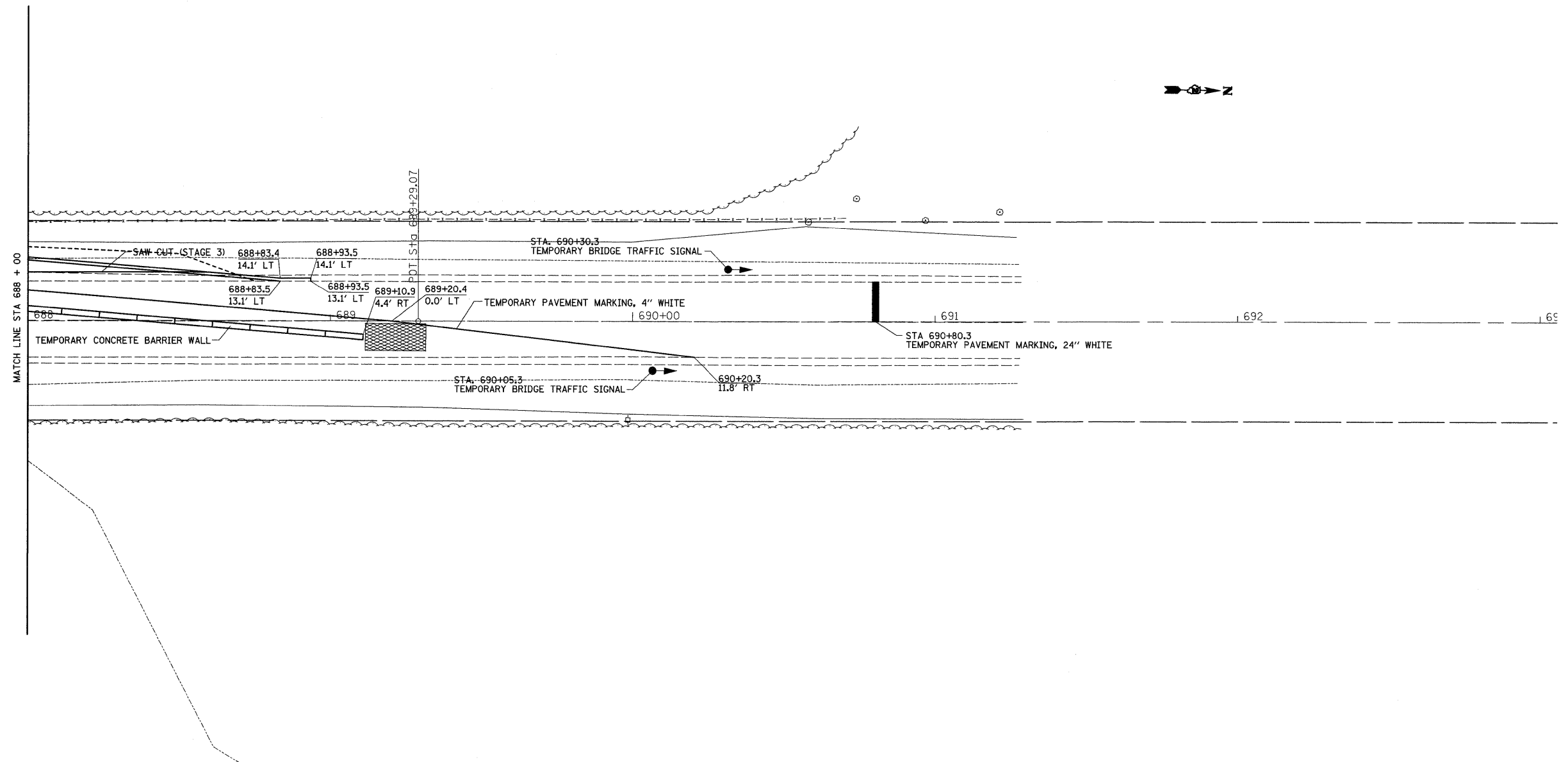
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PLOT DATE = Fri Mar 13 12:12:47 2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

STAGE 2



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 40			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 64D12							
PLOT DATE = Fri Mar 13 12:12:47 2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			

STAGE 2



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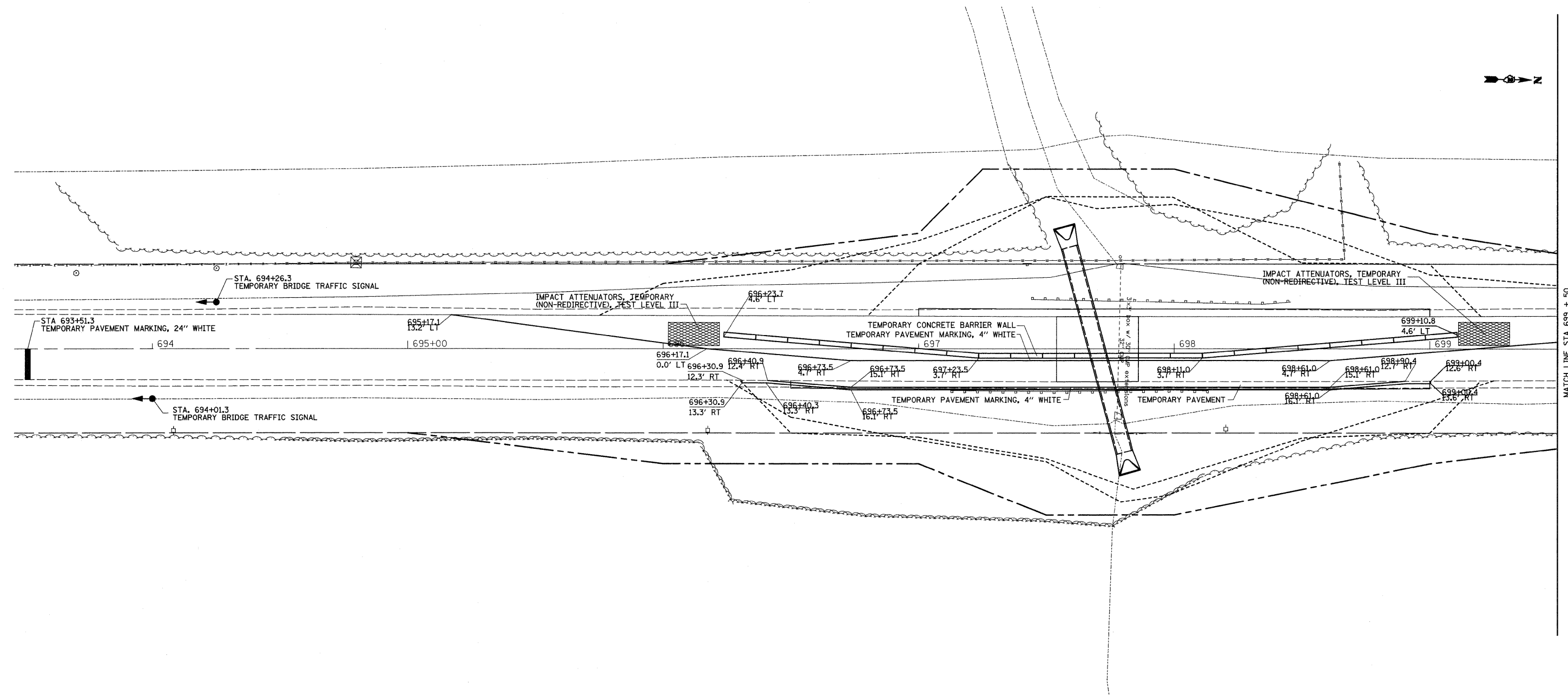
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 40

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

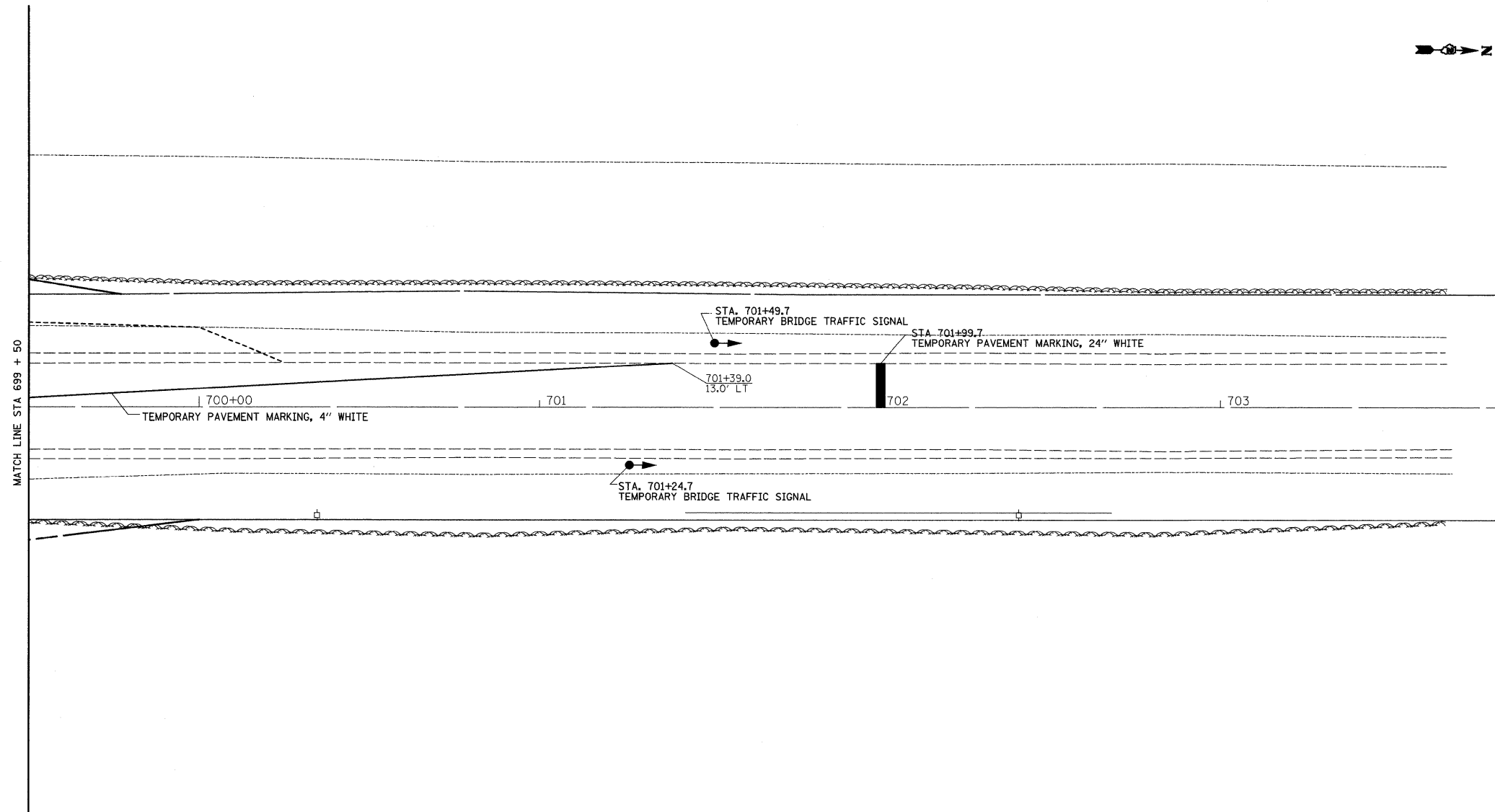
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64D12				
ILLINOIS FED. AID PROJECT				

STAGE 1



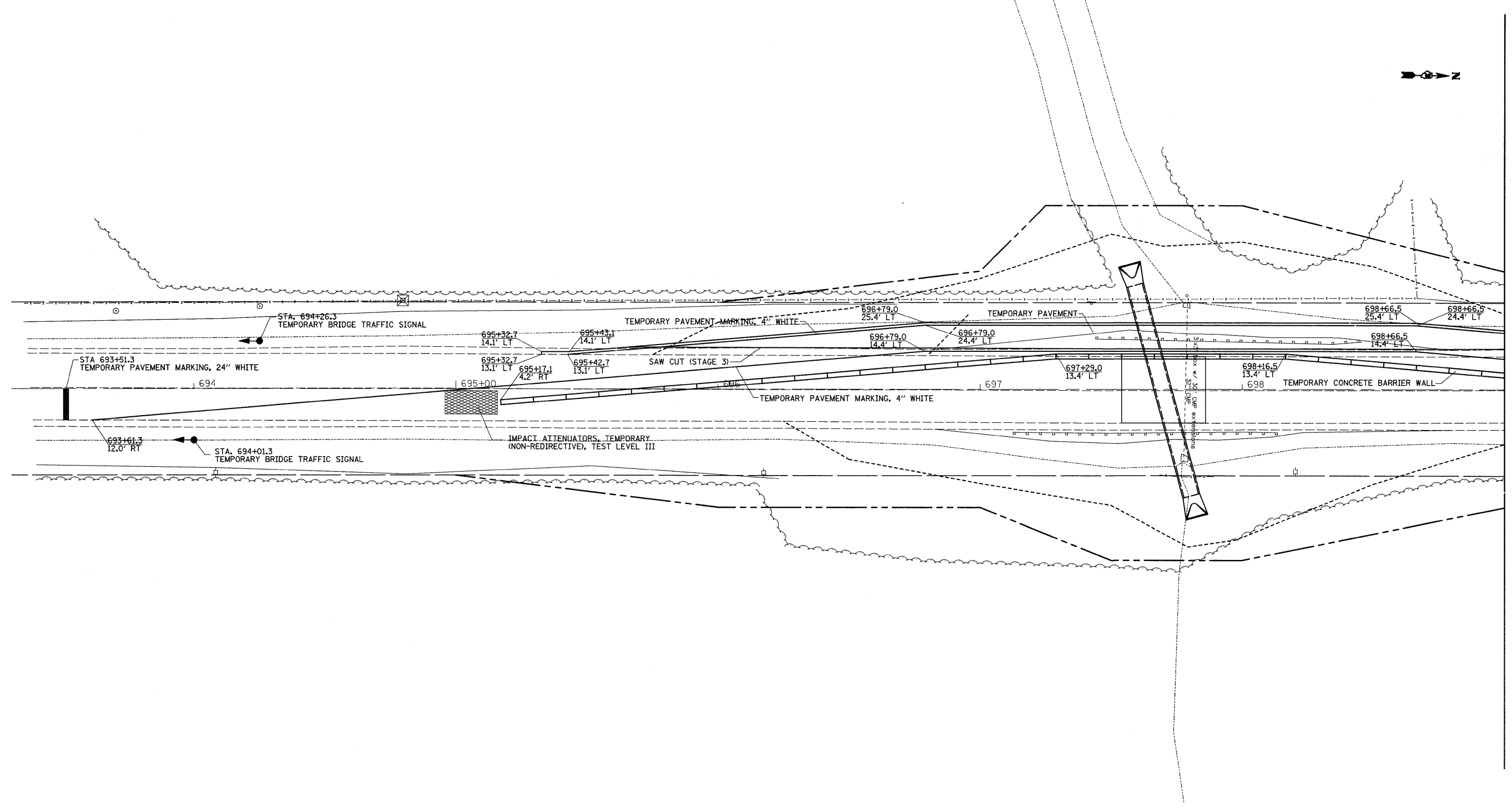
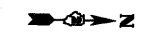
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STAGE 1



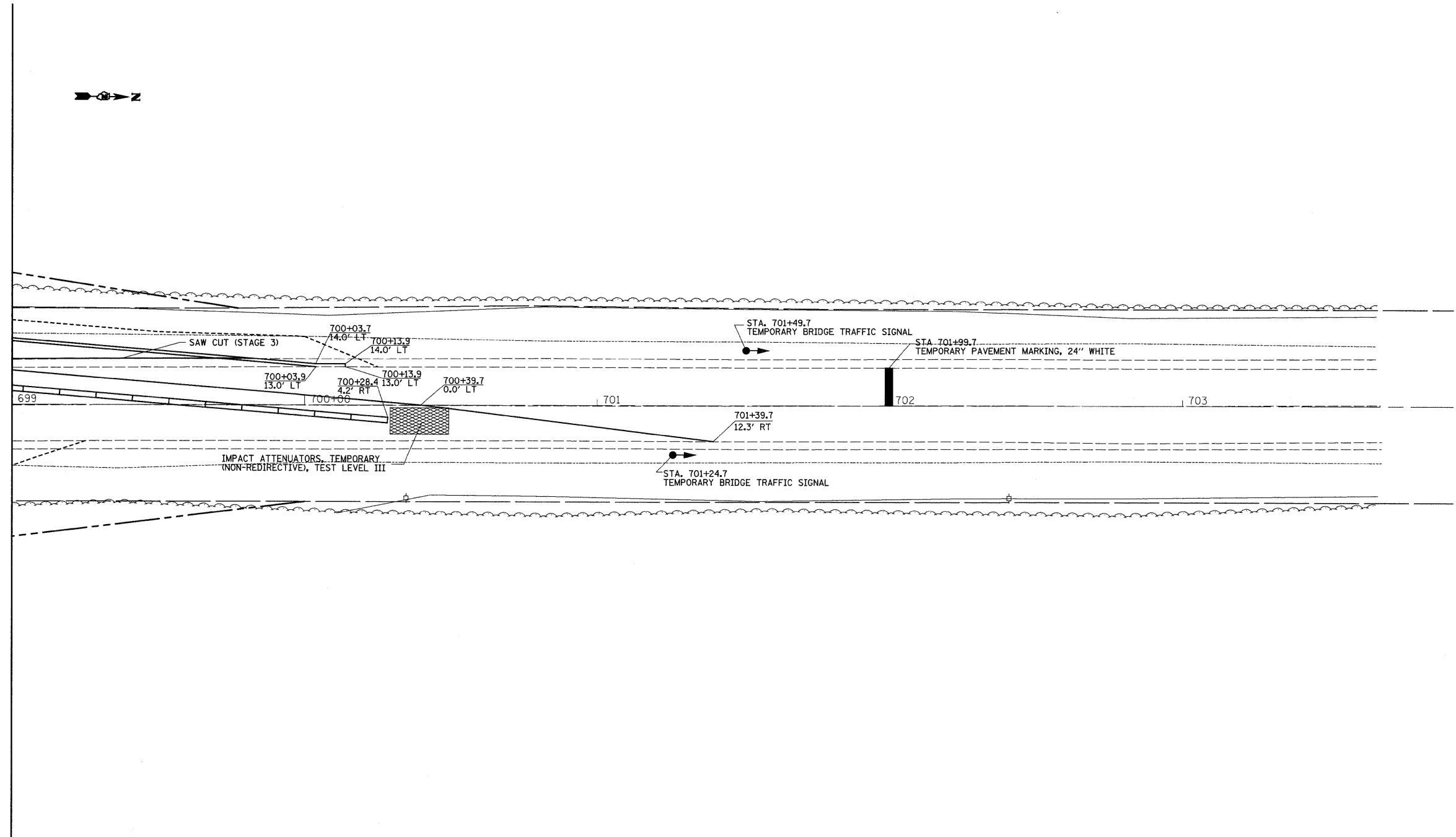
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PLOT DATE = Fri Mar 13 12:12:48 2009		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

STAGE 2



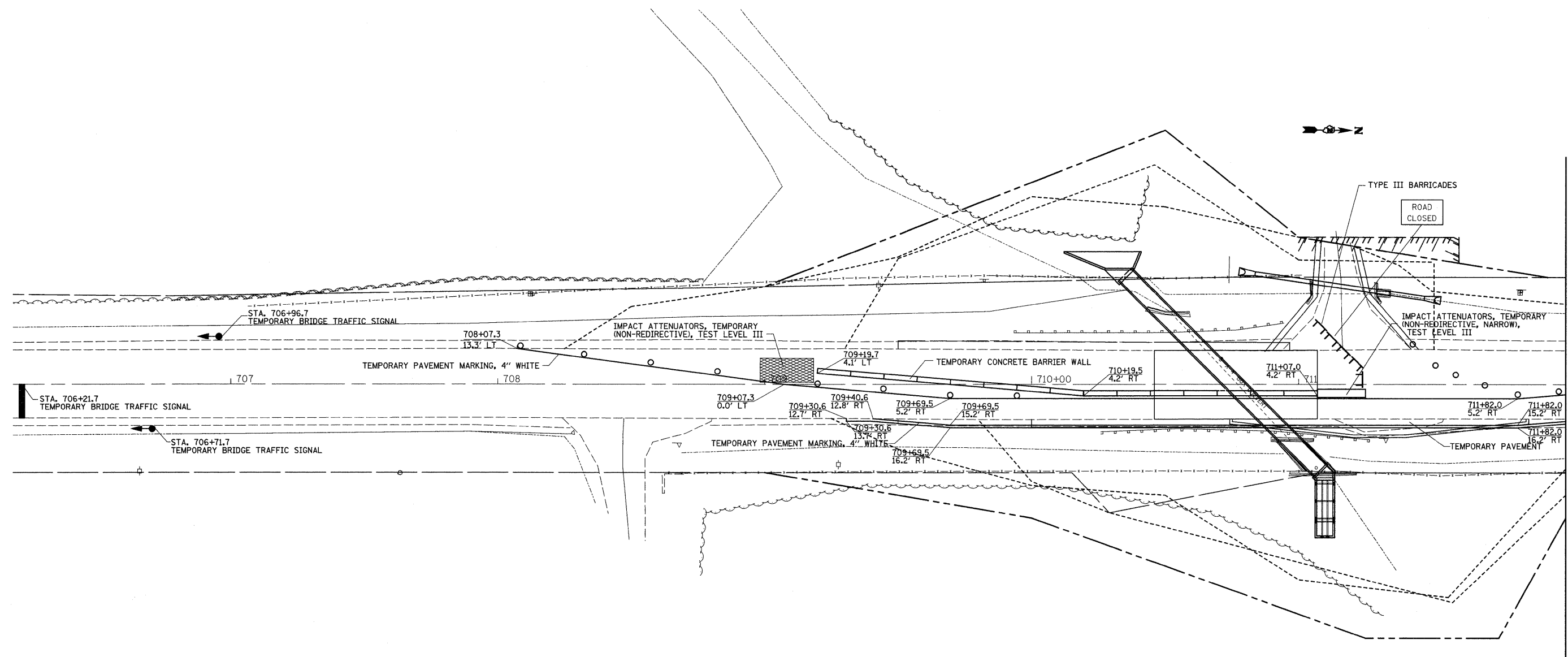
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				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			

STAGE 2



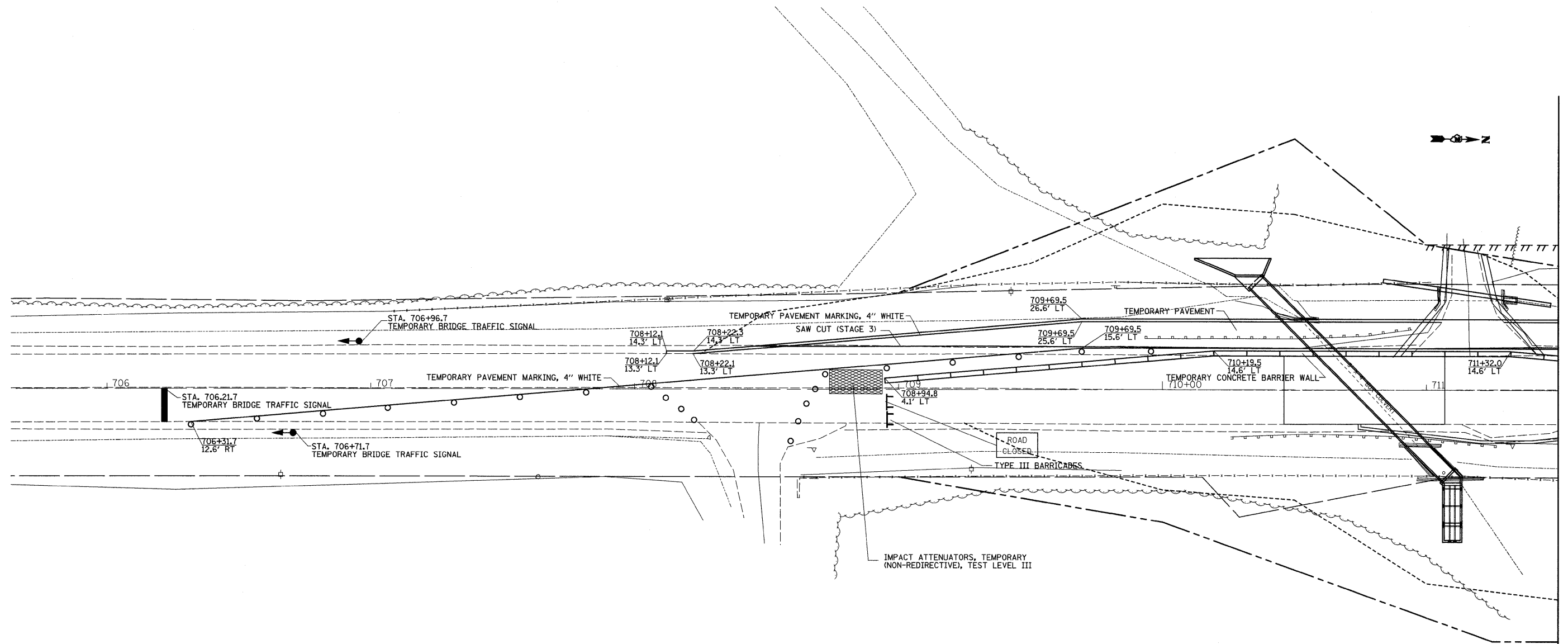
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STAGE 1



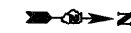
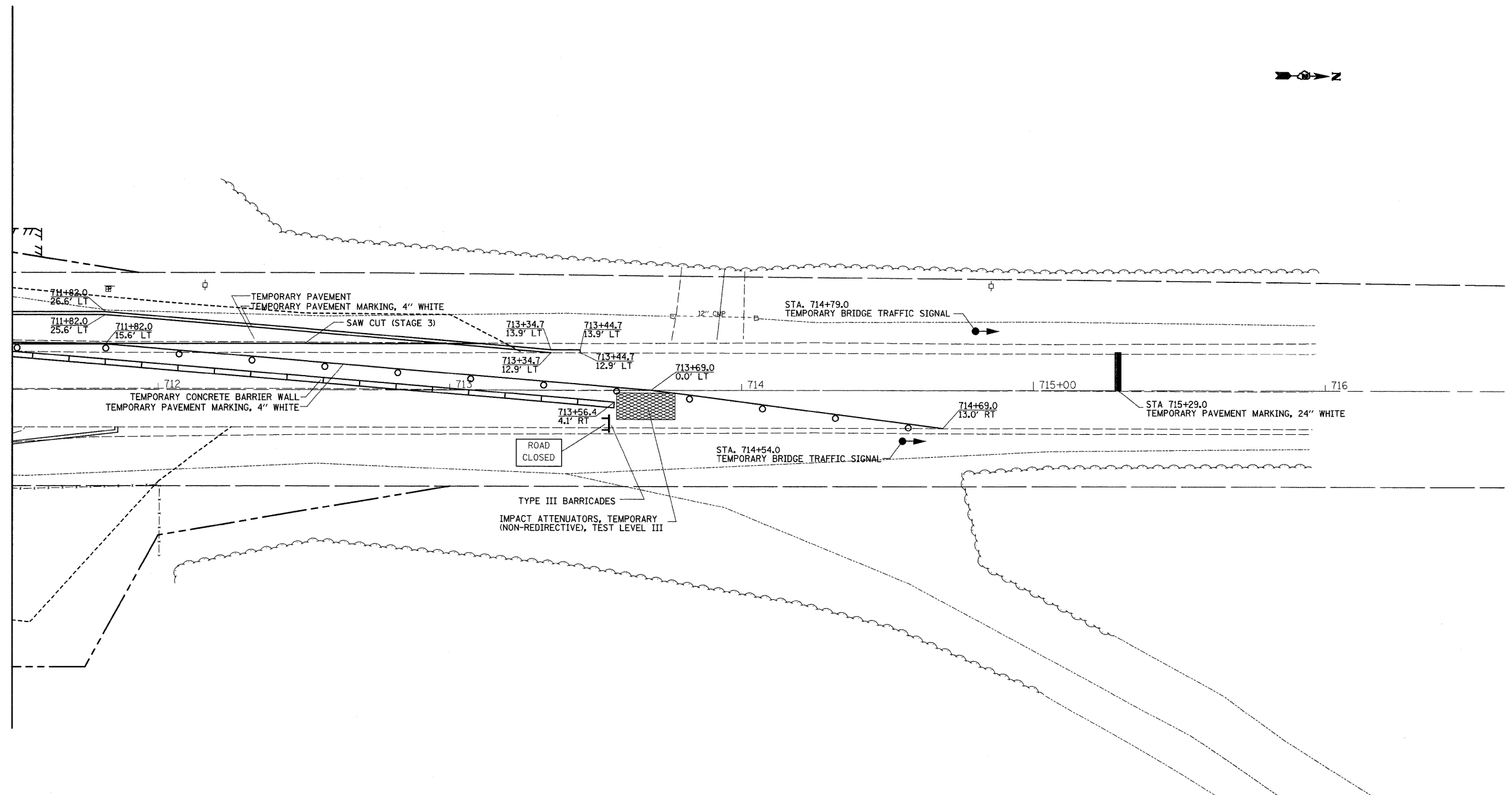
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STAGE 2



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 40			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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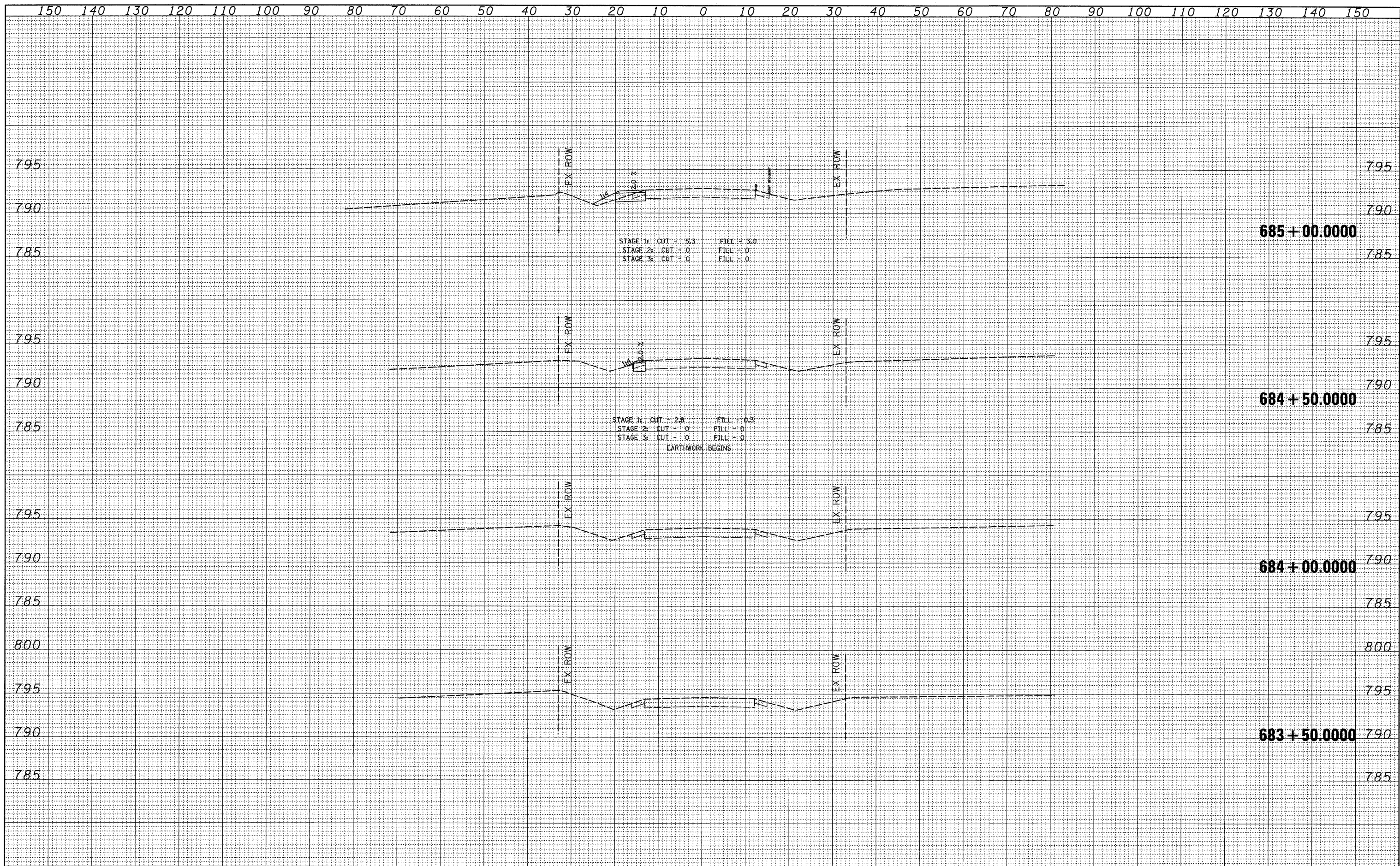
STAGE 2



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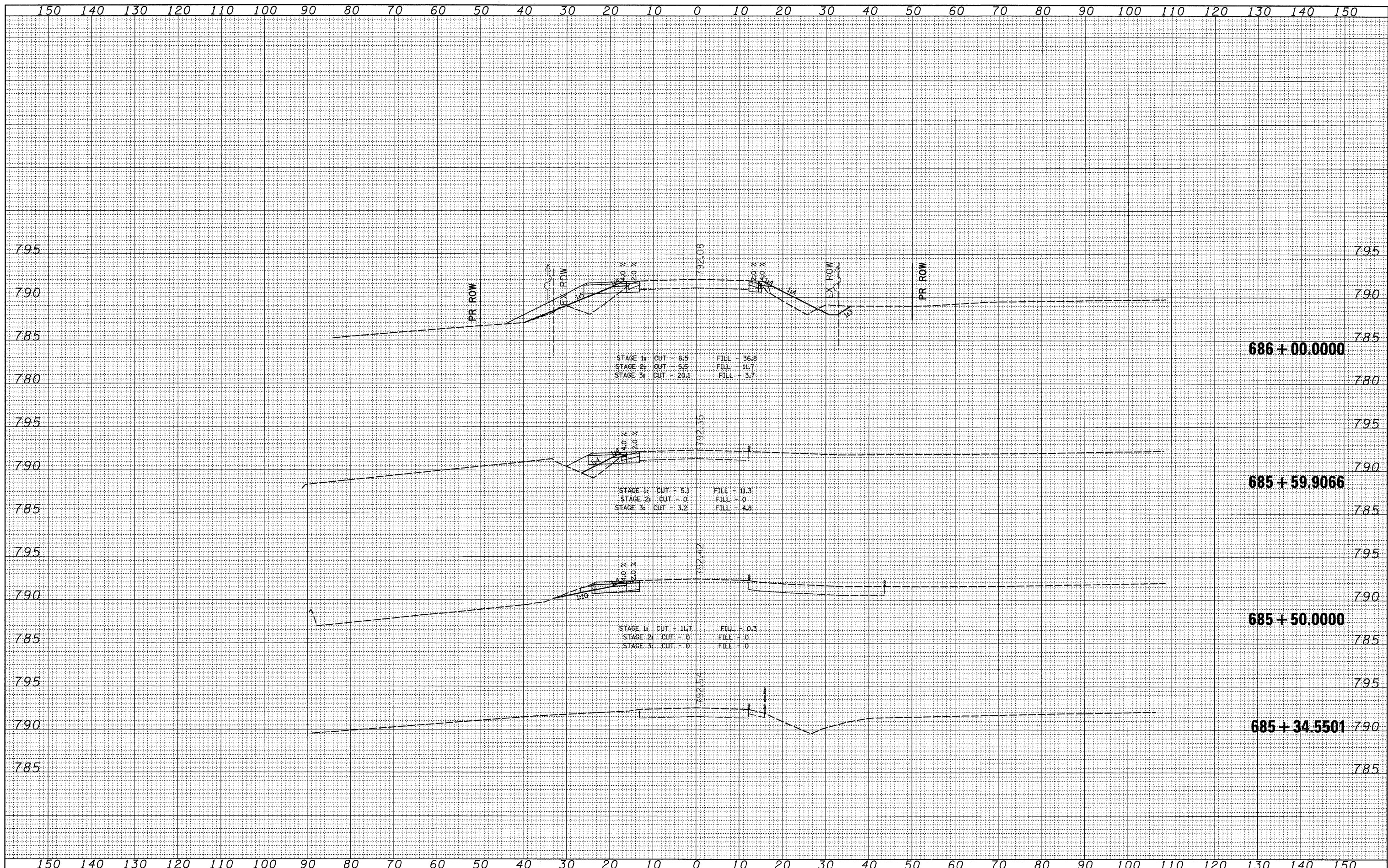
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FINAL SURVEY BY DATE
 SURVEYED BY DATE
 TEMPLATE NO. DATE
 NOTE BOOK NO. DATE
 AREAS CHECKED

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



FILE NAME =
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USER NAME = fordjd
 DESIGNED -
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 CHECKED -
 PLOT DATE = Mon Mar 16 12:36:47 2009

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

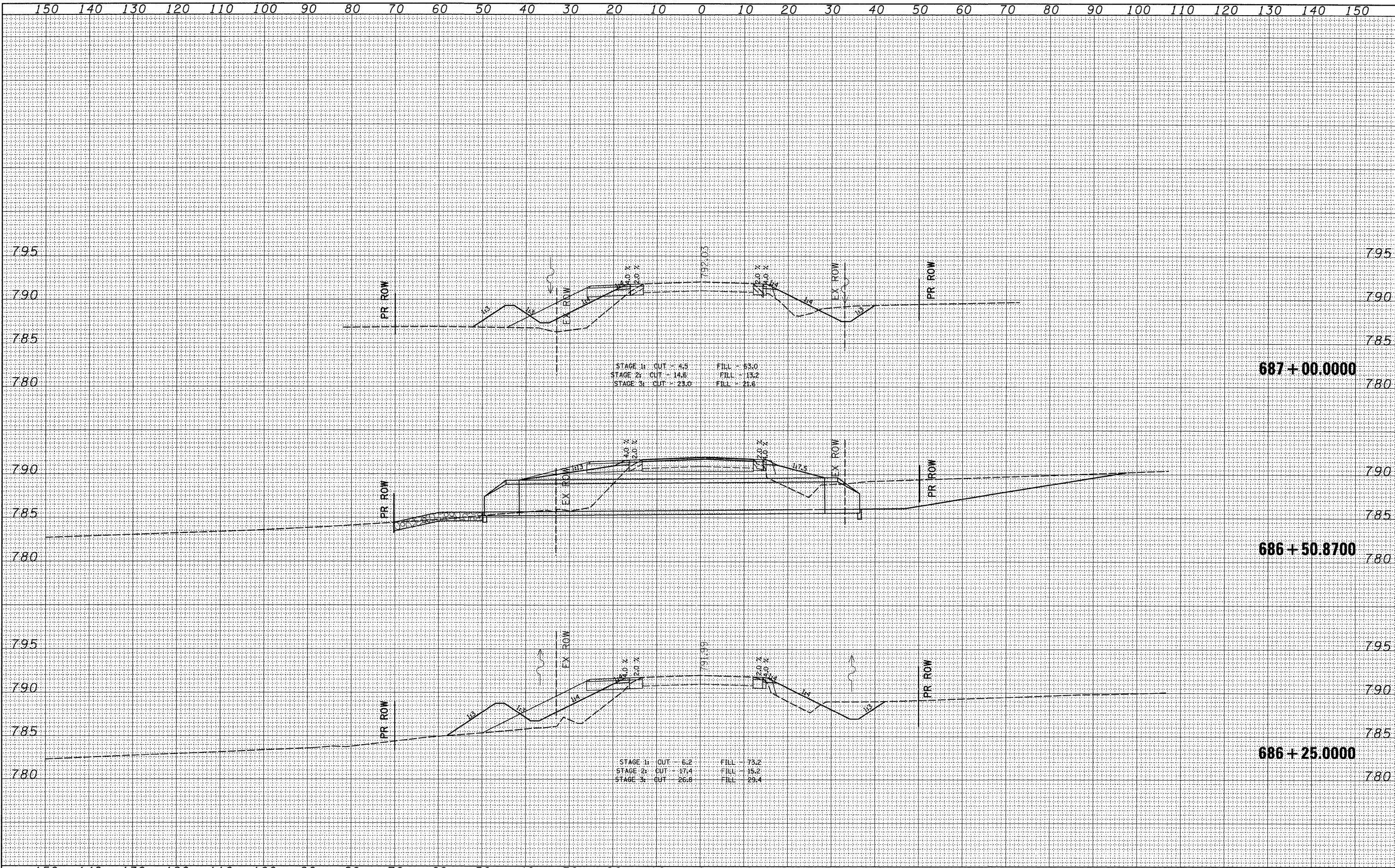
IL 40

SCALE: SHEET NO. OF SHEETS STA. 685+34.5501 TO STA. 686+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 64D12				
ILLINOIS FED. AID PROJECT				

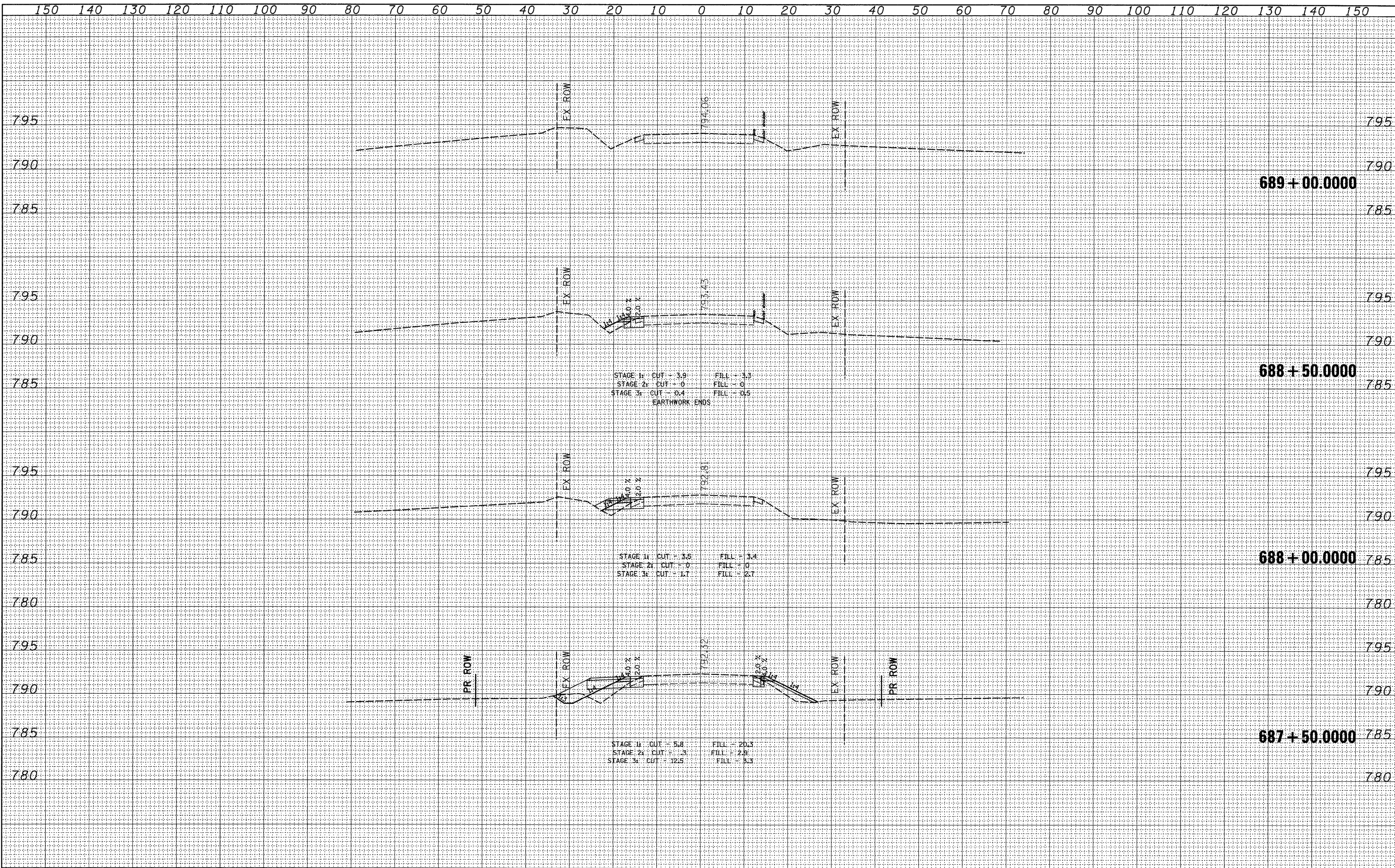
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PLOTTED	
NOTE BOOK	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
NOTE BOOK	
NO.	



STAGE 1: CUT - 4.9 FILL - 53.0
 STAGE 2: CUT - 14.8 FILL - 13.2
 STAGE 3: CUT - 23.0 FILL - 21.6

STAGE 1: CUT - 6.2 FILL - 73.2
 STAGE 2: CUT - 17.4 FILL - 15.2
 STAGE 3: CUT - 26.8 FILL - 23.4



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 40

FILE NAME =
ct\pw_work\pwwork\FordJd\dms33783\d05207.xml.dgn

USER NAME = fordjd
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PLOT DATE = Mon Mar 16 12:36:48 2009

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PLOT SCALE = 10.0000 "/ IN.
DATE -

SCALE: SHEET NO. OF SHEETS STA. 687+50.0000 TO STA. 689+00.0000

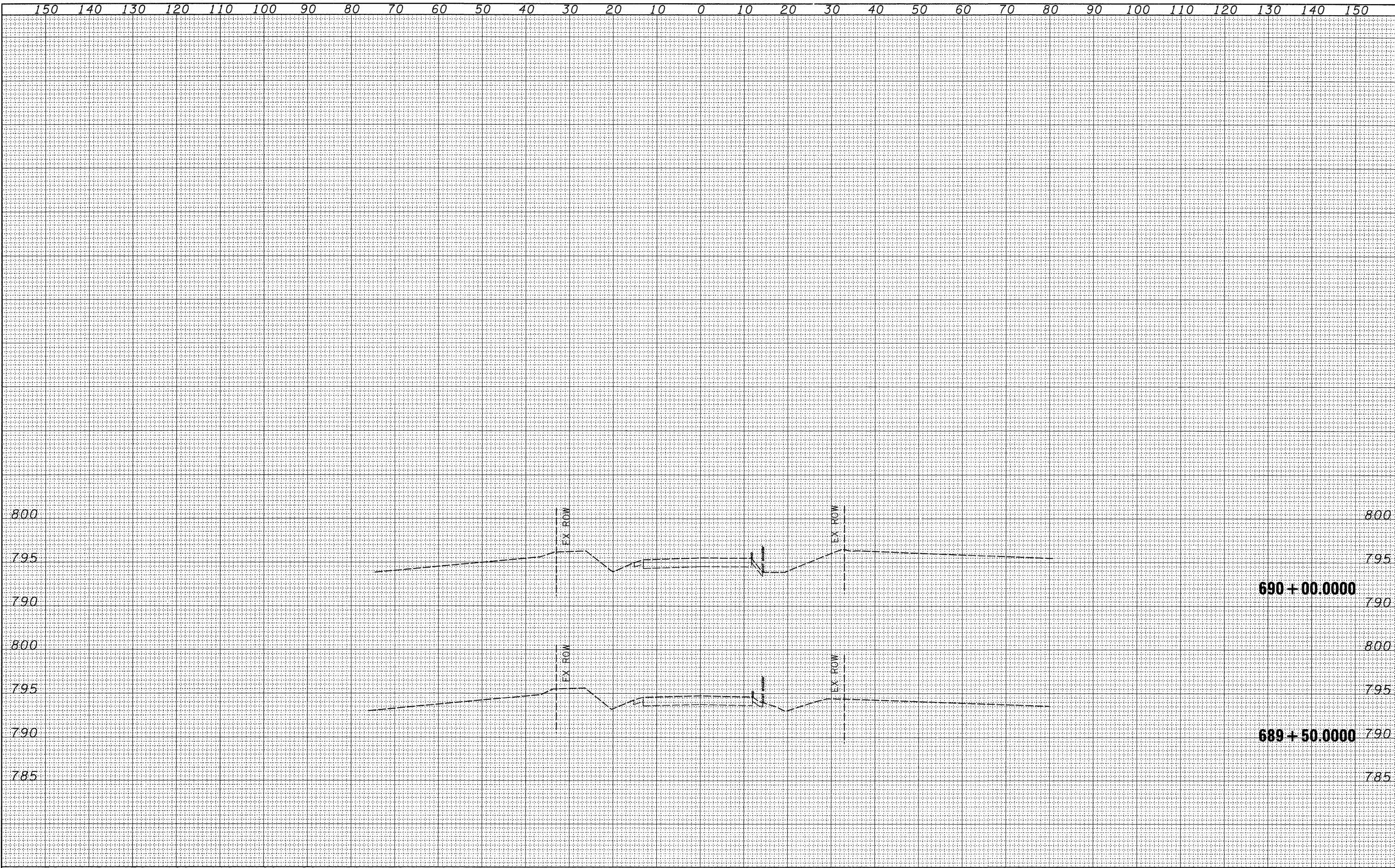
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ILLINOIS FED. AID PROJECT				

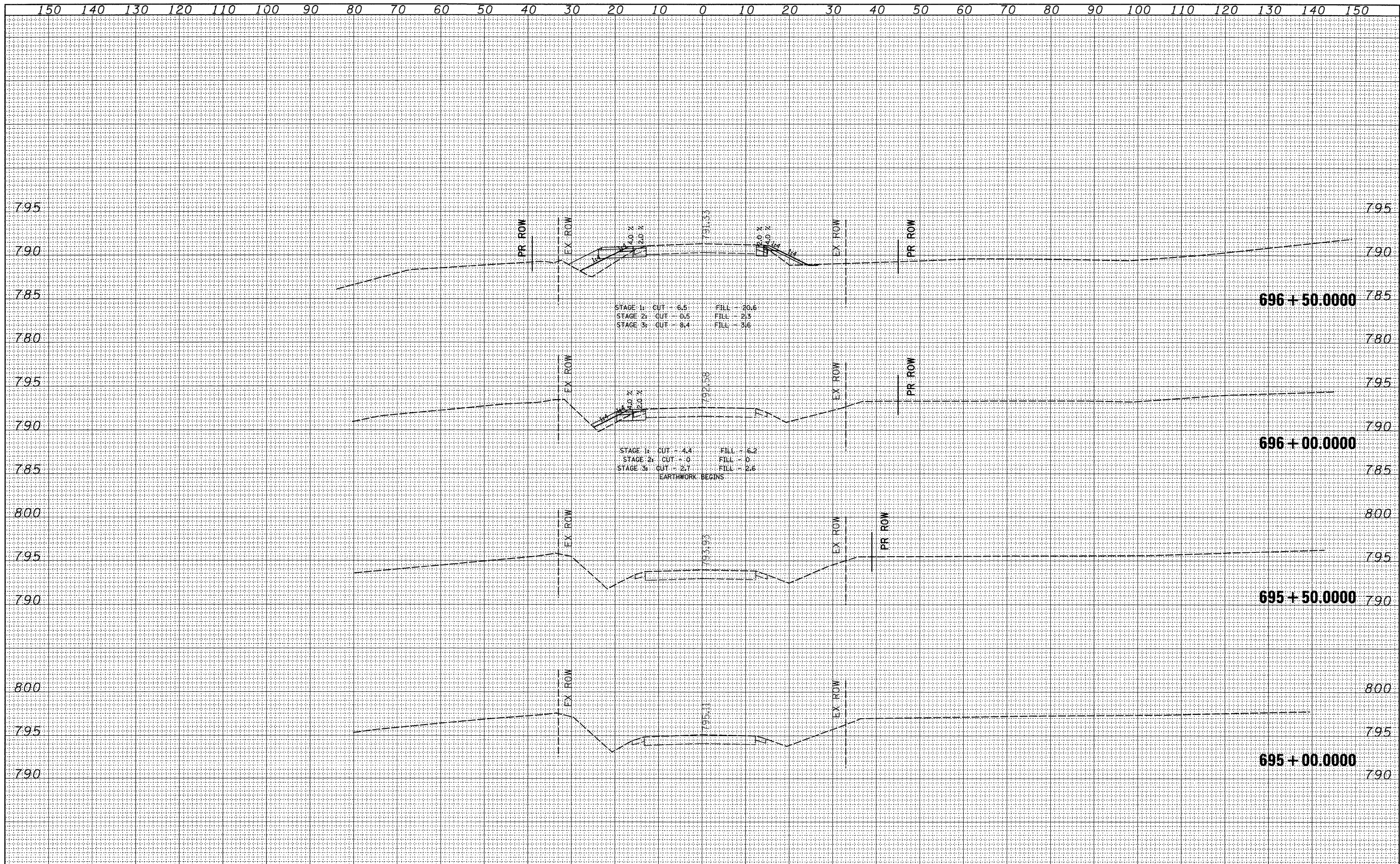
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NOTE BOOK	
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PLOTTED	
NOTE BOOK	
AREAS	
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FINAL SURVEY	DATE
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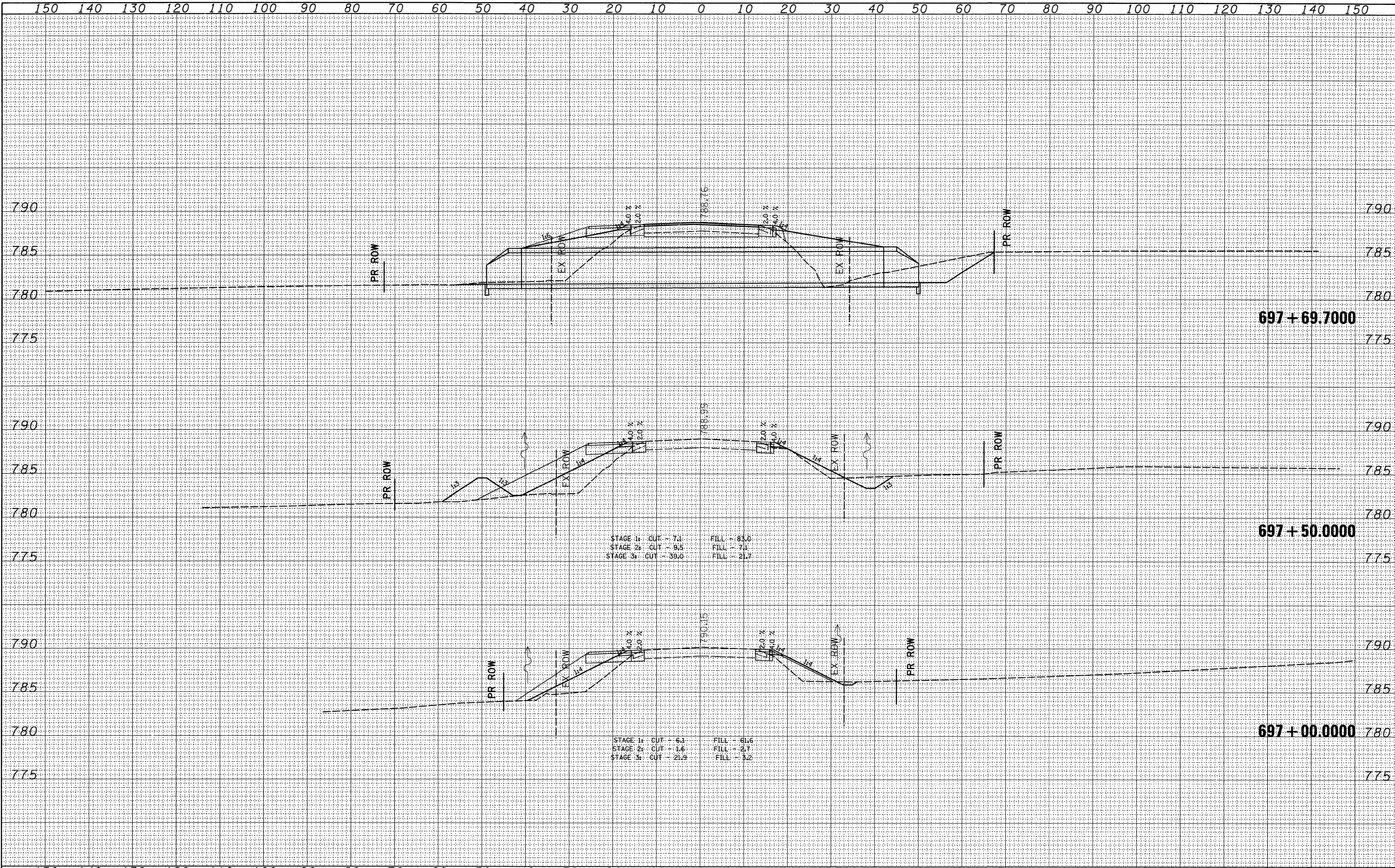


BY	DATE
SURVEYED	
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NOTE BOOK	
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BY	DATE
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TEMP	
NOTE BOOK	
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BY	DATE
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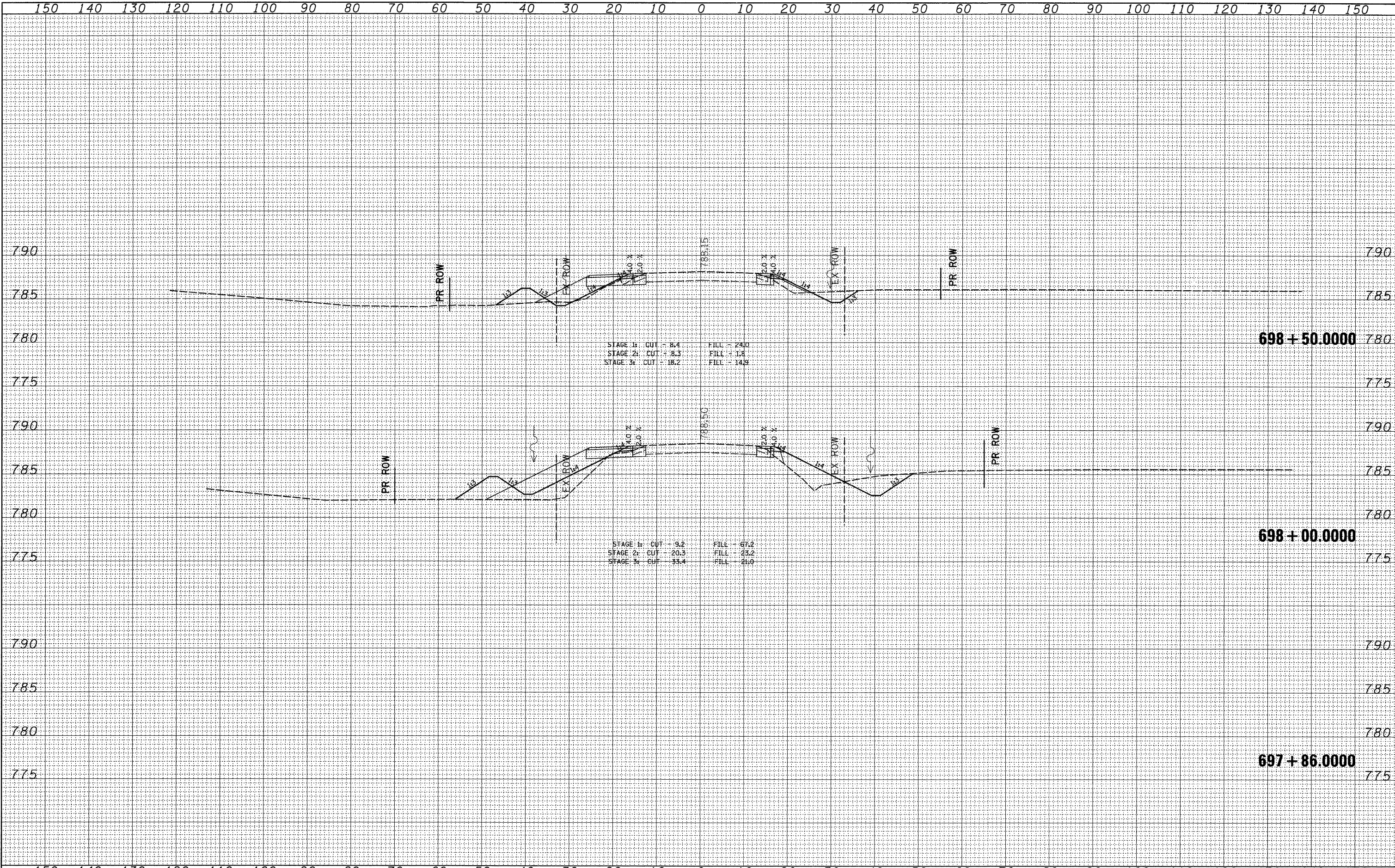


STAGE 1: CUT - 7.1 FILL - 83.0
 STAGE 2: CUT - 9.5 FILL - 71.1
 STAGE 3: CUT - 39.0 FILL - 21.7

STAGE 1: CUT - 6.3 FILL - 61.6
 STAGE 2: CUT - 1.6 FILL - 2.7
 STAGE 3: CUT - 21.9 FILL - 3.2

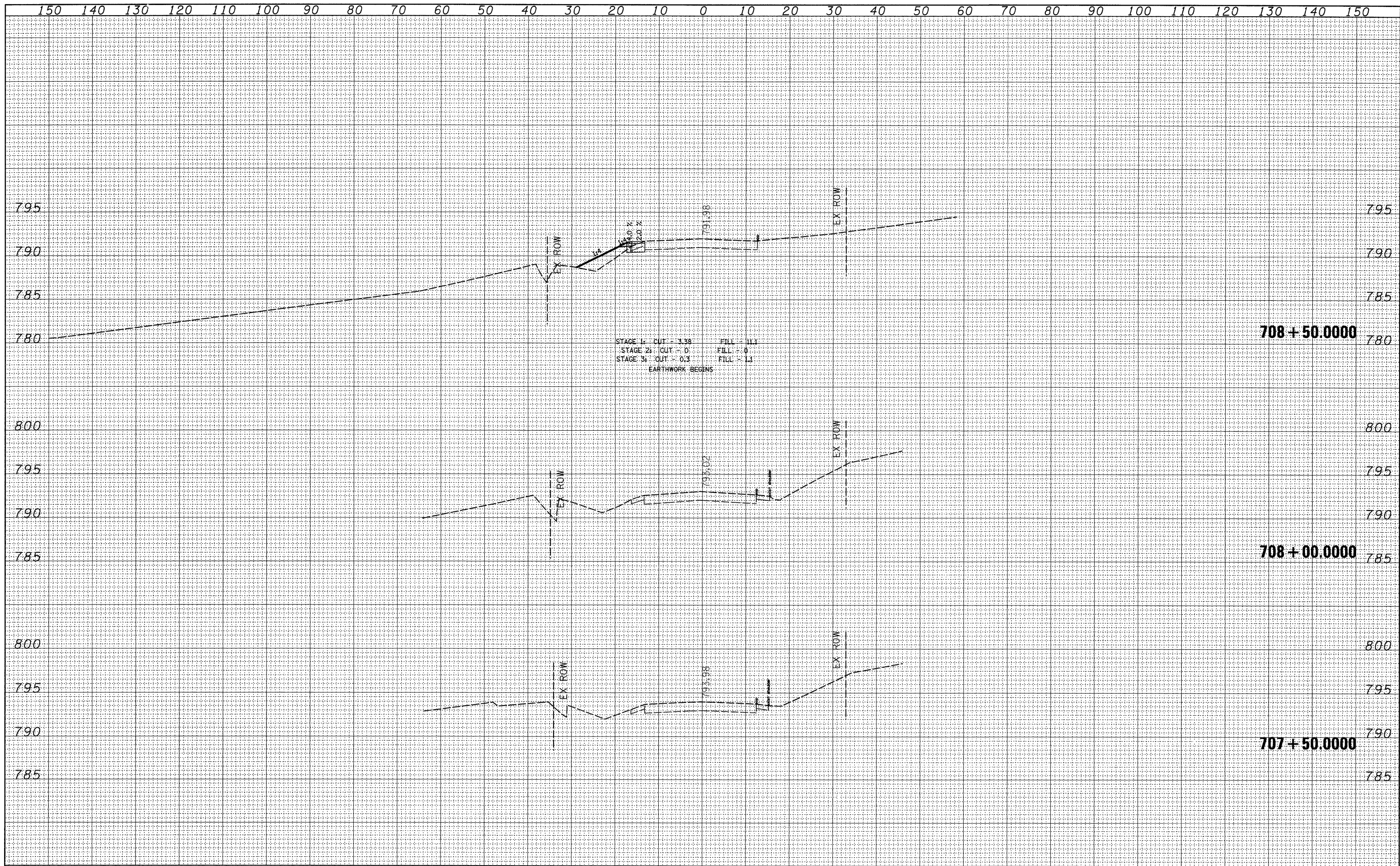
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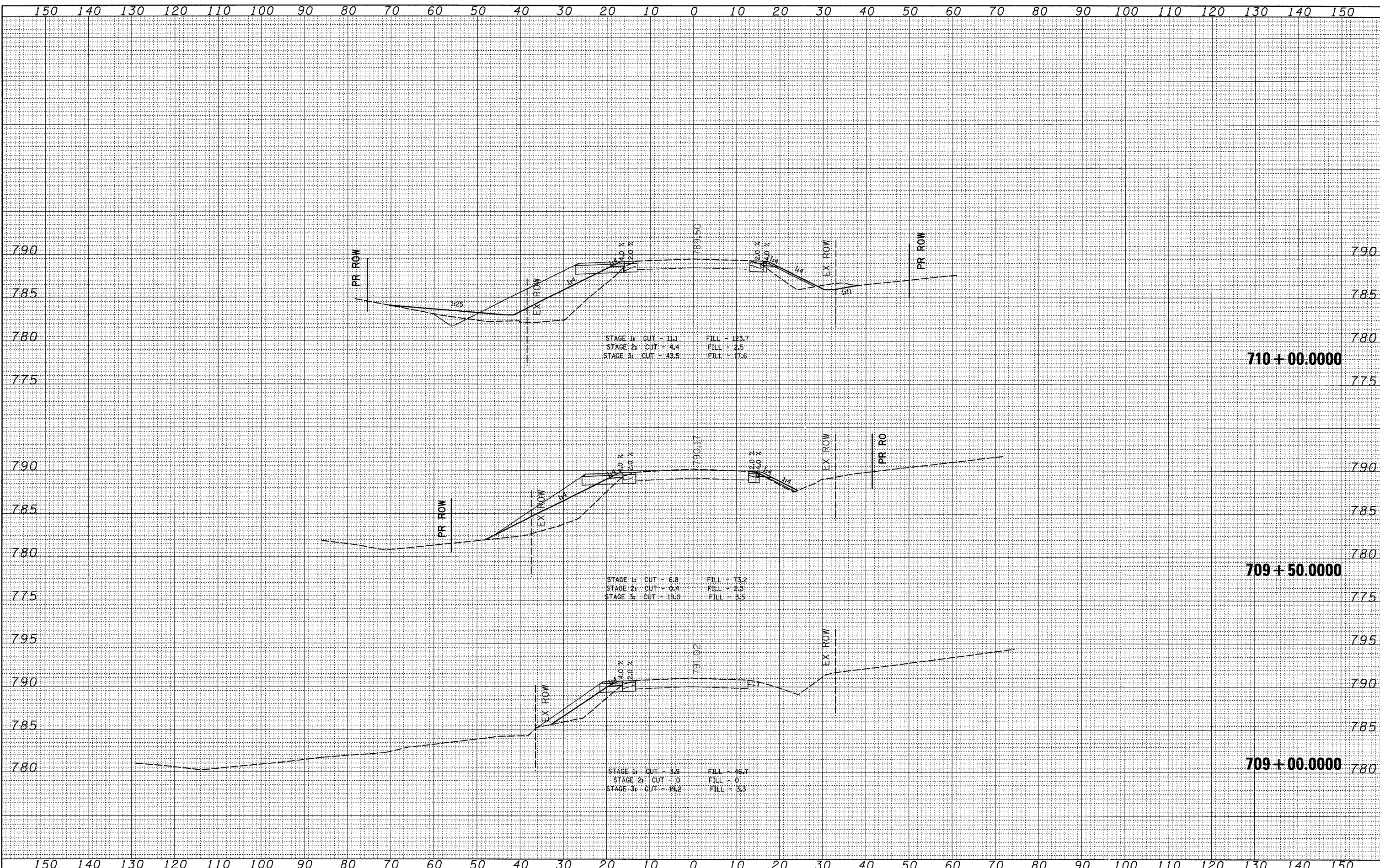
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NOTE BOOK	
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FINAL SURVEY	BY	DATE
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TEMP. DATE		
NOTE BOOK		
AREAS CHECKED		
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ORIGINAL SURVEY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





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 =
 USER NAME = fordjd
 PLOT SCALE = 10,00000' / IN.
 PLOT DATE = Mon Mar 16 12:36:53 2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

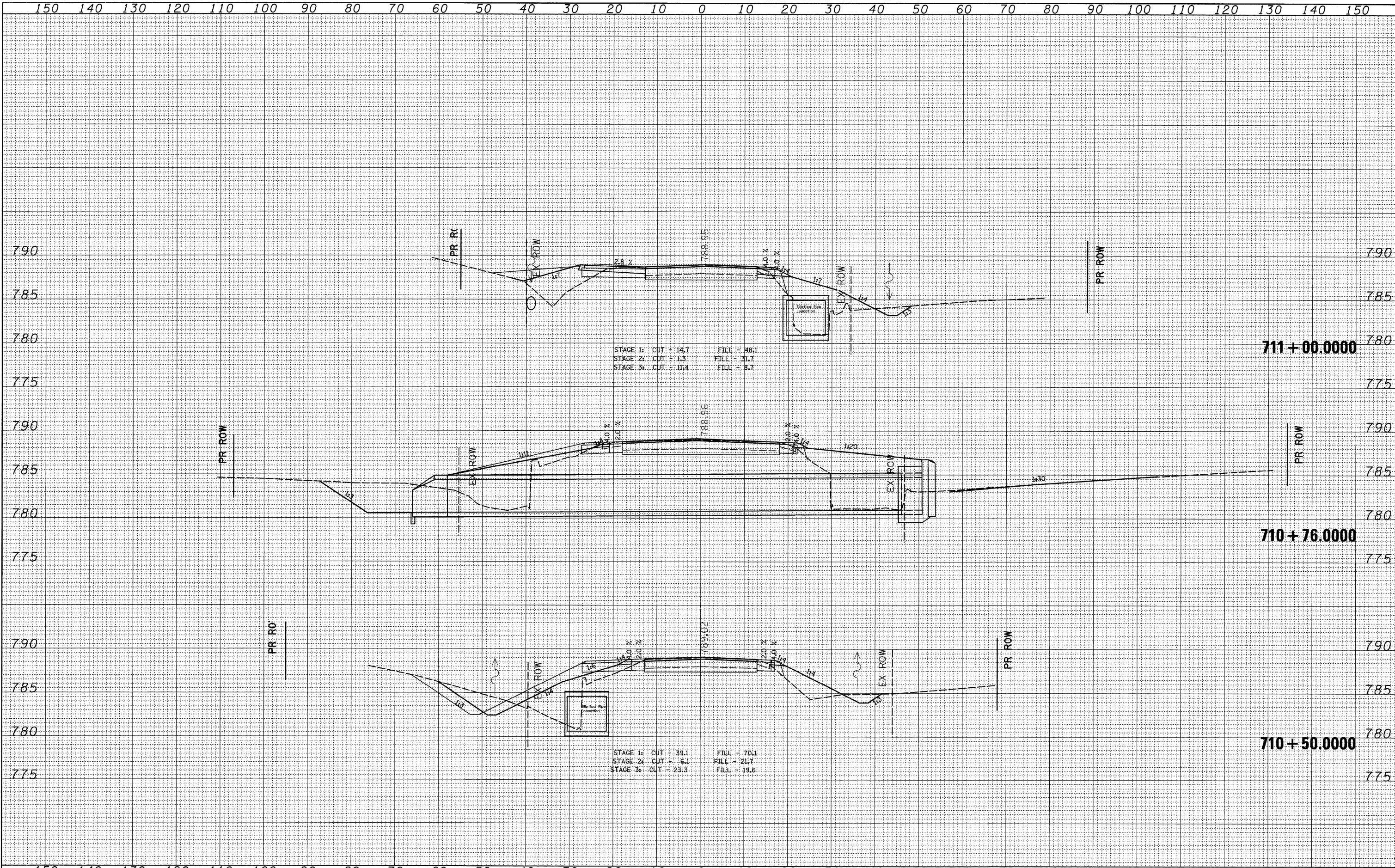
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SCALE:	SHEET NO.	OF	SHEETS	STA. 709+00.0000 TO STA. 710+00.0000
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	4T-2	Carroll	63	59
CONTRACT NO. 64D12				
ILLINOIS FED. AID PROJECT				

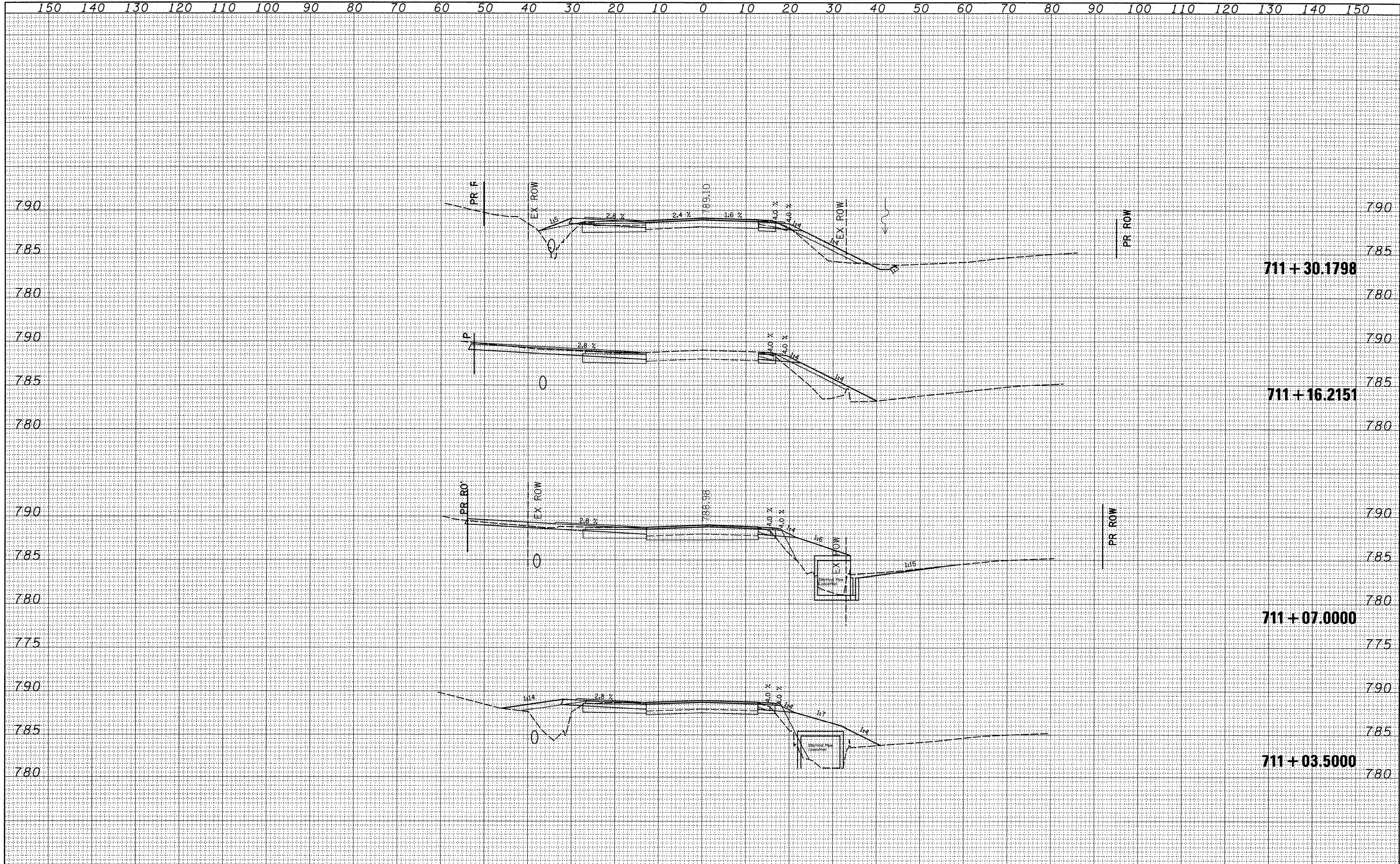
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PLOTTED	
NOTE BOOK	
NO.	

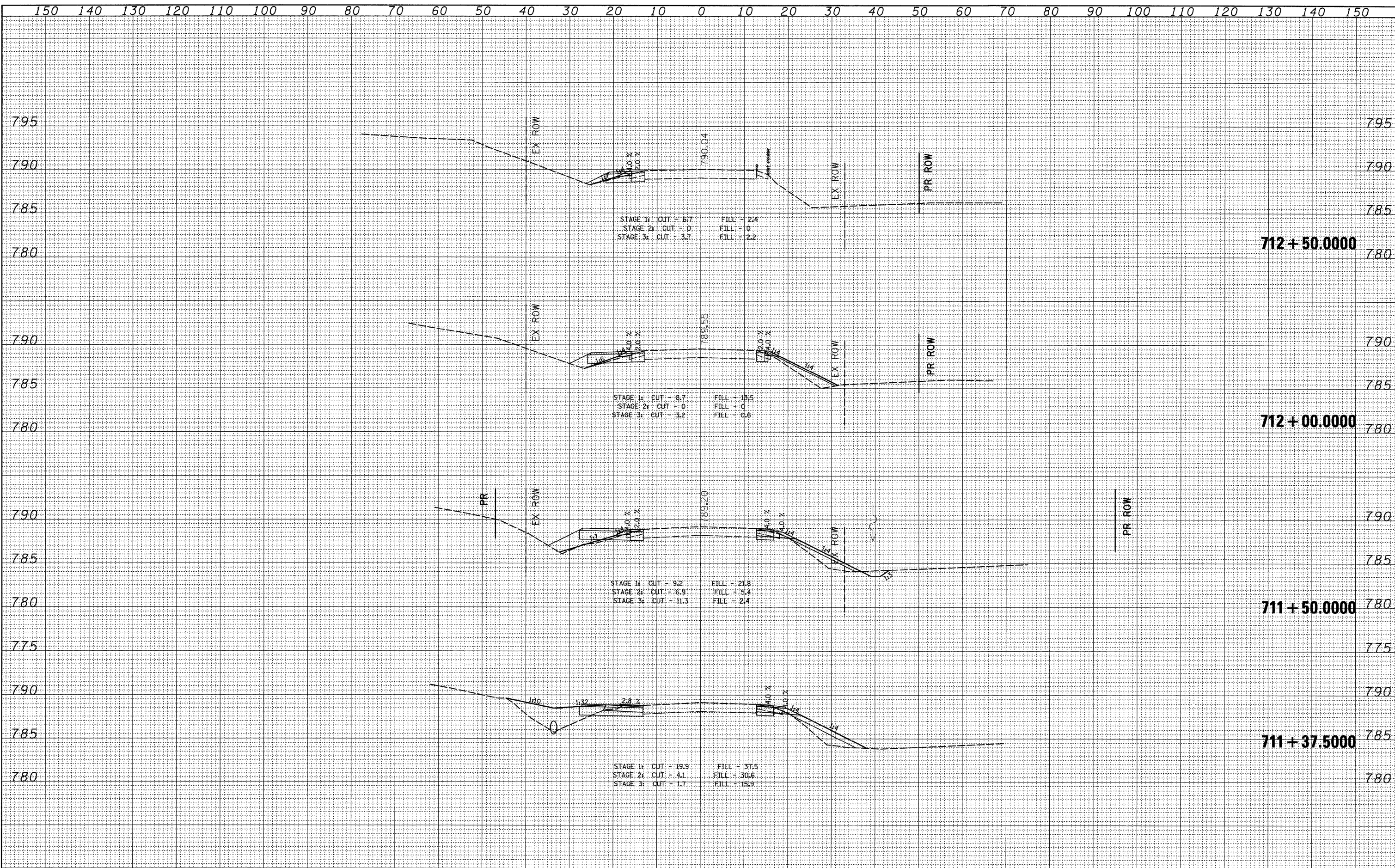
ORIGINAL SURVEY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	



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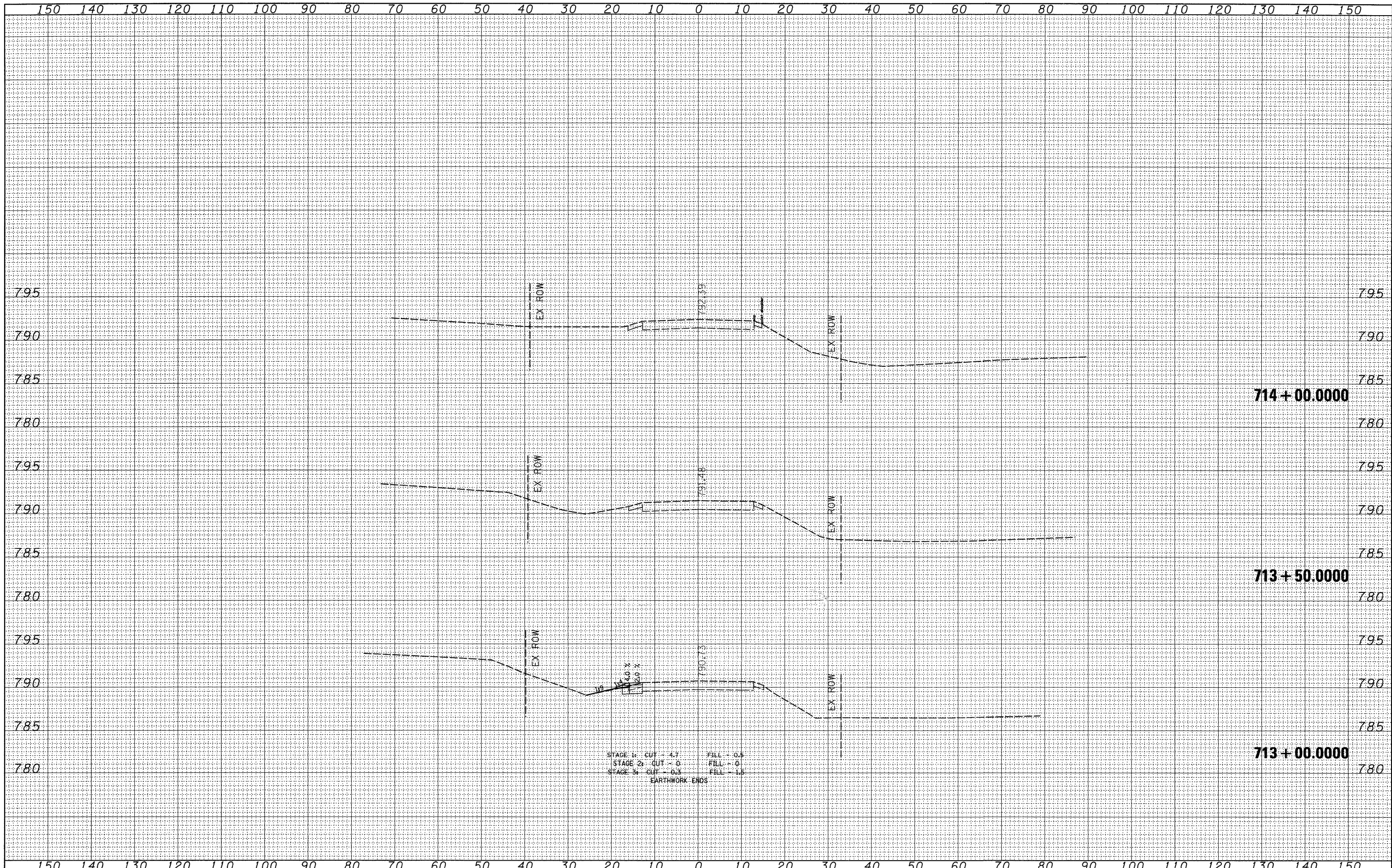
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 DATE: _____
 PLOT DATE: _____
 TEMPLATE: _____
 NOTE BOOK NO.: _____
 AREAS CHECKED: _____





DATE	
BY	
SURVEYED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NO.	



FINAL SURVEY
 SURVEYED _____
 BY _____
 DATE _____
 NOTE BOOK _____
 NO. _____

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

FILE NAME =
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USER NAME = fordjd
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 40

SCALE: SHEET NO. OF SHEETS STA. 713+00.0000 TO STA. 714+00.0000

F.A.P. RTE. 646	SECTION 4T-2	COUNTY Carroll	TOTAL SHEETS 63	SHEET NO. 63
CONTRACT NO. 64D12				
ILLINOIS FED. AID PROJECT				