

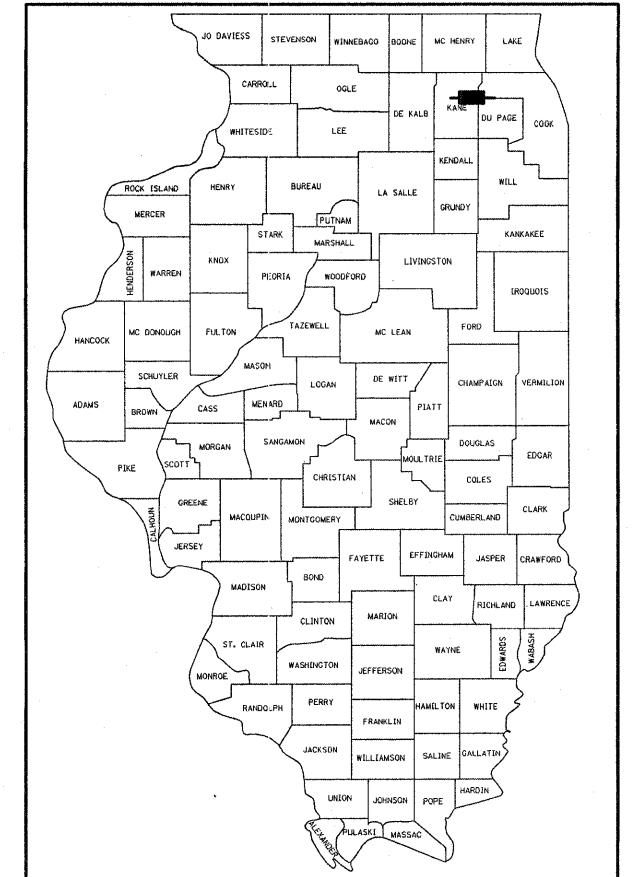
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	1	1
FED. ROAD DIST. NO.	ILLINOIS CONTRACT NO.		63073	

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

F.A.P. ROUTE 361 (IL RTE 31 /McLEAN BLVD.)
 FROM IL ROUTE 31 TO NORTH OF LANCASTER CIRCLE
 SECTION 06-00214-10-BR
 PROJECT HPP-1527(009)
 KANE COUNTY
 C-91-245-06

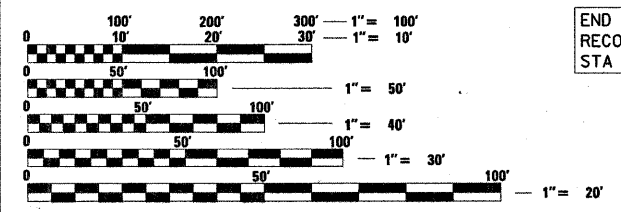
FOR INDEX OF SHEETS & LIST OF STATE STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA:
 2020 ADT = 19,000 VEHICLES (IL RTE 31-MINOR ARTERIAL)
 2020 ADT = 18,000 VEHICLES (McLEAN BLVD-MINOR ARTERIAL)
 DESIGN SPEED = 45 MPH (IL RTE 31 AND McLEAN BLVD)



LOCATION OF SECTION INDICATED THIS: - [Black Box] -

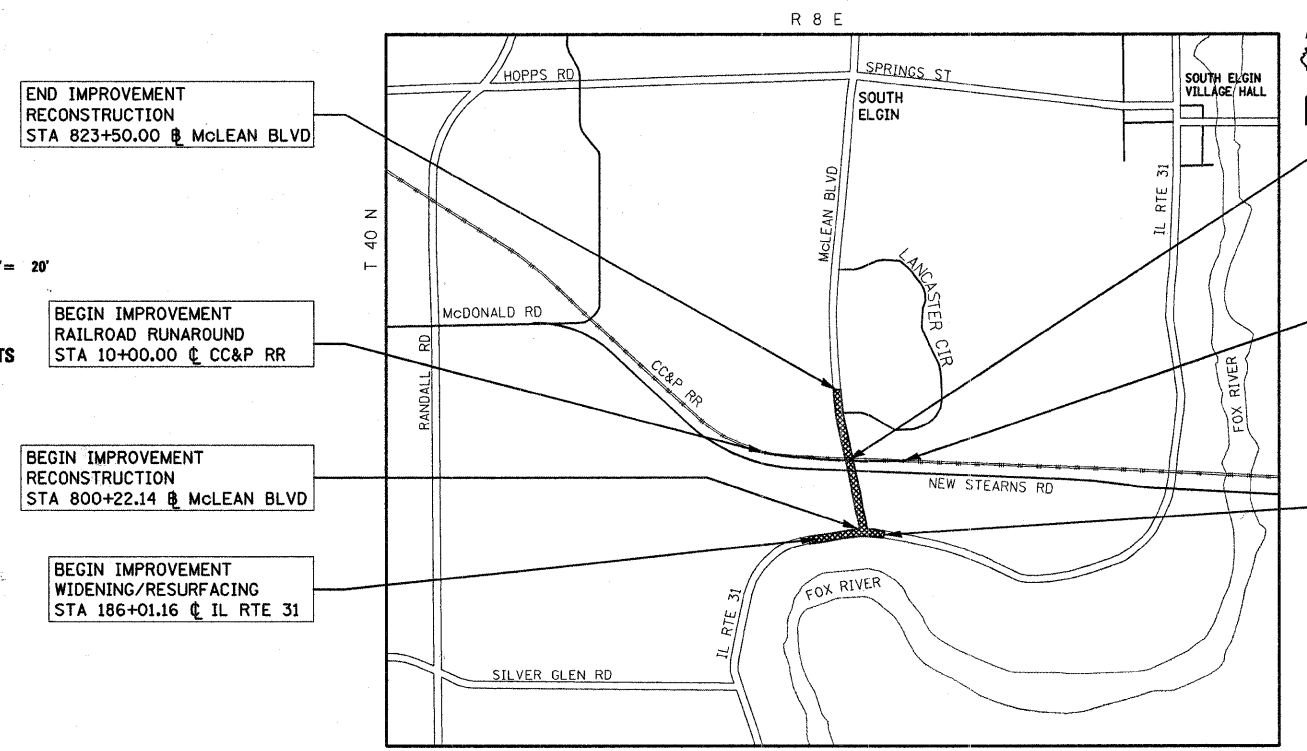
PROJECT LOCATED IN THE VILLAGE OF SOUTH ELGIN



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.

Call Before You Dig
JULIE
 800.892.0123
 Call 48 hours before you dig (Excluding Sat., Sun. & Holidays)

Joint Utility Locating Information for Excavators



- END IMPROVEMENT RECONSTRUCTION STA 823+50.00 @ McLEAN BLVD
- BEGIN IMPROVEMENT RAILROAD RUNAROUND STA 10+00.00 @ CC&P RR
- BEGIN IMPROVEMENT RECONSTRUCTION STA 800+22.14 @ McLEAN BLVD
- BEGIN IMPROVEMENT WIDENING/RESURFACING STA 186+01.16 @ IL RTE 31

CC&P RR/McLEAN BOULEVARD STRUCTURE NO. 045-3163 STA 15+85.26 @ CC&P RR REMOVAL & REPLACEMENT OF EXISTING SUPERSTRUCTURE, ERECTION OF SINGLE SPAN PLATE GIRDER SUPPORTED ON CLOSED ABUTMENTS. CONSTRUCT TEMPORARY RUNAROUND TRACK

END IMPROVEMENT RAILROAD RUNAROUND STA 31+95.02 @ CC&P RR

END IMPROVEMENT WIDENING/RESURFACING STA 198+00 @ IL RTE 31

LOCATION MAP
 N.T.S.

IL RT 31 ROAD LENGTH = 1,198.84 FT = 0.227 MILES
 McLEAN BOULEVARD LENGTH = 2,327.86 FT = 0.441 MILES
 RUNAROUND TRACK LENGTH = 2,195.02 FT = 0.416 MILES
 TOTAL PROJECT LENGTH = 5,721.72 FT = 1.084 MILES

PROJECT MANAGER **JESSICA A. FELICIANO, P.E.**
 CONTRACT NO. 63073

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

APPROVED MARCH 26 20 09
 [Signature]
 DIRECTOR OF TRANSPORTATION/COUNTY ENGINEER, KANE COUNTY

PASSED APRIL 16 20 09
 [Signature]
 CHRISTOPHER HOLT
 DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW APRIL 7, 20 09
 [Signature]
 DIANE M. O'KEEFE
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

Signed [Signature]
 Gerald E. Koflass, S.E. IL Lic. No. 081-005264
 Expires 11-30-2010
 Date 3/27/2009 For drawings 120 thru 171

Signed [Signature]
 Alon R. Swanson, P.E. IL Lic. No. 062-058599
 Expires 11-30-2009
 Date 03/27/09 For drawings excluding sheets listed here 11/30/09

Signed [Signature]
 Mark A. Haffas
 088-05542 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS
 Date 3/31/09 For drawings 28 thru 31

Signed [Signature]
 John W. Witte, P.E. IL Lic. No. 062-058599
 Expires 11-30-2009
 Date 3/26/09 For drawings 32 thru 45

McDonough Associates Inc.
 Engineers / Architects
 139 East Randolph Street Chicago, Illinois 60601

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STATE STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	7.2 M (24') JOINTED PCC PAVEMENT
420106-04	10.8 M (36') JOINTED PCC PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
515001-03	NAME PLATE FOR BRIDGES
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-01	GRATING FOR CONCRETE FLARED END SECTION (FOR 600 MM (24") THRU 1300 MM (54") PIPE)
601001-03	SUB-SURFACE DRAINS
602001-01	CATCH BASIN, TYPE A
602011-01	CATCH BASIN, TYPE C
602401-02	MANHOLE, TYPE A
602406-03	MANHOLE, TYPE A, 1.8M (6') DIAMETER
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604076-04	FRAME AND GRATE, TYPE 21
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-02	OUTLET FOR CONCRETE CURB AND GUTTER, TYPE B-15.60 (B-6.24)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-08	STEEL PLATE BEAM GUARDRAIL
630101-08	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS
631011-05	TRAFFIC BARRIER TERMINAL, TYPE 2
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
666001-01	RIGHT-OF-WAY MARKERS
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE, 1W OR 2W OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
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
877001-04	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-07	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

FILE NAME = I:\Dgn\Civil\Sheet\1801.dgn	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 INDEX OF SHEETS AND STATE STANDARDS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 1:10	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. OF	SHEETS	STA.	TO STA.	361	06-00214-10-BR	KANE	219
PLOT DATE = 4/30/2009	CHECKED -	REVISIED -	DATE = 3/27/09	REVISED -			FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 63073

ROADWAY**
 TRAFFIC SIGNALS**
 RAILROAD BRIDGE**
 CULVERTS**
 WEST SIDE BULEVARD
 McLENNAN RD WALL
 SN 045-2038
 EAST SIDE BULEVARD
 McLENNAN RD WALL
 SN 045-2039
 LANDSCAPING**

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES								
				J00-2A	Y031-1F	X631-2B	Y007	Y007	Y007	Y003		
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	58	58								
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	18	18								
20100500	TREE REMOVAL, ACRES	ACRE	3.25	3.25								
20101700	SUPPLEMENTAL WATERING	UNIT	4.2	4.2								
20200100	EARTH EXCAVATION	CU YD	96,749	96,749								
20200200	ROCK EXCAVATION	CU YD	3,443	3,299				144				
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	7,510	7,510								
20300100	CHANNEL EXCAVATION	CU YD	2,566	2566								
20700220	POROUS GRANULAR EMBANKMENT	CU YD	255				255					
20800150	TRENCH BACKFILL	CU YD	2,870	2870								
△ 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	39,400	39,400								
△ 21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	835	835								
△ 25000210	SEEDING, CLASS 2A	ACRE	2.51	2.51								
△ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	11	11								
△ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	11	11								
△ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	11	11								
△ 25200110	SODDING, SALT TOLERANT	SQ YD	835	835								
• 28000200	EARTH EXCAVATION FOR EROSION CONTROL	CU YD	631	631								
△ • 28000255	TEMPORARY EROSION CONTROL SEEDING	ACRE	7.00	7.00								
28000300	TEMPORARY DITCH CHECKS	EACH	33	33								
28100105	STONE RIPRAP, CLASS A3	SQ YD	483	483								
28100107	STONE RIPRAP, CLASS A4	SQ YD	111	111								
28100109	STONE RIPRAP, CLASS A5	SQ YD	669	669								
• 28101500	STONE RIPRAP, SPECIAL	SQ YD	22	22								
28200200	FILTER FABRIC	SQ YD	1,285	1285								
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2,421	2,421								
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SQ YD	397	397								
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.5	0.5								
40600825	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50	TON	258	258								
40600895	CONSTRUCTION TEST STRIP	EACH	2	2								
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	31	31								
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	276	276								
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	387	387								
40701976	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 14 3/4"	SQ YD	1,193	1,193								
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	16,434	16,434								
42001300	PROTECTIVE COAT	SQ YD	19,430	19,430								
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	205	205								
44000100	PAVEMENT REMOVAL	SQ YD	6,912	6,912								
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,072	2,072								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,460	2,460								
44000600	SIDEWALK REMOVAL	SQ FT	126	126								
• 44001005	HOT-MIX ASPHALT SURFACE REMOVAL	SQ YD	4,260	4,260								

• SPECIAL PROVISION
 •• 80% HPD 20% COUNTY
 ••• 80% HPP 20% COUNTY
 △ SPECIALTY ITEMS

FILE NAME = It\Dgn\Civil\Sheet\sq001.dgn	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 SUMMARY OF QUANTITIES			F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 4
PLOT SCALE = 1:1	DATE = 3/27/09	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 7 SHEETS	STA. TO STA.	CONTRACT NO. 63073				
PLOT DATE = 4/30/2009	CHECKED -	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

ROADWAY**
 TRAFFIC SIGNALS**
 RAILROAD BRIDGE**
 CULVERTS**
 WEST SIDE BULEYARD
 MCL ELEM BULWALL
 SN 045-2038
 EAST SIDE BULEYARD
 MCL ELEM BULWALL
 SN 045-2039**
 LANDSCAPING**

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES							
				J00-2A	Y031-1F	X631	Y007	Y007	Y007	Y003	
44004250	PAVED SHOULDER REMOVAL	SQ YD	1,080	1,080							
• 44004300	PAVEMENT BREAKING	SQ YD	784	784							
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	213	213							
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	15	15							
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	20	20							
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	82	82							
• 48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1,518	1,518							
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	1,528	1,528							
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1				1				
50104400	CONCRETE HEADWALL REMOVAL	EACH	4					4			
• 50105200	REMOVE EXISTING CULVERTS	EACH	3					3			
50200100	STRUCTURE EXCAVATION	CU. YD.	4,033			1637	740	650	1006		
50200400	ROCK EXCAVATION FOR STRUCTURES	CU YD	2,241				2,241				
50300225	CONCRETE STRUCTURES	CU YD	853	4.5		537		123	188		
• 50300285	FORM LINER TEXTURED SURFACE	SQ FT	7,311					2,958	4353		
• 50300500	DECK DRAINS	FOOT	240			240					
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1			1					
50500505	STUD SHEAR CONNECTORS	EACH	1,962			92		750	1120		
• 50700209	UNTREATED TIMBER LAGGING	SQ FT	6,843					2,790	4053		
50800105	REINFORCEMENT BARS	POUND	69,532				69,532				
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	115,500	1213		70,670	517	15,380	27720		
△ • 50901105	STEEL RAILING	FOOT	610					207	403		
△ 50901720	BICYCLE RAILING	FOOT	280	280							
△ 50901760	PIPE HANDRAIL	FOOT	284			284					
51202100	FURNISHING STEEL PILES HP12X53	FOOT	1,470			1,470					
• 51202210	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	170					94	76		
• 51202220	FURNISHING SOLDIER PILES (BUILT-UP SECTION)	FOOT	1,834					775	1059		
51202305	DRIVING PILES	FOOT	1,470			1,470					
51203600	TEST PILE STEEL HP12X53	EACH	2			2					
51204650	PILE SHOES	EACH	70			70					
51500100	NAME PLATE	EACH	3			1		1	1		
• 51500110	NAME PLATES (SPECIAL)	EACH	1			1					
54003000	CONCRETE BOX CULVERTS	CU YD	313				313				
54201525	PIPE CULVERTS, TYPE 2, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE 60"	FOOT	178	178							
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1							
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2							
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1	1							
54213687	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 42"	EACH	1	1							
54213915	STEEL END SECTIONS 60"	EACH	8	8							
54244805	INLET BOX, STANDARD 542501	EACH	1	1							
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	2	2							
54247150	GRATING FOR CONCRETE FLARED END SECTION 30"	EACH	1	1							

• SPECIAL PROVISION △ SPECIALTY ITEMS
 •• 80% HPD 20% COUNTY
 ••• 80% HPP 20% COUNTY

ROADWAY**
 TRAFFIC SIGNALS**
 RAILROAD BRIDGE**
 CULVERTS**
 WEST SIDE BUIEYARD
 MOLEEN BUIEYARD
 SN 0-45-2038
 EAST SIDE BUIEYARD
 MOLEEN BUIEYARD
 SN 0-45-2039
 LANDSCAPING**

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES							
				J00-2A	Y031-1F	X631	Y007	Y007	Y007	Y003	
54247180	GRATING FOR CONCRETE FLARED END SECTION 42"	EACH	1	1							
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	57	57							
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	25	25							
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,360	1360							
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	284	284							
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	220	220							
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	586	586							
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	120	120							
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	30	30							
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	285	285							
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	735	735							
550A0770	STORM SEWERS, CLASS A, TYPE 3 42"	FOOT	1,160	1160							
550A0940	STORM SEWERS, CLASS A, TYPE 4 12"	FOOT	10	10							
550A1240	STORM SEWERS, CLASS A, TYPE 5 12"	FOOT	21	21							
55101200	STORM SEWER REMOVAL 24"	FOOT	74	74							
55101400	STORM SEWER REMOVAL 30"	FOOT	120	120							
55101800	STORM SEWER REMOVAL 42"	FOOT	30	30							
58000100	MEMBRANE WATERPROOFING	SQ. FT.	2,350			2,350					
58700300	CONCRETE SEALER	SQ. FT.	3,030			3,030					
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	2,856			2095		310	451		
60100915	PIPE DRAINS 6"	FOOT	40			40					
60100945	PIPE DRAINS 12"	FOOT	150	150							
60107600	PIPE UNDERDRAINS 4"	FOOT	76	76							
60107700	PIPE UNDERDRAINS 6"	FOOT	575	575							
• 60109584	PIPE UNDERDRAINS FOR STRUCTURES 8"	FOOT	713			110		206	397		
• 60202405	CATCH BASINS, TYPE A, 4'-DIAMETER	EACH	25	25							
• 60205605	CATCH BASINS, TYPE A, 5'-DIAMETER	EACH	2	2							
• 60220200	MANHOLES, TYPE A, 4'-DIAMETER	EACH	14	14							
• 60222900	MANHOLES, TYPE A, 5'-DIAMETER	EACH	11	11							
• 60224200	MANHOLES, TYPE A, SPECIAL, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1							
• 60240395	INLETS, TYPE B	EACH	3	3							
• 60248000	JUNCTION CHAMBER, NO. 1	EACH	1					1			
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1							
60402210	GRATES, TYPE B	EACH	5	5							
60404920	FRAME AND GRATES, TYPE 21	EACH	7	7							
60404950	FRAME AND GRATES, TYPE 24	EACH	25	25							
60406100	FRAME AND LIDS, TYPE 1, CLOSED LID	EACH	18	18							
• 60406600	GRATING	SQ. FT.	830			830					
60500040	REMOVING MANHOLES	EACH	1	1							
60500050	REMOVING CATCH BASINS	EACH	1	1							
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	4	4							
60602800	CONCRETE GUTTER, TYPE B	FOOT	474					71	403		

- SPECIAL PROVISION
- ** 80% HPD 20% COUNTY
- *** 80% HPP 20% COUNTY

FILE NAME = I:\Dgn\Civil\Sheet\sq003.dgn	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 SUMMARY OF QUANTITIES			F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 6
PLOT SCALE = 1:1	CHECKED -	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 7 SHEETS	STA. TO STA.	CONTRACT NO. 63073				
PLOT DATE = 4/30/2009	DATE = 3/27/09	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

ROADWAY**
 TRAFFIC SIGNALS**
 RAILROAD BRIDGE**
 CULVERTS**
 WEST SIDE
 MOLENTON BOULEVARD
 S/N 045-2038
 EAST SIDE
 MOLENTON BOULEVARD
 S/N 045-2039**
 LANDSCAPING**

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES									
				J00-2A	Y031-1F	X631	Y007	Y007	Y007	Y003			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	45	45									
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	6,588	6588									
• 60618310	CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)	SQ FT	5,181	5,181									
• 60619100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SQ FT	1,713	1,713									
△ 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	450	450									
△ 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2									
• 63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	629	629									
67100100	MOBILIZATION	L SUM	1	1									
• 70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1									
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	18	18									
70300100	SHORT TERM PAVEMENT MARKING	FOOT	400	400									
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	809	809									
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	3,173	3,173									
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,012.5	1,012.5									
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	887.5	887.5									
72000100	SIGN PANEL - TYPE 1	SQ FT	96.25	70.25	26								
72900200	METAL POST - TYPE B	FOOT	174	174									
△ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	110	110									
△ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,772	7,772									
△ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	694	694									
△ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	551	551									
△ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	77	77									
△ • 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	656	656									
△ • 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1,436	1,436									
△ • 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	2,922	2,922									
△ • 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	105	105									
△ • 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	1,233	1,233									
△ • 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	250	250									
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	168	168									
△ 78200405	GUARDRAIL MARKERS	EACH	6	6									
△ 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4									
△ 81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1,936		1936								
△ 81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	263		263								
△ 81000800	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	109		109								
△ 81000900	CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	17		17								
△ 81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	742		742								
△ 81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10		10								
△ 81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	77		77								
△ 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	213		213								
△ 81400100	HANDHOLE	EACH	8		8								
△ 81400200	HEAVY-DUTY HANDHOLE	EACH	4		4								
△ 81400300	DOUBLE HANDHOLE	EACH	3		3								

• SPECIAL PROVISION
 •• 80% HPD 20% COUNTY △ SPECIALTY ITEMS
 ••• 80% HPP 20% COUNTY

FILE NAME = I:\Dgn\Civil\Sheet\sq004.dgn	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 SUMMARY OF QUANTITIES			F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 7
PLOT SCALE = 1:1	CHECKED -	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 63073			
PLOT DATE = 4/30/2009	DATE = 3/27/09	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

ROADWAY**
 TRAFFIC SIGNALS**
 RAILROAD BRIDGE**
 CULVERTS**
 WEST SIDE
 McLEANS BOULEVARD
 S/N 045-2038
 EAST SIDE
 McLEANS BOULEVARD
 S/N 045-2039**
 LANDSCAPING**

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES						
				J00-2A	Y031-1F	X631	Y007	Y007	Y007	Y003
• X0321809	PERMANENT GROUND ANCHOR	EACH	95					35	60	
• X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	150	150						
• X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	948		948					
• X0323260	SEDIMENT BASIN	EACH	1	1						
• X0323426	SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER CLEANING	EACH	4	4						
• X0323670	PREFORMED DETECTOR LOOP	FOOT	245		245					
X0323973	SEDIMENT CONTROL, SILT FENCE	FOOT	7,595	7,595						
• X0323974	SEDIMENT CONTROL, SILT FENCE MAINTENANCE	FOOT	7,595	7,595						
X0324045	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE REMOVAL	EACH	1	1						
• X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	5,617					2,404	3213	
• X0324456	DRILLING AND SETTING SOLDIER PILES (IN ROCK)	CU FT	70					50	20	
X0324774	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	150	150						
• X0324775	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE	SQ YD	150	150						
• X0325096	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1		1					
• X0325346	RAILROAD TRACK	TR FT	2,395	2,395						
• X0325355	RAILROAD TRACK, REMOVE	TR FT	2,395	2,395						
• X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	7,333	7,333						
• X0325840	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	476	476						
• X0712400	TEMPORARY PAVEMENT	SQ YD	1,421	1,421						
• X2510635	HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL (P550)	SQ YD	2,361	2361						
• X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	1						
• X8050015	SERVICE INSTALLATION - POLE MOUNTED	EACH	2		2					
• X8620020	UNINTERRUPTIBLE POWER SUPPLY	EACH	1		1					
• X8710020	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	974		974					
• X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1,475		1475					
• X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	2,159		2159					
• XX003503	FLARED END SECTION REMOVAL	EACH	2	2						
• XX004848	STONE DRIVEWAY REPLACEMENT	SQ YD	80	80						
• XX005369	TRAFFIC CONTROL & PROTECTION FOR TEMPORARY DETOUR	EACH	1	1						
• XX005723	VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	1		1					
• XX006128	TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL)	EACH	2	2						
• XX006338	EROSION CONTROL BLANKET SPECIAL (S150BN)	SQ YD	1,333	1333						
• XX006628	FILTER FABRIC - INLET PROTECTION	EACH	21	21						
• XX006698	TREE PROTECTION AND PRESERVATION	EACH	3	3						
• XX006701	SEEDING, CLASS 4 (MODIFIED) MESIC PRAIRIE	ACRE	4.33							4.33
• XX006702	SEEDING, CLASS 4 (MODIFIED) WET TO MESIC PRAIRIE	ACRE	0.79							0.79
• XX006706	SEEDING, CLASS 4 (MODIFIED) DETENTION BASIN	ACRE	0.30							0.30
• XX006709	SEEDING, CLASS 5 (MODIFIED) MESIC PRAIRIE	ACRE	4.33							4.33
• XX006710	SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE	ACRE	0.79							0.79
• Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	20,835	20,835						
• Z0002300	BALLAST	CU YD	1,400	1,400						
• Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1						

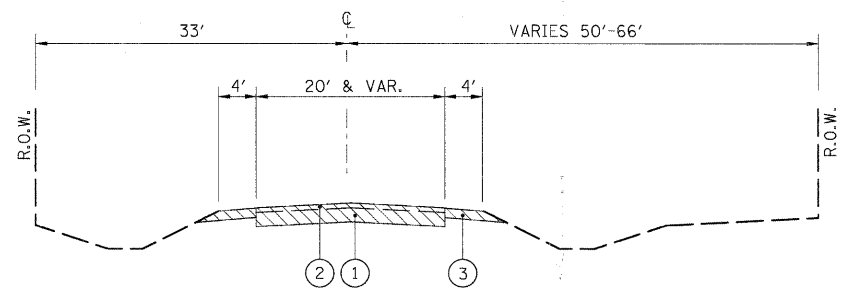
• SPECIAL PROVISION
 •• 80% HPD 20% COUNTY
 ••• 80% HPP 20% COUNTY

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PLOT SCALE = 1:1	CHECKED -	REVISED -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 4/30/2009	DATE = 3/27/09	REVISED -	REVISED -									
CONTRACT NO. 63073												

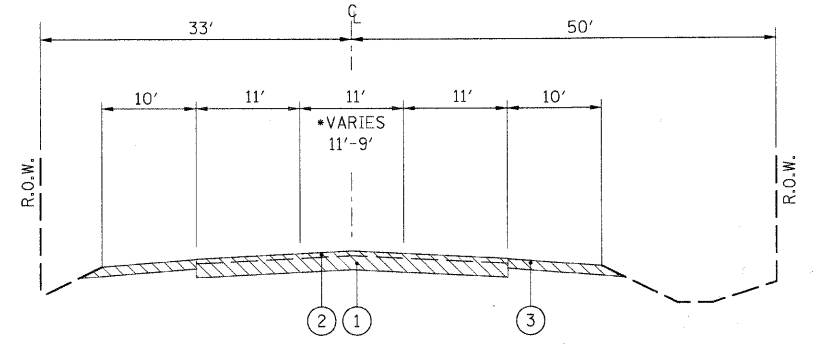
ROADWAY**
 TRAFFIC SIGNALS**
 RAILROAD BRIDGE**
 CULVERTS**
 WEST SIDE BOULEVARD
 RETAINING WALL
 SN 045-2038
 EAST SIDE BOULEVARD
 RETAINING WALL
 SN 045-2039
 LANDSCAPING**

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES								
				J00-2A	Y031-1F	X631	Y007	Y007	Y007	Y003		
• Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1								
• Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1								
• Z0022800	FENCE REMOVAL	FOOT	1,024	1,024								
• Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	6	6								
• Z0041700	PLUG EXISTING STORM SEWERS	EACH	1	1								
• Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1								
Δ • Z0069700	SUB-BALLAST	CU YD	1,800	1800								
^ • Z0076600	TRAINEES	HOOR	5,000	5000								
44002248	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 12"	SQ YD	330	330								
• xx008014	TEMPORARY RAILROAD EMBANKMENT	CU YD	36,310	36,310								
• 87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	75		75							
• xx008015	SITE ACCESS CONTROL	L SUM	1	1								
• xx008016	SPHERICAL BEARINGS BOOK - EXPANSION	EACH	2			2						
• xx008017	SPHERICAL BEARINGS BOOK - FIXED	EACH	2			2						
• xx008018	TEMPORARY SOIL RETENTION SYSTEM	L SUM	1			1						
Δ • xx008019	UNINTERRUPTIBLE POWER SUPPLY (SPECIAL)	EACH	1		1							

• SPECIAL PROVISION Δ SPECIALTY ITEMS
 ** 80% HPD 20% COUNTY ^ Y080
 *** 80% HPP 20% COUNTY



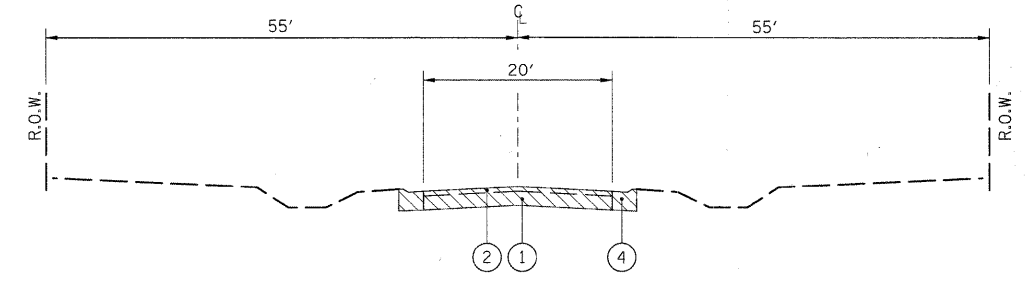
McLEAN BOULEVARD
STA. 800+00 TO STA. 808+50



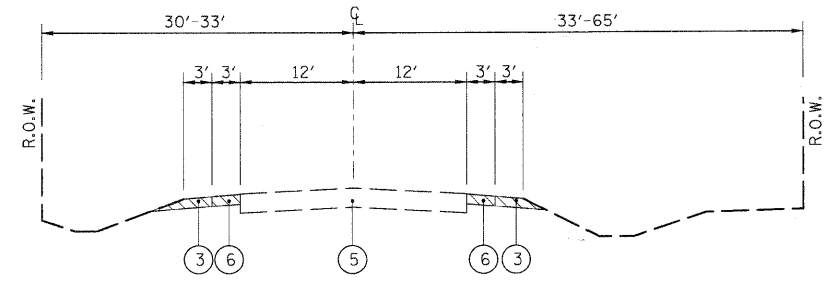
McLEAN BOULEVARD
STA. 820+50 TO STA. 822+00
*STA. 822+00 TO STA. 823+50

- ① EXISTING PORTLAND CEMENT CONCRETE, 9" & VARIES
- ② EXISTING HMA PAVEMENT, 3" & VARIES
- ③ EXISTING AGGREGATE SHOULDERS, 6" & VARIES
- ④ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ EXISTING BITUMINOUS PAVEMENT, VARIES 10"-12"
- ⑥ EXISTING HMA SHOULDERS, 6" & VARIES

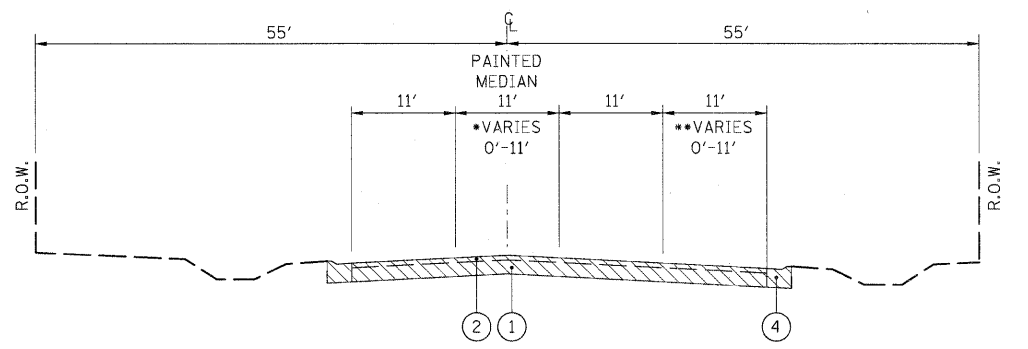
ITEMS TO BE REMOVED



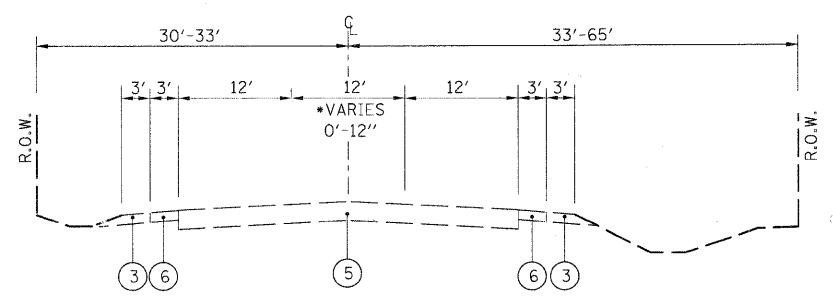
McLEAN BOULEVARD
STA. 808+50 TO STA. 813+00



ILLINOIS ROUTE 31
STA. 186+31.65 TO STA. 189+00

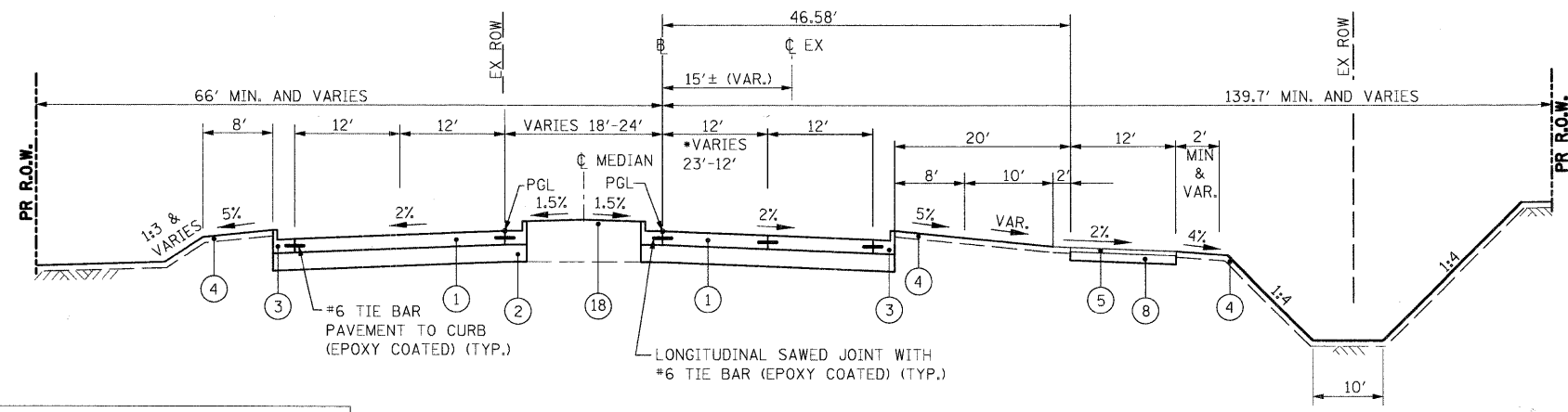


McLEAN BOULEVARD
•STA. 813+00 TO STA. 816+45
••STA. 816+45 TO STA. 818+00
STA. 818+00 TO STA. 819+25



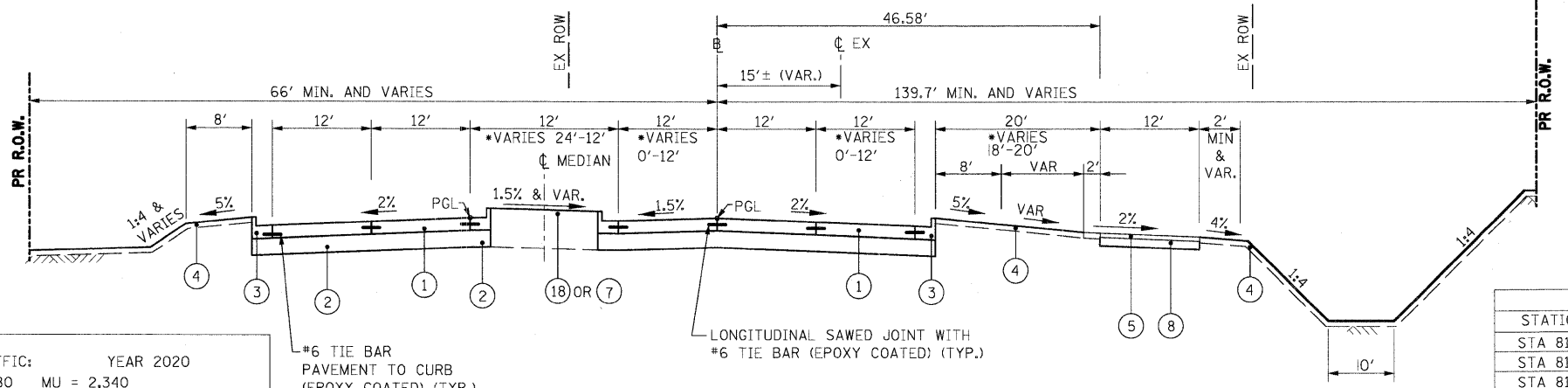
ILLINOIS ROUTE 31
•STA. 189+00 TO STA. 191+00
STA. 191+00 TO STA. 195+60

FILE NAME = I:\Dgn\Civil\Sheet\ts001.dgn	USER NAME = thornnton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 EXISTING TYPICAL SECTIONS				F.A.P. RTE. = 361	SECTION = 06-00214-10-BR	COUNTY = KANE	TOTAL SHEETS = 219	SHEET NO. = 11
	PLOT SCALE = 1/8"	DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____	OF _____	SHEETS _____	STA. _____	TO STA. _____	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT CONTRACT NO. 63073		
PLOT DATE = 3/29/2009	DATE = 3/27/09	CHECKED -	REVISED -										



TIE BARS & DRILLING AND GROUTING ARE INCIDENTAL TO PCC PAVEMENT 10" (JOINTED)

McLEAN BLVD.
 *STA. 801+00 TO STA. 802+73
 STA. 802+73 TO STA. 804+18



McLEAN BLVD.
 *STA. 804+18 TO STA. 806+28 (24'-12") USE (18)
 STA. 806+28 TO STA. 809+00 (12' MEDIAN) USE (7)

STRUCTURAL DESIGN TRAFFIC: YEAR 2020
 PV = 33,480 SU = 180 MU = 2,340
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
 P = 93 S = 0.5 M = 6.5
 TRAFFIC FACTOR Actual TF = 14.93 AC Type = 20
 Minimum TF = 6.03
 PG GRADE: Binder = N/A Surface = N/A
 SUBGRADE SUPPORT RATING:
 SSR = POOR

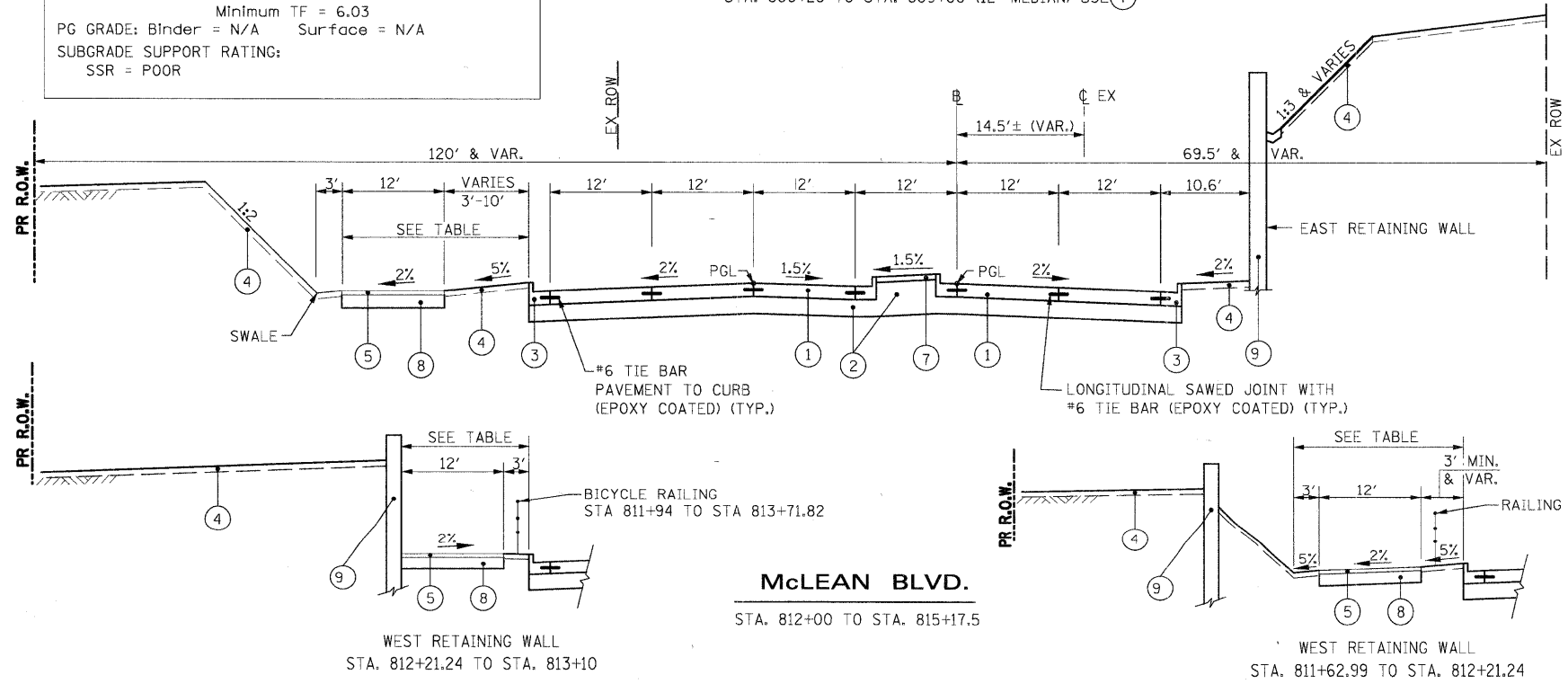
- LEGEND**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
 - (2) AGGREGATE SUBGRADE 12"
 - (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (4) TOPSOIL FURNISH AND PLACE, 4" WITH SEEDING, SEE LANDSCAPING PLANS
 - (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
 - (6) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - (7) CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
 - (8) AGGREGATE BASE COURSE, TYPE B, 6"
 - (9) RETAINING WALL/BRIDGE ABUTMENT
 - (10) EXISTING BITUMINOUS PAVEMENT, VARIES 10"-12"
 - (11) HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2 "
 - (12) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 "
 - (13) HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 10"
 - (14) HOT-MIX ASPHALT SHOULDERS, 6"
 - (15) AGGREGATE SHOULDERS, TYPE B, 6"
 - (16) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 12 3/4"
 - (17) CONCRETE MEDIAN, TYPE SB (SPECIAL)
 - (18) TOPSOIL FURNISH AND PLACE, 24" WITH SODDING SALT TOLERANT

STATION TO STATION	HMA MIXED USE PATH	PARKWAY
STA 812+00 TO 812+50	TRANSITION FROM -2% TO +2%	TRANSITION FROM -5% TO +5%
STA 812+50 TO 813+10	+2% (TOWARDS CURB & GUTTER)	+5% (TOWARDS CURB & GUTTER)
STA 813+10 TO 813+60	TRANSITION FROM +2% TO -2%	TRANSITION FROM +5% TO -5%
STA 813+60 TO 814+50	-2% (AWAY FROM CURB & GUTTER)	-5% (AWAY FROM CURB & GUTTER)
STA 814+50 TO 815+00	TRANSITION FROM -2% TO +2%	TRANSITION FROM -5% TO +5%

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS	THICKNESS
McLEAN BLVD: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	PG 64-22	4% AT 70 GYR.	2"
McLEAN BLVD: HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70	PG 64-22	4% AT 70 GYR.	12 3/4"
IL RTF 31: WIDENING AND RESURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	PG 64-22	4% AT 50 GYR.	1-1/2"
IL RTF 31: WIDENING AND RESURFACING POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBR PG 76-28/-22	4% AT 50 GYR.	1"
IL RTF 31: WIDENING HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm), 10"	PG 64-22	4% AT 50 GYR.	10"
MULTI-USE PATH HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	PG 64-22	4% AT 50 GYR.	2"
IL RTF 31: TEMPORARY PAVEMENT TEMPORARY PAVEMENT (HMA BINDER)	PG 64-22	4% AT 50 GYR.	10"
CLASS D PATCHES CLASS D PATCH (HMA BINDER IL-19 mm)	PG 64-22/58-22	4% AT 70 GYR.	10"
HMA SHOULDERS, STABILIZED SHOULDERS HOT-MIX ASPHALT SHOULDER	PG 64-22	2% AT 30 GYR.	6"
HMA DRIVEWAYS HMA BASE COURSE (HMA BINDER IL-19mm) HMA SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	PG 64-22/58-22 PG 64-22	4% AT 50 GYR. 4% AT 50 GYR.	10" 2"

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN

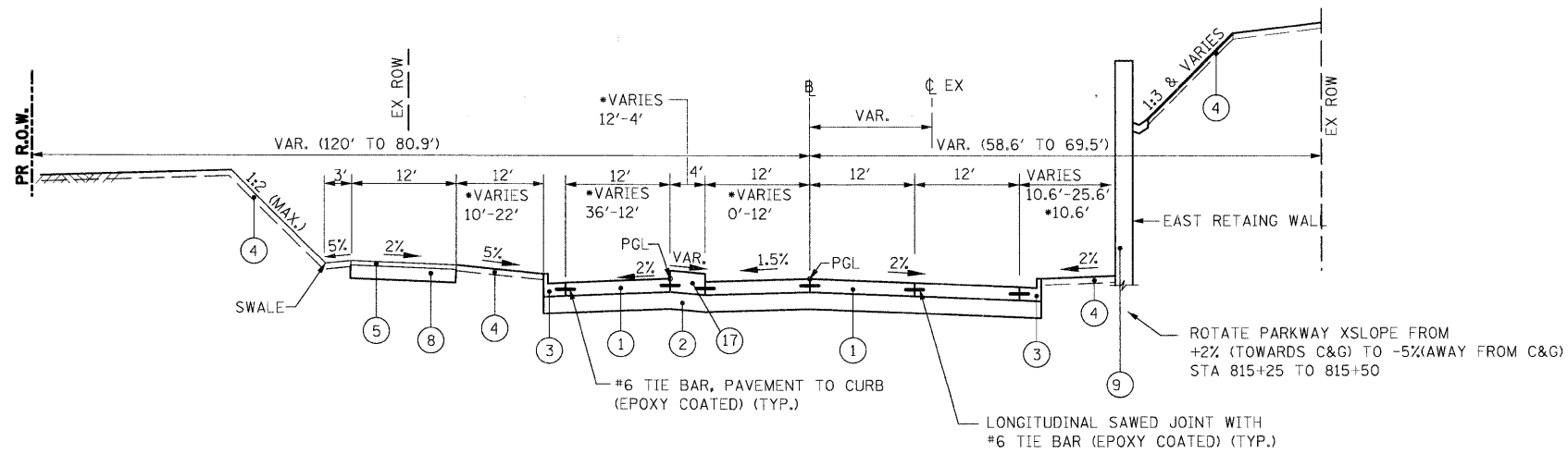


McLEAN BLVD.
 STA. 812+00 TO STA. 815+17.5

WEST RETAINING WALL
 STA. 812+21.24 TO STA. 813+10

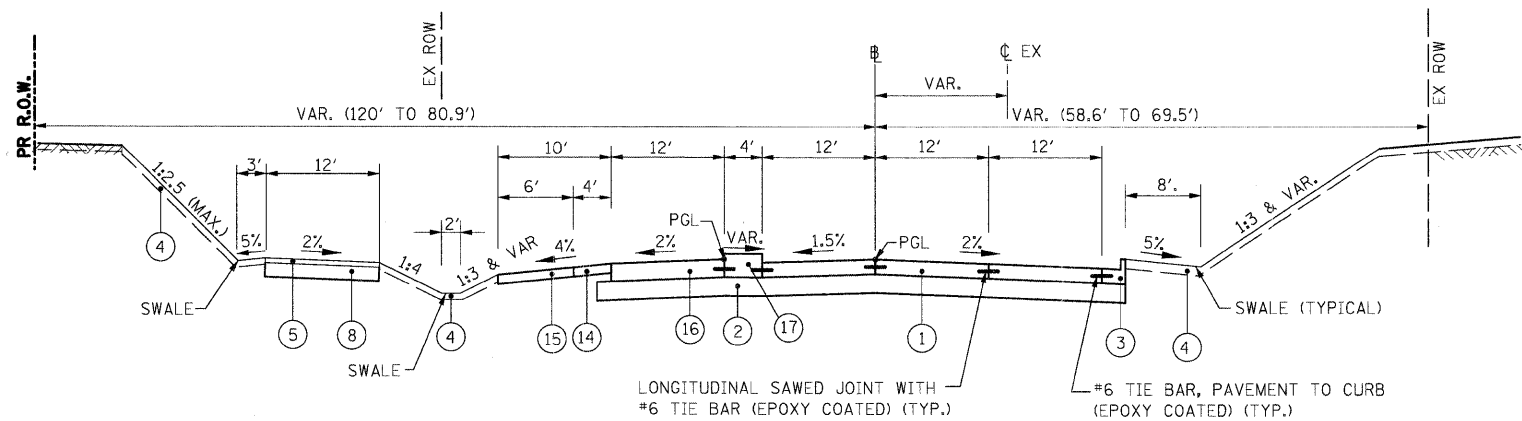
WEST RETAINING WALL
 STA. 811+62.99 TO STA. 812+21.24

FILE NAME = I:\Dgn\civil\sheet\ts002.dgn	USER NAME = JFigueroa	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 PROPOSED TYPICAL SECTIONS	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 12
PLOT SCALE = 1:10	CHECKED -	REVISED -	CONTRACT NO. 63073							
PLOT DATE = 4/29/2009	DATE = 3/27/09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
						SCALE: SHEET NO. OF SHEETS STA. TO STA.				



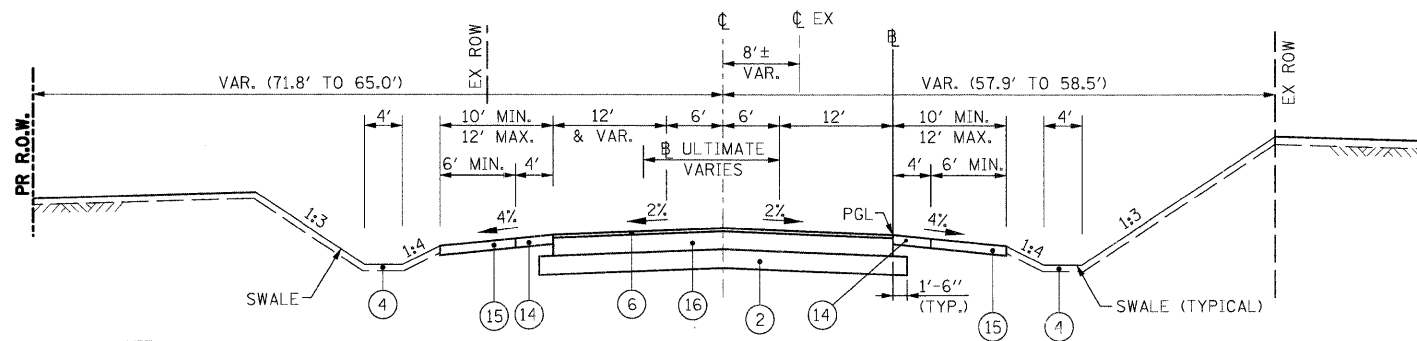
McLEAN BLVD.

•STA. 815+17.5 TO STA. 817+27.5



McLEAN BLVD.

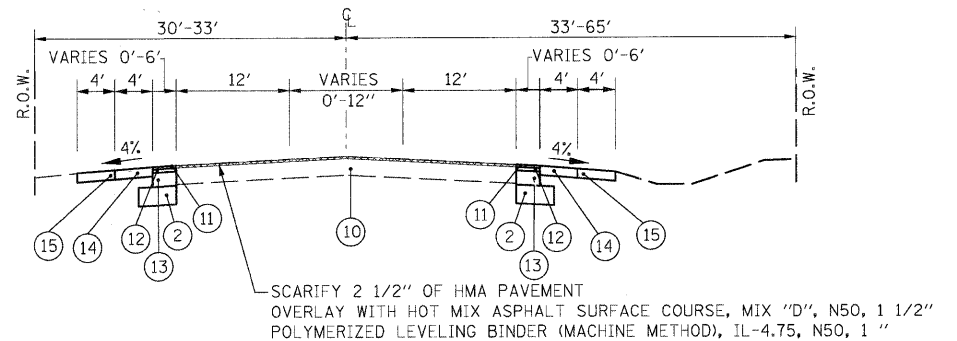
STA. 817+27.5 TO STA. 819+40



McLEAN BLVD.

STA. 820+64.67 (10+00) TO STA. 823+50 (12+84.13)

NOTE:
STA 820+64.67, 12' RT &
PGL SHIFT ALONG RT EOP



ILLINOIS ROUTE 31

STA. 186+01.16 TO STA. 198+00

- LEGEND**
- ① PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
 - ② AGGREGATE SUBGRADE 12"
 - ③ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ④ TOPSOIL FURNISH AND PLACE, 4" WITH SEEDING, SEE LANDSCAPING PLANS
 - ⑤ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
 - ⑥ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - ⑦ CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
 - ⑧ AGGREGATE BASE COURSE, TYPE B, 6"
 - ⑨ RETAINING WALL
 - ⑩ EXISTING BITUMINOUS PAVEMENT, VARIES 10"-12"
 - ⑪ HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2 "
 - ⑫ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 "
 - ⑬ HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 10"
 - ⑭ HOT-MIX ASPHALT SHOULDERS, 6"
 - ⑮ AGGREGATE SHOULDERS, TYPE B, 6"
 - ⑯ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 12 3/4"
 - ⑰ CONCRETE MEDIAN, TYPE SB (SPECIAL)
 - ⑱ TOPSOIL FURNISH AND PLACE, 24" WITH SODDING SALT TOLERANT

STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV = 33,480	SU = 180 MU = 2,340
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE	
P = 93	S = 0.5 M = 6.5
TRAFFIC FACTOR	Actual TF = 14.93 AC Type = 20
	Minimum TF = 6.03
PG GRADE: Binder = N/A	Surface = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR

FILE NAME = J:\Dgn\Civil\Sheets\ts003.dgn	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 PROPOSED TYPICAL SECTIONS	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 13	
PLOT SCALE = 1:10	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 63073			
PLOT DATE = 4/29/2009	DATE = 3/27/09	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT			

PAVEMENT SCHEDULE																		
DRWG#	STATION TO STATION	IL RTE 31 HMA PAVMT AREA SQ YD	IL RTE 31 HMA BC WIDENING, 10" SQ YD	MCLEAN BLVD HMA PAVMT AREA SQ YD	MCLEAN BLVD PCC PAVMT 10" (JOINTED) SQ YD	IL RTE 31 HMA SC "D" N50, 1 1/2" TON	MCLEAN BLVD HMA FD PAVT, 14 3/4" SQ YD	IL 31/MCLEAN HMA SHOULDER, 6" SQ YD	IL 31/MCLEAN AGGREGATE SHLDS B, 6" SQ YD	MCLEAN BLVD AGGREGATE SUBGRADE, 12" SQ YD	PATHWAY HMA SC "C" N50, 2" TON	PATHWAY AGG BASE CSE B, 6" SQ YD	MCLEAN BLVD CONC MED SURF, 4" SP SQ FT	MCLEAN BLVD CONC MED TSB SPL SQ FT	MCLEAN BLVD PROTECTIVE COAT SQ YD	PCC SIDEWALK 4" SQ FT	MCLEAN BLVD BIT MATERIAL PRIME COAT TON	POLYMERIZED LEVELING BINDER 1" TON
PP-1	McLEAN BLVD 800+00 TO 814+00	-	-	-	12,125	-	-	-	-	12,125	187	1,662	3,760	630	12,613	-	-	-
	STABILIZATION @ SPBGR	-	-	-	-	-	-	137	-	-	-	-	-	-	-	-	-	-
	UNDER MEDIAN 12' OR LESS	-	-	-	-	-	-	-	488	-	-	-	-	-	-	-	-	-
PP-2	814+00 TO 820+64.67	-	-	-	4,309	-	-	-	-	4,755	82	729	1,421	1,083	4,588	205	-	-
	STA EQ:820+64.67=10+00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10+00 TO 12+84.13	-	-	1,194	-	-	1,193	428	642	1,194	-	-	-	-	-	-	0.5	-
	(284.13' x 1.5' x 2)/9	-	-	-	-	-	-	-	-	95	-	-	-	-	-	-	-	-
	UNDER MEDIAN 12' OR LESS	-	-	-	-	-	-	-	-	279	-	-	-	-	-	-	-	-
PP-3	IL RTE 31 186+01.16 TO 195+60.82	4,260	337	-	-	451	-	963	876	-	-	30	-	-	-	-	-	258
	STABILIZATION @ SPBGR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	COMB CC&G TB6.24	-	-	-	-	-	-	-	-	1,899	-	-	-	-	2,206	-	0	0
	PCC SIDEWALK	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	0	0
	HMA DRIVEWAY	-	60	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-
	TOTAL	4,260	397	1,194	16,434	451	1,193	1,528	1,518	20,835	276	2,421	5,181	1,713	19,430	205	0.5	258.0

UNIT USE TO CALCULATE ALL HOT-MIX ASPHALT SURFACE QUANTITIES IS 112 LBS/SY/IN

ROADWAY REMOVAL SCHEDULE											
DRWG#	STATION TO STATION	PAVEMENT SQ YD	BREAKING PAVEMENT SQ YD	HMA SURFACE SQ YD	SHOULDER		DRIVEWAY SQ YD	CURB & GUTTER FOOT	SPBGR FOOT	FENCE FOOT	PCC SIDEWALK SQ FT
					HMA SQ YD	AGGREGATE SQ YD					
PP-1	McLEAN BLVD 800+00 TO 814+00	2,501	784	-	42	1,702	1,925	1,287	-	867	-
PP-2	814+00 TO 823+50	4,411	-	-	-	621	-	1,173	-	157	126
PP-3	IL RTE 31 186+01.16 TO 198+00	-	-	4,260	1,038	704	147	-	475	-	-
	TOTAL	6,912	784	4,260	1,080	3,027	2,072	2,460	475	1,024	126

AGGREGATE SHOULDER = 3027(6/36) = 505 CY ADD TO EARTH EXCAVATION

STEEL PLATE BEAM GUARD RAIL SCHEDULE					
DRWG#	STATION TO STATION	SPBGR TYPE A FOOT	TRAFFIC BARRIER TERMINAL		GUARD RAIL TO BE REMOVED FOOT
			T1, SPECIAL EACH	TYPE 2 EACH	
PP-1	McLEAN BLVD 804+47.05 TO 808+11.75	300	1	1	-
PP-2	-	-	-	-	-
PP-3	IL RTE 31 192+56.3 TO 194+12.0 RT	-	-	-	154
	192+50.0 TO 194+00.0 RT	150	1	1	-
	TOTAL	450	2	2	154

MISCELLNEOUS ITEMS		SQ YD
PP-3	HMA SURFACE REMOVAL - BUTT JOINT	31

COMBINATION CONCRETE C&G SCHEDULE			
DRWG#	STATION TO STATION	COMB CC& G	
		TB-6.24 FOOT	TB-6.12 FOOT
PP-1	McLEAN BLVD 800+11.7 TO 809+57.2 RT	1046	-
	800+42.3 TO 810+12.7 LT	1081	-
	800+93.8 TO 809+18.5 MEDIAN LT	824	-
	800+93.8 TO 809+18.5 MEDIAN RT	823	-
	810+48.5 TO 814+00.0 RT	420	-
	811+04.0 TO 814+00 LT	354	-
	811+25.6 TO 814+00 MEDIAN RT	275	-
	811+26.1 TO 814+00 MEDIAN LT	274	-
PP-2	814+00 TO 816+80.5 MEDIAN LT & RT	562	-
	814+00 TO 819+56.6 RT	591	-
	814+00 TO 816+50 LT	252	-
	819+80.4 LANCASTER MEDIAN	-	45
	820+13.1 TO 820+64.5 RT	86	-
PP-3	-	-	-
	TOTAL	6,588	45

BICYCLE RAILING SCHEDULE					
DRWG#	STATION	TO STATION	BICYCLE RAILING FOOT	REINFORCEMENT	
				CONCRETE STRUCTURES CU YD	BAR, EPOXY LBS
PP-1	802+00.00	803+00.00	100	1.6	433
	811+92.00	813+71.82	180	2.9	780
PP-2	-	-	-	-	-
PP-3	-	-	-	-	-
	TOTAL	-	280	4.5	1,213

SIGN SCHEDULE												
DRWG*	STATION		SIGN TYPE	WIDTH INCHES	HEIGHT INCHES	SIGN PANEL AREA SQ FT	SIGN PANEL TYPE	MOUNTING	METAL POST LENGTH FOOT	NO POSTS		
PM-1	800+89	LT	M1-I100	24	24	4	1	TSP	-	-		
			W1-7	24	12	2	1	-	-			
			R3-7R	24	12	2	1	-	-			
	809+15.7	LT	R4-7	24	30	5	1	MP TYPE B	14	1		
			811+29	LT	R4-7	24	30	5	1	MP TYPE B	14	1
			818+00	LT	W3-3	30	30	6.25	1	MP TYPE B	16	1
820+21.5	RT	W16-9P	24	12	2	1	-	-	-			
		R1-1	30	30	6.25	1	MP TYPE B	14	1			
PM-2	187+00	RT	W2-2	30	30	6.25	1	MP TYPE B	15	1		
			189+50	RT	W1-2	30	30	6.25	1	MP TYPE B	16	1
	189+50	LT	W1-2	30	30	6.25	1	MP TYPE B	16	1		
			191+20	LT	R2-1	24	30	5	1	MP TYPE B	14	1
	193+45	LT	M1-I100	24	24	4	1	MP TYPE B	14	1		
			M3-3	24	12	2	1	-	-			
194+90	RT	W1-7	48	24	8	1	MP TYPE B	13	1			
TOTAL						70.25			146			

NOTE: ADD SIGN PANEL FOR STREET NAMES FROM TRAFFIC SIGNAL SCHEDULE

TREE REMOVAL SCHEDULE					
DRWG*	STATION	OFFSET	6 TO 15 UNITS	OVER 15 UNITS	ACRES
PP-1	-	-	-	-	1.75
PP-2	817+96.8	37.8' LT	12		0.75
	819+96.4	24.4' LT	10		
	820+10.8	22.2' LT	8		
	820+25.2	21.8' LT		18	
	820+59.6	21.1' LT	12		
821+25.5	20.5' LT	12			
PP-3					0.75
PP-4	206+42.0	26.5' LT	14		
TOTAL			68	18	3.25

TEMPORARY PAVEMENT MARKINGS SCHEDULE							
DRWG*		STATION	TO STATION	4" WHITE FOOT	4" YELLOW FOOT	6" WHITE FOOT	12" YELLOW DIAGONALS FOOT
MT-4	STAGE1	186+89.00	196+50.00	1,882	2,047	329	110
IL 31	STAGE 2	185+38.00	196+50.00	1,475	1,929	480	101
McLEAN		814+00.00	820+64.67	-	-	-	265
SUB TOTAL				3,357	3,976	809	476
TOTAL				7,333		809	476

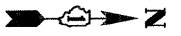
NOTE:
 1. 4" TEMPORARY PAVEMENT MARKING IS PAID FOR AS WET REFLECTIVE TEMPORARY TAPE TYPE III, 4".
 2. 12" TEMPORARY PAVEMENT MARKING IS PAID FOR AS WET REFLECTIVE TEMPORARY TAPE TYPE III, 12"

FINAL PAVEMENT MARKINGS SCHEDULE												
DRWG*	STATION	TO STATION	4" WHITE FOOT	4" YELLOW FOOT	6" WHITE FOOT	8" WHITE FOOT	12" WHITE DIAGONALS FOOT	12" YELLOW DIAGONALS FOOT	24" STOP BAR FOOT	LETTERS & SYMBOLS SQ FT	RPM 1-WAY EACH	RPM 2-WAY EACH
PM-1	PCC PAVEMENT: USE POLYUREA PAVEMENT MARKING TYPE 1											
McLEAN	800+00.00	814+00.00	676	0	2,128	105	1,156	34	228	474	61	-
	814+00.00	820+64.67	760	0	794	-	43		22	182	17	-
	SUB TOTAL		1,436	0	2,922	105	1,199	34	250	656	78	0
TOTAL			1,436	0	2,922	105	1,233	250	656	78	0	

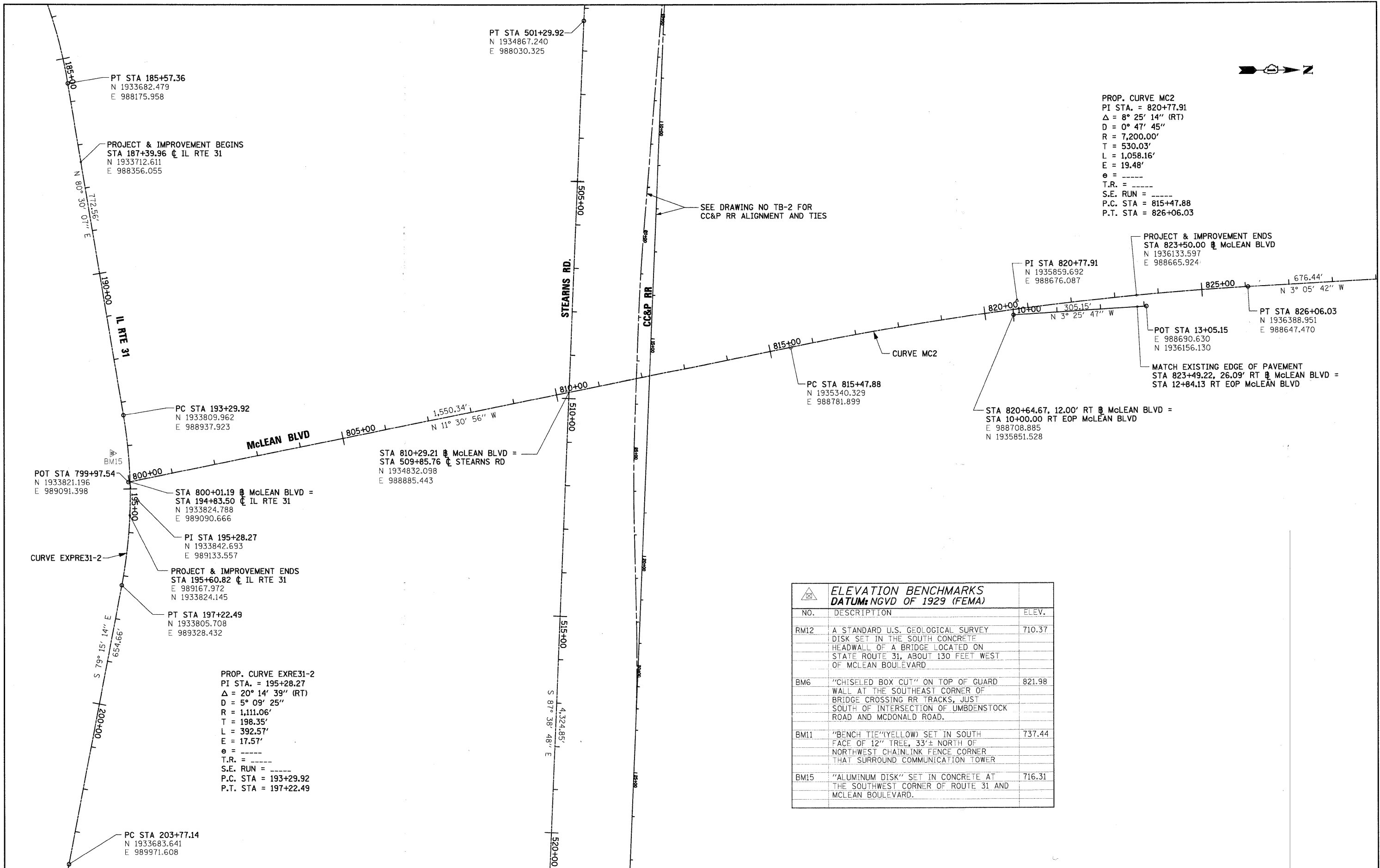
FINAL PAVEMENT MARKINGS SCHEDULE												
DRWG*	STATION	TO STATION	4" WHITE FOOT	4" YELLOW FOOT	6" WHITE FOOT	8" WHITE FOOT	12" WHITE DIAGONALS FOOT	12" YELLOW DIAGONALS FOOT	24" STOP BAR FOOT	LETTERS & SYMBOLS SQ FT	RPM 1-WAY EACH	RPM 2-WAY EACH
PM-1	HOT-ASPHALT MIX PAVEMENT: USE THERMOPLASTIC PAVEMENT MARKING											
McLEAN	STATION EQUATION: 820+64.67, 12.00' RT BK. = 10+00 AHD.											
	10+00.00	12+84.13	572	798	221	-	0	0	0	37	9	12
PM-2	186+01.16	199+06.6	2,545	3,857	473	-	249	302	77	73	41	28
IL 31	SUB TOTAL		3,117	4,655	694	0	249	302	77	110	50	40
TOTAL			7,772	694	0	551	77	110	90			

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION CUT CU YD	ROCK EXCAVATION CU YD	EXCAVATION to be used in EMBANKMENT SF (15%) CU YD	EMBANKMENT FILL CU YD	EARTHWORK BALANCE WASTE (+) or SHORTAGE (-) CU YD	TOPSOIL EXCAVATION CU YD	TOPSOIL FURNISH AND PLACE SQ YD
McLEAN BLVD	-	-	-	-	-	-	-
800+50 TO 820+64.67	68,544	2,441	60,703	11,159	49,544	4,149	24,034
STA EQ: 820+64.67=10+00							
10+00 TO 12+84.13	1,836	0	1,561	6	1,555	144	1,529
AGGREGATE SHOULDER	387						
IL RTE 31							
186+01.16 TO 202+70	16,643	858	15,005	475	14,530	1,591	13,837
AGGREGATE SHOULDER	118						
TEMPORARY PAVEMENT	151		128	136	-8	42	
TEMPORARY DITCH							
10+00 14+57.38	2,570		2,185	90	2,095		
RR RUNAROUND	6,500		5,525		5,525	1,584	
TOTAL	96,749	3,299	85,106	11,866	73,240	7,510	39,400
SHRINKAGE FACTORS: Earth Excavation:		15%					
Rock Excavation:		0%					

TEMPORARY RAILROAD EMBANKMENT			
LOCATION	EARTH EXCAVATION CUT CU YD	EMBANKMENT FILL CU YD	
RAILROAD RUNAROUND	6,500	36,310	



PROP. CURVE MC2
 PI STA. = 820+77.91
 $\Delta = 8^\circ 25' 14''$ (RT)
 $D = 0^\circ 47' 45''$
 $R = 7,200.00'$
 $T = 530.03'$
 $L = 1,058.16'$
 $E = 19.48'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA} = 815+47.88$
 $P.T. \text{ STA} = 826+06.03$



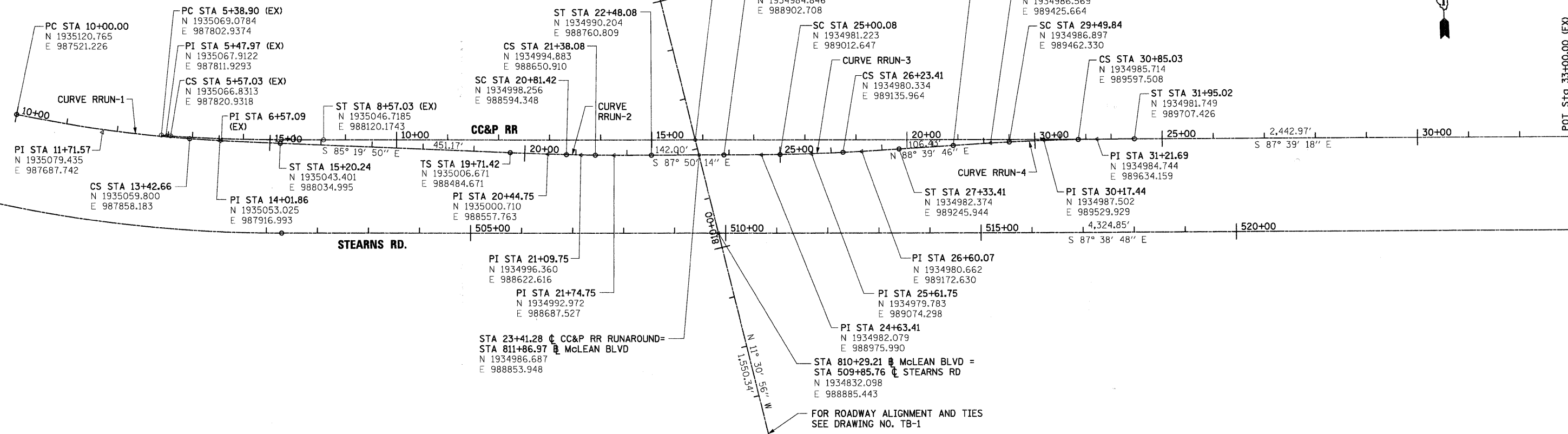
STA 810+29.21 @ McLEAN BLVD =
 STA 509+85.76 @ STEARNS RD
 $N 1934832.098$
 $E 988885.443$

PROP. CURVE EXPRE31-2
 PI STA. = 195+28.27
 $\Delta = 20^\circ 14' 39''$ (RT)
 $D = 5^\circ 09' 25''$
 $R = 1,111.06'$
 $T = 198.35'$
 $L = 392.57'$
 $E = 17.57'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA} = 193+29.92$
 $P.T. \text{ STA} = 197+22.49$

ELEVATION BENCHMARKS DATUM: NGVD OF 1929 (FEMA)		
NO.	DESCRIPTION	ELEV.
RM12	A STANDARD U.S. GEOLOGICAL SURVEY DISK SET IN THE SOUTH CONCRETE HEADWALL OF A BRIDGE LOCATED ON STATE ROUTE 31, ABOUT 130 FEET WEST OF MCLEAN BOULEVARD	710.37
BM6	"CHISELED BOX CUT" ON TOP OF GUARD WALL AT THE SOUTHEAST CORNER OF BRIDGE CROSSING RR TRACKS, JUST SOUTH OF INTERSECTION OF UMBDENSTOCK ROAD AND MCDONALD ROAD.	821.98
BM11	"BENCH TIE"(YELLOW) SET IN SOUTH FACE OF 12" TREE, 33'± NORTH OF NORTHWEST CHAINLINK FENCE CORNER THAT SURROUND COMMUNICATION TOWER	737.44
BM15	"ALUMINUM DISK" SET IN CONCRETE AT THE SOUTHWEST CORNER OF ROUTE 31 AND MCLEAN BOULEVARD.	716.31

FILE NAME = 3:\Dgn\Civil\Sheet\16001.dgn	USER NAME = thorton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 ALIGNMENT TIES AND BENCHMARKS	F.A.P. RTE. = 361	SECTION = 06-00214-10-BR	COUNTY = KANE	TOTAL SHEETS = 219	SHEET NO. = 16	
PLOT SCALE = 1:100	CHECKED -	REVISED -	SCALE: 1"=100'			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63073	
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -									

EXISTING CC&P RR CURVE CCP6			COORDINATES			
MAIN PI DATA	CURVE DATA	SPIRAL DATA		NORTH	EAST	STATION
PI 6+45.35	Δ 0° 32' 39" (LT)	L 300.00'	PC	1,935,069.0784	987,802.9374	STA 5+38.90
N 1,935,055.3864	D 3° 00' 02"	R 1,909.42'	CS	1,935,066.8313	987,820.9318	STA 5+57.03
E 987,908.5022	T 9.07'	Ø 1° 30' 00.1"	ST	1,935,046.7185	988,120.1743	STA 8+57.03
Δ 5° 02' 43" (LT)	L 18.13'	LT 200.07'				
	R 1,909.42'	ST 100.06'				



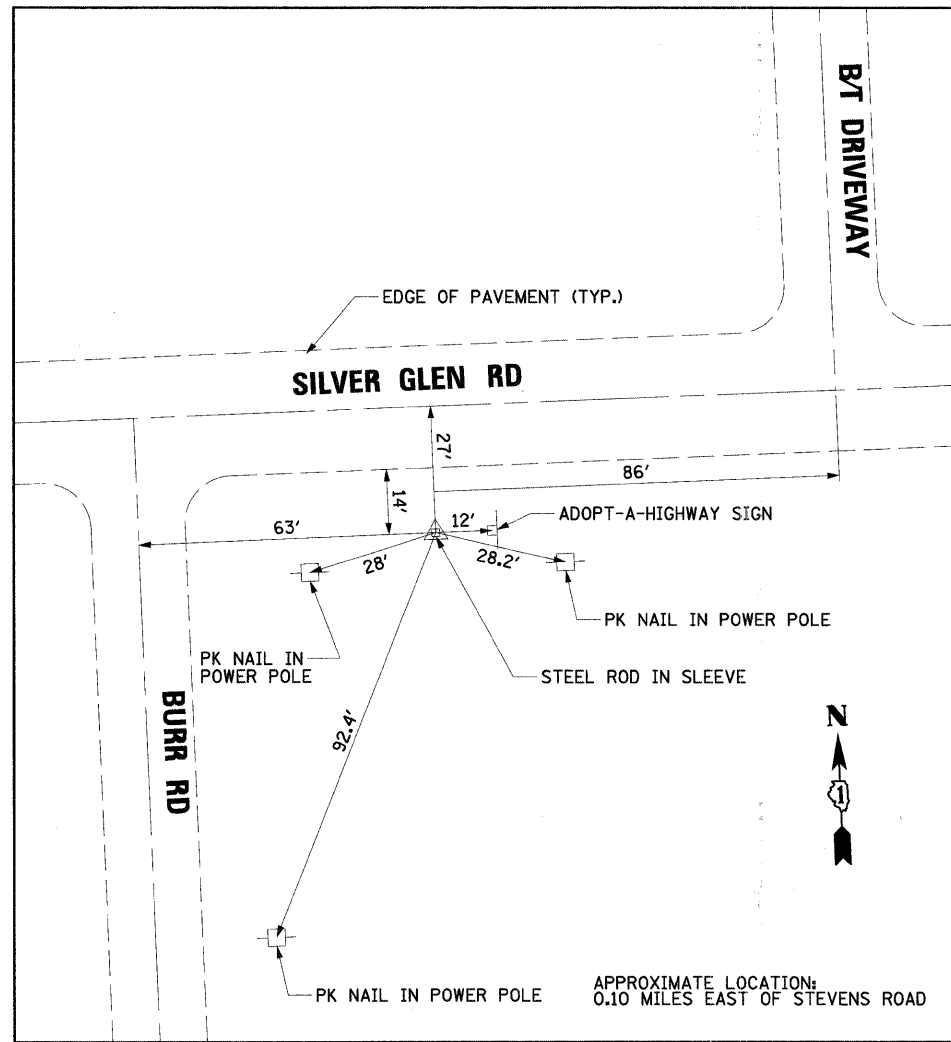
TEMPORARY RUN-AROUND CURVE RRUN-1			COORDINATES			
MAIN PI DATA	CURVE DATA	SPIRAL DATA		NORTH	EAST	STATION
PI 12+19.26	Δ 7° 22' 04" (LT)	L 177.58'	PC	1,935,120.7654	987,521.2264	STA 10+00.00
N 1,935,067.9471	D 2° 09' 00"	R 2,664.76'	CS	1,935,059.7999	987,858.1826	STA 13+42.66
E 987,734.0272	T 171.57'	Ø 0° 38' 10.9"	ST	1,935,043.4006	988,034.9950	STA 15+20.24
Δ 9° 16' 36" (LT)	L 342.66'	LT 118.39'				
	R 2,664.76'	ST 59.20'				

TEMPORARY RUN-AROUND CURVE RRUN-2			COORDINATES			
MAIN PI DATA	CURVE DATA	SPIRAL DATA		NORTH	EAST	STATION
PI 21+09.76	Δ 0° 51' 00" (LT)	L 110.00'	TS	1,935,006.6712	988,484.6712	STA 19+71.42
N 1,934,995.4251	D 1° 30' 00"	R 3,819.61'	SC	1,934,998.2558	988,594.3478	STA 20+81.42
E 988,622.5606	T 28.33'	Ø 0° 16' 30.0"	CS	1,934,994.8829	988,650.9099	STA 21+38.08
Δ 2° 30' 00" (LT)	L 56.66'	LT 73.33'	ST	1,934,990.2044	988,760.8093	STA 22+48.08
TS 138.3473	R 3,819.61'	ST 36.67'				

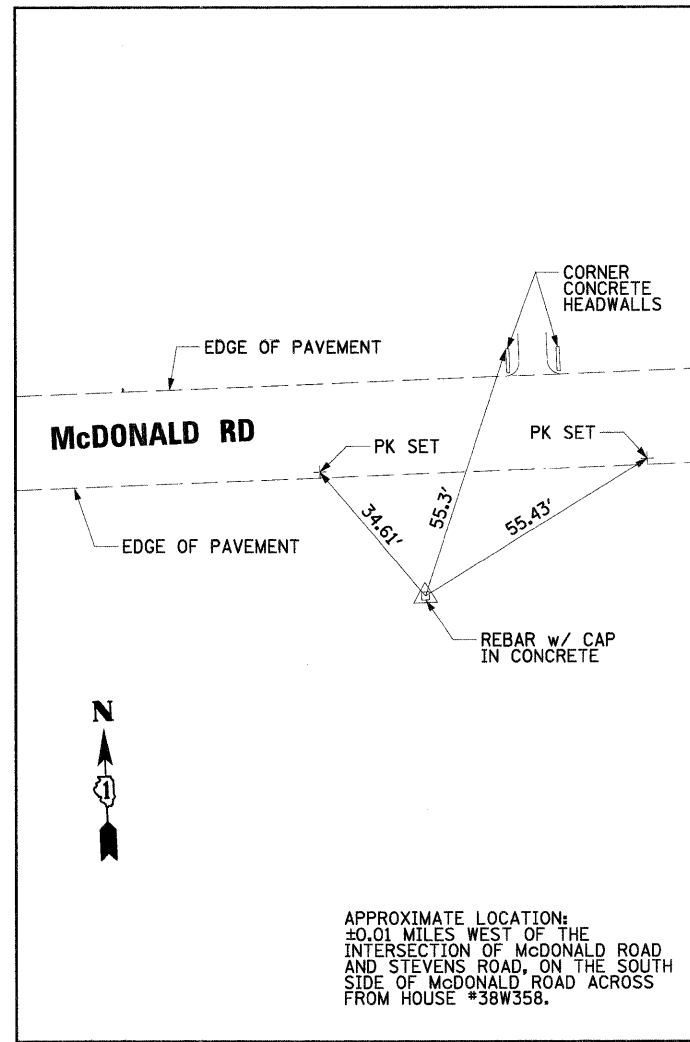
TEMPORARY RUN-AROUND CURVE RRUN-3			COORDINATES			
MAIN PI DATA	CURVE DATA	SPIRAL DATA		NORTH	EAST	STATION
PI 25+61.78	Δ 1° 50' 59.8" (LT)	L 110.00'	TS	1,934,984.8459	988,902.7077	STA 23+90.08
N 1,934,978.3664	D 1° 30' 00.2"	R 3,819.61'	SC	1,934,981.2226	989,012.6469	STA 25+00.08
E 989,074.2882	T 61.67'	Ø 0° 16' 30.0"	CS	1,934,980.3344	989,135.9642	STA 26+23.41
Δ 3° 30' 00" (LT)	L 123.33'	LT 73.33'	ST	1,934,982.3738	989,245.9443	STA 27+33.41
TS 171.7028'	R 3,819.61'	ST 36.67'				

TEMPORARY RUN-AROUND CURVE RRUN-4			COORDINATES			
MAIN PI DATA	CURVE DATA	SPIRAL DATA		NORTH	EAST	STATION
PI 30+17.48	Δ 2° 01' 40.5" (RT)	L 109.99'	TS	1,934,984.8579	989,352.3496	STA 28+39.84
N 1,934,989.0038	D 1° 30' 00.2"	R 3,819.61'	SC	1,934,986.8973	989,462.3297	STA 29+49.84
E 989,529.9397	T 67.60'	Ø 0° 16' 29.94"	CS	1,934,985.7137	989,597.5082	STA 30+85.03
Δ 3° 40' 40" (RT)	L 135.19'	LT 73.33'	ST	1,934,981.7494	989,707.4258	STA 31+95.02
TS 177.63'	R 3,819.61'	ST 36.66'				

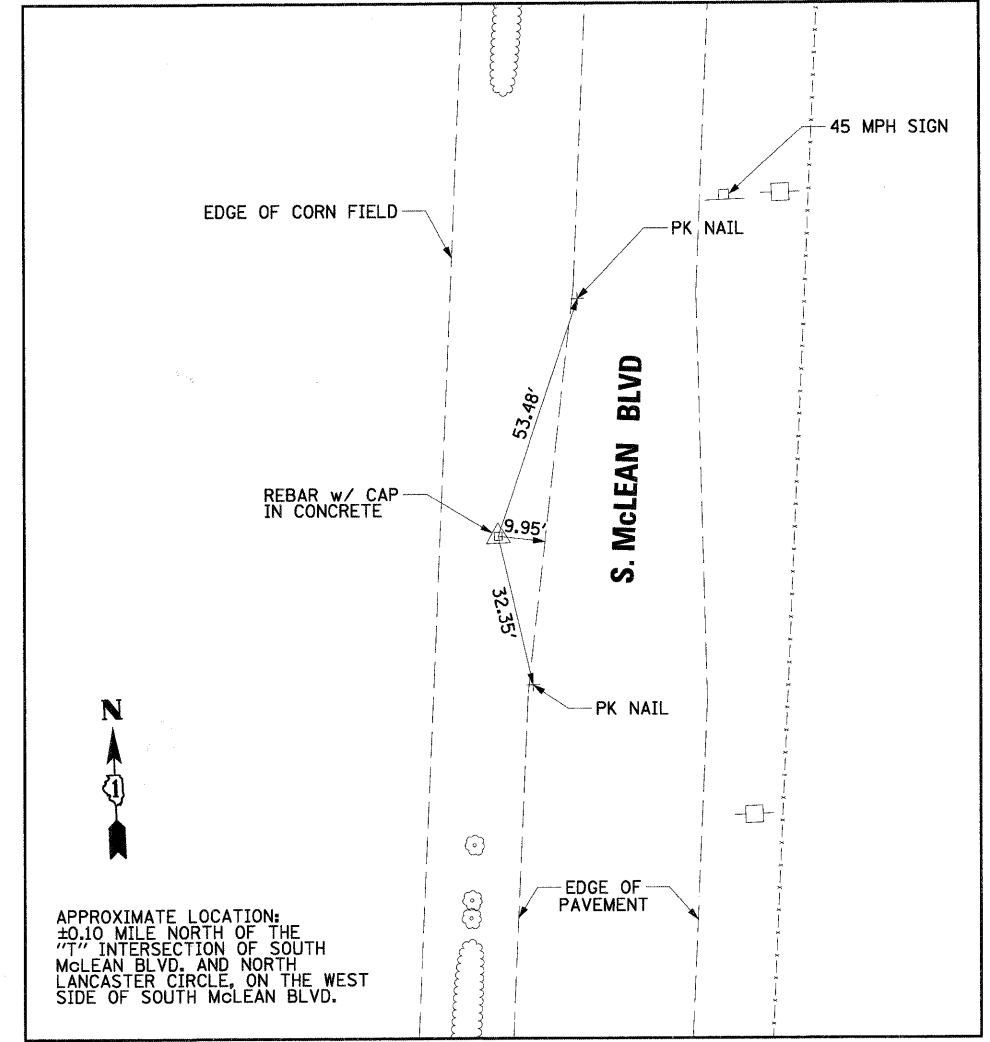
FILE NAME = I:\Dgn\Civil\Sheet\tb002.dgn	USER NAME = tshenton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 ALIGNMENT TIES AND BENCHMARKS	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 17
PLOT SCALE = 1:100	CHECKED -	REVISED -	CONTRACT NO. 63073							
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							
			SCALE: 1"=100'			SHEET NO. OF SHEETS STA.	10 STA.			



CONTROL POINT #1
 1" = 20'-0"



CONTROL POINT #10
 1" = 20'-0"



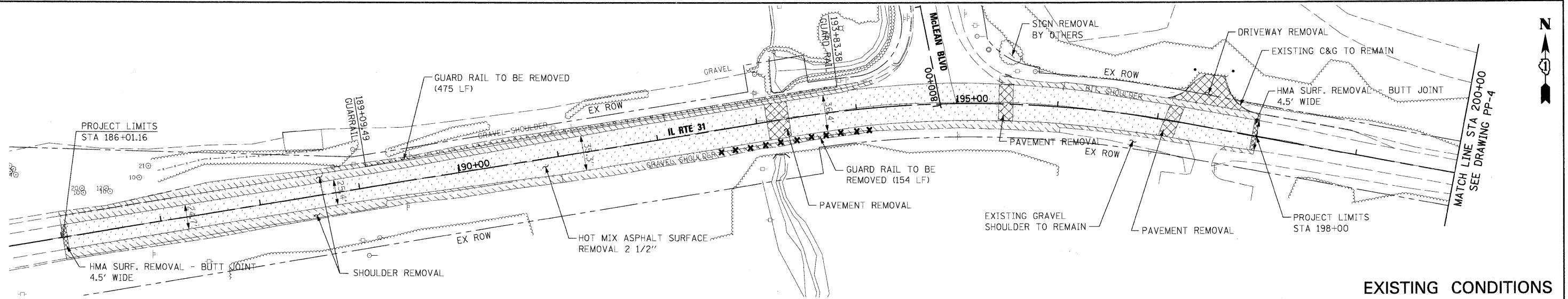
CONTROL POINT #11
 1" = 20'-0"

HORIZONTAL CONTROL			
NO.	NORTHING	EASTING	DESCRIPTION
CP-1	1931692.5958	977177.1967	STEEL ROD IN SLEEVE
CP-10	1938630.5183	988663.6564	REBAR WITH C.B.B. CAP IN CONCRETE
CP-11	1937437.9683	975054.5060	REBAR WITH C.B.B. CAP IN CONCRETE

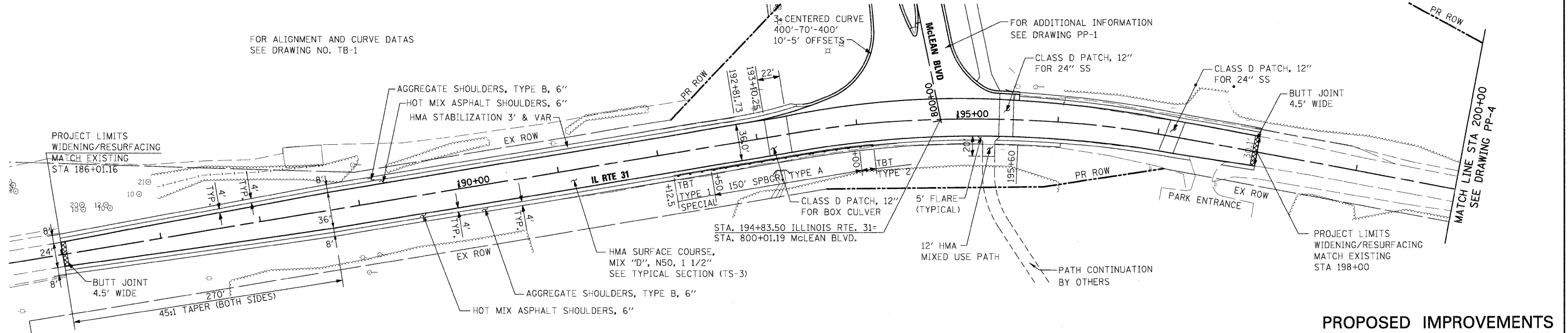
FILE NAME = 3:\Dgn\Civ\1\Sheet\1\003.dgn	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 ALIGNMENT TIES AND BENCHMARKS	F.A.P. RTE. = 361	SECTION = 06-00214-10-BR	COUNTY = KANE	TOTAL SHEETS = 219	SHEET NO. = 18	
	PLOT SCALE = 1:20	DRAWN -	REVISED -			SCALE: 1"=100'	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 63073		
	PLOT DATE = 3/29/2009	CHECKED -	REVISED -			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT					
		DATE = 3/27/09	REVISED -								

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF MAY CHECKED	
	ADD FILE NAME	

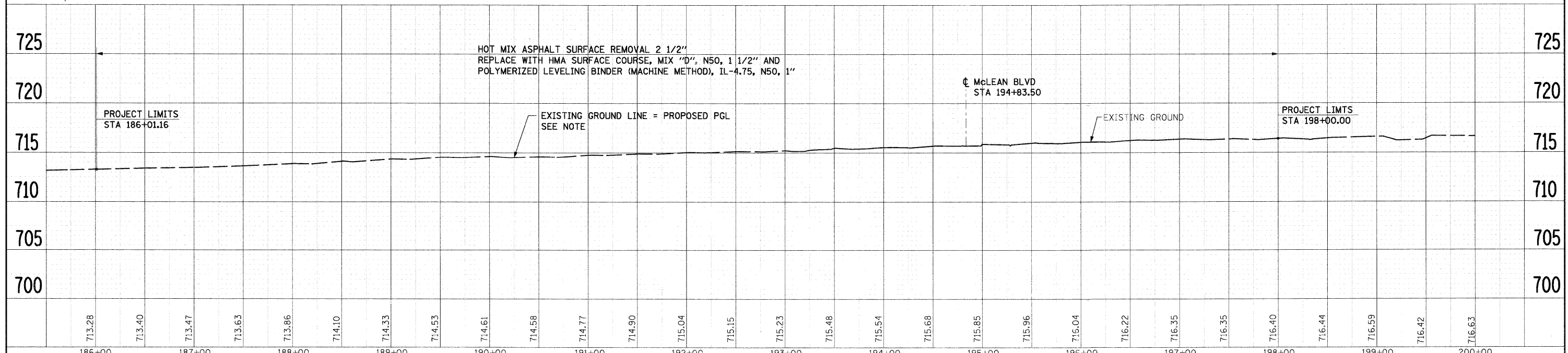
PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. OF MAY CHECKED	
	ADD FILE NAME	



EXISTING CONDITIONS



PROPOSED IMPROVEMENTS



FILE NAME =	USER NAME = JFigueroa	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 PLAN AND PROFILE - ILLINOIS ROUTE 31	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
I:\Dgn\Civil\Sheet\pp023.dgn		DRAWN -	REVISED -			361	06-00214-10-BR	KANE	219	19	
PLOT SCALE = 1:50.0001		CHECKED -	REVISED -			SCALE: 1"=50'H/1"=5'V		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 63073	
PLOT DATE = 4/29/2009		DATE = 3/27/09	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

**STAGES OF CONSTRUCTION
GENERAL NOTES**

1. THE ENGINEER SHALL BE INFORMED 72 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS, OR ANY CHANGE IN STAGE.
2. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES WITHIN THE PROJECT LIMITS. THE WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "AGGREGATE FOR TEMPORARY ACCESS".
3. THE CONTRACTOR SHALL PLACE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION TO INFORM MOTORISTS OF INCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS SHALL BE IN PLACE TWO WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THE WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL COMPLETE".
4. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE ACCESS WITH OTHER ADJACENT PROJECTS. THESE PROJECTS WILL BE USING THE ROUTE 31/MCLEAN CONSTRUCTION ENTRANCE.

**SEQUENCE OF CONSTRUCTION –
ILLINOIS ROUTE 31 – CULVERT**

STAGE I

TRAFFIC ON IL ROUTE 31 WILL BE MAINTAINED IN BOTH DIRECTIONS. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701006.

PLACE TRAFFIC CONTROL DEVICES, REMOVE EXISTING PAVEMENT MARKINGS. REMOVE EXISTING WESTBOUND SHOULDER AND CONSTRUCT THE TEMPORARY PAVEMENT.

PLACE TEMPORARY PAVEMENT MARKINGS PER MAINTENANCE OF TRAFFIC STAGE I PLAN. REMOVE AND RELOCATE EXISTING GUARDRAIL.

CONSTRUCT TEMPORARY CONCRETE BARRIER AND ATTENUATOR PER STAGE II PLAN.

CONSTRUCT SOUTH PORTION OF CULVERT.

STAGE II

TRAFFIC ON IL ROUTE 31 WILL BE MAINTAINED IN BOTH DIRECTIONS. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH IDOT STANDARD 701006.

PLACE TRAFFIC CONTROL DEVICES, REMOVE STAGE I TEMPORARY PAVEMENT MARKINGS AND PLACE STAGE II TEMPORARY PAVEMENT MARKINGS.

RELOCATE TEMPORARY CONCRETE BARRIER AND ATTENUATOR PER STAGE II PLAN.

CONSTRUCT NORTH PORTION OF CULVERT.

**SEQUENCE OF CONSTRUCTION –
MCLEAN BOULEVARD**

STAGE I

MCLEAN BOULEVARD WILL BE CLOSED DURING RECONSTRUCTION, EXCEPT FOR CONSTRUCTION TRAFFIC RELATING TO MCLEAN IMPROVEMENTS AND ADJACENT STEARNS ROAD PROJECTS.

PLACE TRAFFIC CONTROL DEVICES, BUILD CONSTRUCTION ENTRANCE.

CONSTRUCT TEMPORARY CONCRETE BARRIER AND ATTENUATOR AS PER STAGE I PLAN.

CONSTRUCT WEST PORTION OF MCLEAN BOULEVARD. COORDINATE CONSTRUCTION AND ACCESS WITH ADJACENT PROJECTS ON STEARNS ROAD.

STAGE II

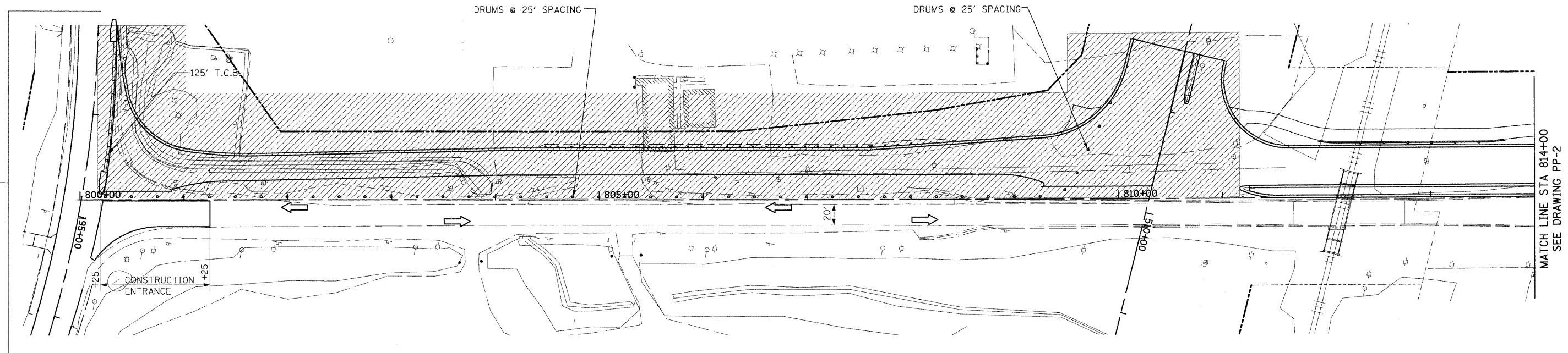
MCLEAN BOULEVARD WILL BE CLOSED DURING RECONSTRUCTION, EXCEPT FOR CONSTRUCTION TRAFFIC RELATING TO MCLEAN IMPROVEMENTS AND ADJACENT STEARNS ROAD PROJECTS.

PLACE TRAFFIC CONTROL DEVICES, REMOVE CONSTRUCTION ENTRANCE AND EXISTING MCLEAN BOULEVARD.

RELOCATE TEMPORARY CONCRETE BARRIER AND ATTENUATOR AS PER STAGE II PLAN.

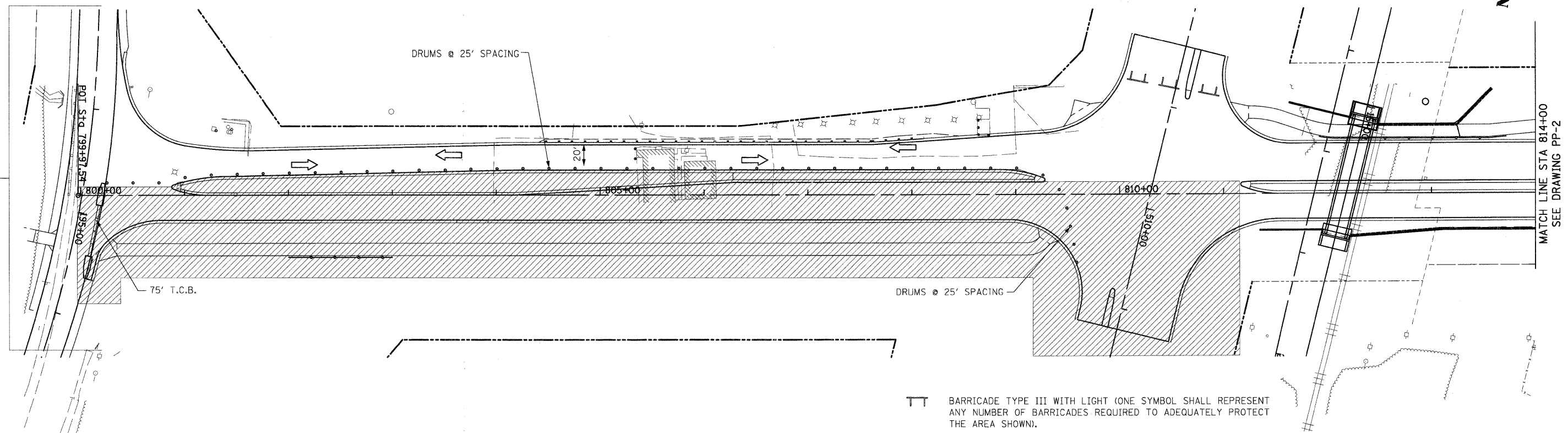
CONSTRUCT EAST PORTION OF MCLEAN BOULEVARD. COORDINATE CONSTRUCTION AND ACCESS WITH ADJACENT PROJECTS ON STEARNS ROAD.

FILE NAME = s:\dgn\civ\1\sheet\mt001.dgn	USER NAME = tthornton	DESIGNED - DRAWN -	REVISED - REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD – STAGE 2 MAINTENANCE OF TRAFFIC GENERAL NOTES & SEQUENCE OF CONSTRUCTION	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 23	
PLOT SCALE = 1:10	CHECKED	REVISED	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT		CONTRACT NO. 63073	
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -									





STAGE I

FOR CONSTRUCTION STAGING SIGNING,
SEE DETOUR PLAN SHEET MT-5



STAGE II

 BARRICADE TYPE III WITH LIGHT (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).

 WORK ZONE

 TRAFFIC DIRECTION

 TEMPORARY CONCRETE BARRIER

 IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3

FILE NAME =
c:\dgn\civ\1\sheet\mt202.dgn

USER NAME = tthornton

DESIGNED -
DRAWN -

REVISED -
REVISED -
REVISED -

PILOT SCALE = 1:50
PILOT DATE = 3/29/2009

CHECKED -
DATE = 3/27/09

REVISED -
REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION**

**NEW STEARNS ROAD - STAGE 2
MAINTENANCE OF TRAFFIC - McLEAN BOULEVARD**

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


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	24

CONTRACT NO. 63073
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

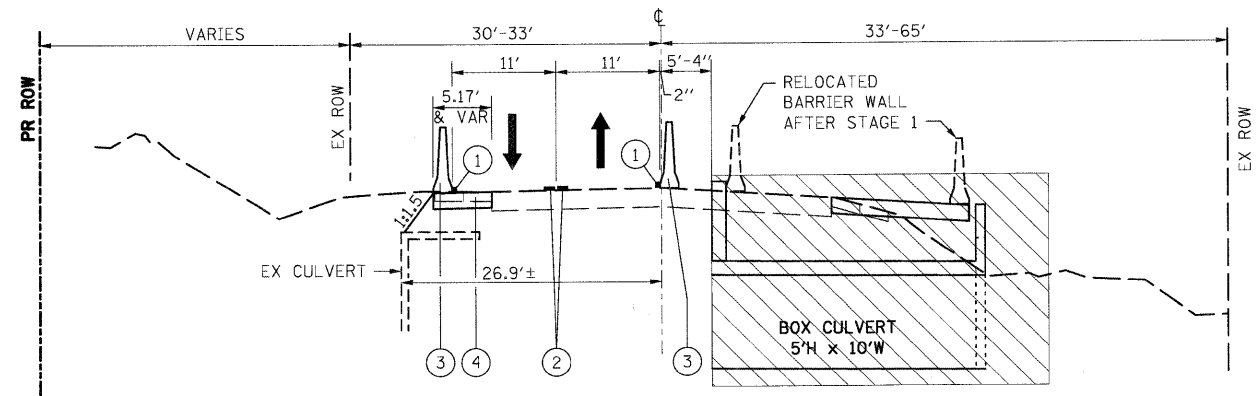
**STAGES OF CONSTRUCTION
GENERAL NOTES**

1. THE ENGINEER SHALL BE INFORMED 72 HOURS IN ADVANCE OF ANY CHANGE TO THE STAGING PLANS, OR ANY CHANGE IN STAGE.
2. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN ACCESS TO ALL ENTRANCES WITHIN THE PROJECT LIMITS. THE WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "AGGREGATE FOR TEMPORARY ACCESS".
3. THE CONTRACTOR SHALL PLACE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS SHALL BE IN PLACE TWO WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THE WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL & PROTECTION".

- ① TEMPORARY PAVEMENT MARKING 6 INCH (SEE SPECIAL PROVISIONS) OR TEMPORARY PAVEMENT MARKING LINE, 4 INCH (WHITE) ON PAVEMENT
- ② TEMPORARY PAVEMENT MARKING LINE, 4 INCH (DOUBLE YELLOW)
- ③ TEMPORARY CONCRETE BARRIER
- ④ TEMPORARY PAVEMENT, 10" HOT-MIX ASPHALT BINDER (IL-19)
- ⑤ RELOCATE TEMPORARY CONCRETE BARRIER

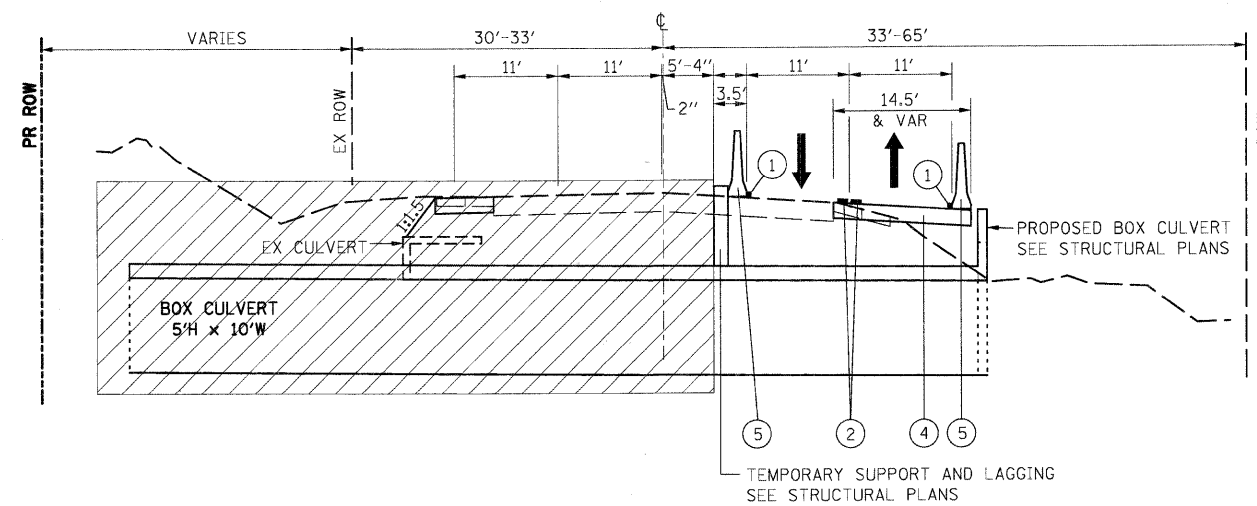
 WORK ZONE

 EXISTING PAVEMENT



ILLINOIS ROUTE 31 STAGE I

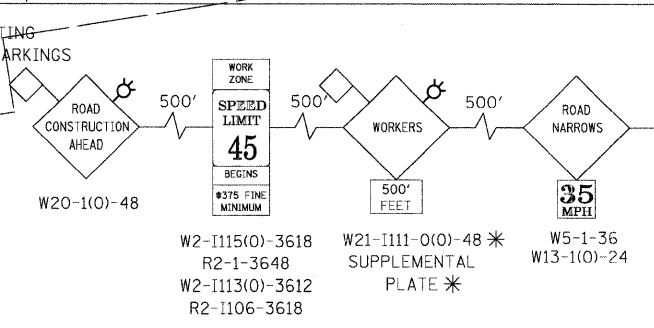
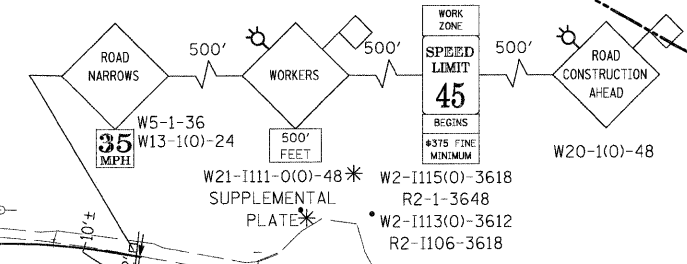
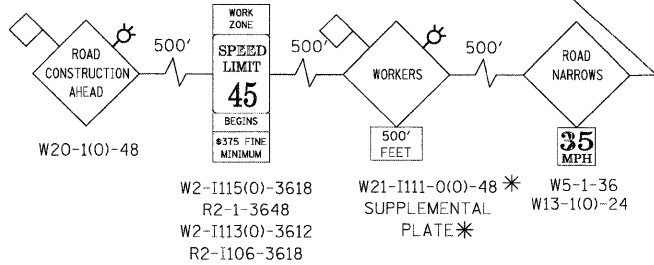
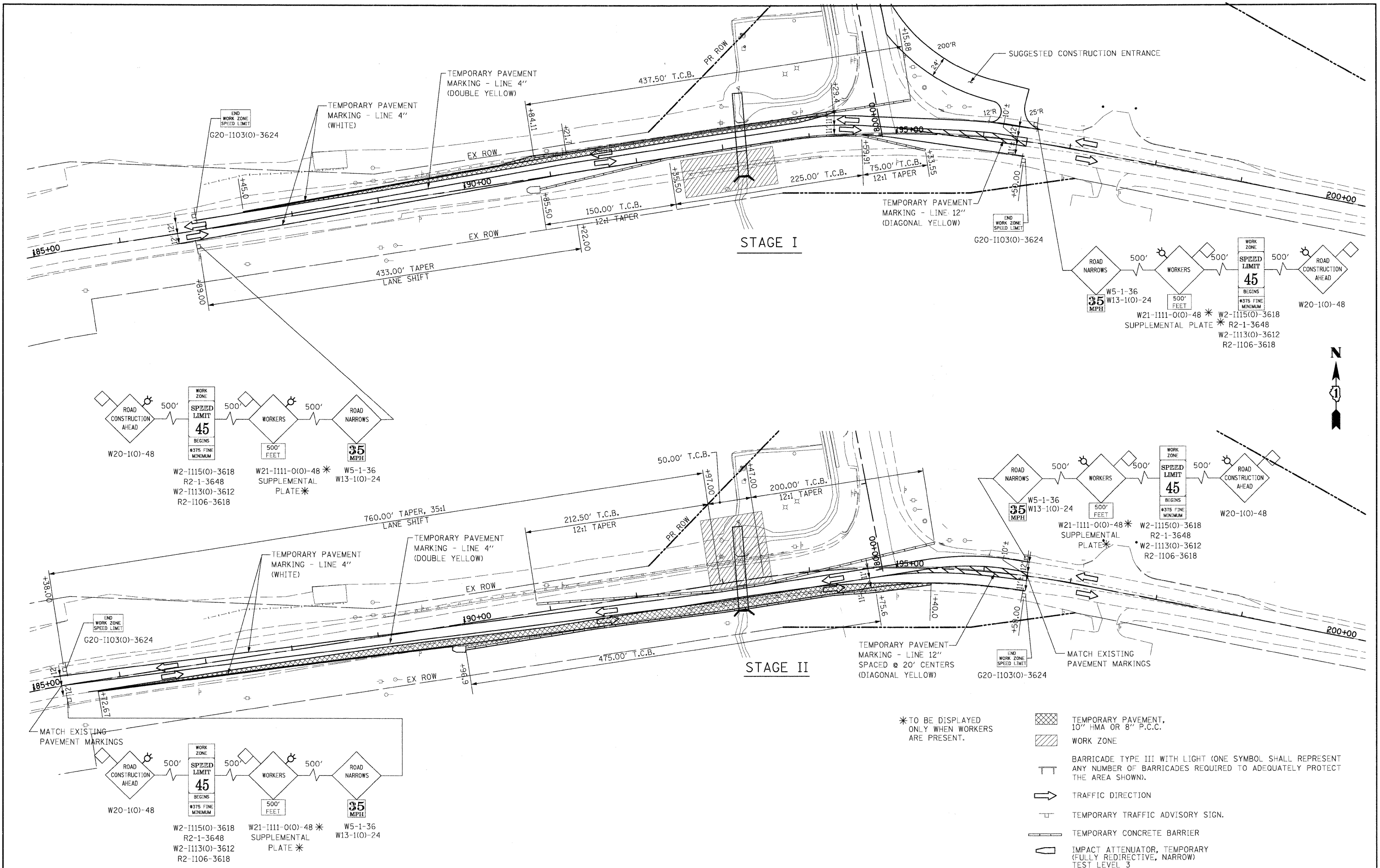
☐ PROPOSED CULVERT CROSSING
IL. RTE. 31 STA. 193+21.37



ILLINOIS ROUTE 31 STAGE II

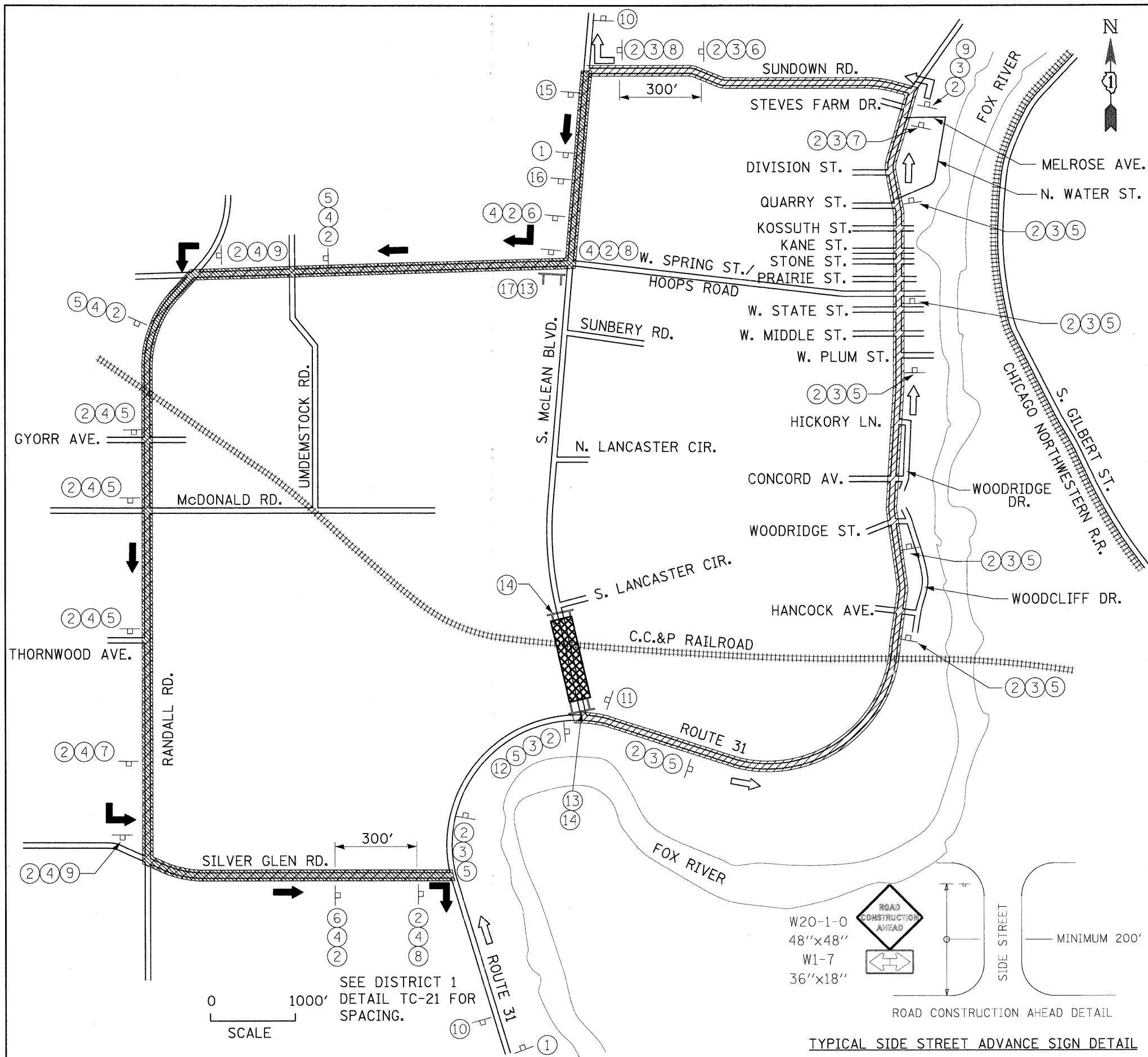
☐ PROPOSED CULVERT CROSSING
IL. RTE. 31 STA. 193+21.37

FILE NAME = I:\Dgn\Civil\Sheet\nt03.dgn	USER NAME = JFiguera	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 MAINTENANCE OF TRAFFIC - ROUTE 31 TYPICAL SECTIONS	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 25
	PLOT SCALE = 1:10	CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 63073 <small>FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT</small>		
PLOT DATE = 3/30/2009	DATE = 3/27/09	REVISIONS -	REVISIONS -							



- * TO BE DISPLAYED ONLY WHEN WORKERS ARE PRESENT.
- TEMPORARY PAVEMENT, 10" HMA OR 8" P.C.C.
- WORK ZONE
- BARRICADE TYPE III WITH LIGHT (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- TRAFFIC DIRECTION
- TEMPORARY TRAFFIC ADVISORY SIGN.
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3

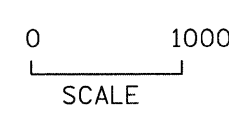
FILE NAME = I:\Dgn\Civil\Sheet\mt204.dgn	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 MAINTENANCE OF TRAFFIC - ROUTE 31	F.A.P. RITE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 26	
PLOT SCALE = 1:50	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 63073			
PLOT DATE = 4/29/2009	DATE = 3/27/09	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



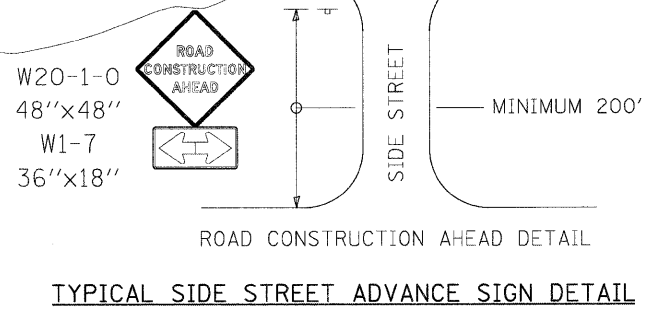
① W 20-2 48"x48"	② 36"x12"	③ M3-1 24"x12"	④ M3-3 24"x12"	⑤ M4-9 S 30"x24"
⑥ M4-9AR 30"x24"	⑦ M4-9AL 30"x24"	⑧ M4-9R 30"x24"	⑨ M4-9L 30"x24"	⑩ M4-8A 24"x18"
⑪ R3-1 24"x24"	⑫ R3-2 24"x24"	⑬ M4-10R 48"x18"	⑭ R11-2 48"x30"	
⑮ W20-3 48"x48"	⑯ W20-3 48"x48"	⑰ R11-4 60"x30"		

LEGEND

- CONSTRUCTION STAGE
- BARRICADE TYPE III WITH LIGHT (ONE SYMBOL SHALL REPRESENT ANY NUMBER OF BARRICADES REQUIRED TO ADEQUATELY PROTECT THE AREA SHOWN).
- BARRICADE TYPE I OR TYPE II OR DRUMS, WITH STEADY-BURNING LIGHT. (SEE APPLICABLE I.D.O.T. STANDARD FOR SPACING).
- TEMPORARY TRAFFIC ADVISORY SIGN.
- SIGN LEGEND NUMBER (SEE ADJACENT LEGEND FOR SIGNS AND CORRESPONDING NUMBERS).
- DIRECTION OF NORTHBOUND TEMPORARY TRAFFIC
- DIRECTION OF SOUTHBOUND TEMPORARY TRAFFIC
- NORTHBOUND DETOUR ROUTE
- SOUTHBOUND DETOUR ROUTE

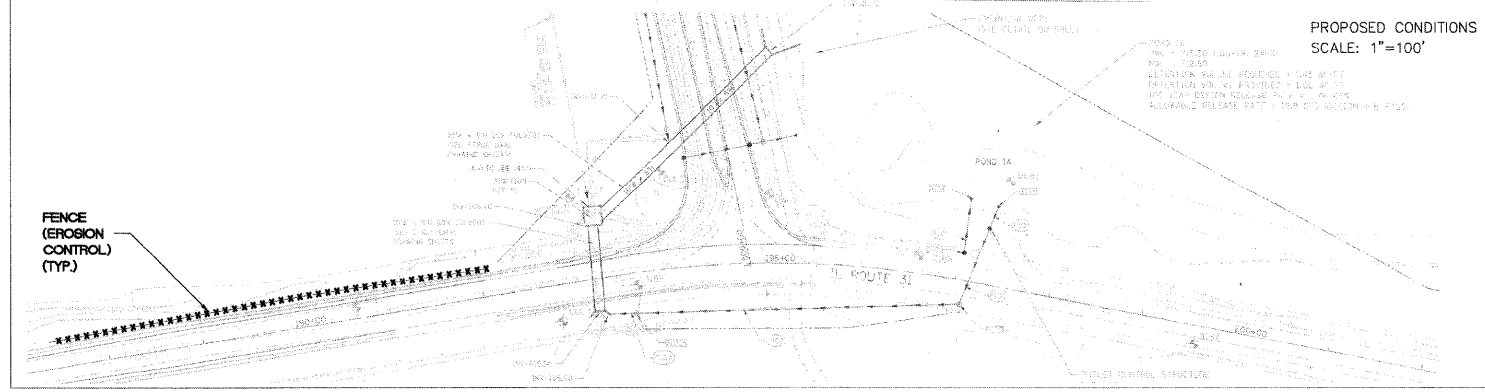
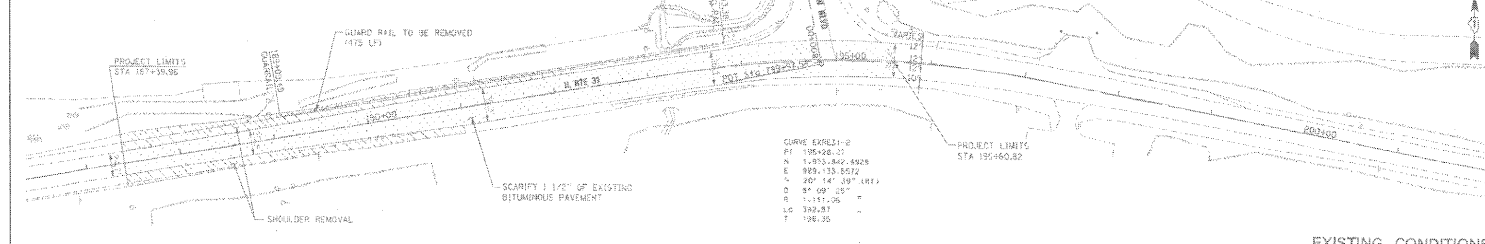
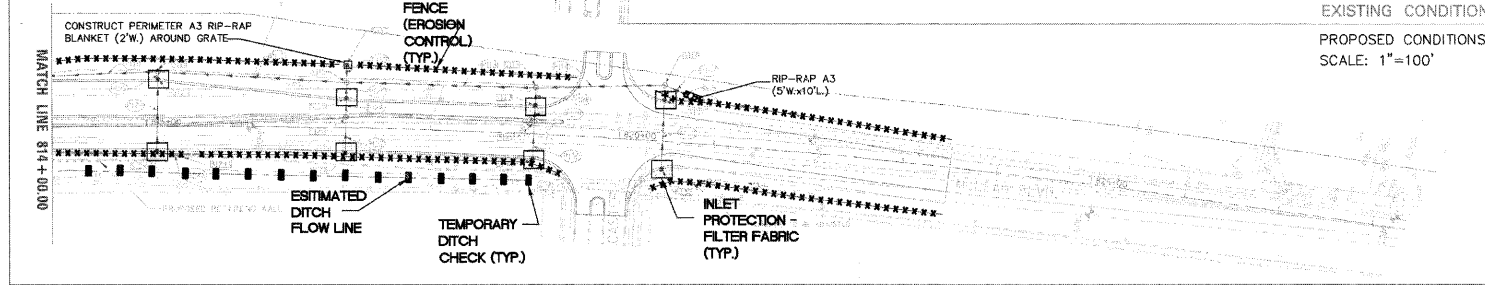
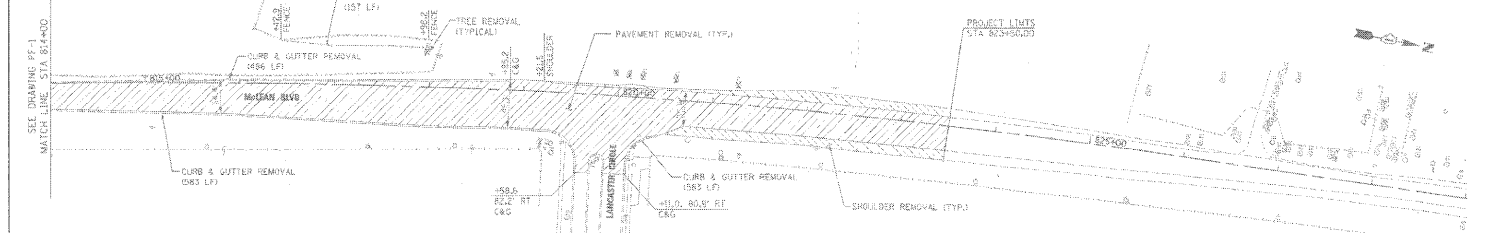
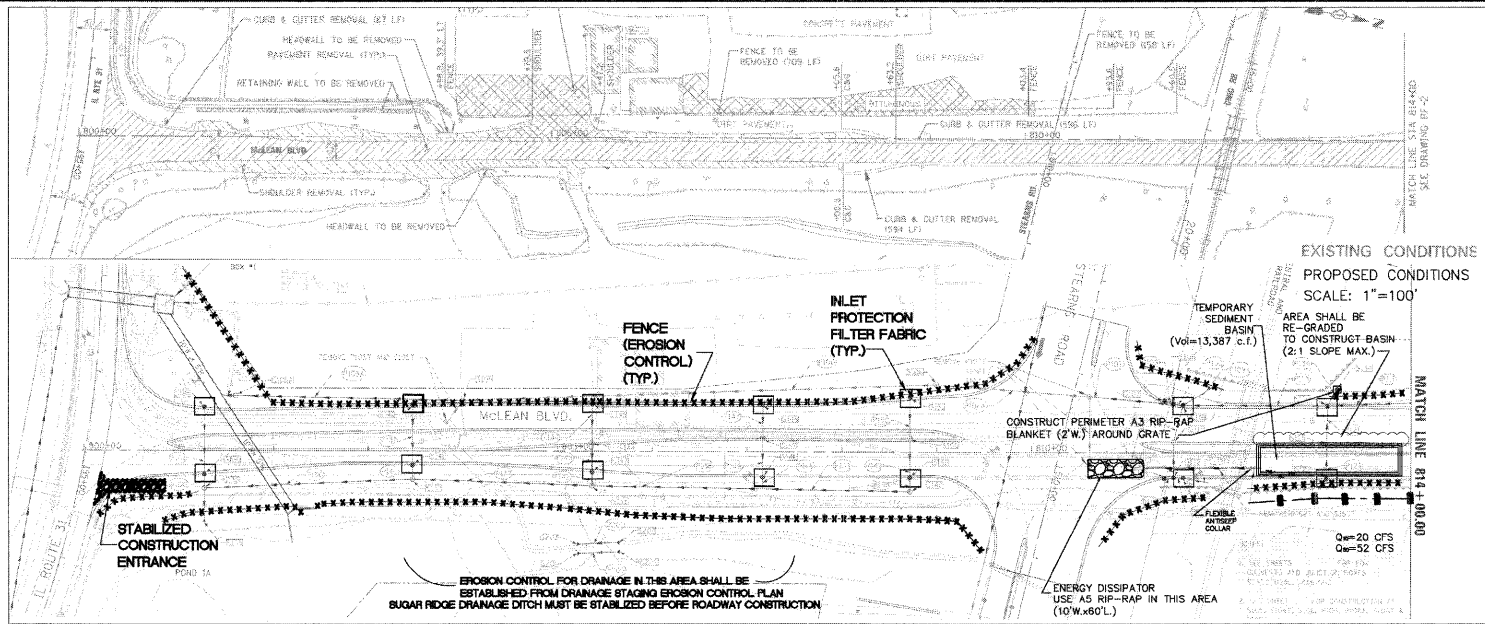


SEE DISTRICT 1
DETAIL TC-21 FOR
SPACING.

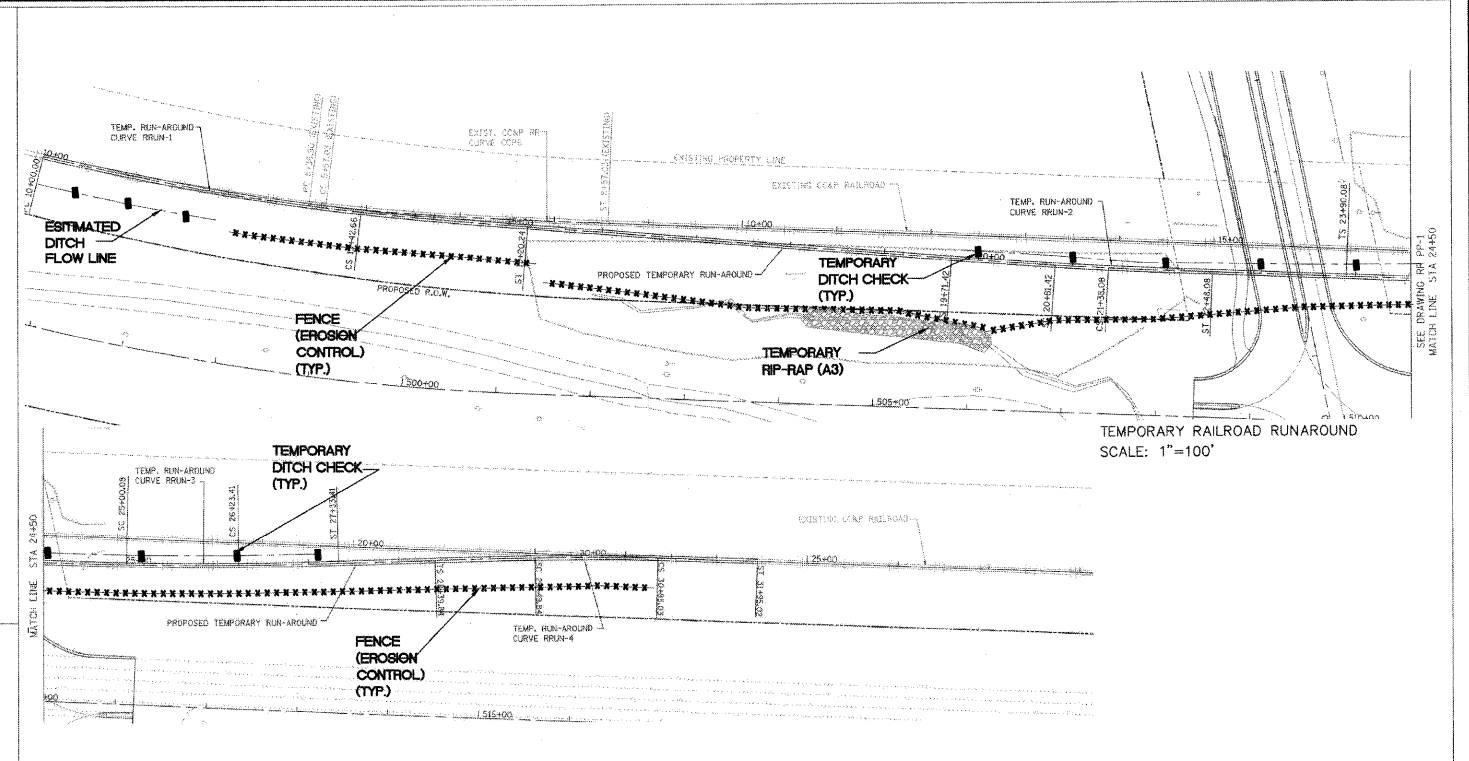


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PLOT SCALE = 1:1000	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 63073
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -								

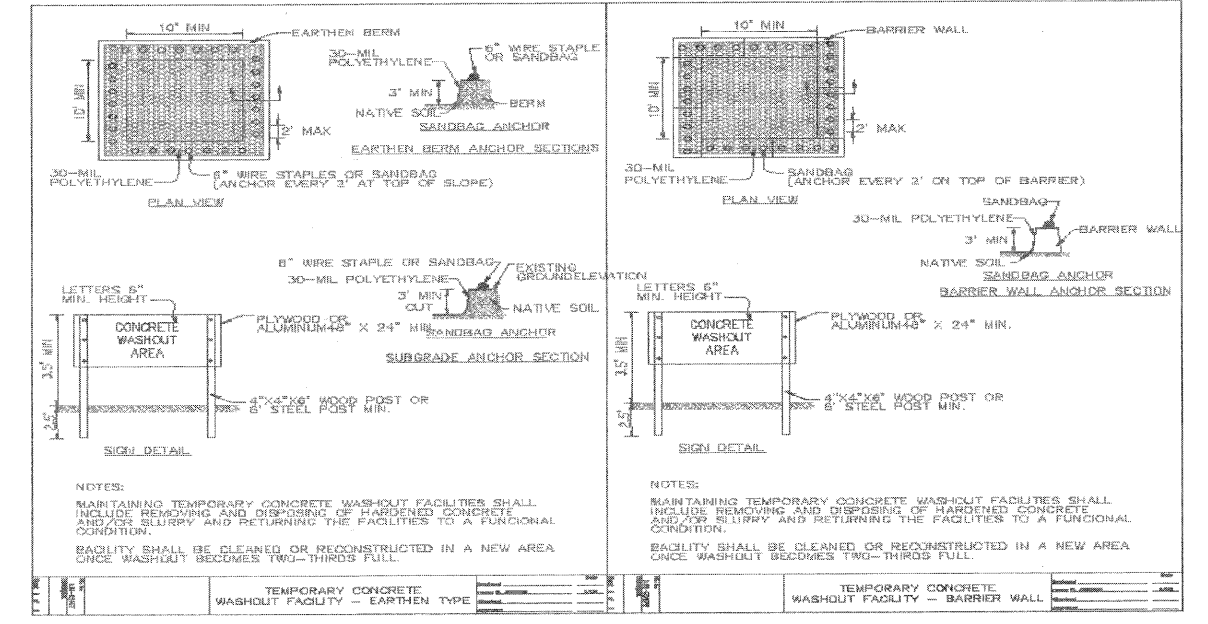
PLAN
 SURVEYED
 ALIGNMENT CHECKED
 RT. OF WAY CHECKED
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 NO. 2
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 NO. 100



EROSION CONTROL PLAN - ROADWAY CONSTRUCTION



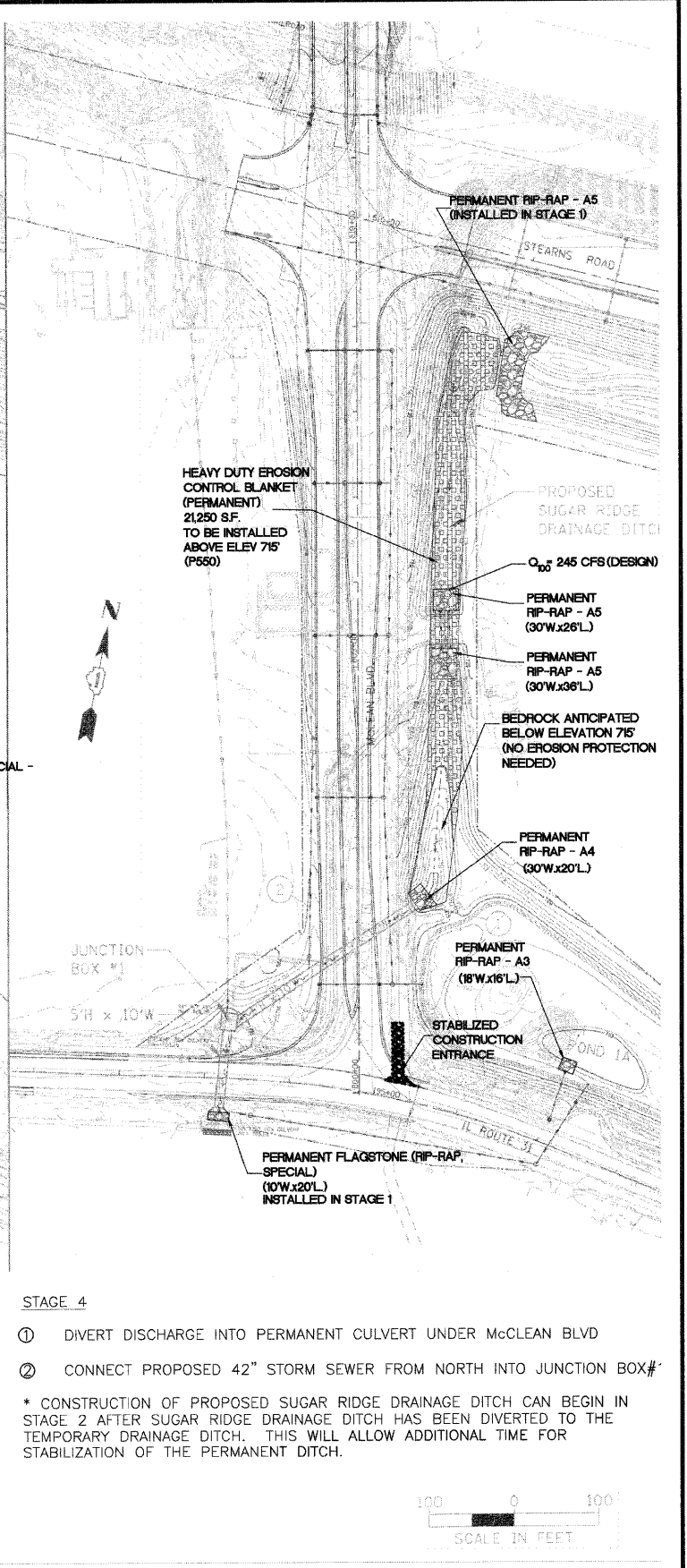
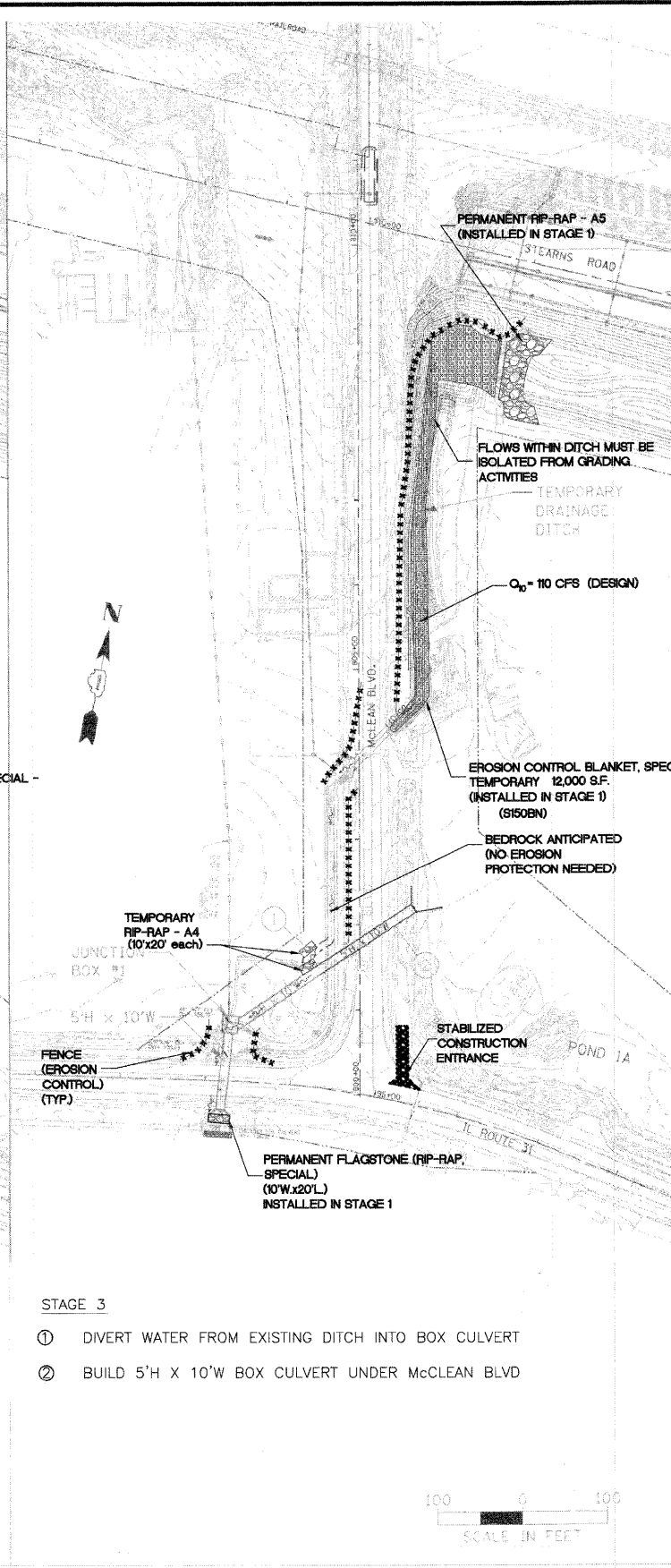
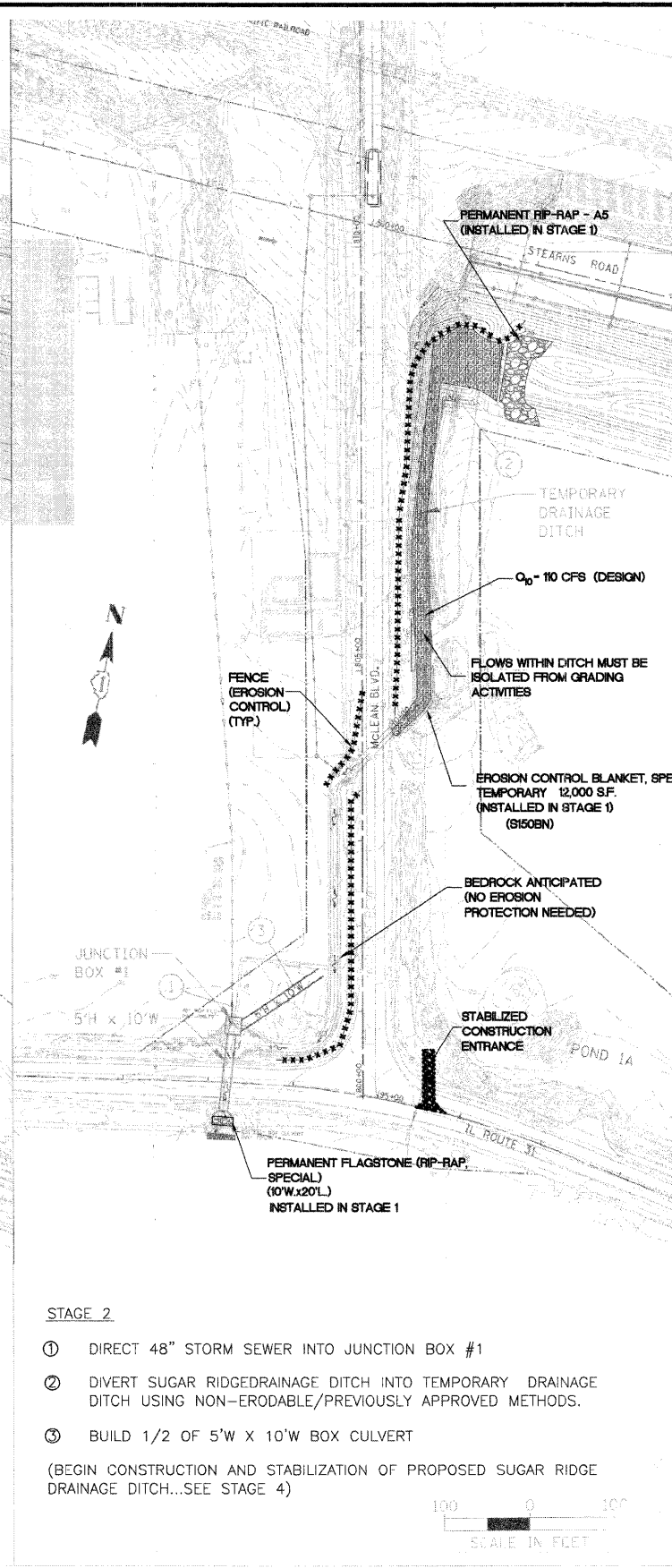
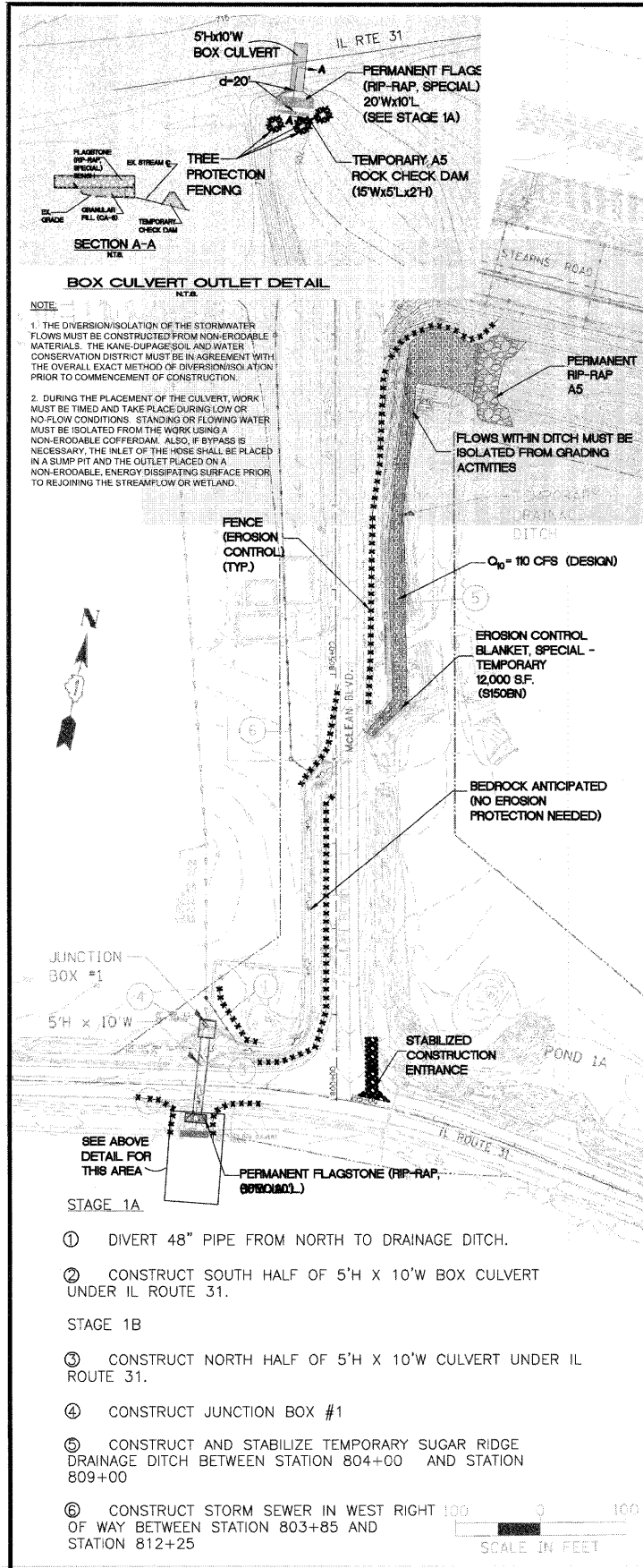
EROSION CONTROL PLAN - RAILROAD RUNAROUND



EROSION CONTROL PLAN - DETAILS

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SCALE: 1"=100'								SCALE: 1"=100'	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT		

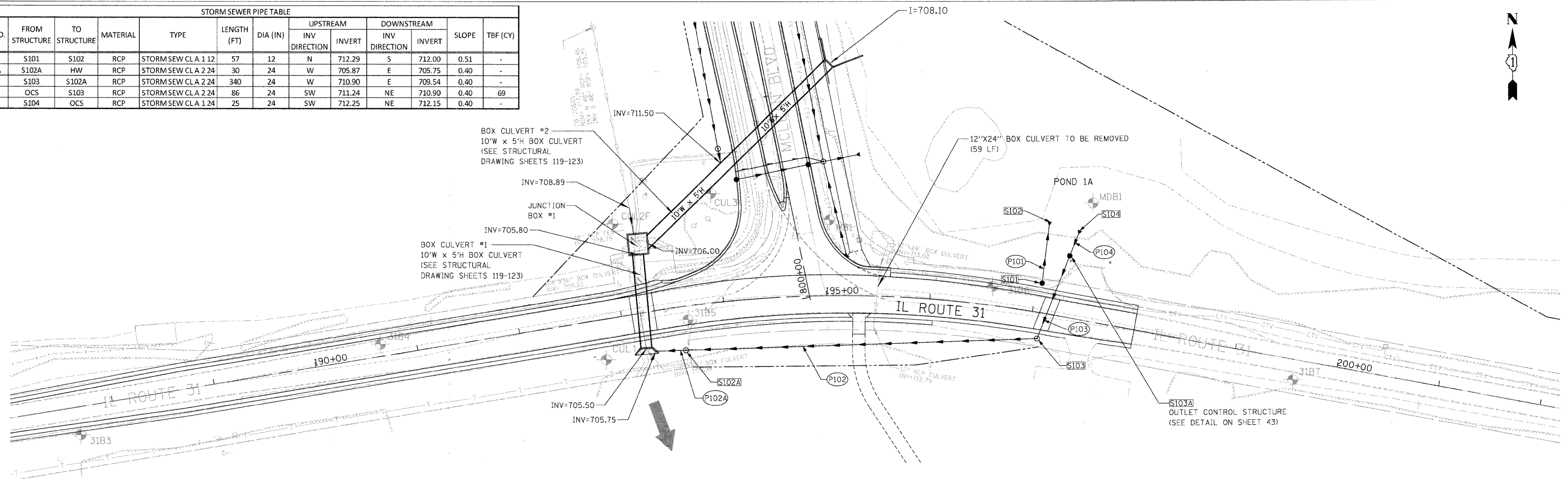
DATE	
BY	
SURVEYED	
PLOTTED	
CHECKED	
NOTED	
FILE NAME	



EROSION CONTROL PLAN - DRAINAGE IMPROVEMENT STAGING AND CONSTRUCTION

FILE NAME =	USER NAME = MTOGASCO	DESIGNED -		KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 EROSION CONTROL PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.	
10360.DIV11.SHEET1.ECP.DGN		DRAWN -				361	06-00214-10-BR	KANE	219	29
		CHECKED -				CONTRACT NO. 63073				
		DATE -	06/27/08			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
				SCALE: 1"=100'	SHEET NO.	OF SHEETS	STA.	TO STA.		

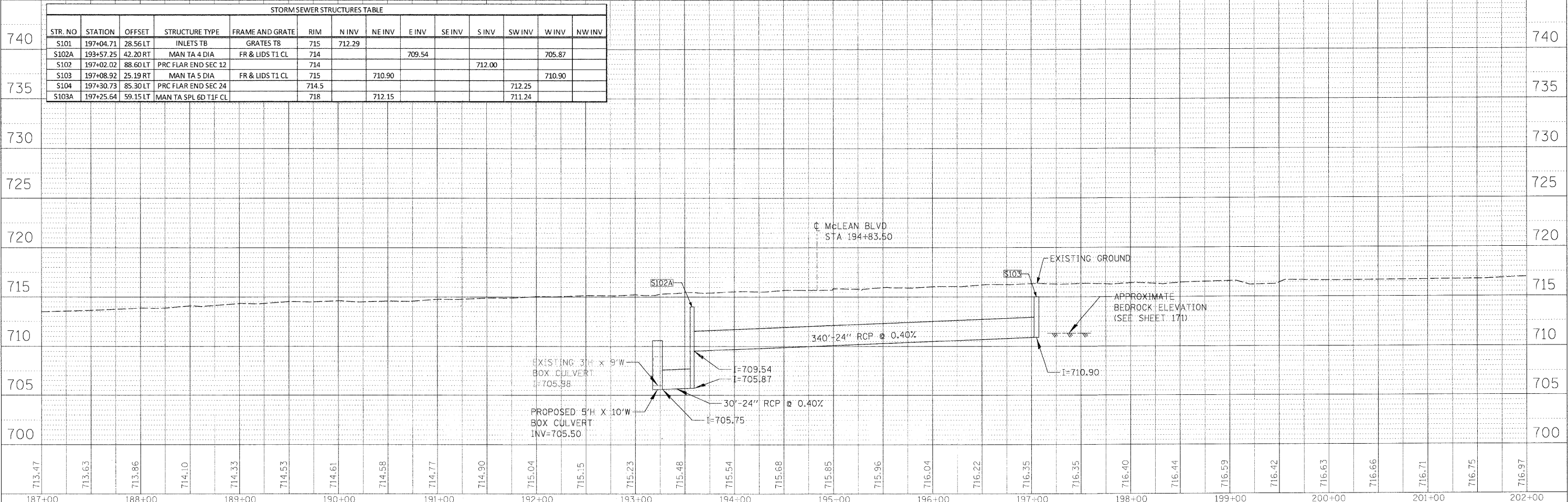
STORM SEWER PIPE TABLE												
PIPE NO.	FROM STRUCTURE	TO STRUCTURE	MATERIAL	TYPE	LENGTH (FT)	DIA (IN)	UPSTREAM		DOWNSTREAM		SLOPE	TBF (CY)
							INV DIRECTION	INVERT	INV DIRECTION	INVERT		
P101	S101	S102	RCP	STORMSEW CL A 1 12	57	12	N	712.29	S	712.00	0.51	-
P102A	S102A	HW	RCP	STORMSEW CL A 2 24	30	24	W	705.87	E	705.75	0.40	-
P102	S103	S102A	RCP	STORMSEW CL A 2 24	340	24	W	710.90	E	709.54	0.40	-
P103	OCS	S103	RCP	STORMSEW CL A 2 24	86	24	SW	711.24	NE	710.90	0.40	69
P104	S104	OCS	RCP	STORMSEW CL A 1 24	25	24	SW	712.25	NE	712.15	0.40	-



PLAN SURVEYED BY: DATE: PLOTTED BY: CHECKED BY: DATE: NOTE BOOK NO.: CAD FILE NAME:

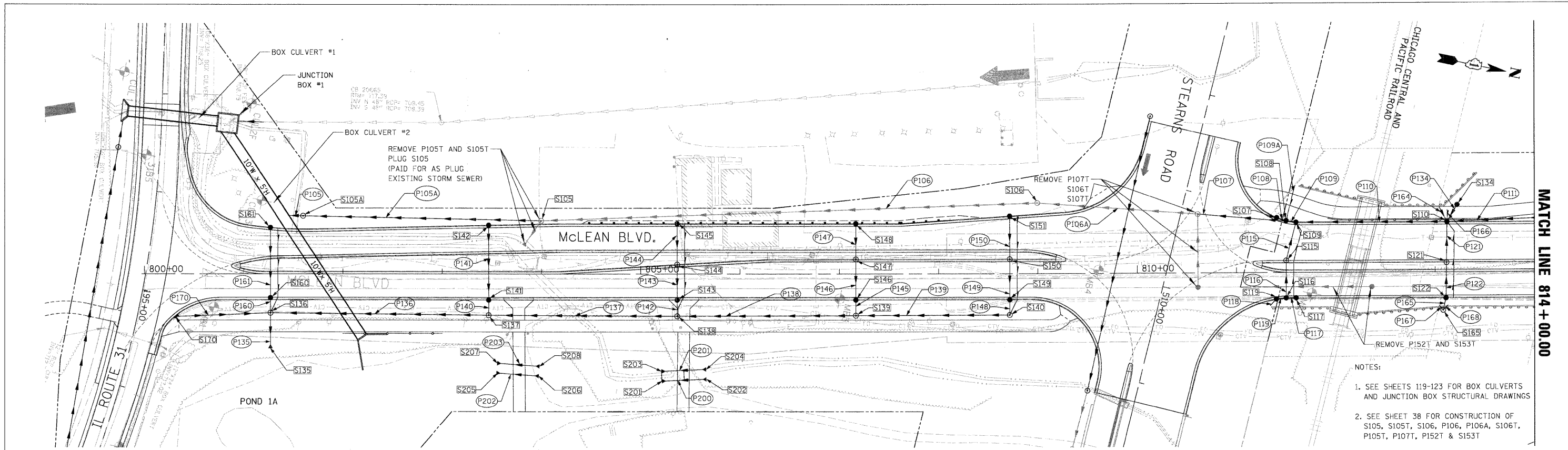
PROFILE SURVEYED BY: DATE: PLOTTED BY: CHECKED BY: DATE: NOTE BOOK NO.: STRUCTURE NOTATIONS CHHD:

STORM SEWER STRUCTURES TABLE													
STR. NO	STATION	OFFSET	STRUCTURE TYPE	FRAME AND GRATE	RIM	N INV	NE INV	E INV	SE INV	S INV	SW INV	W INV	NW INV
S101	197+04.71	28.56 LT	INLETS TB	GRATES T8	715	712.29							
S102A	193+57.25	42.20 RT	MAN TA 4 DIA	FR & LIDS T1 CL	714			709.54				705.87	
S102	197+02.02	88.60 LT	PRC FLAR END SEC 12		714					712.00			
S103	197+08.92	25.19 RT	MAN TA 5 DIA	FR & LIDS T1 CL	715			710.90				710.90	
S104	197+30.73	85.30 LT	PRC FLAR END SEC 24		714.5						712.25		
S103A	197+25.64	59.15 LT	MAN TA SPL 6D T1F CL		718			712.15			711.24		

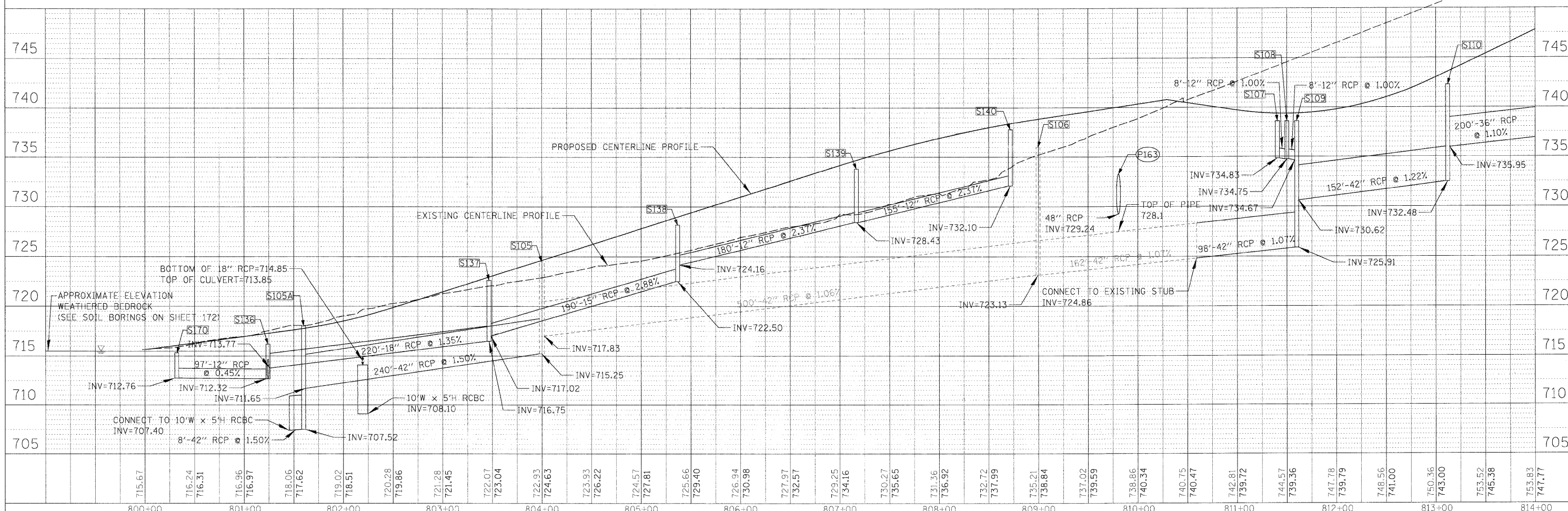


PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	BY	
	NO.	



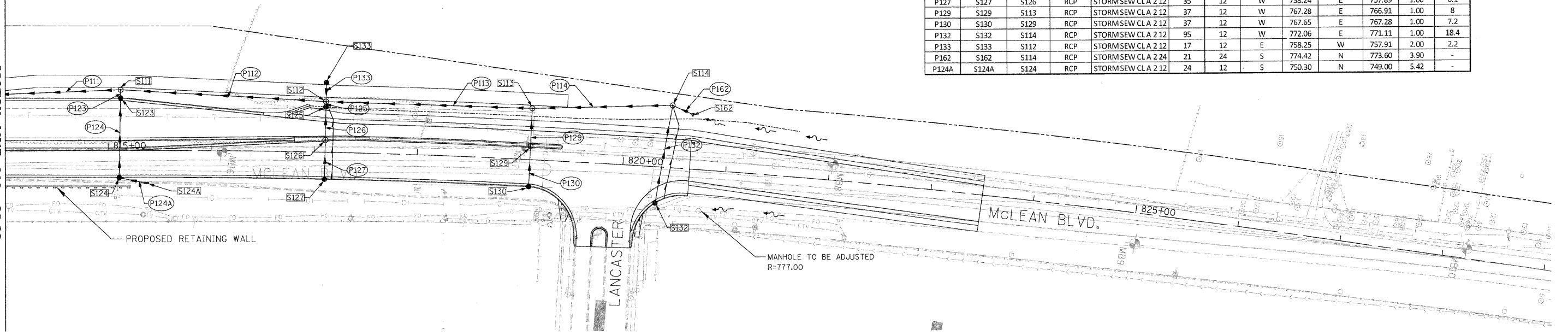
- NOTES:
- SEE SHEETS 119-123 FOR BOX CULVERTS AND JUNCTION BOX STRUCTURAL DRAWINGS
 - SEE SHEET 38 FOR CONSTRUCTION OF S105, S105T, S106, P106, P106A, S106T, P105T, P107T, P152T & S153T



FILE NAME = DPP_07996_01.SHT	USER NAME = dvi-mond	DESIGNED - JWW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW STEARN'S ROAD - STAGE 2 McLEAN BOULEVARD - DRAINAGE PLAN & PROFILE	F.A.I. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 33	
	PLOT SCALE = 50'	CHECKED - JWW	REVISED -			SCALE: 1"=50'	SHEET NO. 2 OF 6 SHEETS	STA. 799+97.54	TO STA. 814+00	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT
	PLOT DATE = 3/30/2009	DATE -	REVISED -			CONTRACT NO.					

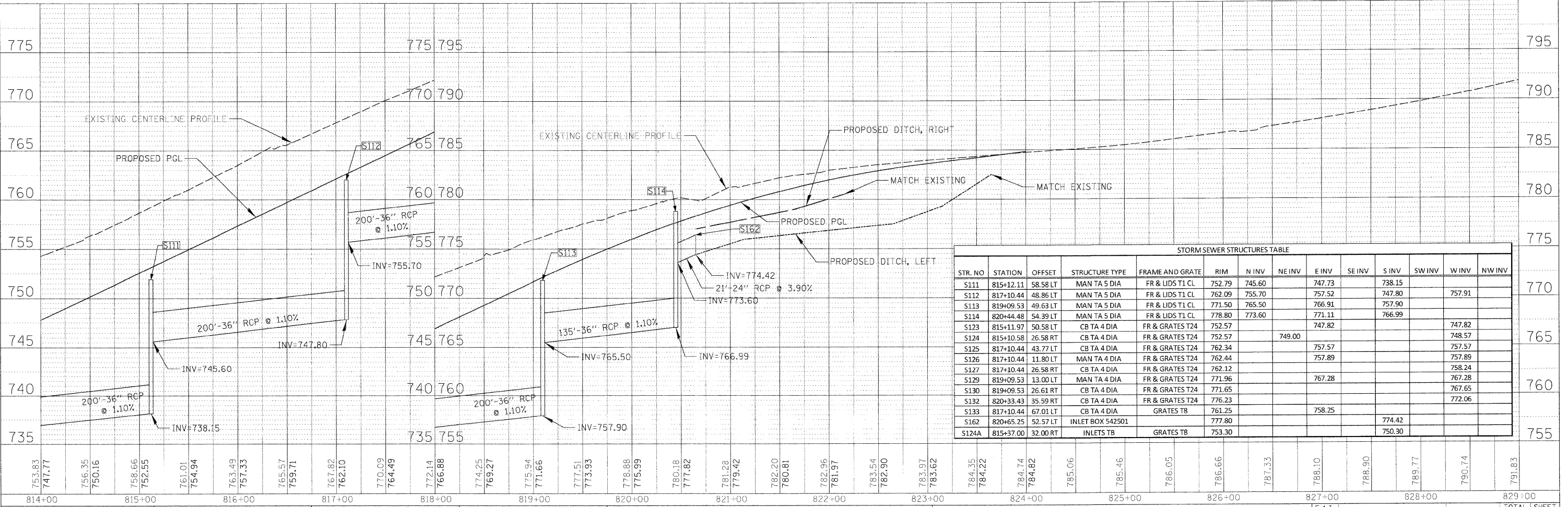
DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NOTE BOOK NO.: _____
 CADD FILE NAME: _____

MATCH LINE 814+00.00



PIPE NO.	FROM STRUCTURE	TO STRUCTURE	MATERIAL	TYPE	LENGTH (FT)	DIA (IN)	UPSTREAM		DOWNSTREAM		SLOPE	TBF (CY)
							INV	INVERT	INV	INVERT		
							DIRECTION		DIRECTION			
P112	S112	S111	RCP	STORMSEW CLA 3 36	200	36	S	747.80	N	745.60	1.10	331
P113	S113	S112	RCP	STORMSEW CLA 3 36	200	36	S	757.90	N	755.70	1.10	292
P114	S114	S113	RCP	STORMSEW CLA 3 36	135	36	S	766.99	N	765.50	1.10	163
P123	S123	S111	RCP	STORMSEW CLA 2 12	9	12	W	747.82	E	747.73	1.00	2.3
P124	S124	S123	RCP	STORMSEW CLA 2 12	75	12	W	748.57	E	747.82	1.00	19
P125	S125	S112	RCP	STORMSEW CLA 2 12	5	12	W	757.57	E	757.52	1.00	3.2
P126	S126	S125	RCP	STORMSEW CLA 2 12	32	12	W	757.89	E	757.57	1.00	5.4
P127	S127	S126	RCP	STORMSEW CLA 2 12	35	12	W	758.24	E	757.89	1.00	6.1
P129	S129	S113	RCP	STORMSEW CLA 2 12	37	12	W	767.28	E	766.91	1.00	8
P130	S130	S129	RCP	STORMSEW CLA 2 12	37	12	W	767.65	E	767.28	1.00	7.2
P132	S132	S114	RCP	STORMSEW CLA 2 12	95	12	W	772.06	E	771.11	1.00	18.4
P133	S133	S112	RCP	STORMSEW CLA 2 12	17	12	E	758.25	W	757.91	2.00	2.2
P162	S162	S114	RCP	STORMSEW CLA 2 24	21	24	S	774.42	N	773.60	3.90	-
P124A	S124A	S124	RCP	STORMSEW CLA 2 12	24	12	S	750.30	N	749.00	5.42	-

DATE: _____
 BY: _____
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 NOTE BOOK NO.: _____
 STRUCTURE NOTATIONS CHKD: _____

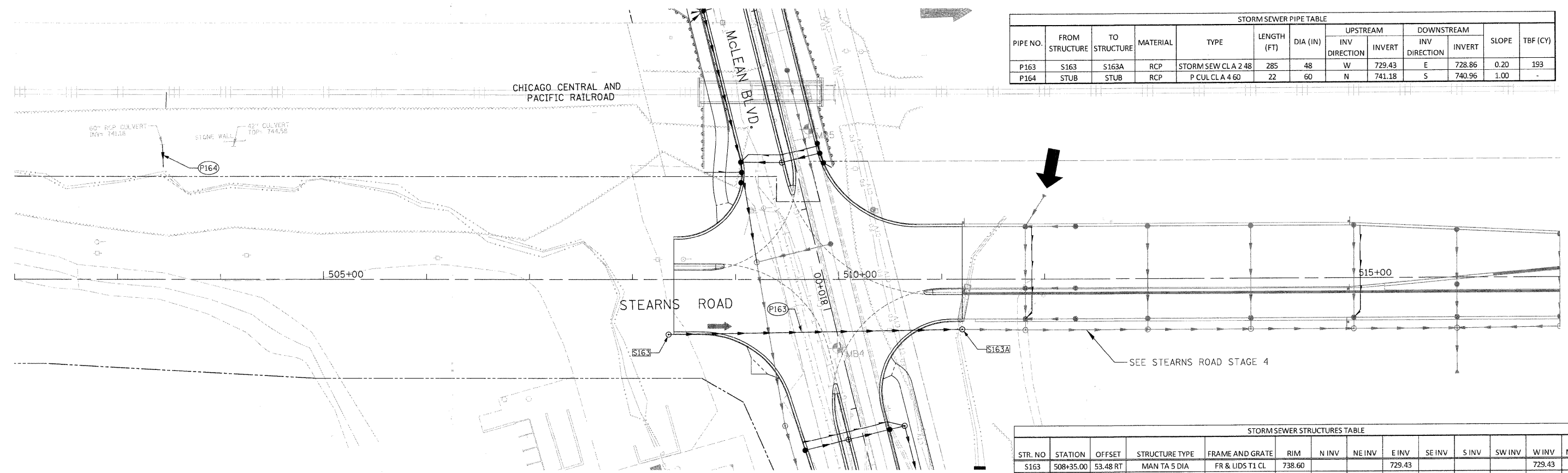


STR. NO	STATION	OFFSET	STRUCTURE TYPE	FRAME AND GRATE	RIM	N INV	NE INV	E INV	SE INV	S INV	SW INV	W INV	NW INV
S111	815+12.11	58.58 LT	MAN TA 5 DIA	FR & LIDS T1 CL	752.79	745.60		747.73		738.15			
S112	817+10.44	48.86 LT	MAN TA 5 DIA	FR & LIDS T1 CL	762.09	755.70		757.52		747.80		757.91	
S113	819+09.53	49.63 LT	MAN TA 5 DIA	FR & LIDS T1 CL	771.50	765.50		766.91		757.90			
S114	820+44.48	54.39 LT	MAN TA 5 DIA	FR & LIDS T1 CL	778.80	773.60		771.11		766.99			
S123	815+11.97	50.58 LT	CB TA 4 DIA	FR & GRATES T24	752.57			747.82				747.82	
S124	815+10.58	26.58 RT	CB TA 4 DIA	FR & GRATES T24	752.57		749.00					748.57	
S125	817+10.44	43.77 LT	CB TA 4 DIA	FR & GRATES T24	762.34			757.57				757.57	
S126	817+10.44	11.80 LT	MAN TA 4 DIA	FR & GRATES T24	762.44			757.89				757.89	
S127	817+10.44	26.58 RT	CB TA 4 DIA	FR & GRATES T24	762.12			758.24				758.24	
S129	819+09.53	13.00 LT	MAN TA 4 DIA	FR & GRATES T24	771.96			767.28				767.28	
S130	819+09.53	26.61 RT	CB TA 4 DIA	FR & GRATES T24	771.65			767.65				767.65	
S132	820+33.43	35.59 RT	CB TA 4 DIA	FR & GRATES T24	776.23			772.06				772.06	
S133	817+10.44	67.01 LT	CB TA 4 DIA	GRATES T8	761.25			758.25					
S162	820+65.25	52.57 LT	INLET BOX 542501		777.80			774.42					
S124A	815+37.00	32.00 RT	INLETS TB	GRATES T8	753.30			750.30					



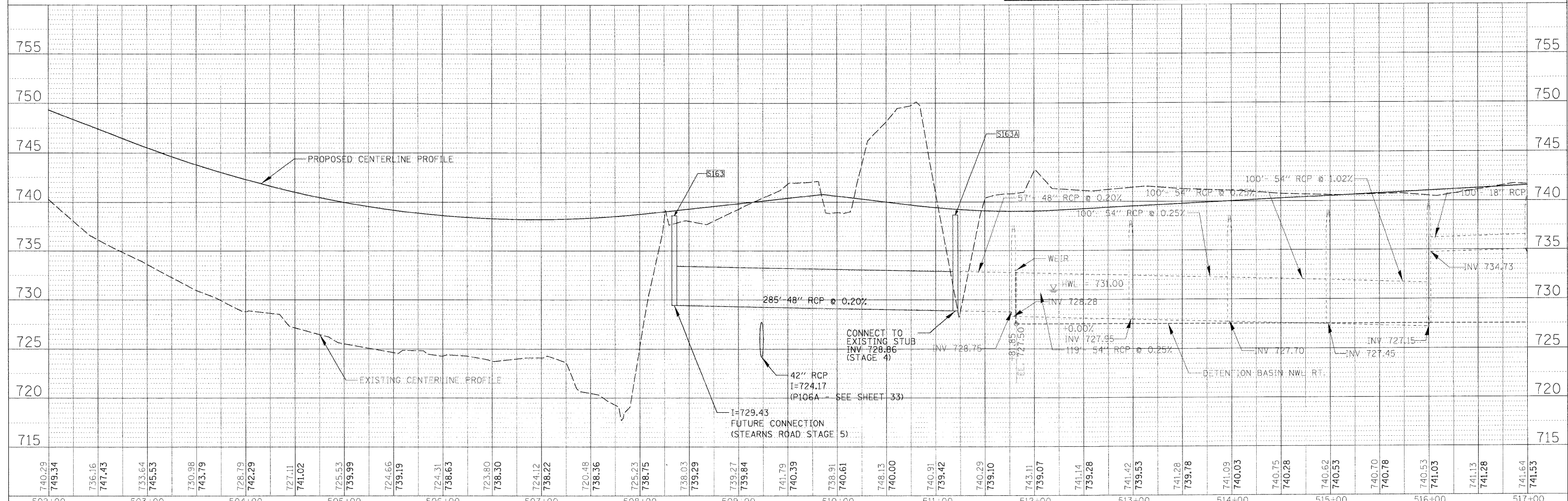
STORM SEWER PIPE TABLE												
PIPE NO.	FROM STRUCTURE	TO STRUCTURE	MATERIAL	TYPE	LENGTH (FT)	DIA (IN)	UPSTREAM		DOWNSTREAM		SLOPE	TBF (CY)
							INV DIRECTION	INVERT	INV DIRECTION	INVERT		
P163	S163	S163A	RCP	STORM SEW CL A 2 48	285	48	W	729.43	E	728.86	0.20	193
P164	STUB	STUB	RCP	P.CUL CL A 4 60	22	60	N	741.18	S	740.96	1.00	-

PLAN	SURVEYED	DATE
	BY	
	NOTED	
	BY	
	DATE	



STORM SEWER STRUCTURES TABLE													
STR. NO.	STATION	OFFSET	STRUCTURE TYPE	FRAME AND GRATE	RIM	N INV	NE INV	E INV	SE INV	S INV	SW INV	W INV	NW INV
S163	508+35.00	53.48 RT	MAN TA 5 DIA	FR & LIDS T1 CL	738.60			729.43					729.43
S163A	511+20.00	48.80 RT	MAN TA 5 DIA	FR & LIDS T1 CL	738.66			728.86					728.86

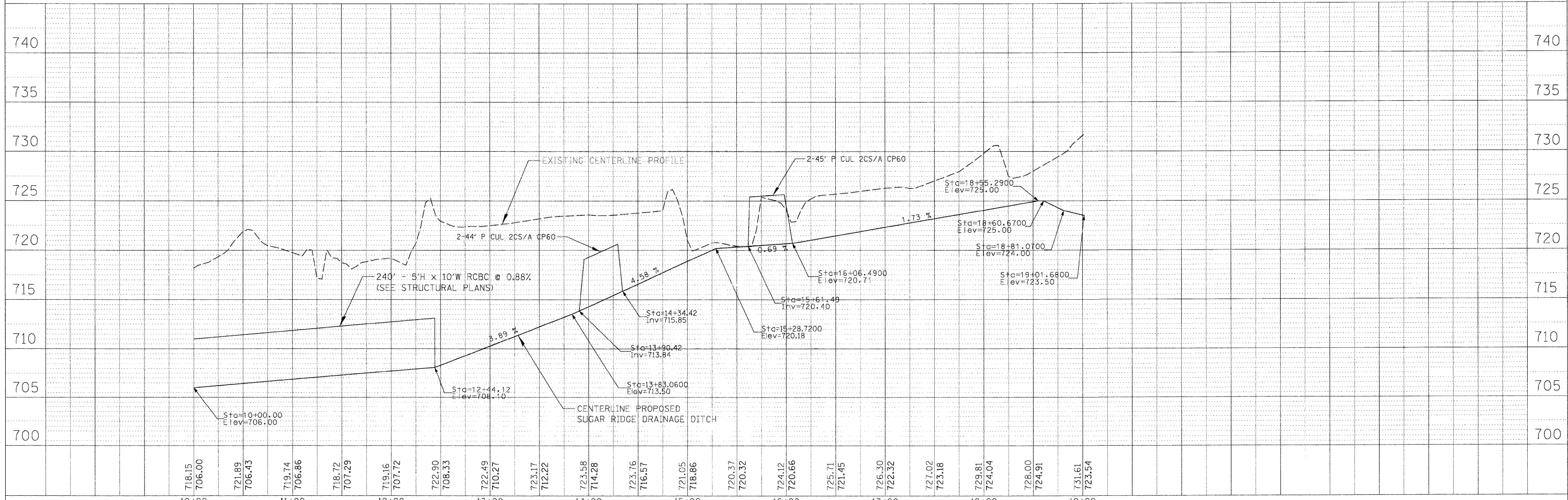
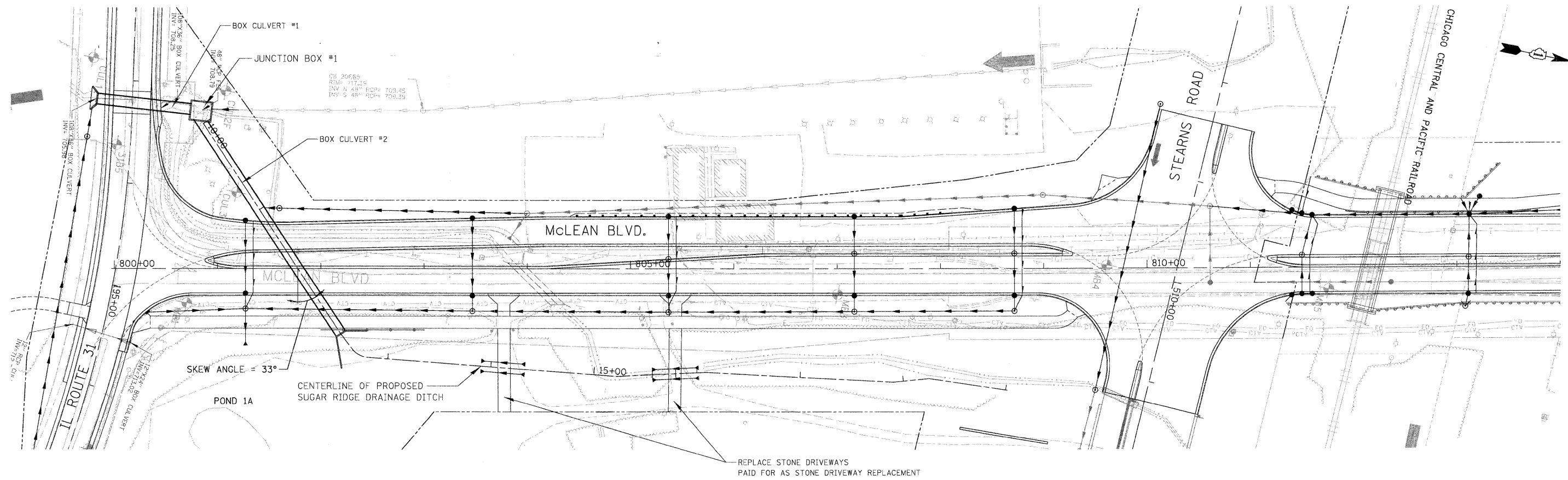
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	BY	
	NOTED	
	BY	
	DATE	



FILE NAME =	USER NAME =	DESIGNED =	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 STEARNS ROAD - DRAINAGE PLAN & PROFILE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
OPP_07996_03.SH	diamond	JWW	-			361	06-00214-10-BR	KANE	219	36	
	PLOT SCALE = 50'	DRAWN =	REVISED =			CONTRACT NO.					
	PLOT DATE = 3/27/2009	CHECKED =	REVISED =			SCALE: 1"=50'		SHEET NO. 4 OF 6 SHEETS		STA. 508+40 TO STA. 511+20	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	ADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	ADD FILE NAME	

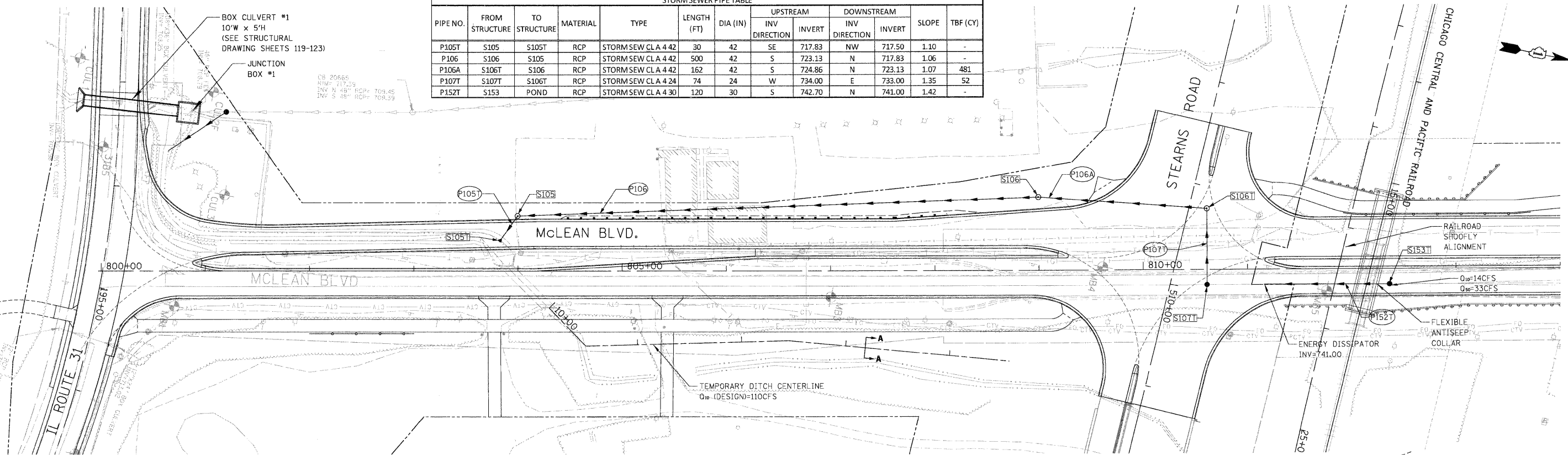


FILE NAME = DPP_07996_04.SHT	USER NAME = dvrmond	DESIGNED - JWJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW STEARN'S ROAD - STAGE 2 SUGAR RIDGE DRAINAGE DITCH - DRAINAGE PLAN & PROFILE	F.A.I. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 37		
PL07 SCALE = 50'	PL07 DATE = 3/27/2009	DRAWN - DJV	REVISED -			SCALE: 1"=50'	SHEET NO. 5 OF 6 SHEETS	STA. 10+00	TO STA. 19+01.68	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
		CHECKED - JWJ	REVISED -			CONTRACT NO.						
		DATE -	REVISED -									

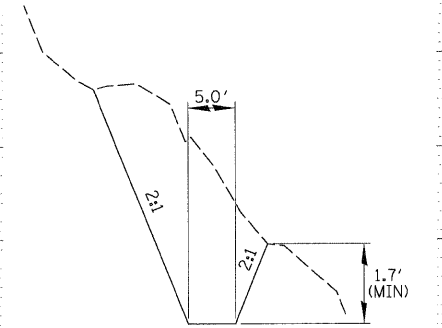
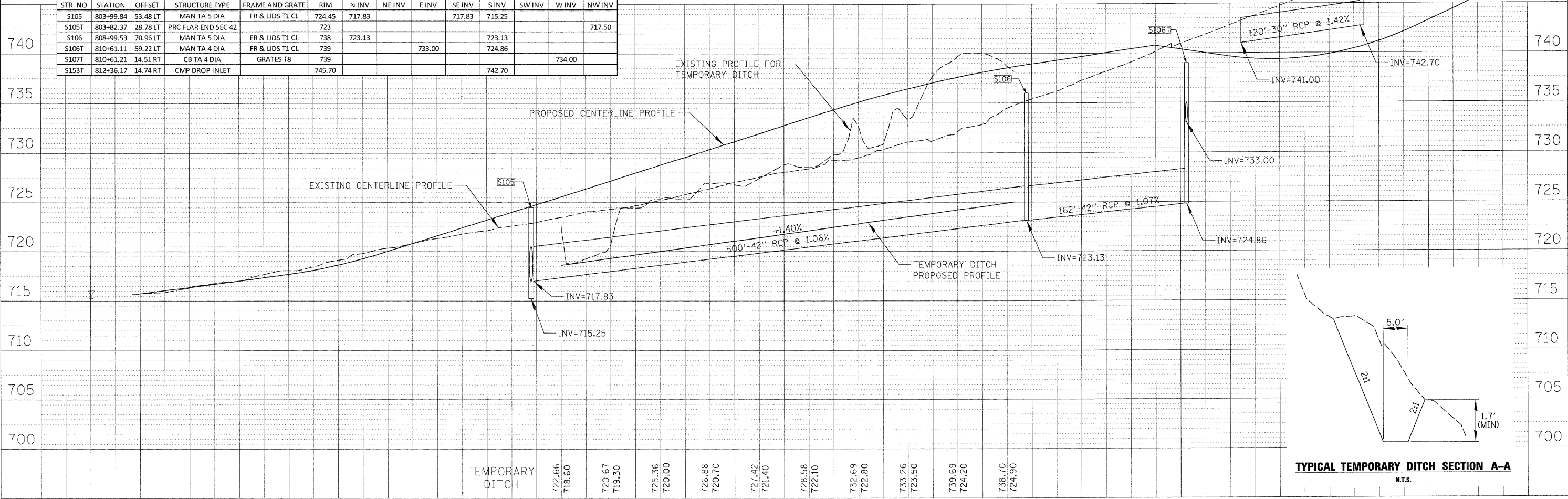
PLAN SURVEYED BY DATE
 PLOTTED BY
 CHECKED BY
 NOTE BOOK NO.
 CADD FILE NAME

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

PIPE NO.	FROM STRUCTURE	TO STRUCTURE	MATERIAL	TYPE	LENGTH (FT)	DIA (IN)	UPSTREAM		DOWNSTREAM		SLOPE	TBF (CY)
							INV DIRECTION	INVERT	INV DIRECTION	INVERT		
P105T	S105	S105T	RCP	STORM SEW CL A 4 42	30	42	SE	717.83	NW	717.50	1.10	-
P106	S106	S105	RCP	STORM SEW CL A 4 42	500	42	S	723.13	N	717.83	1.06	-
P106A	S106T	S106	RCP	STORM SEW CL A 4 42	162	42	S	724.86	N	723.13	1.07	481
P107T	S107T	S106T	RCP	STORM SEW CL A 4 24	74	24	W	734.00	E	733.00	1.35	52
P152T	S153	POND	RCP	STORM SEW CL A 4 30	120	30	S	742.70	N	741.00	1.42	-

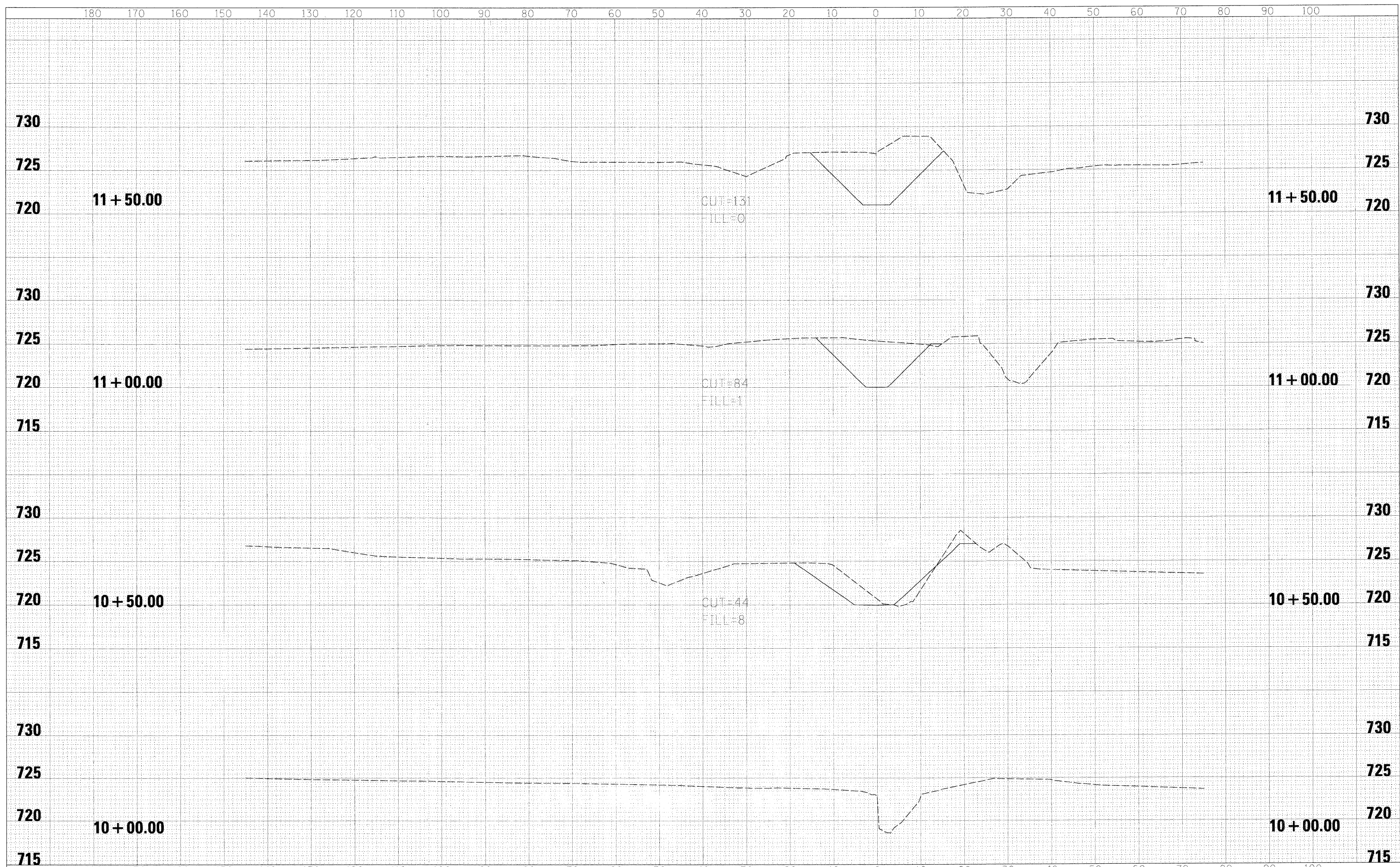


STR. NO	STATION	OFFSET	STRUCTURE TYPE	FRAME AND GRATE	RIM	N INV	NE INV	E INV	SE INV	S INV	SW INV	W INV	NW INV
S105	803+99.84	53.48 LT	MAN TA 5 DIA	FR & LIDS T1 CL	724.45	717.83			717.83	715.25			717.50
S105T	803+82.37	28.78 LT	PRC FLAR END SEC 42		723								
S106	808+99.53	70.96 LT	MAN TA 5 DIA	FR & LIDS T1 CL	738	723.13				723.13			
S106T	810+61.11	59.22 LT	MAN TA 4 DIA	FR & LIDS T1 CL	739			733.00		724.86			
S107T	810+61.21	14.51 RT	CB TA 4 DIA	GRATES T8	739							734.00	
S153T	812+36.17	14.74 RT	CMP DROP INLET		745.70					742.70			



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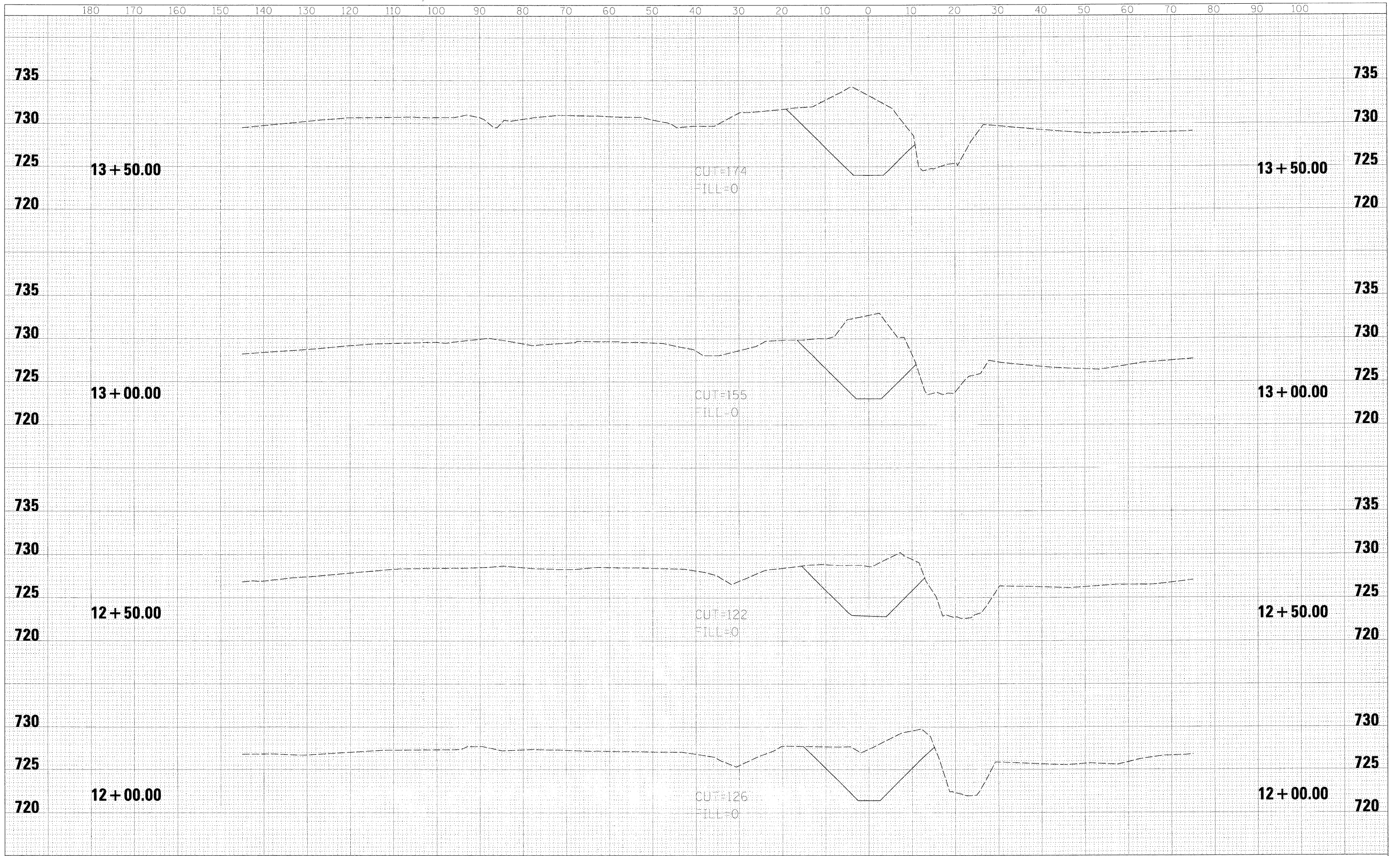
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BY	
SURVEYED	
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NOTE BOOK	
AREAS	
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NO.	



FILE NAME = SRTDD_XS_07996_01.SH	USER NAME = diamond	DESIGNED - JWW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 TEMPORARY SUGAR RIDGE DRAINAGE DITCH - DRAINAGE CROSS SECTIONS		F.A.I RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 39	
PLOT SCALE = 10'		DRAWN - DJV	REVISED -		SCALE: H:1"=10' V:1"=5'	SHEET NO. 1 OF 3 SHEETS	STA. 10+00.00	TO STA. 11+50.00	CONTRACT NO.			
PLOT DATE = 3/27/2009		CHECKED - JWW	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

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

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



FILE NAME = SR\DD_XS_07996_02.SHT

USER NAME = diamond
 PLOT SCALE = 10"
 PLOT DATE = 3/27/2009

DESIGNED - JWW
 DRAWN - DJV
 CHECKED - JWW
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

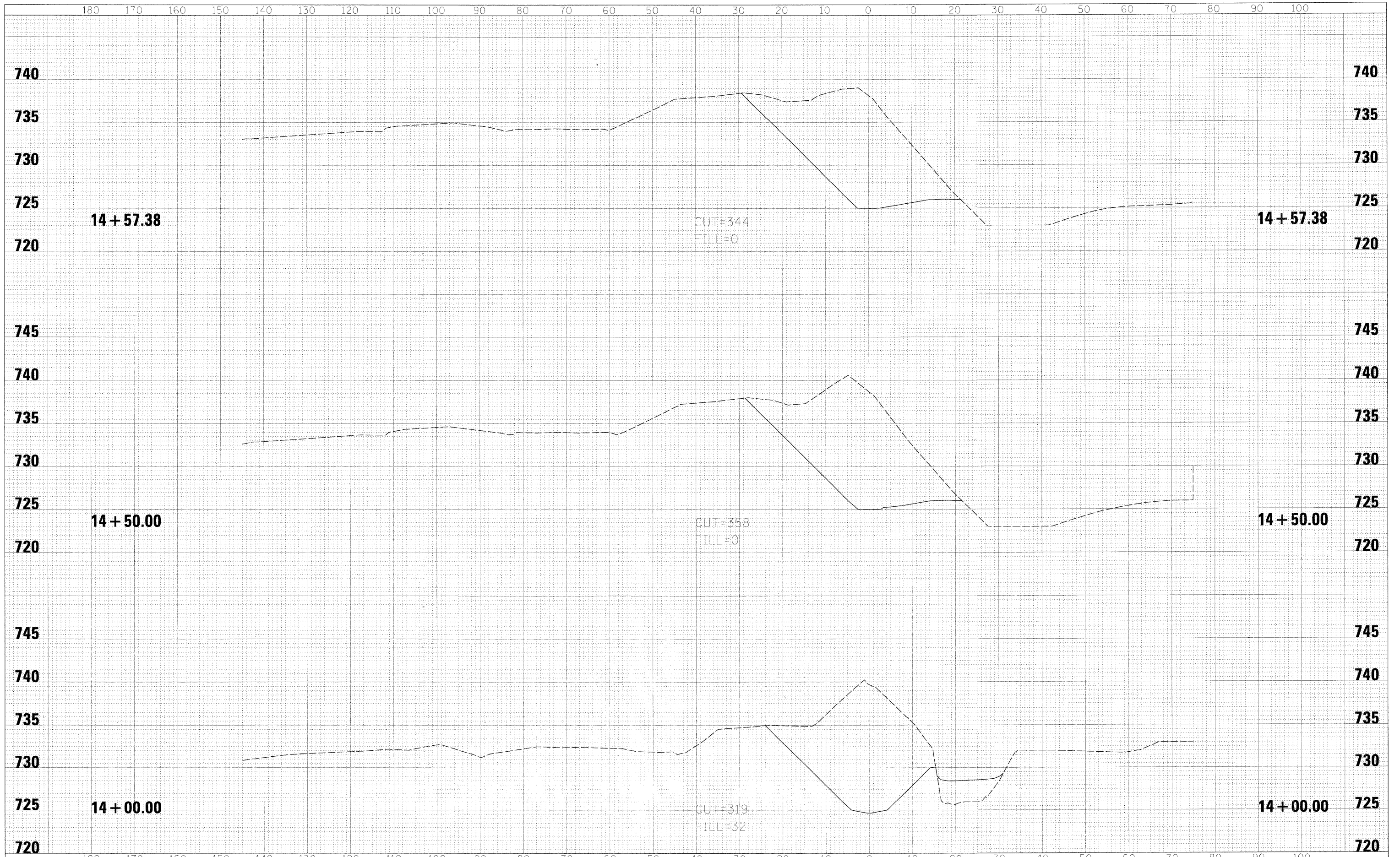
**NEW STEARNS ROAD - STAGE 2
 TEMPORARY SUGAR RIDGE DRAINAGE DITCH -
 DRAINAGE CROSS SECTIONS**

SCALE: H=1"=10' V=1"=5' SHEET NO. 2 OF 3 SHEETS STA. 12+00.00 TO STA. 13+50.00

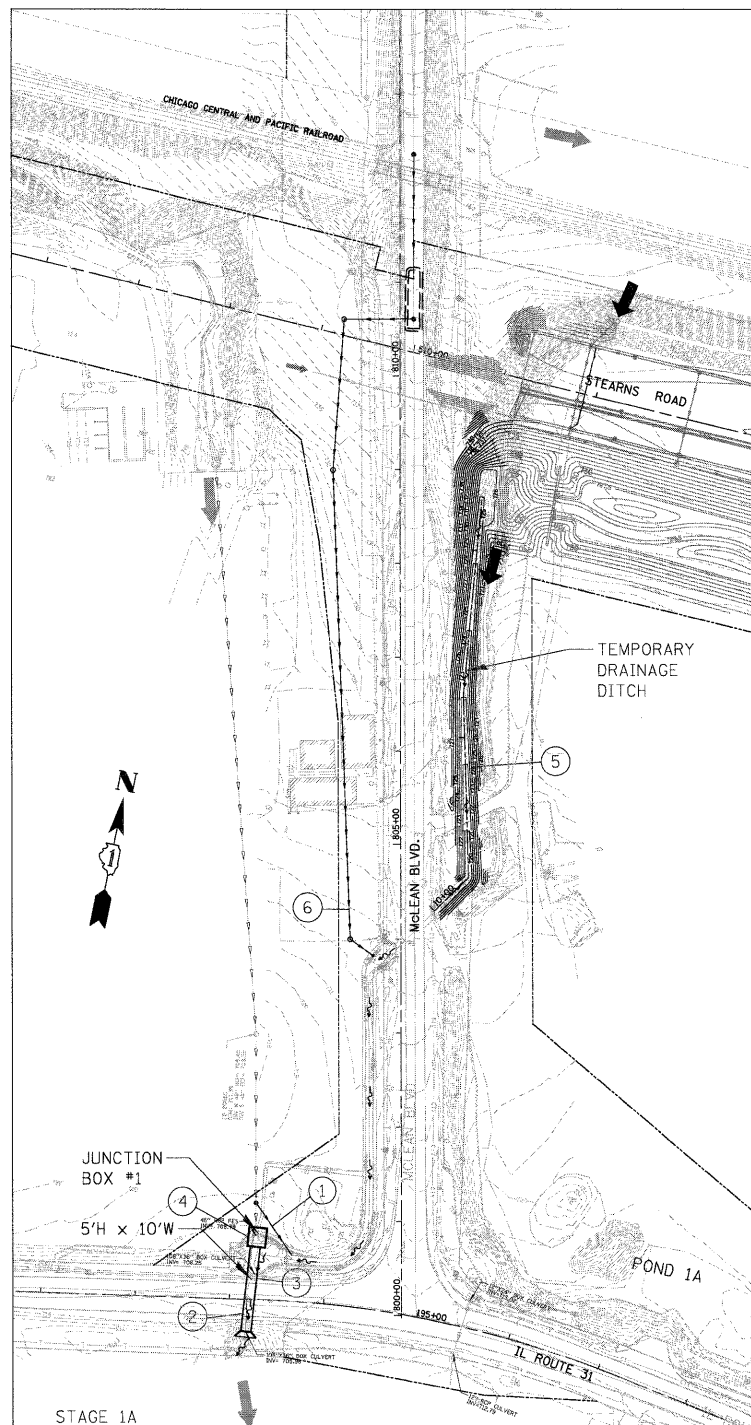
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	40
CONTRACT NO.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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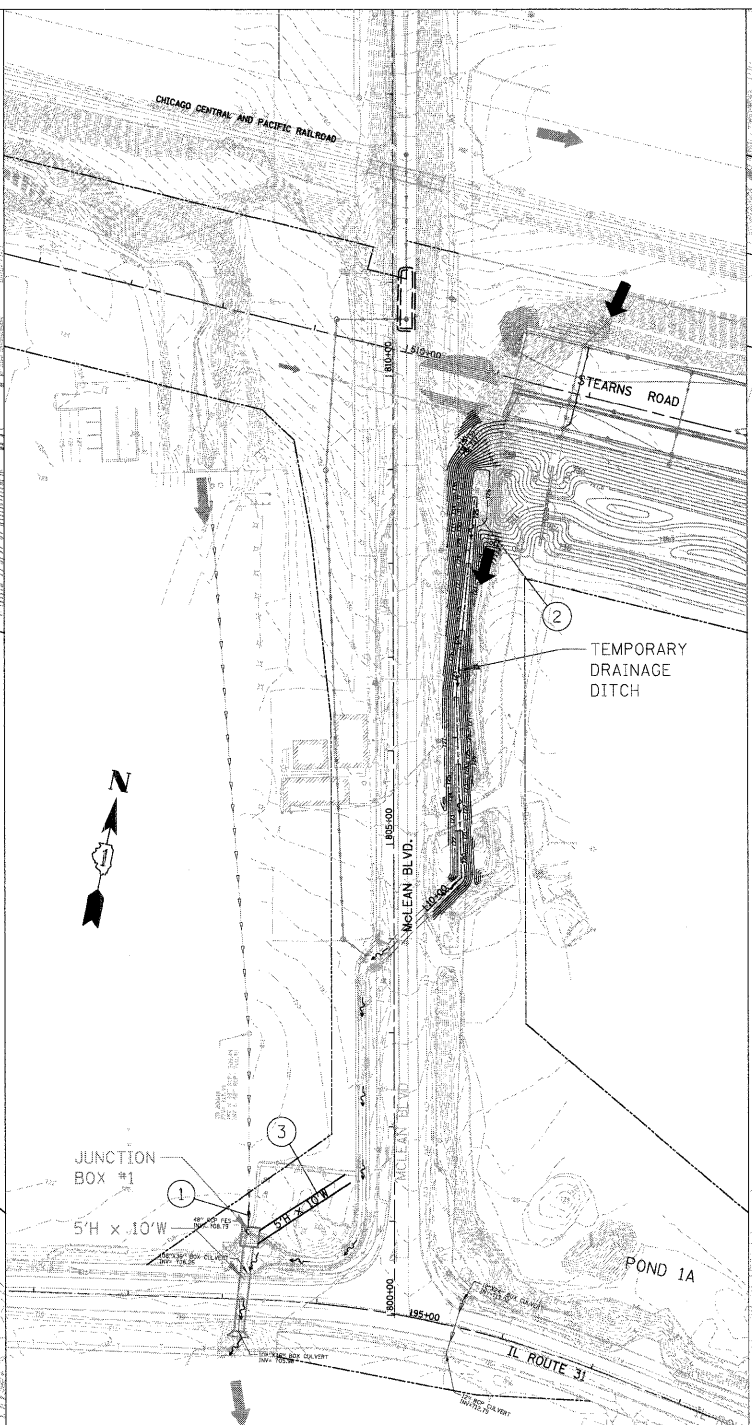
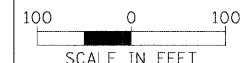
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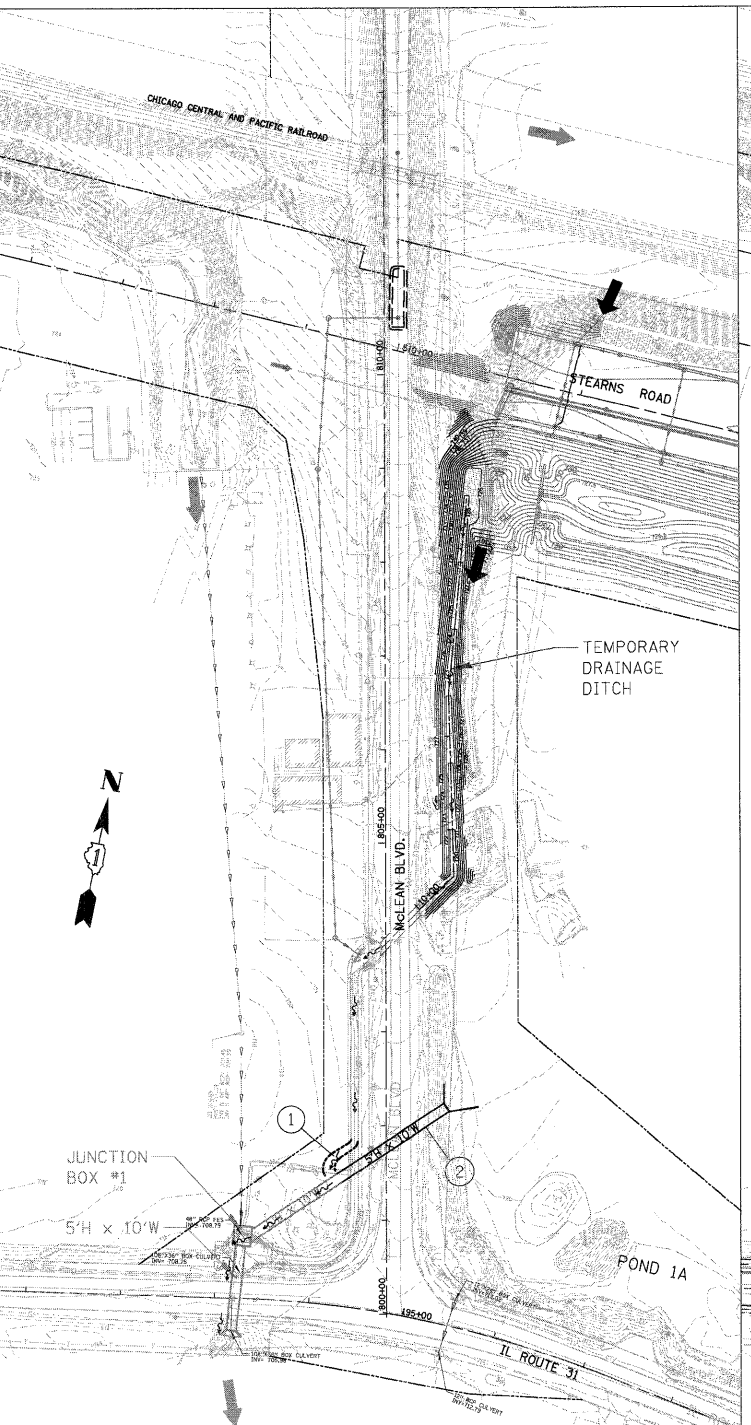
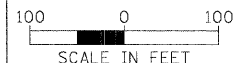
FILE NAME = SRTDD.XS_07996_03.SHT	USER NAME = avrmond	DESIGNED - JWW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 TEMPORARY SUGAR RIDGE DRAINAGE DITCH - DRAINAGE CROSS SECTIONS		F.A.I. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 41	
	PLOT SCALE = 10'	DRAWN - DJV	REVISED -		SCALE: H:1"=10' V:1"=5'	SHEET NO. 3 OF 3 SHEETS	STA. 14+00.00	TO STA. 14+57.38	FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			
	PLOT DATE = 3/27/2009	CHECKED - JWW	REVISED -						CONTRACT NO.			
		DATE -	REVISED -									



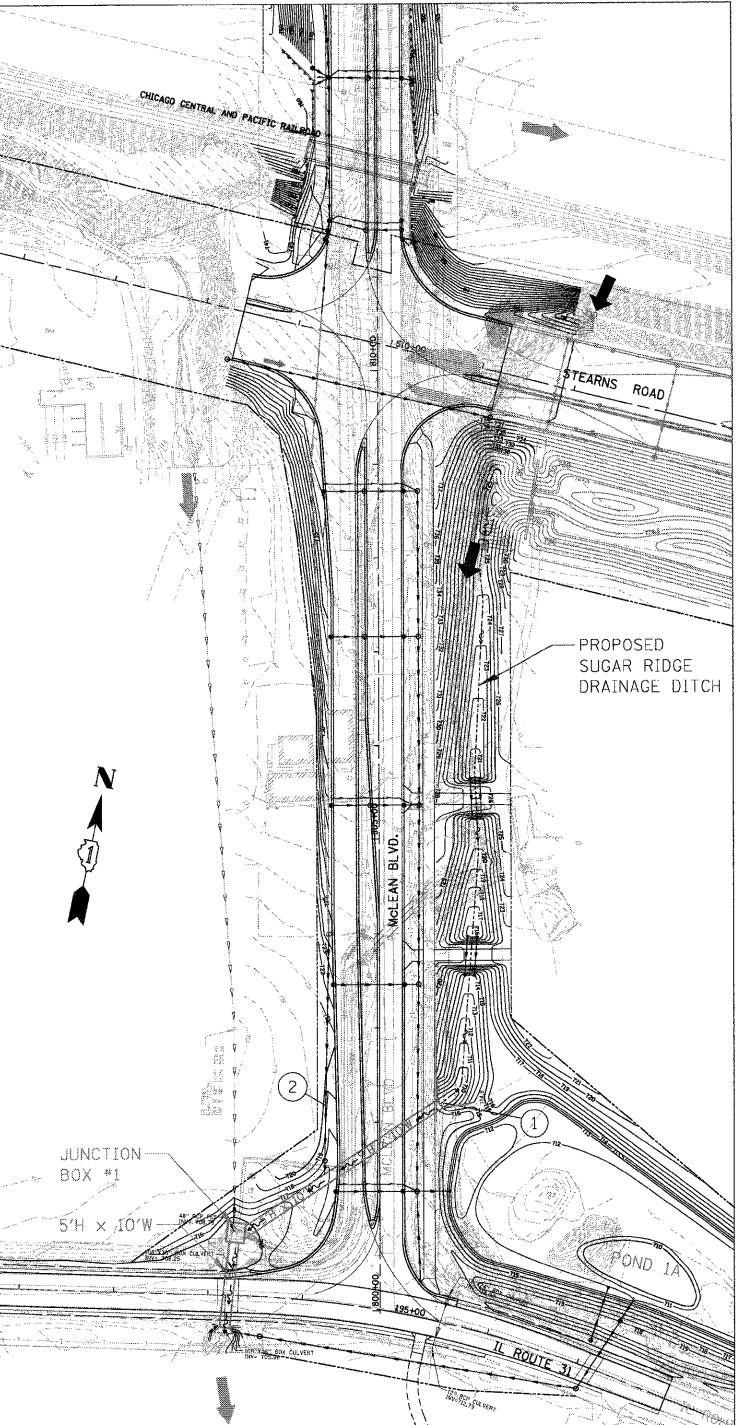
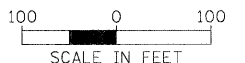
- STAGE 1A
- ① DIVERT 48" PIPE FROM NORTH
 - ② CONSTRUCT SOUTH HALF OF 5' H x 10' W BOX CULVERT UNDER IL ROUTE 31
- STAGE 1B
- ③ CONSTRUCT NORTH HALF OF 5' H x 10' W BOX CULVERT UNDER IL ROUTE 31
 - ④ CONSTRUCT JUNCTION BOX #1
 - ⑤ CONSTRUCT AND STABILIZE TEMPORARY SUGAR RIDGE DRAINAGE DITCH BETWEEN STATION 804+00 AND STATION 809+00
 - ⑥ CONSTRUCT STORM SEWER IN WEST RIGHT OF WAY BETWEEN STATION 803+85 AND STATION 812+25



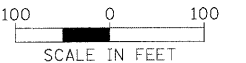
- STAGE 2
- ① REDIRECT 48" STORM SEWER INTO JUNCTION BOX #1
 - ② DIVERT SUGAR RIDGE DRAINAGE DITCH INTO TEMPORARY DRAINAGE DITCH
 - ③ BUILD 1/2 OF 5' H x 10' W BOX CULVERT
- (BEGIN CONSTRUCTION AND STABILIZATION OF PROPOSED SUGAR RIDGE DRAINAGE DITCH. SEE STAGE 4)



- STAGE 3
- ① DIVERT WATER FROM EXISTING DITCH INTO BOX CULVERT
 - ② BUILD 5' H x 10' W BOX CULVERT UNDER McLEAN BLVD



- STAGE 4
- ① DIVERT DISCHARGE INTO PERMANENT CULVERT UNDER McLEAN BLVD
 - ② CONNECT PROPOSED 42" STORM SEWER FROM NORTH INTO JUNCTION BOX #1
- * CONSTRUCTION OF PROPOSED SUGAR RIDGE DRAINAGE DITCH CAN BEGIN IN STAGE 2 AFTER SUGAR RIDGE DRAINAGE DITCH HAS BEEN DIVERTED TO THE TEMPORARY DRAINAGE DITCH. THIS WILL ALLOW ADDITIONAL TIME FOR STABILIZATION OF THE PERMANENT DITCH



FILE NAME = CCS_07996_01.SHT

USER NAME = djvmond
 PLOT SCALE = 100'
 PLOT DATE = 3/30/2009

DESIGNED - JWW
 DRAWN - DJV
 CHECKED - JWW
 DATE -

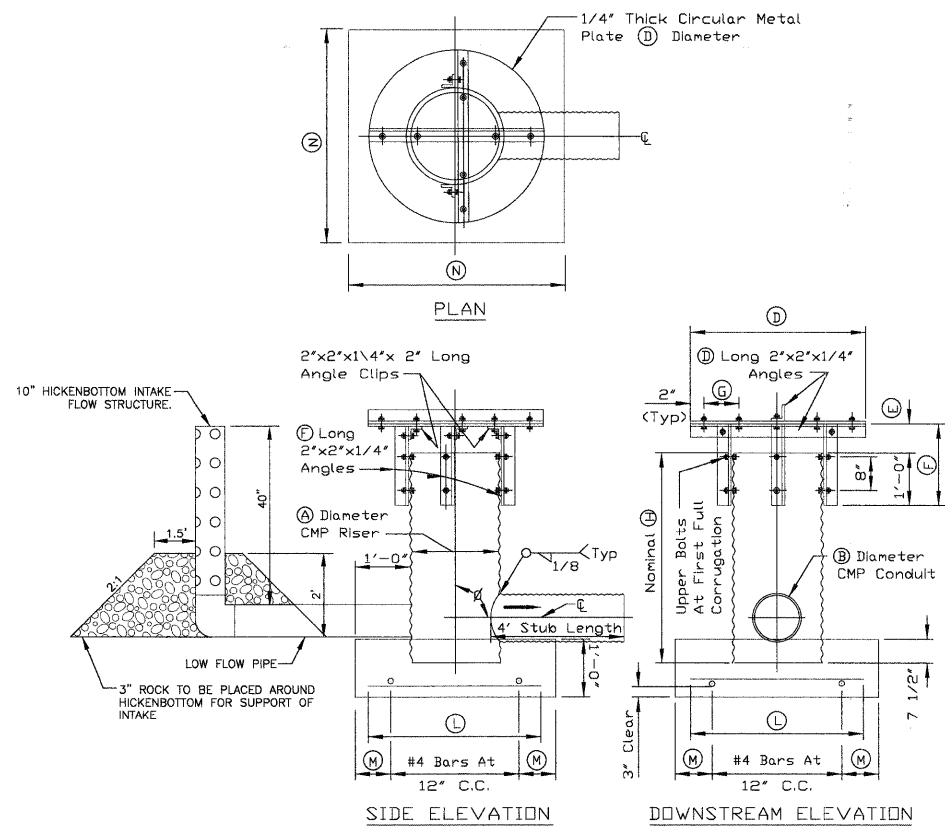
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NEW STEARNS ROAD - STAGE 2
 DRAINAGE STAGING PLAN**
 SCALE: 1" = 100' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	42
CONTRACT NO.				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

CMP DROP INLET AND BAFFLE



REFERENCE Project	STEARNS ROAD STAGE 2	STANDARD DWG. NO.	IL-578
Designed	JWW Date 2/2/09	SHEET	3 OF 3
Checked	Date	DATE	9-23-99
Approved	Date		

CMP DROP INLET AND BAFFLE

RISER DIA (A)	CONDUIT DIA (B)	ANTI-VORTEX BAFFLE DIMENSIONS				BASE DIMENSIONS	
(A)	(B)	(D)	(E)	(F)	(G)	(M)	(N)
12"	6", 8"	24"	4"	16"	4 1/2"	6"	3'-0"
15"	8", 10"	30"	5"	17"	6"	7 1/2"	3'-3"
18"	10", 12"	36"	6"	18"	7 1/2"	3'	3'-6"
24"	15", 18"	48"	8"	20"	10 1/2"	6"	4'-0"
30"	21", 24"	60"	10"	22"	13 1/2"	3'	4'-6"
36"	24", 30"	72"	18"	24"	16 1/2"	6"	5'-0"

RISER DIA (A)	REINFORCING BARS		TOTAL WEIGHT	VOLUME OF CONCRETE
	NUMBERS	L		
12"	6"	2'-6"	10.0 L.B.	0.3 CU.YD.
15"	6"	2'-9"	11.0 L.B.	0.4 CU.YD.
18"	8"	3'-0"	16.0 L.B.	0.5 CU.YD.
24"	8"	3'-6"	18.7 L.B.	0.6 CU.YD.
30"	10"	4'-0"	26.7 L.B.	0.8 CU.YD.
36"	10"	4'-6"	30.0 L.B.	0.9 CU.YD.

- NOTES:
- There are no riser height restrictions as long as the riser is located in compacted earth fill.
 - The corrugated metal riser with 4 feet conduit stub shall be fabricated from galvanized steel or aluminum. If fabricated from steel, any zinc coating damaged by welding shall be repaired as follows:
 - A) All loose and cracked coating shall be removed by wire brushing and all dirt and greasy material by a suitable solvent.
 - B) The damaged area shall be painted with two coats of Zinc Dust-Zinc Oxide primer, followed by a heavy coat of Flolated Asphalt Mastic.
 - The angles and anti-vortex baffle plate shall be fabricated from the same material as the riser to which they will be attached. If fabricated from steel, the angles and anti-vortex baffle plate shall be galvanized after cutting and drilling.
 - The anti-vortex baffle plate can be left square, if all corners are rounded with a 6 inch radius.
 - All bolts, nuts and washers shall be galvanized steel.
 - Corrugated aluminum risers and conduits shall be separated from the reinforced concrete base by at least 2 layers of plastic tape with a total thickness of at least 24 mils or by a heavy coat of Alkali-Resistant Bituminous paint.

REFERENCE Project	STEARNS ROAD STAGE 2	STANDARD DWG. NO.	IL-578
Designed	JWW Date 2/2/09	SHEET	3 OF 3
Checked	Date	DATE	3-1-95
Approved	Date		

CMP DROP INLET AND BAFFLE

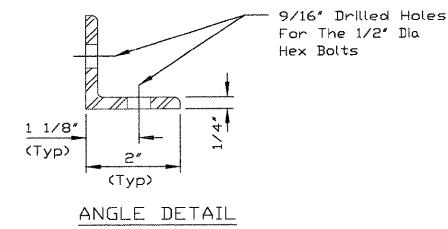
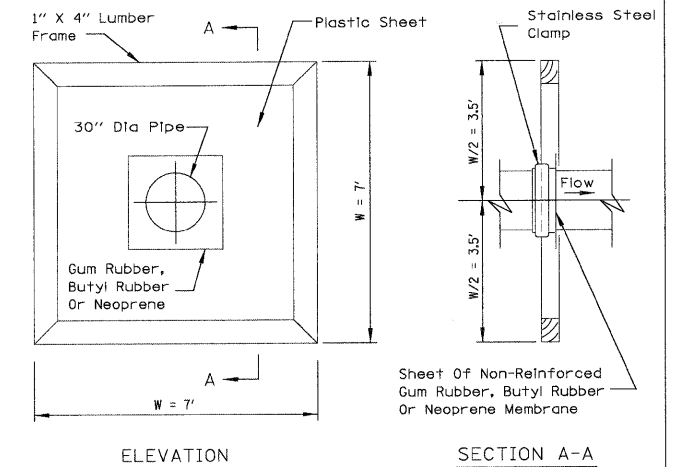


TABLE SHOWING DIMENSIONS AND MATERIAL	
DIMENSIONS	
Nominal Length (H) In Feet	4.0
Gage Of Riser In Inches	
Gage Of Conduit In Inches	
Angle In Degrees	90
MATERIAL	
QUANTITY REQUIRED	
(D) Long 2"x 2"x 1/4" Angles	2
(E) Long 2"x 2"x 1/4" Angles	4
2" Long 2"x 2"x 1/4" Angle Clips	2
(D) Dia. 1/4" Thick Metal Plate	1
1/2"x1 1/2" Hex Bolts	20
1/2" Split Lockwashers	20
1/2" Hex Nuts	20
Number Of (L) Long #4 Reinforcing Bars	8
Weight Of #4 Reinforcing Bars In Pounds	30
Volume of Concrete In Cubic Yards	0.9

REFERENCE Project	STEARNS ROAD STAGE 2	STANDARD DWG. NO.	IL-578
Designed	JWW Date 2/2/09	SHEET	3 OF 3
Checked	Date	DATE	3-1-95
Approved	Date		

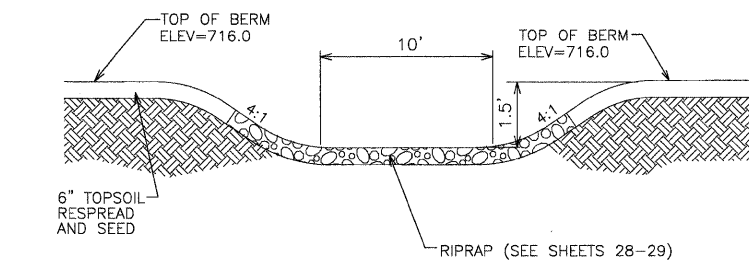
FLEXIBLE ANTISEEP COLLAR



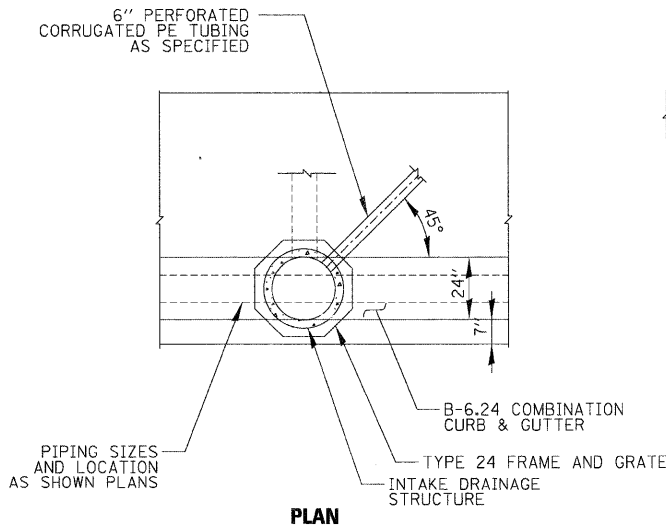
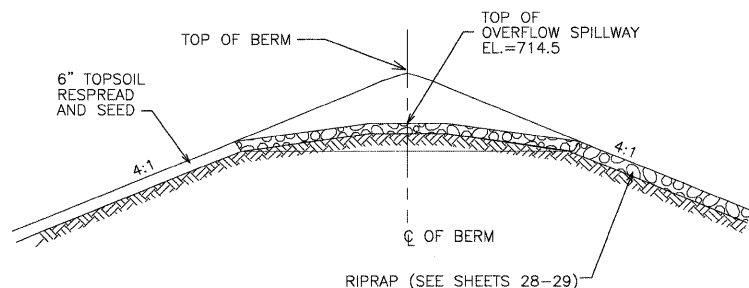
- NOTES:
- Helical pipe shall have a mastic sealer applied at the collar location. The sealer will not be required for PVC or annular pipe.
 - The center membrane section may be 1/16 inch gum rubber, butyl rubber or neoprene. The entire antiseep may be made of these materials.
 - The outer portion of the antiseep collar, away from the pipe, may be made of a minimum 20 mil plastic sheet.
 - Cut a hole, 3 inches smaller than the diameter of the pipe, centered on the material used at the pipe and force it over the end of the pipe.
 - The antiseep material shall be fastened to the pipe using a stainless steel clamp.
 - Completed installation must be watertight.
 - Care must be taken to back fill equally on both sides of the antiseep collar.

REFERENCE Project	STEARNS ROAD STAGE 2	STANDARD DWG. NO.	IL-593
Designed	JWW Date 6/27/08	SHEET	1 OF 1
Checked	Date	DATE	7-12-95
Approved	Date		

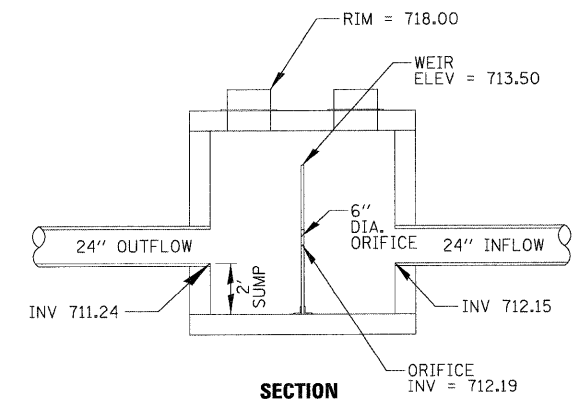
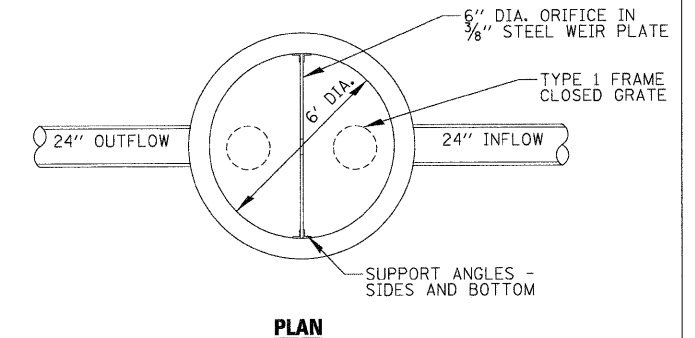
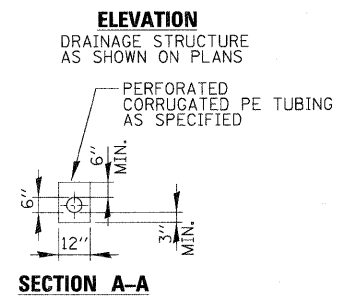
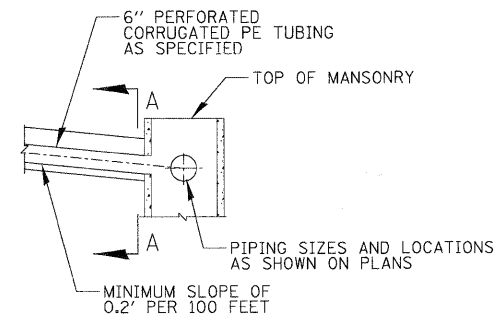
SIDEVIEW OVERFLOW SPILLWAY DETENTION POND 1A



CROSS SECTION OVERFLOW SPILLWAY DETENTION POND 1A



UNDERDRAIN DETAILS NTS

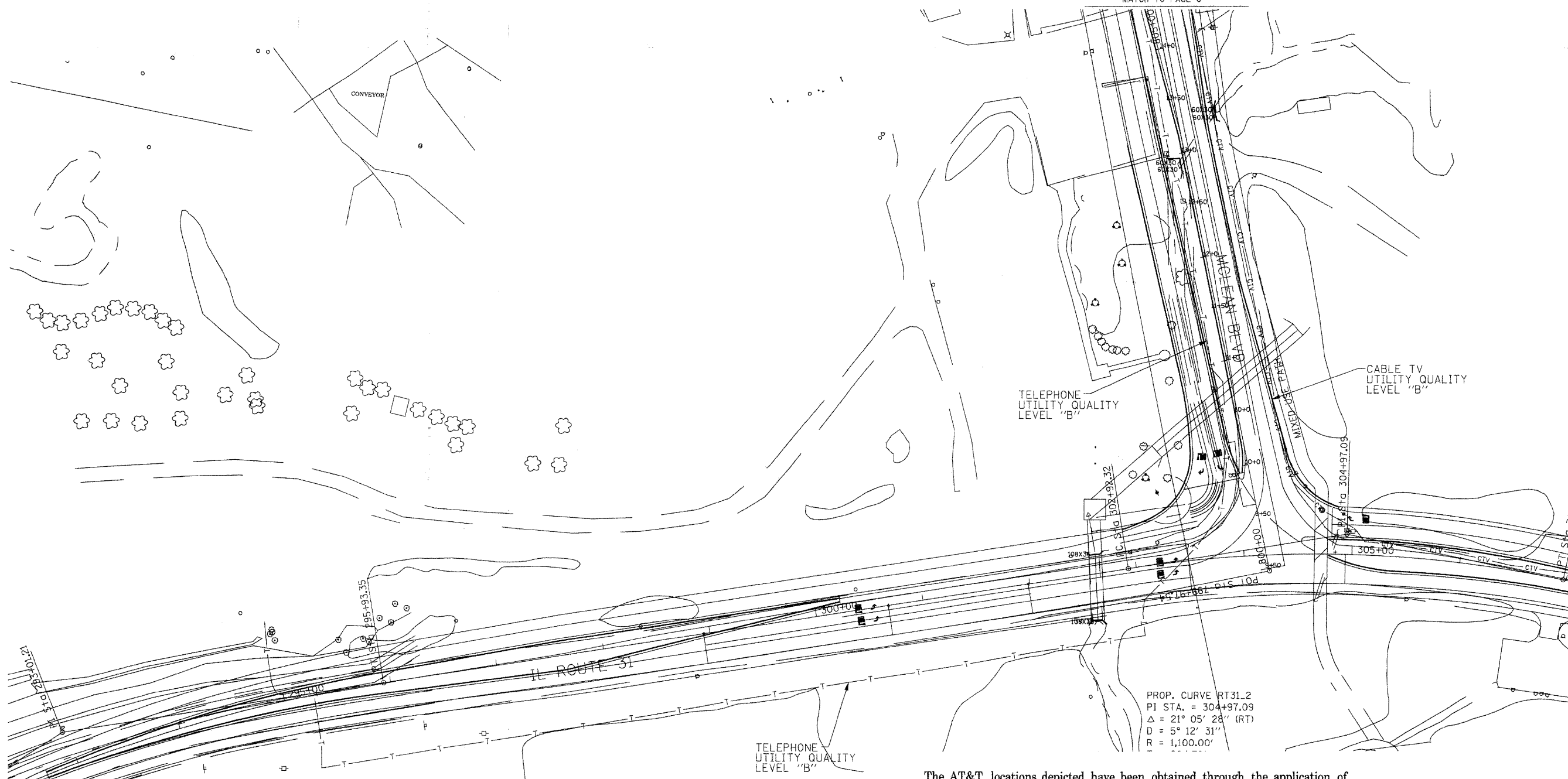


PROPOSED OUTLET CONTROL STRUCTURE FOR POND 1A PAID FOR AS MANHOLE, TYPE A, SPECIAL, 6' DIAMETER TYPE 1 FRAME, CLOSED LID



MATCH TO PAGE 6

MATCH TO PAGE 5



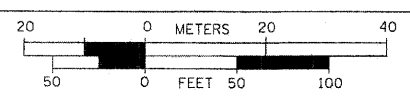
PROP. CURVE RT31.2
 PI STA. = 304+97.09
 $\Delta = 21^\circ 05' 28''$ (RT)
 $D = 5^\circ 12' 31''$
 $R = 1,100.00'$

The AT&T locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, AT&T will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the AT&T locations depicted in accordance with the CIASCE Standard 38-02.

205 W. WACKER DRIVE
 SUITE 1020
 CHICAGO, IL 60606
 (312) 704-1970

—●—●—●—●—	FORCE MAIN
—CTV—CTV—	CABLE TV
—T—T—	TELEPHONE
—G—G—	GAS
—E—E—	ELECTRIC
—W—W—	WATER
—FO—FO—	FIBER OPTIC
—●—	TBE TEST HOLE

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc. in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc. by others. TBE's SUE field investigation was performed from 3/24/08 to 6/13/08. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



TBE GROUP, INC.
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL
 PLANNING • UTILITY ENGINEERING/LOCATING

- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research

Checked By: Robert Clemens
 Date: 1/07/09

TBE Job No. IL09500274.
 284, 285, 286, 288
 SUE Plan Page: 4 of 21

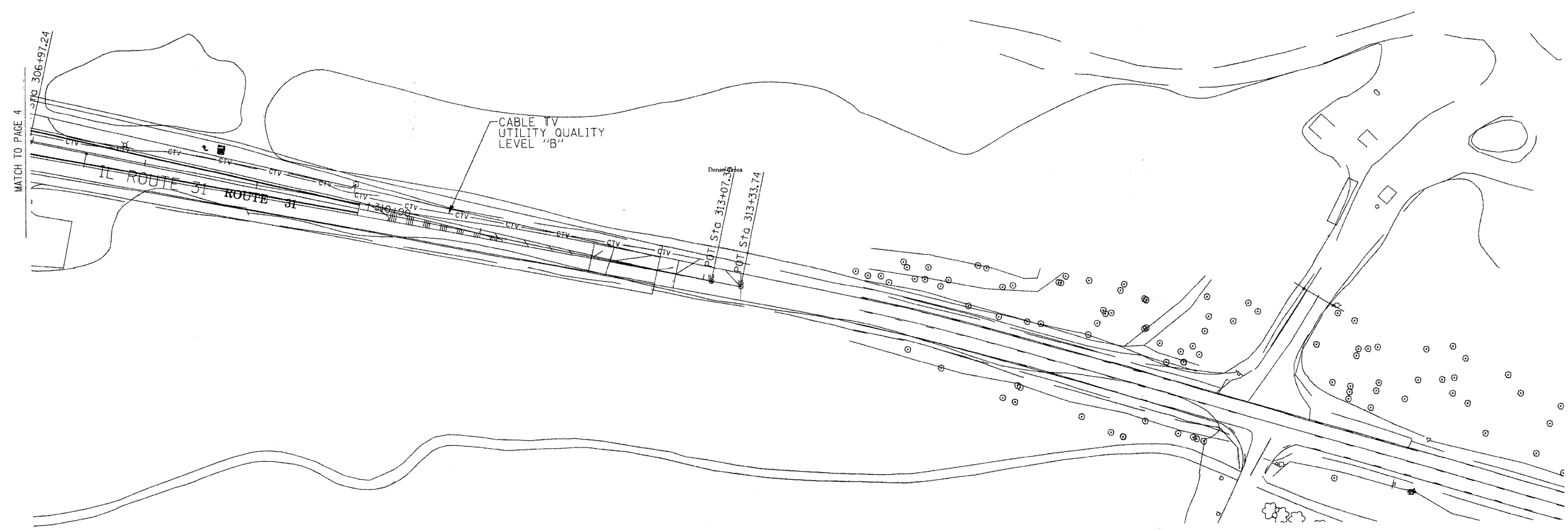
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	PLDT DATE = 3/31/2009	CHECKED: RLC	REVISED:
		DATE: 6/16/08	REVISED:

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 AND KANE COUNTY HIGHWAY DEPT.**

STEARNS ROAD CORRIDOR

SCALE: SHEET NO. STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 63073				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

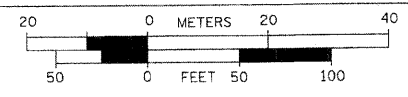


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205 W. WACKER DRIVE
SUITE 1020
CHICAGO, IL 60606
(312) 704-1970

—●—●—●—●—●—	FORCE MAIN
—CTV—CTV—	CABLE TV
—T—T—	TELEPHONE
—G—G—	GAS
—E—E—	ELECTRIC
—W—W—	WATER
—FO—FO—	FIBER OPTIC
—●—	TBE TEST HOLE

Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE field investigation was performed from 3/24/08 to 6/13/08. Changes to utilities after this date may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



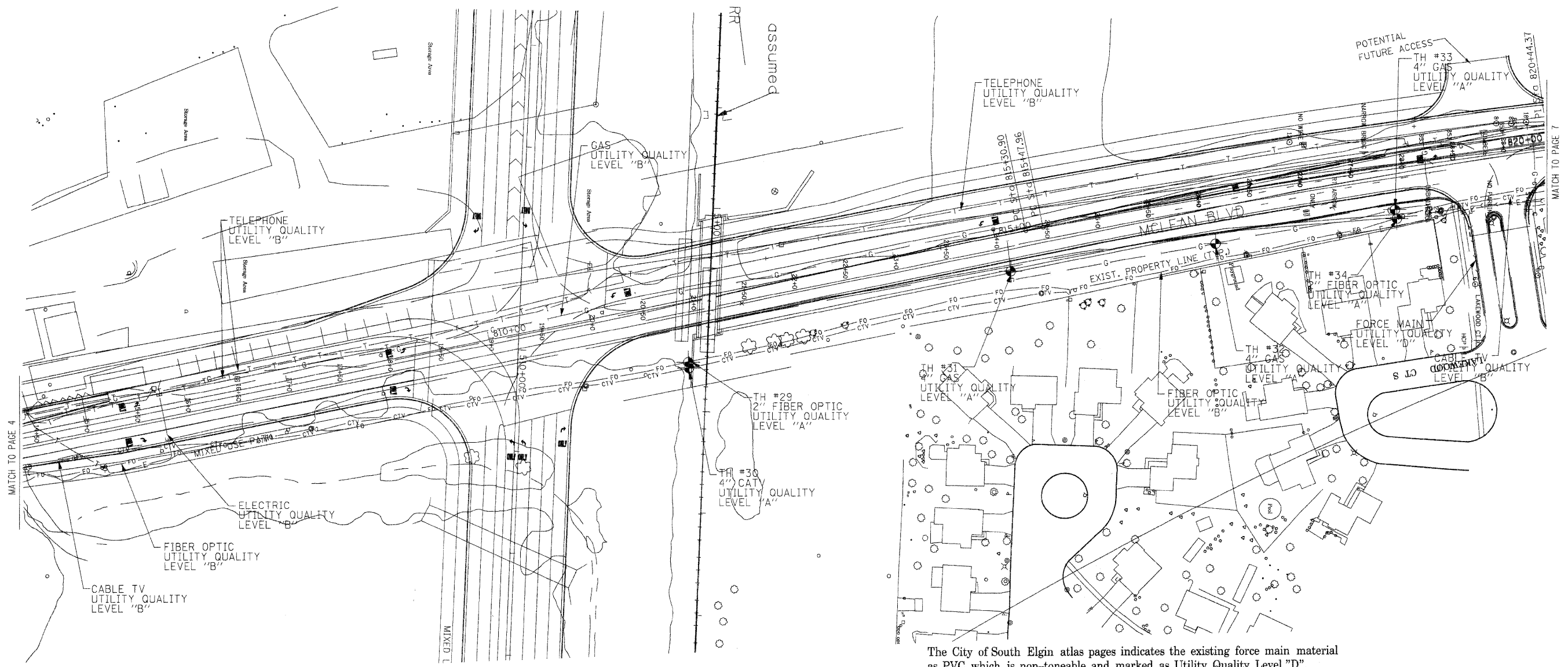
- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research

TBE GROUP
 TBE GROUP, INC.
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL
 PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: *Robert Chambers*
 Date: 1/07/09

TBE Job No. IL09500274,
 284, 285, 286, 288
 SUE Plan Page: 5 of 21

FILE NAME: I:\Dgn\Civi\Sheet\sue02.dgn	USER NAME = JFigueroa	DESIGNED <i>EG, IP, SW</i>	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION AND KANE COUNTY HIGHWAY DEPT.	STEARNS ROAD CORRIDOR	SCALE:	SHEET NO.	STA.	TO STA.	<table border="1"> <tr> <th>F.A.P. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>361</td> <td>06-00214-10-BR</td> <td>KANE</td> <td>219</td> <td>45</td> </tr> </table>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	361	06-00214-10-BR	KANE	219	45
	F.A.P. RTE.	SECTION	COUNTY							TOTAL SHEETS	SHEET NO.									
361	06-00214-10-BR	KANE	219	45																
PLOT SCALE = 1:1	CHECKED <i>RLC</i>	DATE <i>6/16/08</i>	REVISED	CONTRACT NO. 63073 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT																
PLOT DATE = 3/31/2009	DATE			SUE-2																

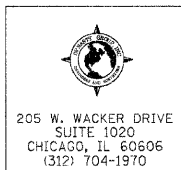


MATCH TO PAGE 4

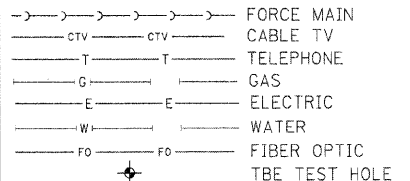
MATCH TO PAGE 7

The City of South Elgin atlas pages indicates the existing force main material as PVC, which is non-toneable and marked as Utility Quality Level "D".

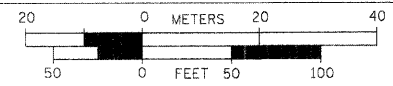
The AT&T locations depicted have been obtained through the application of geophysical methods to determine the existence and approximate horizontal position of these facilities. However, AT&T will not provide TBE Group, Inc. with utility records nor allow access to their field closures (pedestals/manholes etc.), to help verify the locations of their existing underground facilities. Therefore, TBE is unable to verify the completeness of the AT&T locations depicted in accordance with the CVASCE Standard 38-02.



205 W. WACKER DRIVE
SUITE 1020
CHICAGO, IL 60606
(312) 704-1970



Utilities shown in color on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others. TBE's SUE QL "B" field investigation was performed from 3/24/08 to 6/13/08. TBE's SUE QL "A" field investigation was performed on 3/23/09. Changes to utilities after 6/13/08 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.



Checked By: *[Signature]*
Date: 3/27/09
TBE Job No. IL09500274, 284, 285, 286, 288, 289, 290
SUE Plan Page: 6 of 21

FILE NAME = I:\Dgn\Civil\Sheet\vue03.dgn	USER NAME = J.Figueroa	DESIGNED EG, IP, SW	REVISED
		DRAWN KLC	ADDED TEST HOLES #29-34
		CHECKED RLC	REVISED
		DATE 3/27/09	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
AND KANE COUNTY HIGHWAY DEPT.

STEARNS ROAD CORRIDOR

SCALE: SHEET NO. STA. TO STA.

F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 46
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63073	

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY ELEVATION	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
1	2" G	1937246.966	982953.345	442+91.44	46.23' LT	806.39'	4.17'	810.56'	UTILITY QUALITY LEVEL "A"
2A	5" E	1937246.856	982966.660	443+04.75	45.88' LT	805.99'	3.09'	809.08'	UTILITY QUALITY LEVEL "A"
2B	5" E	1937246.816	982967.051	443+05.14	45.83' LT	805.91'	3.11'	809.02'	UTILITY QUALITY LEVEL "A"
3	(3)1.5" E	1937201.942	984610.406	459+14.17	134.27' LT	809.96'	2.99'	812.95'	UTILITY QUALITY LEVEL "A"
4	4" FOC	1937247.535	982959.699	442+97.81	46.68' LT	807.63'	3.27'	810.90'	UTILITY QUALITY LEVEL "A"
5	1" BT	1937222.518	983423.945	447+61.52	13.19' LT	807.32'	2.28'	809.60'	UTILITY QUALITY LEVEL "A"
6	1.5" BT	1937251.166	984029.456	453+63.49	40.83' LT	812.84'	1.95'	814.79'	UTILITY QUALITY LEVEL "A"
7	(3)1.5" E	1937205.372	984378.360	457+05.66	59.87' LT	810.18'	4.07'	814.25'	UTILITY QUALITY LEVEL "A"
8	14" FM	1937249.094	984239.303	455+65.28	69.06' LT	806.04'	9.12'	815.16'	UTILITY QUALITY LEVEL "A"
9	12" W	1937245.371	984239.054	455+65.76	65.35' LT	808.13'	7.21'	815.34'	UTILITY QUALITY LEVEL "A"
10	12" W	1937242.647	984130.354	454+62.34	43.98' LT	806.69'	7.56'	814.25'	UTILITY QUALITY LEVEL "A"
11	14" FM	1937247.307	984128.120	454+59.54	48.28' LT	804.27'	9.78'	814.05'	UTILITY QUALITY LEVEL "A"
12	6" E	1934492.890	996443.315	585+51.91	89.93' LT	697.54'	3.62'	701.16'	UTILITY QUALITY LEVEL "A"
13	4" G	1934749.732	999443.296	124+15.25	45.84' LT	731.50'	3.59'	735.09'	UTILITY QUALITY LEVEL "A"
14	4" FOC	1934693.00	999410.935	123+56.62	23.06' LT	730.34'	2.52'	732.86'	UTILITY QUALITY LEVEL "A"
15	4" BT	1934703.57	999419.815	123+69.86	25.07' LT	729.91'	3.85'	733.76'	UTILITY QUALITY LEVEL "A"
16	2.5" BT	1934870.46	999720.795	127+05.55	26.67' LT	745.94'	3.18'	749.12'	UTILITY QUALITY LEVEL "A"
17	4" G	1934875.01	999719.581	127+05.66	31.38' LT	746.03'	2.93'	748.96'	UTILITY QUALITY LEVEL "A"
18	2" G	1933969.73	1003170.366	163+55.99	253.43' RT	768.45'	3.43'	771.88'	UTILITY QUALITY LEVEL "A"
19	5" E	1934814.47	1001747.072	274+57.41	91.05' RT	736.65'	4.44'	741.09'	UTILITY QUALITY LEVEL "A"
20	5" FOC	1934823.40	999735.741	127+06.61	22.70' RT	740.79'	4.66'	745.45'	UTILITY QUALITY LEVEL "A"

VERIFIED UTILITY INFORMATION

TEST HOLE #	SIZE & TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY ELEVATION	EXISTING CUT	REFERENCE GROUND ELEVATION	COMMENTS
21	4" G	1934511.13	999216.244	120+97.41	53.93' LT	715.32'	2.95'	718.27'	UTILITY QUALITY LEVEL "A"
22	SEE NOTE BT	1934501.75	999226.516	120+96.17	40.08' LT	716.36'	3.25'	719.61'	UTILITY QUALITY LEVEL "A"
23	16" FM	1934424.10	999310.950	120+85.51	74.14' RT	719.80'	6.13'	725.93'	UTILITY QUALITY LEVEL "A"
24	16" FM	1934613.54	999502.297	123+73.31	96.99' RT	726.51'	4.15'	730.66'	UTILITY QUALITY LEVEL "A"
25	(3)1.5" E	1934791.68	1001595.582	274+50.35	61.98' LT	738.03'	5.26'	743.29'	UTILITY QUALITY LEVEL "A"
26	(3)1.5" E	1934796.97	1001535.679	274+61.10	121.03' LT	737.16'	8.03'	745.19'	UTILITY QUALITY LEVEL "A"
27	SEE NOTE FM	1934501.93	995431.144	575+41.48	44.42' LT	SEE NOTE	SEE NOTE	695.59'	UTILITY QUALITY LEVEL "D"
28	SEE NOTE FM	1934451.97	995437.006	575+50.02	5.15' RT	SEE NOTE	SEE NOTE	694.91'	UTILITY QUALITY LEVEL "D"
29	2" FOC	1934996.789	988912.922	811+84.49	60.57' RT	756.01'	4.41'	760.42'	UTILITY QUALITY LEVEL "A"
30	4" CATV	1934997.611	988918.576	811+84.16	66.27' RT	757.15'	3.47'	760.62'	UTILITY QUALITY LEVEL "A"
31	4" G	1935309.451	988824.342	815+08.54	36.19' RT	755.86'	4.78'	760.64'	UTILITY QUALITY LEVEL "A"
32	4" G	1935507.759	988798.425	817+09.13	48.59' RT	765.48'	3.12'	768.60'	UTILITY QUALITY LEVEL "A"
33	4" G	1935681.241	988765.840	818+86.78	45.17' RT	771.89'	3.19'	775.08'	UTILITY QUALITY LEVEL "A"
34	2" FOC	1935683.053	988774.661	818+87.22	54.16' RT	772.95'	3.02'	775.97'	UTILITY QUALITY LEVEL "A"

NOTES

TH# 22 (2) 16" WIDE CONCRETE DUCTS SIDE BY SIDE & (1) 4 3/4" PE PIPE ON TOP OF ONE OF THE CONCRETE DUCTS.

TH# 27 & 28 WERE ATTEMPTED BUT UTILITIES COULD NOT BE FOUND DUE TO DIFFICULT DIGGING CONDITIONS AND WATER FILLING HOLE. EXPOSED 6' BELOW GRADE. UNABLE TO FEEL BEYOND 12' WITH AIR LANCE DUE TO EXCESSIVE ROCKS AT BOTTOM OF HOLE. FORCE MAIN IS 16" PER FOX RIVER WATER RECLAMATION DISTRICT RECORDS.

ABBREVIATIONS

FM = FORCE MAIN
W = WATER
G = GAS
FOC = FIBER OPTIC
E = ELECTRIC
BT = TELEPHONE
CATV = CABLE TV

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PLOT DATE = 3/31/2009	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	47
CONTRACT NO. 63073				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ALL INFORMATION SHOWN WAS OBTAINED FROM A LOCATION SURVEY. OFFSETS AND STATIONS ARE IN RELATION TO THE BASELINE OF SURVEY.

Illinois Department of Transportation
STEARNS ROAD CORRIDOR
SOUTH ELGIN, IL.
KANE COUNTY
CONTRACT NO. 4 & 5
SECTION NO. N/A
TBE PROJECT NO.: IL09500289, 290

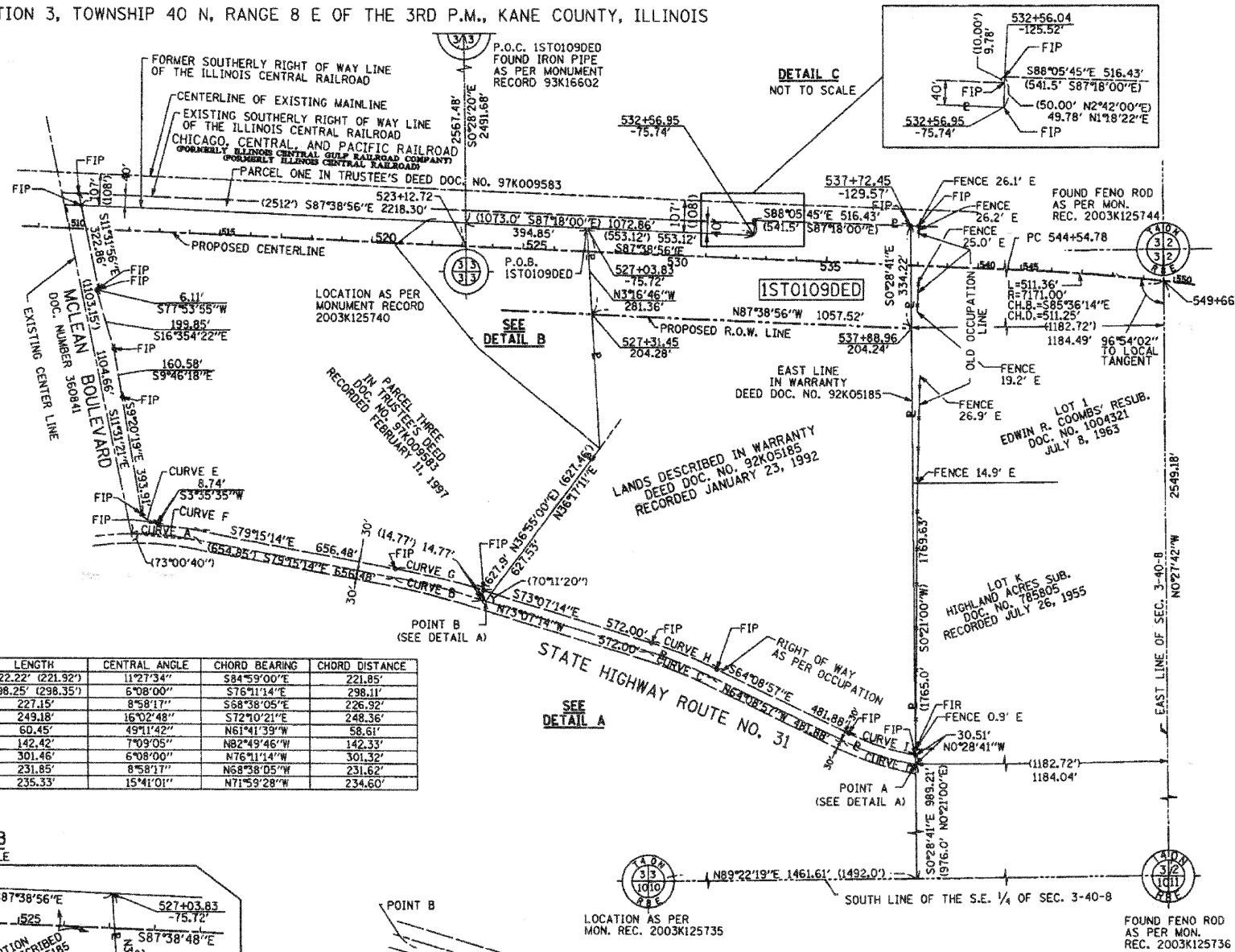
REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/18/09		ADDED TH13-28	3/27/09	Rec	ADDED TH29-34									



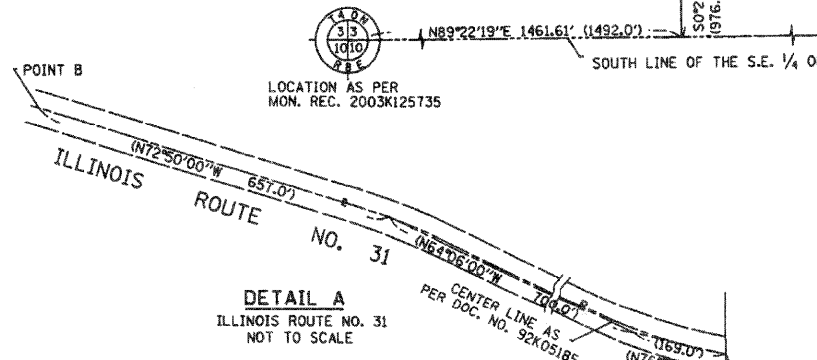
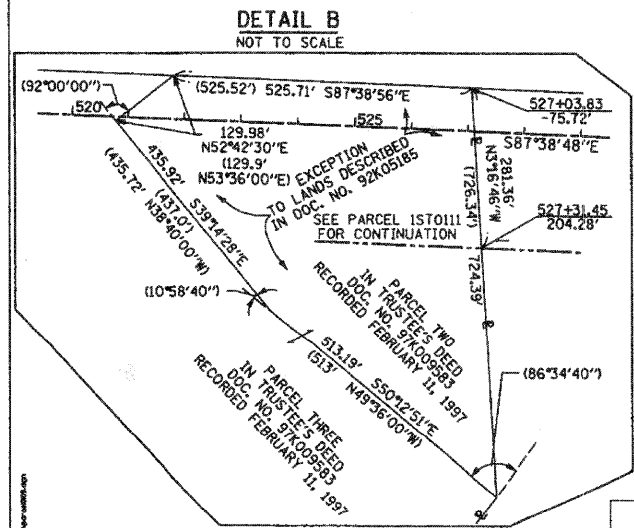
VERIFIED UTILITY LOCATIONS

PART OF THE W 1/2 OF SECTION 3, TOWNSHIP 40 N, RANGE 8 E OF THE 3RD P.M., KANE COUNTY, ILLINOIS



CURVE TABLE

CURVE	RADIUS	LENGTH	CENTRAL ANGLE	CHORD BEARING	CHORD DISTANCE
CURVE A	1111.06' (1111.06')	222.22' (221.92')	11°27'34"	S84°59'00"E	221.85'
CURVE B	2786.15' (2787.07')	298.25' (298.35')	6°08'00"	S76°11'14"E	298.11'
CURVE C	1450.74'	227.15'	8°58'17"	S68°38'05"E	226.92'
CURVE D	689.71'	249.18'	16°02'48"	S72°10'21"E	248.36'
CURVE E	70.40'	60.45'	49°11'42"	N61°41'39"W	58.61'
CURVE F	1141.06'	142.42'	7°09'05"	N82°49'46"W	142.33'
CURVE G	2816.15'	301.46'	6°08'00"	N76°11'14"W	301.32'
CURVE H	1480.74'	231.85'	8°58'17"	N68°38'05"W	231.62'
CURVE I	859.71'	235.33'	15°41'01"	N71°59'28"W	234.60'



- NOTES**
- ALL STATIONS HEREON REFERENCED ARE TO THE PROPOSED CENTERLINE STATIONING.
 - SUBJECT TO EASEMENTS, IF ANY, AS PER THE FOLLOWING DOCUMENT NUMBERS: 1999K030789, & 967988.
 - BASIS OF BEARINGS: ALL BEARINGS DEPICTED AS MEASURED HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (WGS 84).

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	AREA TAKEN ACRES	PREVIOUS DEDICATION ACRES	AREA REMAINING ACRES	AREA OF EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1ST0109DED	JAMES D. LOOTENS	39.861	7.457*	0.000	39.861	0.000	N/A	09-03-401-003, 09-03-251-002	

LEGEND

- SECTION CORNER
- QUARTER CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Bearings are referenced to the Illinois State Plane Coordinate System, East Zone, NAD 1983.

- IRON PIPE OR ROD FOUND
- ⊗ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- B1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

COUNTY OF COOK
STATE OF ILLINOIS

THIS IS TO CERTIFY THAT I, RONALD W. SODERQUIST, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, NUMBER 2722, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 3, TOWNSHIP 40 N, RANGE 8 E, OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

RONALD W. SODERQUIST
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2722
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008

benesch
alfred benesch & company
Engineers - Surveyors - Planners
206 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-465-0460

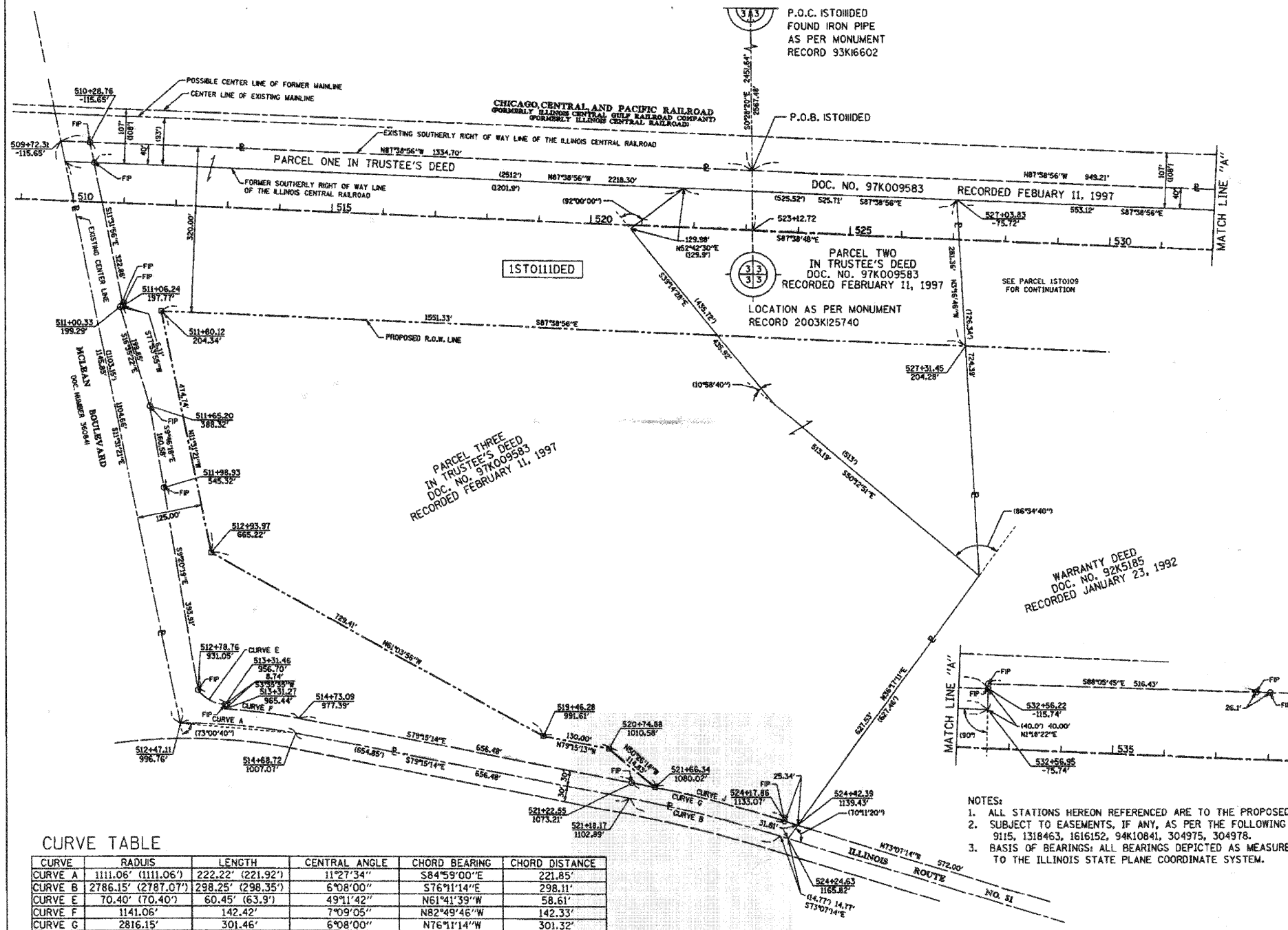
REVISION	DATE	DESCRIPTION
	9-23-04	PER IDOT
	2-21-06	IDOT CHG.
	4-10-07	IDOT CHG.
	4-18-07	KANE CO.
	5-17-07	CAD
	1-30-08	TO DED.
	2-12-08	DED CHG.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Stearns Rd. (Fox River Bridges)

SECTION 98-00214-02-BR KANE COUNTY
PROJECT JOB NO. R-91-083-01
STATION 527+03.83 TO STATION 537+88.96
SCALE: 1"=200'
SHEET 1 OF 1

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE W 1/2 AND THE NE 1/4 OF SECTION 3, TOWNSHIP 40 N, RANGE 8 E OF THE 3RD P.M., KANE COUNTY, ILLINOIS



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Bearings are referenced to the Illinois State Plane Coordinate System, East Zone, NAD 1983.

SCALE: 1"=100'

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- M STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

COUNTY OF COOK
STATE OF ILLINOIS

THIS IS TO CERTIFY THAT I, RONALD W. SODERQUIST, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, NUMBER 2722, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 3, TOWNSHIP 40 N., RANGE 8 E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

JULY 30, 2004

Ronald W. Soderquist
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2722
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008

CURVE TABLE

CURVE	RADIUS	LENGTH	CENTRAL ANGLE	CHORD BEARING	CHORD DISTANCE
CURVE A	1111.06' (1111.06')	222.22' (221.92')	11°27'34"	S84°59'00"E	221.85'
CURVE B	2786.15' (2787.07')	298.25' (298.35')	6°08'00"	S76°11'14"E	298.11'
CURVE E	70.40' (70.40')	60.45' (63.9')	49°11'42"	N61°41'39"W	58.61'
CURVE F	1141.06'	142.42'	7°09'05"	N82°49'46"W	142.33'
CURVE G	2816.15'	301.46'	6°08'00"	N76°11'14"W	301.32'
CURVE J	2816.15'	257.14'	5°13'54"	N75°44'11"W	257.05'

- NOTES:**
- ALL STATIONS HEREON REFERENCED ARE TO THE PROPOSED CENTERLINE STATIONINGS.
 - SUBJECT TO EASEMENTS, IF ANY, AS PER THE FOLLOWING DOCUMENT NUMBERS:
9115, 1318463, 1616152, 94K10841, 304975, 304978.
 - BASIS OF BEARINGS: ALL BEARINGS DEPICTED AS MEASURED HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	AREA TAKEN ACRES	PREVIOUS DEDICATION ACRES	AREA REMAINING ACRES	AREA OF EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1ST0110ED	JANET M. LOOTENS AND JAMES D. LOOTENS	43.470	18.648*	2.280	43.470	0.000	N/A	09-03-326-001 09-03-401-001 09-03-401-004 09-03-100-004 09-03-100-005	09-03-251-003 09-03-251-004 09-03-326-002 09-03-100-006

* AREA OF DEDICATION

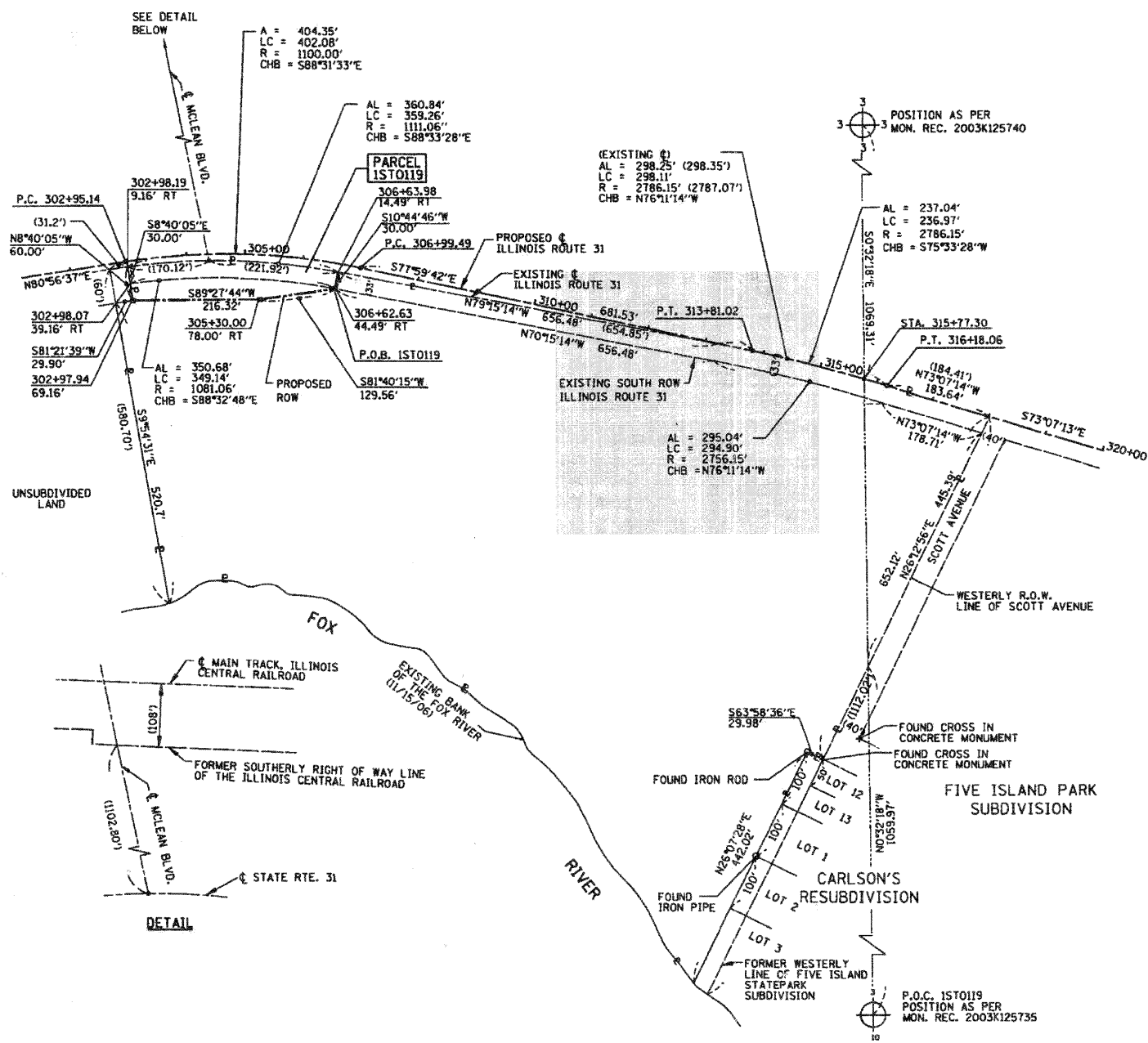
benesch
alfred benesch & company
Engineers - Surveyors - Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-686-0400

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Stearns Rd. (Fox River Bridges)

SECTION 98-00214-02-BR KANE COUNTY
PROJECT JOB NO. R-91-083-01
STATION 509+72.31 TO STATION 527+31.45
SCALE: 1"=100' SHEET 1 OF 1

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE SW 1/4 OF SECTION 3, TOWNSHIP 40 N, RANGE 8 E OF THE 3RD P.M., KANE COUNTY, ILLINOIS



LEGEND

- SECTION CORNER
- QUARTER CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

0 100' 200'
50'
SCALE: 1"=100'

- Bearings are referenced to the Illinois State Plane Coordinate System, East Zone, NAD 1983.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTAL SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T2
 - T3
 - BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT2
 - BT3
 - M STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.

COUNTY OF COOK
STATE OF ILLINOIS

THIS IS TO CERTIFY THAT I, RONALD W. SODERQUIST, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, NUMBER 2722, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 3, TOWNSHIP 40 N, RANGE 8 E, OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

NOVEMBER 15, 2006
RONALD W. SODERQUIST
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2722
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010



benesch
alfred benesch & Company
Engineers - Surveyors - Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-566-0450
Design Firm License # 184.000882

REVISION	DATE	DESCRIPTION
	12/19/06	CAD
	1/02/07	CAD
	4/09/07	IDOT COM.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Stearns Rd. (Fox River Bridges)

SECTION 98-00214-02-BR KANE COUNTY
PROJECT JOB NO. R-91-083-01
STATION 302+97.94 TO STATION 306+63.98
SCALE: 1"=100' SHEET 1 OF 1

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

- NOTES:
- ALL STATIONS HEREON REFERENCED ARE TO THE PROPOSED CENTERLINE STATIONINGS.
 - BASIS OF BEARINGS: ALL BEARINGS DEPICTED AS MEASURED HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	AREA TAKEN ACRES	PREVIOUS DEDICATION ACRES	AREA REMAINING ACRES	AREA OF EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1ST0119	FOREST PRESERVE DISTRICT OF KANE COUNTY, ILLINOIS	21.71*	0.483	0.659	21.228	0.000	N/A	09-03-451-011	

*AREA OF TOTAL LOCATED IN PIN 09-03-451-011 WEST OF SCOTT AVENUE

FILE NAME = I:\Dgn\Kc\11\Sheet\p023.dgn	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 PLAT OF HIGHWAYS	F.A.P. R.T.E. = 361	SECTION = 06-00214-10-BR	COUNTY = KANE	TOTAL SHEETS = 219	SHEET NO. = 50
PLOT SCALE = 1:100	CHECKED -	REVISED -	SCALE: 1"=100'			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63073
PLOT DATE = 3/27/2009	DATE = 3/27/09	REVISED -								

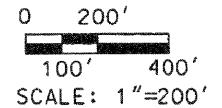
PART OF THE E 1/2 OF SECTION 4 & THE W 1/2 OF SECTION 3, TOWNSHIP 40 N, RANGE 8 E OF THE 3RD P.M., KANE COUNTY, ILLINOIS

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	AREA TAKEN ACRES	PREVIOUS INDICATION ACRES	AREA REMAINING ACRES	AREA OF EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
15T012000		149.299	+21.294	0.679	149.299	N/A		08-03-301-005, 09-03-301-012	
15T01201E-1	FIRST AMERICAN BANK, TR.# 86-084		0.000	0.000	149.299	7.650	TEMP. CONST.	09-03-301-013, 09-03-100-016	
15T01201E-2			0.000	0.000	149.299	0.201	DEMOLITION	09-04-200-005, 09-04-200-014	

*AREA OF DEDICATION

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING



Bearings are referenced to the Illinois State Plane Coordinate System, East Zone, NAD 1983.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTAL SET 5/8 INCH
- T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY
- T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONU-
- BT2 MENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE
- BT3 FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SUR-
VEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY
- MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION
- DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8
- INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY
- MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING
- SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

COUNTY OF COOK
STATE OF ILLINOIS

THIS IS TO CERTIFY THAT I, RONALD W. SODERQUIST, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, NUMBER 2722, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 34, TOWNSHIP 40 N., RANGE 8 E. OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

AUGUST 19, 2005
RONALD W. SODERQUIST
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2722
LICENSE EXPIRATION DATE: NOVEMBER 30, 2010



benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312.586.0450
Design Firm License # 184J000882

REVISION	DATE	DESCRIPTION
	9-02-05	KANE CO.
	9-08-05	PAR#
	9-06-06	COUNTY
	5-14-08	EASE./TAKE

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Stearns Rd. (Fox River Bridges)
SECTION 98-00214-02-BR KANE COUNTY
PROJECT JOB NO. R-91-083-01
STATION 462+62.30 TO STATION 511+94.35
SCALE: 1"=200' SHEET 1 OF 1
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

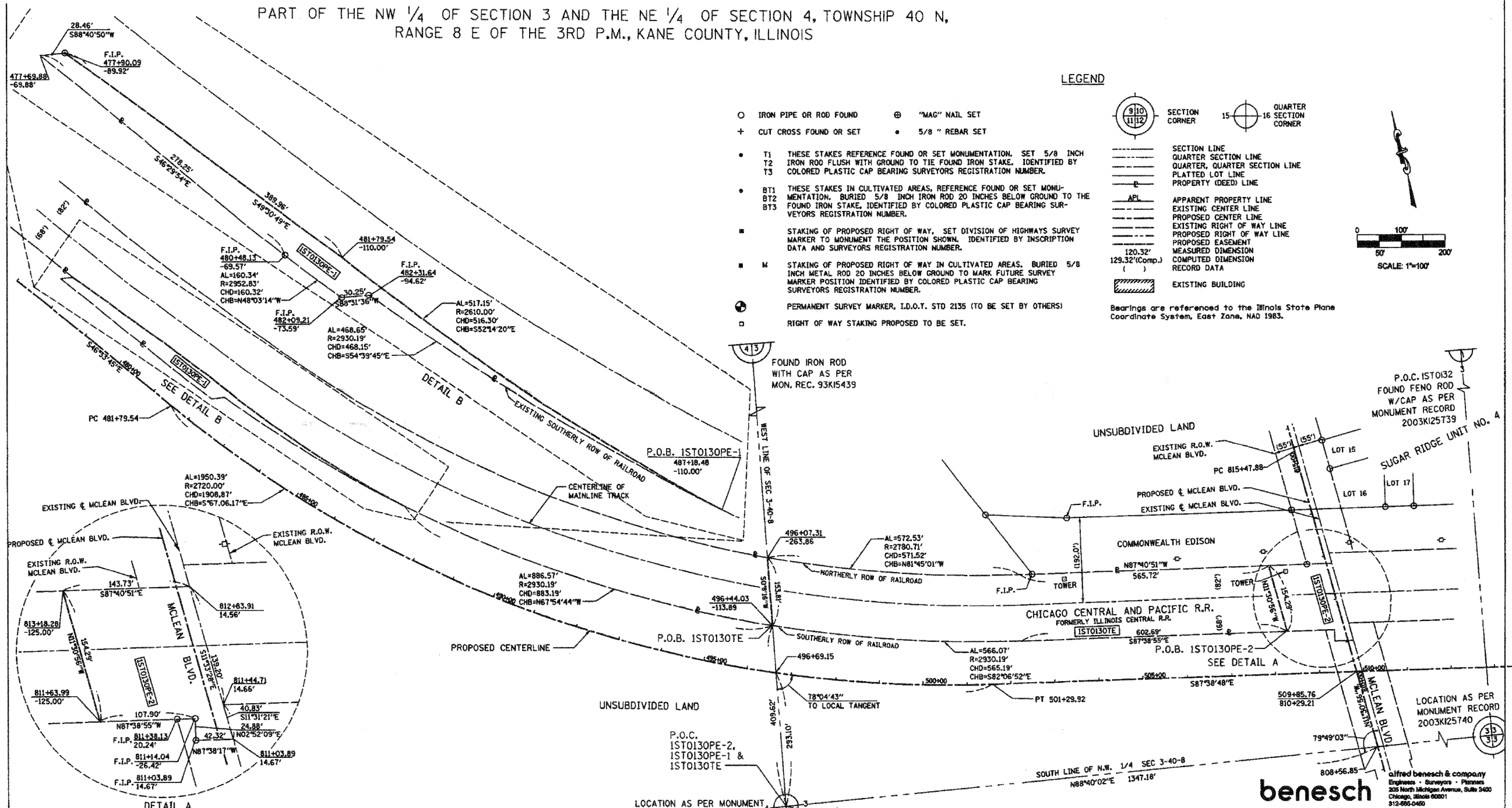
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD DISTANCE
C1	42.00'	70.73'	S36°43'19"W	62.66'
C2	1141.00'	57.04'	S83°27'00"W	57.03'
C3	1681.00'	131.91'	N48°48'38"W	131.88'
C4	2952.83'	160.34'	S48°03'14"E	160.32'
C5	1651.00'	104.98'	N48°23'03"W	104.96'
C6	1245.85'	420.42'	N70°50'03"E	418.43'
C7	1275.85'	387.76'	S52°27'36"W	386.27'
C8	1763.00'	204.14'	S49°52'47"E	204.02'
C9	1145.92'	500.00'	N43°23'37"E	496.05'
C10	1317.12'	575.85'	N68°25'07"E	571.28'
C11	1100.00'	404.36'	S88°31'33"E	402.08'
C13	2822.00'	342.30'	N84°10'19"W	342.09'
C14	2832.00'	333.66'	N49°56'16"W	333.47'

SEGMENT	BEARING	DISTANCE
A-B	S43°41'39"W	40.18'
C-O	S5°02'01"E	2.76'
E-F	N9°29'53"W	30.40'
F-G	S80°30'07"W	60.50'
G-H	S9°29'53"E	27.00'
H-O	S80°30'07"W	80.32'
L-K	S78°28'10"W	22.00'
P-M	S87°38'55"E	20.70'
M-N	S2°52'09"W	24.88'
N-O	S87°38'17"E	42.32'

POINT	STATION	OFFSET
A	804+11.13	14.75'
B	804+18.21	-18.25'
C	303+63.49	-22.09'
D	303+63.44	-19.33'
E	302+97.42	-20.28'
F	302+97.13	-50.65'
G	302+36.73	-50.18'
H	302+36.94	-23.19'
I	808+24.00	-86.00'
J	504+90.46	116.00'
K	808+08.20	-40.30'
L	808+08.21	-18.30'
M	811+38.13	-20.24'
N	811+14.04	-26.42'
O	811+03.89	14.67'
P	811+43.09	-40.34'
Q	301+56.62	-22.57'
R	801+93.00	-66.00'
S	504+91.00	96.00'
T	502+31.00	82.00'
U	502+30.46	102.00'
V	501+29.92	102.00'
W	501+29.92	82.00'

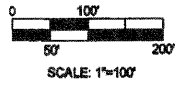
NOTES:
- ALL STATIONS HEREON REFERENCED ARE TO THE PROPOSED CENTERLINE STATIONINGS.
- UTILITY EASEMENT GRANTED TO ILLINOIS BELL TELEPHONE COMPANY LOCATED IN THE WESTERLY RIGHT OF WAY OF MCLEAN BOULEVARD PER DOCUMENT NO. 304978.
- UTILITY EASEMENT GRANTED TO NORTHERN ILLINOIS GAS COMPANY LOCATED IN THE WESTERLY RIGHT OF WAY OF MCLEAN BOULEVARD PER DOCUMENT NO. 2005K020936.

PART OF THE NW 1/4 OF SECTION 3 AND THE NE 1/4 OF SECTION 4, TOWNSHIP 40 N,
RANGE 8 E OF THE 3RD P.M., KANE COUNTY, ILLINOIS



LEGEND

- IRON PIPE OR ROD FOUND ⊕ "MAC" NAIL SET
 - + CUT CROSS FOUND OR SET • 5/8" REBAR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.
- SECTION CORNER QUARTER SECTION CORNER
 SECTION LINE QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINE
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTER LINE
 PROPOSED CENTER LINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORD DATA
 EXISTING BUILDING
- Bearings are referenced to the Illinois State Plane Coordinate System, East Zone, NAD 1983.



COUNTY OF COOK,
STATE OF ILLINOIS

THIS IS TO CERTIFY THAT I, RONALD W. SODERQUIST, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, NUMBER 2722, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 3 & 4, TOWNSHIP 40 N., RANGE 8 E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

NOVEMBER 30, 2005 RONALD W. SODERQUIST

Ronald Soderquist
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2722
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008



- NOTES:
- 1) ALL STATIONS HEREON REFERENCED ARE TO THE PROPOSED CENTERLINE STATIONINGS.
 - 2) SUBJECT TO EASEMENTS, IF ANY, AS PER THE FOLLOWING DOCUMENT NUMBERS: 1616152, 1615651, 1752213, 1967945, 94K010841, 9749, 788125.
 - 3) ROAD RIGHT OF WAY AS PER DOCUMENTS 360839 AND 360841.
 - 4) BASIS OF BEARINGS: ALL BEARINGS DEPICTED AS MEASURED HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NGS 84).

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	AREA TAKEN ACRES	PREVIOUS DEDICATION ACRES	AREA REMAINING ACRES	AREA OF EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IST0130PE-2	CHICAGO, CENTRAL AND PACIFIC R.R.	NA	0.000	NA	NA	0.517	BRIDGE	09-03-604-005 09-04-504-002	
IST0130PE-1						0.385	GRADING		
IST0130TE						3.960	MAINT. OF RAIL TRAFFIC		

benesch
Engineers - Surveyors - Planners
305 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-662-0460

REVISION	
DATE	DESCRIPTION
12/21/05	KANE COM.
7-11-07	IDOT COM.

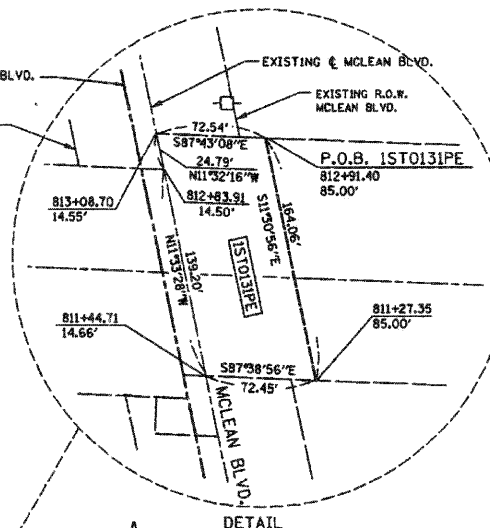
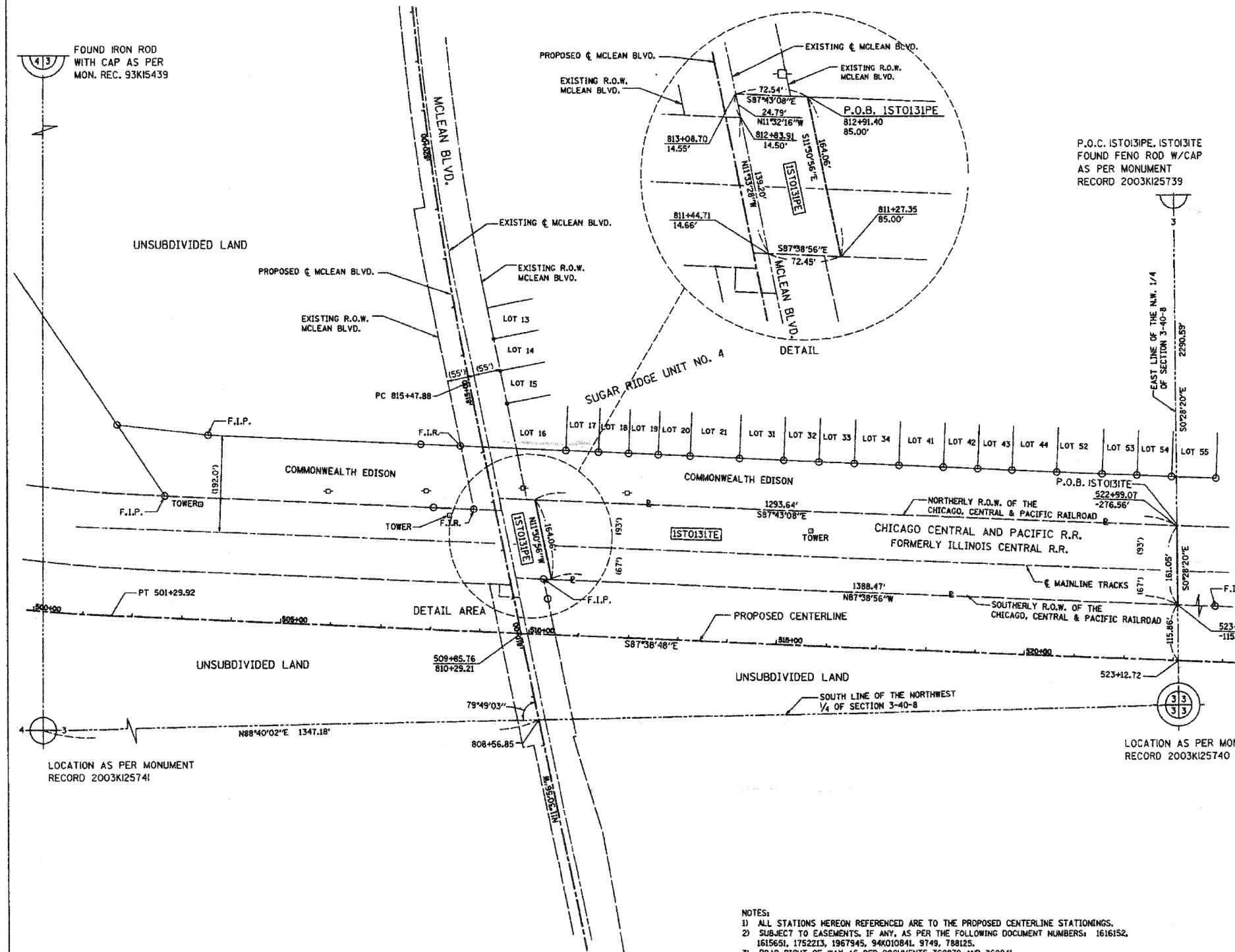
PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Stearns Rd. (Fox River Bridges)

SECTION 98-00214-02-BR KANE COUNTY
PROJECT JOB NO. R-91-083-01
STATION 477+69.88 TO STATION 811+03.89
SCALE: 1" = 100' SHEET 1 OF 1

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

FILE NAME = I:\Dgn\Civil\Sheet\ph025.dgn	USER NAME = therton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 PLAT OF HIGHWAYS	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 52	
PLOT SCALE = 1:10	PLOT DATE = 3/29/2009	DRAWN -	REVISED -			SCALE: 1" = 100'	SHEET NO. OF SHEETS STA. TO STA.	TC-13		CONTRACT NO. 63073	
		CHECKED -	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
		DATE = 3/27/09	REVISED -								

PART OF THE NW 1/4 OF SECTION 3, TOWNSHIP 40 N, RANGE 8 E OF THE 3RD P.M., KANE COUNTY, ILLINOIS



LEGEND

- SECTION CORNER
- QUARTER CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Scale: 1"=100'

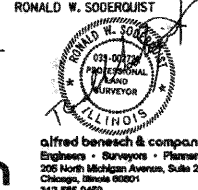
- Bearings are referenced to the Illinois State Plane Coordinate System, East Zone, NAD 1983.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8" INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T2
 - T3
 - BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8" INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT2
 - BT3
 - M STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8" INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.

COUNTY OF COOK;
STATE OF ILLINOIS;

THIS IS TO CERTIFY THAT I, RONALD W. SODERQUIST, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, NUMBER 2722, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 3, TOWNSHIP 40 N., RANGE 8E., OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

NOVEMBER 30, 2005

Ronald W. Soderquist
RONALD W. SODERQUIST
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2722
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008



benesch
alfred benesch & company
Engineers - Surveyors - Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-456-0460

- NOTES:**
- ALL STATIONS HEREON REFERENCED ARE TO THE PROPOSED CENTERLINE STATIONINGS.
 - SUBJECT TO EASEMENTS, IF ANY, AS PER THE FOLLOWING DOCUMENT NUMBERS: 1616152, 1615651, 1752213, 1967945, 94K010841, 9749, 788125.
 - ROAD RIGHT OF WAY AS PER DOCUMENTS 360839 AND 360841.
 - BASIS OF BEARINGS: ALL BEARINGS DEPICTED AS MEASURED HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 84).

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	AREA TAKEN ACRES	PREVIOUS DEDICATION ACRES	AREA REMAINING ACRES	AREA OF EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
ISTO131PE	CHICAGO, CENTRAL & PACIFIC RAILROAD	N/A	0.000	NA	N/A	0.265	BRIDGE	09-03-504-005	
ISTO131TE						4.696	MAINT. OF RAIL TRAFFIC		

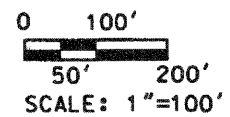
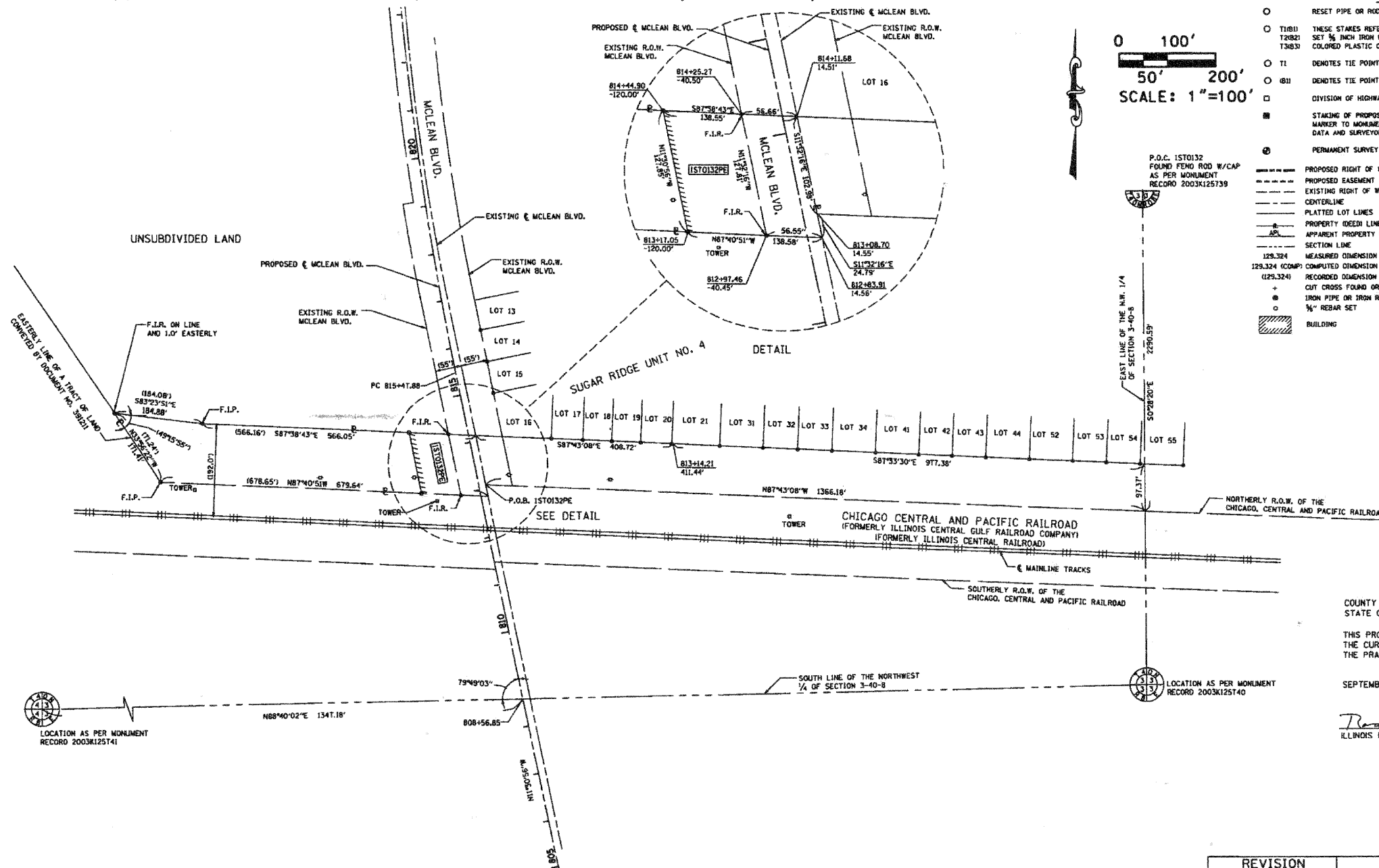
REVISION	
DATE	DESCRIPTION
12/21/05	KANE COM.
7/11/07	IDOT COM.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Stearns Rd. (Fox River Bridges)

SECTION 98-00214-02-BR KANE COUNTY
PROJECT JOB NO. R-91-083-01
STATION 813+08.70 TO STATION 523+07.01
SCALE: 1"= 100' SHEET 1 OF 1

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE NW 1/4 OF SECTION 3, TOWNSHIP 40 N, RANGE 8 E OF THE 3RD P.M., KANE COUNTY, ILLINOIS



- LEGEND**
- RESET PIPE OR ROD TO ORIGINAL POSITION.
 - T1811 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 1/8 INCH IRON ROD TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T1 DENOTES TIE POINT NO. 1. SET IRON ROD FLUSH WITH GROUND SURFACE.
 - (B1) DENOTES TIE POINT NO. 1. SET IRON ROD 20" BELOW GROUND SURFACE.
 - DIVISION OF HIGHWAYS RIGHT OF WAY SURVEY MARKER PROPOSED TO BE SET.
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - PROPOSED RIGHT OF WAY LINE
 - PROPOSED EASEMENT
 - EXISTING RIGHT OF WAY LINE
 - CENTERLINE
 - PLATTED LOT LINES
 - PROPERTY DEED LINE
 - APPARENT PROPERTY LINE
 - SECTION LINE
 - 129.324 MEASURED DIMENSION
 - (129.324) COMPUTED DIMENSION
 - (129.324) RECORDED DIMENSION
 - + CUT CROSS FOUND OR SET
 - IRON PIPE OR IRON ROD FOUND
 - 1/8" REBAR SET
 - ▨ BUILDING

COUNTY OF COOK;
STATE OF ILLINOIS;

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS THE PRACTICE OF LAND SURVEYING.

SEPTEMBER 12, 2005 RONALD W. SODERQUIST

Ronald W. Soderquist
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2722



NOTE: ALL STATIONS HEREON REFERENCED ARE TO THE PROPOSED CENTERLINE STATIONING.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	AREA TAKEN ACRES	PREVIOUS DEDICATION ACRES	AREA REMAINING ACRES	AREA OF EASEMENT ACRES	PURPOSE OF EASEMENT	TAX NUMBER
15T0132PE	COMMONWEALTH EDISON COMPANY	N/A	TOTAL=0.000+/-	0.161+/-	N/A	0.395+/-	PERMANENT ROADWAY	09-03-100-013

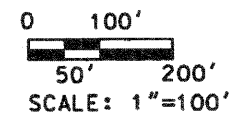
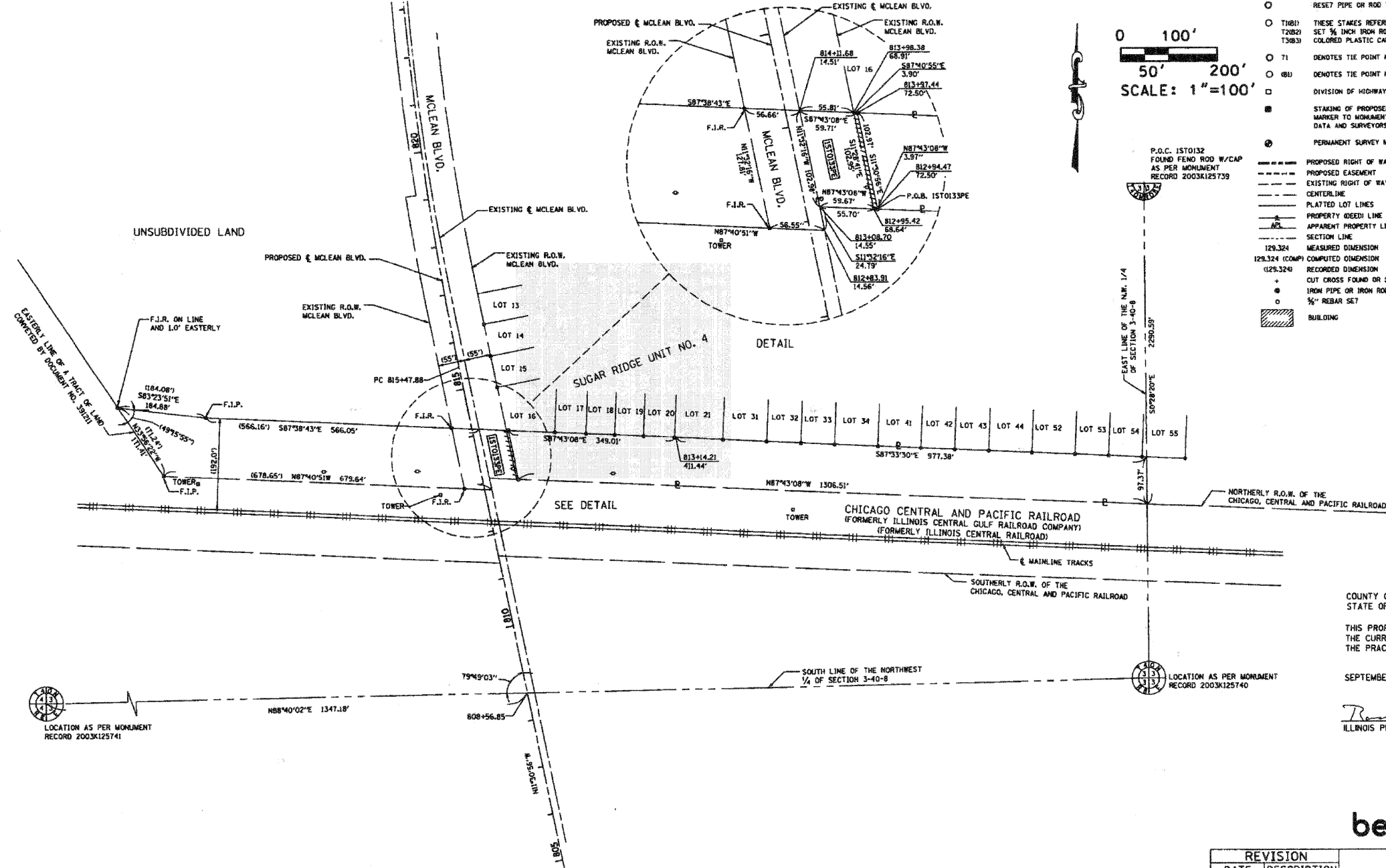
REVISION	DATE	DESCRIPTION
	10-28-05	per Kane

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Stearns Rd. (Fox River Bridges)

SECTION 98-00214-02-BR KANE COUNTY
PROJECT JOB NO. R-55-001-97
STATION TO STATION
SCALE: 1"= 100' SHEET 1 OF 1

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE NW 1/4 OF SECTION 3, TOWNSHIP 40 N, RANGE 8 E OF THE 3RD P.M., KANE COUNTY, ILLINOIS



- LEGEND**
- RESET PIPE OR ROD TO ORIGINAL POSITION.
 - T16(1) THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
 - T2(2) SET 3/8 INCH IRON ROD TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T3(3)
 - T1 DENOTES TIE POINT NO. 1, SET IRON ROD FLUSH WITH GROUND SURFACE.
 - T2 DENOTES TIE POINT NO. 1, SET IRON ROD 20" BELOW GROUND SURFACE.
 - DIVISION OF HIGHWAYS RIGHT OF WAY SURVEY MARKER PROPOSED TO BE SET.
 - STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY DESCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - PROPOSED RIGHT OF WAY LINE
 - PROPOSED EASEMENT
 - EXISTING RIGHT OF WAY LINE
 - CENTERLINE
 - PLATTED LOT LINES
 - PROPERTY GREEN LINE
 - APPARENT PROPERTY LINE
 - SECTION LINE
 - 129.324 MEASURED DIMENSION
 - 129.324 (COMP) COMPUTED DIMENSION
 - 129.324 (REC) RECORDED DIMENSION
 - CUT CROSS FOUND OR SET
 - IRON PIPE OR IRON ROD FOUND
 - 3/8" REBAR SET
 - ▨ BUILDING

P.O.C. 15T0132
FOUND FEND ROD W/CAP
AS PER MONUMENT
RECORD 2003K125739

EAST LINE OF THE NW 1/4
OF SECTION 3-40-8
2290.59'

LOCATION AS PER MONUMENT
RECORD 2003K125740

LOCATION AS PER MONUMENT
RECORD 2003K125741

COUNTY OF COOK,
STATE OF ILLINOIS

THIS PROFESSIONAL SERVICE CONFORMS TO
THE CURRENT ILLINOIS MINIMUM STANDARDS
THE PRACTICE OF LAND SURVEYING.

SEPTEMBER 12, 2005 RONALD W. SODERQUIST

Ronald W. Soderquist
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2722



benesch

alfred benesch & company
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205 North Michigan Avenue, Suite 2400
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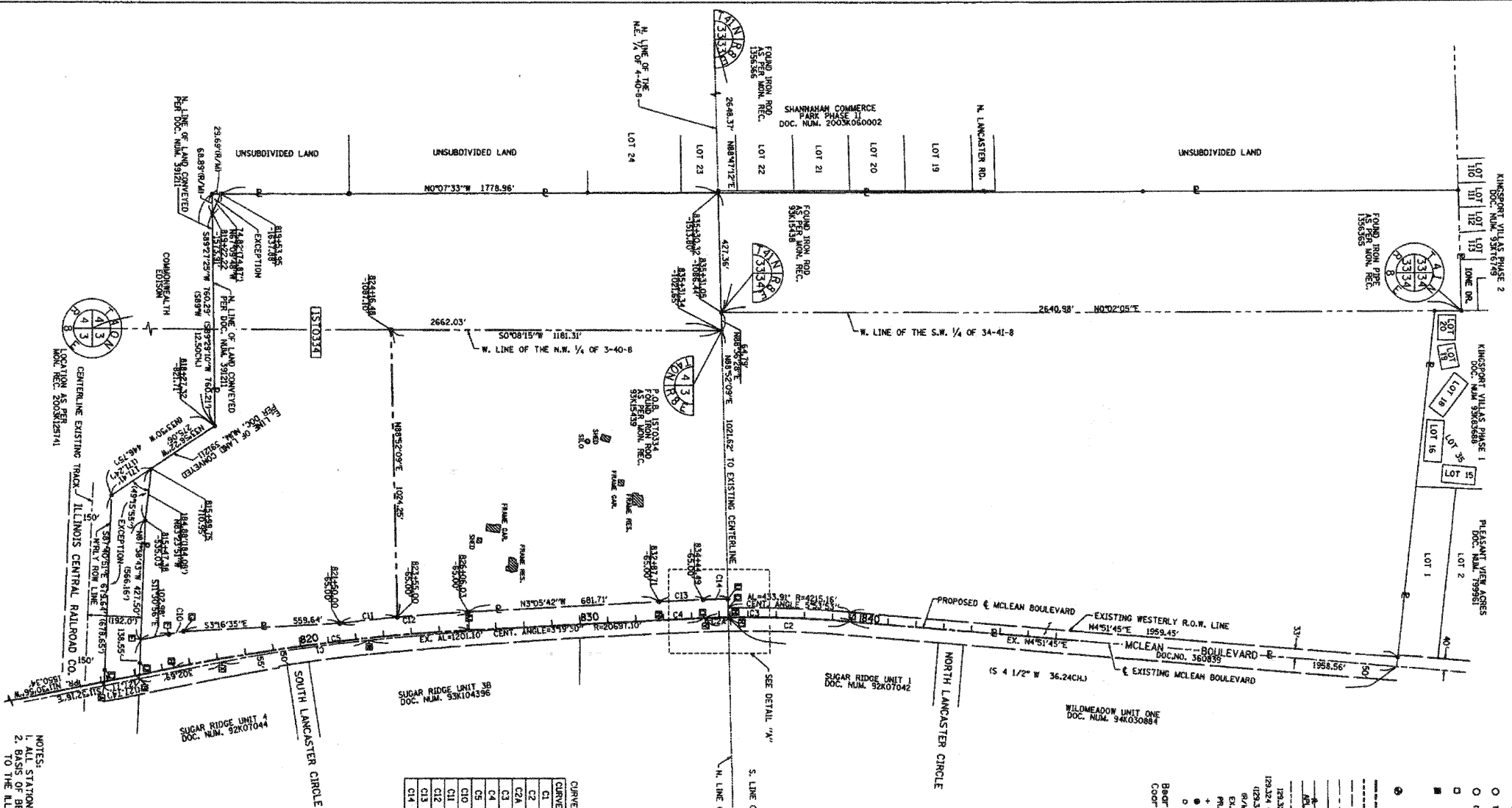
NOTE: ALL STATIONS HEREON REFERENCED ARE TO THE PROPOSED CENTERLINE STATIONING.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	AREA TAKEN ACRES	PREVIOUS DEDICATION ACRES	AREA REMAINING ACRES	AREA OF EASEMENT ACRES	PURPOSE OF EASEMENT	TAX NUMBER
15T0133PE	COMMONWEALTH EDISON COMPANY	N/A	TOTAL=0.000+/-	0.128+/-	N/A	0.137+/-	PERMANENT ROADWAY	09-03-100-011

REVISION	
DATE	DESCRIPTION

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
Stearns Rd. (Fox River Bridges)
SECTION 98-00214-02-BR KANE COUNTY
PROJECT JOB NO. R-55-001-97
STATION TO STATION
SCALE: 1"= 100' SHEET 1 OF 1
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE NW 1/4 OF SECTION 3 & PART OF THE NE 1/4 OF SECTION 4,
BOTH IN TOWNSHIP 40 N, RANGE 8 E OF THE 3RD P.M., KANE COUNTY, ILLINOIS



LEGEND

- SET FROM PIPE
- TIED THESE STAKES REFERENCE FOUND OR SET IMMEDIATELY THEREAFTER
- T1 DENOTES THE POINT NO. 1, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T2 DENOTES THE POINT NO. 2, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T3 DENOTES THE POINT NO. 3, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T4 DENOTES THE POINT NO. 4, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T5 DENOTES THE POINT NO. 5, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T6 DENOTES THE POINT NO. 6, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T7 DENOTES THE POINT NO. 7, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T8 DENOTES THE POINT NO. 8, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T9 DENOTES THE POINT NO. 9, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T10 DENOTES THE POINT NO. 10, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T11 DENOTES THE POINT NO. 11, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T12 DENOTES THE POINT NO. 12, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T13 DENOTES THE POINT NO. 13, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T14 DENOTES THE POINT NO. 14, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T15 DENOTES THE POINT NO. 15, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T16 DENOTES THE POINT NO. 16, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T17 DENOTES THE POINT NO. 17, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T18 DENOTES THE POINT NO. 18, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T19 DENOTES THE POINT NO. 19, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T20 DENOTES THE POINT NO. 20, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T21 DENOTES THE POINT NO. 21, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T22 DENOTES THE POINT NO. 22, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T23 DENOTES THE POINT NO. 23, SET FROM ROAD FLUSH WITH GROUND SURFACE.
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- T82 DENOTES THE POINT NO. 82, SET FROM ROAD FLUSH WITH GROUND SURFACE.
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- T84 DENOTES THE POINT NO. 84, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T85 DENOTES THE POINT NO. 85, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T86 DENOTES THE POINT NO. 86, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T87 DENOTES THE POINT NO. 87, SET FROM ROAD FLUSH WITH GROUND SURFACE.
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- T89 DENOTES THE POINT NO. 89, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T90 DENOTES THE POINT NO. 90, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T91 DENOTES THE POINT NO. 91, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T92 DENOTES THE POINT NO. 92, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T93 DENOTES THE POINT NO. 93, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T94 DENOTES THE POINT NO. 94, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T95 DENOTES THE POINT NO. 95, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T96 DENOTES THE POINT NO. 96, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T97 DENOTES THE POINT NO. 97, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T98 DENOTES THE POINT NO. 98, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T99 DENOTES THE POINT NO. 99, SET FROM ROAD FLUSH WITH GROUND SURFACE.
- T100 DENOTES THE POINT NO. 100, SET FROM ROAD FLUSH WITH GROUND SURFACE.

Beornings are referred to the Illinois State Plane Coordinate System, East Zone, NAD 1983.

DETAIL "A"

LENGTH TABLE

SEGMENT	BEARING	DISTANCE
A-N	N30°42'W	676.44'
R-J	N80°41'52"E	22.00'
U-H	N88°52'09"E	64.48'

CHORD TABLE

CURVE	DELTA	RADIUS	ARC LENGTH	CHORD	BEARING	CHORD DISTANCE
C1	6°01'00"	5055.59'	530.90'	515.21'	S1°36'56"E	
C2	7°03'30"	4182.16'	64.73'	514.86'	S1°36'56"E	
C3	1°09'40"	4182.16'	64.73'	514.86'	S1°36'56"E	
C4	0°54'09"	10650.00'	167.26'	167.26'	S1°36'56"E	
C5	8°25'14"	17200.00'	1058.16'	1058.16'	S1°36'56"E	
C10	0°24'43"	1350.00'	52.39'	52.39'	S1°36'56"E	52.39'
C11	1°17'53"	1285.00'	206.85'	206.85'	S5°54'30"E	206.84'
C12	3°31'44"	10015.84'	157.19'	157.19'	N4°54'34"W	
C14	1°12'08"	4237.18'	83.09'	83.09'	S1°36'56"E	

STATION-OFFSET TABLE

POINT	STATION	OFFSET
A	812+83.91	14.98'
B	814+111.68	14.51'
C	812+91.48	-40.55'
D	814+252.27	-40.00'
E	814+444.90	-120.00'
F	815+417.18	-120.00'
G	816+000.00	-120.00'
H	815+417.18	0.00'
I	816+000.00	0.00'
J	813+482.47	0.00'
K	814+417.13	0.00'
L	815+417.13	-33.03'
M	815+417.13	-0.03'
N	815+417.13	0.00'
O	815+417.13	0.00'
P	815+417.13	0.00'
Q	815+417.13	0.00'
R	815+417.13	0.00'
S	815+417.13	0.00'
T	815+417.13	0.00'
U	815+417.13	0.00'
V	814+417.13	0.00'
W	812+417.13	6.24'
X	817+417.60	12.46'

REVISION	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY
	12/30/08	OWNER CHG		09-03-100-012		
	10/04/07	JOB NUM.		09-04-200-008		
	3/12/08					

benesch

affiliated benesch & company
 Engineers, Surveyors, Planners
 200 West Center Court
 Schaumburg, Illinois 60196
 312.966.0400

COUNTY OF COOK
 STATE OF ILLINOIS

THIS PROFESSIONAL SERVICE CONFORMS TO
 THE CURRENT ILLINOIS STANDARD STANDARDS
 AND THE PRACTICE OF LAND SURVEYING.

DECEMBER 6, 2005 RONALD W. SODERQUIST

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2722

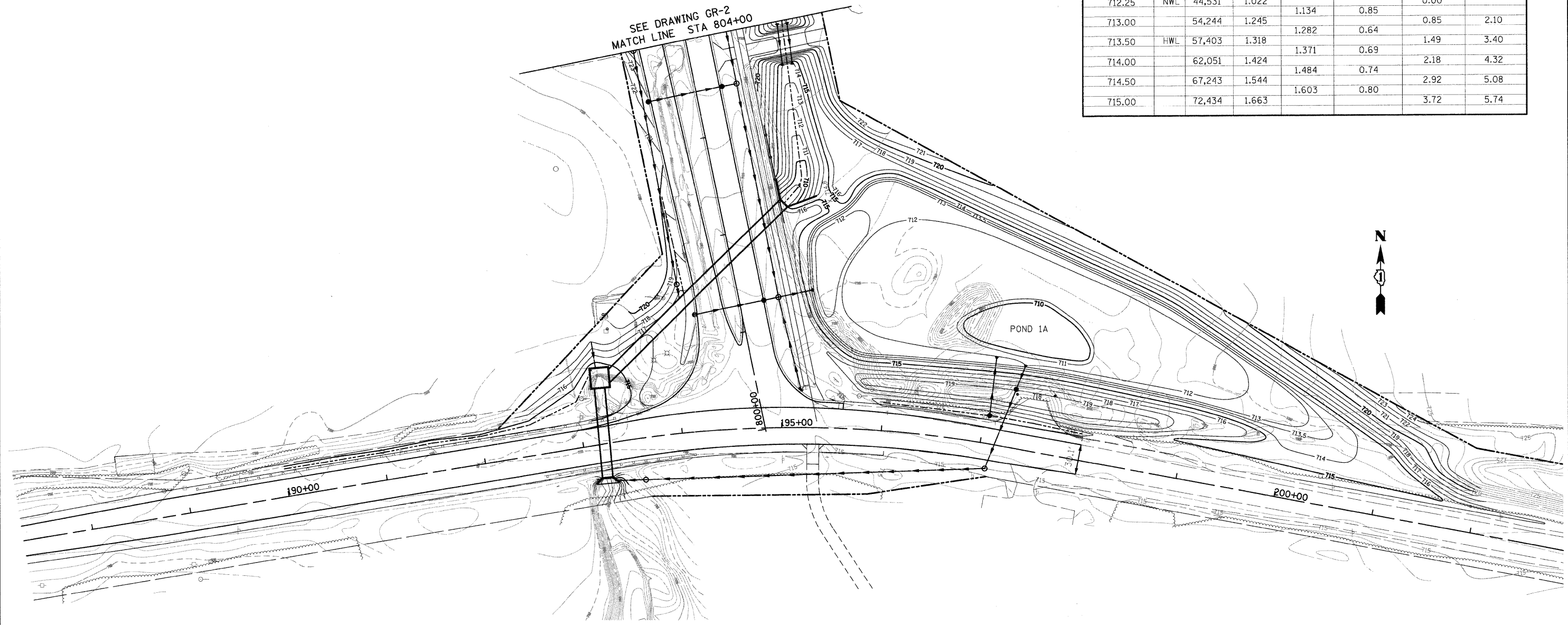
PLAT OF HIGHWAYS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 Steeles Rd. (Fox River Bridges)
 SECTION 98-00214-02-BR KANE COUNTY
 PROJECT JOB NO. R-91-083-01
 STATION 814+44.90 TO STATION 835+31.34
 SCALE: 1" = 200'

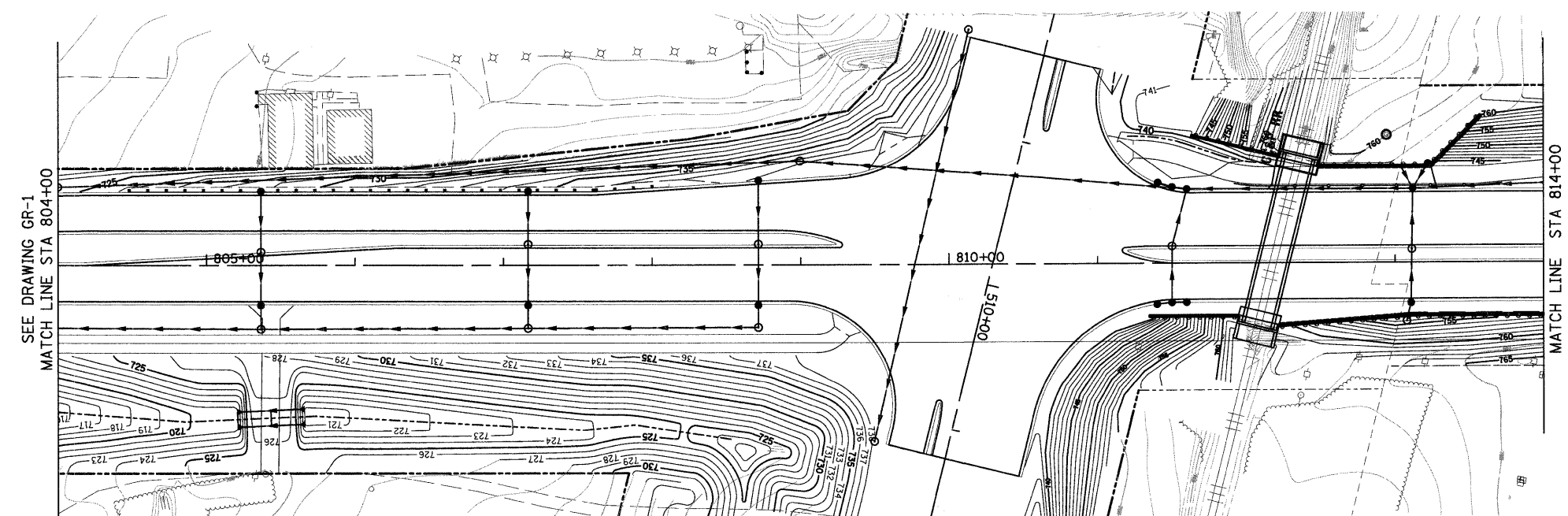
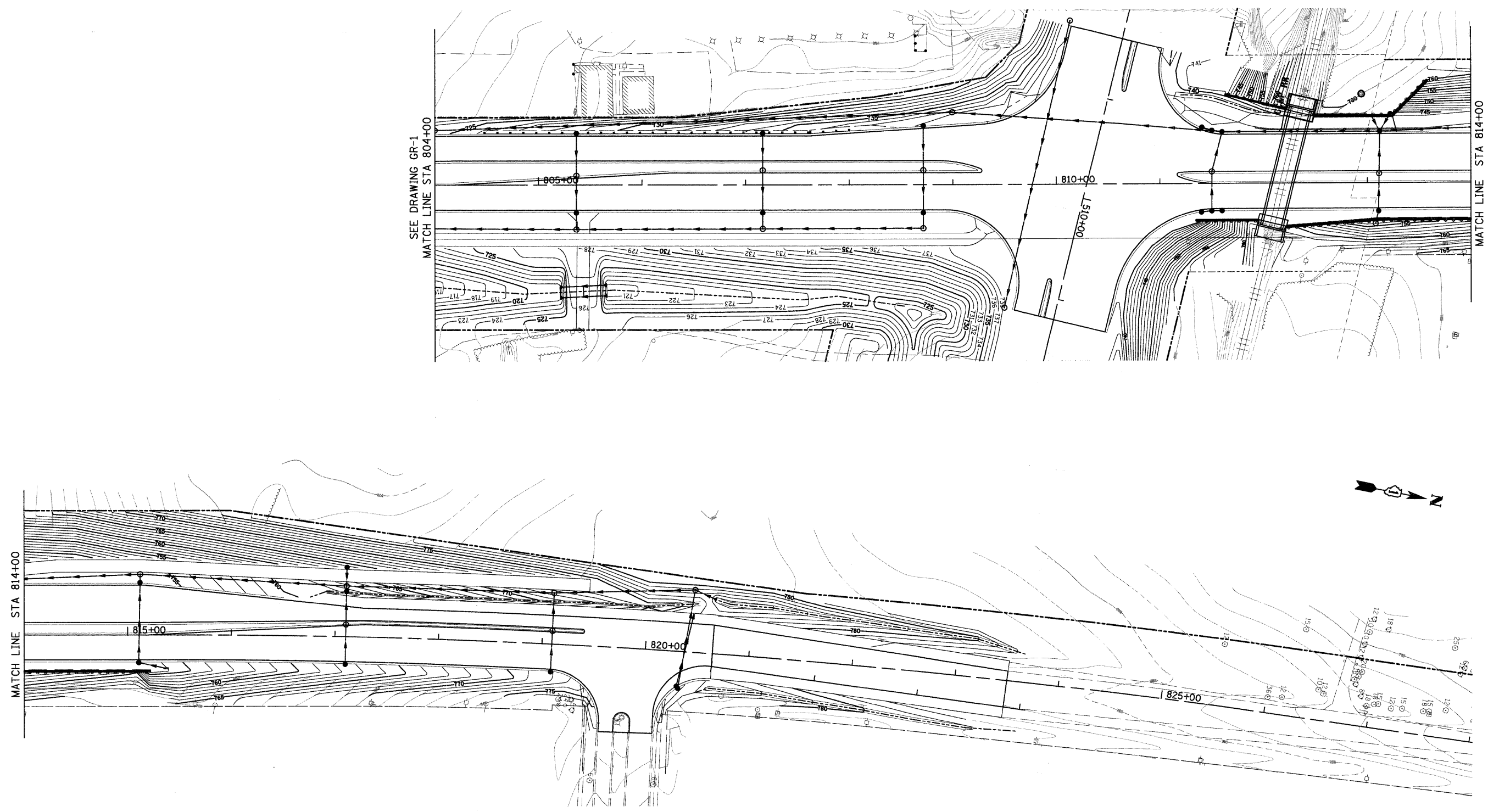
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

POND:	MCLEAN BLVD BASIN - POND 1A	CENTERLINE ELEVATION:	712.69	FT
JOB NO.:	07-1002	ORIFICE RADIUS:	0.5	FT
PROJECT:	STEARNS RD.	ORIFICE COEFF:	0.6	
DATE:	9/18/2008	WEIR 2 ELEVATION:	714.5	FT
		LENGTH OF WEIR:	10	FT
		WEIR COEFF:	3	

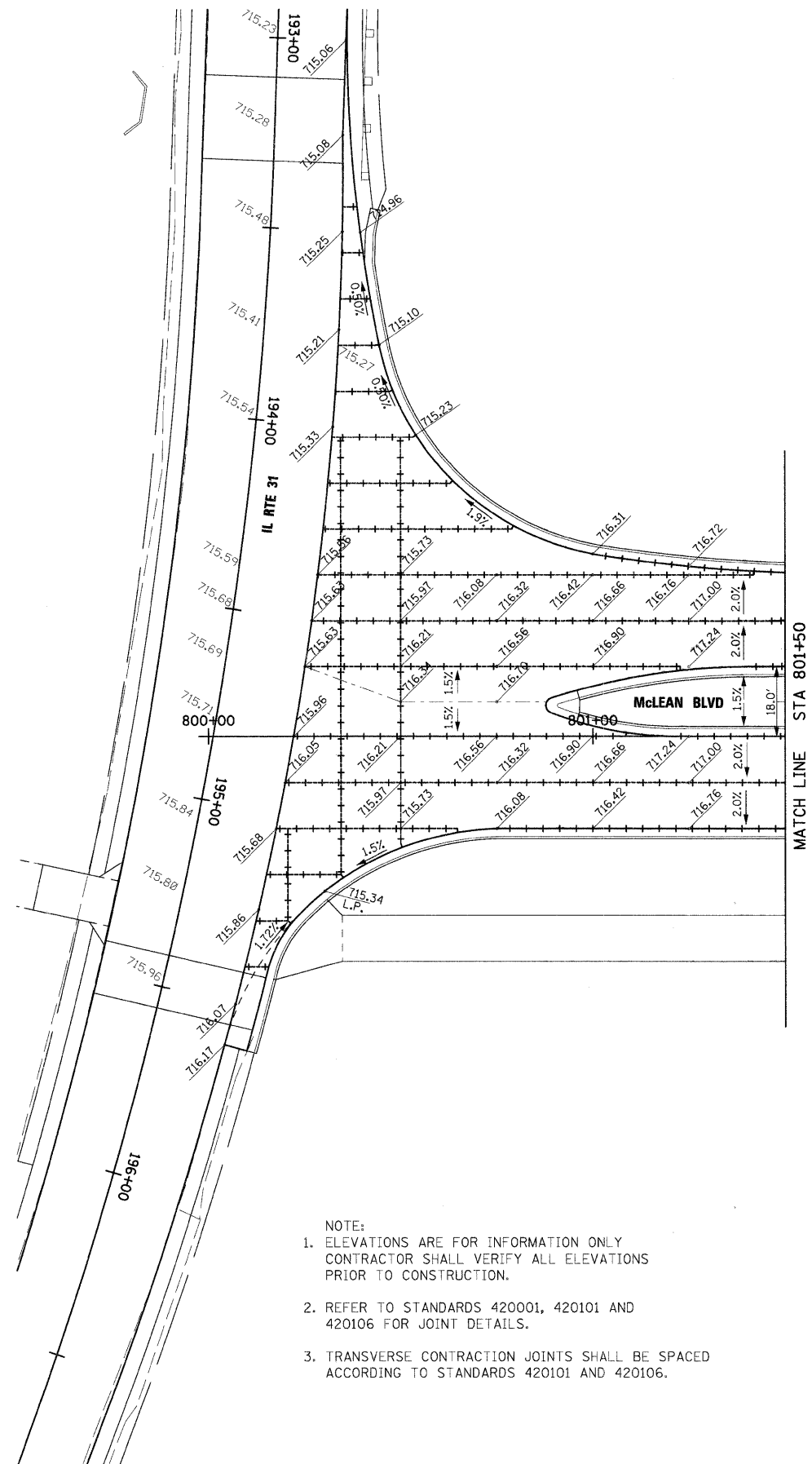
ELEVATION (FT)		AREA		AVERAGE AREA (AC)	INCREMENTAL STORAGE (AC-FT)	CUMULATIVE STORAGE (AC-FT)	ORIFICE DISCHARGE (CFS)
		(SQ FT)	(AC)				
712.25	NWL	44,531	1.022	1.134	0.85	0.00	
713.00		54,244	1.245	1.282	0.64	0.85	2.10
713.50	HWL	57,403	1.318	1.371	0.69	1.49	3.40
714.00		62,051	1.424	1.484	0.74	2.18	4.32
714.50		67,243	1.544	1.603	0.80	2.92	5.08
715.00		72,434	1.663			3.72	5.74



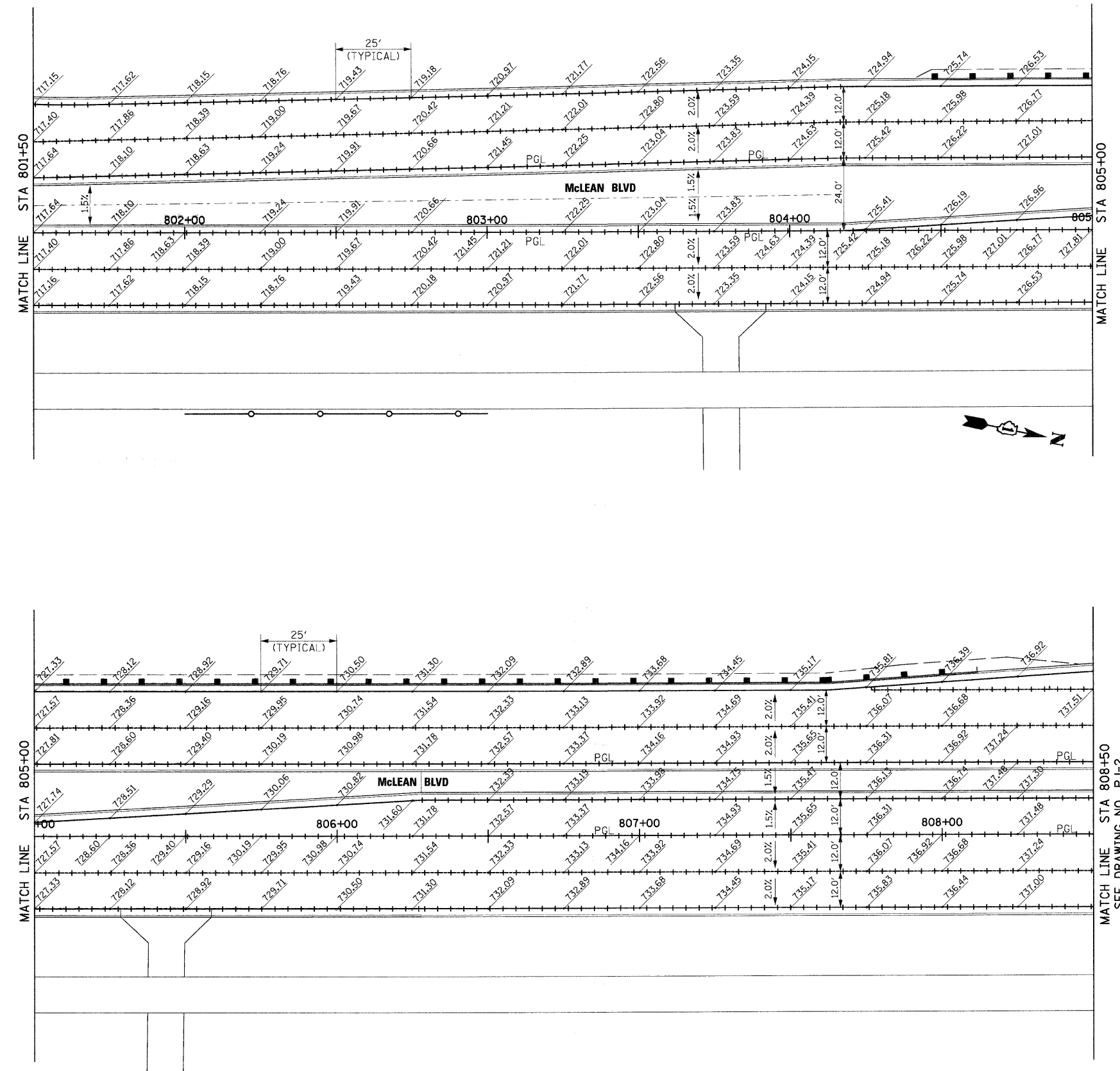
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PLOT SCALE = 1:50.0001	CHECKED -	REVISED -	361			06-00214-10-BR	KANE	219	58	
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -	CONTRACT NO. 63073			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO. OF SHEETS STA. TO STA.				



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PLOT DATE = 3/29/2009	DATE = 3/27/09	CHECKED -	REVISED -				CONTRACT NO. 63073					

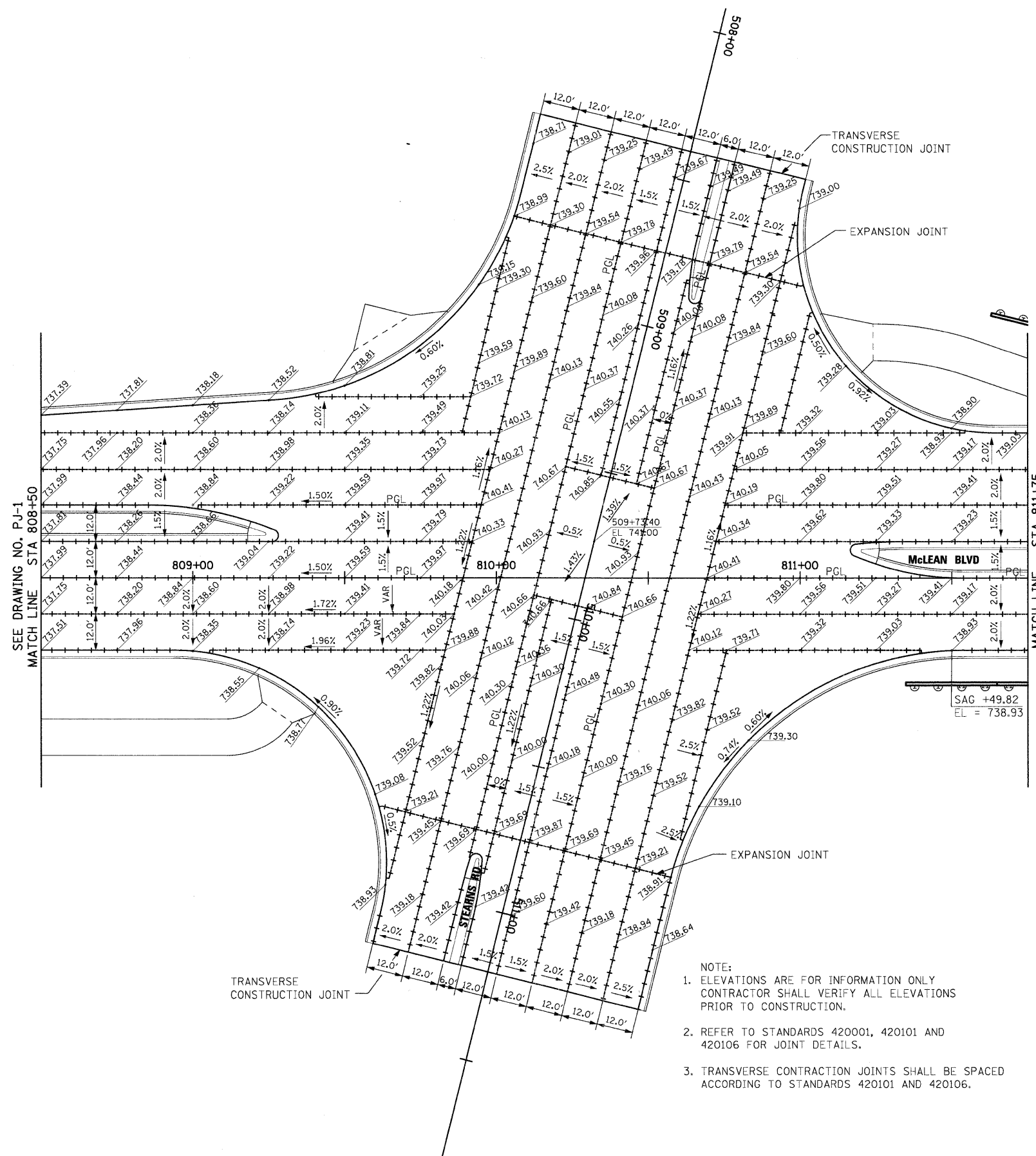


- NOTE:
- ELEVATIONS ARE FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.
 - REFER TO STANDARDS 420001, 420101 AND 420106 FOR JOINT DETAILS.
 - TRANSVERSE CONTRACTION JOINTS SHALL BE SPACED ACCORDING TO STANDARDS 420101 AND 420106.

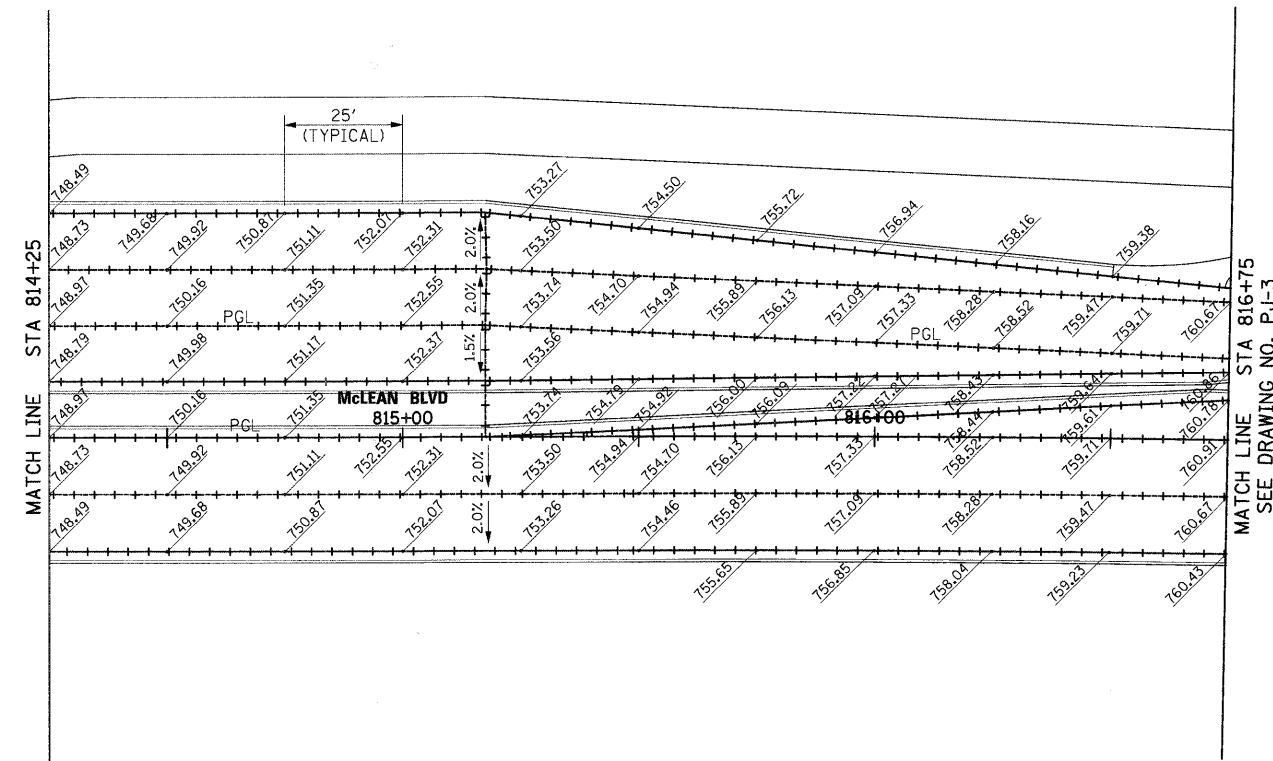
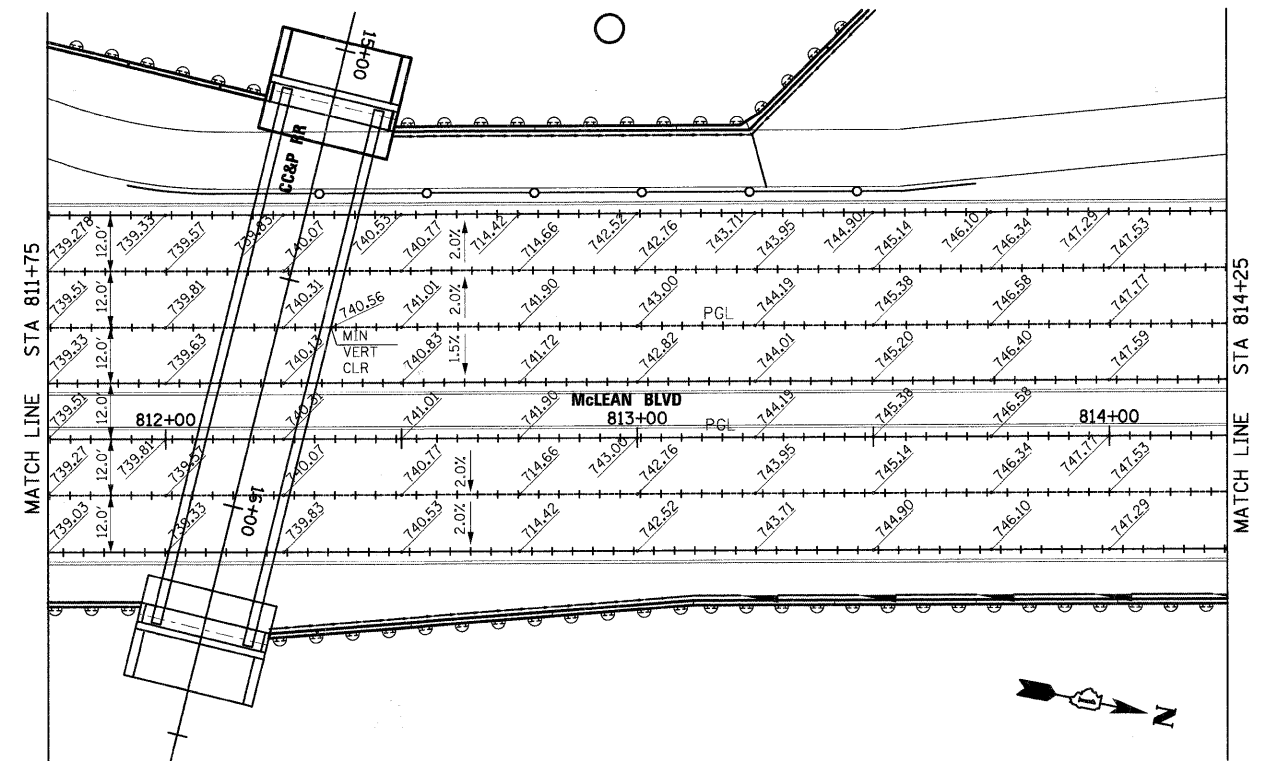


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	PLOT DATE = 3/29/2009	CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE 3/27/09	REVISED -									

SEE DRAWING NO. PJ-1
MATCH LINE STA 808+50



- NOTE:
1. ELEVATIONS ARE FOR INFORMATION ONLY CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.
 2. REFER TO STANDARDS 420001, 420101 AND 420106 FOR JOINT DETAILS.
 3. TRANSVERSE CONTRACTION JOINTS SHALL BE SPACED ACCORDING TO STANDARDS 420101 AND 420106.



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DATE - 3/27/09

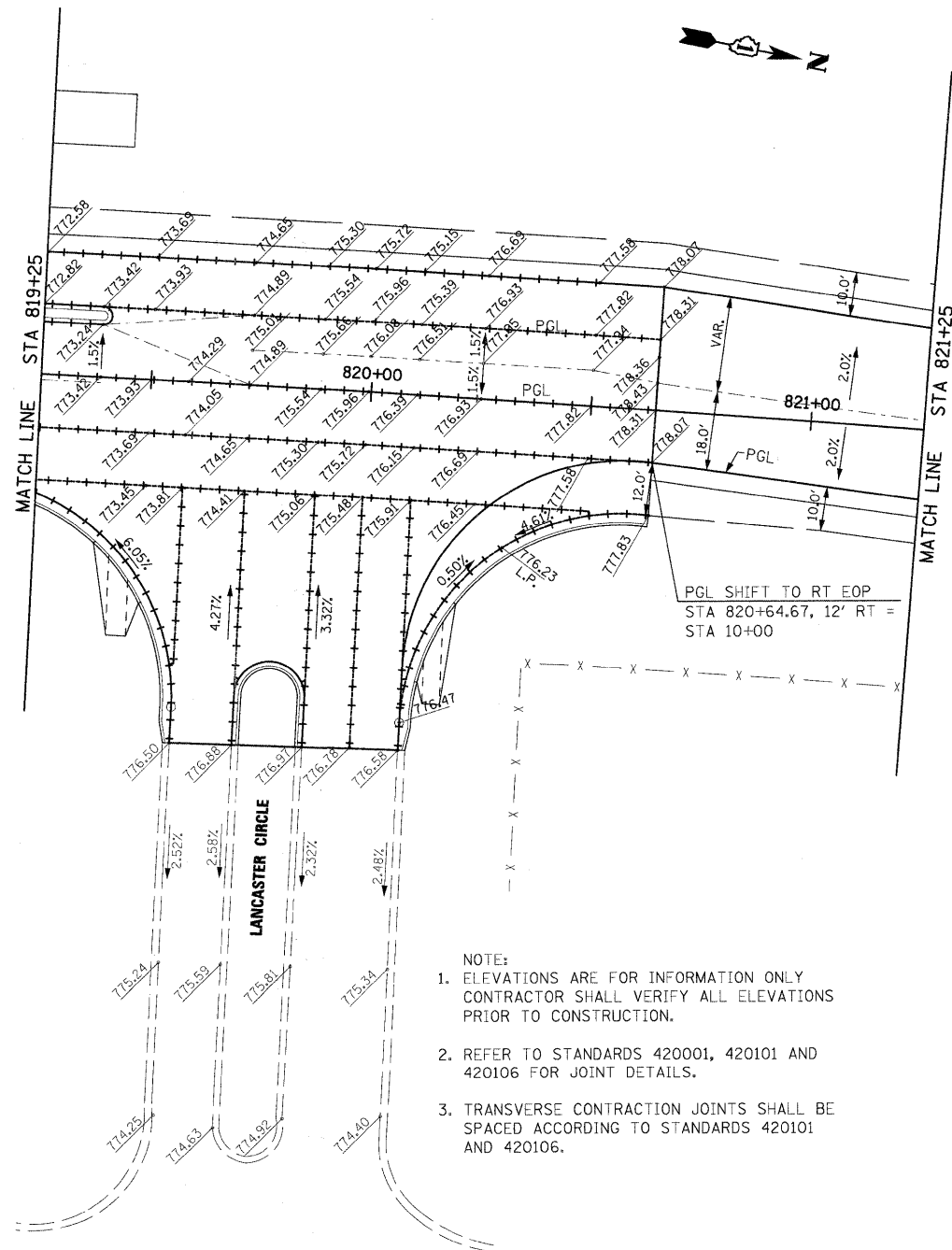
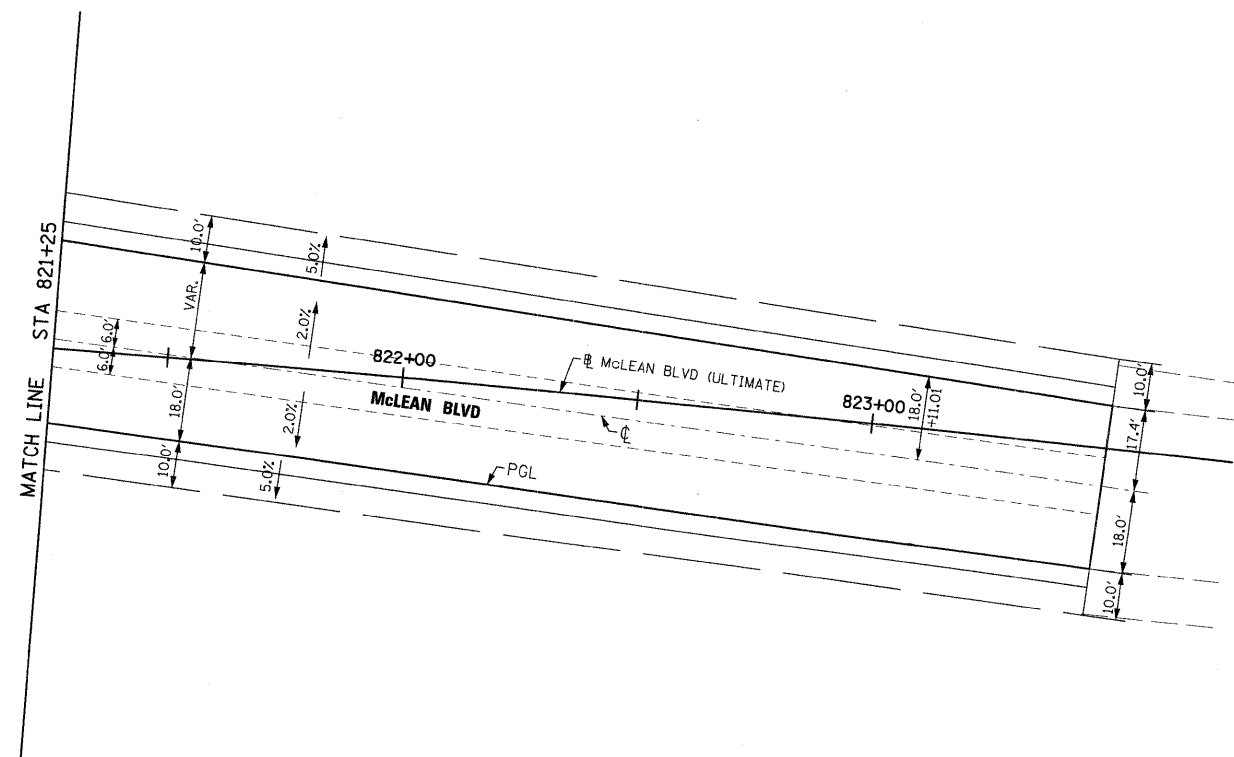
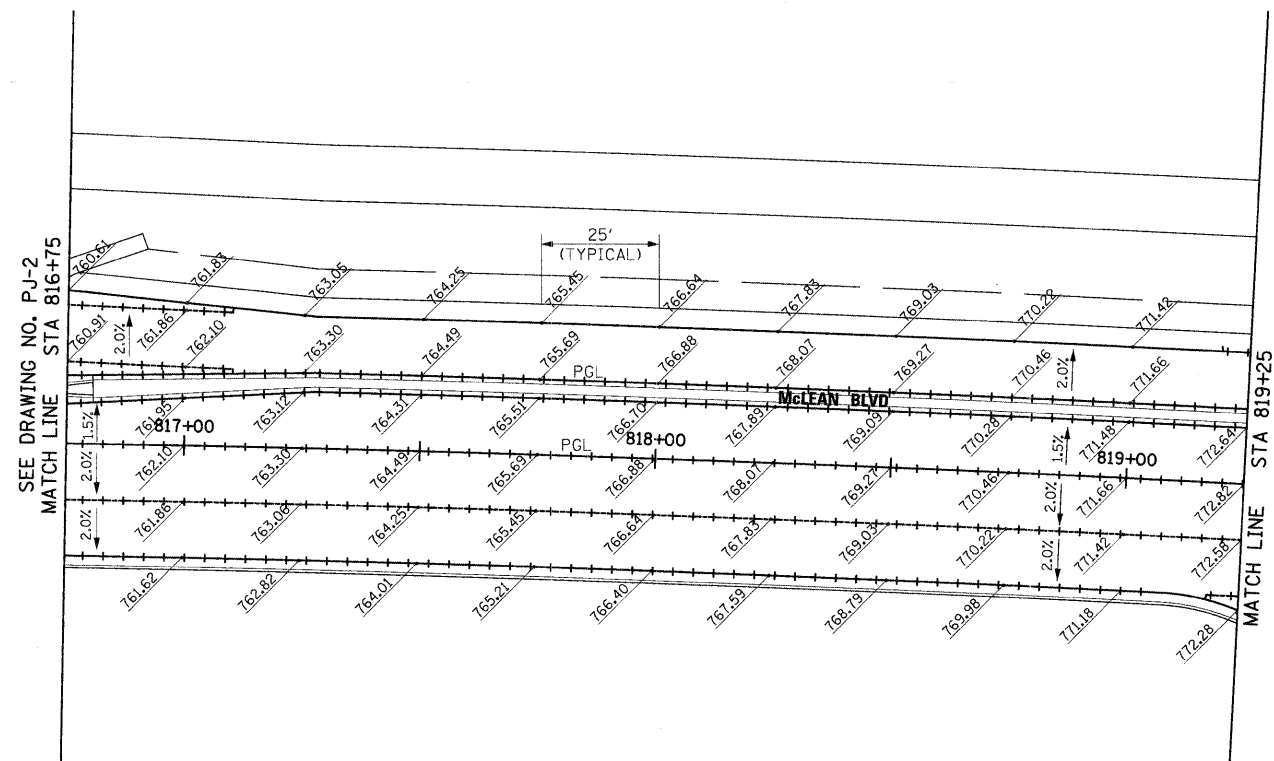
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**KANE COUNTY
DIVISION OF TRANSPORTATION**

**NEW STEARNS ROAD - STAGE 2
PAVEMENT JOINT DETAILS AND ELEVATIONS**

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

F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 61
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63073	



- NOTE:
1. ELEVATIONS ARE FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION.
 2. REFER TO STANDARDS 420001, 420101 AND 420106 FOR JOINT DETAILS.
 3. TRANSVERSE CONTRACTION JOINTS SHALL BE SPACED ACCORDING TO STANDARDS 420101 AND 420106.

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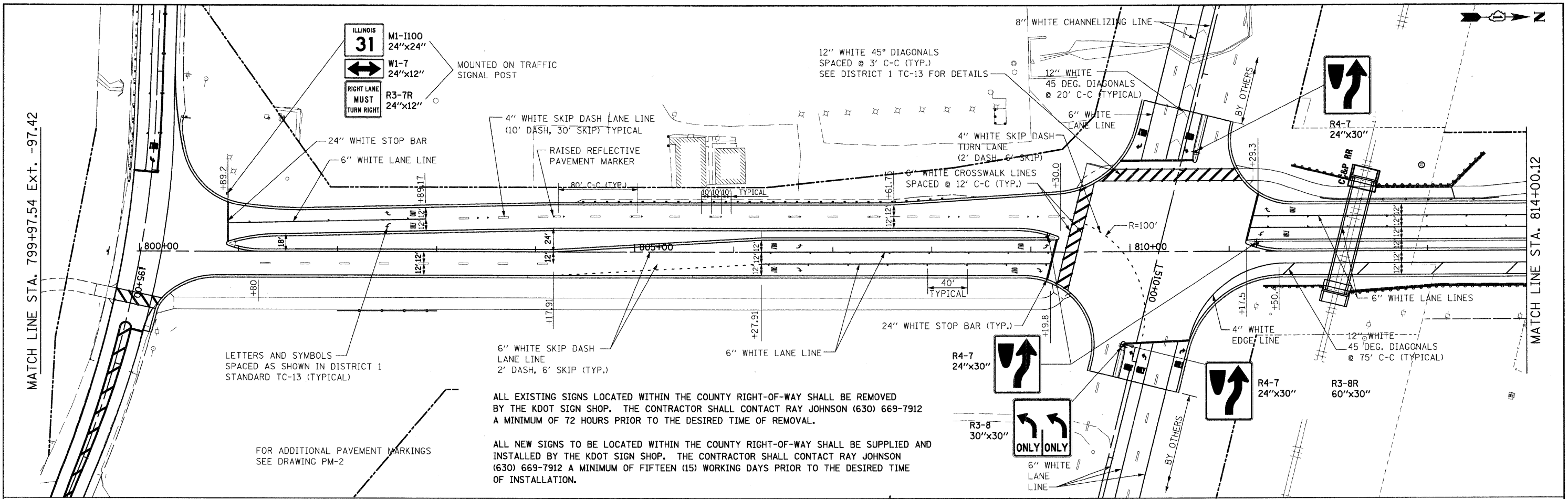
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**KANE COUNTY
 DIVISION OF TRANSPORTATION**

**NEW STEARNS ROAD - STAGE 2
 PAVEMENT JOINT DETAILS AND ELEVATIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	62
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63073	



MATCH LINE STA. 799+97.54 EXT. -97.42

MATCH LINE STA. 814+00.12

ILLINOIS
31
 M1-1100
 24"x24"
 W1-7
 24"x12"
 RIGHT LANE
 MUST
 TURN RIGHT
 R3-7R
 24"x12"

MOUNTED ON TRAFFIC SIGNAL POST

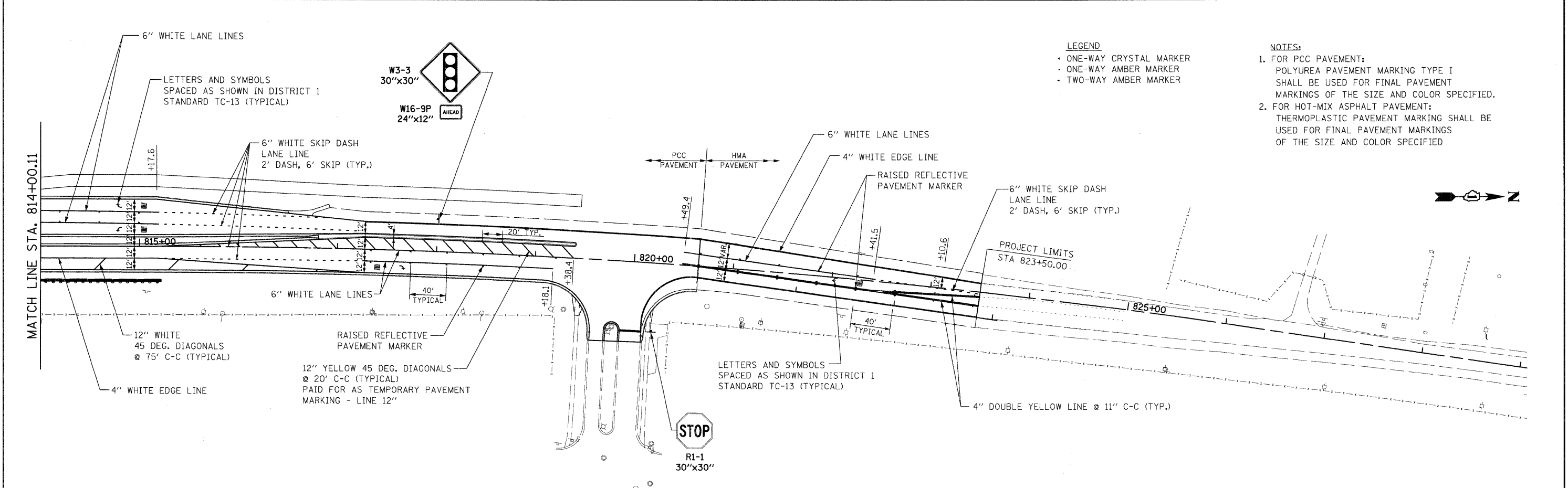
12" WHITE 45° DIAGONALS
 SPACED @ 3' C-C (TYP.)
 SEE DISTRICT 1 TC-13 FOR DETAILS

LETTERS AND SYMBOLS
 SPACED AS SHOWN IN DISTRICT 1
 STANDARD TC-13 (TYPICAL)

FOR ADDITIONAL PAVEMENT MARKINGS
 SEE DRAWING PM-2

ALL EXISTING SIGNS LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE REMOVED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF 72 HOURS PRIOR TO THE DESIRED TIME OF REMOVAL.

ALL NEW SIGNS TO BE LOCATED WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE SUPPLIED AND INSTALLED BY THE KDOT SIGN SHOP. THE CONTRACTOR SHALL CONTACT RAY JOHNSON (630) 669-7912 A MINIMUM OF FIFTEEN (15) WORKING DAYS PRIOR TO THE DESIRED TIME OF INSTALLATION.



MATCH LINE STA. 814+00.11

- LEGEND
- ONE-WAY CRYSTAL MARKER
 - ONE-WAY AMBER MARKER
 - TWO-WAY AMBER MARKER

- NOTES:
- FOR PCC PAVEMENT: POLYUREA PAVEMENT MARKING TYPE I SHALL BE USED FOR FINAL PAVEMENT MARKINGS OF THE SIZE AND COLOR SPECIFIED.
 - FOR HOT-MIX ASPHALT PAVEMENT: THERMOPLASTIC PAVEMENT MARKING SHALL BE USED FOR FINAL PAVEMENT MARKINGS OF THE SIZE AND COLOR SPECIFIED

LETTERS AND SYMBOLS
 SPACED AS SHOWN IN DISTRICT 1
 STANDARD TC-13 (TYPICAL)

W3-3
 30"x30"
 W16-9P
 24"x12"
 AHEAD

PCC PAVEMENT HMA PAVEMENT

12" WHITE 45 DEG. DIAGONALS @ 75' C-C (TYPICAL)

12" YELLOW 45 DEG. DIAGONALS @ 20' C-C (TYPICAL) PAID FOR AS TEMPORARY PAVEMENT MARKING - LINE 12"

LETTERS AND SYMBOLS
 SPACED AS SHOWN IN DISTRICT 1
 STANDARD TC-13 (TYPICAL)

STOP
 R1-1
 30"x30"

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 DRAWN -
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 PLOT DATE = 4/29/2009

DATE = 3/27/09

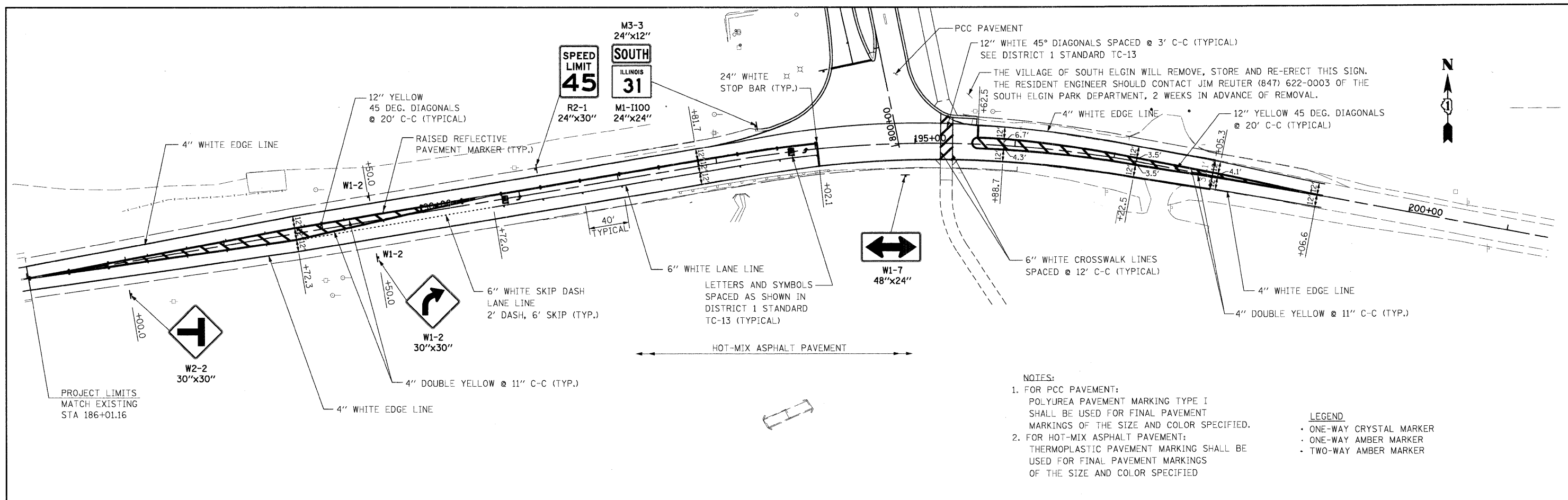
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN

SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	63
CONTRACT NO. 63073				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

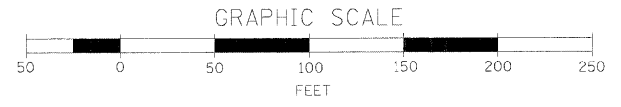
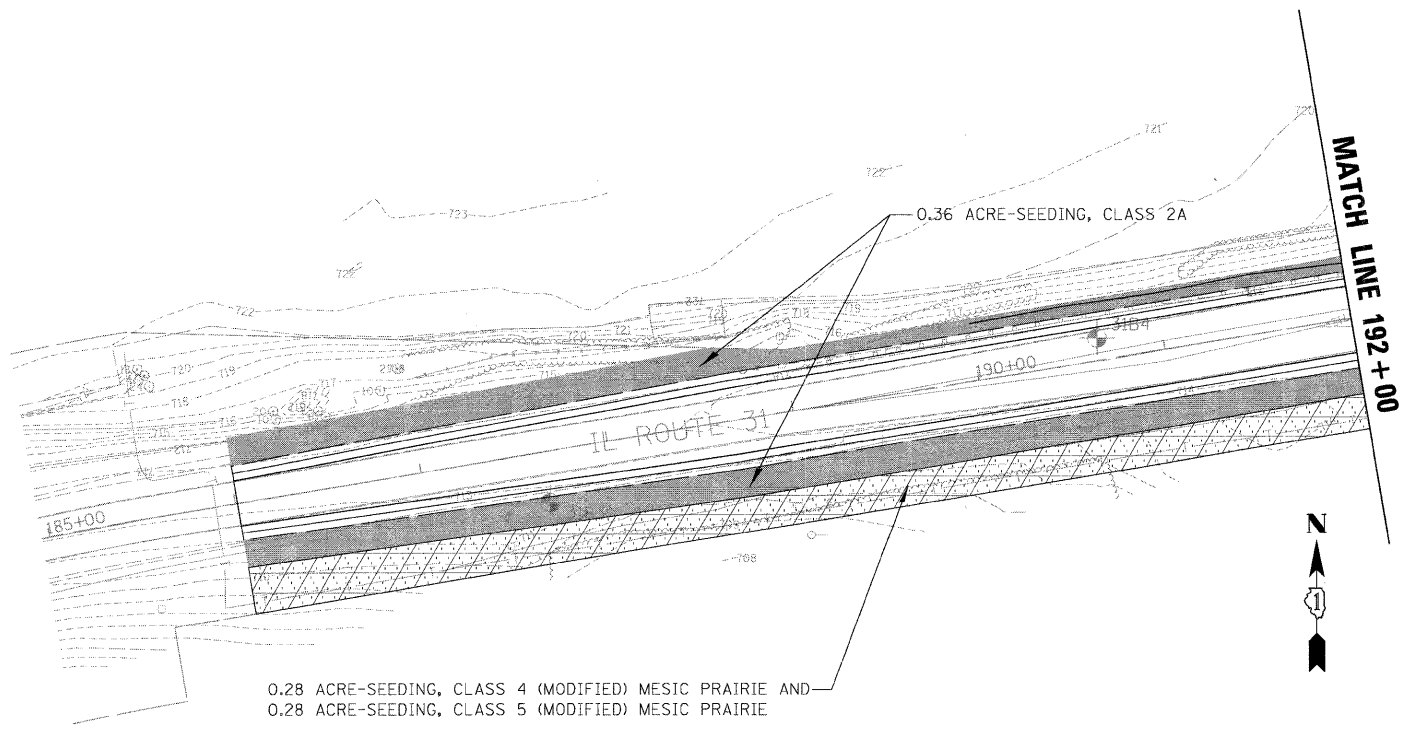
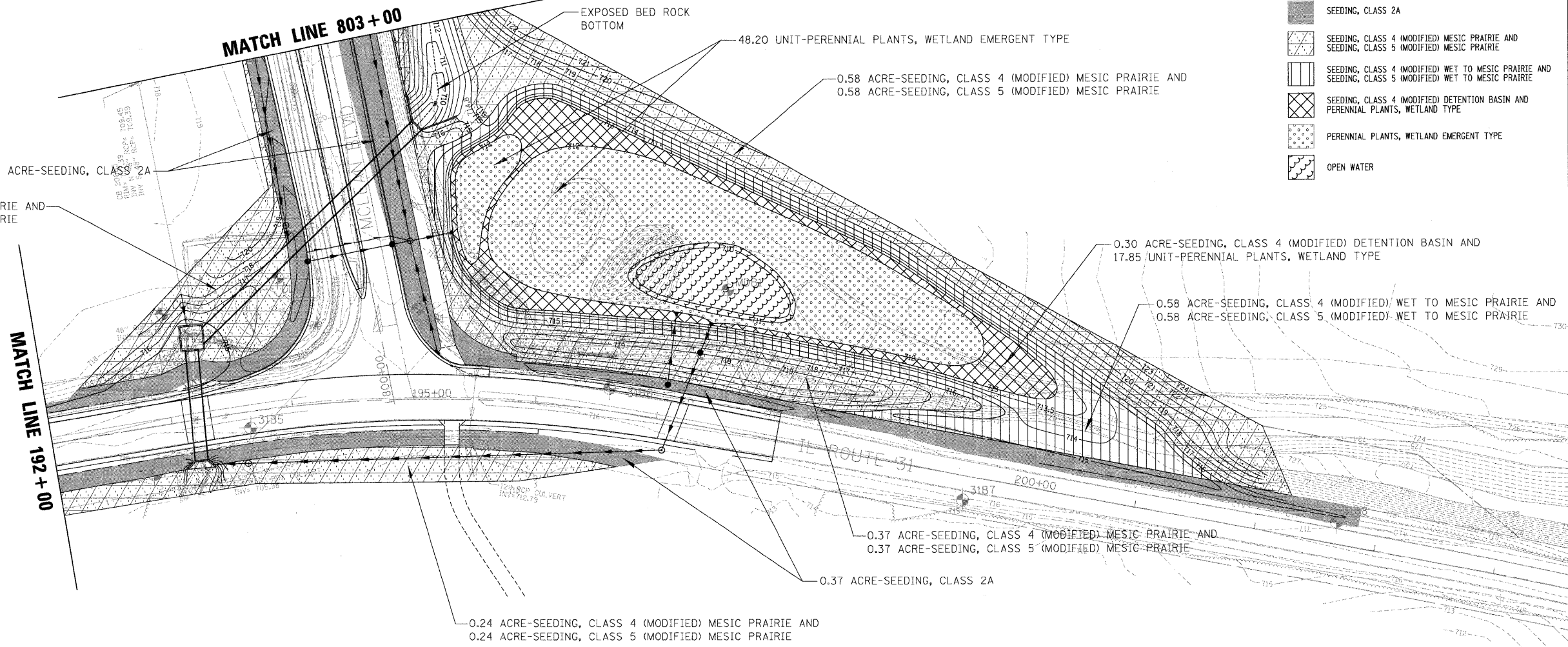


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PLOT SCALE = 1:50	CHECKED -	REVISED -	SCALE: 1"=50'			SHEET NO. OF SHEETS STA.	TO STA.	CONTRACT NO. 63073				
PLOT DATE = 3/30/2009	DATE = 3/27/09	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

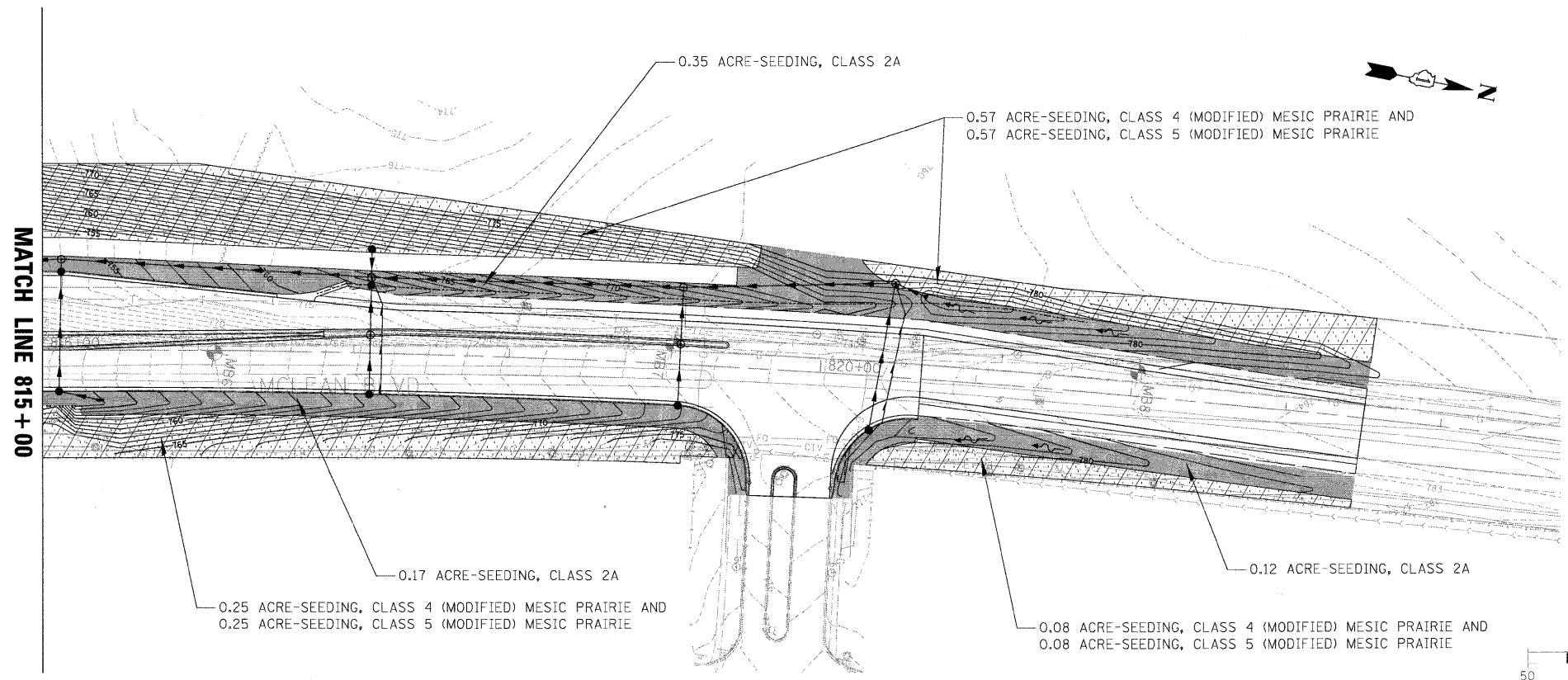
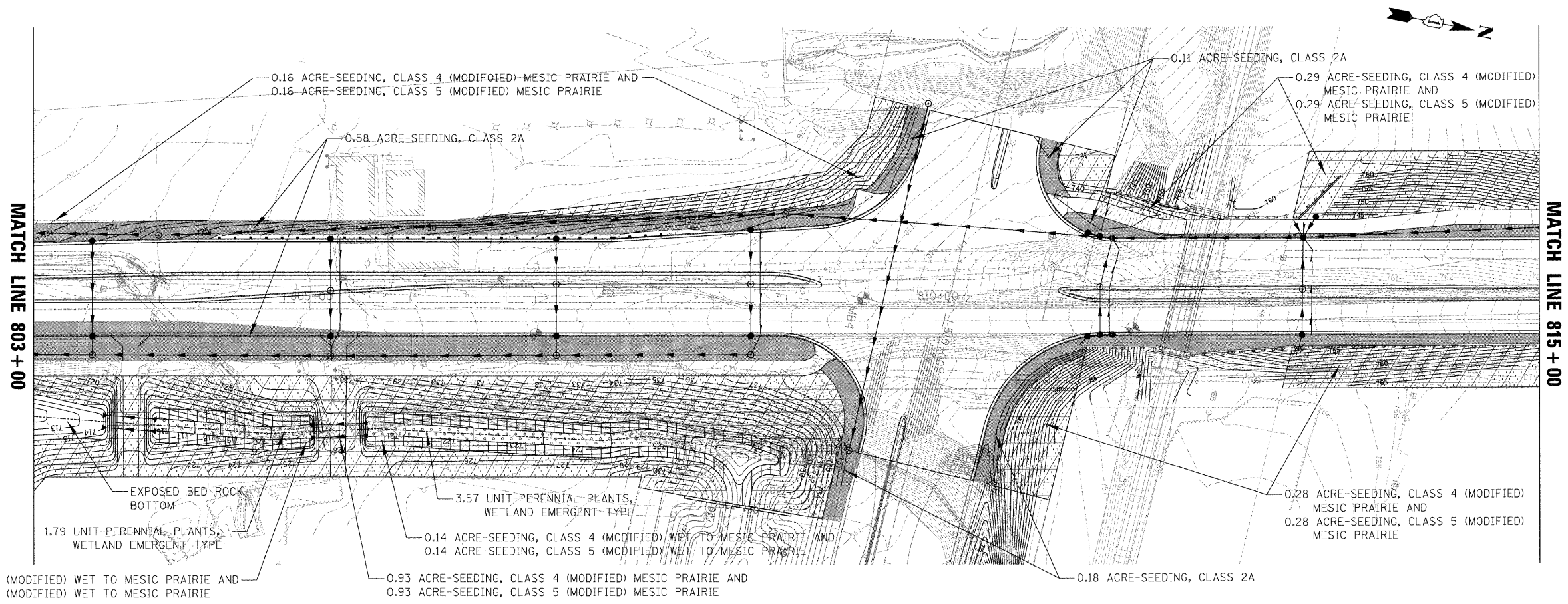


LEGEND

	SEEDING, CLASS 2A
	SEEDING, CLASS 4 (MODIFIED) MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) MESIC PRAIRIE
	SEEDING, CLASS 4 (MODIFIED) WET TO MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE
	SEEDING, CLASS 4 (MODIFIED) DETENTION BASIN AND PERENNIAL PLANTS, WETLAND TYPE
	PERENNIAL PLANTS, WETLAND EMERGENT TYPE
	OPEN WATER



FILE NAME = L.SP_07996_01.SHT	USER NAME = dvrmond	DESIGNED - LJL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 IL ROUTE 31 - LANDSCAPING PLAN			F.A.I. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 65
	PLOT SCALE = 50'	DRAWN - DJV	REVISED -		SCALE: 1" = 50'	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO.			
	PLOT DATE = 3/30/2009	CHECKED - JWW	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



LEGEND

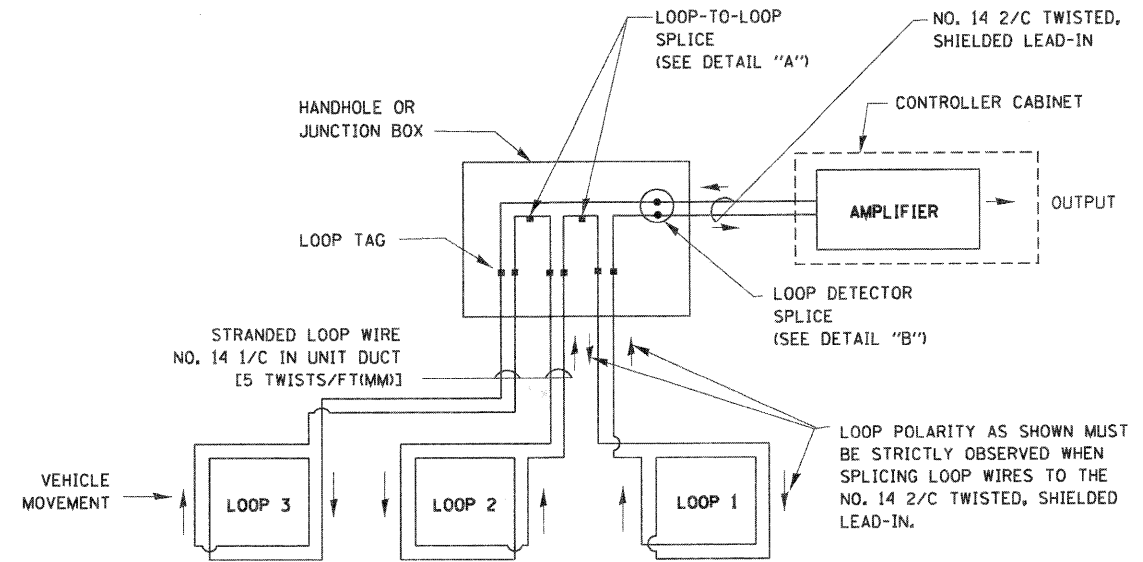
- SEEDING, CLASS 2A
- SEEDING, CLASS 4 (MODIFIED) MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) MESIC PRAIRIE
- SEEDING, CLASS 4 (MODIFIED) WET TO MESIC PRAIRIE AND SEEDING, CLASS 5 (MODIFIED) WET TO MESIC PRAIRIE
- SEEDING, CLASS 4 (MODIFIED) DETENTION BASIN AND PERENNIAL PLANTS, WETLAND TYPE
- PERENNIAL PLANTS, WETLAND EMERGENT TYPE
- OPEN WATER



FILE NAME = LSP_07996_02.SHT	USER NAME = dvrmond	DESIGNED - LJJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 McLEAN BOULEVARD - LANDSCAPING PLAN		F.A.J. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 66
	PLOT SCALE = 50'	CHECKED - DJV	REVISED -		SCALE: 1" = 50'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT			
PLOT DATE = 3/30/2009	DATE -	DATE -	REVISED -				CONTRACT NO.				

LOOP DETECTOR NOTES

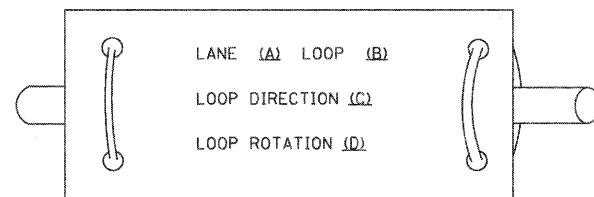
1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE UNIT DUCT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). UNIT DUCT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED 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.
3. 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.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. 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.
6. 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.
7. 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.



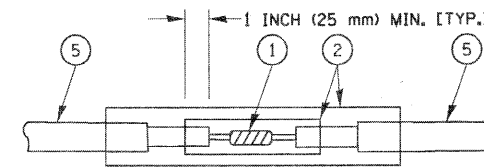
DETECTOR LOOP WIRING SCHEMATIC

- 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.

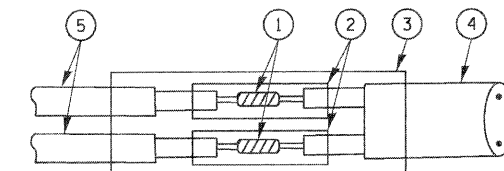
LOOP LEAD-IN CABLE TAG



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



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

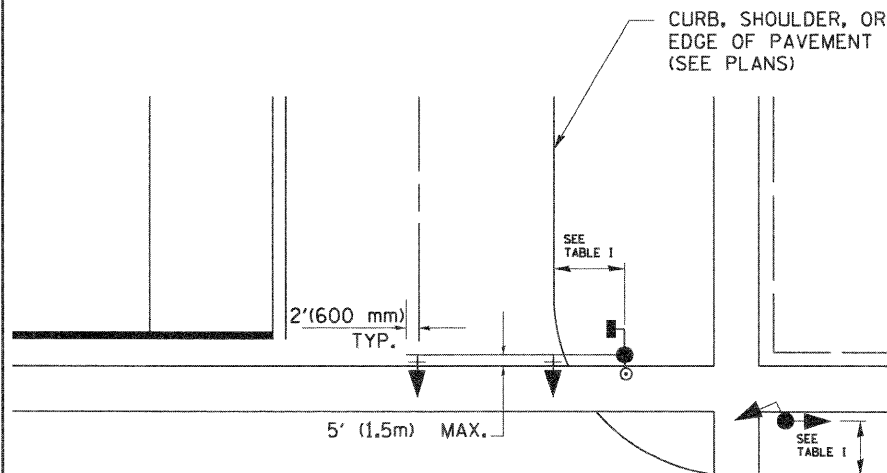
LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

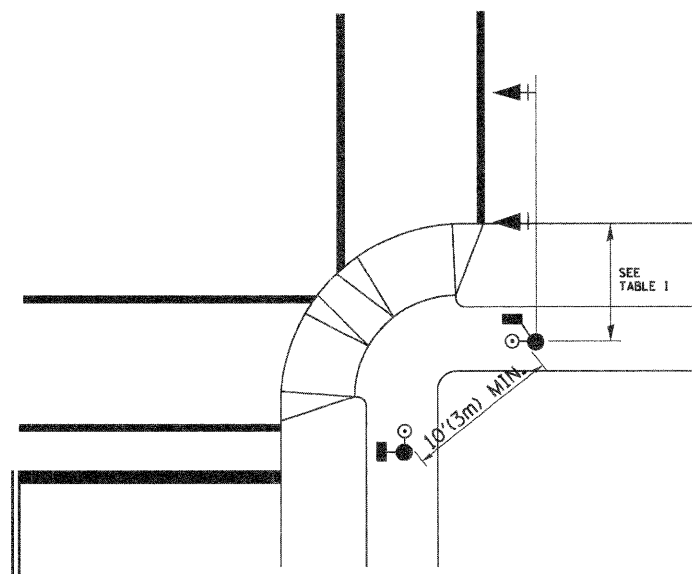
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	PLOT SCALE = 50.0000 ' / IN.	DRAWN - R.W.P.	REVISED - BUR. TRAFFIC 01-01-02		SCALE: NONE	SHEET NO. 1 OF 4 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 1/4/2008	CHECKED - D.A.Z.	DATE - 05-30-00	REVISED -				TS-05 CONTRACT NO. 63073					

TRAFFIC SIGNAL MAST ARM AND POST

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR



PEDESTRIAN SIGNAL PUSHBUTTON



RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

NOTES:

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION, EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.

AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.

PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:
 A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL-WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.
 B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.
 C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
 D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).
 E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

PEDESTRIAN SIGNAL POST

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

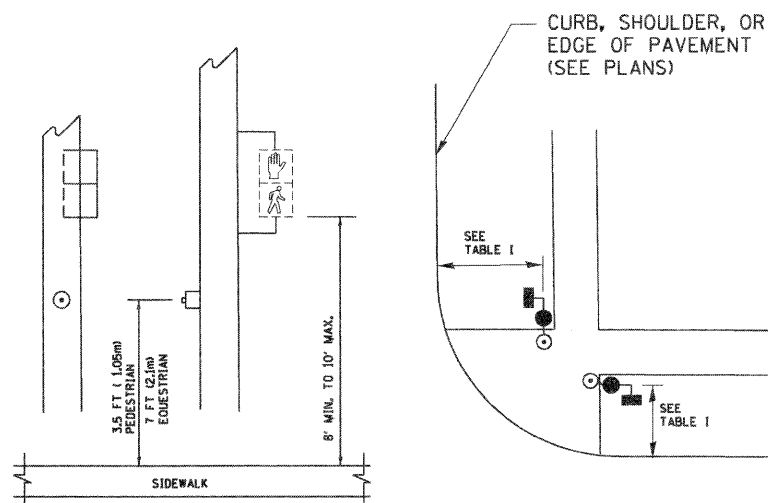


TABLE I

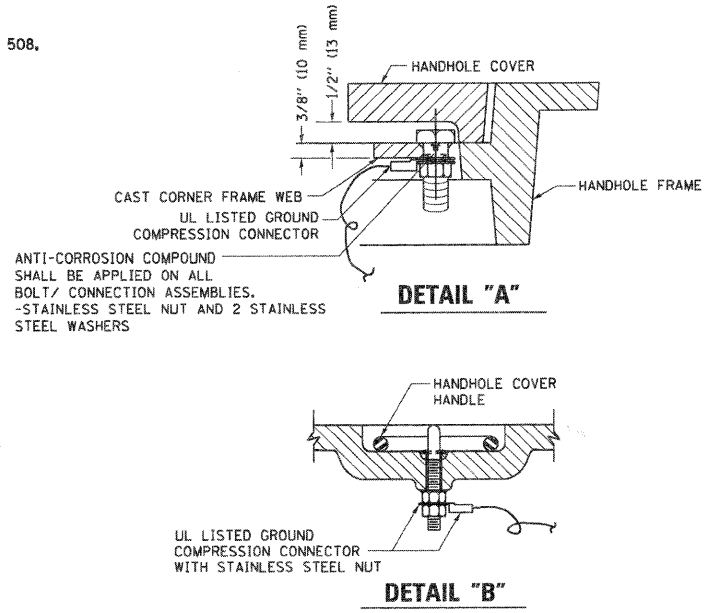
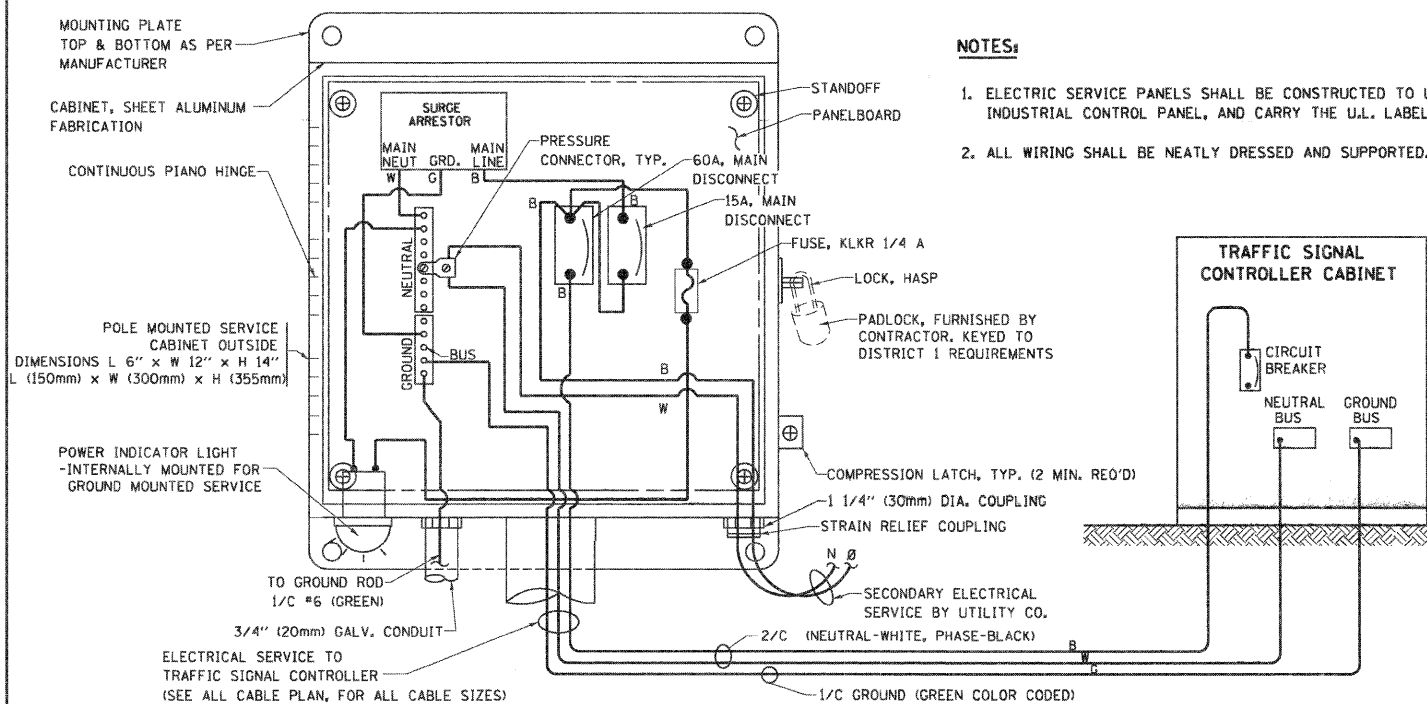
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

FILE NAME = W:\diststd\22x34\ts05.dgn	USER NAME = gaglianob	DESIGNED - D.A.D.	REVISED - BUR. TRAFFIC 01-01-02
		DRAWN - R.W.P.	REVISED -
		CHECKED - D.A.Z.	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

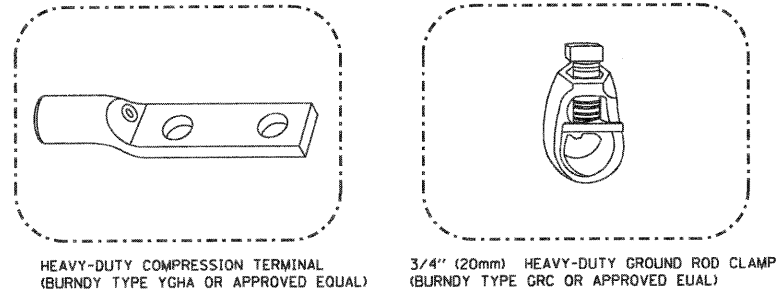
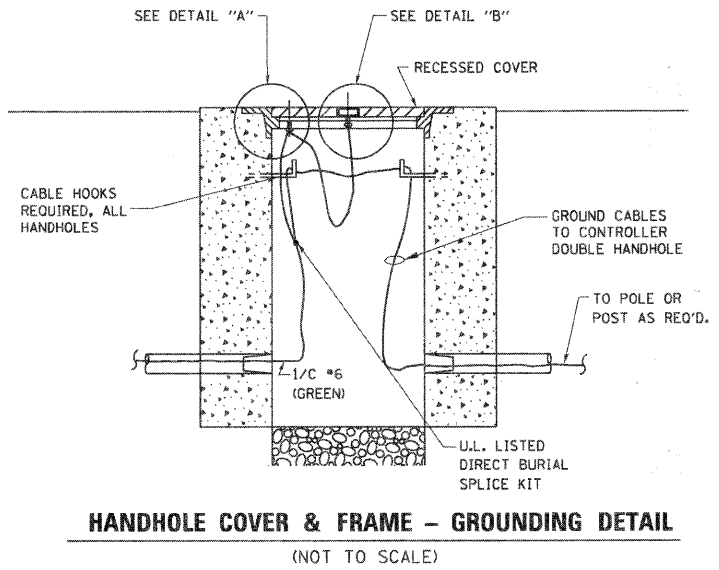
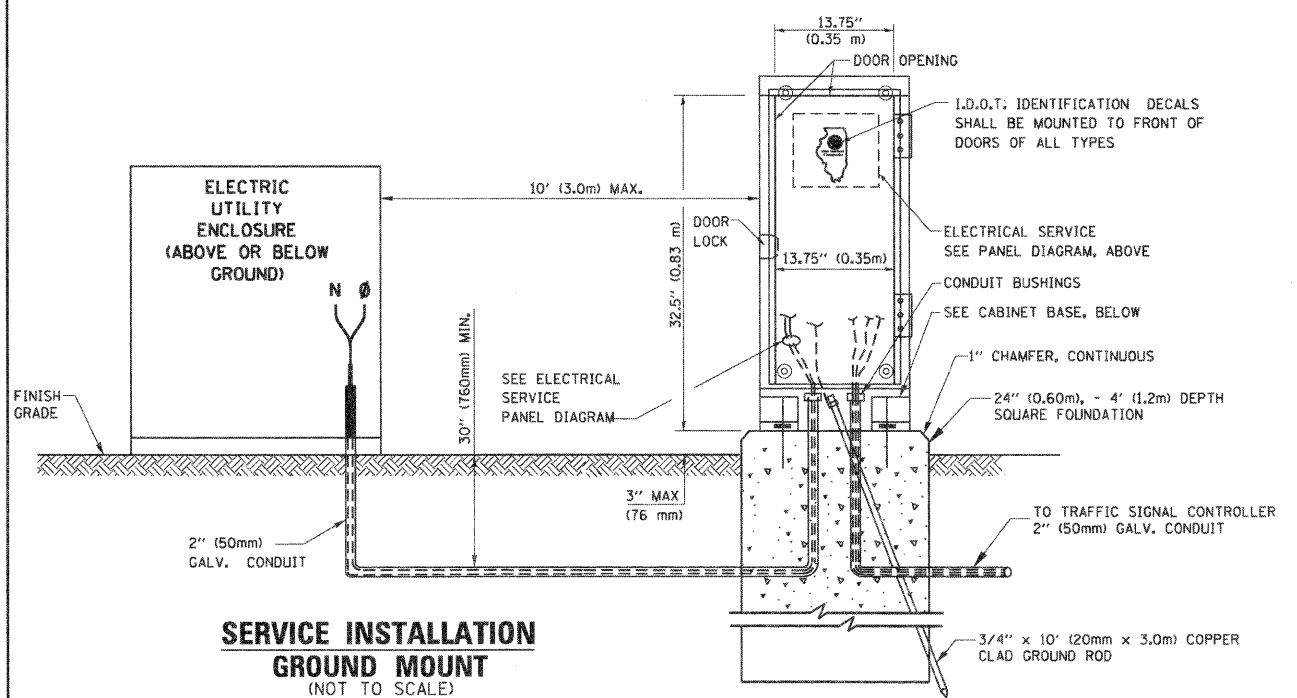
DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	68
TS-05			CONTRACT NO. 63073	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

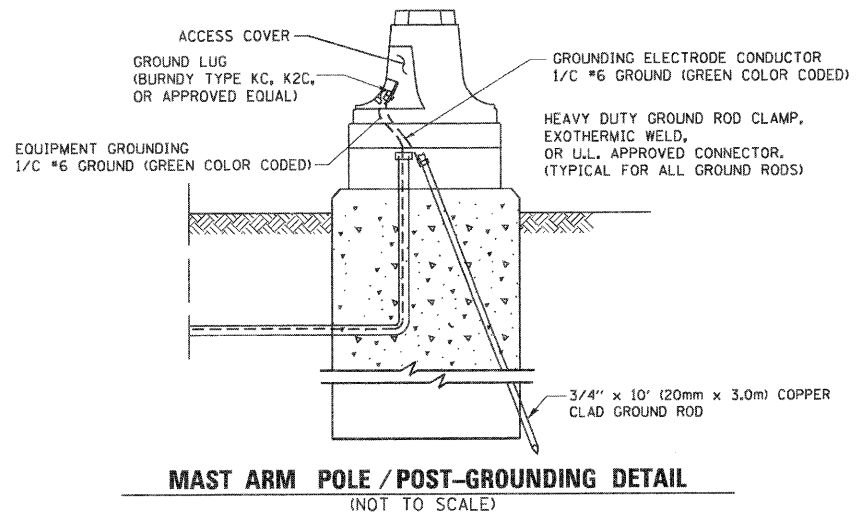
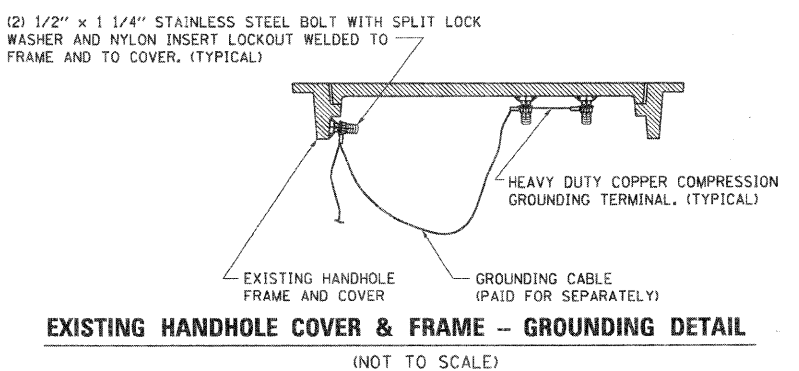
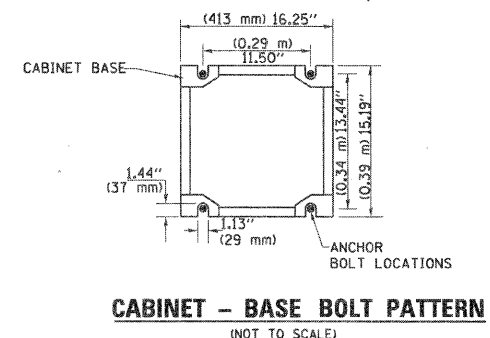


- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED 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.
 2. 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.
 3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
 4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

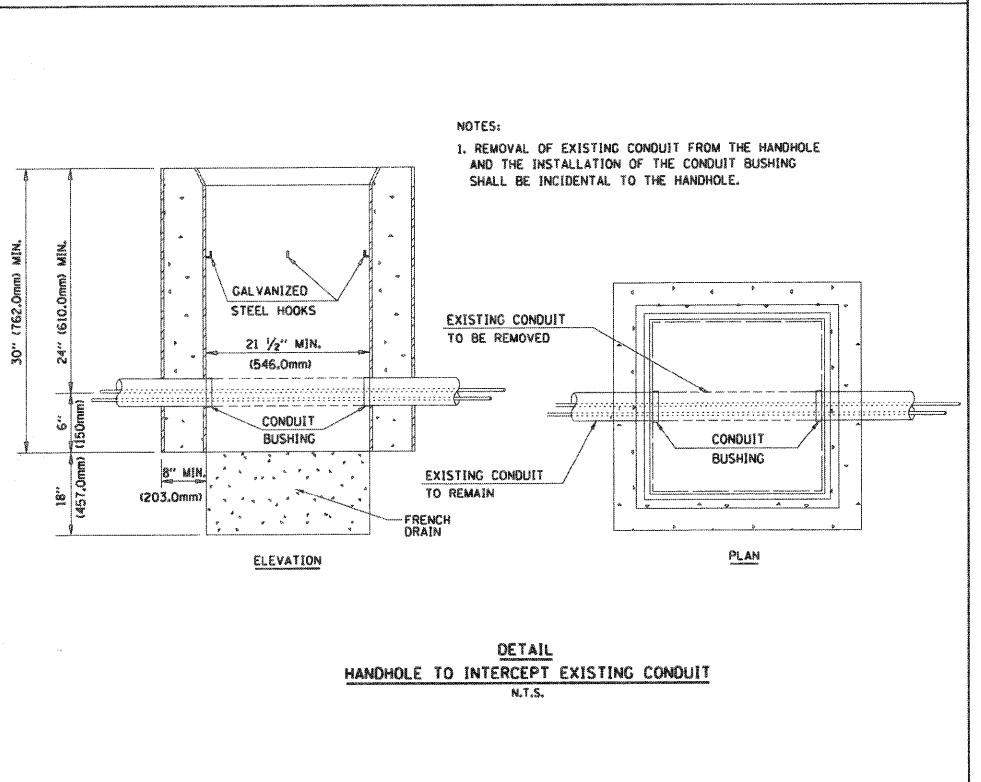
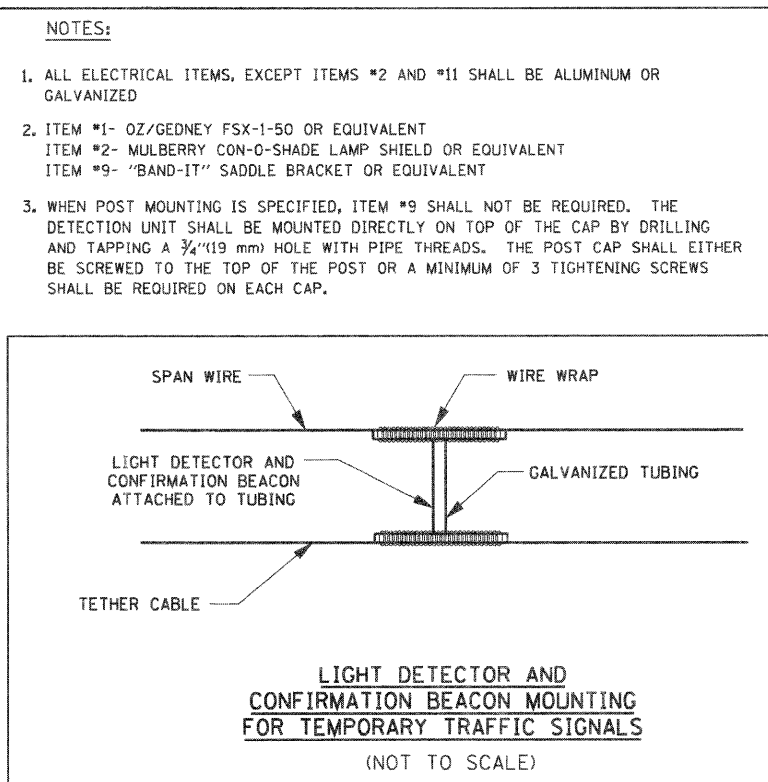
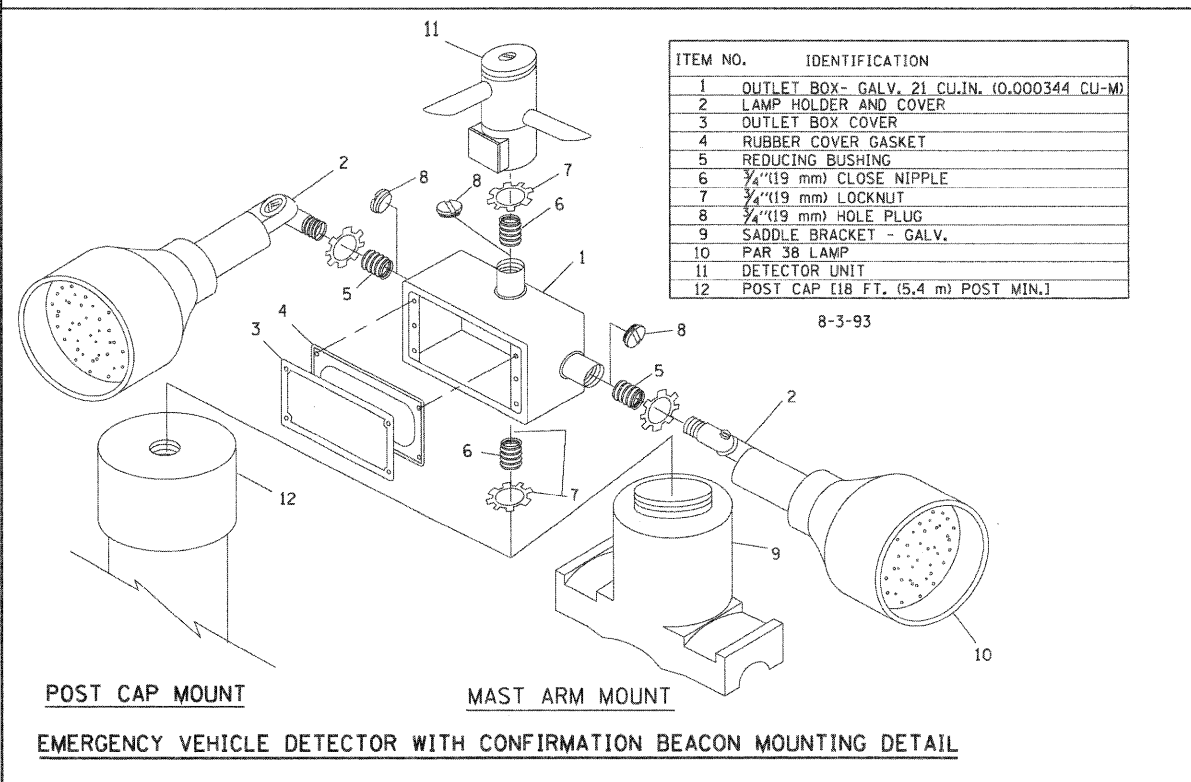
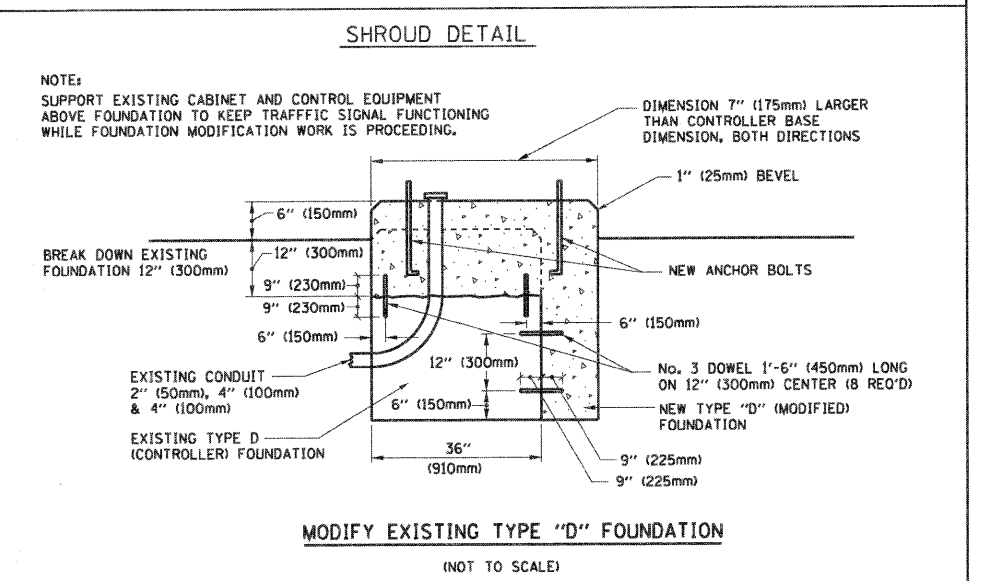
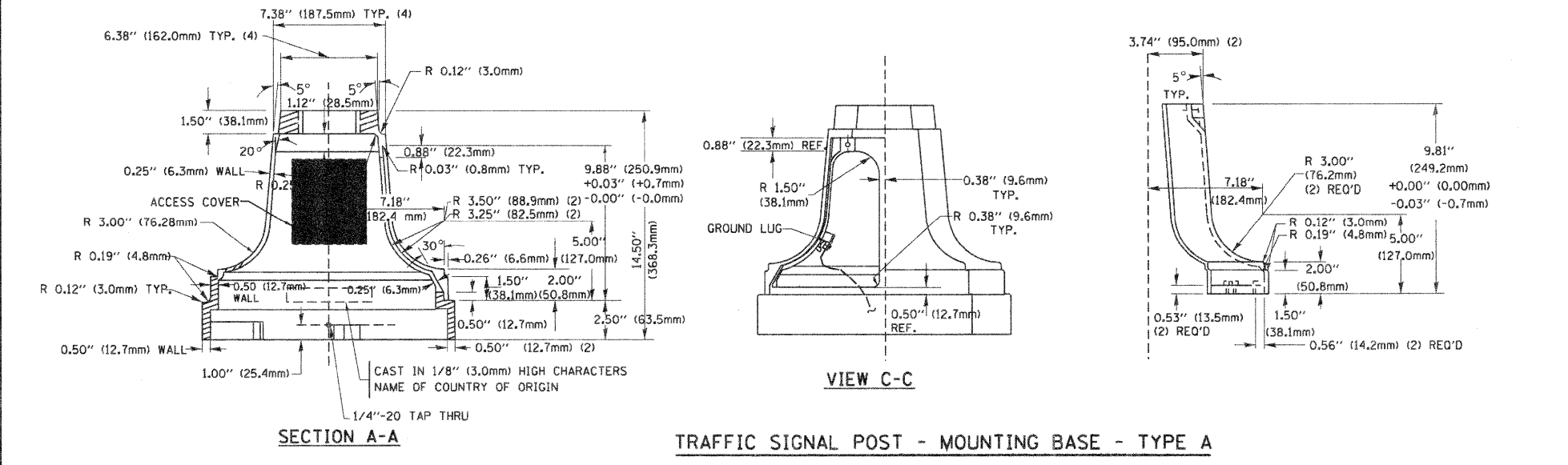
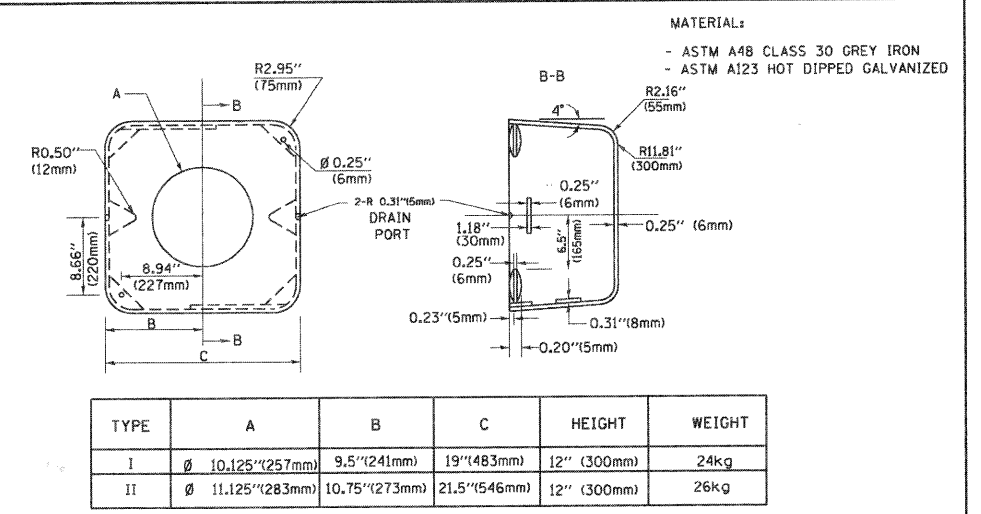
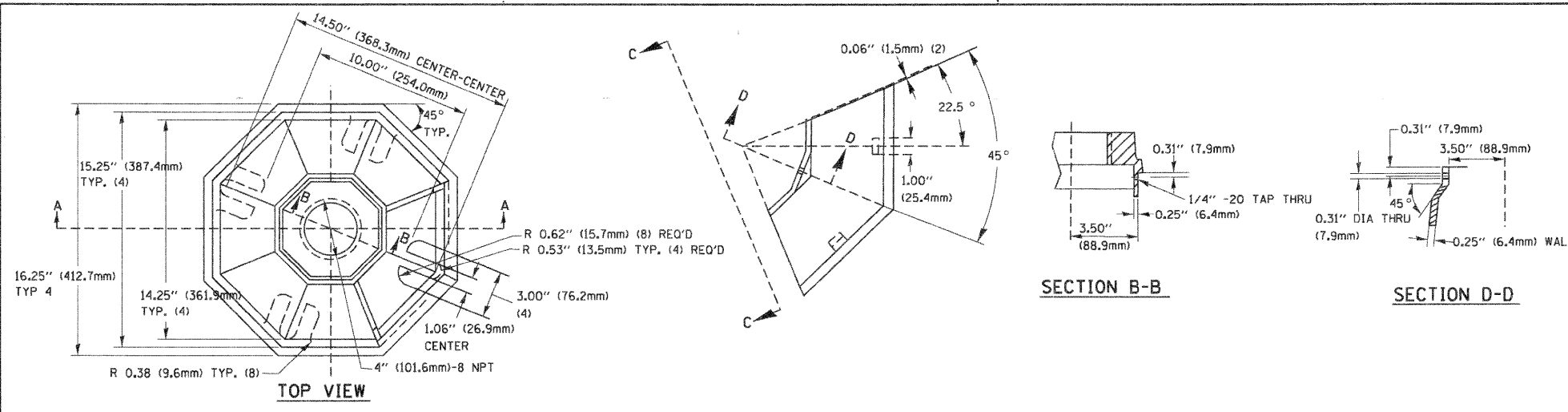
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)

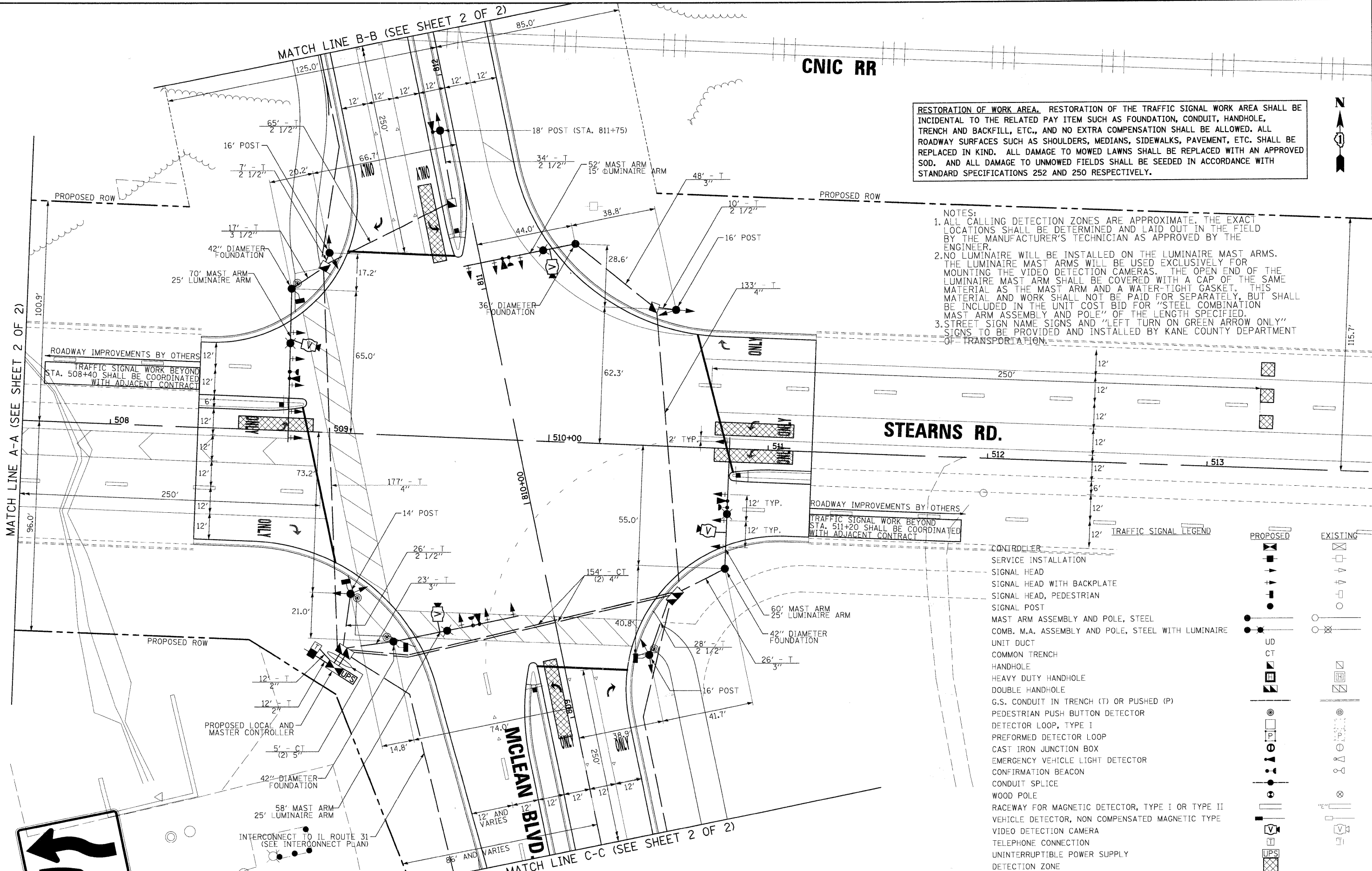


- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
 - 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
 - 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
 - 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND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



FILE NAME = W:\diststd\22x34\ts05.dgn	USER NAME = gaglianob	DESIGNED - D.A.D.	REVISED - 03-15-01	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 69
PLOT SCALE = 50.0000' / IN.	CHECKED - D.A.Z.	DATE - 05-30-00	REVISED - BUR. TRAFFIC 01-01-02		SCALE: NONE	SHEET NO. 3 OF 4 SHEETS	STA. TO STA.	TS-05		CONTRACT NO. 63073		
PLOT DATE = 1/4/2008	DATE - 05-30-00				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							





RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL 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.

- NOTES:**
1. ALL CALLING DETECTION ZONES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT IN THE FIELD BY THE MANUFACTURER'S TECHNICIAN AS APPROVED BY THE ENGINEER.
 2. NO LUMINAIRE WILL BE INSTALLED ON THE LUMINAIRE MAST ARMS. THE LUMINAIRE MAST ARMS WILL BE USED EXCLUSIVELY FOR MOUNTING THE VIDEO DETECTION CAMERAS. THE OPEN END OF THE LUMINAIRE MAST ARM SHALL BE COVERED WITH A CAP OF THE SAME MATERIAL AS THE MAST ARM AND A WATER-TIGHT GASKET. THIS MATERIAL AND WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT COST BID FOR "STEEL COMBINATION MAST ARM ASSEMBLY AND POLE" OF THE LENGTH SPECIFIED.
 3. STREET SIGN NAME SIGNS AND "LEFT TURN ON GREEN ARROW ONLY" SIGNS TO BE PROVIDED AND INSTALLED BY KANE COUNTY DEPARTMENT OF TRANSPORTATION.

MATCH LINE A-A (SEE SHEET 2 OF 2)

MATCH LINE B-B (SEE SHEET 2 OF 2)

MATCH LINE C-C (SEE SHEET 2 OF 2)

STEARNS RD.

MCLEAN BLVD.

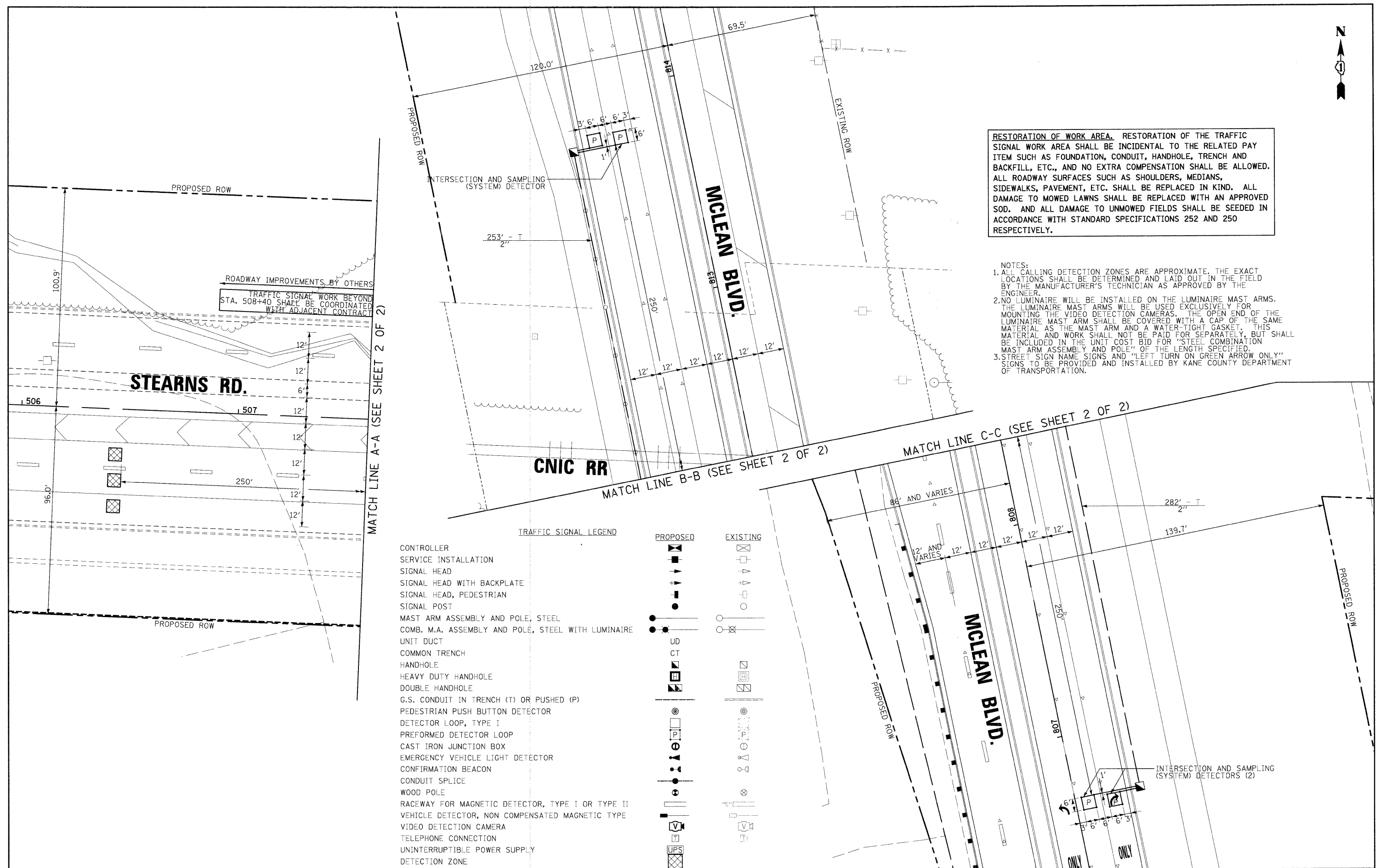
PROPOSED	EXISTING

FILE NAME = I:\Dgn\Civil\Sheet\td005.dgn	USER NAME = sthornton	DESIGNED - MJT	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 TRAFFIC SIGNAL PLAN - STEARNS RDMCLEAN BLVD	F.A.P. R.T.E. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 71	
PLOT SCALE = 1:20	CHECKED - TMT	REVISED -	REVISED -			SCALE: 1" = 20'		SHEET NO. 1 OF 2 SHEETS		STA. TO STA.	
PLOT DATE = 3/27/09	DATE - 3/27/09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 63073			



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL 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 SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

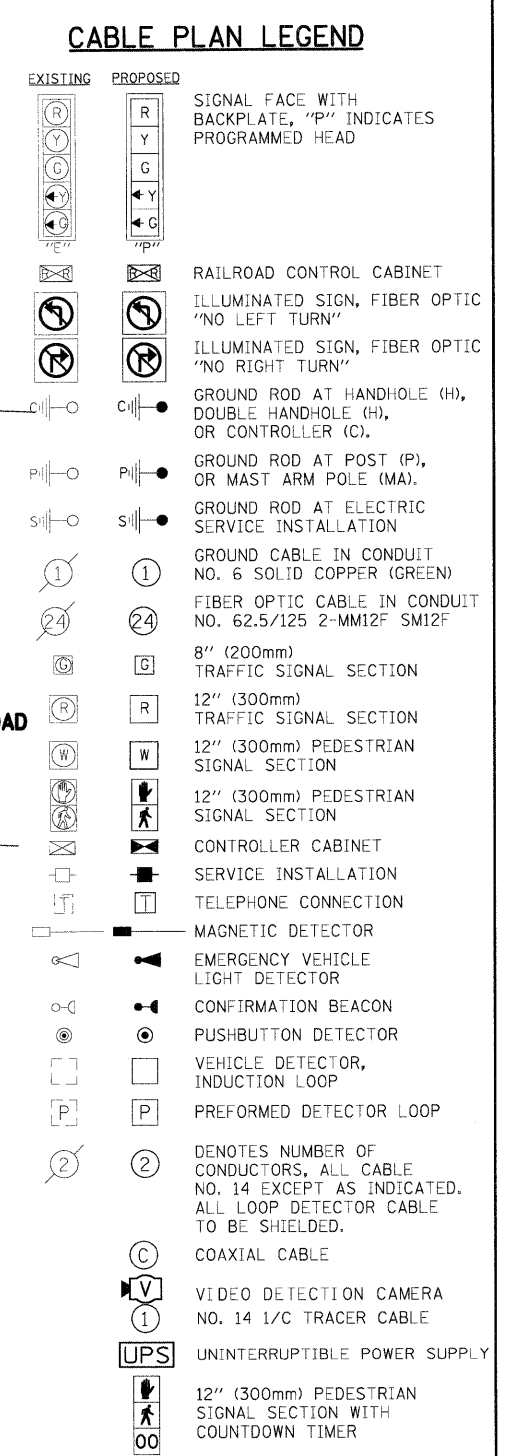
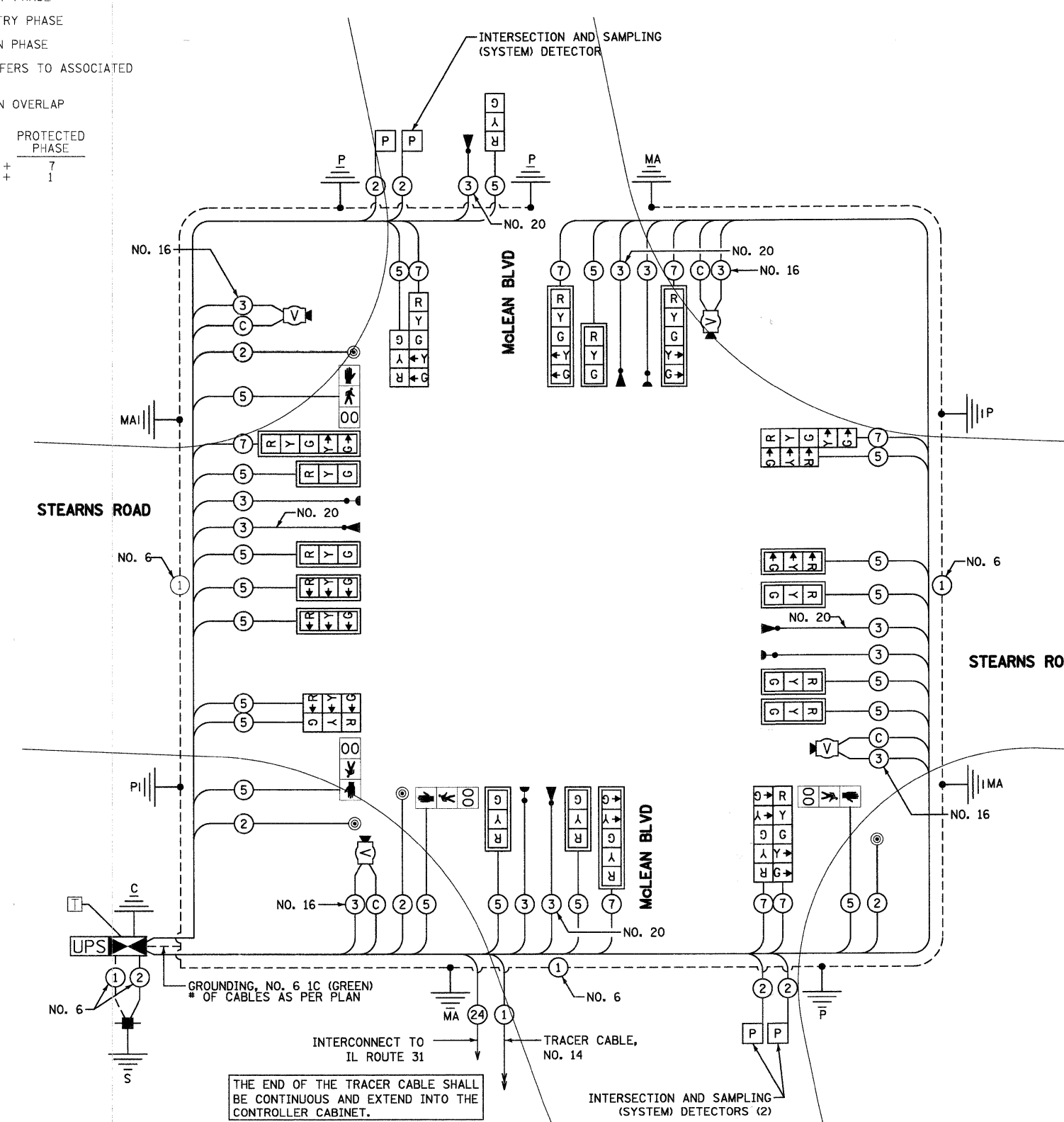
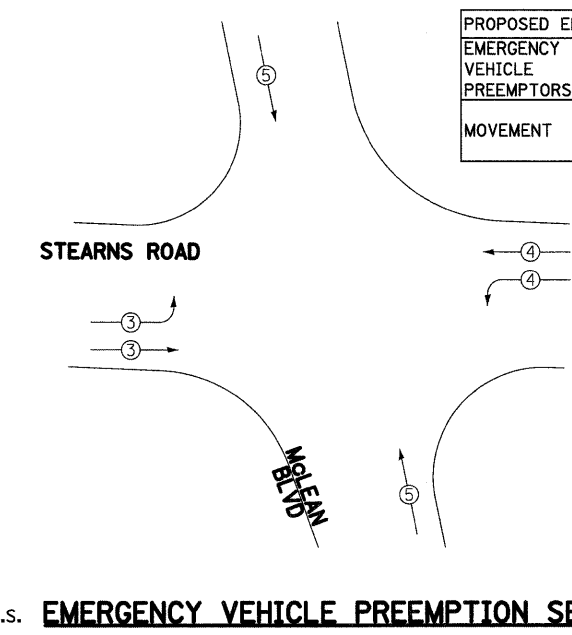
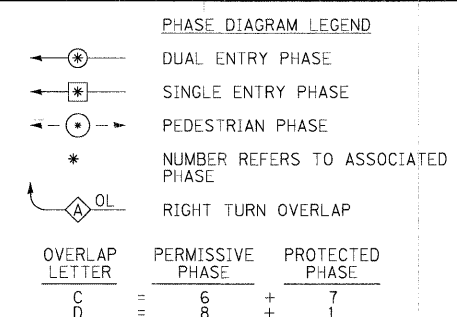
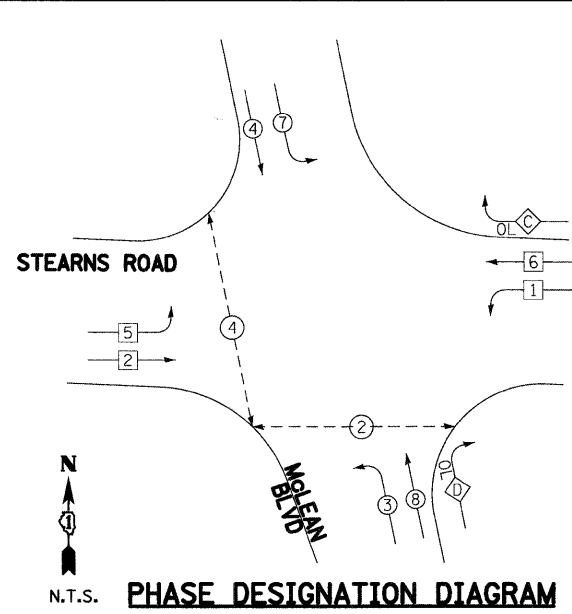
- NOTES:**
1. ALL CALLING DETECTION ZONES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED AND LAID OUT IN THE FIELD BY THE MANUFACTURER'S TECHNICIAN AS APPROVED BY THE ENGINEER.
 2. NO LUMINAIRE WILL BE INSTALLED ON THE LUMINAIRE MAST ARMS. THE LUMINAIRE MAST ARMS WILL BE USED EXCLUSIVELY FOR MOUNTING THE VIDEO DETECTION CAMERAS. THE OPEN END OF THE LUMINAIRE MAST ARM SHALL BE COVERED WITH A CAP OF THE SAME MATERIAL AS THE MAST ARM AND A WATER-TIGHT GASKET. THIS MATERIAL AND WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT COST BID FOR "STEEL COMBINATION MAST ARM ASSEMBLY AND POLE" OF THE LENGTH SPECIFIED.
 3. STREET SIGN NAME SIGNS AND "LEFT TURN ON GREEN ARROW ONLY" SIGNS TO BE PROVIDED AND INSTALLED BY KANE COUNTY DEPARTMENT OF TRANSPORTATION.



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER	[Symbol]	[Symbol]
SERVICE INSTALLATION	[Symbol]	[Symbol]
SIGNAL HEAD	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE	[Symbol]	[Symbol]
SIGNAL HEAD, PEDESTRIAN	[Symbol]	[Symbol]
SIGNAL POST	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL	[Symbol]	[Symbol]
COMB. M.A. ASSEMBLY AND POLE, STEEL WITH LUMINAIRE	[Symbol]	[Symbol]
UNIT DUCT	[Symbol]	[Symbol]
COMMON TRENCH	[Symbol]	[Symbol]
HANDHOLE	[Symbol]	[Symbol]
HEAVY DUTY HANDHOLE	[Symbol]	[Symbol]
DOUBLE HANDHOLE	[Symbol]	[Symbol]
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)	[Symbol]	[Symbol]
PEDESTRIAN PUSH BUTTON DETECTOR	[Symbol]	[Symbol]
DETECTOR LOOP, TYPE I	[Symbol]	[Symbol]
PREFORMED DETECTOR LOOP	[Symbol]	[Symbol]
CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
EMERGENCY VEHICLE LIGHT DETECTOR	[Symbol]	[Symbol]
CONFIRMATION BEACON	[Symbol]	[Symbol]
CONDUIT SPLICE	[Symbol]	[Symbol]
WOOD POLE	[Symbol]	[Symbol]
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]	[Symbol]
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	[Symbol]	[Symbol]
VIDEO DETECTION CAMERA	[Symbol]	[Symbol]
TELEPHONE CONNECTION	[Symbol]	[Symbol]
UNINTERRUPTIBLE POWER SUPPLY	[Symbol]	[Symbol]
DETECTION ZONE	[Symbol]	[Symbol]

FILE NAME = I:\Dgn\Civil\Sheet\td006.dgn	USER NAME = tthornton	DESIGNED - MJT	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 TRAFFIC SIGNAL PLAN - STEARNS RDMCLEAN BLVD	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 72		
PLOT SCALE = 1:20	CHECKED - TMT	DATE - 3/27/09	REVISED -			SCALE: 1" = 20'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 63073			
PLOT DATE = 3/29/2009	DATE - 3/27/09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCANDESCENT	LED	% OPERATION	
SIGNAL (RED)	24	135	17	0.50	204.0
(YELLOW)	24	135	25	0.25	150.0
(GREEN)	24	135	15	0.25	90.0
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	4	90	25	1.00	100.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN	0	84	35	0.05	0.0
VIDEO SYSTEM	1		150	1.00	150.0
UPS	1		25	1.00	25.0
FLASHER	0		25	0.50	0.0
ENERGY COST TO:				TOTAL =	838.2

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C - CONT. & UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2= (6m+L-0.6m=)
D - CONTROLLER	4 (1.2)	SIGNAL POST	2 (0.6)	BRACKET MOUNTED	13 (4.0)
E - M. ARM POLE		CONTROLLER CAB.	1 (0.3)	PED. PUSHBUTTON	4 (1.2)
		24" (600MM)	10 (3.0)	FIBER OPTIC	13 (4.0)
		30" (750MM)	15 (4.6)	ELECTRIC SERVICE	1 (0.3)
		36" (900MM)	15 (4.6)	SERVICE TO GROUND	13.5 (4.1)
		42" (1060MM)	25 (7.6)	GROUND CABLE	1 (0.3)
				POST MOUNTED	6 (1.8)

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: MARTY RUBIN
 PHONE: 847-608-2400
 COMPANY: COMMONWEALTH EDISON

FILE NAME = I:\Dgn\Civil\Sheet\td07.dgn
 USER NAME = sthornton
 DESIGNED - MJT
 DRAWN - MJT
 CHECKED - TMT
 PLOT DATE = 3/29/2009
 DATE - 3/27/09

KANE COUNTY
 DIVISION OF TRANSPORTATION

NEW STEARNS ROAD - STAGE 2
 TRAFFIC SIGNAL CABLE PLAN - STEARNS RDMCLEAN BLVD
 SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	73
CONTRACT NO. 63073				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

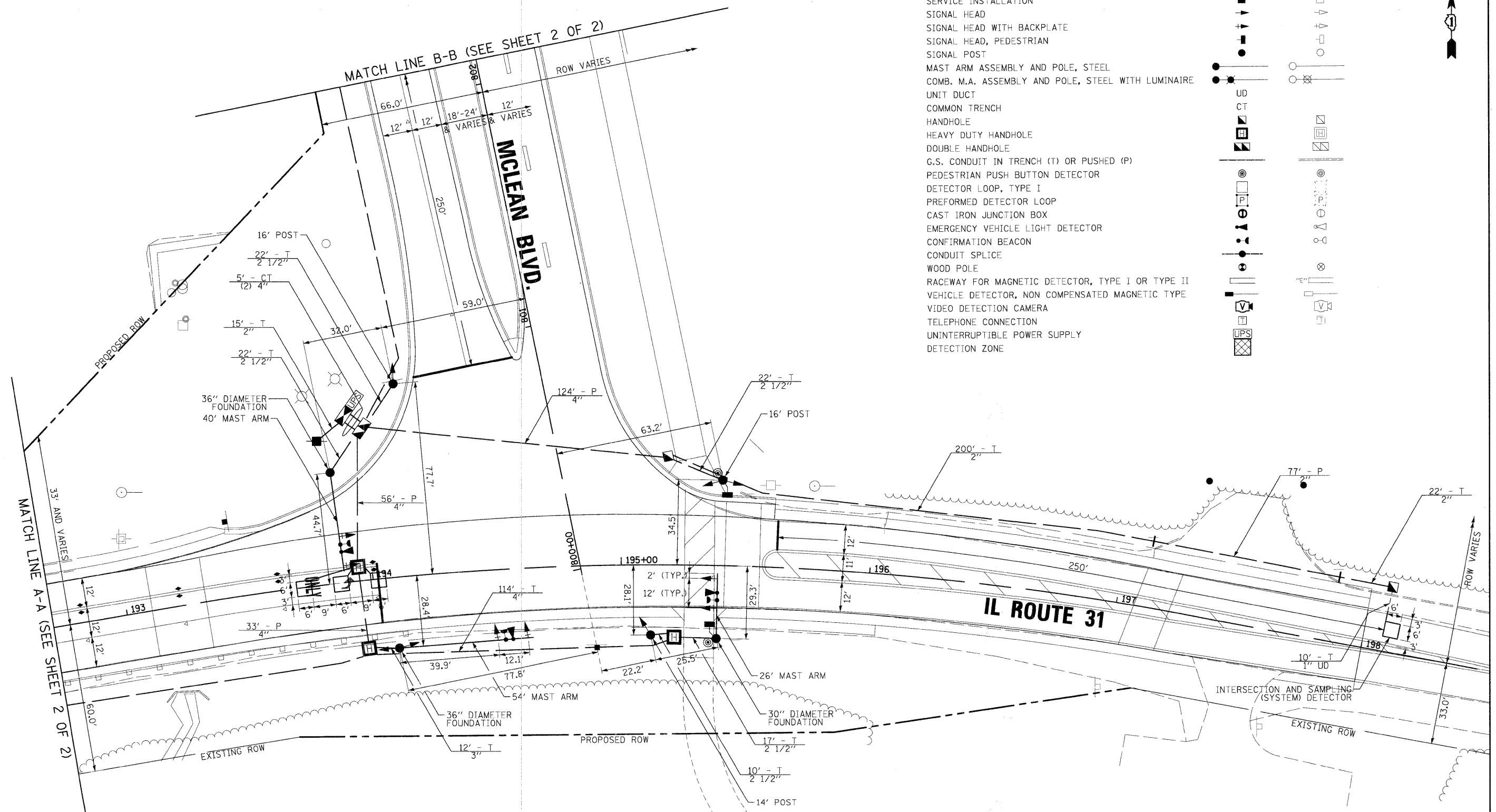
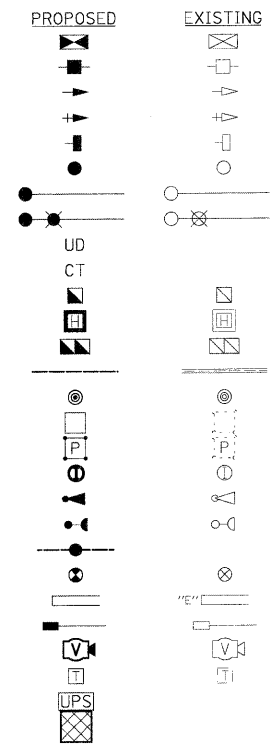
SCHEDULE OF QUANTITIES

CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	559
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	170
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	97
CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FOOT	17
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	618
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10
HANDHOLE	EACH	5
DOUBLE HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	777
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
MASTER CONTROLLER	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	573
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1195
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4830
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2410
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1887
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	31
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 COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 60 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 70 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	20
CONCRETE FOUNDATION, TYPE D	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	75
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	11
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	15
INDUCTIVE LOOP DETECTOR	EACH	4
LIGHT DETECTOR	EACH	5
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	4
PREFORMED DETECTOR LOOP	FOOT	156
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTIBLE POWER SUPPLY (SPECIAL KDOT)	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	907
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1525
VIDEO DETECTION SYSTEM COMPLETE INTERSECTION	EACH	1

FILE NAME = I:\Dgn\Civil\Sheet\td808.dgn	USER NAME = tthernton	DESIGNED - MJT	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 STEARNS RD/MCLEAN BLVD TRAFFIC SIGNAL SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1:20	CHECKED - TMT	REVISED -	361			06-00214-10-BR	KANE	219	74	
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -	CONTRACT NO. 63073							
				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL LEGEND

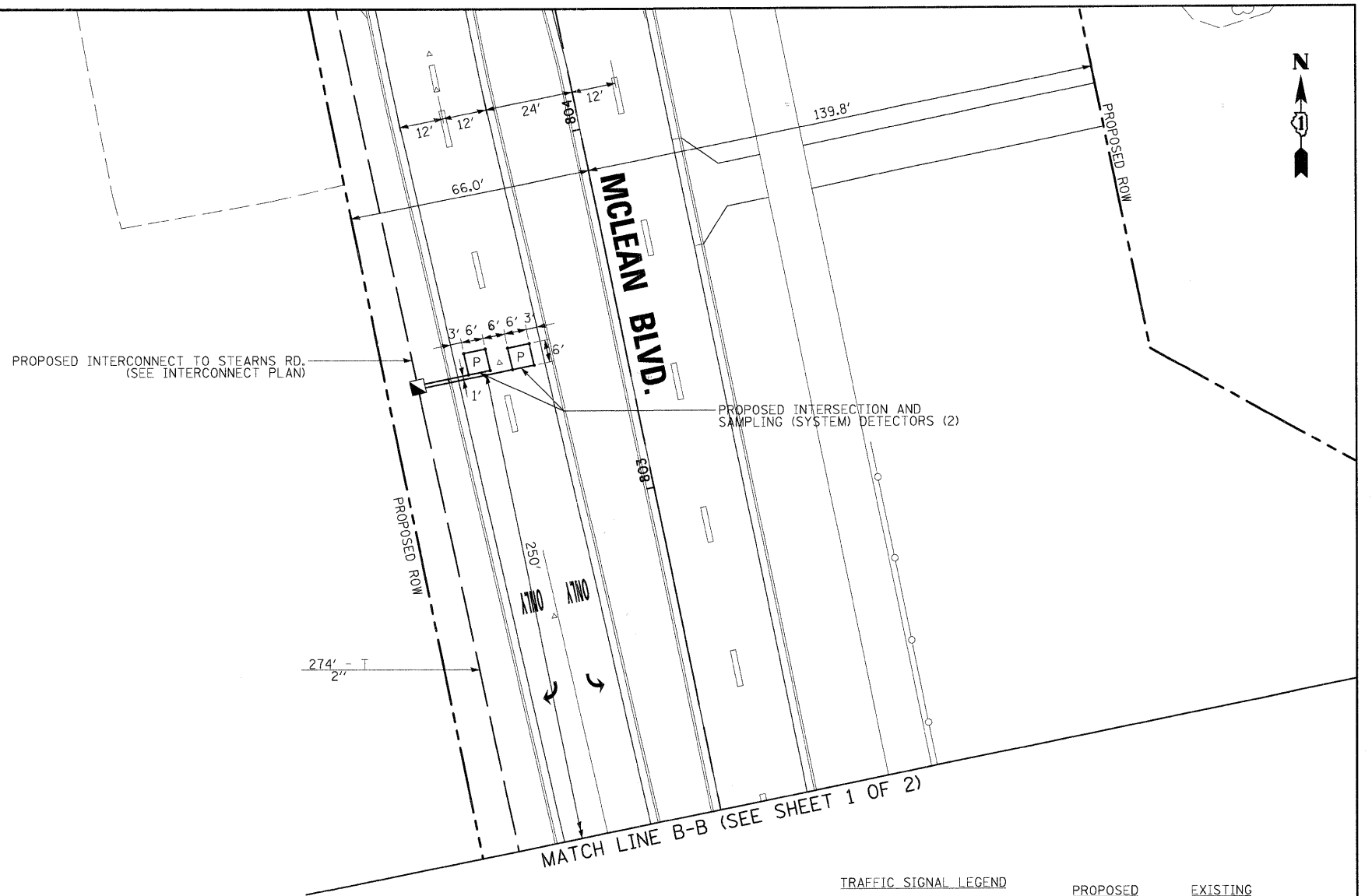
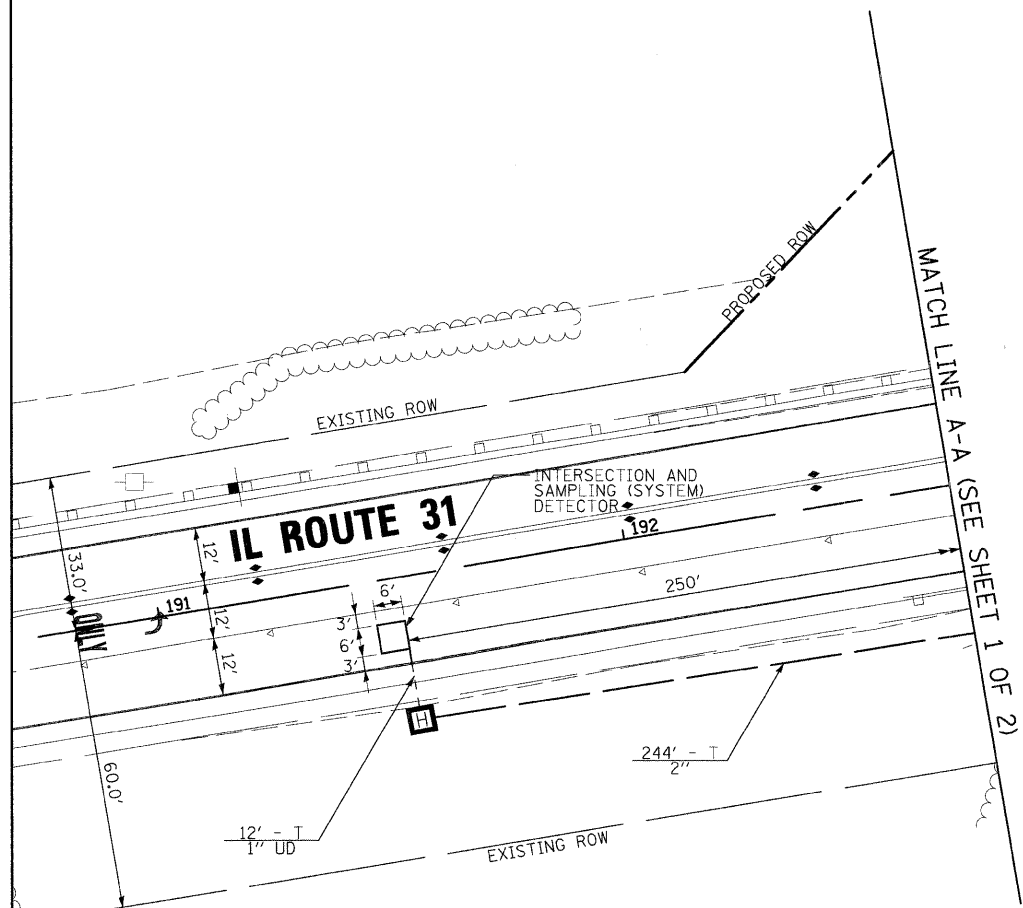
- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- COMB. M.A. ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- UNIT DUCT
- COMMON TRENCH
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- PEDESTRIAN PUSH BUTTON DETECTOR
- DETECTOR LOOP, TYPE I
- PERFORMED DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- CONDUIT SPLICE
- WOOD POLE
- RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
- VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
- VIDEO DETECTION CAMERA
- TELEPHONE CONNECTION
- UNINTERRUPTIBLE POWER SUPPLY
- DETECTION ZONE



RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL 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 = I:\Dgn\Civil\Sheet\td009.dgn	USER NAME = tthornton	DESIGNED - MJT	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 TRAFFIC SIGNAL PLAN - IL ROUTE 31/MCLEAN BLVD	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 75		
PL01 SCALE = 1:20	PL01 DATE = 3/29/2009	DRAWN - MJT	REVISED -			SCALE: 1" = 20'	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 63073			
		CHECKED - TMT	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
		DATE - 3/27/09	REVISED -									

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL 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 SEEDING IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
COMB. M.A. ASSEMBLY AND POLE, STEEL WITH LUMINAIRE		
UNIT DUCT		
COMMON TRENCH		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)		
PEDESTRIAN PUSH BUTTON DETECTOR		
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP		
CAST IRON JUNCTION BOX		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
CONDUIT SPLICE		
WOOD POLE		
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
VIDEO DETECTION CAMERA		
TELEPHONE CONNECTION		
UNINTERRUPTIBLE POWER SUPPLY		
DETECTION ZONE		

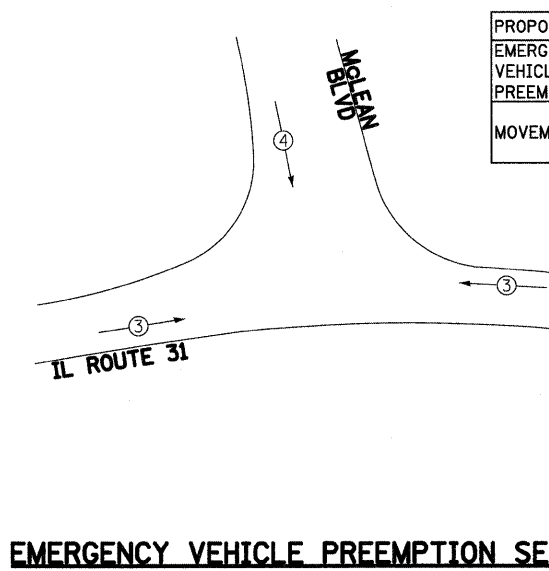
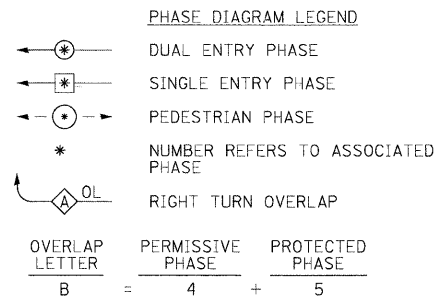
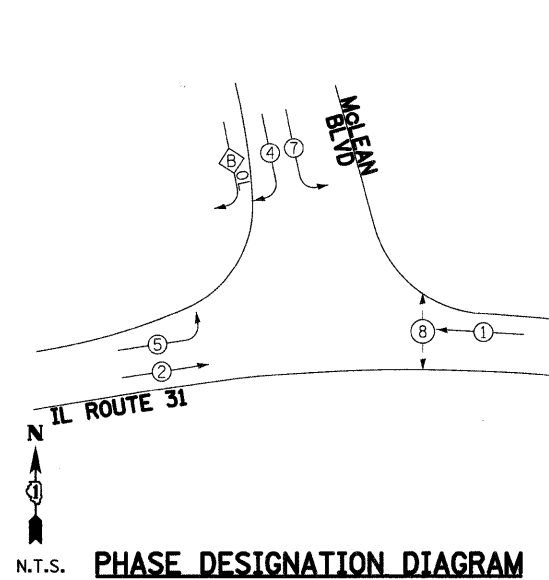
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		DRAWN - MJT	REVISED -
		CHECKED - TMT	REVISED -
		DATE - 3/27/09	REVISED -

**KANE COUNTY
DIVISION OF TRANSPORTATION**

**NEW STEARNS ROAD - STAGE 2
TRAFFIC SIGNAL PLAN - IL ROUTE 31/MCCLEAN BLVD**

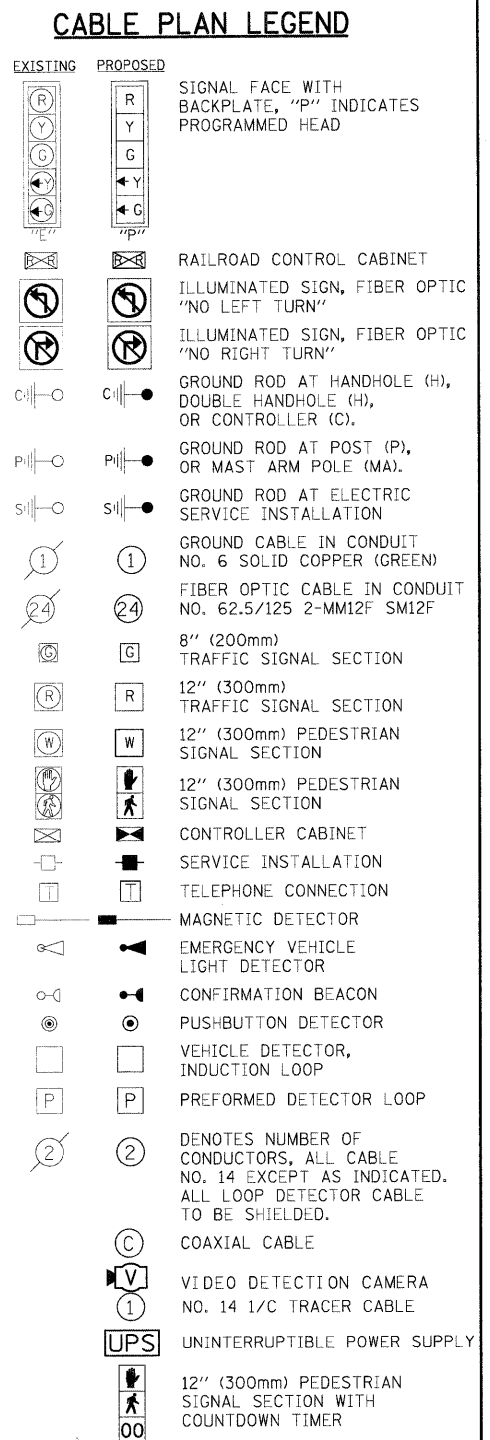
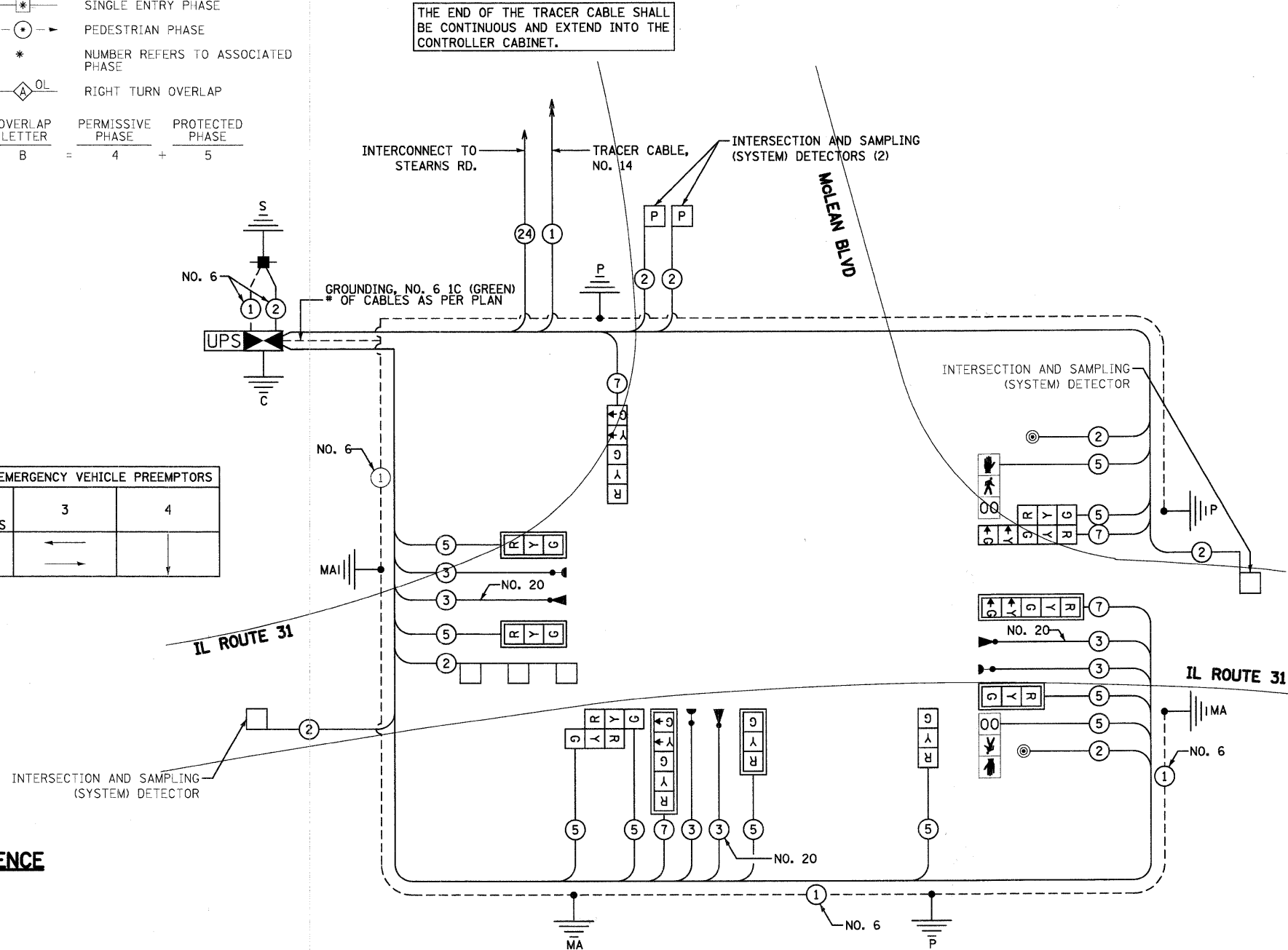
SCALE: 1" = 20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 76
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT			CONTRACT NO. 63073	



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTORS	3	4
MOVEMENT	←	↓

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.



CABLE PLAN



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE	
TYPE	NO. OF LAMPS	WATTAGE	INCAND.	LED	% OPERATION	
SIGNAL (RED)	12	135	17		0.50	102.0
(YELLOW)	12	135	25		0.25	75.0
(GREEN)	12	135	15		0.25	45.0
ARROW	8	135	12		0.10	9.6
PED. SIGNAL	2	90	25		1.00	50.0
CONTROLLER	1	100	100		1.00	100.0
ILLUM. SIGN	0	84	35		0.05	0.0
UPS	1		25		1.00	25.0
FLASHER	0		25		0.50	0.0
ENERGY COST TO:					TOTAL =	406.6

FOUNDATION (DEPTH)	FT (m)	CABLE SLACK	FT (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
C - CONT. & UPS	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'±L-2=(6m±L-0.6m=)
D - CONTROLLER	4 (1.2)	SIGNAL POST	2 (0.6)	BRACKET MOUNTED	13 (4.0)
E - M. ARM POLE	1 (0.3)	CONTROLLER CAB.	1 (0.3)	PED. PUSHBUTTON	4 (1.2)
24" (600MM)	10 (3.0)	FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
30" (750MM)	15 (4.6)	ELECTRIC SERVICE	1 (0.3)	SERVICE TO GROUND	13.5 (4.1)
36" (900MM)	15 (4.6)	GROUND CABLE	1 (0.3)	POST MOUNTED	6 (1.8)
42" (1060MM)	25 (7.6)				

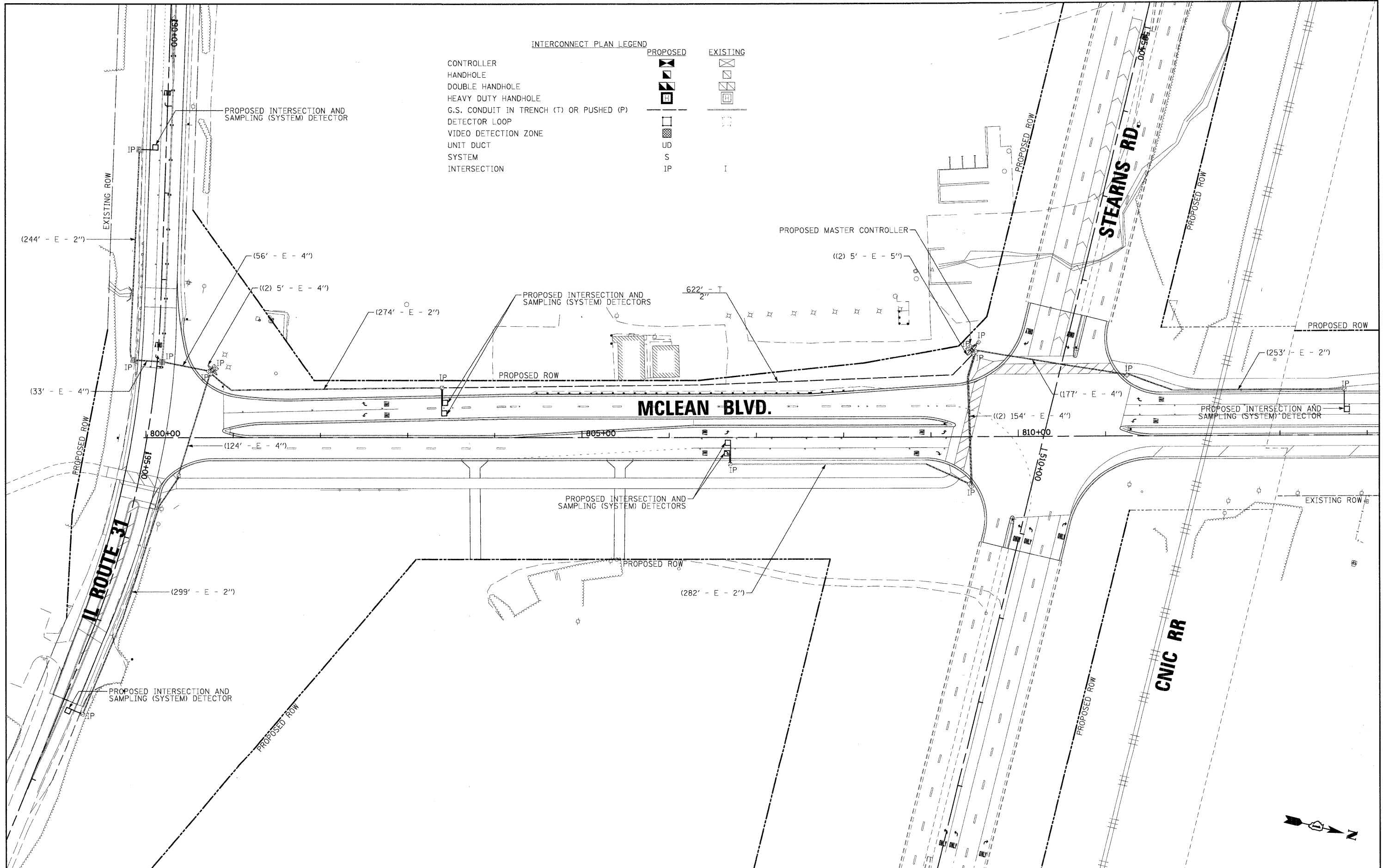
ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: MARTY RUBIN
 PHONE: 847-608-2400
 COMPANY: COMMONWEALTH EDISON

FILE NAME = I:\Dgn\Civil\Sheet\td811.dgn	USER NAME = tthornton	DESIGNED - MJT	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 TRAFFIC SIGNAL CABLE PLAN - IL ROUTE 31/MCLEAN BLVD	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 77		
PLOT SCALE = 1:20	PLOT DATE = 3/29/2009	DRAWN - MJT	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 63073			
CHECKED - TMT	DATE - 3/27/09	REVISIED -	REVISIED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

SCHEDULE OF QUANTITIES

SIGN PANEL - TYPE 1	SQ FT	26
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	755
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	93
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	12
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	124
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	77
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	213
HANDHOLE	EACH	3
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	979
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	456
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	634
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1993
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	782
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1525
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	34
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 54 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	15
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	30
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	6
INDUCTIVE LOOP DETECTOR	EACH	5
DETECTOR LOOP, TYPE I	FOOT	182
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	2
PERFORMED DETECTOR LOOP	FOOT	89
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	568
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	634

FILE NAME = I:\Dgn\Civil\Sheet\td012.dgn	USER NAME = tshornton	DESIGNED - MJT	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 IL ROUTE 31/MCLEAN BLVD TRAFFIC SIGNAL SCHEDULE OF QUANTITIES	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 78	
PLOT SCALE = 1:20	CHECKED - TMT	REVISED -	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 63073			
PLOT DATE = 3/29/2009	DATE - 3/27/09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								



FILE NAME = I:\Dgn\Cl\1\Sheet\td013.dgn
 USER NAME = tthornton

DESIGNED - MJT
 DRAWN - MJT
 CHECKED - TMT
 DATE - 3/27/09

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**KANE COUNTY
 DIVISION OF TRANSPORTATION**


















**NEW STEARNS ROAD - STAGE 2
 MCLEAN BLVD FROM IL ROUTE 31 TO STEARNS RD
 INTERCONNECT PLAN**















SCALE: 1" = 50'
 SHEET NO. 1 OF 1 SHEETS
 STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	79
CONTRACT NO. 63073				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



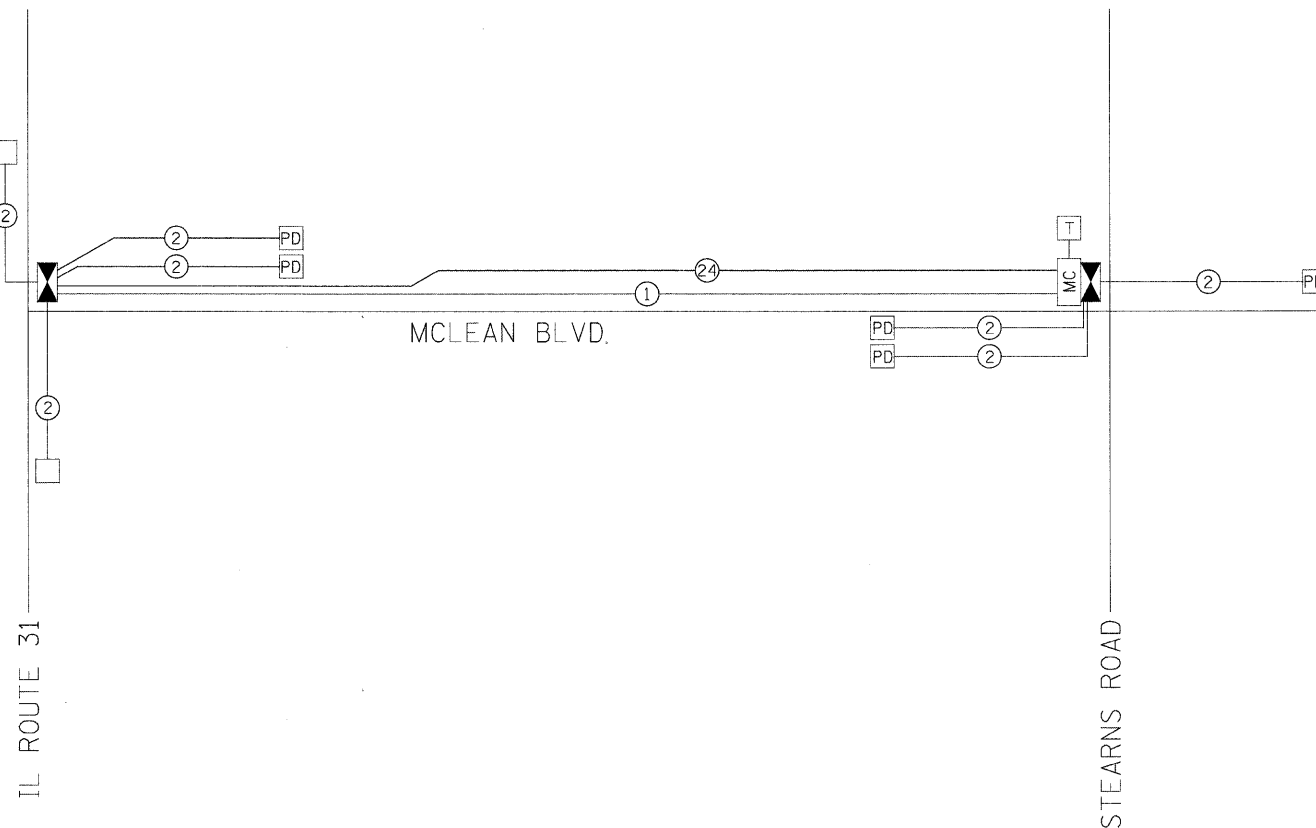
INTERCONNECT SCHEMATIC LEGEND

-  EXISTING INTERSECTION CONTROLLER
-  PROPOSED INTERSECTION CONTROLLER
-  EXISTING MASTER CONTROLLER
-  PROPOSED MASTER CONTROLLER
-  MASTER MASTER CONTROLLER
-  EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING INTERSECTION LOOP DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.
-  EXISTING SAMPLING (SYSTEM) DETECTORS
-  PROPOSED SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS.
-  EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.
-  EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
-  EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS
-  PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS
-  PROPOSED INTERSECTION & SAMPLING (SYSTEM) VIDEO DETECTION ZONE

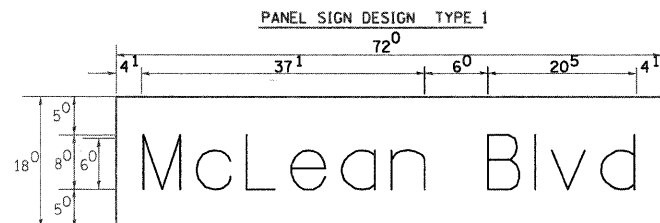
-  EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM24F SM12F
-  PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM24F SM12F
-  EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
-  PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F
-  EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
-  PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE
-  EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
-  PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
-  EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
-  PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED
-  EXISTING ELECTRIC CABLE, 1/C (AS SPECIFIED)
-  PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)
-  EXISTING TELEPHONE CONNECTION
-  PROPOSED TELEPHONE CONNECTION

SCHEDULE OF QUANTITIES

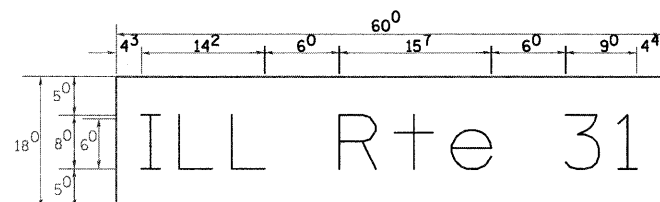
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	622
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	622
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	948
OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	974



FILE NAME = I:\Dgn\Civ\1\Sheet\td014.dgn	USER NAME = tsharnton	DESIGNED - MJT	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 MCLEAN BLVD FROM IL ROUTE 31 TO STEARNS RD INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 80	
PLOT SCALE = 1:50	CHECKED - TMT	REVISED -	SCALE: N.T.S.			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT	CONTRACT NO. 63073	
PLOT DATE = 3/29/2009	DATE - 3/27/09	REVISED -									

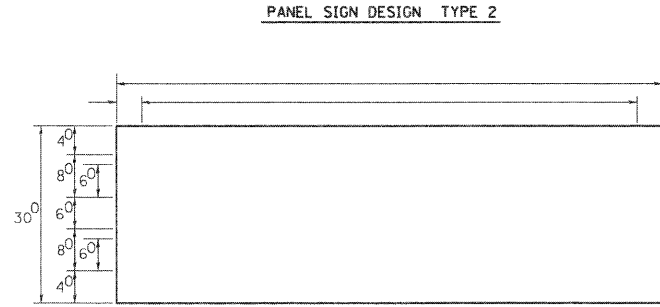


___ Sq. M. each
 9.0 Sq. Ft. each
 2 Required
 Design Series D

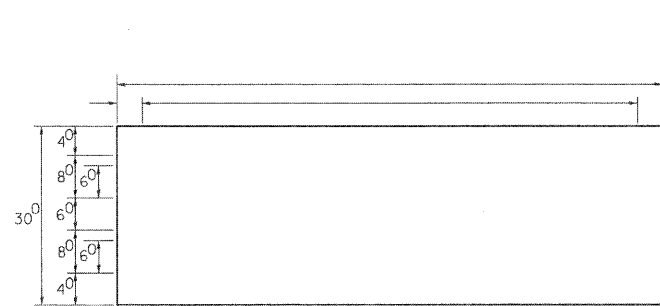


___ Sq. M. each
 7.5 Sq. Ft. each
 1 Required
 Design Series D

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS



___ Sq. M. each
 ___ Sq. Ft. each
 ___ Required
 Design Series ___

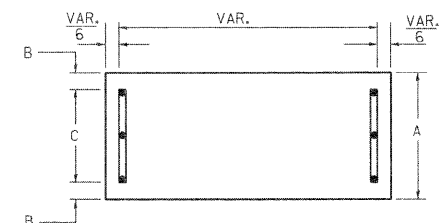


___ Sq. M. each
 ___ Sq. Ft. each
 ___ Required
 Design Series ___

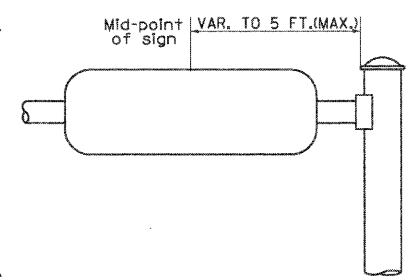
GENERAL NOTES

- 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 834001, 834006 AND 834011, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 6'-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.
 - ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
 - THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 6'-0".
 - ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
 - 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:
 - * A.K.T. CORPORATION, SCHALMBURG, IL
 - * TUCKER COMPANY, INC., WAUWATOSA, WI
 - * AMERICAN FABRICATION CO., CHICAGO HEIGHTS, IL
 - * WESTERN TRAFFIC CONTROL INC., CICERO, IL
- PARTS LISTING
 SIGN CHANNEL PART *HPN053 (MED. CHANNEL)
 SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
 BRACKETS SELF TAPPING WITH NEOPRENE WASHER
 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.

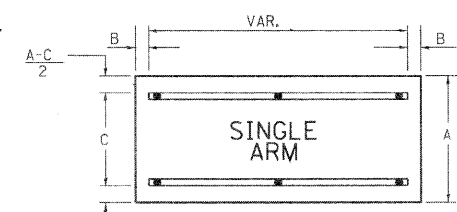
SUPPORTING CHANNELS



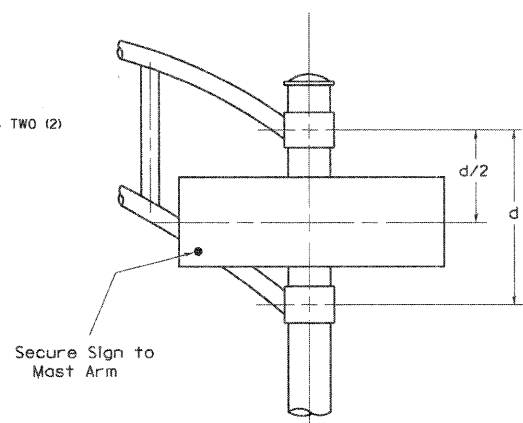
A	B	C
18"	2"	14"



SUPPORTING CHANNELS



A	B	C
18"	2"	12"
30"	2"	22"



DUAL ARM

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, 2³ DENOTES 3/8"

FIRST LETTER	SECOND LETTER																	
	ac		de		bh		kl		f w		j		s t		v y		x z	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
A W X	12	14	14	15	12	14	06	10	11	14	06	10	11	12	12	14	12	14
B	14	15	20	21	14	15	11	12	14	15	12	14	12	14	16	17	16	17
C E G	14	15	20	21	12	14	06	10	12	14	12	14	14	15	14	15	14	15
D O Q R	14	15	20	21	14	15	06	10	12	14	12	14	14	15	14	15	14	15
F	05	06	14	15	06	10	05	06	06	10	06	10	06	10	11	12	11	12
H I M N	20	21	22	24	20	21	14	15	16	17	16	17	20	21	20	21	20	21
J U	20	21	20	21	16	17	14	15	16	17	16	17	16	17	20	21	20	21
K L	11	12	16	17	11	12	05	06	11	12	11	12	11	12	12	14	12	14
P	12	14	14	15	12	14	05	06	11	12	11	12	12	14	12	14	12	14
S	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14	12	14
T	11	12	16	17	06	10	06	10	11	12	11	12	11	12	12	14	12	14
V	06	10	14	15	11	12	06	10	12	14	12	14	12	14	12	14	12	14
Y	05	06	14	15	06	10	05	06	05	07	05	06	06	10	11	12	11	12
Z	16	17	22	24	16	17	12	14	16	17	16	17	16	17	20	21	20	21

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

FIRST LETTER	SECOND LETTER																	
	ac		de		bh		kl		f w		j		s t		v y		x z	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
a d h g i j	16	17	22	24	16	17	12	14	14	15	14	15	16	17	16	17	16	17
l m n q u	12	14	16	17	11	12	05	06	11	12	11	12	12	14	12	14	12	14
b f k o p s	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14	12	14
c e	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14	12	14
r	06	10	12	14	06	10	03	03	05	06	05	06	06	10	06	10	06	10
t z	12	14	16	17	12	14	06	10	11	12	11	12	12	14	12	14	12	14
v y	11	12	14	15	11	12	05	06	06	10	06	10	11	12	11	12	11	12
w	11	12	14	15	11	12	05	06	11	12	11	12	11	12	12	14	12	14
x	12	14	16	17	11	12	05	06	11	12	11	12	11	12	12	14	12	14

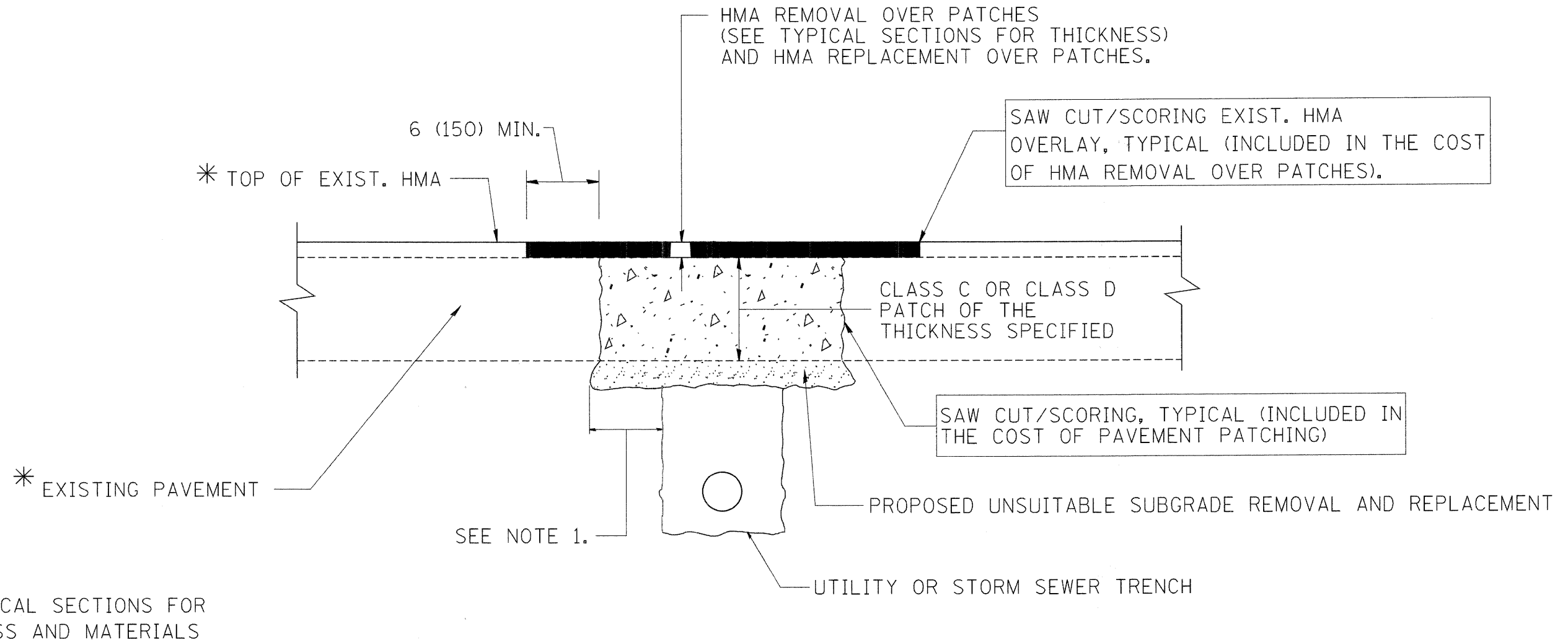
Number to Number Spacing Chart 8 Inch Series "C & D"

FIRST NUMBER	SECOND NUMBER																			
	0		1		2		3		4		5		6		7		8		9	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
0 9	16	17	16	17	14	15	12	14	14	15	14	15	16	17	12	14	16	17	16	17
1	20	21	20	21	20	21	16	17	14	15	20	21	20	21	14	15	20	21	20	21
2 3 4	14	15	14	15	14	15	12	14	14	15	14	15	11	12	16	17	14	15	14	15
5	14	15	14	15	14	15	11	12	11	12	14	15	14	15	11	12	14	15	14	15
6	16	17	14	15	14	15	12	14	14	15	14	15	11	12	14	15	14	15	14	15
7	12	14	12	14	14	15	12	14	15	12	14	14	15	11	12	14	15	12	14	14
8	16	17	16	17	14	15	12	14	14	15	16	17	12	14	16	17	14	15	14	15

UPPER AND LOWER CASE LETTER WIDTHS

LETTERS	6 INCH UPPER CASE LETTERS		8 INCH UPPER CASE LETTERS		LETTERS	6 INCH LOWER CASE LETTERS	
	SERIES		SERIES			SERIES	
	C	D	C	D		C	D
A	36	50	50	65	a	35	42
B	32	40	43	53	b	35	42
C	32	40	43	53	c	35	41
D	32	40	43	53	d	35	42
E	30	35	40	47	e	35	42
F	30	35	40	47	f	23	26
G	32	40	43	53	g	35	42
H	32	40	43	53	h	35	42
I	07	07	11	12	i	11	11
J	30	36	40	50	j	20	22
K	32	41	43	54	k	35	42
L	30	35	40	47	l	11	11
M	37	45	51	61	m	60	70
N	32	40	43	53	n	35	42
O	34	42	45	55	o	36	43
P	32	40	43	53	p	35	42
Q	34	42	45	55	q	35	42
R	32	40	43	53	r	26	32
S	32	40	43	53	s	36	42
T	30	35	40	47	t	27	32
U	32	40	43	53	u	35	42
V	35	44	47	60	v	42	47
W	44	52	60	70	w	55	64
X	34	40	45	53	x	44	51
Y	36	50	50	66	y	46	53
Z	32	40	43	53	z	36	43

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	12	14	15	20
2	32	40	43	53
3	32	40	43	53
4	35	43	47	57
5	32	40	43	53
6	32	40	43	53
7	32	40	43	53
8	32	40	43	53
9	32	40	43	53
0	34	42	45	55



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

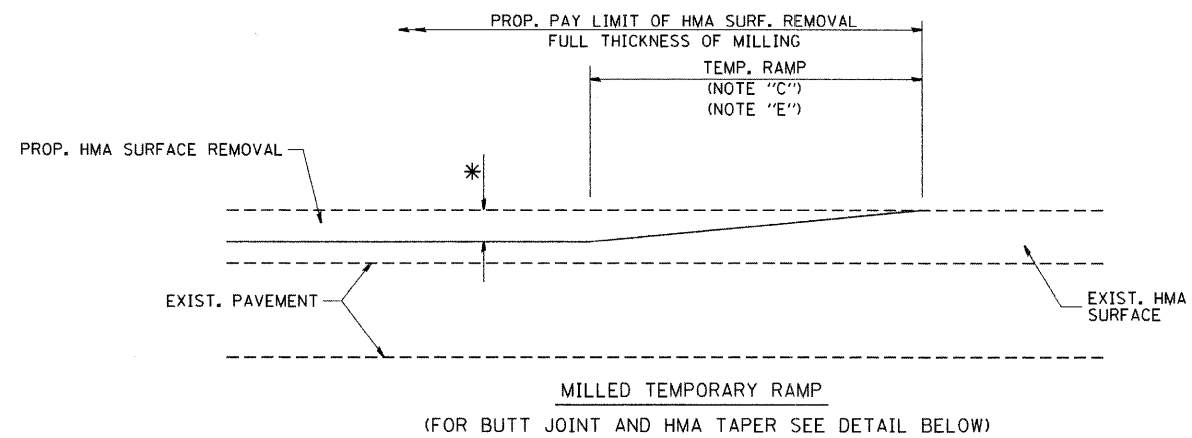
1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION

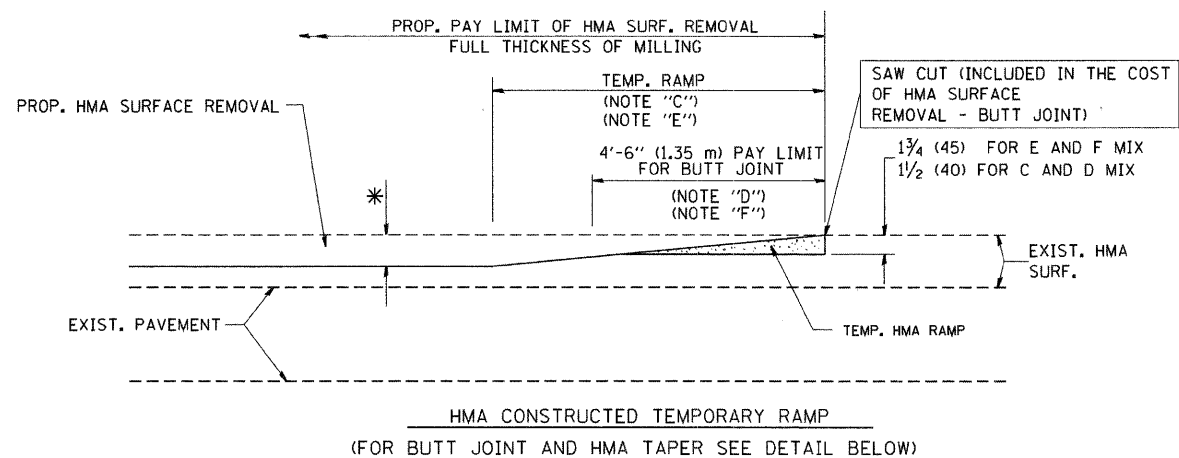
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE FULL DEPTH PATCHES
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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

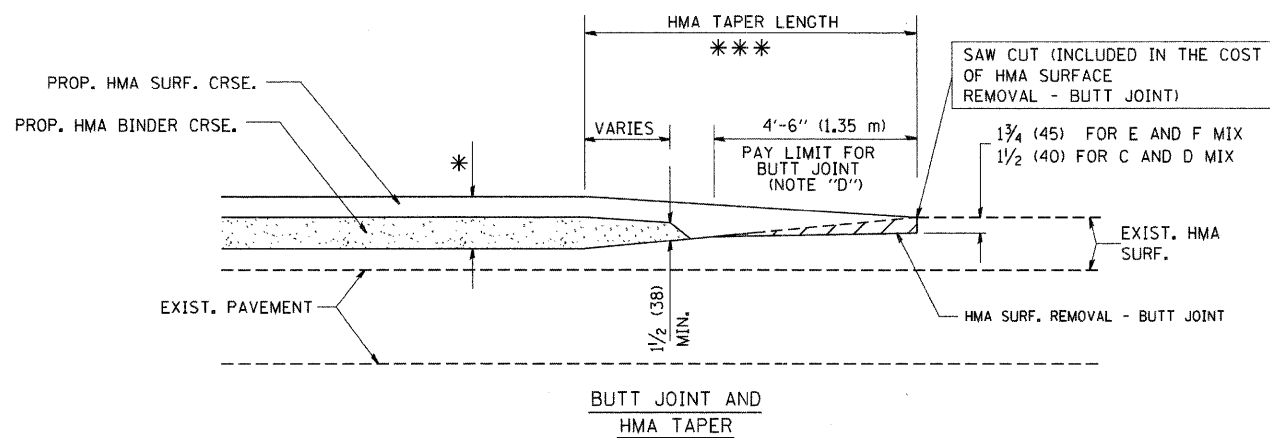
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PLOT SCALE = 1:10	CHECKED -	REVISED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	BD-22		CONTRACT NO. 63073
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



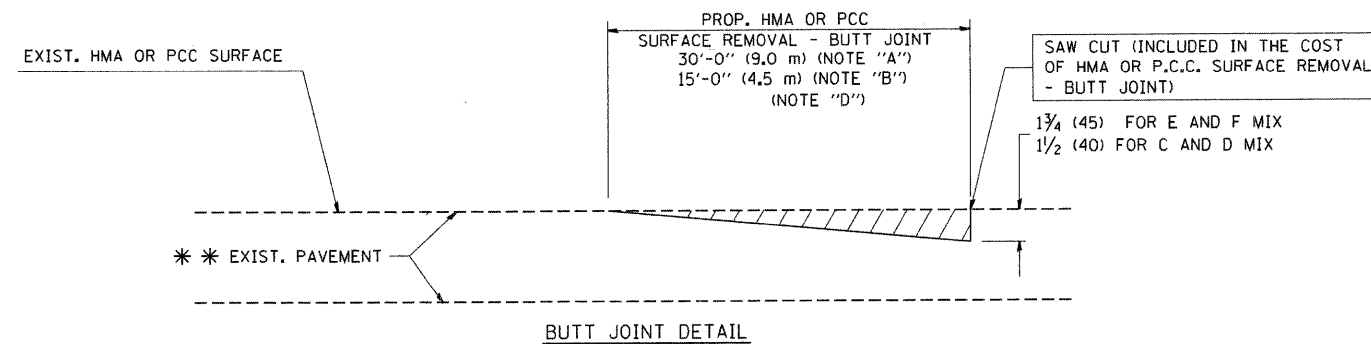
OPTION 1



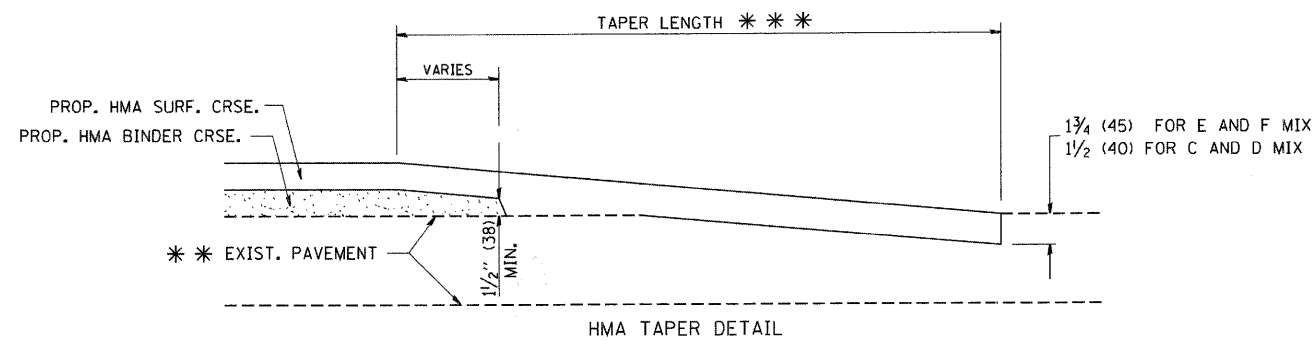
**OPTION 2
TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING**



BUTT JOINT DETAIL



HMA TAPER DETAIL

**TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY**

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

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.

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DESIGNED	REVISION
DRAWN	REVISION
CHECKED	REVISION
DATE = 3/27/09	REVISION

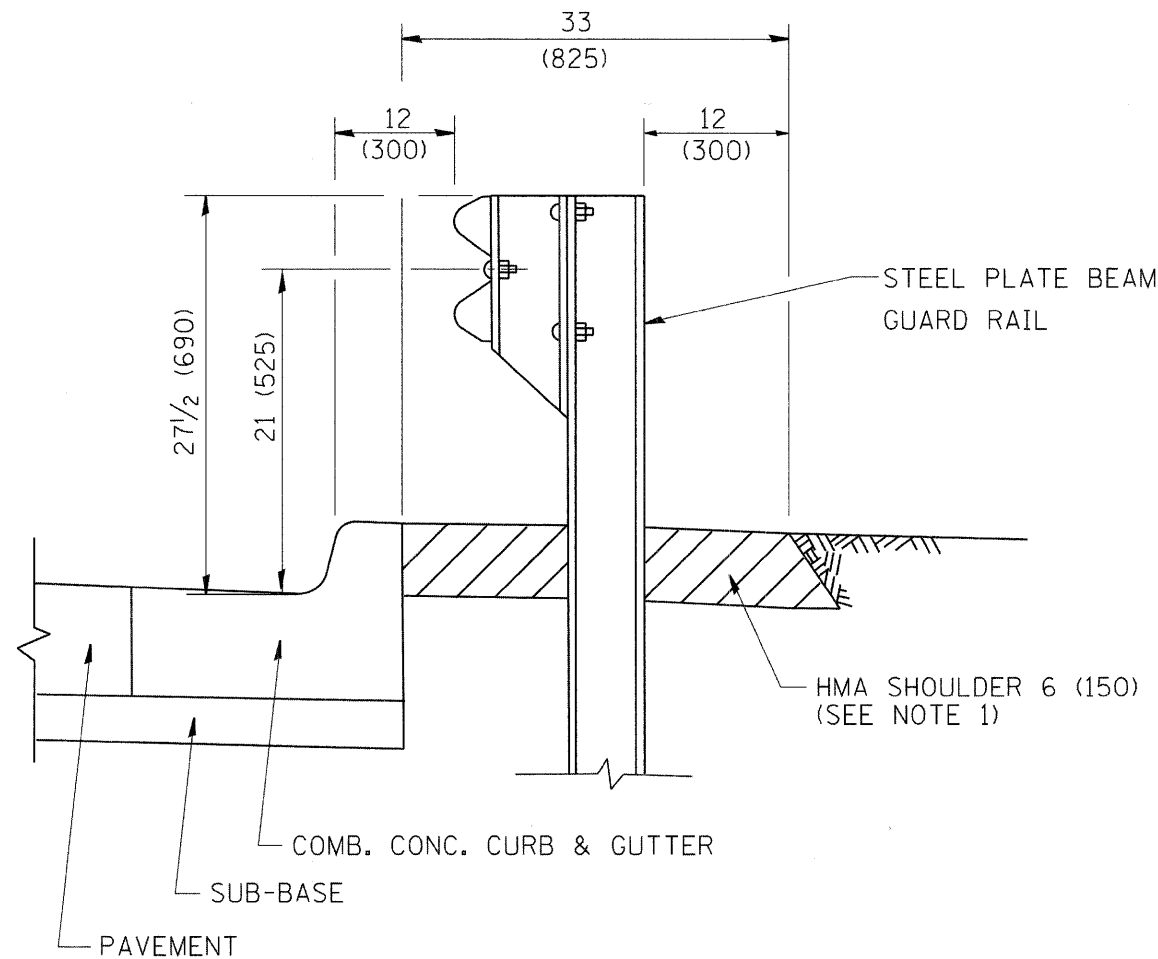
DESIGNED	REVISION
DRAWN	REVISION
CHECKED	REVISION
DATE = 3/27/09	REVISION

**KANE COUNTY
DIVISION OF TRANSPORTATION**

**NEW STEARNS ROAD - STAGE 2
BUTT JOINT AND HMA DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	83
BD400-05 BD-32			CONTRACT NO. 63073	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

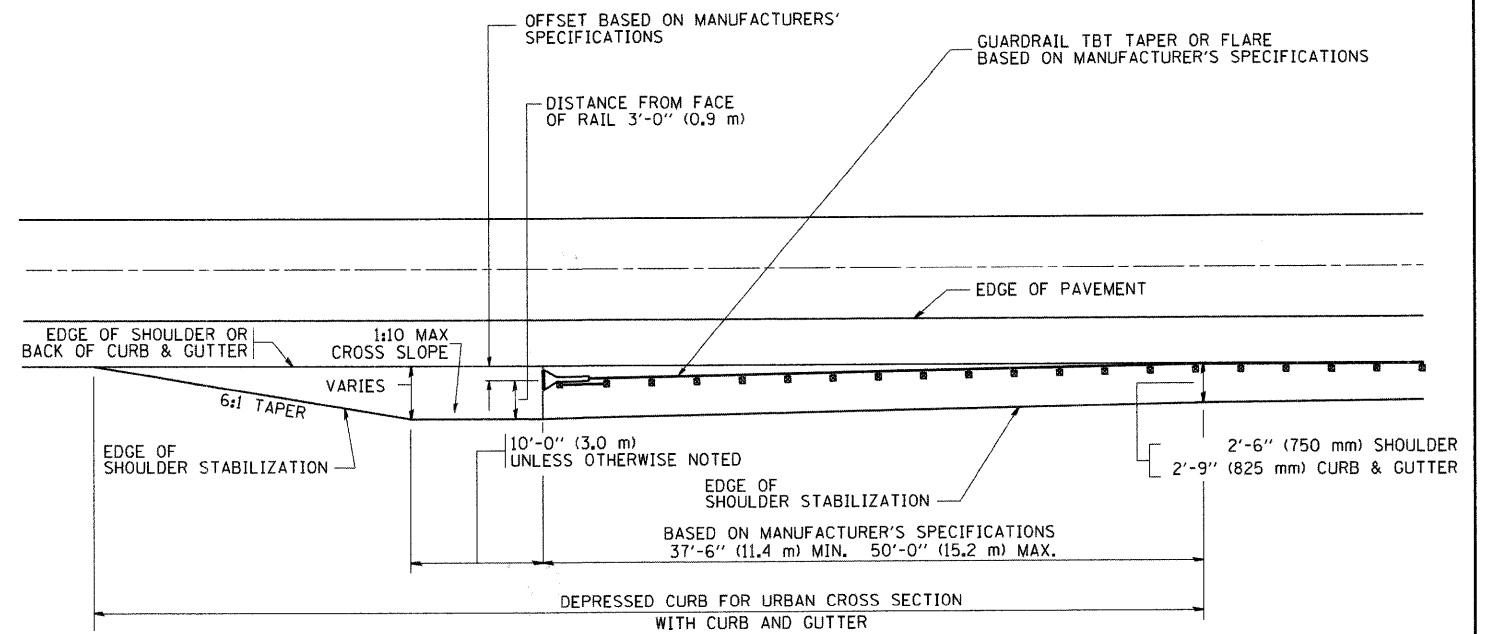


- NOTES: 1. THE HMA SHOULDER SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL
2. GUARD RAIL MAY BE PLACED AT THE BACK OF CURB WHEN DIRECTED BY THE ENGINEER.

BASIS OF PAYMENT: HMA SHOULDER 6 (150) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SHOULDER 6" (150 mm)".

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

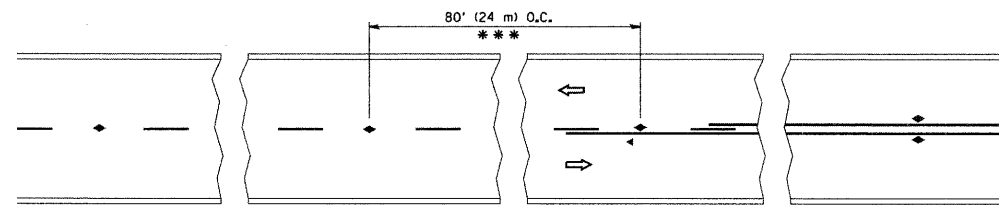
**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



STABILIZATION AT TBT TY. 1 SPL.

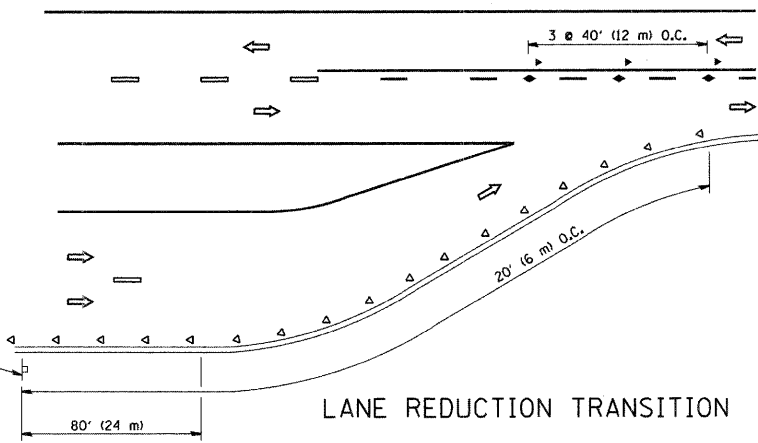
TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -									

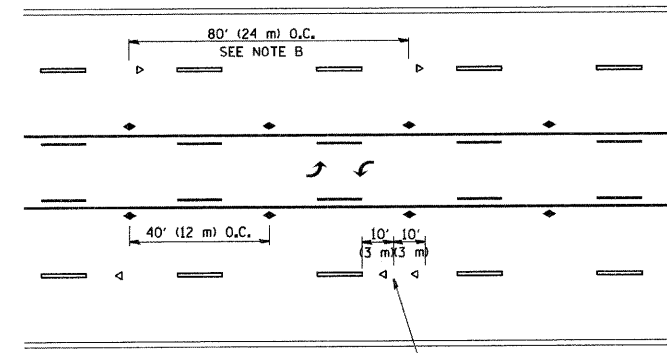


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

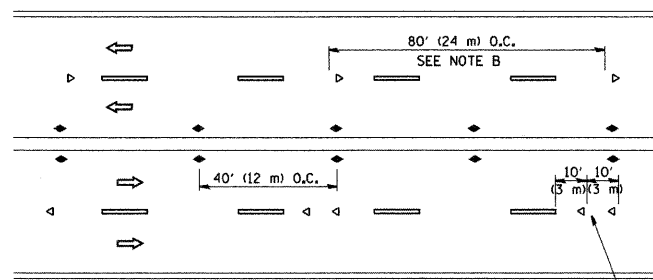
TWO-LANE/TWO-WAY



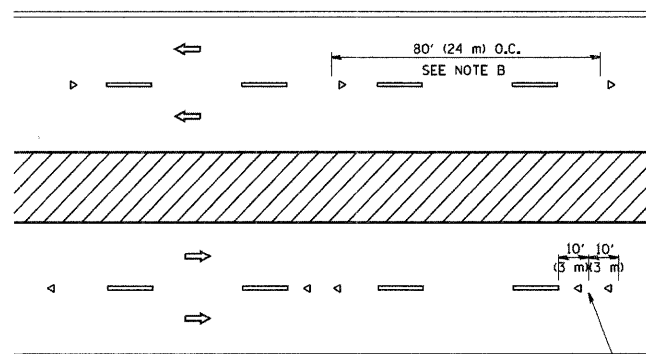
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

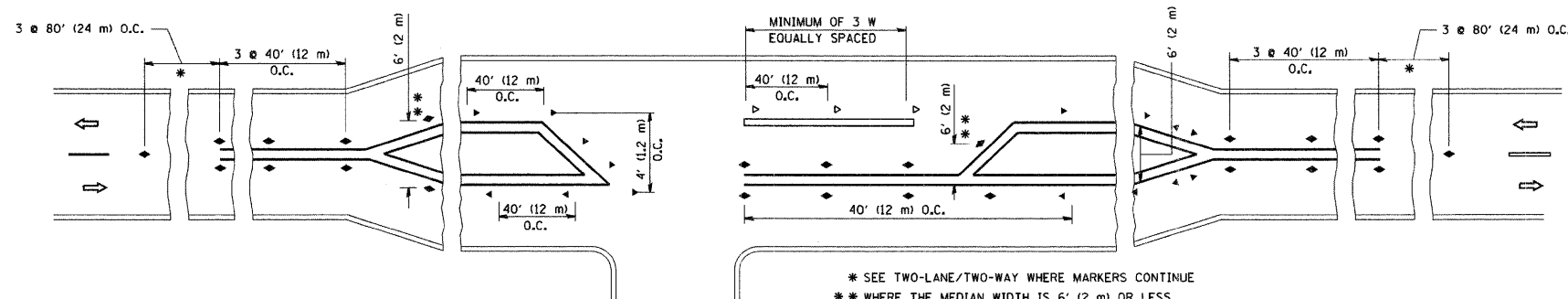
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

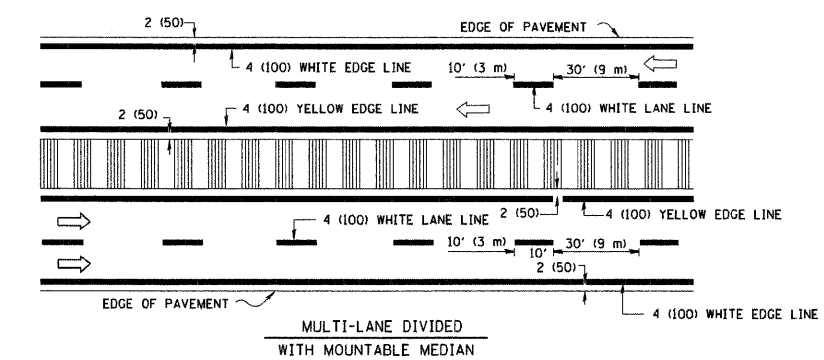
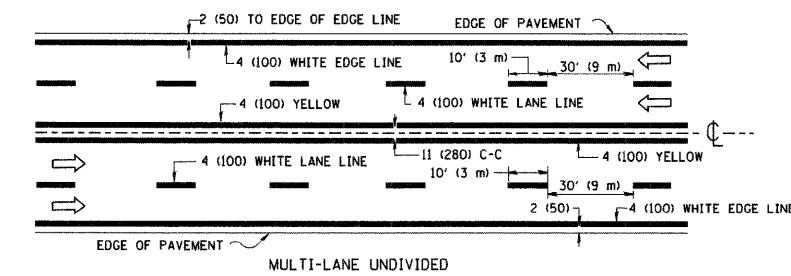
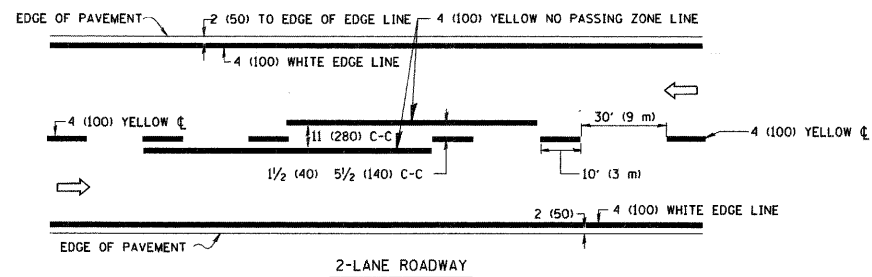


LEFT TURN

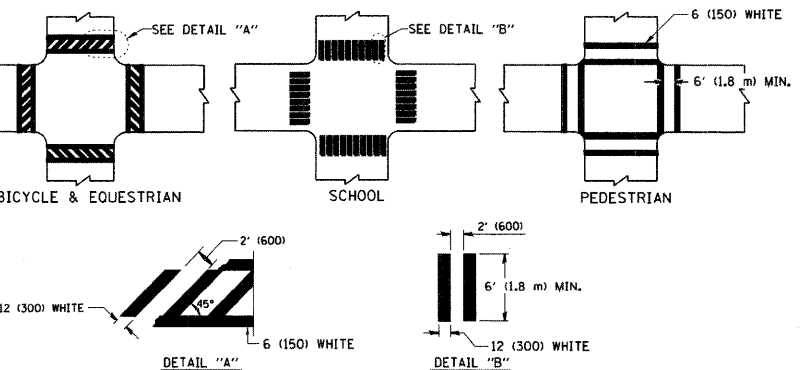
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

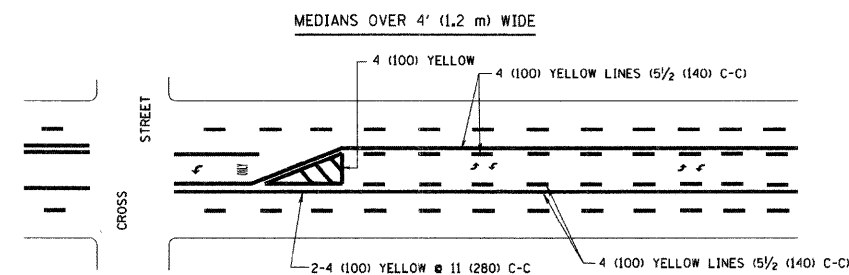
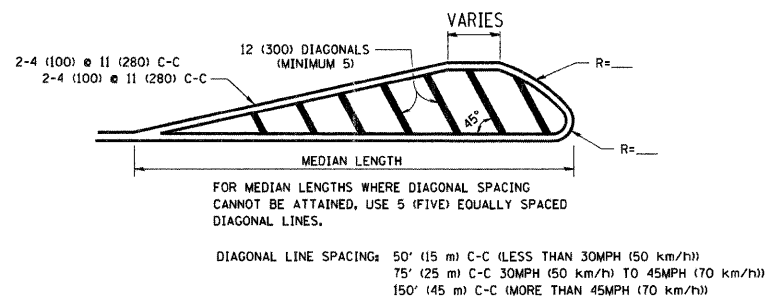
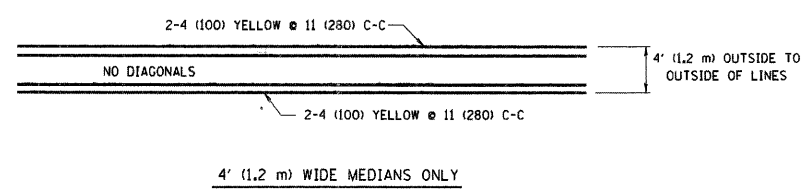
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		DATE = 3/27/09	REVISED -								



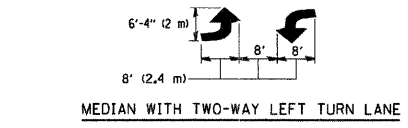
TYPICAL LANE AND EDGE LINE MARKING



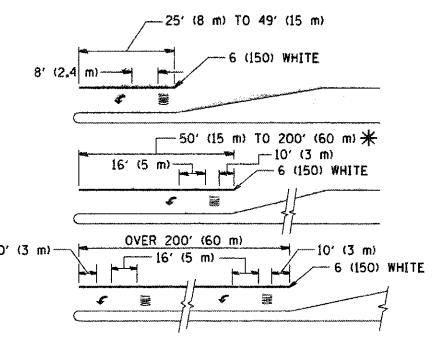
TYPICAL CROSSWALK MARKING



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



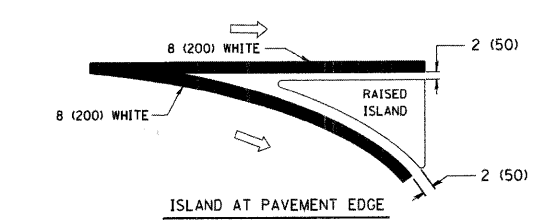
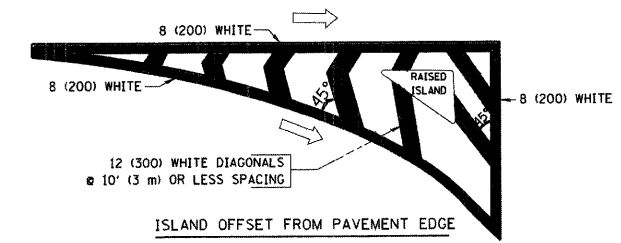
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

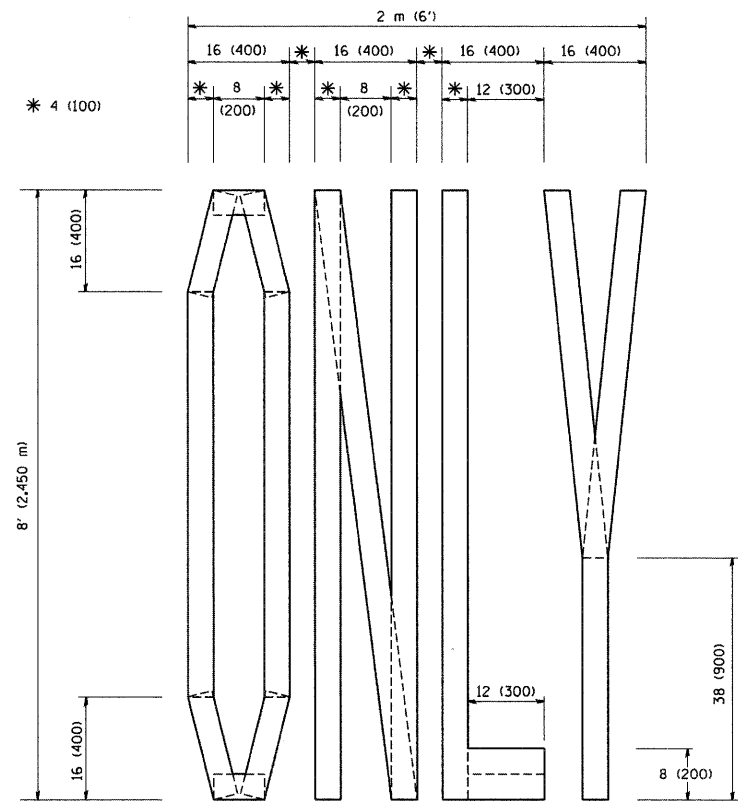


TYPICAL ISLAND MARKING

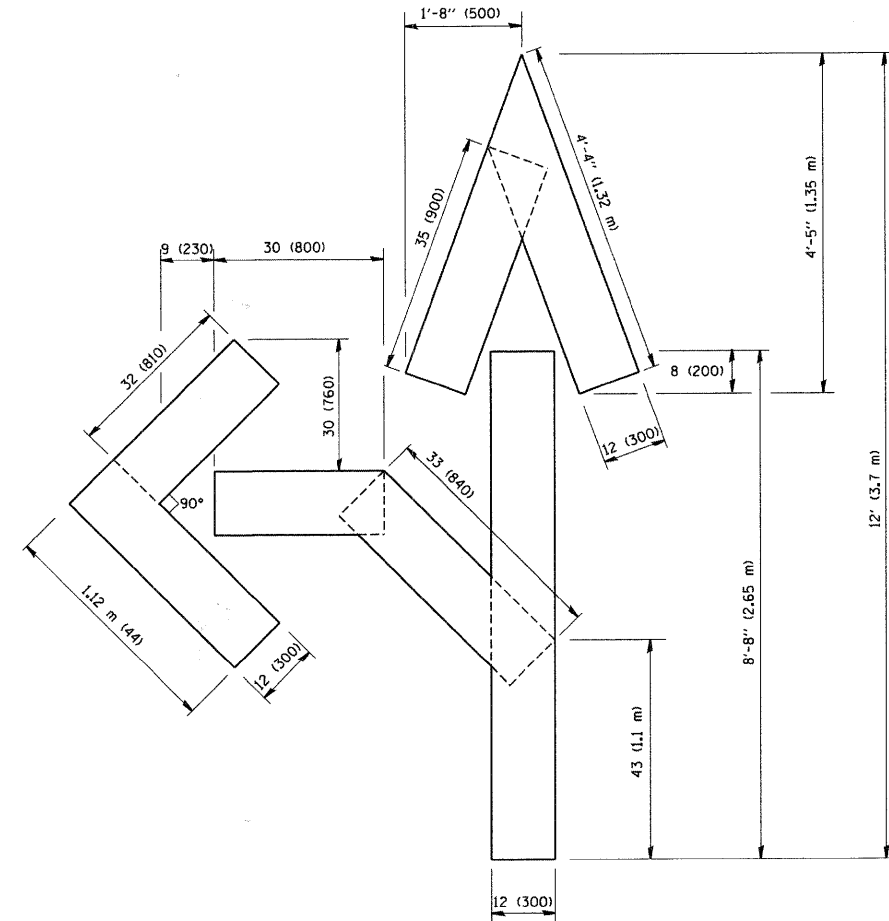
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5 1/2' (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	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) LINES, FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2' (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	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 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°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
	NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS			
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 ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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.

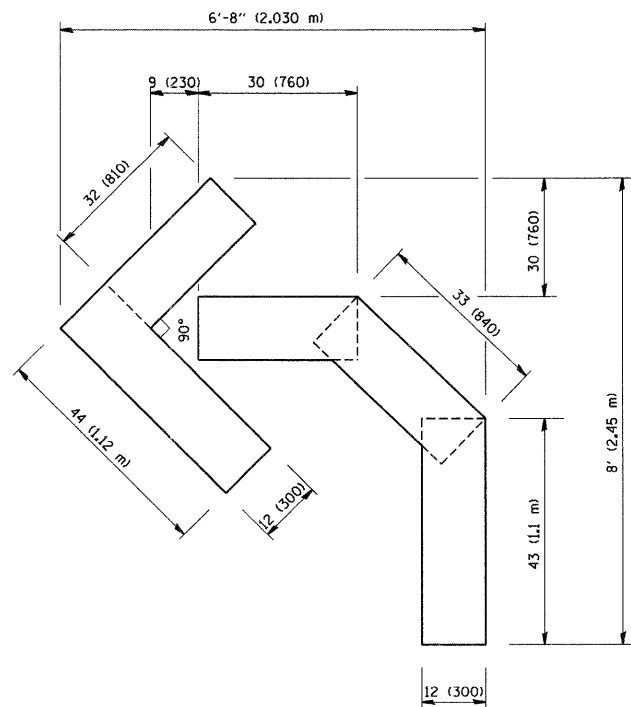
All dimensions are in inches (millimeters) unless otherwise shown.



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



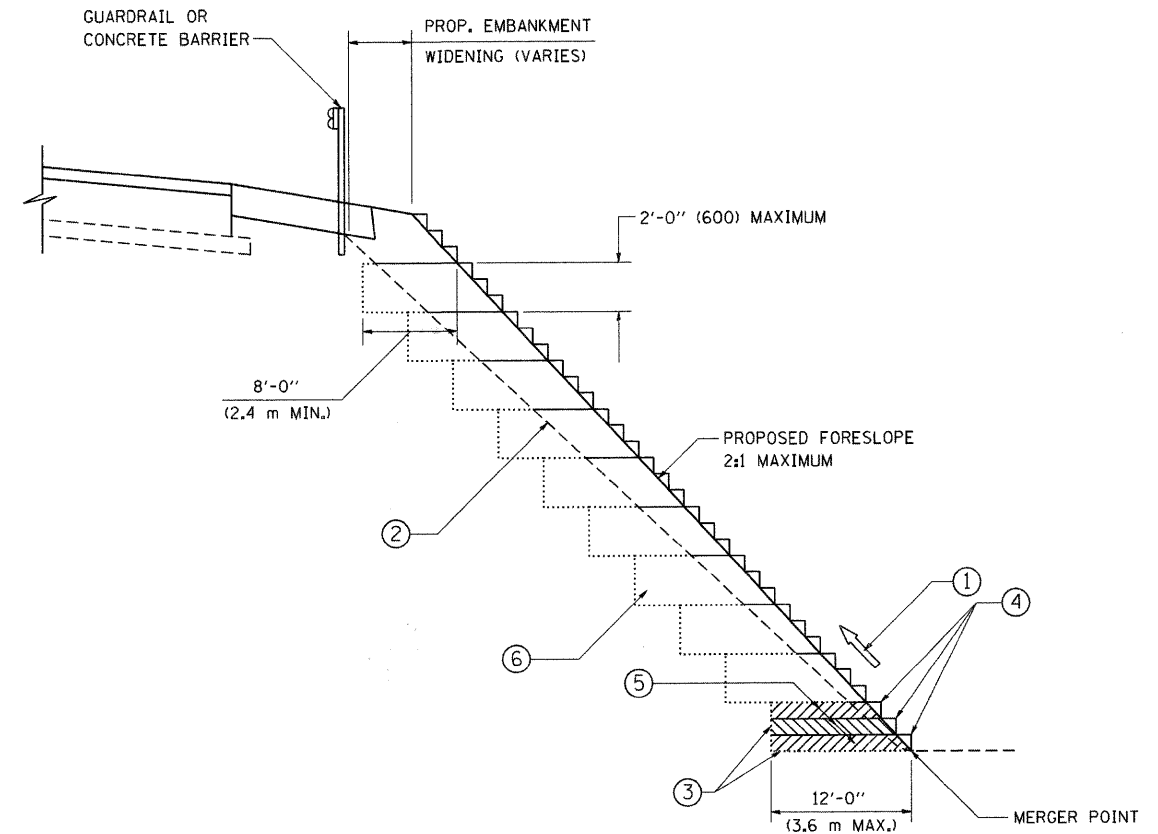
QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

FILE NAME = \\dgn\civil\sheet\sd006.dgn	USER NAME = tshornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 87		
PLOT SCALE = 1:10	CHECKED -	REVISED -	SCALE:			SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -										



**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

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

FILE NAME = I:\Dgn\Civil\Sheet\sd007.dgn	USFR NAME = tsharnton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 88	
PLOT SCALE = 1:10	CHECKED -	REVISED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	TC-13		CONTRACT NO. 63073
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

ROUTE MARKERS

FOR U.S. ROUTES
M1-40-2424

FOR ILLINOIS ROUTES
M1-50-2424

R.R. UNMARKED ROUTES
SPECIAL 24" x 18" VARIABLE
4" BLACK LETTERS ON WHITE
REFLECTIVE BACKGROUND

ARROWS SIGNS

M5-1L-2115

M5-1R-2115

M6-1L-2115

M6-1R-2115

M6-3-2115

CARDINAL DIRECTION & DETOUR SIGNS

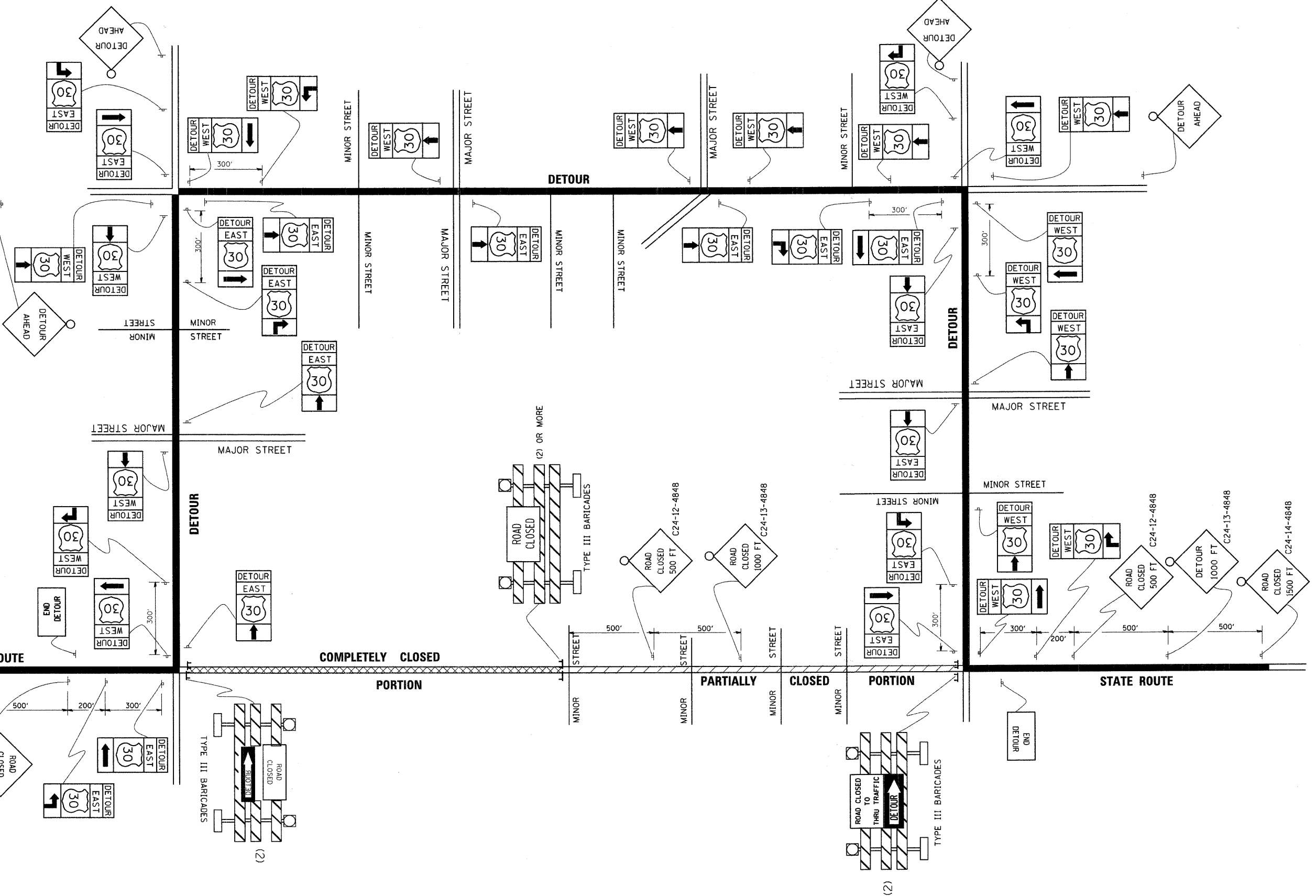
NORTH M3-1-219

EAST M3-2-219

SOUTH M3-3-219

WEST M3-4-219

DETOUR M1-7-219



FILE NAME = I:\Dgn\Civil\Sheet\sd208.dgn	USER NAME = tsherton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 TYPICAL MARKING FOR CLOSING STATE HIGHWAYS	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 89	
PLOT SCALE = 1:10	CHECKED -	REVISED -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	TC-21		CONTRACT NO. 63073	
PLOT DATE = 3/27/2009	DATE = 3/27/09	REVISED -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

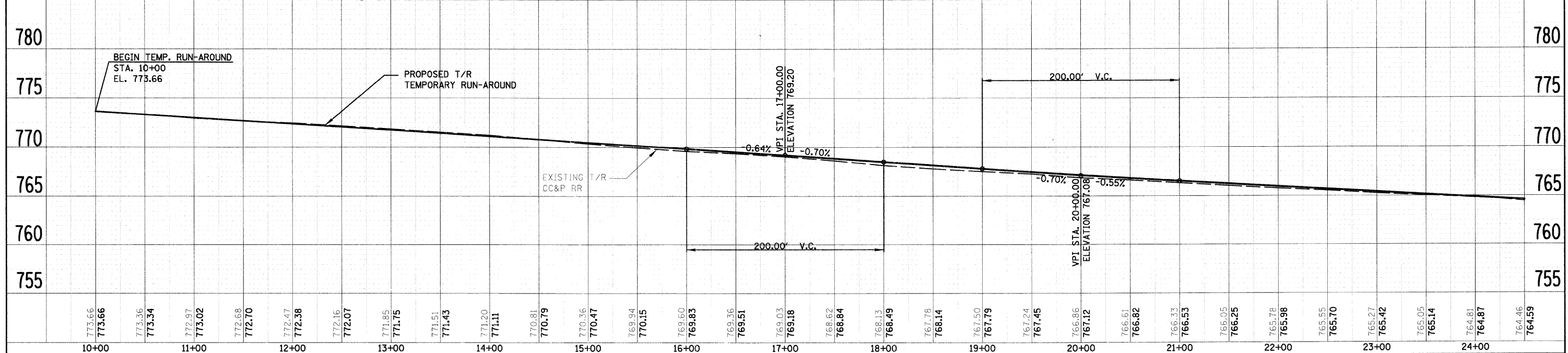
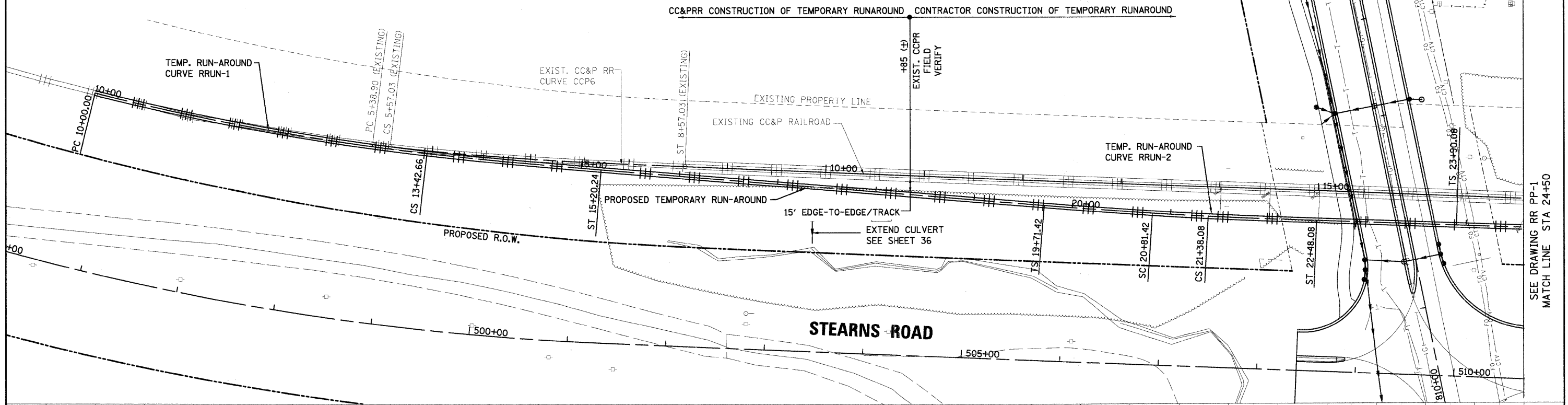
TEMPORARY RUN-AROUND CURVE RRUN-1			COORDINATES	
MAIN PI DATA	CURVE DATA	SPIRAL DATA	NORTH	EAST
PI 12+19.26	Δ 7° 22' 04" (LT)	L 177.58'	PC 1,935,120.7654	987,521.2264
N 1,935,067.9471	D 2° 09' 00"	R 2,664.76'	CS 1,935,059.7999	987,858.1826
E 987,734.0272	T 171.57'	Ø 0° 38' 10.9"	ST 1,935,043.4006	988,034.9950
Δ 9° 16' 36" (LT)	L 342.66'	LT 118.39'		
	R 2,664.76'	ST 59.20'		

TEMPORARY RUN-AROUND CURVE RRUN-2			COORDINATES	
MAIN PI DATA	CURVE DATA	SPIRAL DATA	NORTH	EAST
PI 21+09.76	Δ 0° 51' 00" (LT)	L 110.00'	TS 1,935,006.6712	988,484.6712
N 1,934,995.4251	D 1° 30' 00"	R 3,819.61'	SC 1,934,998.2558	988,594.3478
E 988,622.5606	T 28.33'	Ø 0° 16' 30.0"	CS 1,934,994.8829	988,650.9099
Δ 2° 30' 00" (LT)	L 56.66'	LT 73.33'	ST 1,934,990.2044	988,760.8093
Ts 138.3473	R 3,819.61'	ST 36.67'		

EXISTING CC&P RR CURVE CCP6			COORDINATES	
MAIN PI DATA	CURVE DATA	SPIRAL DATA	NORTH	EAST
PI 6+45.35	Δ 0° 32' 39" (LT)	L 300.00'	PC 1,935,069.0784	987,802.9374
N 1,935,055.3864	D 3° 00' 02"	R 1,909.42'	CS 1,935,066.8313	987,820.9318
E 987,908.5022	T 9.07'	Ø 1° 30' 00.1"	ST 1,935,046.7185	988,120.1743
Δ 5° 02' 43" (LT)	L 18.13'	LT 200.07'		
	R 1,909.42'	ST 100.06'		

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NOTE BOOK	
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STRUCTURE NOTATIONS CHYD	



FILE NAME =	USER NAME = tthornton	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 CC&P RR TEMPORARY RUNAROUND - PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
E:\Dgn\Civil\Sheets\pp018.dgn		DRAWN	REVISED			361	06-00214-10-BR	KANE	219	91	
PLOT SCALE = 1:50,000		CHECKED	REVISED			CONTRACT NO. 63073					
PLOT DATE = 4/29/2009		DATE	REVISED			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

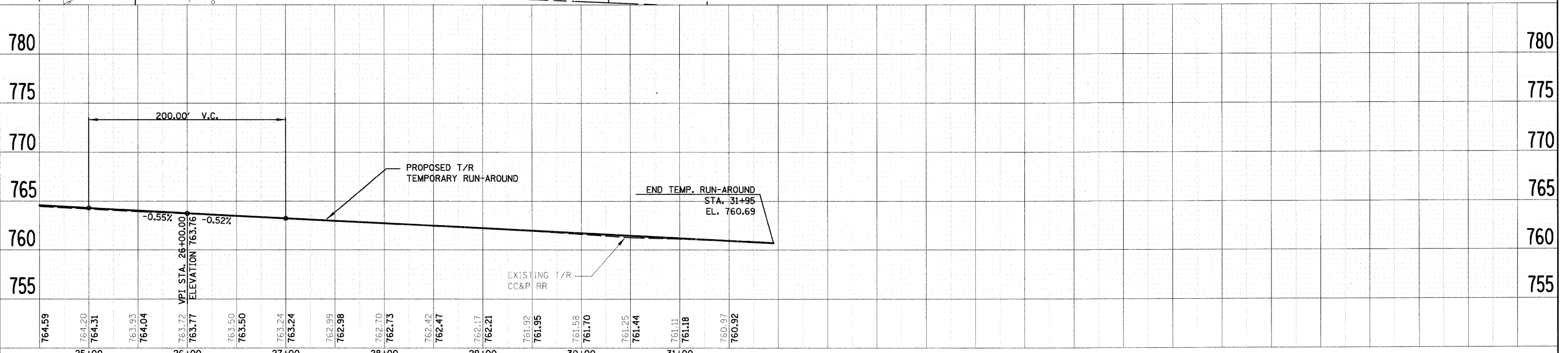
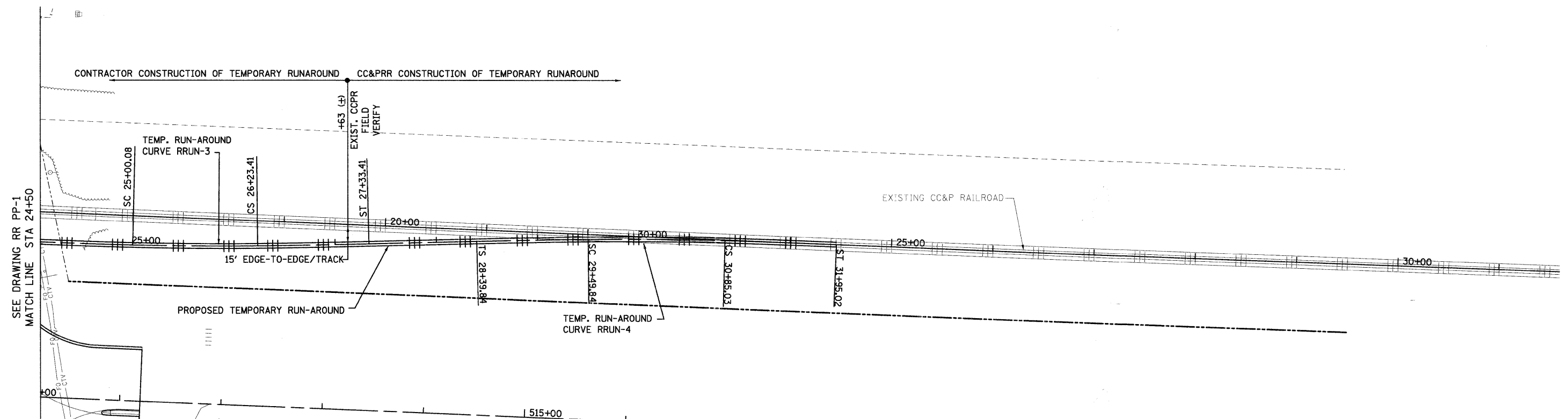


TEMPORARY RUN-AROUND CURVE RRUN-3			COORDINATES			
MAIN PI DATA		CURVE DATA	SPIRAL DATA	NORTH		EAST
PI	25+61.78	Δ 1° 50' 59.8" (LT)	L 110.00'	TS	1,934,984.8459	988,902.7077
N	1,934,978.3664	D 1° 30' 00.2"	R 3,819.61'	SC	1,934,981.2226	989,012.6469
E	989,074.2882	T 61.67'	Ø 0° 16' 30.0"	CS	1,934,980.3344	989,135.9642
Δ	3° 30' 00" (LT)	L 123.33'	LT 73.33'	ST	1,934,982.3738	989,245.9443
Ts	171.7028'	R 3,819.61'	ST 36.67'			

TEMPORARY RUN-AROUND CURVE RRUN-4			COORDINATES			
MAIN PI DATA		CURVE DATA	SPIRAL DATA	NORTH		EAST
PI	30+17.48	Δ 2° 01' 40.5" (RT)	L 109.99'	TS	1,934,984.8579	989,352.3496
N	1,934,989.0038	D 1° 30' 00.2"	R 3,819.61'	SC	1,934,986.8973	989,462.3297
E	989,529.9397	T 67.60'	Ø 0° 16' 29.94"	CS	1,934,985.7137	989,597.5082
Δ	3° 40' 40" (RT)	L 135.19'	LT 73.33'	ST	1,934,981.7494	989,707.4258
Ts	177.63'	R 3,819.61'	ST 36.66'			

PLAN	SURVEYED	DATE
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PROFILE	SURVEYED	DATE
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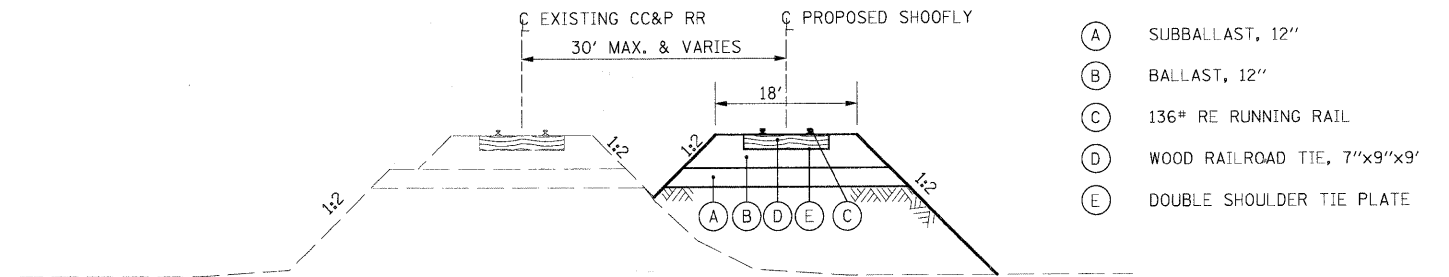


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PLOT SCALE = 1:50,000	CHECKED -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			
PLOT DATE = 3/29/2009	DATE = 3/27/09	REVISED -						CONTRACT NO. 63073			

NOTES:

THE CHICAGO CENTRAL AND PACIFIC RAILROAD COMPANY WILL:

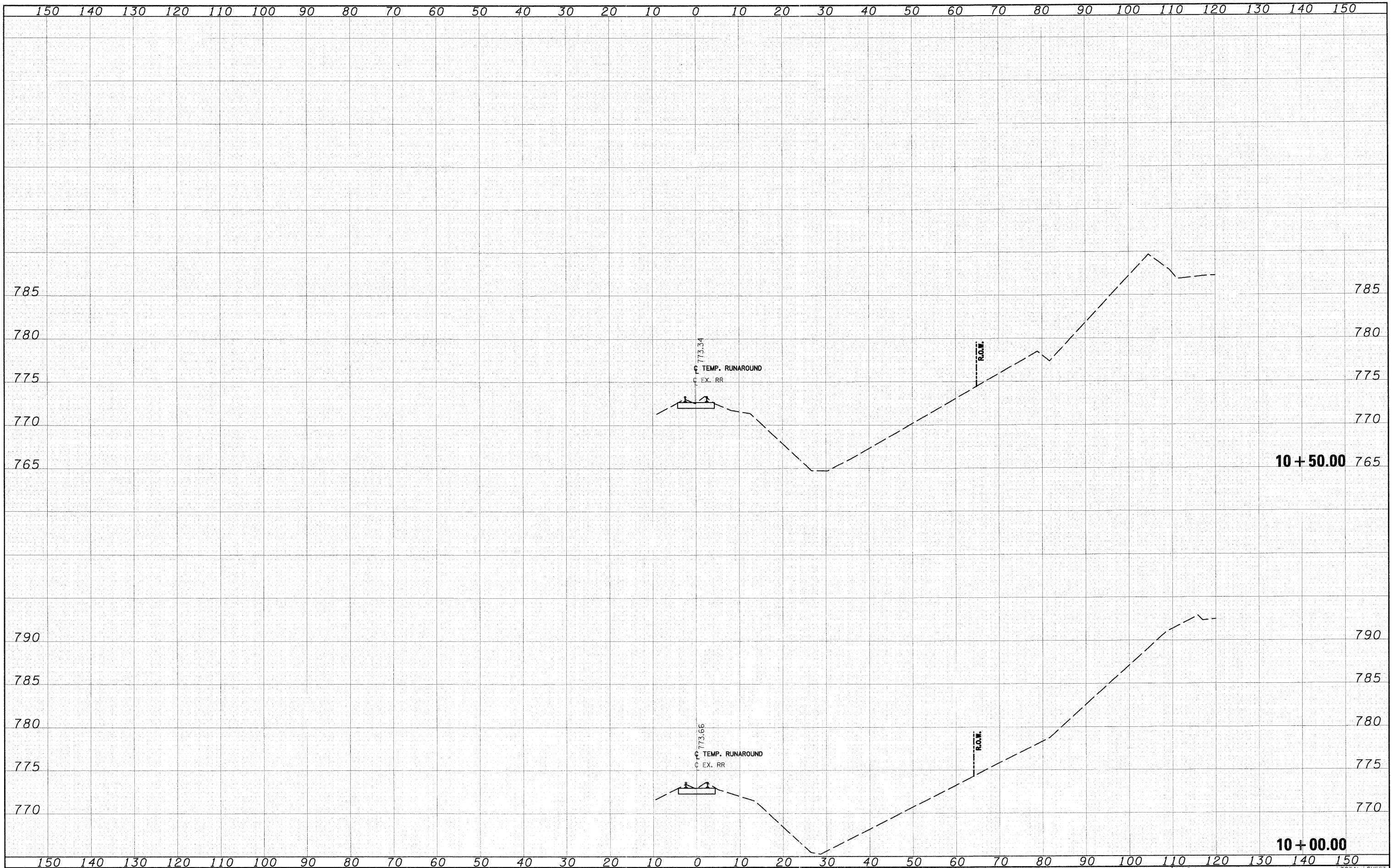
1. FURNISH ALL THE LABOR, MATERIALS AND WORK EQUIPMENT REQUIRED TO PERFORM AND COMPLETE ALL TEMPORARY AND PERMANENT ALTERATIONS OR RELOCATIONS OF COMMUNICATION AND SIGNAL WIRE LINES, SIGNALS AND RAILROAD APPURTENANCES ON ITS RIGHT OF WAY.
2. FURNISH RAILS FOR INSTALLATION BY CONTRACTOR FOR THE RUNAROUND ON EMBANKMENT. MAINTAIN TRACK STRUCTURE WHILE OPERATING ON RUNAROUND.
3. FURNISH AND INSTALL BALLAST, TIES, RAILS AND ALL OTHER TRACK MATERIAL FOR THE PERMANENT TRACK, INCLUDING THE TRACK ON THE NEW STRUCTURE.
4. FURNISH FLAGMEN AND OTHER PERSONNEL AS REQUIRED TO PROTECT RAILROAD TRAFFIC IN CONNECTION WITH THE WORK TO BE PERFORMED BY THE CONTRACTOR. IT IS ESTIMATED THAT THAT ONE FLAGGER WILL BE REQUIRED FOR 200 DAYS.
5. PERFORM (a) THE REASONABLE AND ESSENTIAL FIELD AND CONSTRUCTION ENGINEERING FOR CARRYING OUT ANY WORK TO BE PERFORMED BY CHICAGO CENTRAL AND PACIFIC RAILROAD COMPANY, INCLUDING THE CHECKING OF SHOP PLANS AS WILL BE PREPARED BY THE CONTRACTOR FOR THE FABRICATION OF THE STEEL SUPERSTRUCTURE, AND (b) THE INSPECTION OF THE ERECTION AND CONSTRUCTION OF THE UNDERPASS STRUCTURE AS WELL AS THE TEMPORARY STRUCTURE AND TRACK.
6. PERFORM INCIDENTAL WORK NECESSARY TO COMPLETE THE ITEM(S) HEREINABOVE SPECIFIED.
 - (eg:) PERFORMING THE "CUT OVER" BY SHIFTING OR INSTALLING TRACK CONNECTING THE EXISTING ALIGNMENT TO THE TEMPORARY ALIGNMENT.
 - PERFORMING THE "CUT OVER" BY SHIFTING OR INSTALLING TRACK CONNECTING THE TEMPORARY ALIGNMENT TO THE PERMANENT ALIGNMENT.



**PROPOSED RUNAROUND
CN RAILROAD**

- (A) SUBBALLAST, 12"
- (B) BALLAST, 12"
- (C) 136# RE RUNNING RAIL
- (D) WOOD RAILROAD TIE, 7"x9"x9'
- (E) DOUBLE SHOULDER TIE PLATE

FILE NAME = I:\Dgn\Civil\Sheet\ts004.dgn	USER NAME = JFiguro	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 CC&P RR TEMPORARY RUN-AROUND TYPICAL SECTION & NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1:10	DRAWN -	REVISED -			361	06-00214-10-BR	KANE	219	93
	PLOT DATE = 4/29/2009	CHECKED -	REVISED -			CONTRACT NO. 63073				
	DATE = 3/27/09	DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO. OF SHEETS	STA. TO STA.			



FINAL	SURVEYED	DATE
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NOTE BOOK	AREAS	
NO.	CHECKED	

ORIGINAL	SURVEYED	DATE
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USER NAME = tthornton
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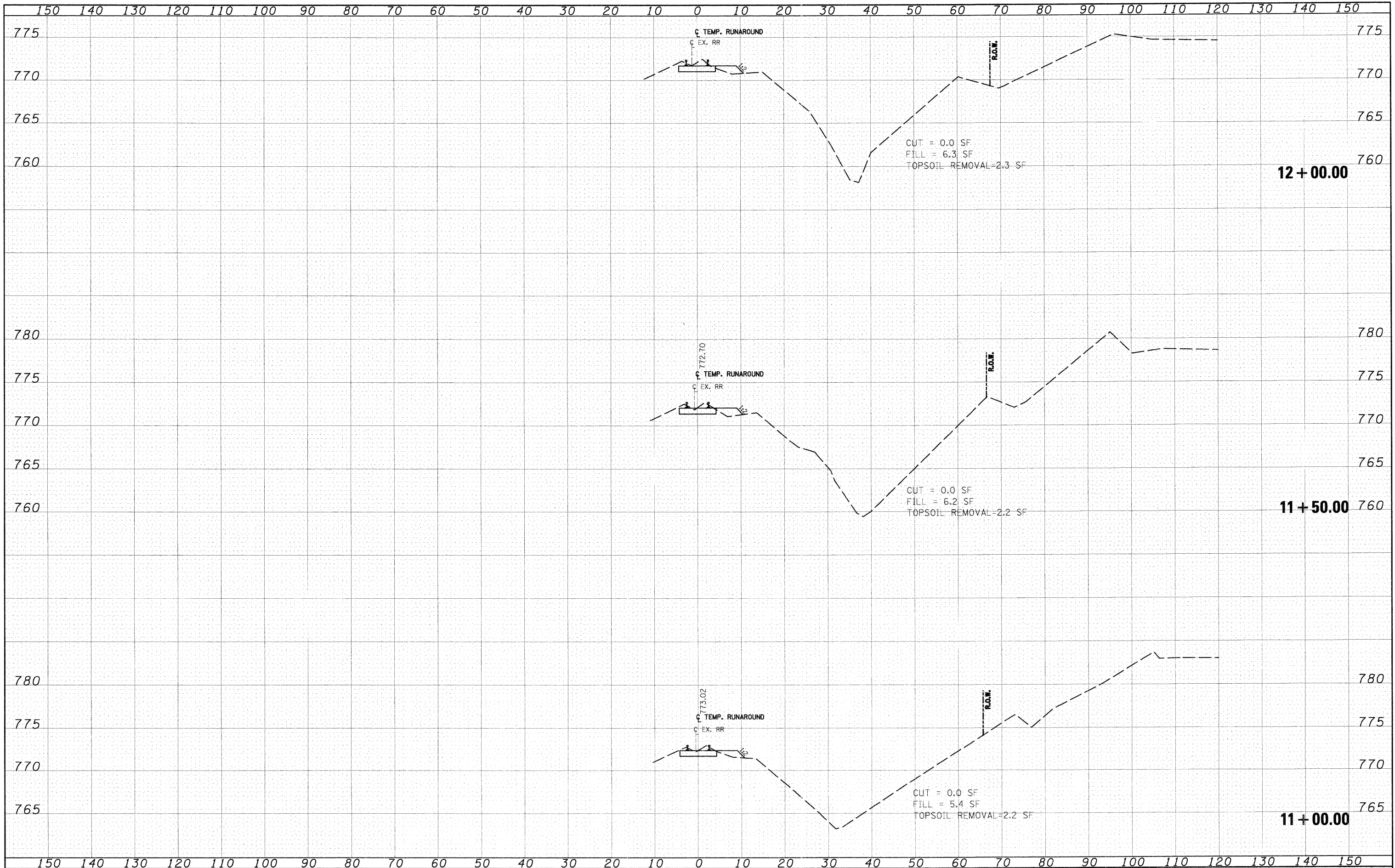
**KANE COUNTY
 DEPARTMENT OF TRANSPORTATION**

CC&P RR TEMPORARY RUN-AROUND CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	94
CONTRACT NO. 63073				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	BY
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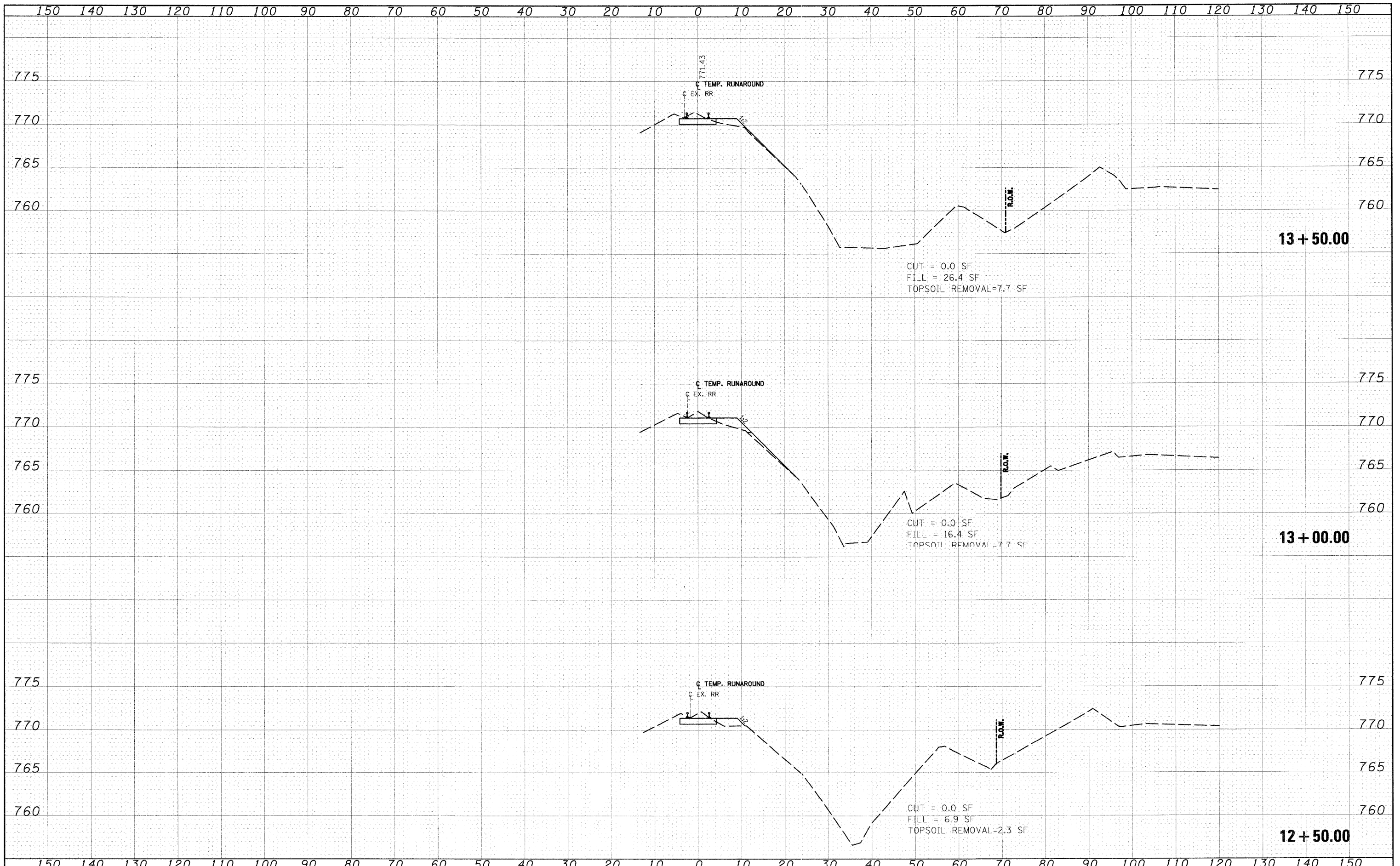
**KANE COUNTY
 DEPARTMENT OF TRANSPORTATION**

CC&P RR TEMPORARY RUN-AROUND CROSS SECTIONS
 SCALE: 1"=10'H; 1"=5'V SHEET NO. 2 OF 25 SHEETS STA. 11+00.00 TO STA. 12+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-10-BR	KANE	219	95
CONTRACT NO. 63073				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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



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	DRAWN - KBN	REVISED -
PLOT SCALE = 1:10	CHECKED - TMT	REVISED -
PLOT DATE = 4/29/2009	DATE - 3/27/09	REVISED -

**KANE COUNTY
DEPARTMENT OF TRANSPORTATION**

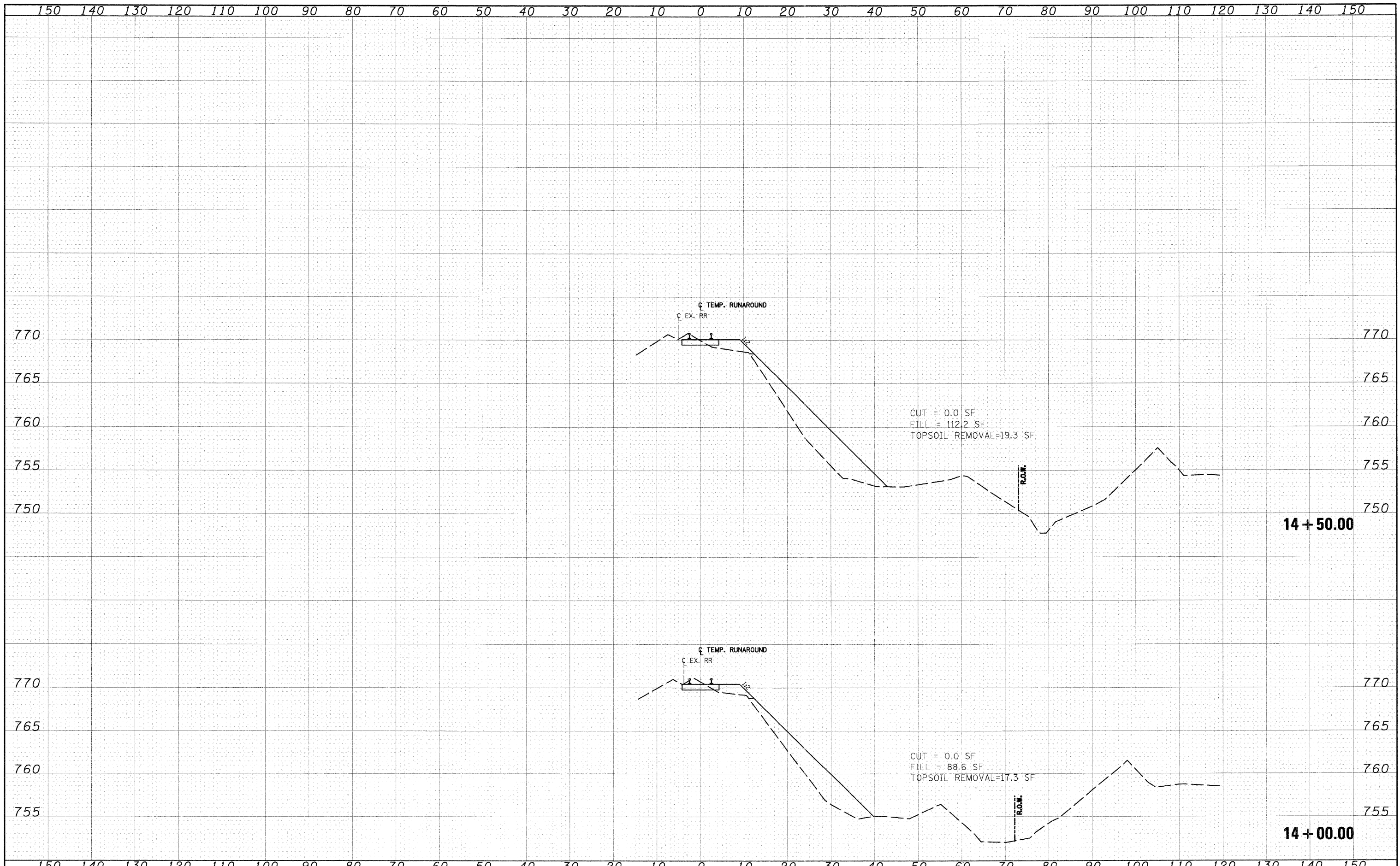
CC&P RR TEMPORARY RUN-AROUND CROSS SECTIONS

SCALE: 1"=10'H; 1"=5'V SHEET NO. 3 OF 25 SHEETS STA. 12+50.00 TO STA. 13+50.00

F.A.P. RTE. = 361	SECTION = 06-00214-10-BR	COUNTY = KANE	TOTAL SHEETS = 219	SHEET NO. = 96
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 63073	

DATE	
BY	
FINAL SURVEY	
NO. OF SHEETS	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NO. OF SHEETS	
NO.	



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	DATE - 3/27/09	REVISED -

**KANE COUNTY
DEPARTMENT OF TRANSPORTATION**

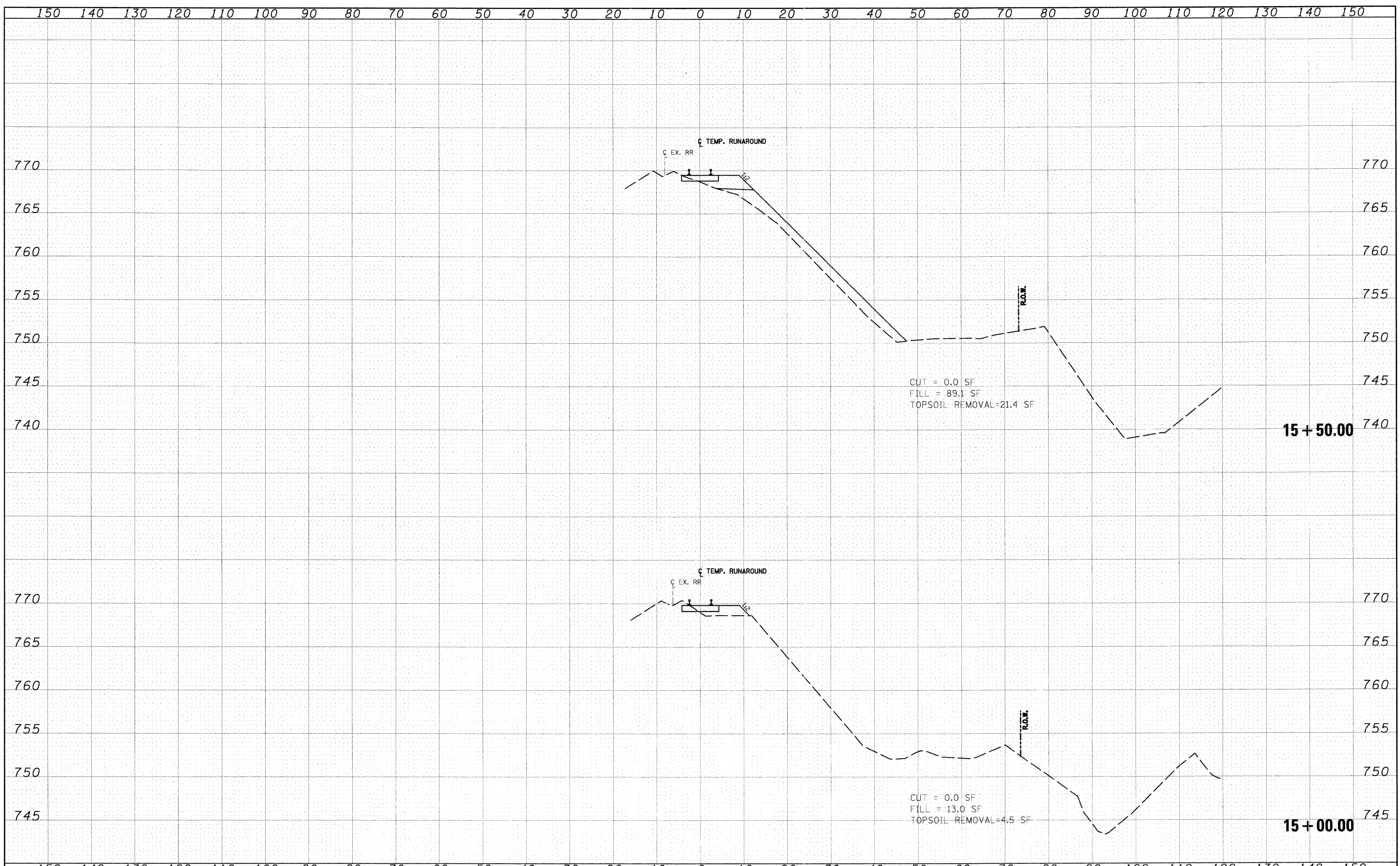
CC&P RR TEMPORARY RUN-AROUND CROSS SECTIONS

SCALE: 1"=10'H; 1"=5'V SHEET NO. 4 OF 25 SHEETS STA. 14+00.00 TO STA. 14+50.00

F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 97
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 63073

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

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



CUT = 0.0 SF
 FILL = 89.1 SF
 TOPSOIL REMOVAL = 21.4 SF

CUT = 0.0 SF
 FILL = 13.0 SF
 TOPSOIL REMOVAL = 4.5 SF

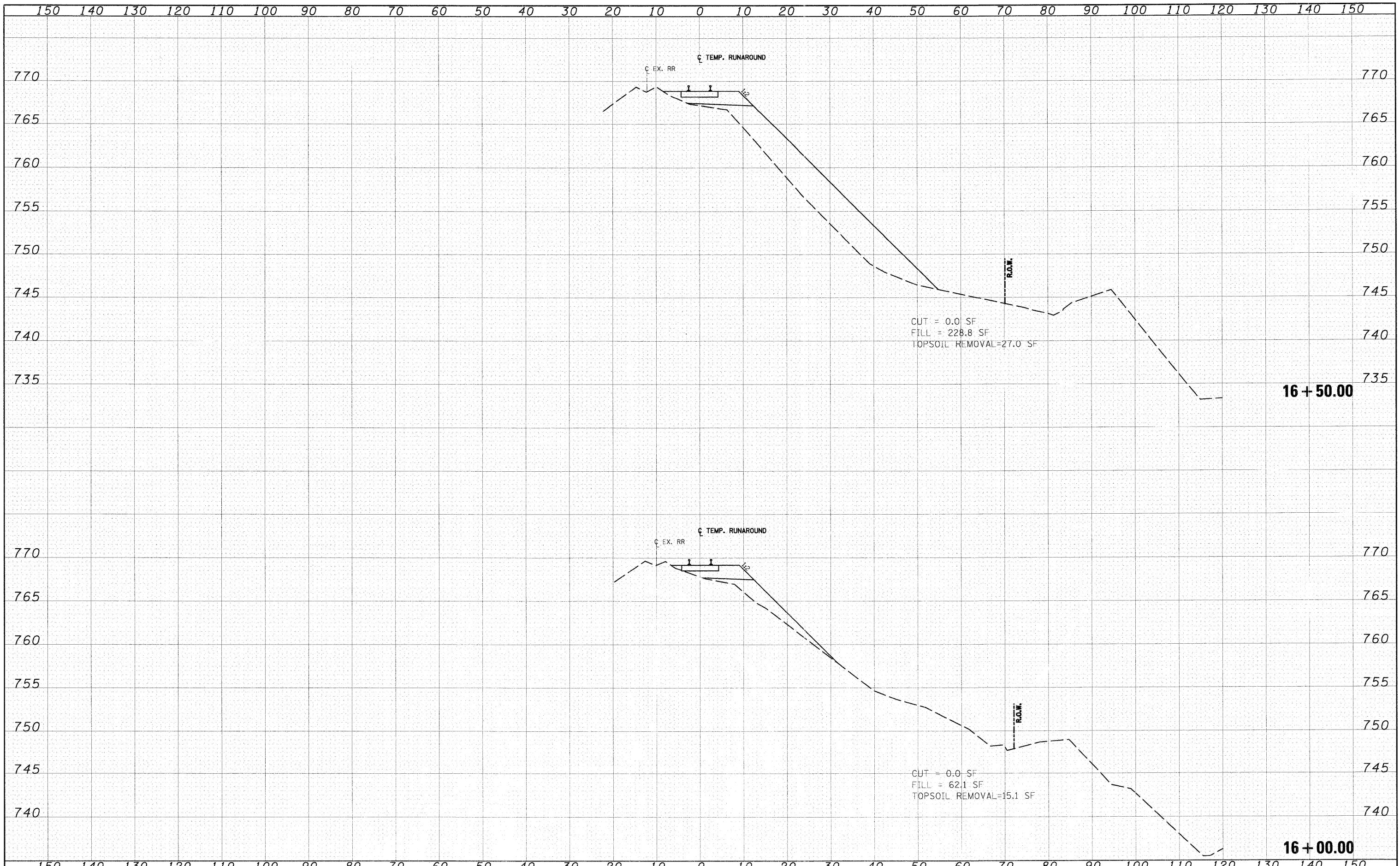
15 + 50.00

15 + 00.00

FILE NAME = I:\Dgn\Civil\Sheet\ks283.dgn	USER NAME = tthornon	DESIGNED - KBN	REVISED	KANE COUNTY DEPARTMENT OF TRANSPORTATION	CC&P RR TEMPORARY RUN-AROUND CROSS SECTIONS	F.A.P. RTE. = 361	SECTION = 06-00214-10-BR	COUNTY = KANE	TOTAL SHEETS = 219	SHEET NO. = 98		
PLOT SCALE = 1:10	CHECKED - TMT	REVISOR	SCALE: 1"=10'H; 1"=5'V			SHEET NO. 5 OF 25 SHEETS	STA. 15+00.00 TO STA. 15+50.00	CONTRACT NO. 63073				
PLOT DATE = 4/29/2009	DATE = 3/27/09	REVISOR	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

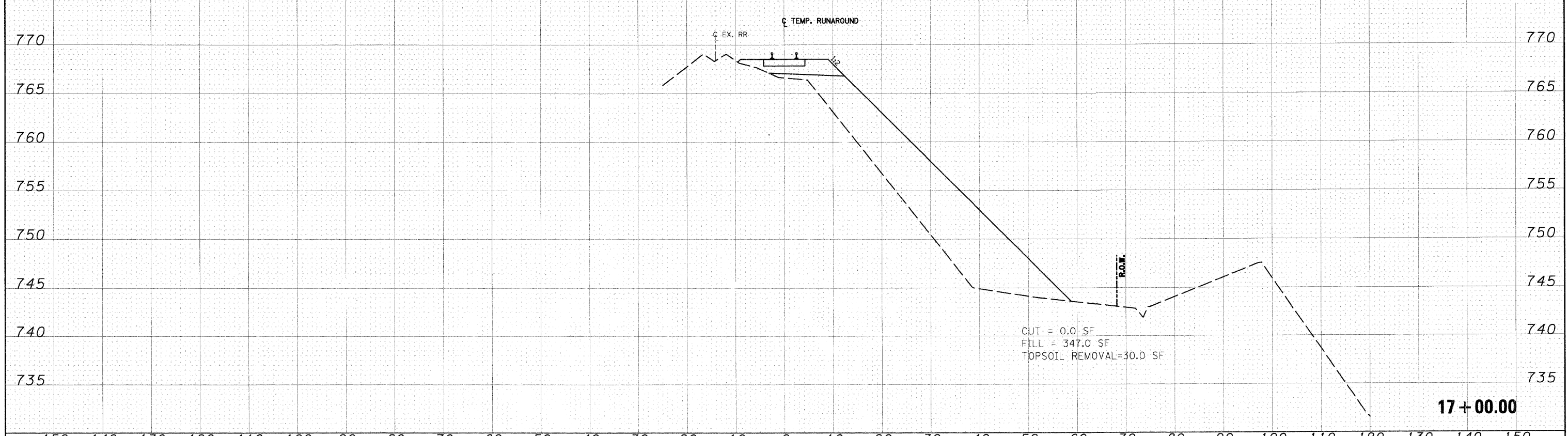
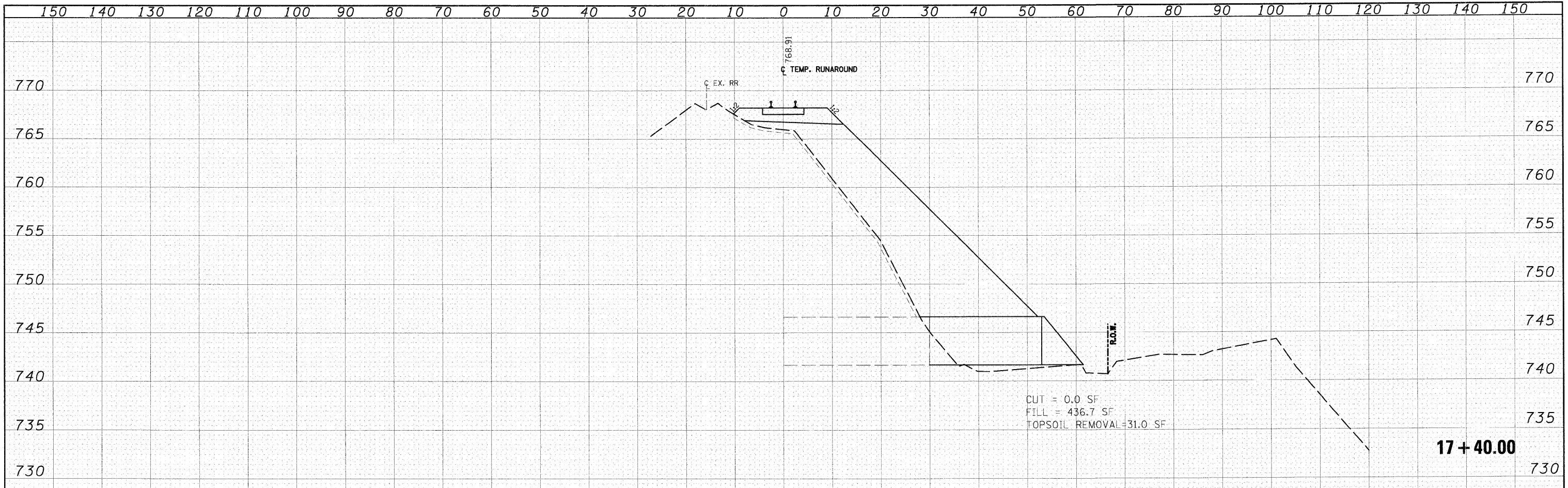
BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = I:\Dgn\Civil\Sheet\xs03.dgn	USER NAME = tthornton	DESIGNED - KBN	REVISED	KANE COUNTY DEPARTMENT OF TRANSPORTATION	CC&P RR TEMPORARY RUN-AROUND CROSS SECTIONS	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 99		
PLOT SCALE = 1:10	CHECKED - TMT	REVISED -	SCALE: 1"=10'H; 1"=5'V			SHEET NO. 6 OF 25 SHEETS	STA. 16+00.00 TO STA. 16+50.00	CONTRACT NO. 63073				
PLOT DATE = 4/29/2009	DATE - 3/27/09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT									

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

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



FILE NAME =	USER NAME = tthornton	DESIGNED - KBN	REVISED -	KANE COUNTY DEPARTMENT OF TRANSPORTATION	CC&P RR TEMPORARY RUN-AROUND CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\Dgn\Civil\Sheet\xs03.dgn	PLOT SCALE = 1:10	DRAWN - KBN	REVISED -			361	06-00214-10-BR	KANE	219	100
PLOT DATE = 4/29/2009	DATE = 3/27/09	CHECKED - TMT	REVISED -			CONTRACT NO. 63073				
SCALE: 1"=10'H; 1"=5'V SHEET NO. 7 OF 25 SHEETS STA. 17+00.00 TO STA. 17+50.00						FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				