1-20-2012 LETTING ITEM 117

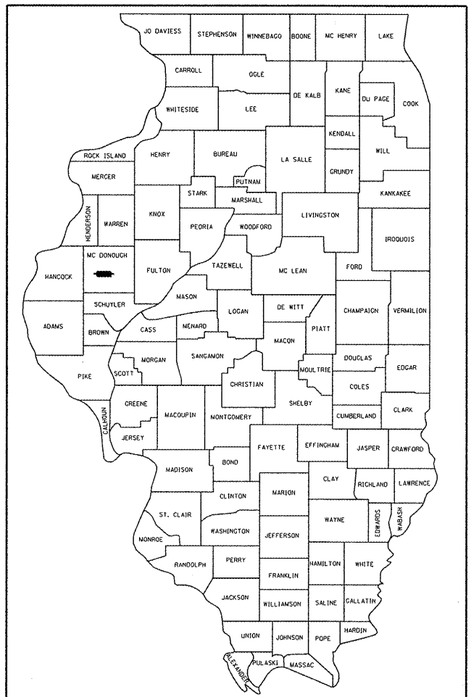
FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF STANDARDS, SEE SHEET NO. 2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	1
	ILLINOIS	CONTRACT NO. 68A41		

D-94-035-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
STRUCTURE PLANS
TR 1250N (WEST ADAMS ST. EXTENSION)
SECTION 55-3HB-1
PROJECT NHF-0407(001)
NEW CONSTRUCTION HIGHWAY BRIDGE
OVER FUTURE FAP 407 (IL RTE 336)
McDONOUGH COUNTY

C-94-059-11



LOCATION OF SECTION INDICATED THUS:-

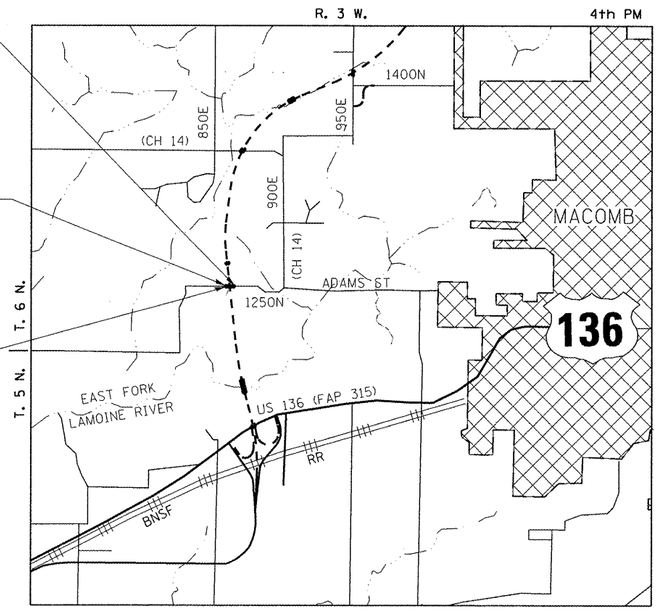
DESIGN DESIGNATION:
FAP 407 (IL 336)
FREEWAY
ADT = 3,045 (2015)
SU = 5%
MU = 5%

TOWNSHIP ROAD 1250N
LOCAL ROAD
ADT = 337 (2012)
SU = 5%
MU = 5%

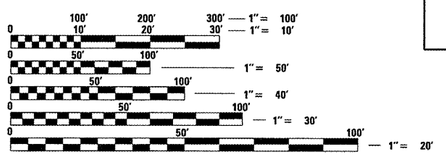
SECTION 55-3HB-1
ENDS
STA. 1020+00.00

STATION 1012+86.98, 8°14'24" SKEW
PROPOSED STRUCTURE NO. 055-0067
TWO SPAN STEEL GIRDER BRIDGE
202'-6" BK. TO BK.
REINFORCED CONCRETE DECK
33'-2" OUT TO OUT ON STEEL BEAMS
AND REINFORCED CONCRETE PIER
AND INTEGRAL ABUTMENTS

SECTION 55-3HB-1
BEGINS
STA. 1004+70.00

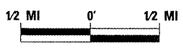






FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



GROSS LENGTH = 1,530.00 FT. = 0.290 MILES
NET LENGTH = 1,530.00 FT. = 0.290 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Oct 24 20 11
Ivan E. Crowder
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 9 20 11
Scott E. Stitt, P.E. bl
acting ENGINEER OF DESIGN AND ENVIRONMENT
December 9 20 11
William R. Frey bl
Interim DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROJECT ENGINEER: MIKE LEWIS PHONE: (309) 671-3454
CONSULTANT LIAISON: ELIAS ELDERZI PHONE: (309) 671-3459

CONTRACT NO. 68A41

JAMES R. BURKE
062-050474
REGISTERED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

SIGNED: [signature] DATE: 10/21/11
EXPIRES: 11/30/11

Hutchison Engineering, Inc.
SINCE 1945
1801 West Lafayette
PO Box 820
Jacksonville, Illinois 62651
PHONE : (217)245-7164 FAX (217)243-0468

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LIST OF IDOT STANDARDS

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630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
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635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
665001-02	WOVEN WIRE FENCE
666001-01	RIGHT OF WAY MARKERS
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (TWO-LANE TWO WAY RURAL TRAFFIC)(ROAD CLOSED TO THRU TRAFFIC)
BLR 24-2	MAILBOX TURNOUT FOR LOCAL ROADS
420401-08	BRIDGE APPROACH PAVEMENT CONNECTOR
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN

GENERAL NOTES

SOIL REPORT AVAILABILITY

ALL SOILS DATA COLLECTED AND PROCESSED FOR THE SOILS REPORT MADE IN CONJUNCTION WITH THE DESIGN OF THIS IMPROVEMENT IS ON FILE AT THE IDOT DISTRICT 4 OFFICE WHERE IT IS AVAILABLE FOR THE INSPECTION OF CONTRACTORS OR PROSPECTIVE BIDDERS. BY SUBMITTING A BID, THE CONTRACTOR ACKNOWLEDGES THAT THE SOILS REPORT HAS BEEN MADE AVAILABLE AND IS AWARE OF THE REPORT CONTENTS AND APPENDICES.

AVAILABILITY OF ELECTRONIC FILES

MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

UTILITIES - LOCATION/INFORMATION ON PLANS

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN -- ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

TREE REMOVAL - UTILITY RELOCATION

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

ANY ENTITIES REALIZED TO BE AFFECTED BY CONSTRUCTION SHALL BE CONTACTED PRIOR TO THE CLOSING OF THE ROADWAY. THESE INCLUDE BUT ARE NOT LIMITED TO:
- McDONOUGH COUNTY ENGINEER - (309) 833-4196
- EMMET TOWNSHIP COMMISSIONER - (309) 837-2188
- McDONOUGH COUNTY ESDA - (309) 837-2686
- US POST OFFICE IN MACOMB - (309) 833-5594
- McDONOUGH COUNTY PUBLIC TRANSPORTATION - (309) 837-3941
- SCHOOL DISTRICT 185 TRANSPORTATION DEPT - (309) 836-6806

CLEARING

AT LOCATIONS WHERE CLEARING IS INDICATED ON THE PLANS BEYOND THE LIMITS OF THE PROPOSED EXCAVATION OR EMBANKMENT, THE CONTRACTOR SHALL RESTORE THE DISTURBED EARTH BY BLADING AND SHAPING TO BLEND WITH THE ADJACENT GROUND. THE CLEARING WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE EXCAVATION PAY ITEMS IN THE PLANS. PAYMENT FOR RESEEDING OR RESODDING WILL BE PROVIDED IN THE PLANS.

TREE REMOVAL

THE DISTRICT 4 TREE COMMITTEE SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATION. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FROM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- SIGNED PROPERTY OWNER AGREEMENT FROM - D4 P10100
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FROM - D4 P1101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

AGGREGATE SHOULDERS, TYPE B

AGGREGATE SHOULDERS, TYPE B SHALL BE REQUIRED FOR ALL GRANULAR CONSTRUCTION OF SIDE ROADS, ENTRANCES, AND MAILBOX TURNOUTS, WHETHER OR NOT PORTIONS OF THE SURFACE THUS CONSTRUCTED ARE TO BE COVERED WITH A BITUMINOUS SURFACE, EXCEPT WHERE NOTED DIFFERENTLY ON THE PLANS.

AGGREGATE FOR DRIVEWAY REPLACEMENT

THE MATERIAL USED FOR CONSTRUCTION OF PERMANENT AGGREGATE DRIVEWAYS SHALL BE GRAVEL OR CRUSHED STONE, AS DIRECTED BY THE ENGINEER, TO REPLACE IN KIND THE EXISTING AGGREGATE DRIVEWAYS.

NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS REQUIREMENT BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PAY ITEM FOR THE AGGREGATE AS SPECIFIED ON THE PLANS.

ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.

RIGHT-OF-WAY MARKERS

WHEN INSTALLING RIGHT-OF-WAY MARKERS, CARE SHALL BE TAKEN TO NOT DISTURB ANY EXISTING PROPERTY/RIGHT-OF-WAY PINS. IF A PROPERTY/RIGHT-OF-WAY PIN IS FOUND AT THE LOCATION OF A PROPOSED RIGHT-OF-WAY MARKER, THE MARKER SHALL BE PLACED ONE (1) FOOT IN FRONT OF THE PIN.

ENGINEERS FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02(i) AND 607.04(e) :

ALL TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

EARTHWORK

ALL EARTHWORK VOLUMES ARE CALCULATED USING TRIANGULATED IRREGULAR NETWORKS (TIN). THE VOLUMES CALCULATED FROM THE EXISTING TIN TO PROPOSED TIN ANALYSIS ARE SCHEDULED. THE CUT AND FILL QUANTITIES NOTED ON THE CROSS SECTIONS ARE FOR REFERENCE ONLY.

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL QUANTITY INCLUDED IN THE PLANS IS BASED ON AN AVERAGE DEPTH OF 3' OVER THE AREA SHOWN IN THE REMOVAL PLAN. THE EXACT VOLUME OF REMOVAL AND DISPOSAL SHALL BE FIELD VERIFIED AND COMPLETED AS DIRECTED BY THE ENGINEER.

LEGEND

	PROPOSED DITCH
	EXISTING DITCH/SWALE
	SPECIAL DITCH LEFT
	SPECIAL DITCH RIGHT
	FENCE REMOVAL
TBR	ITEM TO BE REMOVED
687.98(EX)	EXISTING ELEVATION
TBR	ITEM TO BE REMOVED
	TREE REMOVAL, ACRES
	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (3')

FILE NAME = V:\Transportation\2891\1250N (ADAMS) PLANS\ADAMSG001.dgn	USER NAME = jwhite	DESIGNED - JRB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TR 1250N (WEST ADAMS STREET EXTENSION) INDEX OF SHEETS, GENERAL NOTES, STANDARDS & LEGEND				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - RLR	REVISED -						407	55-3HB-1	McDONOUGH	103	2
	PLOT SCALE = 2.000000 FT / IN.	CHECKED - JRB	REVISED -								CONTRACT NO. 68A41		
	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -		SCALE: 1:1	SHEET NO. 1 OF 1 SHEETS	STA. N/A	TO STA. N/A			ILLINOIS FED. AID PROJECT		

ROUTE/STREET	OFFSET	LOCATION	OWNER	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION	REMARKS
ADAMS ST	20' LT	1004+70 TO 1012+50	MCDONOUGH TELEPHONE COMPANY	FIBER OPTIC	GRADE CUT	REMOVE	
ADAMS ST	31' LT	1005+48	AMEREN ILLINOIS (ELECTRIC)	POWER POLE	GRADE CUT	RELOCATE	
ADAMS ST	33' LT	1007+81	AMEREN ILLINOIS (ELECTRIC)	POWER POLE	GRADE CUT/FILL	RELOCATE	
ADAMS ST	32' LT	1009+85	AMEREN ILLINOIS (ELECTRIC)	POWER POLE	GRADE CUT/FILL	RELOCATE	
ADAMS ST	32' LT	1012+18	AMEREN ILLINOIS (ELECTRIC)	POWER POLE	GRADE CUT/FILL	REMOVE	
ADAMS ST	27' RT	1013+11	AMEREN ILLINOIS (ELECTRIC)	POWER POLE	GRADE CUT/FILL	REMOVE	
ADAMS ST	33' LT	1014+30	AMEREN ILLINOIS (ELECTRIC)	POWER POLE	GRADE CUT/FILL	REMOVE	
ADAMS ST	30' LT	1016+20	AMEREN ILLINOIS (ELECTRIC)	POWER POLE	GRADE CUT/FILL	RELOCATE	
ADAMS ST	30' LT	1018+60	AMEREN ILLINOIS (ELECTRIC)	POWER POLE	GRADE CUT/FILL	RELOCATE	
ADAMS ST	24' RT	1004+70 TO 1005+40	FRONTIER COMMUNICATIONS	COPPER CABLE	GRADE CUT/FILL	RELOCATE	
ADAMS ST	24' RT TO 35' LT	1005+40	FRONTIER COMMUNICATIONS	COPPER CABLE	GRADE CUT/FILL	RELOCATE	
ADAMS ST	35' LT	1005+40 TO 1008+50	FRONTIER COMMUNICATIONS	COPPER CABLE	GRADE CUT/FILL	RELOCATE	
ADAMS ST	34' TO 65' LT	1011+00 TO 1016+00	FRONTIER COMMUNICATIONS	COPPER CABLE	GRADE CUT/FILL	REMOVE	
ADAMS ST	40' LT	1017+50 TO 1019+50	FRONTIER COMMUNICATIONS	COPPER CABLE	GRADE CUT/FILL	RELOCATE	
ADAMS ST	30' LT TO 20' RT	1014+30	FRONTIER COMMUNICATIONS	COPPER CABLE	GRADE CUT/FILL	RELOCATE	
ADAMS ST	20' RT	1012+48 TO 1014+30	FRONTIER COMMUNICATIONS	COPPER CABLE	GRADE CUT/FILL	RELOCATE	

FILE NAME = V:\Transportation\2891\1250N (ADAMS)PLANS\ADAMSU01.dgn	USER NAME = jwhite	DESIGNED - JRB	REVISED -
		DRAWN - TJD	REVISED -
	PLOT SCALE = 20.00 ' / IN.	CHECKED - AWM	REVISED -
	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
STATUS OF UTILITIES TO BE ADJUSTED

SCALE: 1"=100' | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	3
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

80% FED
20% STATE

	CODE NO.	SUMMARY OF QUANTITIES ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 0001	 BRIDGE 0008
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	247	247	
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	562	562	
	20100500	TREE REMOVAL, ACRES	ACRE	2.7	2.7	
	20200100	EARTH EXCAVATION	CU YD	174,758	174,758	
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7,503	7,503	
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	59,340	59,340	
*	25000210	SEEDING, CLASS 2A	ACRE	11	11	
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	632	632	
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	632	632	
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	632	632	
*	25100115	MULCH, METHOD 2	ACRE	11	11	
*	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	43,956	43,956	
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2,107	2,107	
	28000315	AGGREGATE DITCH CHECKS	TON	901	901	
	28000400	PERIMETER EROSION BARRIER	FOOT	1,480	1,480	
	28000500	INLET AND PIPE PROTECTION	EACH	5	5	
	28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	6,471	6,471	
	28100725	STONE DUMPED RIPRAP, CLASS B3	SQ YD	1,899	1,899	
	28200200	FILTER FABRIC	SQ YD	8,369	8,369	
	35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	3,054	3,054	
	35800100	PREPARATION OF BASE	SQ YD	2,198	2,198	
	35800200	AGGREGATE BASE REPAIR	TON	937	937	

* SPECIALTY ITEM

FILE NAME = V:\Transportation\2891\1250N (ADAMS) PLANS\adamss0001.dgn	USER NAME = jelson	DESIGNED - JRB	REVISED -
		DRAWN - TJD	REVISED -
	PLOT SCALE = 2.00 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/28/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
SUMMARY OF QUANTITIES

SCALE: 1=1 | SHEET NO. 1 OF 4 SHEETS | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	4
		CONTRACT NO. 68A41		
	ILLINOIS	FED. AID PROJECT		

ADAMSS0001-t

80% FED.
20% STATE

CODE NO.	SUMMARY OF QUANTITIES ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 0001	 BRIDGE 0008
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	409	409	
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	11	11	
40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	32	32	
40300500	COVER COAT AGGREGATE	TON	132	132	
40300600	SEAL COAT AGGREGATE	TON	66	66	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	107	107	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	266	266	
50105220	PIPE CULVERT REMOVAL	FOOT	219	219	
50200100	STRUCTURE EXCAVATION	CU YD	460		460
50300225	CONCRETE STRUCTURES	CU YD	128		128
50300255	CONCRETE SUPERSTRUCTURE	CU YD	353		353
50300260	BRIDGE DECK GROOVING	SQ YD	875		875
50300280	CONCRETE ENCASEMENT	CUYD	4.2		4.2
50300300	PROTECTIVE COAT	SQ YD	1,075		1,075
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1
50500505	STUD SHEAR CONNECTORS	EACH	2,430		2,430
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	114,580		114,580
50800515	BAR SPLICERS	EACH	68		68
51100100	SLOPE WALL 4 INCH	SQ YD	254		254
51201610	FURNISHING STEEL PILES HP12x63	FOOT	445		445
51202305	DRIVING PILES	FOOT	445		445
51203610	TEST PILE STEEL HP12x63	EACH	2		2
51500100	NAME PLATES	EACH	1		1

* SPECIALTY ITEM

FILE NAME = V:\Transportation\2891\1250N (ADAMS)PLANS\ADAMSS0001.dgn	USER NAME = jolson	DESIGNED - JRB	REVISED -
		DRAWN - TJD	REVISED -
	PLOT SCALE = 2.00 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/26/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
SUMMARY OF QUANTITIES

SCALE: 1=1 | SHEET NO. 2 OF 4 SHEETS | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	5
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

ADAMSS0001-2

				80% FED. 20% STATE	
CODE NO.	SUMMARY OF QUANTITIES ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE ROADWAY 0001	 BRIDGE 0008
52100520	ANCHOR BOLTS, 1"	EACH	36		36
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	60	60	
542A1075	PIPE CULVERTS, CLASS A, TYPE 2 30"	FOOT	148	148	
542A1909	PIPE CULVERTS, CLASS A, TYPE 3 24"	FOOT	162	162	
542A4645	PIPE CULVERTS, CLASS A, TYPE 7 30"	FOOT	284	284	
542D2740	PIPE CULVERTS, CLASS D, TYPE 4 15"	FOOT	122	122	
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	1	
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2	
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	4	4	
54215550	METAL END SECTIONS 15"	EACH	2	2	
54245205	INLET BOX, STANDARD 542511	EACH	1	1	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	80		80
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	50	50	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	31	31	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1	1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	10	10	
67100100	MOBILIZATION	L SUM	1	1	
67201000	SEALING ABANDONED WATER WELLS	EACH	3	3	
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	1	1	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	8	

* SPECIALTY ITEM

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		DRAWN - TJD	REVISED -
	PLOT SCALE = 2.00 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/28/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
SUMMARY OF QUANTITIES

SCALE: 1=1 | SHEET NO. 3 OF 4 SHEETS | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	6
		CONTRACT NO. 68A41		
	ILLINOIS	FED. AID PROJECT		

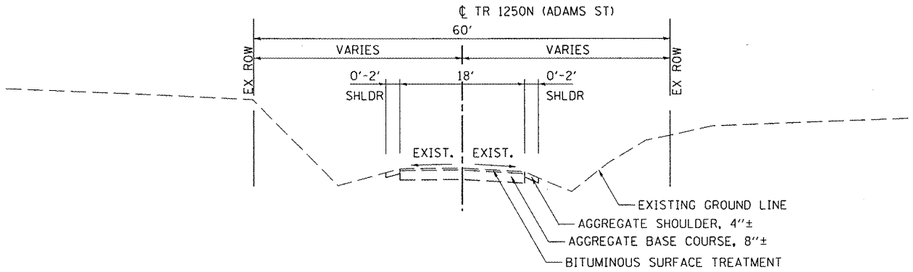
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	CODE NO.	SUMMARY OF QUANTITIES ITEM	UNIT	TOTAL QUANTITY	80% FED. 20% STATE CONSTRUCTION CODE ROADWAY 0001	 BRIDGE 0008
*	78200530	BARRIER WALL MARKERS, TYPE C	EACH	6	6	
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
*	A2001020	TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8	8	
*	A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4	4	
*	B2001166	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	3	3	
*	B2001966	TREE, CRATAEGUS PHAENOPYRUM (WASHINGTON HAWTHORN), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	3	3	
*	D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	20	20	
	X0323260	SEDIMENT BASIN	EACH	2	2	
	X0488100	REMOVING EXISTING SEPTIC TANK	EACH	3	3	
	X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	168		168
	X5011100	FOUNDATION REMOVAL	EACH	1	1	
	X6670105	PERMANENT SURVEY MARKERS (SPECIAL)	EACH	1	1	
	X6670109	PERMANENT SURVEY TIES	EACH	4	4	
	Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	62	62	
	Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1	
	Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1	
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
	Z0022800	FENCE REMOVAL	FOOT	2,600	2,600	
+	Z0076600	TRAINEES	HOUR	1,000	1,000	
	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	107		107
	Z0049901	REMOVAL AND DISPOSAL OF NON-FRIABLE ASBESTOS, BUILDING NO.1	L SUM	1	1	

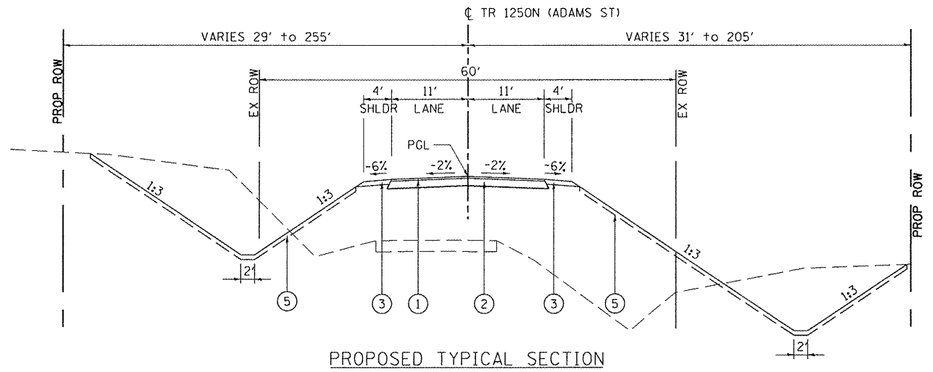
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	PLOT SCALE = 2.00 / IN.	DRAWN - TJD	REVISED -					SECTION 55-3HB-1
	PLOT DATE = 10.28.2011	CHECKED -	REVISED -					COUNTY McDONOUGH
		DATE - 10/20/11	REVISED -		SCALE: 1=1	SHEET NO. 4 OF 4 SHEETS	STA. N/A TO STA. N/A	TOTAL SHEETS 103
								SHEET NO. 7
								CONTRACT NO. 68A41
								ILLINOIS FED. AID PROJECT

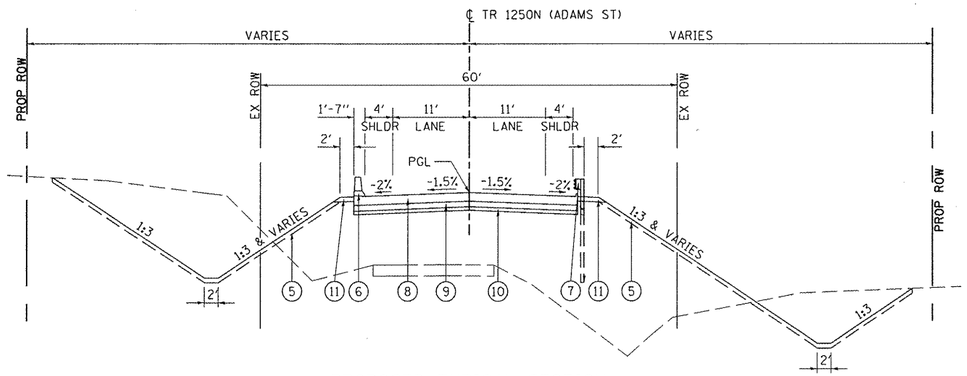
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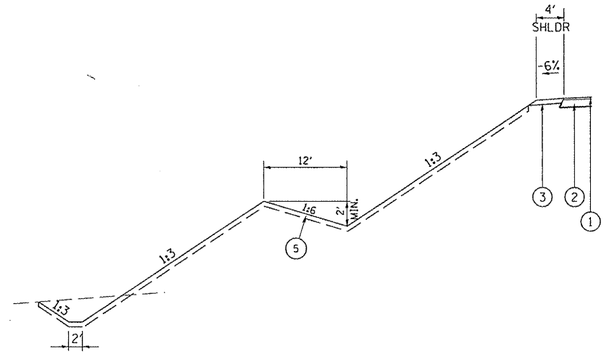
EXISTING TYPICAL SECTION
STA 1004+70.00 TO STA 1020+00.00



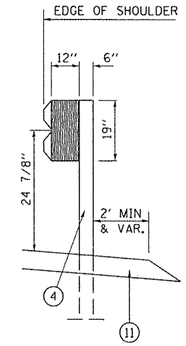
PROPOSED TYPICAL SECTION
STA 1004+70.00 TO STA 1011+54.72
STA 1014+17.24 TO STA 1020+00.00



PROPOSED TYPICAL SECTION
STA 1011+54.72 TO STA 1011+84.72
BRIDGE OMISSION STA 1011+84.72 TO STA 1013+87.24
STA 1013+87.24 TO STA 1014+17.24



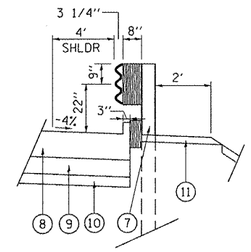
BENCH DETAIL



TYPICAL GUARDRAIL SECTION
(SEE IDOT HWY STD DETAIL 630301-D4)

LEGEND

1. CLASS A-3 BITUMINOUS SURFACE TREATMENT
2. AGGREGATE BASE COURSE, TYPE A 8"
3. AGGREGATE SHOULDER, TYPE B 4"
4. STEEL PLATE BEAM GUARDRAIL, TYPE A
5. TOPSOIL FURNISH AND PLACE, 4"
6. TYPE F BARRIER TO 15' FROM BACK OF ABUTMENT
7. TRAFFIC BARRIER TERMINAL, TYPE 6
8. BRIDGE APPROACH PAVEMENT (15")
9. BRIDGE APPROACH FOOTING (10")
10. SUB-BASE GRANULAR MATERIAL, TYPE B, 6"
11. GUARDRAIL AGGREGATE EROSION CONTROL



BRIDGE APPROACH PAVEMENT WITH CURB
AND TRAFFIC BARRIER TERMINAL, TYPE 6
(SEE IDOT HWY STD DETAIL 631031-D4)

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

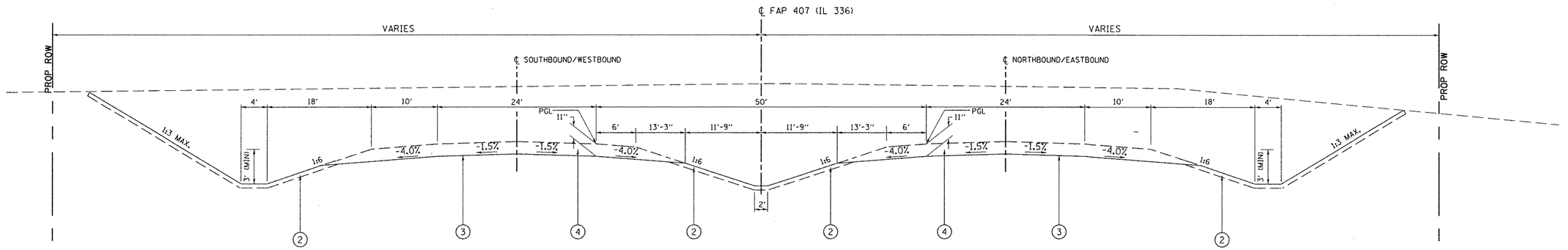
TR 1250N (ADAMS STREET EXTENSION)
TYPICAL SECTIONS

SCALE: N.T.S. | SHEET NO. 1 OF 1 SHEETS | STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	8
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

LEGEND

1. AGGREGATE SURFACE COURSE, TYPE B 8"
2. TOPSOIL FURNISH AND PLACE, 4"
3. GRADING LINE THIS CONTRACT
4. FUTURE PAVEMENT STRUCTURE (BY OTHERS)



PROPOSED TYPICAL GRADING SECTION
FAP 407 (IL 336)
STA 622+50.00 TO STA 627+50.00

FILE NAME = V:\Transportation\2891\1250N (ADAMS) PLAN	USER NAME = jwhite	DESIGNED -	REVISED -
	S:\ADAMST001.dgn	DRAWN -	REVISED -
	PLOT SCALE = 20.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 407 (IL 336) PREGRADE
TYPICAL SECTIONS

SCALE: N/A | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	9
DATE		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

TREE REMOVAL (UNITS)

STATION	OFFSET	SIDE	TREE REMOVAL	
	FOOT		6 TO 15 UNITS	OVER 15 UNITS
1009+74	452	RT	12	
1009+78	457	RT	10	
1009+79	452	RT	12	
1009+81	459	RT	8	
1010+01	487	RT	13	
1010+03	236	RT	10	
1010+04	230	RT	10	
1010+09	227	RT	10	
1010+09	234	RT	10	
1010+14	231	RT	10	
1010+42	48	LT		22
1010+47	50	LT	8	
1011+11	32	RT	12	
1011+28	128	RT		22
1011+54	150	RT		30
1011+85	50	RT		28
1012+28	146	RT	12	
1012+39	49	RT		20
1012+54	72	LT		20
1012+60	163	LT		50
1012+66	142	RT	6	
1012+76	175	LT		31
1012+89	122	LT		33
1013+03	52	LT	6	
1013+06	89	LT		16
1013+18	178	LT		29
1013+74	54	LT		31
1013+80	88	LT	8	
1014+14	158	LT		30
1014+15	158	LT		30
1014+24	88	LT		18
1014+25	54	LT		18
1014+30	176	LT		36
1014+36	115	LT	15	
1014+40	95	LT		28
1015+67	35	LT		24
1018+45	165	RT	12	
1018+47	133	RT	12	
1018+54	135	RT	8	
1018+70	153	RT	13	
1018+78	155	RT	10	
1018+78	162	RT	10	
1018+78	171	RT	10	
1018+92	183	LT		46
TOTAL			247	562
USE			247	562

TREE REMOVAL (ACRES)

STATION TO STATION		SIDE	AREA
		LT/RT	ACRES
TR1250N (ADAMS ST EXT)			
1005+95	1006+35	RT	0.02
1006+65	1008+30	RT	0.16
1008+90	1010+90	RT	0.11
1009+60	1010+25	LT	0.14
1014+10	1018+75	RT	1.42
1017+00	1020+00	LT	0.18
FAP 315 (IL 336)			
620+00	620+85	LT&RT	0.37
620+40	620+60	LT	0.02
621+10	621+65	LT	0.08
622+40	623+90	LT	0.12
TOTAL			2.62
USE			2.7

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

LOCATION	SIDE	DEPTH	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
	LT/RT	FOOT	CU YD
TR 1250N (ADAMS ST EXT)			
1009+85.6 TO 1011+77.6	RT	3	•4,641.1
1014+35.9 TO 1016+50.9	LT	3	•2,861.5
TOTAL			7,502.6
USE			7,503

• SEE GENERAL NOTES

EARTHWORK SCHEDULE

STATION TO STATION	EXCAVATION	EXCAVATION ADJUSTED FOR SHRINKAGE•	EMBANKMENT	BALANCE WASTE OR SHORTAGE (-)	TOPSOIL FURNISH & PLACE, 4"
	CU YD				SQ YD
	174,757.7	131,068.3	44,524.3	86,544.0	59339.4
TOTAL	174,757.7	131,068.3	44,524.3	86,544.0	59,339.4
USE	174,758	131,069	44,525	86,544	59,340

•SHRINKAGE FACTOR = 25%

SEEDING & EROSION CONTROL

STATION TO STATION		SIDE	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMPORARY EROSION CONTROL SEEDING
		LT/RT	ACRE	POUND			ACRE	POUND
TR 1250N (ADAMS ST EXT)								
1004+70	1020+00	LT/RT	10.5	631.9	631.9	631.9	10.5	2,106.2
TOTAL			10.5	631.9	631.9	631.9	10.5	2,106.2
USE			11	632	632	632	11	2,107

HEAVY DUTY EROSION CONTROL BLANKET

STATION TO STATION		SIDE	LENGTH	WIDTH	HEAVY DUTY EROSION CONTROL BLANKET
			FOOT		SQ YD
TR 1250N (ADAMS ST EXT)					
1006+63.7	1014+71.7	RT	VAR	VAR	11,559.6
1006+77.9	1012+35.8	RT	VAR	VAR	3,893.1
1007+32.2	1018+32.2	LT	VAR	VAR	20,421.8
1008+07.0	1009+65.8	LT	VAR	VAR	1,553.4
1013+49.0	1014+32.7	RT	VAR	VAR	494.2
1014+39.2	1015+90.0	RT	VAR	VAR	1,309.0
1016+10.0	1018+48.2	RT	VAR	VAR	4,724.9
TOTAL					43,956.0
USE					43,956

PERIMETER EROSION BARRIER

STATION TO STATION		SIDE	PERIMETER EROSION BARRIER
		LT/RT	FOOT
TR 1250N (ADAMS ST EXT)			
1009+51.7	1017+00.	RT	1,062.5
1016+92.2	1018+51.4	RT	416.6
TOTAL			1,479.1
USE			1,480

INLET & PIPE PROTECTION

STATION	SIDE	OFFSET	INLET & PIPE PROTECTION
			EACH
FAP 315 (IL 336)			
626+35.0	LT	7.9'	1
TR 1250N (ADAMS ST EXT)			
1009+76.0	LT	135.9'	1
1011+83.1	LT	81.6'	1
1013+57.8	LT	62.49'	1
1015+42.3	RT	75.4'	1
TOTAL			5
USE			5

SURFACE COURSE SCHEDULE

STATION	SIDE	AGGREGATE SURFACE COURSE, TYPE B	INCIDENTAL HOT-MIX ASPHALT SURFACE
		TON	
1005+85.9	RT	41.1	
1006+21.7	LT		33.3
1006+46.7	RT	57.7	
1007+00.0	LT	76.7	
1016+00.0	RT	210.7	
1018+65.0	LT	121.3	
TOTAL		507.5	33.3
USE		508	34

RIPRAP SCHEDULE

STATION TO STATION		SIDE	STONE DUMPED RIPRAP		FILTER FABRIC
			CLASS A4	CLASS B3	
			SQ YD		
FAP 315 (IL 336)					
622+10.3	624+55.0	RT	418.7	1,395.0	1,813.7
622+55.3	624+52.5	LT	494.8	503.4	998.2
625+70.1	626+06.7	RT	90.9		90.9
626+14.2	626+40.3	LT	65.5		65.5
TR 1250N (ADAMS ST EXT)					
1004+70.0	1005+90.7	LT	111.0		111.0
1004+70.0	1005+56.0	RT	78.3		78.3
1006+77.9	1011+59.0	RT	875.5		875.5
1007+40.9	1011+55.8	LT	788.4		788.4
1009+25.0	1010+59.0	LT BENCH	338.1		338.1
1009+26.8	1010+48.8	LT BENCH	512.8		512.8
1009+50.0	1011+59.0	RT BENCH	492.5		492.5
1013+62.4	1018+30.9	LT	979.4		979.4
1014+14.5	1015+39.8	RT	242.5		242.5
1016+67.1	1017+99.8	RT BENCH	571.2		571.2
1018+44.0	1020+00.0	RT	252.4		252.4
1018+94.0	1020+00.0	LT	158.6		158.6
TOTAL			6,470.6	1,898.4	8,369.0
USE			6,471	1,899	8,369

PAVEMENT SCHEDULE

STATION TO STATION	SIDE	PREPARATION OF BASE	AGGREGATE BASE REPAIR	AGGREGATE BASE CSE, TY A 8"	BITUMINOUS MATERIAL			COVER COAT AGG	SEAL COAT AGG
					PRIME COAT	COVER COAT	SEAL COAT		
		SQ YD	TON	SQ YD	TON			TON	
1004+70.00 TO 1011+54.72	LT & RT			1,651.5	3.3	6.6	3.3	41.3	20.6
1004+17.24 TO 1020+00.00	LT & RT			1,402.3	2.8	5.6	2.8	35.1	17.5
DETOUR IMPROVEMENTS	LT & RT	2,198.0	936.5		4.4	8.8	4.4	55.2	27.6
TOTAL		2,198.0	936.5	3,053.8	10.5	31.5		131.5	65.8
USE		2,198	937	3,054	11	32		132	66

AGGREGATE SHOULDERS, TYPE B

STATION TO STATION		SIDE	LENGTH	WIDTH	AGGREGATE SHOULDERS, TYPE B
			FOOT		TON
TR 1250N (ADAMS ST EXT)					
1004+70	1005+70	LT & RT	100	VARIES	11.39
1005+70	1011+54.72	LT & RT	584.72	4	133.17
1014+17.24	1019+00	LT & RT	482.76	4	109.96
1019+00	1020+00	LT & RT	100	VARIES	11.39
TOTAL					265.91
USE					266

PIPE CULVERT REMOVAL

STATION	SIDE	SIZE	TYPE	LENGTH
				FOOT
1006+48.0	RT	12"	CMP	24.7
1008+84.0	RT	12"	CMP	30.1
1010+02.0	LT & RT	24"	CMP	62.0
1013+58.0	RT	12"	CMP	24.4
1014+150	LT	12"	CMP	19.8
1016+77.0	LT & RT	36"	CMP	57.6
TOTAL				218.6
USE				219

PIPE CULVERT SCHEDULE

STATION	SIDE	PIPE CULVERTS, CLASS A				PIPE CULVERTS, CLASS D	METAL END SECTIONS	PRECAST REINFORCED CONCRETE FLARED END SECTIONS			INLET BOX STD 542511
		TYPE 1	TYPE 3	TYPE 2	TYPE 7	TYPE 4					
		18"	24"	30"	30"	15"	15"	18"	24"	30"	
		FOOT				FOOT	EACH	EACH			EACH
TR 1250N (WEST ADAMS STREET EXTENSION)											
1010+00.00	LT & RT				284					2	
1011+99.66	LT & RT		162						2		
1013+66.80	LT & RT			148						2	
1016+00.00	RT					122	2				
FAP 315 (IL 336)											
626+35.00	LT	60						1			1
TOTALS		60	162	148	284	122	2	1	2	4	1
USE		60	162	148	284	122	2	1	2	4	1

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		DATE - 10/20/11	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF ILLINOIS

TR 1250N (WEST ADAMS STREET EXTENSION)
SCHEDULE OF QUANTITIES

SCALE: 1=1 | SHEET NO. 1 OF 2 SHEETS | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	10
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

GUARDRAIL SCHEDULE

STATION TO STATION	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A	TRAFFIC BARRIER TERMINALS		TERMINAL MARKER DIRECT APPLIED
			TYPE 1, SPECIAL (TANGENT)	TYPE 6	
		FOOT	EACH		
1010+74.17 TO 1011+69.82	LT		1	1	1
1010+53.97 TO 1011+74.62	RT	25	1	1	1
1013+97.34 TO 1015+17.99	LT	25	1	1	1
1014+02.14 TO 1014+97.79	RT		1	1	1
TOTALS		50	4	4	4
USE		50	4	4	4

PERMANENT SURVEY MARKERS

STATION	SIDE	PERMANENT SURVEY MARKERS		PERMANENT SURVEY TIES
		TYPE I	(SPECIAL)	
		EACH		
1006+32.37	LT		1	4
1013+89.00	RT	1		
TOTALS		1	1	4
USE		1	1	4

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

STATION	OFFSET	SIDE	EACH
	FOOT		
(TR 1250N) WEST ADAMS STREET EXTENSION			
1004+50	28.13	LT	1
1004+50	31.87	RT	1
1005+00	40.00	LT	1
1005+00	40.00	RT	1
1006+00	40.00	RT	1
1006+25	50.00	RT	1
1006+50	40.00	LT	1
1007+00	50.00	RT	1
1008+00	100.00	LT	1
1009+50	275.00	LT	1
1010+87.86	205.00	RT	1
1016+50	120.00	LT	1
1016+90	205.00	RT	1
1016+90	265.00	RT	1
1018+25	60.00	LT	1
1018+64.98	78.57	RT	1
1018+75	290.00	RT	1
1019+00	60.00	LT	1
1019+00	50.00	RT	1
1019+02.95	140.00	RT	1
1020+03.50	34.12	LT	1
1020+25.00	25.86	RT	1
FAP 315 (IL 336)			
620+00	133.33	LT	1
620+00	120.00	RT	1
621+29.65	141.97	LT	1
621+43.92	251.39	LT	1
622+86.67	170.00	RT	1
626+36.71	160.00	RT	1
627+00	150.00	RT	1
628+19.44	160.00	LT	1
628+50	150.00	RT	1
TOTAL			31
USE			31

GUARDRAIL AND BARRIER WALL MARKERS

STATION TO STATION	SIDE	GUARDRAIL MARKERS, TYPE A	BARRIER WALL MARKERS, TYPE C
		EACH	
1010+53.97 TO 1014+97.79	RT	4	3
1010+74.17 TO 1015+17.99	LT	4	3
TOTALS		8	6
USE		8	6

REMOVE EXISTING SEPTIC TANK

STATION	OFFSET	SIDE	TOTAL
	FOOT		EACH
1011+88.00	147.80	RT	1
1013+91.60	130.90	LT	1
1014+13.60	130.90	LT	1
TOTAL			3
USE			3

BUILDING AND FOUNDATION REMOVAL

STATION	SIDE	BUILDING REMOVAL		FOUNDATION REMOVAL
		NUMBER	L SUM	EACH
1012+00	RT	1	1	
1012+25	LT	2	1	
1013+57	LT			1
TOTAL			2	1
USE			2	1

GUARDRAIL AGGREGATE EROSION CONTROL

STATION TO STATION	SIDE	GUARDRAIL AGGREGATE EROSION CONTROL
		TON
TR 1250N (ADAMS ST EXT)		
1010+19.97 1011+87.12	RT	17
1010+40.17 1011+82.32	LT	14
1013+84.84 1015+51.99	LT	14
1013+89.64 1015+31.79	RT	17
TOTAL		62
USE		62

SEDIMENT BASIN

LOCATION	SIDE	OFFSET	SEDIMENT BASIN
			EACH
TR 1250N (ADAMS ST EXT)			
STA 1010+27.18	RT	153.76'	1
STA 1017+52.74	RT	161.73'	1
TOTAL			2
USE			2

SEALING ABANDONED WATER WELLS

STATION	OFFSET	SIDE	TOTAL
	FOOT		EACH
1012+13.10	133.80	RT	1
1012+27.12	217.80	LT	1
1013+41.30	176.20	LT	1
TOTAL			3
USE			3

FENCE REMOVAL

STATION TO STATION		SIDE	LENGTH
		LT/RT	FOOT
1006+35	1012+05	LT	570
1008+75	1008+90	RT	95
1008+90	1010+75	RT	185
1010+75	1011+15	RT	130
1012+85	1020+25	RT	740
1015+85	1017+40	RT	290
1017+00	1020+00	LT	300
620+00	621+15	LT	115
621+15	621+35	LT	170
TOTAL			2,595
USE			2,600

SCHEDULES OF QUANTITIES FOR DETOUR PAVEMENT PATCHING

35800100

PREPARATION OF BASE	SQ YD
LOCATION	
BRIDGE OVER SPRING CREEK	
* 1	222
* 2	285
N. 1200TH RD.	
* 3	125
* 4	102
E. 700TH RD	
* 5	98
* 6	169
* 7	107
E. 700TH ST.	
* 8	650
INTERSECTION OF CHRISTIAN RD AND E. 750TH ST.	
* 9	440
TOTAL	2,198

35800200

AGGREGATE BASE REPAIR	DEPTH (IN)	TON
LOCATION		
BRIDGE OVER SPRING CREEK		
* 1	12"	152
* 2	12"	195
N. 1200TH RD.		
* 3	3"	21.5
* 4	8"	47
E. 700TH RD		
* 5	6"	33.5
* 6	6"	58
* 7	6"	56.5
E. 700TH ST.		
* 8	8"	298
INTERSECTION OF CHRISTIAN RD AND E. 750TH ST.		
* 9	3"	75
TOTAL		936.5

40300200

BIT. MATERIAL (PRIME COAT)	TON
LOCATION	
BRIDGE OVER SPRING CREEK	
* 1	0.44
* 2	0.57
N. 1200TH RD.	
* 3	0.25
* 4	0.2
E. 700TH RD	
* 5	0.2
* 6	0.34
* 7	0.21
E. 700TH ST.	
* 8	1.3
INTERSECTION OF CHRISTIAN RD AND E. 750TH ST.	
* 9	0.88
TOTAL	4.39

1 APPLICATIONS

40300500

COVER COAT AGGREGATE	TON
LOCATION	
BRIDGE OVER SPRING CREEK	
* 1	5.6
* 2	7.2
N. 1200TH RD.	
* 3	3.2
* 4	2.6
E. 700TH RD	
* 5	2.6
* 6	4.2
* 7	2.6
E. 700TH ST.	
* 8	16.2
INTERSECTION OF CHRISTIAN RD AND E. 750TH ST.	
* 9	11
TOTAL	55.2

2 APPLICATIONS

40300600

SEAL COAT AGGREGATE	TON
LOCATION	
BRIDGE OVER SPRING CREEK	
* 1	2.8
* 2	3.6
N. 1200TH RD.	
* 3	1.6
* 4	1.3
E. 700TH RD	
* 5	1.3
* 6	2.1
* 7	1.3
E. 700TH ST.	
* 8	8.1
INTERSECTION OF CHRISTIAN RD AND E. 750TH ST.	
* 9	5.5
TOTAL	27.6

1 APPLICATIONS

40300400

BIT. MAT.(COVER AND SEAL COATS)	TON
LOCATION	
BRIDGE OVER SPRING CREEK	
* 1	1.32
* 2	1.71
N. 1200TH RD.	
* 3	0.75
* 4	0.6
E. 700TH RD	
* 5	0.6
* 6	1.02
* 7	0.63
E. 700TH ST.	
* 8	3.9
INTERSECTION OF CHRISTIAN RD AND E. 750TH ST.	
* 9	2.64
TOTAL	13.17

2 APPLICATIONS - COVER COAT
1 APPLICATION - SEAL COAT

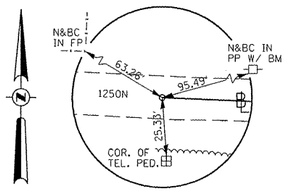
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
SCHEDULE OF QUANTITIES

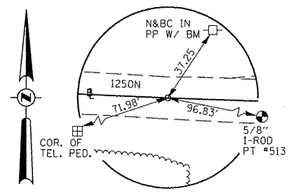
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	11
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



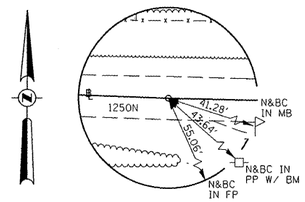
POT STA 1004+60.00
1250N (ADAMS STREET)

SURVEY SPIKE
N 1,383,281.2915
E 2,135,890.3781



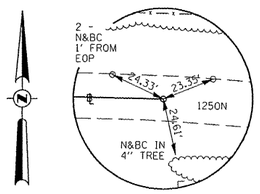
POT STA 1005+30.00
1250N (ADAMS STREET)

SURVEY SPIKE
N 1,383,278.3428
E 2,135,960.3159



POT STA 1020+20.00
1250N (ADAMS STREET)

SURVEY SPIKE
N 1,383,225.6643
E 2,137,449.3844



POT STA 1024+72.00
1250N (ADAMS STREET)

SURVEY SPIKE
N 1,383,215.4482
E 2,137,901.2690

NOTE: NO TIES SET FOR IL 336 OR NELSON ENTRANCE.

BENCHMARKS

BM #	ELEVATION	STATION	OFFSET	DESCRIPTION
BM HEI 12	662.55	1020+53.00	28' RT	R.R. SPIKE IN P.P. S. SIDE OF 1250N RD, W. SIDE OF DRV. HO. #8781
BM HEI 13	689.58	1012+17.50	35' LT	R.R. SPIKE IN P.P. N. SIDE OF 1250N RD, ±50' W. OF DRV. HO. #8630
BM HEI 14	693.68	1005+48.50	30' LT	R.R. SPIKE IN P.P. N. SIDE OF 1250N RD, ±50' W. OF DRV. HO. # BLACK

PT STA 602+01.15
FAP 315 (IL RTE 336)

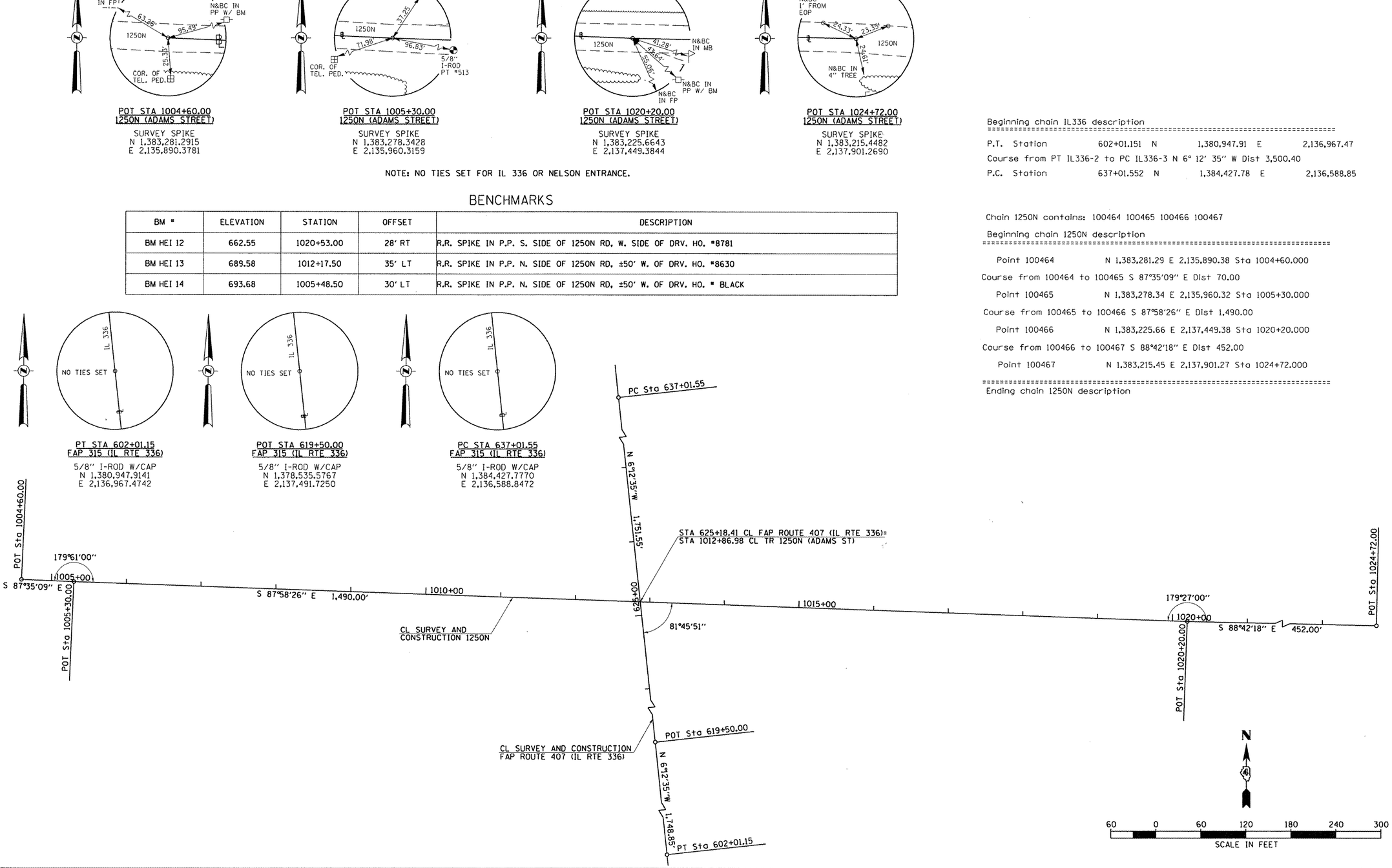
5/8" I-ROD W/CAP
N 1,380,947.9141
E 2,136,967.4742

POT STA 619+50.00
FAP 315 (IL RTE 336)

5/8" I-ROD W/CAP
N 1,378,535.5767
E 2,137,491.7250

PC STA 637+01.55
FAP 315 (IL RTE 336)

5/8" I-ROD W/CAP
N 1,384,427.7770
E 2,136,588.8472



Beginning chain IL336 description

P.T. Station 602+01.151 N 1,380,947.91 E 2,136,967.47
Course from PT IL336-2 to PC IL336-3 N 6° 12' 35" W Dist 3,500.40
P.C. Station 637+01.552 N 1,384,427.78 E 2,136,588.85

Chain 1250N contains: 100464 100465 100466 100467

Beginning chain 1250N description

Point 100464 N 1,383,281.29 E 2,135,890.38 Sta 1004+60.000
Course from 100464 to 100465 S 87°35'09" E Dist 70.00
Point 100465 N 1,383,278.34 E 2,135,960.32 Sta 1005+30.000
Course from 100465 to 100466 S 87°58'26" E Dist 1,490.00
Point 100466 N 1,383,225.66 E 2,137,449.38 Sta 1020+20.000
Course from 100466 to 100467 S 88°42'18" E Dist 452.00
Point 100467 N 1,383,215.45 E 2,137,901.27 Sta 1024+72.000

Ending chain 1250N description

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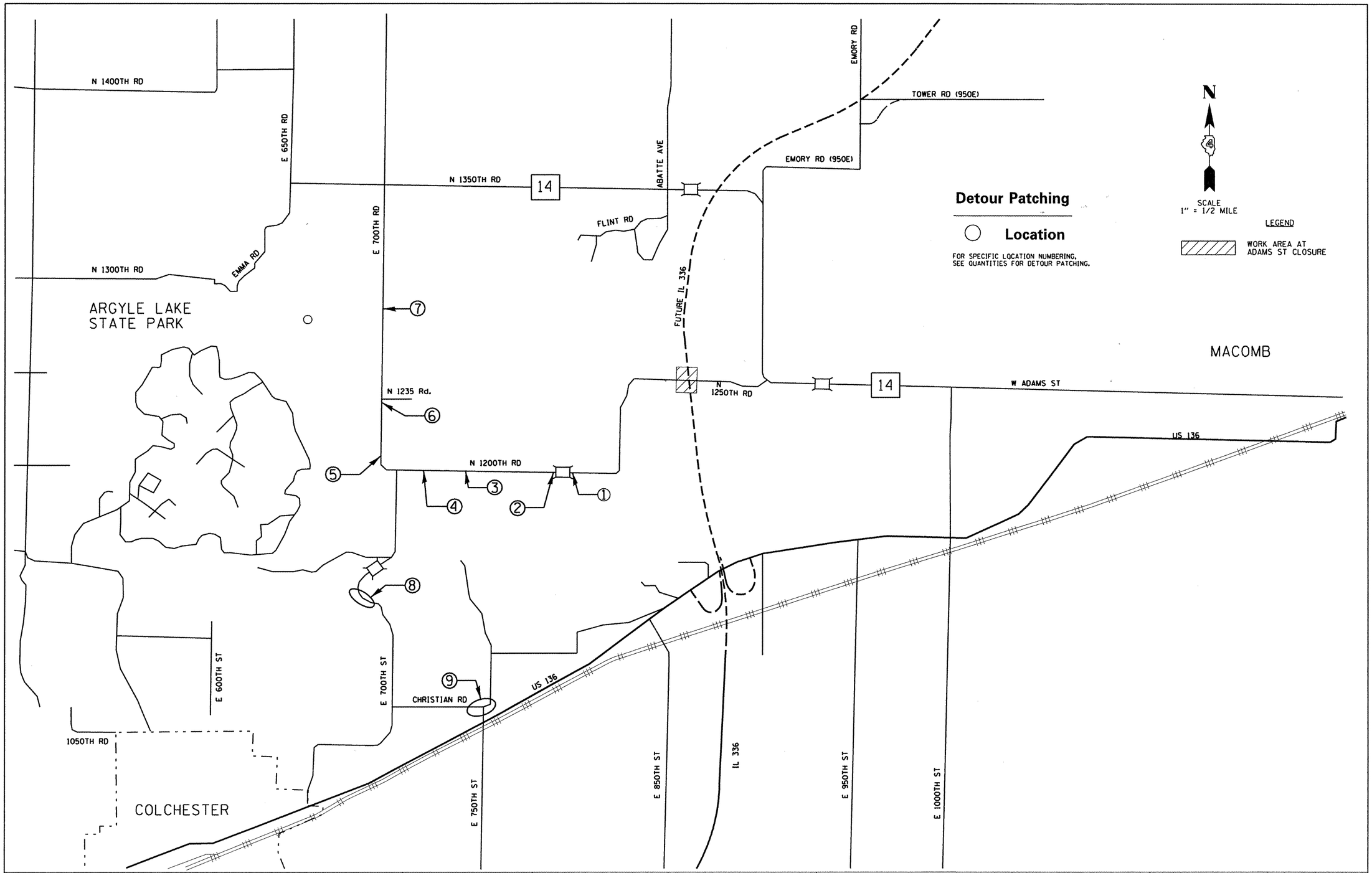
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
ALIGNMENT, TIES & BENCHMARKS

SCALE: 1"=60' | SHEET NO. 1 OF 1 SHEETS | STA. 1004+60.00 TO STA. 1024+72.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	12
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

ADAMSA01



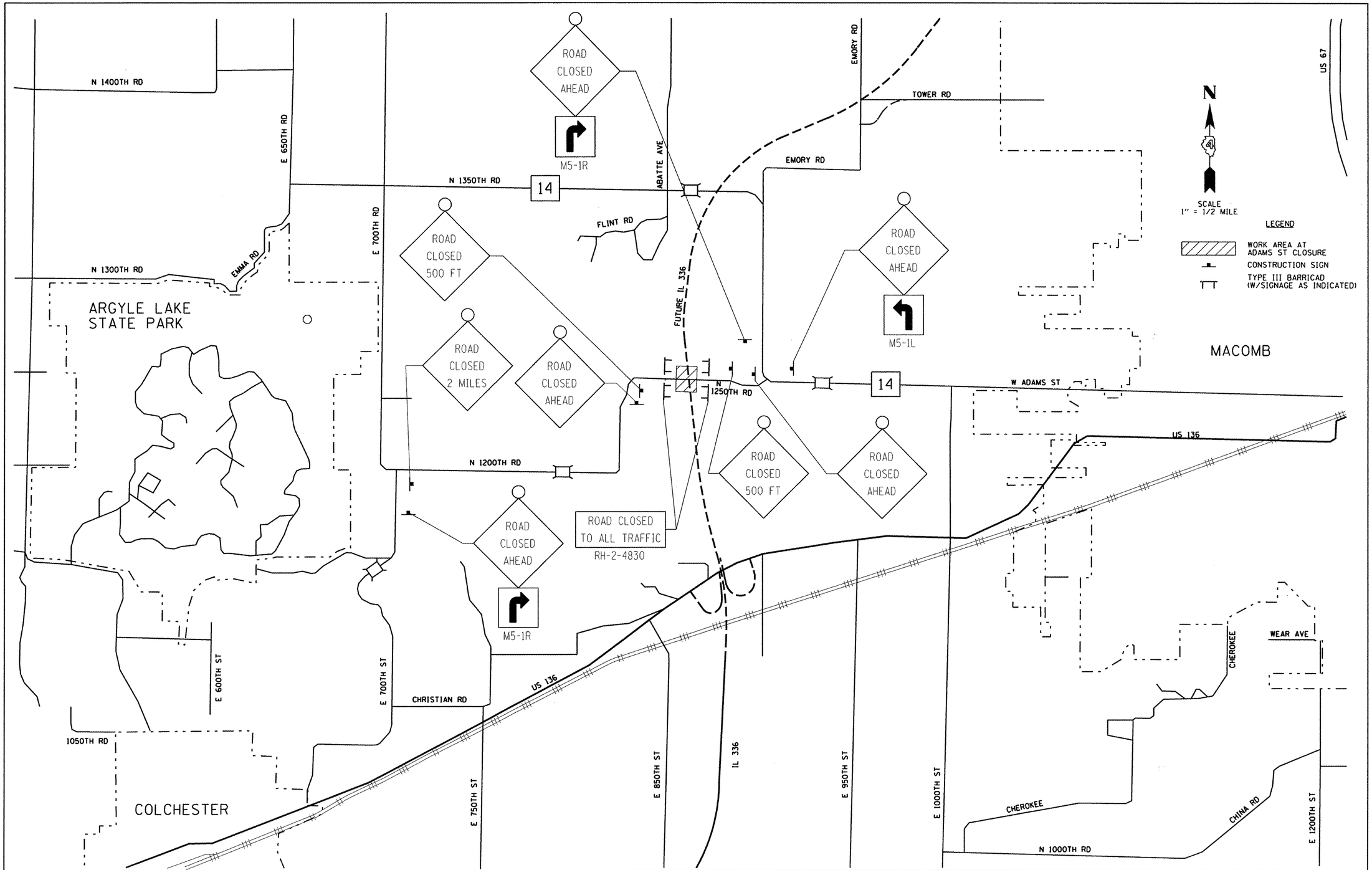
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
LOCATION OF DETOUR PATCHING

SCALE: 1" = 2460± | SHEET NO. 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	13
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
MAINTENANCE OF TRAFFIC SCHEMATIC

SCALE: 1" = 2460± | SHEET NO. 1 OF 1 SHEETS | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	14
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

SEC 33, T 6 N, R 3 W, 4th PM

NOTE: SOME TREES ARE SHOWN FOR INDIVIDUAL REMOVAL THAT LIE IN AREAS WHERE TREE REMOVAL IS PAID FOR IN ACRES. THESE TREES SHALL NOT BE PAID FOR INDIVIDUALLY, BUT CONSIDERED INCLUDED IN TREE REMOVAL, ACRES. SEE SCHEDULE OF QUANTITIES FOR THOSE TREES PAID FOR INDIVIDUALLY AS UNITS.

SEALING ABANDONED WATER WELLS - 1 EA. HAND DUG, 3' DIA., 30' DEEP

SEALING ABANDONED WATER WELLS - 1 EA. DRILLED, 6" DIA., 350' DEEP

LIMITS OF CONSTRUCTION

PROPOSED R.O.W. LINE

CL SURVEY & CONSTRUCTION 1250N (ADAMS ST)

BUILDING REMOVAL NO. 2

BUILDING REMOVAL NO. 1

EXISTING POND TO BE REMOVED

LIMITS OF CONSTRUCTION

PROPOSED TEMPORARY EASEMENT LINE

4AEC011
07-000-352-00
ALLEN R. BLACK

4AEC010
07-000-347-00
DANIEL LEE NUDD &
KAREN E. NUDD

PILLARS TO REMAIN IN PLACE (DO NOT DISTURB)

PROPOSED A.C. LINE

SECTION 55-3HB-1 BEGINS STA 1004+70.00

PROPOSED TEMPORARY EASEMENT LINE

PROPOSED TEMPORARY EASEMENT LINE

PROPOSED R.O.W. LINE

PROPOSED TEMPORARY EASEMENT LINE

SECTION 55-3HB-1 ENDS STA 1020+00.00

1005+00

1010+00

1015+00

1020+00

1250N

REMOVE EXISTING PE TO ROW LINE

PROPOSED TEMPORARY EASEMENT LINE

FENCE REMOVAL

PROPOSED A.C. LINE

PROPOSED R.O.W. LINE

PROPOSED R.O.W. LINE

SHED

4AEC006
07-000-361-00
ROBERT VICTOR NELSON, II &
TERI L. NELSON

4AEC008
07-000-358-05
JERRY LAINE RABY &
SHELLEY L. RABY

SEALING ABANDONED WATER WELLS - 1 EA. DRILLED, 6" DIA., 320' DEEP

FOUNDATION REMOVAL - 1 EA.

4AEC007
07-000-360-00
RANDY DOWNEY &
PAMELA DOWNEY

LIMITS OF CONSTRUCTION

EXISTING POLE AND RODS (NOT TO BE DISTURBED)

PROPOSED R.O.W. LINE

TREE REMOVAL

CL SURVEY & CONSTRUCTION FAP 407 (IL 336)

PROPOSED R.O.W. LINE

LIMITS OF CONSTRUCTION

4AEC006
07-000-361-00
ROBERT VICTOR NELSON, II &
TERI L. NELSON

EXISTING POND TO BE REMOVED

PROPOSED TEMPORARY EASEMENT LINE

620+00

PROPOSED R.O.W. LINE

LEGEND

TBR	ITEM TO BE REMOVED
	TREE REMOVAL, ACRES
	FENCE REMOVAL
	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (3')

N

50 0 50 100 150 200 250

SCALE IN FEET

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (ADAMS STREET EXTENSION)
REMOVAL PLAN & UTILITIES

SCALE: 1"=50' | SHEET NO. 1 OF 1 SHEETS | STA. 1004+70.00 TO STA. 1020+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	15
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

SEC 33, T 6 N, R 3 W, 4th PM

PROPOSED R.O.W. LINE
PROPOSED GRADING MATCHLINE
LIMITS OF CONSTRUCTION
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED A.C. LINE
CL SURVEY & CONSTRUCTION 1250N (ADAMS ST)
STA 1+00.00 CL NELSON ENTRANCE = STA 1018+25.00 CL TR 1250N (ADAMS ST)
BM #13
1005+00
1010+00
1015+00
1020+00
1250N
620+00
BARN
RES BLDG
DECK
CARAGE
POND
SHED
SCRUB
AG
OHP
UGP
SAN CLEANOUT
SEPTIC TANK
LP
12" CMP
30" CMP
24" CMP
18" CMP
BRICK PILLAR
STONE WALL
WIRE FENCE
PROPOSED TEMP EASEMENT LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED R.O.W. LINE
PROPOSED GRADING MATCHLINE
LIMITS OF CONSTRUCTION
PROPOSED R.O.W. LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED A.C. LINE
PROPOSED R.O.W. LINE
PROPOSED GRADING MATCHLINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED R.O.W. LINE
CL SURVEY AND CONSTRUCTION
FAP ROUTE 407 (IL RTE 336)

N

50 0 50 100 150 200 250
SCALE IN FEET

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
GRADING PLAN – TR 1250N

SCALE: 1"=50' | SHEET NO. 1 OF 1 SHEETS | STA. 1004+70.00 TO STA. 1020+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	16
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

SEC 33, T 6 N, R 3 W, 4th PM

SECTION 55-3HB-1 BEGINS STA 1004+70.00

SECTION 55-3HB-1 ENDS STA 1020+00.00

4AEC011
07-000-352-00
ALLEN R. BLACK

4AEC010
07-000-347-00
DANIEL LEE NUDD &
KAREN E. NUDD

4AEC006
07-000-361-00
ROBERT VICTOR NELSON, II &
TERI L. NELSON

4AEC007
07-000-360-00
RANDY DOWNEY &
PAMELA DOWNEY

4AEC008
07-000-358-05
JERRY LAINE RABY &
SHELLEY L. RABY

PROPOSED R.O.W. LINE

LIMITS OF CONSTRUCTION

PROPOSED TEMPORARY EASEMENT LINE

PROPOSED A.C. LINE

CL SURVEY & CONSTRUCTION
1250N (ADAMS ST)

STA 625+18.41 CL FAP ROUTE 407 (IL RTE 336)=
STA 1012+86.98 CL TR 1250N (ADAMS ST)

PROPOSED BRIDGE APPROACH PAVEMENT

PROPOSED GUARDRAIL (SEE SCHEDULE)

PROPOSED GUARDRAIL EROSION CONTROL

PROPOSED AGGREGATE SHOULDERS

POT STA 1005+30.00

POT STA 1020+20.00

100' WIDTH TRANSITION

PROPOSED TEMP EASEMENT LINE

CL SURVEY AND CONSTRUCTION
FAP ROUTE 407 (IL RTE 336)

LIMITS OF CONSTRUCTION

PROPOSED R.O.W. LINE

PROPOSED TEMPORARY EASEMENT LINE

PROPOSED BRIDGE APPROACH PAVEMENT

STATION 1012+86.98, 8°14'24" SKEW
PROPOSED STRUCTURE NO. 055-0067
TWO SPAN STEEL GIRDER BRIDGE
202'-6" BK. TO BK.
REINFORCED CONCRETE DECK
33'-2" OUT TO OUT ON STEEL BEAMS
AND REINFORCED CONCRETE PIER
AND INTEGRAL ABUTMENTS

81°45'51"

BM HEI 13

1250N

1010+00

1015+00

620+00

N

SCALE IN FEET 50 0 50 100 150 200 250

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

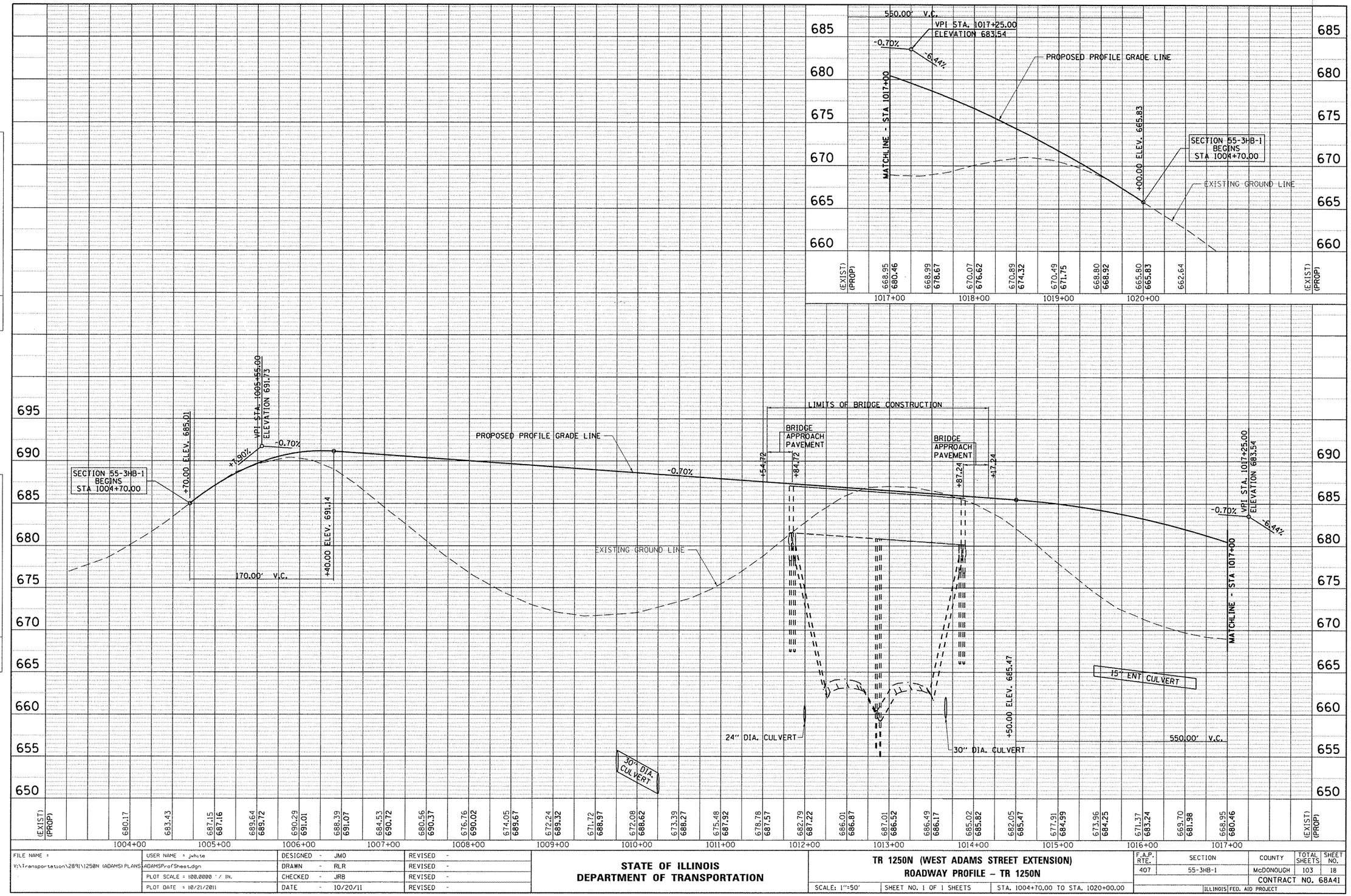
TR 1250N (WEST ADAMS STREET EXTENSION)
ROADWAY PLAN – TR 1250N

SCALE: 1"=50' | SHEET NO. 1 OF 1 SHEETS | STA. 1004+70.00 TO STA. 1020+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	17
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

PLAN | SURVEYED | PLOTTED | DRAWN | CHECKED | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | DRAWN | CHECKED | NOTE BOOK | NO. | BY | DATE



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	PLOT SCALE = 100.0000 ' / IN.	CHECKED - JRB	REVISED -
	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
ROADWAY PROFILE – TR 1250N

SCALE: 1":50' | SHEET NO. 1 OF 1 SHEETS | STA. 1004+70.00 TO STA. 1020+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	18
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

SEC 33, T 6 N, R 3 W, 4th PM

LIMITS OF CONSTRUCTION

PROPOSED TEMPORARY EASEMENT LINE

PROPOSED R.O.W. LINE

PROPOSED A.C. LINE

CL SURVEY & CONSTRUCTION
1250N (ADAMS ST)

STA 1010+00.10, 10° SKEW RT AH
PROPOSED PIPE CULVERT, CLASS A, TYPE 7 30" X 284'
2-30" PRC FLARED END SECTIONS, STD 542301
USFL INV 653.20, STA 1009+76.04, 135.90' LT
DSFL INV 650.54, STA 1010+25.07, 142.20' RT

STA 1013+66.80, 8°14'08.69" SKEW RT AH
PROPOSED PIPE CULVERT, CLASS A, TYPE 2 30" X 148'
2-30" PRC FLARED END SECTIONS, STD 542301
USFL INV 661.44, STA 1013+57.76, 62.49' LT
DSFL INV 657.37, STA 1013+78.89, 83.50' RT

STA 1011+99.66, 11°28'51.39" SKEW RT AH
PROPOSED PIPE CULVERT, CLASS A, TYPE 3 24" X 162'
2-24" PRC FLARED END SECTIONS, STD 542301
USFL INV 661.03, STA 1011+83.09, 81.59' LT
DSFL INV 657.45, STA 1012+15.19, 76.50' RT

STA 1016+00.00
PROPOSED PIPE CULVERT, CLASS D, TYPE 4 15" X 122'
W/ END SECTIONS 15", 2-EACH STD 542401
USFL INV 664.57, STA 1015+42.25, 75.41' RT
DSFL INV 663.05, STA 1016+63.07, 70.46' RT

CL SURVEY AND CONSTRUCTION
FAP ROUTE 407 (IL RTE 336)

BM HEI 13

1005+00 | 1010+00 | 1015+00 | 1020+00 | 1025+00

1250N

RES BLDG | GARAGE | BARN | SHED | POND | SEPTIC TANK | WELL | SAT DISH | DECK

SCRUB | TREE LINE | FENCE | POST | GRD RODS

SCALE IN FEET: 50 0 50 100 150 200 250

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	PLOT SCALE = 100.0000 ' / IN.	DRAWN -	REVISED -		SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. 1004+70.00 TO STA. 1020+00.00	407	55-3HB-1	McDONOUGH	103	19
	PLOT DATE = 10/21/2011	CHECKED -	REVISED -					CONTRACT NO. 68A41		
		DATE - 10/20/11	REVISED -					ILLINOIS FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.T. OF WAY CHECKED
ADD FILE NAME
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.W. NOTED
STRUCTURE NOTATNG CHKED
NOTE BOOK
NO.
DATE
BY

SECTION 55-3HB-1 BEGINS STA 1004+70.00
+70.00 ELEV. 685.01
SP DT RT 5.50%
SP DT LT 4.00%
VPI STA. 1005+55.00
ELEVATION 691.73
-0.70%
+7.90%
170.00' V.C.
+40.00 ELEV. 691.14
PROPOSED PROFILE GRADE LINE
-0.70%
+54.72
EXISTING GROUND LINE
SP DT RT -8.00%
SP DT LT -9.00%
SP DT LT -13.10%
SP DT RT -20.06%
SP DT LT 7.48%
SP DT RT 15.00%
SP BD LT -1.00%
SP BD RT -1.00%
30" DIA. CULVERT
24" DIA. CULVERT
LIMITS OF BRIDGE CONSTRUCTION
-17.24
VPI STA. 1017+25.00
ELEVATION 683.54
-0.70%
-6.44%
SP DT RT -12.00%
SP DT LT 2.00%
15" ENT CULVERT
SP BD RT -1.00%
+50.00 ELEV. 685.47
550.00' V.C.
MATCHLINE - STA 1017+00

550.00' V.C.
VPI STA. 1017+25.00
ELEVATION 683.54
-0.70%
-6.44%
PROPOSED PROFILE GRADE LINE
MATCHLINE - STA 1017+00
+00 DT LT 668.77
SP DT LT 2.00%
SP DT LT -4.00%
SP DT RT -3.97%
+00.00 ELEV. 665.83
+00 DT LT 664.77
+00 DT RT 664.52
SECTION 55-3HB-1 BEGINS STA 1004+70.00
EXISTING GROUND LINE
SP BD RT -1.00%
+85.55 BD RT 661.59
+25 DT LT 671.00
+50 DT RT 670.47

	685	680	675	670	665	660
(EXIST)						
(PROP)						
1017+00	668.95 / 680.46	668.99 / 678.67	670.07 / 676.62	670.89 / 674.32	670.49 / 671.75	668.80 / 668.92
1018+00	665.80 / 665.83	662.64				
1019+00						
1020+00						
(EXIST)						
(PROP)						

	695	690	685	680	675	670	665	660	655	650	645	640	635
(EXIST)													
(PROP)													
1004+00	680.17												
	683.43												
1005+00	+70 DT LT 684.40												
	+70 DT RT 684.00												
	687.15 / 687.16												
1006+00	688.64 / 689.72	+50 DT RT 688.40											
1007+00	690.29 / 691.01	+00 DT LT 689.60											
	688.39 / 691.07												
1008+00	684.53 / 690.72	+00 DT RT 686.77											
1009+00	680.56 / 690.37	+50 DT LT 680.12											
1010+00	676.76 / 690.02	+00 DT LT 676.12											
1011+00	674.05 / 685.67												
1012+00	672.24 / 689.32	+00 DT RT 670.77	+25 BD LT 671.10										
1013+00	671.72 / 688.97	+50 BD RT 671.89	+74.14 BD LT 670.61	+74.14 DT LT 653.30									
1014+00	672.08 / 688.62	+00 DT RT 650.71											
1015+00	673.39 / 688.27	+27.03 DT RT 650.44	+50 BD LT 671.36/669.85										
1016+00	675.48 / 687.92	+75 DT RT 650.92											
1017+00	678.78 / 687.57	+50 DT LT 666.45	+50 BD RT 669.89	+50 DT RT 662.17									
	682.79 / 687.22												
	686.01 / 686.87												
	687.01 / 686.52												
	686.49 / 686.17												
	685.02 / 685.82	+75 DT LT 662.00											
	682.05 / 685.47	+50 DT RT 675.26											
	677.91 / 684.99												
	673.96 / 684.25	+38.83 DT RT 664.61											
	671.37 / 683.24												
	669.70 / 681.98	+67.72 BD RT 662.78											
	668.95 / 680.46	+11.62 DT RT 643.87											
	668.99 / 678.67	+38.66 DT RT 640.62											
(EXIST)													
(PROP)													

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
DRAINAGE & UTILITY PROFILE – TR 1250N

SCALE: 1"=50' | SHEET NO. 1 OF 1 SHEETS | STA. 1004+70.00 TO STA. 1020+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	20
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

SEC 33, T 6 N, R 3 W, 4th PM

PROPOSED R.O.W. LINE

PROPOSED R.O.W. LINE

LIMITS OF CONSTRUCTION

PROPOSED TEMPORARY EASEMENT LINE

PROPOSED A/C LINE

STA 626+35.00 LT
PROPOSED PIPE CULVERT, CLASS A, TYPE 1, 18" X 60'
1-INLET BOX TYPE C STD 542511
1-18" PRC FLARED END SEC STD 542301
DITCH ELEV. 663.55
USFL 662.55, 13.58' LT
DSFL 661.69, 73.20' LT

CL SURVEY & CONSTRUCTION
FAP 407 (IL 336)

IL RTE 336

620+00

625+00

630+00

81°45'51"

CL SURVEY & CONSTRUCTION
1250N (ADAMS STREET)

1250N

1010+00

1015+00

EXISTING ROW LINE

EXISTING ROW LINE

PROPOSED R.O.W. LINE

PROPOSED A/C LINE

PROPOSED R.O.W. LINE

PROPOSED R.O.W. LINE

PROPOSED R.O.W. LINE

PROPOSED TEMPORARY EASEMENT LINE

RANDY DOWNEY &
PAMELA DOWNEY

DANIEL LEE NUDD &
KAREN E. NUDD

POND

POND

SCRUB

SCRUB

BARN

RES BLDG

SEPTIC

GARAGE

WELL

ABDN WELL

LP TANK

BM HEI 13

BM HEI 34

AC

AC

AC

AC

AC

AC

AC

AC

PE AGG

PE ASPH

FE AGG

GRD RODS

SAN CLEANOUT

SEPTIC TANK

SEPTIC TANK

SEPTIC DITCH

SEPTIC DITCH

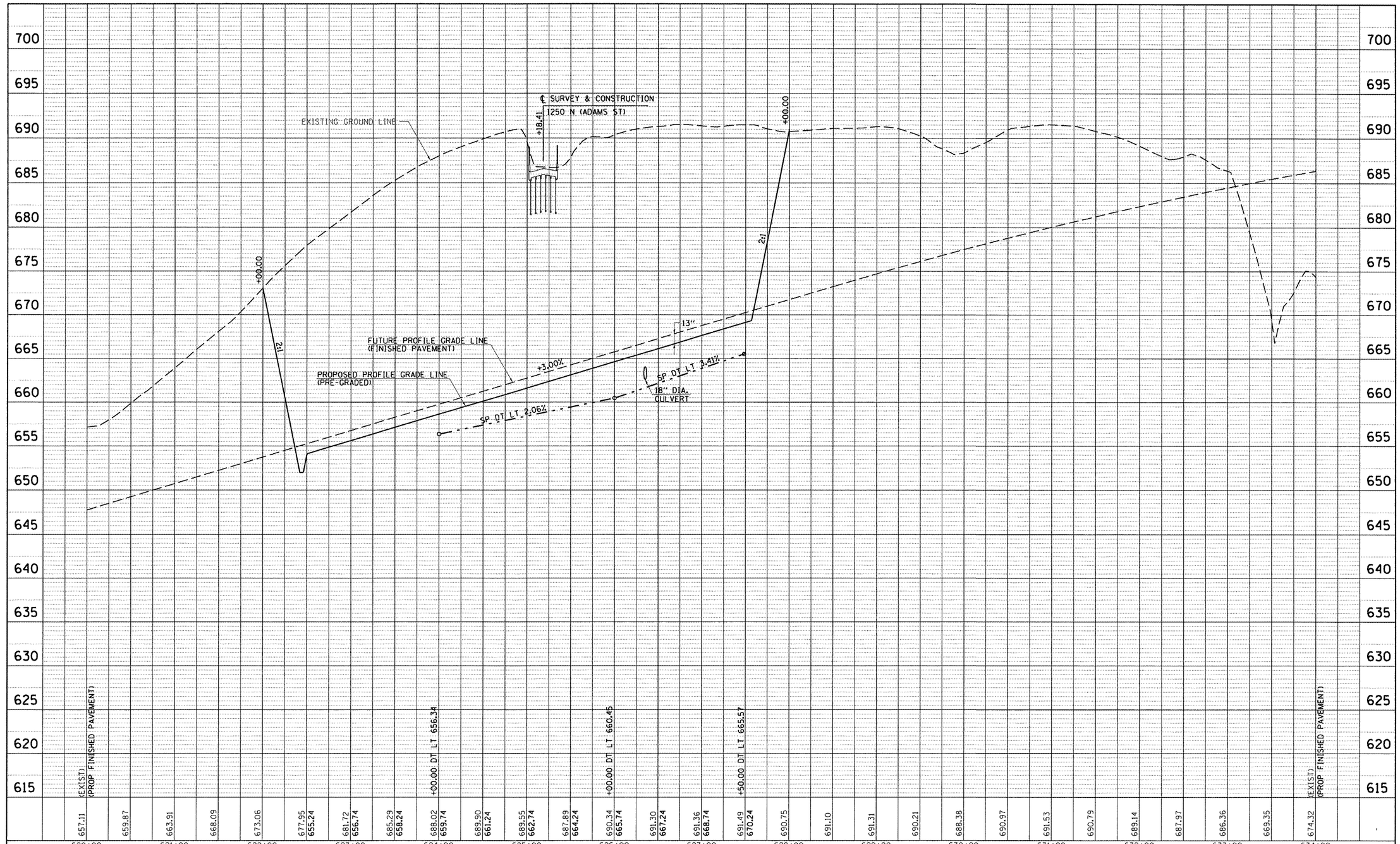
RLP

RLP

SEPTIC DITCH

SEPTIC DITCH

SEPTIC DITCH



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PLOTTED — BY
NOTE BOOK(S) — INIT. CHECKED
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NO.____ STRUCTURE NO. — INIT'LS CHKD

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
DRAINAGE & UTILITY PROFILE – IL 336

SCALE: 1"=50' | SHEET NO. OF SHEETS | STA. 620+00 TO STA. 634+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	22
		CONTRACT NO. 68A41		
		ILLINOIS	FED. AID PROJECT	

SEC 33, T 6 N, R 3 W, 4th PM

PROPOSED R.O.W. LINE
LIMITS OF CONSTRUCTION
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED A.C. LINE
LIMITS OF CONSTRUCTION
PROPOSED R.O.W. LINE
CL SURVEY & CONSTRUCTION 1250N (ADAMS ST)
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED R.O.W. LINE
PROPOSED R.O.W. LINE
LIMITS OF CONSTRUCTION
PROPOSED A.C. LINE
PROPOSED R.O.W. LINE
LIMITS OF CONSTRUCTION
STONE DUMPED RIPRAP, CLASS B3
SEE SPECIAL DETAILS
CL SURVEY AND CONSTRUCTION
FAP ROUTE 407 (IL RTE 336)
PROPOSED R.O.W. LINE
PROPOSED TEMPORARY EASEMENT LINE
STA 1+00.00 CL NELSON ENTRANCE = STA 1018+25.00 CL TR 1250N (ADAMS ST)
PROPOSED TEMPORARY EASEMENT LINE

LEGEND
- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION
- SEDIMENT BASIN
- RIPRAP
- HEAVY DUTY EROSION CONTROL BLANKET

BARN, DECK, RES BLDG, GARAGE, WELL, BM HEI 13, SAN O CLEANOUT, SEPTIC TANK, LP, SHED, RES BLDG, SEPTIC, SILT DISH, GRD RODS, BARN, SCRUB, SCRUB, SCRUB, SCRUB, CREEK, 1005+00, 1010+00, 1015+00, 1020+00, 1250N, 629+00

N

50 0 50 100 150 200 250
SCALE IN FEET

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
EROSION CONTROL PLAN

SCALE: 1"=50' | SHEET NO. 1 OF 1 SHEETS | STA. 1004+70.00 TO STA. 1020+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	23
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

SEC 33, T 6 N, R 3 W, 4th PM

Ⓐ 1005+70.00, 40.00'
Ⓑ 1005+70.00, 50.00'
Ⓒ 1006+04.00, 40.00'
Ⓓ 1006+04.00, 50.00'
Ⓔ 1006+31.39, 50.00'
Ⓕ 1006+31.60, 40.00'
Ⓖ 1006+33.44, 50.00'
Ⓗ 1006+65.00, 50.00'
Ⓘ 1006+65.00, 60.00'
Ⓙ 1006+33.64, 60.00'
Ⓚ 1006+80.00, 52.00'
Ⓛ 1006+80.00, 73.00'
Ⓜ 1007+20.00, 73.00'
Ⓝ 1007+20.00, 68.00'

NORTHEAST CORNER OF THE NORTHWEST QUARTER SET IRON ROD W/CAP DOC. #2010-4574

N

40

100' 0' 100'
GRAPHIC SCALE IN FEET

℄ SURVEY
FAP 407 (IL 336)
N 06°12'35" W

W LINE, NE 1/4, SEC 33

1/4, 1/4, SEC LINE

4AEC010 & TE
DANIEL LEE NUDD
& KAREN E. NUDD

1006+32.37
4.35' N
CENTER SECTION 33
FOUND IRON ROD
DOC. #05-2823

PLAT J-246
DOC. NO. 86-4490

4AEC011 & TE
ALLEN R. BLACK

℄ PROPOSED
N 1250th ROAD
S 87°58'26" E

1009+50.00
275.00'

628+19.44
160.00'

628+50.00
150.00'

628+50.00
350.00'

627+00.00
150.00'

POND

626+36.71
160.00'

1016+50.00
120.00'

1017+50.00
160.00'

1017+50.00
85.71'

1018+25.00
60.00'

1018+50.00
115.00'

1018+80.00
115.00'

1019+00.00
60.00'

1020+03.50
34.12'

PI 1020+20.00

1005+30.00
40.00'

1005+00.00
40.00'

1004+50.00
28.13'

1008+00.00
100.00'

1006+50.00
40.00'

179°36'43"

1005

1010

1015

1020

179°16'08"

NORTHWEST CORNER OF THE SOUTHWEST QUARTER DOC. #2011-72

S LINE, NE 1/4, SEC 33

NORTHEAST CORNER OF THE SOUTHEAST QUARTER FOUND STONE DOC. #2010-4574

1004+50.00
31.87'

1005+00.00
40.00'

PI 1005+30.00

1005+30.00
40.00'

1006+00.00
40.00'

1006+25.00
50.00'

1007+00.00
50.00'

624+55.89
420.00'

81°45'51"

N LINE, SE 1/4, SEC 33

1018+64.98
78.57'

1019+00.00
50.00'

1019+02.95
140.00'

1020+25.00
25.86'

4AEC007
RANDY DOWNEY &
PAMELA DOWNEY

1010+87.86
205.00'

POND

PLAT RECORDED IN
BOOK H, PAGE 551

622+86.67
170.00'

1016+90.00
205.00'

1016+90.00
265.00'

4AEC008
JERRY LAINE RABY
& SHELLEY L. RABY

TRACT 1
TRACT 2
TRACT 3
TRACT 4

1018+75.00
290.00'

PLAT K-140
DOC. NO. 95-3909

4AEC009 & TE
EDWIN C. FRANKS &
EVELYN C. FRANKS

621+16.93
44.43'

621+43.92
251.39'

621+29.65
141.97'

620+00.00
120.00'

620+55.00
137.00'

620+25.00
400.00'

620+00.00
133.33'

4AEC006 & TE
ROBERT V. NELSON, II
& TERI L. NELSON

W LINE, SE 1/4, SEC 33

SOUTHEAST CORNER OF THE SOUTHWEST QUARTER FOUND IRON ROD DOC. #06-5777

FAP 407 (IL 336) STA 625+18.41 =
N 1250th ROAD STA 1012+86.98

LEGEND

- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- AC — EXISTING RIGHT OF WAY & ACCESS CONTROL LINE
- AC — EXISTING ACCESS CONTROL LINE
- PROPOSED RIGHT OF WAY LINE
- AC — PROPOSED RIGHT OF WAY & ACCESS CONTROL LINE
- AC — ACCESS CONTROL LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- P — PROPERTY LINE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

	PROJECT	JOB NO.
SCALE: 1" = 100'	SHEET NO. OF SHEETS	STA. 1004+50.00 TO STA. 1020+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	24
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SEC 33, T 6 N, R 3 W, 4th PM

LIMITS OF CONSTRUCTION
3 EASTERN WHITE PINE
5 EASTERN WHITE PINE
PROPOSED A.C. LINE
PROPOSED TEMPORARY EASEMENT LINE
CL SURVEY & CONSTRUCTION 1250N (ADAMS ST)
PROPOSED R.O.W. LINE
3 EASTERN REDBUD
PROPOSED TEMPORARY EASEMENT LINE
1005+00
1010+00
1015+00
1020+00
3 WASHINGTON HAWTHORN
PROPOSED TEMPORARY EASEMENT LINE
3 RED MAPLE
PROPOSED R.O.W. LINE
LIMITS OF CONSTRUCTION
2 BALD CYPRESS
4 EASTERN WHITE PINE
PROPOSED TEMPORARY EASEMENT LINE
3 EASTERN WHITE PINE
5 RED MAPLE
PROPOSED TEMPORARY EASEMENT LINE
PROPOSED A.C. LINE
5 EASTERN WHITE PINE
PROPOSED R.O.W. LINE
2 BALD CYPRESS
LIMITS OF CONSTRUCTION
RIPRAP SLOPE PROTECTION SEE SPECIAL DETAILS
CL SURVEY AND CONSTRUCTION FAP ROUTE 407 (IL RTE 336)
PROPOSED R.O.W. LINE
PROPOSED TEMPORARY EASEMENT LINE
AC
620+00
625+00

PROPOSED R.O.W. LINE
LIMITS OF CONSTRUCTION
PROPOSED TEMPORARY EASEMENT LINE

GENERAL NOTES

1. THE LOCATIONS OF ALL PLANTS SHOWN ON THE PLANS ARE APPROXIMATE. THE DISTRICT LANDSCAPE ARCHITECT AND THE DEPARTMENT SHALL HAVE THE RIGHT TO ADJUST THE LOCATION OF PLANTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED THE CONTRACTOR FOR CONFORMING WITH THIS PROVISION.
2. THE CONSTRUCTION LIMITS SHOWN ON THE PLANS ARE FOR THE GRADING AND PAVING OF THE VARIOUS CONSTRUCTION SECTIONS AND SHALL NOT BE CONSTRUED TO BE THE LIMITS FOR THE LANDSCAPING ON THIS PROJECT.
3. MINIMUM SPACINGS:

WASHINGTON HAWTHORN	25'
BALD CYPRESS	25'
EASTERN REDBUD	30'
RED MAPLE	40'
EASTERN WHITE PINE	40'

N

50 0 50 100 150 200 250
SCALE IN FEET

SUMMARY OF QUANTITIES

PAY CODE ITEM	ITEM	UNIT	TOTAL
A2001020	TREE, ACER REBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	8
A2007620	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4
B2001166	TREE, CERCIS CANADENSIS (EASTERN REDBUD), 6" HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	3
B2001966	TREE, CRATAEGUS PHAENOPYRUM (WASHINGTON HAWTHORN), 6" HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	3
D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6" HEIGHT, BALLED AND BURLAPPED	EACH	20

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

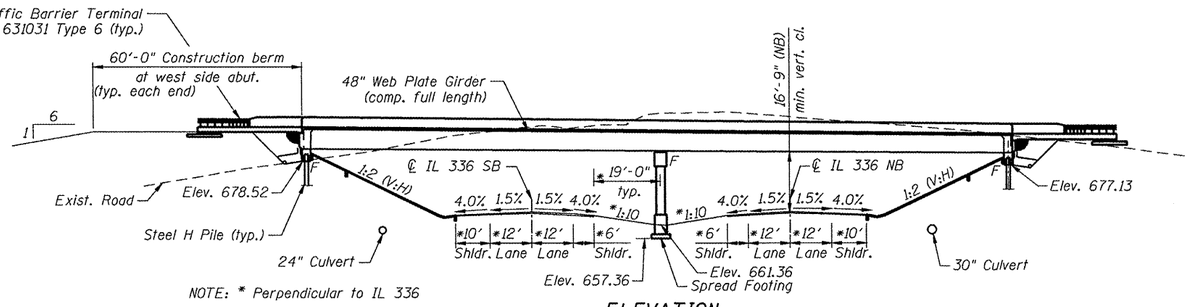
TR 1250N (WEST ADAMS STREET EXTENSION)
LANDSCAPING PLAN

SCALE: 1"=50' | SHEET NO. 1 OF 1 SHEETS | STA. 1004+70.00 TO STA. 1020+00.00

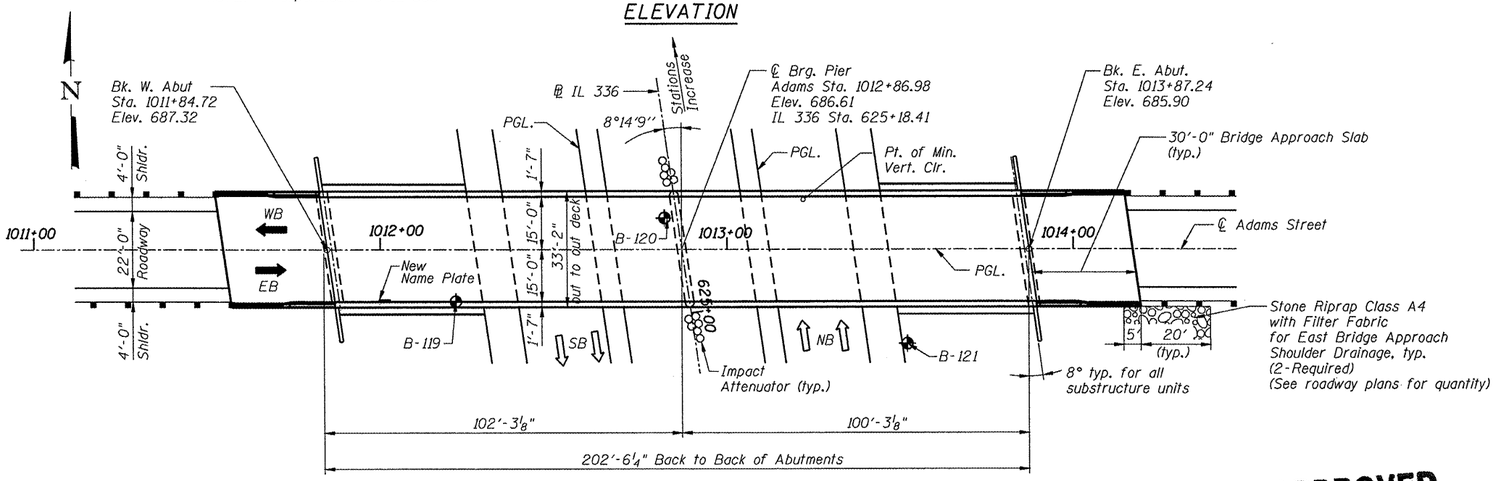
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	25
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

Bench Mark: BM HEI 14: RR Spike in a power pole on the north side of 1250N (Adams St.), located 30' LT of Sta. 1005+48, Elevation 693.68.

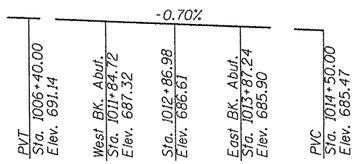
Existing Roadway to be closed. No Existing Structure



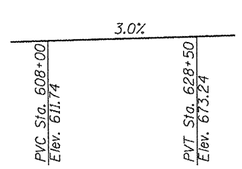
ELEVATION



PLAN



PROFILE GRADE ADAMS STREET



PROFILE GRADE IL 336

STATION 1012+86.98
BUILT 20XX BY
STATE OF ILLINOIS
F.A.P. 407 SECTION 55-3HB-1
LOADING HL 93
STR. NO. 055-0067

NAME PLATE

See Std. 515001

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (Sd1) = 0.08g
Design Spectral Acceleration at 0.2 sec. (Sds) = 0.13g
Soil Site Class = C

LOADING HL 93

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2010 AASHTO LRFD Bridge Design Specifications
5th Edition with 2010 Interims

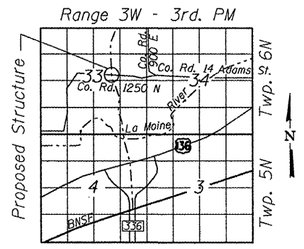
DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)
fy = 36,000 psi (M270 Grade 36)

APPROVED
For Structural Adequacy Only
Engineer of Bridges & Structures

12-2-2011
LICENSED STRUCTURAL ENGINEER
ORVIN P. YOUNGQUIST
081-004892
STATE OF ILLINOIS
expires 11-30-2012



LOCATION SKETCH

GENERAL PLAN
TWP. RD. 1250 N (ADAMS STREET) OVER
FAP 407 (ILLINOIS 336)-SECTION 55-3HB-1
McDONOUGH COUNTY
STATION 1012+86.98
STRUCTURE NO. 055-0067

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D468418.001_GP&E.dgn		CHECKED - DA	REVISED -
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	PLOT DATE = 12/2/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
STRUCTURE NO. 055-0067
SHEET NO. S01 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	26
		CONTRACT NO. 68A41		
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES:

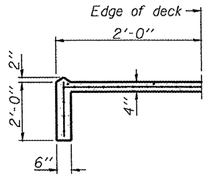
1. Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts. Bolts $\frac{7}{8}$" ϕ, holes $\frac{15}{16}$" ϕ, unless otherwise noted.
2. Calculated weight of Structural Steel = 203242 lbs (AASHTO M270, Grade 50)
   9351 lbs (AASHTO M270, Grade 36)
3. No field welding is permitted except as specified in the contract documents.
4. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60.
5. Reinforcement bars designated (E) shall be epoxy coated.
6. Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ in. (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
7. The Organic Zinc Rich Primer / Epoxy / Urethane Paint system shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final coat for the exterior and bottom flange of the fascia beams shall be blue, Munsell No. 10B 3/6.
8. The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
9. Slipforming of the parapets is not allowed.

INDEX OF SHEETS

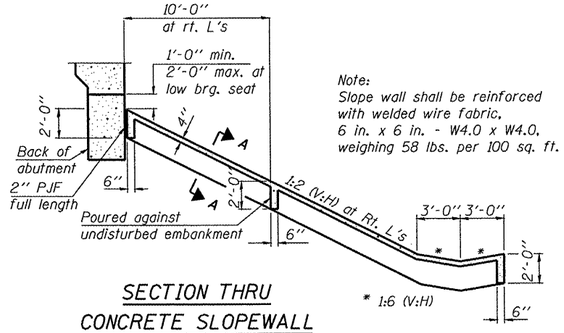
S01	General Plan and Elevation
S02	General Notes and Bill of Material
S03	Top of Slab Elevation Location Plan
S04,S05,S06	Top of Slab Elevations
S07	Top of East Approach Slab Elevations
S08	Top of West Approach Slab Elevations
S09	Superstructure-Plan and Cross Section
S10	Parapet Details
S11	Integral Abutment Diaphragm Details
S12-S13	Bridge Approach Slab Details
S14	Framing Plan
S15-S16	Steel Details
S17	West Abutment Plan and Elevation
S18	East Abutment Plan and Elevation
S19	Pier Details
S20	Bar Splicer Assembly Details
S21	Pile Details
S22	Soil Borings
S23	Soil Borings

TOTAL BILL OF MATERIAL

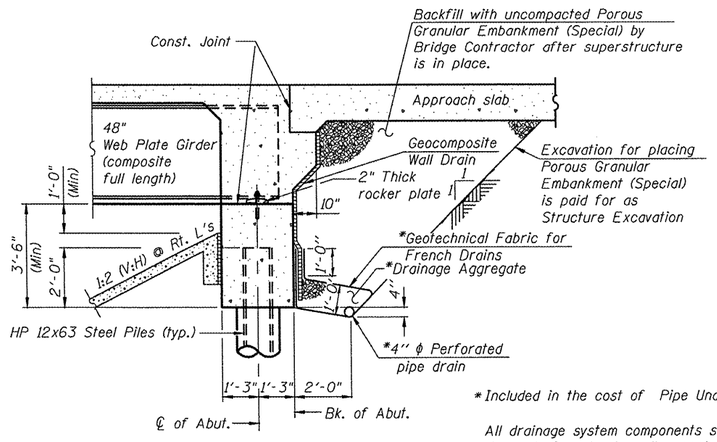
ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment, Special	Cu. Yd.	-	168	168
Protective Coat	Sq. Yd.	1075	-	1075
Structure Excavation	Cu. Yd.	-	460	460
Concrete Structures	Cu. Yd.	-	128	128
Concrete Superstructure	Cu. Yd.	353	-	353
Bridge Deck Grooving	Sq. Yd.	875	-	875
Concrete Encasement	Cu. Yd.	-	4.2	4.2
Furnishing and Erecting Structural Steel	L.S.	1	-	1
Stud Shear Connectors	Each	2430	-	2430
Reinforcement Bars, Epoxy Coated	Pound	90560	24020	114580
Bar Splicers	Each	68	-	68
Slope Wall 4 Inch	Sq. Yd.	-	254	254
Furnishing Steel Piles HP 12x63	Foot	-	445	445
Driving Piles	Foot	-	445	445
Test Pile Steel HP 12x63	Each	-	2	2
Name Plates	Each	1	-	1
Anchor Bolts, 1 "	Each	36	-	36
Geocomposite Wall Drain	Sq. Yd.	-	80	80
Pipe Underdrains for Structures 4"	Foot	-	107	107



SECTION A-A



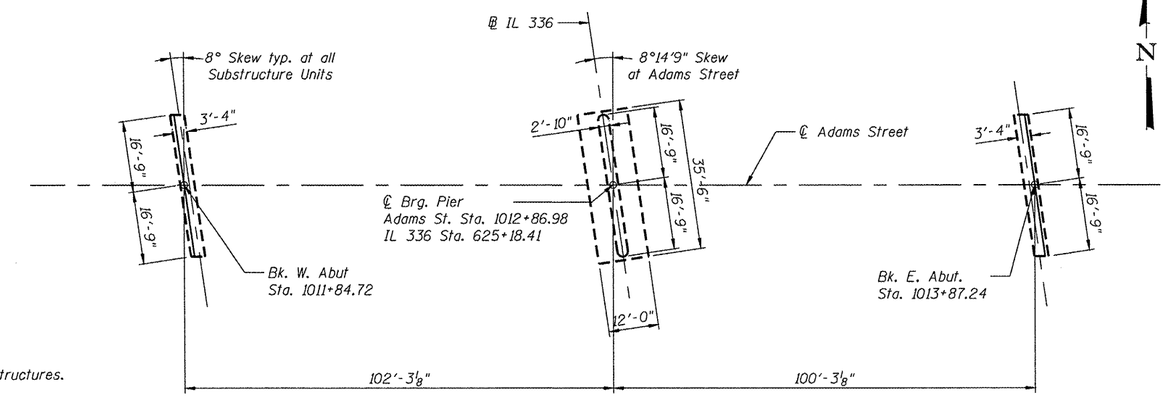
SECTION THRU CONCRETE SLOPEWALL



SECTION THRU ABUTMENT
(Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures.

All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101)



FOOTING LAYOUT
Not to scale

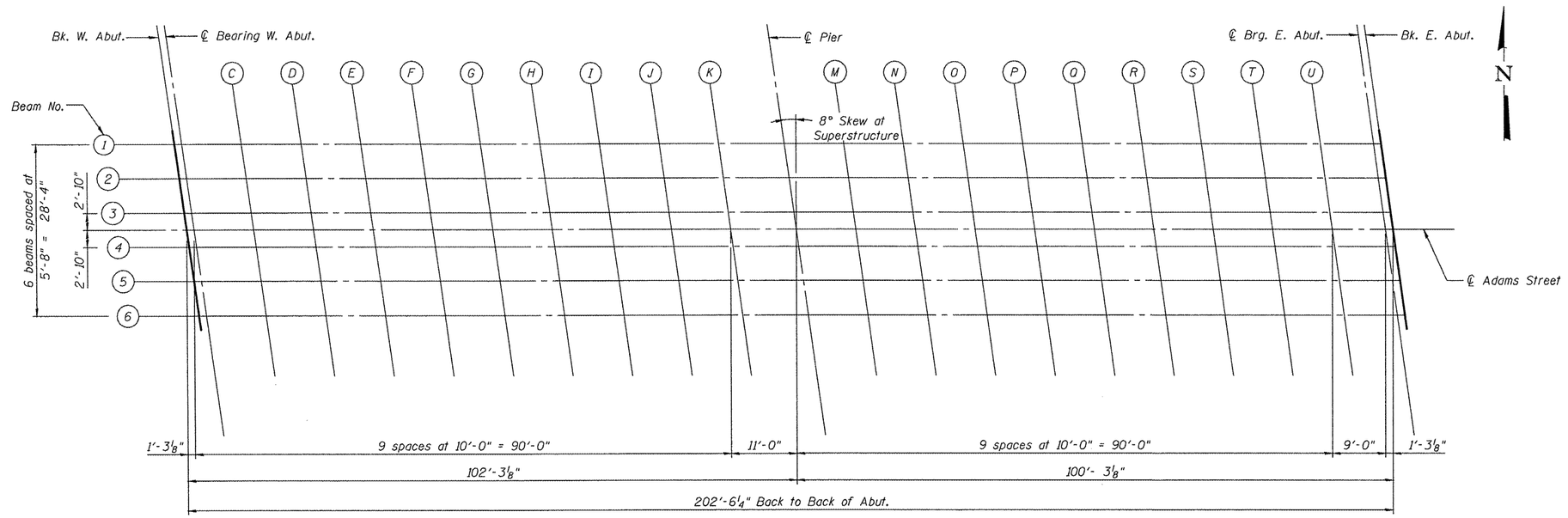
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FILE NAME: 0468418_002_gennote.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -
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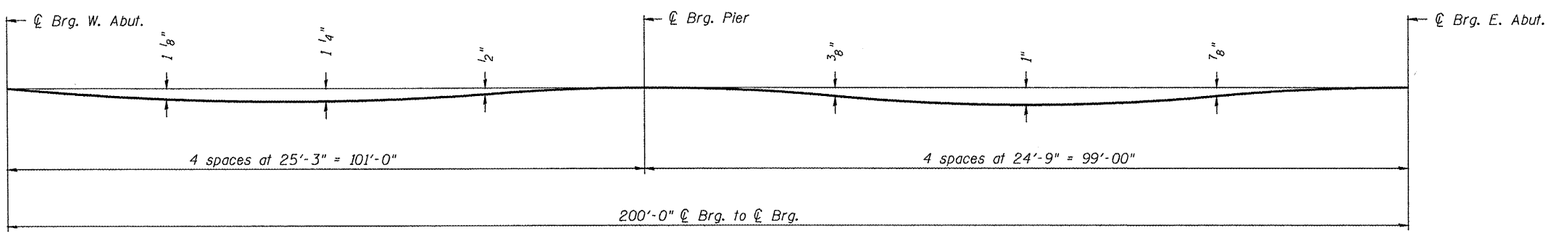
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND BILL OF MATERIAL
STRUCTURE NO.055-0067
SHEET NO. S02 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	27
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



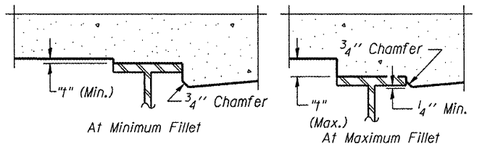
PLAN



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets S04-S06 of S23.



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheets S04 thru S06 of S23. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown on sheets S04 thru S06 of S23, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

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FILE NAME: D468418.003.Top of Slab Elev Locations.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -
		CHECKED - DA	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	DRAWN - CM	REVISED -
	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATION LOCATION PLAN
STRUCTURE NO. 055-0067
SHEET NO. S03 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	28
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1011+82.74	-14.17	687.10	687.10
C/L Brg. W. Abut.	1011+83.99	-14.17	687.09	687.09
C	1011+93.99	-14.17	687.02	687.06
D	1012+03.99	-14.17	686.95	687.02
E	1012+13.99	-14.17	686.88	686.98
F	1012+23.99	-14.17	686.81	686.92
G	1012+33.99	-14.17	686.74	686.84
H	1012+43.99	-14.17	686.67	686.75
I	1012+53.99	-14.17	686.60	686.66
J	1012+63.99	-14.17	686.53	686.56
K	1012+73.99	-14.17	686.46	686.47
C/L Brg. Pier	1012+84.99	-14.17	686.38	686.38
M	1012+94.99	-14.17	686.31	686.32
N	1013+04.99	-14.17	686.24	686.27
O	1013+14.99	-14.17	686.17	686.22
P	1013+24.99	-14.17	686.10	686.17
Q	1013+34.99	-14.17	686.03	686.12
R	1013+44.99	-14.17	685.96	686.05
S	1013+54.99	-14.17	685.89	685.98
T	1013+64.99	-14.17	685.82	685.89
U	1013+74.99	-14.17	685.75	685.79
C/L Brg. E. Abut.	1013+83.99	-14.17	685.69	685.69
Bk. E. Abut.	1013+85.24	-14.17	685.68	685.68

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1011+83.53	-8.50	687.20	687.20
C/L Brg. W. Abut.	1011+84.78	-8.50	687.19	687.19
C	1011+94.78	-8.50	687.12	687.16
D	1012+04.78	-8.50	687.05	687.12
E	1012+14.78	-8.50	686.98	687.08
F	1012+24.78	-8.50	686.91	687.01
G	1012+34.78	-8.50	686.84	686.94
H	1012+44.78	-8.50	686.77	686.85
I	1012+54.78	-8.50	686.70	686.76
J	1012+64.78	-8.50	686.63	686.66
K	1012+74.78	-8.50	686.56	686.57
C/L Brg. Pier	1012+85.78	-8.50	686.48	686.48
M	1012+95.78	-8.50	686.41	686.42
N	1013+05.78	-8.50	686.34	686.37
O	1013+15.78	-8.50	686.27	686.32
P	1013+25.78	-8.50	686.20	686.27
Q	1013+35.78	-8.50	686.13	686.22
R	1013+45.78	-8.50	686.06	686.15
S	1013+55.78	-8.50	685.99	686.08
T	1013+65.78	-8.50	685.92	685.99
U	1013+75.78	-8.50	685.85	685.89
C/L Brg. E. Abut.	1013+84.78	-8.50	685.79	685.79
Bk. E. Abut.	1013+86.03	-8.50	685.78	685.78

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1011+84.34	-2.83	687.29	687.29
C/L Brg. W. Abut.	1011+85.59	-2.83	687.28	687.28
C	1011+95.59	-2.83	687.21	687.25
D	1012+05.59	-2.83	687.14	687.21
E	1012+15.59	-2.83	687.07	687.17
F	1012+25.59	-2.83	687.00	687.10
G	1012+35.59	-2.83	686.93	687.03
H	1012+45.59	-2.83	686.86	686.94
I	1012+55.59	-2.83	686.79	686.85
J	1012+65.59	-2.83	686.72	686.75
K	1012+75.59	-2.83	686.65	686.66
C/L Brg. Pier	1012+86.59	-2.83	686.57	686.57
M	1012+96.59	-2.83	686.50	686.51
N	1013+06.59	-2.83	686.43	686.46
O	1013+16.59	-2.83	686.36	686.41
P	1013+26.59	-2.83	686.29	686.36
Q	1013+36.59	-2.83	686.22	686.31
R	1013+46.59	-2.83	686.15	686.24
S	1013+56.59	-2.83	686.08	686.17
T	1013+66.59	-2.83	686.01	686.08
U	1013+76.59	-2.83	685.94	685.98
C/L Brg. E. Abut.	1013+85.59	-2.83	685.88	685.88
Bk. E. Abut.	1013+86.84	-2.83	685.87	685.87

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E-S

7-1-10

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	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 055-0067
SHEET NO. S04 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	29
		CONTRACT NO. 68A41		
	ILLINOIS	FED. AID PROJECT		

℄ ADAMS STREET

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1011+84.72	0.00	687.32	687.32
C/L Brg. W. Abut.	1011+85.97	0.00	687.31	687.31
C	1011+95.97	0.00	687.24	687.20
D	1012+05.97	0.00	687.17	687.10
E	1012+15.97	0.00	687.10	687.00
F	1012+25.97	0.00	687.03	686.93
G	1012+35.97	0.00	686.96	686.86
H	1012+45.97	0.00	686.89	686.81
I	1012+55.97	0.00	686.82	686.76
J	1012+65.97	0.00	686.75	686.72
K	1012+75.97	0.00	686.68	686.67
C/L Brg. Pier	1012+86.98	0.00	686.61	686.61
M	1012+96.98	0.00	686.54	686.53
N	1013+06.98	0.00	686.47	686.44
O	1013+16.98	0.00	686.40	686.35
P	1013+26.98	0.00	686.33	686.26
Q	1013+36.98	0.00	686.26	686.17
R	1013+46.98	0.00	686.19	686.10
S	1013+56.98	0.00	686.12	686.03
T	1013+66.98	0.00	686.05	685.98
U	1013+76.98	0.00	685.98	685.94
C/L Brg. E. Abut.	1013+85.99	0.00	685.91	685.91
Bk. E. Abut.	1013+87.24	0.00	685.90	685.90

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1011+85.13	2.83	687.28	687.28
C/L Brg. W. Abut.	1011+86.38	2.83	687.27	687.27
C	1011+96.38	2.83	687.20	687.24
D	1012+06.38	2.83	687.13	687.21
E	1012+16.38	2.83	687.06	687.16
F	1012+26.38	2.83	686.99	687.17
G	1012+36.38	2.83	686.92	687.09
H	1012+46.38	2.83	686.85	687.01
I	1012+56.38	2.83	686.78	686.91
J	1012+66.38	2.83	686.71	686.82
K	1012+76.38	2.83	686.64	686.72
C/L Brg. Pier	1012+87.38	2.83	686.57	686.57
M	1012+97.38	2.83	686.50	686.50
N	1013+07.38	2.83	686.43	686.45
O	1013+17.38	2.83	686.36	686.40
P	1013+27.38	2.83	686.29	686.36
Q	1013+37.38	2.83	686.22	686.30
R	1013+47.38	2.83	686.15	686.24
S	1013+57.38	2.83	686.08	686.16
T	1013+67.38	2.83	686.01	686.07
U	1013+77.38	2.83	685.94	685.97
C/L Brg. E. Abut.	1013+86.38	2.83	685.87	685.87
Bk. E. Abut.	1113+87.63	2.83	685.86	685.86

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1011+85.92	8.50	687.18	687.18
C/L Brg. W. Abut.	1011+87.17	8.50	687.17	687.17
C	1011+97.17	8.50	687.10	687.14
D	1012+07.17	8.50	687.03	687.11
E	1012+17.17	8.50	686.96	687.06
F	1012+27.17	8.50	686.89	687.00
G	1012+37.17	8.50	686.82	686.92
H	1012+47.17	8.50	686.75	686.83
I	1012+57.17	8.50	686.68	686.74
J	1012+67.17	8.50	686.61	686.64
K	1012+77.17	8.50	686.54	686.55
C/L Brg. Pier	1012+88.17	8.50	686.46	686.46
M	1012+98.17	8.50	686.39	686.40
N	1013+08.17	8.50	686.32	686.35
O	1013+18.17	8.50	686.25	686.30
P	1013+28.17	8.50	686.18	686.25
Q	1013+38.17	8.50	686.11	686.20
R	1013+48.17	8.50	686.04	686.14
S	1013+58.17	8.50	685.97	686.06
T	1013+68.17	8.50	685.90	685.97
U	1013+78.17	8.50	685.83	685.87
C/L Brg. E. Abut.	1013+87.17	8.50	685.77	685.77
Bk. E. Abut.	1013+88.42	8.50	685.76	685.76

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E-S

7-1-10

FILE NAME: D468418.005_TOS Beams.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -
		CHECKED - DA	REVISED -
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	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 055-0067
SHEET NO. 505 OF 523 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	30
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	1011+86.73	14.17	687.07	687.07
C/L Brg. W. Abut.	1011+87.98	14.17	687.05	687.05
C	1011+97.98	14.17	686.99	687.03
D	1012+07.98	14.17	686.92	687.00
E	1012+17.98	14.17	686.85	686.95
F	1012+27.98	14.17	686.78	686.89
G	1012+37.98	14.17	686.71	686.81
H	1012+47.98	14.17	686.64	686.72
I	1012+57.98	14.17	686.57	686.63
J	1012+67.98	14.17	686.50	686.53
K	1012+77.98	14.17	686.43	686.44
C/L Brg. Pier	1012+88.98	14.17	686.35	686.35
M	1012+98.98	14.17	686.28	686.29
N	1013+08.98	14.17	686.21	686.24
O	1013+18.98	14.17	686.14	686.19
P	1013+28.98	14.17	686.07	686.14
Q	1013+38.98	14.17	686.00	686.09
R	1013+48.98	14.17	685.93	686.03
S	1013+58.98	14.17	685.86	685.95
T	1013+68.98	14.17	685.79	685.86
U	1013+78.98	14.17	685.72	685.76
C/L Brg. E. Abut.	1013+87.98	14.17	685.66	685.66
Bk. E. Abut.	1013+89.23	14.17	685.65	685.65

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E-S 7-1-10

FILE NAME: D468418.006_TOS Beams.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -
		CHECKED - DA	REVISED -
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	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 055-0067
SHEET NO. S06 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	31
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

NORTH EDGE OF SHOULDER

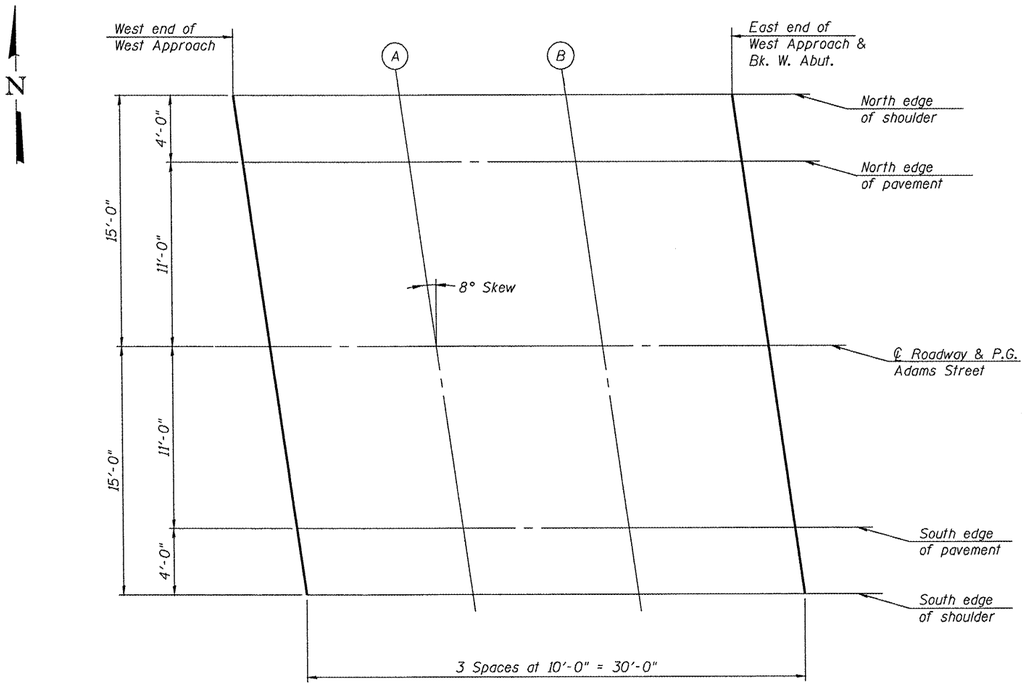
Location	Station	Offset	Theoretical Grade Elevations
West End W. Appr.	1011+52.61	-15.00	687.17
A	1011+62.61	-15.00	687.14
B	1011+72.61	-15.00	687.12
Bk. W. Abut.	1011+82.61	-15.00	687.09

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
West End W. Appr.	1011+53.18	-11.00	687.33
A	1011+63.18	-11.00	687.28
B	1011+73.18	-11.00	687.22
Bk. W. Abut.	1011+83.18	-11.00	687.17

℄ ROADWAY (ADAMS STREET)

Location	Station	Offset	Theoretical Grade Elevations
West End W. Appr.	1011+54.72	0.00	687.55
A	1011+64.72	0.00	687.48
B	1011+74.72	0.00	687.41
Bk. W. Abut.	1011+84.72	0.00	687.34



PLAN

SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
West End W. Appr.	1011+56.27	11.00	687.31
A	1011+66.27	11.00	687.26
B	1011+76.27	11.00	687.20
Bk. W. Abut.	1011+86.27	11.00	687.15

SOUTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
West End W. Appr.	1011+56.83	15.00	687.14
A	1011+66.83	15.00	687.11
B	1011+76.83	15.00	687.09
Bk. W. Abut.	1011+86.83	15.00	687.06

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FILE NAME: D468418.007_TOS Approach Slab West.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TOP OF WEST APPROACH SLAB ELEVATIONS STRUCTURE NO. 055-0067	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - DA	REVISED -			407	55-3HB-1	McDONOUGH	103	32
	PLOT SCALE = 0.2.0000 '/ / IN.	DRAWN - CM	REVISED -					CONTRACT NO. 68A41		
	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -		SHEET NO. 507 OF 523 SHEETS		ILLINOIS FED. AID PROJECT			

NORTH EDGE OF SHOULDER

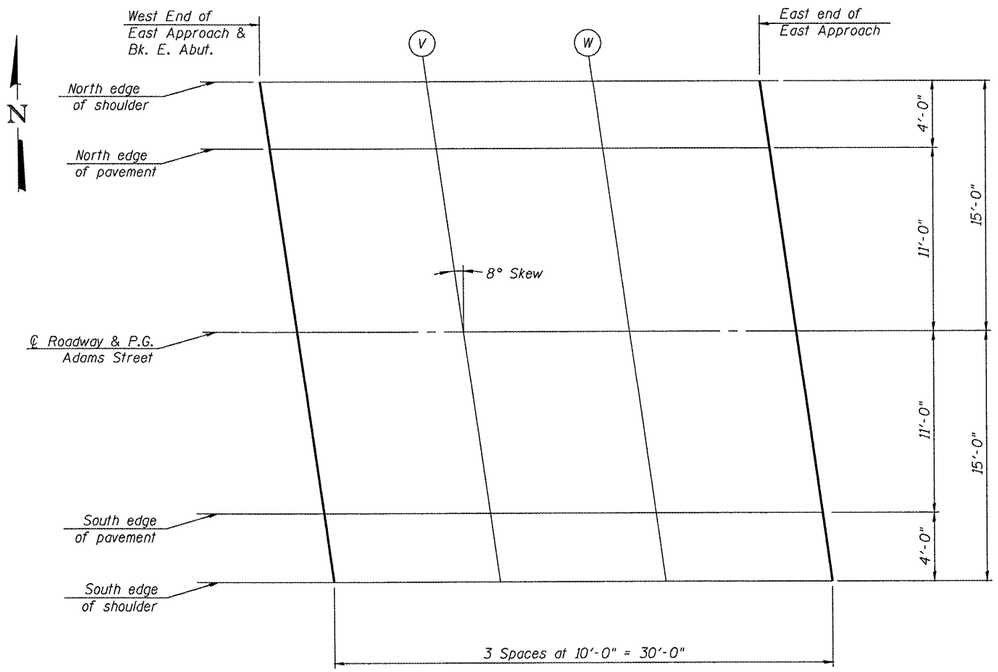
Location	Station	Offset	Theoretical Grade Elevations
Bk. E. Abut.	1013+85.11	-15.00	685.67
V	1013+95.11	-15.00	685.56
W	1014+05.11	-15.00	685.44
East End E. Appr.	1014+15.11	-15.00	685.33

NORTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
Bk. E. Abut.	1013+85.68	-11.00	685.75
V	1013+95.68	-11.00	685.66
W	1014+05.68	-11.00	685.58
East End E. Appr.	1014+15.68	-11.00	685.49

℄ ROADWAY (ADAMS STREET)

Location	Station	Offset	Theoretical Grade Elevations
Bk. E. Abut.	1013+87.22	0.00	685.91
V	1013+97.22	0.00	685.84
W	1014+07.22	0.00	685.77
East End E. Appr.	1014+17.22	0.00	685.70



PLAN

SOUTH EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
Bk. E. Abut.	1013+88.77	11.00	685.73
V	1013+98.77	11.00	685.64
W	1014+08.77	11.00	685.56
East End E. Appr.	1014+18.77	11.00	685.47

SOUTH EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
Bk. E. Abut.	1013+89.33	15.00	685.64
V	1013+99.33	15.00	685.53
W	1014+09.33	15.00	685.41
East End E. Appr.	1014+19.33	15.00	685.30

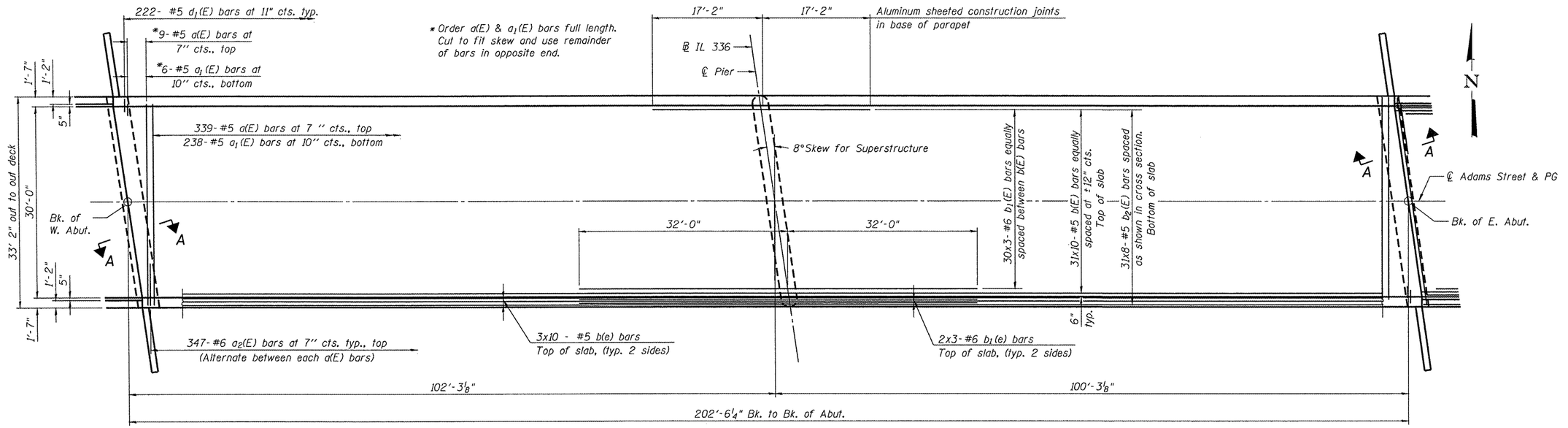
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FILE NAME: D468418.008.TOS Approach Slab EAST.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -
		CHECKED - DA	REVISED -
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	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

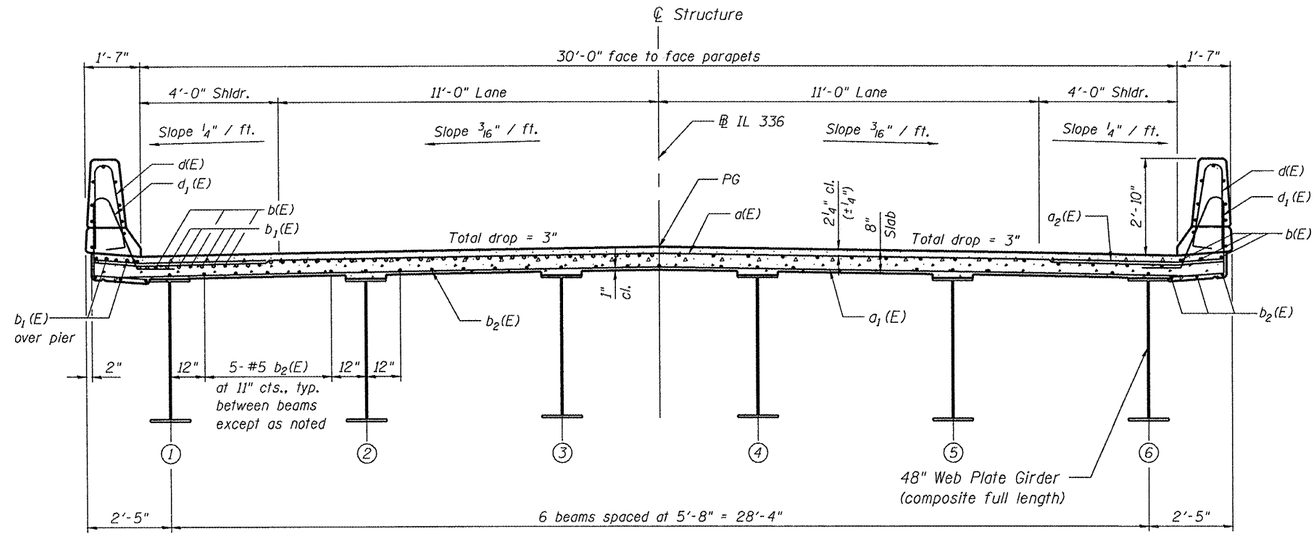
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF EAST APPROACH SLAB ELEVATIONS
STRUCTURE NO. 055-0067
SHEET NO. 508 OF 523 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	33
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



PLAN



NEAR PIER

CROSS SECTION
(Looking East)

NEAR MIDSPAN

MINIMUM BAR LAP

(Slab)
#5 bar = 2'-7"
#6 bar = 3'-1"
#8 bar = 5'-5"

Notes:
See Sheet S11 of S23 for Section A-A.
See Sheet S10 of S23 for parapet reinforcement details.
Bars indicated thus 40x8- #5 etc. indicates 40 lines of bars with 8 lengths per line.
See Sheet S10 of S23 for superstructure details and Bill of Material.

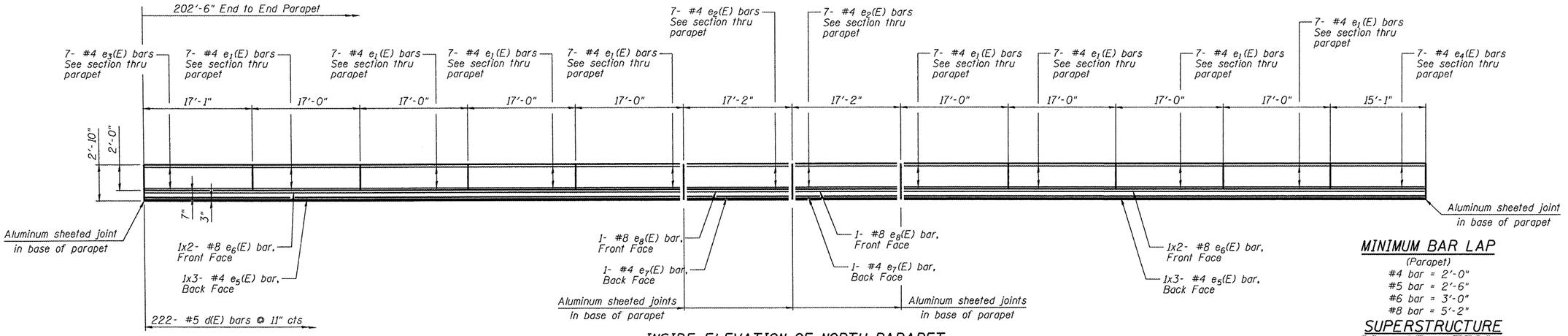
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D468418_009_super.dgn		CHECKED - DA	REVISED -
	PLOT SCALE = 16.00 ' / IN.	DRAWN - CM	REVISED -
	PLOT DATE = 12/1/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE – PLAN AND CROSS SECTION
STRUCTURE NO. 055-0067
SHEET NO. S09 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	34
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



INSIDE ELEVATION OF NORTH PARAPET

(South Parapet Similar)

MINIMUM BAR LAP

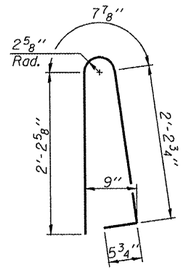
(Parapet)

#4 bar = 2'-0"
#5 bar = 2'-6"
#6 bar = 3'-0"
#8 bar = 5'-2"

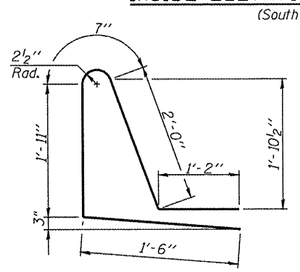
SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	348	#5	32'-6"	
d_1(E)	244	#5	32'-0"	
d_2(E)	694	#6	6'-6"	
b(E)	370	#5	22'-6"	
b_1(E)	102	#6	23'-6"	
b_2(E)	248	#5	27'-6"	
d(E)	444	#5	5'-7"	
d_1(E)	444	#5	7'-2"	
e_1(E)	56	#4	16'-8"	
e_2(E)	28	#4	16'-10"	
e_3(E)	14	#4	16'-9"	
e_4(E)	14	#4	14'-9"	
e_5(E)	12	#4	30'-0"	
e_6(E)	8	#8	44'-3"	
e_7(E)	4	#4	16'-10"	
e_8(E)	4	#8	16'-10"	
m(E)	10	#6	32'-10"	
m_1(E)	8	#6	6'-5"	
m_2(E)	16	#6	8'-8"	
m_3(E)	4	#6	1'-11"	
m_4(E)	10	#6	5'-4"	
s(E)	72	#5	6'-10"	
s_1(E)	72	#4	12'-2"	
v(E)	72	#5	3'-9"	
Reinforcement Bars, Epoxy Coated		Pound	58150	
Concrete Superstructure		Cu. Yd.	254	
Bridge Deck Grooving		Sq. Yd.	675	

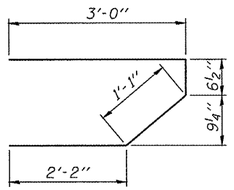
Bars indicated thus 1 x 3 - #5 etc. indicates 1 line of bars with 3 lengths per line.



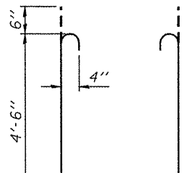
BAR d(E)



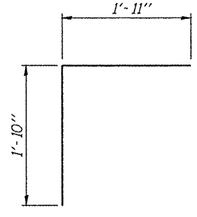
BAR d_1(E)



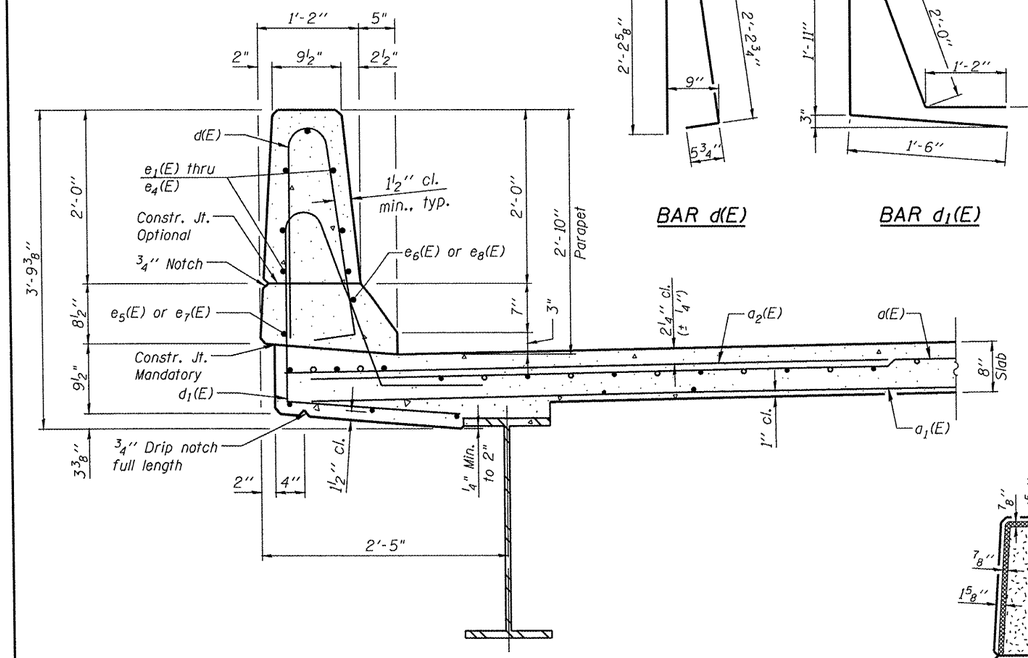
BAR s(E)



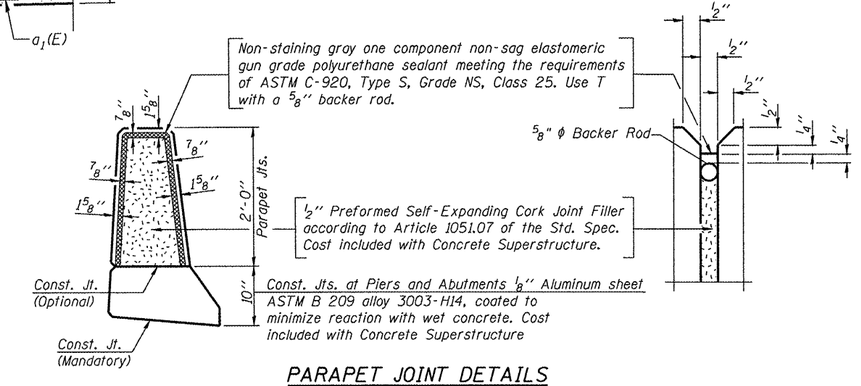
BAR s_1(E)



BAR v(E)



SECTION THRU PARAPET



PARAPET JOINT DETAILS

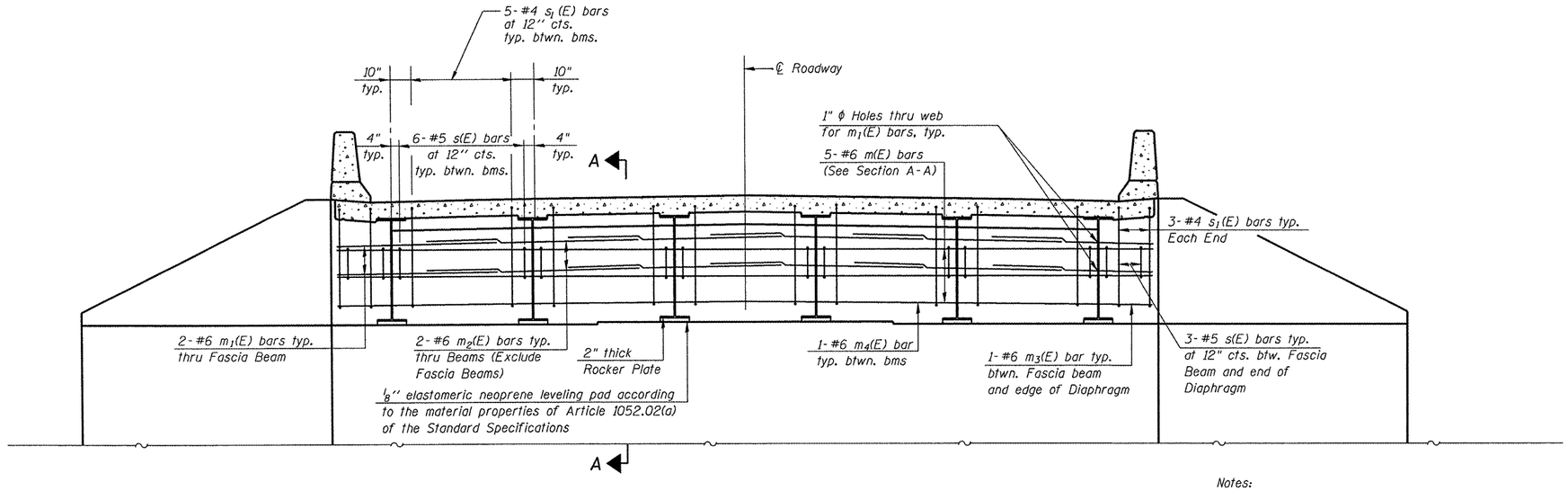
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FILE NAME	USER NAME = TERRA	DESIGNED - OY	REVISED -
0468418.010.Parapet details.dgn		CHECKED - DA	REVISED -
	PLOT SCALE = 16.0.0 '/ IN.	DRAWN - CM	REVISED -
	PLOT DATE = 12/1/2011	CHECKED - JB	REVISED -

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DEPARTMENT OF TRANSPORTATION

PARAPET DETAILS
STRUCTURE NO. 055-0067
SHEET NO. S10 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	35
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			



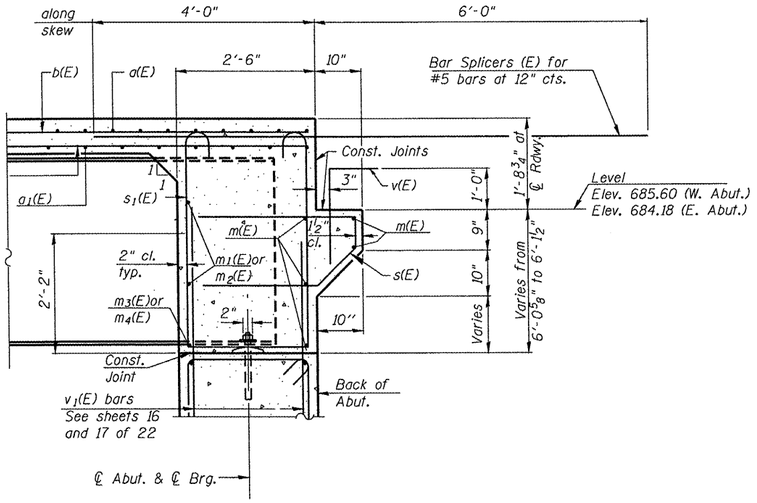
DIAPHRAGM ELEVATION AT ABUTMENT

(East Diaphragm shown, looking East, West diaphragm similar)

Notes:
Reinforcement bars in diaphragm are billed with superstructure on sheet S10 of S23.
Concrete in diaphragm is included with Concrete Superstructure on sheet S10 of S23.
For details of bars s(E) & s_1(E) see sheet S10 of S23.
The s(E) and s_1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

MIN. BAR LAP

#6 bar = 3'-1"



SECTION A-A

Dimensions at right angles to abutment, except as shown.

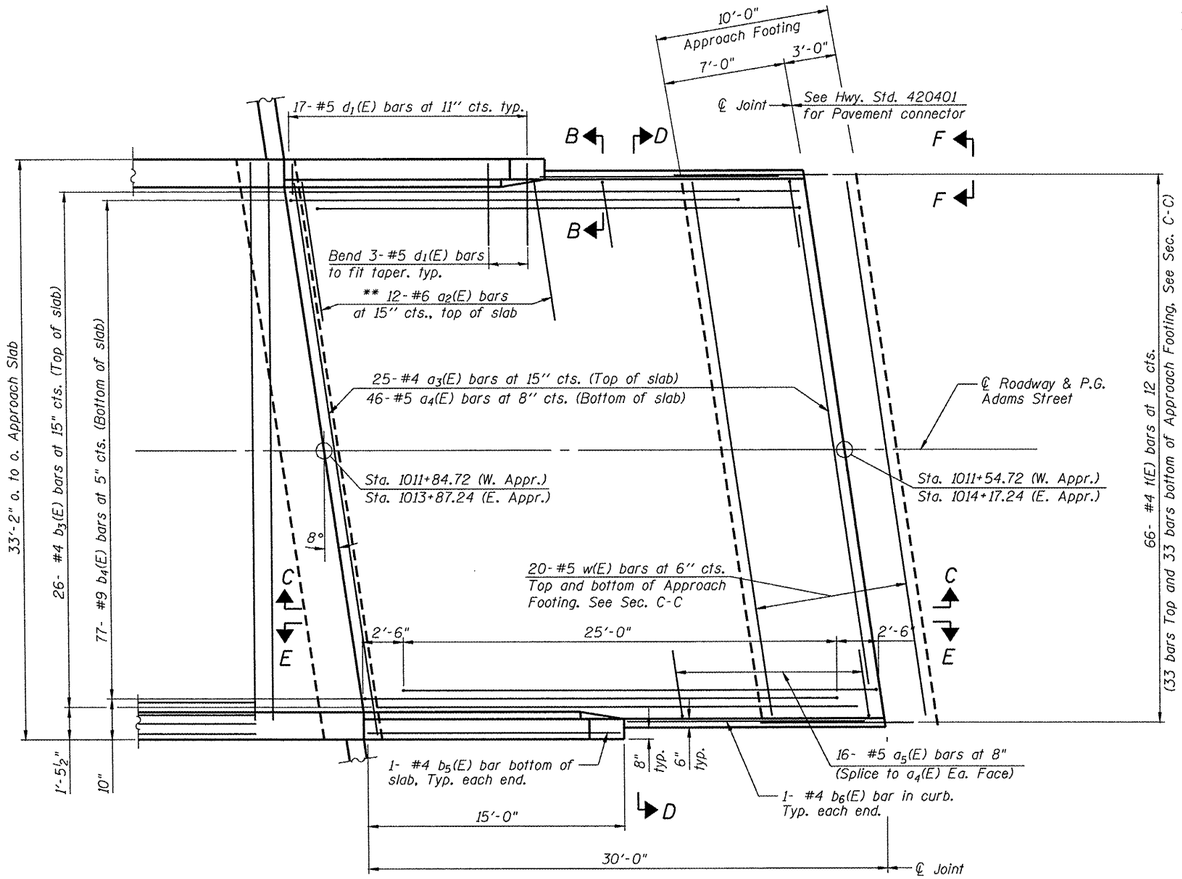
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FILE NAME: D468418_011_Diaphragm.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -
		CHECKED - DA	REVISED -
	PLOT SCALE = 5ø '' / IN.	DRAWN - CM	REVISED -
	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

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DEPARTMENT OF TRANSPORTATION

INTEGRAL ABUTMENT DIAPHRAGM DETAILS
STRUCTURE NO. 055-0067
SHEET NO. S11 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	36
		CONTRACT NO. 68A41		
	ILLINOIS	FED. AID PROJECT		

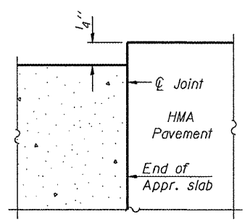


PLAN

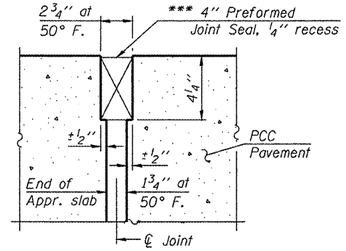
(East approach shown, West approach similar)
* Tilt #9 b_4(E) bars as required to maintain clearance.
** Space between a_3(E) bars, typ. each parapet.

Notes:
1. See sheet S13 of S23 for Sections C-C & D-D and View E-E.
2. a_3(E) thru a_4(E) bar spacings measured along ℄ Rdwy.

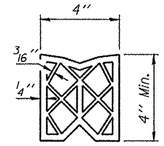
*** Cost included with Concrete Superstructure.



FLEXIBLE PAVEMENT

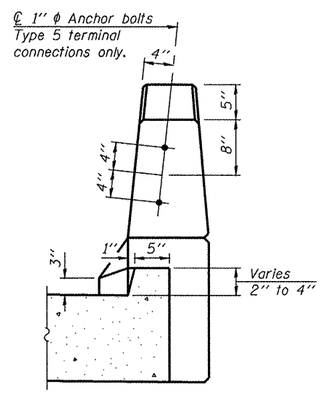


RIGID PAVEMENT

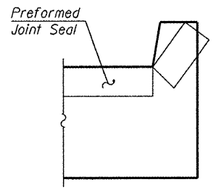


PREFORMED JOINT SEAL

DETAIL A



VIEW B-B



VIEW F-F

Angle Preformed Joint Seal at 45° at curbs when req'd for drainage.

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BA-R 7-1-10

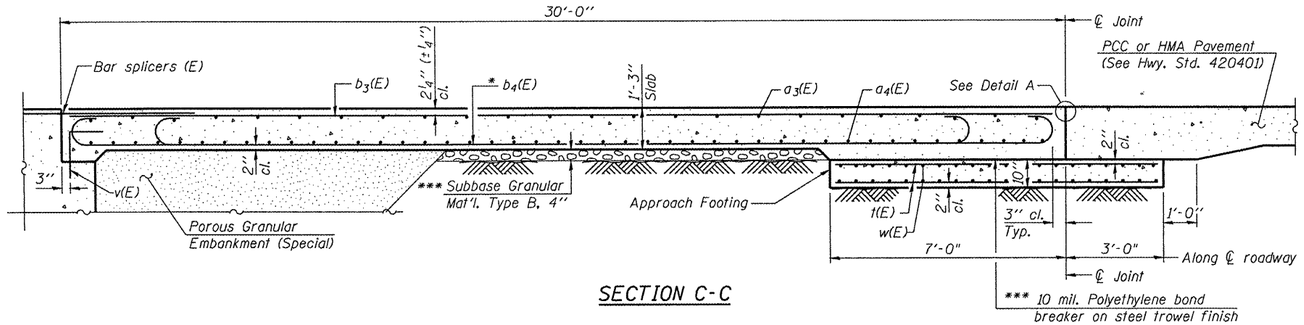
(Sheet 1 of 2)

FILE NAME	USER NAME = TERRA	DESIGNED - OY	REVISED -
D468418_012_Appr_Slab.dgn		CHECKED - DA	REVISED -
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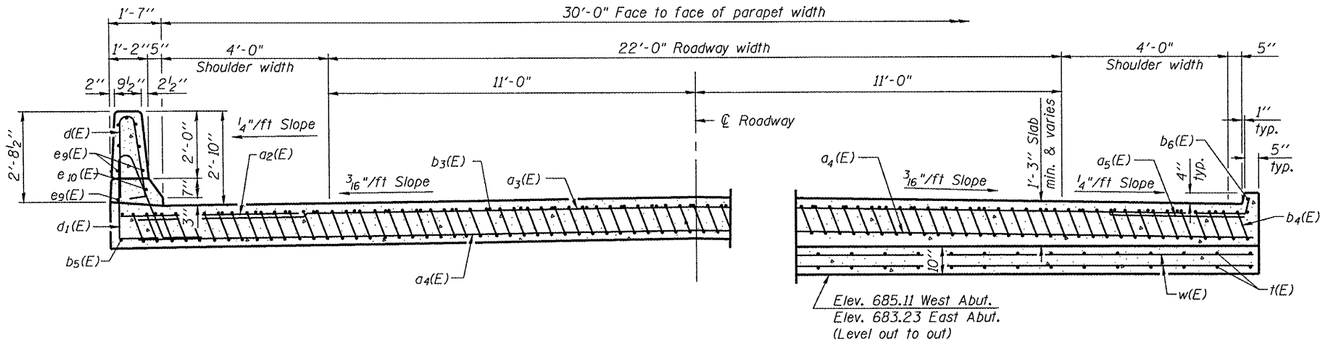
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 055-0067
SHEET NO. S12 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	37
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



SECTION C-C

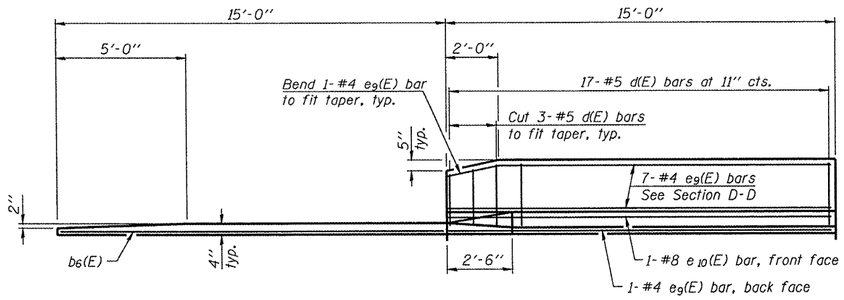


NEAR ABUTMENT

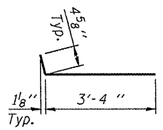
SECTION D-D

(See Plan for dimensions not shown)

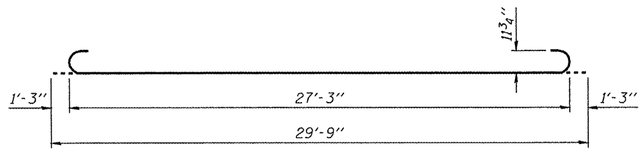
AT APPROACH FOOTING



VIEW E-E



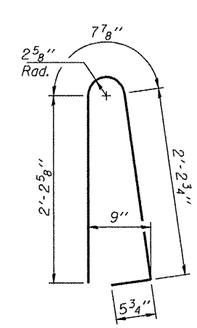
BAR a5(E)



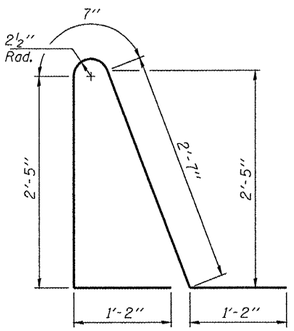
BAR b4(E)

Notes:

See sheet S12 of S23 for Detail A and View B-B.
Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
Approach footing concrete shall be paid for as Concrete Structures.
Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
For v(E) bar details, see sheet S10 of S23.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
For bar splicer details, see sheet S20 of S23.
Cost of excavation for approach footing included with Concrete Structures.
For Porous Granular Embankment (Special) and drainage treatment details, see sheet S02 of S23.
For additional parapet details, see sheet S10 of S23.



BAR d(E)



BAR d1(E)

* Tilt #9 b4(E) bars as required to maintain clearance.

*** Cost included with Concrete Superstructure.

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a2(E)	48	#6	6'-6"	
a3(E)	50	#4	31'-6"	
a4(E)	92	#5	31'-0"	
a5(E)	64	#5	3'-9"	
b3(E)	52	#4	29'-8"	
b4(E)	158	#9	29'-9"	
b5(E)	4	#4	14'-8"	
b6(E)	4	#4	14'-4"	
d(E)	68	#5	5'-7"	
d1(E)	68	#5	7'-11"	
e9(E)	32	#4	14'-8"	
e10(E)	4	#8	14'-8"	
t(E)	132	#4	9'-8"	
w(E)	80	#5	30'-6"	
Concrete Superstructure			Cu. Yd.	99
Concrete Structures			Cu. Yd.	21
Reinforcement Bars, Epoxy Coated			Pound	35810
Bridge Deck Grooving			Sq. Yd.	200

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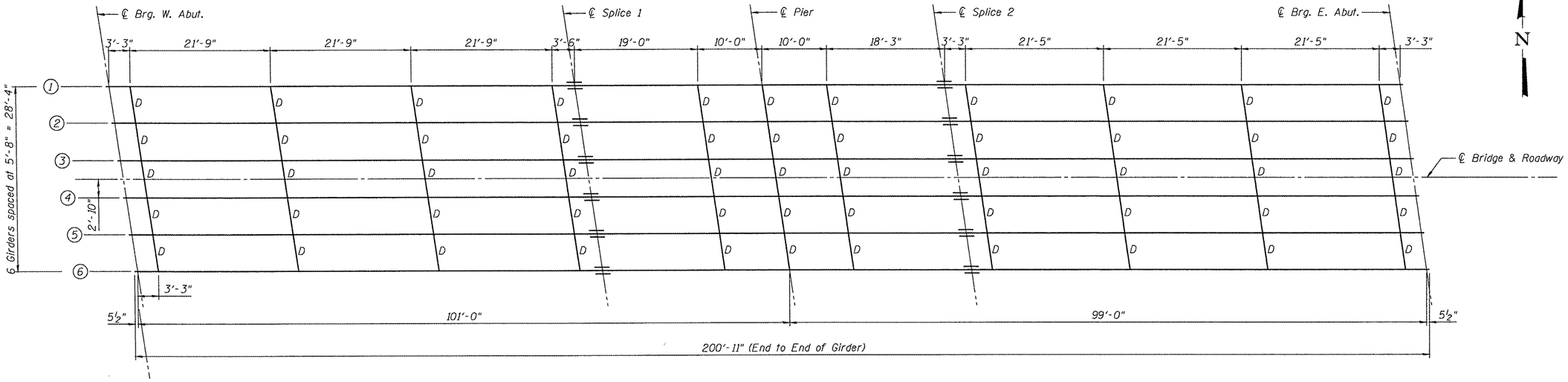
BA-R 7-1-10

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	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

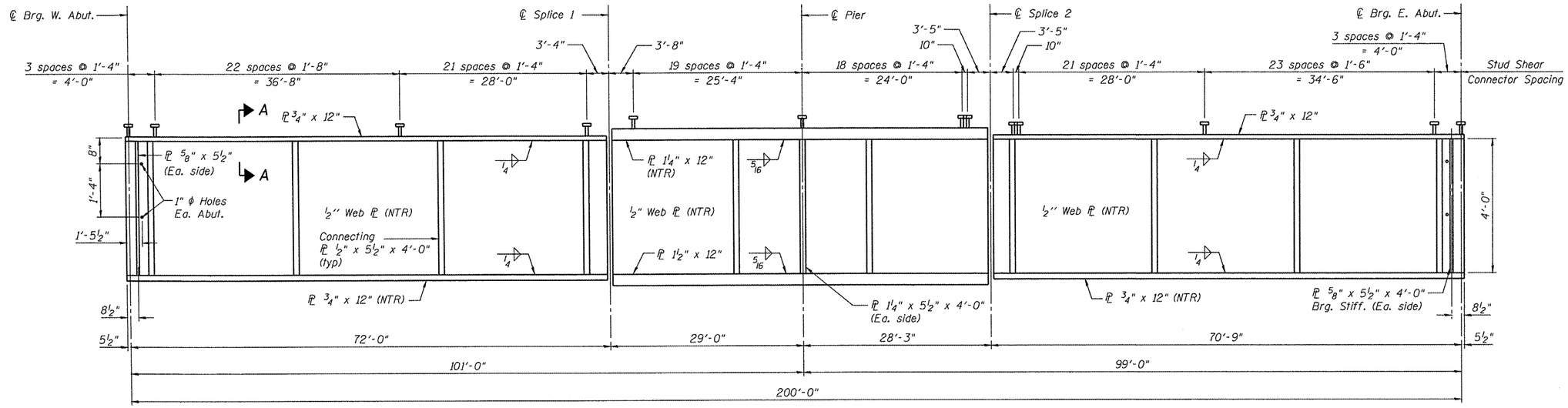
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 055-0067
SHEET NO. S13 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	38
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



FRAMING PLAN



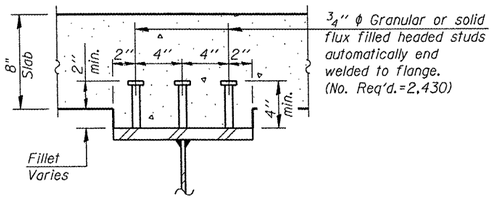
GIRDER ELEVATION

Notes:

1. *All flange and web splice plates, except filler plates, shall be M270 Grade 50 and meet notch toughness requirements.*
2. *Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.*
3. *All girder flanges, webs and bearing stiffeners shall be M270 Grade 50.*
4. *All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.*
5. *For Section A-A, see sheet S15 of S23.*
6. *Work this sheet with sheet S15 of S23.*

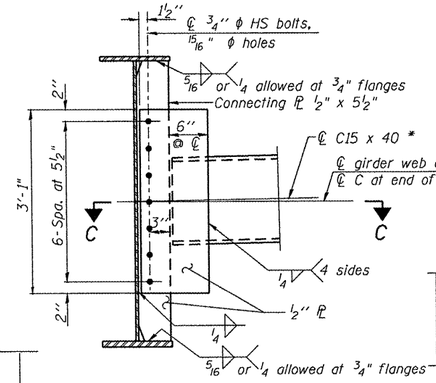
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FILE NAME	USER NAME = TERRA	DESIGNED - OY	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**FRAMING PLAN STRUCTURE NO. 055-0067**	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D468418_014_Framing.dgn		CHECKED - DA	REVISED -			407	55-3HB-1	McDONOUGH	103	39
	PLOT SCALE = 16ø '1' / IN.	DRAWN - CM	REVISED -					CONTRACT NO. 68A41		
	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -		SHEET NO. S14 OF S23 SHEETS			ILLINOIS FED. AID PROJECT		



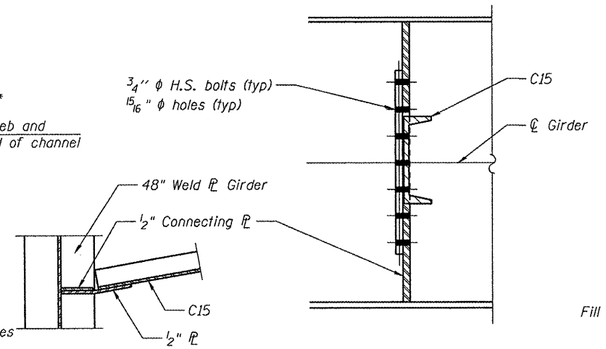
¾" ϕ Granular or solid flux filled headed studs automatically end welded to flange. (No. Req'd.=2,430)

SECTION A-A



INTERIOR DIAPHRAGM

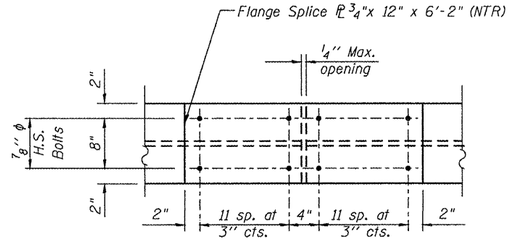
Notes:
Two hardened washers required for each set of oversized holes.
* Alternate channels C15x50 are permitted to facilitate material acquisition. Calculated weight of structural steel is based on C15x40 sections. The alternate, if utilized, shall be provided at no additional cost to the Department.



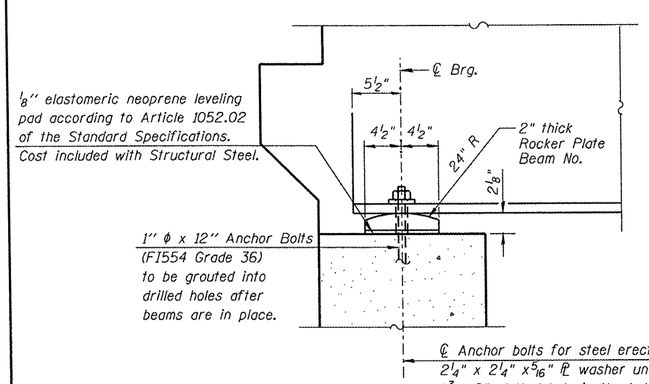
SECTION C-C

DIAPHRAGM D

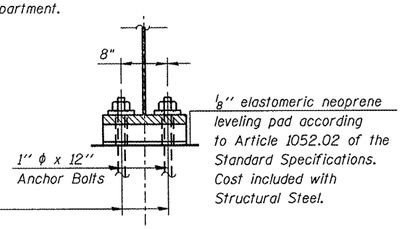
55 Required

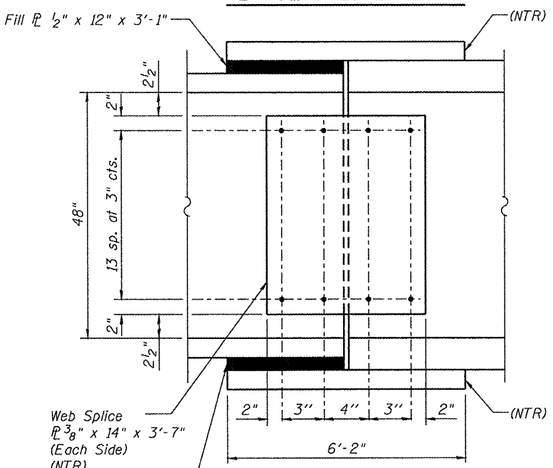


FLANGE SPLICE PLATE

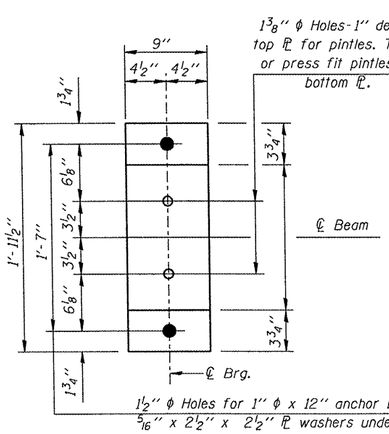


SECTION AT ABUTMENT

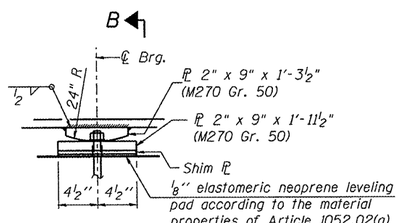




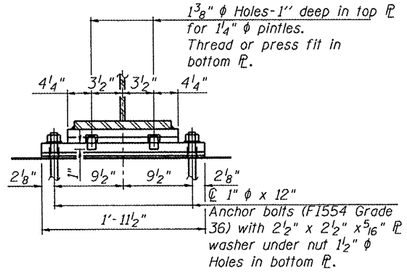
WEB SPLICE PLATE



PLAN

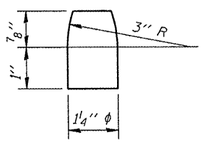


ELEVATION AT PIER



SECTION B-B

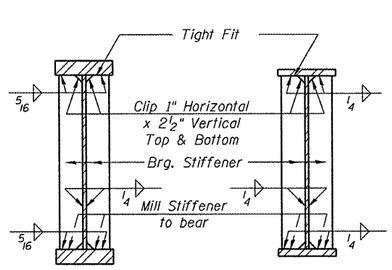
FIXED BEARING



DETAIL OF PINTLE

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Anchor Bolts, 1"	EACH	36
Stud Shear Connectors	EACH	2,430



SECTION AT PIER

SECTION AT ABUTMENT

The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50.

Two ⅛ in. adjusting shims shall be provided for each bearing in addition to all other plates of shims and placed as shown on bearing details.

Notes:
Anchor bolts shall be ASTM F1554 (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified.
ASTM A 307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy-36 ksi).The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Anchor bolts at pier may be either cast in place or installed in holes drilled after the supported member is in place.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

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D468418.015.Steel details.dgn		CHECKED - DA	REVISED -
	PLOT SCALE = 0.1250 ' / IN.	DRAWN - CM	REVISED -
	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL DETAILS
STRUCTURE NO. 055-0067
SHEET NO. S15 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	40
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

INTERIOR GIRDER MOMENT TABLE				
		0.4 Sp. 1	Pier	0.6 Sp. 2
I_s	(in^4)	15303	24634	15303
$I_c(n)$	(in^4)	36588	53151	36588
$I_c(3n)$	(in^4)	27095	39248	27095
$I_c(cr)$	(in^4)		29432	
S_s	(in^3)	618	1019	618
$S_c(n)$	(in^3)	869	1318	869
$S_c(3n)$	(in^3)	787	1208	787
$S_c(cr)$	(in^3)		1095	
DC1	(k/')	0.74	0.80	0.74
M_{DC1}	('k)	489	1069	453
DC2	(k/')	0.15	0.15	0.15
M_{DC2}	('k)	100	209	93
DW	(k/')	0.284	0.284	0.284
M_{DW}	('k)	189	396	176
M_{L+IM}	('k)	1048	1270	1029
M_u (Strength I)	('k)	2854	4414	2747
* $\phi_f M_n$	('k)	4330	4964	4358
f_s DC1	(ksi)	9.49	12.59	8.79
f_s DC2	(ksi)	1.53	2.29	1.42
f_s DW	(ksi)	2.88	4.34	2.68
f_s (L+IM)	(ksi)	14.47	13.91	14.21
f_s (Service II)	(ksi)	32.71	37.31	31.36
$0.95R_hF_{yf}$	(ksi)	47.50	47.50	47.50
V_f	(k)	26.9	26.1	24.6

* Compact Section

INTERIOR GIRDER REACTION TABLE				
		W. Abut.	Pier	E. Abut.
R_{DC1}	(k)	27.8	98.0	26.9
R_{DC2}	(k)	5.5	19.2	5.3
R_{DW}	(k)	10.4	36.3	10.1
R_{L+IM}	(k)	74.8	137.0	72.1
R_{Total}	(k)	118.5	290.5	114.3

I_s, S_s: Non-composite moment of inertia and section modulus of the steel section used for computing f_s (Total-Strength I, and Service II) due to non-composite dead loads (in.^{4} and in.^{3}).
Pier

$I_c(n)$, $S_c(n)$: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections, due to short-term composite live loads (in.^{4} and in.^{3}).

$I_c(3n)$, $S_c(3n)$: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads (in.^{4} and in.^{3}).

$I_c(cr)$, $S_c(cr)$: Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing f_s (Total-Strength I and Service II) in cracked sections, due to both short-term composite live loads and long-term composite dead loads (in.^{4} and in.^{3}).

DC1: Un-factored non-composite dead load (kips/ft.).

M_{DC1}: Un-factored moment due to non-composite dead load (kip-ft.).

DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).

M_{DC2}: Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).

DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).

M_{DW}: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).

M_{L+IM}: Un-factored live load moment plus dynamic load allowance (impact) ((kip-ft.).

M_u (Strength I): Factored design moment (kip-ft.).
$1.25\ (M_{DC1} + M_{DC2}) + 1.5\ M_{DW} + 1.75\ M_{L+IM}$

$\phi_f M_n$: Compact composite positive moment capacity computed according to Article 6.10.7.1 (kip-ft.) and appendix A criteria for negative moment.

f_s DC1: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
M_{DC1} / S_{nc}

f_s DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
$M_{DC2} / S_c(3n)$ or $M_{DC2} / S_c(cr)$ as applicable.

f_s DW: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
$M_{DW} / S_c(3n)$ or $M_{DW} / S_c(cr)$ as applicable.

f_s (L+IM): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live plus impact loads as calculated below (ksi).
$M_{L+IM} / S_c(3n)$ or $M_{L+IM} / S_c(cr)$ as applicable.

f_s (Service II): Sum of stresses as computed below (ksi).
$f_{sDC1} + f_{sDC2} + f_{sDW} + 1.3\ f_s(L+IM)$

$0.95R_hF_yf$: Composite stress capacity for Service II loading according to Article 6.10.4.2 (ksi).

f_s (Total)(Strength I): Sum of stresses as computed below on non-compact section (ksi).
$1.25\ (f_{sDC1} + f_{sDC2}) + 1.5\ f_{sDW} + 1.75\ f_{sL+IM}$

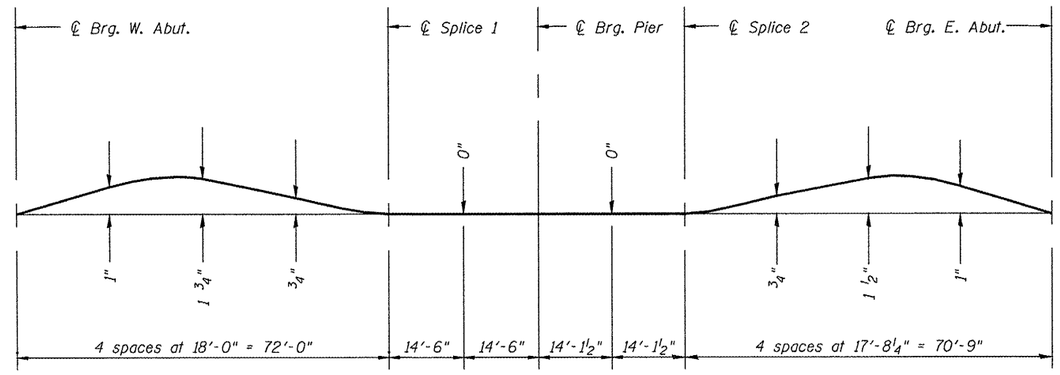
$\phi_f F_n$: Non-Compact composite positive or negative stress capacity for Strength I loading according to Article 6.10.7.2 (ksi).

V_f: Maximum factored shear range in composite portion of span computed according to Article 6.10.10.

TOP OF WEB ELEVATIONS

Location	Girder 1	Girder 2	Girder 3	Girder 4	Girder 5	Girder 6
℄ Brg. W. Abut.	686.30	686.40	686.49	686.48	686.38	686.26
℄ Splice 1	685.75	685.85	685.94	685.93	685.83	685.71
℄ Brg. Pier	685.54	685.64	685.73	685.72	685.62	685.50
℄ Splice 2	685.34	685.44	685.53	685.52	685.42	685.30
℄ Brg. E. Abut.	684.90	685.00	685.09	685.08	684.98	684.86

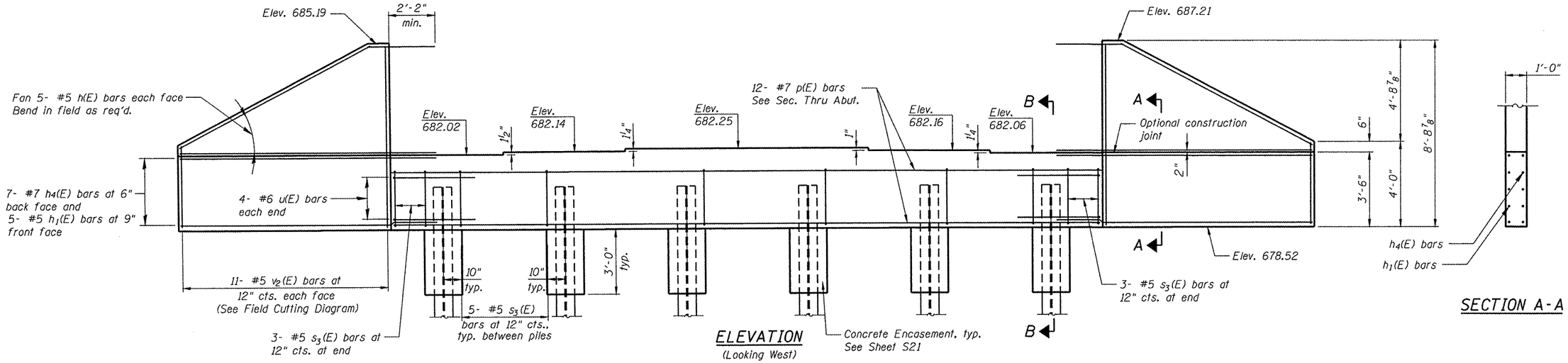
For Fabrication Only

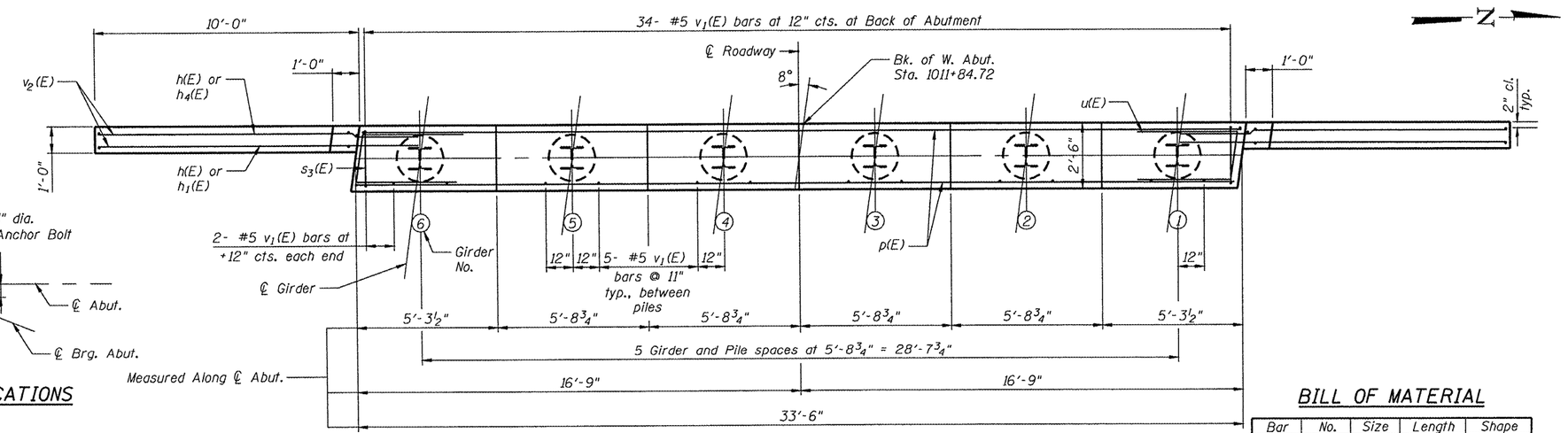


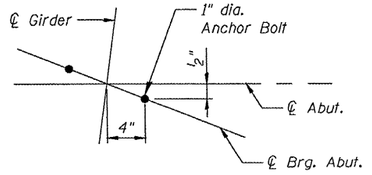
CAMBER DIAGRAM

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FILE NAME	USER NAME = TERRA	DESIGNED - OY	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STEEL DETAILS STRUCTURE NO. 055-0067	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D468418.016_Steel details.dgn		CHECKED - DA	REVISED -			407	55-3HB-1	McDONOUGH	103	41
	PLOT SCALE = 0:4.0000 '' / IN.	DRAWN - CM	REVISED -					CONTRACT NO. 68A41		
	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -		SHEET NO. 516 OF 523 SHEETS			ILLINOIS FED. AID PROJECT		



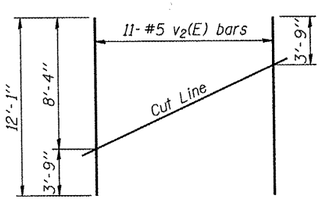




ANCHOR BOLTS LOCATIONS

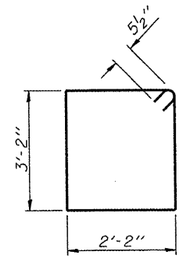
PILE DATA

Type:	HP 12x63
Nominal Required Bearing:	410 kips
Allowable Resistance Available:	226 kips
Est. Length:	34 ft.
No. Production Piles:	5 Each
No. Test Piles:	1 Each

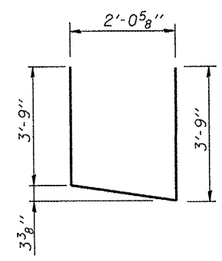


FIELD CUTTING DIAGRAM

Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.



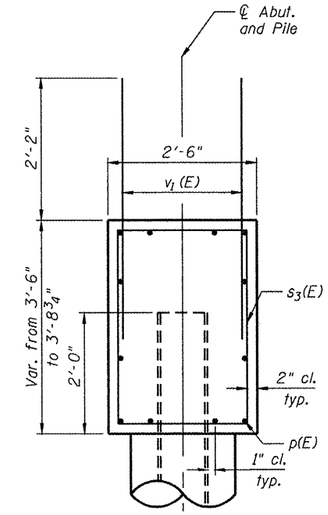
BAR s3(E)



BAR u(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	20	#5	12'-6"	
h1(E)	10	#5	11'-9"	
h4(E)	14	#7	15'-0"	
p(E)	12	#7	33'-2"	
s3(E)	31	#5	11'-7"	
u(E)	8	#6	9'-7"	
v1(E)	63	#5	4'-4"	
v2(E)	22	#5	12'-1"	
Structure Excavation		Cu. Yd.	187	
Concrete Structures		Cu. Yd.	16.5	
Concrete Encasement		Cu. Yd.	2.1	
Reinforcement Bars, Epoxy Coated		Pound	3195	
Test Pile HP 12x63		Each	1	
Furnishing Steel Piles, HP 12x63		Foot	170	
Driving Piles		Foot	170	



SECTION B-B

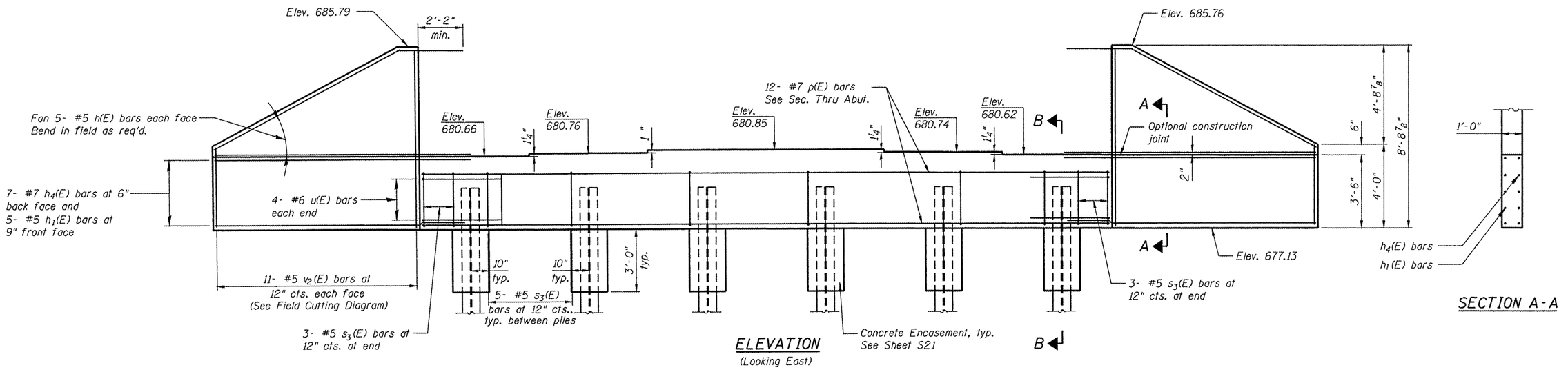
TERRA ENGINEERING LTD.
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CHICAGO, IL 60654
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FILE NAME	USER NAME = TERRA	DESIGNED - OY	REVISED -
D468418_017_west-abut.dgn		CHECKED - DA	REVISED -
	PLOT SCALE = 5ø '/ / IN.	DRAWN - CM	REVISED -
	PLOT DATE = 12/1/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

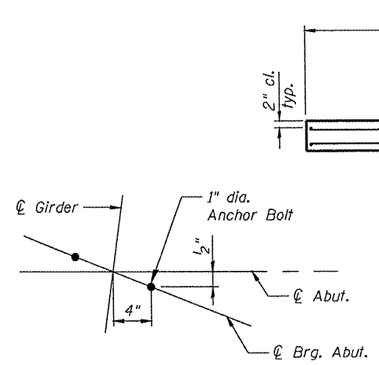
WEST ABUTMENT PLAN AND ELEVATION
STRUCTURE NO. 055-0067
SHEET NO. S17 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	42
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

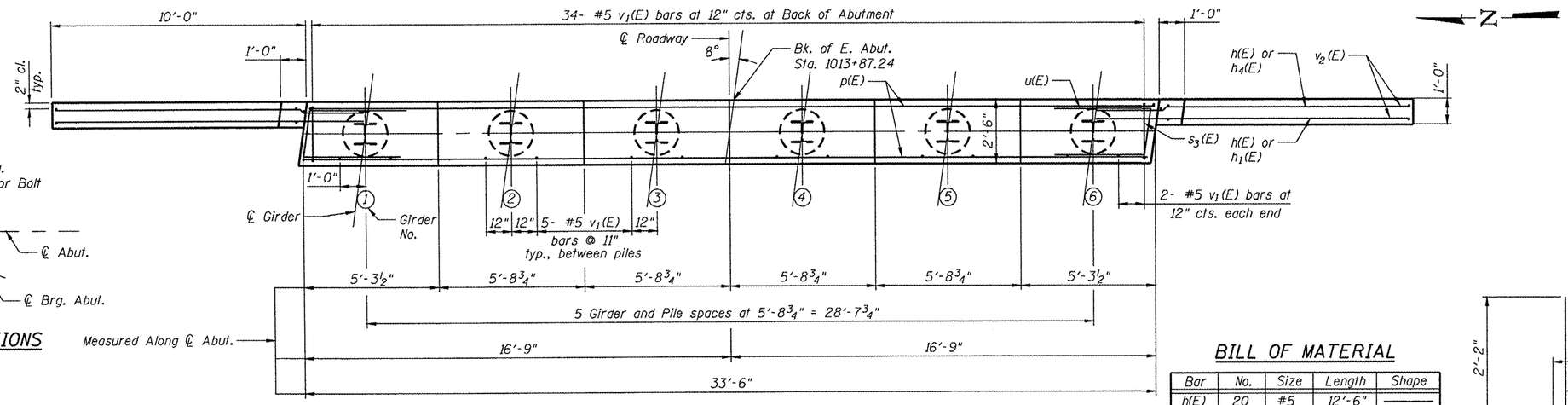


ELEVATION
(Looking East)

SECTION A-A



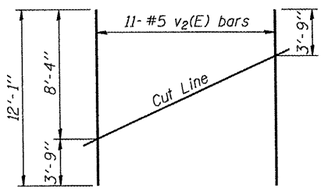
ANCHOR BOLTS LOCATIONS



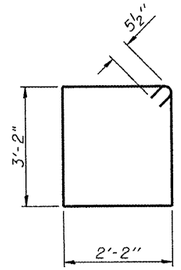
PLAN

PILE DATA

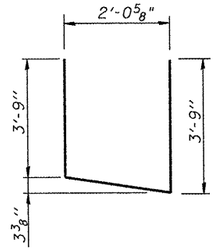
Type:	HP 12x63
Nominal Required Bearing:	406 kips
Allowable Resistance Available:	223 kips
Est. Length:	55 Feet
No. Production Piles:	5 Each
No. Test Piles:	1 Each



FIELD CUTTING DIAGRAM
Order $v_2(E)$ full length. Cut as shown and use remainder of bars in opposite face.



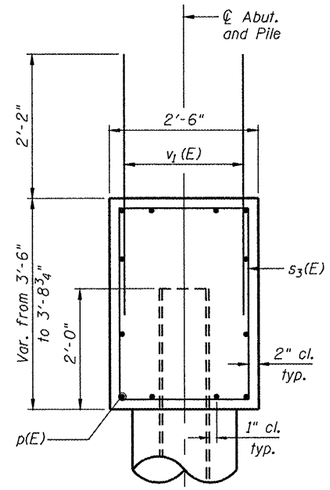
BAR $s_3(E)$



BAR u(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	20	#5	12'-6"	
$h_1(E)$	10	#5	11'-9"	
$h_4(E)$	14	#7	15'-0"	
p(E)	12	#7	33'-2"	
$s_3(E)$	31	#5	11'-7"	
u(E)	8	#6	9'-7"	
$v_1(E)$	63	#5	4'-4"	
$v_2(E)$	22	#5	12'-1"	
Structure Excavation		Cu. Yd.	187	
Concrete Structures		Cu. Yd.	16.5	
Concrete Encasement		Cu. Yd.	2.1	
Reinforcement Bars, Epoxy Coated		Pound	3195	
Test Pile HP 12x63		Each	1	
Furnishing Steel Piles, HP 12x63		Foot	275	
Driving Piles		Foot	275	



SECTION B-B

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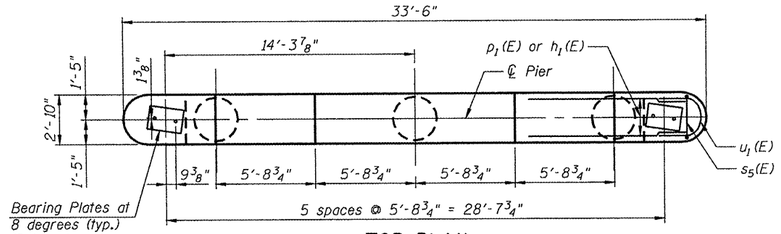
FILE NAME: D468418.018.east-abut.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -
		CHECKED - DA	REVISED -
	PLOT SCALE = 5i0 '1' / IN.	DRAWN - CM	REVISED -
	PLOT DATE = 12/1/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

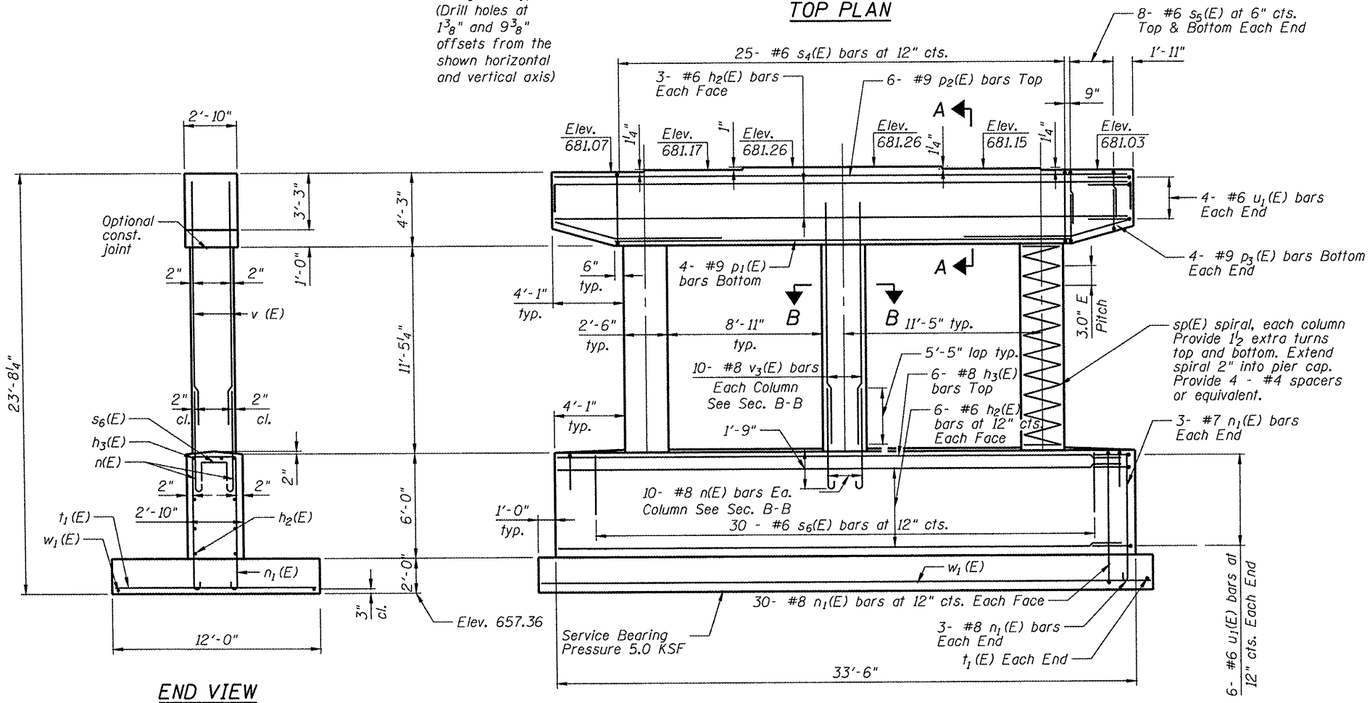
EAST ABUTMENT PLAN AND ELEVATION
STRUCTURE NO. 055-0067
SHEET NO. S18 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	43
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

Notes:
Pour steps monolithically with cap.
Space reinforcement in cap to miss anchor bolts.

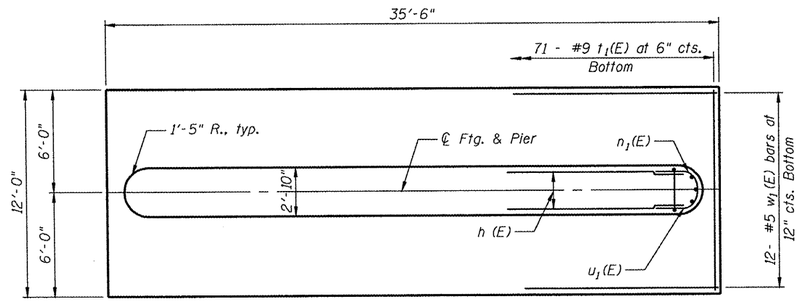


TOP PLAN

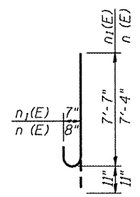


END VIEW

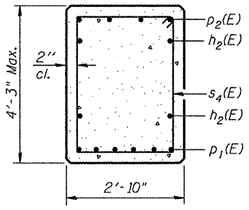
ELEVATION
(Looking East)



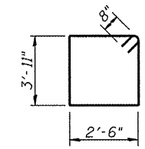
FOOTING PLAN



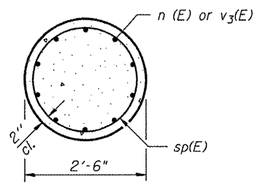
BAR n (E), n_1(E)



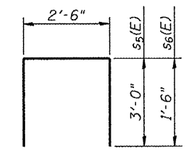
SEC. A-A



BAR s_4(E)

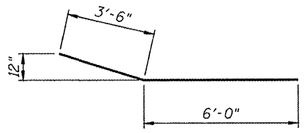


SEC. B-B

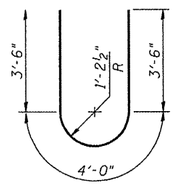


BARS s_5(E) and s_6(E)

BARS p_2(E)



BARS p_3(E)



BAR u_1(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h_2(E)	18	#6	30'-0"	——
h_3(E)	6	#8	30'-0"	——
n (E)	30	#8	8'-3"	⊃
n_1(E)	96	#8	8-6"	⊃
p_1(E)	4	#9	25'-0"	——
p_2(E)	6	#9	33'-8"	⌐¬
p_3(E)	8	#9	9'-6"	——
s_4(E)	25	#6	14'-2"	□
s_5(E)	32	#6	8'-6"	⊔
s_6(E)	30	#6	5'-6"	⊔
** sp(E)	3	#3	14'-2"	∿∿
t_1(E)	71	#9	11'-8"	——
u_1(E)	20	#6	11'-0"	⊃
v_3(E)	30	#8	14'-0"	——
w_1(E)	12	#5	35'-2"	——
Structure Excavation		Cu. Yd.	86	
Concrete Structures		Cu. Yd.	74	
Reinforcement Bars, Epoxy Coated		Pound	14230	

** Length is height of spiral.

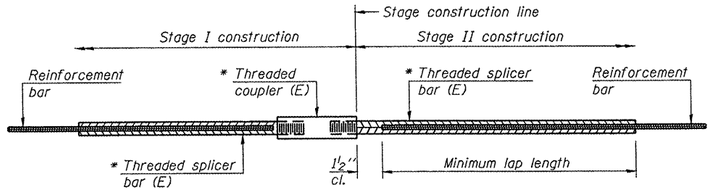
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CHICAGO, IL 60654
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FILE NAME	USER NAME = TERRA	DESIGNED - OY	REVISED -
D468418.019_pier.dgn		CHECKED - DA	REVISED -
	PLOT SCALE = 8.0000 '/ IN.	DRAWN - CM	REVISED -
	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER DETAILS
STRUCTURE NO. 055-0067
SHEET NO. S19 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	44
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



STANDARD BAR SPLICER ASSEMBLY

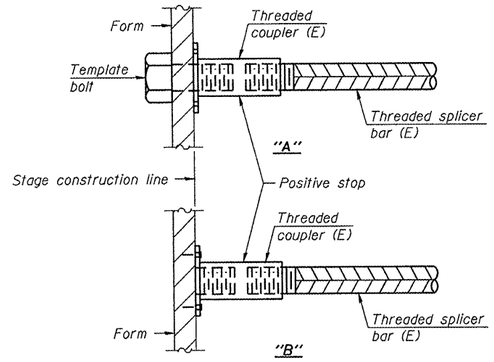
Minimum Lap Lengths					
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-3"
5	1'-9"	2'-5"	2'-7"	2'-11"	2'-10"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-4"
7	2'-9"	3'-10"	4'-2"	4'-8"	4'-6"
8	3'-8"	5'-1"	5'-5"	6'-2"	5'-10"
9	4'-7"	6'-5"	6'-10"	7'-9"	7'-5"

Table 1: Black bar, 0.8 Class C
Table 2: Black bar, Top bar lap, 0.8 Class C
Table 3: Epoxy bar, 0.8 Class C
Table 4: Epoxy bar, Top bar lap, 0.8 Class C
Table 5: Epoxy bar, Top bar lap, Class B

Threaded splicer bar length = min. lap length + 1½" + thread length

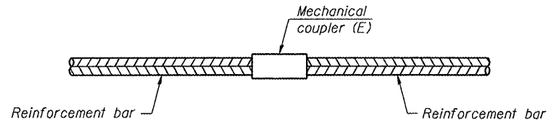
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length



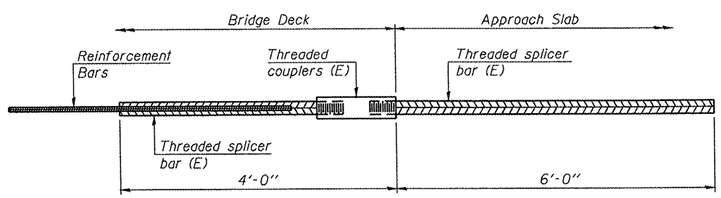
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



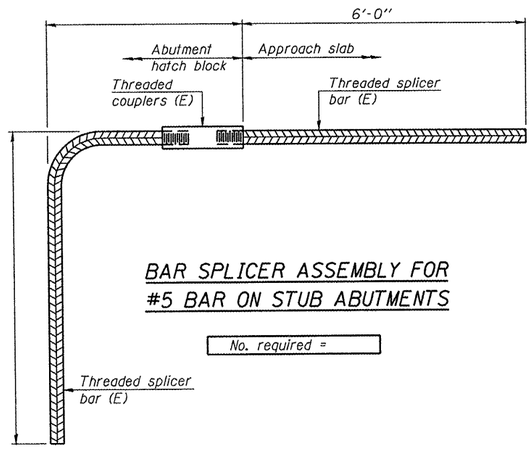
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required = 68



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See special provision for Mechanical Splicers.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

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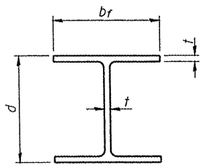
BSD-1 7-1-10

FILE NAME	USER NAME = TERRA	DESIGNED - OY	REVISED -
D468418.020.barsplicer.dgn		CHECKED - DA	REVISED -
	PLOT SCALE = 8.2 '/ / IN.	DRAWN - CM	REVISED -
	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

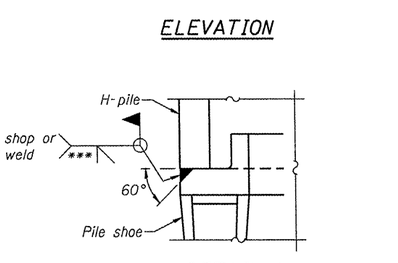
BAR SPLICER ASSEMBLY
STRUCTURE NO. 055-0067
SHEET NO. 520 OF 523 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	45
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



STEEL PILE TABLE

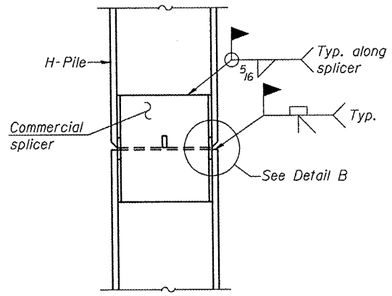
Designation	Depth d	Flange width b_f	Web and Flange thickness t	Encasement diameter A
HP 14x117	$14\frac{1}{4}''$	$14\frac{7}{8}''$	$\frac{13}{16}''$	30″
x102	14″	$14\frac{3}{4}''$	$\frac{11}{16}''$	30″
x89	$13\frac{7}{8}''$	$14\frac{3}{4}''$	$\frac{5}{8}''$	30″
x73	$13\frac{5}{8}''$	$14\frac{5}{8}''$	$\frac{1}{2}''$	30″
HP 12x84	$12\frac{1}{4}''$	$12\frac{1}{4}''$	$\frac{11}{16}''$	24″
x74	$12\frac{1}{8}''$	$12\frac{1}{4}''$	$\frac{5}{8}''$	24″
x63	12″	$12\frac{1}{8}''$	$\frac{1}{2}''$	24″
x53	$11\frac{3}{4}''$	12″	$\frac{7}{16}''$	24″
HP 10x57	10″	$10\frac{1}{4}''$	$\frac{9}{16}''$	24″
x42	$9\frac{3}{4}''$	$10\frac{1}{8}''$	$\frac{7}{16}''$	24″
HP 8x36	8″	$8\frac{1}{8}''$	$\frac{7}{16}''$	18″



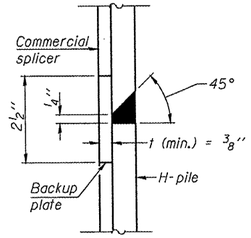
ELEVATION

DETAIL A

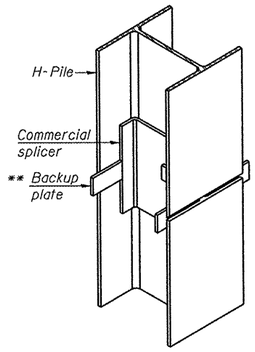
H-PILE SHOE ATTACHMENT



ELEVATION

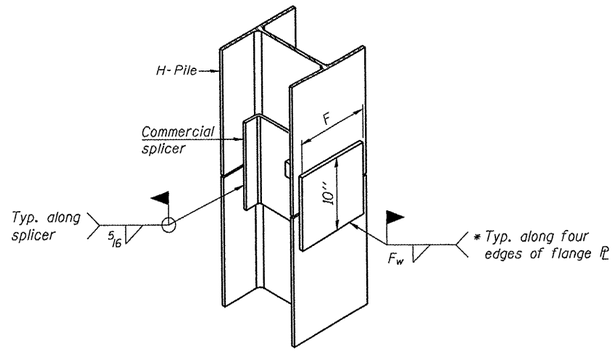


DETAIL "B"



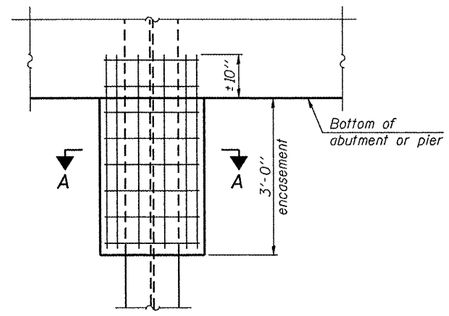
ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE

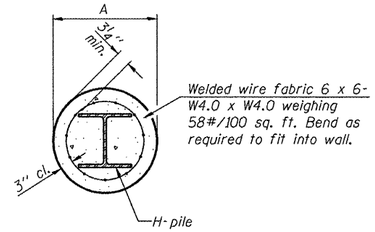


ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE



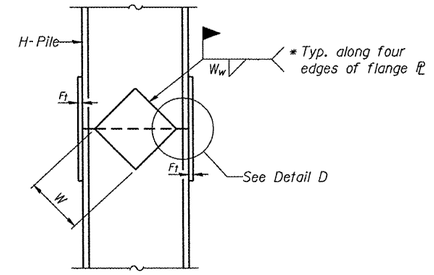
ELEVATION



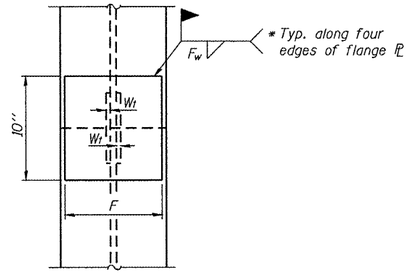
Note:
Forms for encasement may be omitted when soil conditions permit.

SECTION A-A

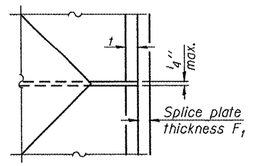
PILE ENCASEMENT



ELEVATION



END VIEW



DETAIL D

Designation	F	F_t	F_w	W	W_1	W_w
HP 14x117	$12\frac{1}{2}''$	1″	$\frac{7}{8}''$	$7\frac{3}{4}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x102	$12\frac{1}{2}''$	$\frac{7}{8}''$	$\frac{3}{4}''$	$7\frac{3}{4}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x89	$12\frac{1}{2}''$	$\frac{3}{4}''$	$\frac{11}{16}''$	$7\frac{3}{4}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x73	$12\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{9}{16}''$	$7\frac{3}{4}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
HP 12x84	10″	$\frac{7}{8}''$	$\frac{11}{16}''$	$6\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x74	10″	$\frac{7}{8}''$	$\frac{11}{16}''$	$6\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{1}{2}''$
x63	10″	$\frac{5}{8}''$	$\frac{1}{2}''$	$6\frac{1}{2}''$	$\frac{1}{2}''$	$\frac{3}{8}''$
x53	10″	$\frac{5}{8}''$	$\frac{1}{2}''$	$6\frac{1}{2}''$	$\frac{1}{2}''$	$\frac{3}{8}''$
HP 10x57	8″	$\frac{3}{4}''$	$\frac{9}{16}''$	$5\frac{1}{4}''$	$\frac{1}{2}''$	$\frac{3}{8}''$
x42	8″	$\frac{5}{8}''$	$\frac{9}{16}''$	$5\frac{1}{4}''$	$\frac{1}{2}''$	$\frac{3}{8}''$
HP 8x36	7″	$\frac{5}{8}''$	$\frac{7}{16}''$	$4\frac{1}{4}''$	$\frac{1}{2}''$	$\frac{3}{8}''$

WELDED PLATE FIELD SPLICE

* Interrupt welds $\frac{1}{4}''$ from end of web and/or each flange.

** Remove portions of backup plates that extend outside the flanges.

*** Weld size per pile shoe manufacturer ($\frac{5}{16}''$ min.).

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.

TERRA ENGINEERING LTD.
225 W. OHIO ST., FOURTH FL.
CHICAGO, IL 60654
W(312)467-0123 F(312)467-0228
www.TERRAENGINEERING.COM

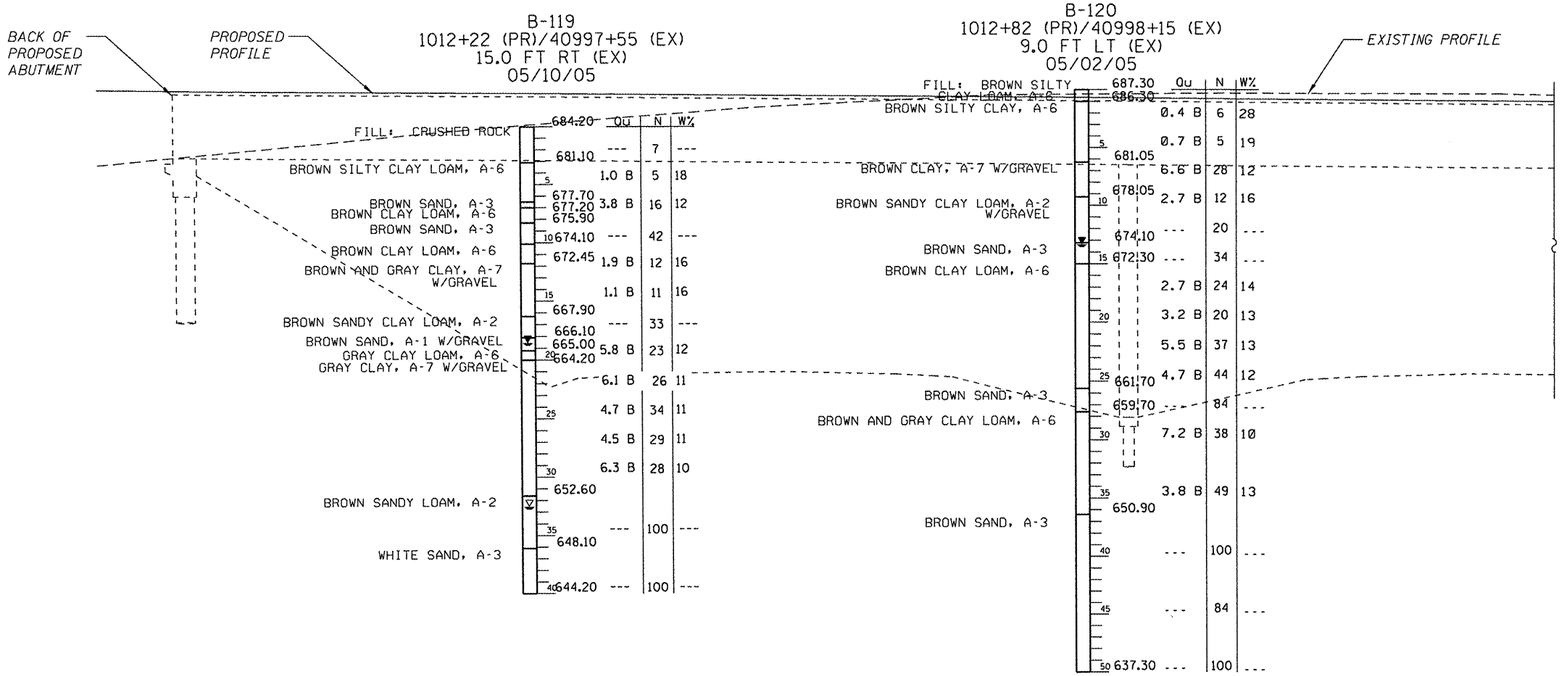
F-HP 7-1-10

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D468418.021.Pile details.dgn		CHECKED - DA	REVISED -
	PLOT SCALE = 0:2.0000 '' / IN.	DRAWN - CM	REVISED -
	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HP PILE DETAILS
STRUCTURE NO. 055-0067
SHEET NO. S21 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	46
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



LEGEND

EL = ELEVATION (FT)
D = DEPTH BELOW EXISTING GROUND SURFACE (FT)
N = SPT N-VALUE (AASHTO T206)
Qu = UNCONFINED COMPRESSIVE STRENGTH IN TONS PER SQ. FT. (TSF)
w% = MOISTURE CONTENT PERCENTAGE

▼ = GROUNDWATER LEVEL FIRST ENCOUNTER

▽ = GROUNDWATER LEVEL UPON COMPLETION

▼ = GROUNDWATER LEVEL AFTER 24 HOURS

SUBSURFACE DATA PROFILE
ADAMS ST (TWP. RD. 1250 N) OVER FAP 407 (IL 336)
SECTION 55-3 HB-1
MCDONOUGH COUNTY
STATION 1012+86.98
STRUCTURE NO. 055-0067

TERRA ENGINEERING LTD.
225 W. OHIO ST., FOURTH FL.
CHICAGO, IL 60654
W:312/467-8123 F:312/467-8228
www.TERRAENGINEERING.COM

HB-1

NOT TO SCALE

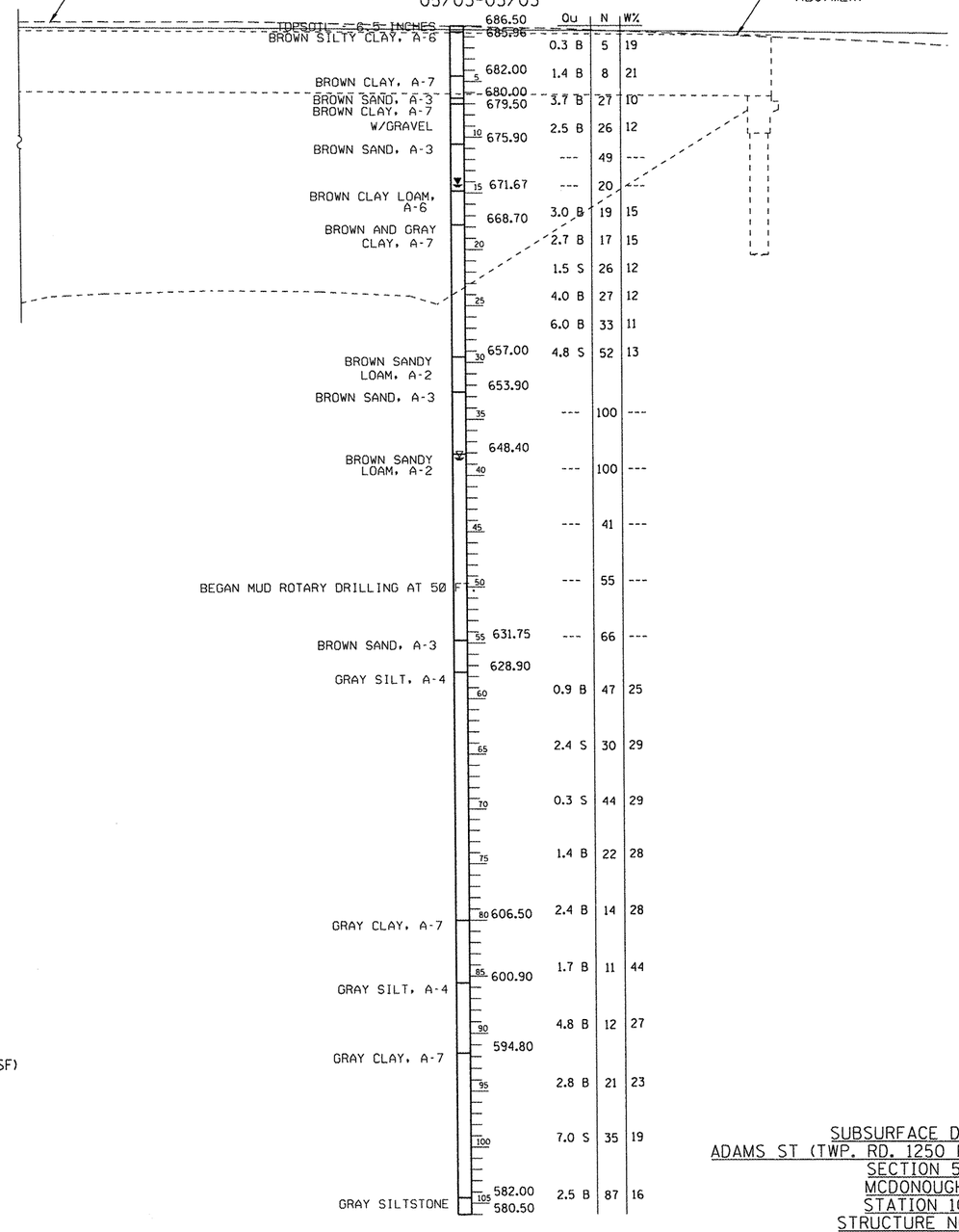
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D468418.022.boring logs.dgn		CHECKED - DA	REVISED -
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	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 055-0067
SHEET NO. S22 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	47
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

B-121
1013+52 (PR)/40998+85 (EX)
27.0 FT RT (EX)
05/03-05/05



LEGEND

EL = ELEVATION (FT)
D = DEPTH BELOW EXISTING GROUND SURFACE (FT)
N = SPT N-VALUE (AASHTO T206)
Qu = UNCONFINED COMPRESSIVE STRENGTH IN TONS PER SQ. FT. (TSF)
w% = MOISTURE CONTENT PERCENTAGE
▼ = GROUNDWATER LEVEL FIRST ENCOUNTER
▽ = GROUNDWATER LEVEL UPON COMPLETION
▼ = GROUNDWATER LEVEL AFTER 24 HOURS

SUBSURFACE DATA PROFILE
ADAMS ST (TWP. RD. 1250 N) OVER FAP 407 (IL 336)
SECTION 55-3 HB-1
MCDONOUGH COUNTY
STATION 1012+86.98
STRUCTURE NO. 055-0067

HB-1

NOT TO SCALE

TERRA ENGINEERING LTD.
225 W. OHIO ST., FOURTH FL.
CHICAGO, IL 60654
W(312)467-8123 F(312)467-8220
WWW.TERRAENGINEERING.COM

FILE NAME: D468418.023_boring logs.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -
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	PLOT DATE = 11/29/2011	CHECKED - JB	REVISED -

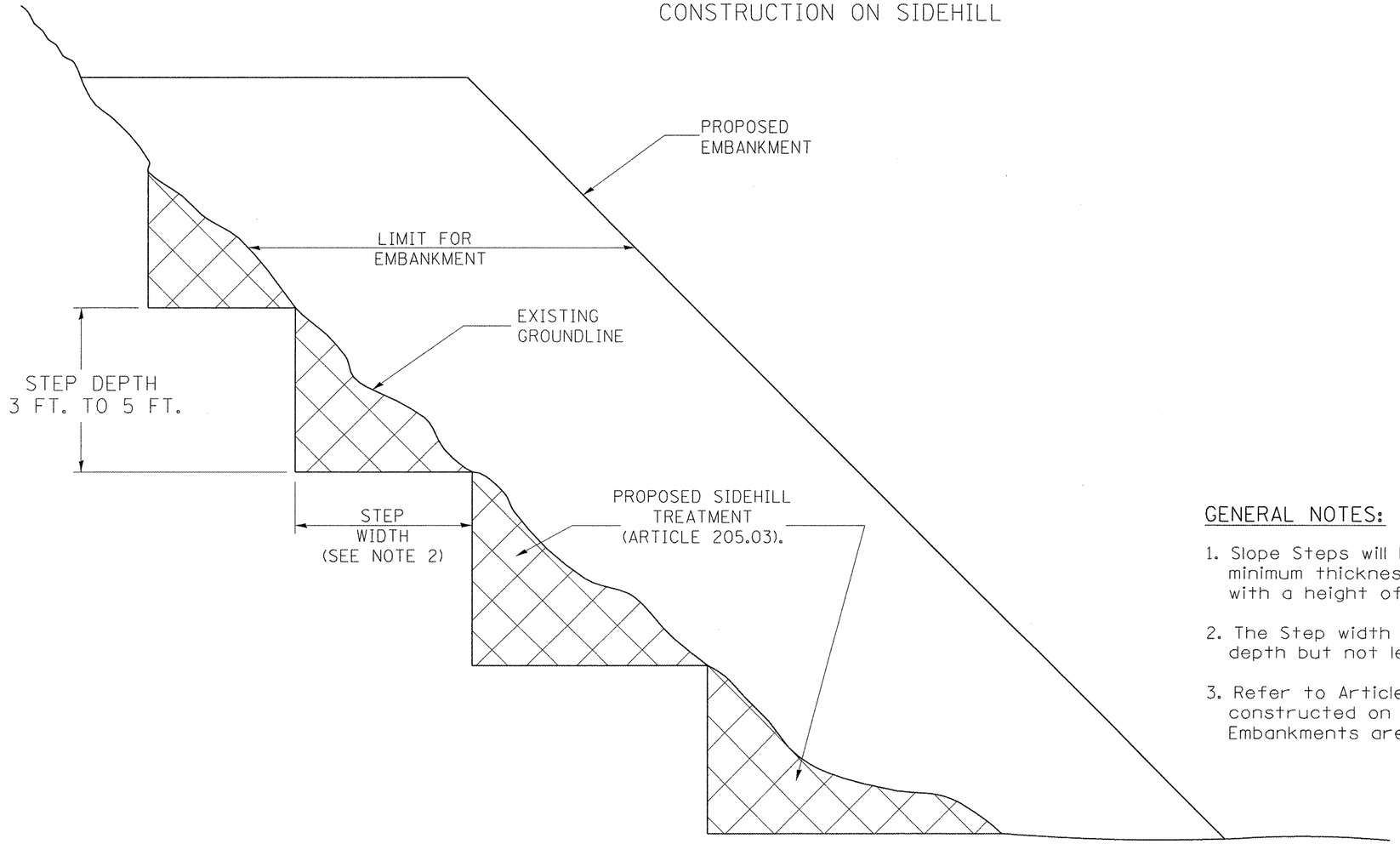
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 055-0067
SHEET NO. 523 OF S23 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	48
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

SLOPE STEPS DETAIL

TYPICAL CROSS-SECTION EMBANKMENT CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 12(300) minimum thickness "silver fills" and on a fills with a height of 10'(3.0m).
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

REPLACEMENT MATERIAL:

STANDARD EMBANKMENT (IN ACCORDANCE WITH 205 OF THE STANDARD SPECIFACATION).

DESIGNER NOTE:

1. EACH PROJECT SHOULD BE REVIEWED INDEPENDENTLY FOR TREATMENT REQUIRED.
2. REFER TO THIS DETAIL WITH NOTE ON APPLICABLE TYPICAL SECTIONS.

All dimensions are in inches (millimeters) unless otherwise noted.

1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE	T.P.
	BOX, REVISED GENERAL NOTES.	
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

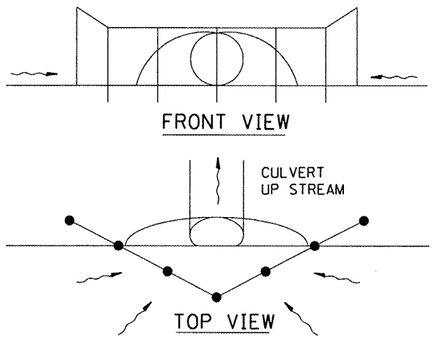
SLOPE STEPS DETAIL

NOT TO SCALE

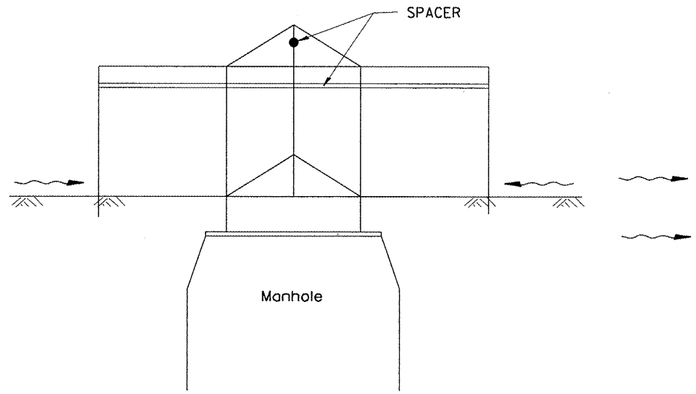
CADD STD. 205001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	49
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

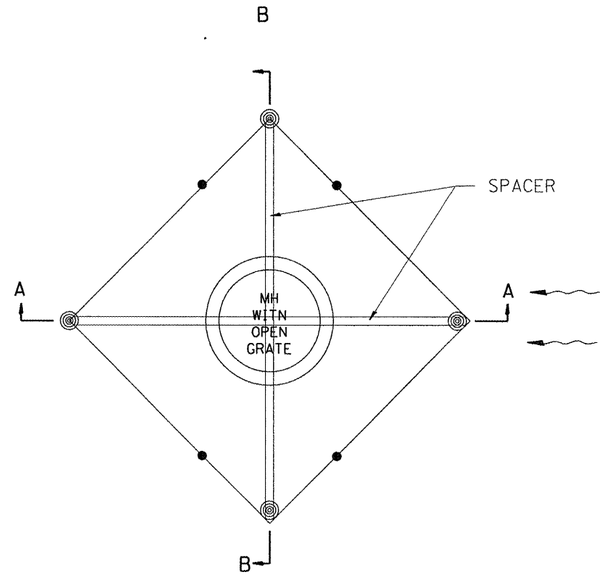
Designer NOTES:
1. Designer to modify this Special Detail sheet, as needed, for inclusion in plans.
2. Include Highway Standard 280001 "TEMPORARY EROSION CONTROL SYSTEM."



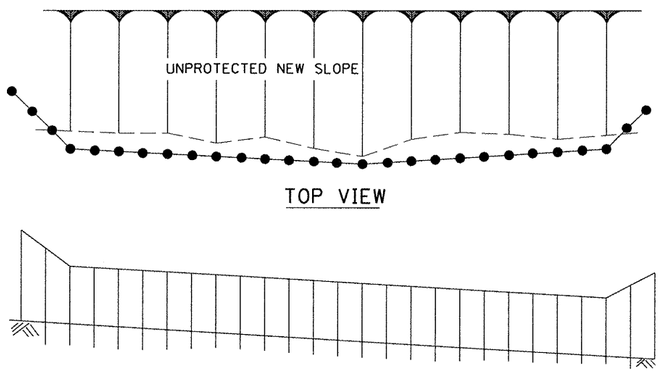
UPSTREAM PIPE CULVERT EROSION CONTROL



SIDE VIEW
A-A

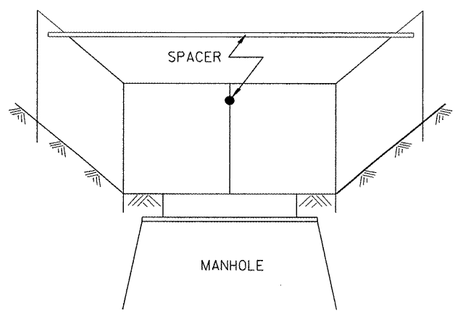


TOP VIEW



TOP VIEW

FRONT VIEW



Front View
B-B

EROSION CONTROL
AT
OPEN GRATE MAN HOLE

GENERAL NOTES:

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

All dimensions are in inches (millimeters) unless otherwise noted.

1-1-97		T.P.
3-11-03	ELIMINATED SILT FENCE DITCH CHECK	M.A.

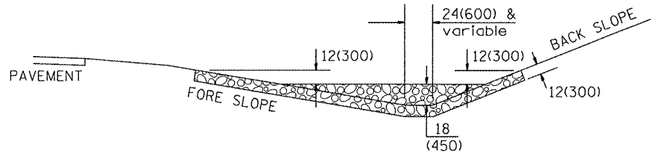
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATION OF SILT FILTER FENCE

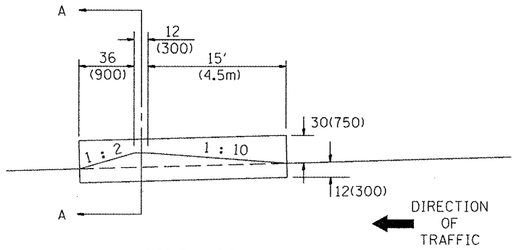
NOT TO SCALE — CADD STD. 280001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	50
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

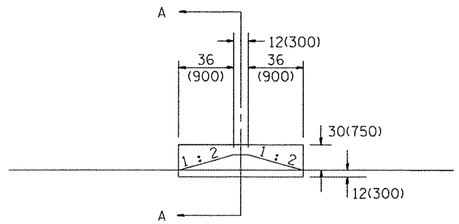
DESIGNER NOTES:
1. Designer to modify this detail Special Detail Sheet, as needed, for inclusion in plans.
2. Determine the required clear zone in order to select the berm slopes.
3. Include State Standard 280001.



SECTION A - A

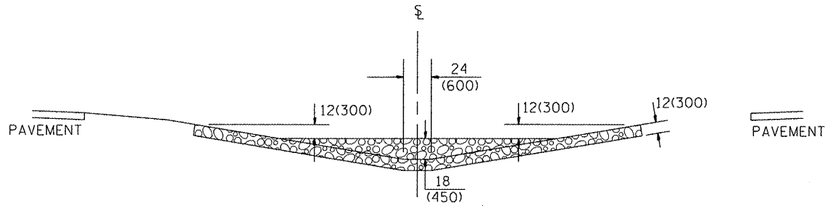


SIDE VIEW
(WITHIN CLEAR ZONE)

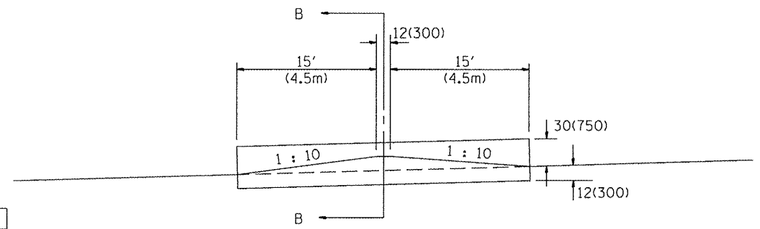


SIDE VIEW
(OUTSIDE OF CLEAR ZONE)

SIDE DITCH AGGREGATE DITCH CHECK



SECTION B - B



SIDE VIEW

MEDIAN AGGREGATE DITCH CHECK

NOTES:

1. FOR DITCH BOTTOM PROTECTED BY EXCELSIOR BLANKET, USE 400'(120m) SPACING. FOR SEEDED DITCH BOTTOM, USE 200'(60m) SPACING.
2. THIS WORK CONSISTS OF THE COMPLETE INSTALLTION OF EROSION CONTROL DITCH CHECK AT LOCATIONS AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. THE AGGREGATE GRADATION SHALL BE RR3 WITH A MINIMUM QUALITY OF CLASS B.

ESTIMATE QUANTITIES

LOCATION				NUMBER OF DITCH CHECKS	FORE SLOPE	DITCH BOTTOM WIDTH	BACK SLOPE	BERM SLOPE	AGGREGATE DITCH CHECK EROSION CONTROL METRIC TON(TON)
STATION	MEDIAN	SIDE DITCH LEFT	SIDE DITCH RIGHT						
IL 336									
620+50		266.1'		1	1 : 6	4'	1 : 3	1 : 2 1 : 2	21
621+25		268.9'		1	1 : 6	4'	1 : 3	1 : 2 1 : 2	21
622+25		272.6'		1	1 : 6	4'	1 : 3	1 : 2 1 : 2	21
622+44		175.0'		1	1 : 2	4'	1 : 2	1 : 2 1 : 2	12
622+44		25.0'		1	1 : 2	4'	1 : 2	1 : 2 1 : 2	12
622+50			79.0'	1	1 : 6	4'	1 : 3	1 : 10 1 : 2	53
622+75	℄			1	1 : 6	2'	1 : 6	1 : 10 1 : 10	95
622+75		79.0'		1	1 : 6	4'	1 : 3	1 : 10 1 : 2	53
623+25		276.3'		1	1 : 6	4'	1 : 3	1 : 2 1 : 2	21
623+50			79.0'	1	1 : 6	4'	1 : 3	1 : 10 1 : 2	53
623+75	℄			1	1 : 6	2'	1 : 6	1 : 10 1 : 10	95
623+75		79.0'		1	1 : 6	4'	1 : 3	1 : 10 1 : 2	53
624+50	℄			1	1 : 6	2'	1 : 6	1 : 10 1 : 10	95
625+75	℄			1	1 : 6	2'	1 : 6	1 : 10 1 : 10	95
626+50			79.0'	1	1 : 6	4'	1 : 3	1 : 10 1 : 2	53
626+75	℄			1	1 : 6	2'	1 : 6	1 : 10 1 : 10	95
626+75		88.5'		1	1 : 6	4'	1 : 3	1 : 10 1 : 2	53
									TOTAL = 901 TON

QUANTITIES

CALC. BY: _____ DATE:

CHECKED BY: _____ DATE:

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise noted.

1-1-97	RENUM. A-12.04, NEW REVISION BOX, REVISED TITLE	T.P.
	BOX, ADDED QUANTITY CALCULATION BOX	
9-15-05	REVISED DESIGNER NOTE	M.A.
10-16-06	REVISED RR3 QUALITY & TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL AGGREGATE DITCH CHECK

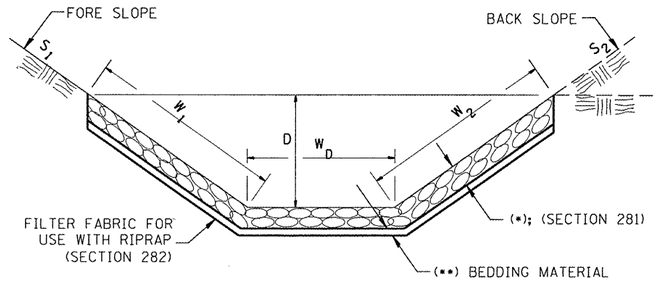
NOT TO SCALE

CADD STD. 280101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	51
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Designer NOTES:
1. Designer to modify this Special Detail Sheet, as needed for inclusion in plans.
2. (*) Designer to specify pay item including material, quality, and gradation.
3. (**) Designer to specify thickness of bedding material.
4. Include District Special Provision if needed.

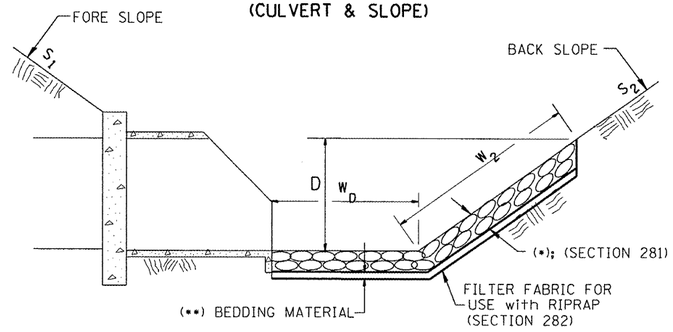
CASE 1
(DITCH)



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	lin ft (m)	lin ft (m)	sq yds (m^2)	sq yds (m^2)
1004+70 TO 1020+00	14.7	3,961.8	6,471	6,471
TOTAL			6,471	6,471

(1) WIDTH = $W_1 + W_2 + W_D$

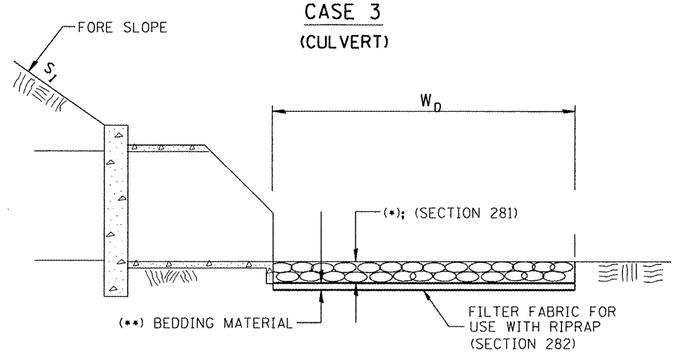
CASE 2
(CULVERT & SLOPE)



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	lin ft (m)	lin ft (m)	tons (m tons)	sq yds (m^2)
TOTAL				

(1) WIDTH = $W_2 + W_D$

CASE 3
(CULVERT)



(*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	lin ft (m)	lin ft (m)	tons (m tons)	sq yds (m^2)
TOTAL				

(1) WIDTH = W_D

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise noted.

1-1-97	RENUM. A-12.02, NEW REVISION BOX	T.P.
12-1-97	CORRECT FILTER FABRIC LEADER ARROW	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

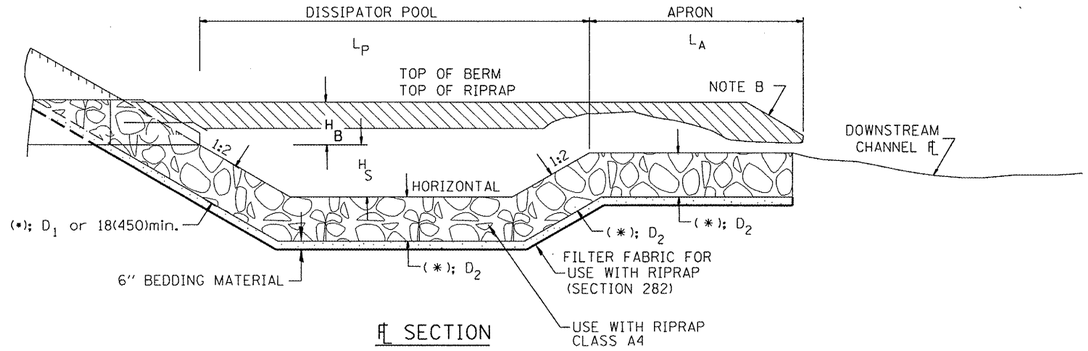
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIPRAP DITCH FOR EROSION PROTECTION

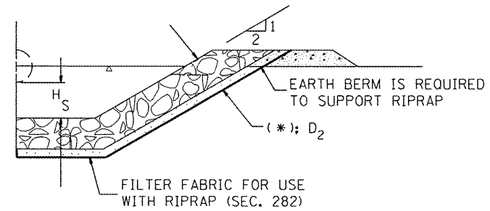
NOT TO SCALE — CADD STD. 281001-04

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	52
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

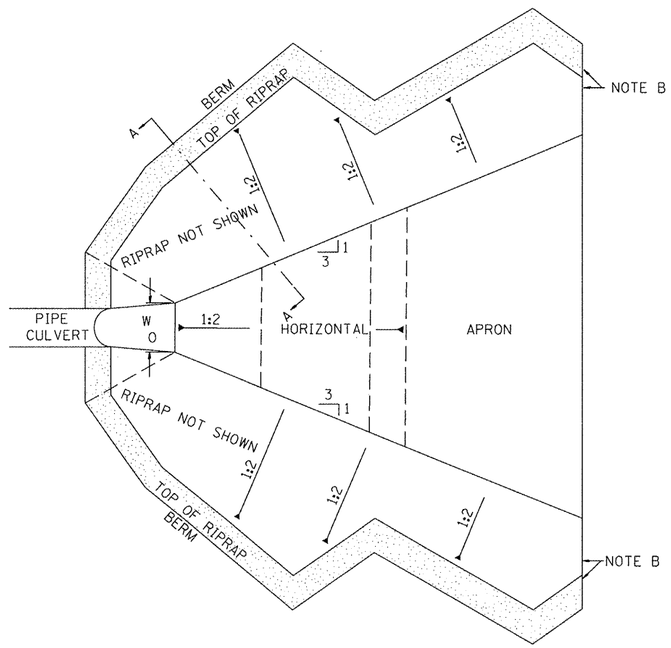
Designer NOTES:
1. Designer to modify this Special Detail Sheet, as needed for inclusion in plans.
2. (*) Designer to specify pay item including material, quality, and gradation.
3. (**) Designer to specify thickness of bedding material.
4. Include District Special Provision if needed.



℄ SECTION



SECTION A-A



TOP VIEW

STATION	W_O	L_P	L_A	H_S	H_B	D_1	D_2	D_3
1010+00	5′	10′	3′	0.5	2.5′	1.5′	1.5′	1.5′

NOTE B: WARP BASIN TO CONFORM TO NATURAL STREAM CHANNEL

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise noted.

1-1-97	RENUM. A-12.03, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

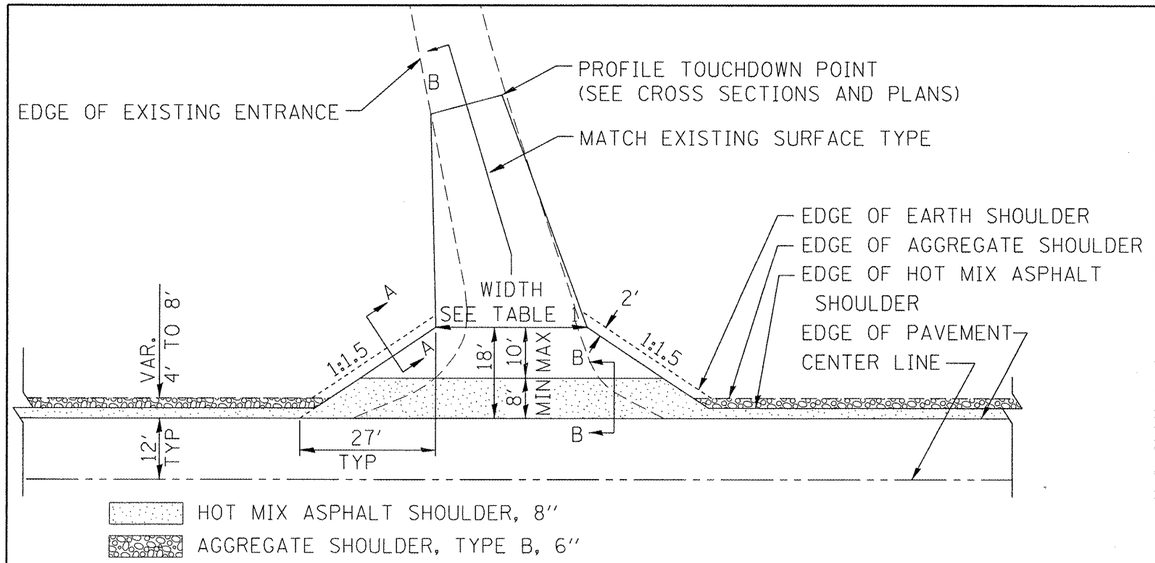
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIPRAP ENERGY DISSIPATOR

NOT TO SCALE

CADD STD. 281101-04

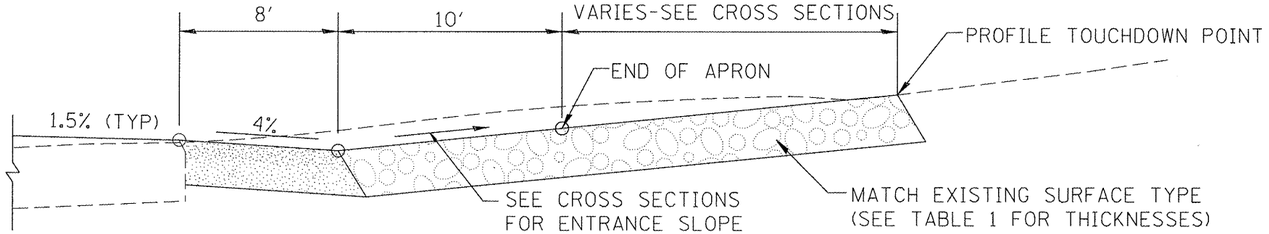
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	53
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN

COMMERCIAL / FARM-RELATED ENTRANCE

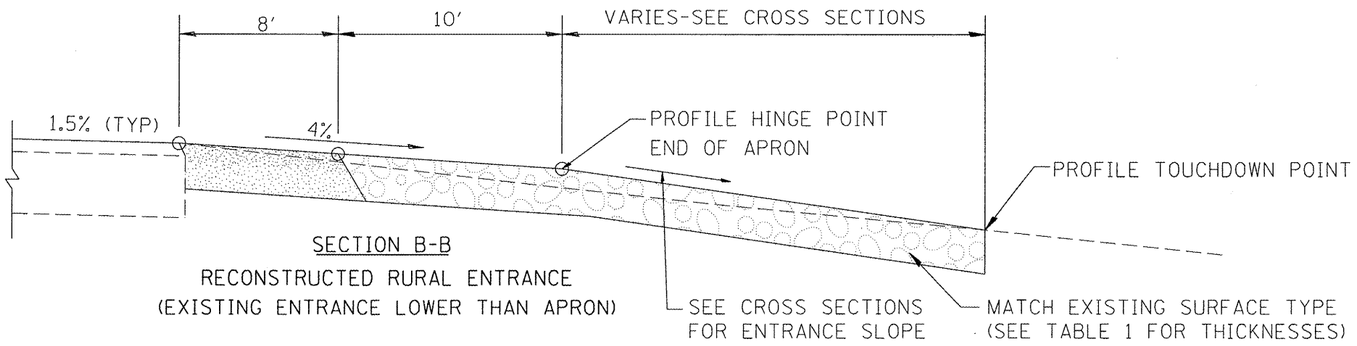
TABLE 1								
RURAL ENTRANCE DESIGN								
ELEMENT	NON-COMMERCIAL		NON-COMMERCIAL W/ LARGE FARM EQUIPMENT		COMMERCIAL			
					1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12'(3.6m) Min.	24'(7.2m) Max.	20' (6.1m)Max.	30' (9.0m)Max.	14'(4.3m) Min.	24'(7.2m) Max.	24'(7.2m) Min.	35'(10.7m) Max.
FLARE	1:1.5							
MAX. GRADE (G)	12%		12%		10%			
SURFACE TYPE								
INCIDENTAL HOT MIX ASPHALT SURFACING	6"		—		8"			
AGGREGATE SURFACE COURSE	6"		8"		8"			
PCC DRIVEWAY PAVEMENT	6"		—		7"			



SECTION B-B

RECONSTRUCTED RURAL ENTRANCE

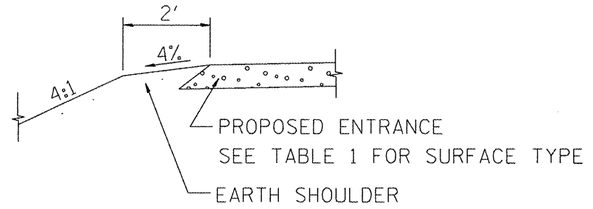
(EXISTING ENTRANCE HIGHER THAN APRON)



SECTION B-B

RECONSTRUCTED RURAL ENTRANCE

(EXISTING ENTRANCE LOWER THAN APRON)



SECTION A-A

SHOULDER TREATMENT FOR RURAL ENTRANCES

GENERAL NOTES

1. ENTRANCES SHALL SLOPE AWAY FROM THE PAVEMENT AT A RATE EQUAL TO THE SHOULDER SLOPE FOR A MINIMUM DISTANCE OF 8'.

2. A MINIMUM 8' PAVED SHOULDER SHALL BE CONSTRUCTED BETWEEN LOCATIONS WHERE THE RURAL ENTRANCE IS LESS THAN 50' FROM AN ADJACENT SIDEROAD, ENTRANCE OR MAILBOX TURNOUT.

3. A TAPER RATE OF 5:1 IS DESIRABLE WHEN TRANSITING FROM THE RURAL ENTRANCE WIDTH SHOWN IN TABLE 1, TO THE EXISTING ENTRANCE WIDTH.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-103.06, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
07-01-97	REVISE DESIGNER NOTES	J.A.			
01-17-03	ADJUST DESIGN, CHANGE ENTRANCE	JATR			
09-15-05	RADIUS FOR FLARE	M.M.A.			

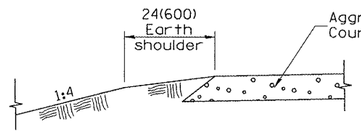
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCES FOR "3R" PROJECTS

NOT TO SCALE

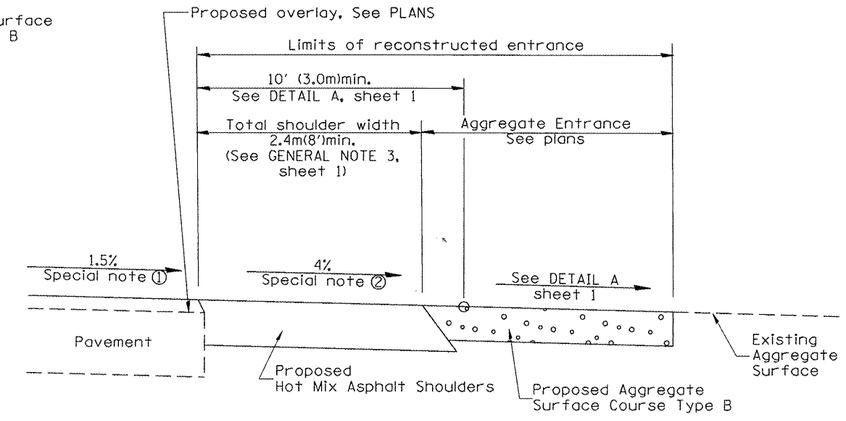
SHT. 1 OF 2
CADD STD. 406301-D4

F.AP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	54
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



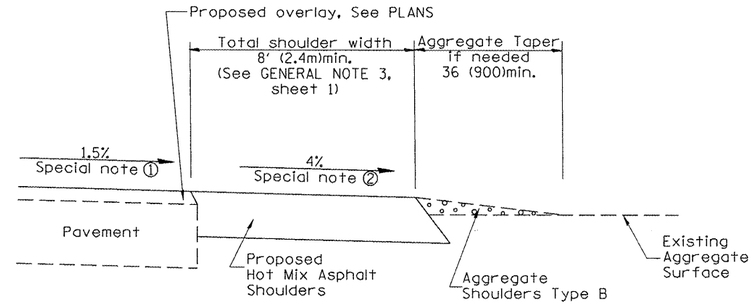
SECTION A-A

SHOULDER TREATMENT FOR AGGREGATE ENTRANCES



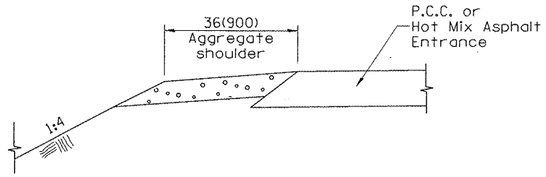
SECTION B-B

RECONSTRUCTED AGGREGATE ENTRANCE



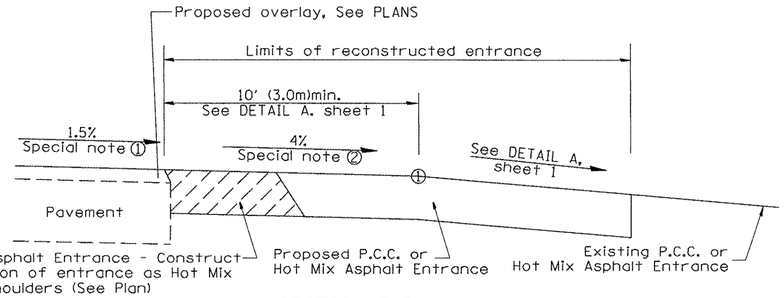
SECTION B-B

EXISTING AGGREGATE ENTRANCE



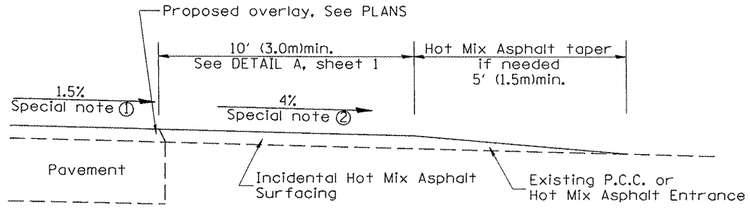
SECTION C-C

SHOULDER TREATMENT FOR P.C.C. OR HOT MIX ASPHALT ENTRANCES



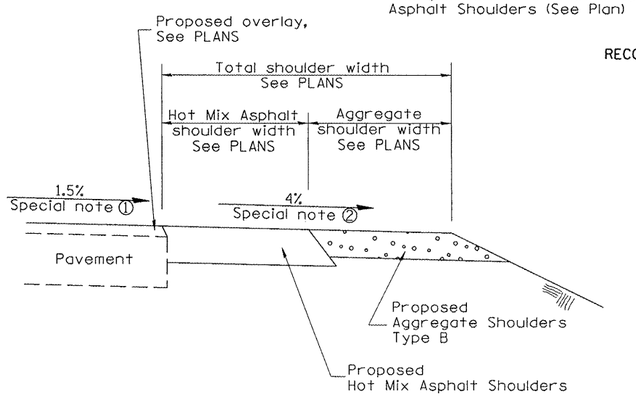
SECTION D-D

RECONSTRUCTED P.C.C. OR HOT MIX ASPHALT ENTRANCE



SECTION D-D

EXISTING P.C.C. OR HOT MIX ASPHALT ENTRANCE



SECTION E-E

MAINLINE SHOULDER TREATMENT

SPECIAL NOTES

(1) The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.

(2) The shoulder slope shall control the entrance profile for a distance of 10' (3.0m) minimum from the pavement edge. The shoulder cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6' (1.8m) and wider and 12% for shoulders 4' (1.2m) and less. Where 12' (366cm) paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All dimensions are in inches (millimeters) unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

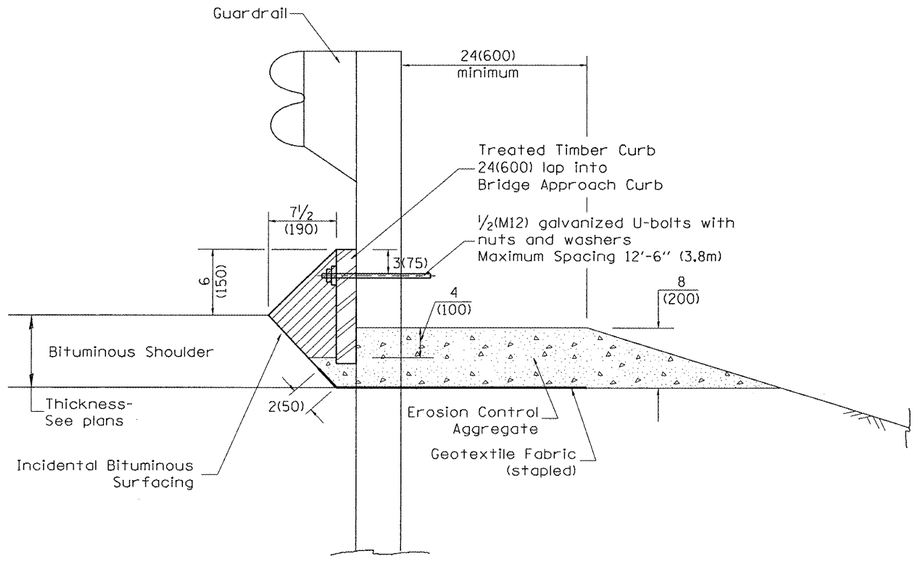
RURAL ENTRANCES FOR "3R" PROJECTS

NOT TO SCALE

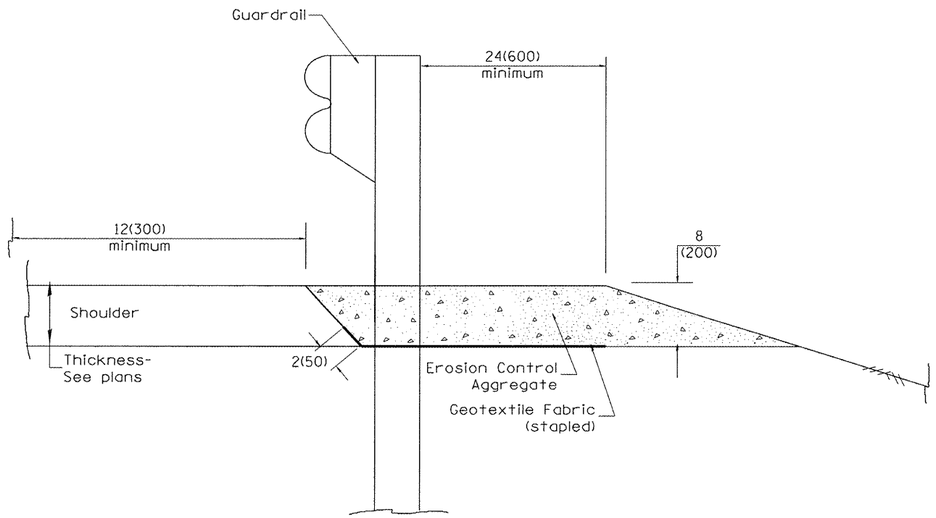
SHT. 2 OF 2
CADD STD. 406301-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	55
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

1. Use EROSION CONTROL CURB at guardrail installations where grades are equal to or greater than 1% and at inlets. [Include District Special Provision]
2. Use GUARDRAIL AGGREGATE EROSION CONTROL at guardrail installations where grades are less than 1% (include District Special Provision)
3. Include State Standards 609001, 609006 or 610001 if applicable.
4. Include the following District Cadd Standards as needed: Slope Drains for Exposed Pipes; Slope Drains for Buried Pipes; Seepage Collars for Buried Pipes; Seepage Collars for Exposed Pipes; Concrete Thrust Blocks and Pipe Elbow.
5. Include District Special Provision -"Aggregate Quality" for projects located in the Western Area of the District - approx. dividing line is IL 97.



TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

GENERAL NOTES: EROSION CONTROL CURB

1. This work shall consist of grading as needed, installing hardware and treated timber boards, furnishing and placing mastic material and incidental bituminous surfacing in front of Steel Plate Beam Guardrail in accordance with Plan Details.

2. Timber shall be treated in accordance with Article 1007.12. All preservatives specified in the article will be allowed. Waterborne preservatives "asa" and "cca" shall have a minimum retention of 0.40 lbs./cu. ft. (6.4 kg/m³)

GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.

2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.

3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.

4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.

5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.

6. Materials shall meet the following requirements:

A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.

B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-22.01. NEW REVISION BOX	T.P.											
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.											
11-03-00	CORRECTION TO NOTES	M.A.											
10-16-06	REVISED TO 2007 SPEC.	M.A.											

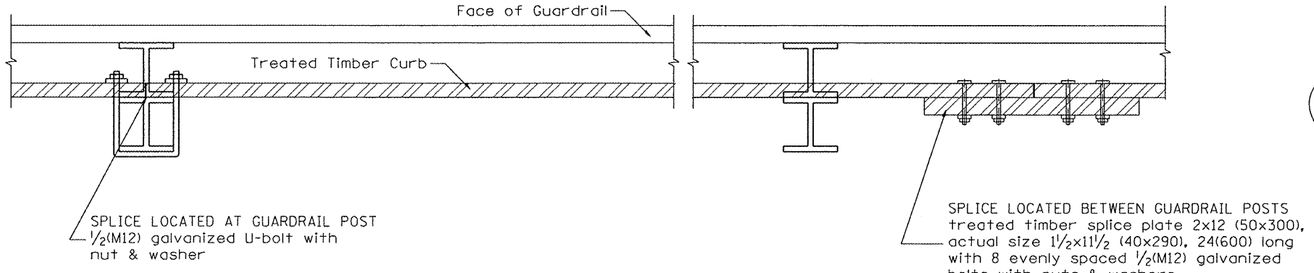
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL EROSION CONTROL TREATMENTS

NOT TO SCALE

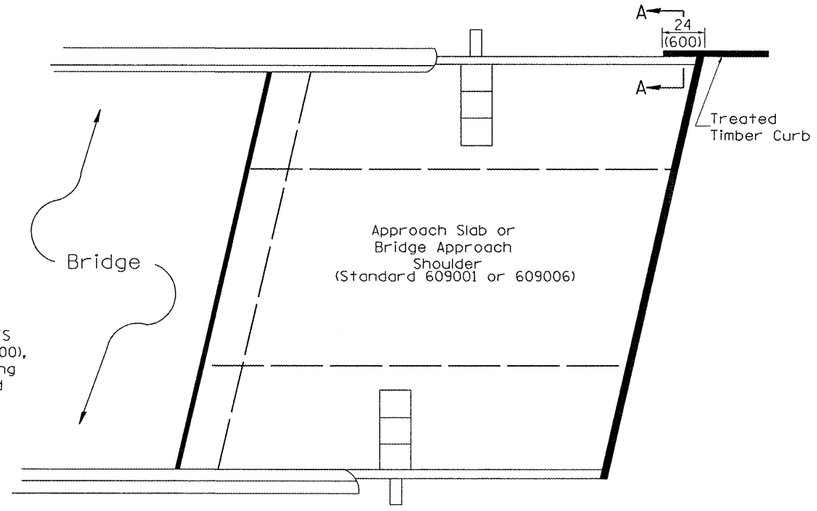
SHT. 1 OF 2
CADD STD. 630101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	56
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



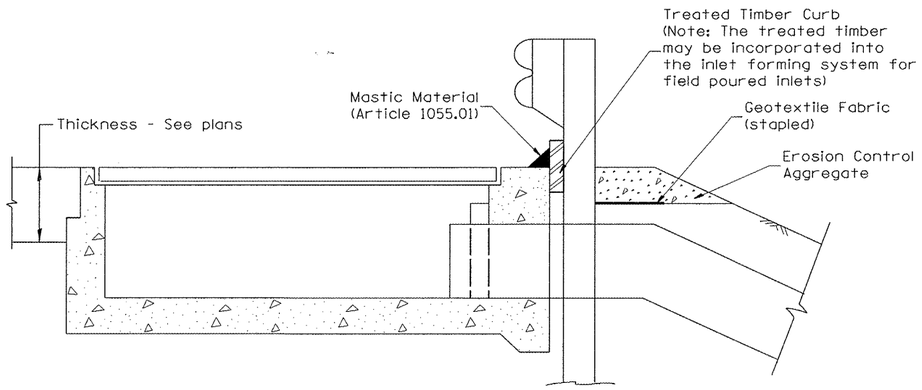
DETAIL A

(Typical Treated Timber Splices)

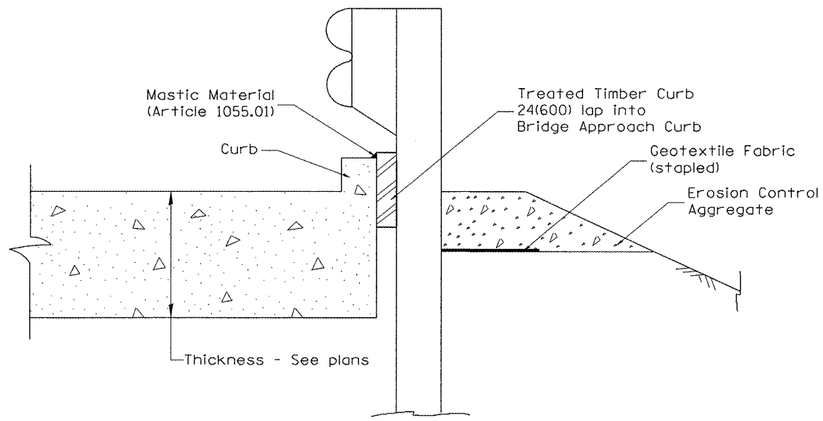


PLAN VIEW

APPROACH SLAB OR BRIDGE APPROACH SHOULDER
(STANDARD 609001 or 609006)



TYPICAL SECTION WITH EROSION CONTROL CURB
AT INLETS TYPE E & F (STANDARD 610001)



SECTION A-A

TYPICAL SECTION WITH EROSION CONTROL CURB
AT BRIDGE APPROACH CURB
(STANDARD 609001 OR 609006)

All dimensions are in inches (millimeters)
unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

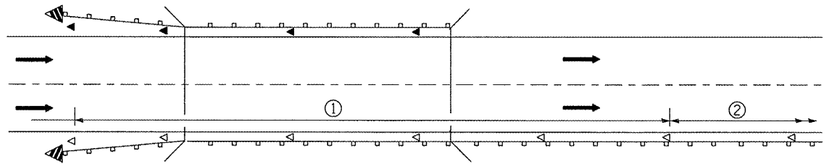
GUARDRAIL EROSION CONTROL TREATMENTS

SHT. 2 OF 2

NOT TO SCALE

CADD STD. 630101-D4

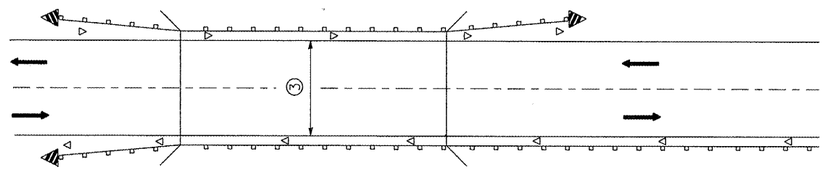
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	57
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



① Spacing 80 ft. (24 m) max. for first 400 ft. (122 m) or curve spacing shown in Standard 635001, whichever is less (min. 4 reflectors regardless of length).

② After 400 ft. (122 m), transition to normal delineator spacing shown in Standard 635001, and continue as required.

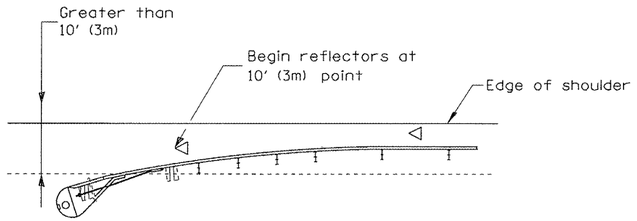
ONE-WAY TRAFFIC



③ Bidirectional silver/silver should be used in lieu of monodirectional silver on both sides of two-lane bridges where the bridge pavement is less than 24 (610) wider than the pavement approaching the bridge.

TWO-WAY TRAFFIC

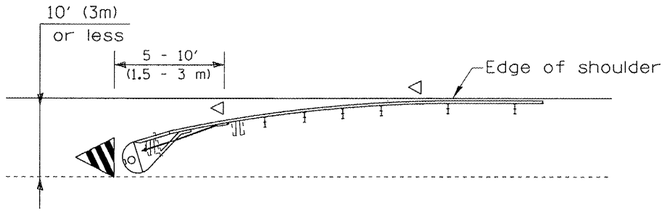
GUARDRAIL / BARRIER WALL / BRIDGE RAIL REFLECTORS



NOTE: Omit terminal marker when terminal over 10' (3m) from edge of paved shoulder or break point of unpaved shoulder, or when terminal buried in backslope.

Traffic Barrier Terminal Type(•) and/or
Turned-Down Terminal

[Terminal over 10' (3m) from edge of shoulder]
•See Plans for Type



Traffic Barrier Terminal Type(•) and/or
Turned-Down Terminal

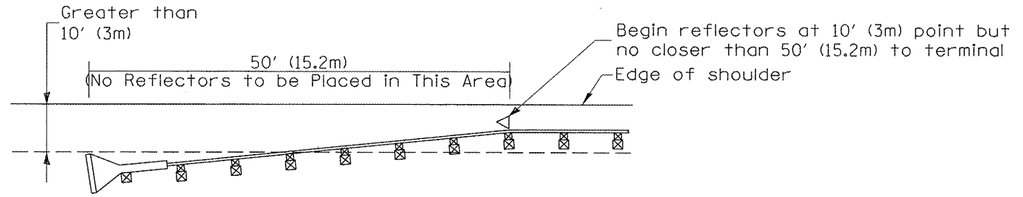
[Terminal over 10' (3m) or less from edge of shoulder]
•See Plans for Type

LEGEND

◁ Monodirectional silver

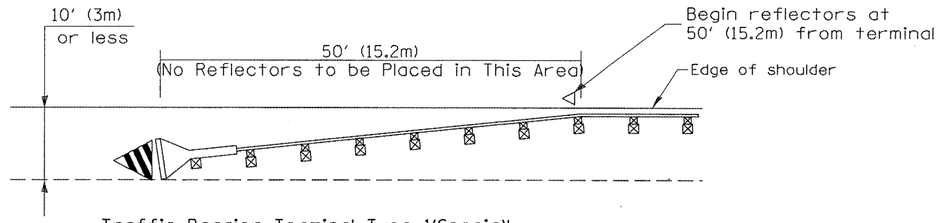
◀ Monodirectional amber

Terminal Marker - Black/Yellow
Left or Right as appropriate



NOTE: Omit terminal marker when terminal over (10') from edge of paved shoulder or break point of unpaved shoulder.

Traffic Barrier Terminal Type 1 (Special)
[Terminal over 10' (3m) from edge of shoulder]



Traffic Barrier Terminal Type 1(Special)
[Terminal 10' (3m) or less from edge of shoulder]

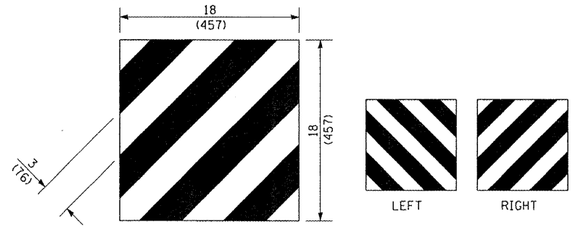
TERMINAL MARKER PLACEMENT

All dimensions are in inches (millimeters) unless otherwise noted.

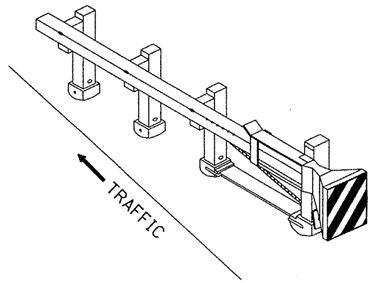
DESIGNER NOTES:

1. INCLUDE APPROPRIATE SPECIAL PROVISIONS FOR "GUARD RAIL DELINEATION POLICY: 1. FROM INTERIM SPECIAL PROVISIONS 94-74; "GUARDRAIL AND BARRIER WALL DELINEATION."
2. IF POST MOUNT TERMINAL MARKER IS USED, INCLUDE STATE STD. 720011.

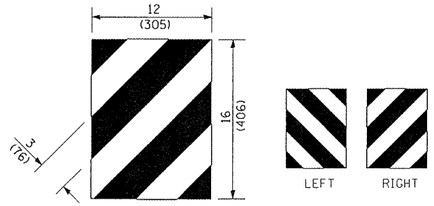
01-01-97	RENUM. E-10.02, NEW REVISION BOX	T.P.				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL AND BARRIER WALL DELINEATION	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
03-01-97	CORRECT STD. SPEC. "	J.A.						407	55-3HB-1	McDONOUGH	103	58
10-16-06	REVISED TO 2007 SPEC.	M.A.					SHT. 1 OF 3			CONTRACT NO. 68A41		
							NOT TO SCALE CADD STD. 635101-D4	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



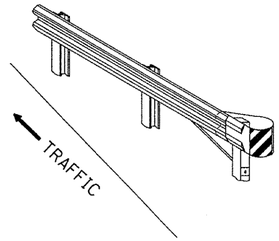
For Traffic Barrier Terminal Type 1 (Special)



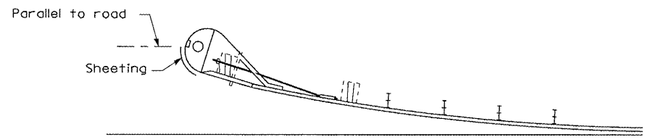
Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type 1 (Special)



For Traffic Barrier Terminal Type (•)
and Post Mount
• See Plans for Type



Standard Treatment - Direct Applied Sheeting
Traffic Barrier Terminal Type (•)
• See Plans for Type



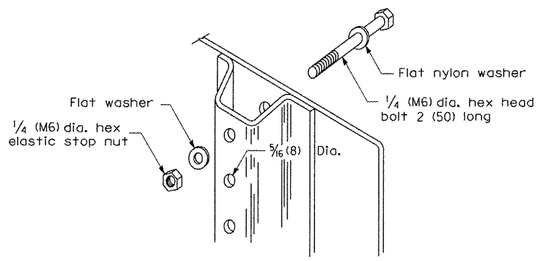
Sheeting Position for
Traffic Barrier Terminal Type (•)
• See Plans for Type

TERMINAL MARKER DETAILS

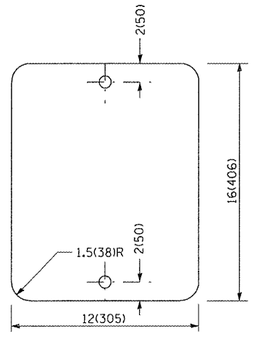
Color: Black / Yellow reflectorized

OM - I100 (L or R) Direct applied reflective sheeting

OM - I200 (L or R) Post mounted

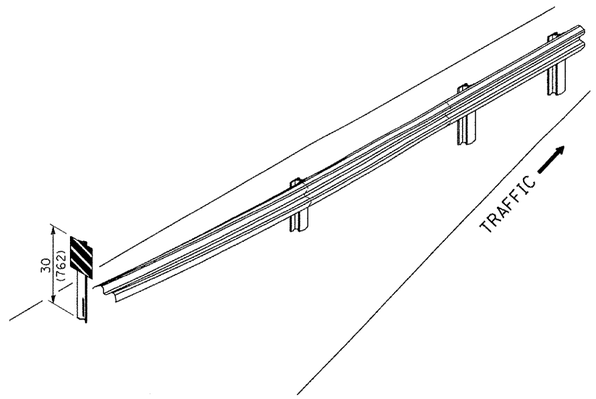


DETAIL OF MOUNTING TERMINAL MARKER TO POST



STANDARD TERMINAL MARKER

POST MOUNTED TERMINAL MARKER ASSEMBLY



ALTERNATE TREATMENT - POST MOUNTED
(For turned-down terminal where sheeting cannot be direct applied)

TERMINAL MARKER TREATMENTS

GENERAL NOTES

All dimensions are in inches (millimeters) unless otherwise noted.

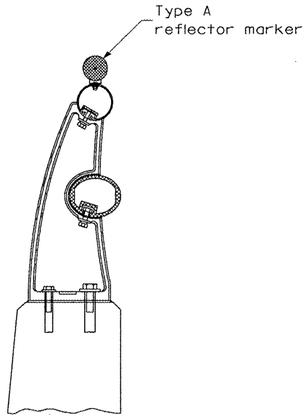
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

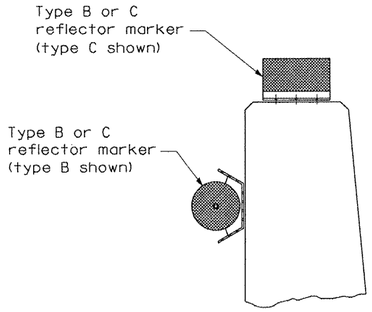
NOT TO SCALE

SHT. 2 OF 3
CADD STD. 635101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	59
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

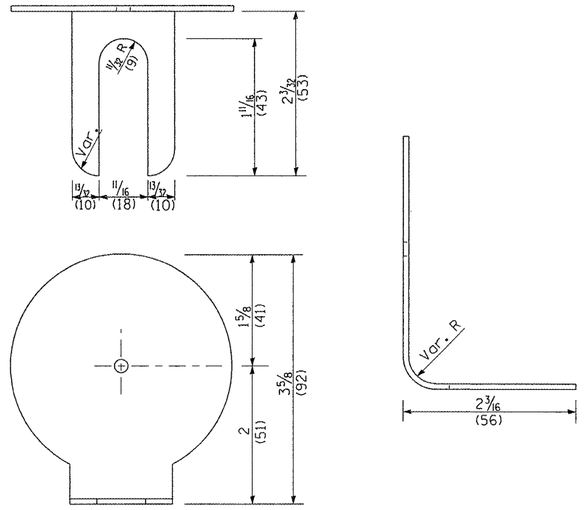


TYPICAL MOUNTING DETAIL
FOR BRIDGE RAIL REFLECTOR

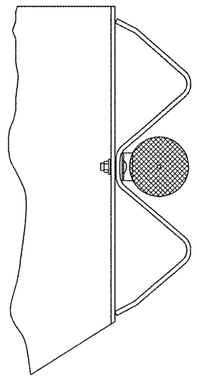


TYPICAL MOUNTING DETAIL
FOR BARRIER WALL REFLECTOR

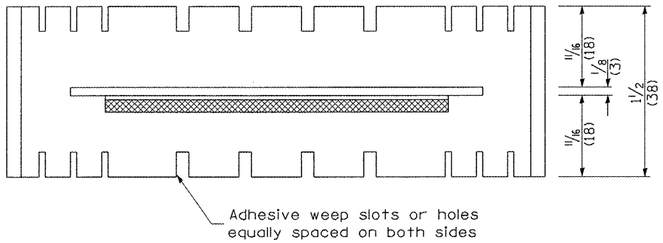
REFLECTOR MOUNTING

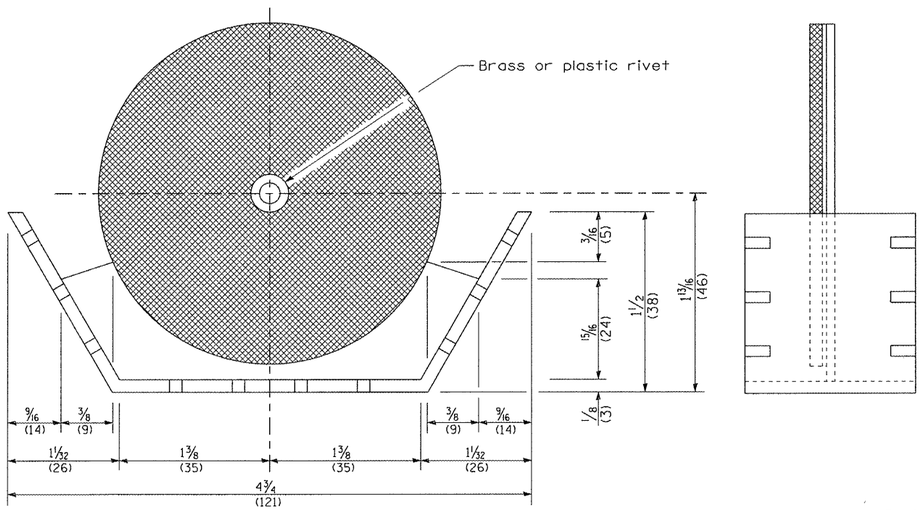


REFLECTOR MARKER TYPE A

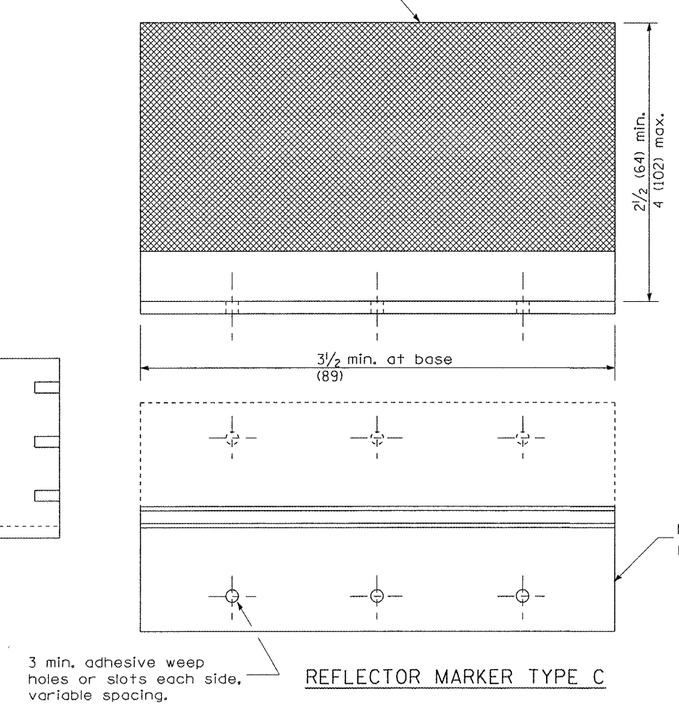


TYPICAL GUARDRAIL MOUNTING WITH
REFLECTOR MARKER TYPE A

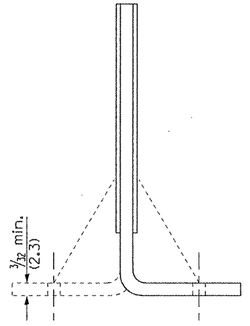




REFLECTOR MARKER TYPE B



REFLECTOR MARKER TYPE C



Cross section may be "T"
or "L" shaped and may have
side supports at ends.

REFLECTORS

All dimensions are in inches (millimeters)
unless otherwise noted.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL AND BARRIER WALL DELINEATION

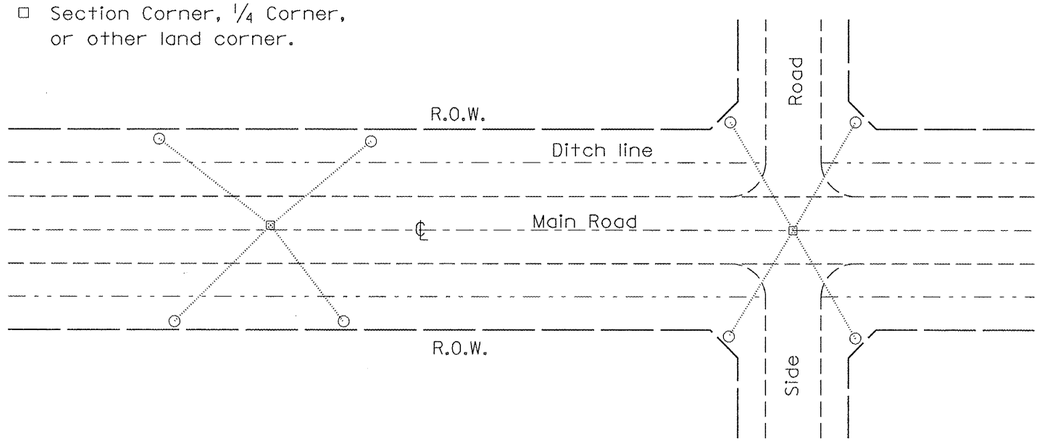
SHT. 3 OF 3
NOT TO SCALE
CADD STD. 635101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	60
		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

DESIGN NOTES:
1. ADD DISTRICT SPECIAL PROVISION IF PLACING A TYPE 1 MARKER ON A STRUCTURE.
2. MODIFIES STATE STD 667101. DON'T USE STATE STD IF USING CADD STANDARD
3. PERMANENT SURVEY MARKERS SHALL BE PLACED TO PERPETUATE THE SURVEY LINES OF DIVIDED HIGHWAYS AND THE CENTERLINE OF ALL OTHERS WHERE THESE LINES HAVE BEEN ESTABLISHED BY SURVEY.
4. PERMANENT SURVEY MARKERS SHALL BE PLACED AT ALL LAND SECTION CORNERS WITHIN THE STATE R.O.W. WHERE THE MONUMENTS HAVE BEEN FOUND OR RELOCATED BY SURVEY.

PERMANENT SURVEY TIES

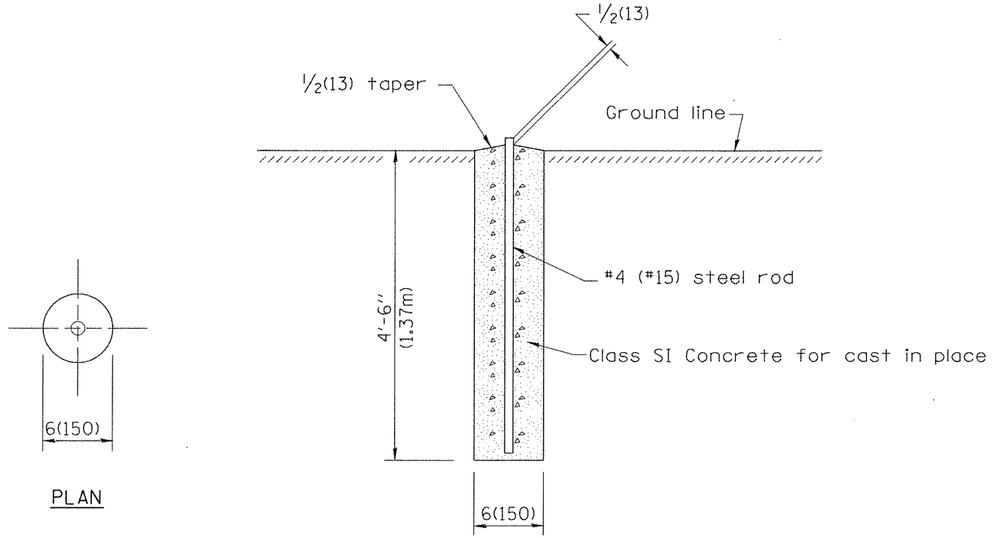
○ Permanent Survey Tie
□ Section Corner, 1/4 Corner, or other land corner.



TYPICAL APPLICATION

GENERAL NOTES

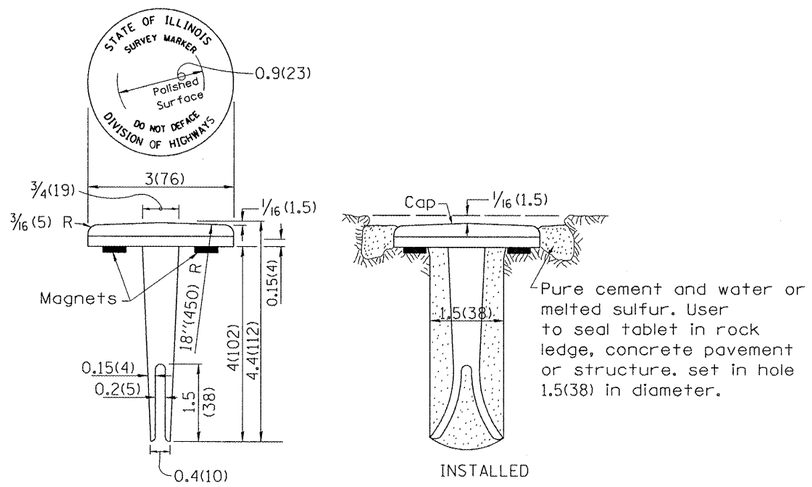
1. The marker shall be cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured and recorded by the surveyor setting the PSM. All ties shall be turned over to the IDOT Chief of Surveys or Chief of Plats for recordation.
4. All documentation shall be performed by a PLS



PLAN

SECTION

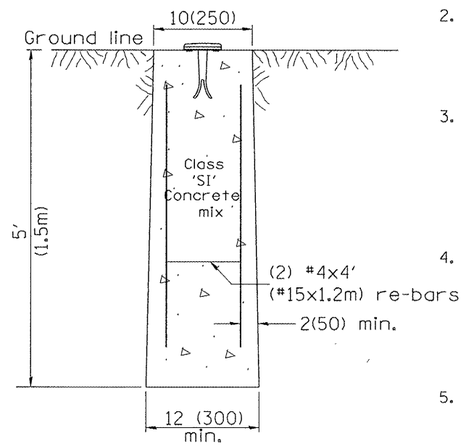
PERMANENT SURVEY MARKERS



TYPE I

GENERAL NOTES

1. All type II markers shall be cast in place, and precast markers will not be allowed.
2. Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
3. The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s, P.C.'s, and P.I.'s located within the R.O.W. of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 1000' (300m).
4. The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
5. The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.



MARKER CAST IN PLACE
TYPE II

All dimensions are in inches (millimeters) unless otherwise noted.

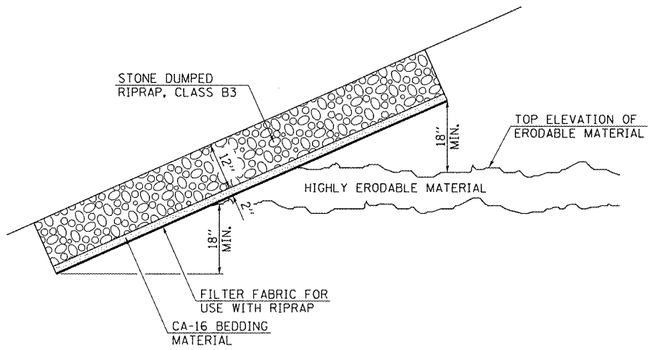
01-01-97	RENUM. D-3.01, NEW REVISION BOX, REVISED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
	TITLE BOX, ADD DESIGNER NOTE		01-04-11	REVISED FOR CORRECTIONS	R.D.
07-07-98	ADD DESIGNER NOTE	J.A.			
05-24-06	REMOVED GEN. NOTE UNDER TIES	M.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

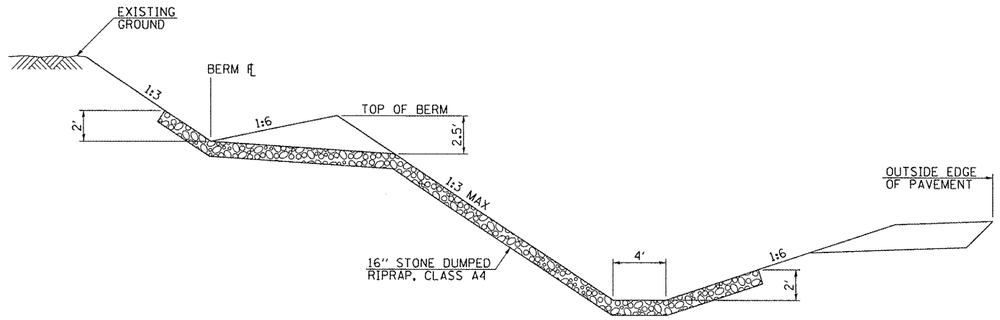
PERMANENT SURVEY TIE & PERMANENT SURVEY MARKERS TY.I – TY.II

NOT TO SCALE — CADD STD. 667101-D4

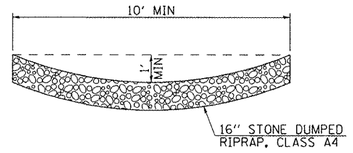
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 68A41		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



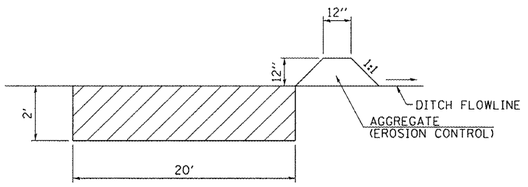
TYPICAL STONE RIPRAP SLOPE PROTECTION



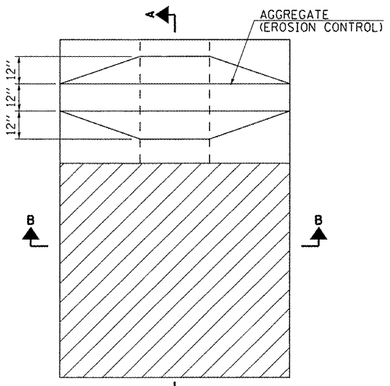
ELEVATION VIEW



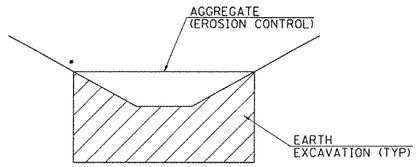
SECTION C-C



SECTION A-A



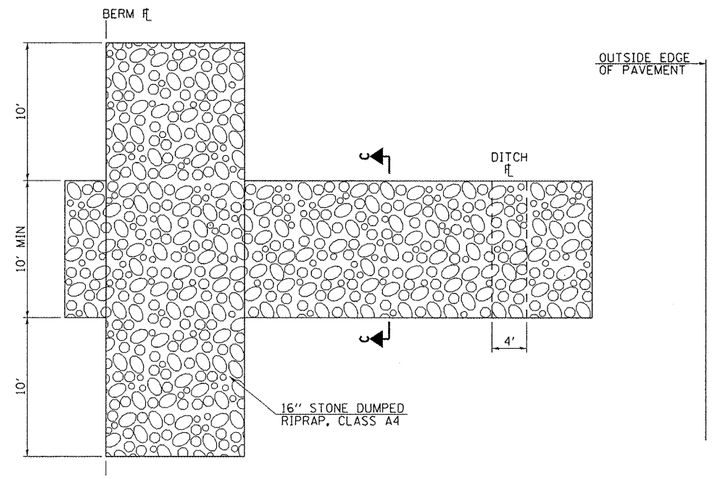
PLAN VIEW



SECTION B-B

SEDIMENT BASIN

- SEE SCHEDULE FOR DETAILS



PLAN VIEW

RIPRAP AT BACKSLOPE OF BERM OUTLET

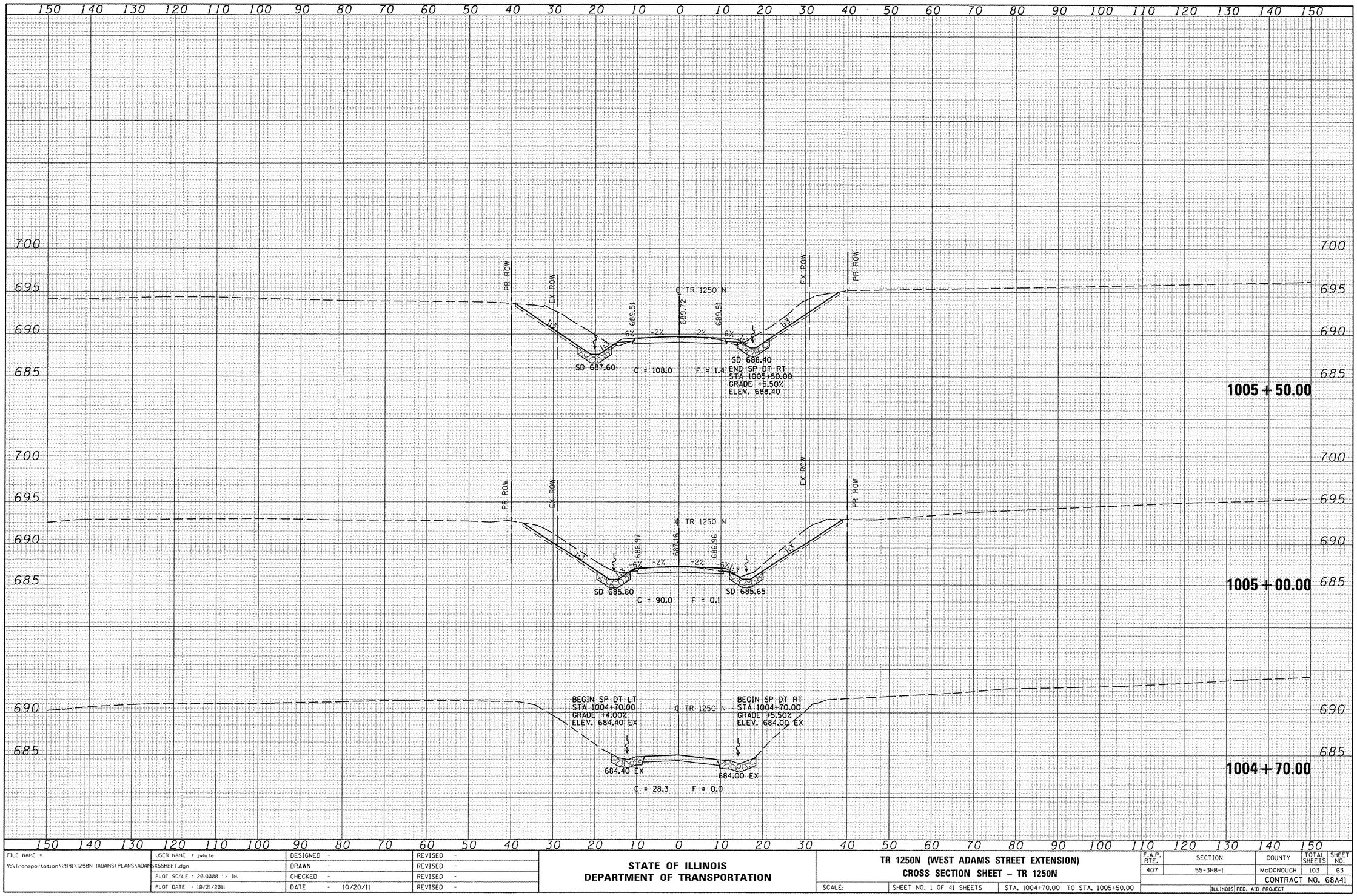
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	62
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



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

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

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 1 OF 41 SHEETS | STA. 1004+70.00 TO STA. 1005+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	63
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

695
690
685

TEMP ESMT.
PR ROW
EX ROW
13.38% PE
-6%
690.98
-2%
℄ TR 1250 N
691.20
-2%
690.98
-6%
EX ROW
692.84
PR ROW
C = 25.5
F = 31.9

PE LT
1006 + 21.73

695
690
685

PR ROW
EX ROW
691.23
690.79
-6%
-2%
℄ TR 1250 N
691.01
-2%
690.79
-6%
9.74%
EX ROW
PR ROW
693.81
TEMP ESMT.
SD 689.60
C = 27.5
F = 7.1

END SR DT LT
STA 1006+00.00
GRADE +4.00%
ELEV. 689.60

1006 + 00.00

695
690

PR ROW
EX ROW
690.56
-6%
-2%
℄ TR 1250 N
690.77
-2%
690.56
-6%
+10.40%
EX ROW
PR ROW
TEMP ESMT.
SD 689.04
C = 47.9
F = 2.3

PE RT
1005 + 85.88

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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

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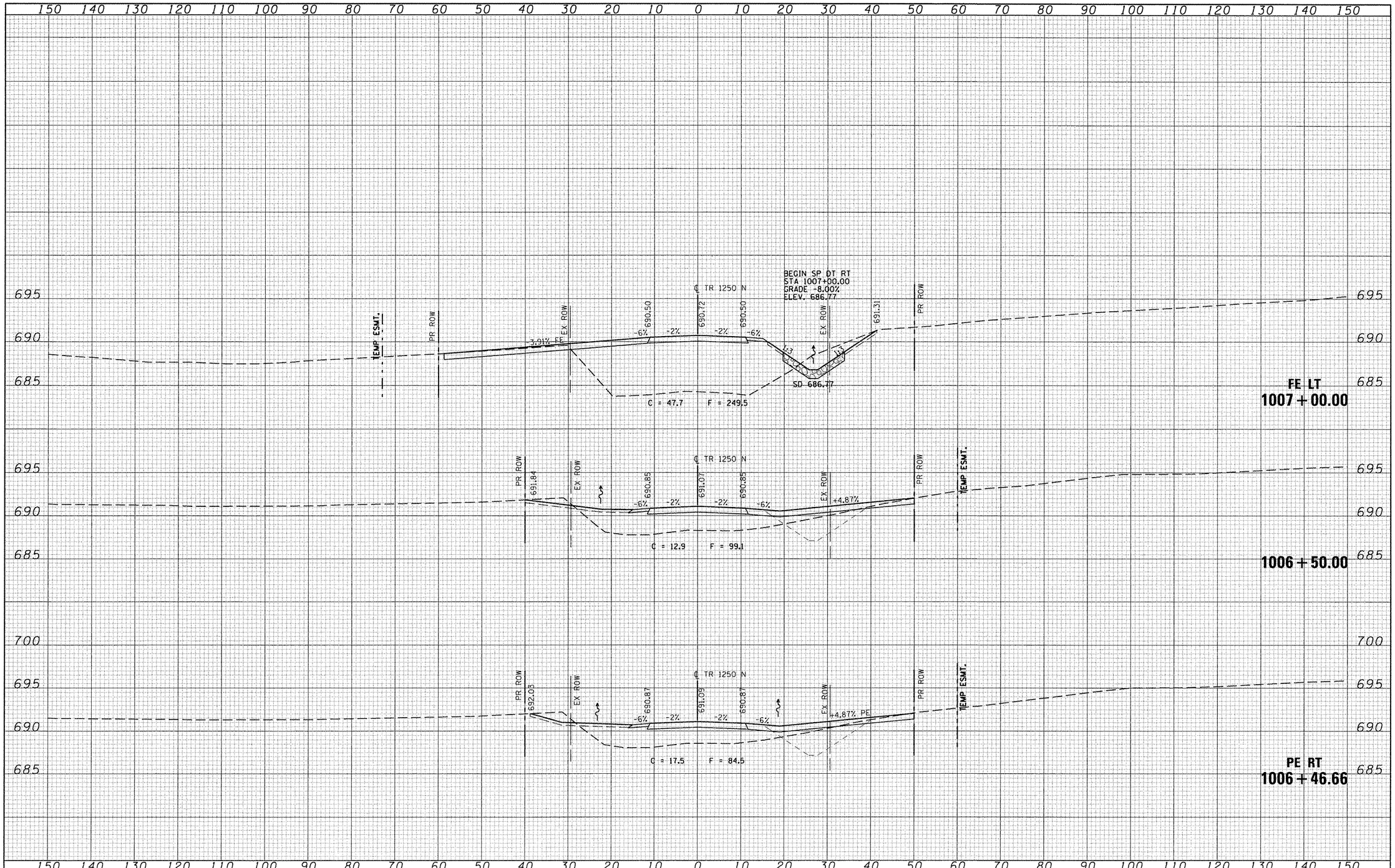
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 2 OF 41 SHEETS | STA. 1005+85.88 TO STA. 1006+21.73

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	64
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

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



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

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		DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

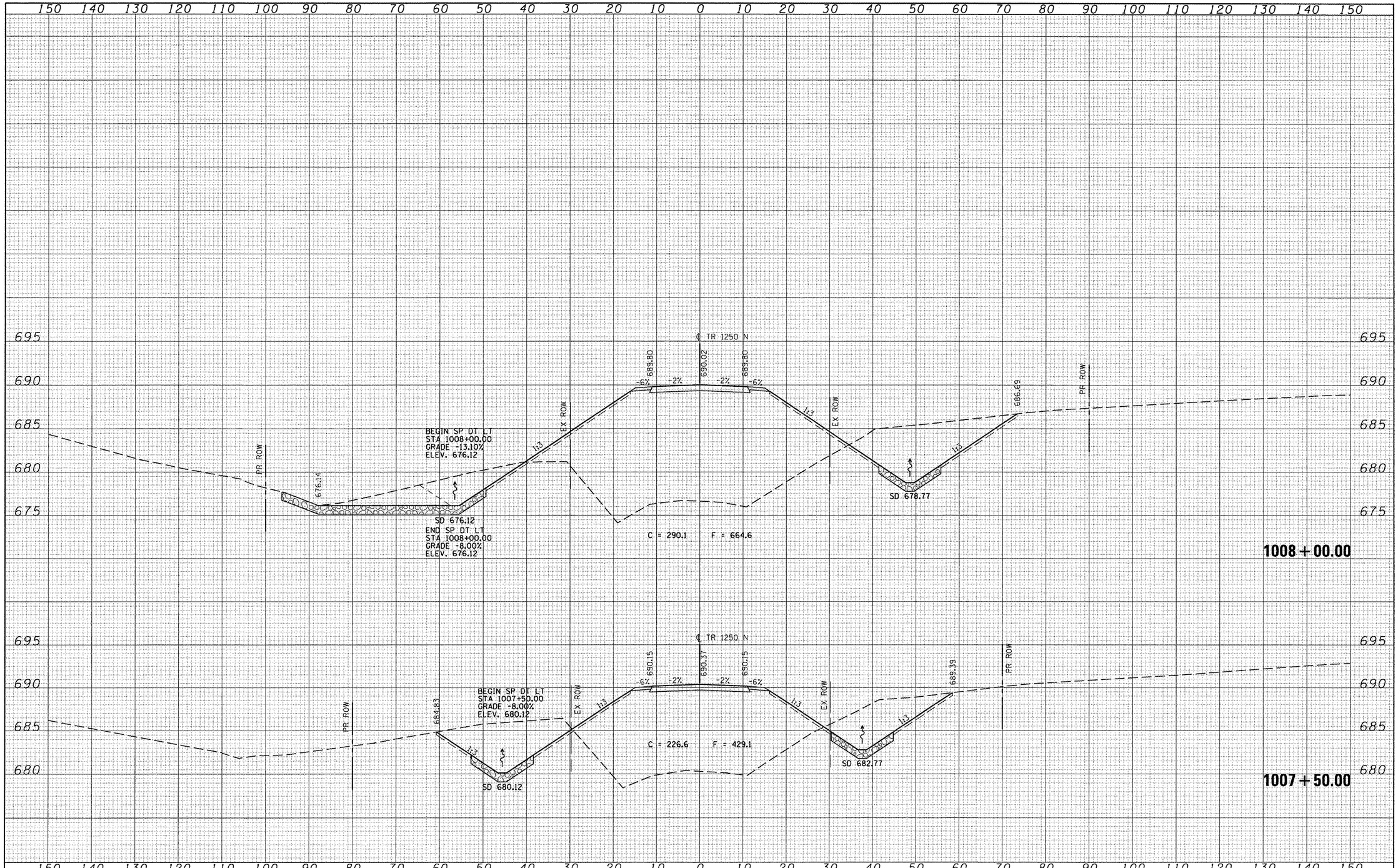
TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 3 OF 41 SHEETS | STA. 1006+46.66 TO STA. 1007+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	65
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

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

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SURVEYED	BY	
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		DATE



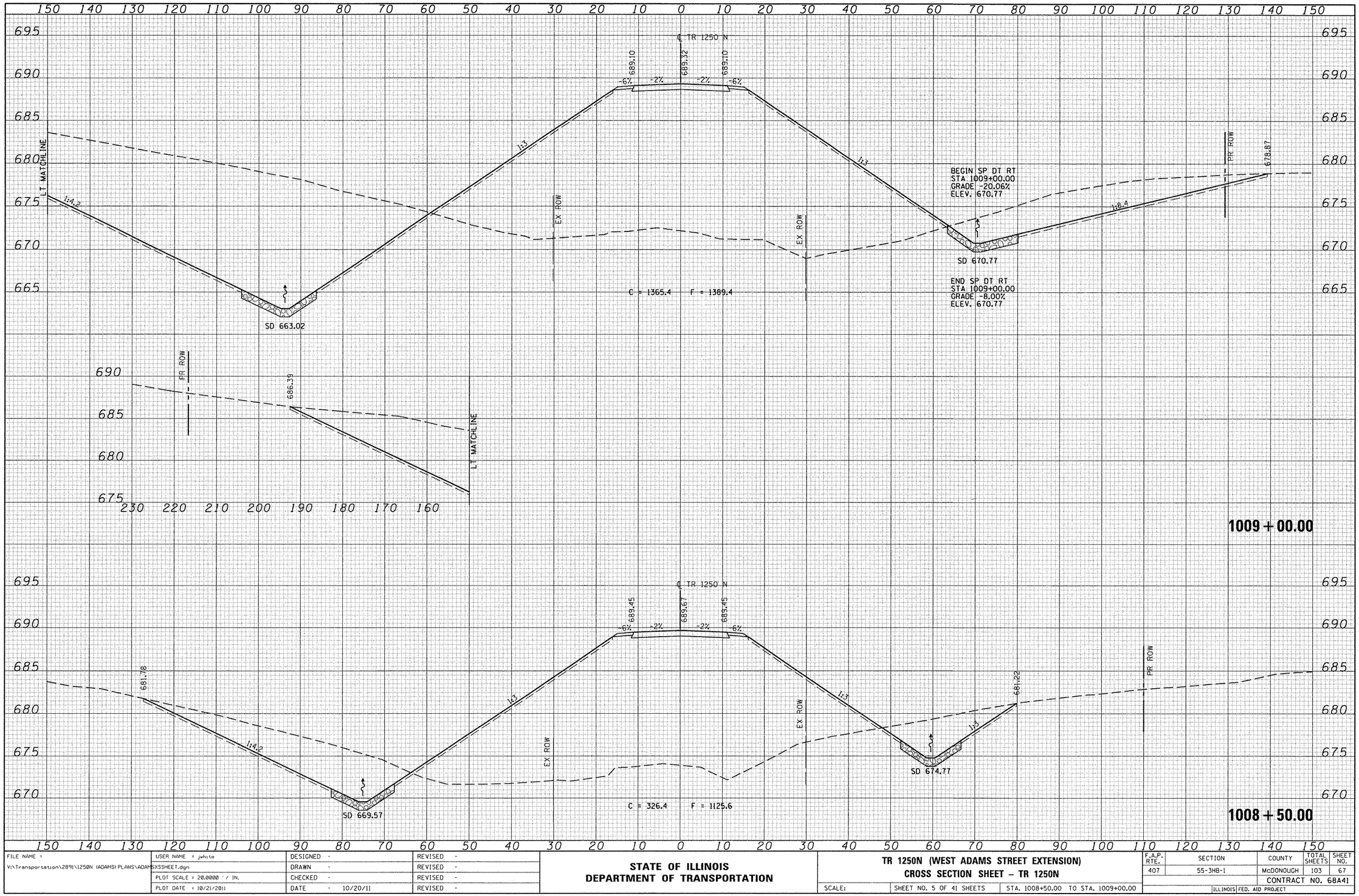
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 4 OF 41 SHEETS | STA. 1007+50.00 TO STA. 1008+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	66
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



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

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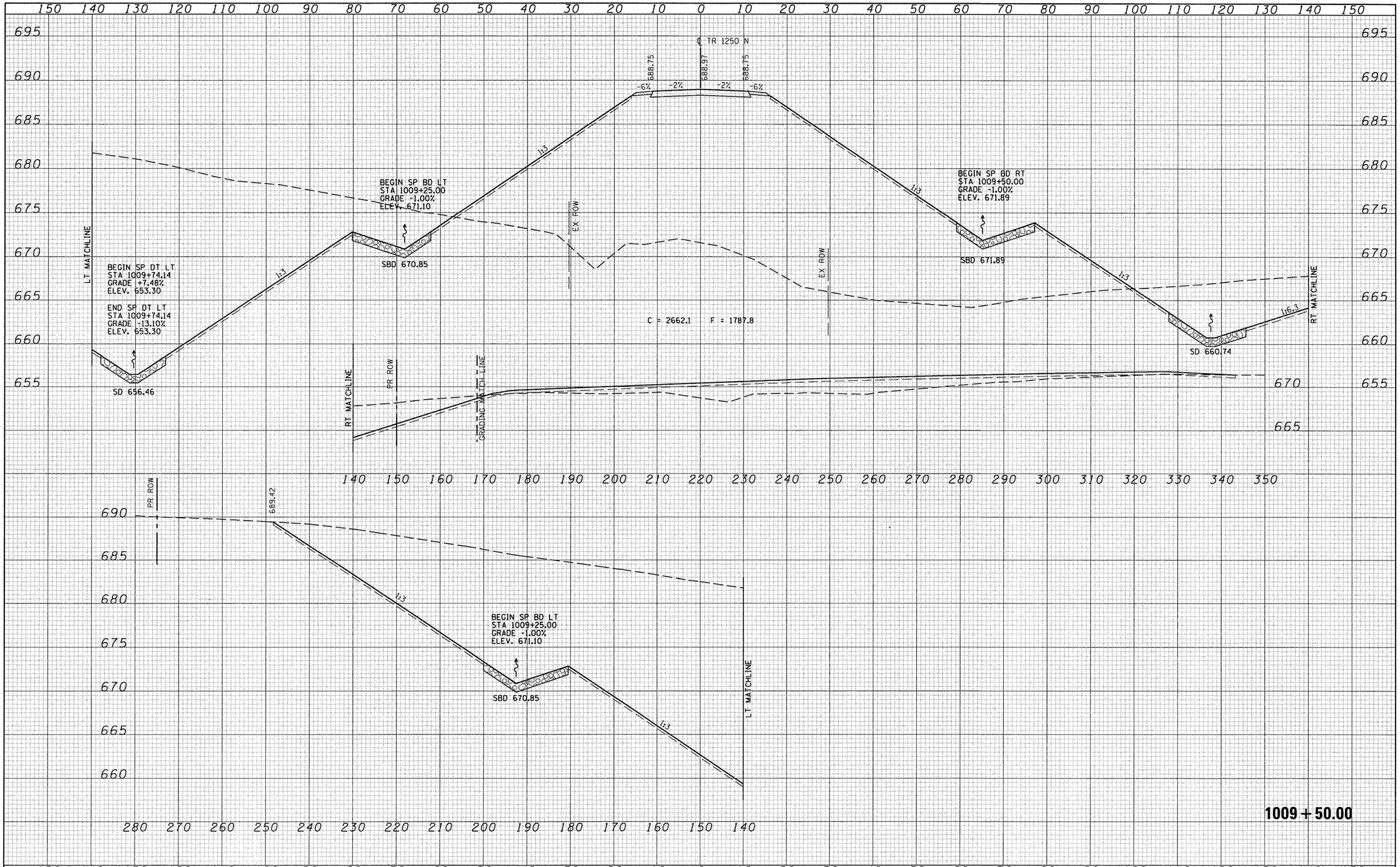
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 5 OF 41 SHEETS | STA. 1008+50.00 TO STA. 1009+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	67
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			



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

FINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
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AREAS CHECKED		

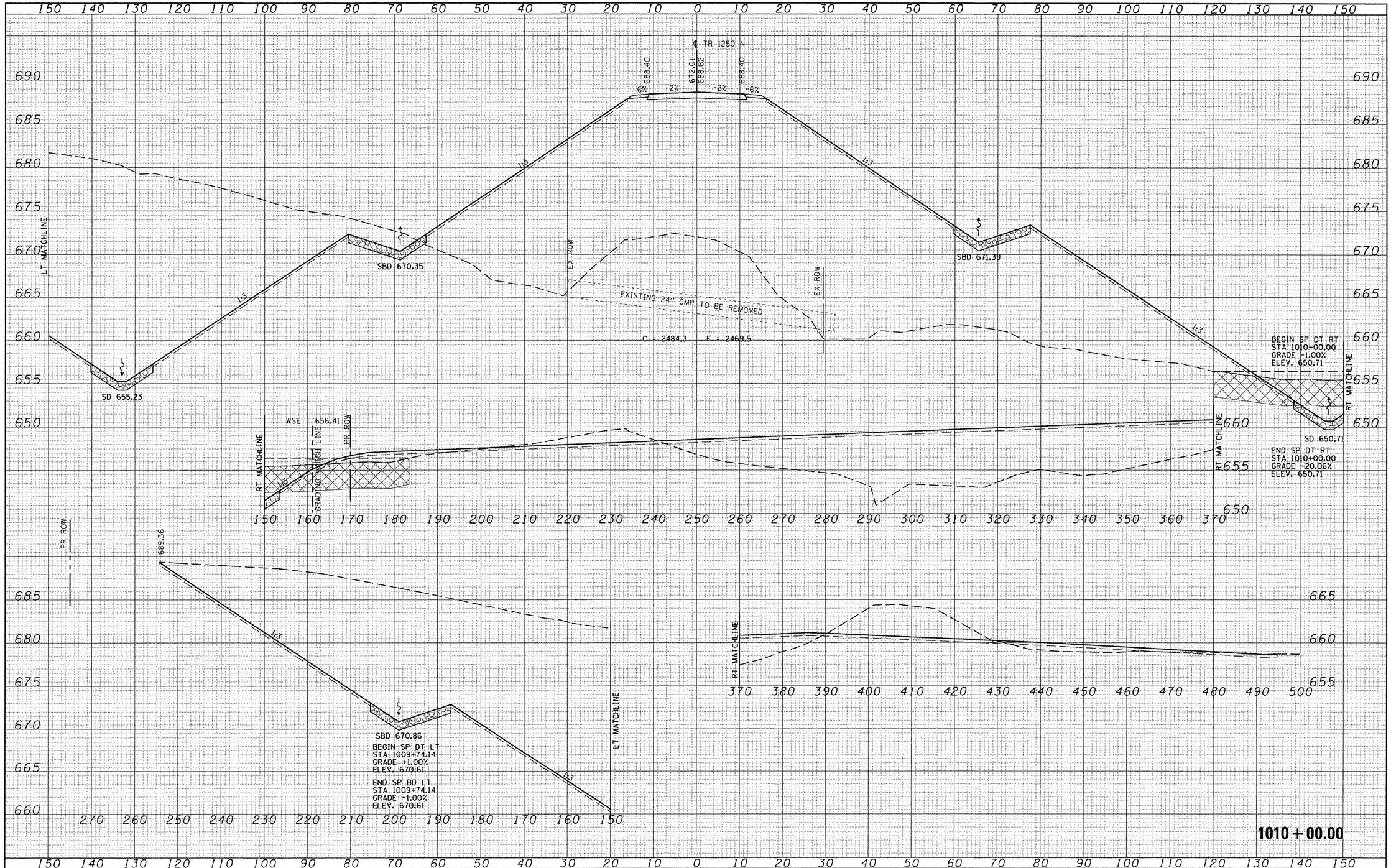
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 6 OF 41 SHEETS | STA. 1009+50.00 TO STA. 1009+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	68
		CONTRACT NO. 68A41		
		ILLINOIS	FED. AID PROJECT	



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	PLOT DATE = 10/21/2011	CHECKED -	REVISED -
		DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 7 OF 41 SHEETS | STA. 1010+00.00 TO STA. 1010+00.00

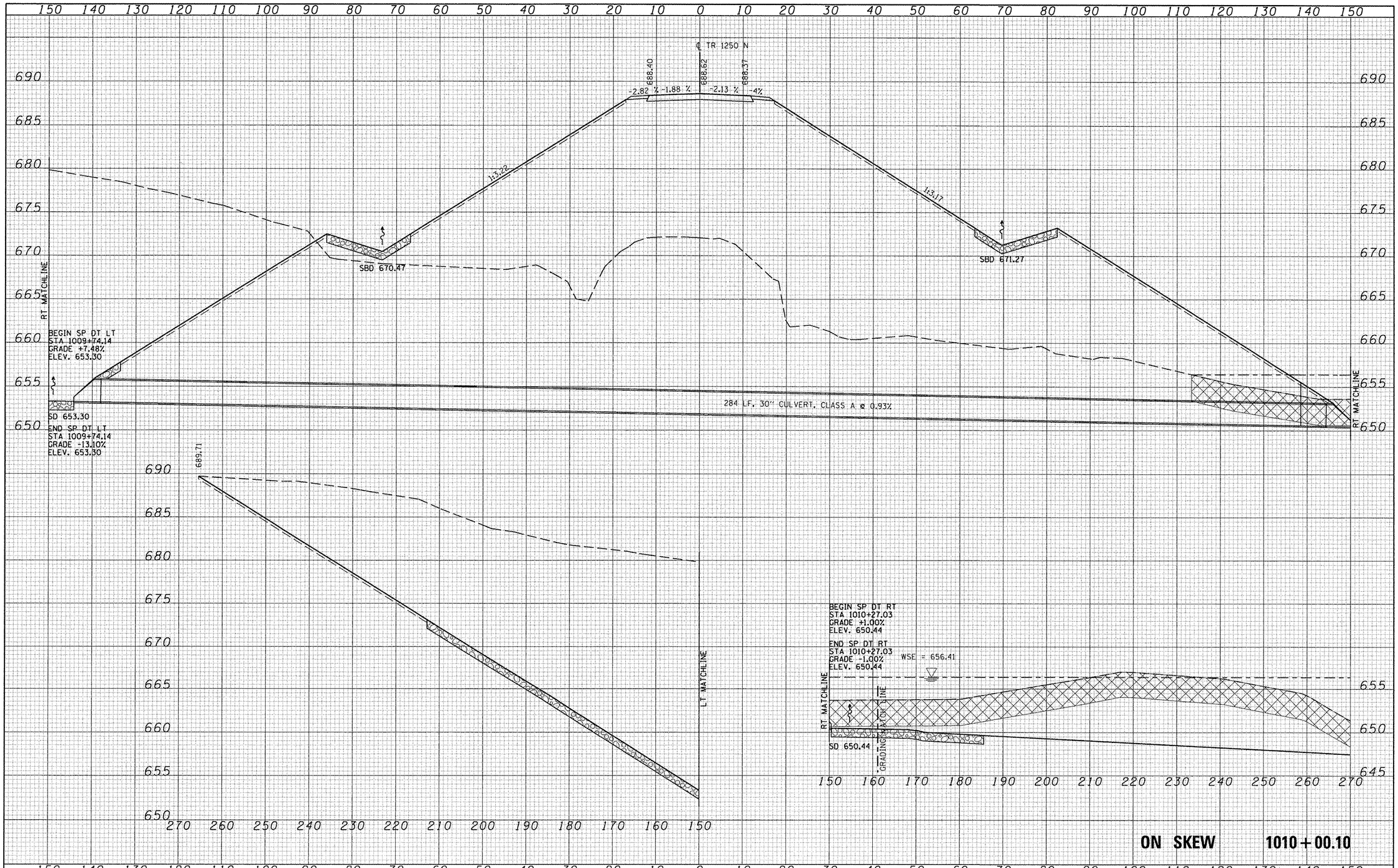
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	69

CONTRACT NO. 68A41

ILLINOIS | FED. AID PROJECT

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

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



ON SKEW 1010 + 00.10

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		DATE - 10/20/11	REVISED -		STA. 1010+00.10 TO STA. 1010+00.10

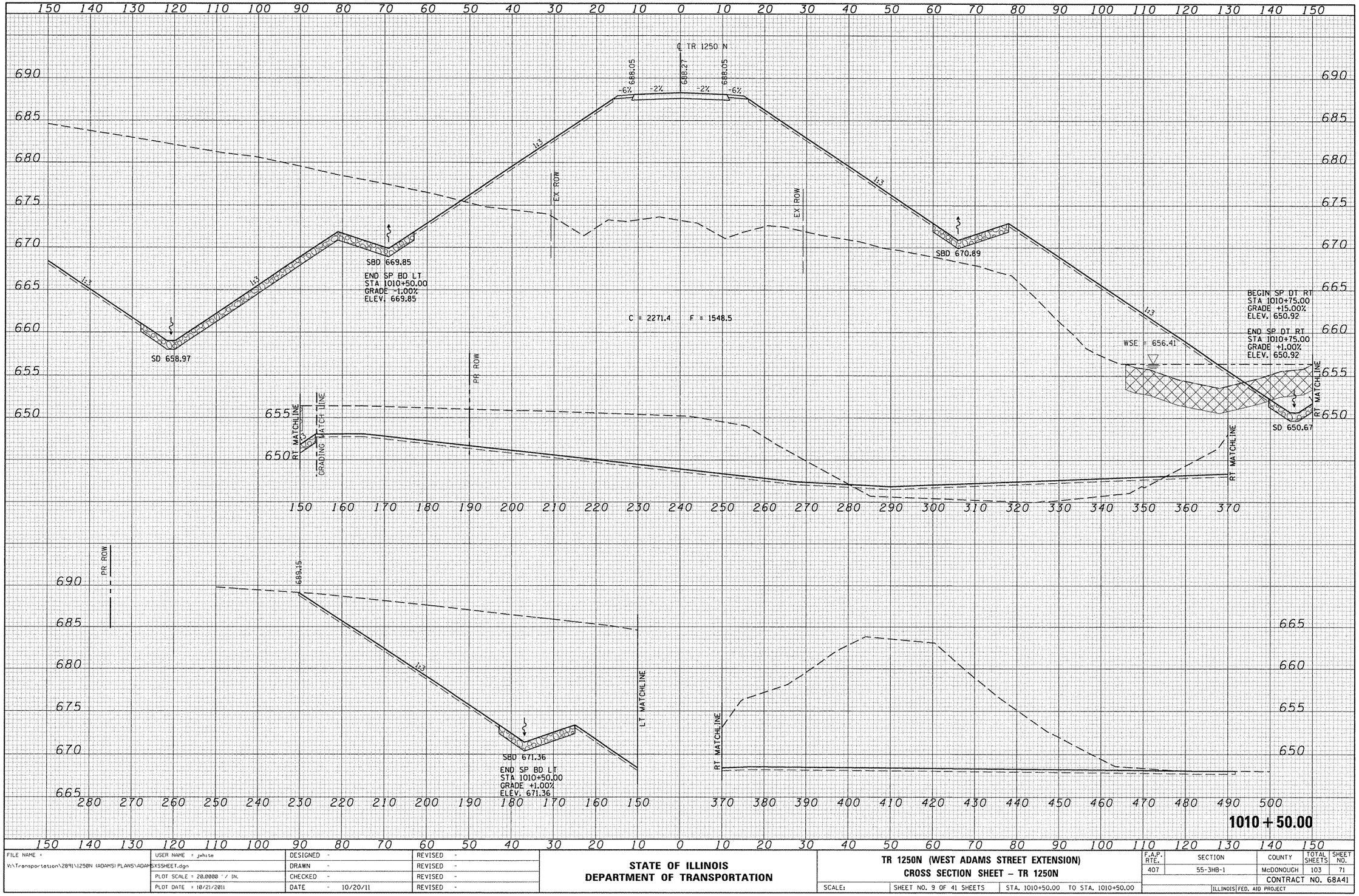
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	70
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

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

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

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

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



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

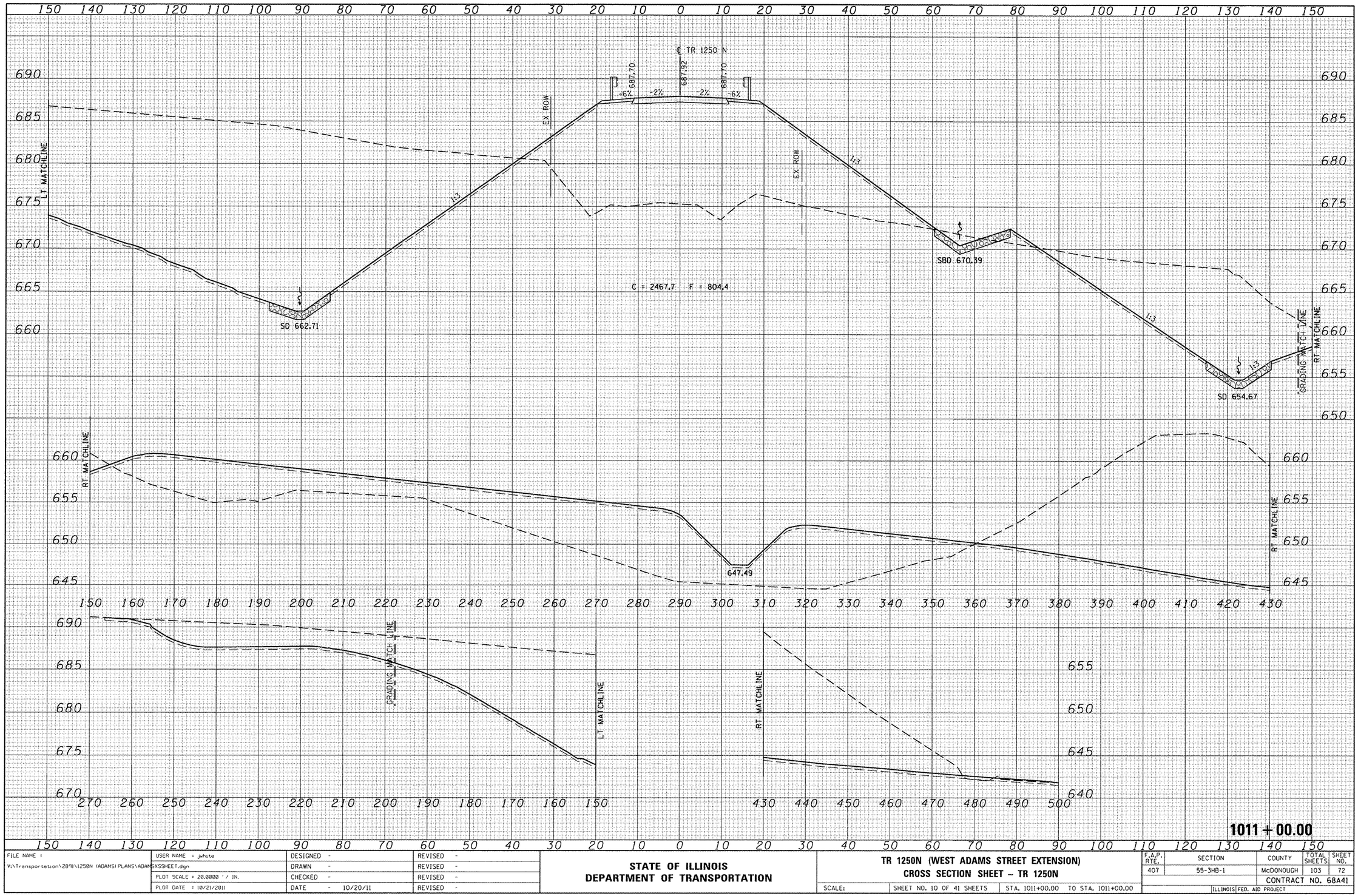
TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 9 OF 41 SHEETS | STA. 1010+50.00 TO STA. 1010+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	71

CONTRACT NO. 68A41

ILLINOIS FED. AID PROJECT



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

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

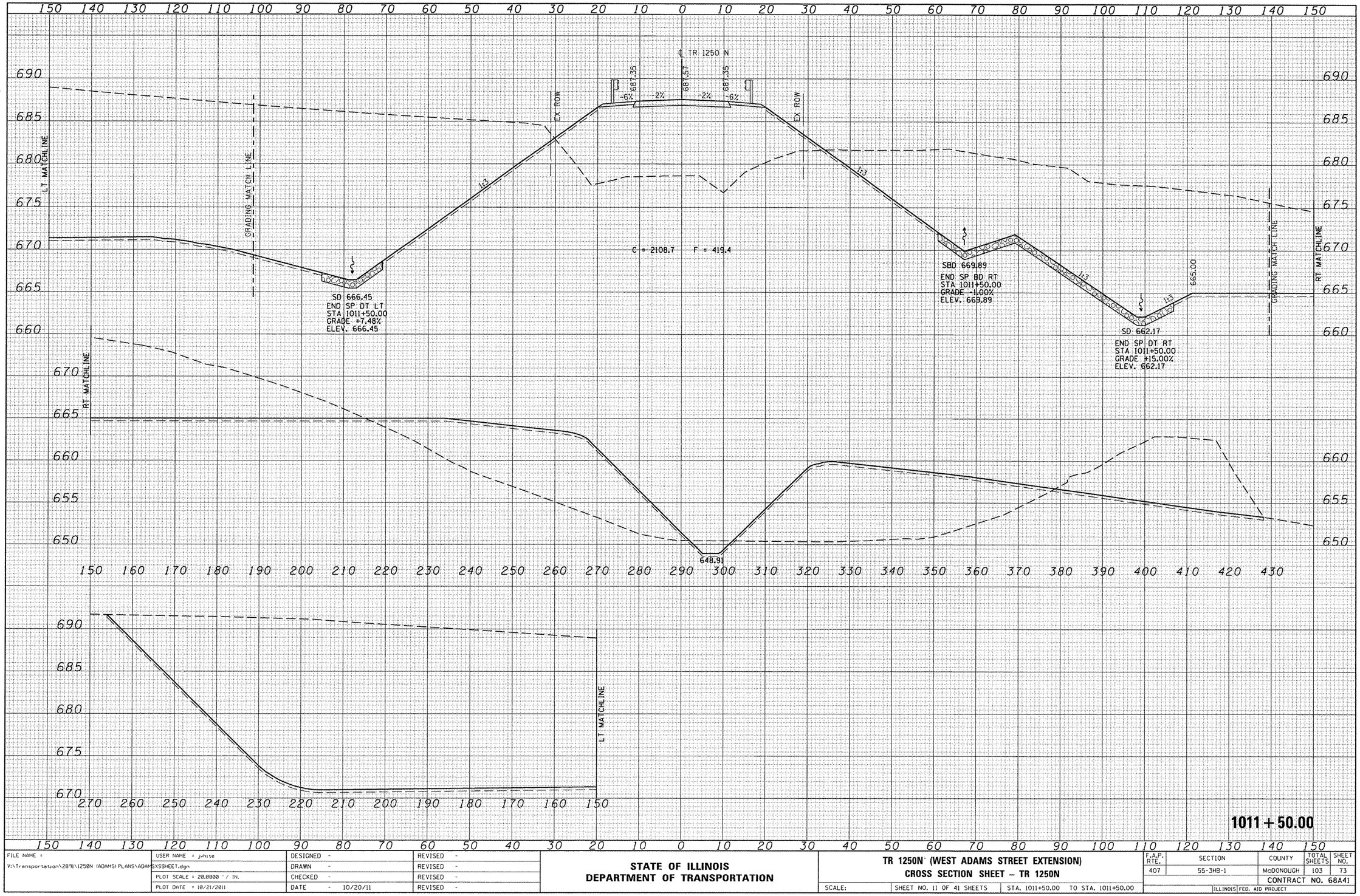
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 10 OF 41 SHEETS | STA. 1011+00.00 TO STA. 1011+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	72
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 11 OF 41 SHEETS | STA. 1011+50.00 TO STA. 1011+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	73

CONTRACT NO. 68A41

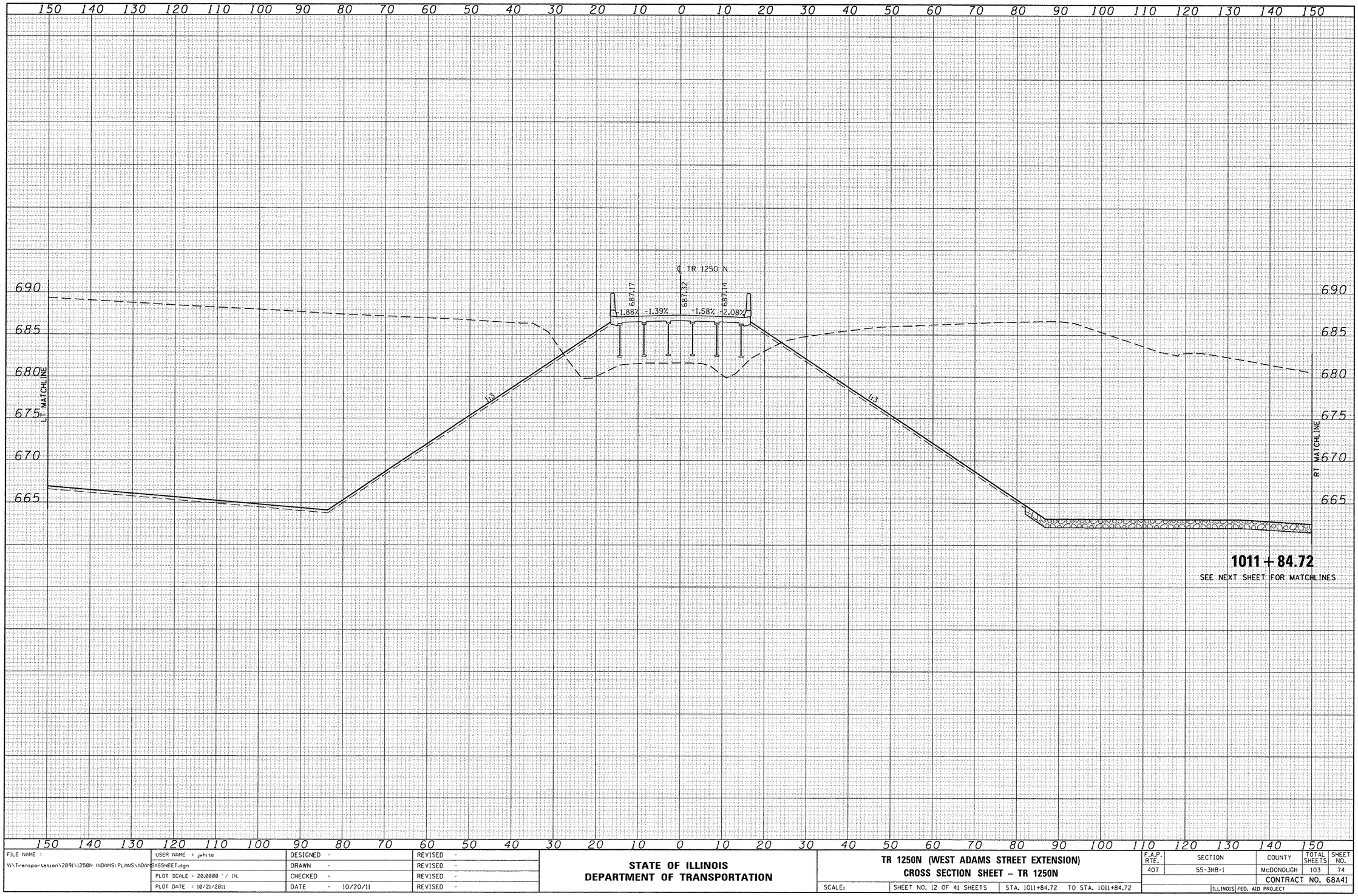
ILLINOIS | FED. AID PROJECT

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

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

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

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



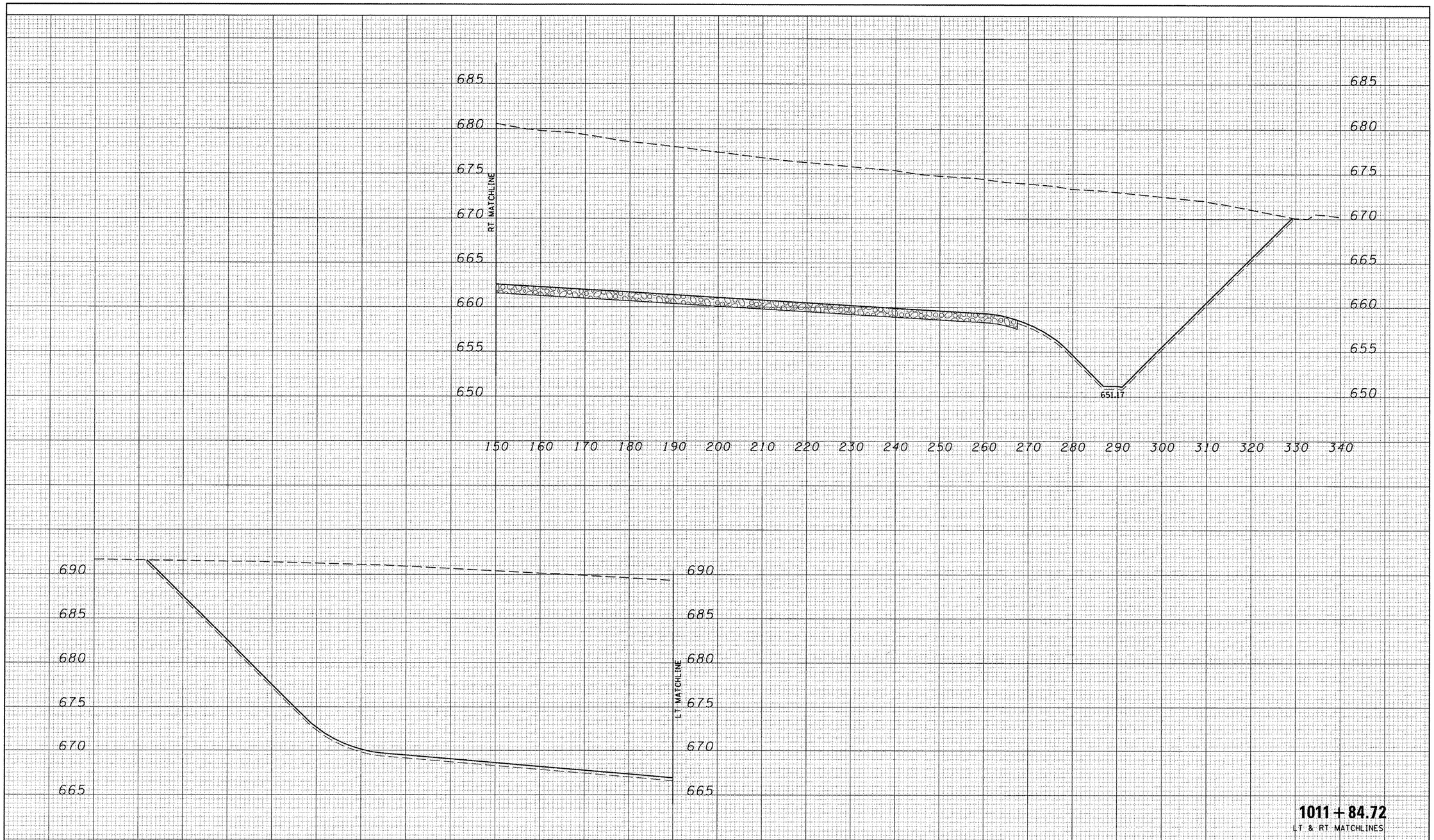
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 12 OF 41 SHEETS | STA. 1011+84.72 TO STA. 1011+84.72

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	74
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



1011 + 84.72
LT & RT MATCHLINES

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

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

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		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 13 OF 41 SHEETS | STA. 1011+84.718 TO STA. 1011+84.718

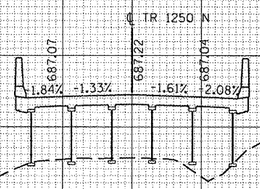
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	75
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

690
685
680
675
670
665
660



LT MATCHLINE

RT MATCHLINE

162 LF. 24" CULVERT, CLASS A @ 2.22%

1011 + 99.66

SEE NEXT SHEET FOR MATCHLINES

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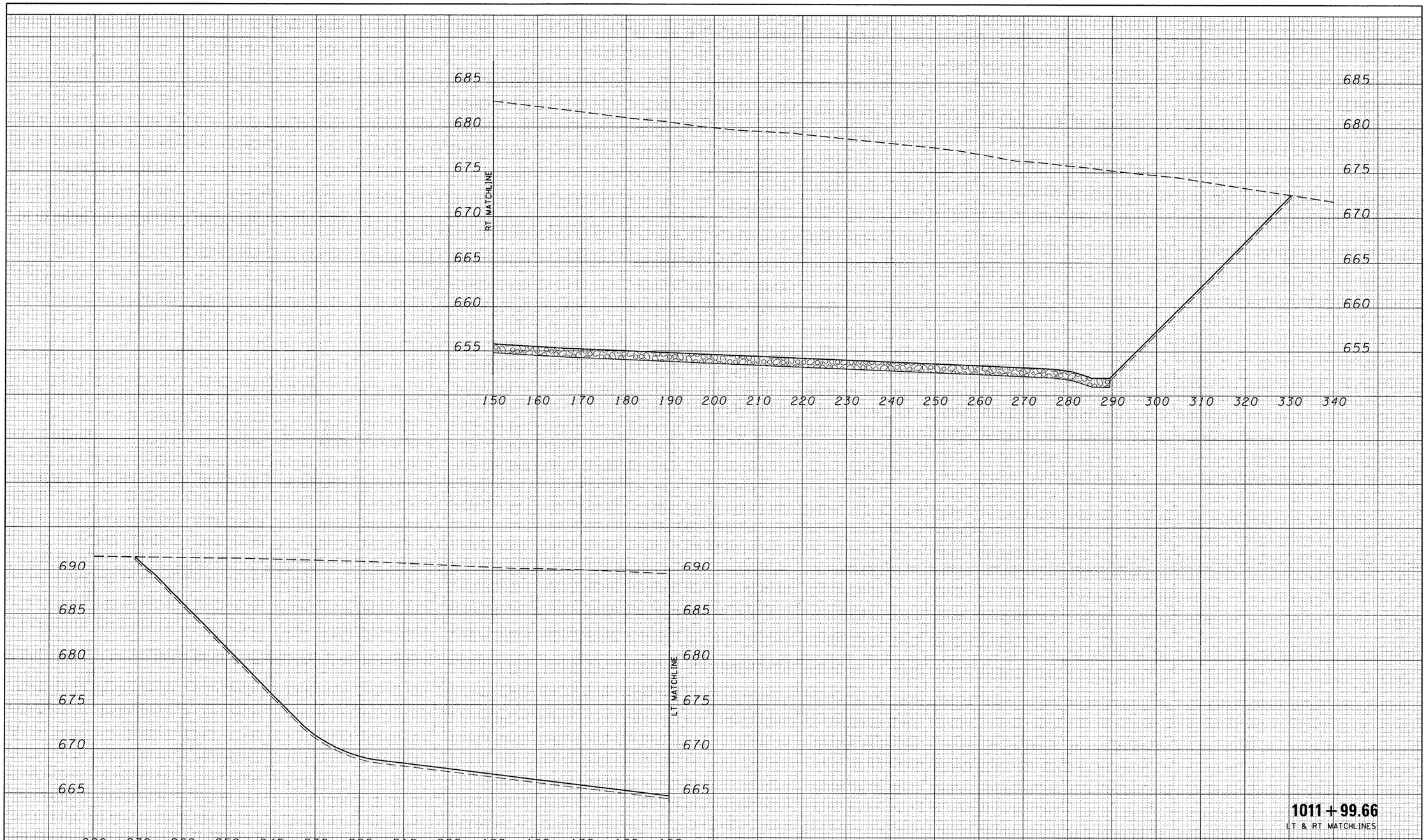
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 14 OF 41 SHEETS | STA. 1011+99.66 TO STA. 1011+99.66

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	76
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			



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

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

1011+99.66
LT & RT MATCHLINES

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 15 OF 41 SHEETS | STA. 1011+99.66 TO STA. 1011+99.66

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	77
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

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

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

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

690 685 680 675 670 665 660 655

LT MATCHLINE

RT MATCHLINE

EX. ROW

EX. ROW

℄ TR 1250 N

687.05 687.22 687.05

2.0% -1.5% -1.5% -2.0%

1012+00.00

SEE NEXT SHEET FOR MATCHLINES

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

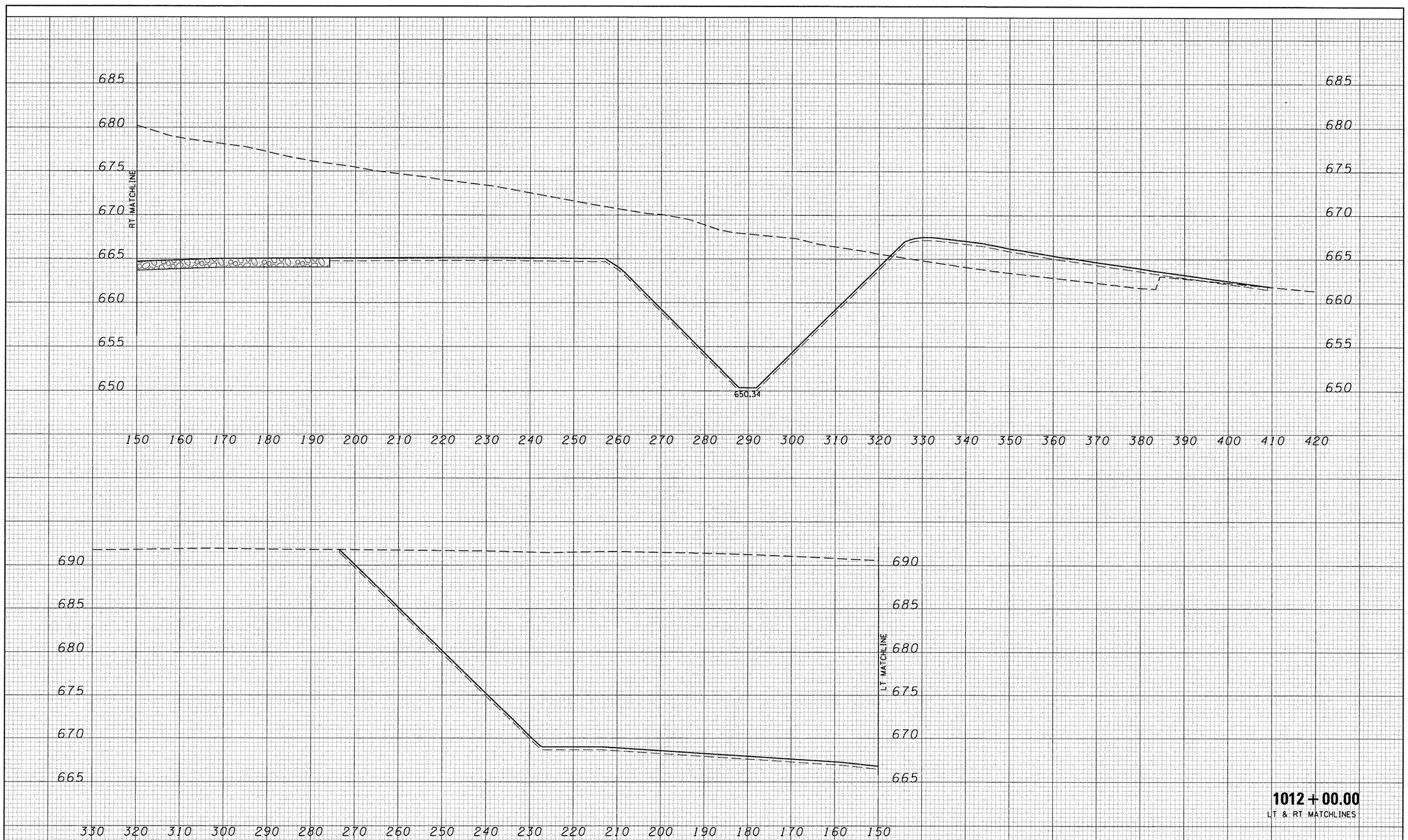
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 16 OF 41 SHEETS | STA. 1012+00.00 TO STA. 1012+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	78
		CONTRACT NO. 68A41		
	ILLINOIS	FED. AID PROJECT		



FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

1012+00.00
LT & RT MATCHLINES

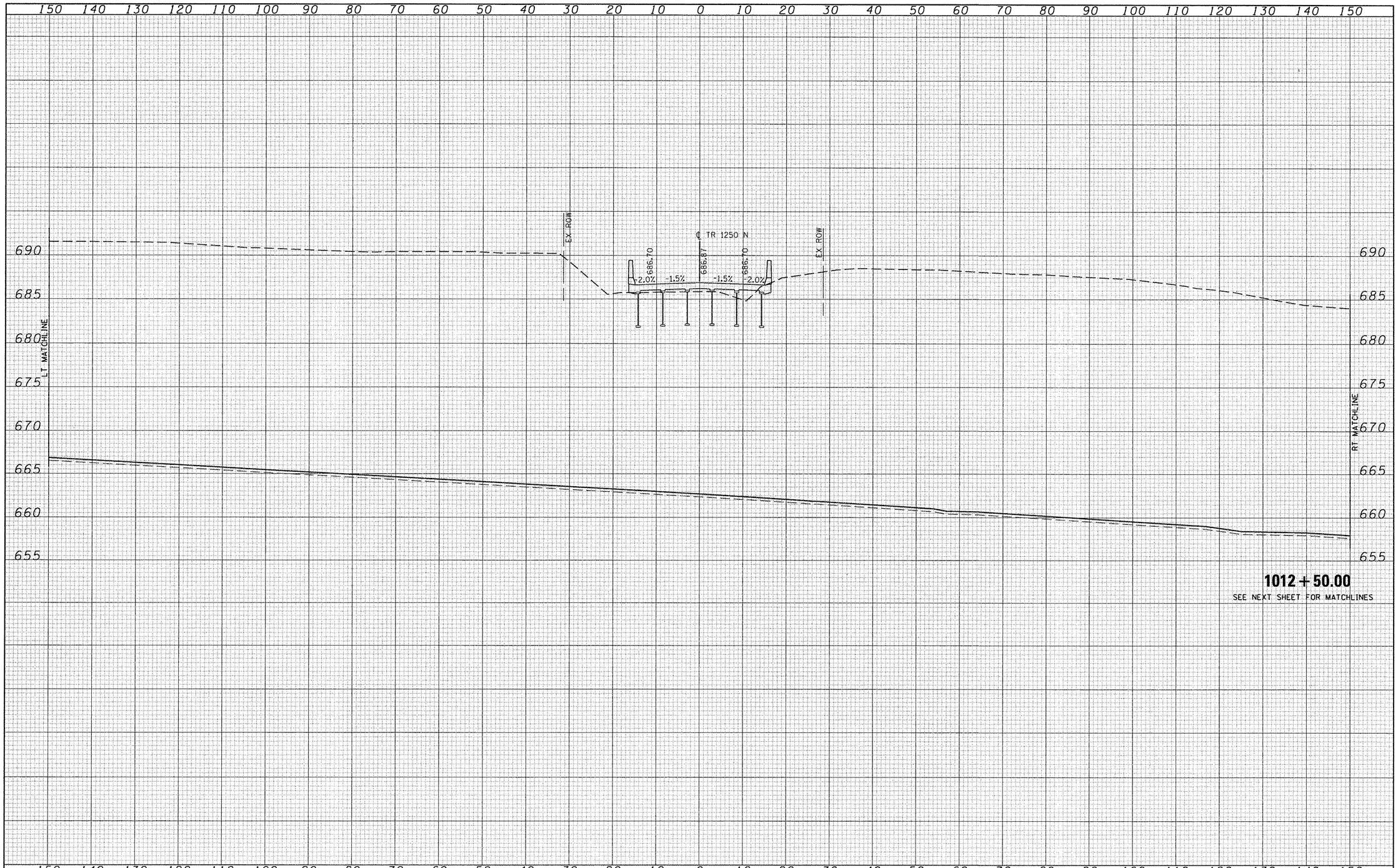
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 17 OF 41 SHEETS | STA. 1012+00.00 TO STA. 1012+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	79
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



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

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

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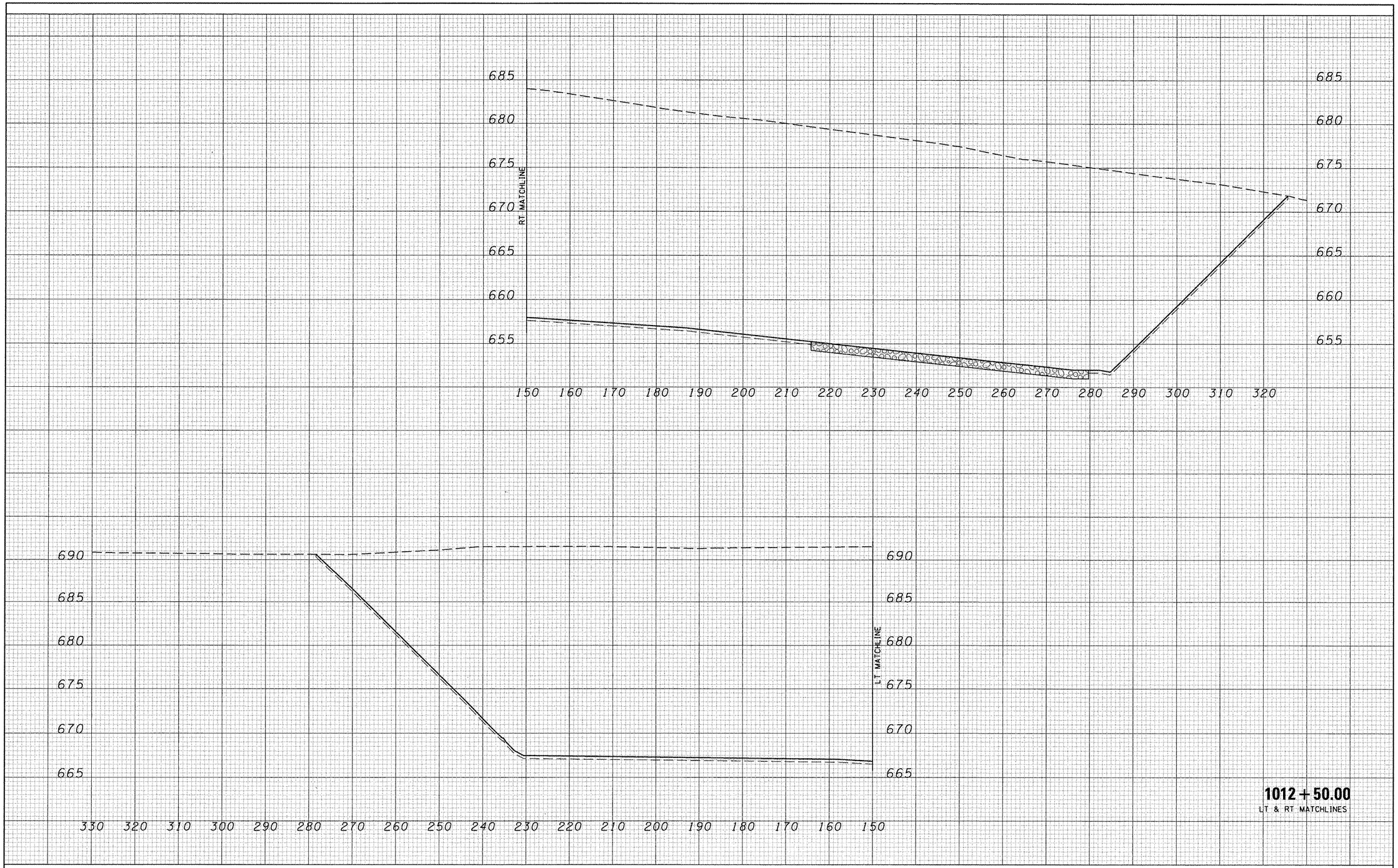
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 18 OF 41 SHEETS | STA. 1012+50.00 TO STA. 1012+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	80
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			

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



1012+50.00
LT & RT MATCHLINES

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

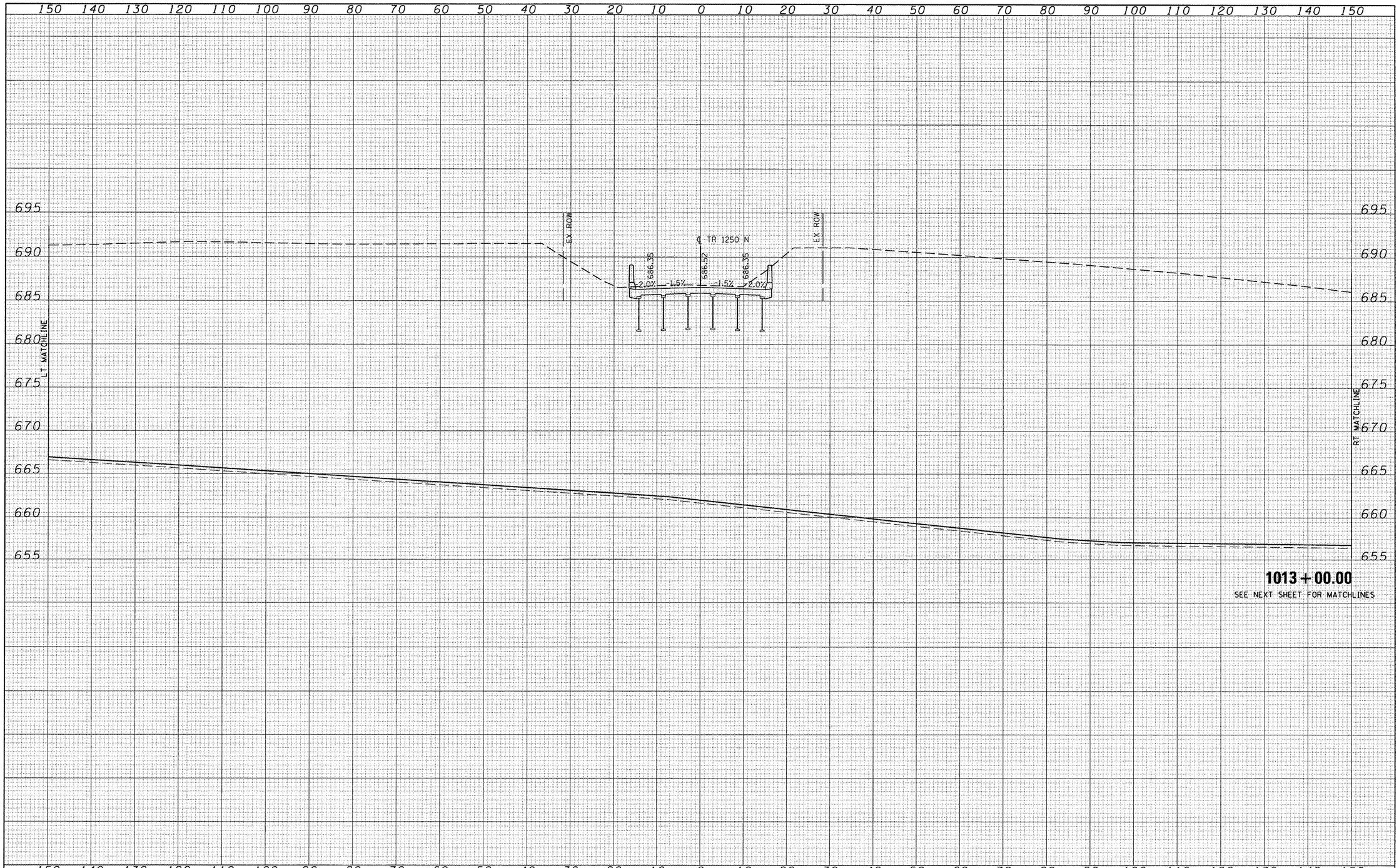
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 19 OF 41 SHEETS | STA. 1012+50.00 TO STA. 1012+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	81
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

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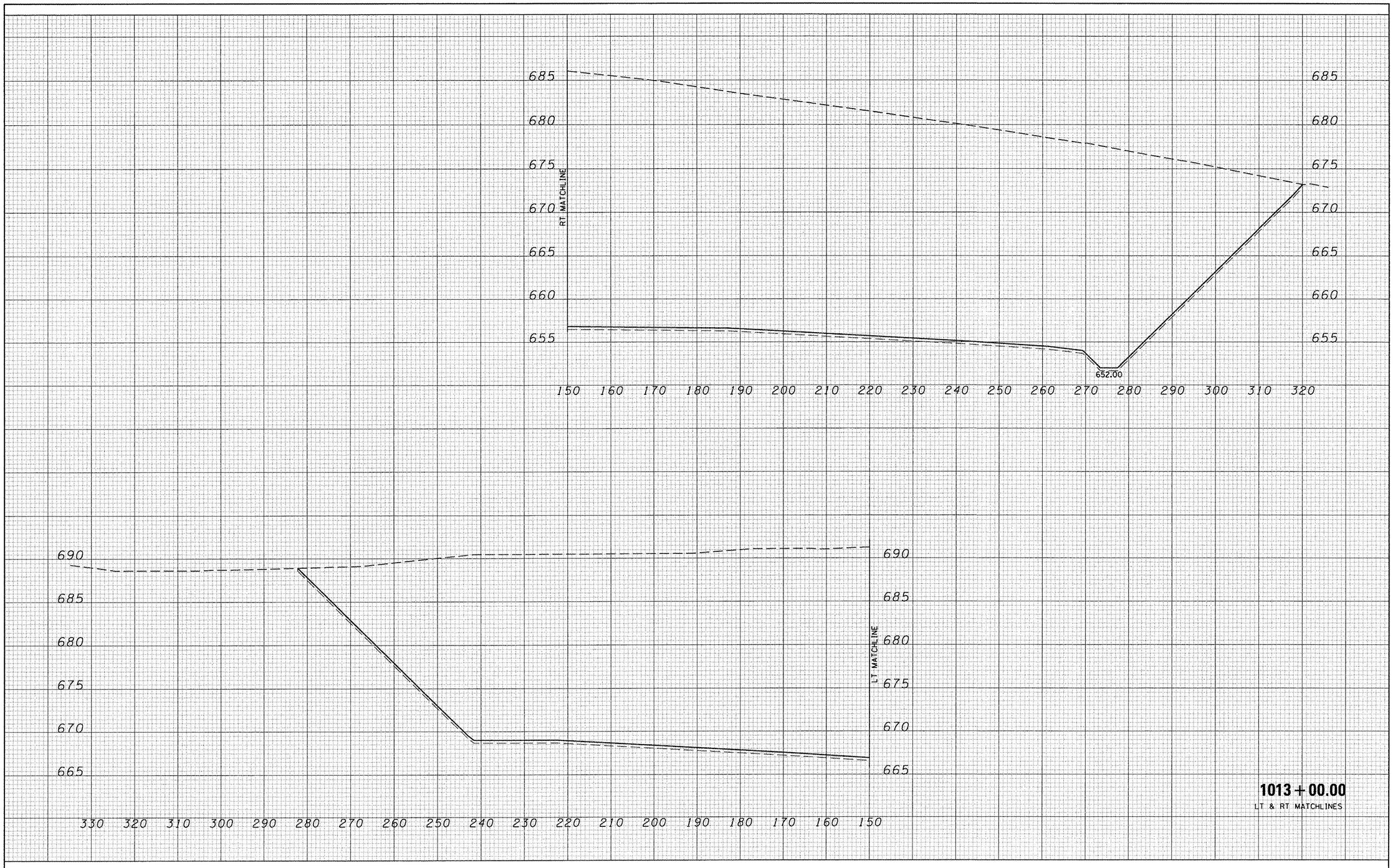
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PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 20 OF 41 SHEETS | STA. 1013+00.00 TO STA. 1013+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	82
		CONTRACT NO. 68A41		
	ILLINOIS	FED. AID PROJECT		



1013+00.00
LT & RT MATCHLINES

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

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

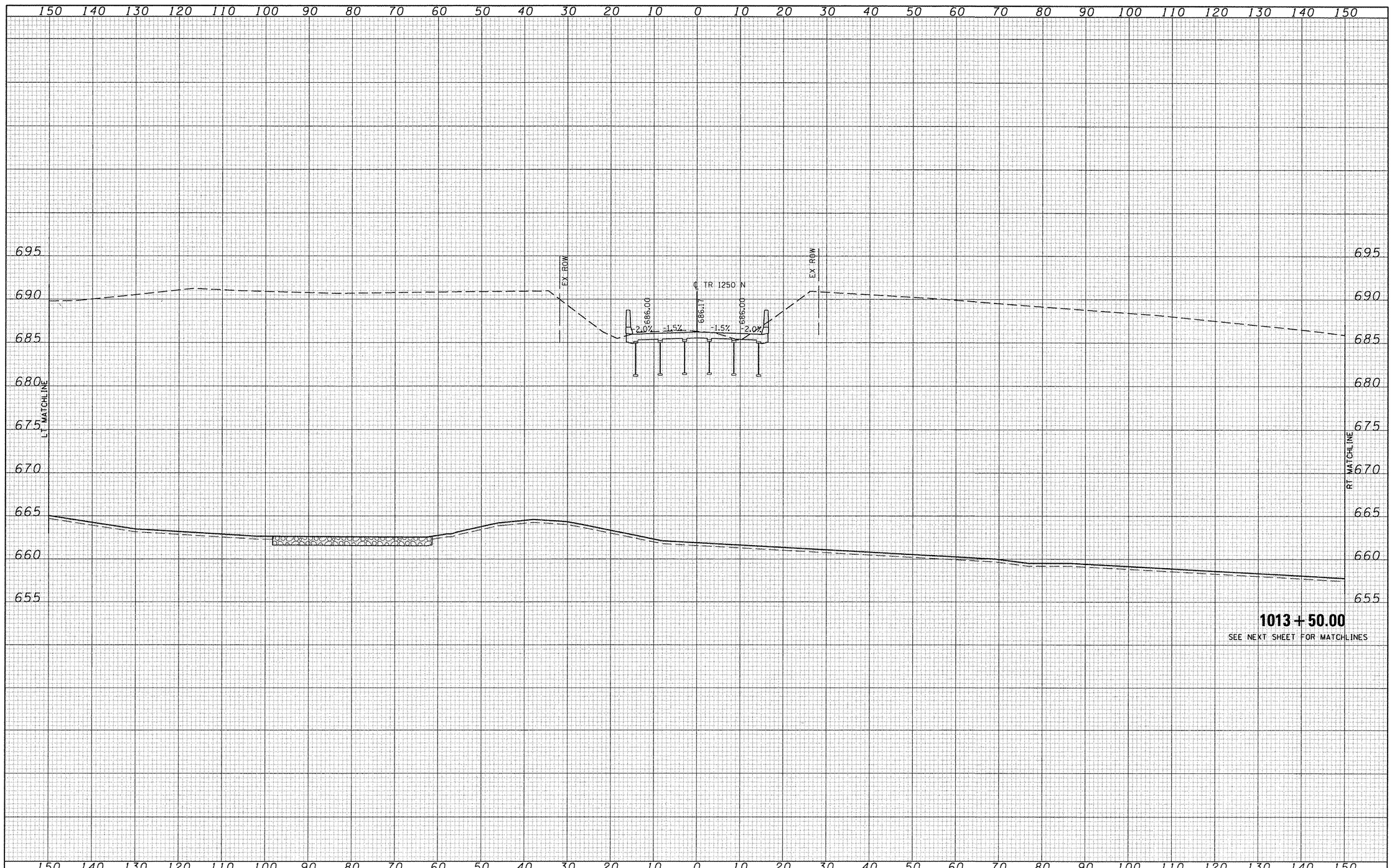
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 21 OF 41 SHEETS | STA. 1013+00.00 TO STA. 1013+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	83
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



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

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

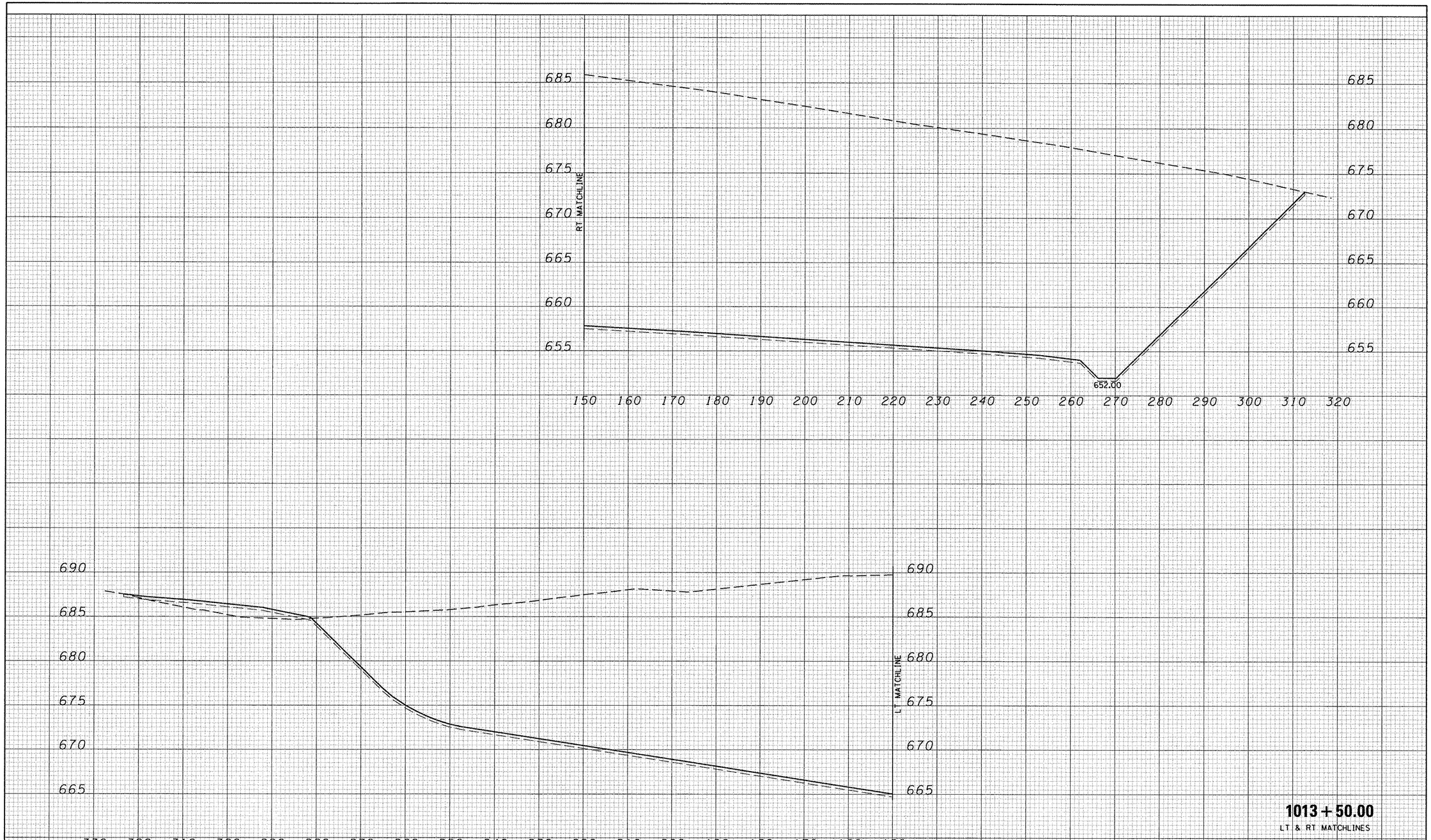
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 22 OF 41 SHEETS | STA. 1013+50.00 TO STA. 1013+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	84
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			



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

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

1013 + 50.00
LT & RT MATCHLINES

FILE NAME = V:\Transportation\2891\1250N (ADAMS) PLANS\ADAMSXSSHEET.dgn	USER NAME = jwhite	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

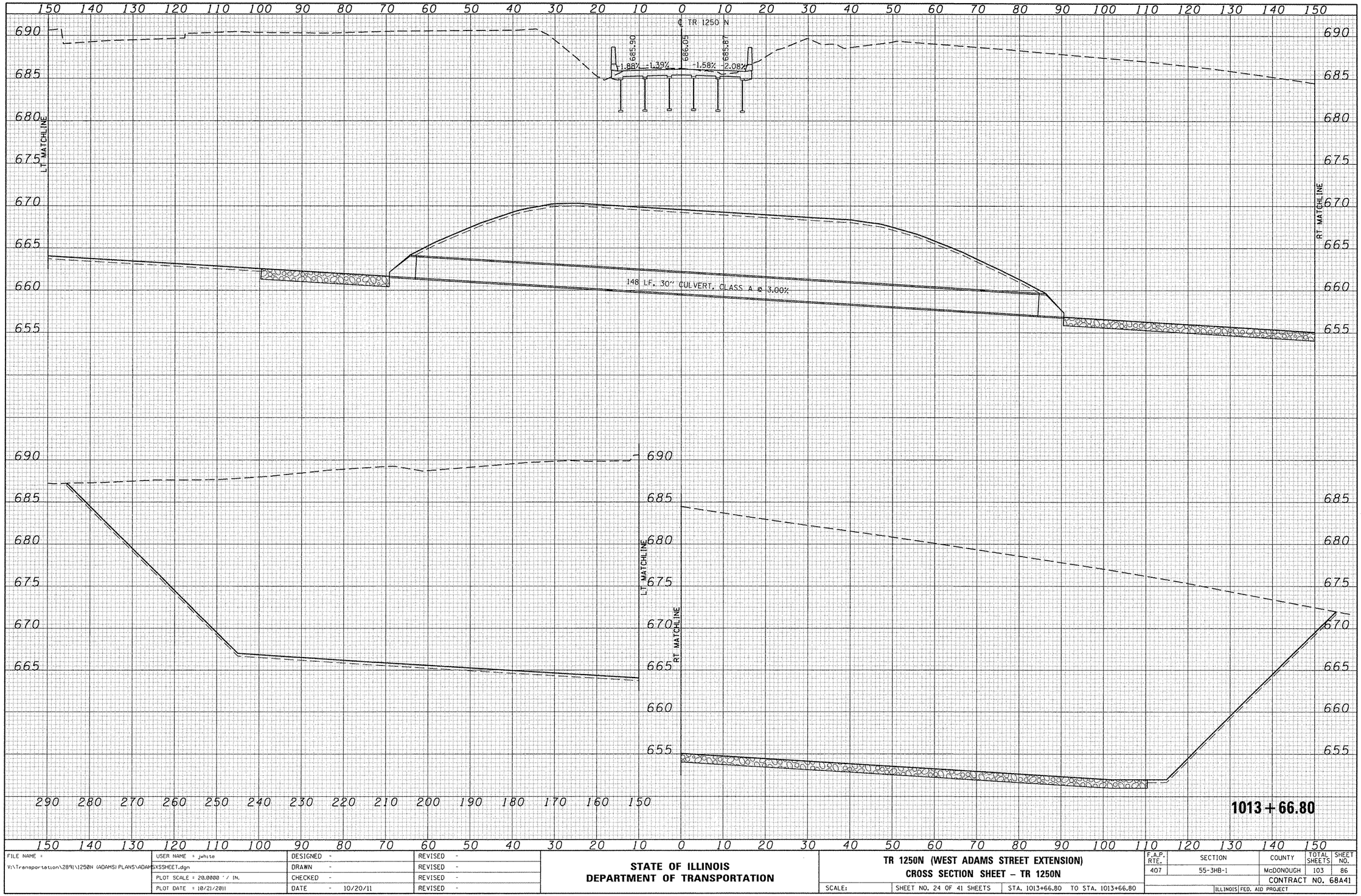
TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 23 OF 41 SHEETS | STA. 1013+50.00 TO STA. 1013+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	85

CONTRACT NO. 68A41

ILLINOIS | FED. AID PROJECT



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

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

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 24 OF 41 SHEETS | STA. 1013+66.80 TO STA. 1013+66.80

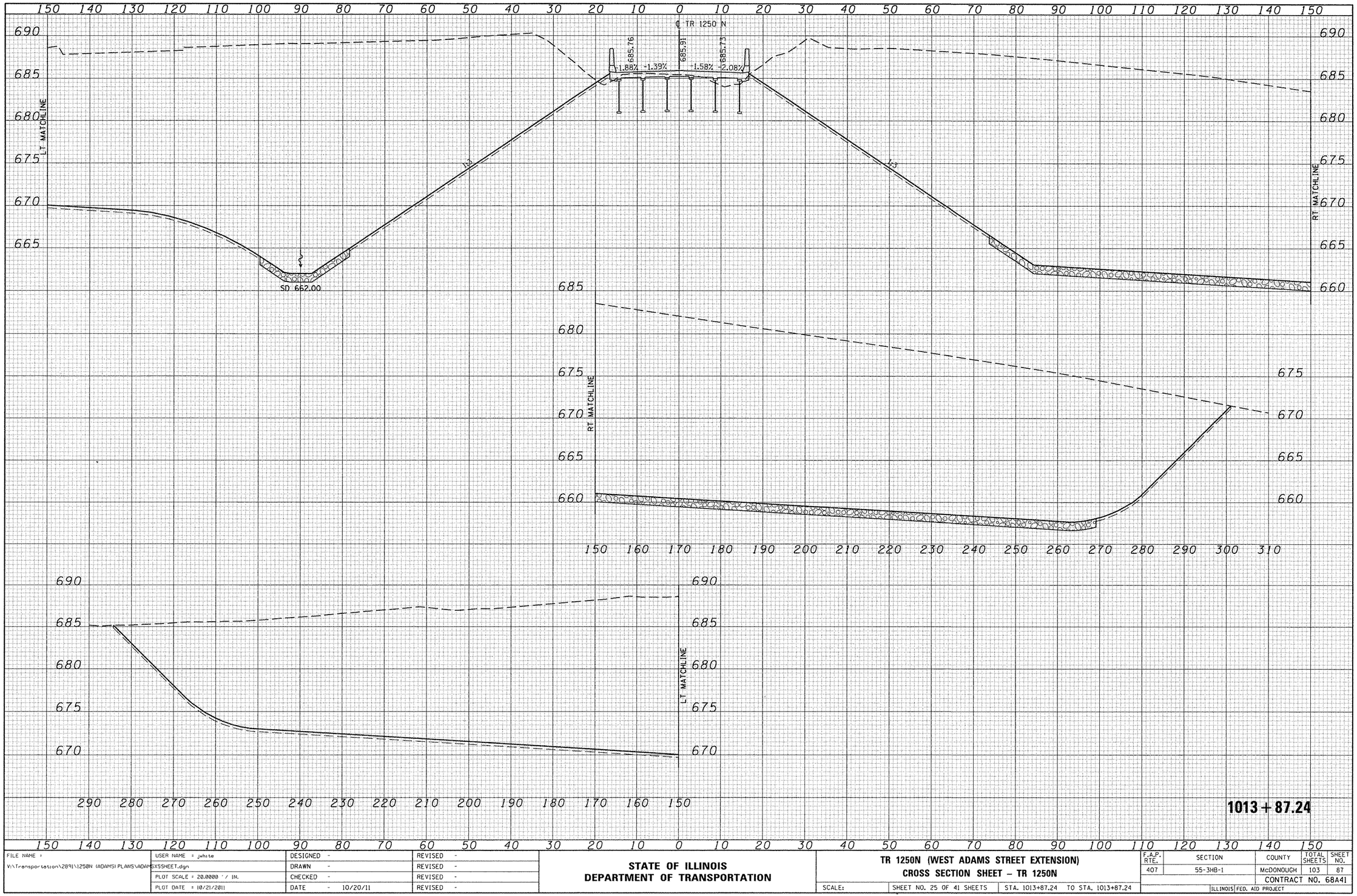
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	86
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	TEMPLATE
	AREAS
	AREAS CHECKED

BY	DATE



1013+87.24

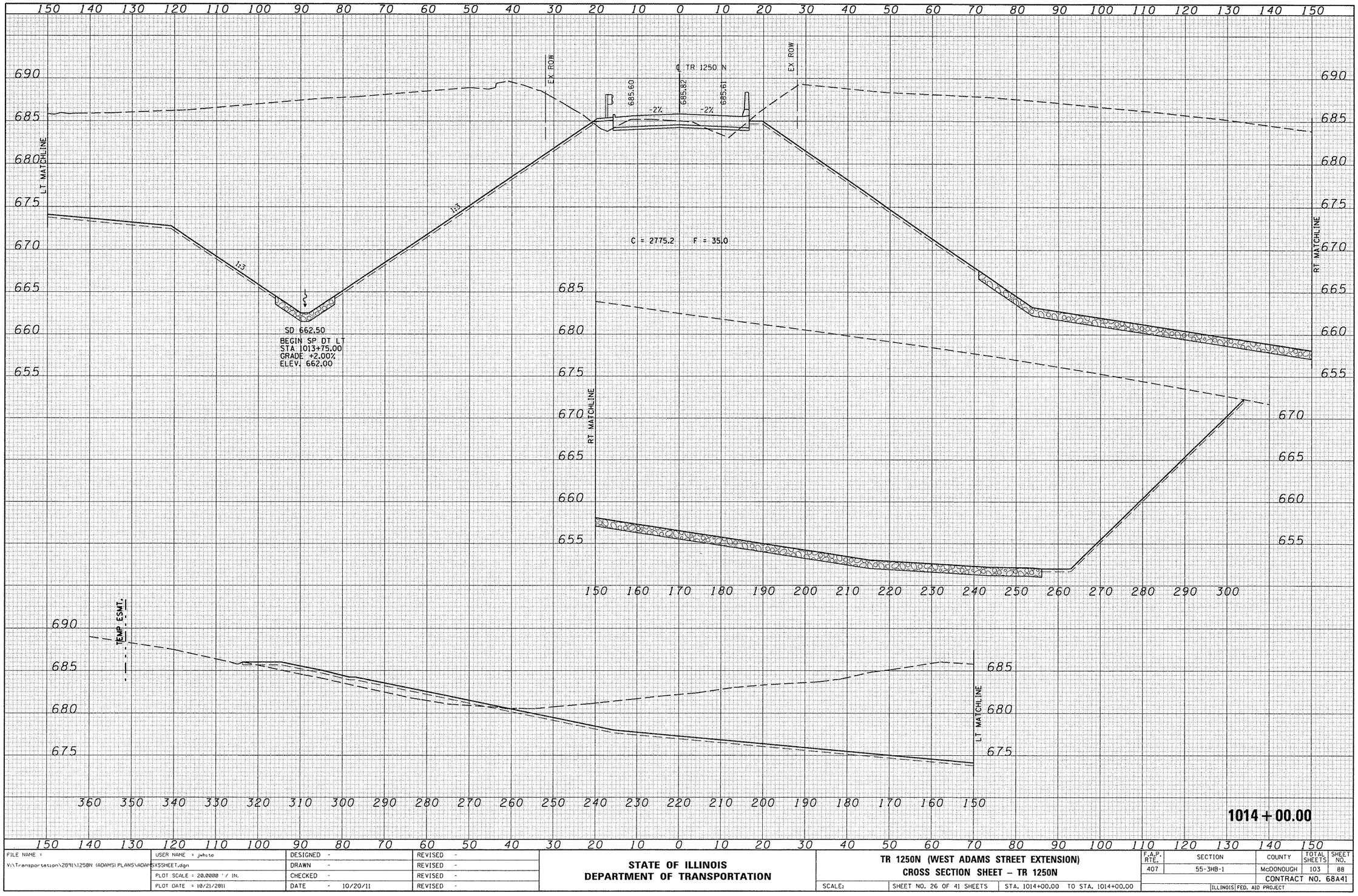
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 25 OF 41 SHEETS | STA. 1013+87.24 TO STA. 1013+87.24

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	87
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



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

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

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	PLOT DATE = 10/21/2011	DATE - 10/20/11

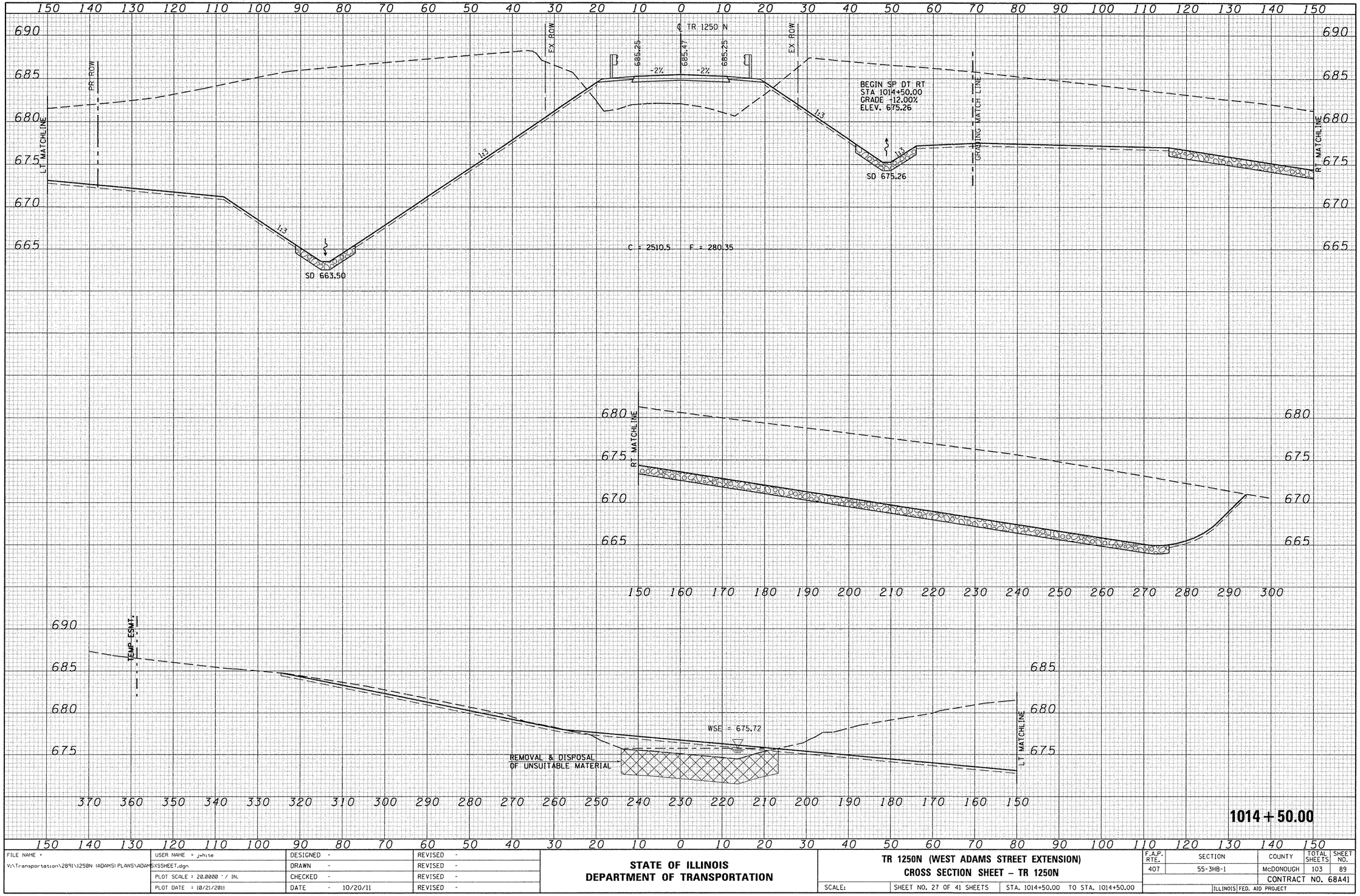
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REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 26 OF 41 SHEETS | STA. 1014+00.00 TO STA. 1014+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	88
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			



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

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

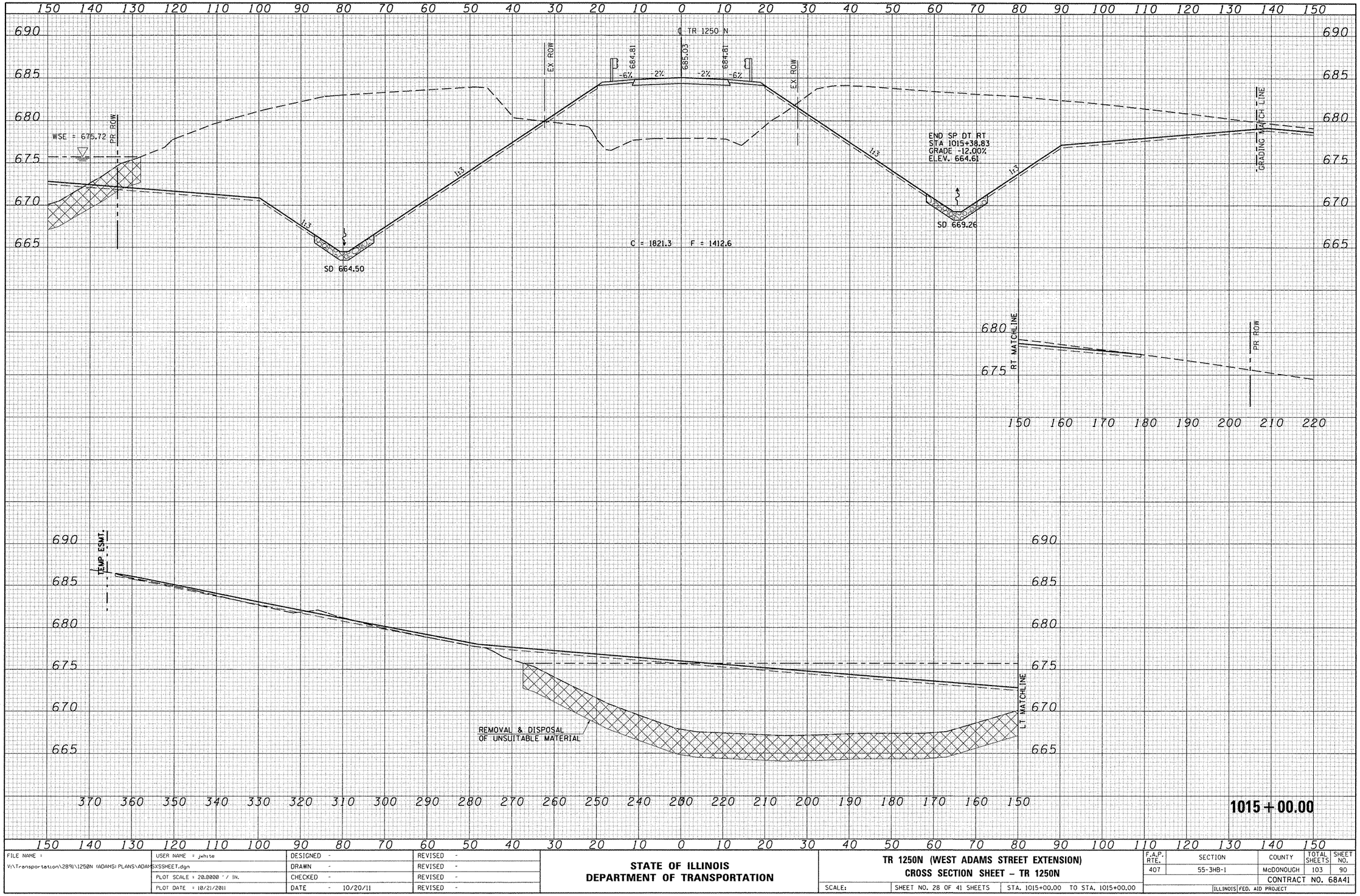
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 27 OF 41 SHEETS | STA. 1014+50.00 TO STA. 1014+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	89
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



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

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

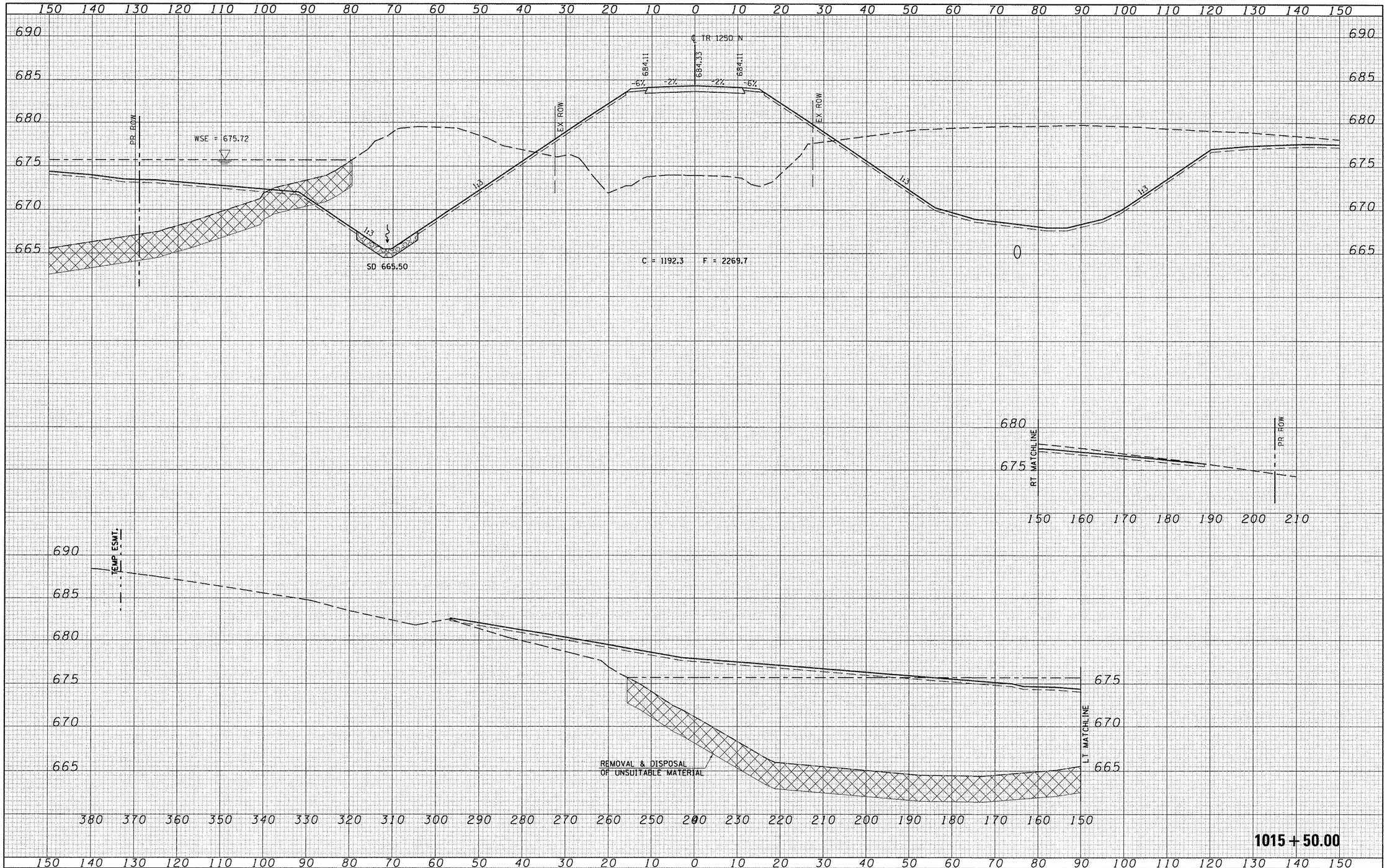
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 28 OF 41 SHEETS | STA. 1015+00.00 TO STA. 1015+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	90
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			



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

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

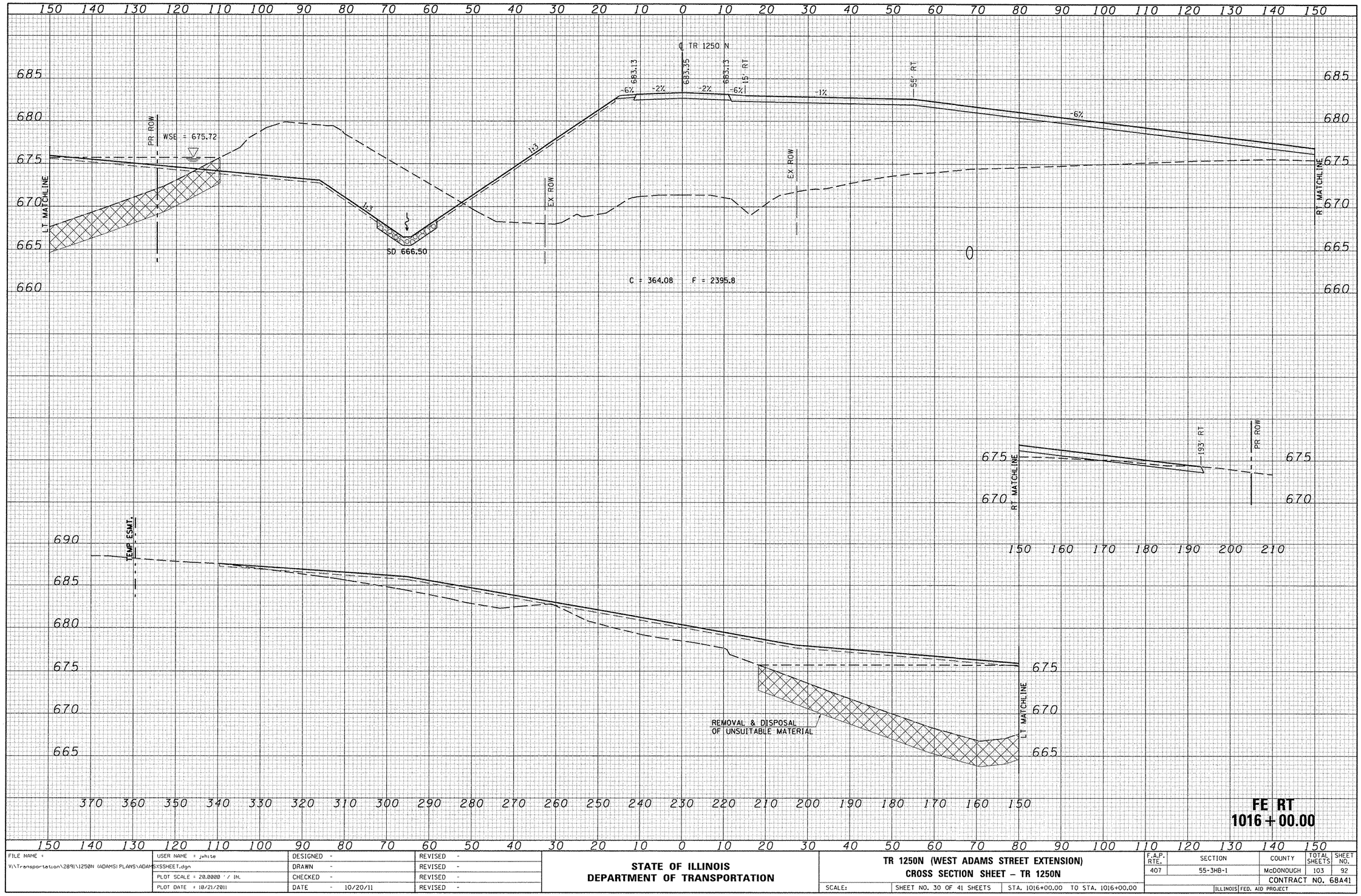
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 29 OF 41 SHEETS | STA. 1015+50.00 TO STA. 1015+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	91
		CONTRACT NO. 68A41		
	ILLINOIS	FED. AID PROJECT		



FE RT
1016 + 00.00

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

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

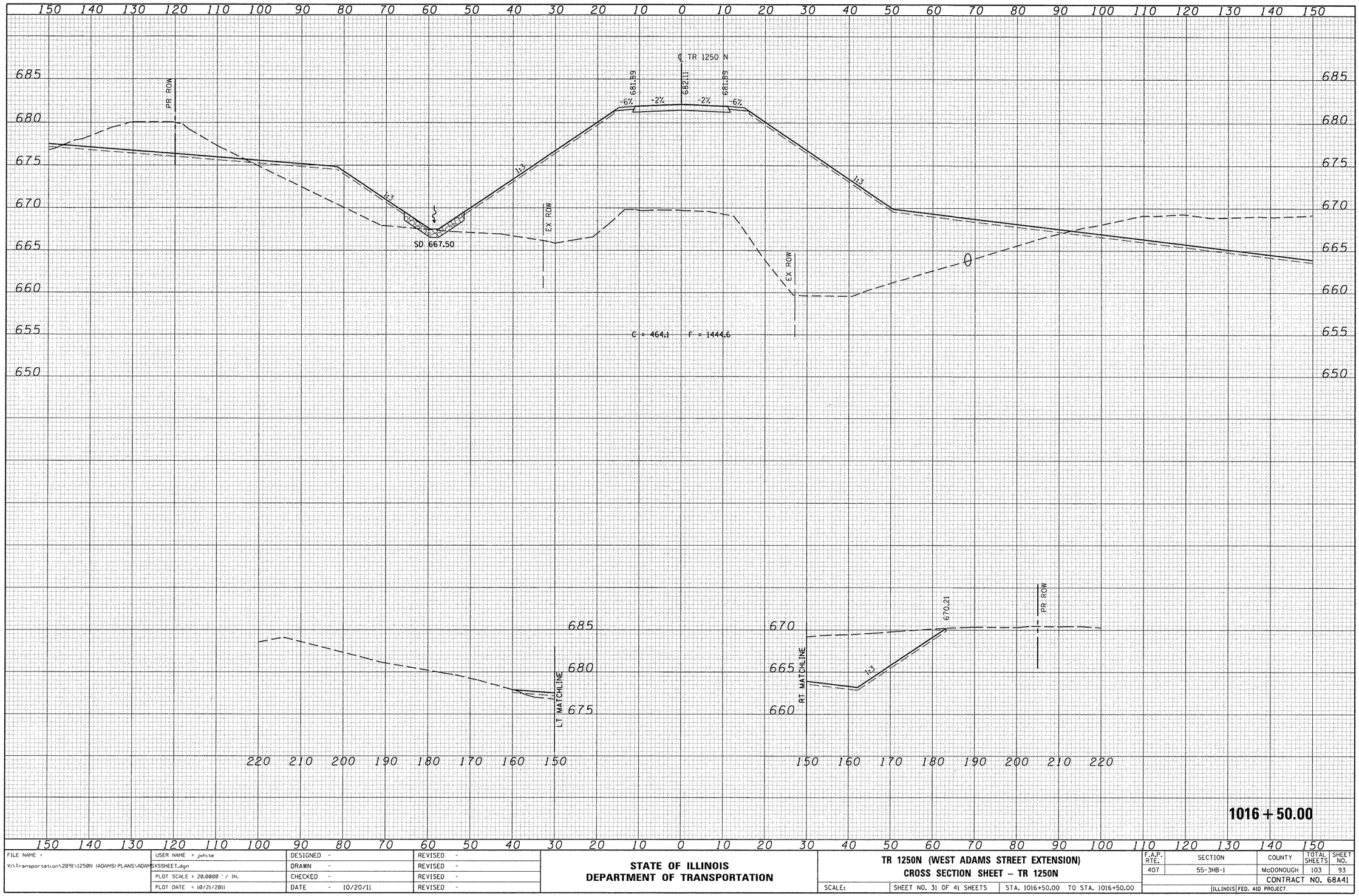
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 30 OF 41 SHEETS | STA. 1016+00.00 TO STA. 1016+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	92
		CONTRACT NO. 68A41		
	ILLINOIS FED. AID PROJECT			



1016 + 50.00

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

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

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

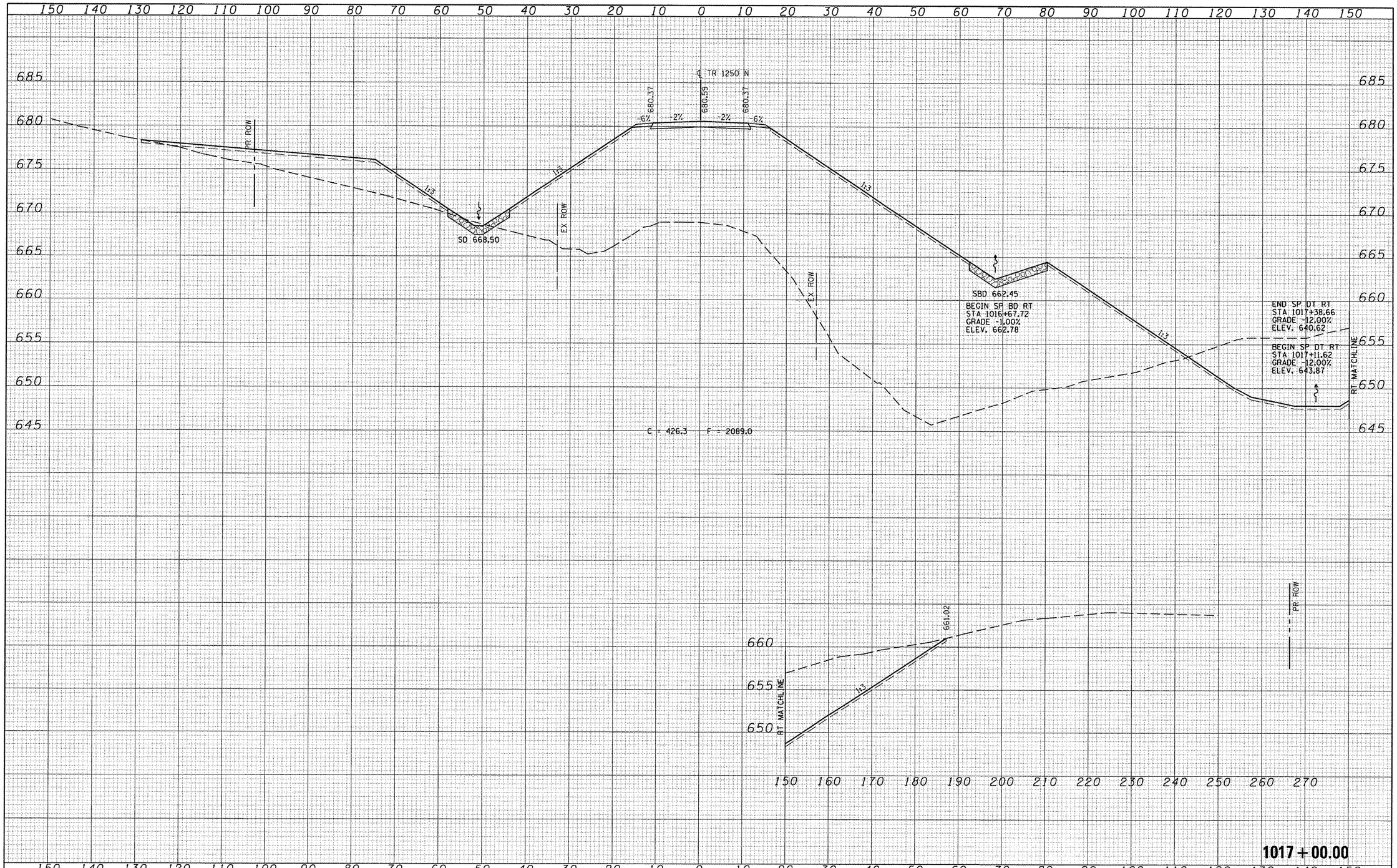
TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 31 OF 41 SHEETS | STA. 1016+50.00 TO STA. 1016+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	93

CONTRACT NO. 68A41

ILLINOIS | FED. AID PROJECT



1017 + 00.00

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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

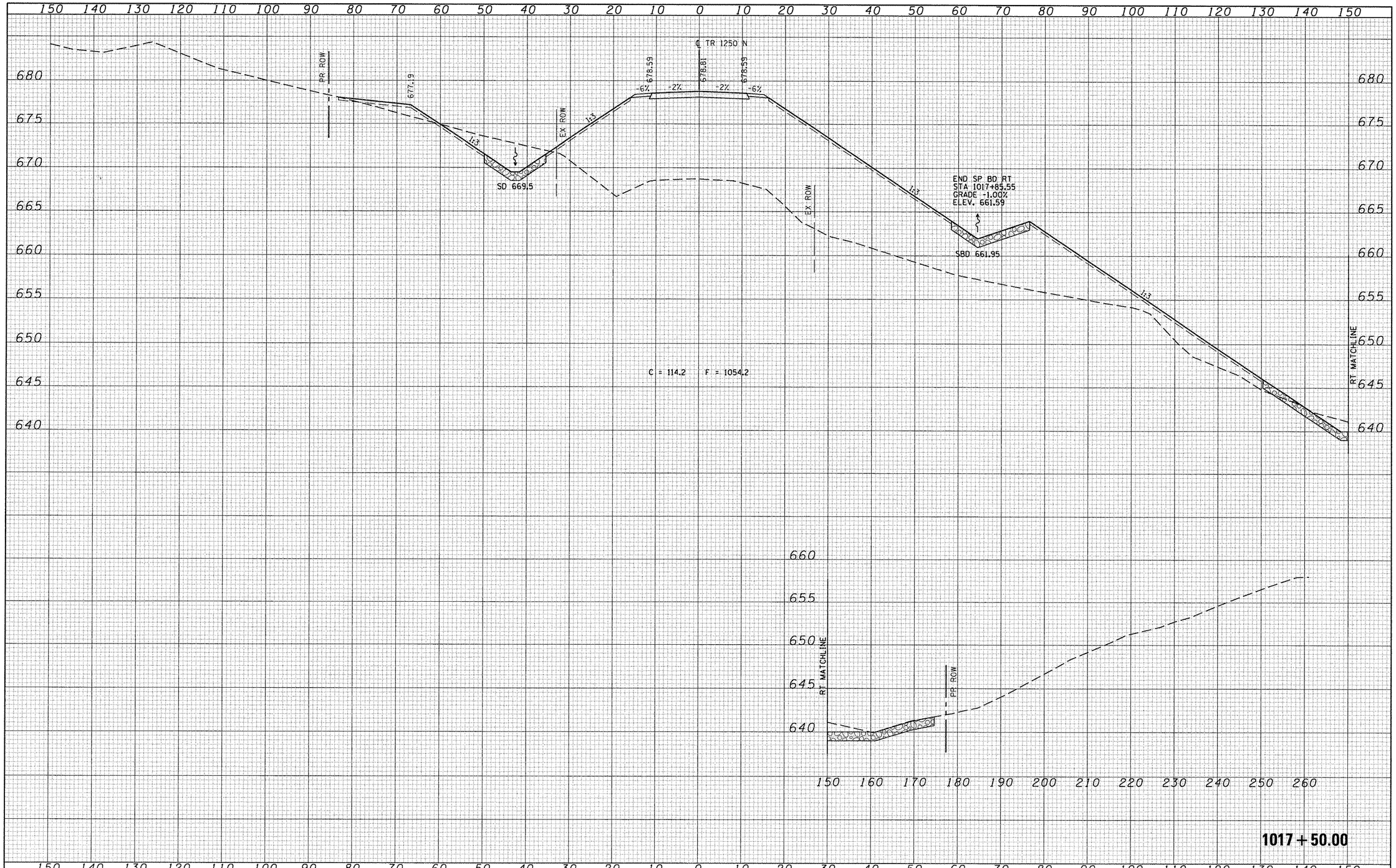
TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 32 OF 41 SHEETS | STA. 1017+00.00 TO STA. 1017+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	5S-3HB-1	McDONOUGH	103	94

CONTRACT NO. 68A41

ILLINOIS | FED. AID PROJECT



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

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

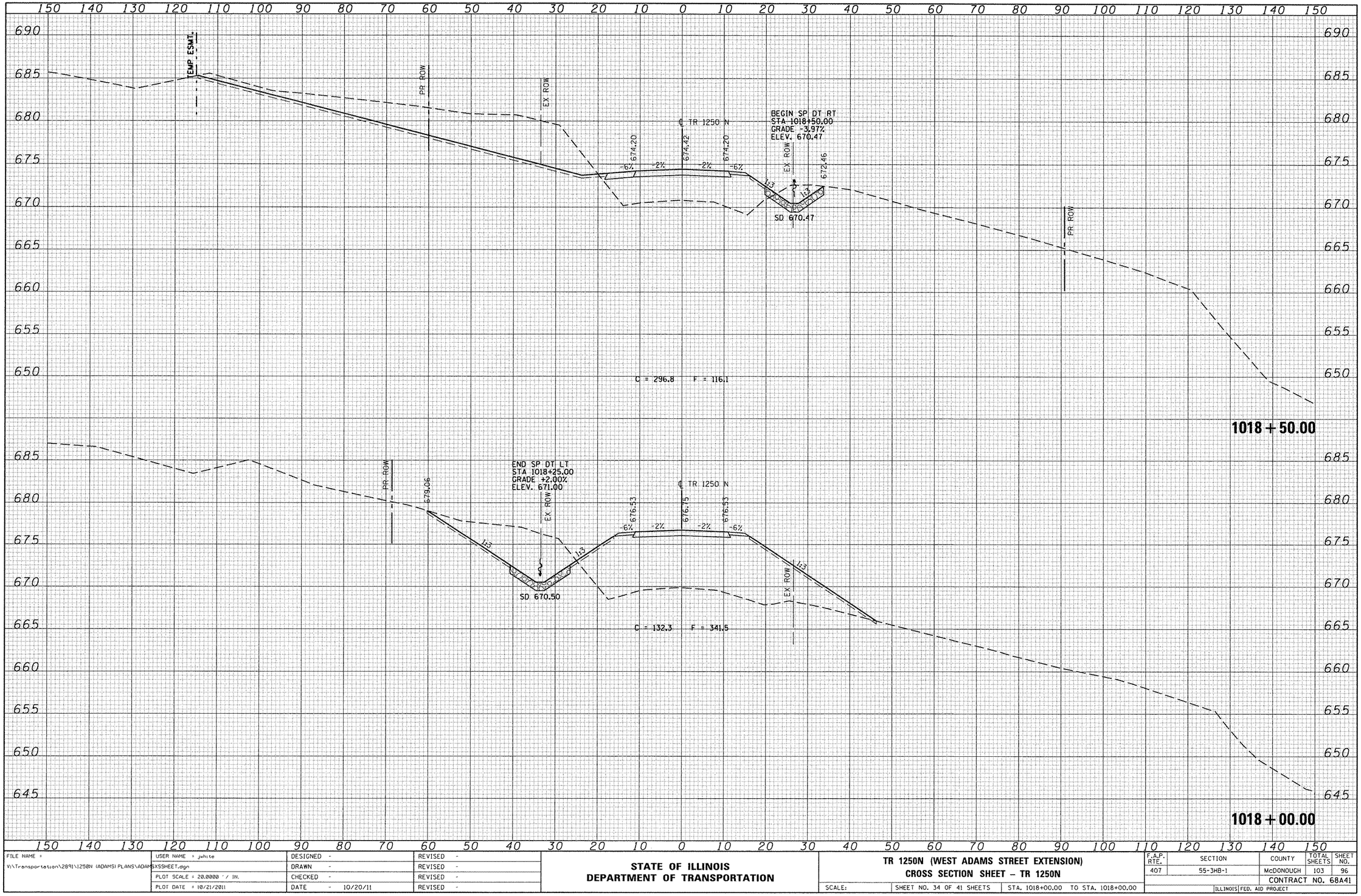
TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 33 OF 41 SHEETS | STA. 1017+50.00 TO STA. 1017+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	95

CONTRACT NO. 68A41

ILLINOIS FED. AID PROJECT



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

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

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 34 OF 41 SHEETS | STA. 1018+00.00 TO STA. 1018+00.00

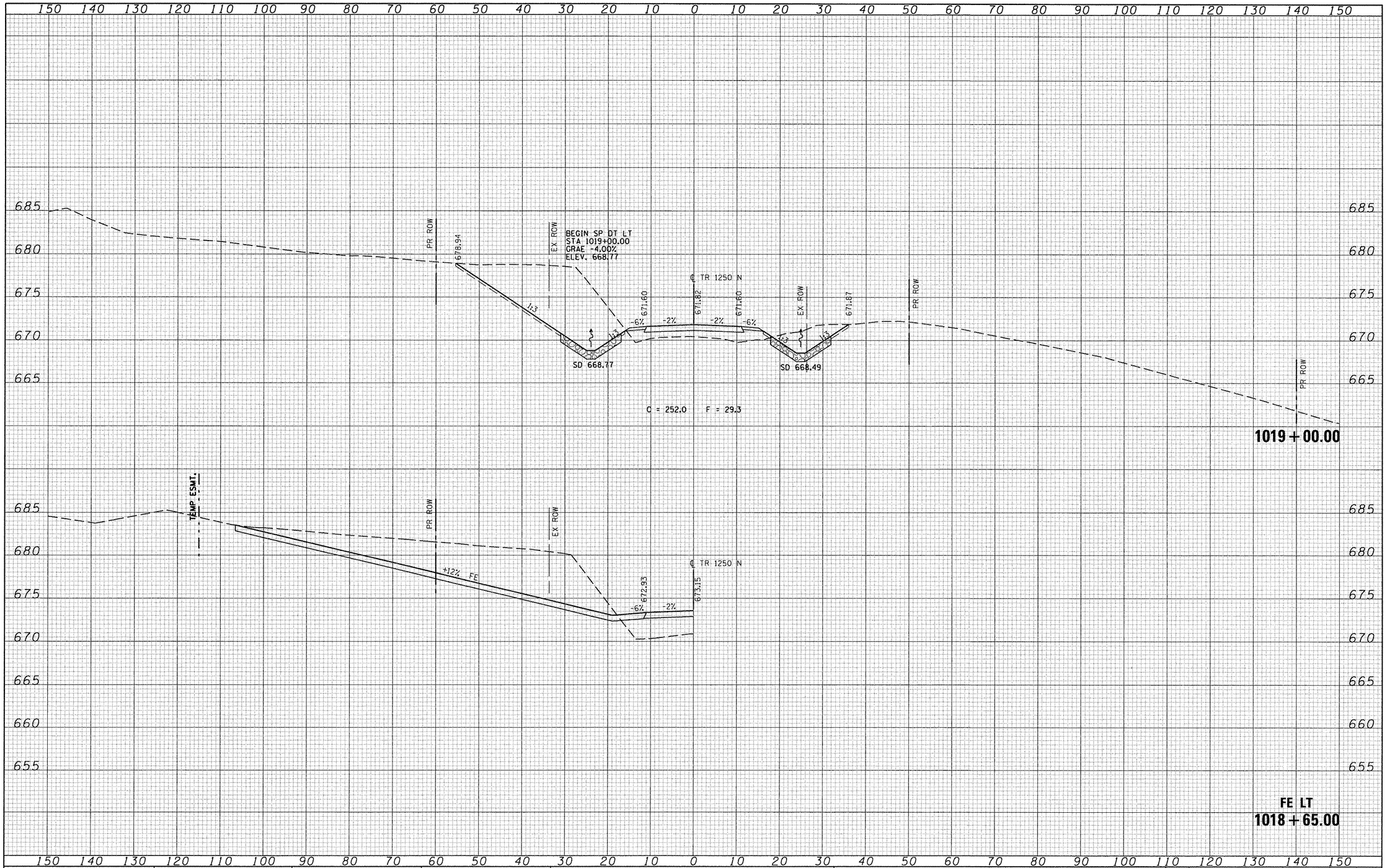
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	96

CONTRACT NO. 68A41

ILLINOIS FED. AID PROJECT

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

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



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	PLOT DATE = 10/21/2011	CHECKED -	REVISED -
		DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 35 OF 41 SHEETS | STA. 1018+65.00 TO STA. 1019+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	97

CONTRACT NO. 68A41

ILLINOIS FED. AID PROJECT

FINAL SURVEY	
	SURVEYED
	PLOTTED
NOTE BOOK	TEMPLATE
	AREAS
NO.	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	
	SURVEYED
	PLOTTED
NOTE BOOK	TEMPLATE
	AREAS
NO.	AREAS CHECKED

BY	DATE

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

680
675
670
665
660

PR ROW
EX ROW
℄ TR 1250 N
EX ROW
PR ROW

664.77 665.63 665.80 665.62 664.52

-6% -2% -2% -6%

SD 664.77
SD 664.52

END SP DT LT
STA 1020+00.00
GRAE -4.00%
ELEV. 664.77 EX

END SP DT RT
STA 1020+00.00
GRADE -3.97%
ELEV. 664.52 EX

C = 29.2 F = 0.4

1020 + 00.00

680
675
670
665

PR ROW
671.25
EX ROW
℄ TR 1250 N
EX ROW
671.30
PR ROW

668.74 668.94 668.74

-6% -2% -2% -6%

SD 666.77
SD 666.50

C = 147.0 F = 2.6

1019 + 50.00

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TR 1250N (WEST ADAMS STREET EXTENSION)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 36 OF 41 SHEETS | STA. 1019+50.00 TO STA. 1020+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	98
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

ORIGINAL SURVEY	NOTE BOOK	NO.
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

BY	DATE

400 390 380 370 360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100

675 670 665 660 655 650 645 640

C = 627.4 F = 1.6

C IL 336

0.00'

621 + 00.00

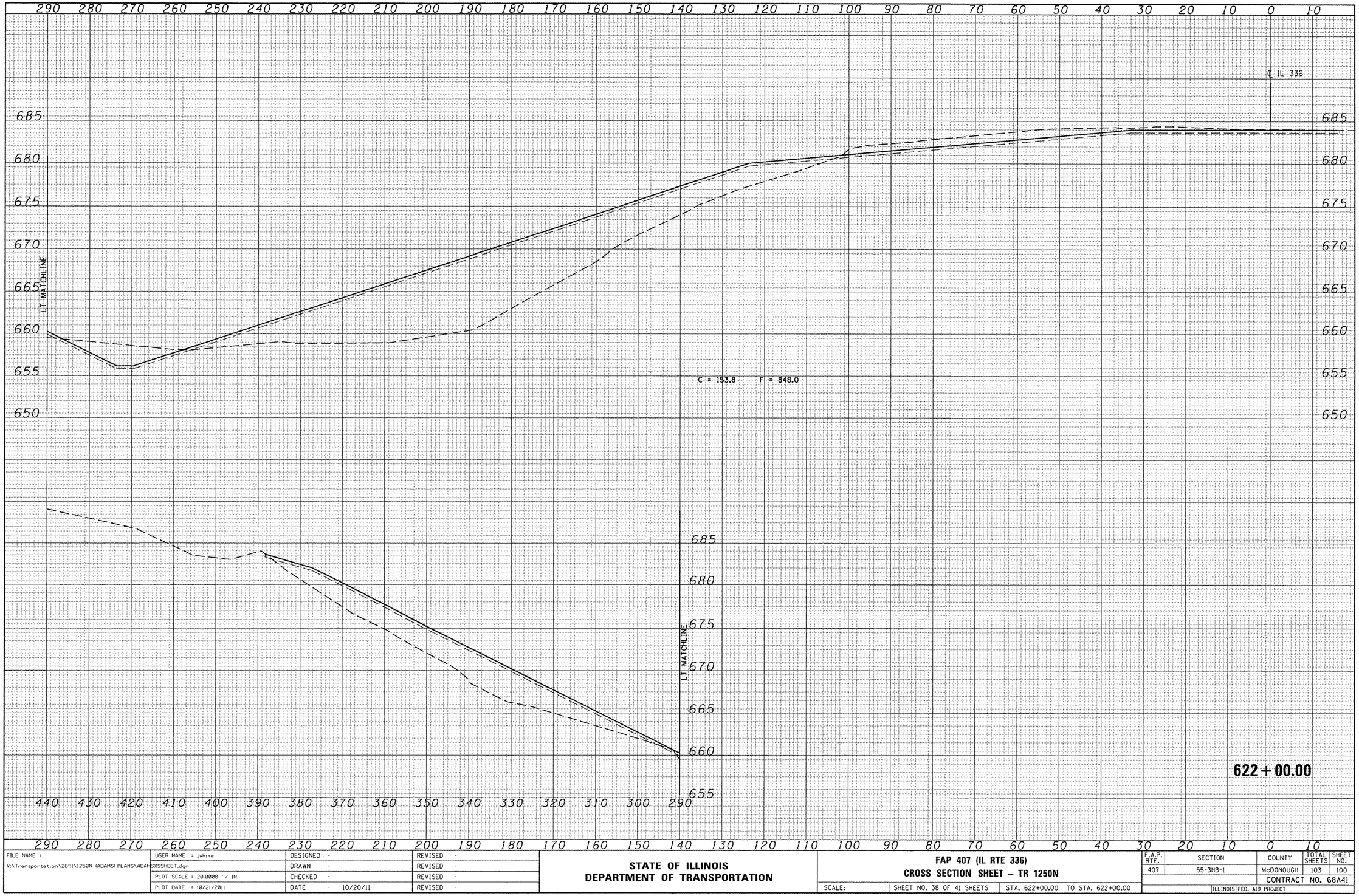
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 407 (IL RTE 336)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 37 OF 41 SHEETS | STA. 621+00.00 TO STA. 621+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	99
		CONTRACT NO. 68A41		
	ILLINOIS	FED. AID PROJECT		



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

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

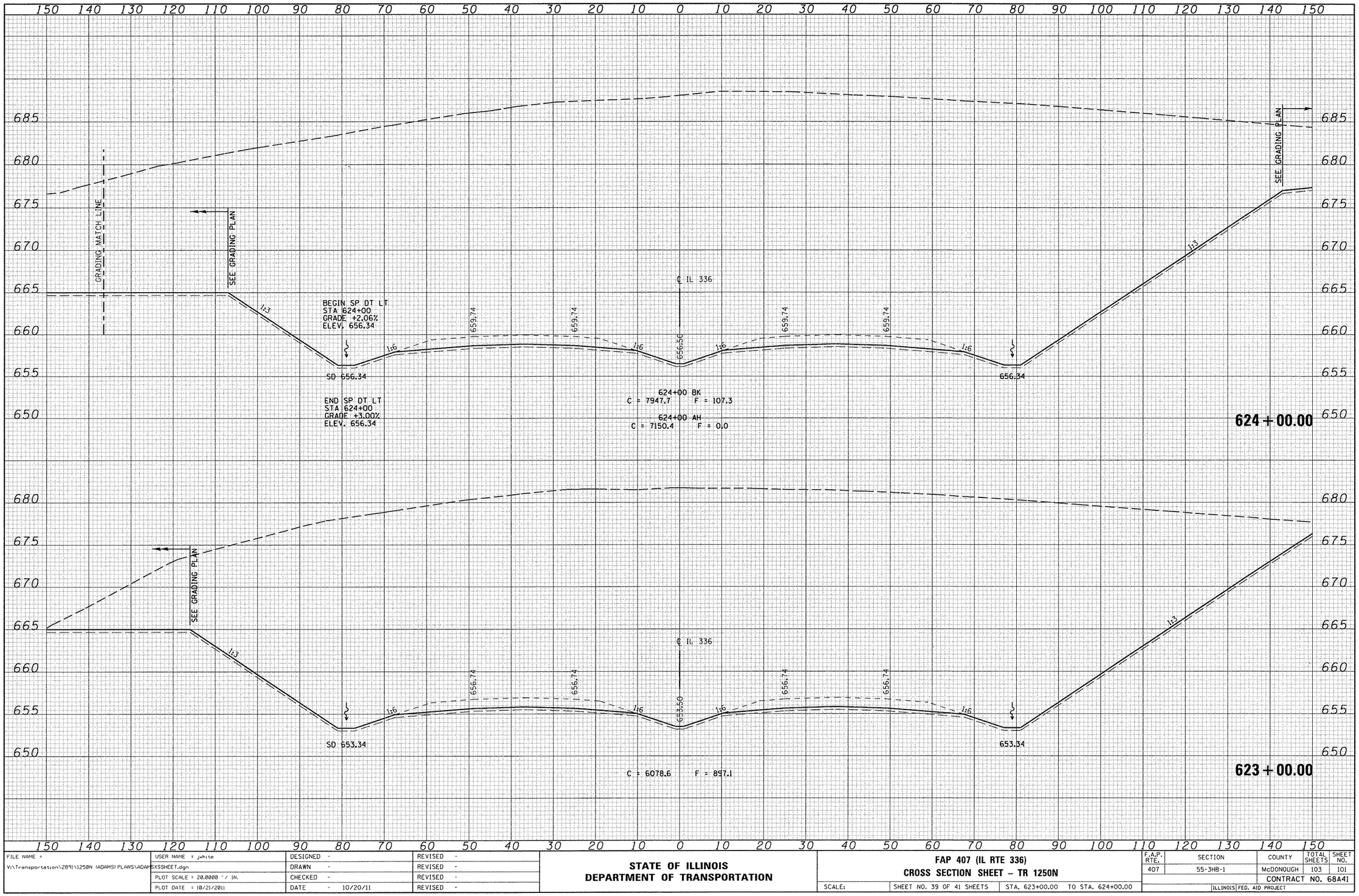
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 407 (IL RTE 336)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 38 OF 41 SHEETS | STA. 622+00.00 TO STA. 622+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	100
		CONTRACT NO. 68A41		
	ILLINOIS	FED. AID PROJECT		



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

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

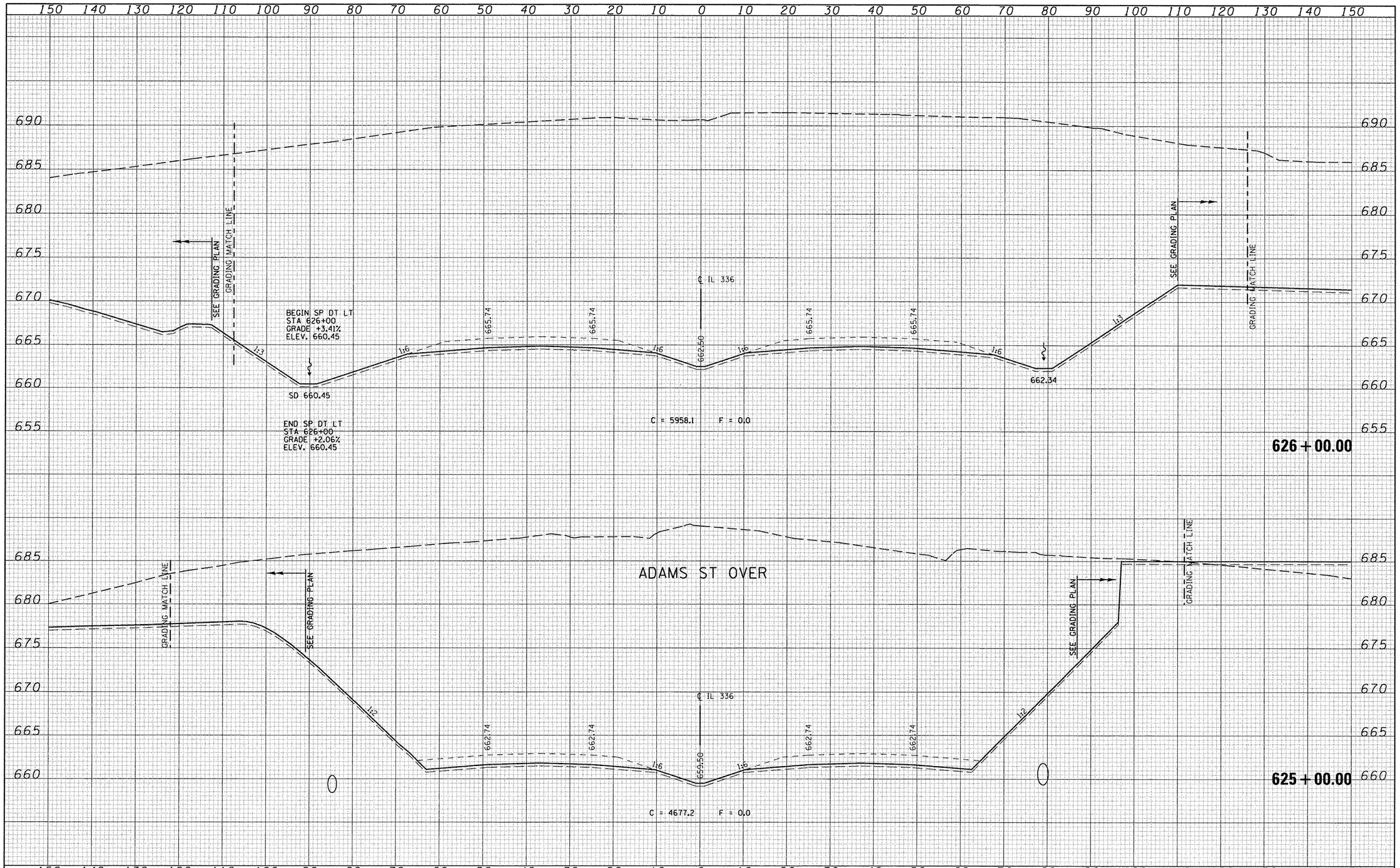
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	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 407 (IL RTE 336)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 39 OF 41 SHEETS | STA. 623+00.00 TO STA. 624+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	101
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		



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

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

FILE NAME =	USER NAME = jwhite	DESIGNED -	REVISED -
V:\Transportation\2891\1250N (ADAMS)PLANS\ADAMSXSSHEET.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

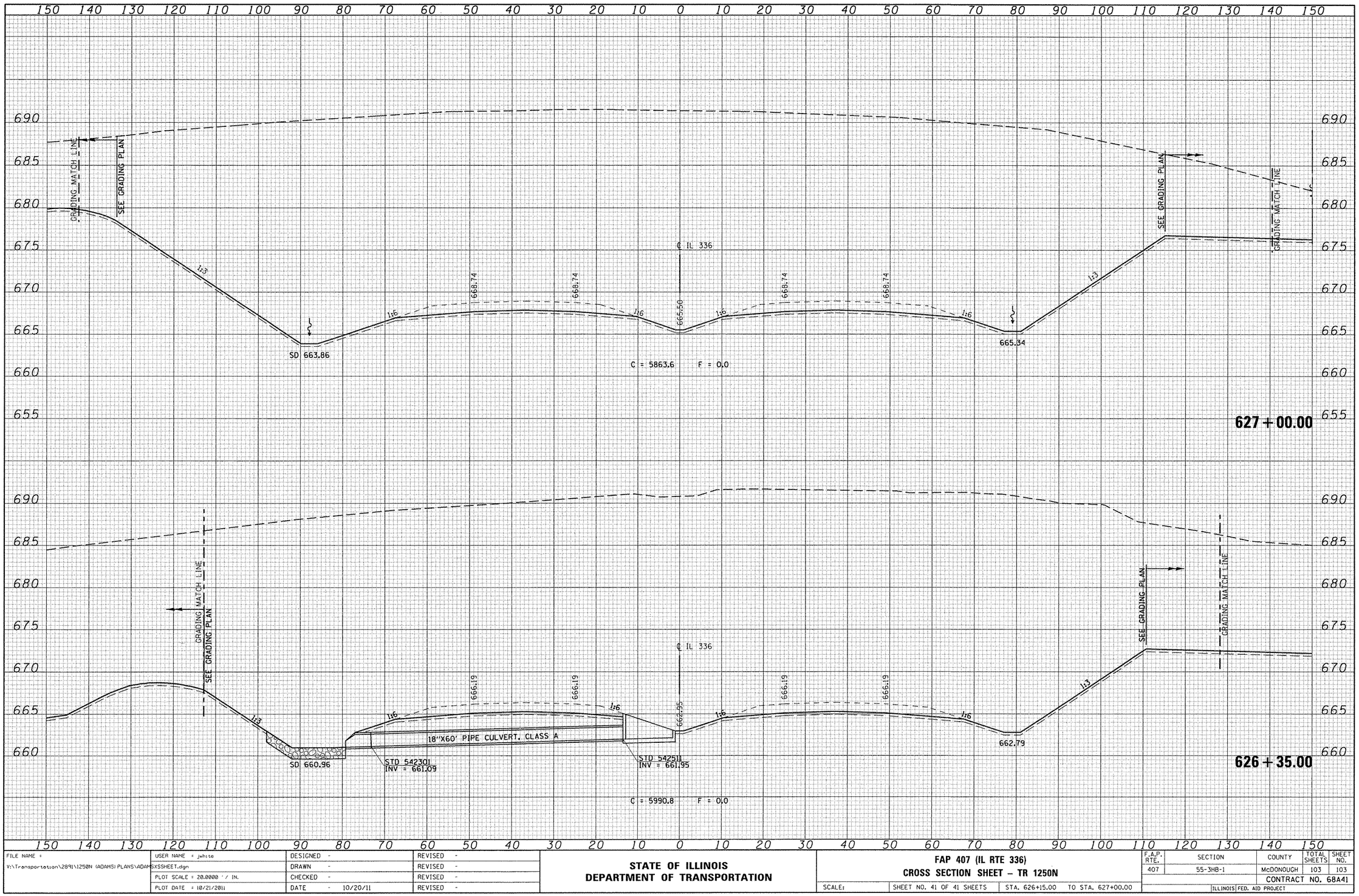
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 407 (IL RTE 336)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 40 OF 41 SHEETS | STA. 625+00.00 TO STA. 626+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	102
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		

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



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

FILE NAME =	USER NAME = jwhite	DESIGNED -	REVISED -
V:\Transportation\2891\1250N (ADAMS) PLANS\ADAMSXSSHEET.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/21/2011	DATE - 10/20/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 407 (IL RTE 336)
CROSS SECTION SHEET – TR 1250N

SCALE: | SHEET NO. 41 OF 41 SHEETS | STA. 626+15.00 | TO STA. 627+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	55-3HB-1	McDONOUGH	103	103
		CONTRACT NO. 68A41		
		ILLINOIS FED. AID PROJECT		