

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(5)N	LASALLE	39	1
		ILLINOIS	CONTRACT NO. 66857	

* 39 + 1 = 40
D-93-058-09
P-93-025-08

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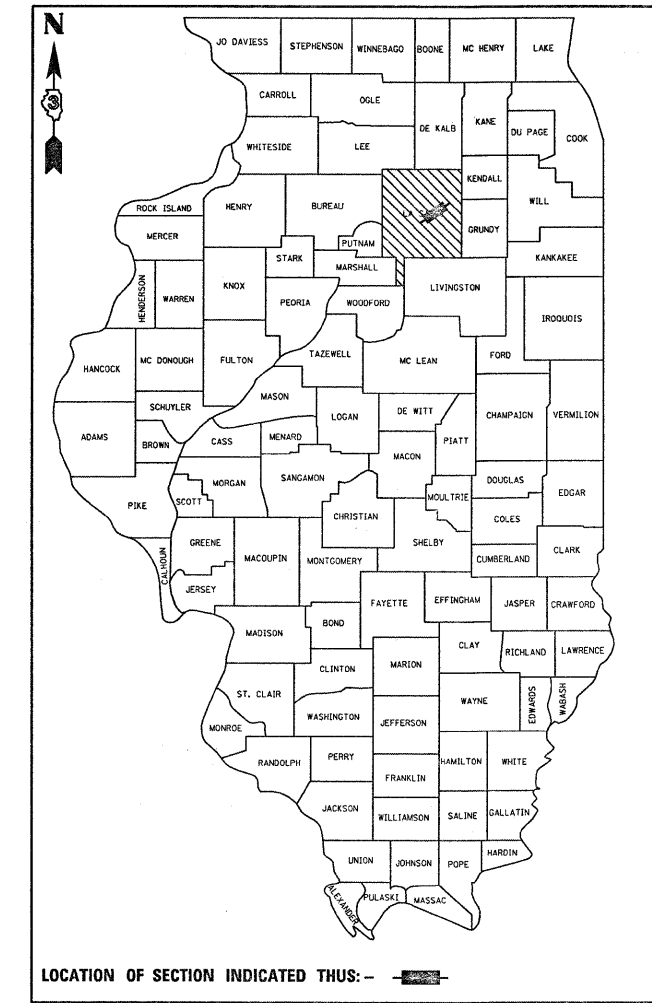
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

FAP ROUTE 311(IL 71)
SECTION (5)N
PROJECT ACHSIP-0311(042)
INTERSECTION IMPROVEMENT AT
DAYTON ROAD
LASALLE COUNTY

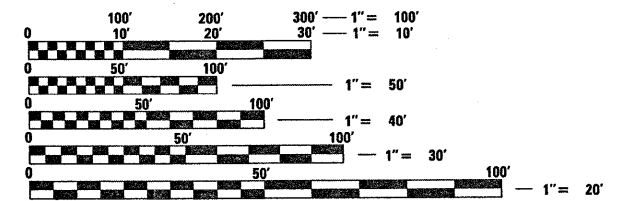
C-93-126-09

STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
- 285001-02 FABRIC FORMED CONCRETE REVETMENT MATS
- 420701-02 PAVEMENT FABRIC
- 442101-07 CLASS B PATCHES
- 542401-01 METAL END SECTION FOR PIPE CULVERTS
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 630001-08 STEEL PLATE BEAM GUARDRAIL
- 630101-08 GUARDRAIL MOUNTED ON EXISTING CULVERT
- 630201-06 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 642001-01 SHOULDER RUMBLE STRIPS
- 666001-01 RIGHT-OF-WAY MARKERS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-03 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701011-02 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-02 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≤ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701326-03 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≤ 45 MPH
- 701901-01 TRAFFIC CONTROL DEVICES
- 704001-06 TEMPORARY CONCRETE BARRIER
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 836001 LIGHT POLE FOUNDATION



OTHER PRINCIPAL ARTERIAL
ADT (2007) = 7300
PV=83.9% SU=5.1% MU=11.0%

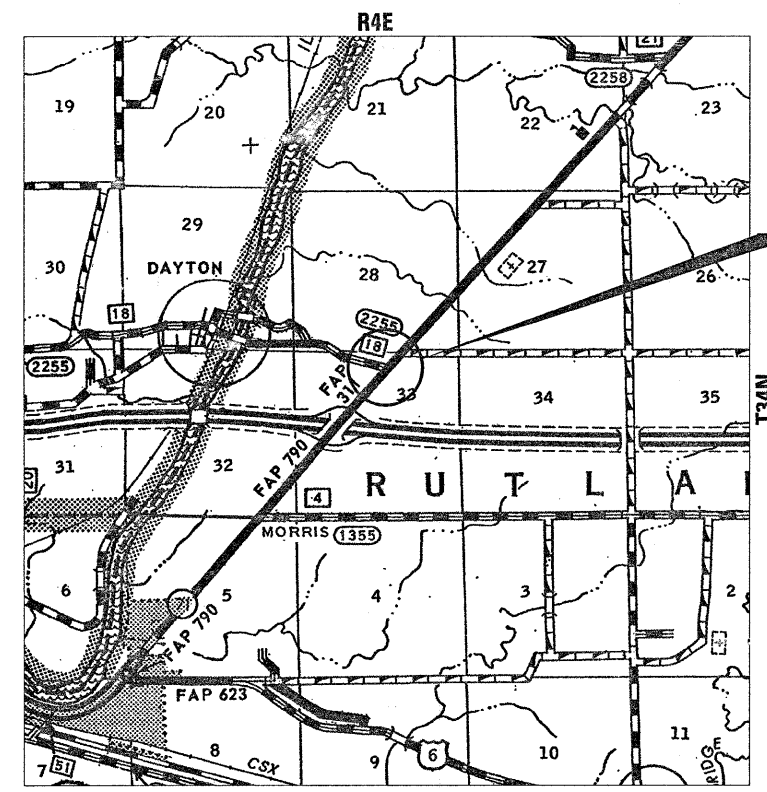


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: CRAIG REED
UNIT CHIEF: BRAD DUNCAN
TOWNSHIP: RUTLAND

CONTRACT NO. 66857



NOT TO SCALE

GROSS LENGTH & NET LENGTH = 1607 FT. = 0.30 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 17 2009
George Pearson
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

January 09 2010
Scott E. Stitt P.E./e
ENGINEER OF DESIGN AND ENVIRONMENT

January 09 2010
Christine M. Reed/e
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

THE BASE COURSE WIDENING SHALL BE CARRIED THROUGH ALL ENTRANCES, SIDE ROADS, AND MAILBOX TURNOUTS. EXCEPTIONS WILL BE SHOWN ON THE PLANS.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

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

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

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

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.08	GAL / SQ YD
FOR ADDITIONAL HMA LIFTS "FOG COAT"	0.05	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

AT & T
NICOR GAS
AMEREN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *Dw. Bouil*
Acting DISTRICT STUDIES & PLANS ENGINEER

DATE: 12/16/2009

EXAMINED BY: *Robert L. ...*
DISTRICT CONSTRUCTION ENGINEER

John P. ...
DISTRICT MATERIALS, ENGINEER

James A. ...
DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 66857							
PLOT DATE = Dec 08, 2009 - 01:53:47 PM	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
						SCALE:	SHEET NO.	OF	SHEETS	STA. TO STA.

SUMMARY OF QUANTITIES				90% FED. 10% STATE		
CODE NO.	ITEM	CONSTRUCTION CODE TYPE:		1000-2A ROADWAY	SFTY-2A SN 050-2559	Y030-1E
		UNIT	TOTAL QUANTITY			
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12		
20200100	EARTH EXCAVATION	CU YD	1531	1531		
20400800	FURNISHED EXCAVATION	CU YD	659	659		
* 25000200	SEEDING, CLASS 2	ACRE	1.18	1.18		
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	107	107		
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	107	107		
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	107	107		
* 25100115	MULCH, METHOD 2	ACRE	1.12	1.12		
* 25100630	EROSION CONTROL BLANKET	SQ YD	309	309		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	118	118		
28000305	TEMPORARY DITCH CHECKS	FOOT	184	184		
28000400	PERIMETER EROSION BARRIER	FOOT	111	111		
28100107	STONE RIPRAP, CLASS A4	SQ YD	219	219		
28200200	FILTER FABRIC	SQ YD	219	219		
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2086	2086		
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	1596	1596		
35400200	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 7"	SQ YD	247	247		
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	43	43		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	798	798		
40600300	AGGREGATE (PRIME COAT)	TON	12	12		
40600400	MIXTURE FOR JOINTS, CRACKS, AND FLANGEWAYS	TON	1	1		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	244	244		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	289	289		
40600990	TEMPORARY RAMP	SQ YD	114	114		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70	TON	336	336		
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX *D*, N70	TON	504	504		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	18	18		
42001200	PAVEMENT FABRIC	SQ YD	100	100		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY, PAVEMENT 8 INCH	SQ YD	111	111		
44000100	PAVEMENT REMOVAL	SQ YD	26	26		
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	3116	3116		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	344	344		
44002805	ISLAND REMOVAL	SQ FT	146	146		
44200924	CLASS B PATCHES, TYPE III, 7 INCH	SQ YD	17	17		
44213200	SAW CUTS	FOOT	554	554		
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	352	352		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2212	2212		

* SPECIALTY ITEMS

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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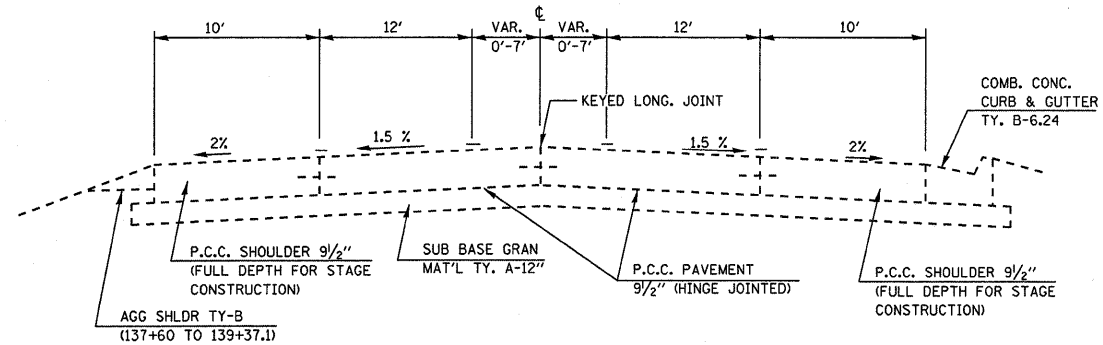
SUMMARY OF QUANTITIES				← 90% FED. 10% STATE →		
CODE NO.	ITEM	CONSTRUCTION CODE TYPE:		1000-2A ROADWAY	SFTY-2A SN 050-2559	Y030-1E
		UNIT	TOTAL QUANTITY			
48300410	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"	SQ YD	14	14		
50102400	CONCRETE REMOVAL	CU YD	15.8		15.8	
50105220	PIPE CULVERT REMOVAL	FOOT	50	50		
50800105	REINFORCEMENT BARS	POUND	1210		1210	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	280		280	
54003000	CONCRETE BOX CULVERTS	CU YD	16.7		16.7	
54010606	PRECAST CONCRETE BOX CULVERT 6' X 6'	FOOT	16		16	
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	50	50		
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	2.5	2.5		
54213453	END SECTIONS 18"	EACH	2	2		
54213459	END SECTIONS 24"	EACH	1	1		
54248510	CONCRETE COLLAR	CU YD	3.2		3.2	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	92	92		
60625600	ISLAND PAVEMENT (6")	SQ YD	12	12		
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6' ^{FOOT} POSTS	FOOT	425	425		
* 63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	12.5	12.5		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	3	3		
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1		
63200310	GUARDRAIL REMOVAL	FOOT	557	557		
64200105	SHOULDER RUMBLE STRIP	FOOT	2212	2212		
66502300	WOVEN WIRE FENCE REMOVAL	FOOT	69	69		
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	4	4		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		
67100100	MOBILIZATION	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1		
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	25	25		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1022	1022		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2686	2686		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	537.5	537.5		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	337.5	337.5		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	78	78		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	193	193		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	168	168		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30	30		

* SPECIALTY ITEMS

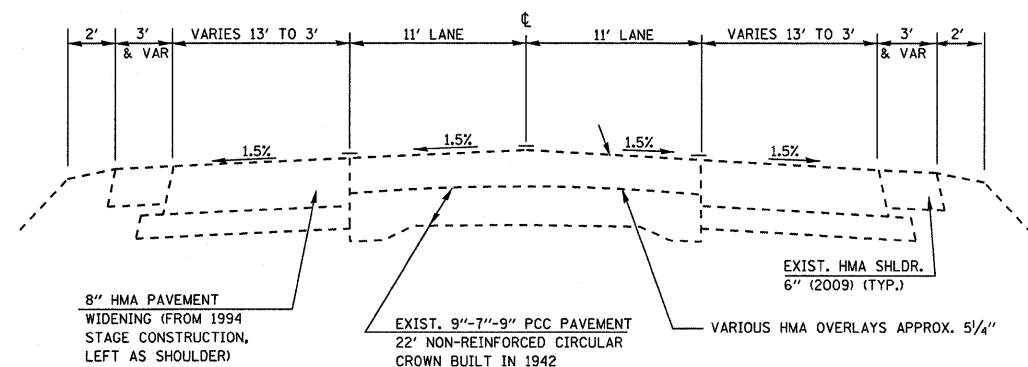
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		CHECKED -	REVISED -		CONTRACT NO. 66857										
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

SUMMARY OF QUANTITIES				90% FED. 10% STATE		
CODE NO.	ITEM	CONSTRUCTION CODE TYPE:		1000-2A ROADWAY	SFTY-2A SN 050-2559	Y030-1E
		UNIT	TOTAL QUANTITY			
* 78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62.4	62.4		
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	8088	8088		
* 78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	300	300		
* 78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	327	327		
* 78005150	EPOXY PAVEMENT MARKING - LINE 12"	FOOT	184	184		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	103	103		
	78200300 PRISMATIC CURB REFLECTOR	EACH	8	8		
* 78200410	GUARDRAIL MARKERS - TYPE A	EACH	6	6		
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4		
	78300100 PAVEMENT MARKING REMOVAL	SQ FT	1664	1664		
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	40	40		
* 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	10			10
* 81603010	UNIT DUCT, 600V, 2-1C NO. 10, 1/C ^{NO. 10} GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	125			125
* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	10			10
* 83600355	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	1			1
	44004250 ^{PAVED} SHOULDER REMOVAL (SPECIAL)	SQ YD	1872	1872		
* 84200807	REMOVAL OF POLE FOUNDATION, METAL	EACH	1			1
	X0712400 TEMPORARY PAVEMENT	SQ YD	16	16		
	44004000 PAVED DITCH REMOVAL	FOOT	400	400		
X4420032	CLASS B PATCHES, TYPE 2, 9 1/2 INCH	SQ YD	83	83		
	X6063600 COMBINATION ^{CONCRETE} CURB AND GUTTER, TYPE M-4.24	FOOT	32	32		
	X6064201 COMBINATION ^{CONCRETE} CURB AND GUTTER, TYPE M-4.06	FOOT	20	20		
	X7030130 PAVEMENT MARKING TAPE, TYPE III 4", SPECIAL	FOOT	17520	17520		
	X7030160 PAVEMENT MARKING TAPE, TYPE III 24", SPECIAL	FOOT	49	49		
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1			1
	Z0017100 DOWEL BARS	EACH	308	308		
	Z0030260 IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2		
	Z0030330 IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
	Z0054400 ROCK FILL	CU YD	11	11		
	Z0075300 TIE BARS	EACH	1359	1359		

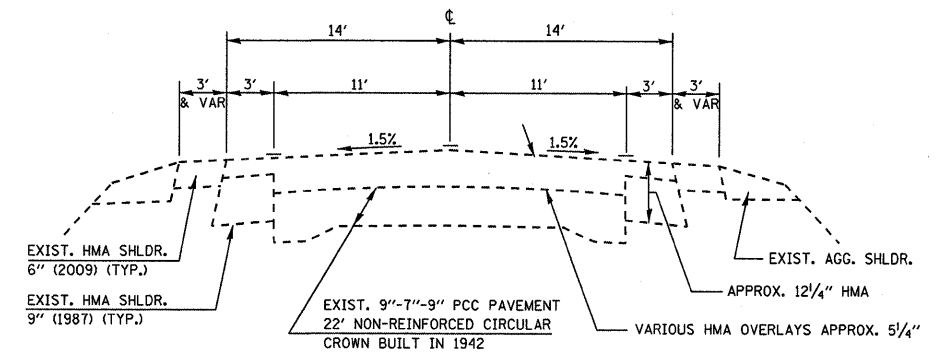
• SPECIALTY ITEMS



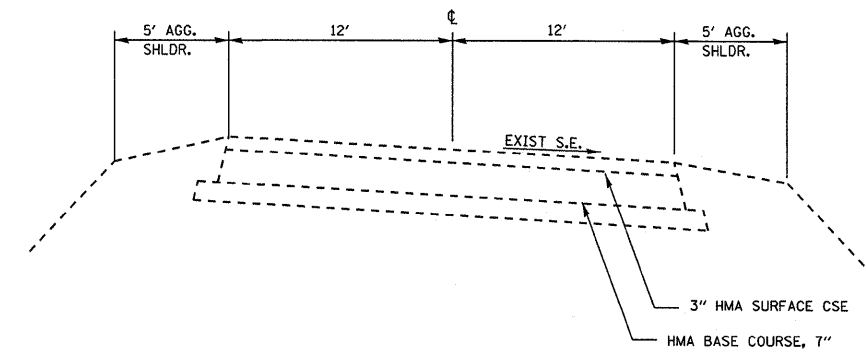
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STA. 136+90 TO STA. 139+37.1**



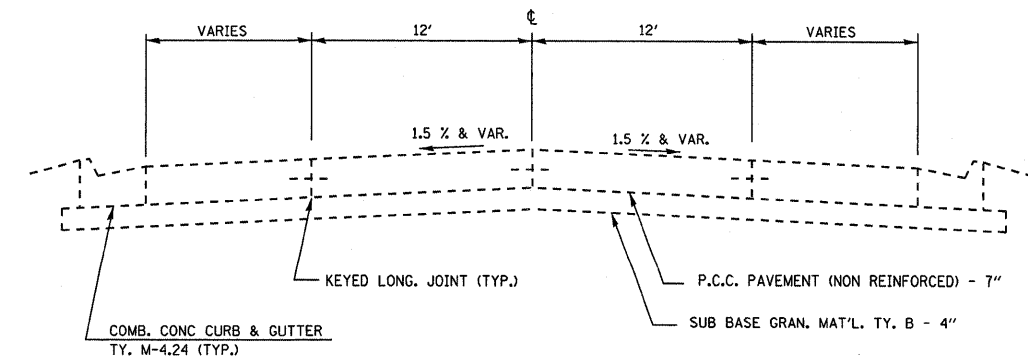
**EXISTING TYPICAL SECTION IL 71
STA. 139+37.1 TO STA. 143+00**



**EXISTING TYPICAL SECTION IL 71
STA. 143+00 TO STA. 151+97**



**EXISTING TYPICAL SECTION - DAYTON RD.
STA. 166+94.50 TO STA. 169+16.30**



**EXISTING TYPICAL SECTION - DAYTON RD.
STA. 169+16.30 TO STA. 170+30**

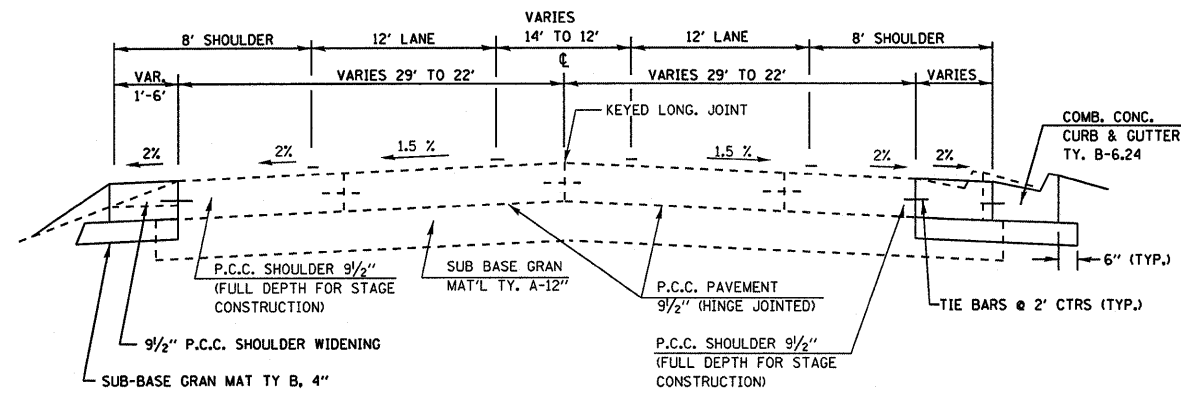
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

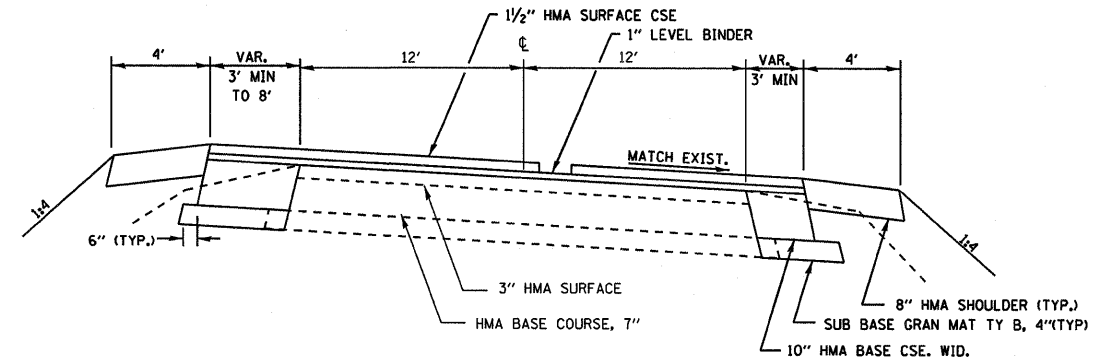
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(5)IN	LASALLE	39	6
			CONTRACT NO. 66857	
ILLINOIS FED. AID PROJECT				

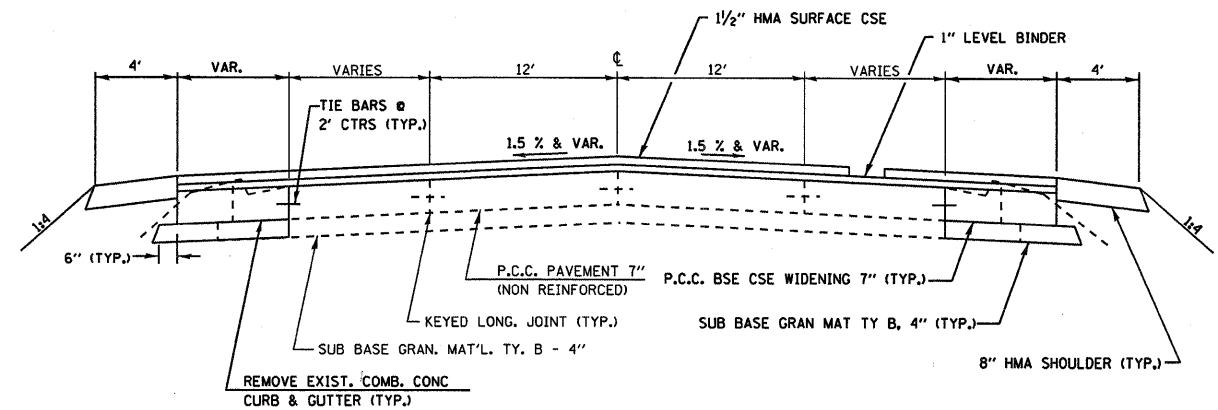


**PROPOSED TYPICAL IL 71
STA. 136+90 TO STA. 139+37.1**

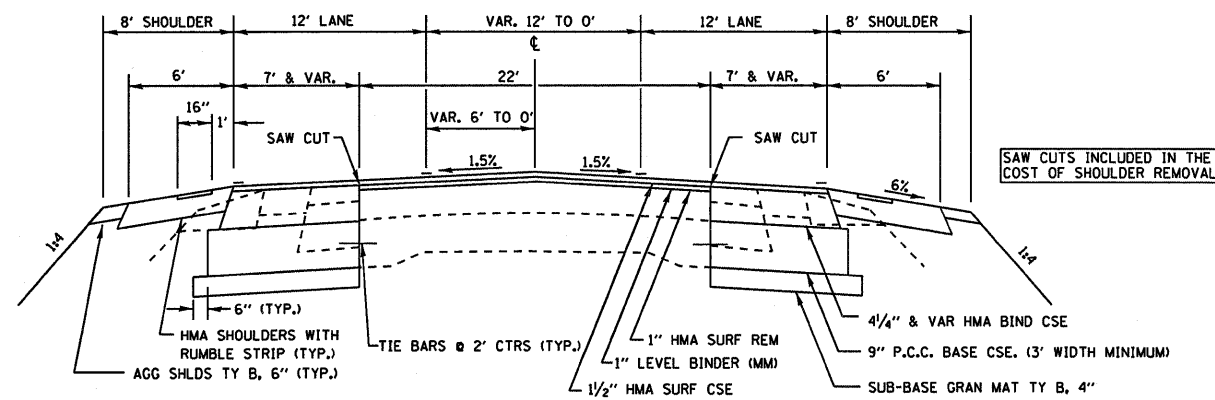
- NOTES:**
1. SAW CUTS INCLUDED IN THE COST OF SHOULDER REMOVAL
 2. TIE BARS TO BE INSTALLED ACCORDING TO ART. 442.06(a)(2) OF THE STANDARD SPECIFICATIONS.



**PROPOSED TYPICAL SECTION - DAYTON RD.
STA. 166+94.50 TO STA. 169+16.30**



**PROPOSED TYPICAL SECTION - DAYTON RD.
STA. 169+16.30 TO STA. 170+30**



**PROPOSED TYPICAL SECTION IL 71
STA. 139+37.1 TO 151+97.00**

MIXTURE TABLE

	HMA SURFACE	HMA BINDER	HMA LEVEL BINDER	HMA SHOULDERS
PG GRADE	PG64-22	PG64-22	PG64-22	PG58-22
DESIGN AIR	4.0% @		4.0% @	2.0% @
VOIDS	N70	N70	N70	N30
MIXTURE COMPOSITION	IL 12.5 OR IL 9.5	IL 19.0	IL 9.5	IL 9.5L
FRICTION				
AGGREGATE	MIXTURE D			
DENSITY TEST METHOD	CORRELATION	CORES	SATISFACTION OF ENGINEER	CORES*

* MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/OA SPECIFICATION.

MAINLINE - IL 71														
LOCATION	HMA SURF REMOVAL BUTT JOINT	SUB-BASE GRAN MATERIAL TY A 4"	HMA SURF REM 1"	PCC BASE COURSE 9"	BIT MAT PRIME COAT	AGG PRIME COAT	MIX FOR JTS, CRKS FLANG	LEVEL BIND (MM) N70	HMA SURFACE COURSE MIX D N70	HMA BIND COURSE IL 19.0, N70	HMA SHLDS 8"	PCC SHLD 9 1/2"	AGG SHLDS TYPE B 6"	TEMP RAMP
	SQ YD	SQ YD	SQ YD	SQ YD	GALLON	TON	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD
135+90 - 139+37		50.8										14	41.1	
139+37 - 145+27	80	1010	1442.2	944.5	310.27	4.77	0.43	80.8	200.5	174	786.7		224.6	20
145+27 - 147+44		180.8	615.2	168.8	101.30	1.54	0.18	34.5	64.8	32	250		7.1	68.5
147+44 - 150+47		416	740.7	382.4	146.00	2.25	0.22	41.5	94.3	90	745.4		12.7	
150+47 - 151+37		70	220	60	35.50	0.52	0.07	12.3	22	28	128.5		35.8	
151+37 - 151+97	48.9	46.6	97.8	40	22.67	0.31	0.04	2.1	13	12	80		30.2	12.2
TOTAL	129	1774	3116	1596	616	9	1	171	395	336	1991	14	352	101

MAINLINE - DAYTON ROAD										
LOCATION	HMA SURF REMOVAL BUTT JOINT	SUB-BASE GRAN MATERIAL TY A 4"	HMA BSE CSE WID 10"	PCC BASE CSE WID 7"	BIT MAT PRIME COAT	AGG PRIME COAT	LEV BIND (MM) N70	HMA SURFACE COURSE MIX D N70	HMA SHLDS 8"	TEMP RAMP
	SQ YD	SQ YD	SQ YD	SQ YD	GALLON	TON	TON	TON	SQ YD	SQ YD
168+38 - 168+98	160	26.3	23.2		23.01	0.35	9.9	14.9	53.3	13.3
168+98 - 169+16		21.4	19.4		8.61	0.13	3.7	5.6	16	
169+16 - 170+30		263.8		247	136.76	2.1	58.9	88.4	151.2	
TOTAL	160	312	43	247	168	3	73	109	221	13

CLASS B PATCHES								
LOCATION	SIDE	WIDTH OF PATCH	LENGTH OF PATCH	TYPE II 9 1/2"	TYPE III 7"	SAW CUTS	PAVEMENT FABRIC	DOWEL BARS
		FOOT	FOOT	SQ YD	SQ YD	FOOT	SQ YD	EACH
136+61	LT	12	6	8.00		48.00	8.00	28.00
136+61	MED	12	6	8.00		48.00	8.00	28.00
136+61	RT	12	6	8.00		48.00	8.00	28.00
137+51	LT	12	6	8.00		48.00	8.00	28.00
137+51	MED	12	6	8.00		48.00	8.00	28.00
137+51	RT	12	6	8.00		48.00	8.00	28.00
138+53	LT	13	6	8.67		51.00	8.67	28.00
138+84	RT	13	6	8.67		51.00	8.67	28.00
139+15	LT	13	6	8.67		51.00	8.67	28.00
139+27	LT	13	6	8.67		51.00	9	28.00
DAYTON ROAD		12	13		17	62.00	17	28.00
TOTAL				83	17	554	100	308

ENTRANCE SCHEDULE							
STATION	SIDE	LOCATION	TYPE	AREA	PCC DRIVE PAVT 8"	INC HMA SURF	BIT. MAT. PR. CT.
				SQ YD	SQ YD	TONS	GALLON
IL 71							
139+01.1	RT	CE	PCC	111.00	111.00		
141+11.3	LT	CE	AGG	122.90		13.76	9.83
DAYTON ROAD							
168+55	RT	FE	HMA	49.80		4.18	3.98
TOTAL				284	111	18	14

EARTHWORK					
LOCATION	EARTH EXCAVATION	SUITABLE EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)
STA. TO STA.	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD	CUBIC YARD
STAGE 1					
IL 71					
138+49 - 151+97	869	782	587	907	-320
DAYTON ROAD					
168+38 - 169+70	38	35	26	12	14
STAGE 2					
IL 71					
137+48 - 151+97	569	512	384	762	-378
DAYTON ROAD					
168+38 - 169+70	55	50	37	12	25
TOTAL	1531	1379	1034	1693	-659

STAGING ITEMS					
LOCATION	TEMPORARY CONCRETE BARRIER	REL TEMP CONCRETE BARRIER	IMPACT ATT TEMP (FULL RED, NARROW) TEST LEVEL 3	IMPACT ATT REL (FULLY RED) TEST LEVEL 3	TEMP PAVEMENT (7")
	FOOT	FOOT	EACH	EACH	SQ YD
STAGE 1					
145±00 - 150±45	537.5		2		16
STAGE 2					
147±03 - 150±35		337.5		2	
TOTAL	537.5	337.5	2	2	16

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pwork\pwork\dot\duncanbd\dms31838\ep2508-sht-detail.dgn	DRAWN -	REVISED -	REVISED -						311	(5)IN	LASALLE	39	8
PLOT SCALE = 50,0000 ' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 66857				
PLOT DATE = Dec 08, 2009 - 01:21:38 PM	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								

GUARDRAIL							
LOCATION	SPBGR TYPE A	SPBGR ATTACHED	TRAF BARR TERM TY 1	TRAF BARR TERM TY 1	GUARDRAIL MARKERS	TERM MARK DIRECT	GUARDRAIL REM
	6 FT POSTS	TO STRUCTURE	SPEC, TANG	SPEC, FLAR	TYPE A	APPLIED	FOOT
	FOOT	FOOT	EACH	EACH	EACH	EACH	FOOT
146+46 - 149+25 RT							279
147+29 - 150+07 LT							278
145+93.74 - 146+43.74 RT			1			1	
146+43.74 - 149+06.24 RT	256.25	6.25			4		
149+06.24 - 149+56.24 RT			1			1	
147+56.27 - 148+06.27 LT				1		1	
148+06.27 - 149+81.27 LT	168.75	6.25			2		
149+81.27 - 150+31.27 LT			1			1	
TOTAL	425.0	12.5	3	1	6	4	557

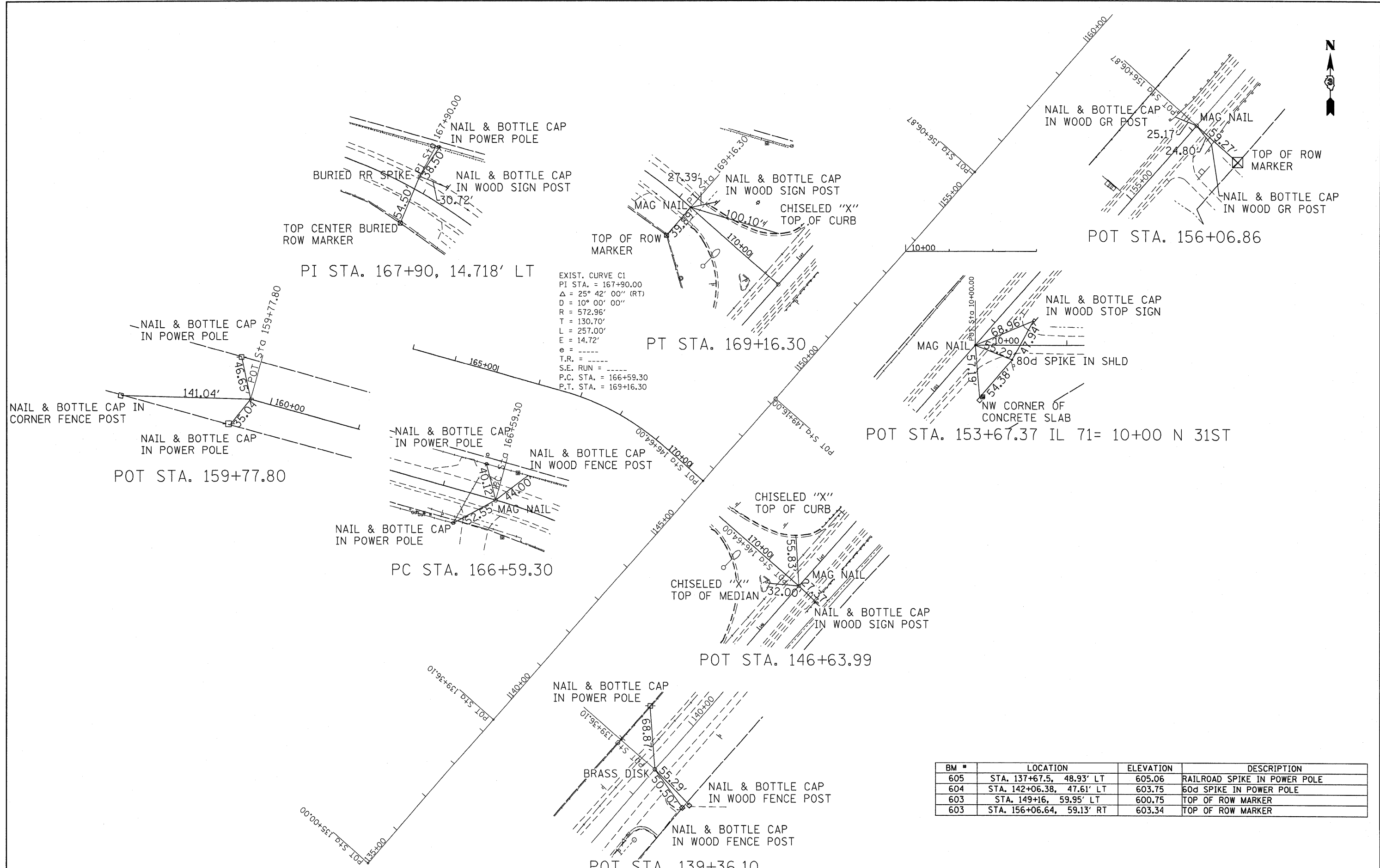
SEEDING						
LOCATION	SEEDING CLASS 2	EROSION CONTROL BLANKET	MULCH METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT
	ACRE	SQ YD	ACRE	POUND	POUND	POUND
IL 71						
137+50 - 151+97 LT	0.55		0.55	50	50	50
138+50 - 151+97 RT	0.54		0.48	49	49	49
147+88 - 148+50 RT		136.7				
ALONG DITCH BOTTOM						
146+00 - 147+88 RT		83.6				
148+50 - 150+50 RT		88.9				
DAYTON ROAD						
168+38 - 169+70 LT	0.03		0.03	3	3	3
168+38 - 169+87 RT	0.06		0.06	5	5	5
TOTAL	1.18	309	1.12	107	107	107

PAVEMENT MARKING																					
STA. TO STA.	EPOXY						THERMOPLASTIC					RAISED REFL PAVT MARK	PAVT MARK TAPE TY III SPEC (4'')	SHORT TERM	PAVT MARK REM	WORK ZONE PAVT MARK REM					
	4''		6''		8''		12''		LETTERS & SYMBOLS SQ FT	8''							12''		24''		LETTERS & SYMBOLS SQ FT
	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE		WHITE	WHITE						WHITE	WHITE	WHITE	WHITE	
FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT					
IL 71																					
135+90 - 139+37																					
BIDIRECTIONAL EDGELINE	694		180							62.4							18				
139+37 - 141+35																					
BIDIRECTIONAL EDGELINE	396		100														8				
141+35 - 143+38																					
MEDIAN EDGELINE	795	406															10				
TURN LANE				46																	
143+38 - 146+19																					
CENTERLINE EDGELINE	562	385															16				
TURN LANE				281													8				
146+19 - 147+32																					
EDGELINE		113																			
147+32 - 151+47																					
MEDIAN EDGELINE	1572	811								116							31				
151+47 - 151+97																					
CENTERLINE EDGELINE	100	100															2				
151+97 - 152+70																					
CENTERLINE NO PASSING ZONE EDGELINE	43		20														2				
DAYTON ROAD																					
CENTERLINE EDGELINE	310	565															8				
ISLAND STOP BARS								193	168								30				
STAGE 1																					
IL 71																					
137±50 - 152±70													5472		885						
STAGE 2																					
IL 71																					
137±50 - 152±60													5615	104	1409						
DAYTON ROAD																					
168±20 - 170±34													1363	299							
STAGE 3																					
IL 71																					
135±90 - 151±97													5364	881	376	1123					
DAYTON ROAD																					
168±38 - 170±30														141		154					
TOTAL	4472	3616	300	327	184	62.4	193	168	30	78	103	17814	1022	1664	2686						

TEMPORARY EROSION CONTROL SYSTEMS			
STATION	LOCATION	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER
		FOOT	FOOT
IL 71			
141+00	RT	8	
142+75	RT	8	
144+50	RT	8	
146+00	RT	8	
146+50	RT	8	
147+00	RT	8	
147+50	RT	8	
147+85	RT	8	
148+40	RT	8	
148+90	RT	8	
149+40	RT	8	
149+90	RT	8	
150+40	RT	8	
140+00	LT	8	
141+50	LT	8	
143+00	LT	8	
144+50	LT	8	
146+00	LT	8	
149+00	LT	8	
149+75	LT	8	
150+50	LT	8	
DAYTON ROAD			
169+15	RT	8	
169+50	RT	8	
148+09 - 148+51	LT		47
147+87 - 148+39	RT		64
TOTALS		184	111

TEMPORARY EROSION CONTROL SEEDING QUANTITY (NOT SHOWN) BASED ON FINAL SEEDING

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\p\wdot\duncanbd\dms31838\epo	588-sht-details.DGN	DRAWN -	REVISED -					311	(5)N	LASALLE	39	9
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		SCALE:			CONTRACT NO. 66857				
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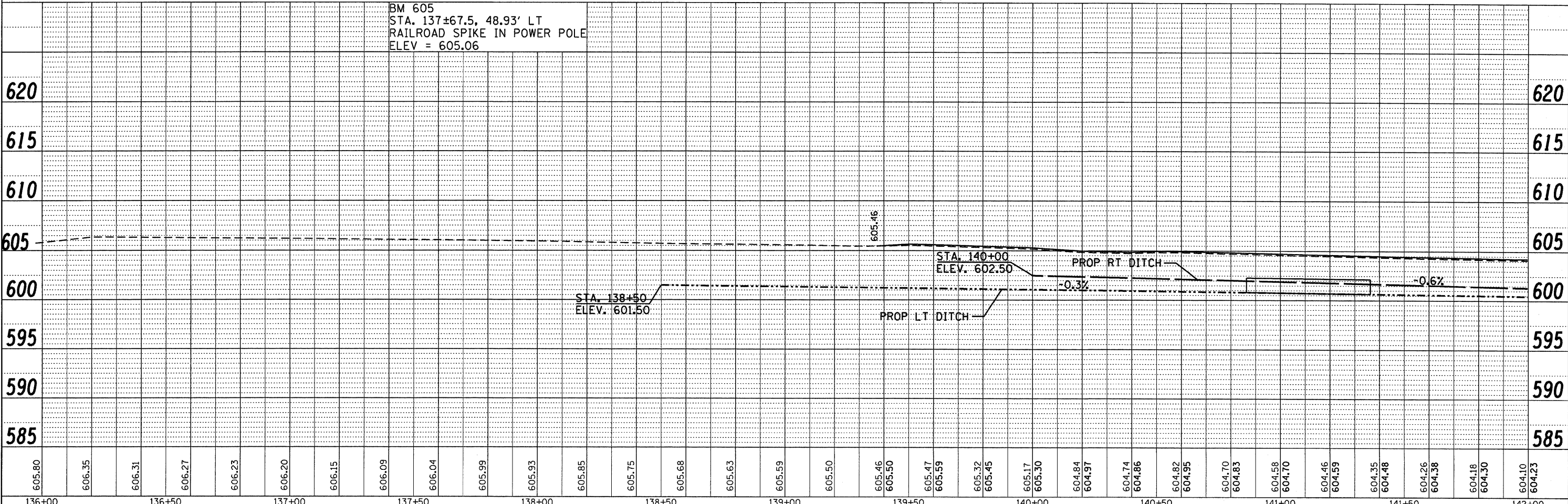
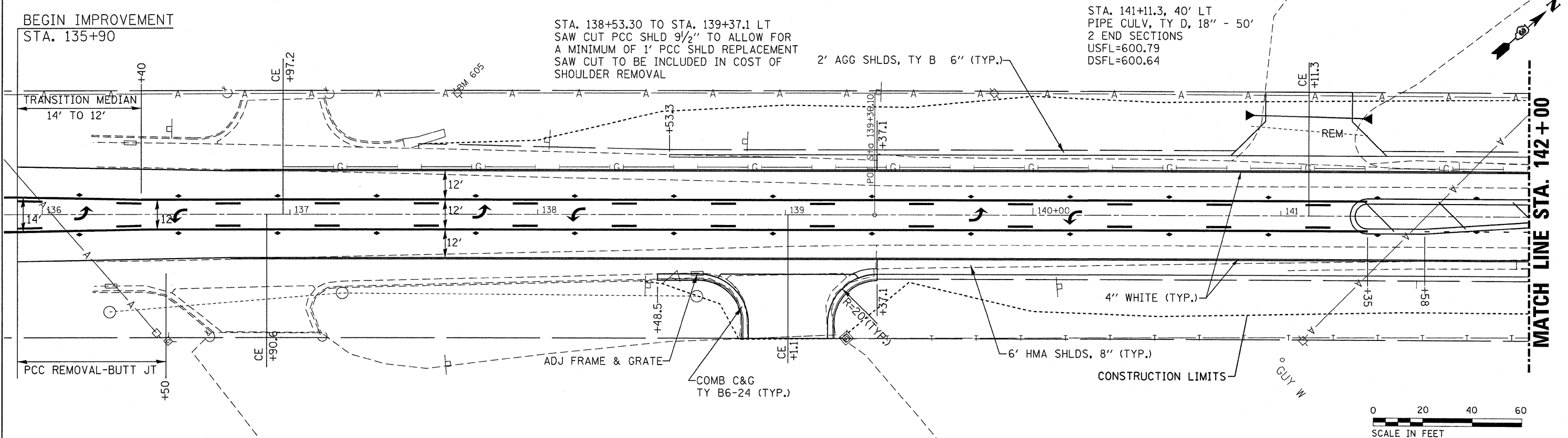
EXIST. CURVE C1
 PI STA. = 167+90.00
 $\Delta = 25^\circ 42' 00''$ (RT)
 $D = 10^\circ 00' 00''$
 $R = 572.96'$
 $T = 130.70'$
 $L = 257.00'$
 $E = 14.72'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 166+59.30$
 $P.T. STA. = 169+16.30$

BM #	LOCATION	ELEVATION	DESCRIPTION
605	STA. 137+67.5, 48.93' LT	605.06	RAILROAD SPIKE IN POWER POLE
604	STA. 142+06.38, 47.61' LT	603.75	60d SPIKE IN POWER POLE
603	STA. 149+16, 59.95' LT	600.75	TOP OF ROW MARKER
603	STA. 156+06.64, 59.13' RT	603.34	TOP OF ROW MARKER

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES & BENCHMARKS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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					ILLINOIS FED. AID PROJECT							

PLAN
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 CHECKED _____
 DESIGNED _____

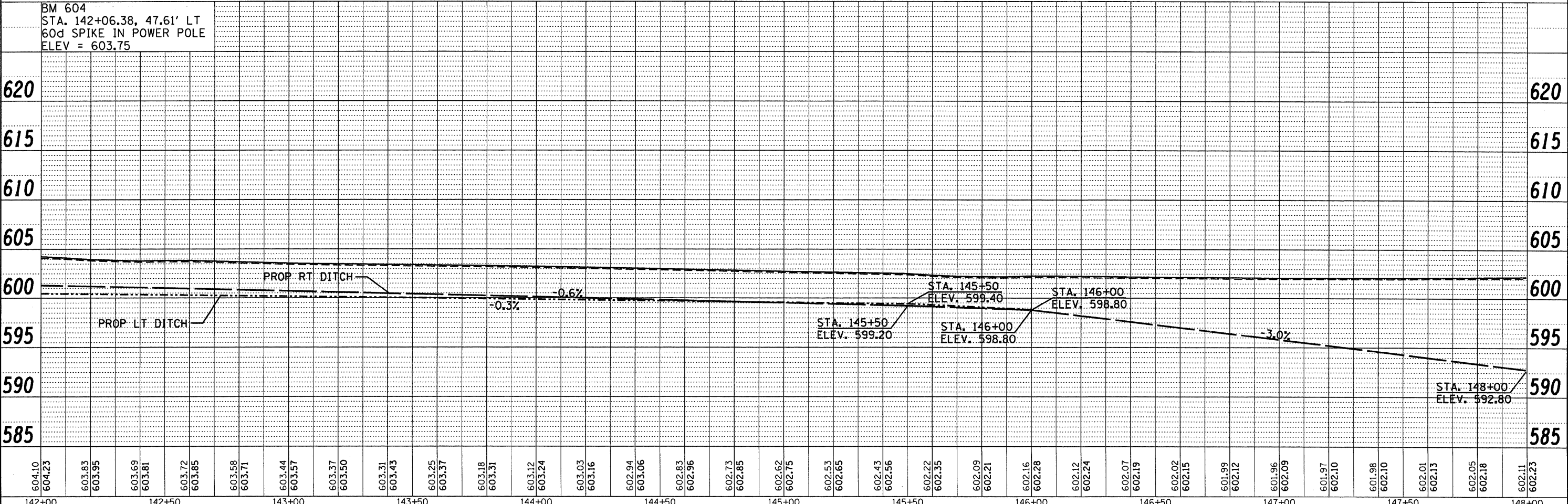
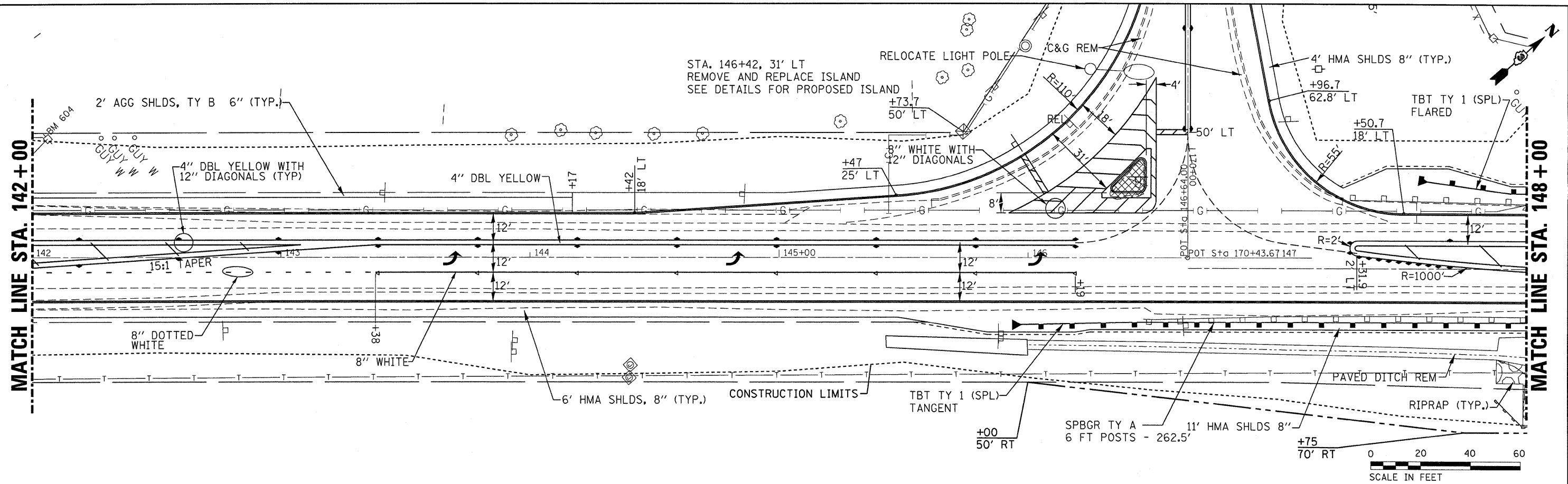
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 BY _____
 CHECKED _____
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FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROUTE 71		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\p1dot\duncanbd\dms31838\EP02588-sh1-plnprf20.DGN		DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO.	OF SHEETS	311	(5)IN	LASALLE	39	11
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -		STA. 136+00 TO STA. 142+00					CONTRACT NO. 66857		
PLOT DATE = Dec 08, 2009 - 01:13:44 PM		DATE -	REVISED -								ILLINOIS FED. AID PROJECT	

PLAN	DATE
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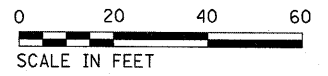
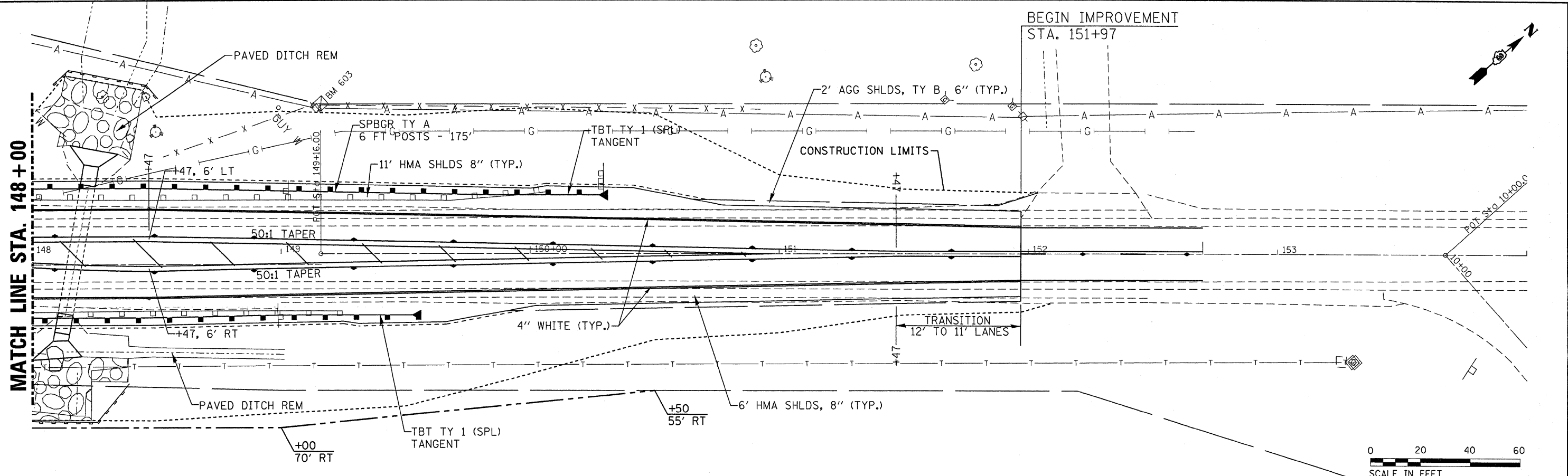
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FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROUTE 71	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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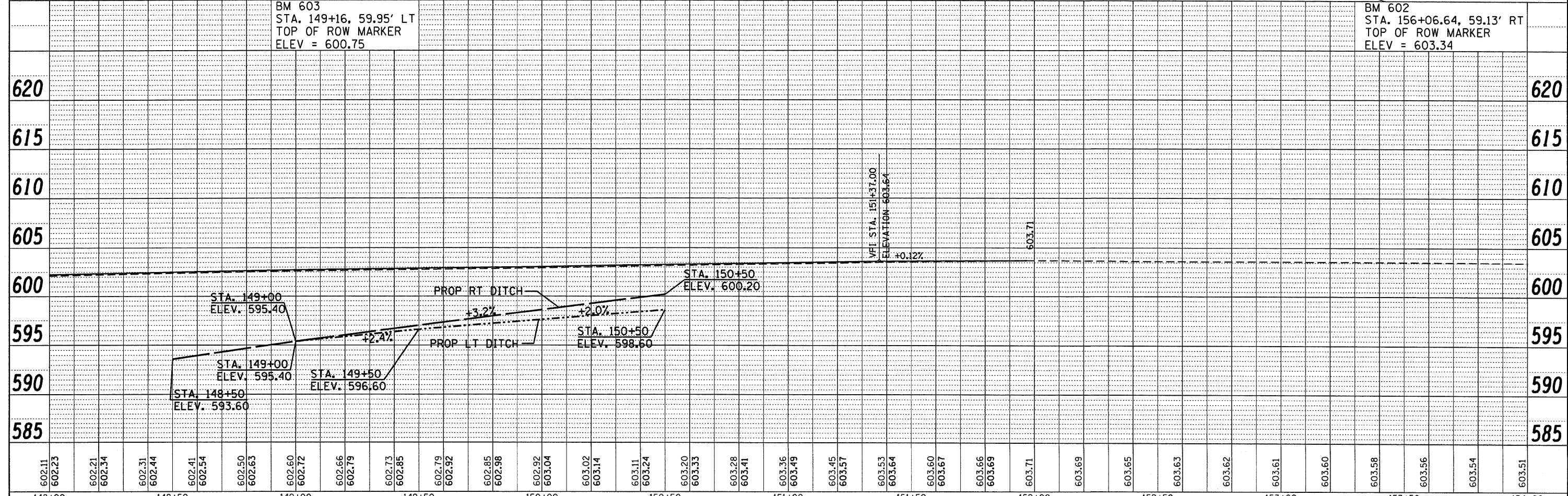
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NO.	
NOTE BOOK	
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CADD FILE NAME	

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



BM 603
STA. 149+16, 59.95' LT
TOP OF ROW MARKER
ELEV = 600.75

BM 602
STA. 156+06.64, 59.13' RT
TOP OF ROW MARKER
ELEV = 603.34



602.11	602.23	602.21	602.34	602.31	602.44	602.41	602.54	602.50	602.63	602.60	602.72	602.66	602.79	602.73	602.85	602.79	602.92	602.85	602.98	602.92	603.04	603.02	603.14	603.11	603.24	603.20	603.33	603.28	603.41	603.36	603.49	603.45	603.57	603.53	603.64	603.60	603.67	603.66	603.69	603.71	603.69	603.65	603.63	603.62	603.61	603.60	603.58	603.56	603.54	603.51
148+00	148+50	148+50	148+50	148+50	148+50	149+00	149+00	149+00	149+00	149+00	149+50	149+50	149+50	149+50	149+50	149+50	150+00	150+00	150+00	150+00	150+00	150+00	150+50	150+50	150+50	150+50	150+50	151+00	151+00	151+00	151+00	151+00	151+50	151+50	151+50	151+50	152+00	152+00	152+00	152+00	152+00	152+00	152+50	152+50	152+50	153+00	153+00	153+00	153+00	154+00

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -
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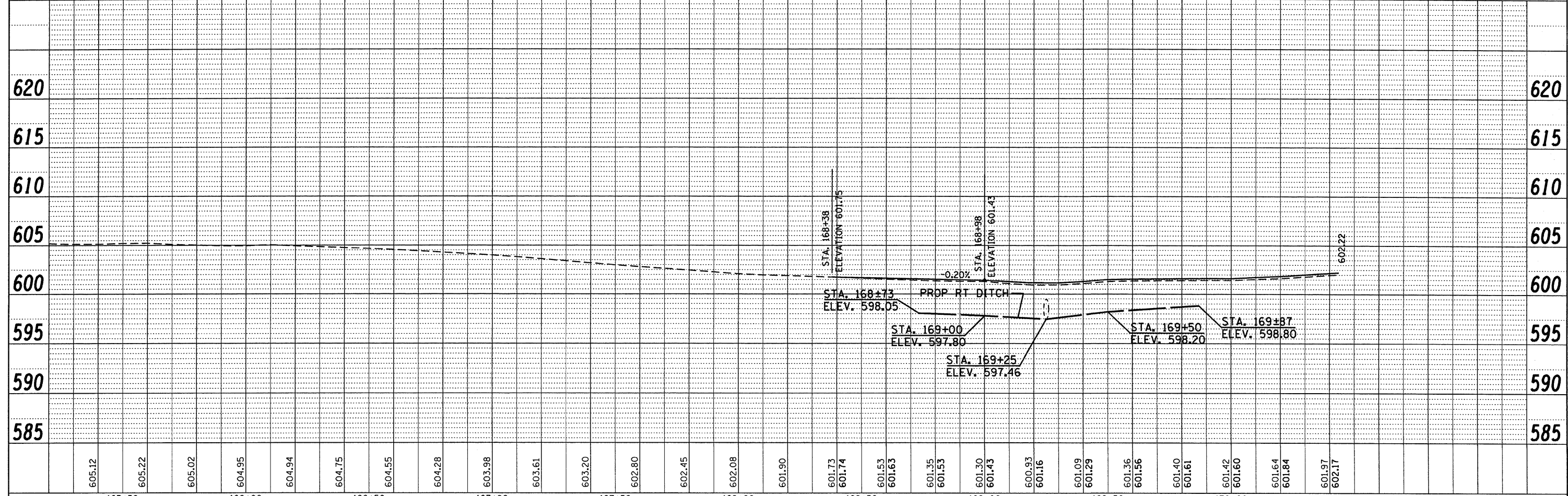
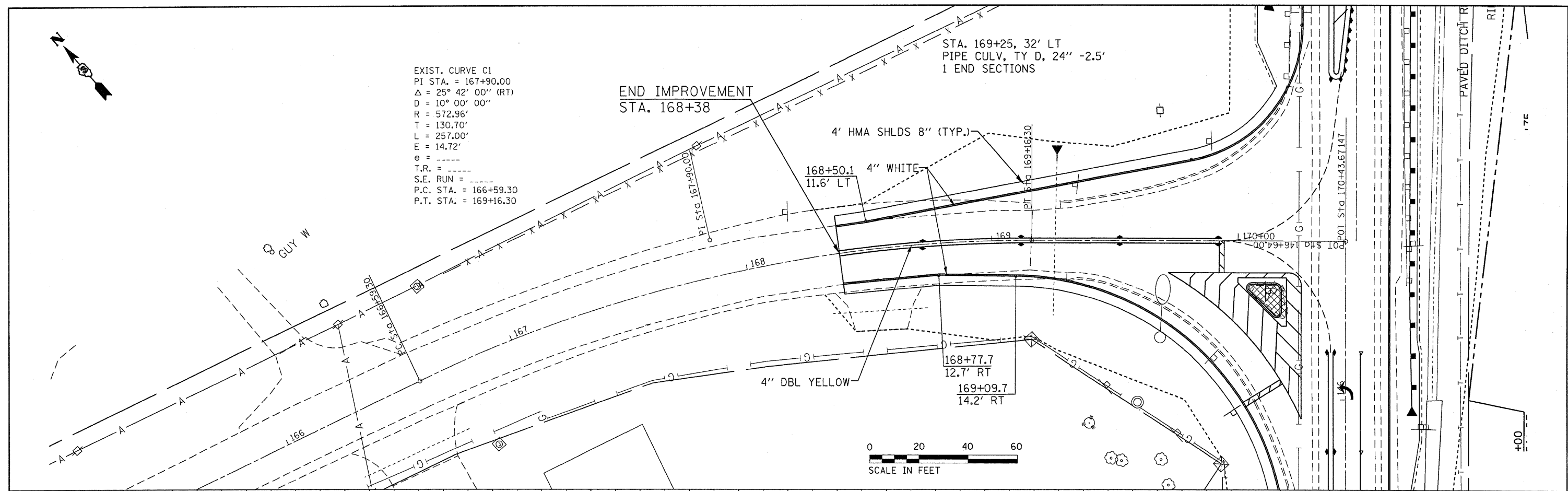
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROUTE 71			
SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. 148+00 TO STA. 154+00	

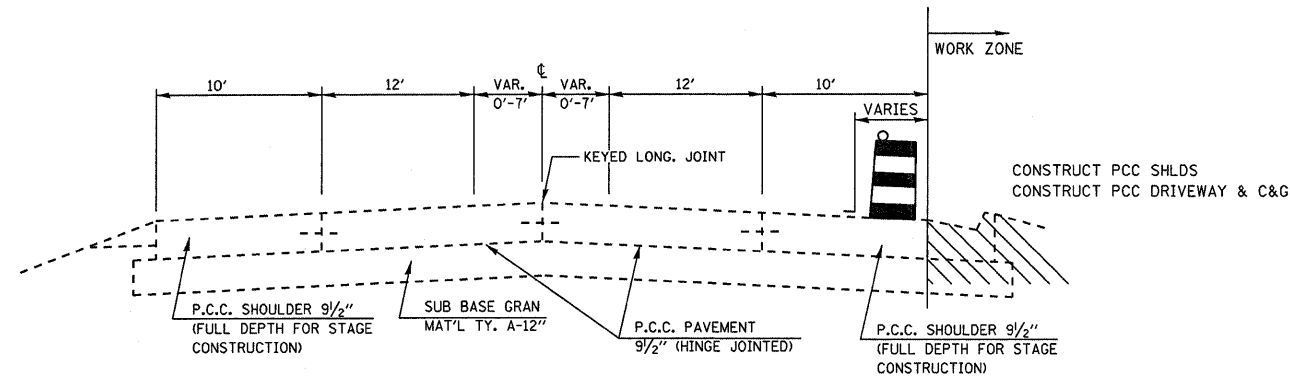
F.A.P. RTE. 311	SECTION (5)N	COUNTY LASALLE	TOTAL SHEETS 39	SHEET NO. 13
CONTRACT NO. 66857				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
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	CHECKED	
	ALIGNED	
	AS SHOWN	
	FILE NAME	

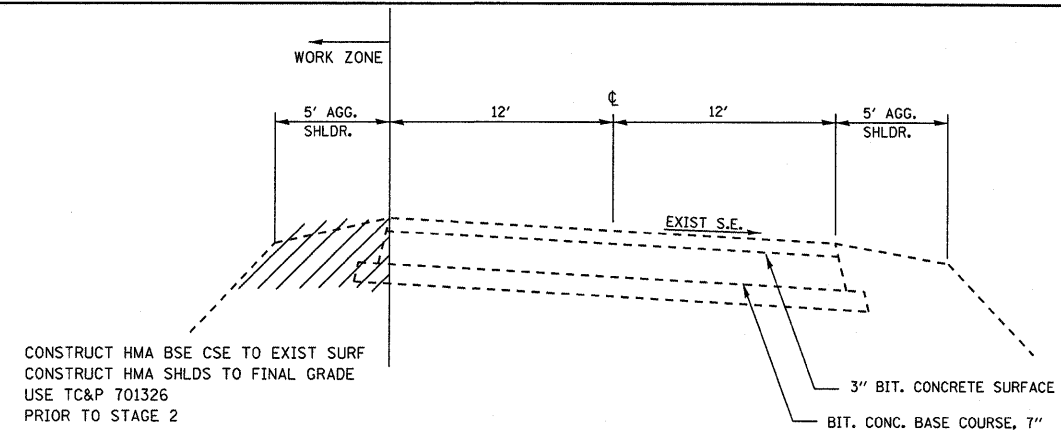
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NO.	PLOTTED	BY
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	GRADES	
	STRUCTURE	
	NOTATIONS	



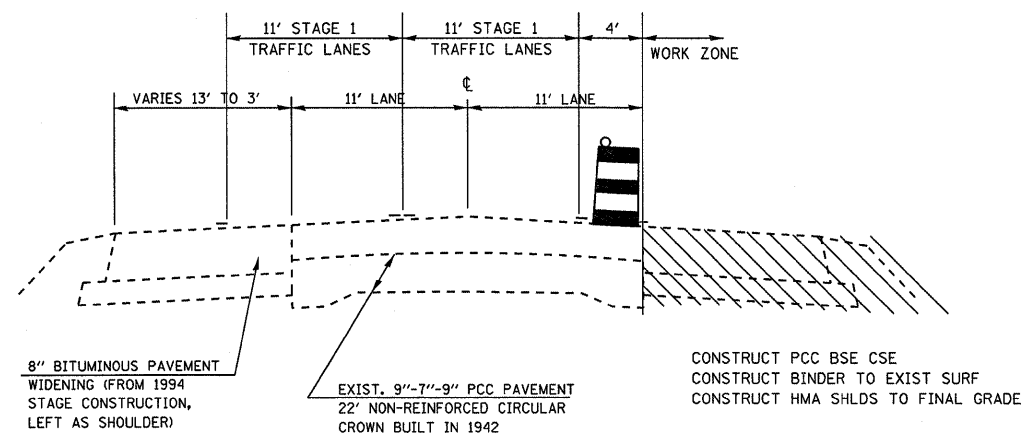
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CONTRACT NO. 66857	PLLOT SCALE = 28.0000' / IN.	DRAWN -	REVISED -			SCALE: 1"=20'	SHEET NO. OF SHEETS	STA. 165+50 TO STA. 170+00	ILLINOIS FED. AID PROJECT			
	PLLOT DATE = Dec 08, 2009 - 01:13:23 PM	CHECKED -	REVISED -									



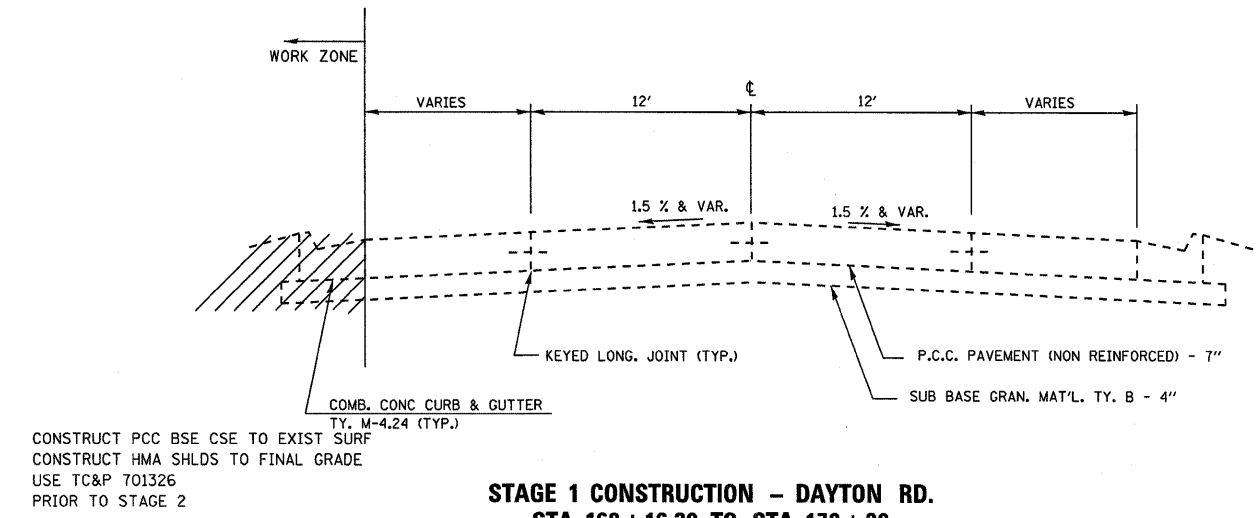
**STAGE 1 CONSTRUCTION - IL 71
STA. 136+90 TO STA. 139+37.1**



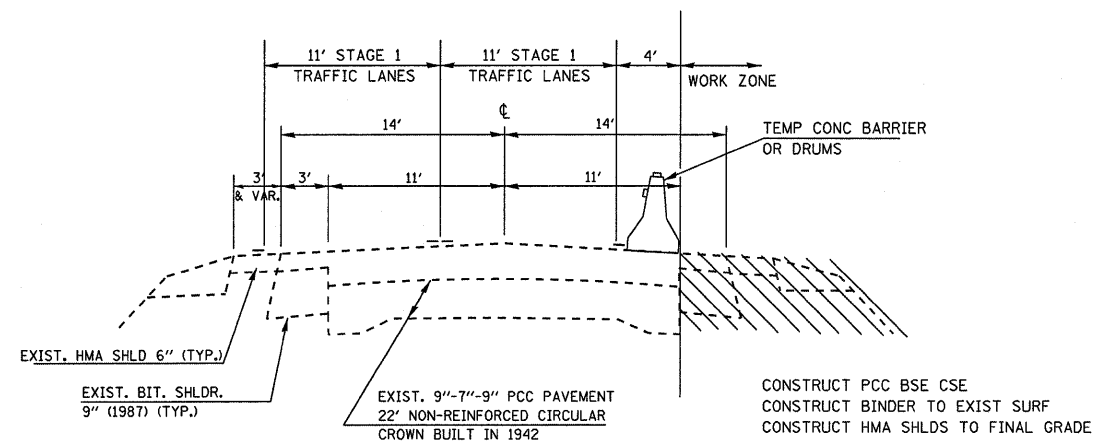
**STAGE 1 CONSTRUCTION - DAYTON RD.
STA. 166+94.50 TO STA. 169+16.30**



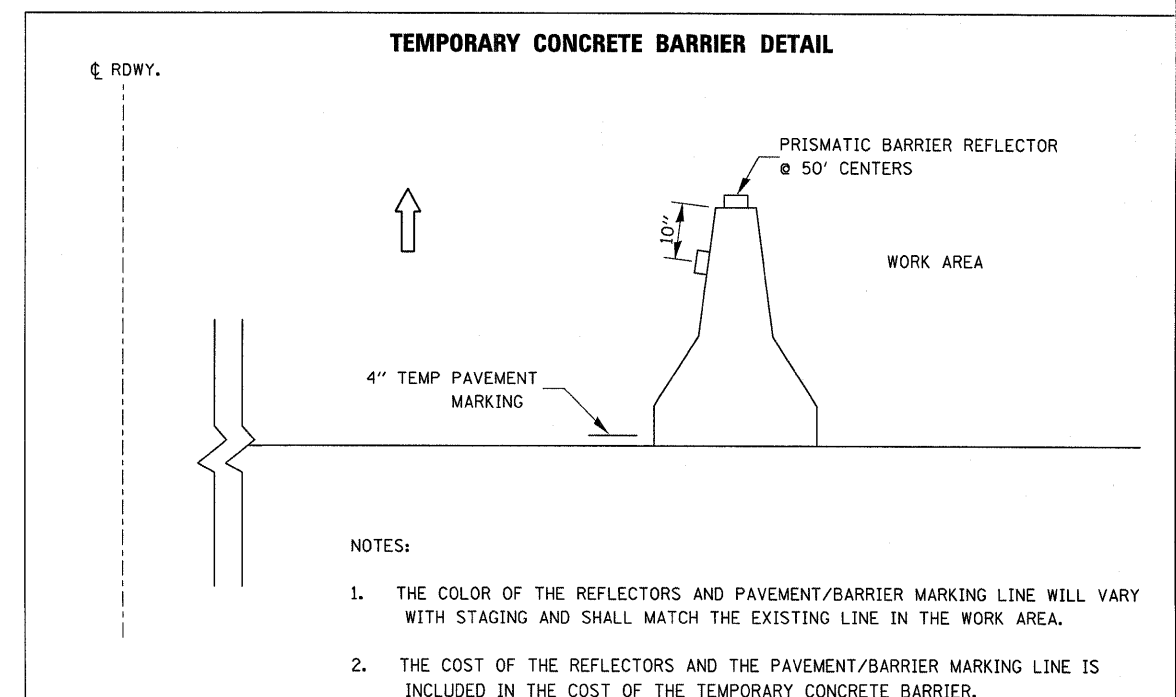
**STAGE 1 CONSTRUCTION - IL 71
STA. 139+37.1 TO STA. 143+00**



**STAGE 1 CONSTRUCTION - DAYTON RD.
STA. 169+16.30 TO STA. 170+30**

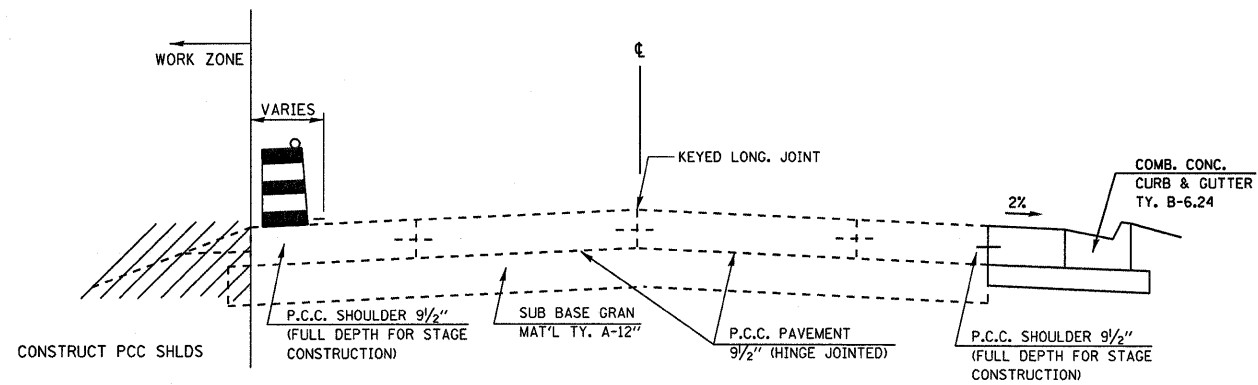


**STAGE 1 CONSTRUCTION - IL 71
STA. 143+00 TO STA. 151+97**

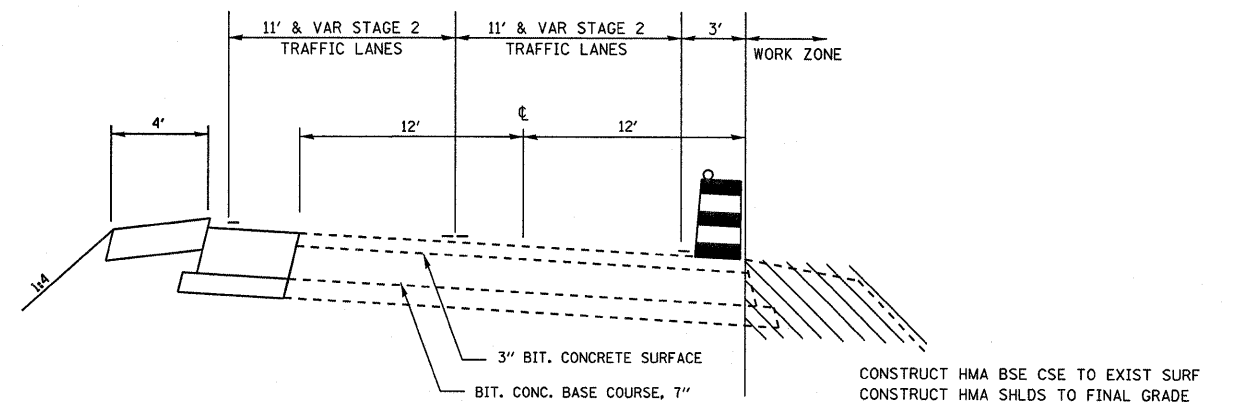


- NOTES:
1. THE COLOR OF THE REFLECTORS AND PAVEMENT/BARRIER MARKING LINE WILL VARY WITH STAGING AND SHALL MATCH THE EXISTING LINE IN THE WORK AREA.
 2. THE COST OF THE REFLECTORS AND THE PAVEMENT/BARRIER MARKING LINE IS INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.

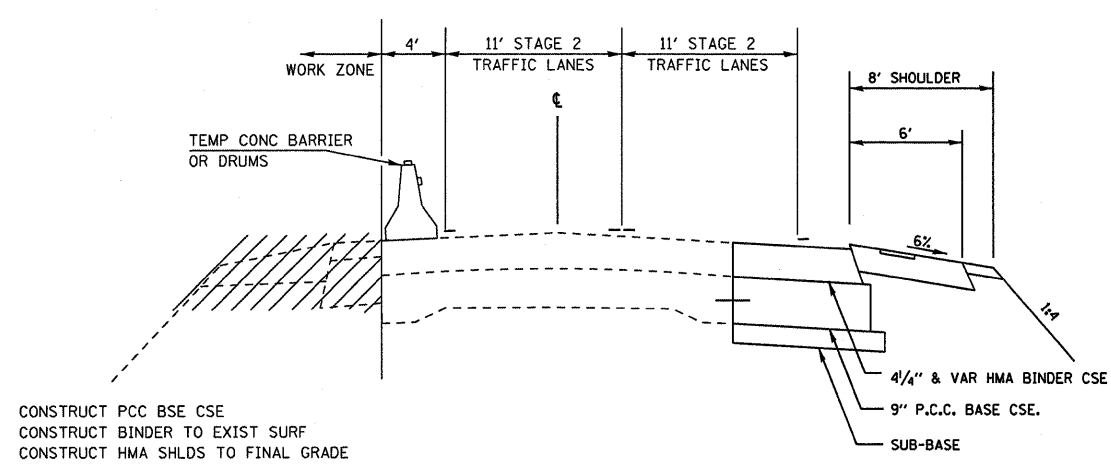
FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE I CONSTRUCTION TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\pwork\p\WIDOT\DUNCANBD\dms31838\epg\2508-sht-staging.DGN	PLOT SCALE = 50,0000' / IN.	DRAWN -	REVISED -					311	(5)N	LASALLE	39	15
PLOT DATE = Dec 08, 2009 - 11:48:28 AM	DATE -	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66857				
					ILLINOIS FED. AID PROJECT							



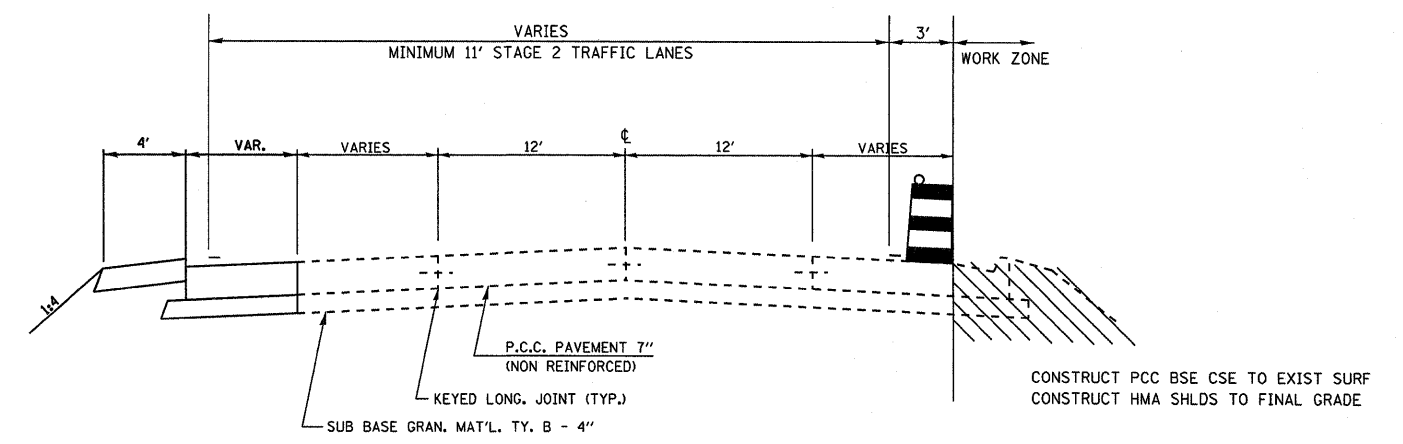
**STAGE 2 CONSTRUCTION - IL 71
STA. 136+90 TO STA. 139+37.1**



**STAGE 2 CONSTRUCTION - DAYTON RD.
STA. 166+94.50 TO STA. 169+16.30**

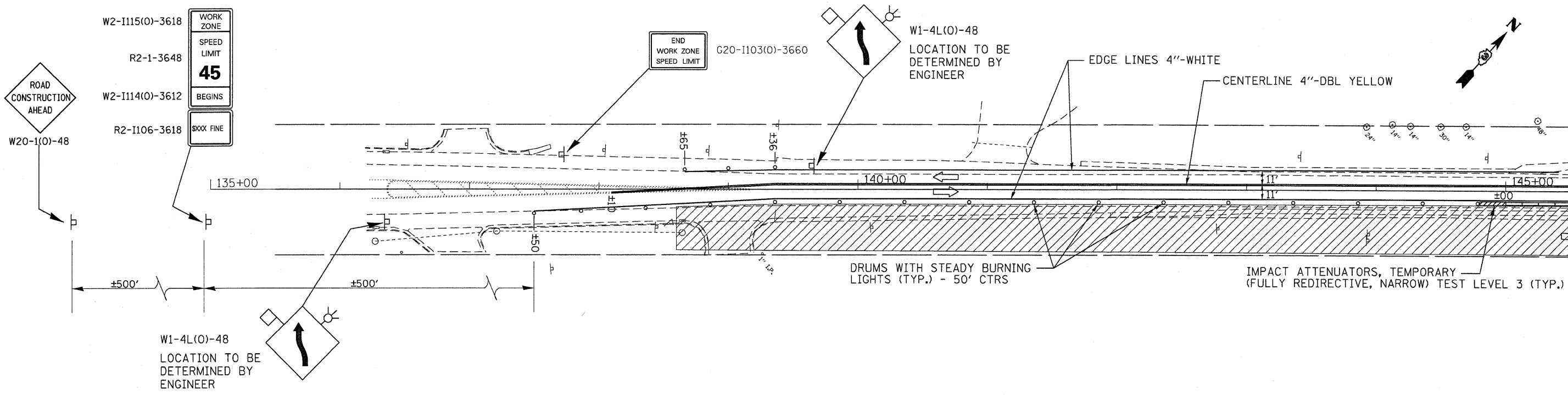


**STAGE 2 CONSTRUCTION - IL 71
STA. 139+37.1 TO STA. 151+97.00**



**STAGE 2 CONSTRUCTION - DAYTON RD.
STA. 169+16.30 TO STA. 170+30**

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 2 CONSTRUCTION TYPICALS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
es:\pw\work\PIWIDOT\DUNCANBD\dms31838\ep82508-sht-staging.DGN	PLOT SCALE = 50.0000 ' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	311	(5)N	LASALLE	39	16
PLOT DATE = Dec 08, 2009 - 11:48:15 AM	DATE -	CHECKED -	REVISED -		CONTRACT NO. 66857										
											ILLINOIS FED. AID PROJECT				

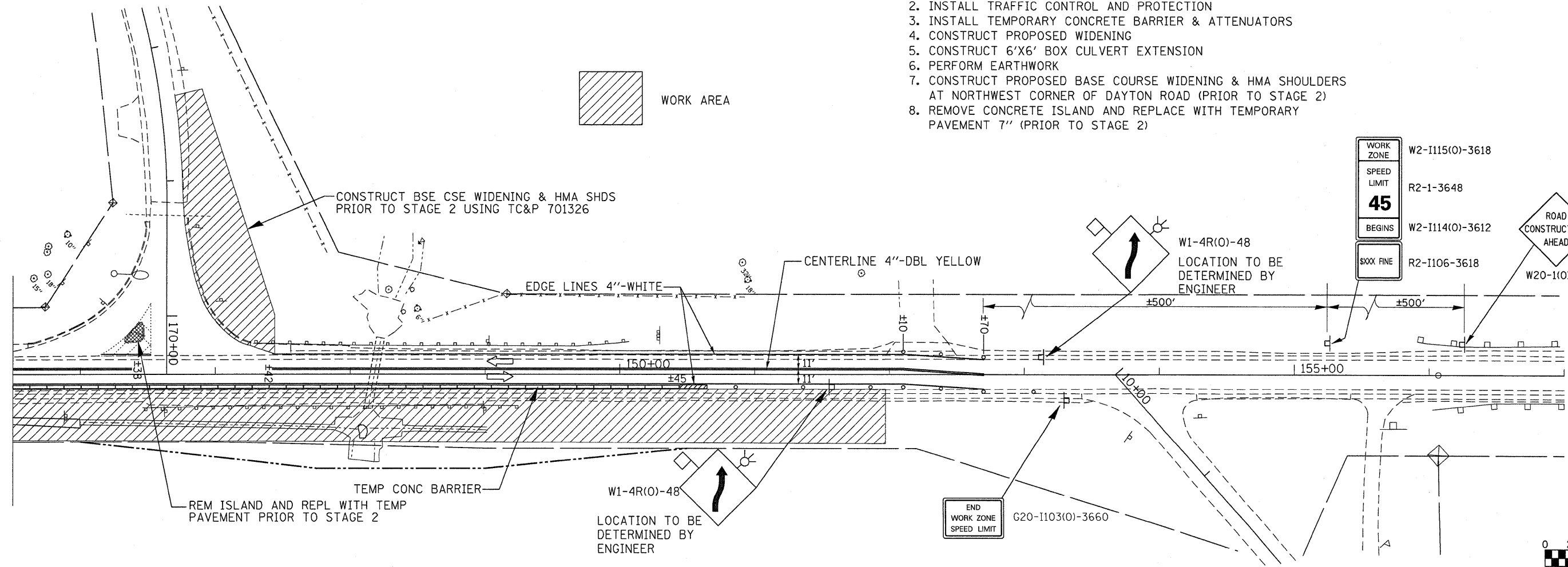
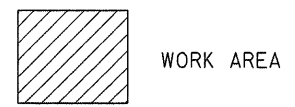


W1-4L(0)-48
LOCATION TO BE DETERMINED BY ENGINEER

W1-4L(0)-48
LOCATION TO BE DETERMINED BY ENGINEER

STAGE 1 NOTES

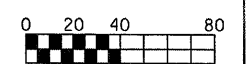
1. PERFORM TEMPORARY STRIPING & PAVEMENT MARKING REMOVAL
2. INSTALL TRAFFIC CONTROL AND PROTECTION
3. INSTALL TEMPORARY CONCRETE BARRIER & ATTENUATORS
4. CONSTRUCT PROPOSED WIDENING
5. CONSTRUCT 6'X6' BOX CULVERT EXTENSION
6. PERFORM EARTHWORK
7. CONSTRUCT PROPOSED BASE COURSE WIDENING & HMA SHOULDERS AT NORTHWEST CORNER OF DAYTON ROAD (PRIOR TO STAGE 2)
8. REMOVE CONCRETE ISLAND AND REPLACE WITH TEMPORARY PAVEMENT 7" (PRIOR TO STAGE 2)



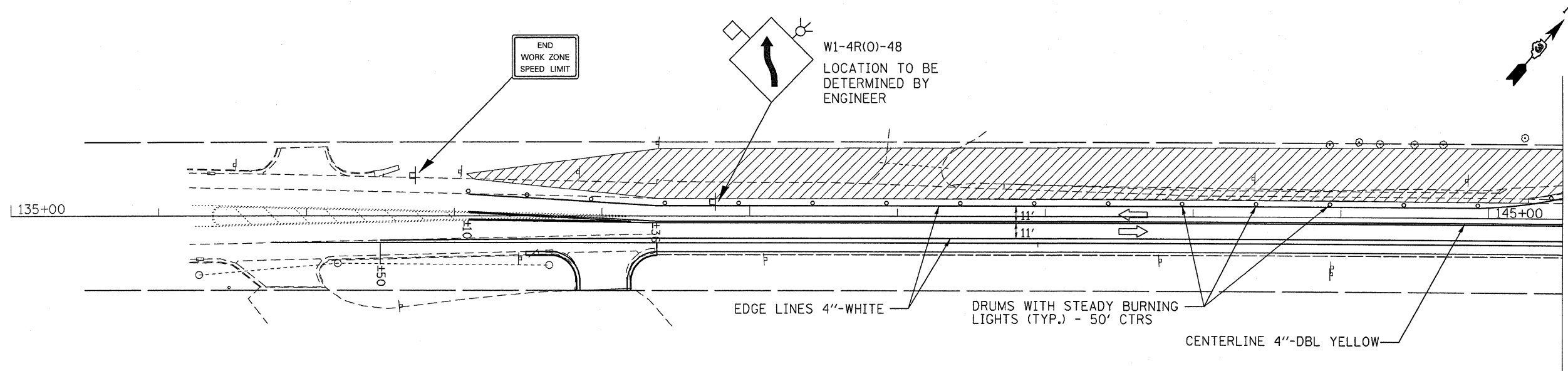
REM ISLAND AND REPL WITH TEMP PAVEMENT PRIOR TO STAGE 2

W1-4R(0)-48
LOCATION TO BE DETERMINED BY ENGINEER

W1-4R(0)-48
LOCATION TO BE DETERMINED BY ENGINEER



FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE 1 CONSTRUCTION			F.A.P. RTE. 311	SECTION (5)N	COUNTY LASALLE	TOTAL SHEETS 39	SHEET NO. 17
ci:\pw_work\PWIDOT\DUNCANBD\dms31838\ep82588-sht-staging.DGN	2588-sht-staging.DGN	DRAWN -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 66857						
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = Dec 08, 2009 - 11:48:08 AM		DATE -	REVISED -									

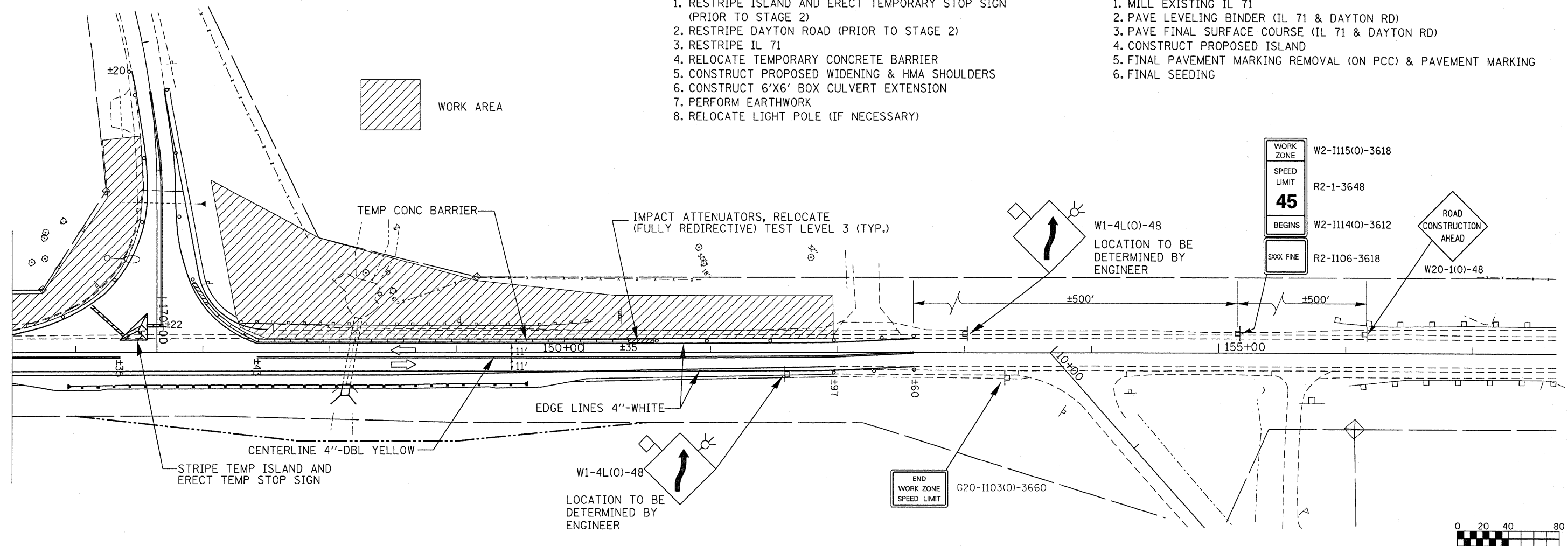


STAGE 2 NOTES

1. RESTRIPE ISLAND AND ERECT TEMPORARY STOP SIGN (PRIOR TO STAGE 2)
2. RESTRIPE DAYTON ROAD (PRIOR TO STAGE 2)
3. RESTRIPE IL 71
4. RELOCATE TEMPORARY CONCRETE BARRIER
5. CONSTRUCT PROPOSED WIDENING & HMA SHOULDERS
6. CONSTRUCT 6'X6' BOX CULVERT EXTENSION
7. PERFORM EARTHWORK
8. RELOCATE LIGHT POLE (IF NECESSARY)

STAGE 3 NOTES

1. MILL EXISTING IL 71
2. PAVE LEVELING BINDER (IL 71 & DAYTON RD)
3. PAVE FINAL SURFACE COURSE (IL 71 & DAYTON RD)
4. CONSTRUCT PROPOSED ISLAND
5. FINAL PAVEMENT MARKING REMOVAL (ON PCC) & PAVEMENT MARKING
6. FINAL SEEDING

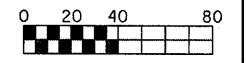


FILE NAME =	USER NAME = duncenbd	DESIGNED -	REVISED -
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PLOT DATE = Dec 08, 2009 - 11:48:02 AM		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

STAGE 2 CONSTRUCTION		STAGE 3 CONSTRUCTION	
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.P. RTE. 311	SECTION (5)N	COUNTY LASALLE	TOTAL SHEETS 39	SHEET NO. 18
CONTRACT NO. 66857				
ILLINOIS FED. AID PROJECT				





29 28

32 33

28 27

33 34

FD. IRON PIPE NW CORNER
SEC. 33-34-4
MONUMENT RECORD NO. R99-02285
N 1,718,071.62
E 860,653.31

N.E. 1/4 OF SEC. 33, T 34 N R.4.E OF THE 3RD P.M.

FD. IRON PIPE NE CORNER
SEC. 33-34-4
MONUMENT RECORD NO. R99-02285
N 1,718,064.36
E 865,943.59

EXIST. CURVE DAYTONC-1
PI STA. = 167+90.00
Δ = 25° 42' 00" (RT)
D = 10° 00' 00"
R = 572.96'
T = 130.70'
L = 257.00'
E = 14.72'
θ = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 166+59.30
P.T. STA. = 169+16.30

This Parcel Deleted

PARCEL 3VF0002

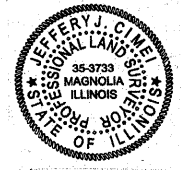
TIMOTHY B. CARVER
TOTAL HOLDING = 4.176 ACRES±
TOTAL R.O.W. REQUIRED = 0.024 ACRE±
(1042 SQ FT±)
REMAINDER = 4.152 ACRES±

PARCEL 3VF0001

CREEDON FARMS LAND TRUST #1

TOTAL HOLDING = 133.590 ACRES±
TOTAL R.O.W. REQUIRED = 0.112 ACRE±
REMAINDER = 133.478 ACRES±

I JEFFERY J. CIMEI, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF PROPOSED F.A.P. 311 (IL 71) WAS MADE BY ME OR UNDER MY DIRECTION, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



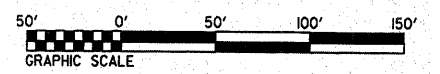
DATE: Feb. 9, 2009

Jeffery J. Cimei
ILLINOIS PROFESSIONAL LAND SURVEYOR
NO. 35-3733

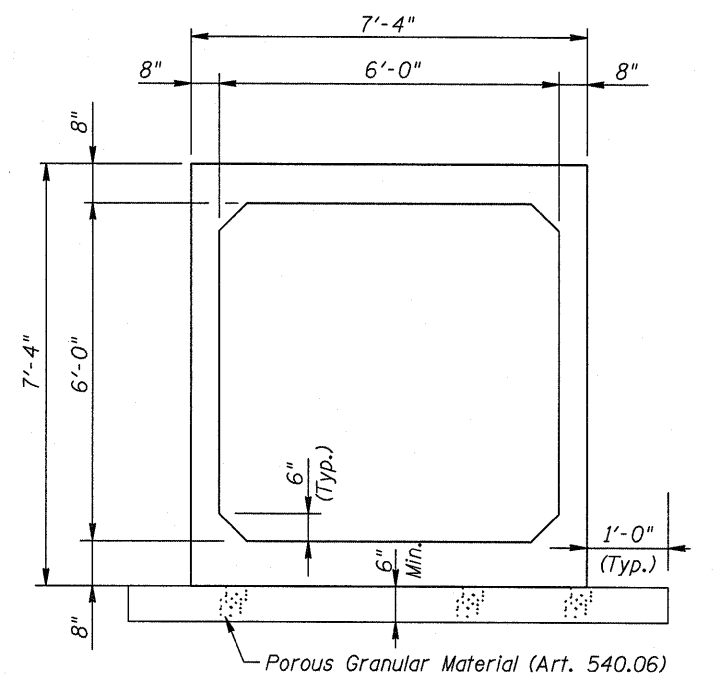
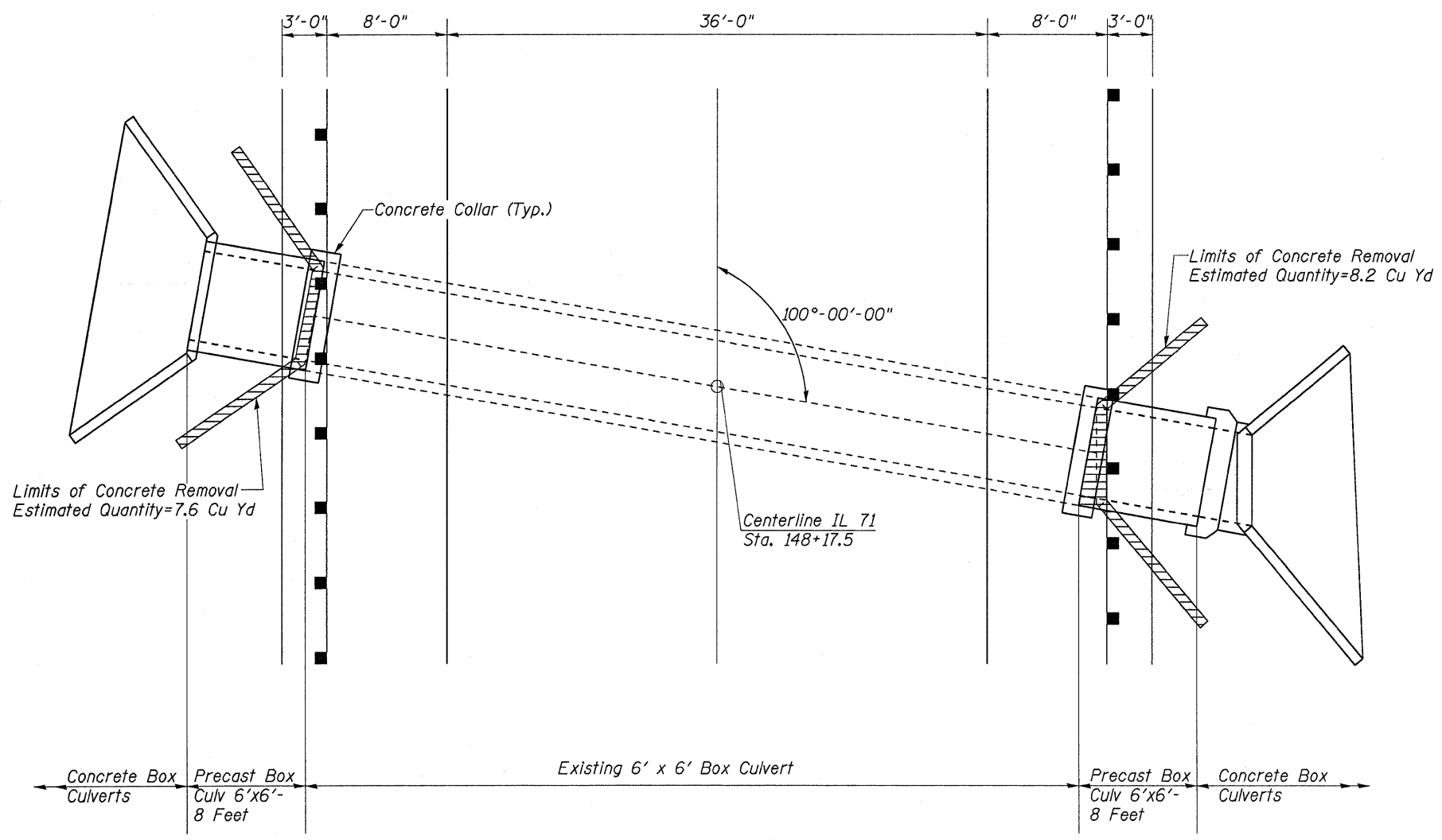
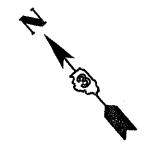
SURVEY BOOK NO. F.A.P. 311-12-1

11-30-2010
EXPIRATION DATE

NOTE: ALL BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (N.A.D. 83) (2007 ADJ.)



FILE NAME	USER NAME = cimej1j	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLANS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
01\pwork\PMIDOT\CIMEIJJ\dms31845\EP022008-shr-rwp\plan.dgn		DRAWN - JJC	REVISED -		SCALE: 1" = 50'	PROJECT	JOB NO. R-93-001-09	311	(5)N	LASALLE	39	19
		CHECKED -	REVISED -		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
		DATE - 12-12-2008	REVISED -		CONTRACT NO. 66857							

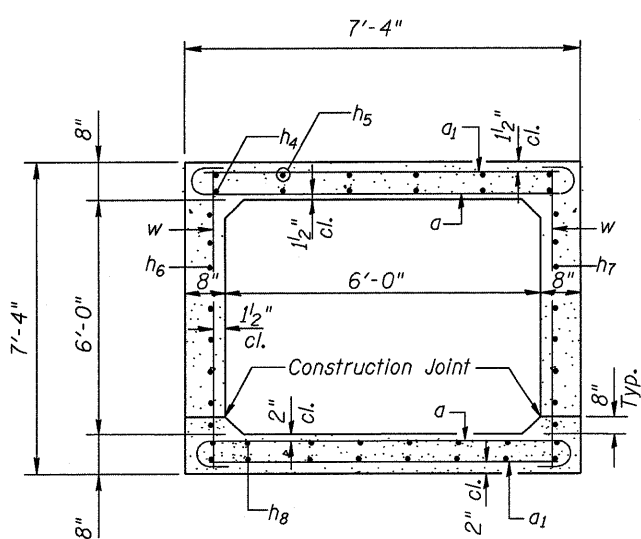
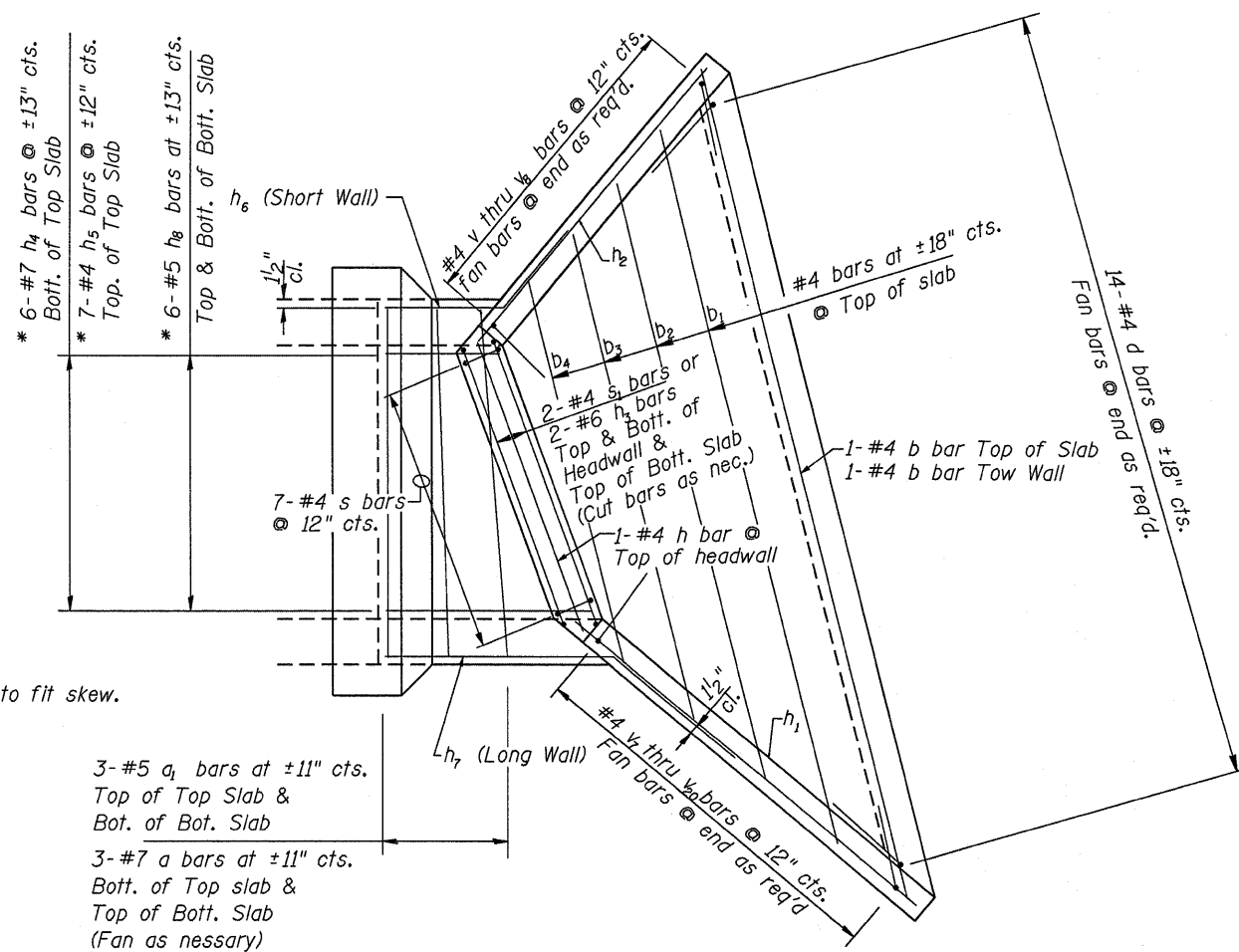
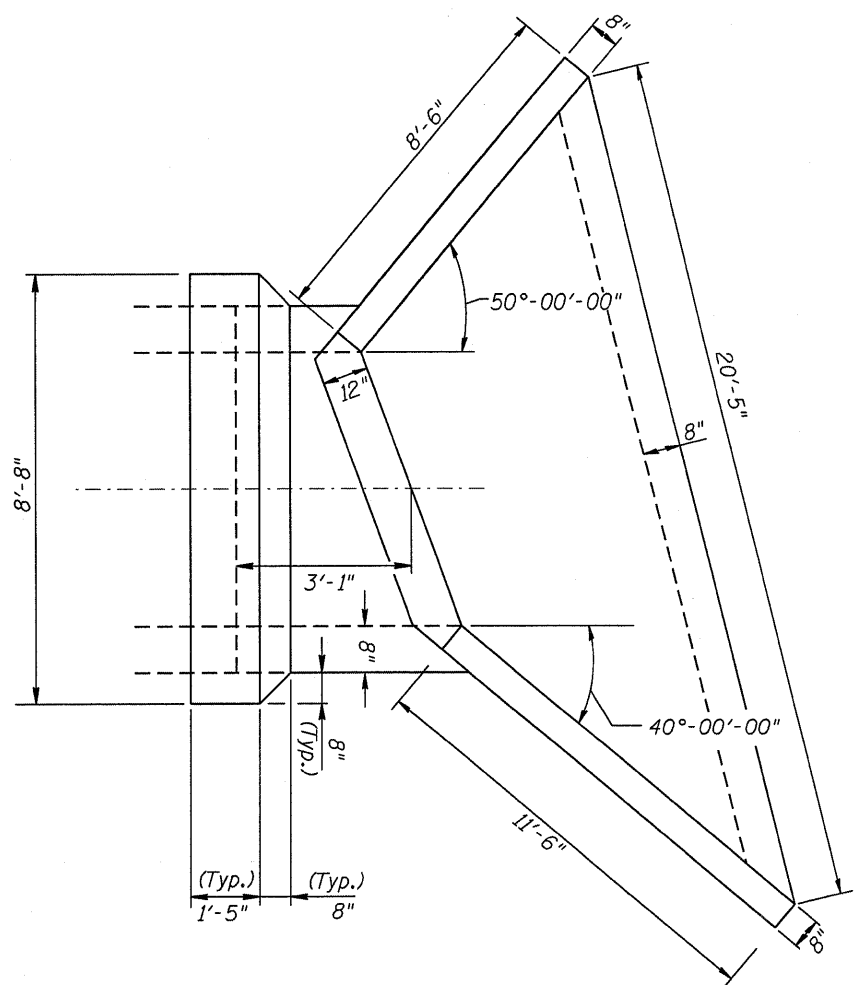


24" Undercut w/ Rock Fill May be Required
Contact District Geotechnical Engineer to Determine Undercut

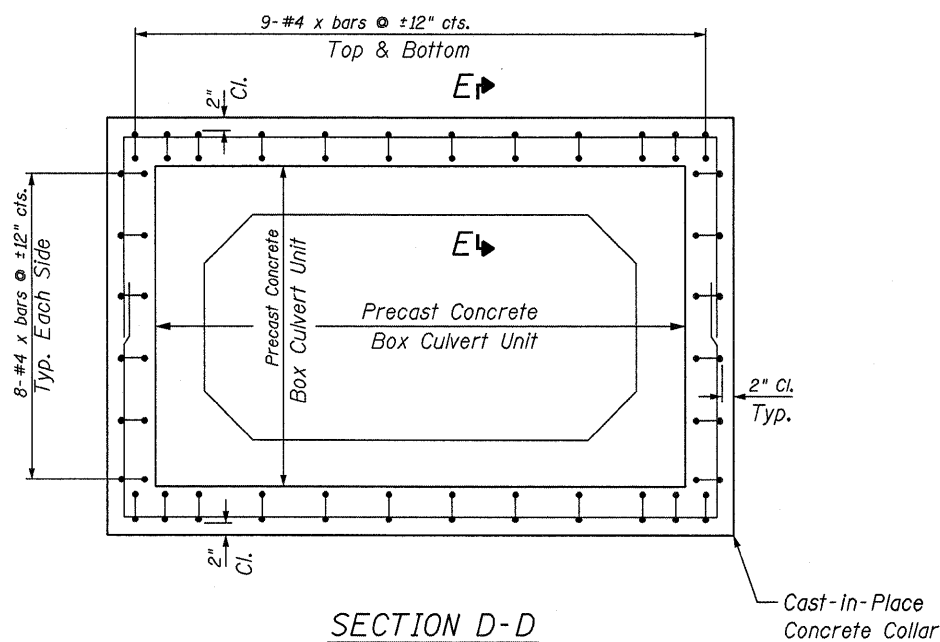
TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Reinforcement Bars	Pound	1210
Reinforcement Bars Epoxy Coated	Pound	280
Concrete Box Culverts	Cu. Yd.	16.7
Concrete Collar	Cu. Yd.	3.2
Concrete Removal	Cu. Yd.	15.8
Precast Concrete Box Culvert 6' X 6'	Foot	16

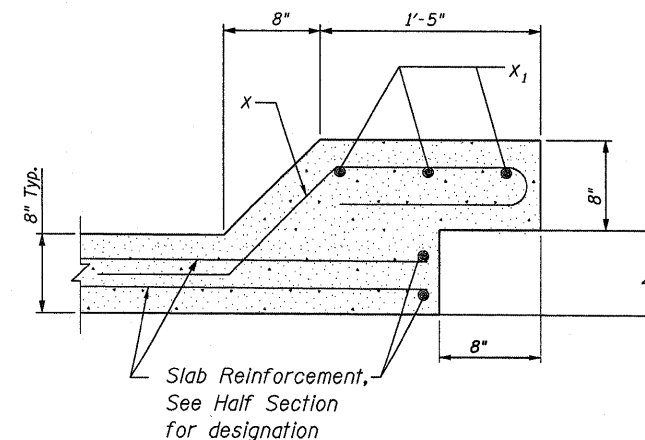
SN 050-2259
STA. 148+17.5
FAP ROUTE 311 (IL. ROUTE 71)
LASALLE COUNTY



SECTION THRU BARREL
(Cast in Place)



SECTION D-D



SECTION E-E
Top Slab shown, mirror horizontally
for Bottom Slab, Side slabs Sim.

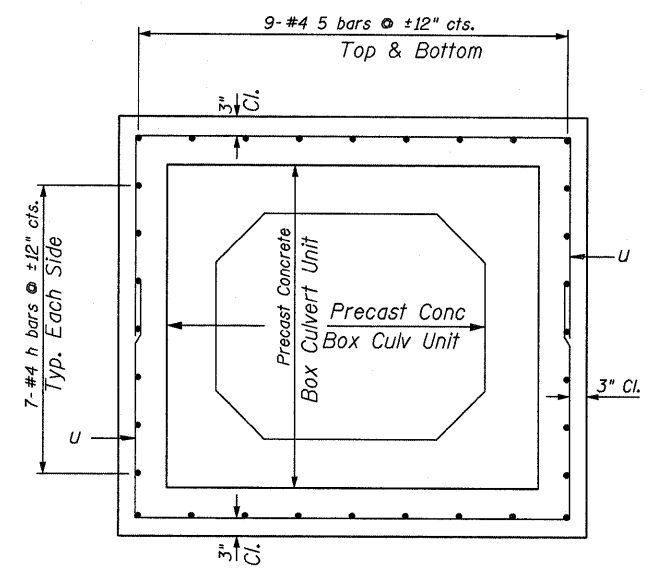
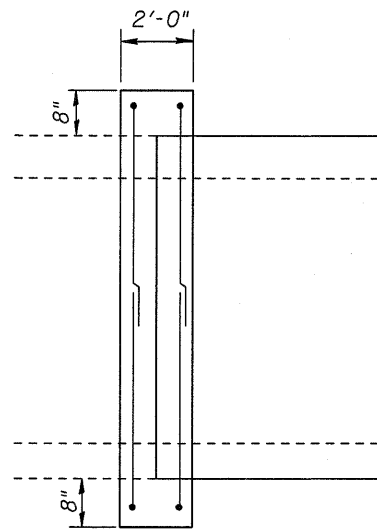
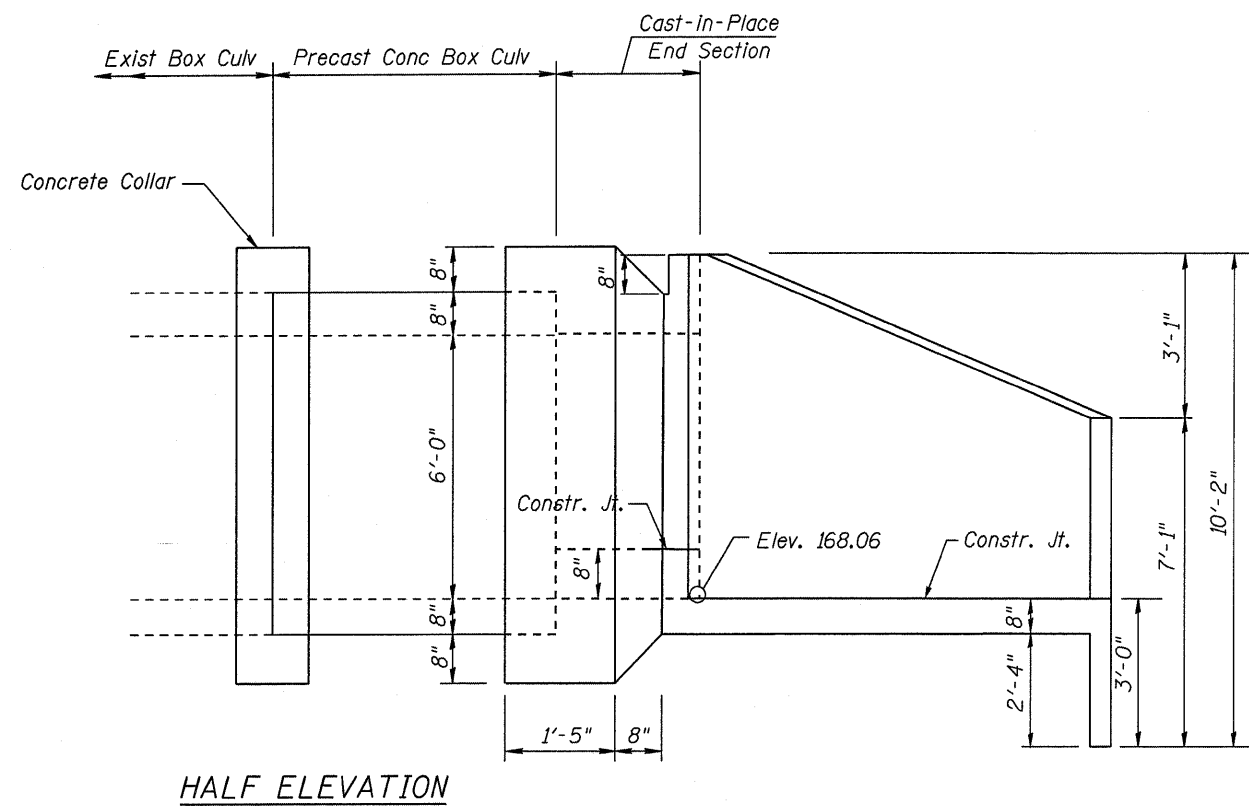
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ca:\pwwork\PIWIDOT\DUNCANBD\dms31838\top	2508-shd-deta1.s.DGN	DRAWN -	REVISED -
	PLOT SCALE = 58.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Dec 08, 2009 - 11:35:15 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

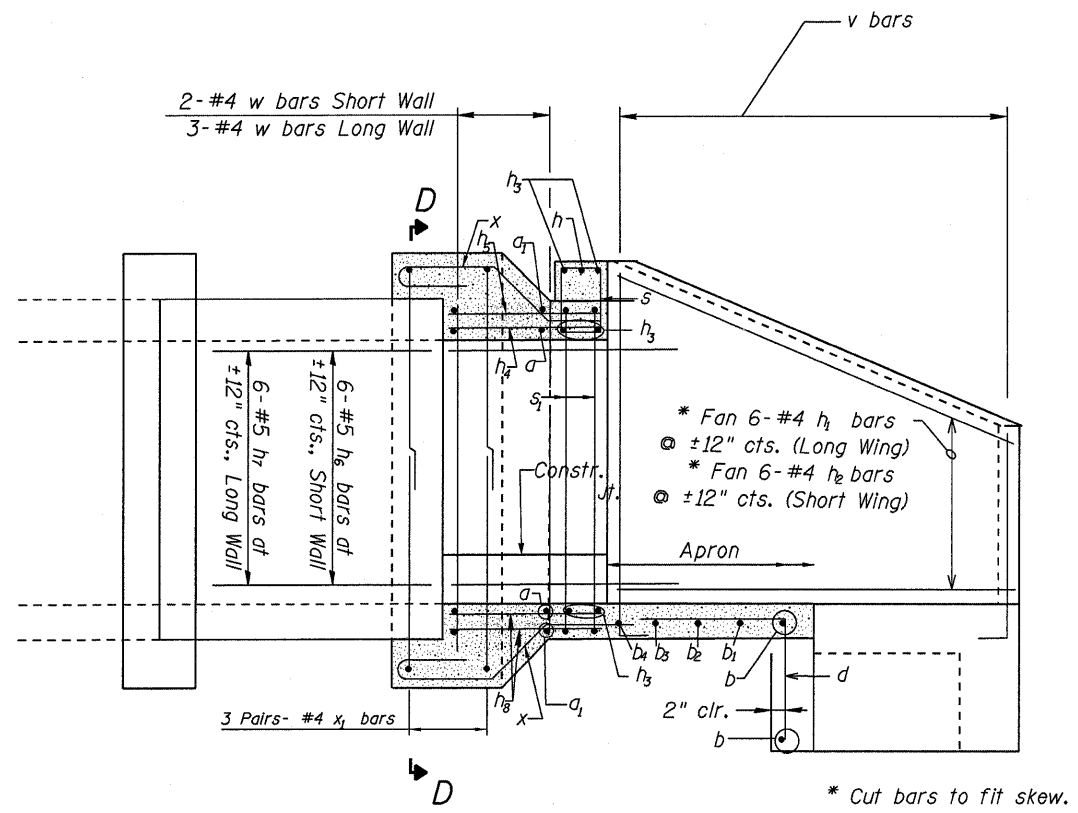
SN 050-2559
CULVERT EXTENSION (RIGHTSIDE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(SIN)	LASALLE	39	21
CONTRACT NO. 66857				
ILLINOIS FED. AID PROJECT				

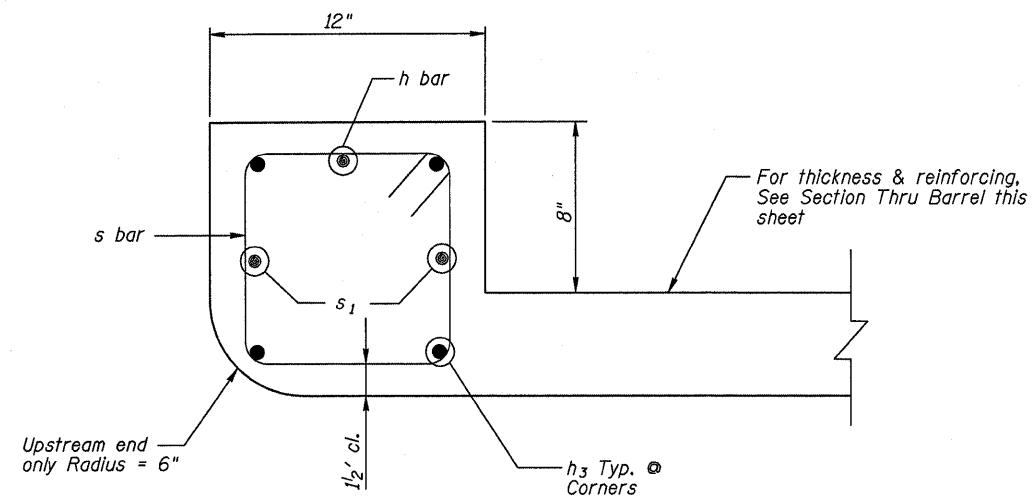


BILL OF MATERIAL				
BAR	SIZE	NO.	LENGTH	SHAPE
h	#4	32	1'-6"	—
u	#4	4	17'-8"	—
CONCRETE COLLARS			C.Y.	7.0
REINFORCEMENT BARS			LBS.	230

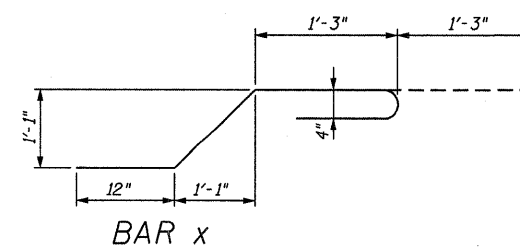
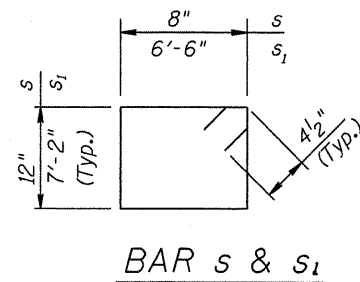
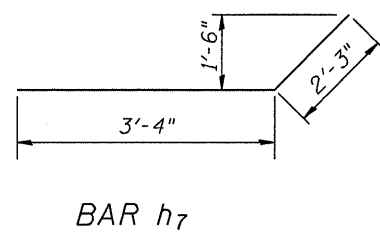
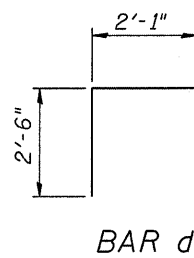
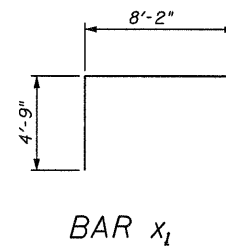
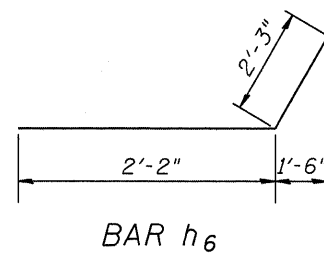
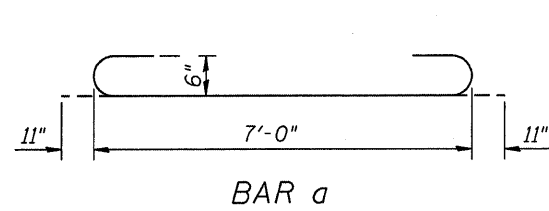
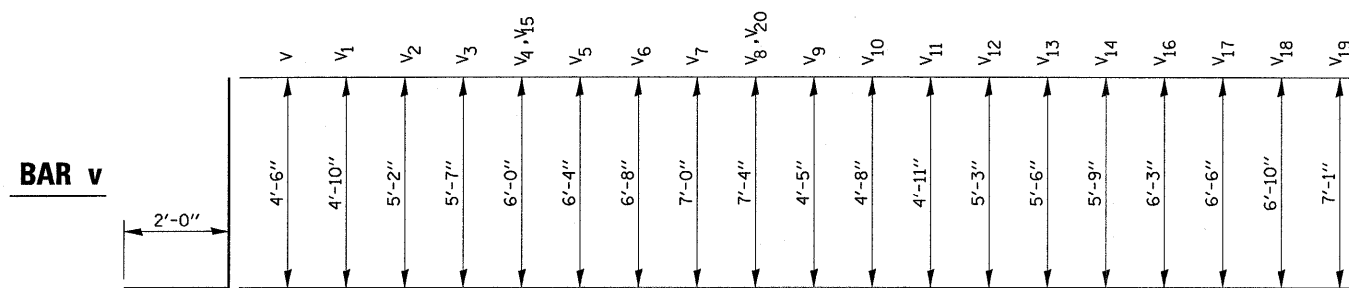


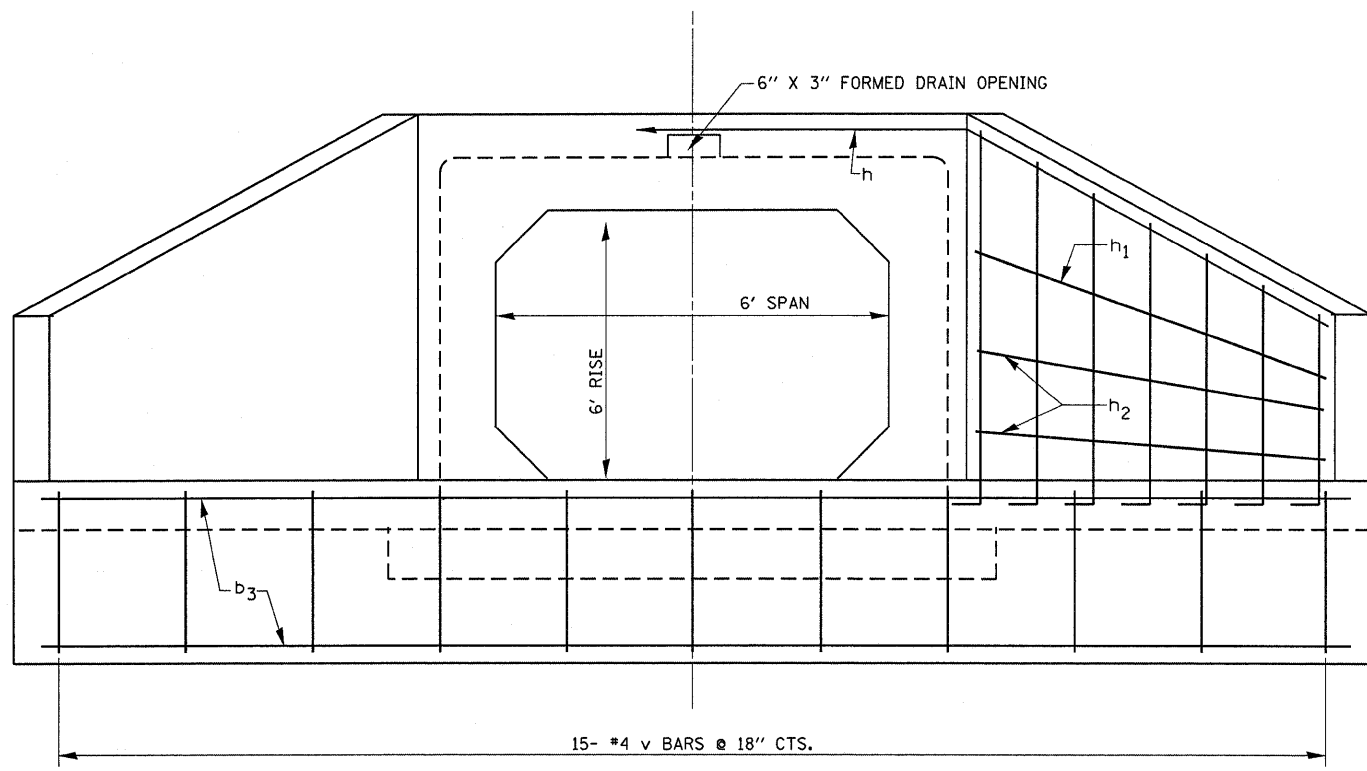
SCHEDULE

Bar	No.	Size	Length	Shape
a	6	#7	8'-10"	
a ₁	6	#5	7'-0"	—
b	2	#4	21'-0"	—
b ₁	1	#4	17'-8"	—
b ₂	1	#4	14'-4"	—
b ₃	1	#4	11'-6"	—
b ₄	1	#4	8'-3"	—
d	14	#4	4'-7"	
h	1	#4	6'-6"	—
h ₁	6	#4	11'-6"	—
h ₂	6	#4	8'-8"	—
h ₃	6	#6	6'-6"	—
h ₄	6	#7	3'-3"	—
h ₅	7	#4	3'-3"	—
h ₆	6	#5	4'-5"	
h ₇	6	#5	5'-7"	
h ₈	6	#5	3'-3"	—
s	7	#4	4'-1"	
s ₁	2	#4	28'-1"	
v (E)	1	#4	6'-6"	
v ₁ (E)	1	#4	6'-10"	
v ₂ (E)	1	#4	7'-2"	
v ₃ (E)	1	#4	7'-7"	
v ₄ (E)	1	#4	8'-0"	
v ₅ (E)	1	#4	8'-4"	
v ₆ (E)	1	#4	8'-8"	
v ₇ (E)	1	#4	9'-0"	
v ₈ (E)	1	#4	9'-4"	
v ₉ (E)	1	#4	6'-5"	
v ₁₀ (E)	1	#4	6'-8"	
v ₁₁ (E)	1	#4	6'-11"	
v ₁₂ (E)	1	#4	7'-3"	
v ₁₃ (E)	1	#4	7'-6"	
v ₁₄ (E)	1	#4	7'-9"	
v ₁₅ (E)	1	#4	8'-0"	
v ₁₆ (E)	1	#4	8'-3"	
v ₁₇ (E)	1	#4	8'-6"	
v ₁₈ (E)	1	#4	8'-10"	
v ₁₉ (E)	1	#4	9'-1"	
v ₂₀ (E)	1	#4	9'-4"	
w	5	#4	9'-1"	—
x	34	#4	5'-4"	
x ₁	6	#4	17'-8"	
Concrete Box Culverts		C.Y.	9.7	
Reinforcement Bars		Lbs.	820	
Rein Bars (Epoxy Ctd)		Lbs.	110	

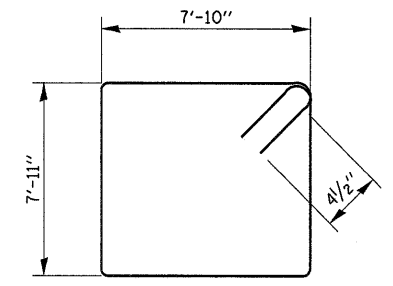


SECTION THRU HEADWALL

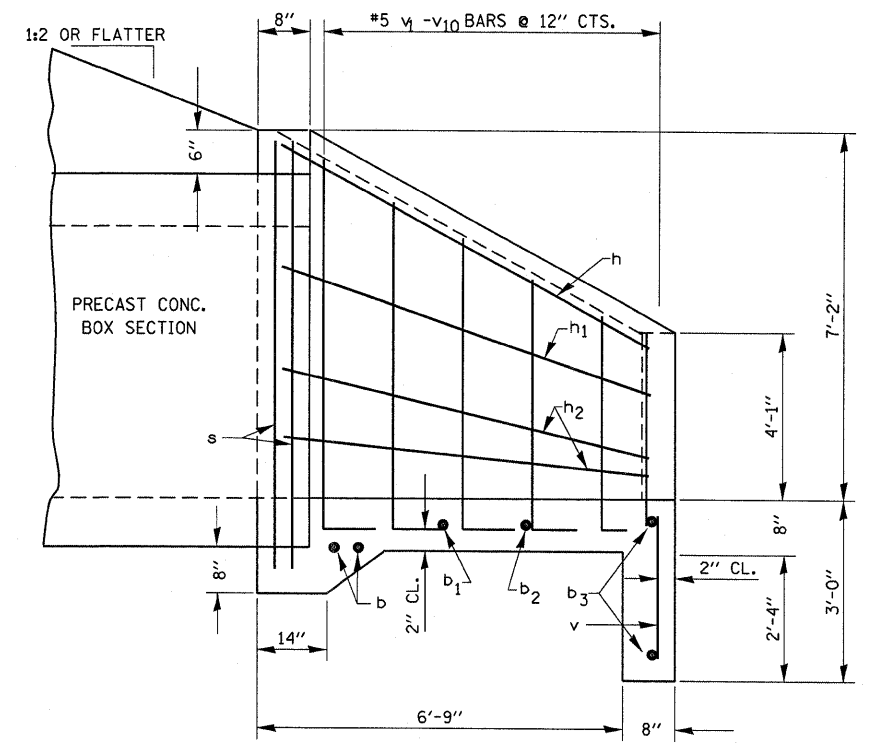




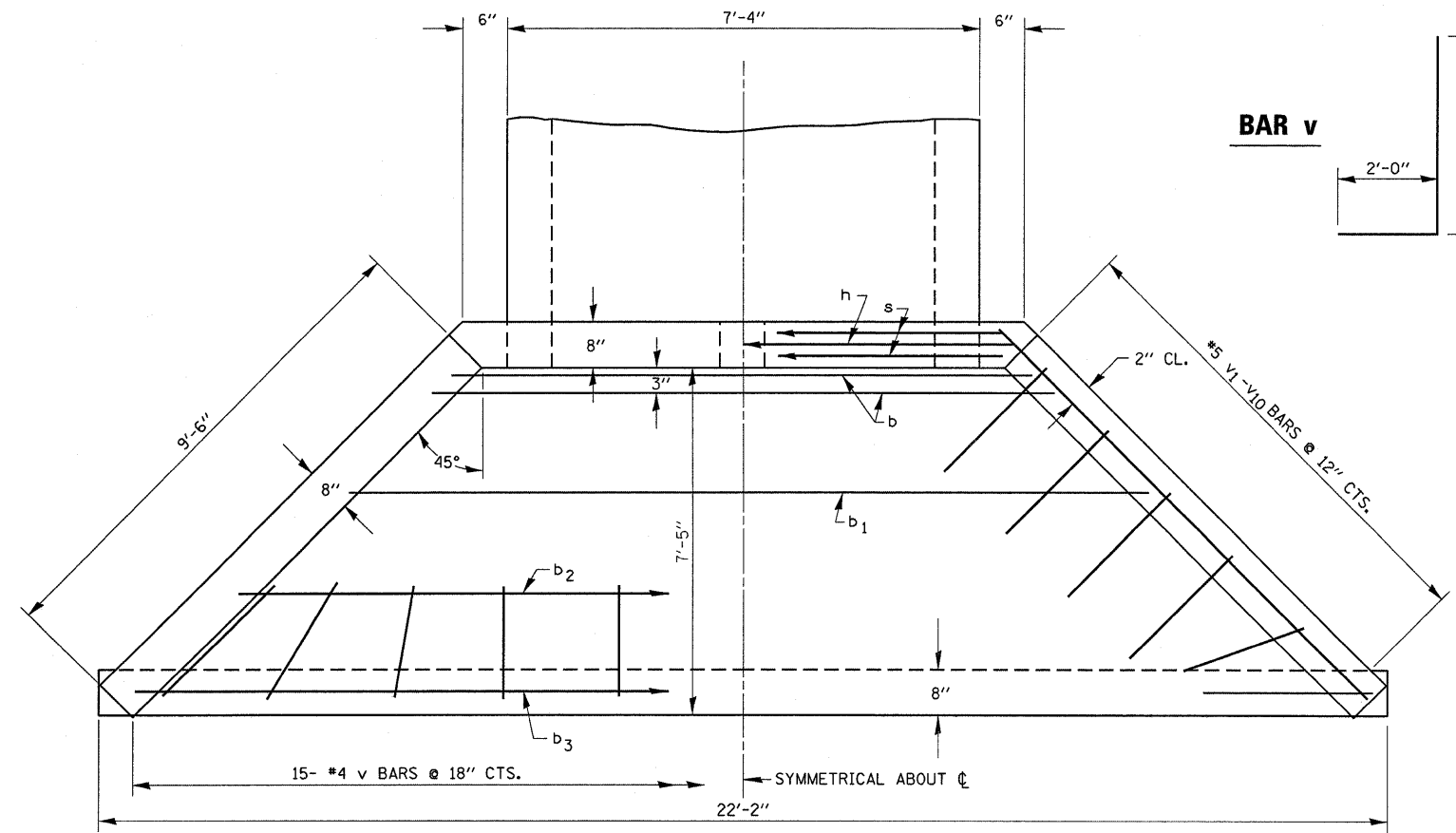
END ELEVATION



BAR s

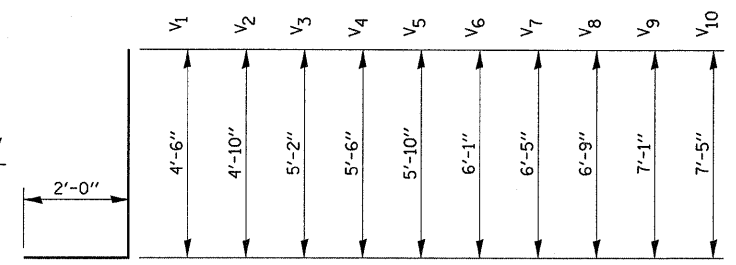


HALF SIDE ELEVATION

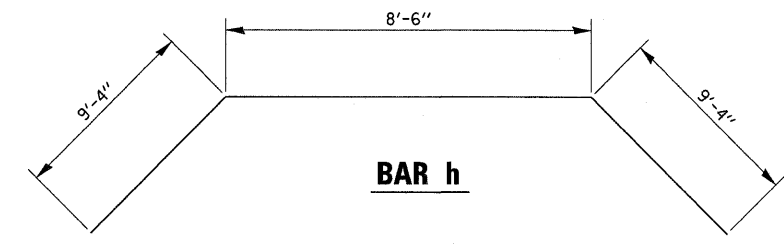
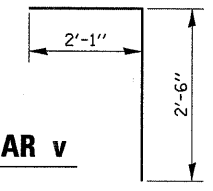


PLAN

BAR v



BAR v



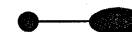

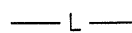

BAR h

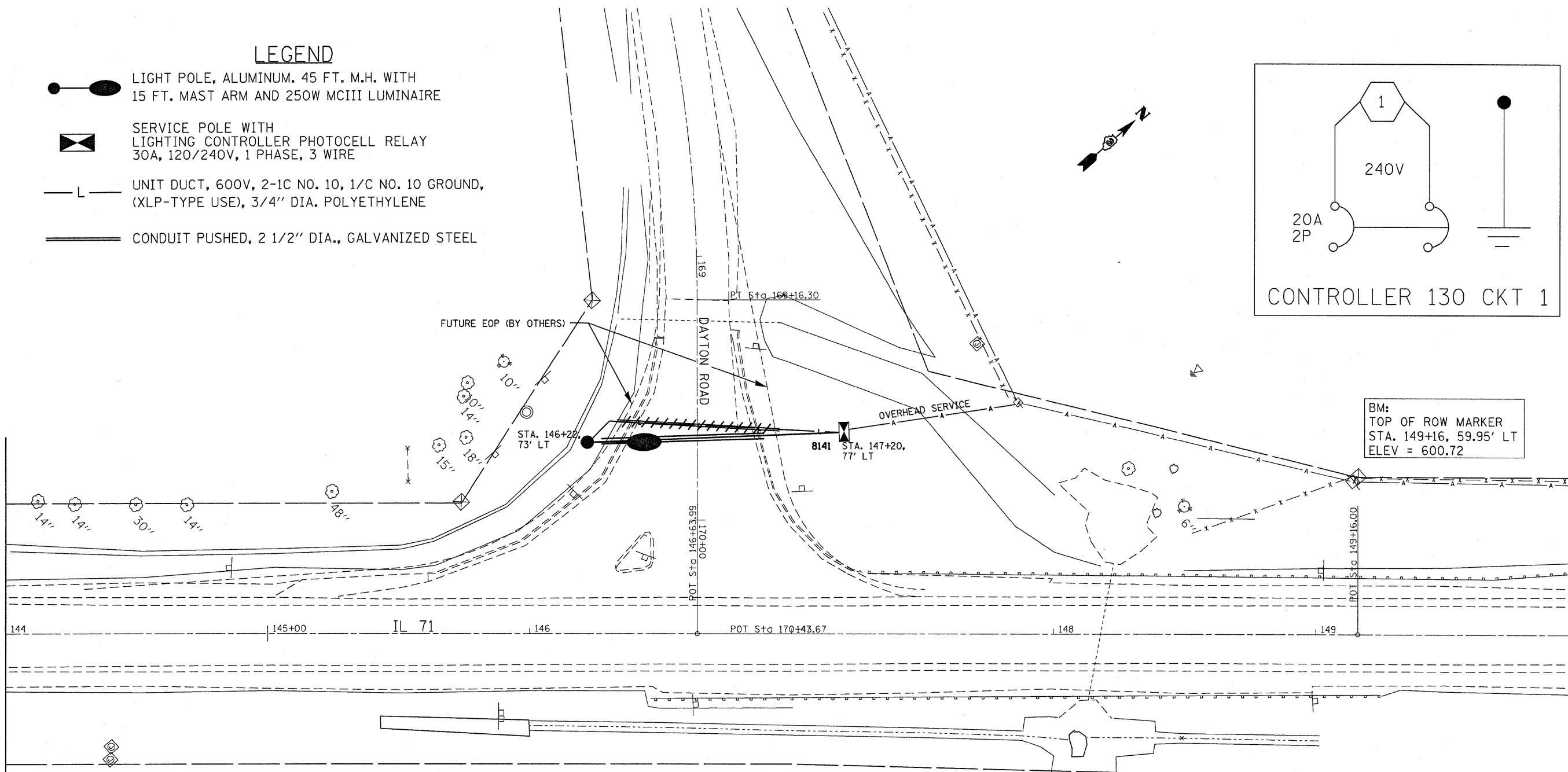
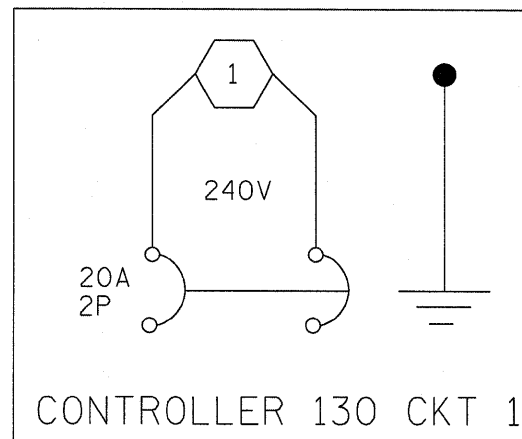
GENERAL NOTES

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
 EXPOSED EDGES SHALL BE BEVELED 3/4".
 REINFORCEMENT BARS SHALL CONFORM TO THE
 REQUIREMENTS OF AASHTO M-31, M-42, OR M-53, GRADE 60.

BILL OF MATERIAL				
BAR	SIZE	NO.	LENGTH	SHAPE
b	5	2	9'-4"	—
b1	4	1	13'-6"	—
b2	4	1	17'-6"	—
b3	4	2	21'-4"	—
h	5	1	27'-2"	—
h1	4	2	10'-0"	—
h2	4	4	9'-9"	—
s	4	2	32'-3"	—
v	4	15	4'-7"	—
V1(E)	5	2	6'-6"	—
V2(E)	5	2	6'-10"	—
V3(E)	5	2	7'-2"	—
V4(E)	5	2	7'-6"	—
V5(E)	5	2	7'-10"	—
V6(E)	5	2	8'-1"	—
V7(E)	5	2	8'-5"	—
V8(E)	5	2	8'-9"	—
V9(E)	5	2	9'-1"	—
V10(E)	5	2	9'-5"	—
CONCRETE BOX CULVERTS			C.Y.	7.0
REINFORCEMENT BARS			LBS.	230
REIN. BARS (EPOXY CTD.)			LBS.	170

LEGEND

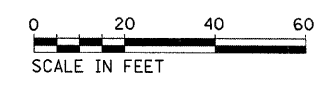
-  LIGHT POLE, ALUMINUM. 45 FT. M.H. WITH 15 FT. MAST ARM AND 250W MCIII LUMINAIRE
-  SERVICE POLE WITH LIGHTING CONTROLLER PHOTOCELL RELAY 30A, 120/240V, 1 PHASE, 3 WIRE
-  UNIT DUCT, 600V, 2-1C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
-  CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL



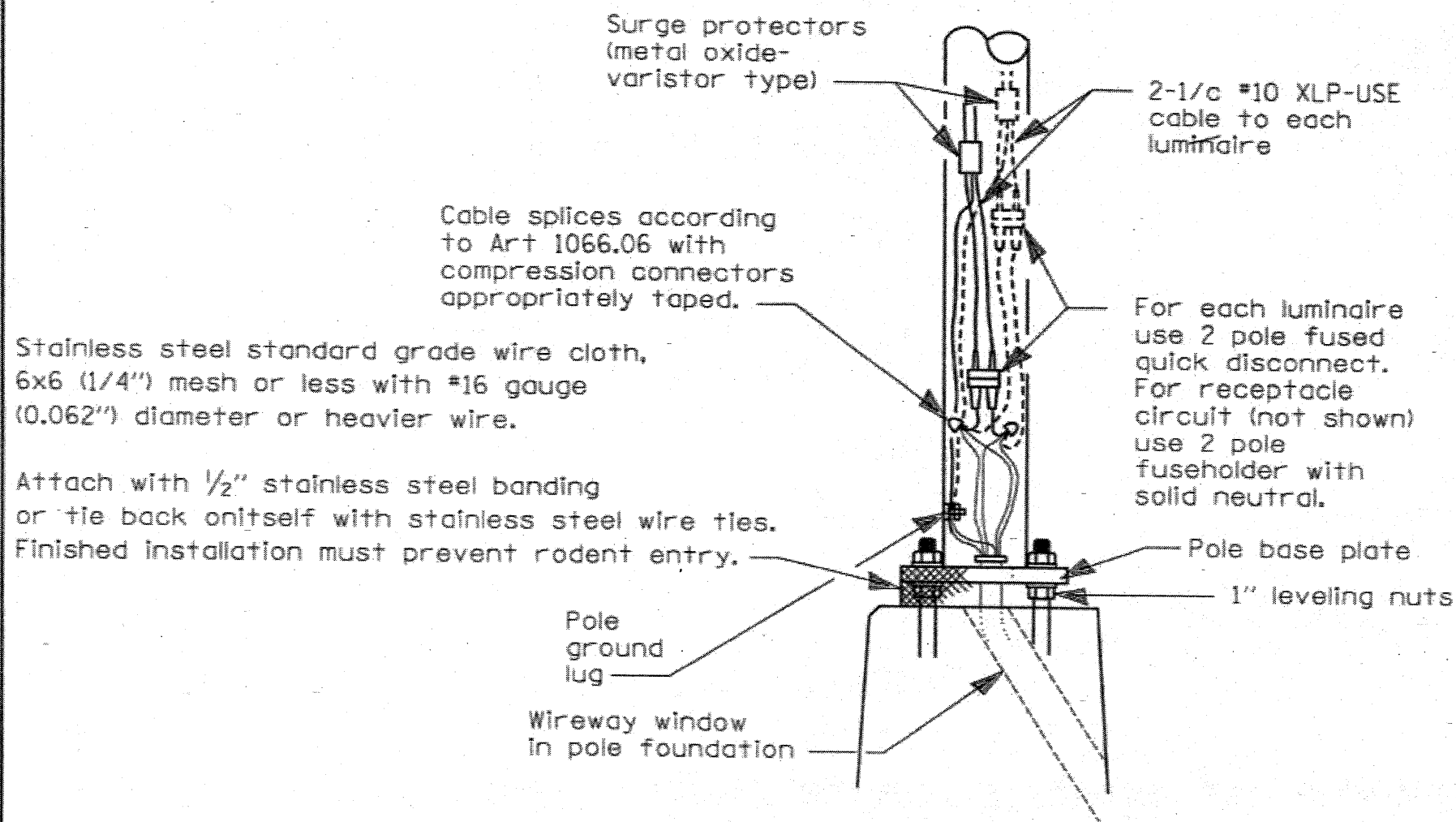
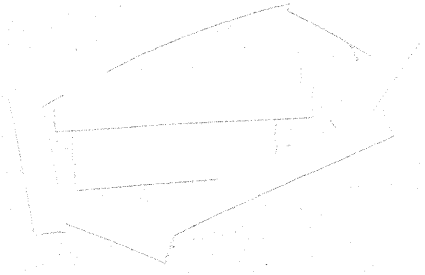
BILL OF MATERIALS

DAYTON ROAD		QUANTITY
ELECTRIC SERVICE INSTALLATION	EACH	1
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	62-65'
UNIT DUCT, 600V, 2-1C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	115-110'
TRENCH & BACKFILL FOR ELECTRICAL WORK	FOOT	25.2'-4' 8141
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT 250 WATT	EACH	1
LIGHTING CONTROLLER PHOTOCELL RELAY	EACH	1
LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	EACH	1
LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	1
BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	4

FOR INFORMATION ONLY



MATCH LINE STA. 150+00



Stainless steel standard grade wire cloth, 6x6 (1/4") mesh or less with #16 gauge (0.062") diameter or heavier wire.

Attach with 1/2" stainless steel banding or tie back on itself with stainless steel wire ties. Finished installation must prevent rodent entry.

WIRING DETAIL

NO SCALE

GENERAL NOTES

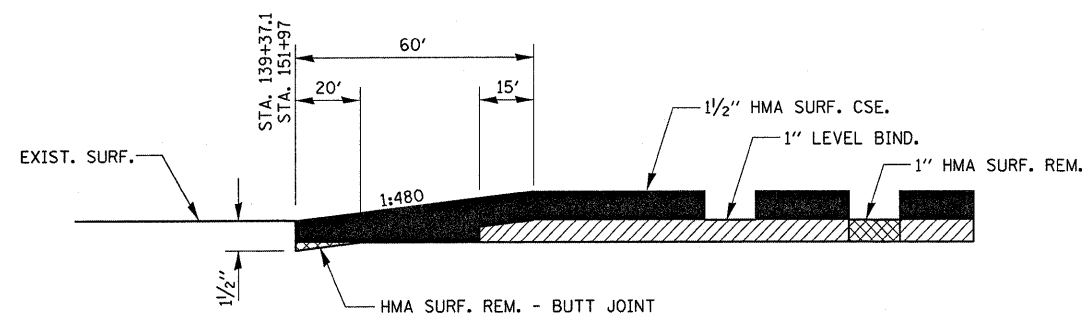
All taped splices shall use 2 layers of electrical tape over 3 layers of rubber tape as required by the Standard Specifications. Coat the finished taped splice with bonding compound.

All cable splices shall be taped unless another method has been specifically approved by the Engineer.

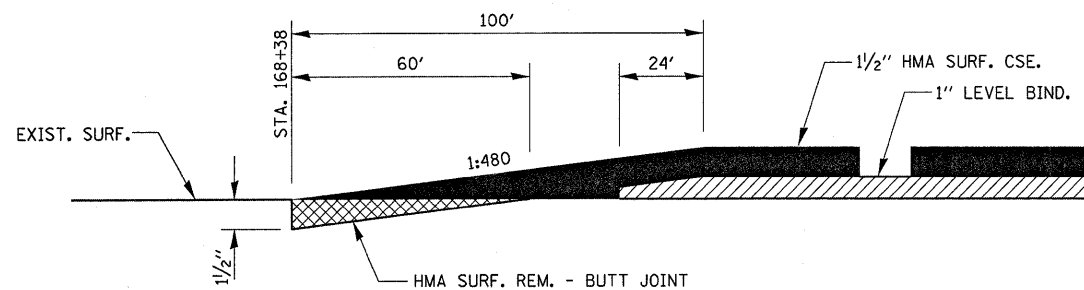
For example purposes the pole is shown on an anchor base. If the pole is required to be set on a breakaway base, consult the Standard Specifications.

All dimensions are in millimeters (Inches) unless otherwise shown.

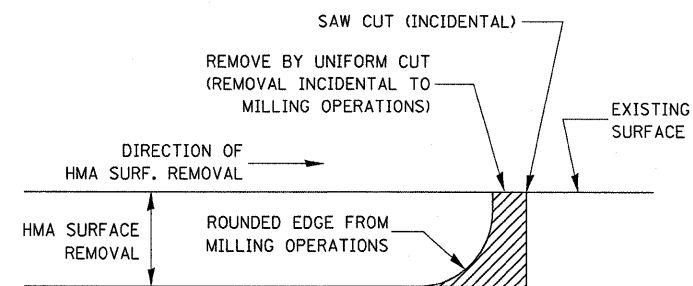
DATE	REVISIONS	POLE HANDHOLE WIRING			
7/31/08	Updated	F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS
		311	(5)N	LASALLE	39
					26A
		CONTRACT NO. 66857			



IL 71



DAYTON ROAD

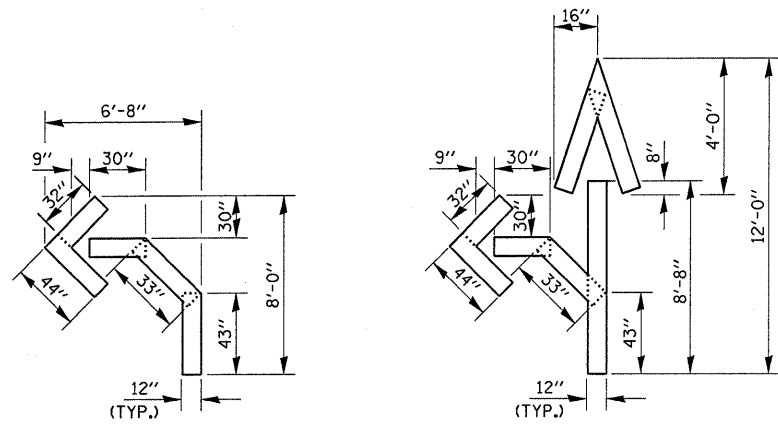


NOTE:

WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

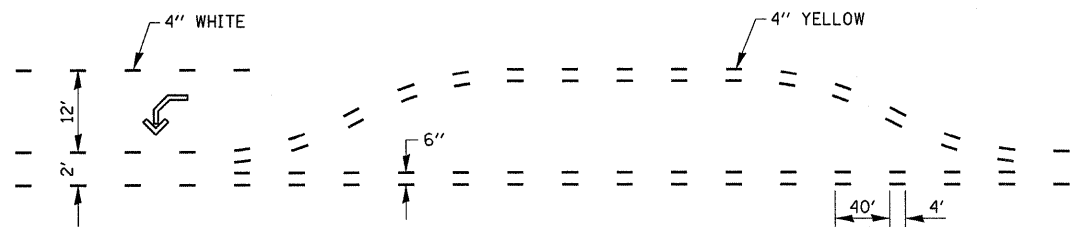
HMA DETAIL AT BUTT JOINTS

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ce:\pw\work\PIWIDOT\DUNCANBD\dms31838\ep82508-sht-detail.dgn		DRAWN -	REVISED -		311	(5)N	LASALLE	39	27				
PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 66857								
PLOT DATE = Dec 08, 2009 - 11:21:33 AM		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.				

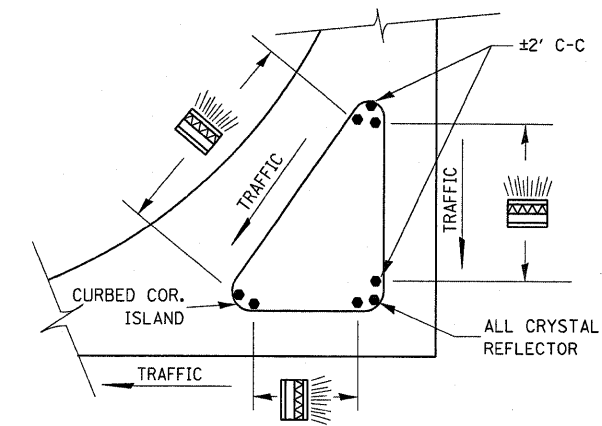


QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.

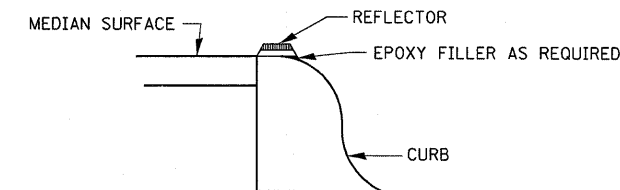
QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.



**SHORT-TERM PAVEMENT MARKING
FOR MEDIANS AND ARROWS**



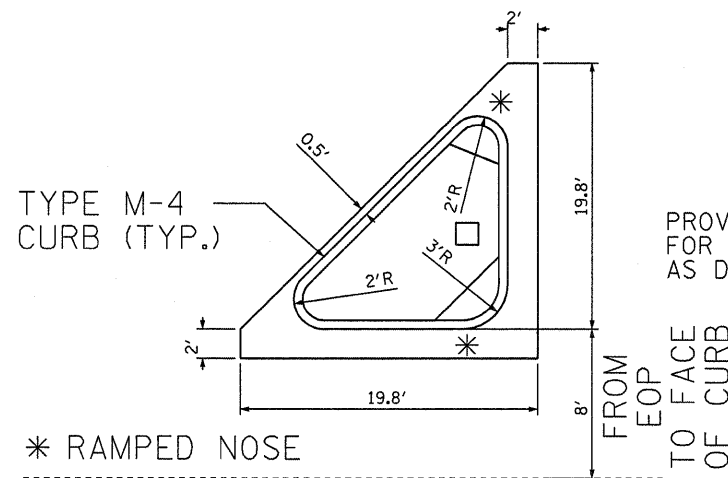
PRISMATIC REFLECTORS



SECTION VIEW

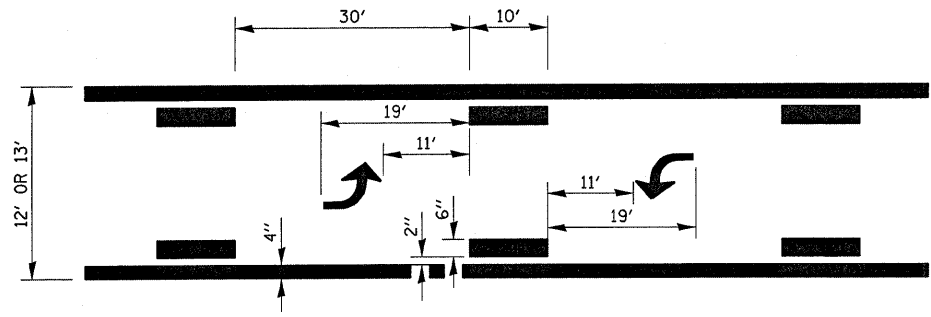
NOTES

1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.

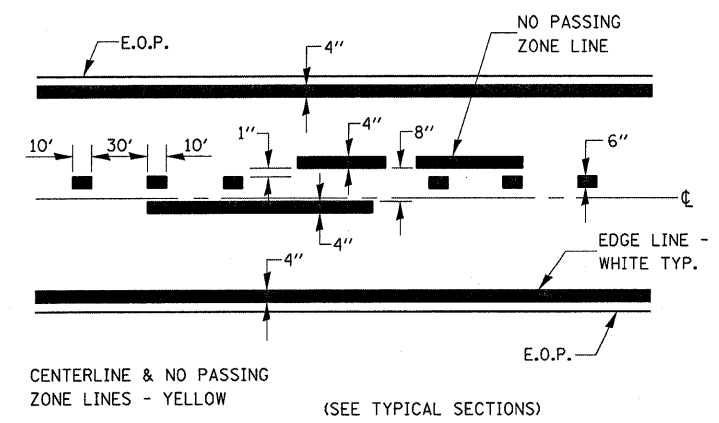


ISLAND DETAIL

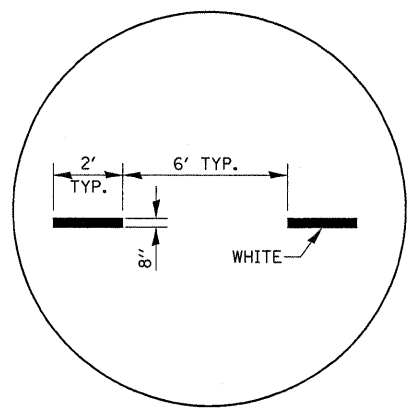
FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\p\WIDOT\DUNCANBD\des31838\ep	2508-sht-details.DGN	DRAWN -	REVISED -					311	(5)N	LASALLE	39	28
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 66857				
	PLOT DATE = Dec 08, 2009 - 11:19:29 AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



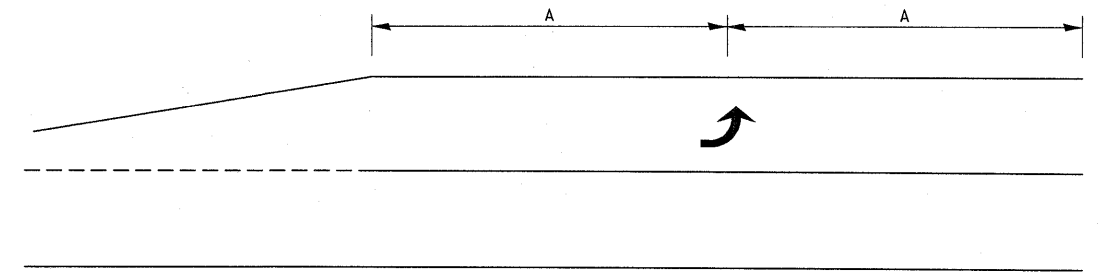
**TYPICAL APPLICATION @
BI-DIRECTIONAL TURN LANE**



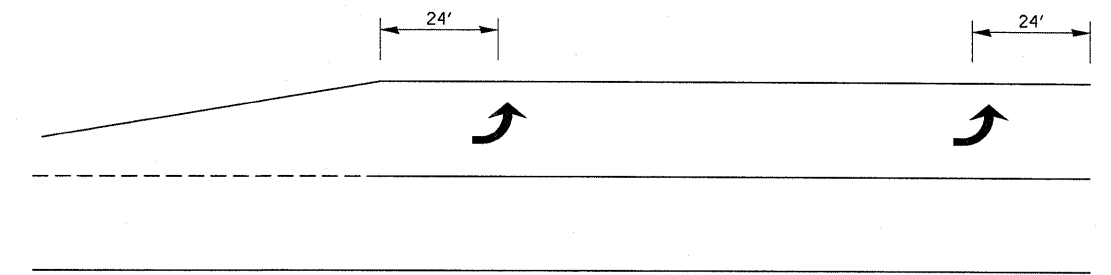
PAVEMENT MARKING



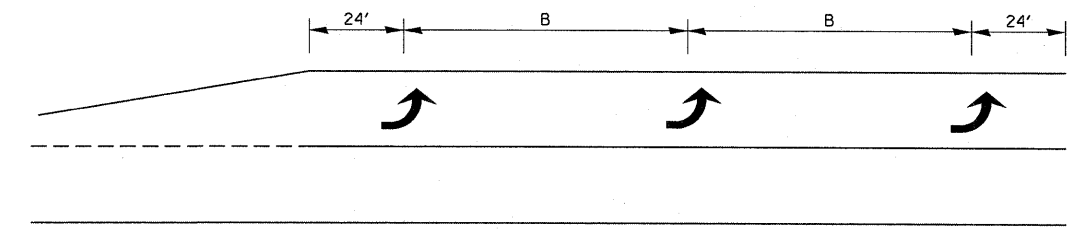
**ADVANCE AND INTERSECTION LANE
DIVIDER LINES**



99' AND UNDER

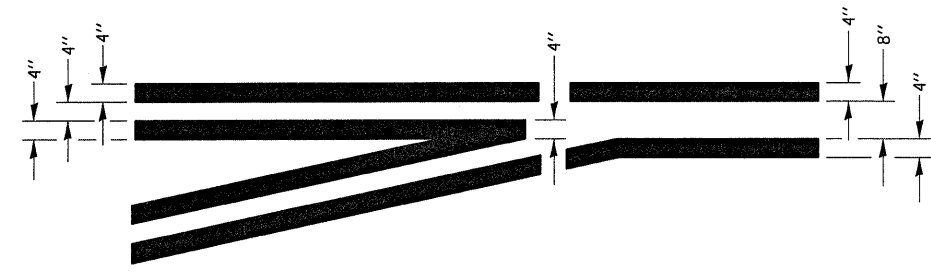


100' TO 149'



150' AND LONGER

**TYPICAL PLACEMENT OF ARROWS
IN TURN LANES**

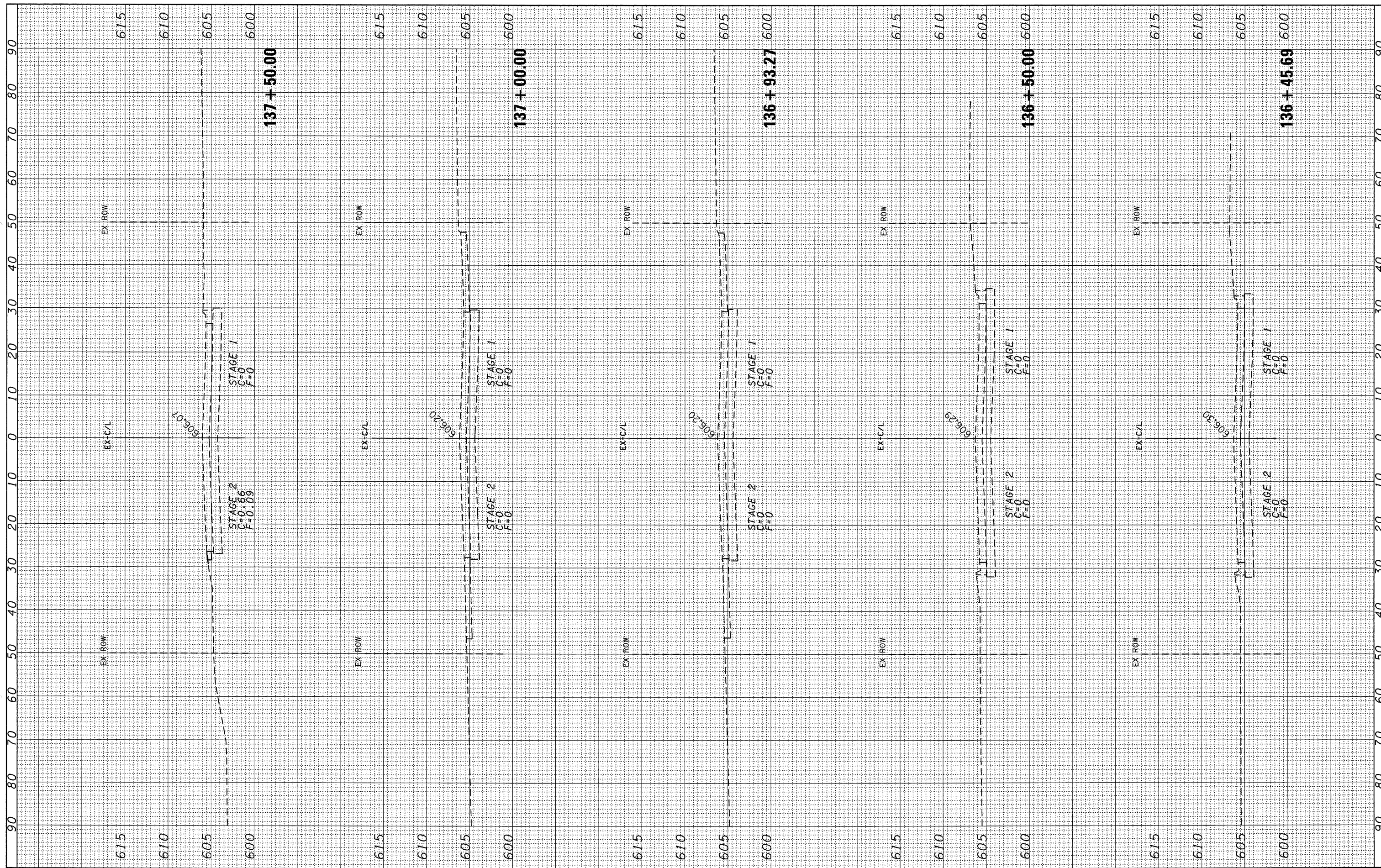


**TYPICAL APPLICATION
@ LEFT TURN LANES**

FILE NAME =	USER NAME = duncanbd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.			

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

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



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USER NAME = duncanbd
 DESIGNED -
 DRAWN -
 CHECKED -
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REVISOR -
 REVISIONS -
 REVISIONS -
 REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

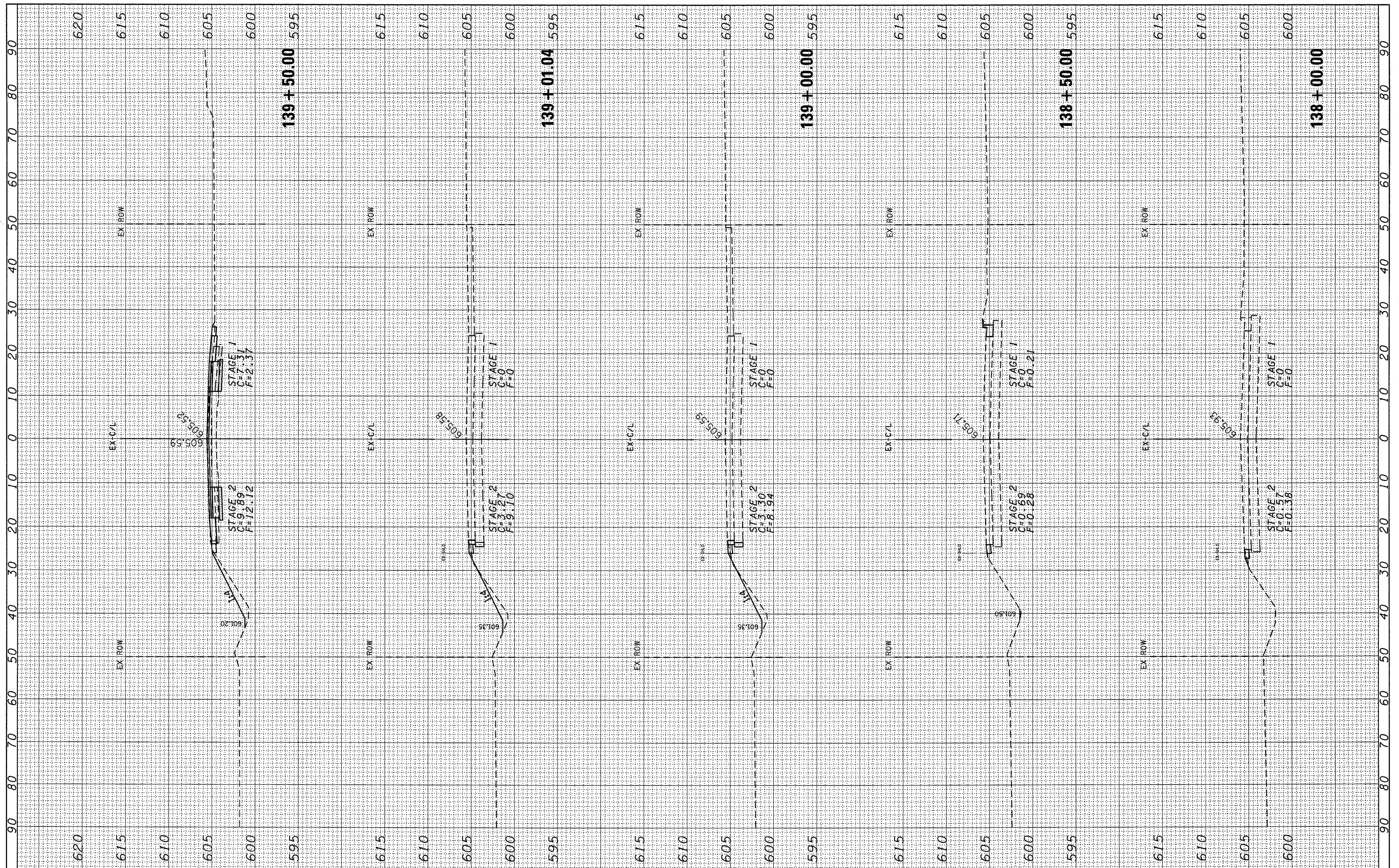
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 136+45.69 TO STA. 137+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(5)N	LASALLE	39	30
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 66857	

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



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 PLOT DATE = Dec 08, 2009 - 10:46:23 AM

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

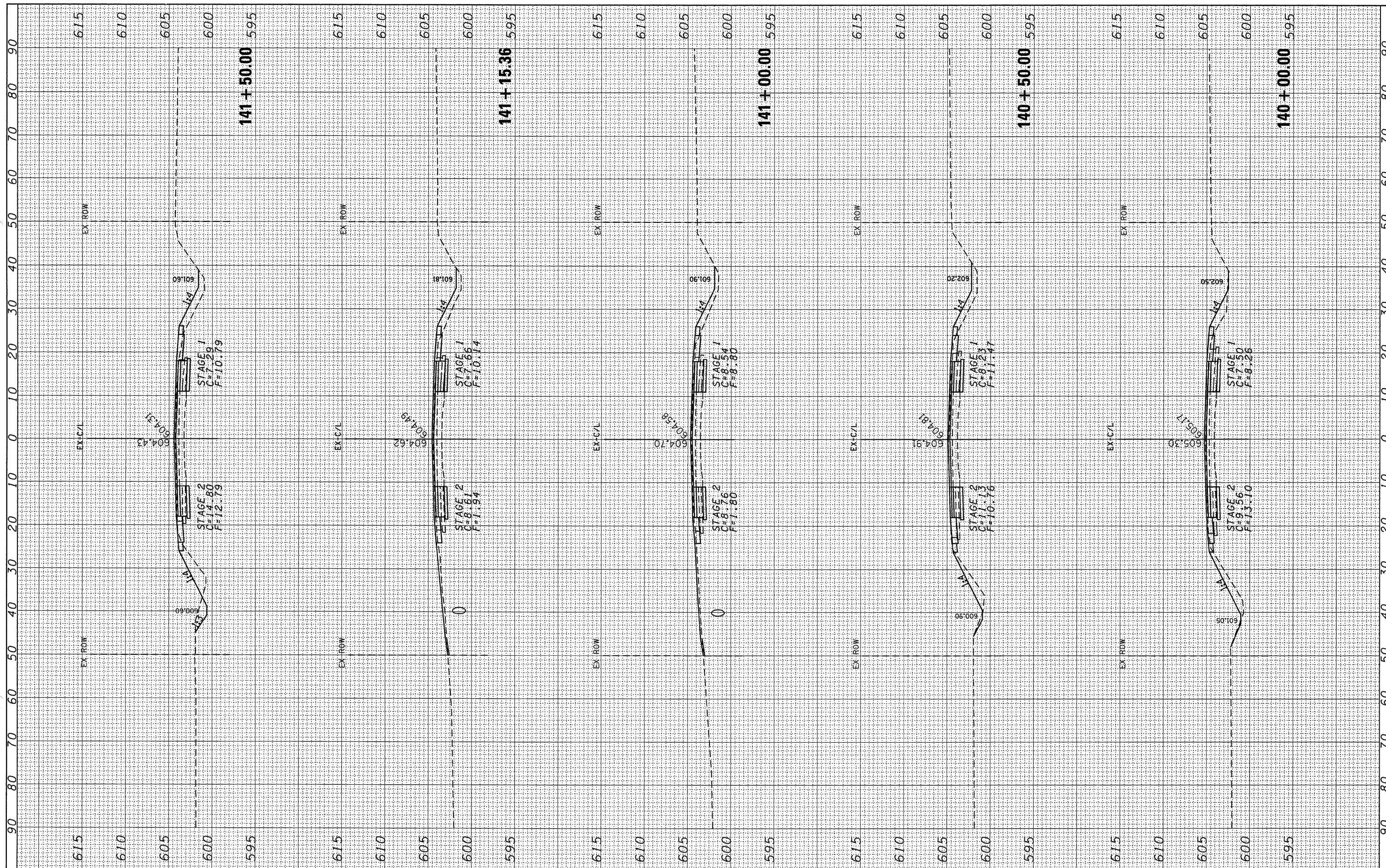
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 138+00.00 TO STA. 139+50.00

F.A.P. RTE. 311	SECTION (5N)	COUNTY LASALLE	TOTAL SHEETS 39	SHEET NO. 31
CONTRACT NO. 66857				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =
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 DESIGNED -
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 CHECKED -
 DATE -
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REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

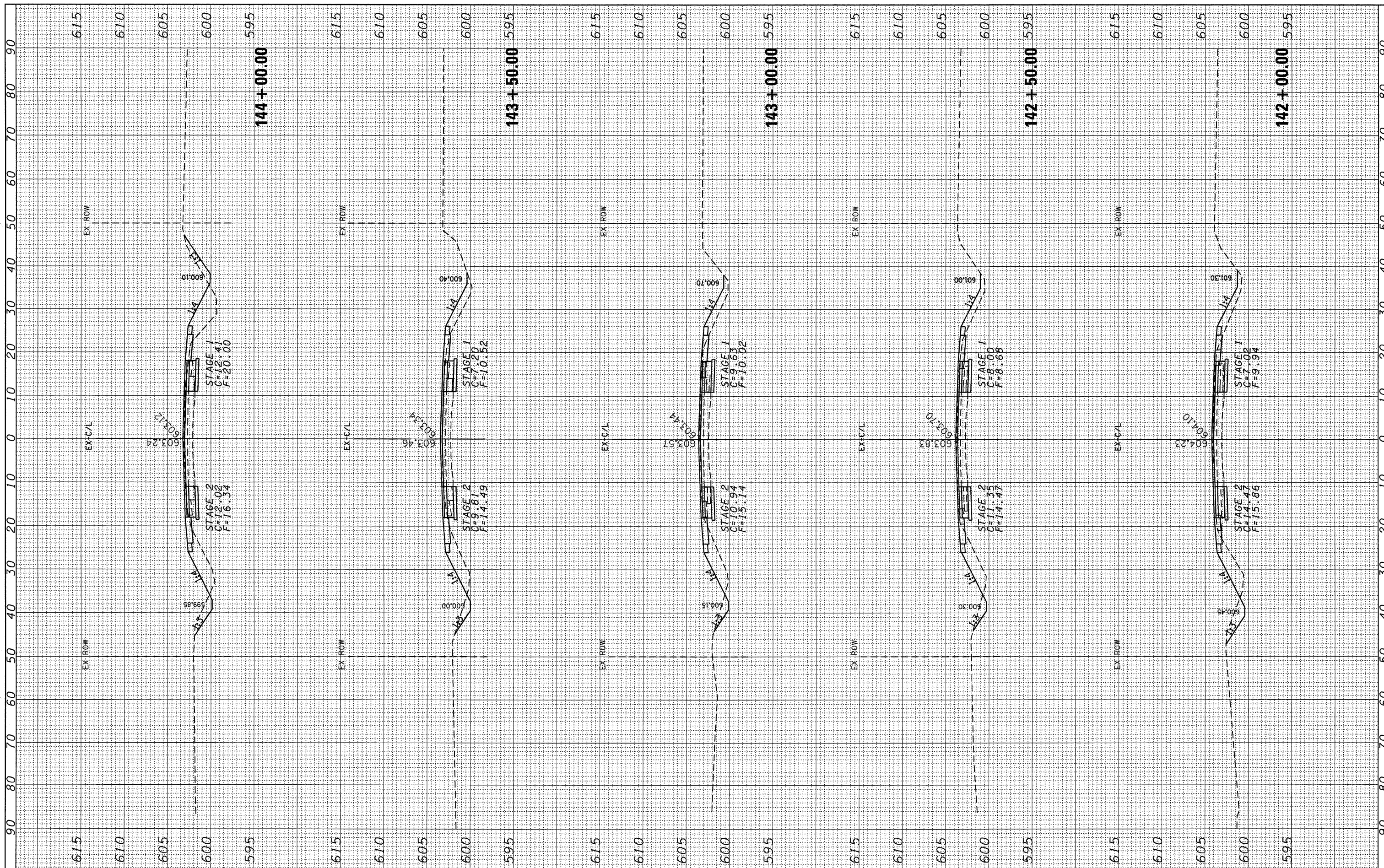
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 140+00.00 TO STA. 141+50.00

F.A.P. RTE. 311	SECTION (5)N	COUNTY LASALLE	TOTAL SHEETS 39	SHEET NO. 32
CONTRACT NO. 66857				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
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NO.		

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



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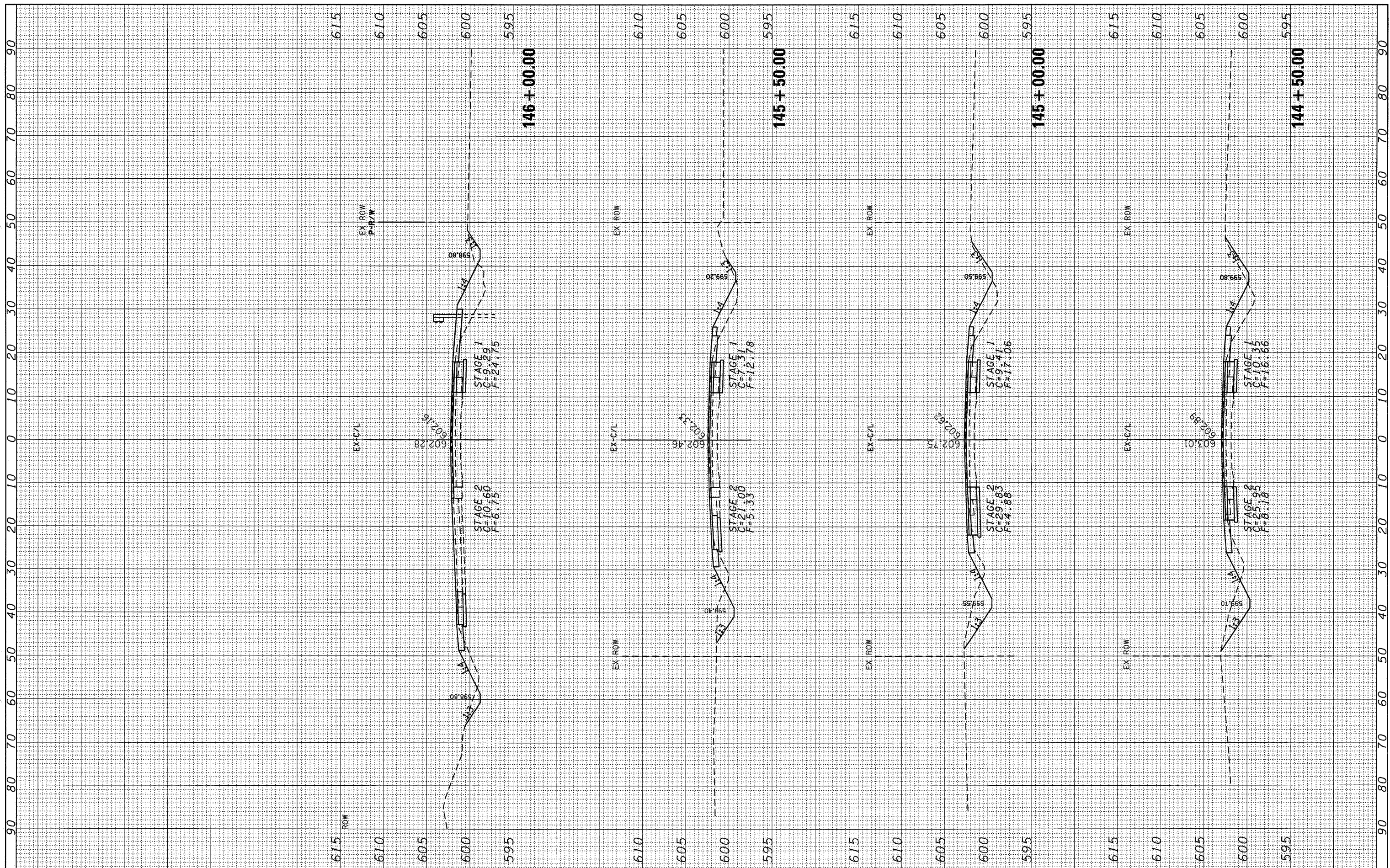
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
SCALE:	SHEET NO.	OF SHEETS	STA. 142+00.00 TO STA. 144+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(5)N	LASALLE	39	33
CONTRACT NO. 66857				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

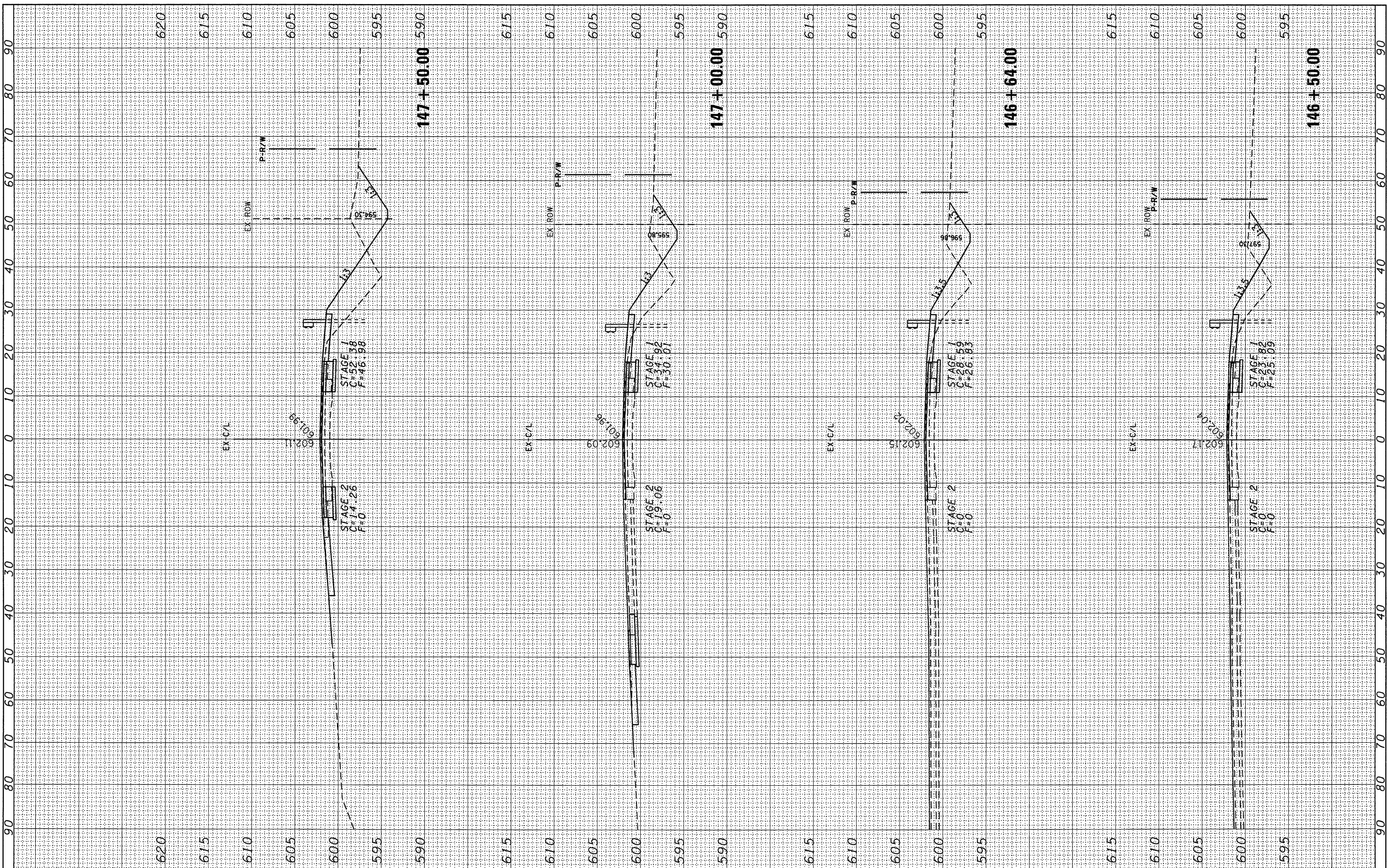
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 144+50.00 TO STA. 146+00.00

F.A.P. RTE. 311	SECTION (5N)	COUNTY LASALLE	TOTAL SHEETS 39	SHEET NO. 34
CONTRACT NO. 66857				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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BY	DATE
SURVEYED	
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NOTE BOOK	
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USER NAME = duncanbd
 DESIGNED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

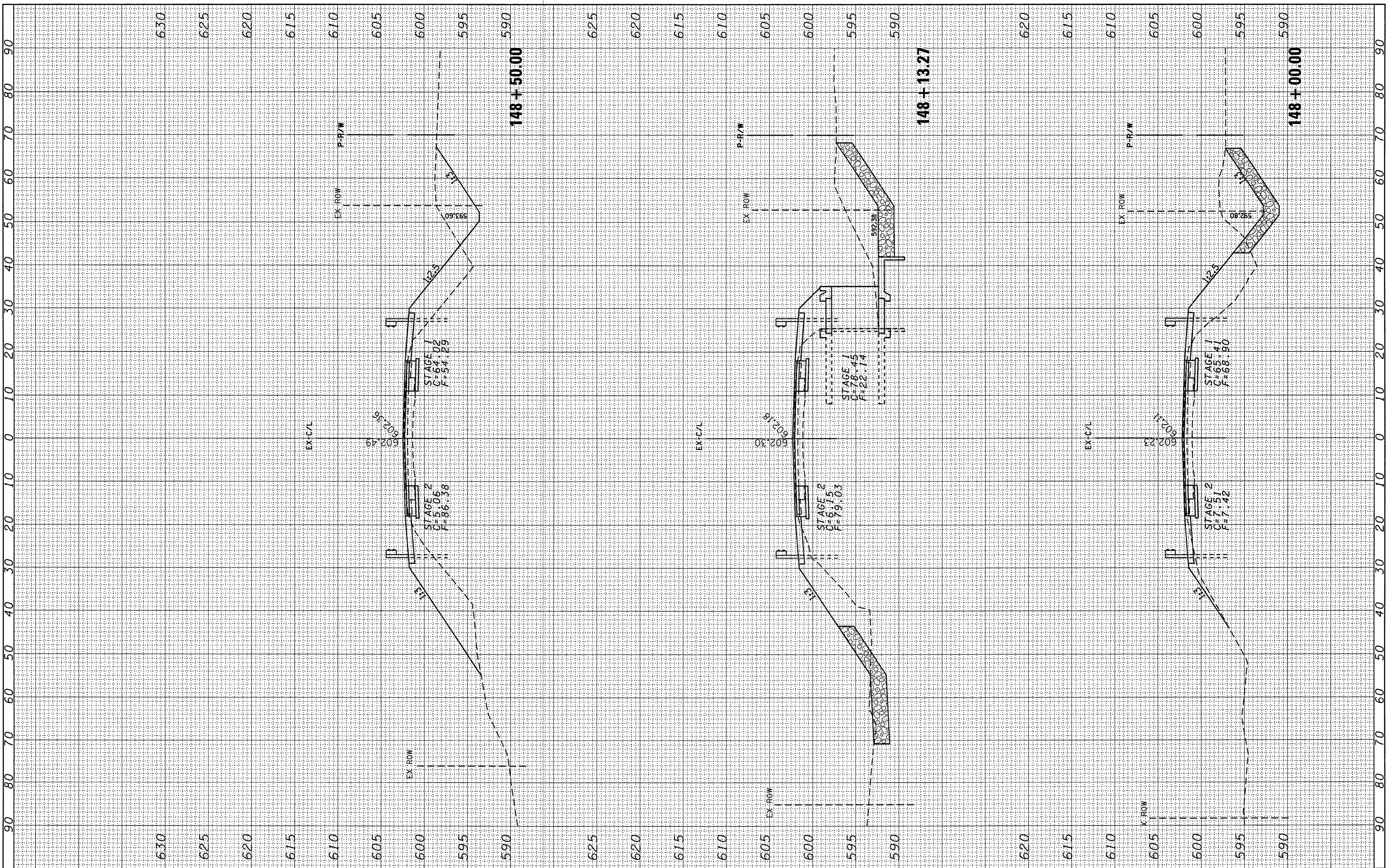
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 146+50.00 TO STA. 147+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(5)N	LASALLE	39	35
CONTRACT NO. 66857				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



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USER NAME = duncanbd

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

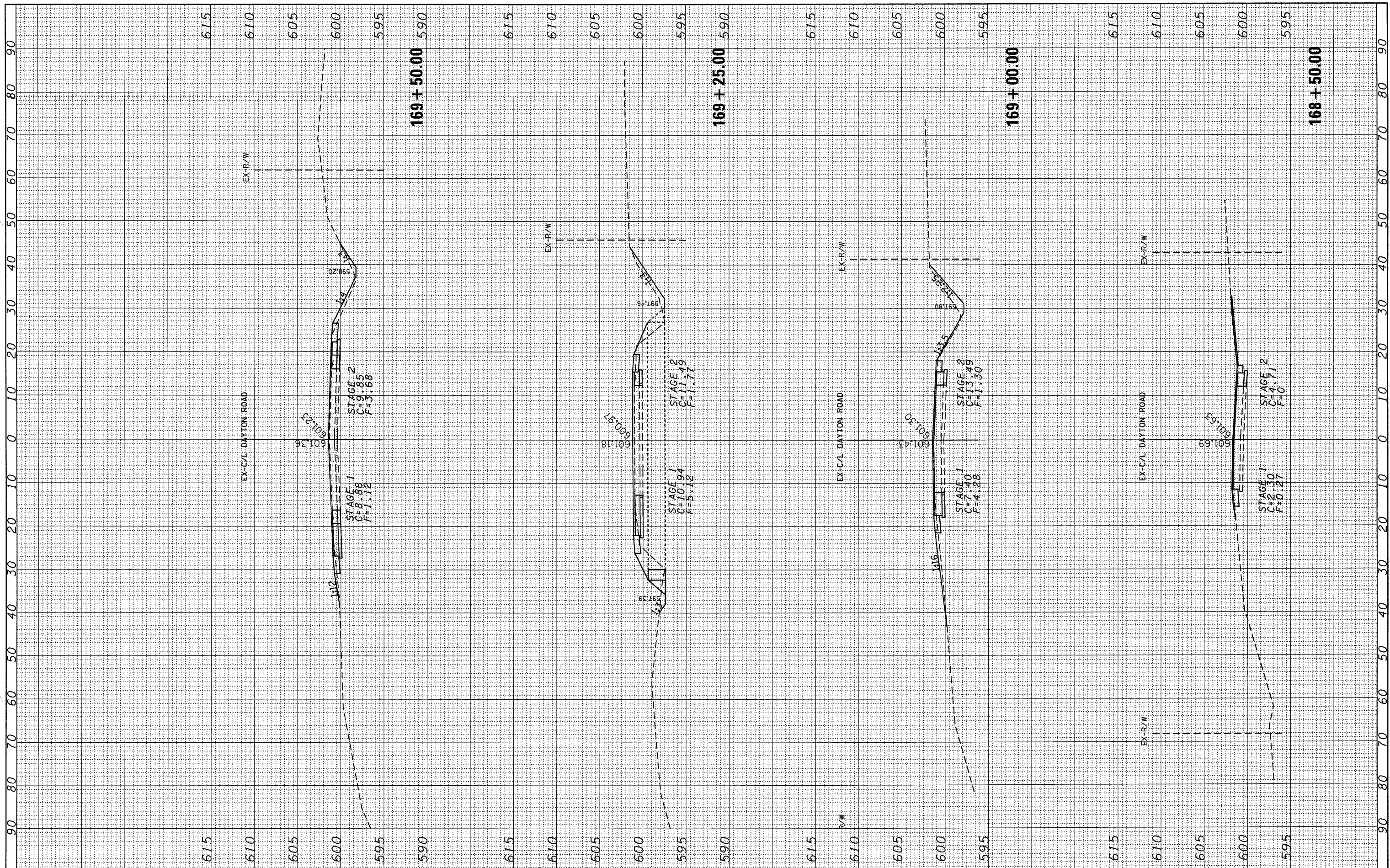
CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 148+00.00 TO STA. 148+50.00

F.A.P. RTE. 311	SECTION (5)N	COUNTY LASALLE	TOTAL SHEETS 39	SHEET NO. 36
CONTRACT NO. 66857			ILLINOIS FED. AID PROJECT	

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

ORIGINAL SURVEY	BY	DATE
SURVEYED		
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FILE NAME = c:\pwork\pwork\dunocanbd\dms31838\vf_02_x101.dgn

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DESIGNED -

DRAWN -

PLLOT SCALE = 10.0000' / IN.

PLLOT DATE = Dec 08, 2009 - 10:36:52 AM

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
DAYTON ROAD**

SCALE: SHEET NO. OF SHEETS STA. 168+50.00 TO STA. 169+50.00

F.A.P. RTE. 311	SECTION (5N)	COUNTY LASALLE	TOTAL SHEETS 39	SHEET NO. 39
CONTRACT NO. 66857				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				