

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	06-00034-00-PV	DUPAGE	69	1
ILLINOIS		CONTRACT NO. 63581		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

**DESIGN DESIGNATION:**

JOLIET RD = URBAN COLLECTOR  
MADISON AVE = URBAN COLLECTOR

**ADT:**

JOLIET RD = 6,000 (2030)  
MADISON AVE = 10,000 (2030)

**DESIGN SPEED:**

JOLIET RD = 45 MPH  
MADISON AVE (NORTH) = 40 MPH  
MADISON AVE (SOUTH) = 35 MPH

# STATE OF ILLINOIS

## DEPARTMENT OF TRANSPORTATION

### DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

**MADISON STREET AT JOLIET ROAD  
INTERSECTION IMPROVEMENTS  
SECTION 06-00034-00-PV  
PROJECT M-9003(192)**

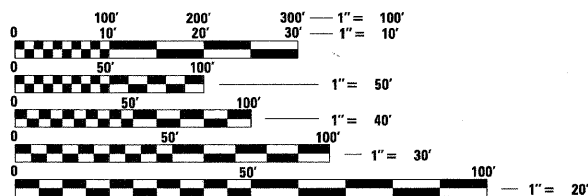
**VILLAGE OF BURR RIDGE  
DUPAGE COUNTY  
JOB NO: C-91-250-09**

FAU ROUTE 2674



LOCATION OF SECTION INDICATED THUS:

PROJECT LOCATED IN  
VILLAGE OF BURR RIDGE



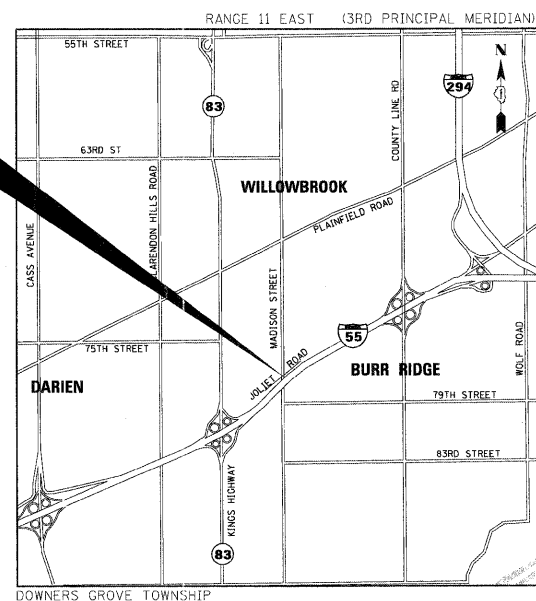
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PLANS PREPARED BY  
HDR ENGINEERING INC.  
FOR  
THE VILLAGE OF BURR RIDGE PAUL MAY P.E.,  
DIRECTOR OF PUBLIC WORKS, VILLAGE ENGINEER

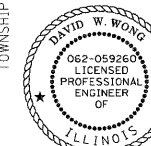
BEGIN IMPROVEMENTS  
JOLIET ROAD  
STA 107 + 93.00 - 118 + 65.00

BEGIN IMPROVEMENTS  
MADISON STREET  
STA. 247 + 80.00 - 252 + 17.00



**LOCATION MAP**  
SCALE = N.T.S.

GROSS LENGTH = 1,474 FT. = 0.28 MILES  
NET LENGTH = 1,474 FT. = 0.28 MILES



BY: *David W. Wong* DATE: 3/24/2011  
HDR ENGINEERING, INC.  
DWGS. 14-69  
LICENSE EXPIRES NOV. 30, 2011



BY: *Jay L. Chiodo* DATE: 3/24/2011  
HDR ENGINEERING, INC.  
DWGS. 1-15  
LICENSE EXPIRES NOV. 30, 2011



BY: *A. Pyak* DATE: 3/24/11  
GEOSERVICES, INC.  
DWGS. 48  
LICENSE EXPIRES NOV. 30, 2011

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED *PAUL D. MAY, P.E. 3/23/2011*  
DIRECTOR OF PUBLIC WORKS, VILLAGE ENGINEER

---

PASSED *APRIL 11*, 2011  
*Christophe Holt*  
DISTRICT 4 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW *APRIL 11*, 2011  
*Diana M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

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

**HDR** 8550 W. Bryn Mawr Ave., Suite 900  
Chicago, IL 60631  
773-380-7900  
HDR Engineering, Inc.

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E., (847) 705-4406, SCHAUMBURG, IL.

CONTRACT NO. 63581

**INDEX OF SHEETS**

DRAWING NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS/LIST OF HIGHWAY STANDARDS
3 TO 4	GENERAL NOTES
5 TO 8	SUMMARY OF QUANTITIES
9 TO 10	TYPICAL SECTIONS
11 TO 14	SCHEDULES OF QUANTITIES
15	ALIGNMENT, TIES AND BENCHMARKS
16 TO 17	REMOVAL PLANS
18 TO 21	PLAN AND PROFILE
22 TO 28	SUGGESTED MAINTENANCE OF TRAFFIC
29 TO 33	DRAINAGE & EROSION CONTROL PLAN AND PROFILES
34	INTERSECTION PAVEMENT ELEVATION PLAN
35 TO 37	PAVEMENT MARKING AND SIGNING PLANS
38 TO 47	TRAFFIC SIGNAL PLANS
48	BORING LOG
49 TO 54	MISCELLANEOUS DETAILS
55 TO 56	CROSS SECTIONS - JOLIET ROAD (WEST)
57 TO 65	CROSS SECTIONS - JOLIET ROAD (EAST)
66 TO 69	CROSS SECTIONS - MADISON STREET

**LIST OF HIGHWAY STANDARDS**

**HIGHWAY STANDARD DRAWINGS**

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602106-01	DRAINAGE STRUCTURES, TYPE 4, 5 AND 6
602301-03	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
666001-01	RIGHT-OF-WAY MARKERS
667101-01	PERMANENT SURVEY MARKERS
701011-02	OFF-ROAD MOVING OPERATIONS, 2L 2W, DAY ONLY
701101-02	OFF-ROAD OPERATIONS, ML, 15' TO 24" FROM EDGE OF PAVEMENT
701106-02	OFF-ROAD OPERATIONS, ML, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
704001-06	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL, MOUNTING DETAILS
720006-02	SIGN PANEL, ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-02	TYPICAL PAVEMENT MARKINGS
780001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877011-04	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-08	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
TS-05	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (6 SHEETS)
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TC
BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING; AND FRAMES AND LIDS ADJUSTMENT WITHOUT MI
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINTS AND HMA TAPER

PLAN

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

REVISIONS:

NO.	DATE	DESCRIPTION

NOTE BOOK NO. \_\_\_\_\_

PROFILE

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

REVISIONS:

NO.	DATE	DESCRIPTION

NOTE BOOK NO. \_\_\_\_\_

FILE NAME = D:\363687-SHT-INDEX.DGN

USER NAME = molopez

DESIGNED - JC

REVISED -

PLOT SCALE = \*SCALE\*

CHECKED - DW

REVISED -

PLOT DATE = 3/31/2011

DATE - 03-28-2011

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
INDEX OF SHEETS & HIGHWAY STANDARDS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	2
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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



**GENERAL NOTES**

- 44 SHOULD ANY DAMAGES OCCUR DUE TO THE CONTRACTOR'S NEGLIGENCE, THE CONTRACTOR, IN ACCORDANCE WITH ARTICLE 107.20, SHALL MAKE REPAIRS IN A MANNER ACCEPTABLE TO THE ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OF THE CONSTRUCTION SCHEDULE AND COORDINATE CONSTRUCTION OPERATIONS WITH THE UTILITY COMPANIES SO THAT RELOCATION OF UTILITY LINES AND STRUCTURES MAY PROCEED IN AN ORDERLY MANNER.
- 45 IF THE CONTRACTOR CHOOSES TO DISPOSE OF UNCONTAMINATED SOIL OR UNCONTAMINATED SOIL MIXED WITH CLEAN CONSTRUCTION AND DEMOLITION DEBRIS (CCDD) AT A CCDD FILL OPERATION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL NECESSARY FIELD AND LABORATORY ANALYSIS AND TO OBTAIN THE LICENSED PROFESSIONAL ENGINEER'S CERTIFICATION REQUIRED TO USE THE SITE AS PER PUBLIC ACT 96-1416. NO ADDITIONAL COMPENSTATION WILL BE PROVIDED.
- 46 THE CONTRACTOR'S SUPERINTENDENT MUST BE ON THE CONSTRUCTION SITE AT ALL TIMES DURING THE WORKING HOURS WHILE THIS PROJECT IS IN PROGRESS. THE CONTRACTOR'S SUPERINTENDENT MUST BE THE DESIGNATED RESPONSIBLE CONTRACTOR REPRESENTATIVE AND MUST BE AVAILABLE IN CASE OF EMERGENCIES ON A TWENTY-FOUR (24) HOUR BASIS.
- 47 IF EXISTING DRAINAGE FACILITIES ARE DAMAGED OR DISTURBED BY THE CONTRACTOR, THEY SHALL REPAIR TO ORIGNINAL WORKING CONDITION OR REPLACE AT NO ADDITIONAL COMPENSATION.
- 48 THE COST OF MAKING SEWER CONNECTIONS TO EXISTING DRAINAGE STRUCTURES AND EXISTING WINGWALLS SHALL BE INCLUDED IN THE UNIT PRICES FOR THE STORM SEWERS BEING CONSTRUCTED.
- 49 CONNECTION OF THE EXISTING DRAIN TILES, PIPE CULVERTS OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AS SHOWN ON THE PLANS SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- 50 THE CONTRACTOR MUST COMPLY WITH ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS, AS WELL AS THOSE SPECIFIED IN THE CONTRACT DRAWINGS AND SPECIFICATIONS.
- 51 THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING EXISTING DRAINAGE AT NO ADDITIONAL COMPENSATION.
- 52 THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION AT THE EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPOSED LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
- 53 AT LOCATIONS WHERE THE PROPOSED STORM SEWER CROSSES OVER UTILITIES, A 4" STYROFOAM CUSHION SHALL BE PLACED UNDER THE STORM SEWER WHEN DIRECTED TO DO SO BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES OF THE PROPOSED STORM SEWER PAY ITEMS.
- 54 MACHINE CORING IS THE ONLY ACCEPTABLE METHOD OF CREATING A NEW OPENING FOR ALL EXISTING DRAINAGE STRUCTURES REQUIRING NEW CONNECTIONS (WHERE OPENINGS ARE NOT ALREADY EXISTING WITH TEMPORARY PLUGS). THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- 55 ALL DRAINAGE STRUCTURES DESIGNATED WITH TYPE 8 GRATES ARE TO BE EQUIPPED WITH A MINIMUM OF 6 INCHES OF ADJUSTING RINGS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR THE DRAINAGE STRUCTURE PAY ITEMS.
- 56 MANHOLES AND CATCH BASINS SHALL BE CONSTRUCTED WITH A FLAT SLAB TOP WHEN A CONE RISER WILL CONFLICT WITH THE PIPE. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THESE STRUCTURES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS ADJUSTMENT. UPON IDENTIFYING THESE LOCATIONS THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- 57 WHERE POSSIBLE, ECCENTRIC MANHOLE TOPS WILL BE ROTATED SO THE MANHOLE COVER IS LOCATED ENTIRELY WITHIN THE SIDEWALK.
- 58 ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE SYSTEM OF THE STRUCTURE INVOLVED.
- 59 WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.
- 60 STORM SEWER (WATER MAIN REQUIREMENTS) ARE TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 ft AND THE WATER MAIN INVERT IS LESS THAN 1.5 ft ABOVE THE STORM SEWER CROWN.
- 61 STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 ft ABOVE THE TOP OF THE SEWER.
- 62 BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE LENGTH AND QUANTITY REQUIRED.

- 63 TREE REMOVAL AND CLEARING NECESSARY TO INSTALL DRAINAGE PIPES AND STRUCTURES WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE OF THE DRAINAGE PAY ITEMS.
- 64 PATCHING ITEMS WILL BE MEASURED FOR PAYMENT AT EACH LOCATION BASED ON THE FULL ROADWAY WIDTH TO DETERMINE PATCHING TYPE. STAGING OF PATCHES WILL NOT BE USED TO DETERMINE PATCH TYPES.
- 65 GRADING AND SHAPING DITCHES ON JOLIET ROAD FROM STA. 118+65 TO STA. 121+50 WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE OF THE DRAINAGE PAY ITEMS.

**EMERALD ASH BORER COMPLIANCE AGREEMENT**

NOTICE IS HEREBY GIVEN TO THE CONTRACTOR THAT THIS PROJECT IS IN THE EMERALD ASH BORER QUARANTINED AREA AS DEFINED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE. ALL WORK WITHIN THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF AGRICULTURE GUIDELINES.

THE EMERALD ASH BORER COMPLIANCE AGREEMENT MUST BE ENTERED INTO BY THE CONTRACTOR AND THE ILLINOIS DEPARTMENT OF AGRICULTURE PRIOR TO CONSTRUCTION AND THE SIGNED AGREEMENT BETWEEN THE ILLINOIS DEPARTMENT OF AGRICULTURE AND THE CONTRACTOR MUST BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION.

PLEASE SEE THE EMERALD ASH BORER WEBSITE AT [WWW.ILLINOISEAB.COM](http://WWW.ILLINOISEAB.COM) FOR FURTHER INFORMATION.

THE PROPER REMOVAL AND DISPOSAL AS SET FORTH BY THE ILLINOIS DEPARTMENT OF AGRICULTURE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COSTS OF THE CONTRACT.

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

PROFILE	DATE	BY
NO.		
NOTE BOOK		
NO.		
SURVEYED		
GRADES		
CHECKED		
BY		
NOTARIES		
CPRO		

  -DENOTES ITEMS AND WORK, NOT PAID FOR SEPARATELY.

FILE NAME = 01353897-SHT-GEN-02.DGN	USER NAME = malopez	DESIGNED - JC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST GENERAL NOTES</b>	F.A.U R.T.E. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 4		
PLOT SCALE = #SCALE#	CHECKED - DW	REVISED -	SCALE: NTS			SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63581		
PLOT DATE = 3/31/2011	DATE - 03-28-2011	REVISED -										

**SUMMARY OF QUANTITIES**

SP	SPECIALTY ITEM	CODE NUMBER	ITEM	UNIT	ROADWAY 0003	TRAFFIC SIGNALS 0021	TRAINEES 0042	TOTAL QUANTITY
		20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	34			34
		20200100	EARTH EXCAVATION	CU YD	1,363			1,363
		20800150	TRENCH BACKFILL	CU YD	106			106
		21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	3,644			3,644
		21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	500			500
	+	25000210	SEEDING, CLASS 2A	ACRE	2			2
	+	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	116			116
	+	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	116			116
	+	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	116			116
	+	25100630	EROSION CONTROL BLANKET	SQ YD	6,093			6,093
		25200200	SUPPLEMENTAL WATERING	UNIT	25			25
	+	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	150			150
		28000400	PERIMETER EROSION BARRIER	FOOT	1,777			1,777
		28000500	INLET AND PIPE PROTECTION	EACH	2			2
		28000510	INLET FILTERS	EACH	17			17
		31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	349			349
		31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	488			488
		31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SQ YD	2,289			2,289
		35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ YD	1,249			1,249
		35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	280			280
		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	700			700
		40600300	AGGREGATE (PRIME COAT)	TON	16			16
		40600525	LEVELING BINDER (HAND METHOD), N50	TON	100			100
		40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	890			890
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	260			260
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	302			302
		40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	36			36
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	764			764
		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	488			488
		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,140			3,140
		42400800	DETECTABLE WARNINGS	SQ FT	208			208
		44000100	PAVEMENT REMOVAL	SQ YD	84			84
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	675			675
		44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	1,152			1,152
		44000600	SIDEWALK REMOVAL	SQ FT	447			447
		44004250	PAVED SHOULDER REMOVAL	SQ YD	459			459
		44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	62			62
		44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	21			21
		44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	15			15
		44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1,857			1,857

PLAN

DATE \_\_\_\_\_ BY \_\_\_\_\_

NO. \_\_\_\_\_

SURVEYED \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 RT. OF WAY CHECKED \_\_\_\_\_  
 SAID FILE NAME \_\_\_\_\_

PROFILE

DATE \_\_\_\_\_ BY \_\_\_\_\_

NO. \_\_\_\_\_

SURVEYED \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 S.M. NOTED \_\_\_\_\_  
 STRUCTURE NOTATIONS CHECKED \_\_\_\_\_

FILE NAME = 01353887-SHT-500-01.DGN

USER NAME = bhanrjsh

PLOT SCALE = #SCALE#

PLOT DATE = 6/22/2011

DESIGNED - JC

DRAWN - BH

CHECKED - DW

DATE - 03-28-2011

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	5
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

SP	SPECIALITY ITEM	CODE NUMBER	ITEM	UNIT	ROADWAY 0003	TRAFFIC SIGNALS 0021	TRAINEES 0042	TOTAL QUANTITY
		54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1			1
		550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	381			381
		550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	212			212
		550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	901			901
		55100500	STORM SEWER REMOVAL 12"	FOOT	171			171
		60218400	MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2
		60221100	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4			4
		60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	1			1
		60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	7			7
		60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	7			7
*		60255500	MANHOLES TO BE ADJUSTED	EACH	15			15
*		60260100	INLETS TO BE ADJUSTED	EACH	5			5
*		60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4			4
		60500060	REMOVING INLETS	EACH	1			1
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	443			443
		60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,541			2,541
		66400105	CHAIN LINK FENCE, 4'	FOOT	868			868
		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6			6
		67100100	MOBILIZATION	L SUM	1			1
		70106800	CHANGEABLE MESSAGE SIGN	CAL MO	12			12
+		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	17,010			17,010
+		70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	141			141
+		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5,951			5,951
		70400100	TEMPORARY CONCRETE BARRIER	FOOT	2,000			2,000
		72000100	SIGN PANEL, TYPE 1	SQ FT	27	40		67
		72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2			2
		73000100	WOOD SIGN SUPPORT	FOOT	71			71
+		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	146			146
+		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,358			7,358
+		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,573			1,573
+		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	448			448
+		78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	158			158
+		78100100	REFLECTIVE PAVEMENT MARKER	EACH	8			8
		78200530	BARRIER WALL MARKERS, TYPE C	EACH	160			160
+		78300100	PAVEMENT MARKING REMOVAL	SQ FT	3,023			3,023
*	+	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH		1		1
+		81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT		604		604
+		81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT		98		98
+		81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT		41		41
+		81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT		64		64

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	BY	
	NO. OF WAY CHECKED	
	STRUCTURE NOTATION	
	CHKD	
	NO.	

FILE NAME = 01353987-SHT-500-02.DGN

USER NAME = bhenrich  
 PLOT SCALE = \*SCALE\*  
 PLOT DATE = 6/22/2011

DESIGNED - JC  
 DRAWN - BH  
 CHECKED - DW  
 DATE - 03-28-2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
 SUMMARY OF QUANTITIES**

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

F.A.U RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 6
CONTRACT NO. 63581				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

**SUMMARY OF QUANTITIES**

SP	SPECIALTY TEM	CODE NUMBER	ITEM	UNIT	ROADWAY 0003	TRAFFIC SIGNALS 0021	TRAINEES 0042	TOTAL QUANTITY
	+	81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT		430		430
	+	81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT		365		365
	+	81400100	HANDHOLE	EACH		8		8
	+	81400200	HEAVY DUTY HANDHOLE	EACH		4		4
	+	81400300	DOUBLE HANDHOLE	EACH		1		1
	+	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT		803		803
	+	84200804	REMOVAL OF POLE FOUNDATION	EACH		1		1
	+	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH		1		1
*	+	86200120	UNINTERRUPTABLE POWER SUPPLY	EACH		1		1
	+	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT		623		623
	+	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT		1,655		1,655
	+	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT		1,608		1,608
	+	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT		1,676		1,676
	+	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT		2,254		2,254
	+	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT		50		50
	+	87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH		1		1
	+	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH		3		3
	+	87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH		1		1
	+	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH		1		1
	+	87700210	STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH		1		1
	+	87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH		1		1
	+	87700240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH		1		1
	+	87800100	CONCRETE FOUNDATION, TYPE A	FOOT		20		20
	+	87800150	CONCRETE FOUNDATION, TYPE C	FOOT		4		4
	+	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT		41		41
*	+	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT		13		13
*	+	88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH		1		1
*	+	88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH		4		4
*	+	88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH		1		1
*	+	88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH		4		4
*	+	88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH		3		3
*	+	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH		2		2
*	+	88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH		1		1
	+	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH		8		8
	+	88500100	INDUCTIVE LOOP DETECTOR	EACH		11		11
	+	88600100	DETECTOR LOOP, TYPE I	FOOT		1,208		1,208
*	+	88700200	LIGHT DETECTOR	EACH		3		3
*	+	88700300	LIGHT DETECTOR AMPLIFIER	EACH		1		1
*	+	88800100	PEDESTRIAN PUSH-BUTTON	EACH		4		4
	+	A2C005G5	TREE, ACER SACCHARINUM (SILVER MAPLE), CONTAINER GROWN, 5-GALLON	EACH	5			5

PLAN SURVEYED \_\_\_\_\_ DATE \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 ROAD FILE NAME \_\_\_\_\_

PROFILE SURVEYED \_\_\_\_\_ DATE \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 B.M. NOTED \_\_\_\_\_  
 STRUCTURE NOTATIONS CHKD \_\_\_\_\_

FILE NAME = 01353887-SHT-500-03.DGN

USER NAME = bhennrich  
 PLOT SCALE = \*SCALE\*  
 PLOT DATE = 6/22/2011

DESIGNED - JC  
 DRAWN - BH  
 CHECKED - DW  
 DATE - 03-28-2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
 SUMMARY OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	7
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

SP	SPECIALITY TEM	CODE NUMBER	ITEM	UNIT	ROADWAY 0003	TRAFFIC SIGNALS 0021	TRAINEES 0042	TOTAL QUANTITY
*		X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	2,890			2,890
*		X2800510	INLET FILTER CLEANING	EACH	23			23
*		X6640300	CHAIN LINK FENCE REMOVAL	FOOT	868			868
*		X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1			1
*	+	X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	28			28
*	+	X8730250	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT		1,004		1,004
*		Z0013798	CONSTRUCTION LAYOUT	L SUM	1			1
*		Z0030255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2			2
*		Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	1			1
*	+	Z0050500	REMOVE AND RESET EXISTING STREET LIGHTS	EACH	1			1
*		Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	142			142
*		Z0076600	TRAINEES	HOURS			500	500

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

PROFILE SURVEYED BY DATE  
 CHECKED BY DATE  
 B.M. NOTED BY DATE  
 STRUCTURE NOTATIONS CHFD

FILE NAME = 01353887-SHT-S00-04.DGN

USER NAME = bhenrich  
 PLOT SCALE = \$SCALE\$  
 PLOT DATE = 6/22/2011

DESIGNED - JC  
 DRAWN - BH  
 CHECKED - DW  
 DATE - 03-28-2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
 SUMMARY OF QUANTITIES**

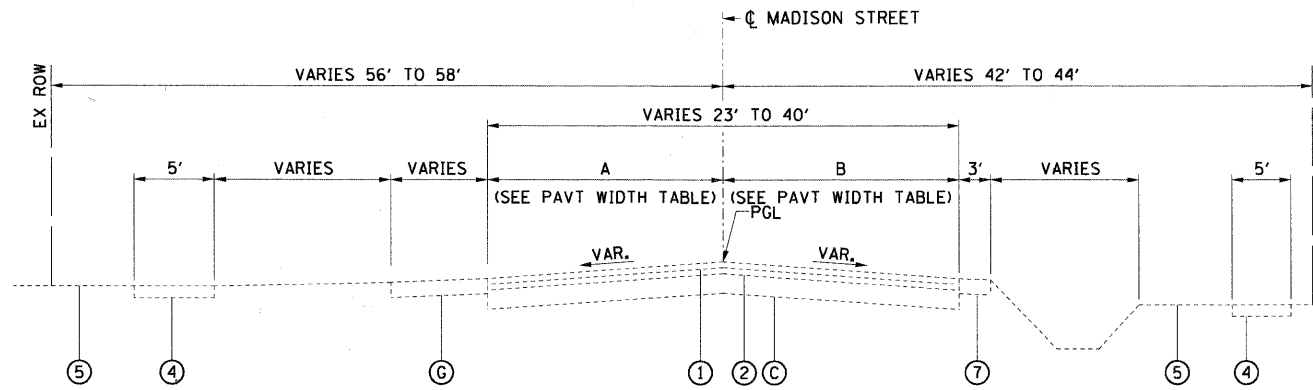
SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	8
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



DATE  
BY  
SURVEYED  
PLAN  
NOTE BOOK  
ALIGNMENT CHECKED  
RTY. OF WAY CHECKED  
NO. CHD. FILE NAME

DATE  
BY  
SURVEYED  
PROFILE  
GRADES CHECKED  
E.M. NOTED  
STRUCTURE NOTATIONS CHECKED  
NO.

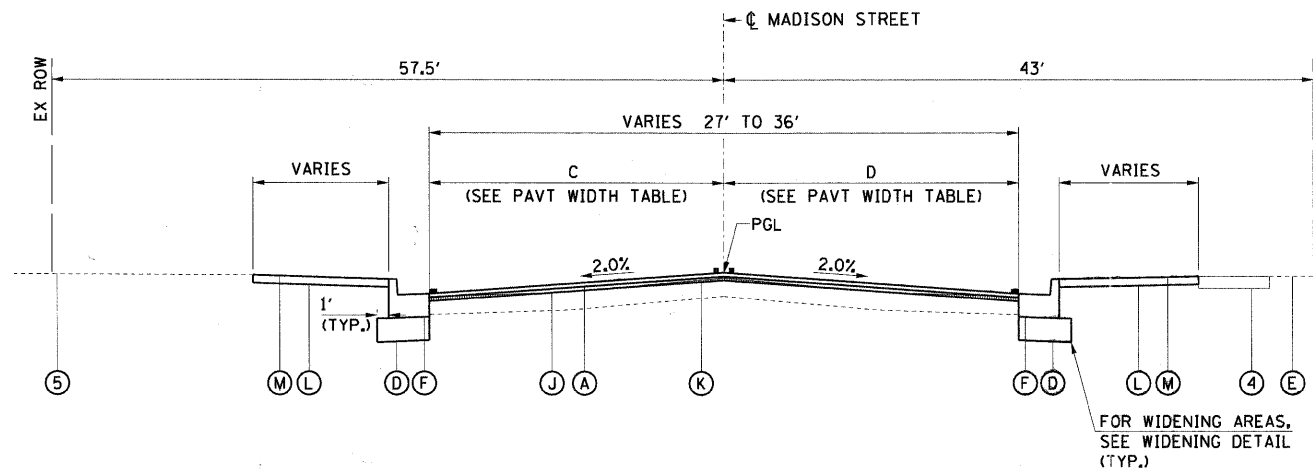


**EXISTING TYPICAL SECTION**  
STA. 247+80 TO STA. 251+85 (MADISON STREET)

MADISON STREET EXISTING PAVEMENT WIDTH TABLE (A/B)

Station Range	A	B
247+80 TO 248+15	13.5'	13.5'
248+15 TO 248+73	13.5'	13.5'-24'
248+73 TO 249+41	•	24'
249+41 TO 250+27	•	•
250+27 TO 251+11	23'±	•
251+11 TO 251+85	23'±	13'±

- EXISTING LEGEND**
- ① EXISTING HMA SURFACE 2"
  - ② EXISTING HMA BINDER 2"
  - ③ EXISTING HMA BASE 7"
  - ④ EXISTING PCC SIDEWALK
  - ⑤ EXISTING GROUND
  - ⑥ EXISTING COMB CONC. CURB AND GUTTER, TYPE B-6.24
  - ⑦ AGGREGATE SHOULDER

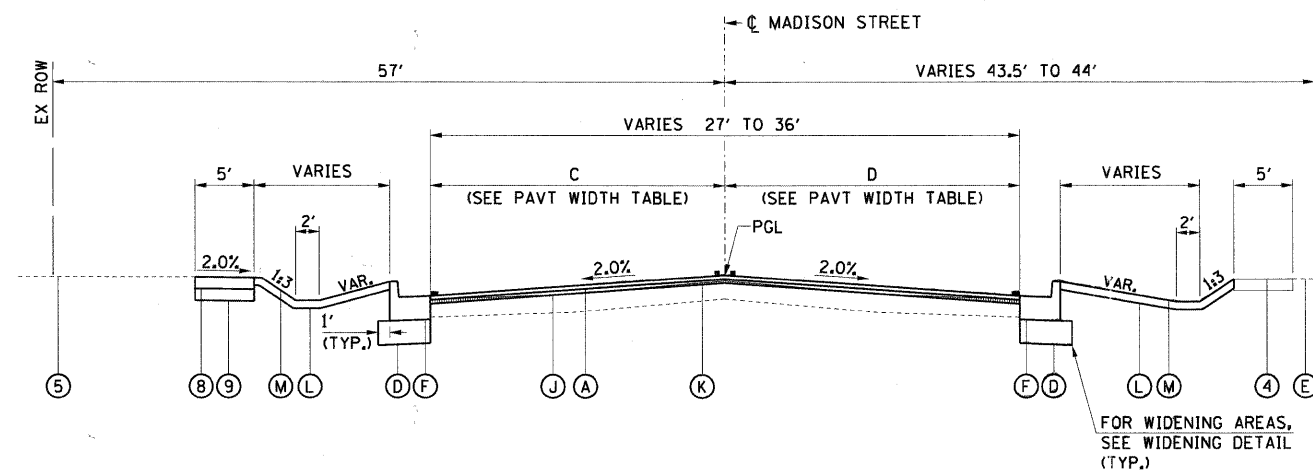


**PROPOSED TYPICAL SECTION**  
STA. 247+80 TO STA. 249+77.94 (MADISON STREET)

MADISON STREET PROPOSED PAVEMENT WIDTH TABLE (C/D)

Station Range	C	D
247+80 TO 248+07	13.5'	13.5'
248+07 TO 248+43	13.5'-19.5'	--
248+07 TO 248+13	--	13.5'
248+13 TO 248+61	--	13.5'-24'
248+43 TO 248+61	•	--
248+61 TO 249+37	•	24'
249+37 TO 250+41	•	•
250+41 TO 251+05	24'	•
251+05 TO 251+53	24'	--
251+05 TO 251+85	--	19.3'-13.4'
251+53 TO 251+85	24'-22.8'	--

- PROPOSED LEGEND**
- Ⓐ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
  - Ⓑ HOT-MIX ASPHALT BINDER COURSE, IL- 19.0, N50, 2 1/4"
  - Ⓒ HOT-MIX ASPHALT BASE COURSE, 7"
  - Ⓓ SUBBASE GRANULAR MATERIAL, TYPE B 12"
  - Ⓔ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - Ⓕ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
  - Ⓖ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
  - Ⓗ SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - Ⓘ LEVELING BINDER (HAND METHOD), N50 (0.75" MIN.- 2.25" MAX.)
  - Ⓝ LEVELING BINDER (MACHINE METHOD), N50 (0.75" MIN.- 2.25" MAX.)
  - Ⓚ COLD MILLING EXISTING SURFACE
  - Ⓛ TOPSOIL FURNISH AND PLACE, 4"
  - Ⓜ SODDING, SALT TOLERANT OR SEEDING (PAY ITEMS AS NOTED ON LANDSCAPE PLANS)



**PROPOSED TYPICAL SECTION**  
STA. 249+77.94 TO STA. 251+85 (MADISON STREET)

\* NOTE:  
FOR AREAS BETWEEN RADIUS RETURNS, SEE PLAN/PROFILE SHEETS, CROSS SECTION SHEETS AND THE INTERSECTION ELEVATION SHEET.

**HMA MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ NDES
PAVEMENT RESURFACING / WIDENING	4% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"	4% @ 50 GYR.
LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5mm)	4% @ 50 GYR.
LEVELING BINDER (HAND METHOD), N50 (IL 9.5mm)	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL 19mm); 7" (IN 3 LIFTS)	4% @ 50 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5 mm); 2"	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL 19mm); PE - 6" (IN 2 LIFTS)	4% @ 50 GYR.
HMA BASE COURSE (HMA BINDER IL 19mm); CE - 8" (IN 3 LIFTS)	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL 19mm) - 11" (IN 4 LIFTS)	4% @ 70 GYR.
CLASS D PATCHES (HMA BINDER IL 19mm) - 14" (IN 5 LIFTS)	4% @ 70 GYR.

NOTE: THE CONTRACTOR SHALL MILL BEFORE PATCHING.

**NOTES FOR HMA MIXTURE REQUIREMENTS:**

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22", AND FOR NON-POLYMERIZED HMA, THE "TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP", SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME =  
01353887-SHT-TYP-01.DGN

USER NAME = malopez  
DESIGNED - JC  
DRAWN - BH  
CHECKED - DW  
DATE - 03-28-2011

REVISED -  
REVISED -  
REVISED -  
REVISED -

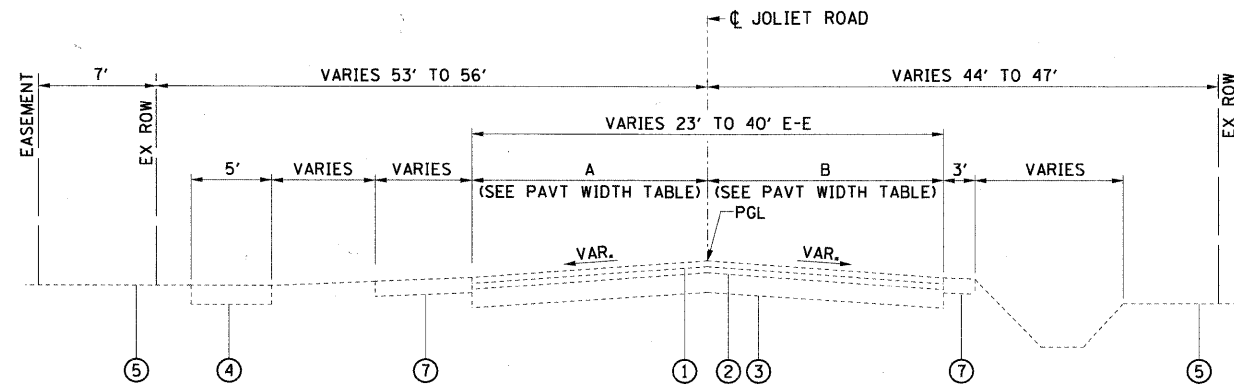
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
TYPICAL SECTIONS MADISON STREET**  
SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. R.T.E. SECTION COUNTY TOTAL SHEETS SHEET NO.  
2674 06-00034-00-PV DUPAGE 69 9  
CONTRACT NO. 63581  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 ALIGNED CHECKED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 FILE NAME: \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 GRADES CHECKED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 FILE NAME: \_\_\_\_\_

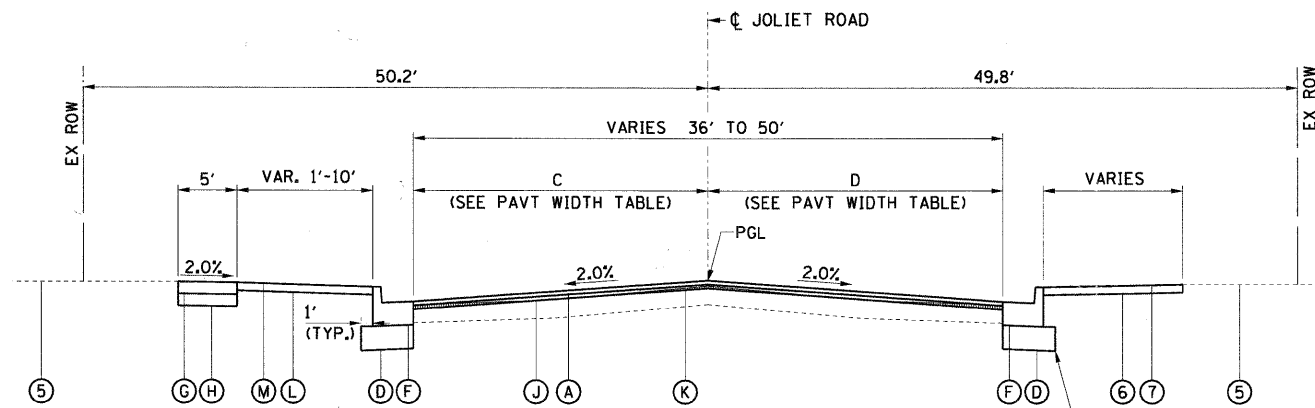


**EXISTING TYPICAL SECTION**

STA. 107+93 TO STA. 118+65 (JOLIET ROAD)

JOLIET ROAD EXISTING PAVEMENT WIDTH TABLE (A/B)

Station Range	A	B
107+93 TO 108+66	20'	20'
108+66 TO 109+36	20'	•
109+36 TO 110+50	•	•
110+50 TO 111+21	•	30'
111+21 TO 113+35	12'-15'	30'-11'
113+35 TO 118+65	15'-12'	11'

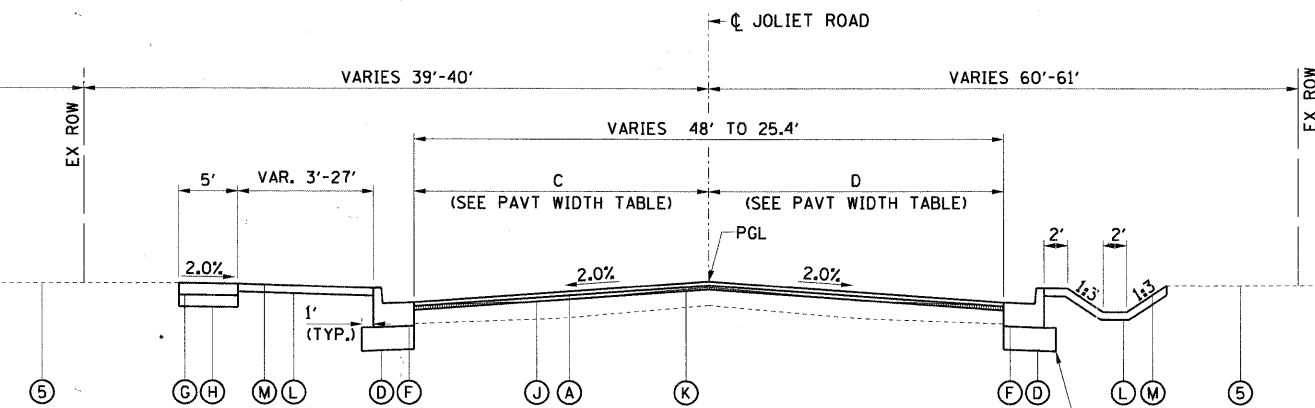


**PROPOSED TYPICAL SECTION**

STA. 107+93 TO STA. 109+89.87 (JOLIET ROAD)

JOLIET ROAD PROPOSED PAVEMENT WIDTH TABLE (C/D)

Station Range	C	D
107+93 TO 108+01	18'	18'
108+01 TO 109+94	18'-32'	18'
109+41 TO 110+32	•	•
110+32 TO 110+90	•	36'
110+90 TO 112+10	12'	36'-24'
112+10 TO 114+65	12'	24'
114+65 TO 118+65	12'	24'-13.4'



**PROPOSED TYPICAL SECTION**

STA. 110+00.00 TO STA. 118+65 (JOLIET ROAD)

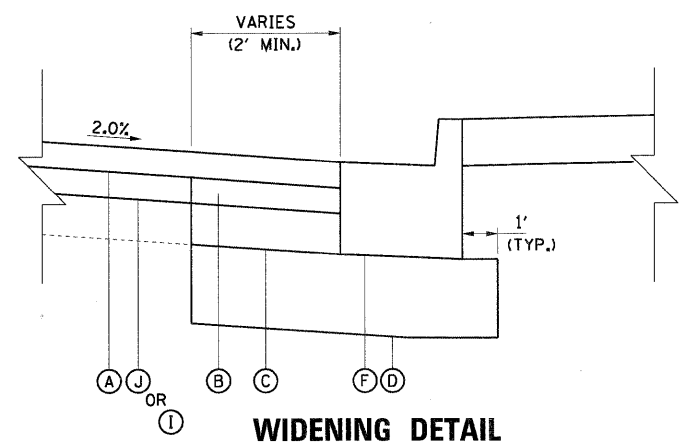
\* NOTE:  
 FOR AREAS BETWEEN RADIUS RETURNS, SEE PLAN/PROFILE SHEETS, CROSS SECTION SHEETS AND THE INTERSECTION ELEVATION SHEET.

**EXISTING LEGEND**

- ① EXISTING HMA SURFACE 2"
- ② EXISTING HMA BINDER 2"
- ③ EXISTING HMA BASE 7"
- ④ EXISTING PCC SIDEWALK
- ⑤ EXISTING GROUND
- ⑥ EXISTING COMB CONC. CURB AND GUTTER, TYPE B-6.24
- ⑦ AGGREGATE SHOULDER

**PROPOSED LEGEND**

- Ⓐ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"
- Ⓑ HOT-MIX ASPHALT BINDER COURSE, IL- 19.0, N50, 2 1/4"
- Ⓒ HOT-MIX ASPHALT BASE COURSE, 7"
- Ⓓ SUBBASE GRANULAR MATERIAL, TYPE B 12"
- Ⓔ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- Ⓕ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- Ⓖ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- Ⓗ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- Ⓘ LEVELING BINDER (HAND METHOD), N50 (0.75" MIN.- 2.25" MAX.)
- Ⓙ LEVELING BINDER (MACHINE METHOD), N50 (0.75" MIN.- 2.25" MAX.)
- Ⓚ COLD MILLING EXISTING SURFACE
- Ⓛ TOPSOIL FURNISH AND PLACE, 4"
- Ⓜ SODDING, SALT TOLERANT OR SEEDING (PAY ITEMS AS NOTED ON LANDSCAPE PLANS)



DATE	
BY	
SURVEYED	
ALIGNED	
NOTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
PLAN	
NOTE BOOK	
NO.	

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

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

STA	OFFSET	DIRECTION	UNIT
112+93.9	25.6	LT	6
113+15.2	25.8	LT	6
113+93.5	25.8	LT	10
114+68.0	27.7	LT	6
114+94.5	25.2	LT	6
TOTAL			34

SEEDING, CLASS 2

STA	TO	STA	LT/RT	ACRE
102+77.0		109+89.87	LT	0.1
102+77.0		109+89.87	RT	0.1
110+00.0		119+99.50	LT	0.2
110+00.0		119+99.50	RT	0.7
247+80.0		249+78.0	LT	0.1
247+80.0		249+78.0	RT	0.0
249+78.0		253+75.0	LT	0.1
249+78.0		253+75.0	RT	0.1
TOTAL				1.5

NITROGEN FERTILIZER NUTRIENT

STA	TO	STA	LT/RT	LBS
102+77.0		109+89.87	LT	6.0
102+77.0		109+89.87	RT	6.0
110+00.0		119+99.50	LT	20.0
110+00.0		119+99.50	RT	61.0
247+80.0		249+78.0	LT	8.0
247+80.0		249+78.0	RT	3.0
249+78.0		253+75.0	LT	7.0
249+78.0		253+75.0	RT	5.0
TOTAL				116.0

PHOSPHORUS FERTILIZER NUTRIENT

STA	TO	STA	LT/RT	LBS
102+77.0		109+89.87	LT	6
102+77.0		109+89.87	RT	6
110+00.0		119+99.50	LT	20
110+00.0		119+99.50	RT	61
247+80.0		249+78.0	LT	8
247+80.0		249+78.0	RT	3
249+78.0		253+75.0	LT	7
249+78.0		253+75.0	RT	5
TOTAL				116

POTASSIUM FERTILIZER NUTRIENT

STA	TO	STA	LT/RT	LBS
102+77.0		109+89.87	LT	6
102+77.0		109+89.87	RT	6
110+00.0		119+99.50	LT	20
110+00.0		119+99.50	RT	61
247+80.0		249+78.0	LT	8
247+80.0		249+78.0	RT	3
249+78.0		253+75.0	LT	7
249+78.0		253+75.0	RT	5
TOTAL				116

EROSION CONTROL BLANKET

STA	TO	STA	LT/RT	AREA (SQ YD)
107+75		108+50	LT	445
107+75		109+50	RT	217
109+00		109+50	RT	51
110+80		112+50	LT	482
112+50		112+75	LT	38
112+75		113+50	LT	10
112+75		113+50	LT	55
113+75		114+10	LT	13
113+75		114+10	LT	59
114+50		115+25	LT	52
114+50		115+25	LT	14
115+40		116+00	LT	53
115+40		116+00	LT	19
116+50		117+40	LT	75
116+50		117+40	LT	24
117+50		118+60	LT	41
117+50		118+60	LT	41
110+50		118+60	RT	2,817
118+60		121+60	RT	468
247+60		248+75	LT	389
247+60		249+75	RT	153
250+00		250+50	LT	89
250+50		251+90	LT	264
250+75		251+90	RT	222
TOTAL				6,093

TEMPORARY EROSION CONTROL SEEDING

STATION	TO	STATION	DIRECTION	AREA (SF)
107+75		108+50	LT	4,005
107+75		109+50	RT	1,950
109+00		109+50	RT	458
110+80		112+50	LT	4,340
112+50		112+75	LT	340
112+75		113+50	LT	90
112+75		113+50	LT	495
113+75		114+10	LT	115
113+75		114+10	LT	530
114+50		115+25	LT	470
114+50		115+25	LT	130
115+40		116+00	LT	480
115+40		116+00	LT	170
116+50		117+40	LT	675
116+50		117+40	LT	220
117+50		118+60	LT	370
117+50		118+60	LT	370
110+50		118+60	RT	25,350
118+60		121+60	RT	4,210
247+60		248+75	LT	3,500
247+60		249+75	RT	1,380
250+00		250+50	LT	805
250+50		251+90	LT	2,380
250+75		251+90	RT	2,000

Total = 54,833  
Rounding up Total = 150  
Rate = 100 LB/ACRE 150

PERIMETER EROSION BARRIER

STA	TO	STA	LT/RT	FOOT
108+99.5		109+54.7	LT	55
110+16.4		113+00	RT	132
110+92.7		112+24.1	LT	29
112+31.1		112+59.7	LT	41
112+85.9		113+26.9	LT	50
113+56		114+05.3	LT	60
114.55+7		115+15	LT	68
115+37.4		116+05.6	LT	95
116+47		117+23.8	LT	131
117+39		118+62.8	RT	284
118+67.3		121+63	RT	297
121+40		121+62.1	LT	51
248+14.3		249+47.2	RT	135
250+00		250+49	LT	49
EXTRA				300
TOTAL				1777

INLET AND PIPE PROTECTION

STA	OFFSET	LT/RT	EACH
103+87.0	121+59.1	RT	1.00
104+63.0	121+59.1	RT	1.00
EXTRA			5.00
TOTAL			7.00

INLET FILTER

STA	OFFSET	LT/RT	FOOT
110+78.75	121+59.1	RT	1.00
110+88.75	121+59.1	RT	1.00
111+06.00	121+59.1	LT	1.00
111+11.00	121+59.1	RT	1.00
111+50.00	121+59.1	LT	1.00
113+00.00	121+59.1	LT	1.00
113+00.00	121+59.1	RT	1.00
115+50.00	121+59.1	LT	1.00
115+50.00	121+59.1	RT	1.00
115+60.00	121+59.1	LT	1.00
115+60.00	121+59.1	RT	1.00
117+10.00	121+59.1	LT	1.00
117+10.00	121+59.1	RT	1.00
248+04.50	121+59.1	LT	1.00
248+04.50	121+59.1	RT	1.00
248+75.00	121+59.1	RT	1.00
248+78.50	121+59.1	LT	1.00
TOTAL			23.00

CHAIN LINK FENCE, 4'

STA	TO	STA	DIRECTION	LENGTH (FT)
110+00.0		121+59.1	RT	868.00
TOTAL				868.00

SIGN PANEL, TYPE 1

STA	TO	OFFSET	LT/RT	SQ FT
250+80.00		40.4	RT	6.75
110+31.17		44.7	RT	8.25
248+75.00		49.4	LT	6.75
109+10.00		37.4	LT	8.25
108+65.0		28.5	RT	5
110+98.0		26'	LT	5
248+10.0		20'	LT	3
248+25.0		22.5'	LT	3
248+40.0		25'	LT	3
249+05.0		29'	RT	9
250+75.0		30'	LT	9
TOTAL				67

RELOCATE SIGN PANEL ASSEMBLY - TYPE A

STA	0	OFFSET	LT/RT	EACH
112+05.0		31	RT	1
112+05.0		31	RT	1
TOTAL				2

BARRIER WALL MARKERS, TYPE C

STA	TO	STA	EACH
110+00.00		121+67.00	160
TOTAL			160

PLAN SURVEYED \_\_\_\_\_ DATE \_\_\_\_\_  
 ALIGNED CHECKED \_\_\_\_\_  
 RT. OF WAY CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_  
 FILE NAME \_\_\_\_\_

PROFILE SURVEYED \_\_\_\_\_ DATE \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 B.M. NOTED \_\_\_\_\_  
 STRUCTURE NOTATIONS CHECKED \_\_\_\_\_  
 NO. \_\_\_\_\_

**TREE, ACER SACCHARINUM (SILVER MAPLE), CONTAINER GROWN, 5-GALLON**

STA	OFFSET	DIRECTION	EACH
112+95.0	27	LT	1
113+15.0	27	LT	1
113+95.0	27	LT	1
114+68.0	27	LT	1
114+95.0	27	LT	1
TOTAL			5

**REMOVE AND RESET EXISTING STREET LIGHTS**

STA	OFFSET	DIRECTION	EACH
109+65.70	43.3	LT	1.00
TOTAL			1.00

**INSTALL WOOD SIGN SUPPORT**

STA	OFFSET	DIRECTION	FEET
248+10.0	20'	LT	14
248+25.0	22.5'	LT	14
248+40.0	25'	LT	14
249+05.0	29'	RT	15
250+75.0	30'	LT	14
TOTAL			71

**CHAIN LINK FENCE REMOVAL**

STA	TO STA	DIRECTION	FEET
113+01.0	121+59.1	RT	868.0
TOTAL			868.0

**IMPACT ATTENUATORS, TEMPORARY (FULLOY REDIRECTIVE, NARROW), TEST LEVEL 2**

STA	TO STA	EACH
110+00.00	121+67.00	2
TOTAL		2

**IMPACT ATTENUATORS, TEMPORARY (FULLOY REDIRECTIVE, NARROW), TEST LEVEL 3**

STA	TO STA	EACH
110+00.00	121+67.00	1
TOTAL		1

FILE NAME = 01353687-SHT-SCH-02.DGN

USER NAME = mlopez  
 DESIGNED - JC  
 DRAWN - BH  
 CHECKED - DW  
 DATE - 03-28-2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
 SCHEDULE OF QUANTITIES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	12
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**PAVEMENT SCHEDULE**

LOCATION	SUBBASE GRANULAR MATERIAL TYPE B 4" (SQ YD)	SUBBASE GRANULAR MATERIAL TYPE B 6" (SQ YD)	SUBBASE GRANULAR MATERIAL TYPE B 12" (SQ YD)		HOT-MIX ASPHALT BASE COURSE 7" (SQ YD)		HOT-MIX ASPHALT BASE COURSE 8" (SQ YD)		BITUMINOUS MATERIALS (PRIME COAT) (GAL)	AGGREGATE (PRIME COAT) (TON)	LEVELING BINDER HAND METHOD, N50 (TON)	LEVELING BINDER MACHINE METHOD, N50 (TON)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SQ YD)	HOT-MIX ASPHALT BIND. COURSE IL-19.0, N50 (TON)	HOT-MIX ASPHALT SURF. COURSE MIX "C", N50 (TON)	HOT-MIX ASPHALT SURF. COURSE MIX "D", N50 (TON)	PCC SIDEWALK 5 INCH (SQ FT)	PCC DRIVEWAY PAVEMENT 8 INCH (SQ YD)	DETECTABLE WARNINGS (SQ FT)	PAVEMENT REMOVAL (SQ YD)		DRIVEWAY PAVEMENT REMOVAL (SQ YD)	
			LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT												LEFT	RIGHT		
JOLIET ROAD (WEST)																							
STA. 107+93.00 TO STA. 109+89.87	46.5		192.5	90.4	118.3	43.7			601.3	12.8	15.0	716.0	80.0	52.1	9.8	135.6	418.5				2.2	3.3	675.0
JOLIET ROAD (EAST)																							
STA. 110+00.00 TO STA. 118+65.00	253.6	488.2	382.0	1145.8	64.5	803.8	280.0			54.0			47.0	211.1	7.0	406.4	2282.3	488.0	208.0		43.2		
MADISON STREET																							
STA. 247+80.00 TO STA. 249+77.94			139.3	80.9	96.3	15.5			98.7	3.2	28.0	75.3	56.0	29.8	9.0	97.1							13.0
STA. 249+77.94 TO STA. 251+85.00	48.8		133.1	124.5	44.8	62.2						72.3	77.0			102.5	439.2				18.4	3.9	
EXTRA TOTAL																							
	349	488	2289		1249		280	700	16	100	890	260	302	36	764	3140	488	208		84		675	

LOCATION	COMBINATION CONCRETE CURB AND GUTTER REMOVAL (FOOT)		SIDEWALK REMOVAL (SQ FT)		PAVED SHOULDER REMOVAL (SQ YD)		CLASS D PATCHES TYPE II 11 INCH (SQ YD)	CLASS D PATCHES TYPE III 11 INCH (SQ YD)	CLASS D PATCHES TYPE III 14 INCH (SQ YD)	STRIP REFLECTIVE CRACK CONTROL TREATMENT (FOOT)		COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12 (FOOT)		COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24 (FOOT)		SURFACE REMOVAL, VAR. DEPTH SPECIAL (SQ YD)
	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT				LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT	
JOLIET ROAD (WEST)																
STA. 107+93.00 TO STA. 109+89.87	46.1	49.1	53.4				62.0	21.0	15.0	165.9	58.7		186.4	118.2		607.4
JOLIET ROAD (EAST)																
STA. 110+00.00 TO STA. 118+65.00	268.1	112.1	349.7	13.5	459.0					213.5	861.8	361.2	798.6	858.8		1368.9
MADISON STREET																
STA. 247+80.00 TO STA. 249+77.94	125.1	181.4								128.0	81.1	27.0	33.0	89.6	148.9	377.0
STA. 249+77.94 TO STA. 251+85.00	209.6	160.4	18.4	11.8						183.0	165.3	20.9	181.2	159.3		536.3
EXTRA TOTAL																
	1152		447		459	62	21	15	1857	442		2541		2890		

**PAVEMENT MARKING SCHEDULE**

LOCATION	THERMOPLASTIC PAVEMENT MARKING - (HMA PAVEMENT SURFACE)											RAISED REFLECTIVE PAVEMENT MARKER (EACH)	RECESSED REFLECTIVE PAVEMENT MARKER (EACH)	PAVEMENT MARKING REMOVAL (SQ FT)
	LETTERS AND SYMBOLS (SQ FT)	LINE - 4"		CROSSWALK SOLID WHITE (FOOT)	LINE - 6"		LINE - 12"		LINE - 24" STOP BAR WHITE (FOOT)	DIAGONALS SOLID WHITE (FOOT)	YELLOW (FOOT)			
		MEDIAN LINE SOLID YELLOW (FOOT)	EDGE LINE SOLID WHITE		LANE LINE									
			LEFT (FOOT)		RIGHT (FOOT)	6'-2" SKIP-DASH WHITE (FOOT)	SOLID WHITE (FOOT)							
JOLIET ROAD (WEST)														
STA. 102+77.00 TO STA. 104+21.00		491	132	118				19				10		204
STA. 107+93.00 TO STA. 109+98.87	36.4	1516	345	333		50	273	49	47	49	34			873
JOLIET ROAD (EAST)														
STA. 110+00.00 TO STA. 118+65.00	36.4	3120				177	50	398	112	87	49	55		1171
MADISON STREET														
STA. 247+80.00 TO STA. 249+78.00	36.4	662					18	257	134.0			30	23	277
STA. 249+78.00 TO STA. 251+85.00	36.4	641				153	38	157				30	20	498
TOTAL														
	146	7358					1571	448		158	122	20	3023	

PLAN  
 REVISIONS  
 DATE  
 BY  
 CHECKED  
 DATE  
 BY  
 NOTE BOOK NO.  
 ALIGNED  
 CHECKED  
 DATE  
 BY  
 PLOTTED  
 CHECKED  
 DATE  
 BY  
 CADD FILE MADE

PROFILE  
 REVISIONS  
 DATE  
 BY  
 CHECKED  
 DATE  
 BY  
 NOTE BOOK NO.  
 GRADES CHECKED  
 DATE  
 BY  
 STRUCTURE NOTATIONS CHECKED

## DRAINAGE PIPE SCHEDULE

PIPE NUMBER	FROM STRUCTURE NUMBER	TO STRUCTURE NUMBER	PIPE SLOPE %	PIPE SIZE IN	PIPE LENGTH FT	550A0340	550A0380	550A0410	Z0056608	20800150
						STORM SEWER CL A TY 2 12"	STORM SEWER CL A TY 2 18"	STORM SEWER CL A TY 2 24"	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	TRENCH BACKFILL CU YD
						FT	FT	FT	FT	CU YD
P-1	S-1	S-2	0.30	12	65.7				66	9
P-2	S-2	S-3	0.30	12	75.9				76	26
P-3	S-3	S-4	0.30	12	84.2	85				-
P-4	S-5	S-4	0.30	12	6.6	7				1
P-5	S-6	S-5	0.30	12	55.5	56				7
P-6	S-43	S-6	0.30	12	30.9	31				1
P-7	S-7	S-6	0.30	12	44.1	45				6
P-8	S-8	S-5	0.30	12	10.0	10				1
P-9	S-4	S-9	0.30	18	211.6			212		-
P-10	S-10	S-9	0.30	12	6.6	7				1
P-11	S-11	S-10	0.30	12	38.0	38				5
P-12	S-9	S-12	0.30	24	250.0			251		-
P-13	S-13	S-12	0.30	15	6.6	7				1
P-14	S-14	S-13	0.30	12	10.0	10				1
P-15	S-15	S-13	0.30	15	35.8	36				5
P-16	S-16	S-15	0.30	12	10.0	10				1
P-17	S-12	S-17	0.30	24	160.1			161		-
P-18	S-18	S-17	0.30	12	6.6	7				1
P-19	S-19	S-18	0.30	12	31.5	32				4
P-20	S-17	S-20	0.30	24	130.1			131		-
P-21	S-20	S-21	0.30	24	310.8			311		-
P-22	S-21	S-22	0.30	24	47.0	47				36
TOTALS:						381	212	901	142	106

## DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	REFERENCE LINE	STATION	OFFSET	STRUCTURE TYPE	PAY ITEM NUMBER	RIM ELEVATION	ELEVATIONS				REFERENCE DETAIL OR STANDARD SHEET NUMBER	
							INVERTS					
							North	South	East	West		
S-1	CL MADISON STREET	248+79	40.0'	LT	INLETS TA T24F&G	60237470	709.44			707.40		602301-03/604091-02
S-2	CL MADISON STREET	248+75	24.0'	RT	INLETS TB T24F&G	60240328	709.79		707.20		707.20	602306-03/604091-02
S-3	CL JOLIET ROAD EAST	110+05	51.3'	RT	MAN TA 4 DIA T1F CL	60218400	710.79			706.97	706.97	602401-03/604001-03
S-4	CL JOLIET ROAD EAST	110+89	43.6'	RT	MAN TA 4 DIA T1F CL	60218400	709.61	706.25 (NE)		706.72 (SW)	707.62 (NW)	602401-03/604001-03
S-5	CL JOLIET ROAD EAST	110+89	36.0'	RT	INLETS TB T24F&G	60240328	710.11			707.64 (SW)	707.78 (NW)	602306-03/604091-02
S-6	CL JOLIET ROAD EAST	111+06	14.8'	LT	INLETS TB T24F&G	60240328	710.63		707.95	707.95	707.95	602306-03/604091-02
S-7	CL JOLIET ROAD EAST	111+50	12.0'	LT	INLETS TA T24F&G	60237470	710.77			708.08 (SW)		602301-03/604091-02
S-8	CL JOLIET ROAD EAST	110+79	36.0'	RT	INLETS TA T24F&G	60237470	710.17		707.67 (NE)			602301-03/604091-02
S-9	CL JOLIET ROAD EAST	113+00	31.6'	RT	MAN TA 5 DIA T1F CL	60221100	710.59	705.62 (NE)		705.62 (SW)	708.48 (NW)	602401-03/604001-03
S-10	CL JOLIET ROAD EAST	113+00	24.0'	RT	INLETS TB T24F&G	60240328	711.00			708.50 (SE)	708.50 (NW)	602306-03/604091-02
S-11	CL JOLIET ROAD EAST	113+00	12.0'	LT	INLETS TA T24F&G	60237470	711.24			708.61 (SE)		602301-03/604091-02
S-12	CL JOLIET ROAD EAST	115+50	29.3'	RT	MAN TA 5 DIA T1F CL	60221100	712.44	704.87 (NE)		704.87 (SW)	709.43 (NW)	602401-03/604001-03
S-13	CL JOLIET ROAD EAST	115+50	21.8'	RT	INLETS TB T24F&G	60240328	711.96		704.89 (NE)	704.89 (SE)	709.46 (NW)	602306-03/604091-02
S-14	CL JOLIET ROAD EAST	115+60	21.5'	RT	INLETS TA T24F&G	60237470	711.99			709.49 (SW)		602301-03/604091-02
S-15	CL JOLIET ROAD EAST	115+50	12.0'	LT	INLETS TB T24F&G	60240328	712.16	705.00 (NE)		709.57 (SE)		602306-03/604091-02
S-16	CL JOLIET ROAD EAST	115+60	12.0'	LT	INLETS TA T24F&G	60237470	712.18			709.68 (SW)		602301-03/604091-02
S-17	CL JOLIET ROAD EAST	117+10	25.1'	RT	MAN TA 5 DIA T1F CL	60221100	713.48	704.39 (NE)		704.39 (SW)	710.23 (NW)	602401-03/604001-03
S-18	CL JOLIET ROAD EAST	117+10	17.5'	RT	INLETS TB T24F&G	60240328	712.75			710.25 (SE)	710.25 (NW)	602306-03/604091-02
S-19	CL JOLIET ROAD WEST	117+10	12.0'	LT	INLETS TA T24F&G	60237470	712.86			710.34 (SE)		602301-03/604091-02
S-20	CL JOLIET ROAD EAST	118+40	30.0'	RT	MAN TA 5 DIA T8G	60221700	713.22	704.00 (NE)		704.00 (SW)		602401-03/604036-02
S-21	CL JOLIET ROAD EAST	121+50	30.0'	RT	MAN TA 5 DIA T1F CL	60221100	711.41			703.09 (SW)	703.09 (NW)	602401-03/604001-03
S-22	CL JOLIET ROAD EAST	121+51	21.5'	LT	PRC FLAR END SEC 24	54213669				702.95		542301-03
S-23	CL MADISON STREET	247+97	0.8'	RT	MAN ADJUST	60255500	710.51					
S-24	CL MADISON STREET	248+05	13.5'	LT	INLETS ADJUST	60260100	710.25					
S-25	CL MADISON STREET	248+05	13.5'	RT	INLETS ADJUST	60260100	710.26					
S-26	CL MADISON STREET	248+63	11.5'	LT	MAN ADJUST	60255500	710.02					
S-27	CL MADISON STREET	248+78	48.1'	LT	MAN ADJUST	60255500	710.20					
S-28	CL MADISON STREET	250+92	24.0'	LT	INLETS ADJUST	60260100	707.87					
S-29	CL MADISON STREET	250+87	20.4'	RT	VV ADJUST	60265700	708.21					
S-30	CL MADISON STREET	250+74	13.0'	RT	VV ADJUST	60265700	708.47					
S-31	CL MADISON STREET	250+62	9.3'	RT	MAN ADJUST	60255500	708.89					
S-32	CL MADISON STREET	250+67	33.4'	RT	VV ADJUST	60265700	708.28					
S-33	CL MADISON STREET	250+23	6.8'	RT	MAN ADJUST	60255500	710.11					
S-34	CL JOLIET ROAD EAST	110+59	7.9'	LT	MAN ADJUST	60255500	710.82					
S-35	CL JOLIET ROAD EAST	110+49	5.5'	LT	MAN ADJUST	60255500	710.90					
S-36	CL JOLIET ROAD EAST	110+56	21.4'	RT	MAN ADJUST	60255500	710.56					
S-37	CL JOLIET ROAD EAST	113+42	9.5'	LT	MAN ADJUST	60255500	711.42					
S-38	CL JOLIET ROAD EAST	113+82	21.4'	RT	MAN ADJUST	60255500	711.31					
S-39	CL JOLIET ROAD EAST	113+85	27.5'	LT	MAN ADJUST	60255500	710.69					
S-40	CL JOLIET ROAD EAST	115+95	8.0'	LT	MAN ADJUST	60255500	712.34					
S-41	CL JOLIET ROAD EAST	117+16	17.8'	LT	VV ADJUST	60265700	712.92					
S-42	CL JOLIET ROAD EAST	118+40	8.5'	LT	MAN ADJUST	60255500	713.56					
S-43	CL JOLIET ROAD EAST	111+30	35.1'	LT	INLETS ADJUST	60260100	713.56					
S-44	CL MADISON STREET	251+04	37.8'	LT	INLETS ADJUST	60260100	706.40					
S-45	CL JOLIET ROAD WEST	109+65	48.2'	LT	MAN ADJUST	60255500	710.20					
S-46	CL JOLIET ROAD WEST	109+72	50.6'	LT	MAN ADJUST	60255500	710.20					

## EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
<b>JOLIET ROAD (WEST)</b> STA. 107+93.0 TO STA. 109+89.87	146	109	46	63
<b>JOLIET ROAD (EAST)</b> STA. 110+00.0 TO STA. 118+65.0	879	659	302	358
<b>MADISON STREET (SOUTH)</b> STA. 247+80.0 TO STA. 249+78.0	136	102	2	100
<b>MADISON STREET (NORTH)</b> STA. 249+78.0 TO STA. 252+17.0	203	152	2	150
<b>TOTAL</b>	1363	1022	352	670

SHRINKAGE FACTORS  
EARTH EXCAVATION 25%  
NOTE:  
CUTS AND FILLS HAVE BEEN ADJUSTED FOR TOPSOIL PLACEMENT.

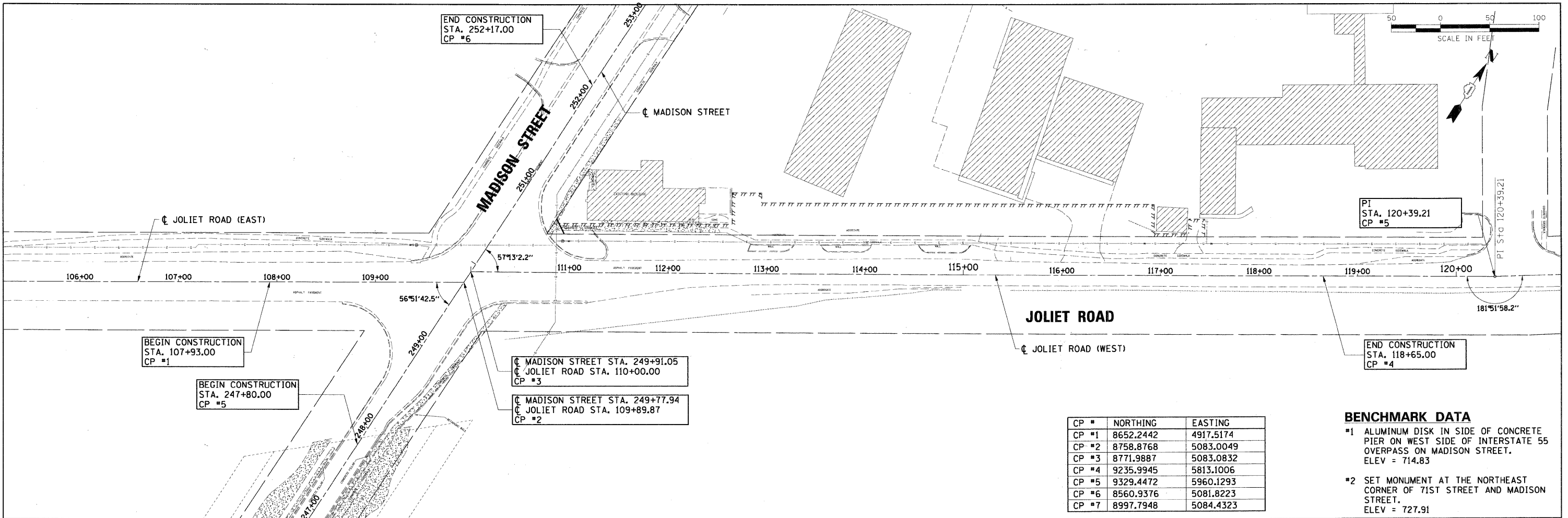
- NOTE:  
1. INLET RIM ELEVATIONS, OFFSETS, AND STATION LOCATIONS ARE CALLED OUT AT THE EDGE OF PAVEMENT. ALL OTHER DRAINAGE STRUCTURE LOCATIONS ARE CALLED OUT TO THE CENTER OF STRUCTURE.  
2. THE CONTRACT UNIT PRICE FOR INLETS ADJUST SHALL INCLUDE ALL WORK NECESSARY TO RECONNECT STRUCTURE TO STORM SEWER SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR EXCAVATION, PATCHING DRAINAGE STRUCTURE, CONNECTING TO PROPOSED OR EXISTING PIPES, ETC.

PLAN  
 SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NOTE: BOOK NO. \_\_\_\_\_  
 FILE: \_\_\_\_\_

PROFILE  
 SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 NOTE: BOOK NO. \_\_\_\_\_  
 FILE: \_\_\_\_\_

PLAN  
 SURVEYED BY  
 ALIGNED CHECKED  
 NOTE BOOK NO.  
 FILE NAME

PROFILE  
 SURVEYED BY  
 GRADES CHECKED  
 NOTE BOOK NO.  
 STRUCTURE, NOTATIONS, ETC.

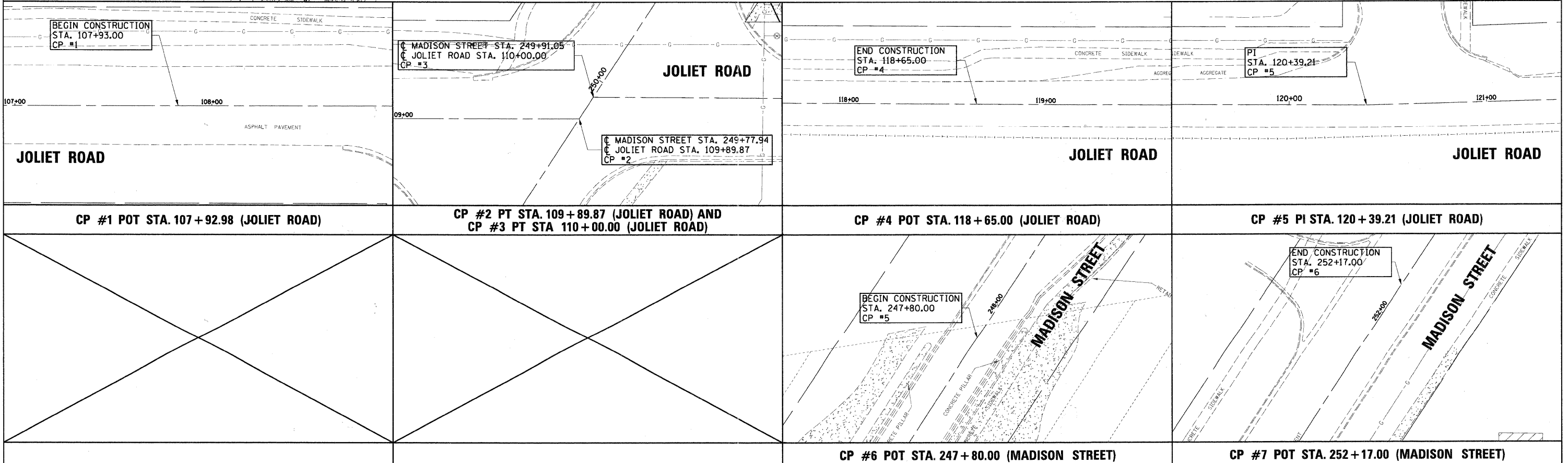


CP #	NORTHING	EASTING
CP #1	8652.2442	4917.5174
CP #2	8758.8768	5083.0049
CP #3	8771.9887	5083.0832
CP #4	9235.9945	5813.1006
CP #5	9329.4472	5960.1293
CP #6	8560.9376	5081.8223
CP #7	8997.7948	5084.4323

**BENCHMARK DATA**

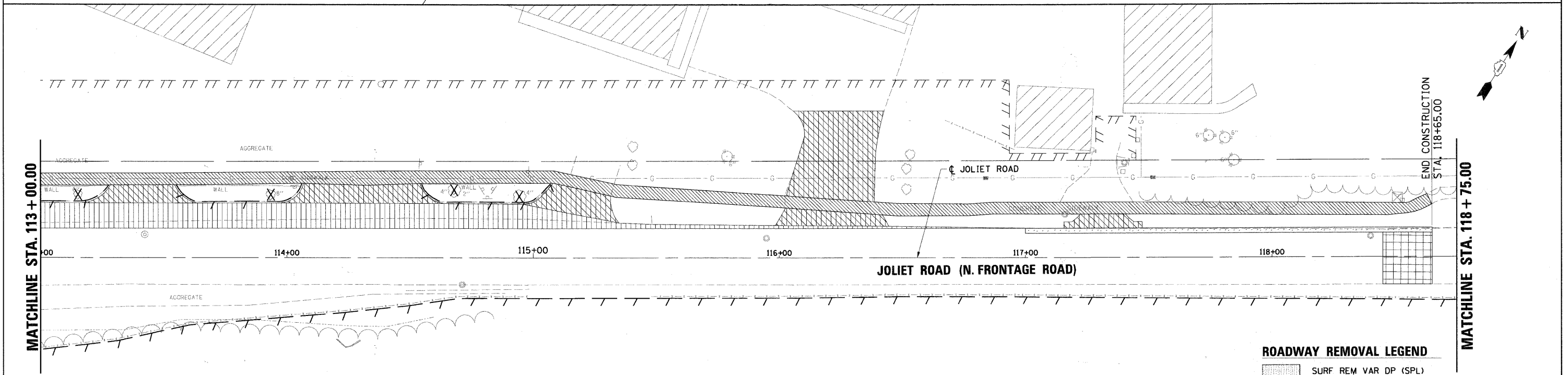
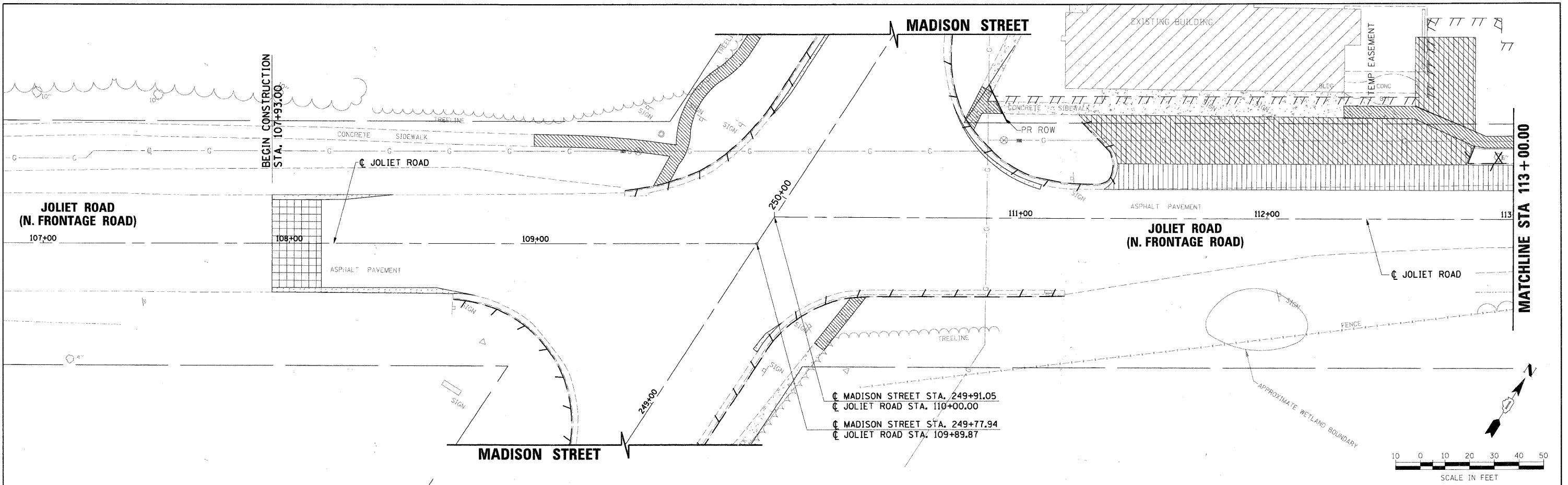
#1 ALUMINUM DISK IN SIDE OF CONCRETE PIER ON WEST SIDE OF INTERSTATE 55 OVERPASS ON MADISON STREET. ELEV = 714.83

#2 SET MONUMENT AT THE NORTHEAST CORNER OF 71ST STREET AND MADISON STREET. ELEV = 727.91



PLAN	BY	DATE
NO.		
NO.		
NO.		
NO.		

PROFILE	BY	DATE
NO.		
NO.		
NO.		
NO.		



**ROADWAY REMOVAL LEGEND**

[Pattern]	SURF REM VAR DP (SPL)
[Pattern]	SIDEWALK REMOVAL
[Pattern]	BUTT JOINT
[Pattern]	PAVED SHLD REMOVAL
[Pattern]	DRIVE PAVEMENT REM
[Pattern]	COMB CURB GUTTER REM
[Pattern]	FENCE REMOVAL
X	TREE REMOVAL

FILE NAME = D:\353897-SHT-REM-01.DGN

USER NAME = malopez  
 PLOT SCALE = \*SCALE\*  
 PLOT DATE = 3/28/2011

DESIGNED - JC  
 DRAWN - ML  
 CHECKED - BH  
 DATE - 03-28-2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
 REMOVAL PLANS**

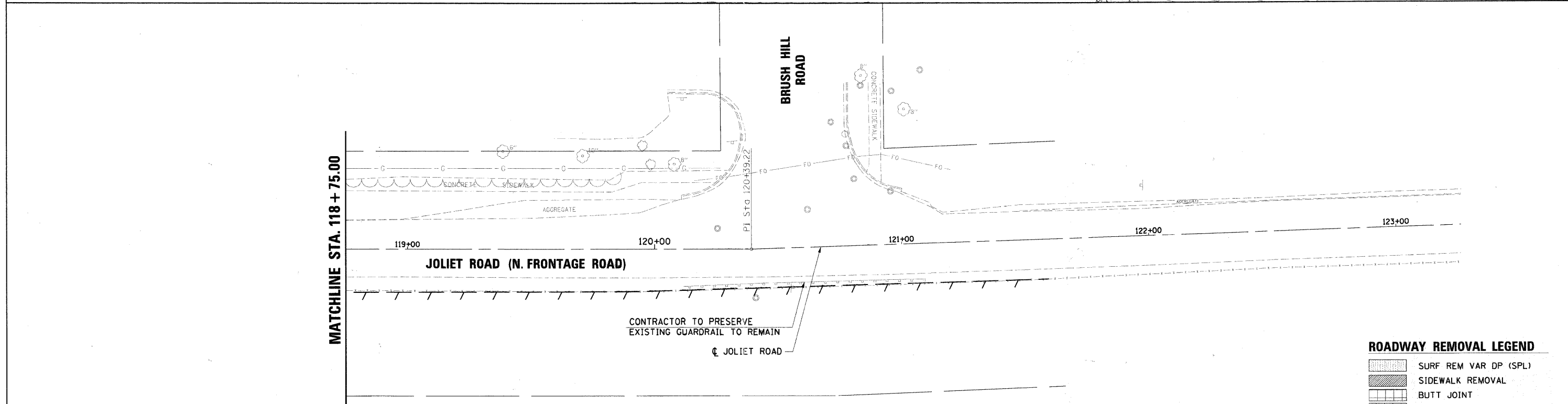
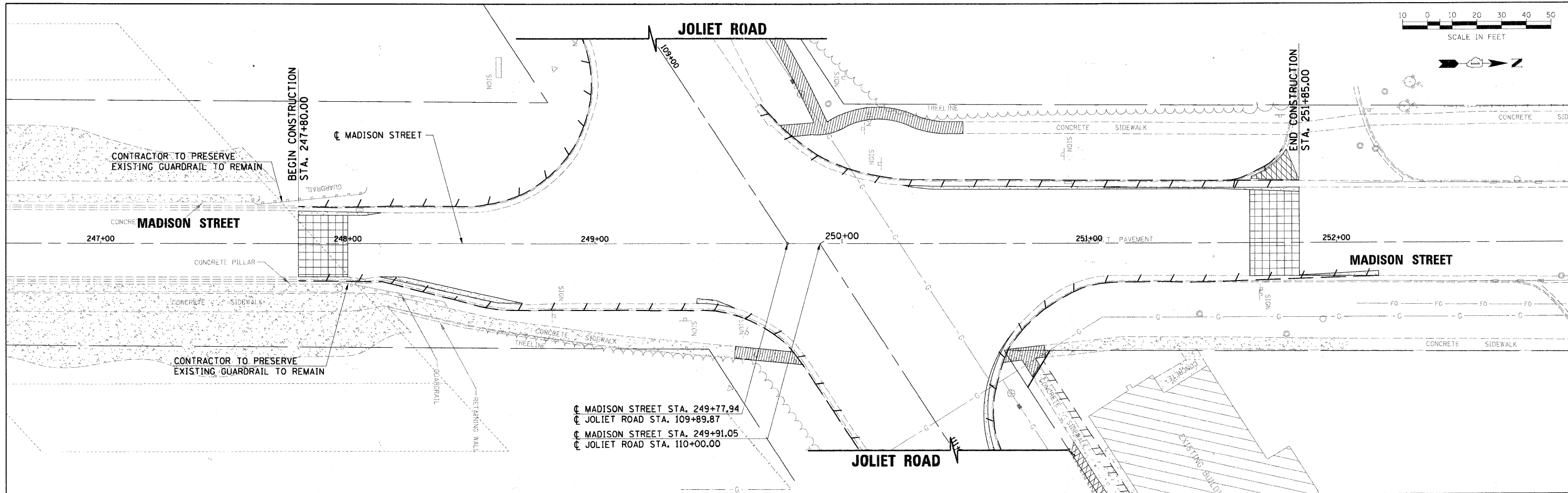
SCALE: 1" = 20'    SHEET NO. 1 OF 2 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	16
CONTRACT NO. 63581				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



DATE	
BY	
REVIEWED	
NOTED	
ALIGNMENT CHECKED	
GRADES CHECKED	
DATE CHECKED	
ADD. FILE NAME	
NO.	

DATE	
BY	
REVIEWED	
NOTED	
GRADES CHECKED	
DATE CHECKED	
ADD. FILE NAME	
NO.	



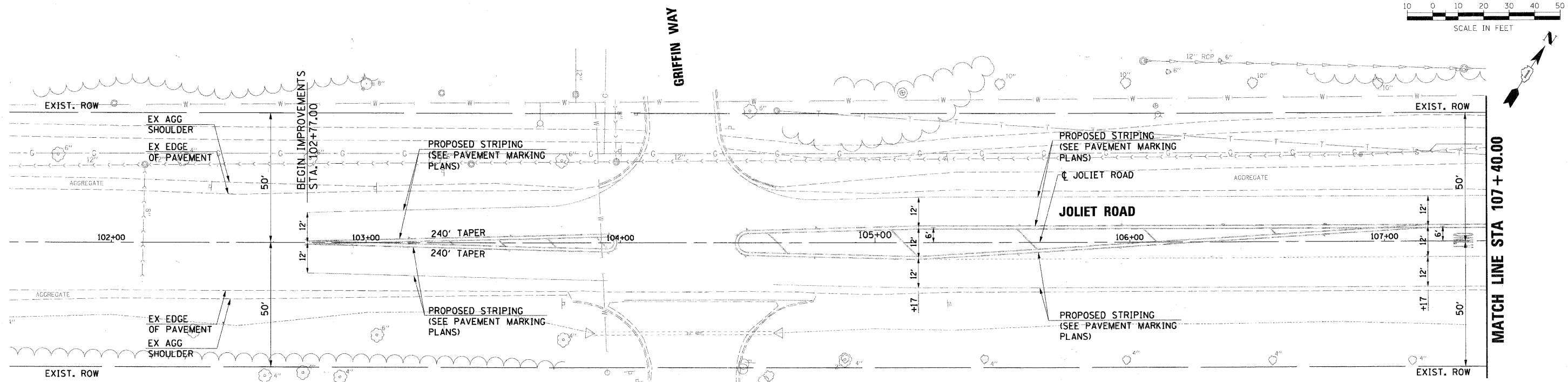
**ROADWAY REMOVAL LEGEND**

	SURF REM VAR DP (SPL)
	SIDEWALK REMOVAL
	BUTT JOINT
	PAVED SHLD REMOVAL
	DRIVE PAVEMENT REM
	COMB CURB GUTTER REM
	FENCE REMOVAL
	TREE REMOVAL

FILE NAME = D1353887-SHT-REM-02.DGN	USER NAME = malopez	DESIGNED - JC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST REMOVAL PLANS</b>	F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 17		
	PLOT SCALE = *SCALE*	CHECKED - BH	REVISED -			SCALE: 1" = 20'	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 63581		
	PLOT DATE = 3/28/2011	DATE - 03-28-2011	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

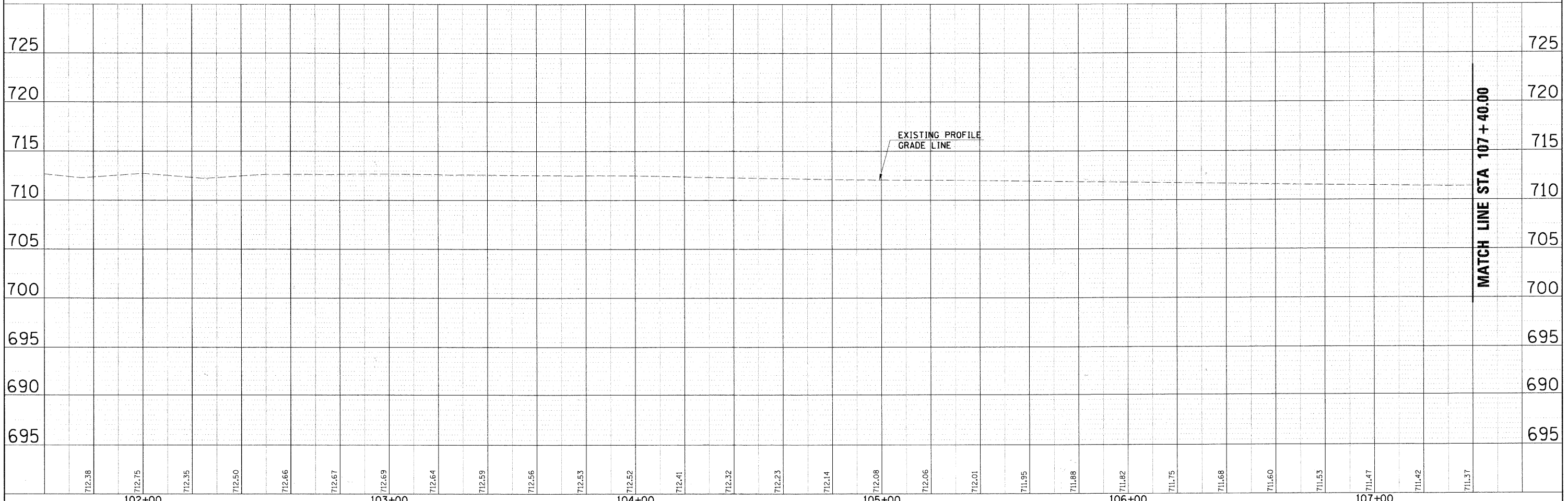
PLAN SURVEYED BY DATE  
 ALIGNED CHECKED  
 NOTE BOOK NO. OF WAY CHECKED  
 NO. FILE NAME

PROFILE SURVEYED BY DATE  
 GRADES CHECKED  
 NOTE BOOK NO. NOTED  
 NO. STRUCTURE NOTINGS CIP/D



- PROPOSED ROADWAY LEGEND**
- A HMA SC "D" N50, 2"
  - B HMA BC IL-19.0 N50, 2 1/4"
  - C HMA BASE CSE 7
  - D SUB GRAN MAT B 12
  - E COMB CC&G TB6.12
  - F COMB CC&G TB6.24
  - G PC CONC SIDEWALK 5
  - H SUB GRAN MAT B 4
  - I LEV BIND HM N50
  - J LEV BINB MM N50
  - K SURF REM VAR DP (SPL)
  - L CH LK FENCE 4
  - M HMA SC "C" N50, 2"
  - N HMA BASE CSE 8
  - O SUB GRAN MAT B 6
  - P PCC DRIVEWAY PAVT 8

**LEGEND**  
 [Symbol] INDICATES DEPRESSED CURB

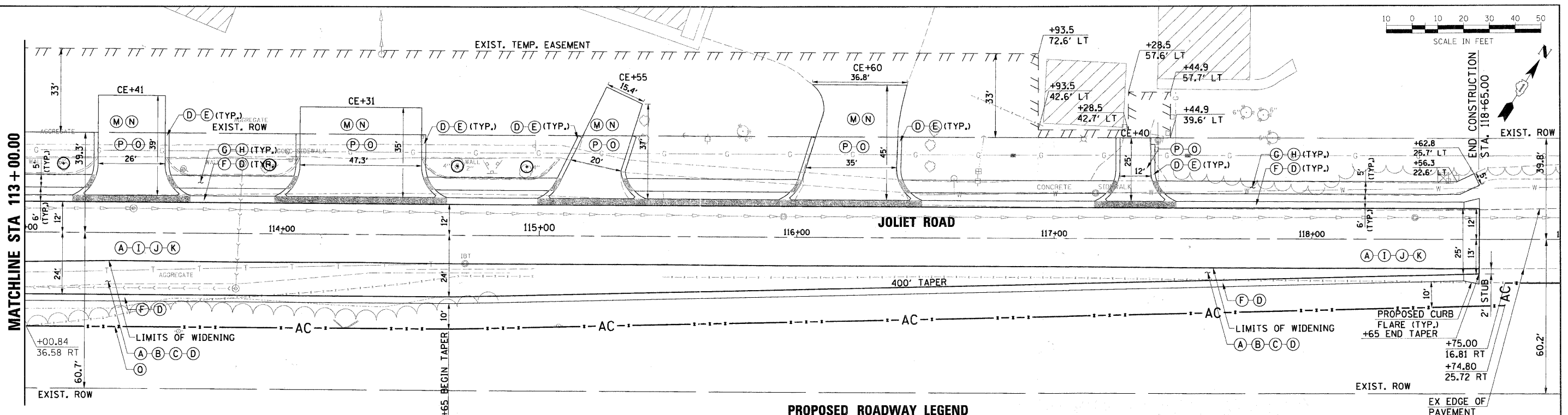


FILE NAME = D1353887-SHT-PLAN-01.DGN	USER NAME = mlopez	DESIGNED - JC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST PLAN AND PROFILE</b>	F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 18	
PLOT SCALE = #SCALE#	CHECKED - DW	REVISED -	REVISED -			SCALE: 1"=20'(H)5'(V) SHEET NO. 1 OF 4 SHEETS	STA. 101+60.00 TO STA. 107+40.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63581	
PLOT DATE = 3/28/2011	DATE - 03-28-2011	REVISED -	REVISED -								



PLAN  
 SURVEYED  
 PLOTTED  
 ALIGNED CHECKED  
 NOTE BOOK NO.  
 DATE

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

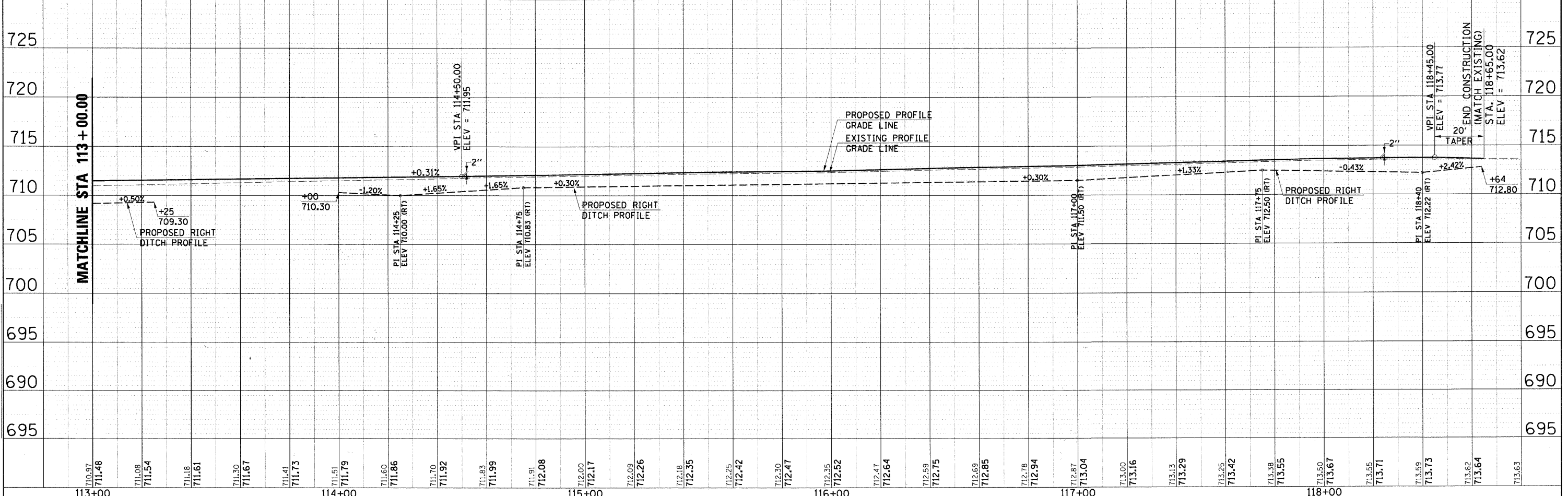


**PROPOSED ROADWAY LEGEND**

- (A) HMA SC "D" N50, 2"
- (B) HMA BC IL-19.0 N50, 2 1/4"
- (C) HMA BASE CSE 7
- (D) SUB GRAN MAT B 12
- (E) COMB CC&G TB6.12
- (F) COMB CC&G TB6.24
- (G) PC CONC SIDEWALK 5
- (H) SUB GRAN MAT B 4
- (I) LEV BIND HM N50
- (J) LEV BINB MM N50
- (K) SURF REM VAR DP (SPL)
- (M) HMA SC "C" N50, 2"
- (N) HMA BASE CSE 8
- (O) SUB GRAN MAT B 6
- (P) PCC DRIVEWAY PAVT 8
- (Q) CH LK FENCE 4

**LEGEND**

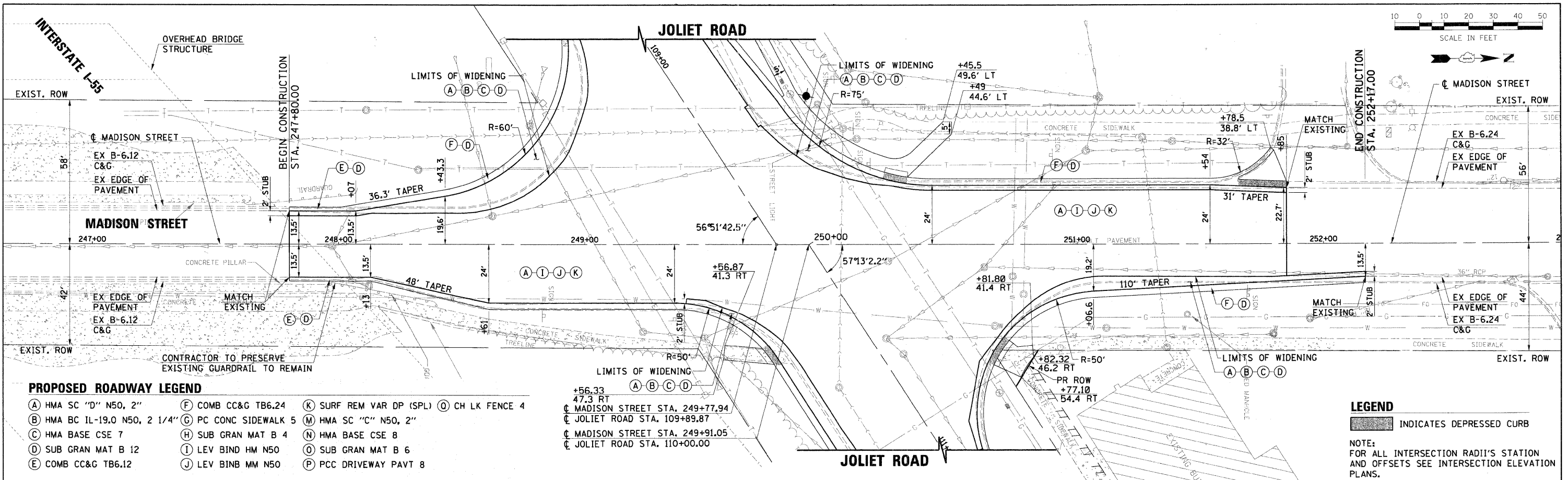
INDICATES DEPRESSED CURB  
 NOTE:  
 FOR ALL INTERSECTION RADII'S STATION AND OFFSETS SEE INTERSECTION ELEVATION PLANS.



FILE NAME = D:\363897-SHT-PLAN-03.DGN	USER NAME = malopez	DESIGNED - JC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST PLAN AND PROFILE</b>	F.A.U. R.T.E. = 2674	SECTION = 06-00034-00-PV	COUNTY = DUPAGE	TOTAL SHEETS = 69	SHEET NO. = 20	
PLOT SCALE = 5/8"=1'-0"	CHECKED - DW	REVISED -	REVISED -			SCALE: 1"=20'(H)5'(V) SHEET NO. 3 OF 4 SHEETS	STA. 113+00.00 TO STA. 118+96.39	FED. ROAD DIST. NO. = ILLINOIS	FED. AID PROJECT =	CONTRACT NO. 63581	
PLOT DATE = 3/28/2011	DATE = 03-28-2011	REVISED -	REVISED -								

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ALIGNED \_\_\_\_\_  
 CHECKED \_\_\_\_\_  
 OF PLAN \_\_\_\_\_  
 NO. \_\_\_\_\_

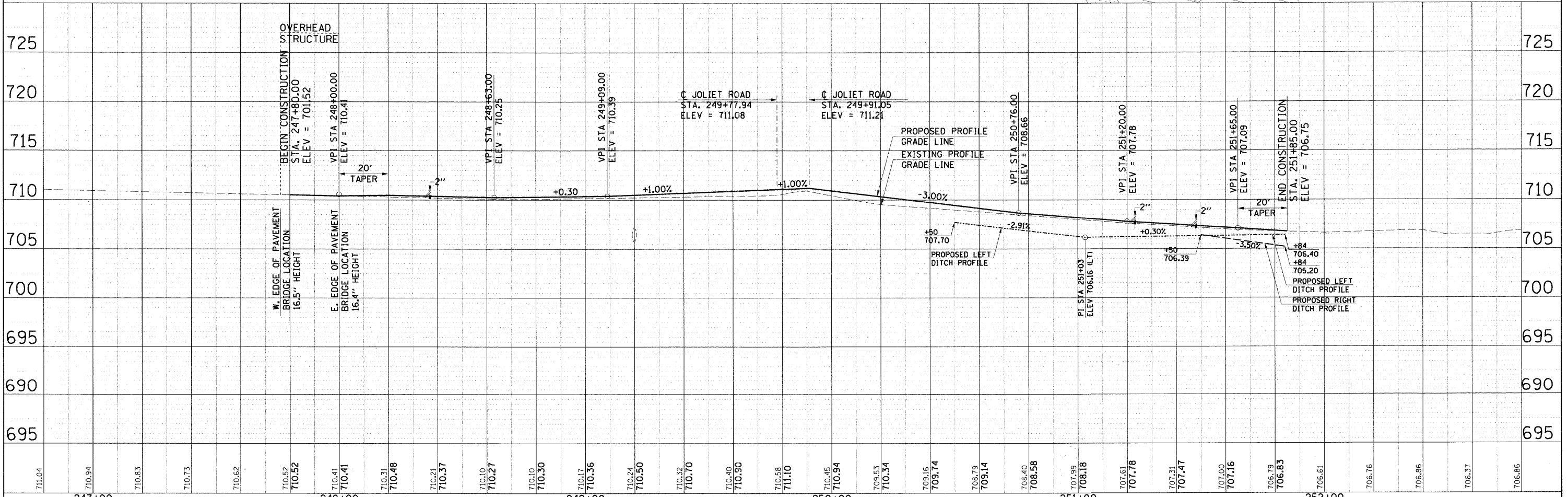
DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 OF PLAN \_\_\_\_\_  
 NO. \_\_\_\_\_



**PROPOSED ROADWAY LEGEND**

- (A) HMA SC "D" N50, 2"
- (B) HMA BC IL-19.0 N50, 2 1/4"
- (C) HMA BASE CSE 7
- (D) SUB GRAN MAT B 12
- (E) COMB CC&G TB6.12
- (F) COMB CC&G TB6.24
- (G) PC CONC SIDEWALK 5
- (H) SUB GRAN MAT B 4
- (I) LEV BIND HM N50
- (J) LEV BINB MM N50
- (K) SURF REM VAR DP (SPL)
- (M) HMA SC "C" N50, 2"
- (N) HMA BASE CSE 8
- (O) SUB GRAN MAT B 6
- (P) PCC DRIVEWAY PAVT 8
- (Q) CH LK FENCE 4

**LEGEND**  
 [Symbol] INDICATES DEPRESSED CURB  
 NOTE:  
 FOR ALL INTERSECTION RADII'S STATION AND OFFSETS SEE INTERSECTION ELEVATION PLANS.



FILE NAME = 01353897-SHT-PLAN-04.DGN	USER NAME = molopez	DESIGNED - JC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST PLANS</b>	F.A.U. RTE. = 2674	SECTION = 06-00034-00-PV	COUNTY = DUPAGE	TOTAL SHEETS = 69	SHEET NO. = 21		
PILOT SCALE = 1"=40'	CHECKED - DW	DATE = 03-28-2011	REVISED -			SCALE: 1"=20'(H)5'(V)	SHEET NO. 4 OF 4 SHEETS	STA. 246+63.70 TO STA. 252+96.30	FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT	CONTRACT NO. 63581		

**TRAFFIC CONTROL GENERAL NOTES**

- 1 THE MAINTENANCE OF TRAFFIC CONTROL DEPICTED HERE IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY THE IDOT HIGHWAY STANDARDS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MOST CURRENT VERSION), THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE COST OF THE LUMP SUM PAY ITEM "TRAFFIC CONTROL AND PROTECTION, (SPECIAL)" UNLESS OTHERWISE INDICATED IN THE PLAN OR SPECIAL PROVISIONS.
- 2 ALL CONSTRUCTION SIGNS, BARRICADES AND OTHER DEVICES REQUIRED TO CONTROL TRAFFIC SHALL BE FURNISHED, INSTALLED, MAINTAINED AND REMOVED BY THE CONTRACTOR.
- 3 ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, THE POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.
- 4 THE FIRST TWO WARNING SIGNS ON EACH APPROACH SHALL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS AS REQUIRED BY IDOT HIGHWAY STANDARDS, THE MUTCD AND AS DIRECTED BY THE ENGINEER.
- 5 CONTRACTOR TO MAINTAIN ALL DRIVEWAYS TO PROVIDE ACCESS TO ALL PROPERTIES DURING CONSTRUCTION AT ALL TIMES. SEE SPECIAL PROVISIONS FOR ADDITIONAL DETAILS.
- 6 THE CONTRACTOR SHALL NOTIFY THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO STARTING WORK.
- 7 THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.
- 8 THE CONTRACTOR SHALL USE TEMPORARY PAVEMENT MARKING ON SURFACES TO BE REMOVED AND IN AREAS THAT DO NOT CONFLICT WITH OTHER STAGES.
- 9 THE CONTRACTOR SHALL USE WET REFLECTIVE TEMPORARY TAPE, TYPE III, ON EXISTING SURFACES TO REMAIN, AREAS IN CONFLICT WITH OTHER STAGES, AND PERMANENT SURFACES. THIS WORK SHALL BE PAID FOR AS TEMPORARY PAVEMENT MARKING OF THE WIDTH SPECIFIED.
- 10 4 INCH SOLID WHITE PAVEMENT MARKING LINES SHALL BE USED TO DEFINE EDGE LINE WHERE CURB AND GUTTER DOES NOT EXIST.
- 11 4 INCH SOLID DOUBLE YELLOW PAVEMENT MARKING LINES ARE TO BE USED TO SEPARATE OPPOSING TRAFFIC LANES.
- 12 ALL DOUBLE YELLOW CENTERLINE MARKING LINES SHALL BE SPACED AT 11 INCHES CENTER TO CENTER.
- 13 24 INCH SOLID WHITE PAVEMENT MARKING LINES ARE TO BE USED FOR STOP BARS.
- 14 ALL TYPE II BARRICADES, DRUMS, AND VERTICAL BARRICADES SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURNING LIGHTS.
- 15 ALL TYPE II BARRICADES, VERTICAL PANELS, AND DRUMS SHALL BE SPACED AT MAXIMUM 50 FEET CENTER TO CENTER THROUGHOUT THE WORK ZONE, EXCEPT IN TAPER AREAS, GORE AREAS, AND ALONG CORNER RADII, WHERE THEY SHALL BE SPACED AT MAXIMUM 25 FEET CENTER TO CENTER.
- 16 ALL CONSTRUCTION WARNING SIGNS SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
- 17 ALL "ROAD CONSTRUCTION AHEAD" WARNING SIGNS W20-1103(0)-48 SHALL BE EQUIPPED WITH HIGH INTENSITY FLASHING LIGHTS.
- 18 EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS DIRECTED BY THE ENGINEER.
- 19 DIRECTION INDICATOR BARRICADES SHALL BE USED AT TAPER LOCATIONS AS DIRECTED BY THE ENGINEER.
- 20 TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE 'A' LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINE OF THE SUPPORTS.
- 21 CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IMMEDIATELY BEHIND THE TYPE III BARRICADES AT ANY TIME.
- 22 AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL BACKFILL OR COVER ALL OPEN TRENCHES AND EXCAVATION HOLES IN ORDER TO PROVIDE A SAFE CONDITION FOR MOTORISTS AND THE PUBLIC DURING NON-WORKING HOURS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- 23 PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE LOCATED ON EACH APPROACH LEG TO THE JOLIET ROAD AT MADISON STREET INTERSECTION THROUGHOUT THE DURATION OF THE PROJECT. THE EXACT LOCATION AND MESSAGE SHALL BE APPROVED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR CHANGEABLE MESSAGE SIGN.
- 24 CONTRACTOR IS REQUIRED TO INSTALL TEMPORARY CONCRETE BARRIER FOR DRAINAGE STRUCTURE AND STORM SEWER INSTALLATION ON JOLIET ROAD EAST OF THE INTERSECTION DURING EXCAVATION OPERATIONS. TEMPORARY CONCRETE BARRIER TO BE INSTALLED ON JOLIET ROAD AND ON I-55 AS DIRECTED BY THE ENGINEER. ADDITIONAL MOT SIGNAGE AND APPURTENANCES, GRANULAR BASE FOR IMPACT ATTENUATORS TO BE PROVIDED, MAINTAINED AND REMOVED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT FOR THIS WORK.

-DENOTES ITEMS AND WORK, NOT PAID FOR SEPARATELY.

**SUGGESTED STAGING SEQUENCE**

**STAGE 1**

**CONSTRUCTION:**

- 1 CONSTRUCT PROPOSED IMPROVEMENTS SOUTH OF JOLIET ROAD.
- 2 CONSTRUCT PROPOSED IMPROVEMENTS EAST OF MADISON STREET.
- 3 DO NOT CONSTRUCT HMA SURFACE COURSE.

**TRAFFIC:**

- 1 INTERSECTION WILL OPERATE AS A STOP CONTROLLED INTERSECTION.
- 2 MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES.
- 3 SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS FOR DRAINAGE CONSTRUCTION DURING THIS STAGE.

**STAGE 2**

**CONSTRUCTION:**

- 1 CONSTRUCT PROPOSED IMPROVEMENTS NORTH OF JOLIET ROAD.
- 2 CONSTRUCT PROPOSED IMPROVEMENTS WEST OF MADISON STREET.
- 3 DO NOT CONSTRUCT HMA SURFACE COURSE.

**TRAFFIC:**

- 1 INTERSECTION WILL OPERATE AS A STOP CONTROLLED INTERSECTION.
- 2 MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AT ALL TIMES.

**STAGE 3**

**CONSTRUCTION:**

- 1 MILL EXISTING HMA PAVEMENT AS NEEDED FOR OVERLAY.
- 2 PLACE HMA SURFACE COURSE.
- 3 COMPLETE FINAL PAVEMENT MARKINGS.

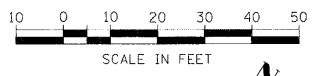
**TRAFFIC:**

- 1 INTERSECTION WILL OPERATE AS A STOP CONTROLLED INTERSECTION.
- 2 ADDITIONAL BARRICADES, SIGNING AND TRAFFIC CONTROL DEVICES WILL BE NEEDED TO FACILITATE INTERSECTION OPERATIONS.
- 3 UTILIZE TRAFFIC CONTROL STANDARDS 701301, 701311, 701501, 701901, THE MUTCD AND AS DIRECTED BY THE ENGINEER.

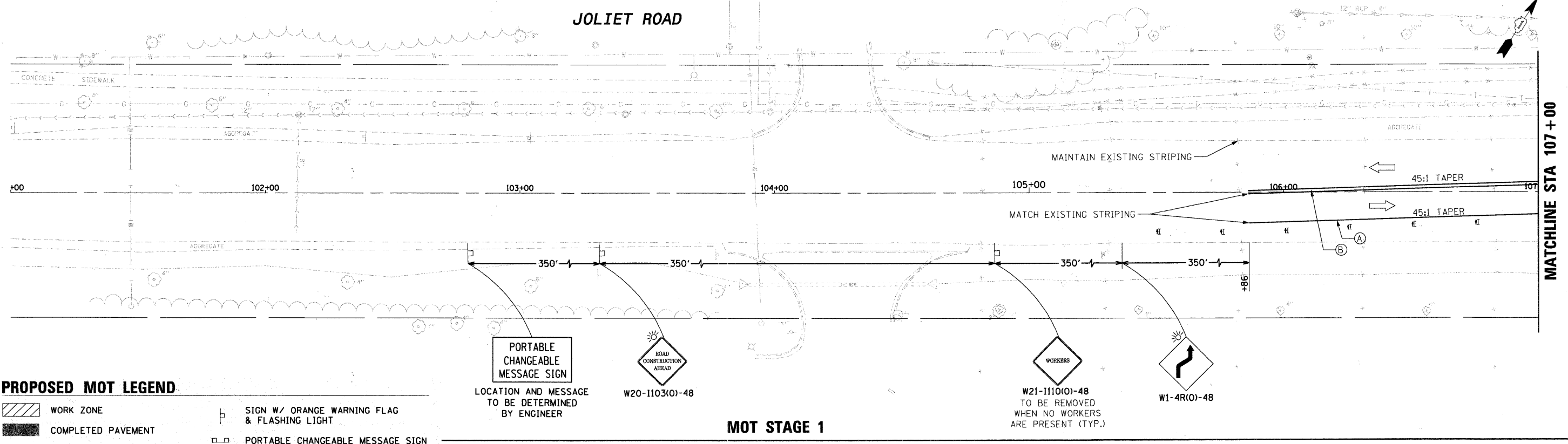
PLAN	SURVEYED	DATE
	ALIGNED	
NOTE BOOK NO.	CHECKED	
	BY	
	PAID FILE NAME	

PROFILE	SURVEYED	DATE
	ALIGNED	
NOTE BOOK NO.	CHECKED	
	BY	
	NOTATION: CHRD	

FILE NAME = 01353887-SHT-MOT-02.DGN	USER NAME = bhenrich	DESIGNED - DW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST SUGGESTED MOT GENERAL NOTES</b>	F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 22		
	PLOT SCALE = #SCALE#	CHECKED - JC	REVISED -			SCALE: NTS	SHEET NO. 1 OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 63581			
	PLOT DATE = 6/22/2011	DATE - 03-28-2011	REVISED -									
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT												



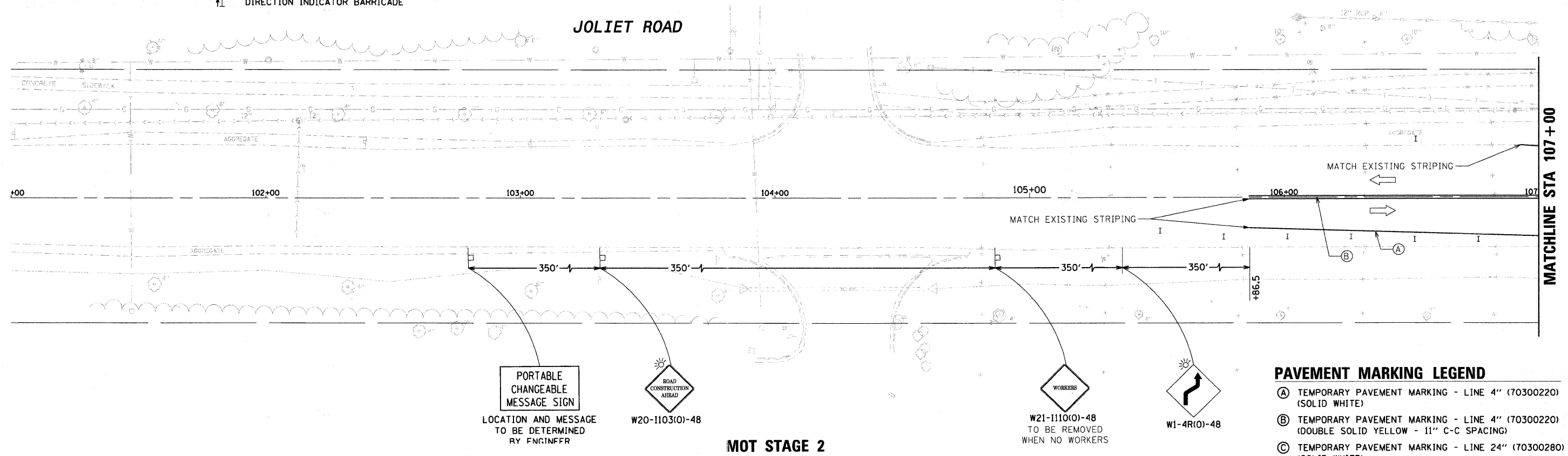
PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	NO.	
	CADD FILE NAME	



**PROPOSED MOT LEGEND**

- WORK ZONE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC FLOW
- TYPE II BARRICADE OR DRUM
- SIGN W/ ORANGE WARNING FLAG & FLASHING LIGHT
- PORTABLE CHANGEABLE MESSAGE SIGN
- TYPE III BARRICADE WITH TWO FLASHING AMBER LIGHTS
- DIRECTION INDICATOR BARRICADE

PROFILE	SURVEYED	DATE
	CHECKED	
	BY	
	NO. OF WAYS CHECKED	
	NO.	
	STRUCTURE NOTATIONS CHECKED	



**PAVEMENT MARKING LEGEND**

- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (70300220) (SOLID WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 4" (70300220) (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (C) TEMPORARY PAVEMENT MARKING - LINE 24" (70300280) (SOLID WHITE)

FILE NAME = 01353887-SHT-MOT-01.DGN

USER NAME = bhenrich	DESIGNED - DW	REVISED -
	DRAWN - DW	REVISED -
PLOT SCALE = #SCALE#	CHECKED - JC	REVISED -
PLOT DATE = 6/22/2011	DATE - 03-28-2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

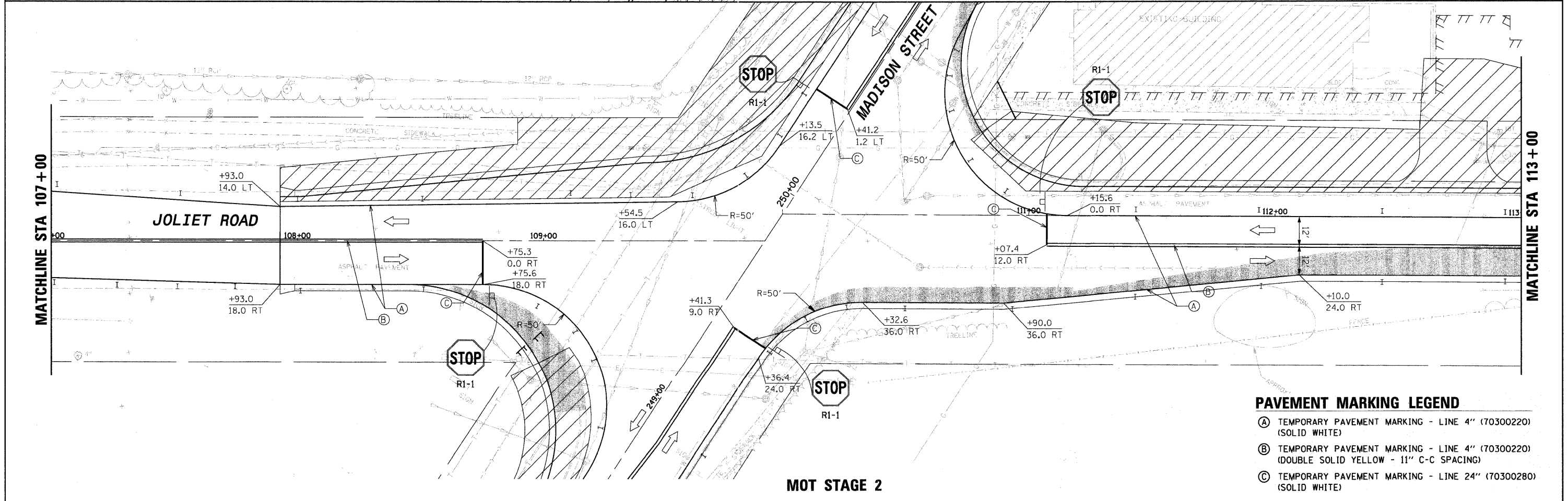
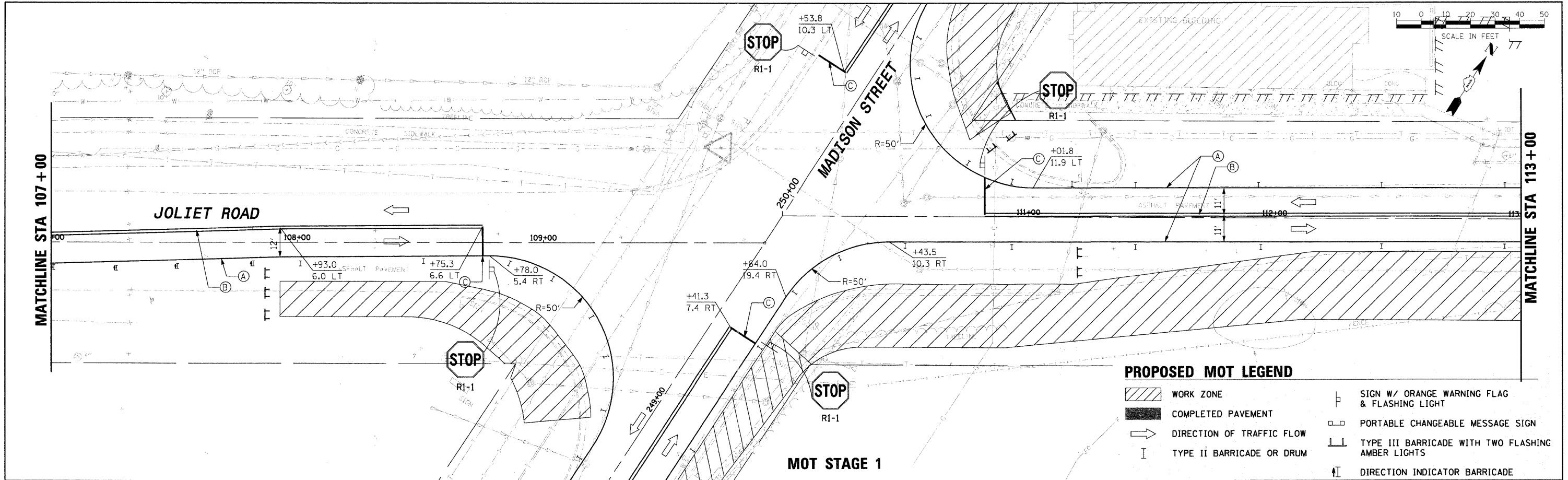
**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
SUGGESTED MAINTENANCE OF TRAFFIC PLANS STAGE 1 & 2**

SCALE: NTS SHEET NO. 1 OF 6 SHEETS STA. 101+00.00 TO STA. 107+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV		69	23
CONTRACT NO. 63581				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

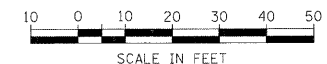
PLAN	SURVEYED	DATE
	ALIGNED	BY
	CHECKED	
	RT. OF WAY	
	CHECKED	
	NO.	
	ADD. FILE NAME	

PROFILE	SURVEYED	DATE
	ALIGNED	BY
	CHECKED	
	NO.	
	STRUCTURE	
	NOTATIONS	
	CHNG	



FILE NAME = D1353887-SHT-MOT-02.DGN	USER NAME = bhanrich	DESIGNED - DW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST SUGGESTED MAINTENANCE OF TRAFFIC PLANS STAGE 1 &amp; 2</b>	F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 24			
PLOT SCALE = #SCALE#	CHECKED - JC	REVISED -	SCALE: NTS			SHEET NO. 2 OF 6 SHEETS	STA. 107+00.00 TO STA. 113+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63581			
PLOT DATE = 6/22/2011	DATE - 03-28-2011	REVISED -											

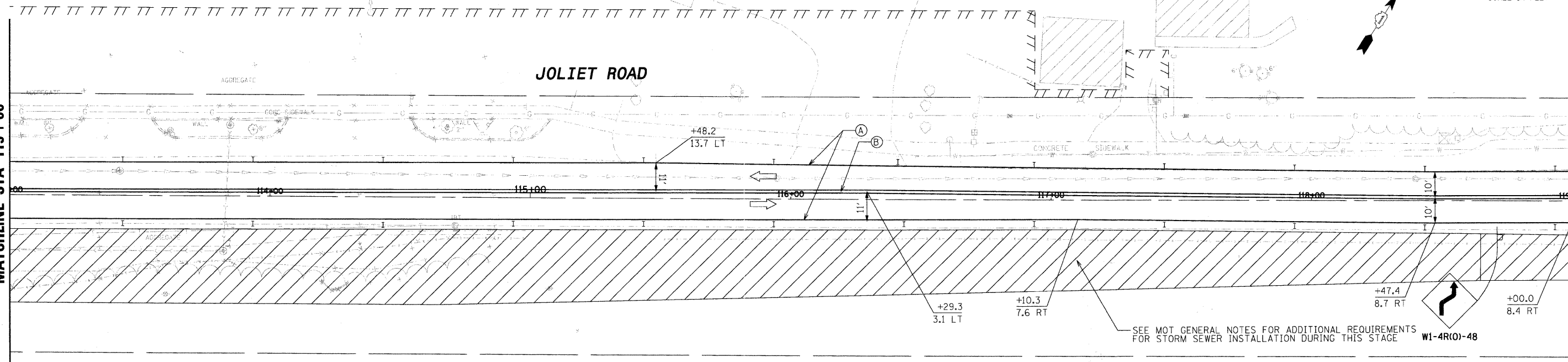




PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO.	

MATCHLINE STA 113+00

MATCHLINE STA 119+00



**PROPOSED MOT LEGEND**

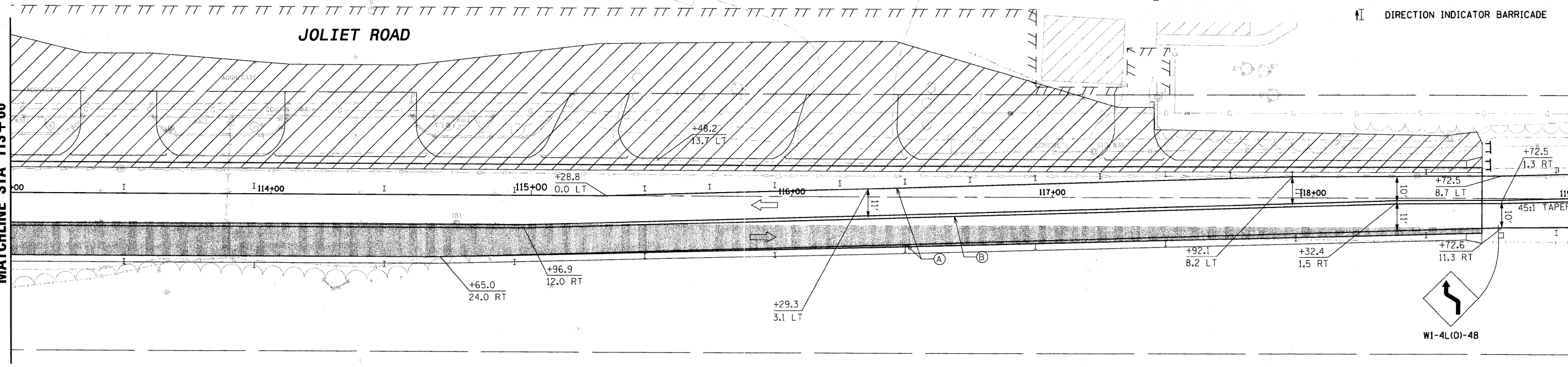
- WORK ZONE
- COMPLETED PAVEMENT
- DIRECTION OF TRAFFIC FLOW
- TYPE II BARRICADE OR DRUM
- SIGN W/ ORANGE WARNING FLAG & FLASHING LIGHT
- PORTABLE CHANGEABLE MESSAGE SIGN
- TYPE III BARRICADE WITH TWO FLASHING AMBER LIGHTS
- DIRECTION INDICATOR BARRICADE

**MOT STAGE 1**

PROFILE	SURVEYED	DATE
	PLotted	
	CHECKED	
	BY	
	NO.	

MATCHLINE STA 113+00

MATCHLINE STA 119+00



**PAVEMENT MARKING LEGEND**

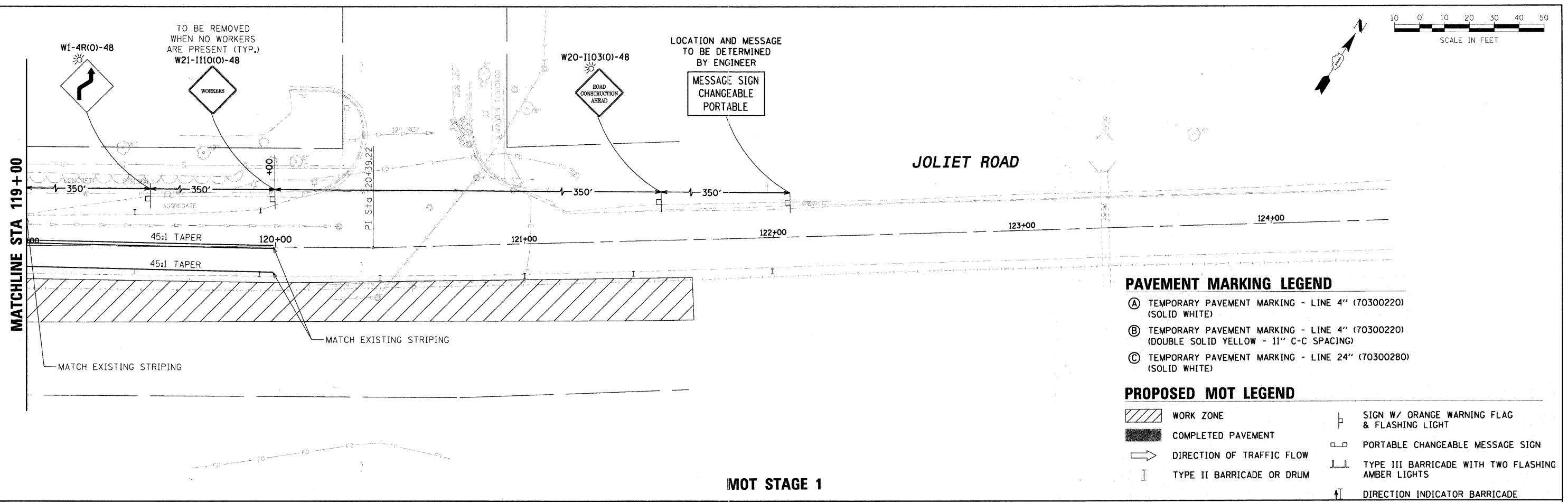
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (70300220) (SOLID WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 4" (70300220) (DOUBLE SOLID YELLOW - 11" C-C SPACING)
- (C) TEMPORARY PAVEMENT MARKING - LINE 24" (70300280) (SOLID WHITE)

**MOT STAGE 2**

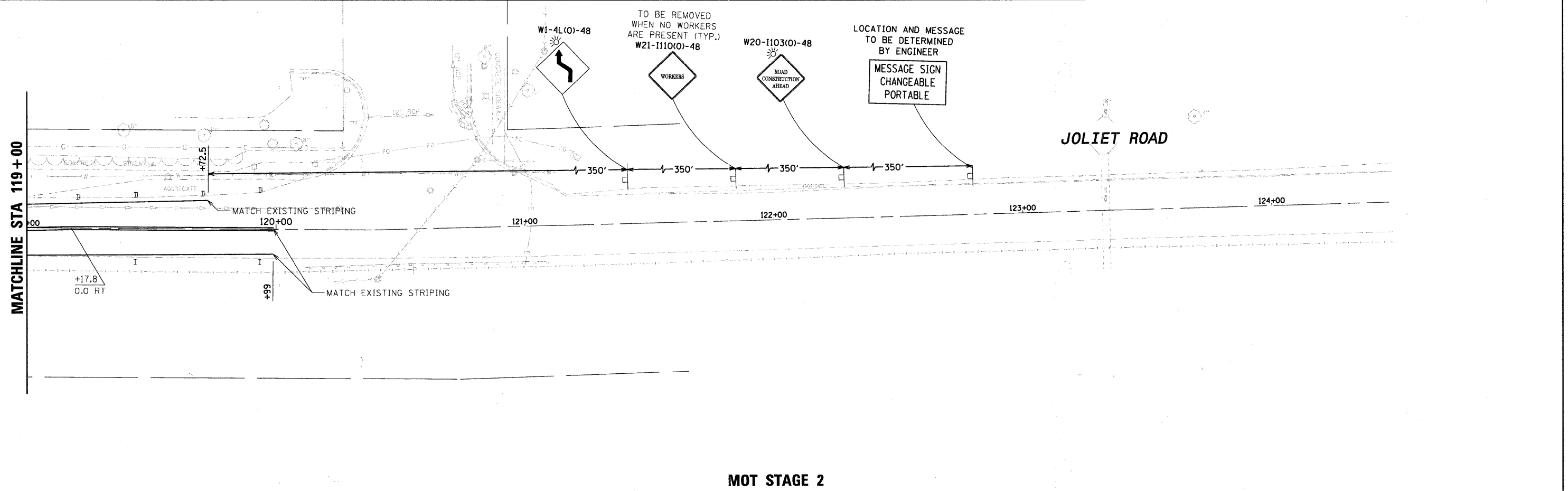
FILE NAME = 01353887-SHT-MOT-03.DGN	USER NAME = bhanrich	DESIGNED - DW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST SUGGESTED MAINTENANCE OF TRAFFIC PLANS STAGE 1 &amp; 2</b>	F.A.U. RTE. = 2674	SECTION = 06-00034-00-PV	COUNTY = DUPAGE	TOTAL SHEETS = 69	SHEET NO. = 25			
PILOT SCALE = *SCALE*	CHECKED - JC	REVISED -	SCALE: NTS			SHEET NO. 3 OF 6 SHEETS	STA. 113+00.00 TO STA. 119+00.00	FED. ROAD DIST. NO. = ILLINOIS	FED. AID PROJECT	CONTRACT NO. 63581			
PILOT DATE = 6/22/2011	DATE = 03-28-2011	REVISED -											

PLAN	BY	DATE
SURVEYED		
ALIGNED		
CHECKED		
RT. OF WAY CHECKED		
NO. _____		
PAID FILE NAME		

PROFILE	BY	DATE
SURVEYED		
ALIGNED		
CHECKED		
RT. OF WAY CHECKED		
NO. _____		
STRUCTURE NOTATION CRKD		



**MOT STAGE 1**



**MOT STAGE 2**

FILE NAME = D1353887-SHT-MOT-04.DGN	USER NAME = bhenrich	DESIGNED - DW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST SUGGESTED MAINTENANCE OF TRAFFIC PLANS STAGE 1 &amp; 2</b>			F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 26
PLOT SCALE = #SCALE#	CHECKED - JC	REVISED -	REVISED -		SCALE: NTS	SHEET NO. 4 OF 6 SHEETS	STA. 119+00.00 TO STA. 125+00.00	CONTRACT NO. 63581				
PLOT DATE = 6/22/2011	DATE - 03-28-2011	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

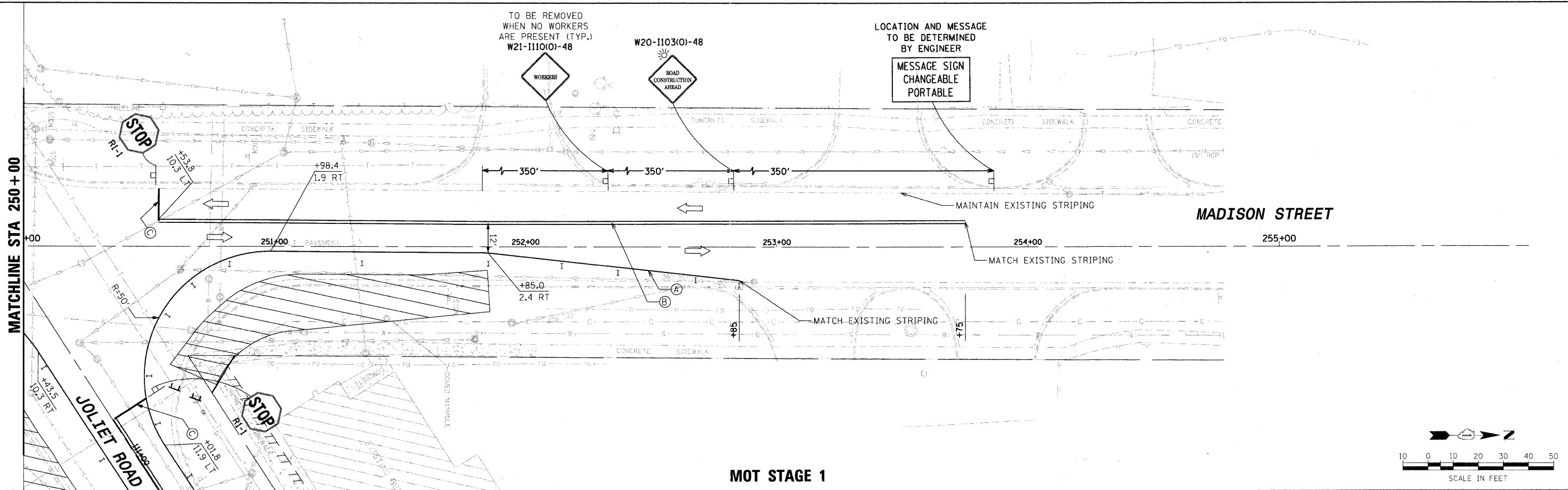


PLAN	SURVEYED	DATE
	ALIGNED	BY
	RT. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	NO.	

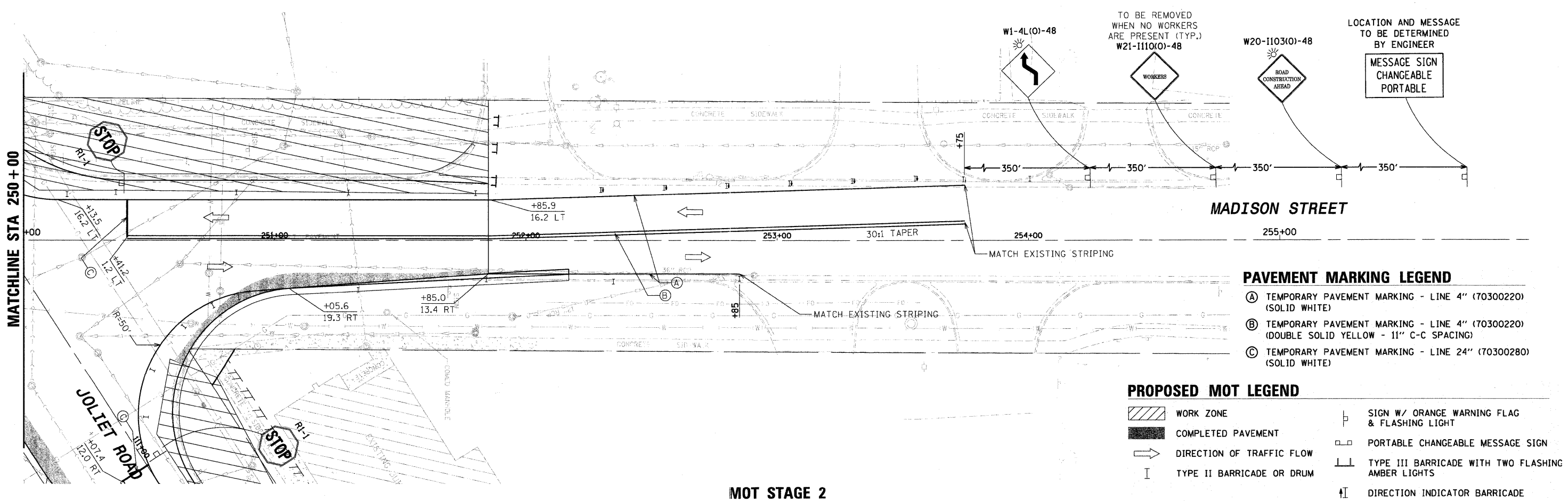
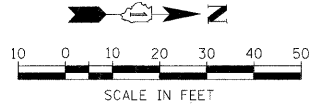
PROFILE	SURVEYED	DATE
	ALIGNED	BY
	RT. OF WAY CHECKED	
	NO. OF WAY CHECKED	
	NO.	

MATCHLINE STA 250+00

MATCHLINE STA 250+00



MOT STAGE 1



MOT STAGE 2

- PAVEMENT MARKING LEGEND**
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (70300220) (SOLID WHITE)
  - (B) TEMPORARY PAVEMENT MARKING - LINE 4" (70300220) (DOUBLE SOLID YELLOW - 11" C-C SPACING)
  - (C) TEMPORARY PAVEMENT MARKING - LINE 24" (70300280) (SOLID WHITE)

- PROPOSED MOT LEGEND**
- WORK ZONE
  - COMPLETED PAVEMENT
  - DIRECTION OF TRAFFIC FLOW
  - TYPE II BARRICADE OR DRUM
  - SIGN W/ ORANGE WARNING FLAG & FLASHING LIGHT
  - PORTABLE CHANGEABLE MESSAGE SIGN
  - TYPE III BARRICADE WITH TWO FLASHING AMBER LIGHTS
  - DIRECTION INDICATOR BARRICADE

FILE NAME = 01353887-SHT-MOT-06.DGN	USER NAME = bhenrich	DESIGNED - DW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST SUGGESTED MAINTENANCE OF TRAFFIC PLANS STAGE 1 &amp; 2</b>	F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 28
PLOT SCALE = #SCALE#	CHECKED - JC	REVISED -	SCALE: SHEET NO. 6 OF 6 SHEETS			STA. 250+00.00 TO STA. 256+00.00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 63581		
PLOT DATE = 6/22/2011	DATE - 03-28-2011	REVISED -								

PLAN	DESIGNED	DATE
NO.	BY	
	CHECKED	
	ALIGNED	
	FILE NAME	

PROFILE	DESIGNED	DATE
NO.	BY	
	CHECKED	
	GRADES	
	NOTARIES	

**LEGEND**

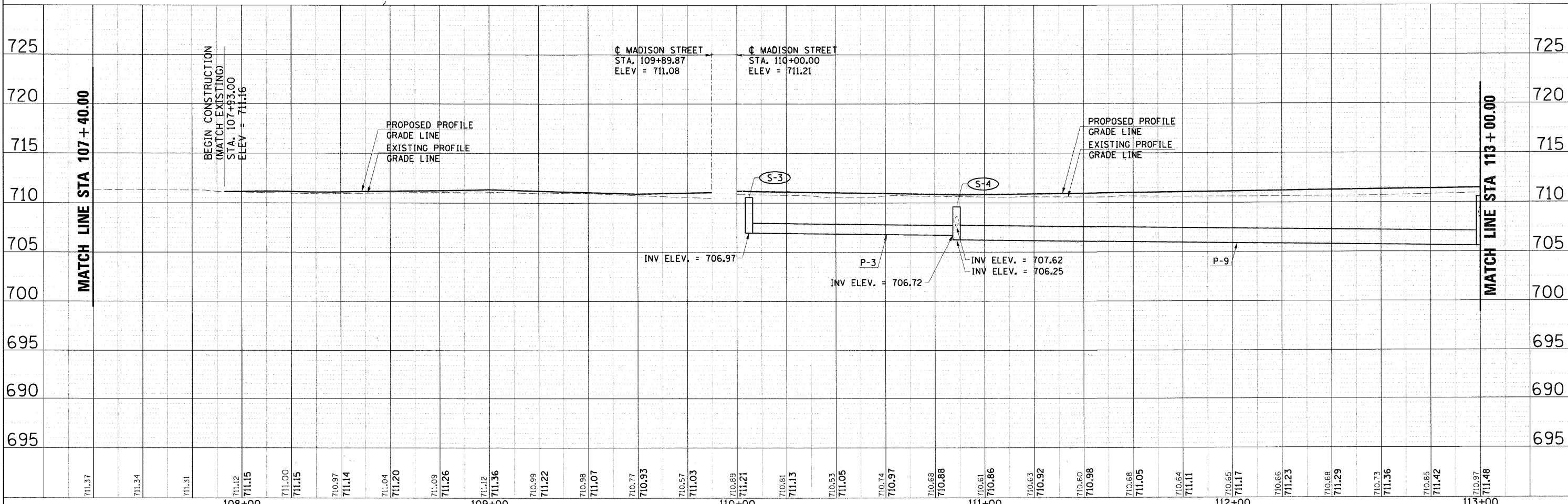
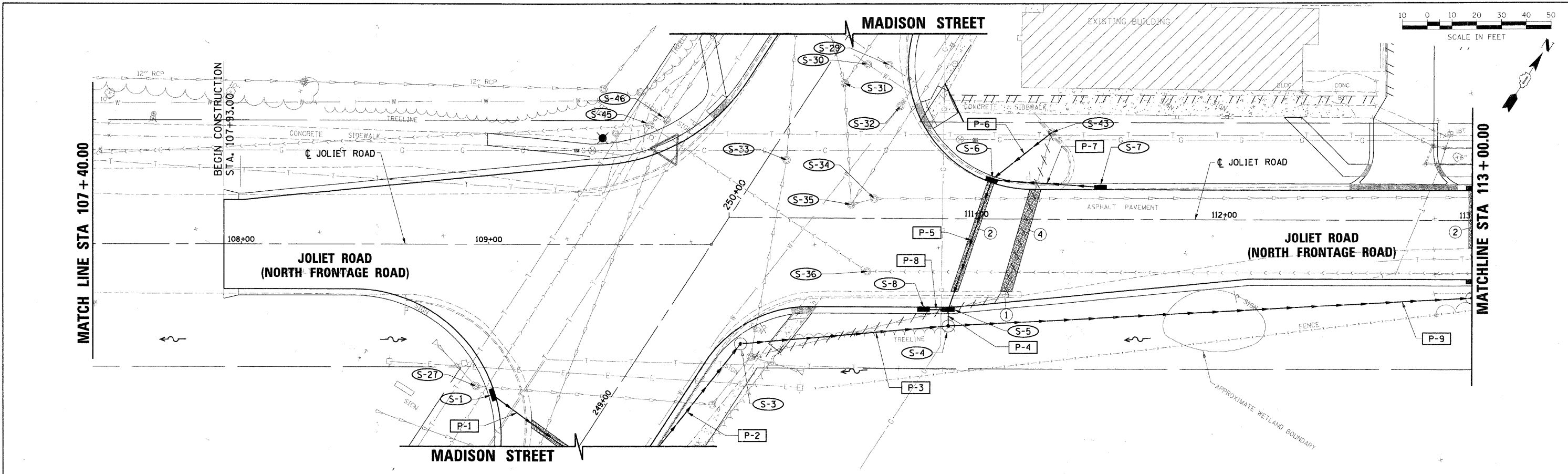
	EXISTING	PROPOSED		EXISTING	PROPOSED
STORM SEWER			MANHOLE		
CULVERT END SECTION			SWALE		
HEADWALL ENDWALL			DITCH		
INLET			OUTLET		
RIP-RAP					
PIPE CALL OUT					
STRUCTURE CALL OUT					

**REMOVAL LEGEND**

STORM SEWER REMOVAL	
CLASS D PATCHES	
① REMOVING INLETS	
② CL D PATCH T2 11	
③ CL D PATCH T3 14	
④ CL D PATCH T3 11	

PLAN	REVISIONS	DATE
NO.	BY	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	

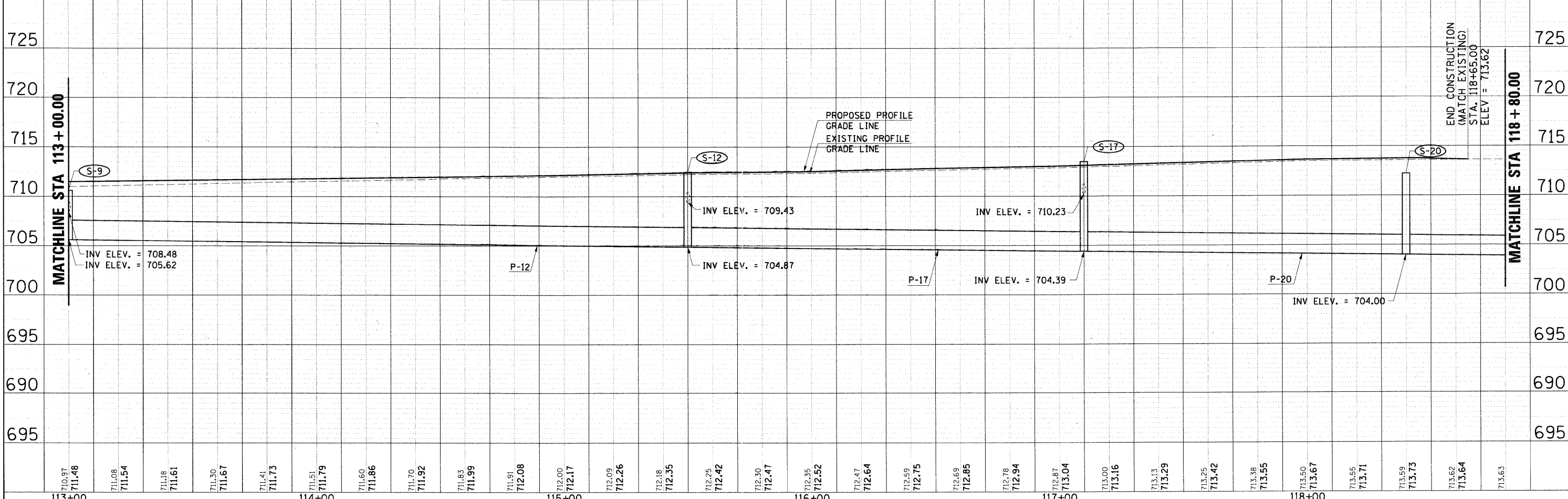
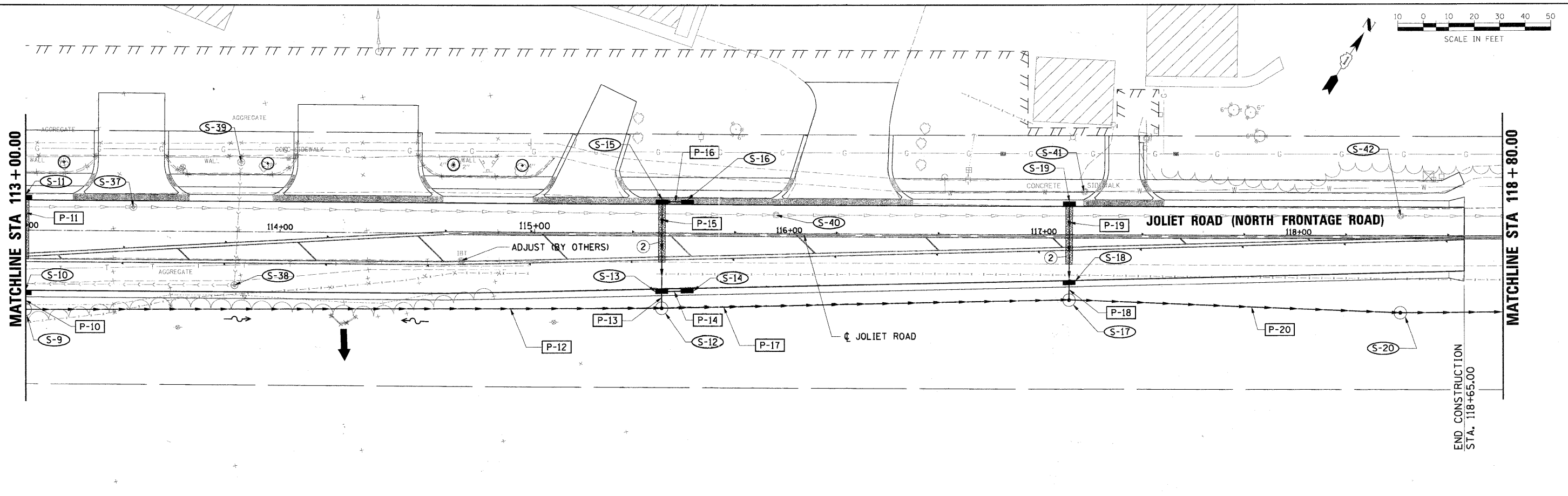
PROFILE	REVISIONS	DATE
NO.	BY	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	



FILE NAME =	USER NAME = mlopez	DESIGNED - PBD	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST</b> <b>DRAINAGE PLANS</b>	F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY	TOTAL SHEETS 69	SHEET NO. 30
D:\353887-SHT-DRN-01.DGN	PLOT SCALE = 1/8"=1'-0"	DRAWN - BW	REVISED -			SCALE: 1"=20'(H) 5'(V)	SHEET NO. 1 OF 4 SHEETS	STA. 107+40.00 TO STA. 113+00.00	DUPAGE	CONTRACT NO. 63581
	PLOT DATE = 3/28/2011	CHECKED - MPK/JJS	REVISED -							
		DATE - 03-28-2011	REVISED -							

PLAN	DATE
REVISION	
NOTED	
ALIGNED	
CHECKED	
BY	
FILE NAME	
NO.	

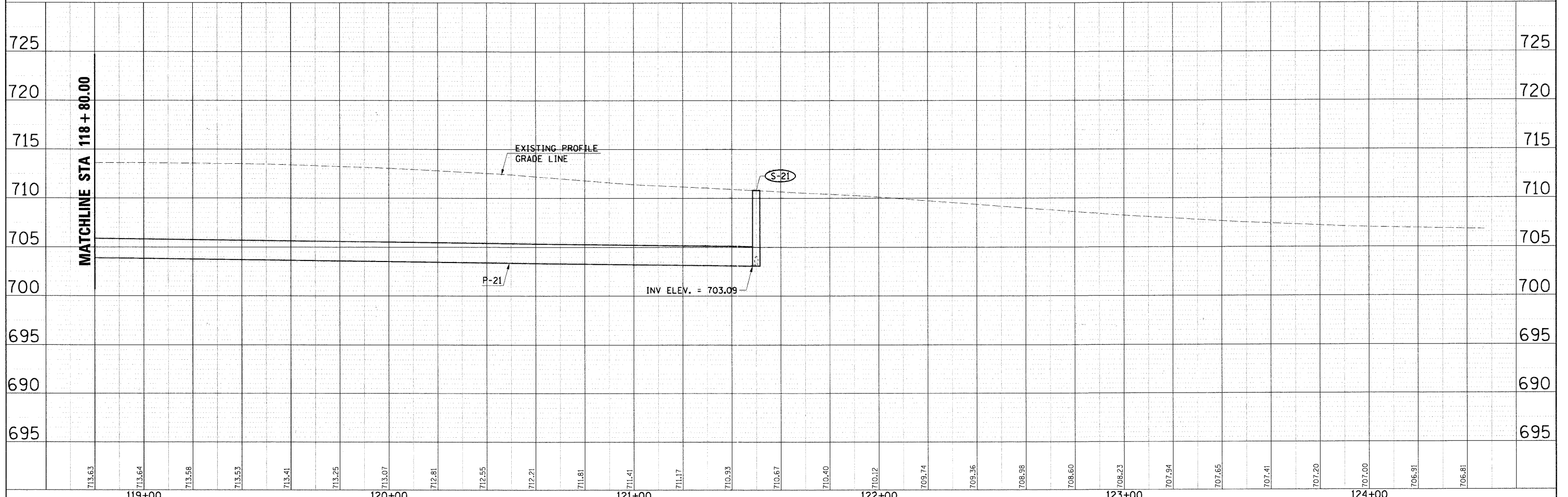
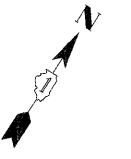
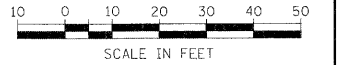
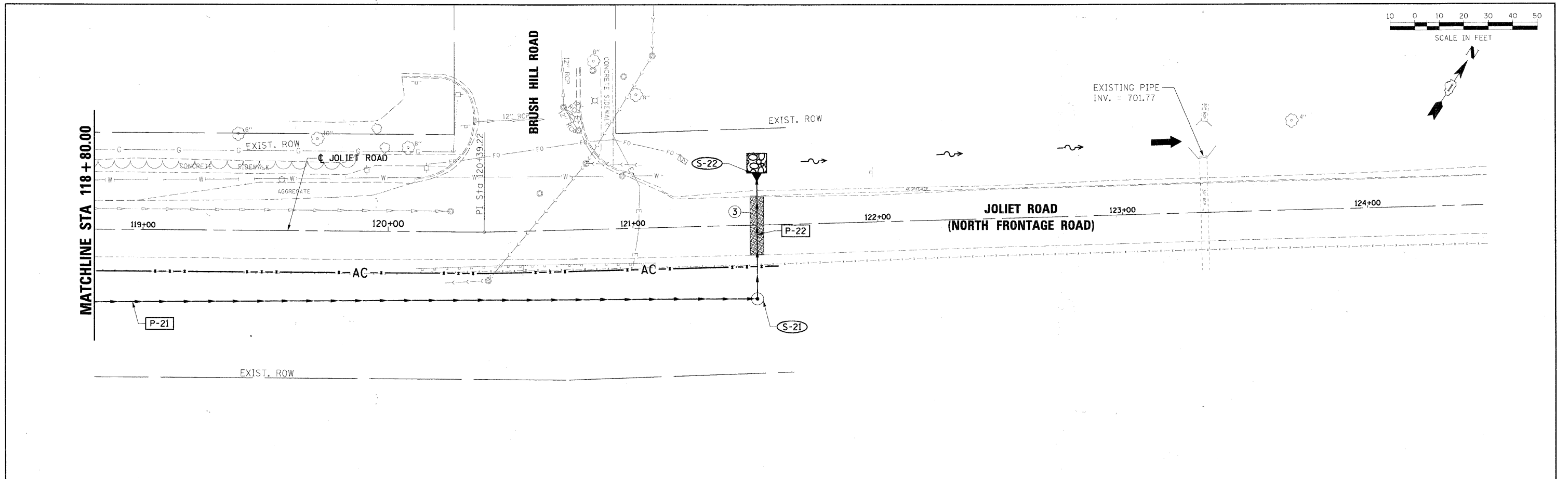
PROFILE	DATE
GRADES	
CHECKED	
BY	
FILE NAME	
NO.	



FILE NAME =	USER NAME = melopez	DESIGNED - PBD	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST</b> <b>DRAINAGE PLANS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DI353887-SHT-DRN-02.DGN	PLOT SCALE = 1"=20'	DRAWN - BW	REVISED -			2674	06-00034-00-PV	DUPAGE	69	31	
PLOT DATE = 3/28/2011	DATE = 03-28-2011	CHECKED - MPK/JJS	REVISED -			SCALE: 1"=20'(H) 5'(V) SHEET NO. 2 OF 4 SHEETS		STA. 113+00.00 TO STA. 118+80.00		CONTRACT NO. 63581	
		DATE - 03-28-2011	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			

PLAN  
 REVIEWED  
 ALIGNED CHECKED  
 PLOTTED  
 DATE  
 BY  
 NOTE BOOK  
 NO.  
 PADD FILE NAME

PROFILE  
 REVIEWED  
 GRADES CHECKED  
 PLOTTED  
 DATE  
 BY  
 NOTE BOOK  
 NO.  
 PROCEDURE NOTATIONS CHECKED



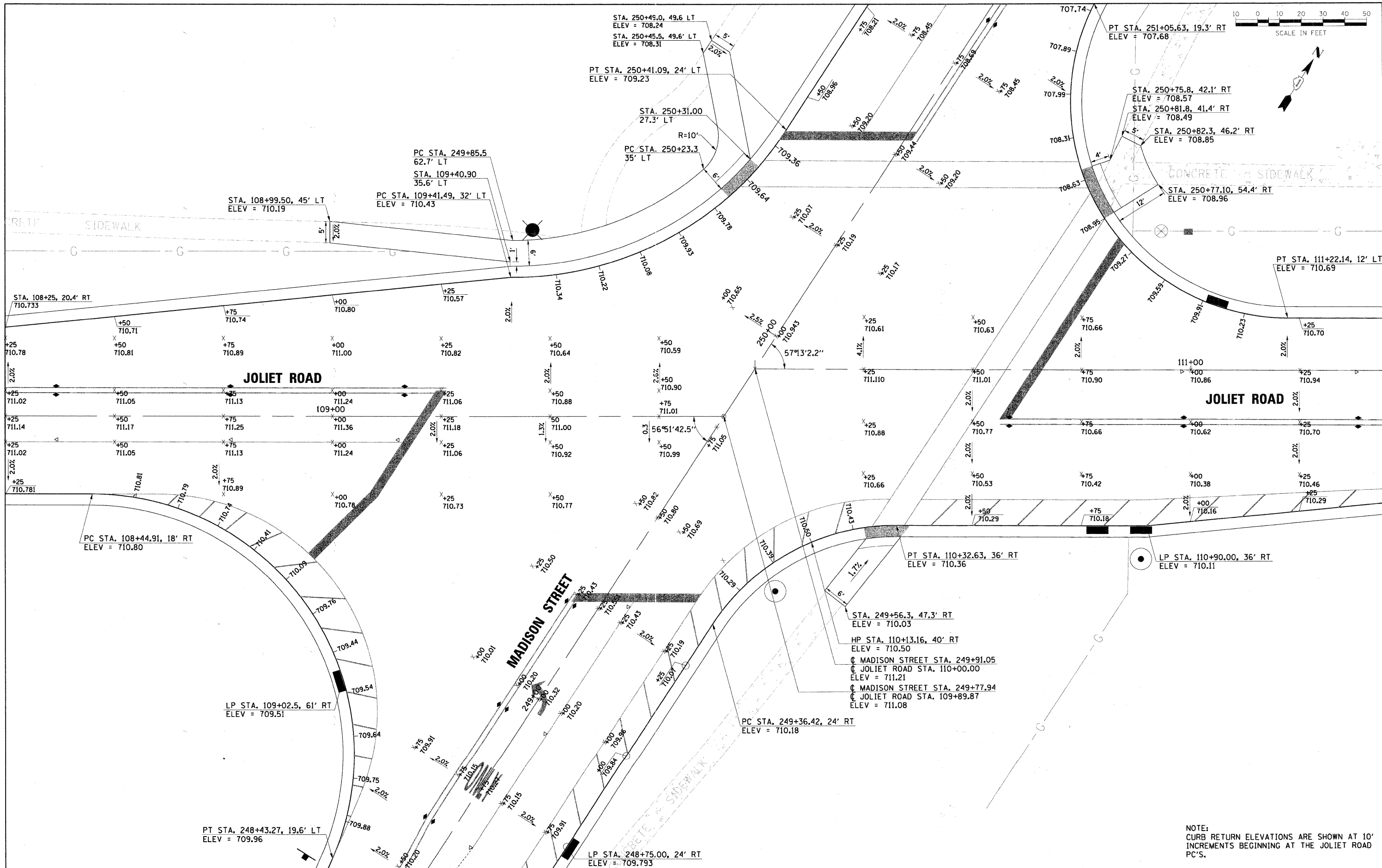
FILE NAME = D:\363887-SHT-DRN-03.DGN	USER NAME = melopez	DESIGNED - PBD	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST DRAINAGE PLANS</b>	F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 32	
PLOT SCALE = \$SCALE\$	CHECKED - MPK/JJS	REVISED -	SCALE: 1"=20'(H) 5'(V) SHEET NO. 3 OF 4 SHEETS			STA. 118+80.00 TO STA. 124+47.05	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63581		
PLOT DATE = 3/28/2011	DATE - 03-28-2011	REVISED -									





DATE	
BY	
REVISIONS	
NOTED	
ALIGNED	
CHECKED	
CADD FILE NAME	
NO.	
PLAN	
NOTE BOOK	
CHECKED	
NO.	

DATE	
BY	
REVISIONS	
NOTED	
ALIGNED	
CHECKED	
CADD FILE NAME	
NO.	
PROFILE	
NOTE BOOK	
CHECKED	
NO.	



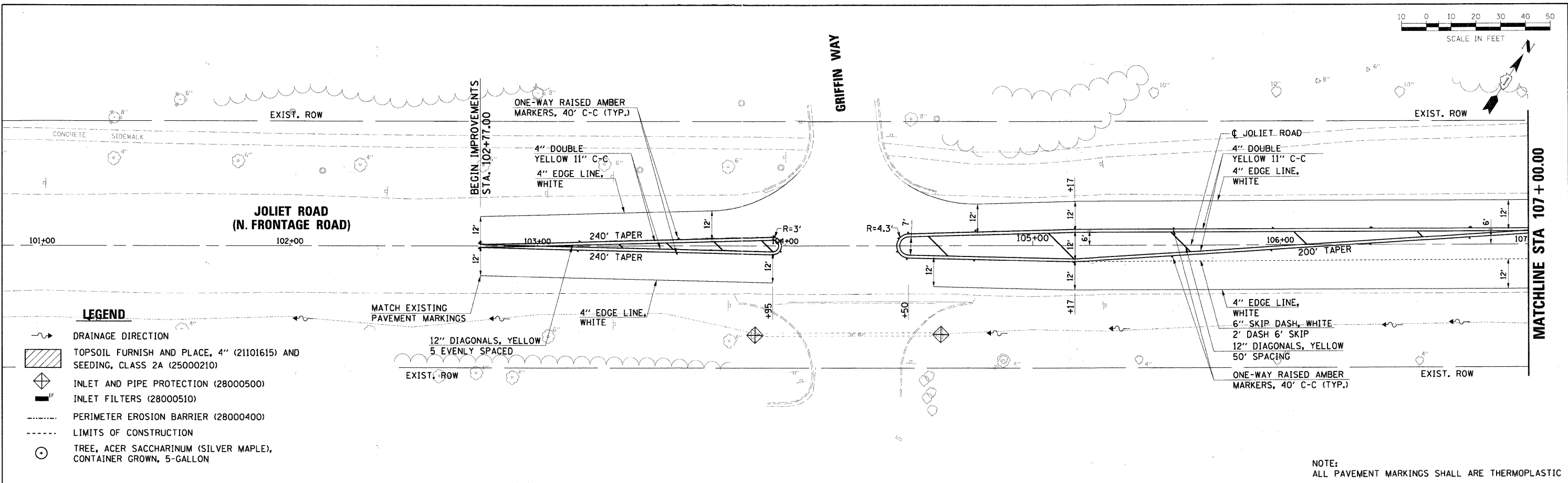
NOTE:  
CURB RETURN ELEVATIONS ARE SHOWN AT 10' INCREMENTS BEGINNING AT THE JOLIET ROAD PC'S.

FILE NAME = D1353687-SHT-INT-01.DGN	USER NAME = molopez	DESIGNED - JC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST INTERSECTION ELEVATION SHEET</b>	F.A.U. RTE. = 2674	SECTION = 06-00034-00-PV	COUNTY = DUPAGE	TOTAL SHEETS = 69	SHEET NO. = 34	
	PLOT SCALE = 1/4" = 10'	DRAWN - BH	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. =	ILLINOIS FED. AID PROJECT =	CONTRACT NO. 63581		
	PLOT DATE = 3/28/2011	CHECKED - DW	REVISED -								
		DATE = 03-28-2011	REVISED -								



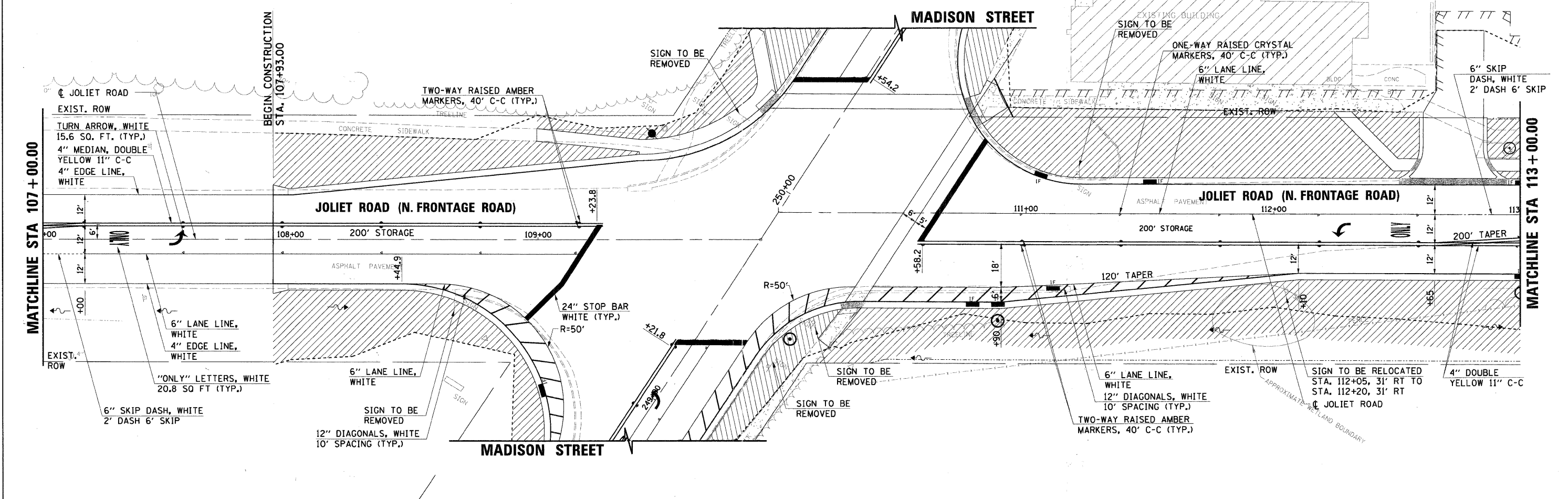
PLAN	REVISIONS	DATE
NO.	BY	
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

PROFILE	REVISIONS	DATE
NO.	BY	
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

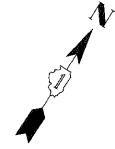
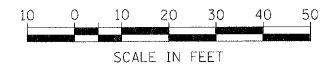


- LEGEND**
- DRAINAGE DIRECTION
  - TOPSOIL FURNISH AND PLACE, 4" (21101615) AND SEEDING, CLASS 2A (25000210)
  - INLET AND PIPE PROTECTION (28000500)
  - INLET FILTERS (28000510)
  - PERIMETER EROSION BARRIER (28000400)
  - LIMITS OF CONSTRUCTION
  - TREE, ACER SACCHARINUM (SILVER MAPLE), CONTAINER GROWN, 5-GALLON

NOTE:  
ALL PAVEMENT MARKINGS SHALL ARE THERMOPLASTIC

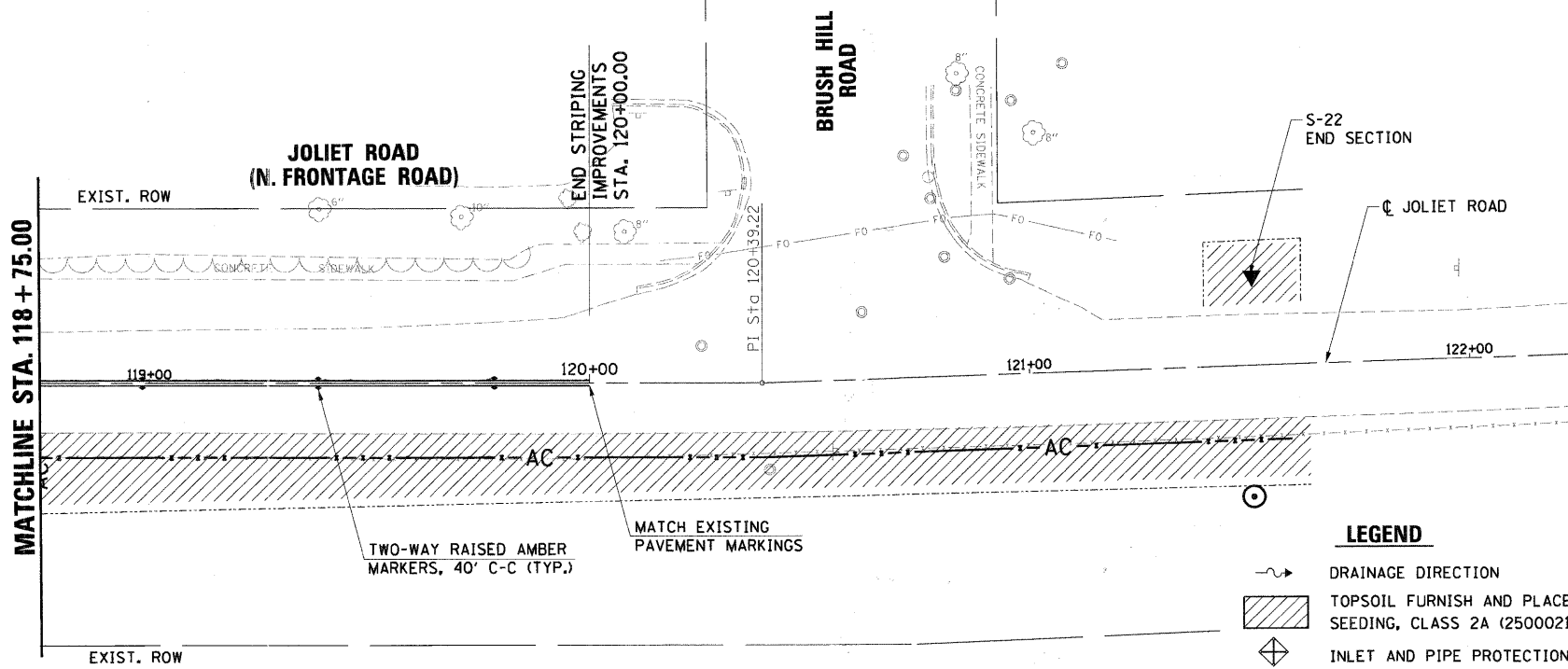
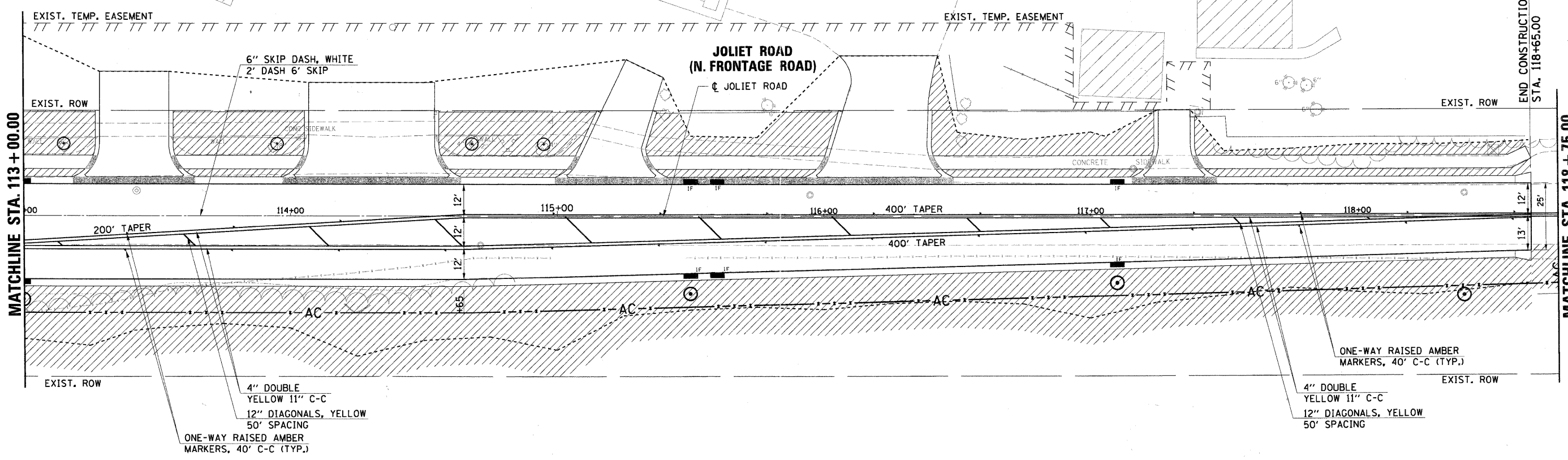


FILE NAME = D:\353887-SHT-PMK-01.DGN	USER NAME = malopez	DESIGNED - JC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST PAVEMENT MARKING, SIGNING AND LANDSCAPING PLANS</b>	F.A.U. RTE. = 2674	SECTION = 06-00034-00-PV	COUNTY = DUPAGE	TOTAL SHEETS = 69	SHEET NO. = 35		
PLOT SCALE = *SCALE*	CHECKED - DW	REVISED -	REVISED -			SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT	CONTRACT NO. 63581		
PLOT DATE = 3/28/2011	DATE = 03-28-2011	REVISED -	REVISED -									



PLAN	REVISIONS	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	

PROFILE	REVISIONS	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	



- LEGEND**
- DRAINAGE DIRECTION
  - TOPSOIL FURNISH AND PLACE, 4" (21101615) AND SEEDING, CLASS 2A (25000210)
  - INLET AND PIPE PROTECTION (28000500)
  - INLET FILTERS (28000510)
  - PERIMETER EROSION BARRIER (28000400)
  - LIMITS OF CONSTRUCTION
  - TREE, ACER SACCHARINUM (SILVER MAPLE), CONTAINER GROWN, 5-GALLON

FILE NAME = D1353887-SHT-PMK-02.DGN

USER NAME = malopez  
 PLOT SCALE = \*SCALE\*  
 PLOT DATE = 3/28/2011

DESIGNED - JC  
 DRAWN - BH  
 CHECKED - DW  
 DATE - 03-28-2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

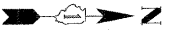
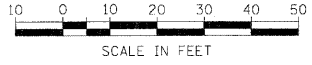
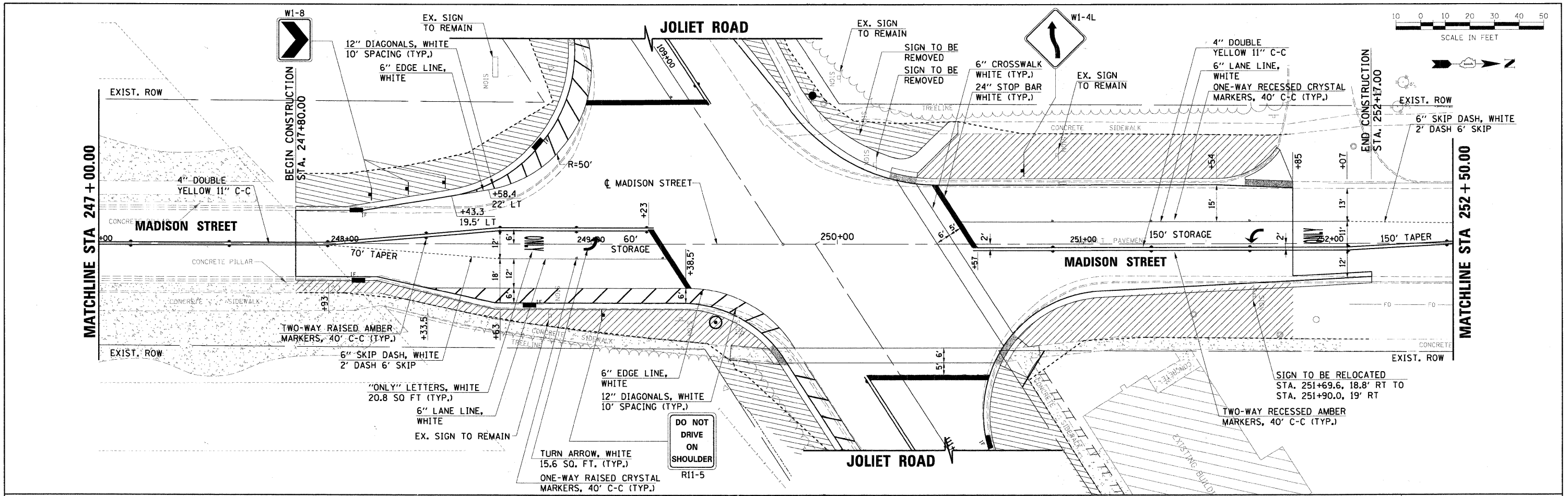
**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
 PAVEMENT MARKING, SIGNING AND LANDSCAPING PLANS**

SCALE: NTS SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	36
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 63581	

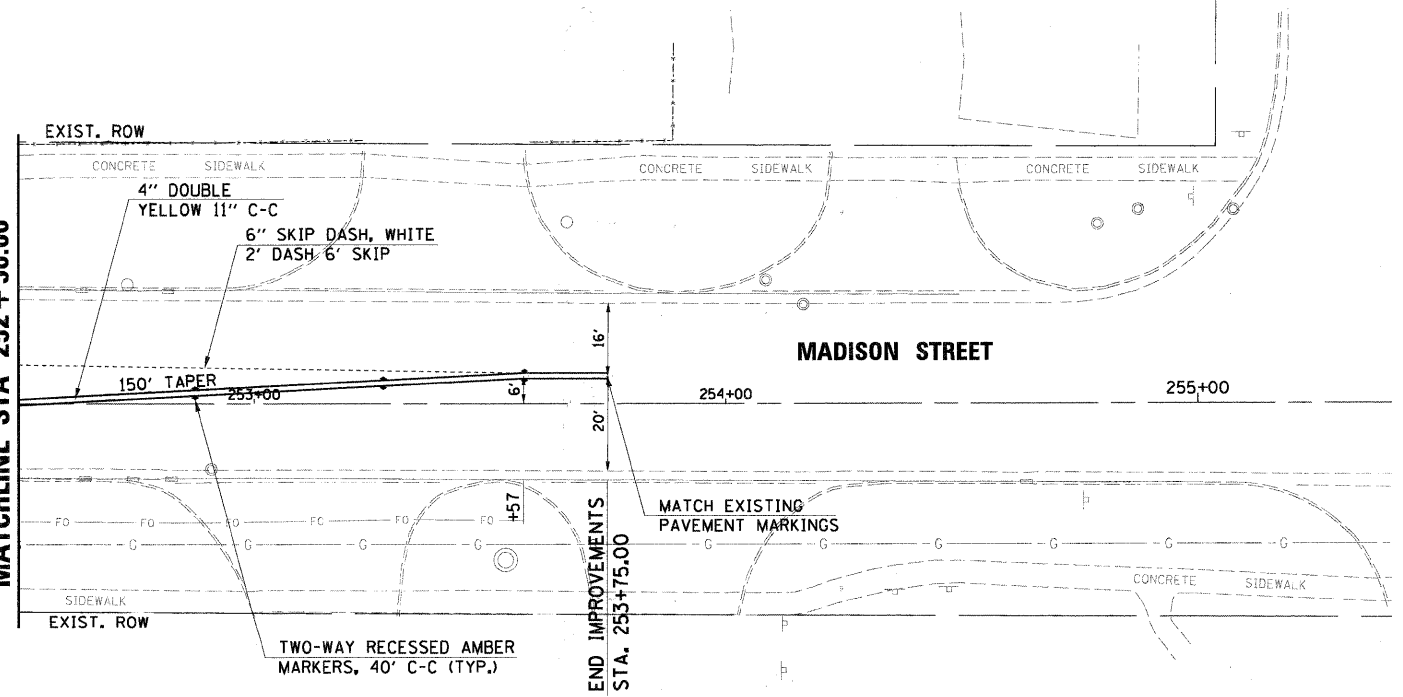
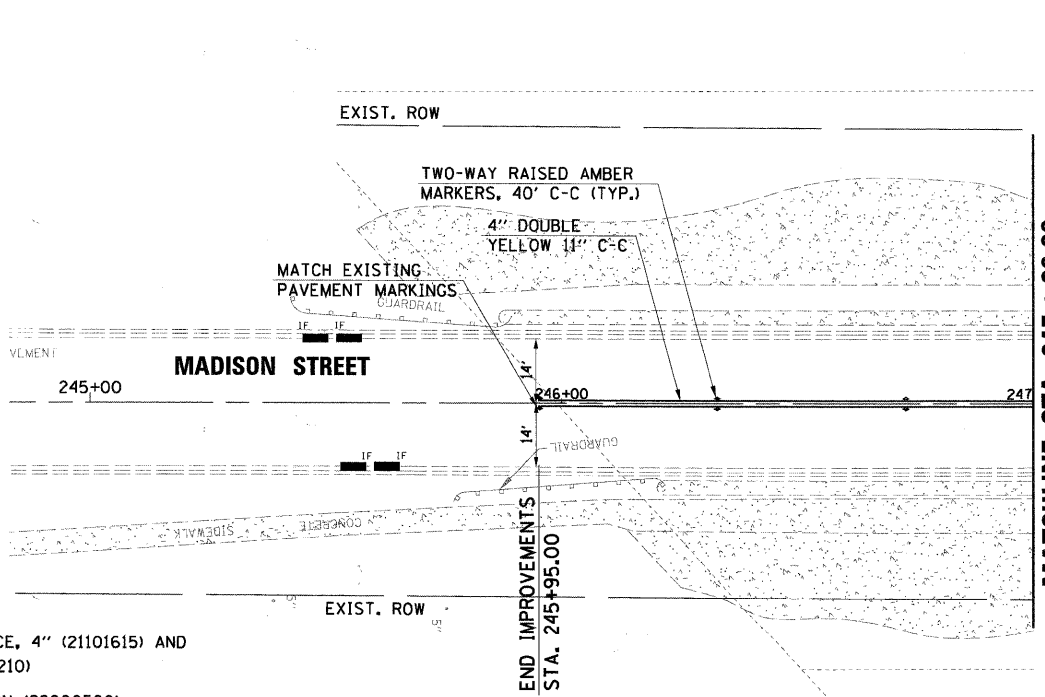
PLAN	SURVEYED	BY	DATE
	ALIGNED		
	CHECKED		
	RT. OF WAY		
	CHECKED		
	NO.		

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



**LEGEND**

- DRAINAGE DIRECTION
- TOPSOIL FURNISH AND PLACE, 4" (21101615) AND SEEDING, CLASS 2A (25000210)
- INLET AND PIPE PROTECTION (28000500)
- INLET FILTERS (28000510)
- PERIMETER EROSION BARRIER (28000400)
- LIMITS OF CONSTRUCTION
- TREE, ACER SACCHARINUM (SILVER MAPLE), CONTAINER GROWN, 5-GALLON



FILE NAME = 01363887-SHT-PMK-03.DGN

USER NAME = melopez  
 DESIGNED - JC  
 DRAWN - BH  
 CHECKED - DW  
 DATE - 03-28-2011

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

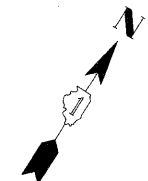
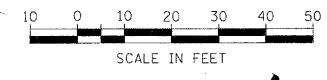
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
 PAVEMENT MARKING, SIGNING AND LANDSCAPING PLANS**

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

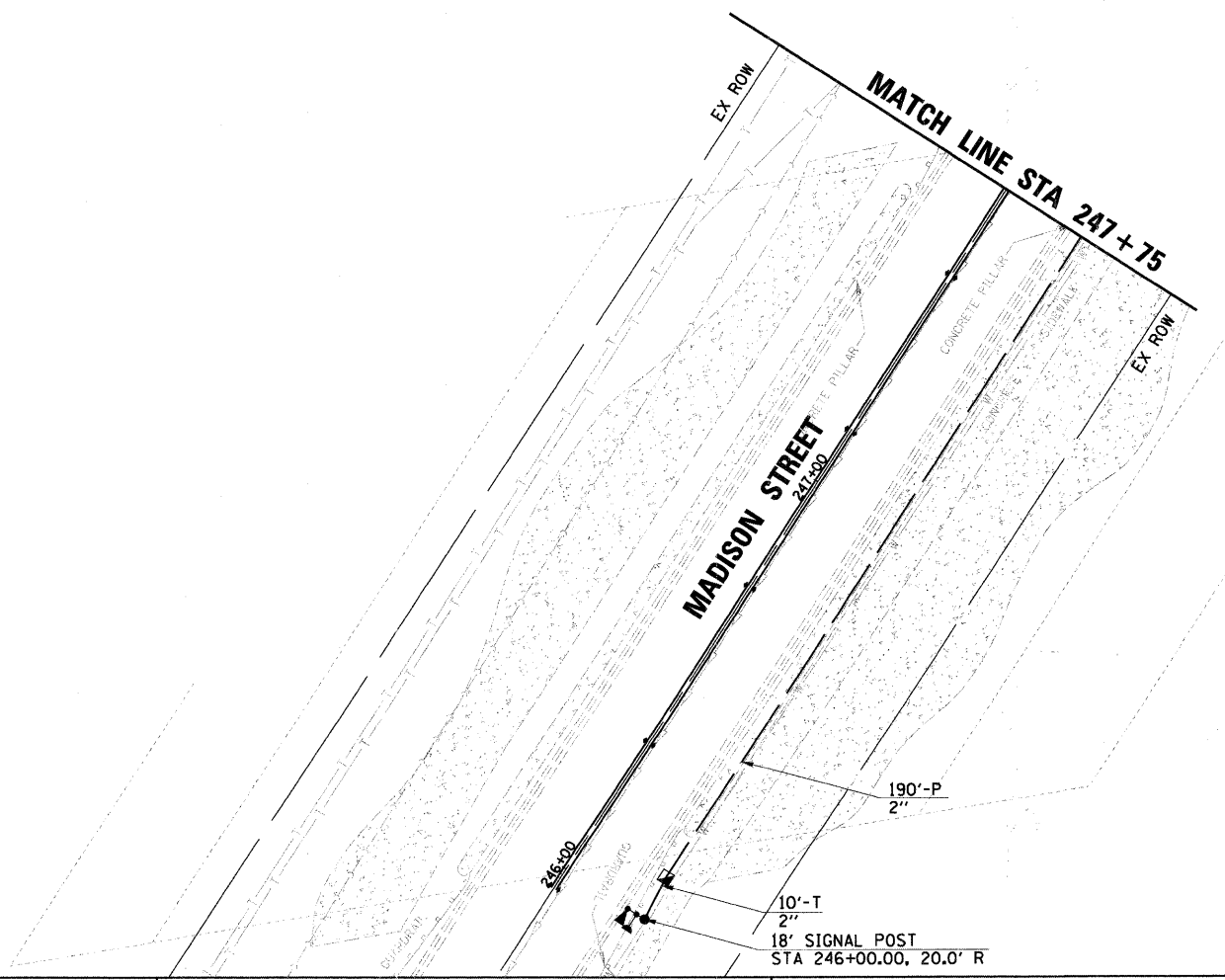
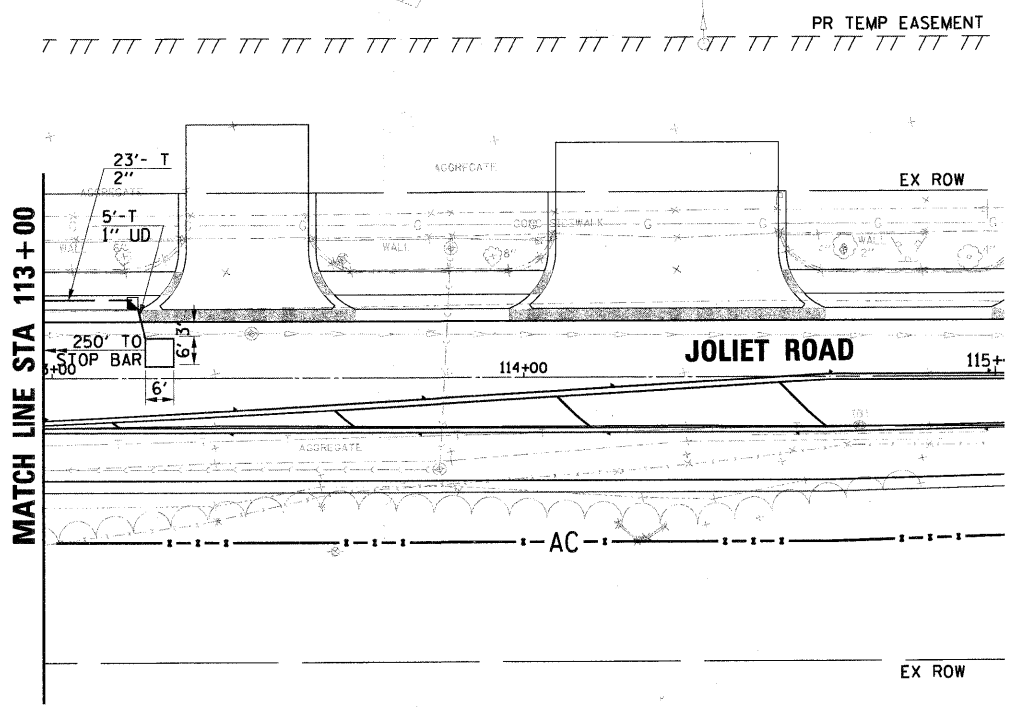
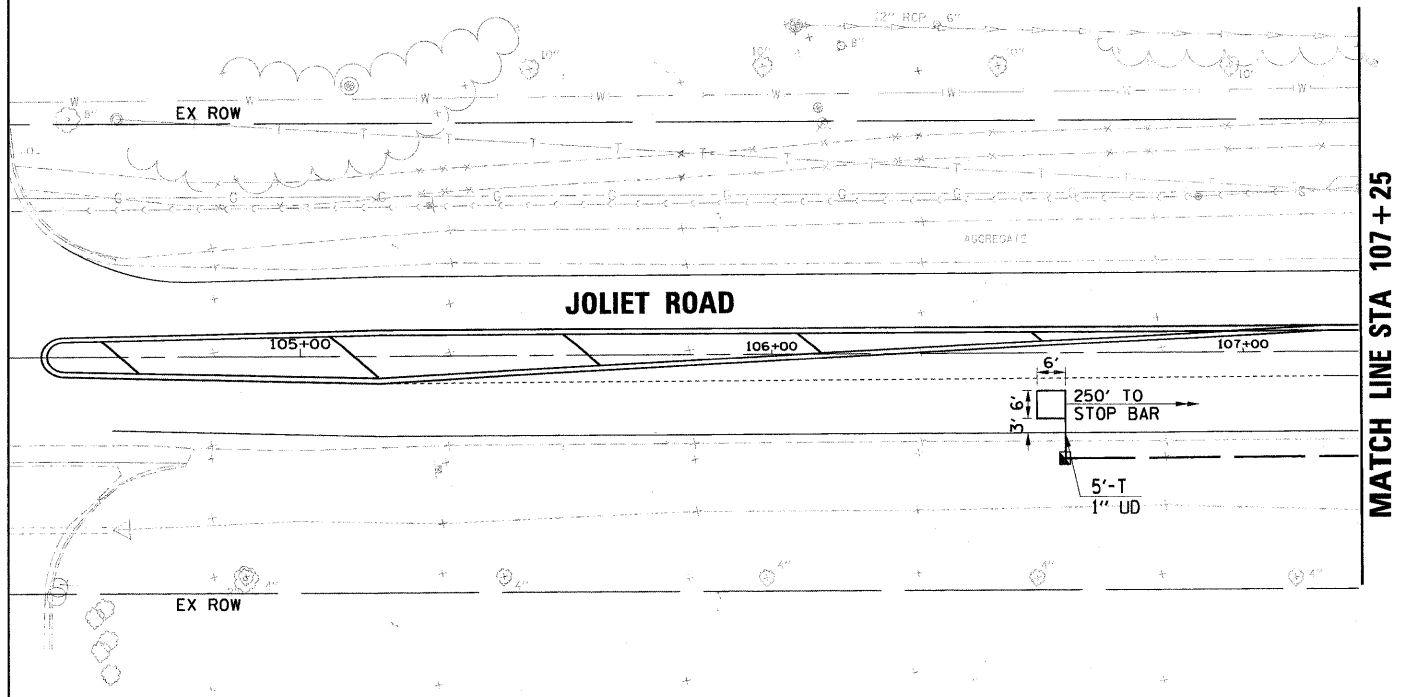
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	37
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63581		





PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	BY	
	NO.	



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST OF TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

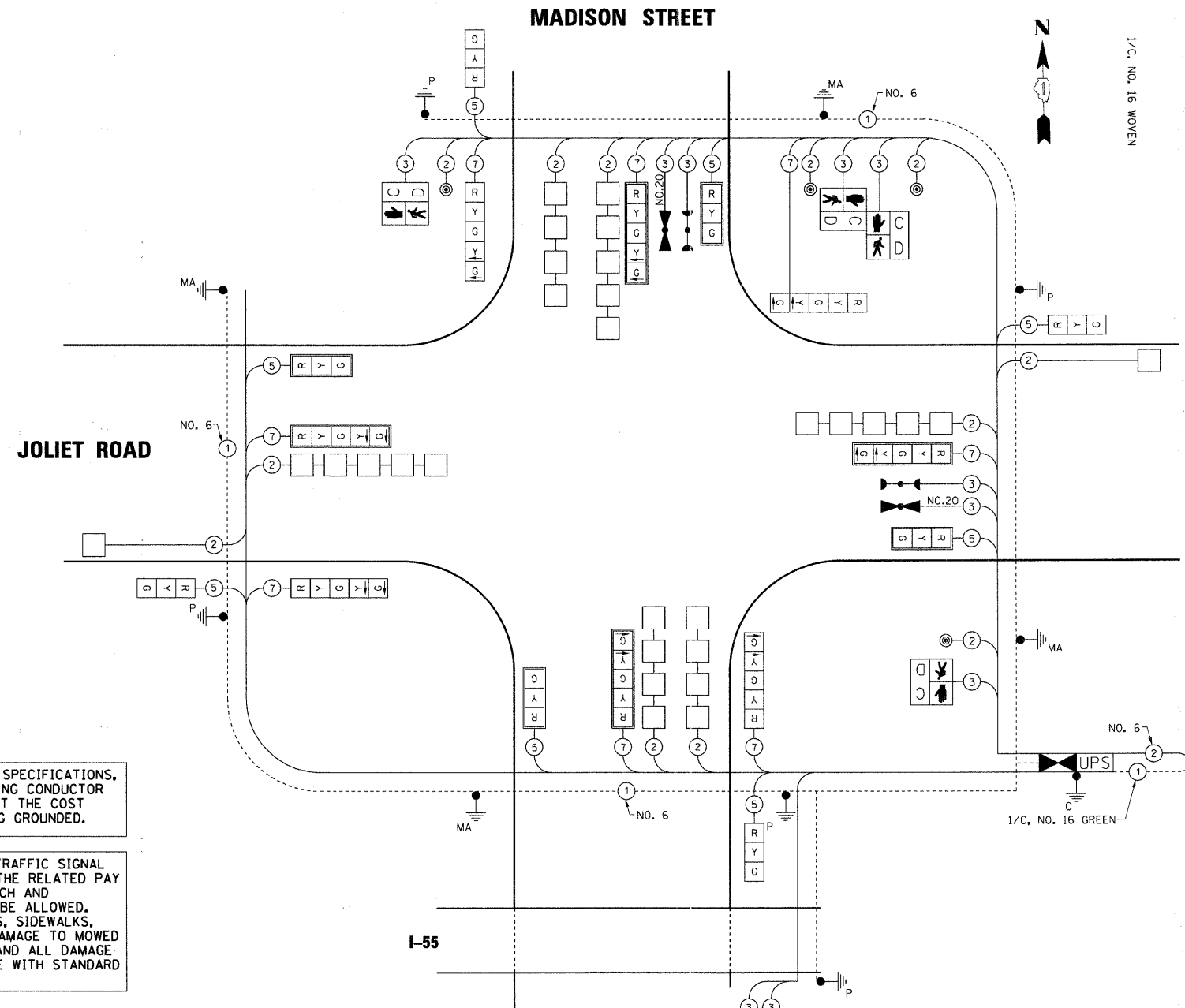
FILE NAME = 01353987-SHT-TS02-PLAN.DGN	USER NAME = bhenrjch	DESIGNED - BH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST TRAFFIC SIGNAL PLAN</b>		F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 39	
		DRAWN - BH	REVISED -		SCALE: NTS	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 63581			
		CHECKED - NMR	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 03-28-2011	REVISED -									

PLAN	SURVEYED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	GRADES	
	CHECKED	
	BY	
	NO.	
	STRUCTURE	
	NOTATIONS	
	CHPO	

**SCHEDULE OF QUANTITIES**

ITEM	UNIT	TOTAL
SIGN PANEL, TYPE 1	SQ FT	40
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	604
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	98
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	41
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	64
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	430
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	365
HANDHOLE	EACH	8
HEAVY DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	803
REMOVAL OF POLE FOUNDATION	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	623
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1655
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1608
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1676
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2,254
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	50
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	41
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, BRACKET MOUNTED	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	8
INDUCTIVE LOOP DETECTOR	EACH	11
DETECTOR LOOP, TYPE I	FOOT	1208
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	4
ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED	FOOT	1,004



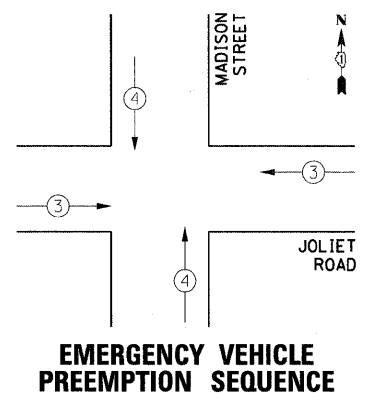
IN ACCORDANCE WITH SECTION 806 OF THE STANDARD SPECIFICATIONS, GROUNDING ELECTRODES AND THE ASSOCIATED GROUNDING CONDUCTOR WILL NOT BE MEASURED FOR PAYMENT SEPARATELY BUT THE COST SHALL BE INCLUDED IN THE COST FOR THE ITEM BEING GROUNDING.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST OF TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

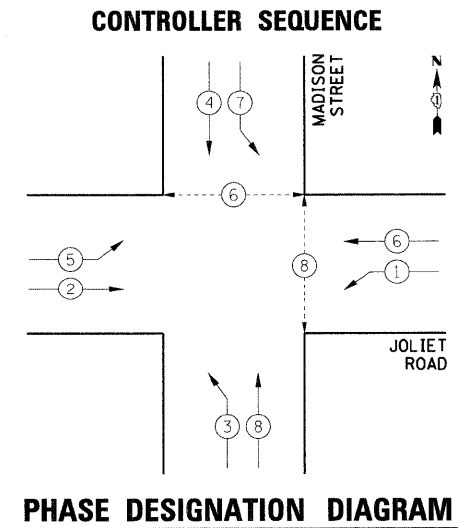
TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	16		17	0.50	136.0
(YELLOW)	16		25	0.25	100.0
(GREEN)	16		15	0.25	60.0
ARROW	16		12	0.10	19.2
PED SIGNAL	4		25	1.00	100
CONTROLLER	1		100	1.00	100
UPS	1		25	1.00	25
TOTAL =					540.2

ENERGY COSTS TO: VILLAGE OF BURR RIDGE  
BURR RIDGE, ILLINOIS

ENERGY SUPPLY CONTACT: DARRYL BELL  
PHONE: 630-985-0410  
COMPANY: COMMONWEALTH EDISON



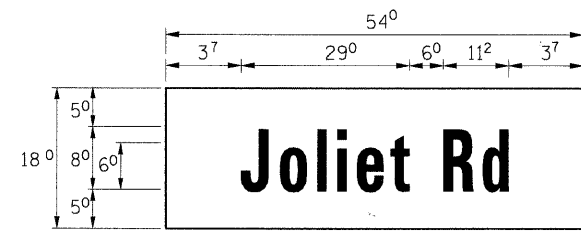
EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	→	↑



← ⊙ →	DUAL ENTRY PHASE
← ⊙	SINGLE ENTRY PHASE
← ⊙ OL	OVERLAP
* ⊙	NUMBER REFERRING TO ASSOCIATED PHASE
← ⊙ →	PEDESTRIAN PHASE

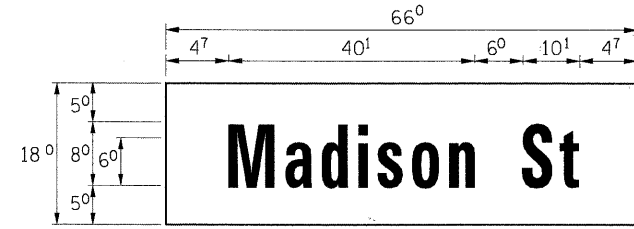


PANEL SIGN DESIGN TYPE 1



MA-1
6.75 Sq. Ft each
2 Required
Design Series D

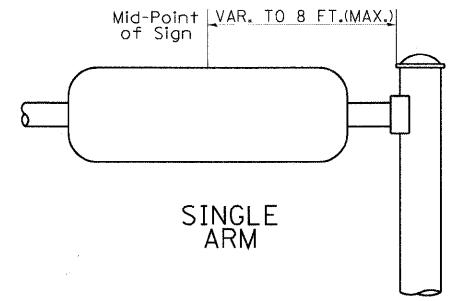
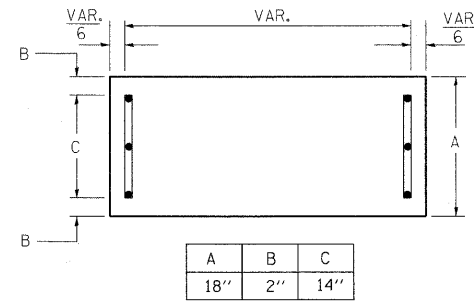
NOTE: THIS SIGN SHALL BE MOUNTED ON THE MAST ARM IN ACCORDANCE WITH STANDARD 720016 OR AS DIRECTED BY THE ENGINEER.



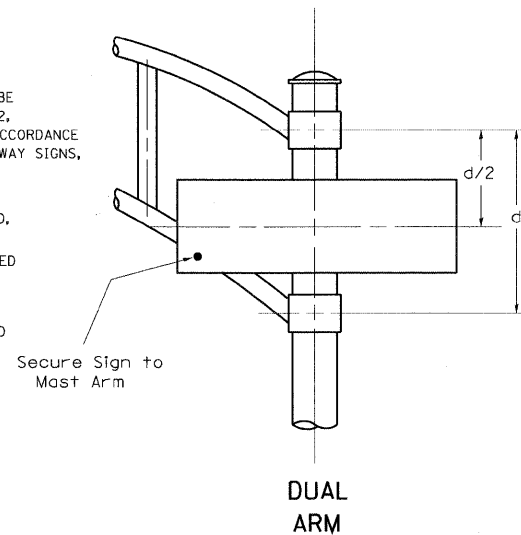
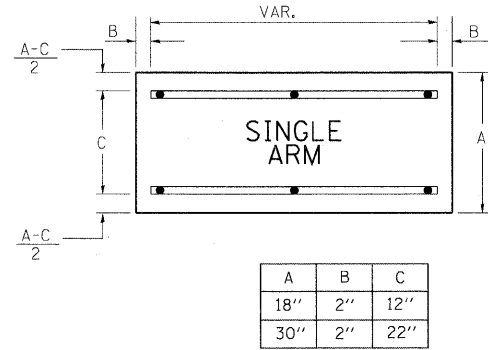
MA-2
8.25 Sq. Ft each
2 Required
Design Series D

NOTE: THIS SIGN SHALL BE MOUNTED ON THE MAST ARM IN ACCORDANCE WITH STANDARD 720016 OR AS DIRECTED BY THE ENGINEER.

SUPPORTING CHANNELS



SUPPORTING CHANNELS



SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM shall be used. See Note #5.

Upper Case To Lower Case Spacing Chart 8-6 Inch Series "C & D"

EXAMPLE, 2 3/8 DENOTES 3/8"

Spacing chart for Upper Case To Lower Case, 8-6 Inch Series "C & D". Table with columns for Series, First Letter, and Second Letter.

Lower Case To Lower Case Spacing Chart 6 Inch Series "C & D"

Spacing chart for Lower Case To Lower Case, 6 Inch Series "C & D". Table with columns for Series, First Letter, and Second Letter.

Number To Number Spacing Chart 8 Inch Series "C & D"

Number to Number Spacing Chart, 8 Inch Series "C & D". Table with columns for Series, First Letter, and Second Letter.

Main spacing chart for 6 inch upper and lower case letters and 8 inch upper case letters. Includes columns for Letter Series and Letter.

Number to Number Spacing Chart, 6 Inch Series "C & D". Table with columns for Number, C, and D.

GENERAL NOTES

- 1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012. AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" X 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
2. ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
3. THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 8'-0".
4. ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
5. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:
\* J.O. HERBERT CO. MIDLOTHIAN, VA.
\* WESTERN REMAC INC. WOODRIDGE, IL.
PARTS LISTING:
SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
SIGN SCREWS 1/4" X 14 X 1" H.W.H. #3
BRACKETS PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

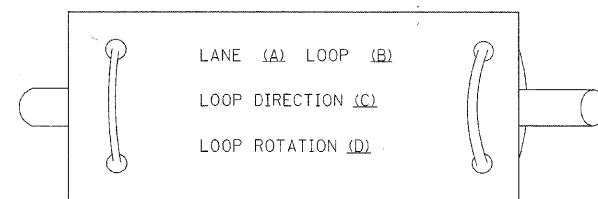
DATE BY SURVEYED BY ALIGNED CHECKED BY NOTE BOOK NO. CAD FILE NAME

DATE BY PROFILE SURVEYED BY CHECKED BY BRACKET NOTATIONS CHRD NO.

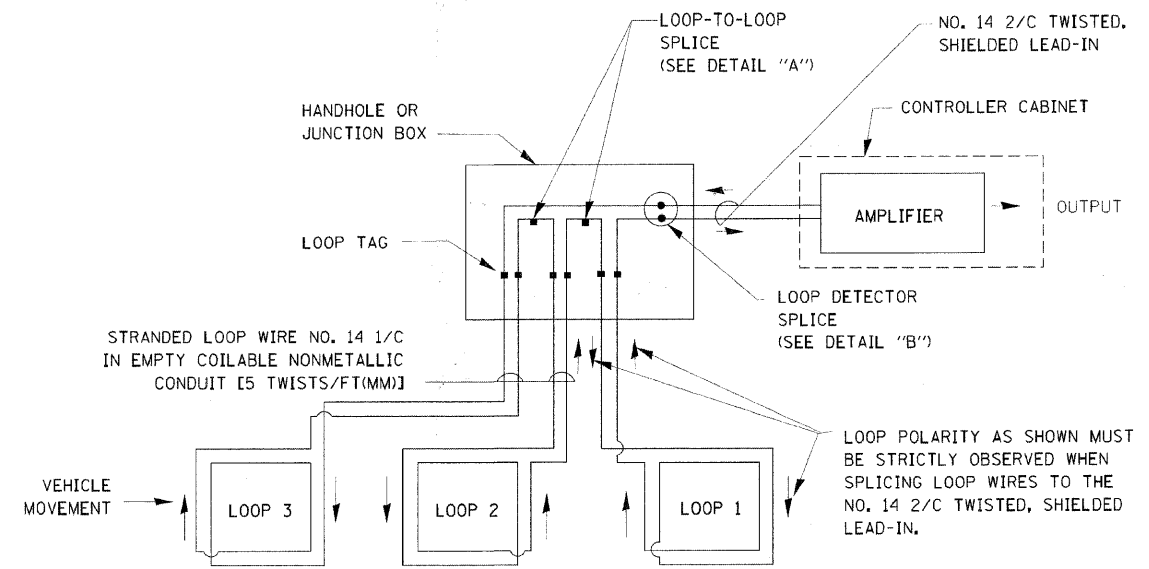
## LOOP DETECTOR NOTES

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

### LOOP LEAD-IN CABLE TAG

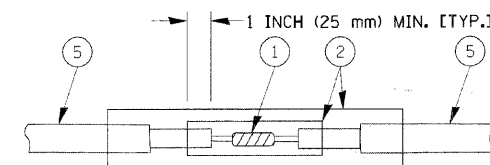


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

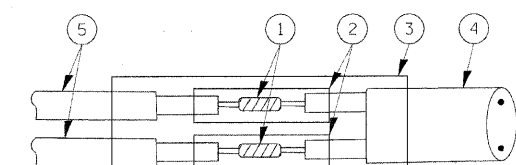


### DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

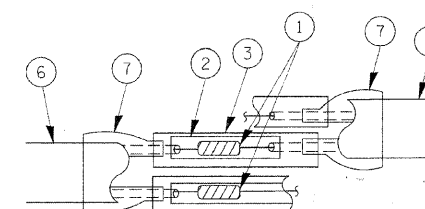


DETAIL "A"  
LOOP-TO-LOOP SPLICE

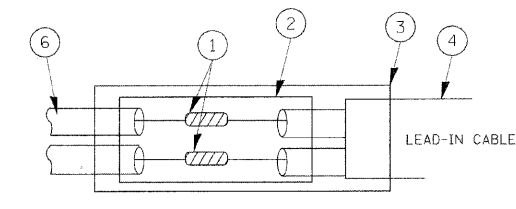


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

### TYPE I LOOP



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

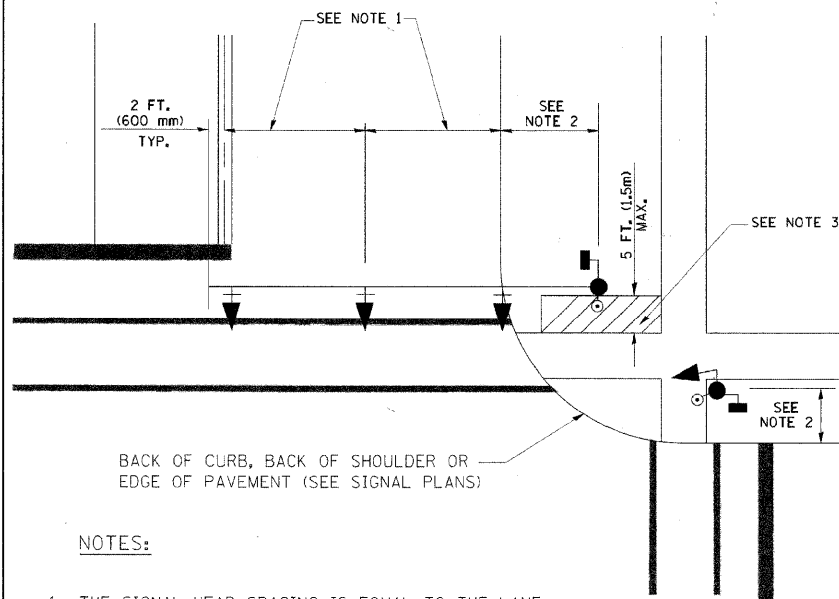
### LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- PREFORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = kanthapixaybc	DESIGNED - DAD	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>		F.A.U. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 42	
4\work\p\WIDCT\KANTHAPIXAYBC\d01126	4\work\p\c\legend.v7.dgn	DRAWN - BCK	REVISED -		SCALE:	SHEET NO. 1 OF 6 SHEETS	STA. TO STA.	TS-05		CONTRACT NO. 63581		
	PLOT SCALE = 20,0000' / IN.	CHECKED - DAD	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							
	PLOT DATE = 10/6/2009	DATE 10/28/09	REVISED									

**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**

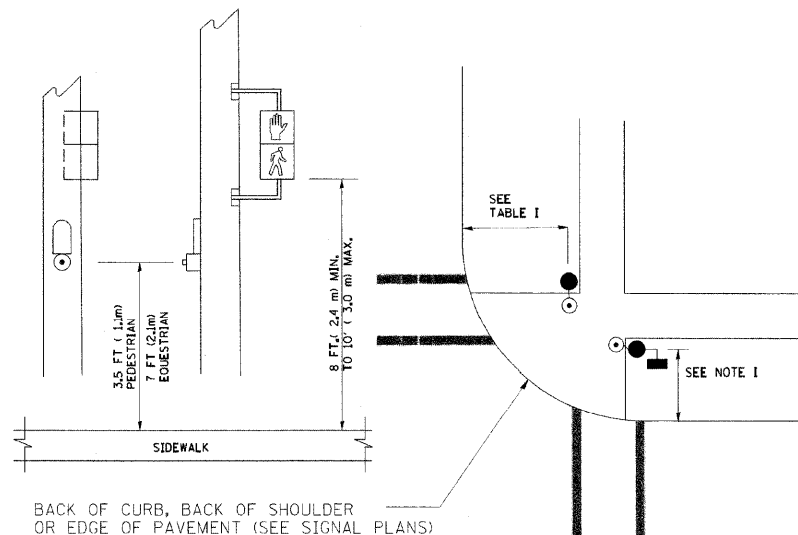
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA, INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



**NOTES:**

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

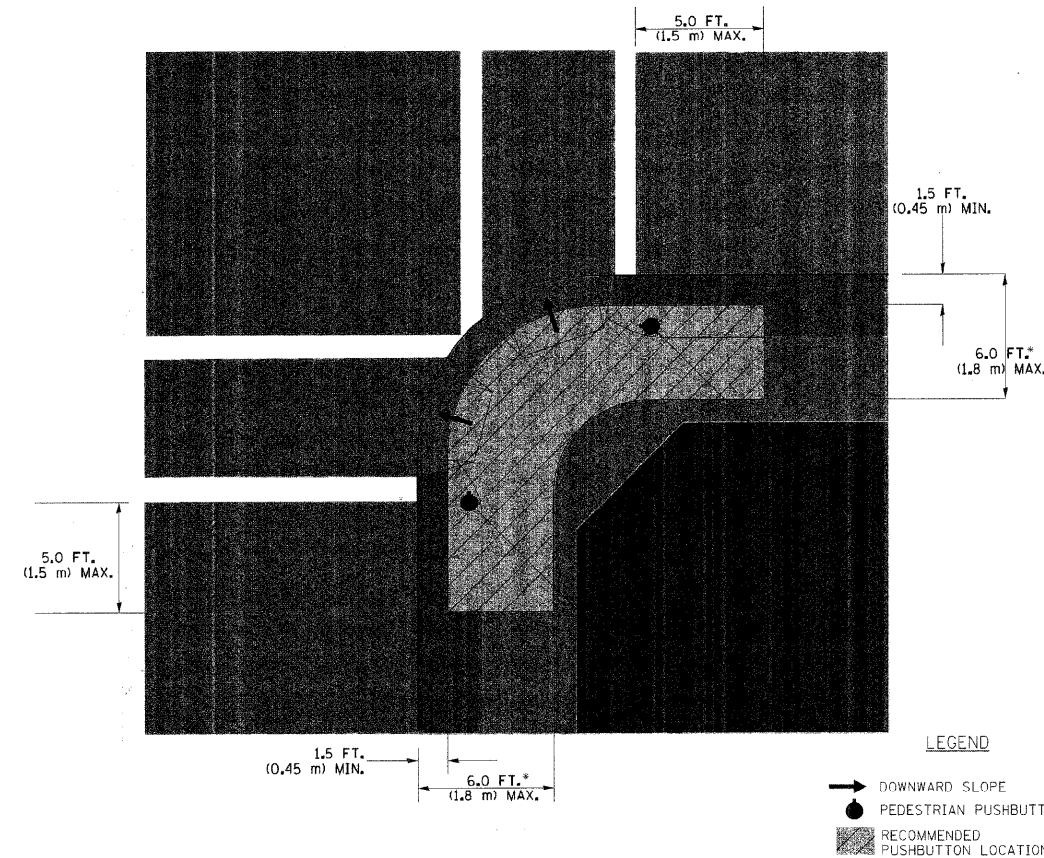
**PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST**



**NOTES:**

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

**RECOMMENDED PUSHBUTTON LOCATIONS**



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT; IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- \*\* WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

**NOTES:**

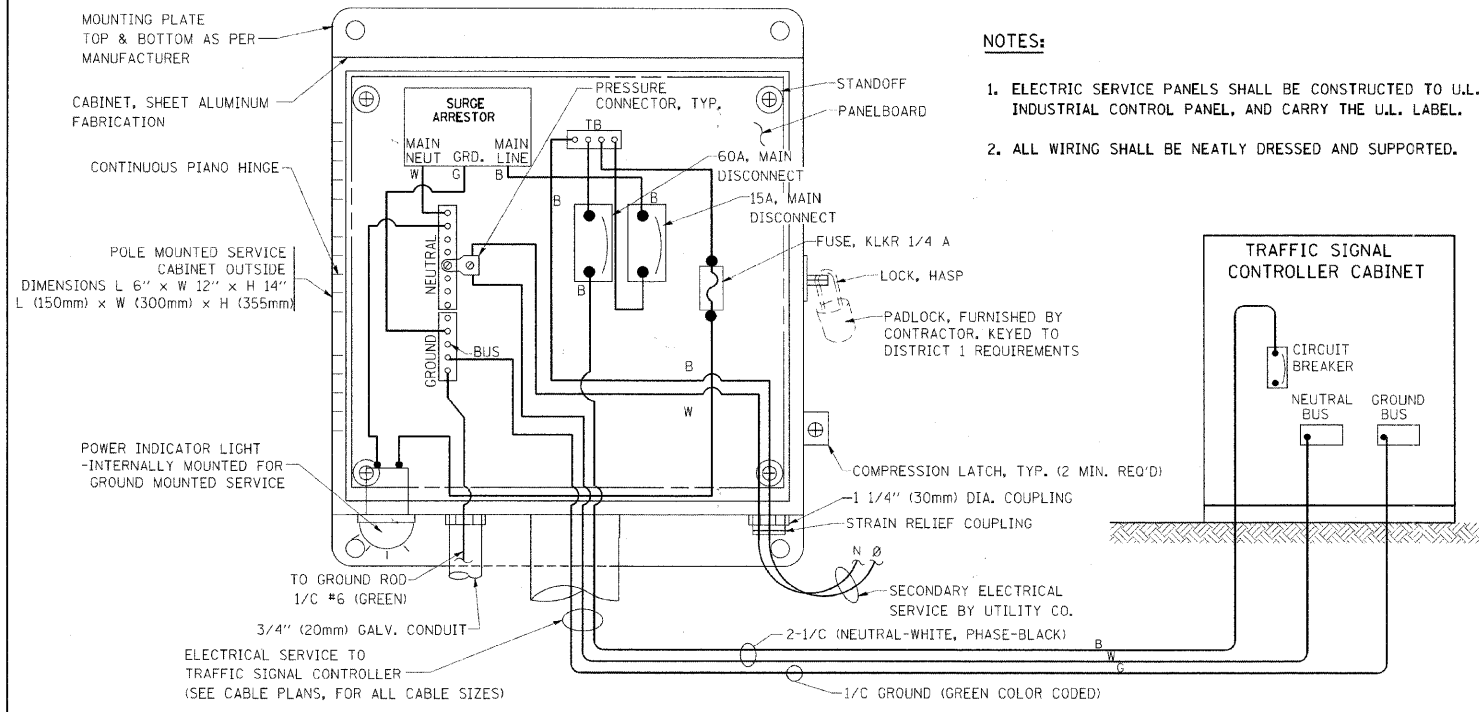
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

**TRAFFIC SIGNAL EQUIPMENT OFFSET**

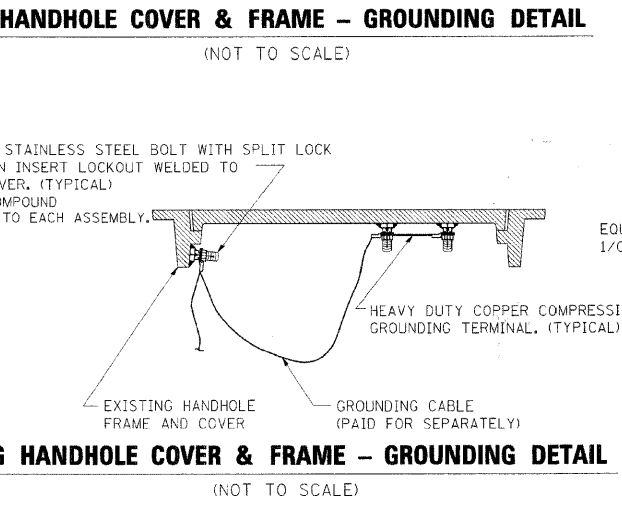
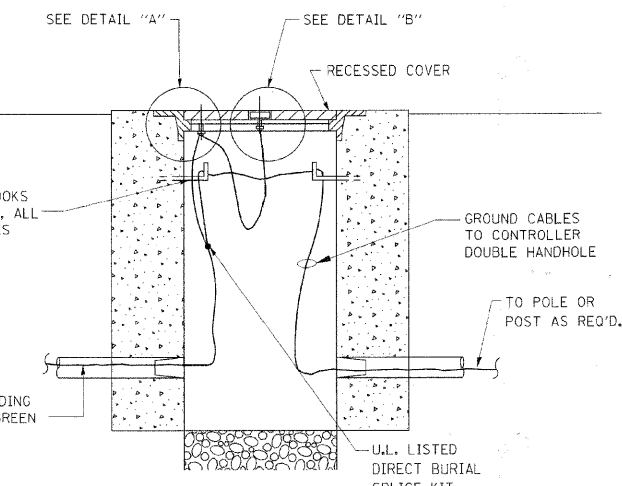
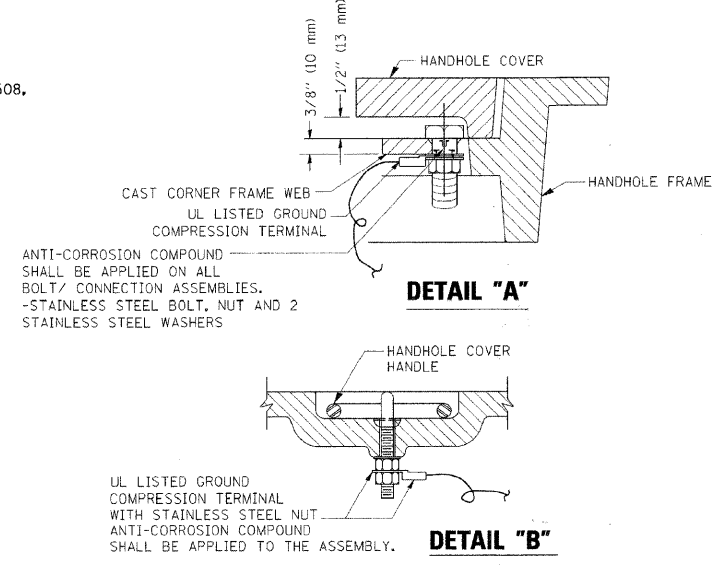
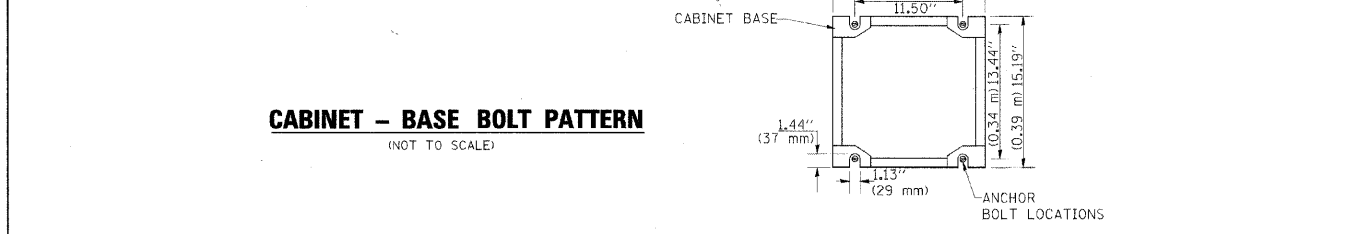
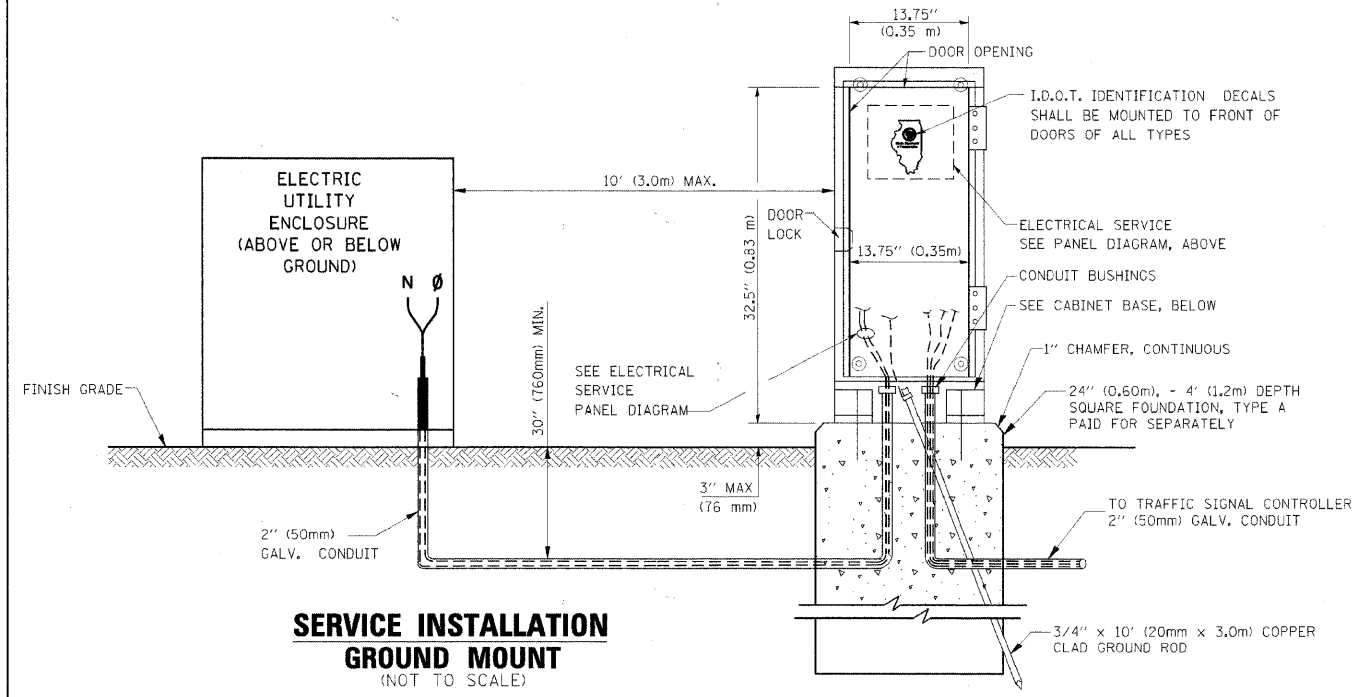
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

**NOTES:**

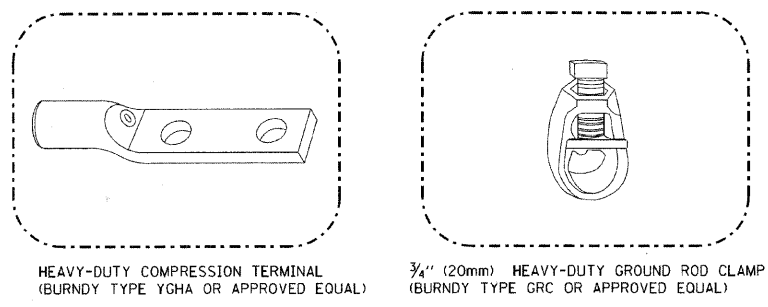
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.



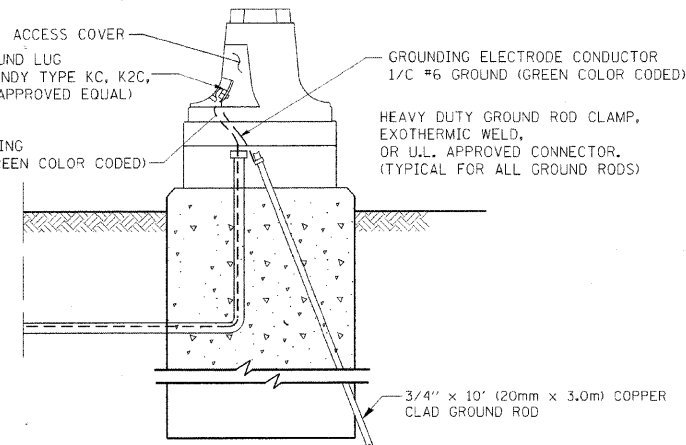
**ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)

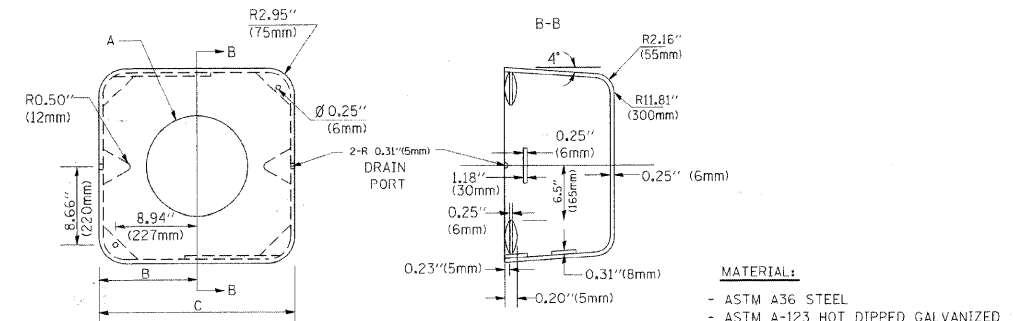
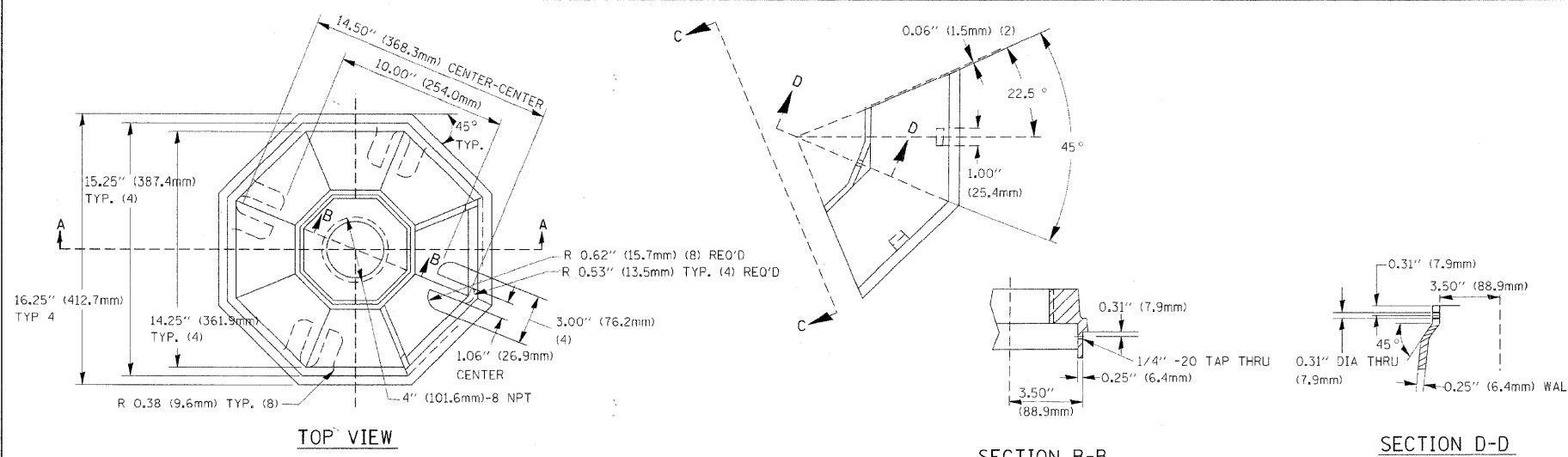


- NOTES:**
- GROUNDING SYSTEM**
- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD, ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
  - THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
  - ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
  - THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
  - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



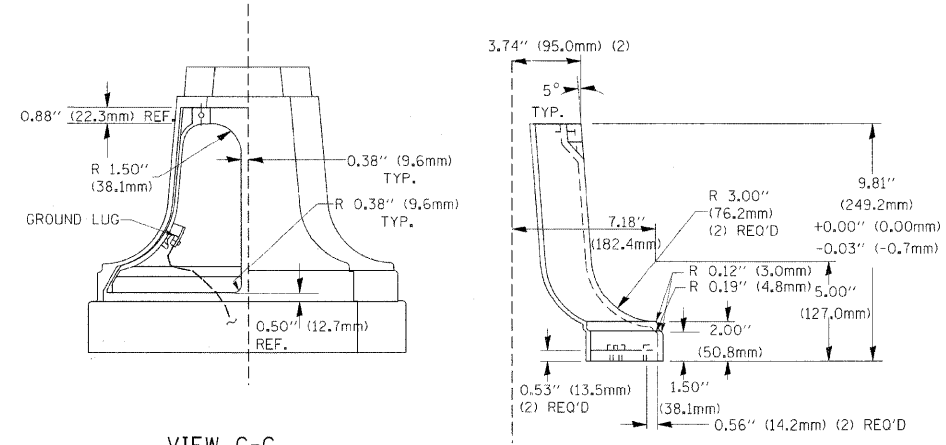
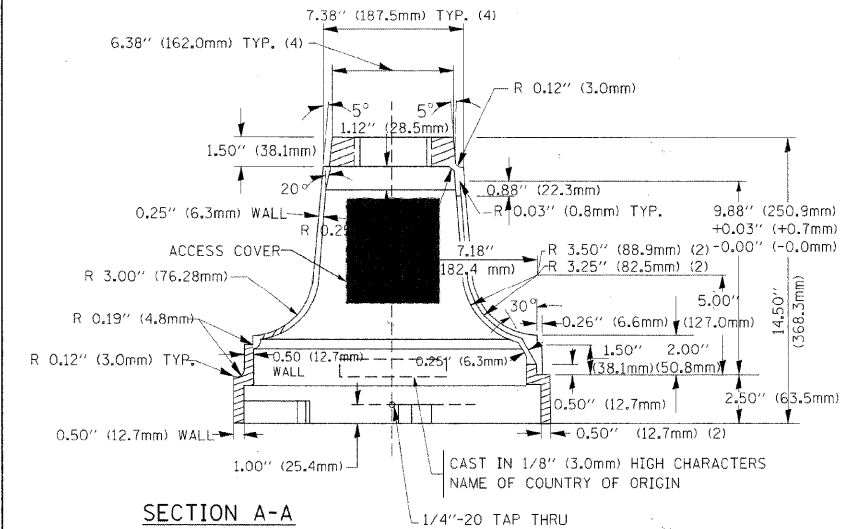


A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

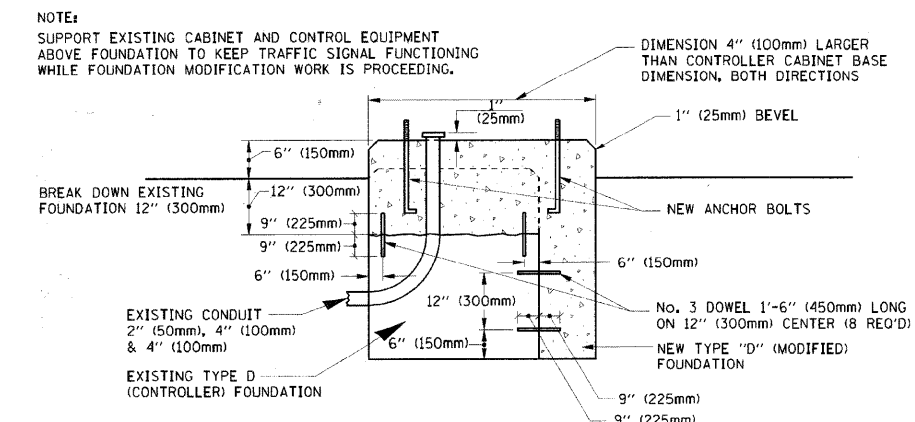
**MATERIAL:**  
 - ASTM A36 STEEL  
 - ASTM A-123 HOT DIPPED GALVANIZED

**SHROUD**

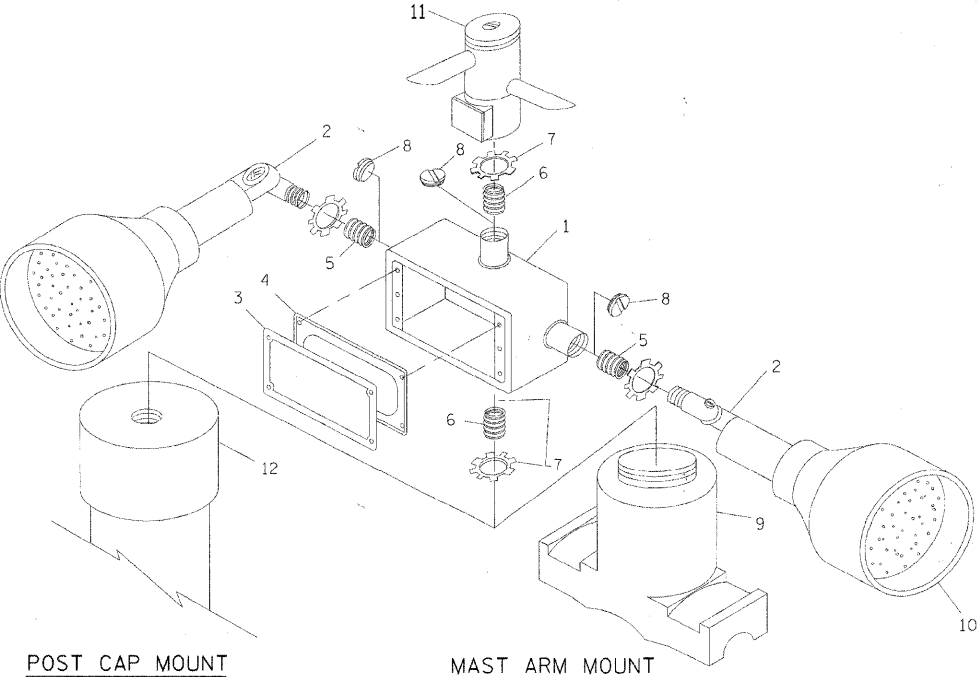
- NOTES:**
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
  2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
  3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



**TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A**



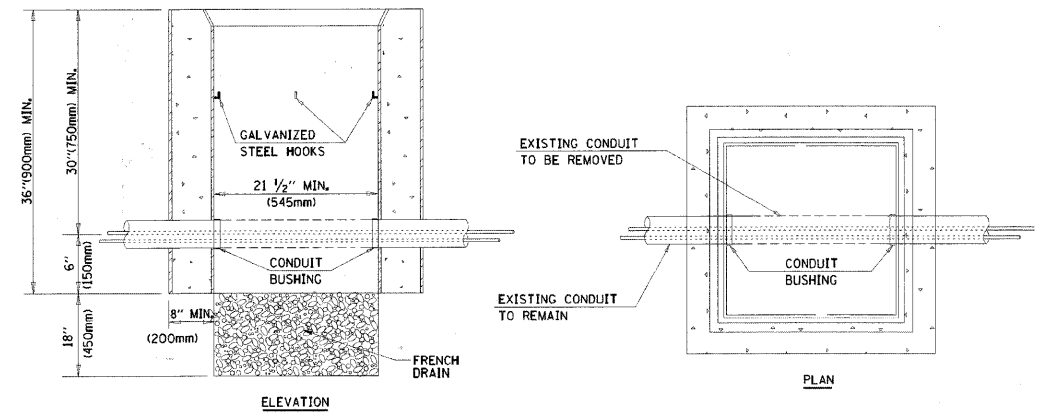
**MODIFY EXISTING TYPE "D" FOUNDATION**



ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

- NOTES:**
1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
  2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
 ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
 ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
  3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.

**EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL**



- NOTES:**
1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
  2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

**HANDHOLE TO INTERCEPT EXISTING CONDUIT**



# TRAFFIC SIGNAL LEGEND

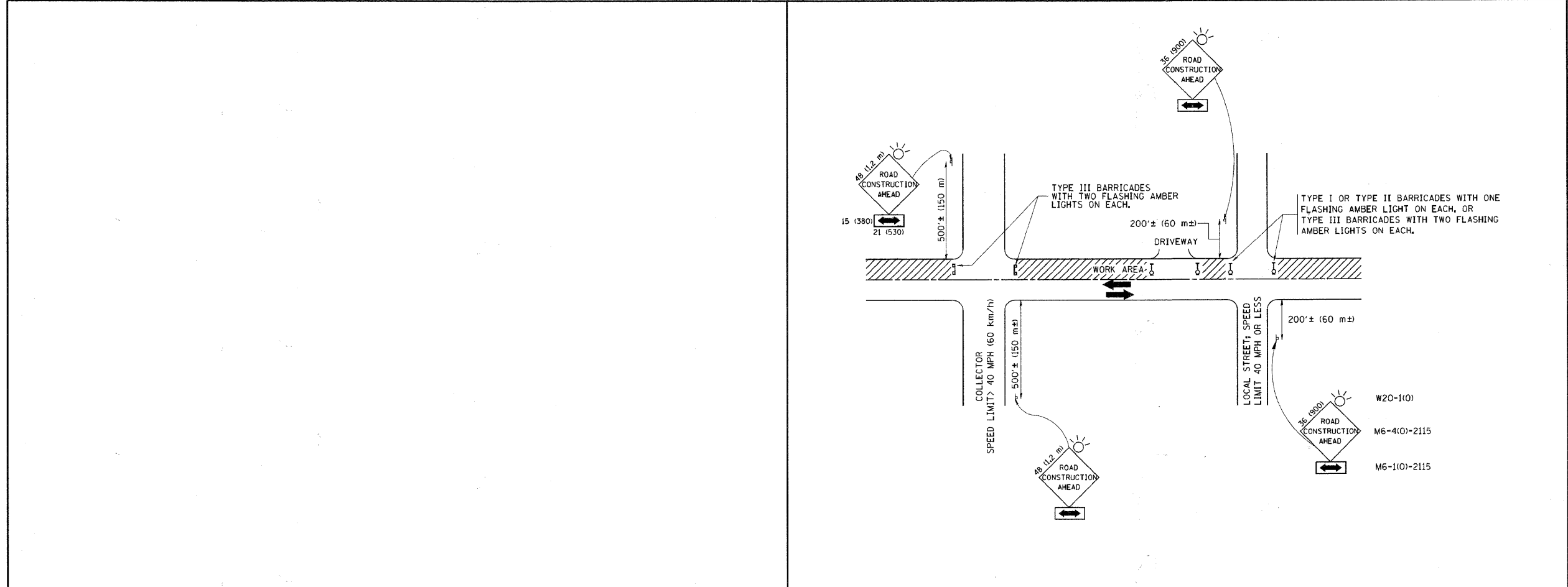
ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED		
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE					
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE					
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA					
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED					
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE, NO. 62.5/125, MM12F					
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE, NO. 62.5/125, MM12F SM12F					
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)					
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE					
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM		S		ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM		I		STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED					
SIGNAL POST				REMOVE ITEM	R			SIGNAL POST AND FOUNDATION TO BE REMOVED					
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM	RL			INTERSECTION & SAMPLING (SYSTEM) DETECTOR					
GUY WIRE				ABANDON ITEM	A			SAMPLING (SYSTEM) DETECTOR					
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				EXISTING INTERSECTION LOOP DETECTOR					
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				EXISTING PREFORMED INTERSECTION LOOP DETECTOR					
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				PREFORMED SAMPLING (SYSTEM) DETECTOR					
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID				<b>RAILROAD SYMBOLS</b>					
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER				EXISTING			PROPOSED		
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT									
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER									
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED									
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)									
MICROWAVE VEHICLE SENSOR													
VIDEO DETECTION CAMERA													
VIDEO DETECTION ZONE													
PAN, TILT, ZOOM CAMERA													
WIRELESS DETECTOR SENSOR													
WIRELESS ACCESS POINT													





PLAN	REVISIONS	DATE
NO. _____	BY _____	DATE _____
NO. _____	BY _____	DATE _____
NO. _____	BY _____	DATE _____
NO. _____	BY _____	DATE _____
NO. _____	BY _____	DATE _____

PROFILE	REVISIONS	DATE
NO. _____	BY _____	DATE _____
NO. _____	BY _____	DATE _____
NO. _____	BY _____	DATE _____
NO. _____	BY _____	DATE _____
NO. _____	BY _____	DATE _____



**TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

**NOTES:**

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  - 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 70150L STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

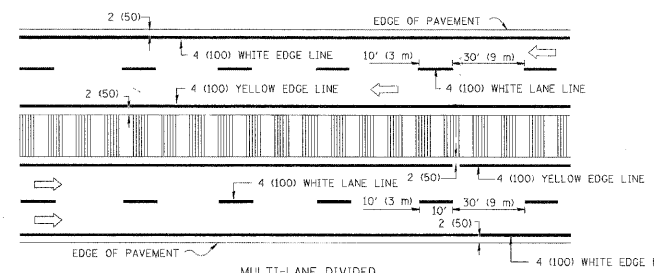
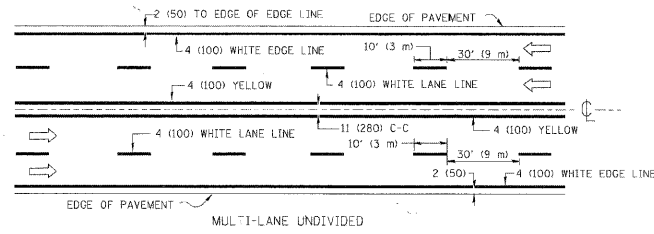
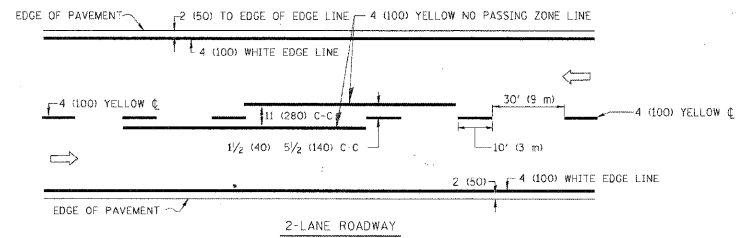
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\dstest\22x34\col18.dgn	USER NAME = goglianob	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 60.000' / IN.	CHECKED -	REVISED - A. HOUSEH 03-06-96	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-10		CONTRACT NO.
PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

FILE NAME = 01353887-SHT-DET-01.DGN	USER NAME = malopez	DESIGNED - JC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST MISCELLANEOUS DETAILS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = #SCALE#	CHECKED - ,DW	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	06-00034-00-PV		DUPAGE	69	49
PLOT DATE = 3/28/2011	DATE - 03-28-2011	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									

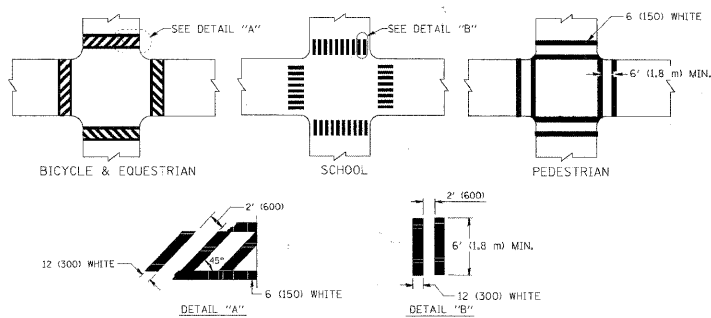
DATE  
BY  
PLAN  
CHECKED  
NOTED  
NO.

DATE  
BY  
PROFILE  
CHECKED  
NOTED  
NO.

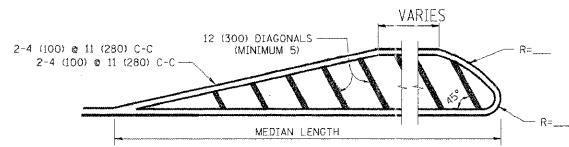
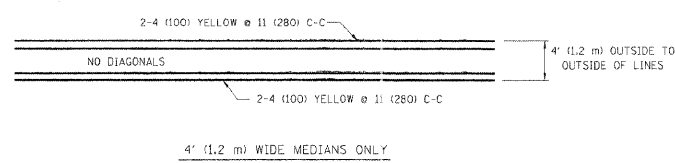


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

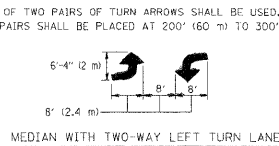
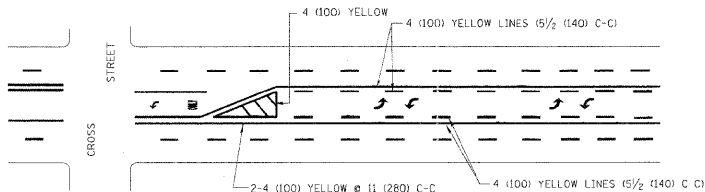


TYPICAL CROSSWALK MARKING

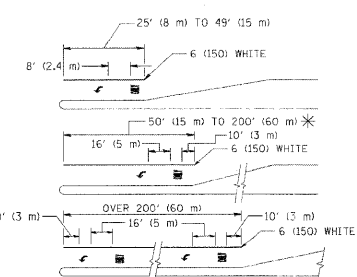


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE



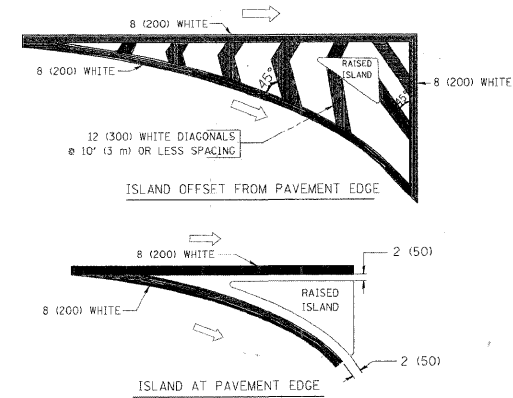
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C 30 MPH (50 km/h) TO 45MPH (70 km/h) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME =	USER NAME = drvakogrn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
DATE = 3/28/2011	DATE = 9/5/2009	DRAWN -	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 1/8" = 1'	CHECKED -	DATE = 03-19-90	REVISED -
PLOT DATE = 3/28/2011	DATE = 03-28-2011	REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET NO. 1 OF 1	SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					TC-13		CONTRACT NO.		
					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME =  
D1353887-SHT-DET-02.DGN

USER NAME = malopez	DESIGNED - JC	REVISED -
DATE = 3/28/2011	DRAWN - BH	REVISED -
	CHECKED - DW	REVISED -
	DATE = 03-28-2011	REVISED -

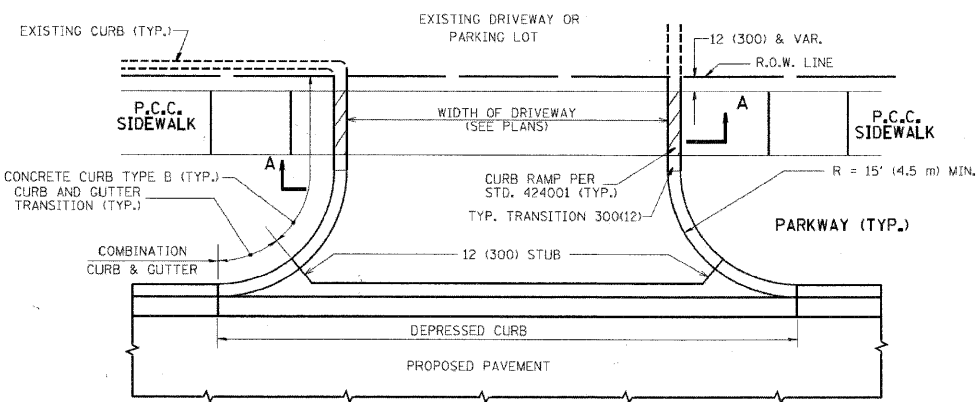
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
MISCELLANEOUS DETAILS

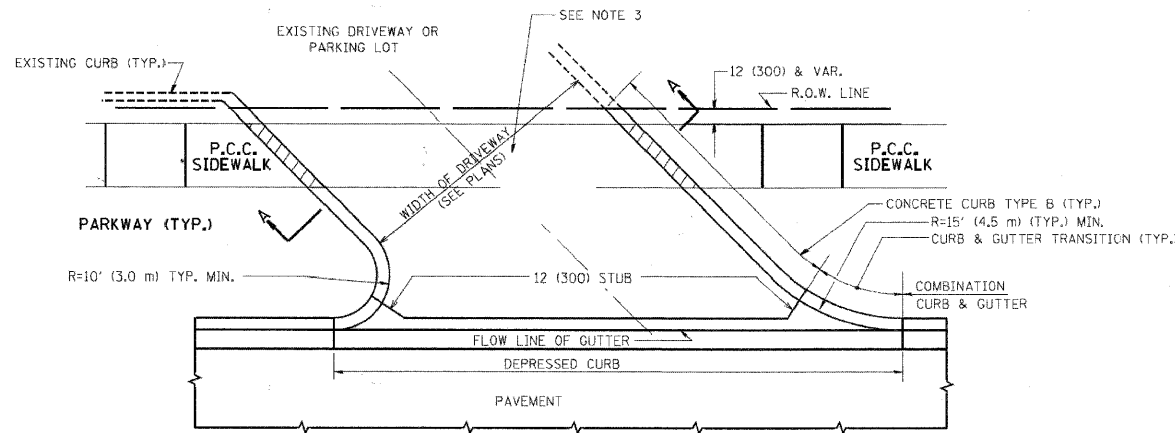
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				2674	06-00034-00-PV	DUPAGE	69	50
				BD-32		CONTRACT NO. 63581		
				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NOTED	
FILE NAME	
PLAN	
NOTE BOOK	
NO.	

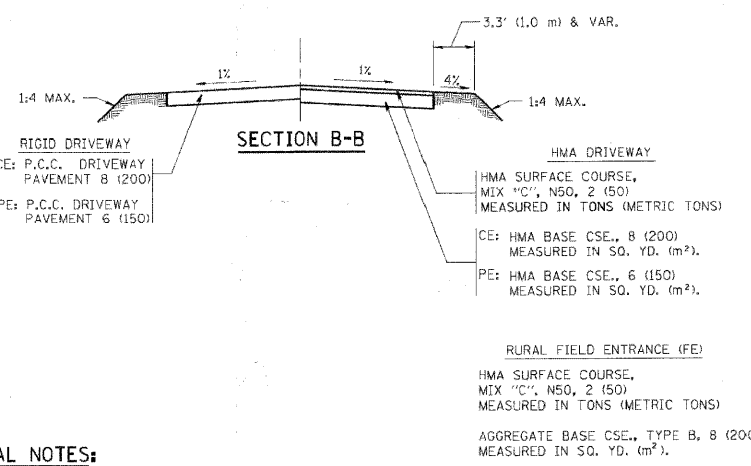
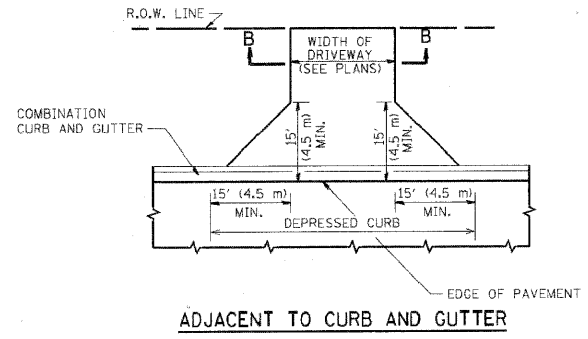
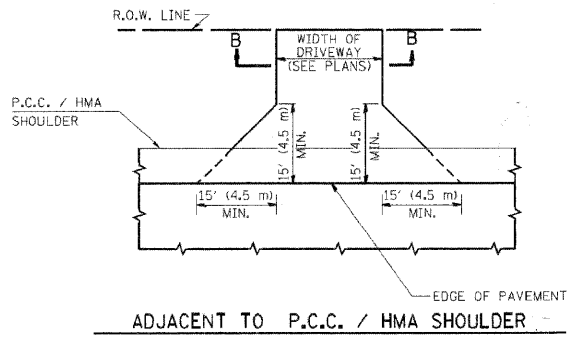
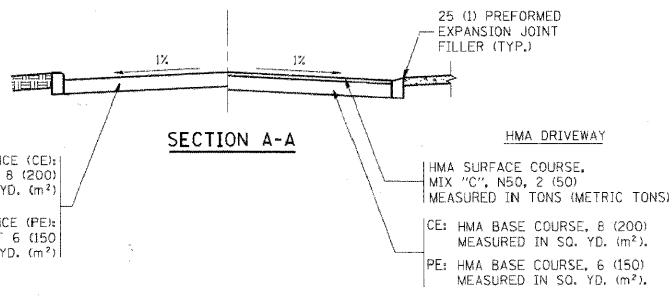
DATE	
BY	
REVISIONS	
PLANNED	
ALIGNED	
CHECKED	
NOTED	
FILE NAME	
PROFILE	
NOTE BOOK	
NO.	



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



GENERAL NOTES:

- DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
- COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.
- COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.
- 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.
- WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
g:\projects\diststd22x34\bd01.dgn		DRAWN -	REVISED - P. LOFLUER 04-15-03
		CHECKED - DW	REVISED - R. BORO 01-01-07
		DATE - 11-04-95	REVISED - R. BORO 06-11-08

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD0156-07 (BD-01)		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME =	USER NAME = malopez	DESIGNED -	REVISED -
D1353887-SHT-DET-03.DGN		DRAWN - BH	REVISED -
		CHECKED - DW	REVISED -
		DATE - 03-28-2011	REVISED -

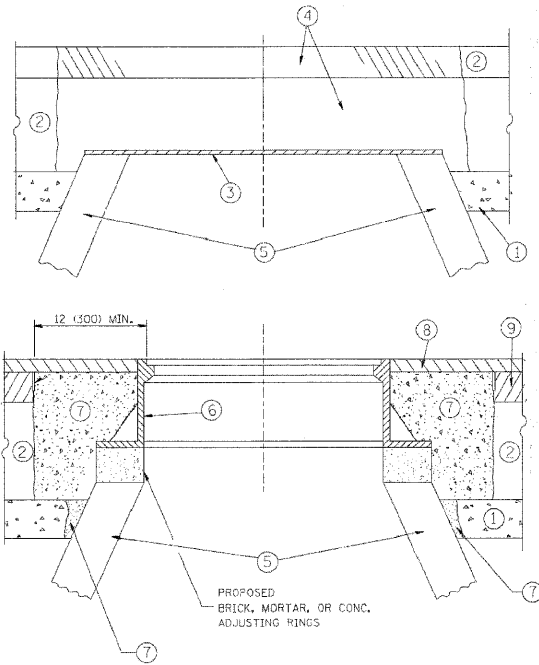
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

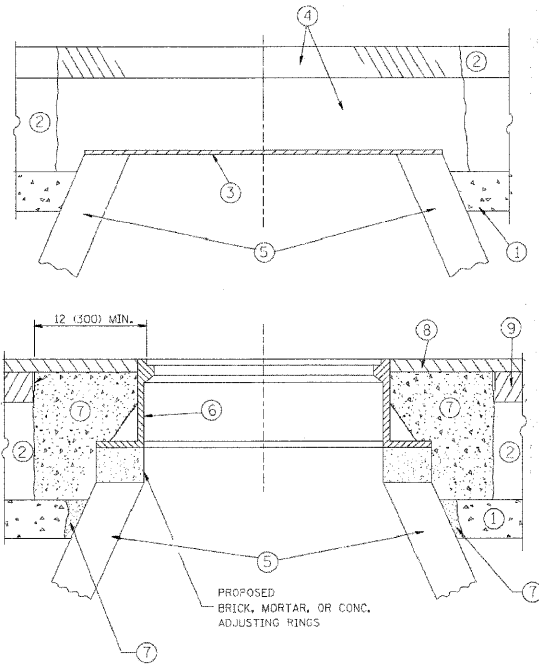
VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST MISCELLANEOUS DETAILS	
SCALE:	SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	51
BD-32		CONTRACT NO. 63581		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	BY	REVISION

DATE	BY	REVISION

<p style="text-align: center;">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	 <p style="text-align: center;"><b>DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING</b></p>
---	---



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
  - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
  - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- \* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

**LEGEND**

- |  |                               |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL                 | ⑥ FRAME AND LID (SEE NOTES)   |
| ② EXISTING PAVEMENT                          | ⑦ CLASS PP-1* CONCRETE        |
| ③ 36 (900) DIAMETER METAL PLATE              | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE  |
| ⑤ EXISTING STRUCTURE                         |                               |

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE JURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:**

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL." NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = c:\pawork\pawork\lajsp\101101315\1-d08.dwg	USER NAME = lajsp	DESIGNED = R. SHAH	REVISED = A. ABBAS 03-21-97
		DRAWN =	REVISED = R. NIEDEMAN 05-14-04
PLOT SCALE = 49.9999 1 / IN.	CHECKED =	DATE = 10-25-94	REVISED = R. BORO 01-01-07
PLOT DATE = 3/18/2011			REVISED = R. BORO 03-09-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
BD600-03 (BD-8)			CONTRACT NO.	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

FILE NAME =  
D1363887-SHT-DET-04.DGN

USER NAME = molopez	DESIGNED =	REVISED =
	DRAWN = BH	REVISED =
PLOT SCALE = \$SCALE\$	CHECKED = DW	REVISED =
PLOT DATE = 3/31/2011	DATE = 03-28-2011	REVISED =

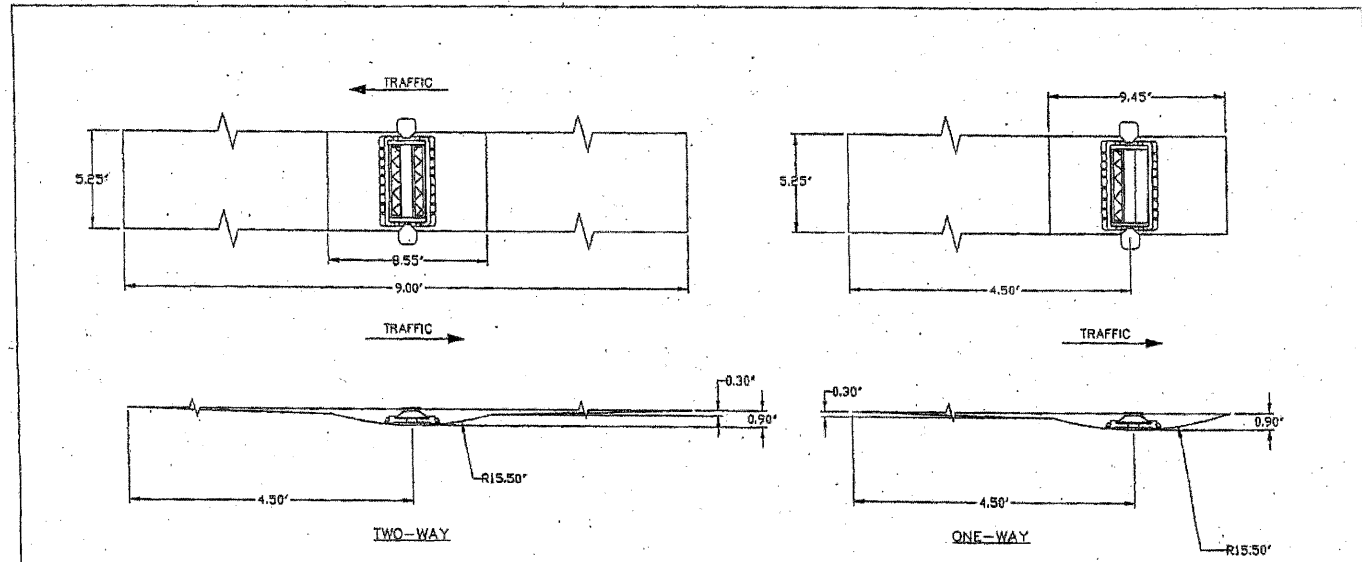
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST  
MISCELLANEOUS DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	52
BD-32			CONTRACT NO. 63581	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
1. SURVEYED	
2. ALIGNED	
3. CHECKED	
4. RT. OF WAY	
5. CHECKED	
6. P.O.D. FILE	
7. MADE	
PLAN	
NOTE BOOK	
NO.	

DATE	
BY	
REVISIONS	
1. SURVEYED	
2. GRADES	
3. CHECKED	
4. B.M. NOTED	
5. STRUCTURE	
6. NOTATIONS	
7. CHECKED	
PROFILE	
NOTE BOOK	
NO.	



**RECESSED REFLECTIVE PAVEMENT MARKERS**

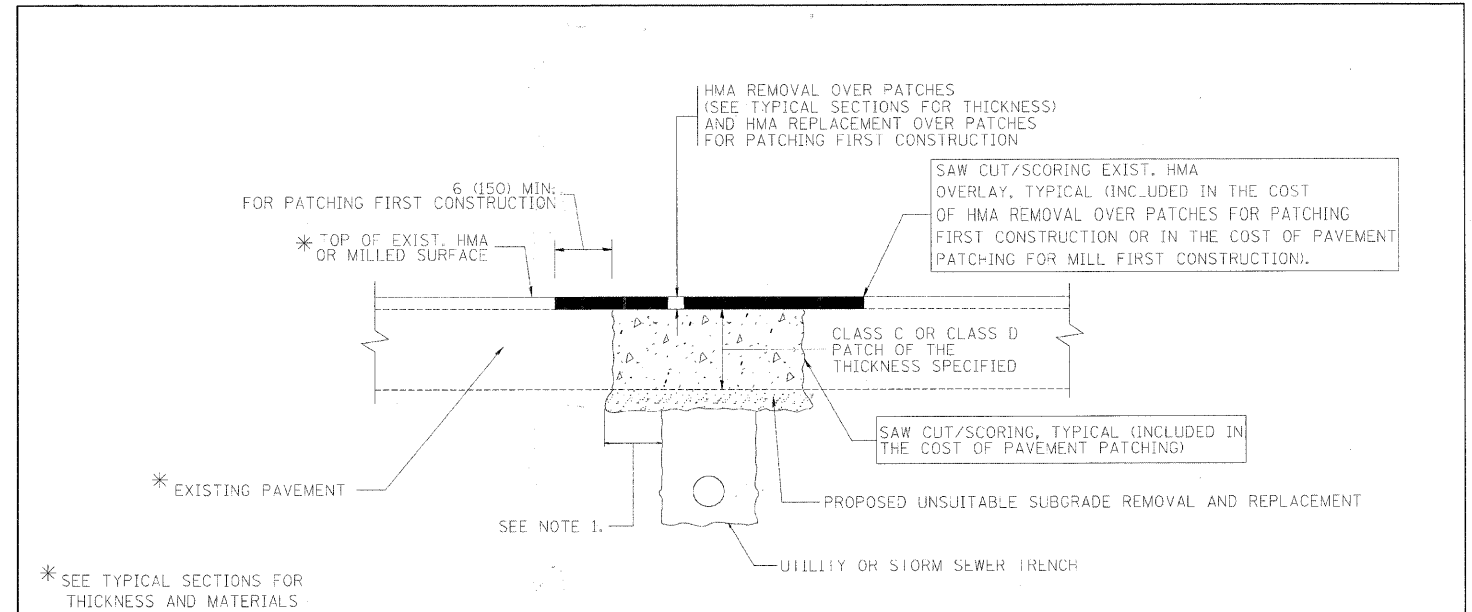
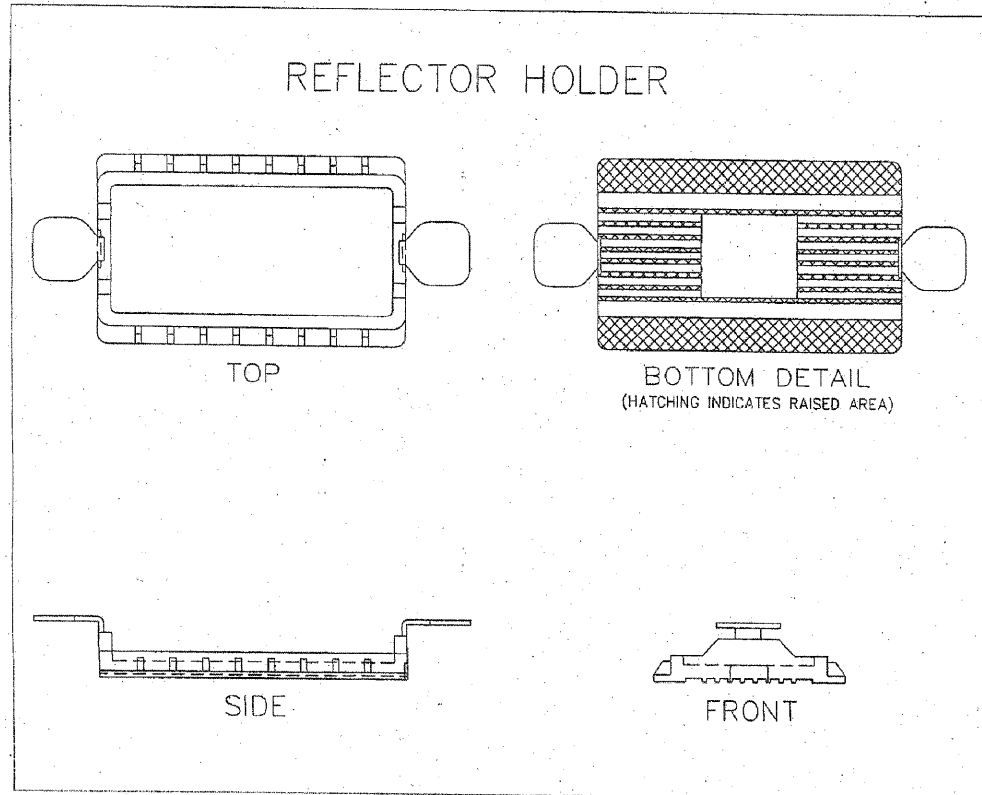
**INSTALLATION NOTES:**

1. SAW CUT TO DIMENSIONS SHOWN.
2. SAW CUT AREAS ARE TO BE DRY AND FREE OF MATERIAL THAT ADVERSELY AFFECTS THE ADHESIVE BOND.
3. INSTALL THE REFLECTOR WITH AN APPROVED TWO-COMPONENT EPOXY ADHESIVE. EPOXY SHOULD NOT OBSCURE OR BLOCK THE LENS.
4. REFLECTOR SHALL BE 3M SERIES 190 OR APPROVED EQUIVALENT.

**GENERAL NOTES:**

1. INSTALLATION SHALL CONFORM TO IDOT HIGHWAY STANDARD 781001-03 (OR LATEST) FOR MARKER PLACEMENT.
2. IDOT STANDARD 781001-03 SHALL BE MODIFIED TO REFLECT RECESSED PAVEMENT MARKERS INSTEAD OF RAISED PAVEMENT MARKERS.

TYPICAL RECESSED REFLECTIVE PAVEMENT MARKERS



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS UNLESS OTHERWISE SHOWN)

FILE NAME	USER NAME	DESIGNED	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	SHEET NO.	TOTAL SHEETS	SECTION	COUNTY	CONTRACT NO.
2674	malopez	BH	03-28-2011	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	4	5	06-00034-00-PV	DUPAGE	69 53

FILE NAME = D1363887-SHT-DET-05.DGN

USER NAME = malopez	DESIGNED -	REVISED -
DRAWN - BH	REVISIONS -	
CHECKED - DW	REVISIONS -	
DATE - 03-28-2011	REVISIONS -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

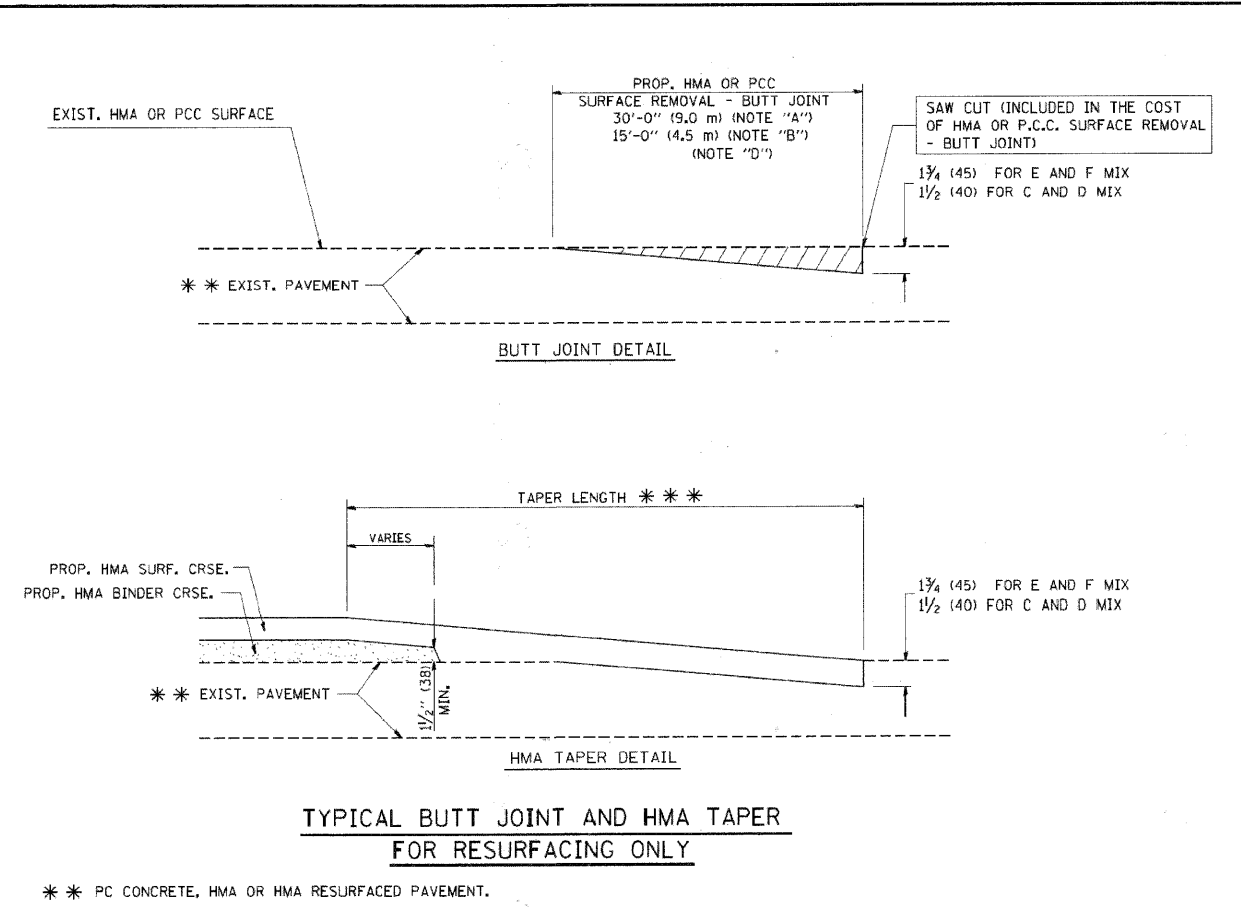
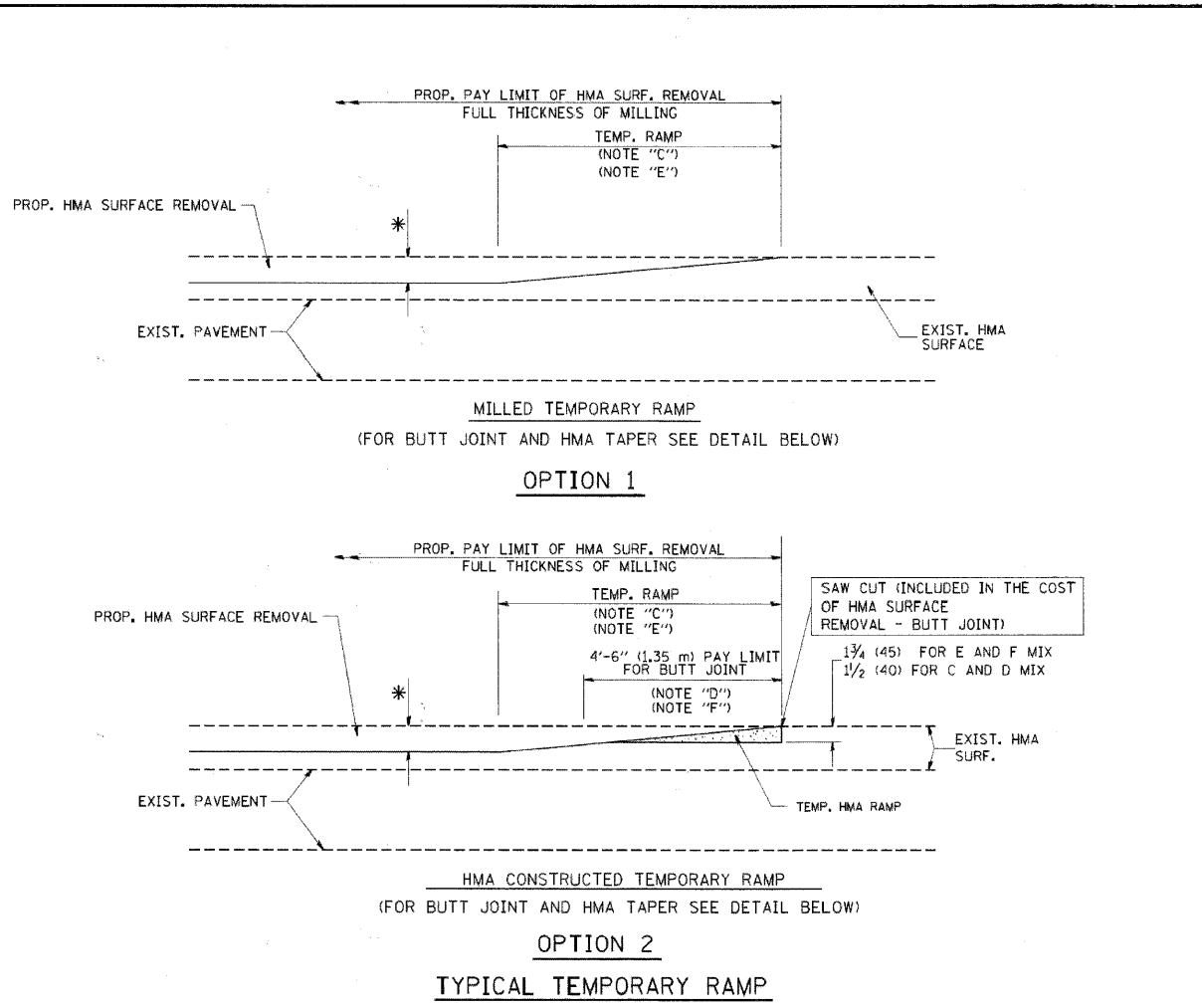
VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST MISCELLANEOUS DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	53
BD-32		CONTRACT NO. 63581		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCALE: NTS SHEET NO. 4 OF 5 SHEETS STA. TO STA.

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	

DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	
DATE	
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
REVISIONS	
NO.	



**NOTES**

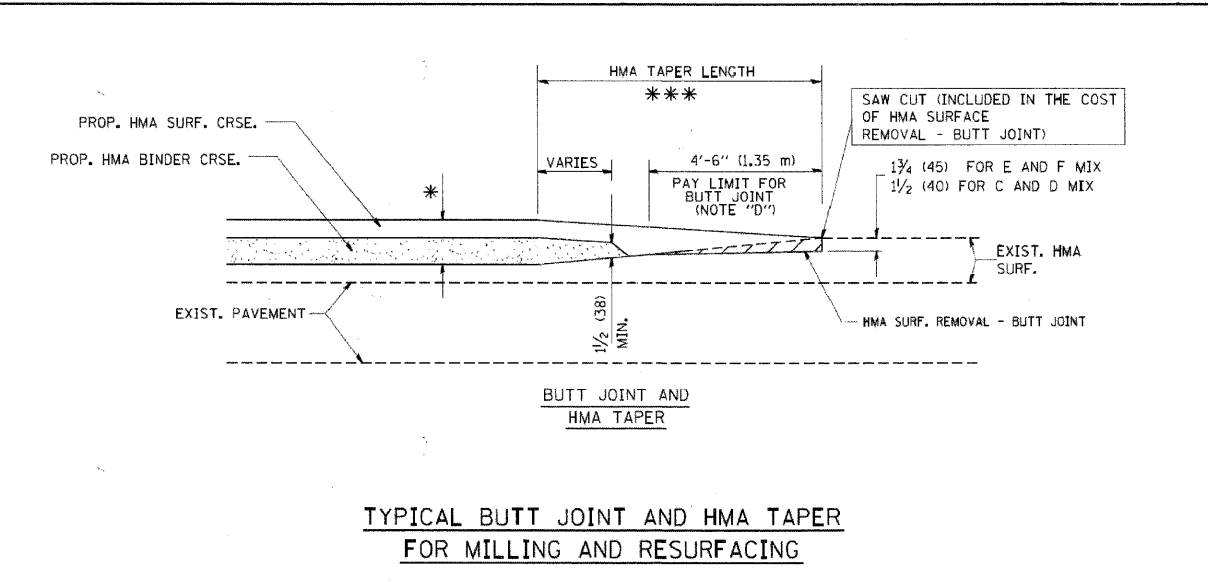
A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.  
 B: MINOR SIDE ROADS.  
 C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.  
 D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.  
 E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.  
 F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.  
 G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

\* \* \* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**  
 THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

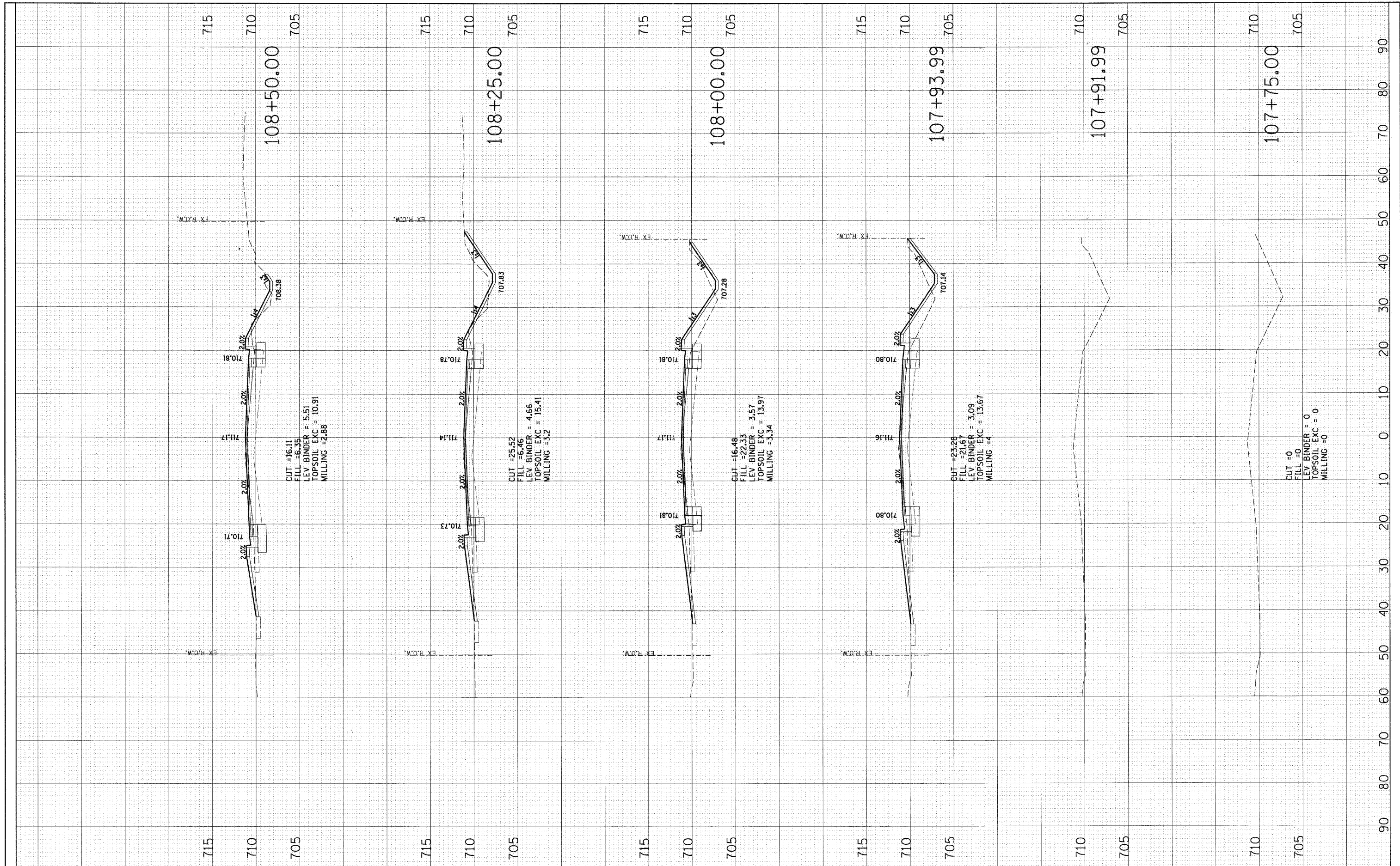


FILE NAME = W:\cbstst01\22x34\bd32.dgn	USER NAME = gaglianob	DESIGNED - M. DE YONG	REVISIONS - R. SHAH 10-25-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BUTT JOINT AND HMA TAPER DETAILS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISIONS - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD400-05	BD32	CONTRACT NO.	
		PLOT SCALE = 50.0000" = 1" IN.	REVISIONS - M. GOMEZ 04-06-01									
		PLOT DATE = 1/4/2006	REVISIONS - R. BORO 01-01-07									

FILE NAME = D:\353887-SHT-DET-06.DGN	USER NAME = molopez	DESIGNED -	REVISIONS -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>VILLAGE OF BURR RIDGE JOLIET RD AT MADISON ST MISCELLANEOUS DETAILS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - BH	REVISIONS -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	2674	06-00034-00-PV	DUPAGE	69 54
		PLOT SCALE = #SCALE#	REVISIONS -							BD-32	CONTRACT NO. 63581	
		PLOT DATE = 3/28/2011	REVISIONS -									

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

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



FILE NAME = D876D91-shr-ss-joliet.W.dgn

USER NAME = malopez  
 PLOT SCALE = #SCALE#  
 PLOT DATE = 3/28/2011

DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

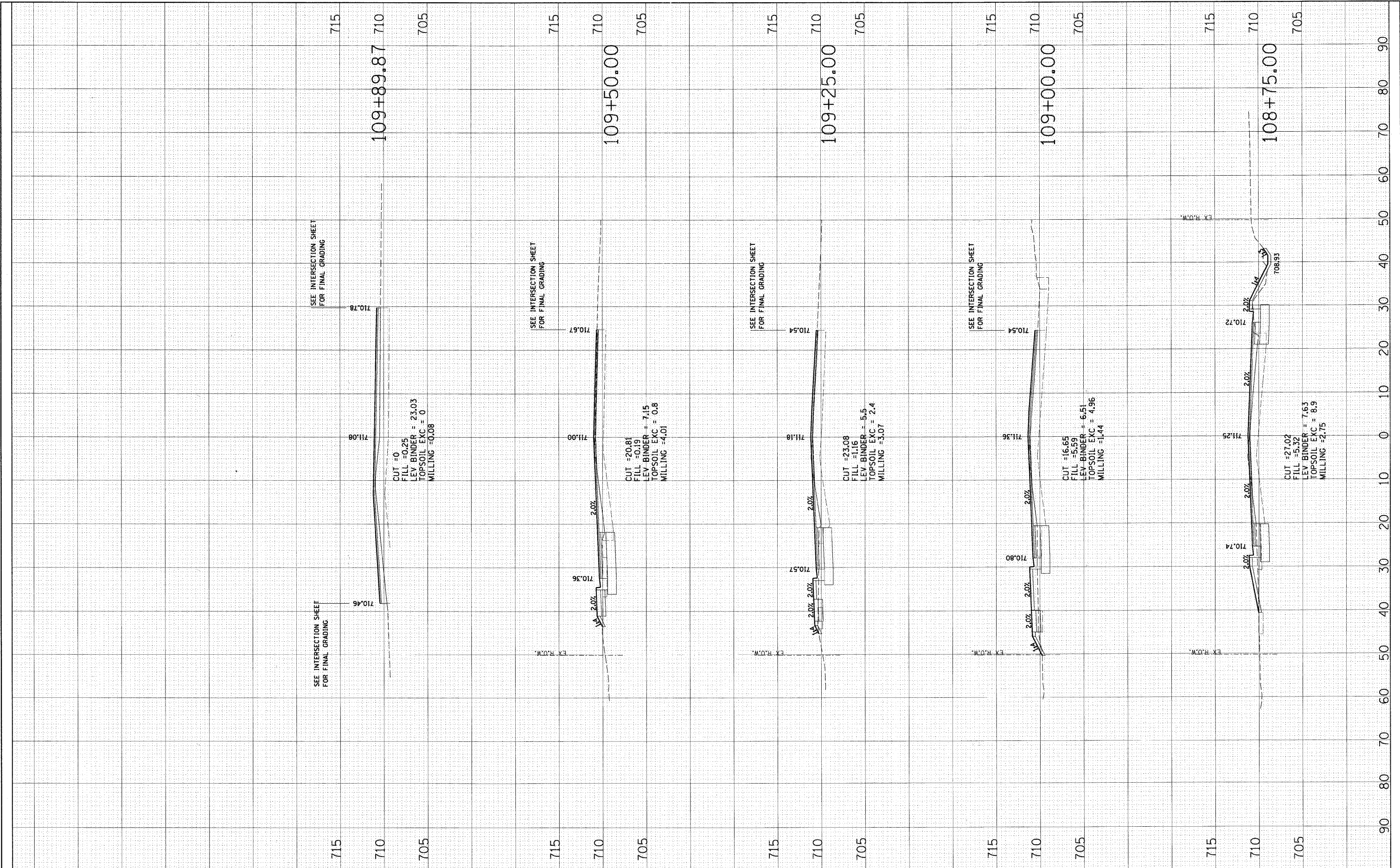
**CROSS SECTIONS  
 JOLIET ROAD (WEST)**

SCALE: SHEET NO. OF SHEETS STA. 107+75.00 TO STA. 108+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	55
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63581	

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

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



FILE NAME = DB76D91-shr'xs-joliet\_w.dgn

USER NAME = malopez  
 PLOT SCALE = \*SCALE\*  
 PLOT DATE = 3/28/2011

DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 JOLIET ROAD (WEST)**

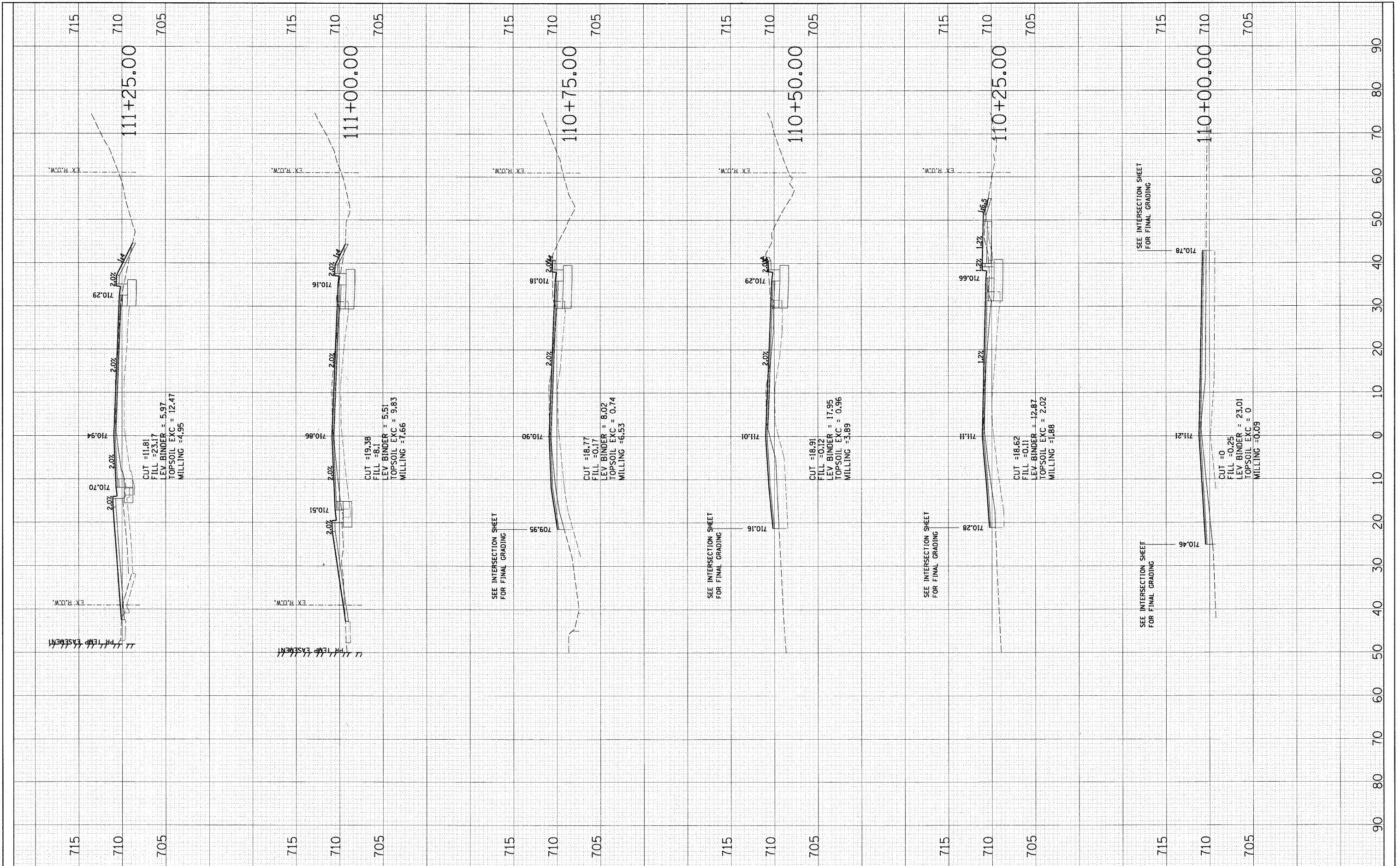
SCALE: SHEET NO. OF SHEETS STA. 108+75.00 TO STA. 109+89.87

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	56
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63581	



FINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
NO.	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTE BOOK	
NO.	
AREAS CHECKED	



FILE NAME = D876D91-sh1-xa-joliet.E.dgn

USER NAME = maiopez  
DESIGNED JLC  
DRAWN BAH  
CHECKED -  
DATE -

REVISIONS:  
REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

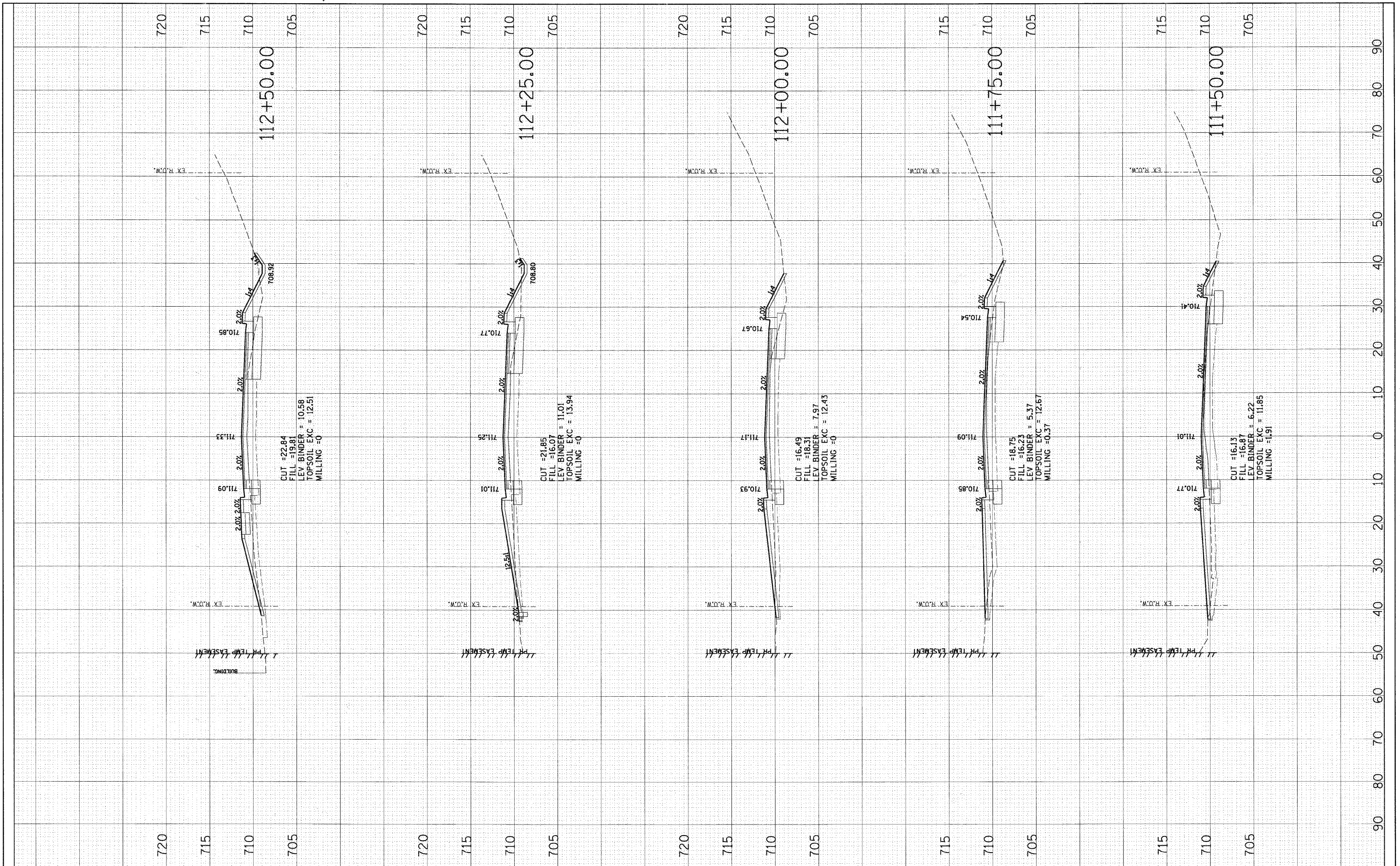
**CROSS SECTIONS  
JOLIET ROAD (EAST)**

SCALE: SHEET NO. OF SHEETS STA. 110+00.00 TO STA. 111+25.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	57
CONTRACT NO. 63581				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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

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



FILE NAME = DB76D91-sh1-x-joliet.E.dgn  
 USER NAME = malopez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISIONS	REVISOR	DATE
REVISIONS	REVISOR	DATE
REVISIONS	REVISOR	DATE
REVISIONS	REVISOR	DATE

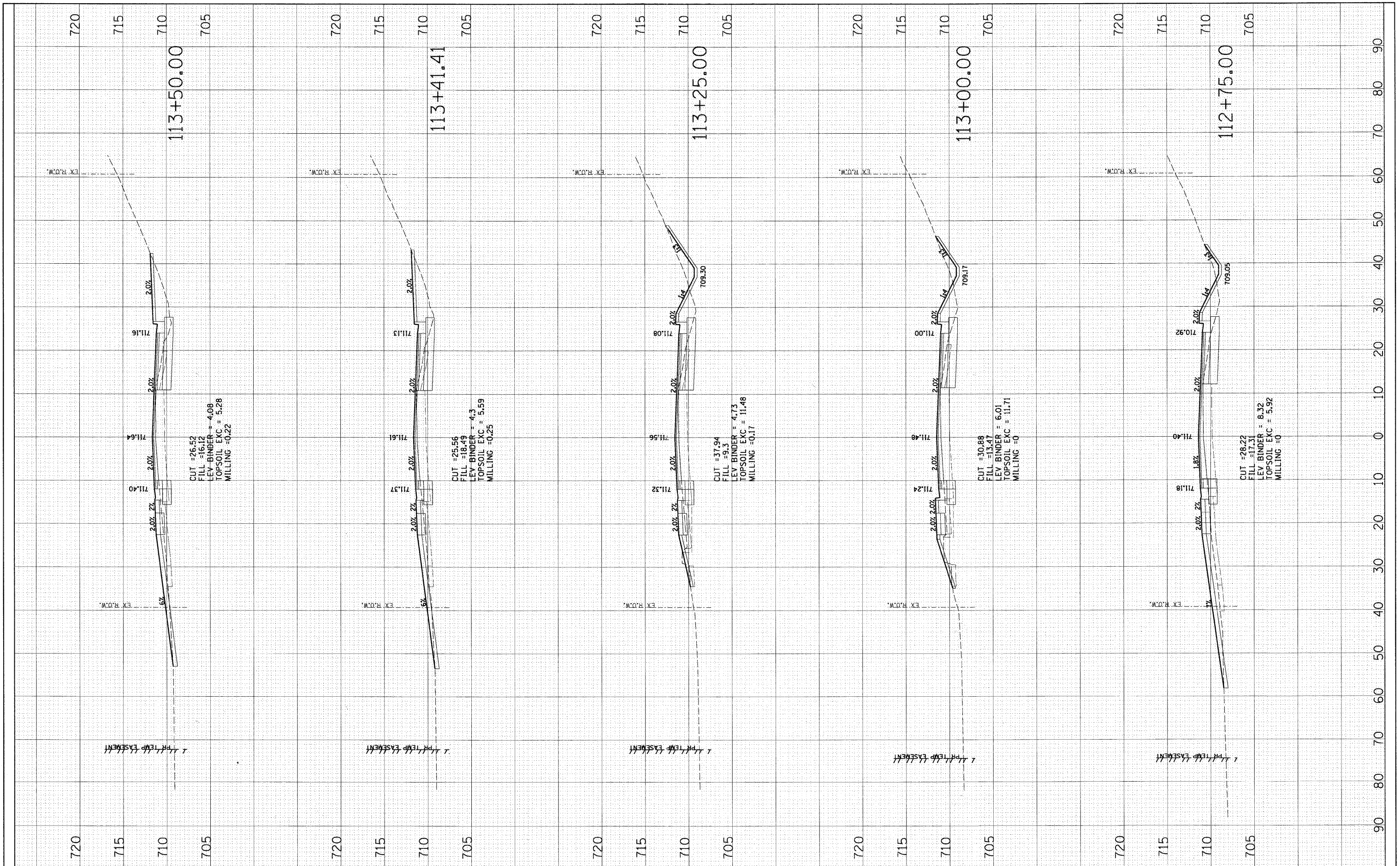
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 JOLIET ROAD (EAST)**  
 SCALE: SHEET NO. OF SHEETS STA. 111+50.00 TO STA. 112+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	58
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = 0876091-sht-x8-joliet.E.dgn  
 USER NAME = malopez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISIONS  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

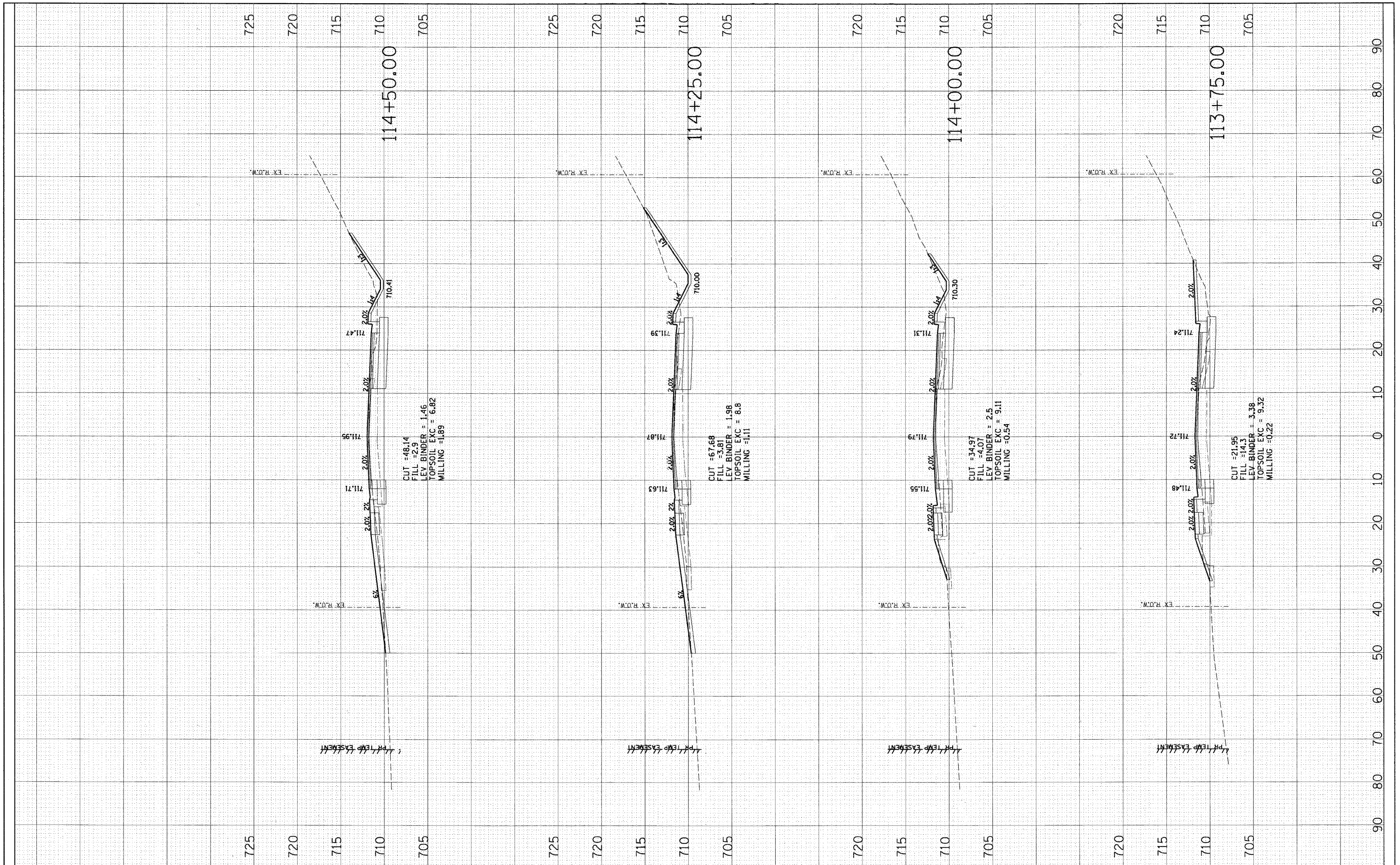
CROSS SECTIONS  
 JOLIET ROAD (EAST)

SCALE: SHEET NO. OF SHEETS STA. 112+75.00 TO STA. 113+50.00

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	59
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = D876D91-sh1-x-joliet.E.dgn

USER NAME = malopez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

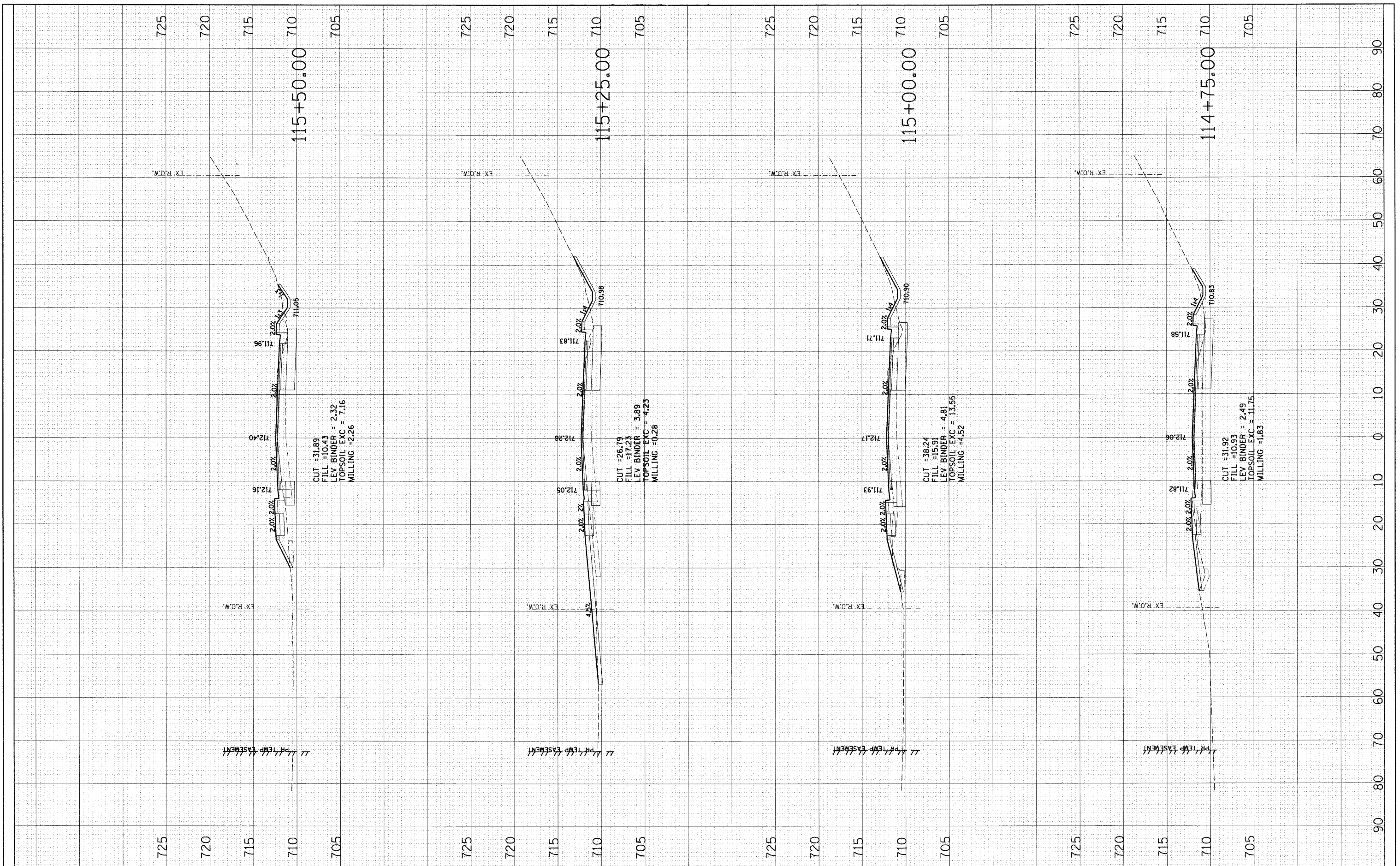
CROSS SECTIONS  
 JOLIET ROAD (EAST)

SCALE: SHEET NO. OF SHEETS STA. 113+75.00 TO STA. 114+50.00

F.A. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	60
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 63581		

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

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



FILE NAME = 0876091-shr-x-joliet.E.dgn

USER NAME = malopez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

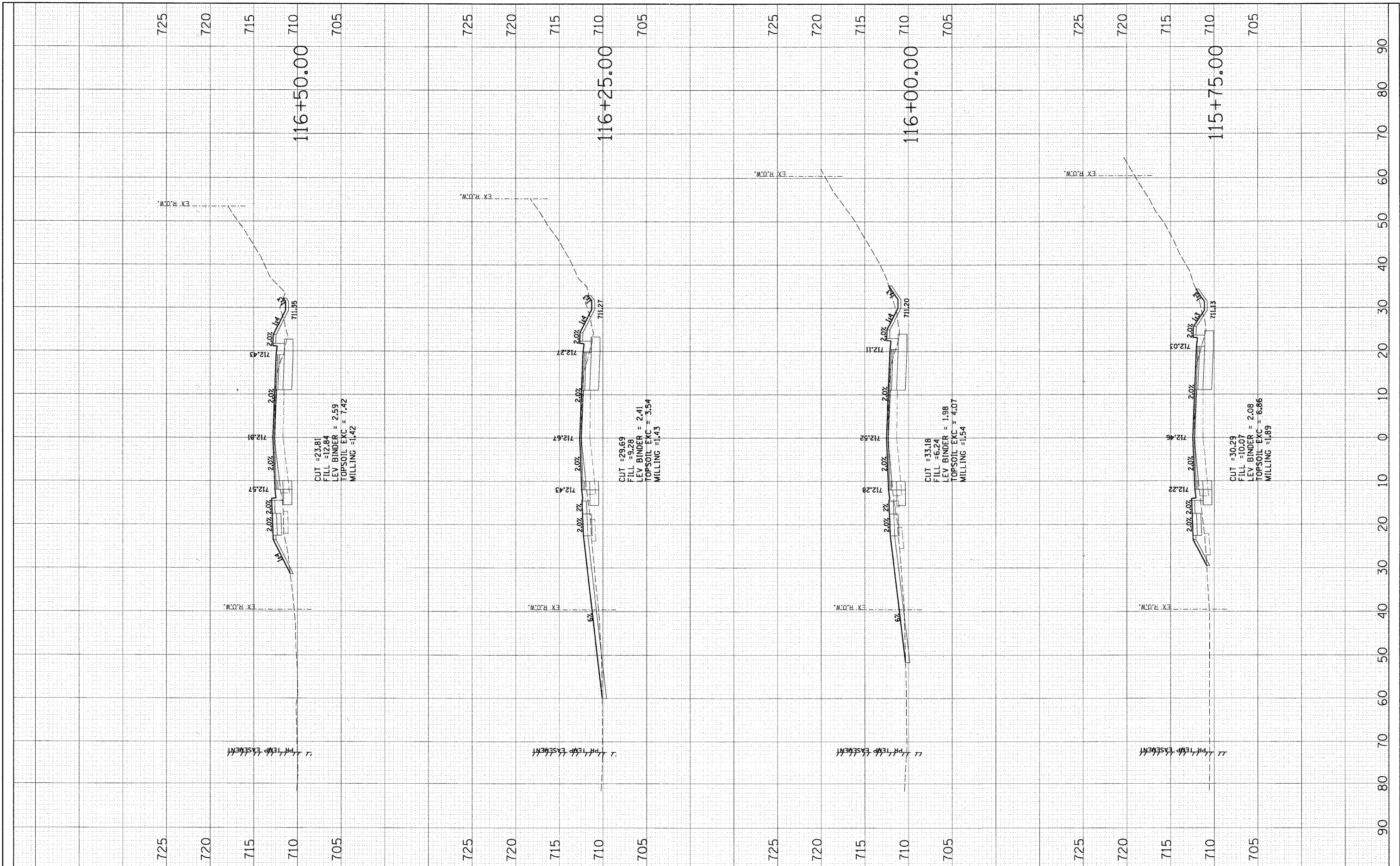
**CROSS SECTIONS  
 JOLIET ROAD (EAST)**

SCALE: SHEET NO. OF SHEETS STA. 114+75.00 TO STA. 115+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	61
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME =  
 D876D91-sht-xs-joliet.E.dgn

USER NAME = malopez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

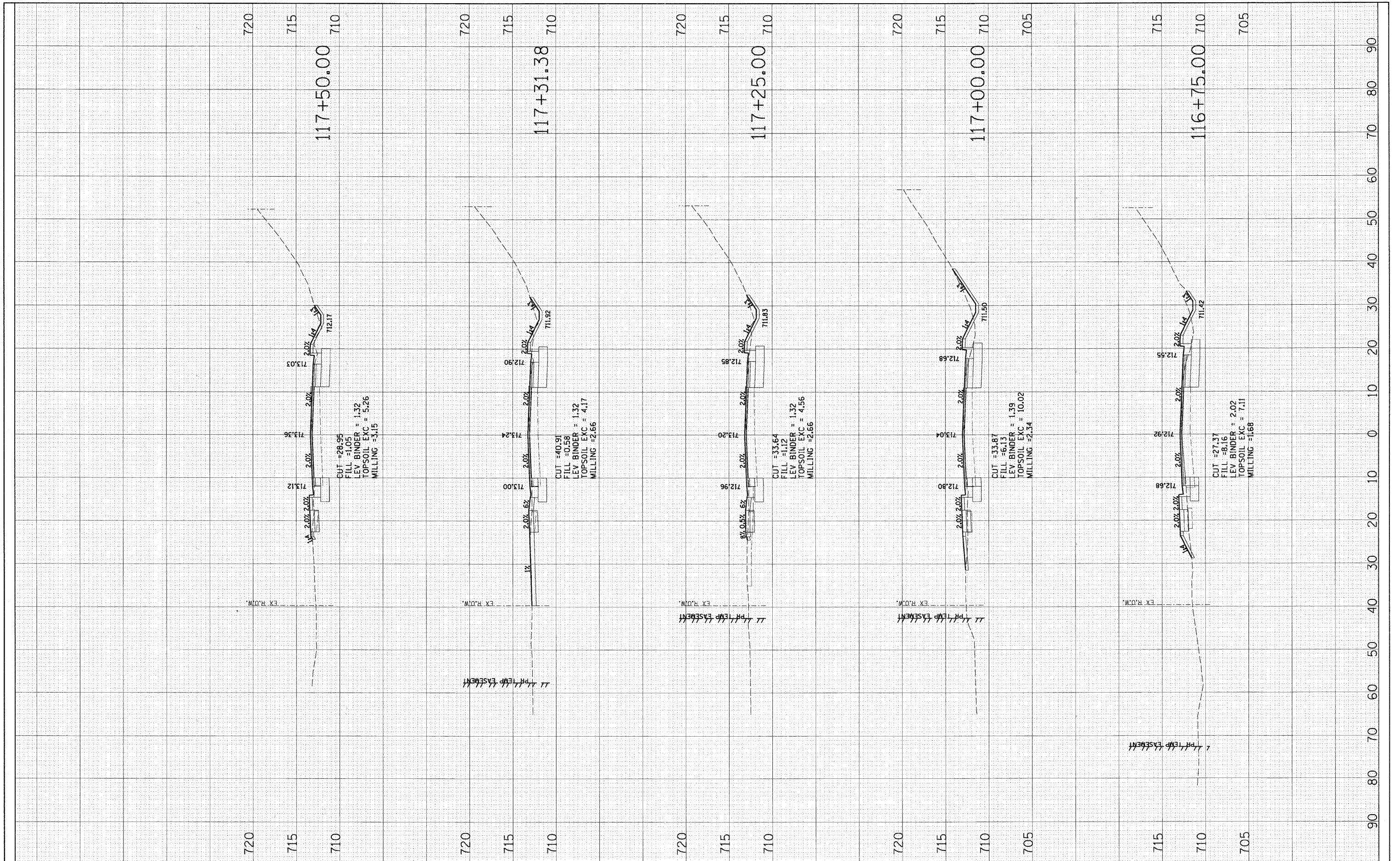
**CROSS SECTIONS  
 JOLIET ROAD (EAST)**

SCALE: SHEET NO. OF SHEETS STA. 115+75.00 TO STA. 116+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	62
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = 0876091-shr-xa-joliet.E.dgn

USER NAME = malepez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -  
 PLOT SCALE = \*SCALE\*  
 PLOT DATE = 3/28/2011

REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -

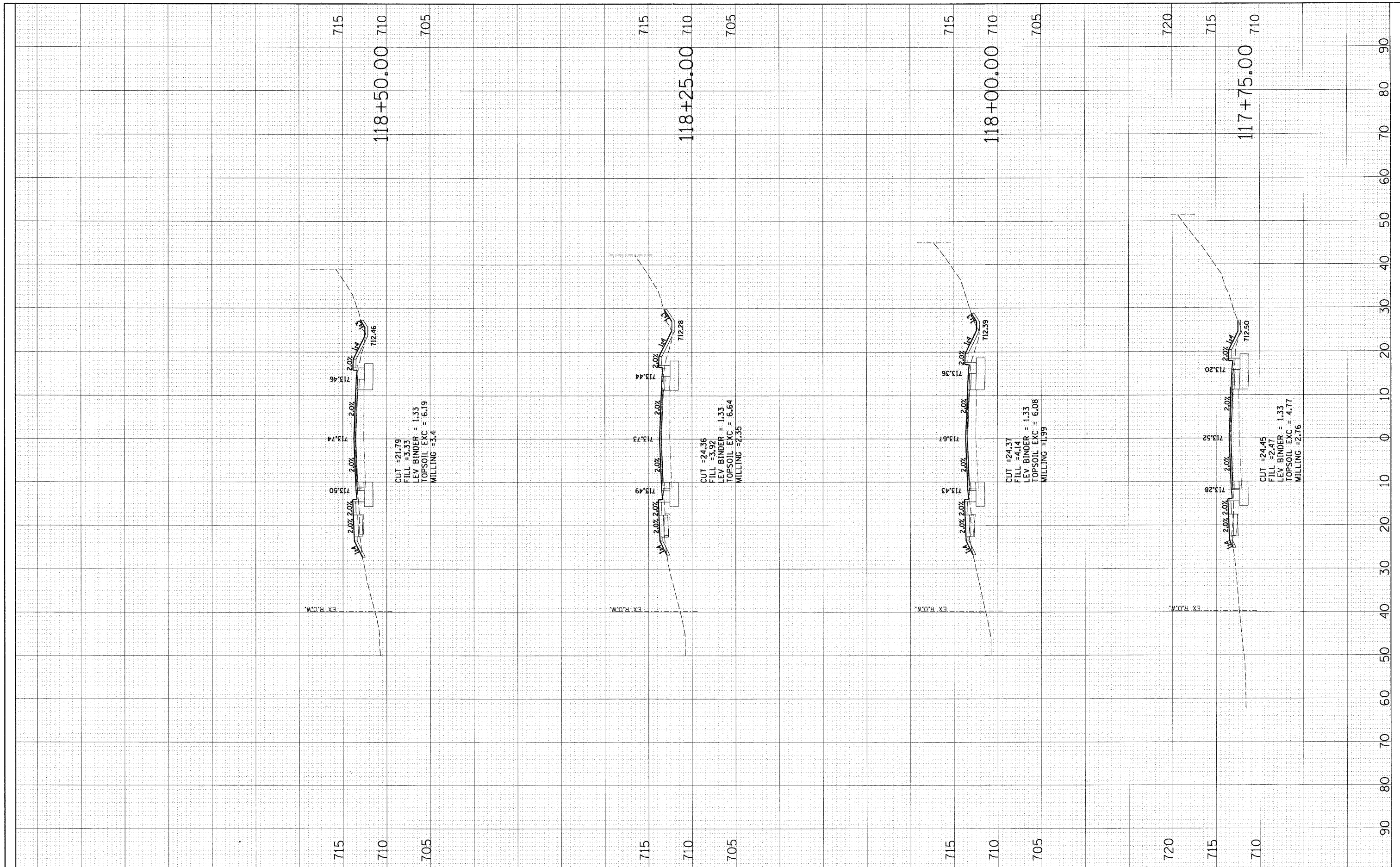
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 JOLIET ROAD (EAST)**  
 SCALE: SHEET NO. OF SHEETS STA. 116+75.00 TO STA. 117+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	63
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = D876D91-sht-xs-joliet.E.dgn

USER NAME = molopez  
 PLOT SCALE = 1"=40'  
 PLOT DATE = 3/28/2011

DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 JOLIET ROAD (EAST)**

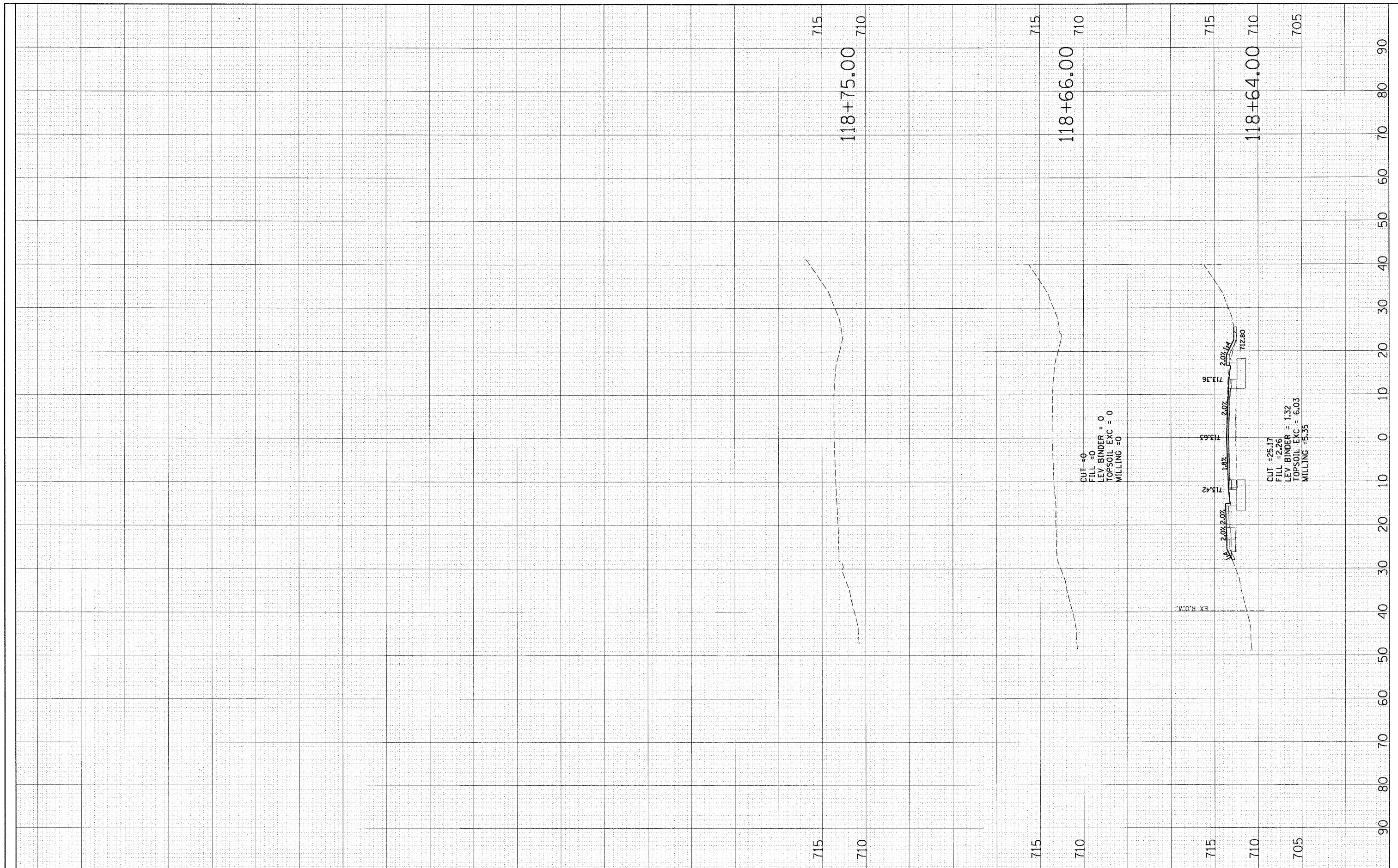
SCALE: SHEET NO. OF SHEETS STA. 117+75.00 TO STA. 118+66.00

F.A. RTE. 2674	SECTION 06-00034-00-PV	COUNTY DUPAGE	TOTAL SHEETS 69	SHEET NO. 64
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 63581				



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

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



FILE NAME = DB76D91-sht-xs-joliet.E.dgn

USER NAME = malopez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISIED -  
 REVISIED -  
 REVISIED -  
 REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

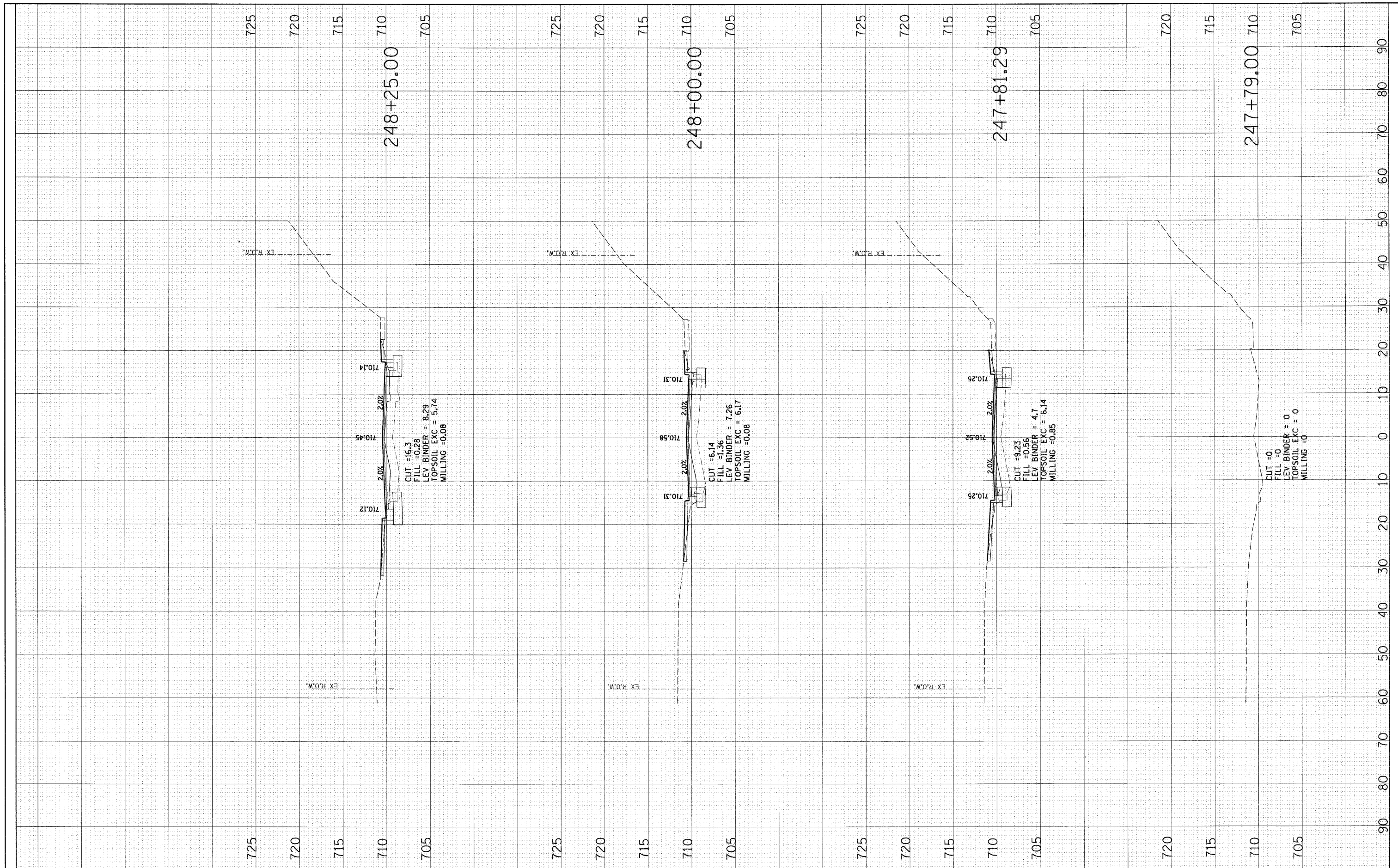
**CROSS SECTIONS  
 JOLIET ROAD (EAST)**

SCALE: SHEET NO. OF SHEETS STA. 118+75.00 TO STA. 118+75.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV		69	65
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 63581	

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

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



FILE NAME = D876D91-sh1-x-madison.dgn

USER NAME = malopez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -  
 PLOT SCALE = \*SCALE\*  
 PLOT DATE = 3/28/2011

REVISD -  
 REVISD -  
 REVISD -  
 REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

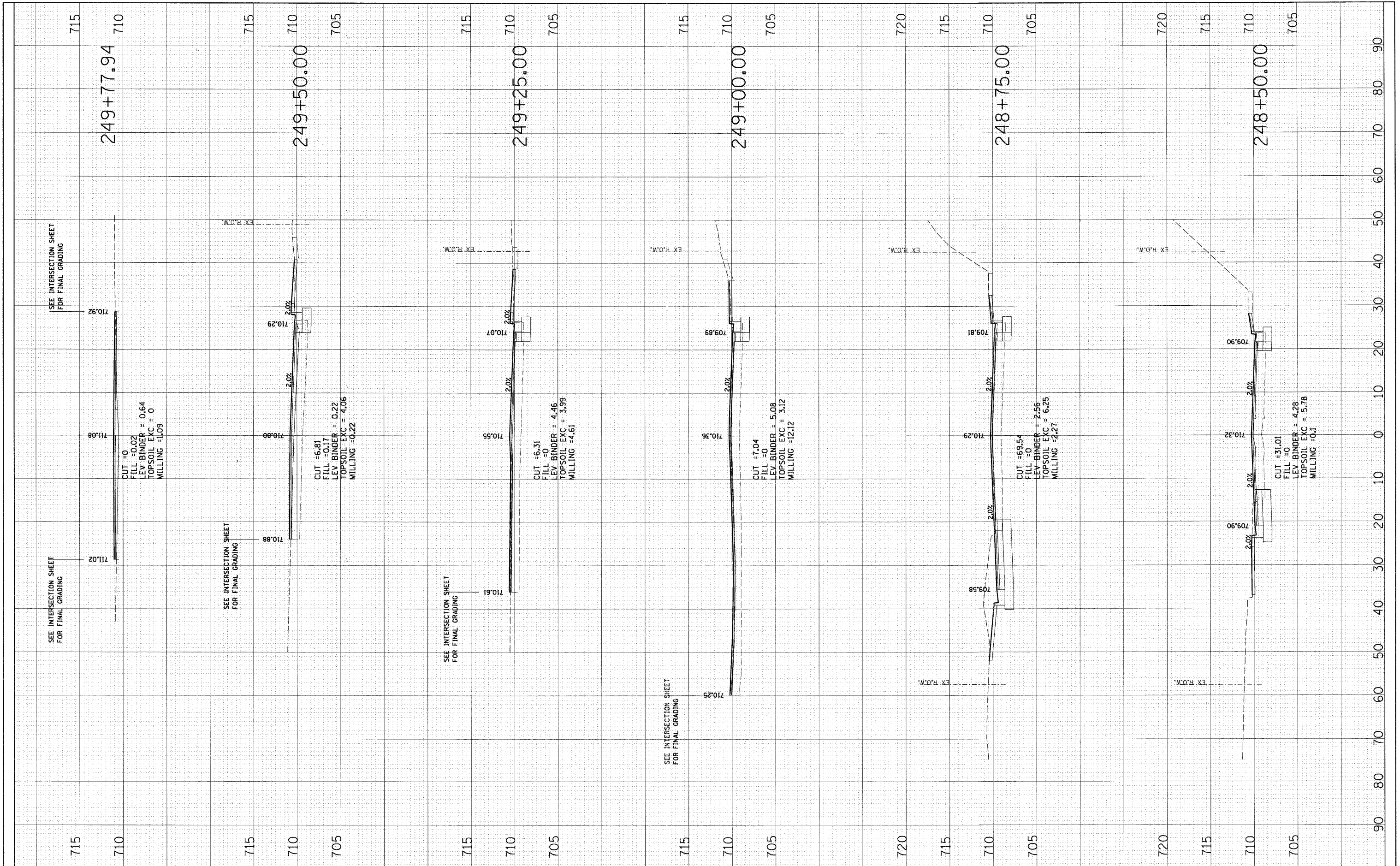
SCALE: SHEET NO. OF SHEETS STA. 247+79.00 TO STA. 248+25.00

**CROSS SECTIONS  
 MADISON STREET**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	66
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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

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



FILE NAME = D876D91-sh-tr-xe-madison.dgn

USER NAME = malopez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS  
 MADISON STREET

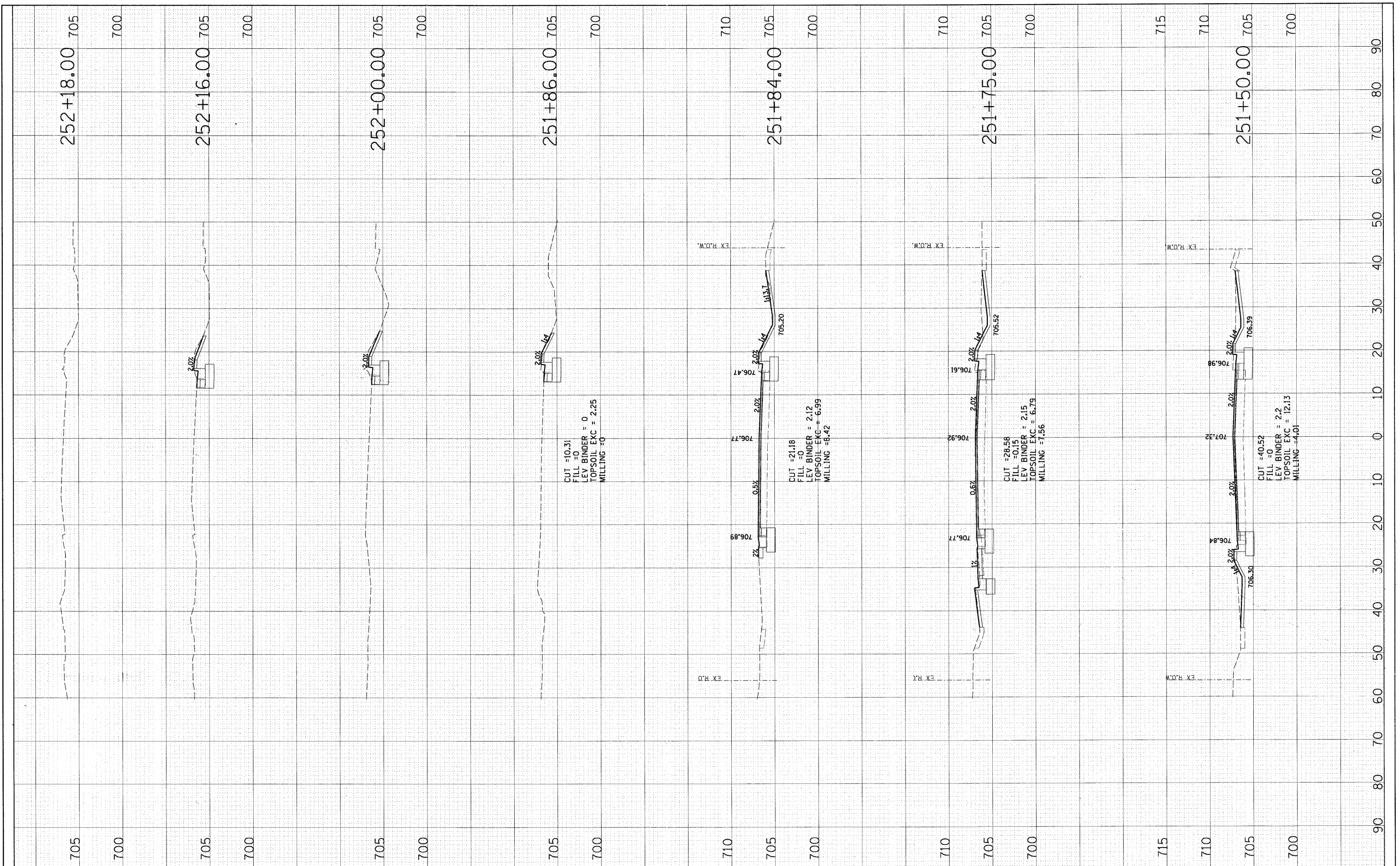
SCALE: SHEET NO. OF SHEETS STA. 248+50.00 TO STA. 249+77.94

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	67
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FINAL SURVEY	DATE
SURVEYED	BY
NOTED	BY
TEMP. PLATE	DATE
AREAS CHECKED	
NO.	

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTED	BY
TEMP. PLATE	DATE
AREAS CHECKED	
NO.	



FILE NAME = DB76D91-shr-x-madison.dgn

USER NAME = malopez  
 DESIGNED JLC  
 DRAWN BAH  
 CHECKED -  
 DATE -

REVISIONS:  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS  
 MADISON STREET**  
 SCALE: SHEET NO. OF SHEETS STA. 251+50.00 TO STA. 252+18.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2674	06-00034-00-PV	DUPAGE	69	69
CONTRACT NO. 63581				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				