

F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 60E65		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

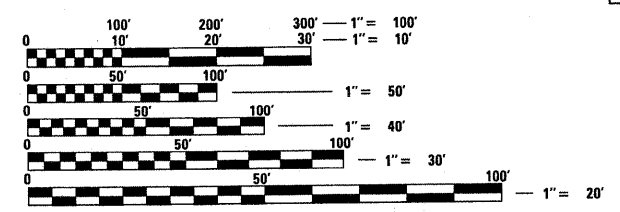
**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 347 / ILL 38 (ROOSEVELT ROAD)
AT GARY'S MILL ROAD
SECTION: 2 Y-N
CHANNELIZATION
PROJECT: *HSIP-0347(022)*
DUPAGE COUNTY
C-91-499-08

FOR INDEX OF SHEETS, SEE SHEET NO. 2

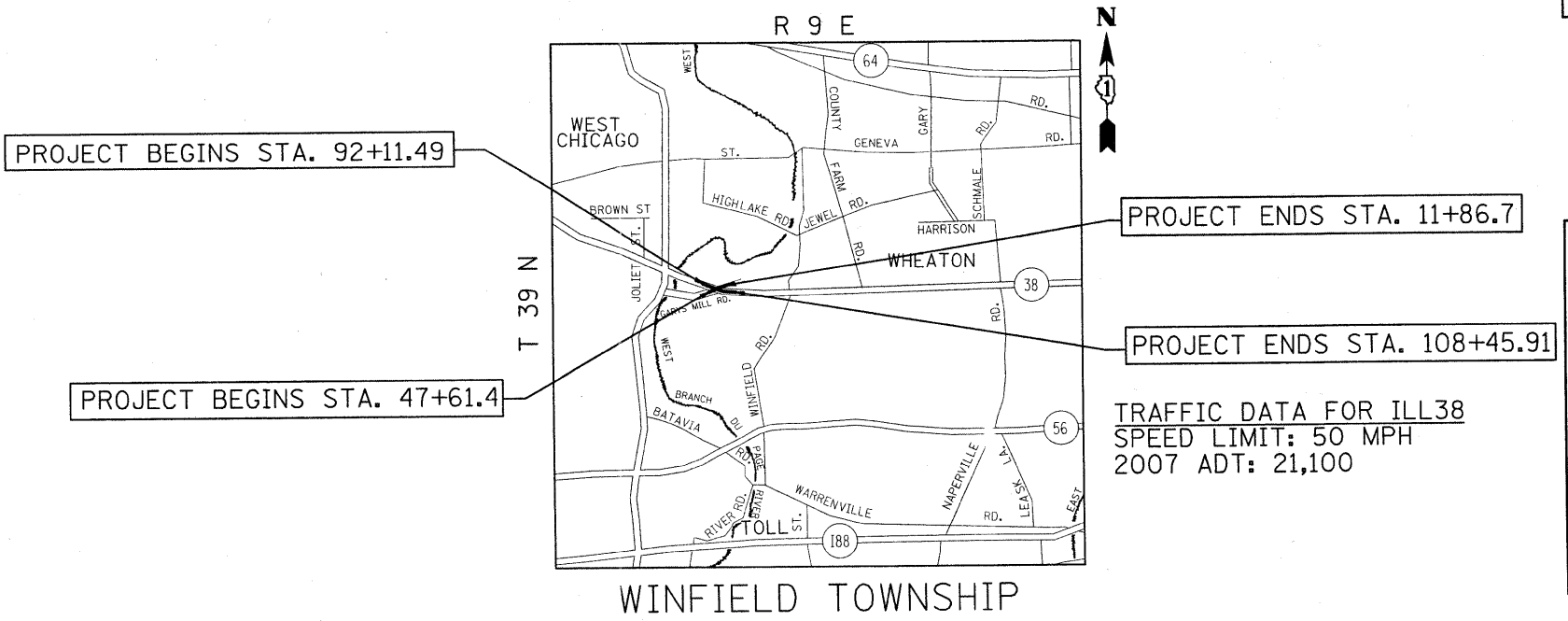
PROJECT IS LOCATED IN
UNINCORPORATED DUPAGE COUNTY

D-91-499-08



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

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



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MARCH 13, 2009

Diana M. D'Neefe SE
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 8, 2009

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

Christine M. Reed RD
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240
PROJECT MANAGER: KEN ENG

CONTRACT NO. 60E65

GROSS LENGTH OF PROJECT = NET LENGTH OF PROJECT = 1634.4 FEET (0.31 MILES)

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5	TYPICAL SECTIONS
6	SCHEDULE OF QUANTITIES (EARTHWORK)
7	ALIGNMENT, TIES, AND BENCHMARKS
8-9	EXISTING & PROPOSED ROADWAY PLAN
10	STAGING TYPICAL SECTIONS
11-12	SUGGESTED STAGING AND TRAFFIC CONTROL
13	EROSION CONTROL PLAN
14	EROSION CONTROL NOTES
15-16	DRAINAGE AND UTILITY PLAN
17	SUE INVESTIGATION OF UNDERGROUND UTILITIES (FOR INFORMATION ONLY)
18	EXISTING UTILITY PLAN
19	PAVEMENT MARKING AND LANDSCAPING PLANS
20	EXISTING & PROPOSED LIGHTING PLANS
21	DRIVEWAY DETAILS DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5M) (BD-01)
22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
23	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
24	BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS (BD-32)
25	BENCHING DETAIL FOR EMBANKMENT WIDENING (BD-51)
26	LUMINARE SAFETY CABLE ASSEMBLY (BE 701)
27	MISCELLANEOUS ELECTRICAL DETAILS SHEET A (BE 702)
28	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS (TC-18)
29	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
30	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)
31	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
32	PAVEMENT MARKING LETTER AND SYMBOLS FOR TRAFFIC STAGING (TC-16)
33	ARTERIAL ROAD INFORMATION SIGNING (TC-22)
34	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
35-40	CROSS-SECTIONS

LIST OF STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C & D PATCHES
482001-02	BITUMINOUS SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
601001-03	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-01	CATCH BASIN, TYPE A
604036-02	GRATE, TYPE 8
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-06	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
701421-02	LANE CLOSURES, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701422-02	LANE CLOSURES, MULTILANE, FOR SPEEDS >45 MPH TO 55 MPH
701901-01	TRAFFIC CONTROL DEVICES

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE COUNTY OF DUPAGE. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 45 MPH (80KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H), WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.

ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO DISTRICT 1 TYPICAL PAVEMENT MARKING.

THE RESIDENT ENGINEER SHALL CONTACT MR. DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT (847) 741-5302 (OFFICE) A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE DISTRICT STANDARDS AS NOTED IN THE DETAIL.

PRIOR TO EMBANKMENT PLACEMENT, ALL VEGETATION, LOOSE MATERIAL, AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL. ANY EMBANKMENT WIDENING ON EXISTING SLOPES SHOULD BE BENCHED IN ACCORDANCE WITH ARTICLE 205.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE UNIT WEIGHT (CONVERSION FACTOR) QUOTED IS FOR THE ESTIMATING PLAN QUANTITIES ONLY. ACTUAL QUANTITIES TO FULFILL CONTRACT REQUIREMENTS WILL BE DETERMINED BASED ON UNIT WEIGHT OF APPROVED MIX DESIGN, PLAN DIMENSIONS, AND DENSITY LIMITATIONS. MAXIMUM PAYMENT WILL BE COMPUTED BASED ON WEIGHT AVERAGE DENSITIES OF THE IN-PLACE MIXTURE.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK AT (847) 705-4470.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

COMED WIRES ARE NOT INSULATED AND EXTRA CAUTION AND VIGILANCE MUST BE ADHERED TO WHEN WORKING AROUND THEM. CONTRACTORS SHOULD ALWAYS USE CAUTION IN OPERATING CRANES AND OR OTHER EQUIPMENT NEAR OVERHEAD ELECTRICAL FACILITIES. THE OCCUPATIONAL HEALTH AND SAFETY ORGANIZATION (OSHA) RULES REQUIRE THAT WORKERS AND EQUIPMENT SHALL NOT APPROACH WITHIN TEN (10) FEET AWAY OF OVERHEAD ELECTRICAL EQUIPMENT WITHOUT APPROPRIATE SUPPLEMENTAL PROTECTION. PLEASE BE CERTAIN THAT ALL WORKERS ON THIS PROJECT HAVE BEEN FULLY TRAINED AND CONFORM TO OSHA RULES AND OTHER APPLICABLE GUIDELINES REGARDING WORKING SAFELY AROUND ELECTRICAL POWER LINES.

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 38 (ROOSEVELT ROAD) AT GARY'S MILL ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01\pw_work\pwidot\banks1\dms93682\PI32697-design.dgn	DRAWN -	REVISED -	347			2Y-N	DUPAGE	40	2	
PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 60E65							
PLOT DATE = 3/19/2009	DATE -	REVISED -	SCALE:			SHEET NO.	OF	SHEETS	STA.	TO

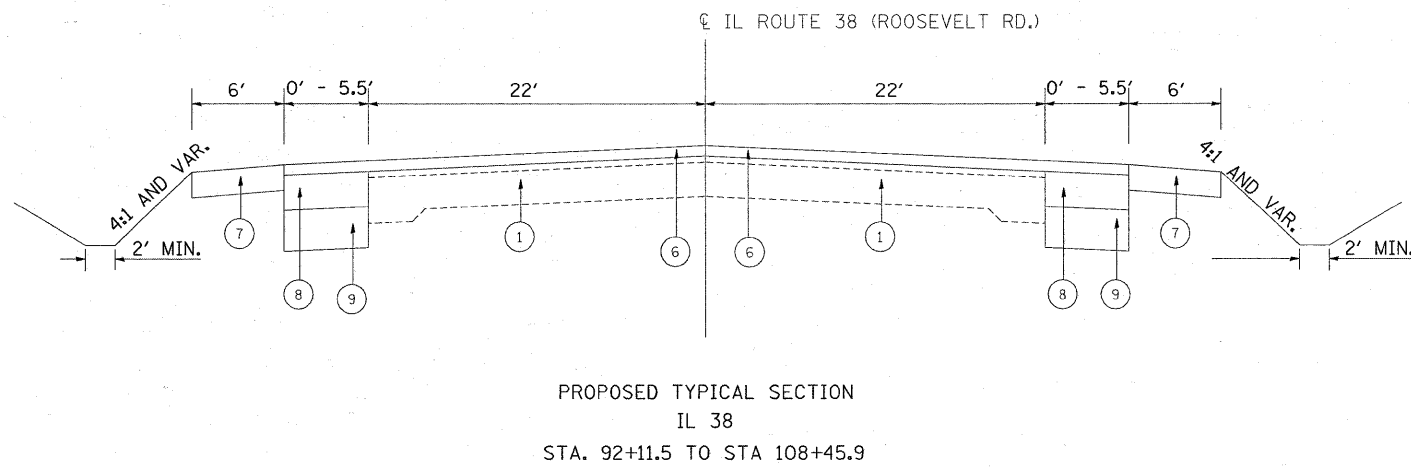
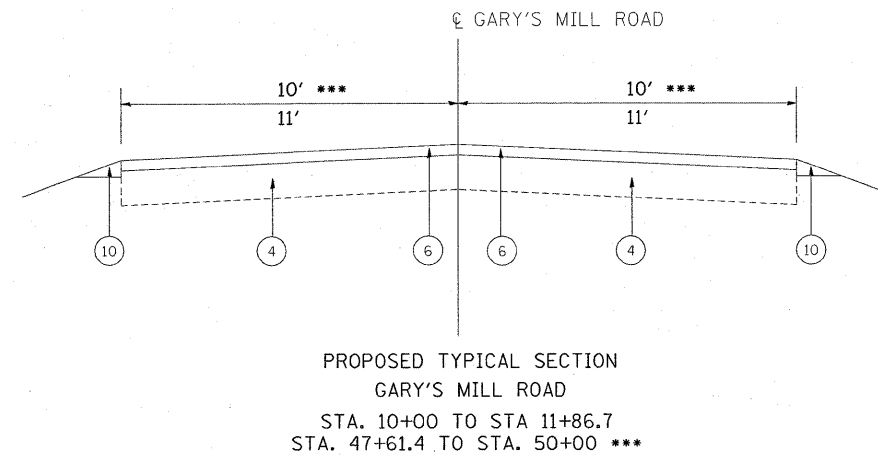
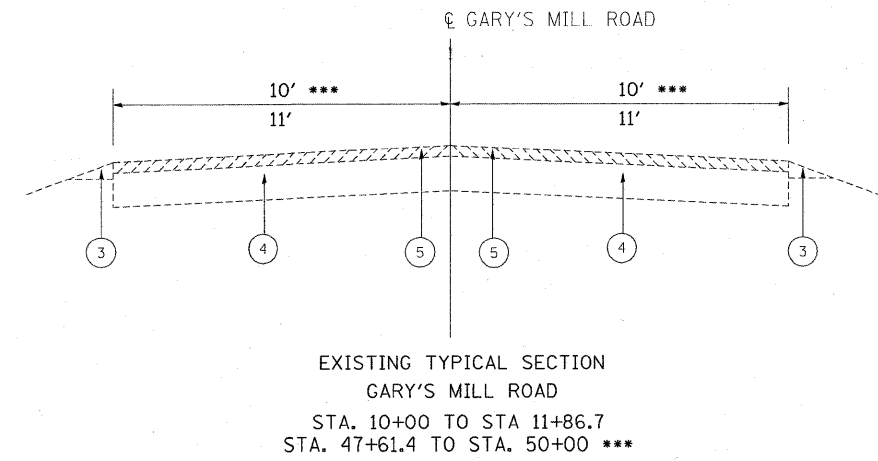
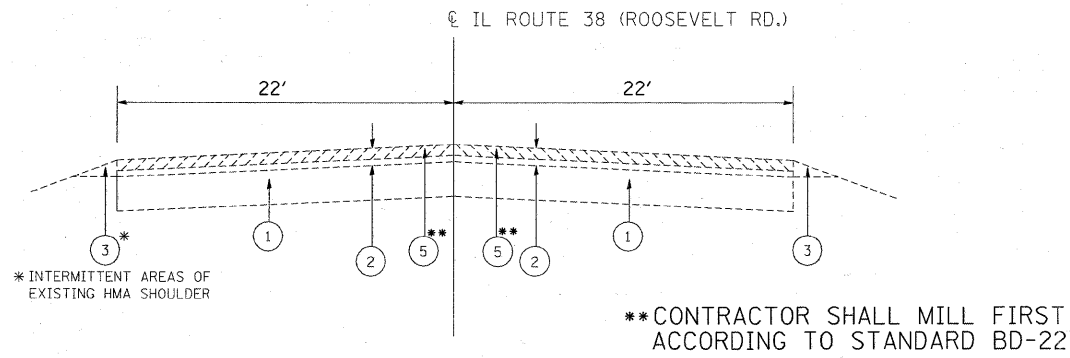
SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		1000 FED. 90% STATE 10%						CODE NO	ITEM		UNIT	1000 FED. 90% STATE 10%				
20200100	EARTH EXCAVATION	CU YD	1235	1235					550A0040	STORM SEWERS, CLASS A, TYPE 1 10"	FOOT	25	25					
20201006	GRADING AND SHAPING SHOULDERS	UNIT	2	2					60107600	PIPE UNDERDRAINS 4"	FOOT	400	400					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1039	1039					60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1					
20800150	TRENCH BACKFILL	CU YD	29	29					60600605	CONCRETE CURB, TYPE B	FOOT	294	294					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	3631	3631					60602800	CONCRETE GUTTER, TYPE B	FOOT	664	664					
25000210	SEEDING, CLASS 2A	ACRE	0.8	0.8					60603300	GUTTER OUTLET	EACH	4	4					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	71	71					* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	12.5	12.5					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	71	71					67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	71	71					67100100	MOBILIZATION	L SUM	1	1					
25100630	EROSION CONTROL BLANKET	SO YD	3800	3800					70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
25200200	SUPPLEMENTAL WATERING	UNIT	38	38					70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1060	1060					
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	79	79					70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	9496	9496					
28000300	TEMPORARY DITCH CHECKS	EACH	16	16					70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	430	430					
28000400	PERIMETER EROSION BARRIER	FOOT	3265	3265					70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	60	60					
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	130	130					70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	87	87					
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	939	939					70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	177	177					
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	4.3	4.3					* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	154.8	154.8					
40600300	AGGREGATE (PRIME COAT)	TON	21.7	21.7					* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9496	9496					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	2.7	2.7					* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	430	430					
40600895	CONSTRUCTING TEST STRIP	EACH	1	1					* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	60	60					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	66	66					* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	87	87					
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	120	120					* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	186	186					
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	1250	1250					78300100	PAVEMENT MARKING REMOVAL	SO FT	625	625					
42001300	PROTECTIVE COAT	SO YD	163	163					78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	140	140					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	9069	9069					* 81018900	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	60	60					
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	2567	2567					* 81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	30	30					
44000300	CURB REMOVAL	FOOT	511	511					* 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1	1					
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	74	74					* 89501510	RELOCATE EXISTING FLASHING BEACON	EACH	2	2					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	8	8					* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	150	150					
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	1816	1816					* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	2					
50104400	CONCRETE HEADWALL REMOVAL	EACH	1	1														
54010202	PRECAST CONCRETE BOX CULVERT 2' X 2'	FOOT	12	12														
54200430	PIPE CULVERTS, TYPE 1 RCCP 15"	FOOT	501	501														
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	14	14														

* Specialty Items

SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000 FED. 90% STATE 10%						CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000 FED. 90% STATE 10%					
* X0301503	RELOCATE EXISTING METAL POLE FOUNDATION	EACH	1	1															
X0322256	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4															
X0322654	GRADE AND SHAPE MEDIAN DITCH CHECKS	EACH	1	1															
* X0322730	TELEVISION INSPECTION OF BOX CULVERT	L SUM	1	1															
* X0323574	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	6	6															
* X0324387	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	1	1															
X0325775	WET REFLECTIVE TEMPORARY TAPE, TYPE III, 4 INCH	FOOT	22058	22058															
X0325837	WET REFLECTIVE TEMPORARY TAPE TYPE III, 6 INCH	FOOT	1078	1078															
X0325842	WET REFLECTIVE TEMPORARY TAPE, TYPE III, LETTERS AND SYMBOLS	SO FT	77.2	77.2															
X0545000	BOX CULVERT REMOVAL	FOOT	5	5															
X0914000	PRECAST CONCRETE BOX CULVERT END SECTIONS 2' X 2'	EACH	1	1															
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	2	2															
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	10	10															
XX000856	MAILBOX REMOVAL AND RELOCATION	EACH	5	5															
Z0001050	AGGREGATE SUBGRADE 12"	SO YD	1765	1765															
NP Z0005305	BOX CULVERTS TO BE CLEANED	FOOT	75	75															
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1															
X8160310	UNIT DUCT, 600V, 2-1C NO. 10, 1/C NO. 10 GROUND, (EPR-TYPE RHW), 1" DIA. POLYETHYLENE DIA.	FOOT	100	100															
35600718	HOT-MIX ASPHALT BASE COURSE WIDENING, 10 1/2"	SO YD	1765	1765															

NP = Non-participating

*specialty items



HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
SHOULDERS		
HOT-MIX ASPHALT SHOULDERS, 6"	PG 64-22**	2% @ 30 GYR
RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	SBS/SBR PG 70-22	4% @ 90 GYR
PAVEMENT WIDENING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	SBS/SBR PG 70-22	4% @ 90 GYR
POLYMERIZED HOT-MIX ASPHALT BINDER IL19, N90	SBS/SBR PG 70-22	4% @ 90 GYR
DRIVEWAYS		
HMA SURFACE COURSE, MIX C, N50 (IL 9.5 mm); 2"	PG 64-22	4% @ 50 GYR
HMA BASE COURSE (HMA BINDER IL-19mm); PE - 6", CE - 8"	PG 64-22**	4% @ 50 GYR
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	PG 64-22**	4% @ 70 GYR

"THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/ SQ YD/IN"
 **WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58 -22.

LEGEND

- 1 EXISTING PCC BASE COURSE 8"
- 6 PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, IL 9.5 (2")
- 2 EXISTING HMA OVERLAY ± 8"
- 7 PROPOSED HOT-MIX ASPHALT SHOULDER, 6"
- 3 EXISTING AGGREGATE SHOULDER
- 8 PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER IL 19, N90, 10½"
- 4 EXISTING HMA PAVEMENT ±6.5"
- 9 PROPOSED AGGREGATE SUBGRADE 12"
- 5 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- 10 PROPOSED AGGREGATE SHOULDER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	2 Y-N	DUPAGE	40	6
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

EARTHWORK

1 IL. ROUTE 38 AT GARY'S MILL ROAD	2		3		4		5		6		7	
	EARTH EXCAVATION (CU YD)		UNSUITABLE MATERIAL (CU YD)		EMBANKMENT (CU YD)		ADJUSTMENT FOR SHRINKAGE (CU YD)		EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		TOP SOIL FURNISH AND PLACE (SQ YD)	
	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II
IL ROUTE 38 (STA. 92+33.28 TO STA. 93+00)	14	31	12	32	1	9	11.9	26.4	10.9	17.4		
IL ROUTE 38 (STA. 93+00 TO STA. 94+00)	47	77	42	54	4	21	40	65.5	36	44.5		
IL ROUTE 38 (STA. 94+00 TO STA. 95+00)	79	64	49	56	2	14	67.2	54.4	65.2	40.4		
IL ROUTE 38 (STA. 95+00 TO STA. 95+30.82)	18	33	8	17	0	1	15.3	28.1	15.3	27.1		
IL ROUTE 38 (STA. 95+30.82 TO STA. 95+56.63)	7	29	3	7	0	0	6.0	24.7	6.0	24.7		
IL ROUTE 38 (STA. 95+56.63 TO STA. 96+00)	14	22	8	13	1	6	11.9	18.7	10.9	12.7		
IL ROUTE 38 (STA. 96+00 TO STA. 96+22.69)	7	11	10	12	1	4	6.0	9.4	5.0	5.4		
IL ROUTE 38 (STA. 96+22.69 TO STA. 97+00)	56	32	48	38	0	6	47.6	27.2	47.6	21.2		
IL ROUTE 38 (STA. 97+00 TO STA. 98+00)	73	36	45	49	4	42	62.1	30.6	58.1	-11.4		
IL ROUTE 38 (STA. 98+00 TO STA. 99+00)	17	24	18	45	4	46	14.5	20.4	10.5	-25.6		
IL ROUTE 38 (STA. 99+00 TO STA. 99+53)	0	12	0	11	0	7	0	10.2	0	3.2		
IL ROUTE 38 (STA. 99+53 TO STA. 100+00)	11	22	7	12	0	4	9.4	18.7	9.4	14.7		
IL ROUTE 38 (STA. 100+00 TO STA. 101+00)	31	36	14	26	4	6	26.4	30.6	22.4	24.6		
IL ROUTE 38 (STA. 101+00 TO STA. 101+25.04)	4	0	0	0	2	0	3.4	0	1.4	0		
IL ROUTE 38 (STA. 101+25.04 TO STA. 102+00)	22	11	14	11	4	0	18.7	9.4	14.7	9.4		
IL ROUTE 38 (STA. 102+00 TO STA. 103+00)	42	28	38	35	5	2	35.7	23.8	30.7	21.8		
IL ROUTE 38 (STA. 103+00 TO STA. 104+00)	43	28	39	36	6	3	36.6	23.8	30.6	20.8		
IL ROUTE 38 (STA. 104+00 TO STA. 105+00)	33	51	20	41	6	5	28.1	43.4	22.1	38.4		
IL ROUTE 38 (STA. 105+00 TO STA. 105+04.71)	1	3	0	2	0	0	0.9	2.6	0.9	2.6		
IL ROUTE 38 (STA. 105+04.71 TO STA. 105+85.25)	24	32	12	21	6	12	20.4	27.2	14.4	15.2		
IL ROUTE 38 (STA. 105+85.25 TO STA. 106+00)	5	1	6	0	4	3	4.3	0.9	0.3	-2.1		
IL ROUTE 38 (STA. 106+00 TO STA. 106+25)	10	9	11	6	12	3	8.5	7.7	-3.5	4.7		
IL ROUTE 38 (STA. 106+25 TO STA. 106+85)	23	31	32	28	63	3	19.6	26.4	-43.4	23.4		
IL ROUTE 38 (STA. 106+85 TO STA. 107+00)	4	5	9	6	28	2	3.4	4.3	-24.6	2.3		
IL ROUTE 38 (STA. 107+00 TO STA. 107+56.38)	7	8	34	12	107	13	6.0	6.8	-101.0	-6.2		
IL ROUTE 38 (STA. 107+56.38 TO STA. 108+00)	3	2	21	6	45	9	2.6	1.7	-42.4	-7.3		
IL ROUTE 38 (STA. 108+00 TO STA. 108+26.61)	0	2	5	7	9	2	0	1.7	-9.0	-0.3		
TOTAL	595	640	456	583	318	223	506.5	520.8	188.5	321.6	1548	2083

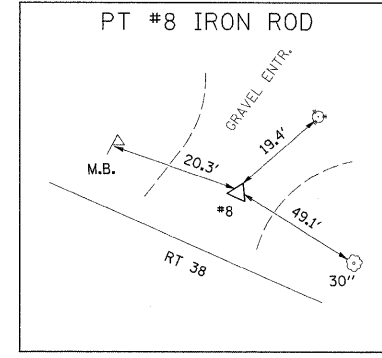
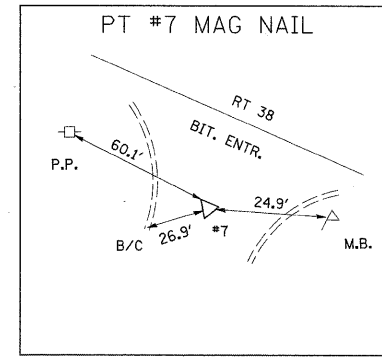
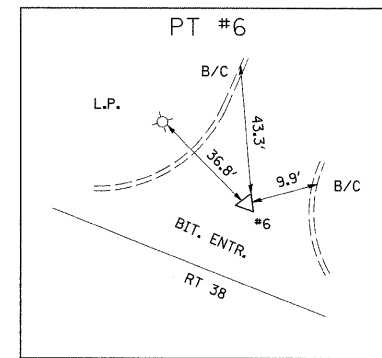
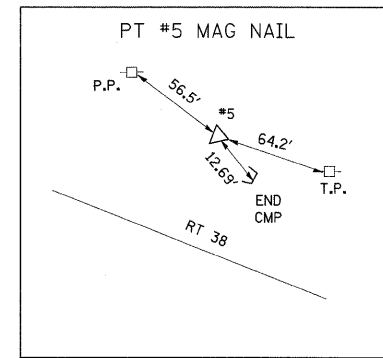
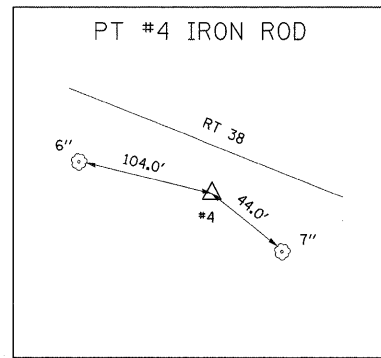
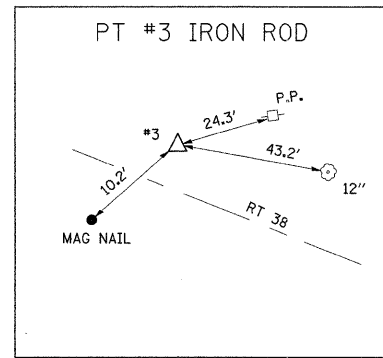
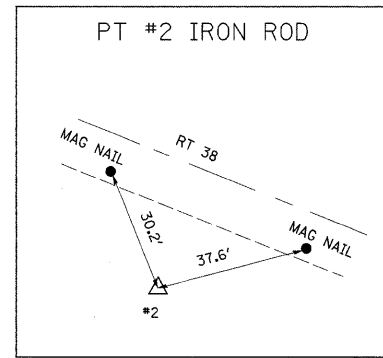
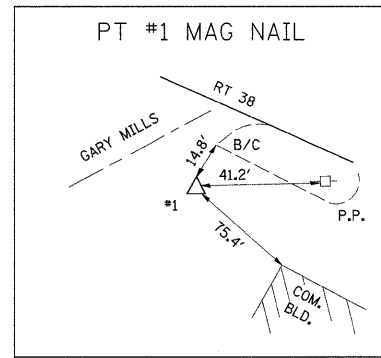
COLUMN 1: LOCATION FROM PLANS
 COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL
 COLUMN 3: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT, ASSUME 6" OF UNSUITABLE MATERIAL
 COLUMN 4: QUANTITIES FROM CROSS SECTIONS (FILL)

COLUMN 5: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR WAS DETERMINED TO BE 15%
 COLUMN 6: COLUMN 5 - COLUMN 4, POSITIVE QUANTITY= EXTRA EXCAVATION, NEGATIVE QUANTITY= FURNISHED EXCAVATION NEEDED
 COLUMN 7: TOPSOIL FURNISH AND PLACE= AREA OF SEEDING AND

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 38 AT GARY'S MILL ROAD
SCHEDULE OF QUANTITIES

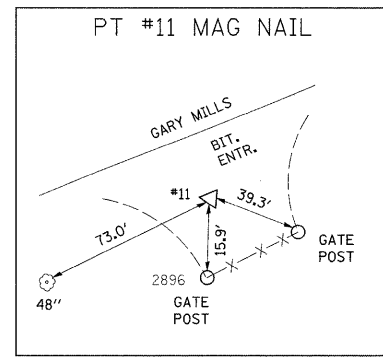
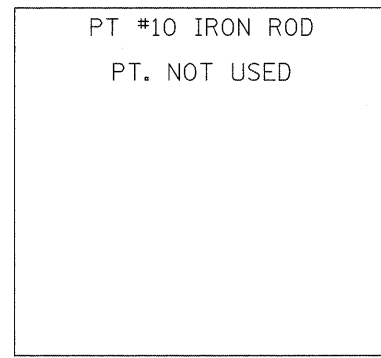
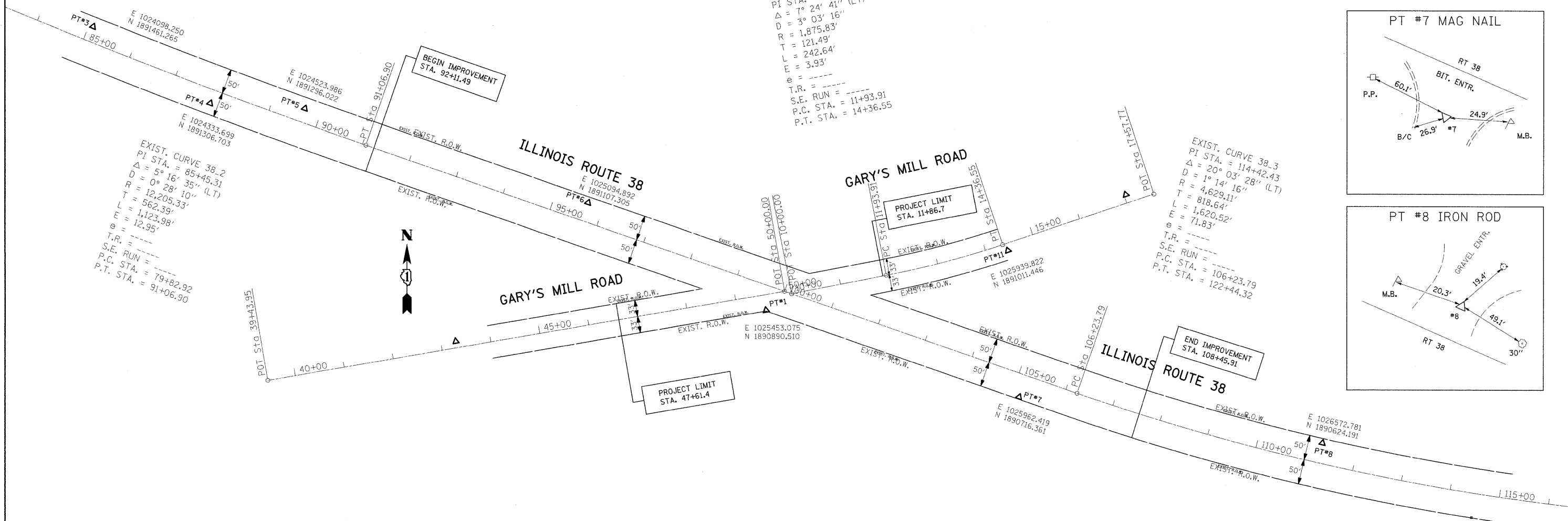
SCALE: VERT. DATE
 HORIZ. DATE
 DRAWN BY
 CHECKED BY



EXIST. CURVE GMN.2
 PI STA. = 13+15.40
 $\Delta = 7^\circ 24' 41''$ (LT)
 $D = 3^\circ 03' 16''$
 $R = 1,875.83'$
 $T = 121.49'$
 $L = 242.64'$
 $E = 3.93'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = 11+93.91$
 $P.C. STA. = 14+36.55$
 $P.T. STA. = 14+36.55$

EXIST. CURVE 38.3
 PI STA. = 114+42.43
 $\Delta = 20^\circ 03' 28''$ (LT)
 $D = 1^\circ 14' 16''$
 $R = 4,629.11'$
 $T = 818.64'$
 $L = 1,620.52'$
 $E = 71.83'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 106+23.79$
 $P.T. STA. = 122+44.32$

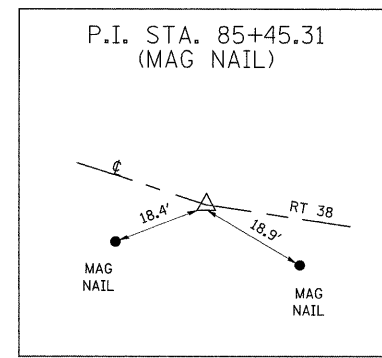
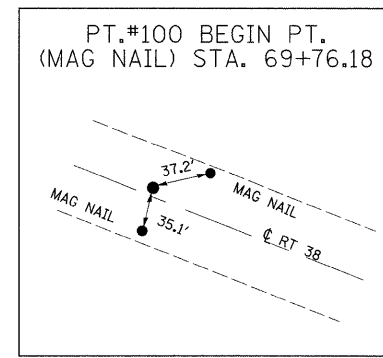
EXIST. CURVE 38.2
 PI STA. = 85+45.31
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 $D = 0^\circ 28' 10''$
 $R = 12,205.33'$
 $T = 562.39'$
 $L = 1,123.98'$
 $E = 12.95'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 79+82.92$
 $P.T. STA. = 91+06.90$



BM #1 R.R. SPIKE IN W. SIDE
 P.P. 25' ± N.E. OF PT #3
 ELEV. 735.49

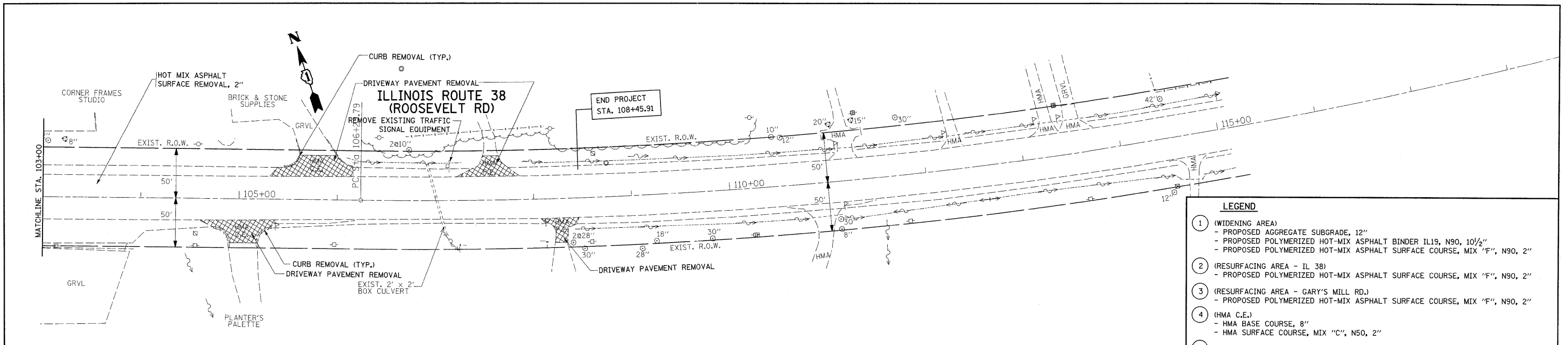
BM #2 X CUT IN NLY. BOLT OF LP.
 @ S.W. CORNER RT 38 & GARY
 MILLS RD. ELEV. = 764.33

BM #3 8" SPIKE IN P.P. 200' ± E.
 OF PT #8 ELEV. = 755.35

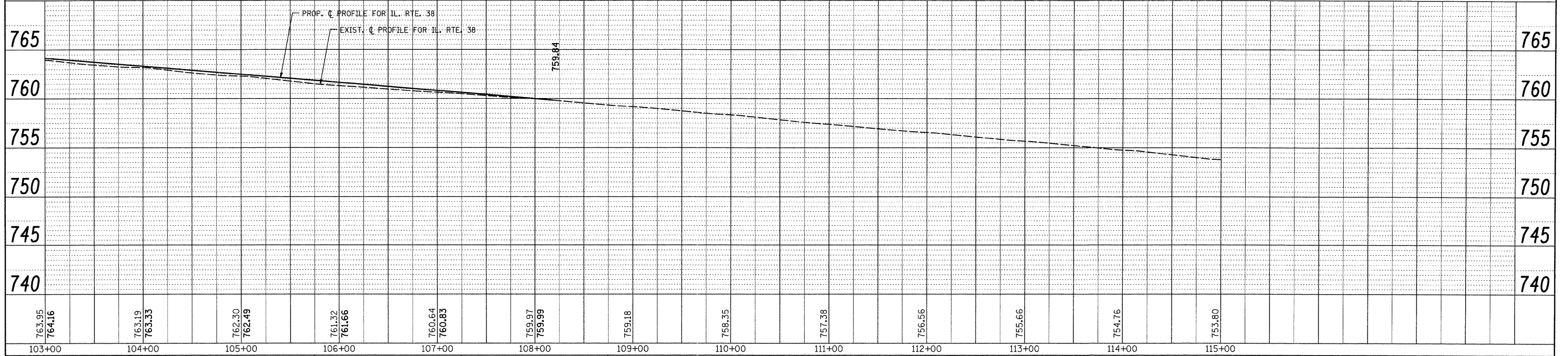
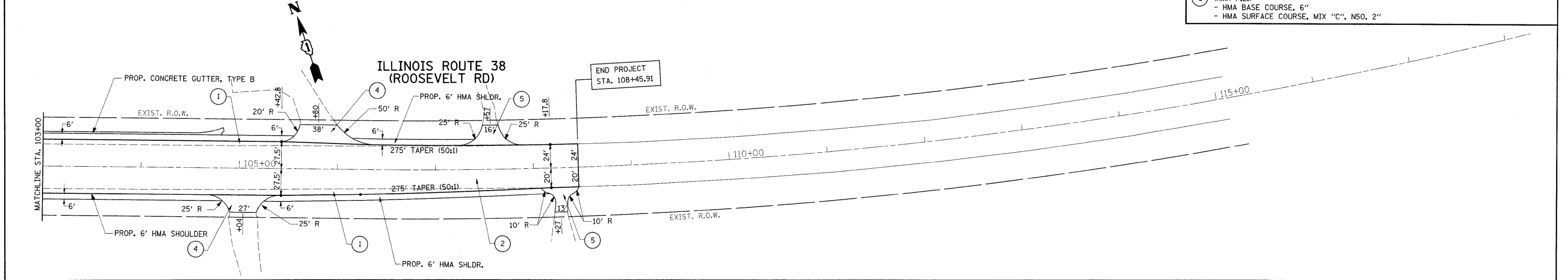


DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	

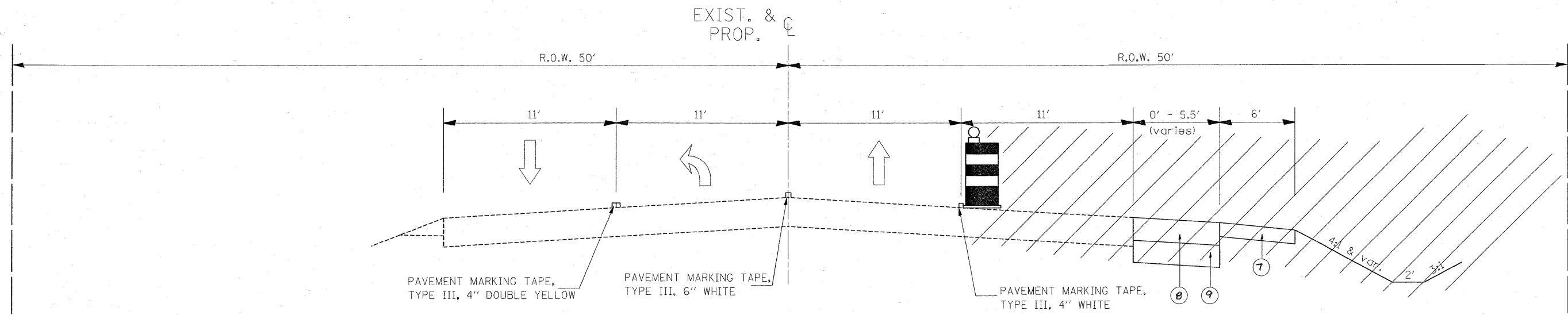
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BY	
PROFILE	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	



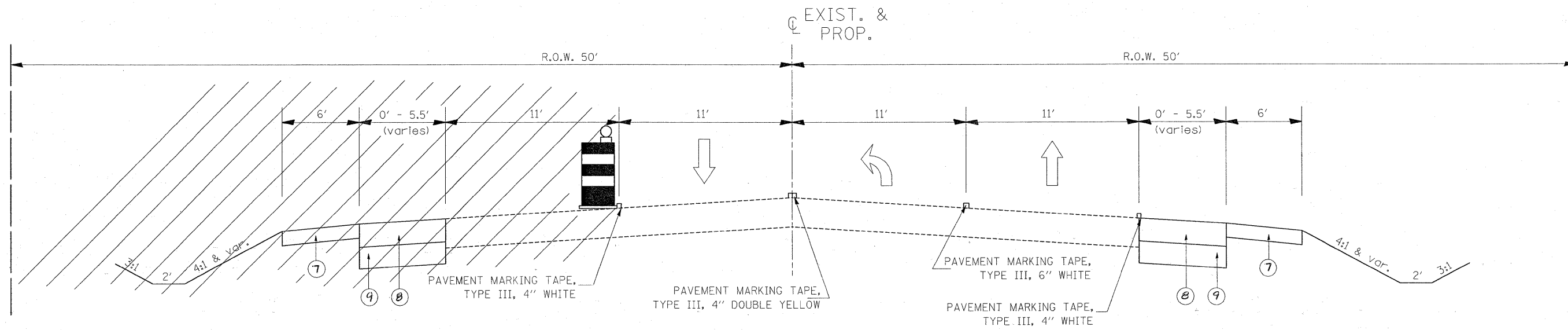
LEGEND	
①	(WIDENING AREA) - PROPOSED AGGREGATE SUBGRADE, 12" - PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER IL19, N90, 10 1/2" - PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
②	(RESURFACING AREA - IL 38) - PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
③	(RESURFACING AREA - GARY'S MILL RD.) - PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
④	(HMA C.E.) - HMA BASE COURSE, 8" - HMA SURFACE COURSE, MIX "C", N50, 2"
⑤	(HMA P.E.) - HMA BASE COURSE, 6" - HMA SURFACE COURSE, MIX "C", N50, 2"



FILE NAME =	USER NAME = ulrichkd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 38 AT GARY'S MILL ROAD EXIST. & PROP. ROADWAY PLAN	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwwork\pwwid\ulrichkd\dms93600\p132407-shr-plan.dgn	PLLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -			347	2 Y-N	DUPAGE	40	9	
PLLOT DATE = 3/16/2009	DATE -	CHECKED -	REVISED -			SCALE: 1"=50'		SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60E65	
		DATE -	REVISED -			FED. ROAD DIST. NO. J		ILLINOIS FED. AID PROJECT			



STAGE I TYPICAL SECTION
IL 38



STAGE II TYPICAL SECTION
IL 38

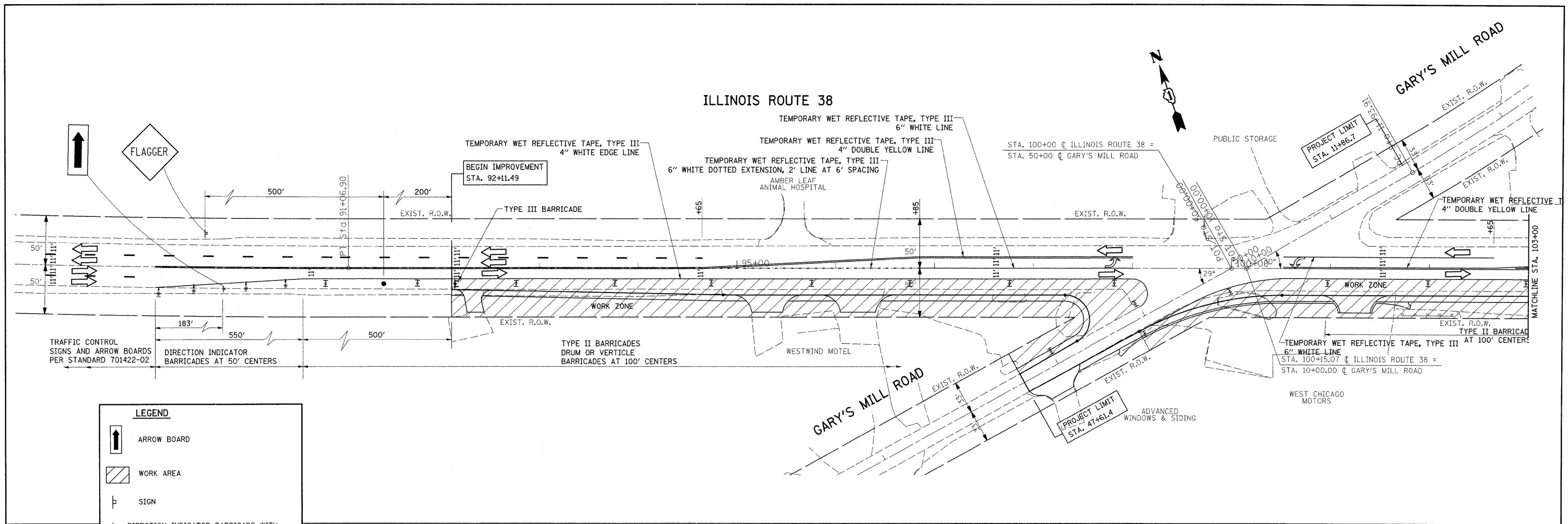
LEGEND

- | | |
|--|--|
| ① EXISTING PCC BASE COURSE 8" | ⑥ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, IL 9.5 (2") |
| ② EXISTING HMA OVERLAY ± 8" | ⑦ PROPOSED HOT-MIX ASPHALT SHOULDER, 6" |
| ③ EXISTING AGGREGATE SHOULDER | ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT ^{BASE COURSE WIDENING, 10 1/2"} BINDER IL 19, N90, 10 1/2" |
| ④ EXISTING HMA PAVEMENT ±6.5" | ⑨ PROPOSED AGGREGATE SUBGRADE 12" |
| ⑤ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 2" | ⑩ PROPOSED AGGREGATE SHOULDER |

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 38 (ROOSEVELT ROAD) AT GARY'S MILL ROAD STAGING TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 50.000' / IN.		CHECKED -	REVISED -			SCALE: NTS		SHEET NO. OF SHEETS		STA. X	TO STA. X
PLOT DATE = 3/19/2009		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

Rev.

CONTRACT NO. 60E65

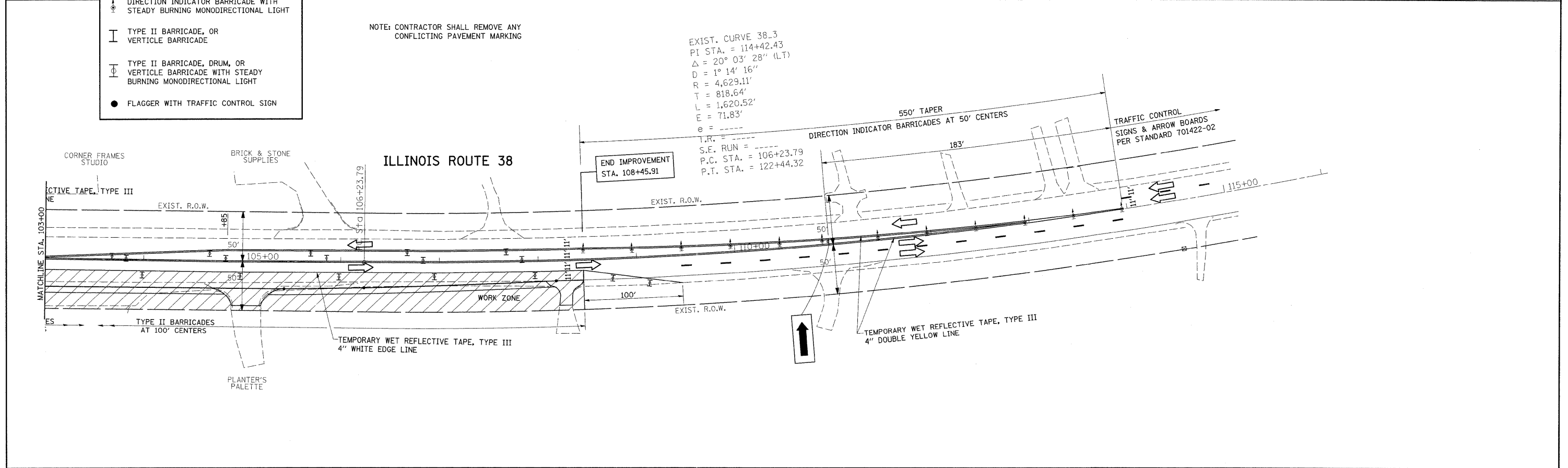


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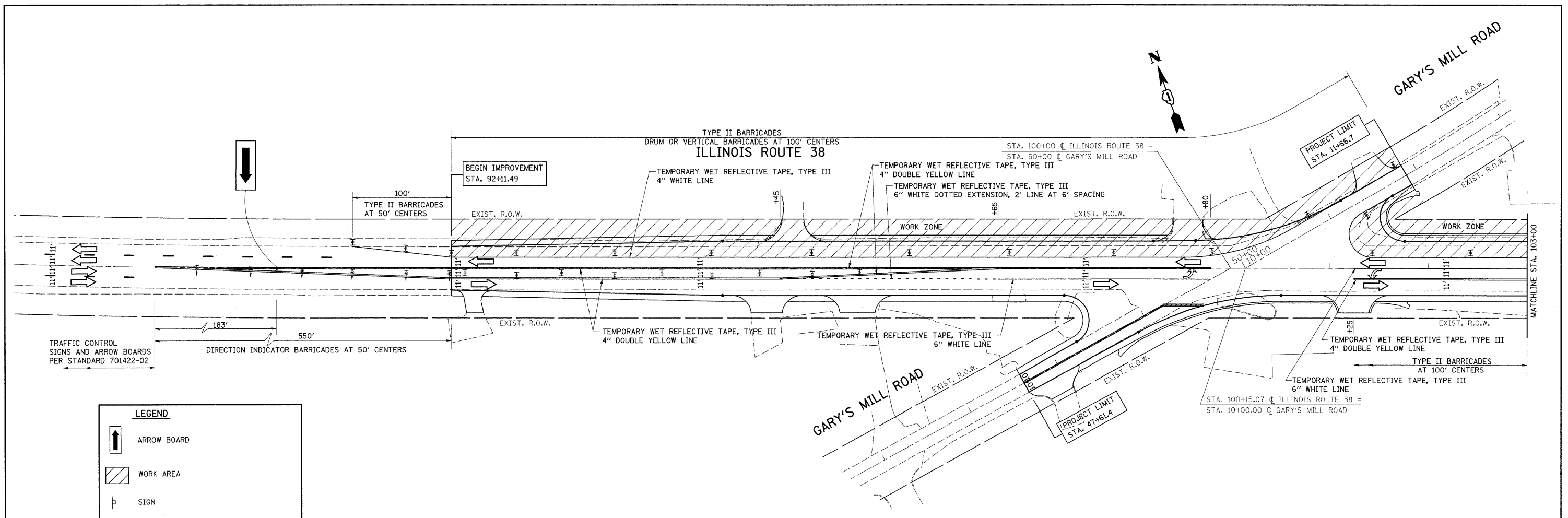
- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- TYPE II BARRICADE, OR VERTICLE BARRICADE
- TYPE II BARRICADE, DRUM, OR VERTICLE BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN

NOTE: CONTRACTOR SHALL REMOVE ANY CONFLICTING PAVEMENT MARKING

EXIST. CURVE 38.3
 PI STA. = 114+42.43
 $\Delta = 20^\circ 03' 28''$ (LT)
 $D = 1^\circ 14' 16''$
 $R = 4,629.11'$
 $T = 818.64'$
 $L = 1,620.52'$
 $E = 71.83'$
 $e = \text{---}$
 $I.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 106+23.79$
 $P.T. STA. = 122+44.32$



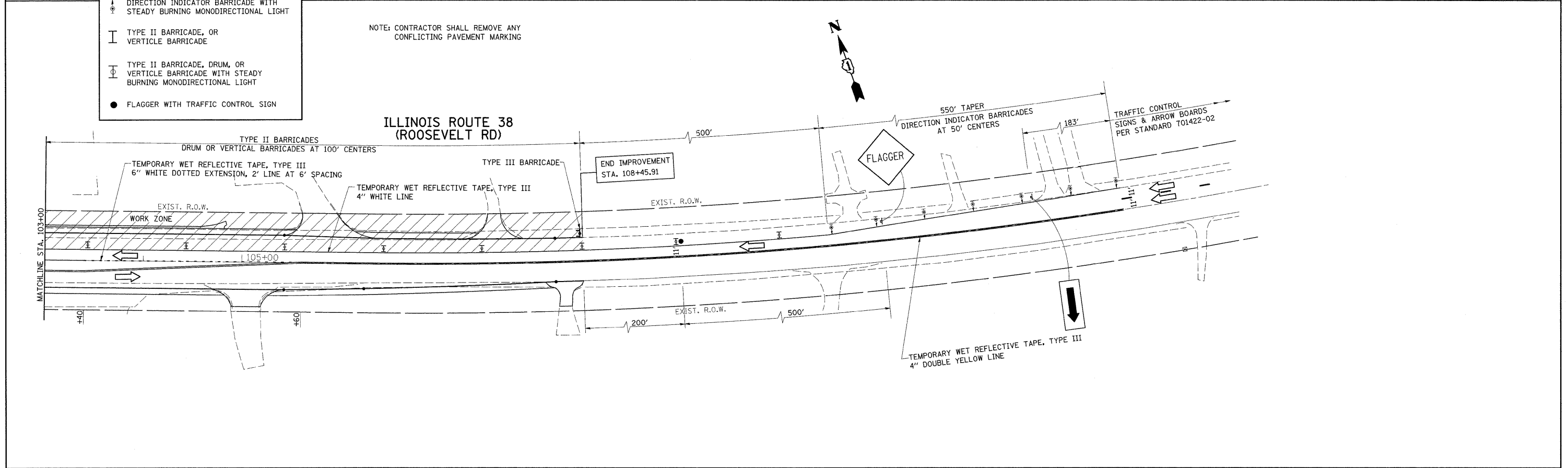
FILE NAME =	USER NAME = a1richkd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 38 AT GARY'S MILL ROAD STAGING PLAN - STAGE I			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/16/2009	DATE -	CHECKED -	REVISED -					CONTRACT NO. 60E65				
		DATE -	REVISED -					SCALE: 1"=50'		SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



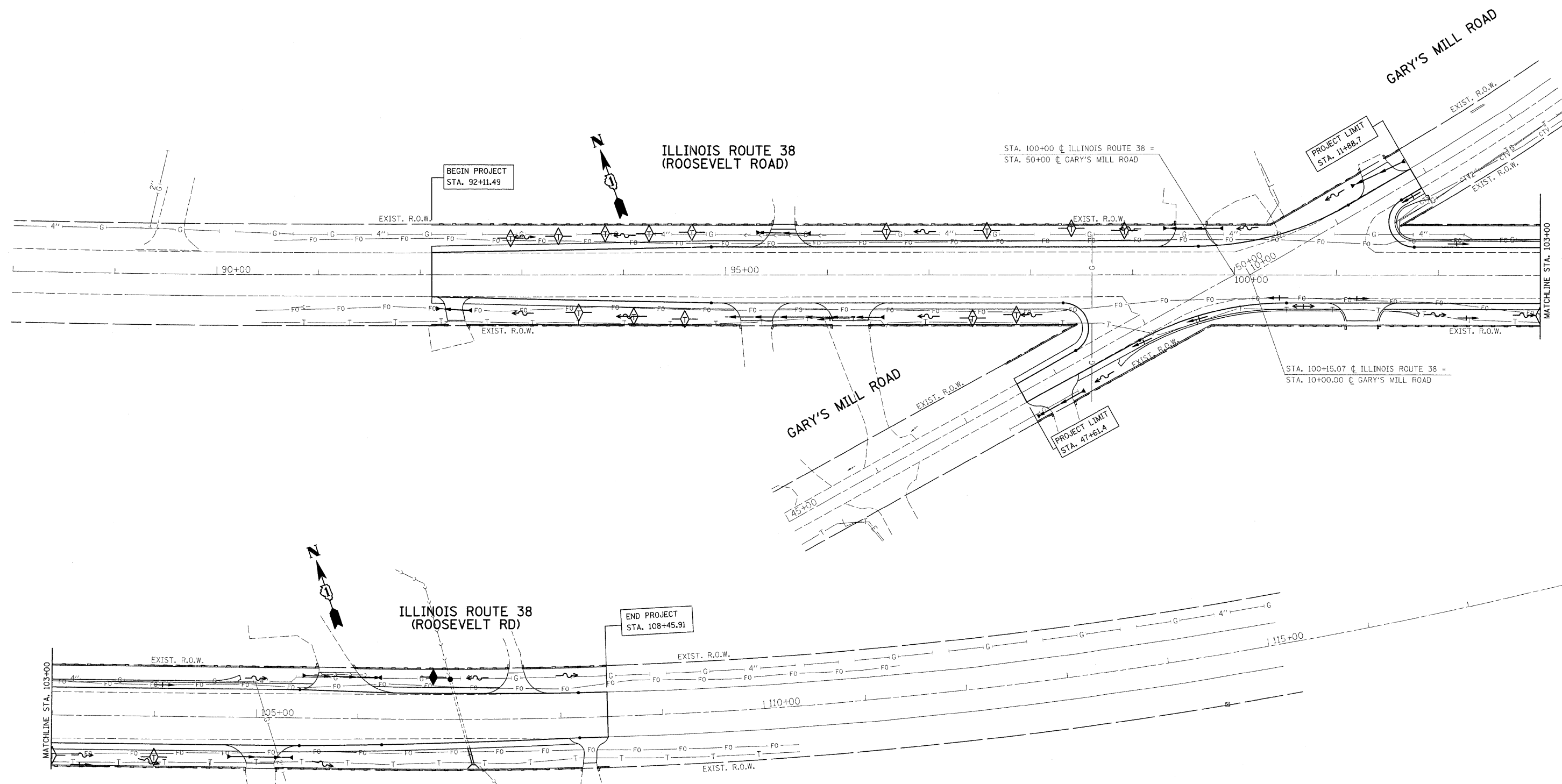
LEGEND

	ARROW BOARD
	WORK AREA
	SIGN
	DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
	TYPE II BARRICADE, OR VERTICLE BARRICADE
	TYPE II BARRICADE, DRUM, OR VERTICLE BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN

NOTE: CONTRACTOR SHALL REMOVE ANY CONFLICTING PAVEMENT MARKING



FILE NAME =	USER NAME = ulrichkd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 38 AT GARY'S MILL ROAD STAGING PLAN - STAGE II			F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/16/2009	DATE -	CHECKED -	REVISED -					CONTRACT NO. 60E65				
		DATE -	REVISED -					SCALE: 1"=50'		SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



TEMPORARY DITCH CHECKS			
STA. 92+89	36' LT	STA. 93+56	37' RT.
STA. 93+36	30' LT.	STA. 94+10	40.8' RT.
STA. 93+82	40.8 LT.	STA. 94+60	43.5' RT.
STA. 94+25	40.8' LT.	STA. 97+43	42.4' RT.
STA. 94+67	42' LT.	STA. 97+86	39' RT.
STA. 96+58	43' LT.	STA. 103+00	39.4' RT.
STA. 97+57	43.6 LT.	STA. 104+00	40' RT.
STA. 98+40	46' LT.		
STA. 98+92	43.7' LT.		

- TEMPORARY EROSION CONTROL SEQUENCE OF CONSTRUCTION
- ESTABLISH TEMPORARY EROSION CONTROL MEASURES AND ERECT SILT FENCE ALONG SITE BOUNDARIES PRIOR TO MASS EARTHWORK.
 - INSTALL DITCH CHECK IMMEDIATELY AFTER DITCH GRADING IS COMPLETED.
 - INSTALL PERMANENT SEEDING BEFORE BEGINNING NEXT CONSTRUCTION STAGE.

NOTE:
 PERMANENT DITCH CHECK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR AGGREGATE DITCH CHECKS.
 INSTALL PERIMETER EROSION BARRIER ALL ALONG R.O.W. LINES.

LEGEND	
SYMBOL	DESCRIPTION
	TEMPORARY DITCH CHECK (SEE STANDARD 280001)
	PERIMETER EROSION BARRIER (SILT FENCE, SEE STANDARD 280001)
	EXISTING FLOW LINE
	EXIST R.O.W.

THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES IMMEDIATELY AFTER STRIPPING OF EXISTING VEGETATION.

NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE SITE OTHER THAN THROUGH SEDIMENTATION/STILLING BASINS. THE CONTRACTOR WILL ADJUST HIS OPERATIONS AND IMPLEMENT EROSION CONTROL MEASURES ACCORDINGLY.

THE QUANTITIES SHOWN SURROUND FOR TEMPORARY DITCH CHECKS AND INLET AND PIPE PROTECTION ARE MEASURED AS EACH, REGARDLESS OF TYPE OR CONFIGURATION USED.

THE CONTRACTOR SHALL SURROUND ALL EARTH STOCKPILES WITH SILT FENCE AND SHALL BE PAID FOR AS PERIMETER EROSION BARRIER, EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AND ENGINEER WITHIN 24 HOURS OR ANY STORM EXCEEDING 0.5 INCH OF PRECIPITATION.

STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE MORE THAN THREE (3) DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES (I.E. PERIMETER SILT FENCE). STOCKPILES TO REMAIN IN PLACE FOR 21 DAYS OR MORE SHALL RECEIVE TEMPORARY SEEDING.

ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT.

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT POLLUTION OF STORM WATER AND SHALL FOLLOW IEPA & IDOT CONSTRUCTION MEMORANDUM NO. 95-60.

EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH SEQUENCE OF STAGE CONSTRUCTION.

STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE EXCEED 14 DAYS AFTER CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDER DAYS.

THE CONTRACTOR SHALL APPLY TEMPORARY EROSION CONTROL SEEDING TO ALL ERODIBLE BARE EARTH AREAS WITHIN THE CONTRACT LIMITS EACH WEEK, REGARDLESS OF WEATHER CONDITIONS OR PROGRESS OF THE WORK. UNLESS OTHERWISE DIRECTED BY THE ENGINEER. ERODIBLE EMBANKMENT AND EXCAVATION AREAS WHERE WORK IS IN PROGRESS SHALL BE INCLUDED ON THE AREAS TO BE SEEDED. SEE SPECIAL PROVISION FOR TEMPORARY EROSION CONTROL SEEDING.

ALL PERIMETER EROSION BARRIER SHALL BE PLACED IN STAGE I, IF REQUIRED IN STAGE II IT SHALL BE LEFT IN PLACE. IT SHALL ONLY BR REPLACED IF DAMAGED, AT THE DIRECTION OF THE ENGINEER.

REFER TO LANDSCAPING PLAN FOR AREA TO BE SEEDED.

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.

A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING INTO DRAIN TILES IS STRICTLY PROHIBITED. COMPROMISED DRAIN TILES SHOULD BE IMMEDIATELY REPAIRED OR INCORPORATED INTO STORM WATER FACILITIES.

ALL DROP INLETS ON AND ADJACENT TO THE SITE MUST HAVE A SEDIMENT TRAPPING OR CONTAINMENT DEVICE INSTALLED DURING CONSTRUCTION ACTIVITIES.

ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY AND CLEANED WHEN NECESSARY.

ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAIN EVENT.

EROSION CONTROL BLANKET AND/OR STRAW MULCH WITH NETTING (DEPENDING ON SLOPE, SLOPE LENGTH, AND FLOW RATES) SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS (I.E. DETENTION BASIN PERIMETERS, BERMS ETC.) IMMEDIATELY UPON FINAL GRADING.

PRIORITY SHALL BE GIVEN TO THE COMPLETION AND STABILIZATION OF THE DETENTION AREAS. WORK IN THESE AREAS SHALL NOT BE PROLONGED IN ATTEMPT THAT ALL FINAL GRADING AND STABILIZATION CAN TAKE PLACE AT ONE TIME.

THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL. ALL OPEN AREAS THAT ARE TO REMAIN IDLE THROUGHOUT THE WINTER SHALL RECEIVE TEMPORARY EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GROWING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GROWING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT RELY ON VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.

SILT FENCE IS TO BE INSTALLED FOLLOWING THE COMPLETION AND STABILIZATION OF THE STORM WATER FACILITIES AND IS TO REMAIN IN PLACE UNTIL THE CONTRIBUTING AREA IS STABILIZED.

BERMS MUST BE STABILIZED IMMEDIATELY UPON RECEIVING FINAL GRADING. STRAW MULCH WITH NETTING OR EROSION CONTROL BLANKET SHALL BE USED ON SIDE SLOPES AND SUMMIT.

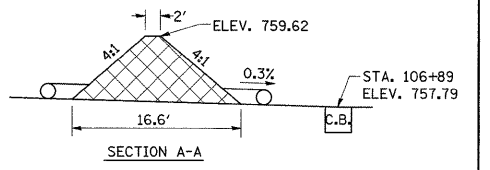
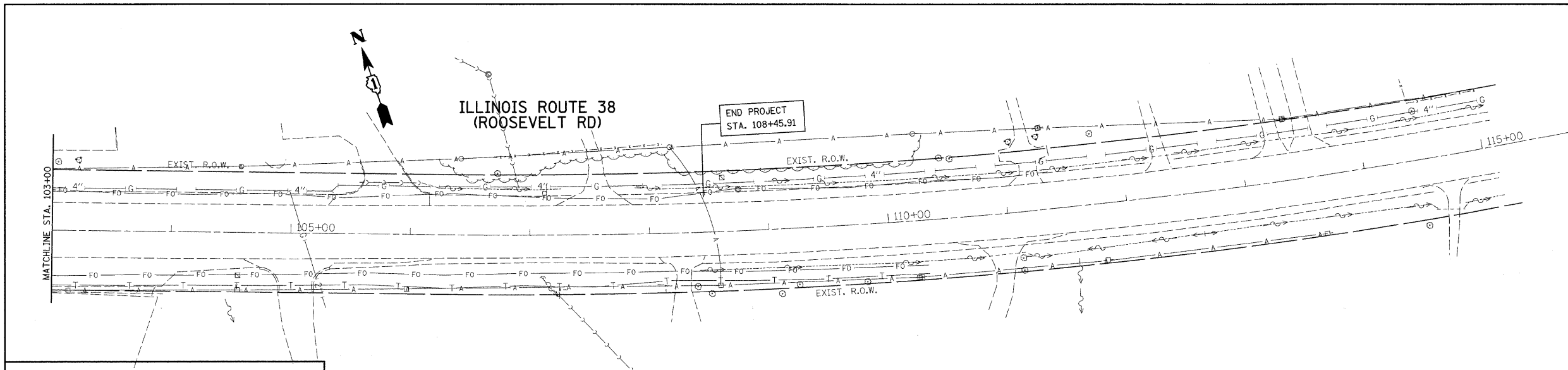
IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 21 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 14TH DAY AFTER WORK HAS CEASED.

COMPLETED SLOPES SHALL BE SEEDED AND MULCHED (OR BLANKETED, IF APPLICABLE) AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. PERMANENT SEEDING SHALL BE USED WHENEVER POSSIBLE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WATER IN AND NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. THE STREAM BANKS SHOULD BE STABILIZED AT THE END OF EACH DAY. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.

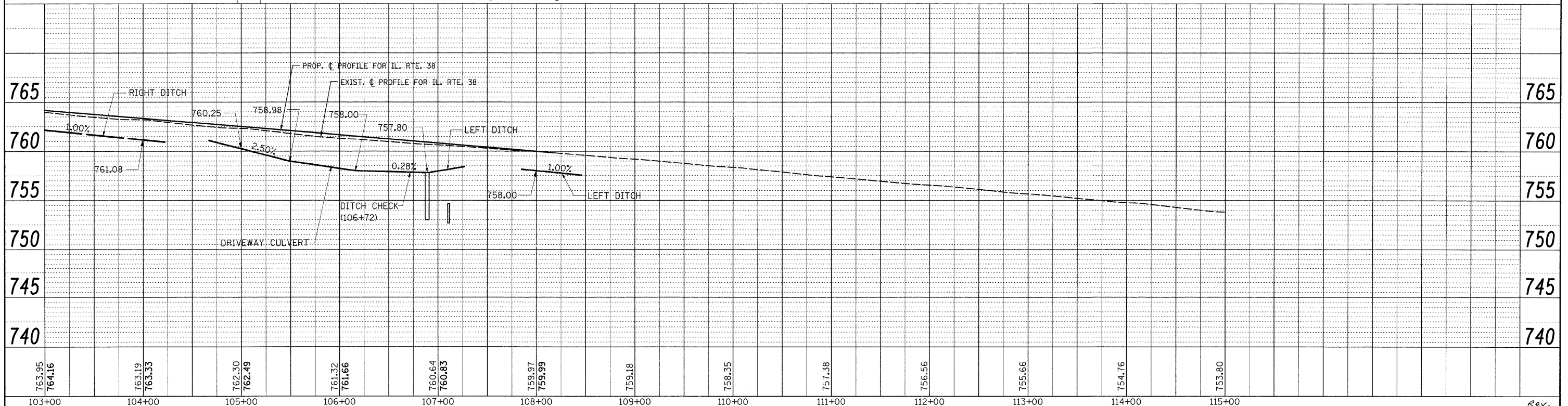
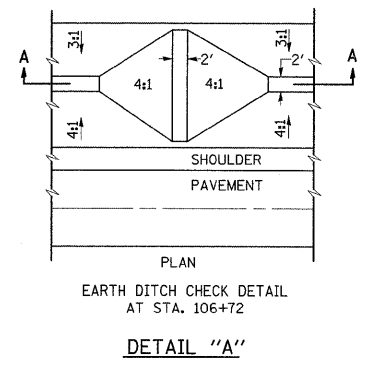
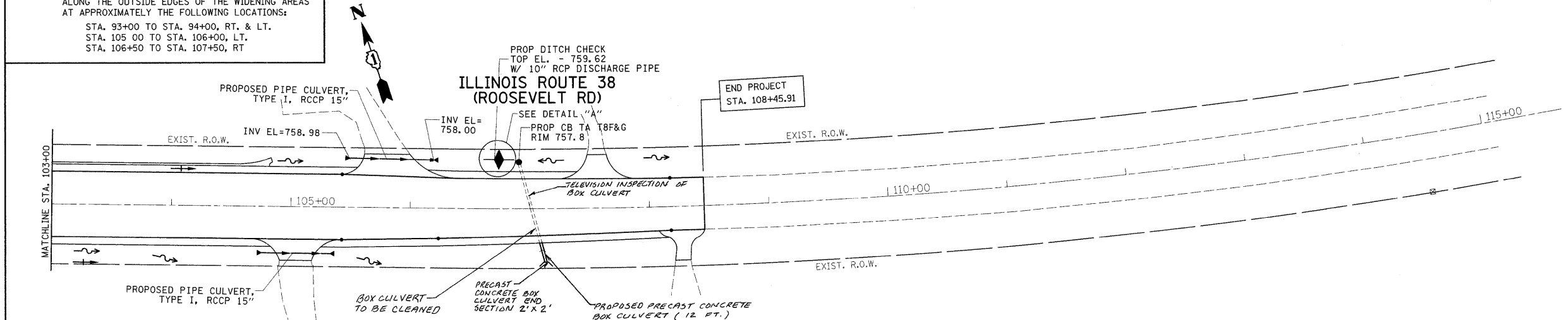
FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILL 38 (ROOSEVELT ROAD) AT GARY'S MILL ROAD EROSION CONTROL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -	CONTRACT NO. 60E65							
PLOT DATE = 3/19/2009	DATE -	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
				SCALE: SHEET NO. OF SHEETS STA. TO STA.						

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
CAD FILE NAME	

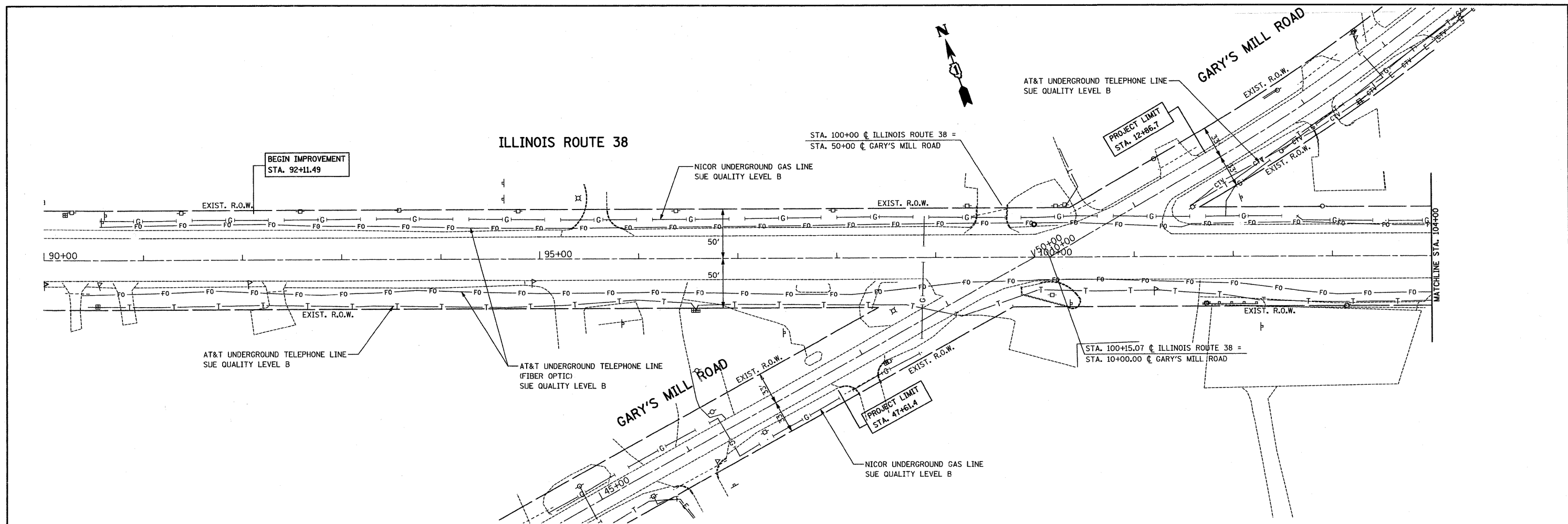
DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
STRUCTURE NOTATIONS CHK'D	



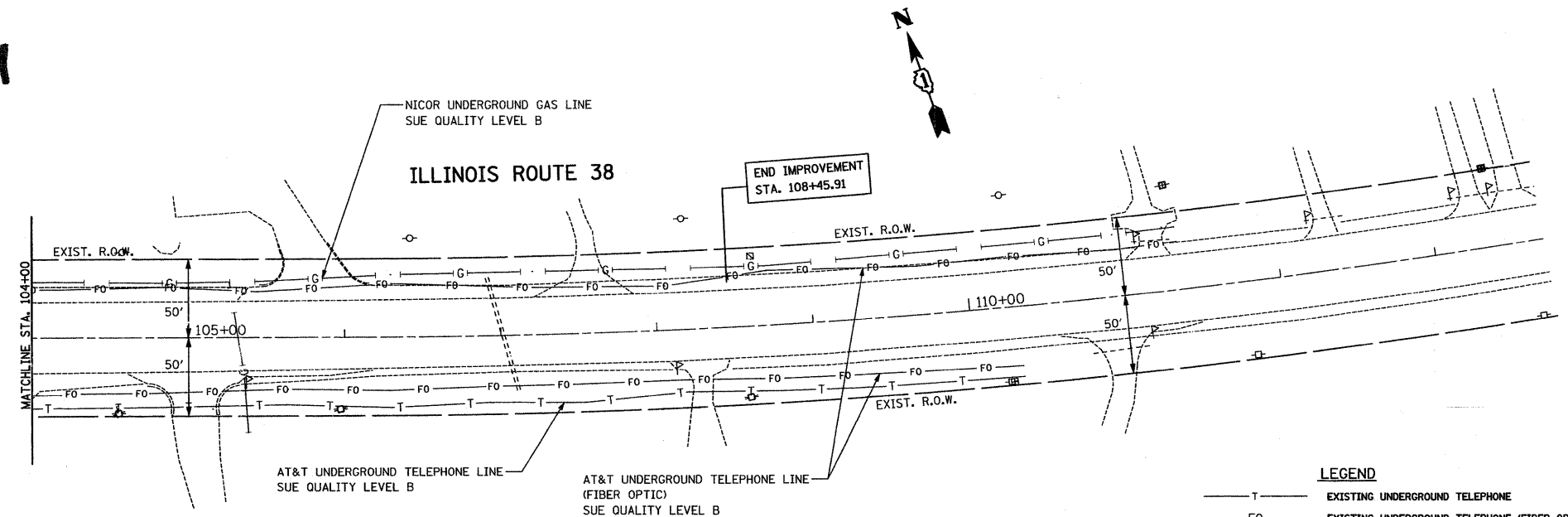
NOTE: LONGITUDINAL PIPE UNDERDRAIN 4" TO BE PLACED ALONG THE OUTSIDE EDGES OF THE WIDENING AREAS AT APPROXIMATELY THE FOLLOWING LOCATIONS:
 STA. 93+00 TO STA. 94+00, RT. & LT.
 STA. 105 00 TO STA. 106+00, LT.
 STA. 106+50 TO STA. 107+50, RT



FILE NAME =	USER NAME = ulrichkd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 38 AT GARY'S MILL ROAD EXIST. & PROP. DRAINAGE & UTILITY PLAN	F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 16	Rev.	
CONTRACT NO. 60E65	SCALE: 1"=50'	SHEET NO.	OF SHEETS			STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
PLOT SCALE = 50:0000 / IN.	CHECKED -	REVISED -	REVISED -									
PLOT DATE = 3/16/2009	DATE -	REVISED -	REVISED -									



FOR INFORMATION ONLY



STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 13TH AND 15TH DAY OF OCTOBER, A.D., 2008.

IN WITNESS WHEREOF, I HAVE HERELINTO SET MY HAND AND SEAL THIS 21ST DAY OF OCTOBER A.D., 2008. CHICAGO, IL.

NOTES:

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60E65, DATED SEPTEMBER 22, 2008.

LEGEND

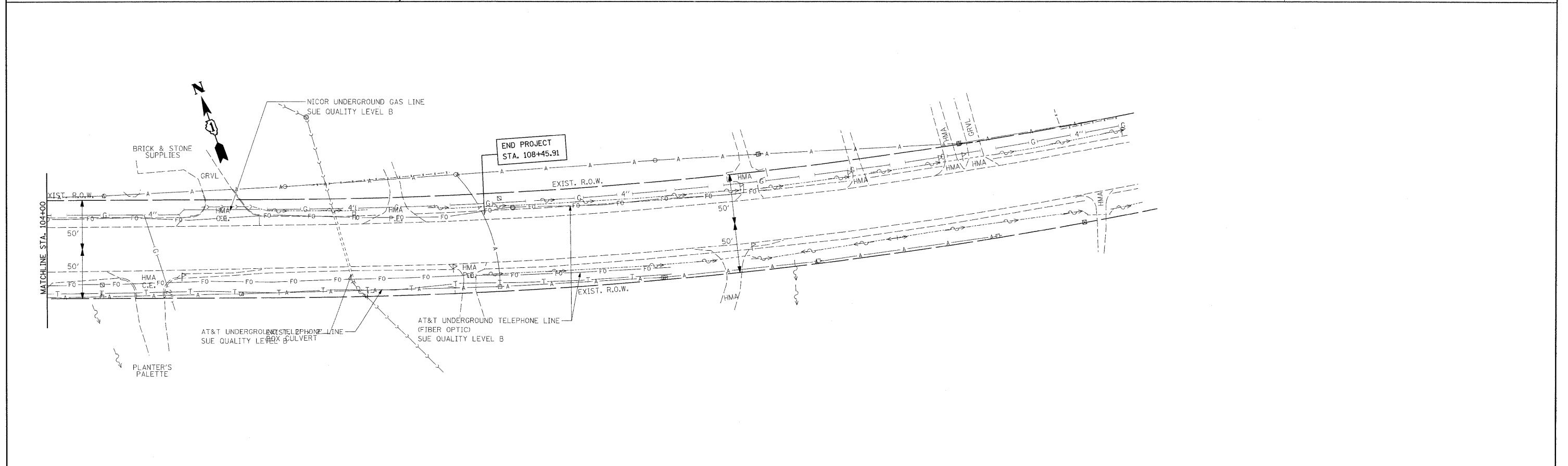
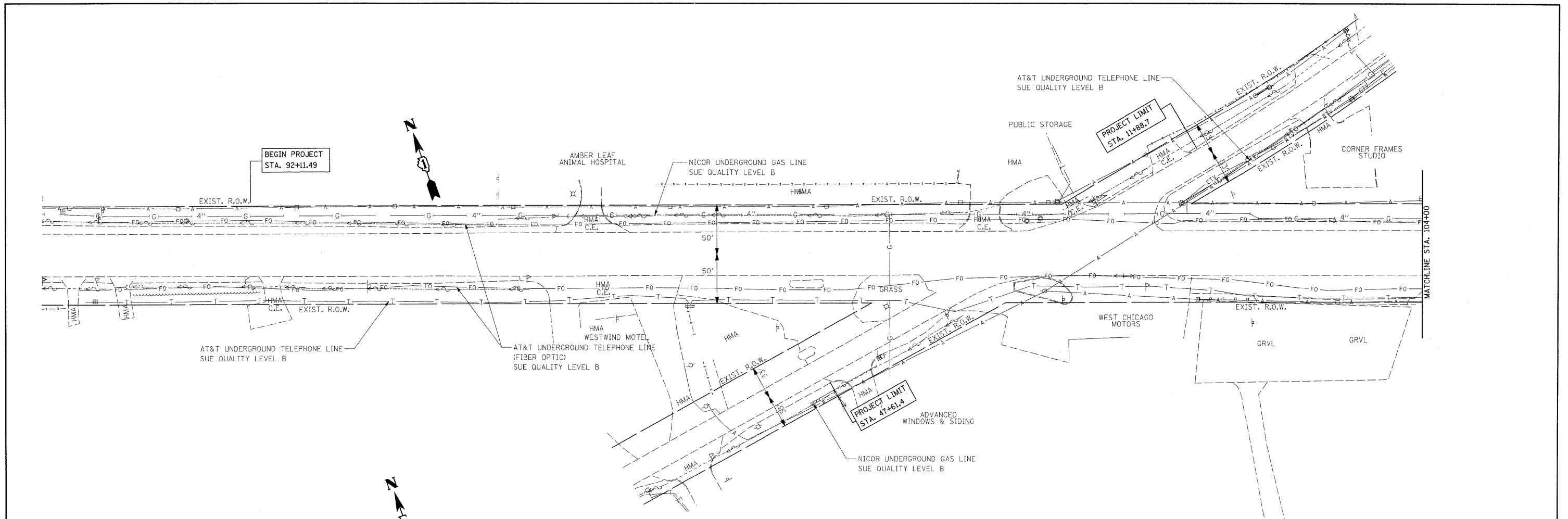
— T —	EXISTING UNDERGROUND TELEPHONE
— FO —	EXISTING UNDERGROUND TELEPHONE (FIBER OPTIC)
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS
— CTV —	EXISTING UNDERGROUND CABLE TV

AMERICAN
SURVEYING & ENGINEERING, P.C.
SURVEYORS • ENGINEERS
GEODETSISTS • MAPPING SCIENTISTS
Chicago 773-444-0800 / Fax 773-444-0808
Dixon 815-288-6231 / Fax 815-288-6277
Aurora 630-897-4105 / Fax 630-897-4121
Illinois Professional Design Firm No. 184-003192

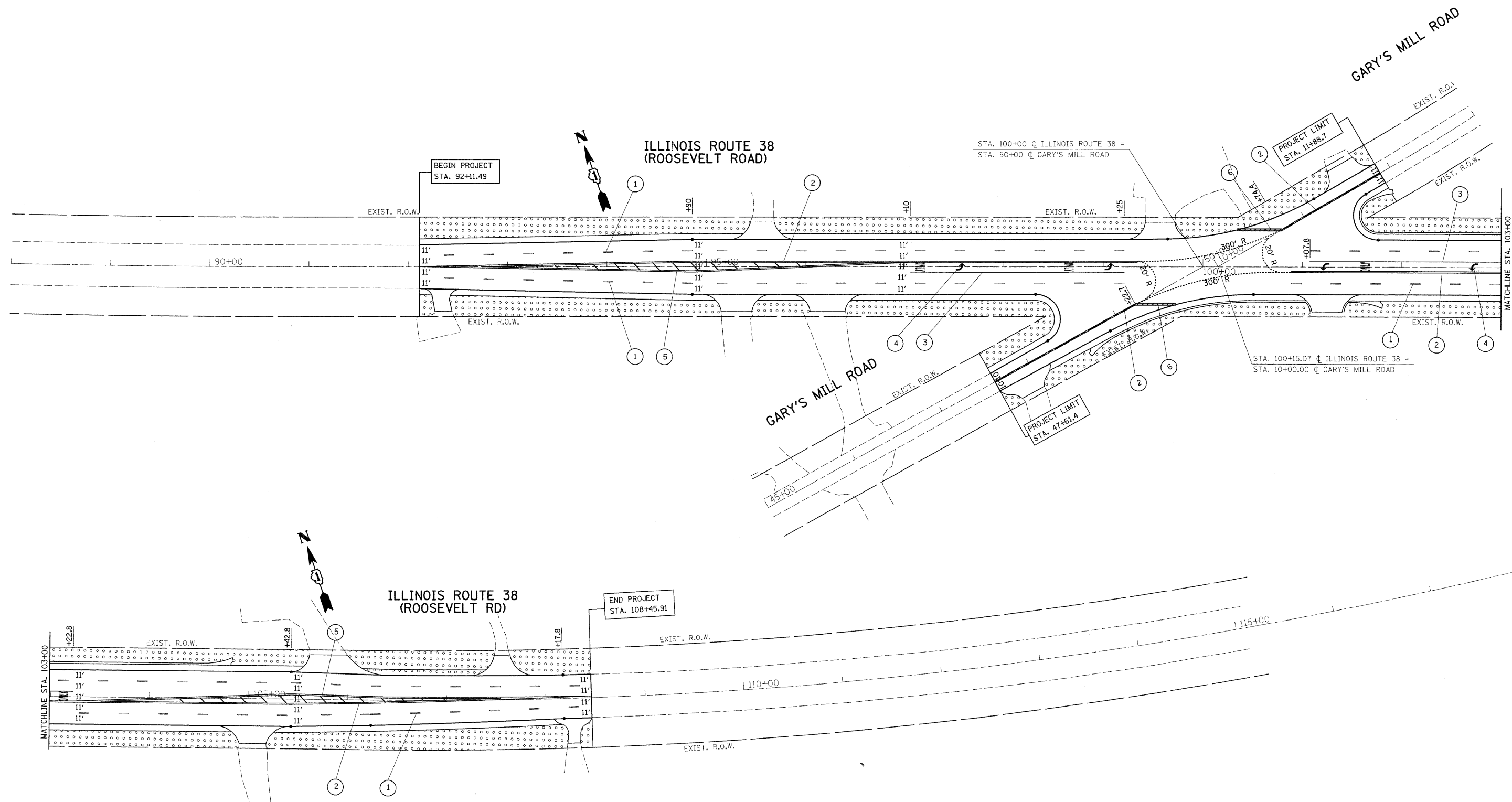


Steven M. Rienks
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER
ENGINEER NUMBER 62-044619
MY LICENSE EXPIRES 11/30/2009

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 38 AT GARY'S MILL ROAD SUE INVESTIGATION OF UNDERGROUND UTILITIES			F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY	TOTAL SHEETS 40	SHEET NO. 17
	PLOT SCALE = 1"=50'	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E65		
	PLOT DATE = 10/21/2008	CHECKED -	REVISED -									
		DATE -	REVISED -									



FILE NAME =	USER NAME = ulrichkd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 38 AT GARY'S MILL ROAD EXIST. UTILITY PLAN			F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 18
ct:\pwork\PIWIDOT\ULRICHKD\dms93600\PI3607-shs-plan.dgn	PLLOT SCALE = 5/8"=20' / IN.	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60E65		
PLLOT DATE = 3/16/2009		CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



NOTES:

1. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL STANDARD TC-13.
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)" STANDARD TC-11.
3. THE RESIDENT ENGINEER SHALL VERIFY THE LOCATIONS OF ALL EXISTING PAVEMENT MARKINGS PRIOR TO MILLING OR RESURFACING.

PAVEMENT MARKING LEGEND

- ① 4" LANE LINE - WHITE SKIP DASH
- ② 4" DOUBLE YELLOW - SOLID LINE
- ③ 6" TURN LANE - WHITE
- ④ LETTERS & SYMBOLS - WHITE
- ⑤ 12" DIAGONALS - YELLOW @ 45°
- ⑥ 24" STOP BAR - WHITE

LANDSCAPING NOTES

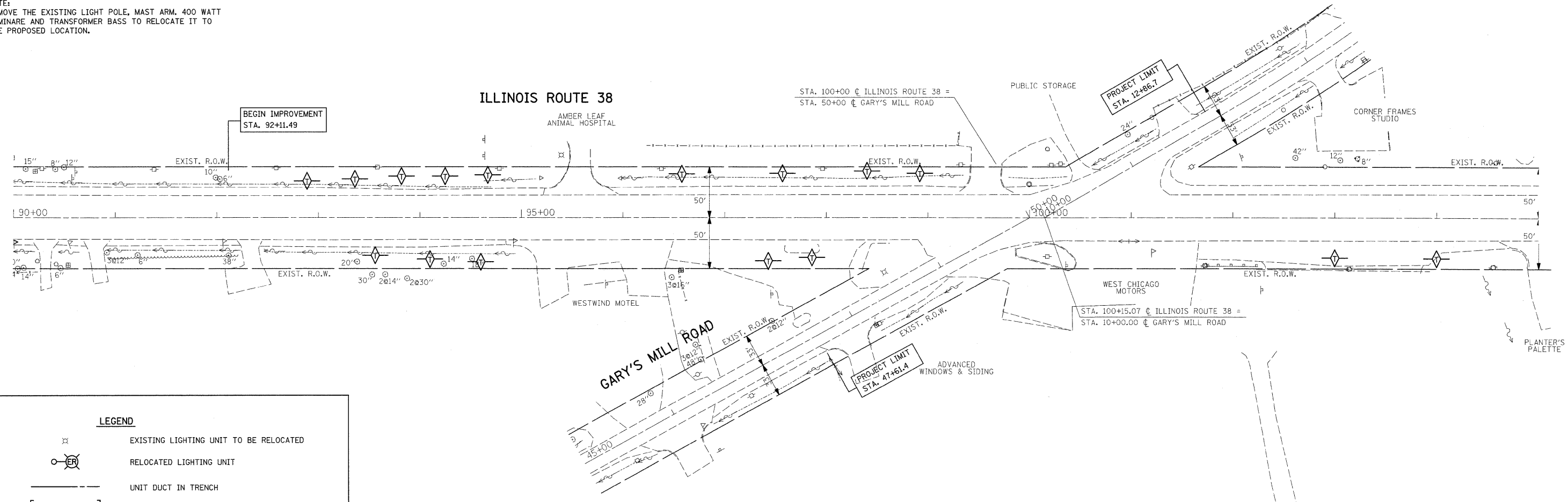
- ① TOPSOIL, 4" SHALL BE PROVIDED IN ALL AREAS OF SEEDING
- ② SUPPLEMENTARY WATERING SHALL BE PLACED ON ALL SEEDED AREAS
- ③ EROSION CONTROL BLANKET SHALL BE PLACED ON ALL SEEDED AREAS

LEGEND

TEMPORARY AND PERMANENT SEEDING, CLASS 2A AREA
 APPLY NITROGEN FERTILIZER NUTRIENT, PHOSPHOROUS FERTILIZER NUTRIENT AND POTASSIUM FERTILIZER NUTRIENT TO ALL SEEDING CLASS 2A AREAS.

FILE NAME =	USER NAME = ulrichkd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 38 AT GARY'S MILL ROAD PROPOSED PAVEMENT MARKING & LANDSCAPING PLAN			F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 19
et\pwork\NPWIDOT\ULRICHKD\dms93600\p13607-ah\pmlkdgn	PLOT SCALE = 50,0000' / IN.	DRAWN -	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E65	
	PLOT DATE = 3/16/2009	CHECKED -	REVISED -									
		DATE -	REVISED -									

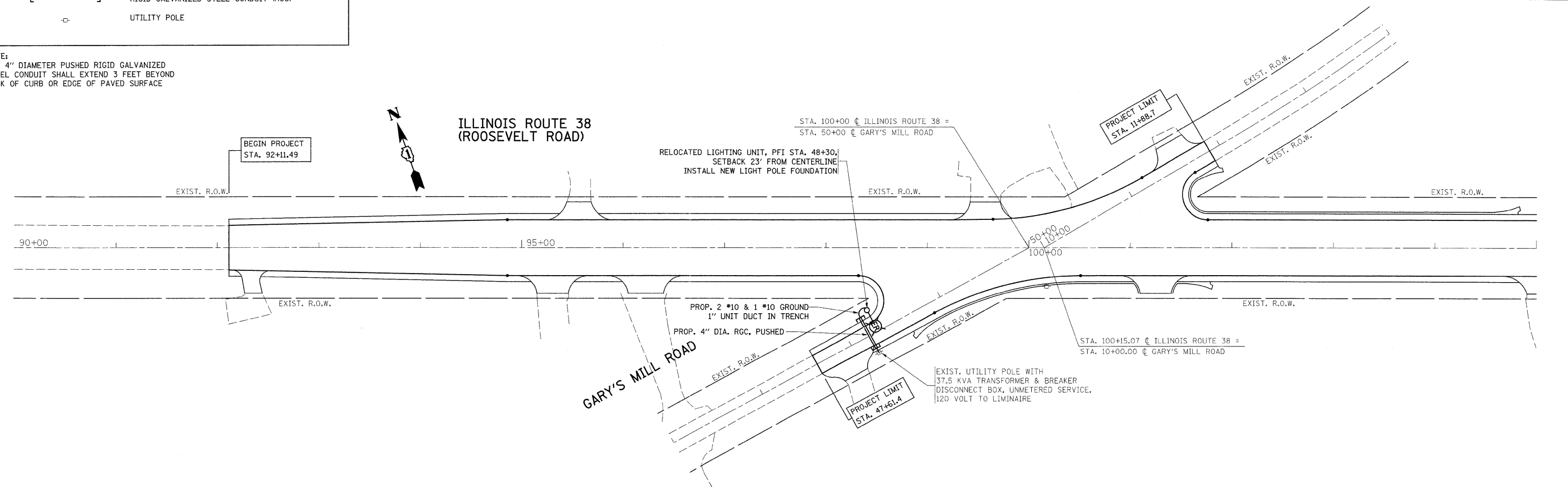
NOTE:
REMOVE THE EXISTING LIGHT POLE, MAST ARM, 400 WATT LUMINARE AND TRANSFORMER BASS TO RELOCATE IT TO THE PROPOSED LOCATION.



LEGEND

- EXISTING LIGHTING UNIT TO BE RELOCATED
- RELOCATED LIGHTING UNIT
- UNIT DUCT IN TRENCH
- RIGID GALVANIZED STEEL CONDUIT (RGC)
- UTILITY POLE

NOTE:
THE 4" DIAMETER PUSHED RIGID GALVANIZED STEEL CONDUIT SHALL EXTEND 3 FEET BEYOND BACK OF CURB OR EDGE OF PAVED SURFACE



FILE NAME = P132607-shrt-light.dgn
USER NAME = ulrichkd
PLOT SCALE = 50.0000' / IN.
PLOT DATE = 3/16/2009

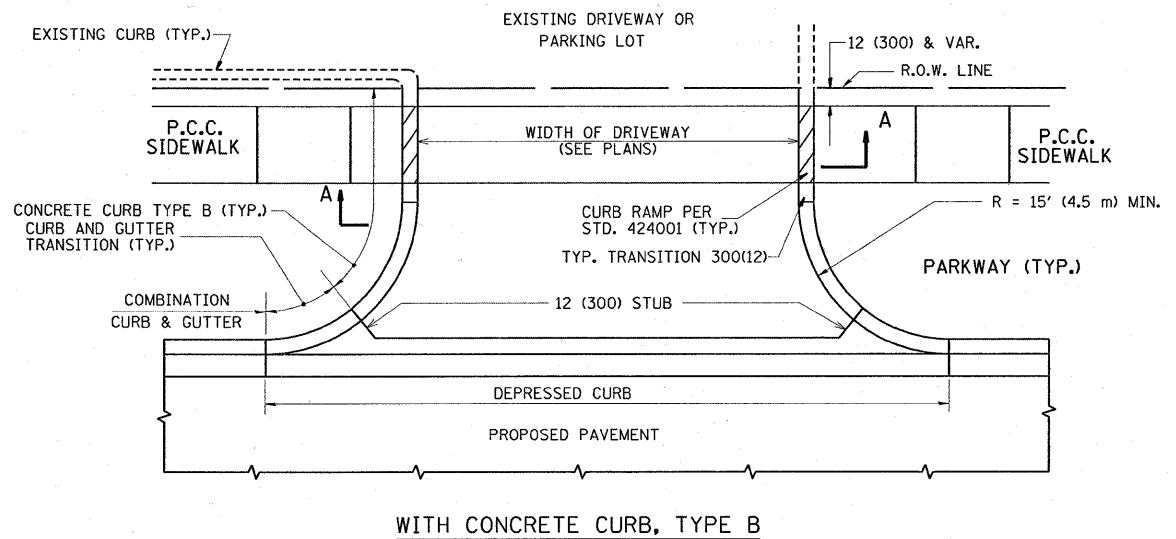
DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

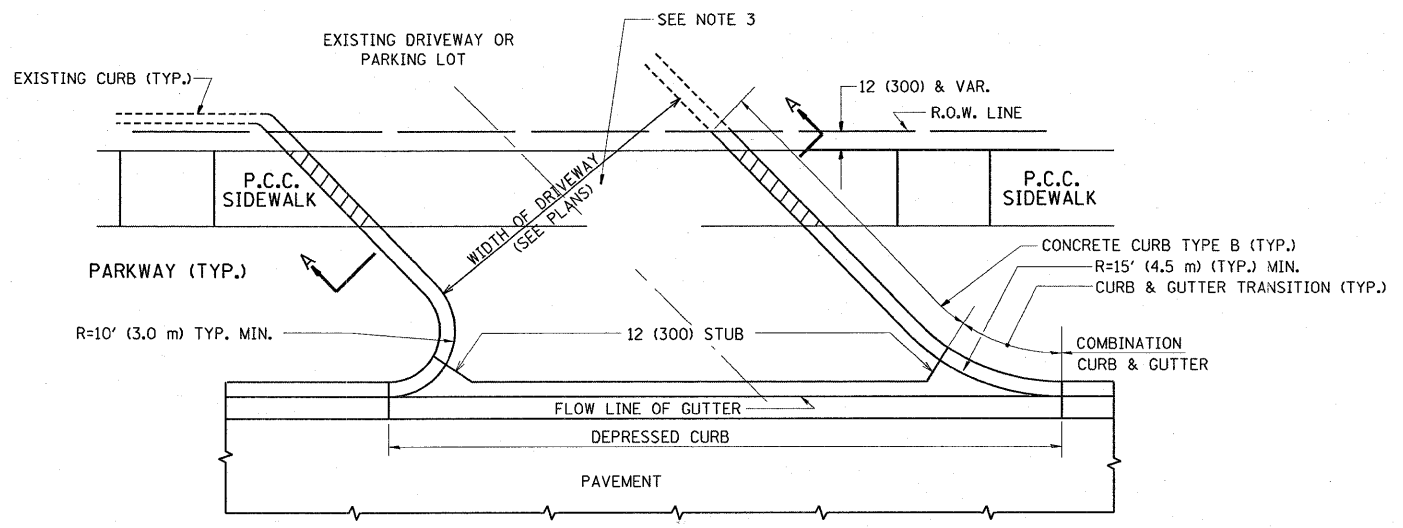
**IL. ROUTE 38 AT GARY'S MILL ROAD
EXIST. & PROP. LIGHTING PLAN**

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

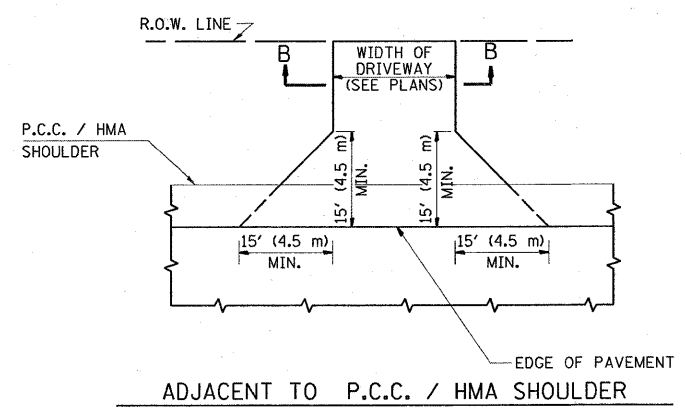
F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 20
CONTRACT NO. 60E65				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



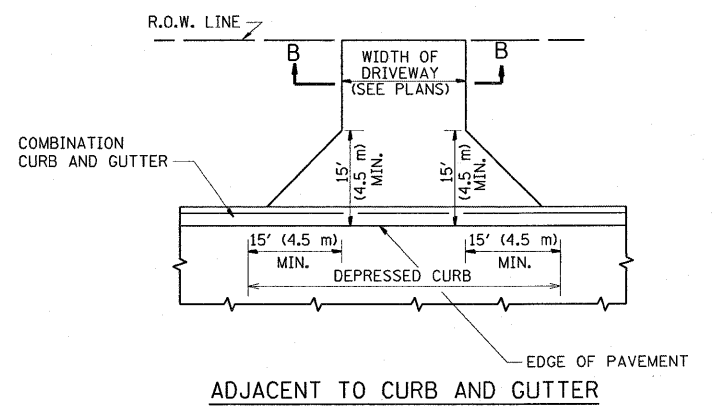
WITH CONCRETE CURB, TYPE B



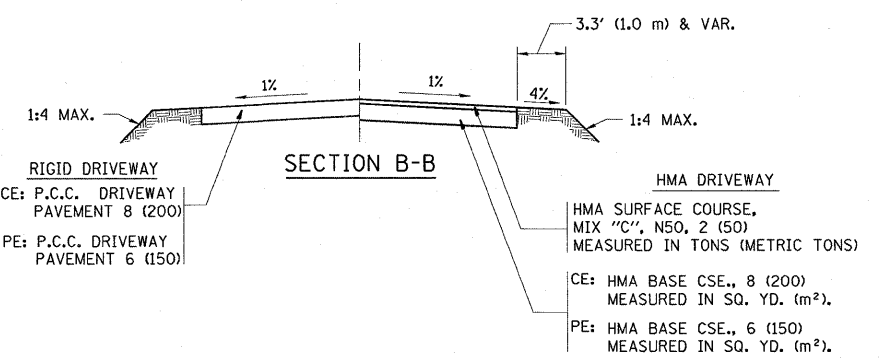
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

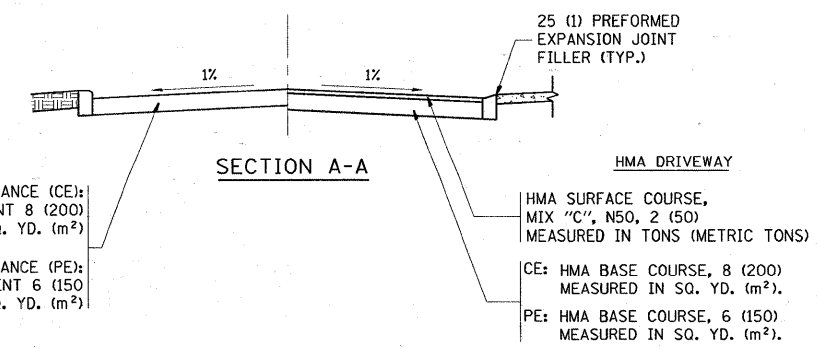
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

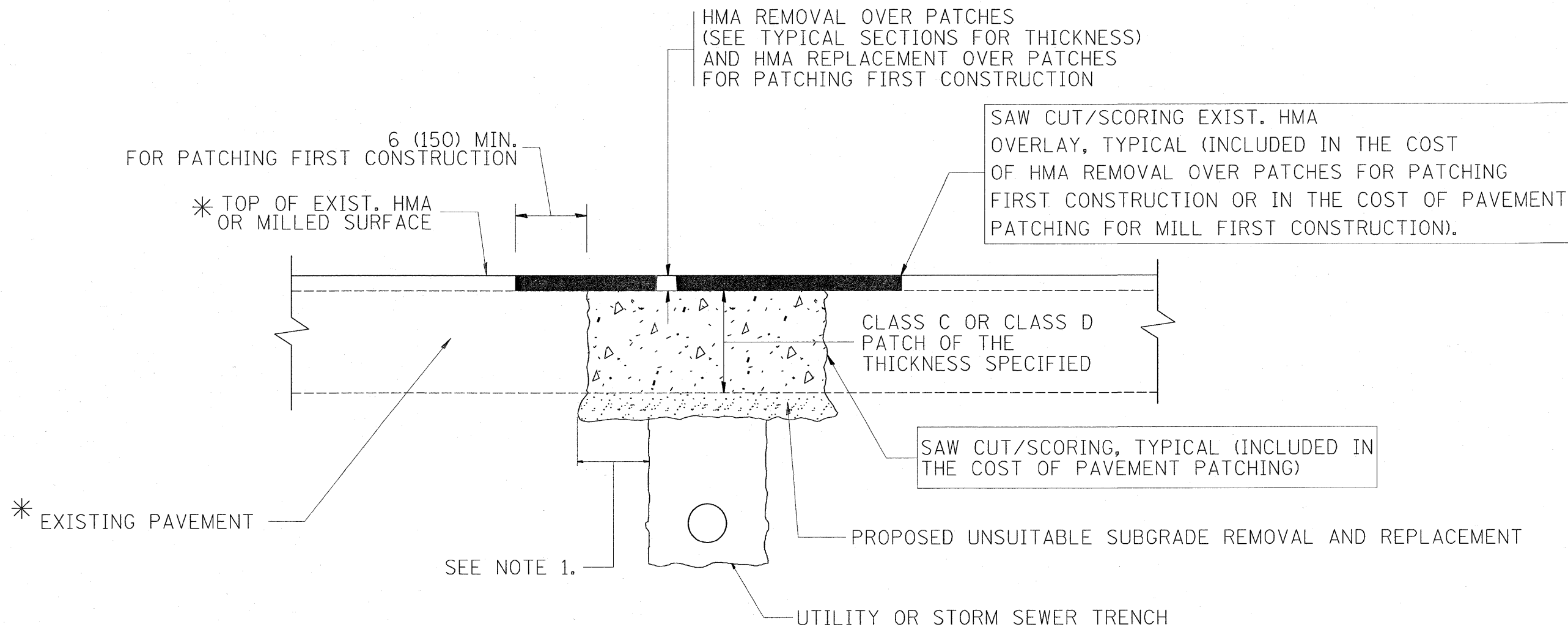
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



FILE NAME =	USER NAME = banks1	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)	F.A.P. R.T.E. = 347	SECTION = 2 Y-N	COUNTY = DUPAGE	TOTAL SHEETS = 40	SHEET NO. = 21	
c:\pw_work\PKWIDOT\BANKSL\dms93602\DistStd.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - P. LaFLUER 04-15-03			SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		BD0156-07 (BD-01)		CONTRACT NO. 60E65	
	PLOT DATE = 3/19/2009	CHECKED -	REVISED - R. BORO 01-01-07								
		DATE = 11-04-95	REVISED - R. BORO 06-11-08			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

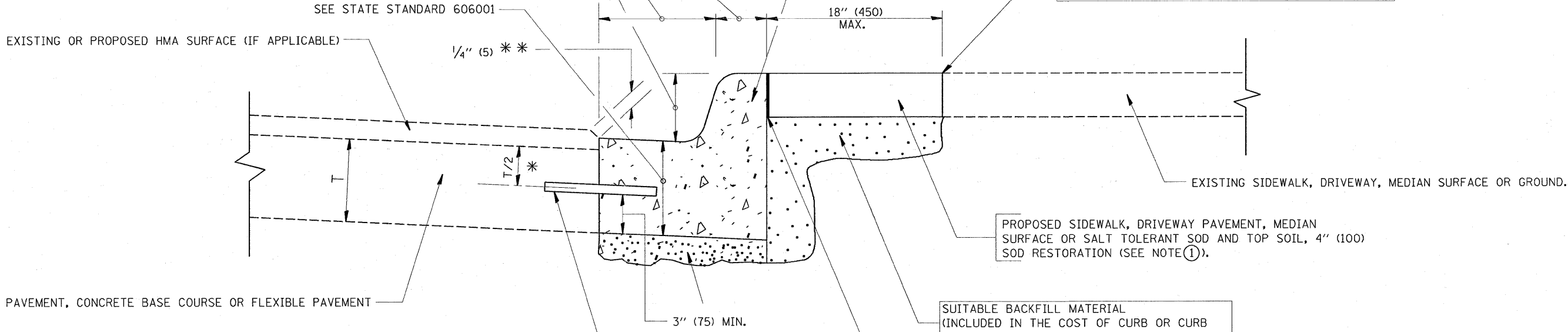
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = banks1	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT		F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 22	
cd:\pw_work\PWIDOT\BANKSL\dms93682\DistS		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD400-04 (BD-22)		CONTRACT NO. 60E65		
		CHECKED -	REVISED - R. BORO 09-04-07				FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT			
		PLOT DATE = 3/19/2009	DATE - 10-25-94		REVISED - K. ENG 10-27-08							

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SALT TOLERANT SOD AND TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

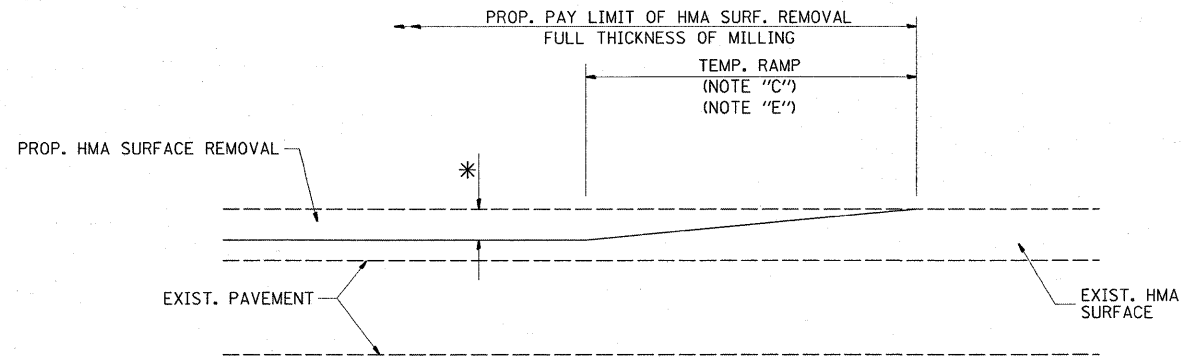
BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

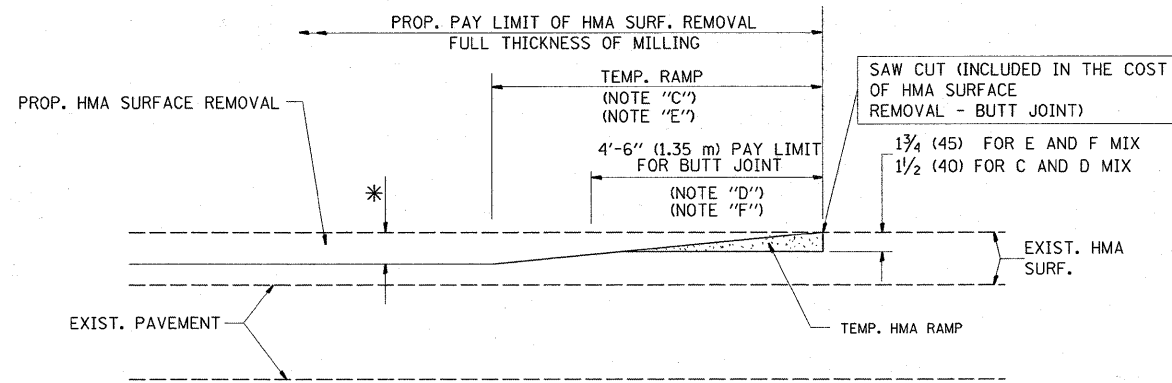
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = banks1	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT		F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 23
cd:\pw_work\PWIDOT\BANKSL\dms93622\DistS	cd.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD600-06 (BD-24)		CONTRACT NO. 60E65	
		CHECKED -	REVISED - M. GOMEZ 01-22-01								
		DATE - 03-11-94	REVISED - R. BORO 01-01-07								



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

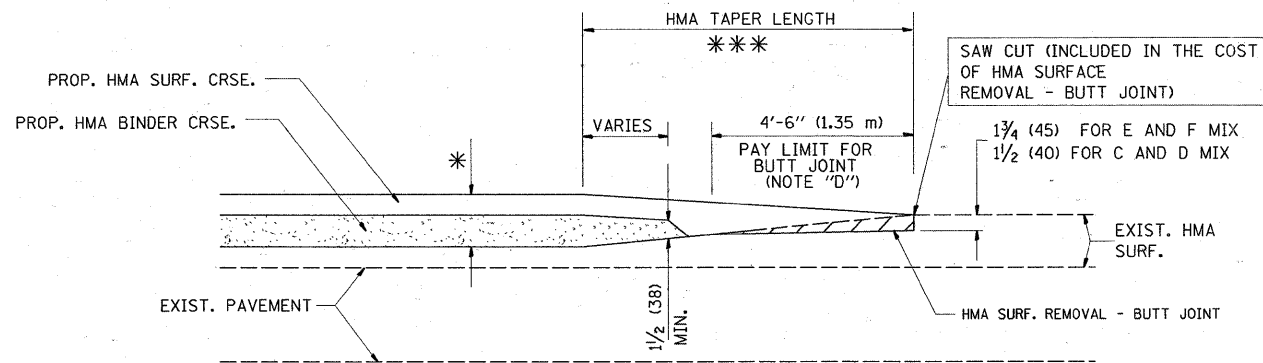
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

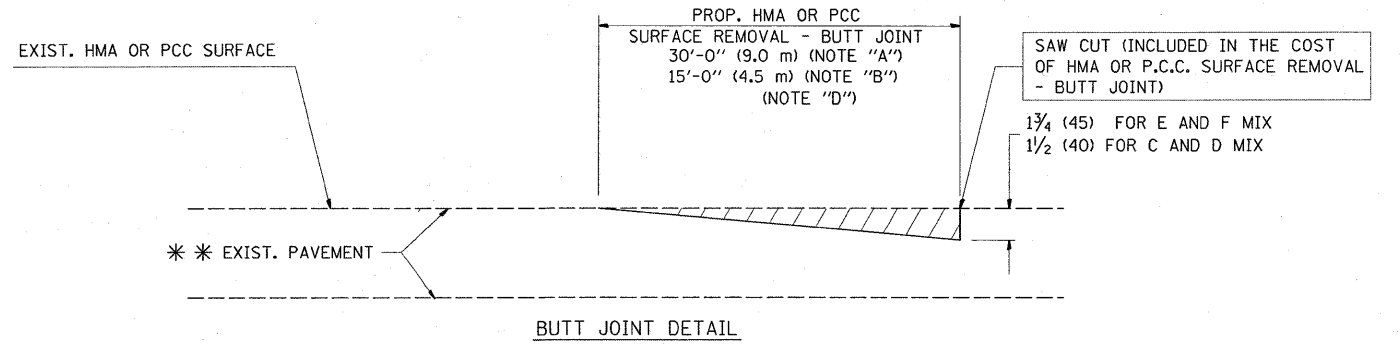
OPTION 2

TYPICAL TEMPORARY RAMP

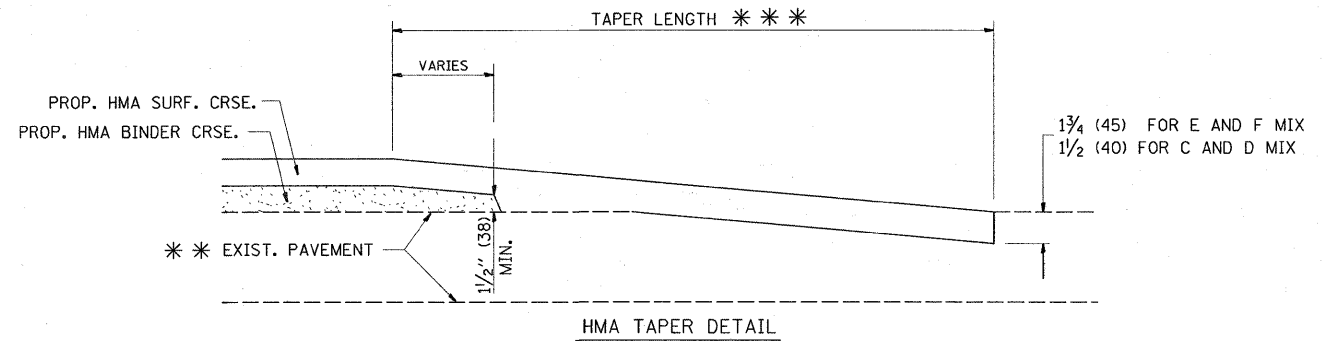


BUTT JOINT AND
HMA TAPER

**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.

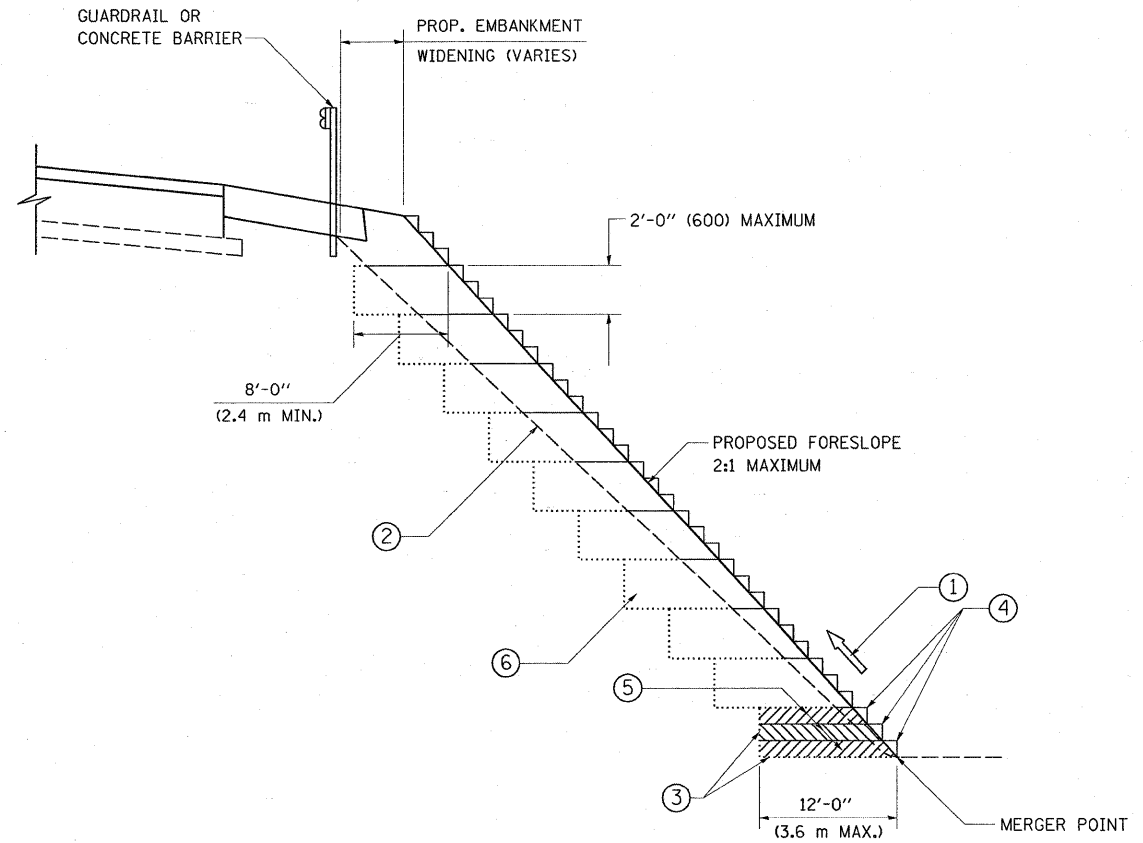
FILE NAME =	USER NAME = banks1	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
ca:\pw_work\IPWIDOT\BANKSL\dms93602\DistStd.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 3/19/2009		DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	2 Y-N	DUPAGE	40	24
BD400-05 BD32			CONTRACT NO. 60E65	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



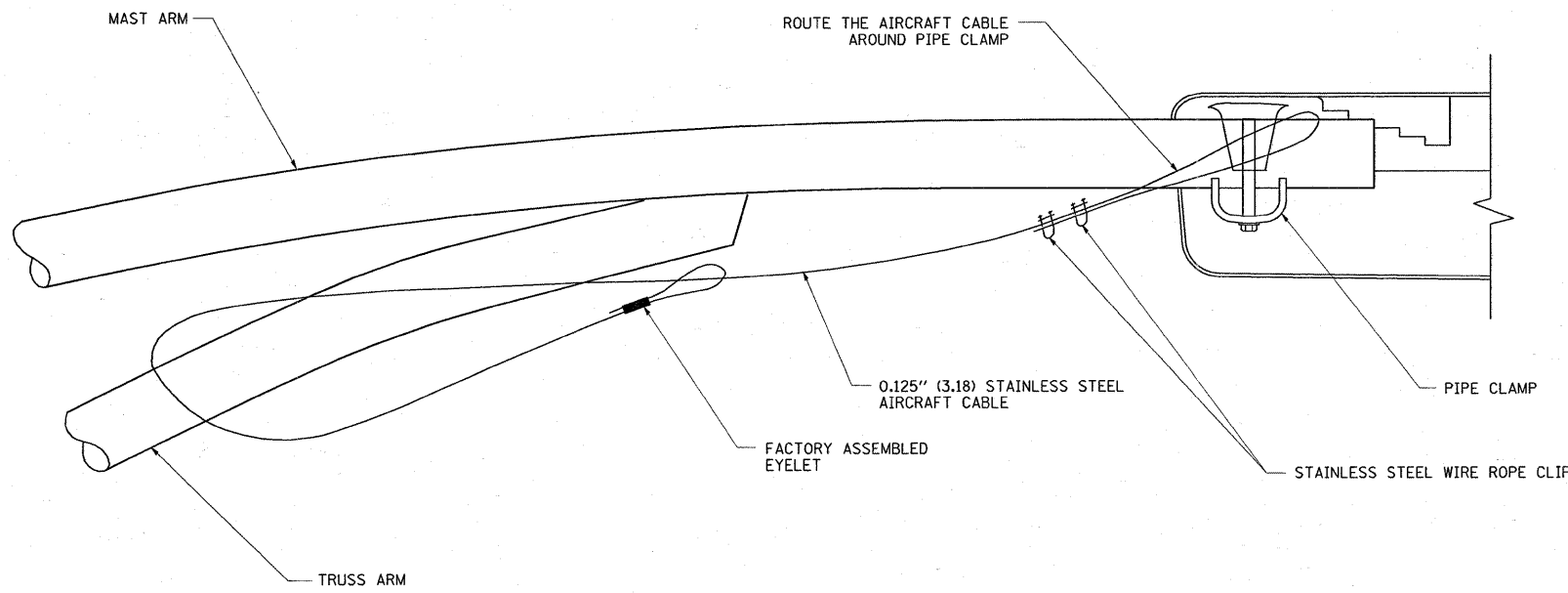
**TYPICAL BENCHING DETAIL
FOR EMBANKMENT**

NOTES:

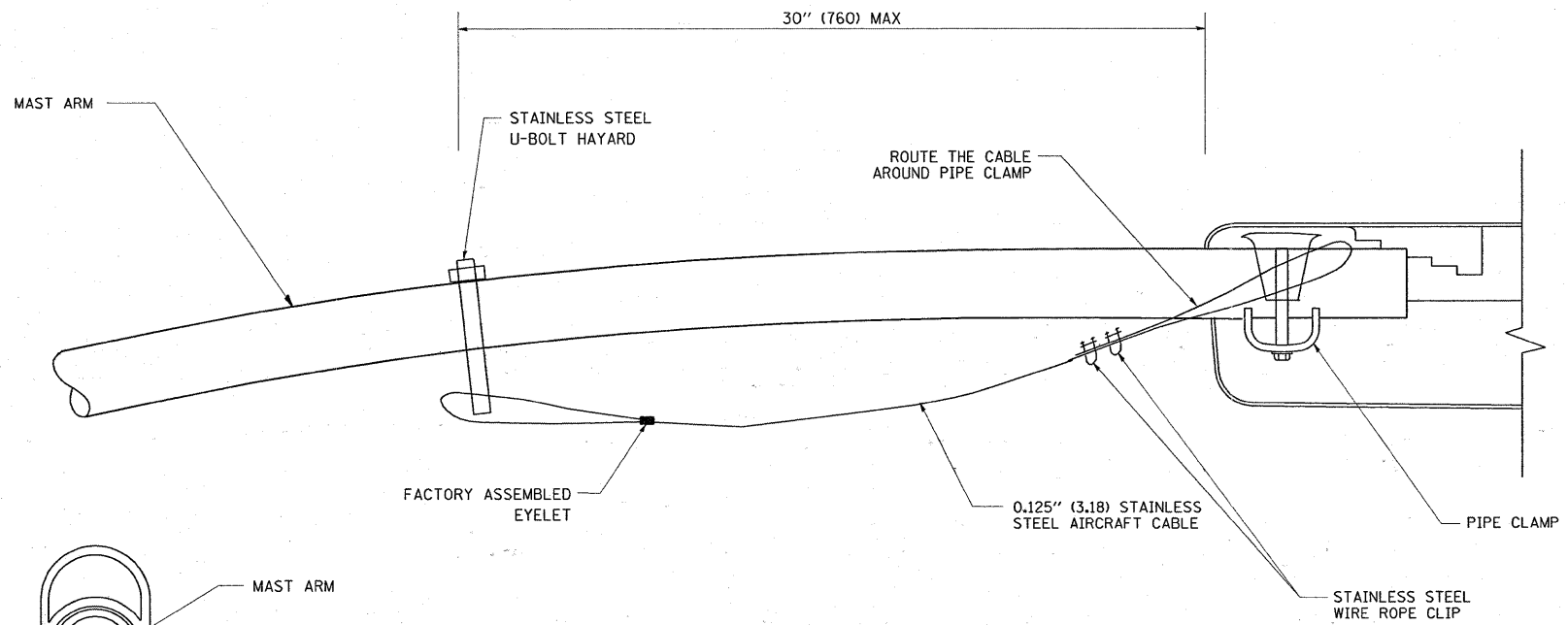
- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
- ③ BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 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.

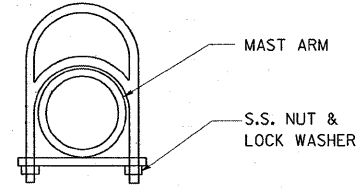
FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCHING DETAIL FOR EMBANKMENT WIDENING	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwwork\PW100T\BANKSL\dms93602\01st.dgn		DRAWN - CADD	REVISED -			347	2 Y-N	DUPAGE	40	25
PLDT SCALE = 50.0000' / IN.		CHECKED - S.E.B.	REVISED -			BD-51		CONTRACT NO. 60E65		
PLDT DATE = 3/19/2009		DATE - 06-16-04	REVISED -			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT	



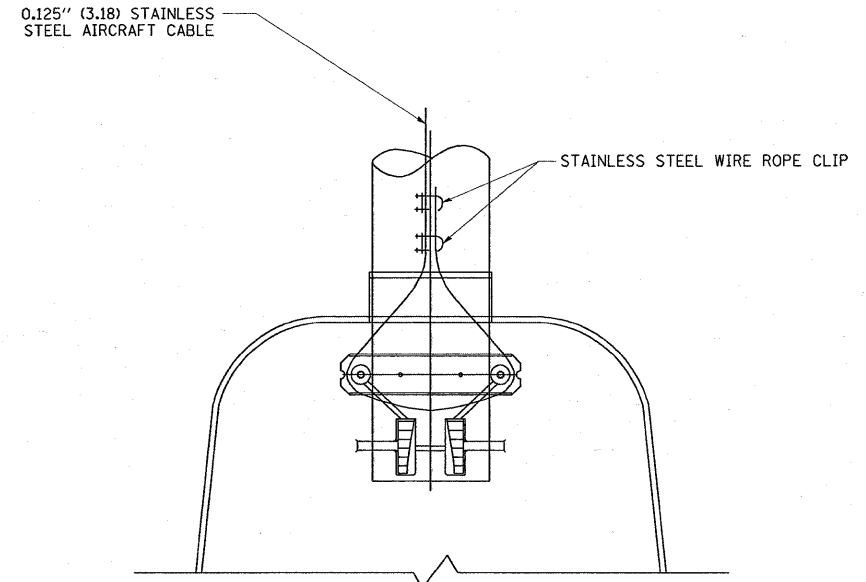
SIDE VIEW (TRUSS ARM)
N.T.S.



SIDE VIEW (SINGLE MEMBER OR DAVIT ARM)
N.T.S.



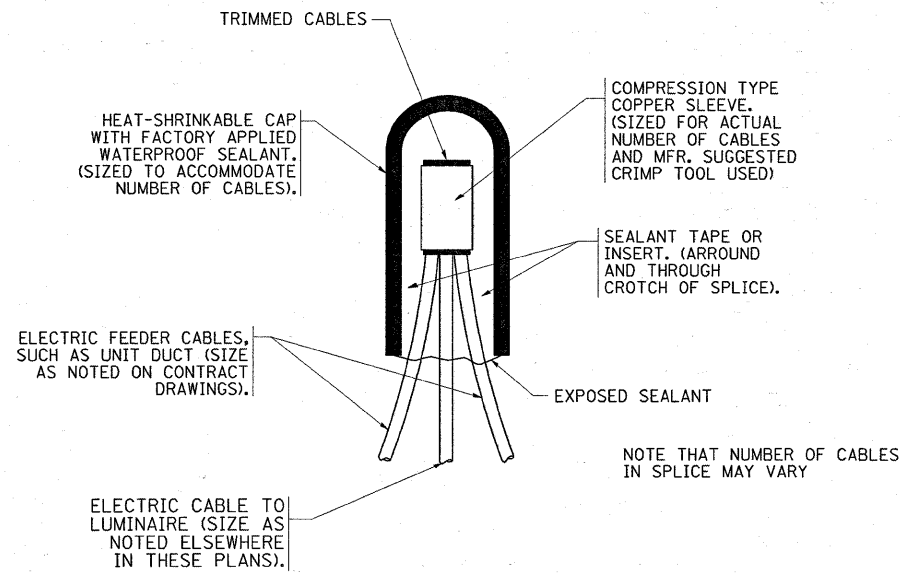
STAINLESS STEEL U-BOLT HAYARD



BOTTOM VIEW
N.T.S.

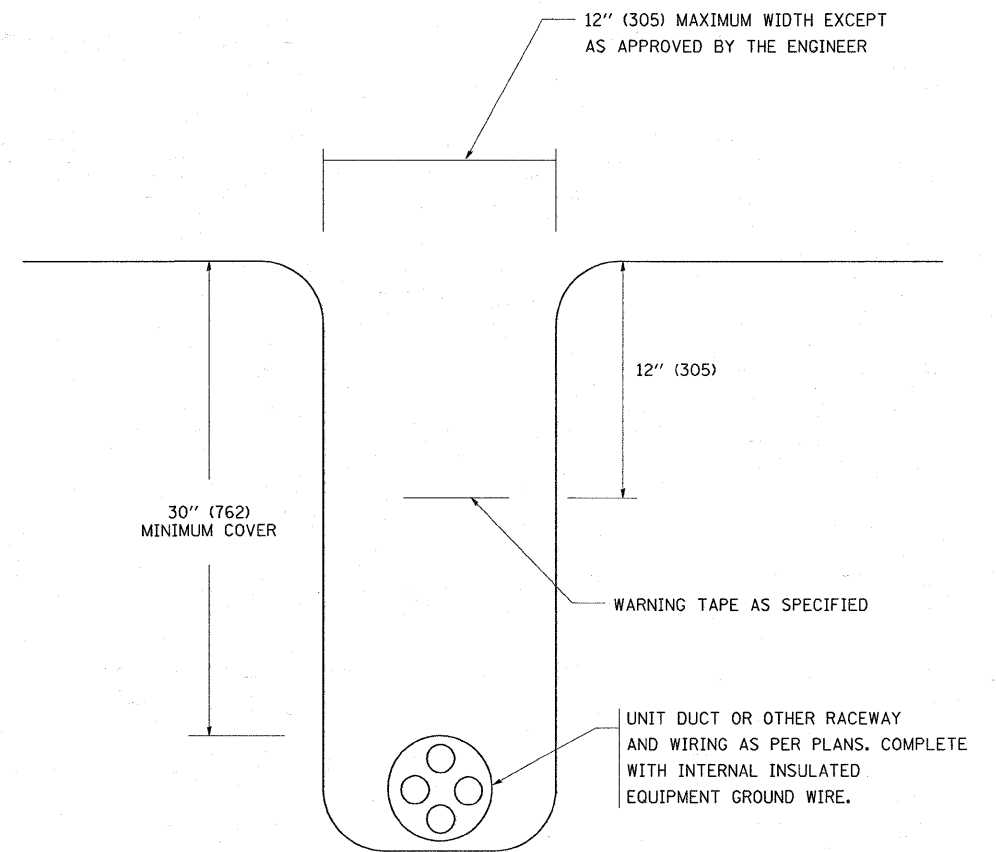
- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
 2. CONTRACTOR SHALL ADJUST THE WIRE CLIP TO ELIMINATE ANY SLACK FROM THE WIRE ROPE.
 3. THE 0.125" (3.18) STAINLESS STEEL AIRCRAFT CABLE SHALL REMAIN VISIBLE FROM THE GROUND LEVEL.
 4. THE BREAKING STRENGTH OF THE CABLE SHALL BE 1700 LBS. MIN.

FILE NAME =	USER NAME = abreuah	DESIGNED -	REVISED - 08-08-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LUMINAIRE SAFETY CABLE ASSEMBLY			F.A.P. RTE. 347	SECTION 2Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 26
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	PLOT DATE = 3/20/2009	CHECKED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



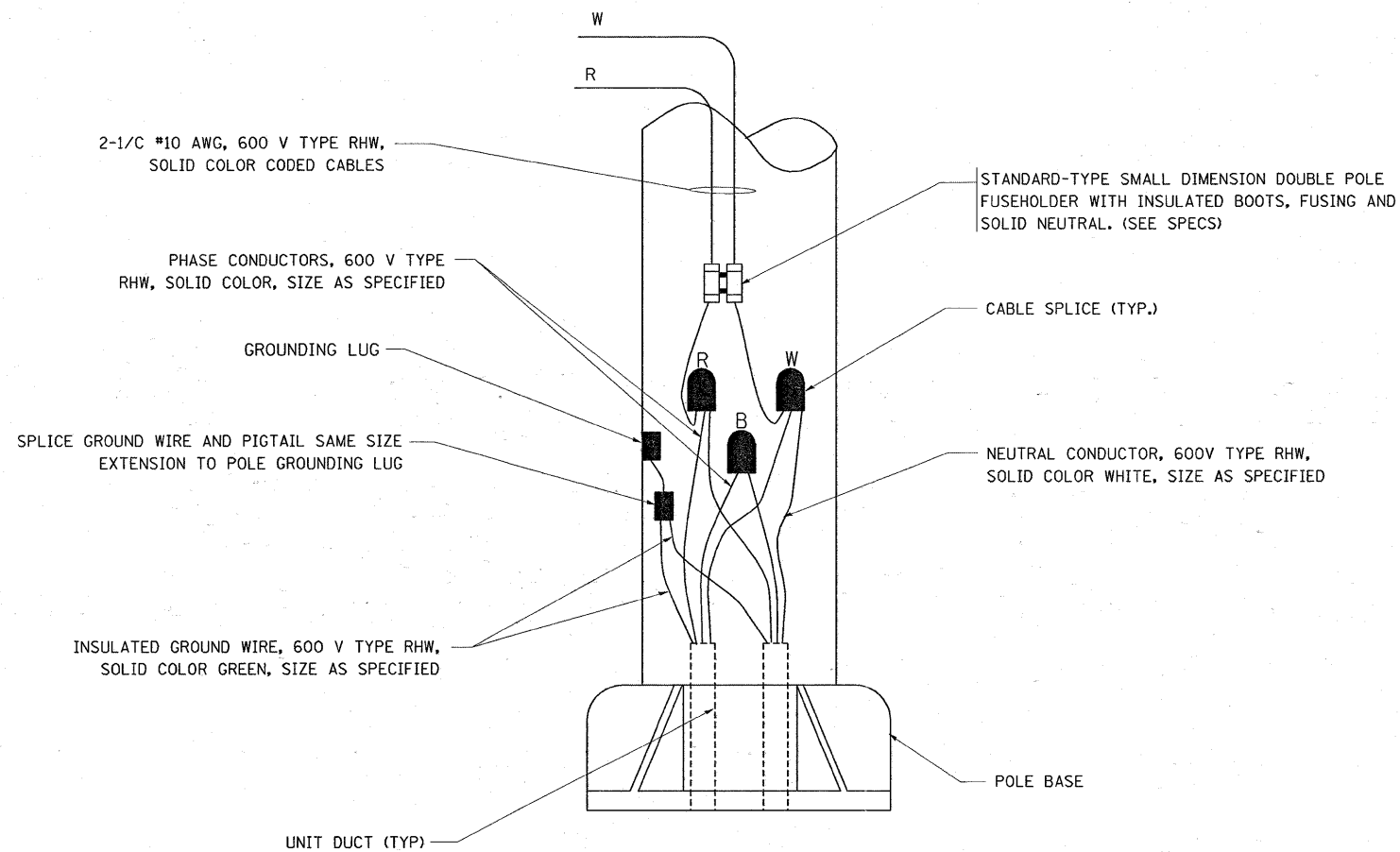
TYPICAL SPLICE DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.



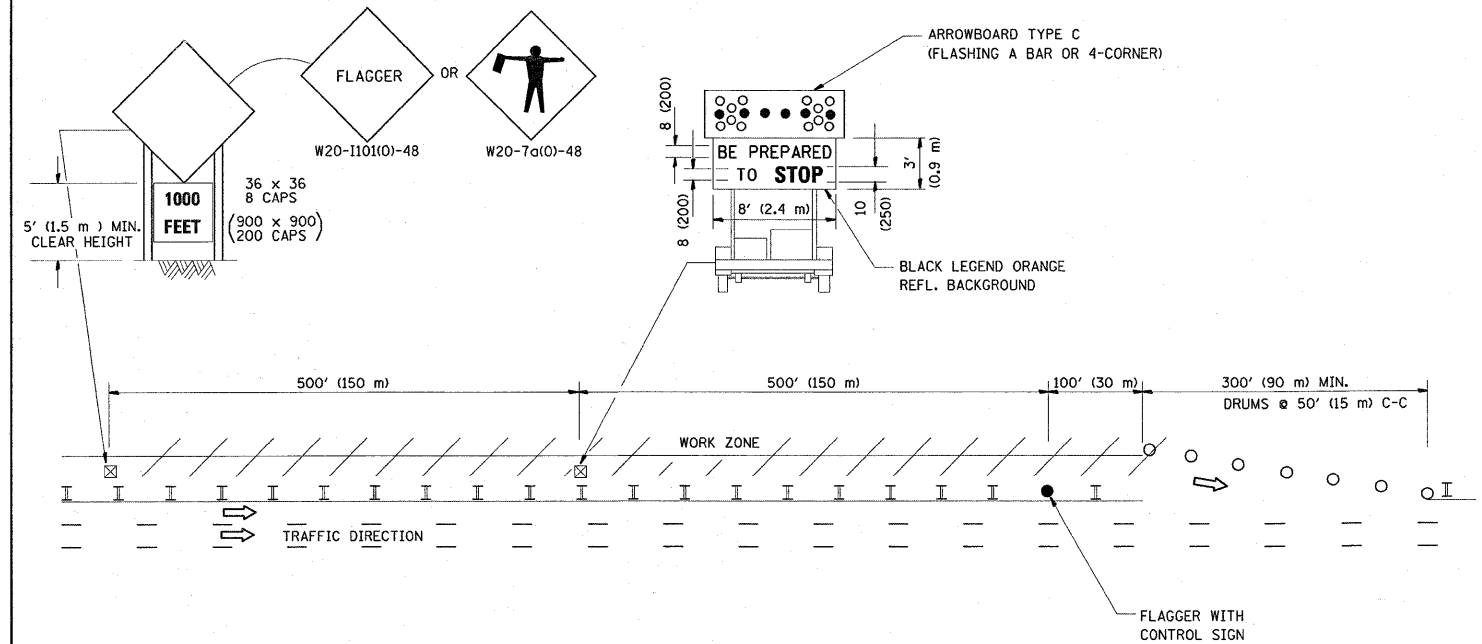
POLE WIRING DETAIL

N.T.S.

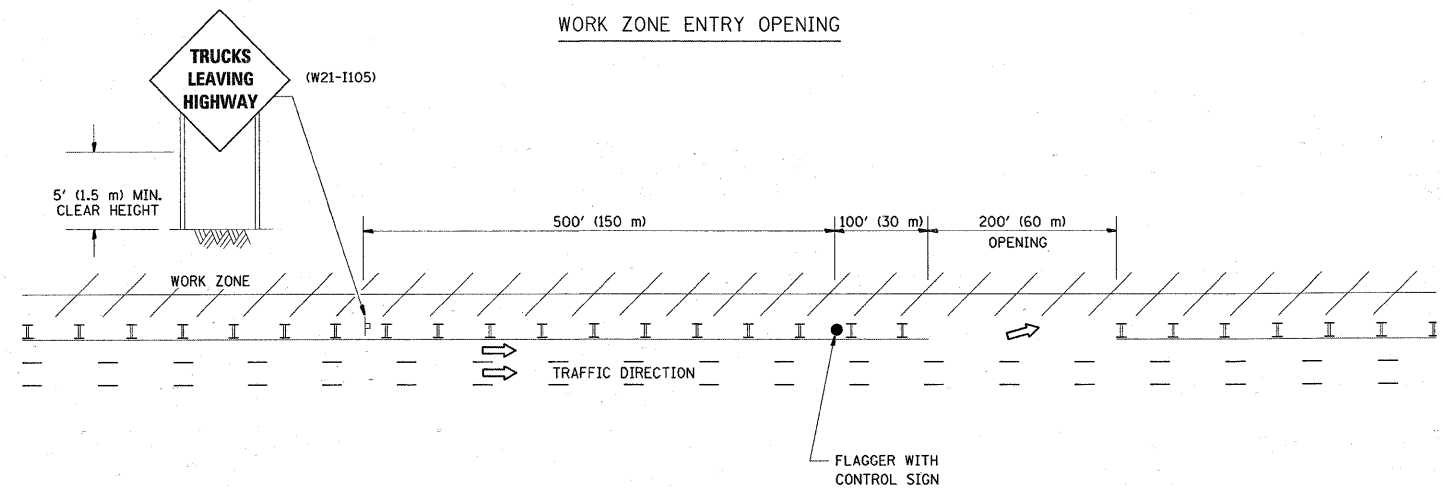
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ca:\pwork\PWIDOT\ABREUAH\dms93682\01sStd.dgn		DRAWN -	REVISED -		347	2Y-N	DUPAGE	40	27		
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PLOT DATE = 3/20/2009		DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

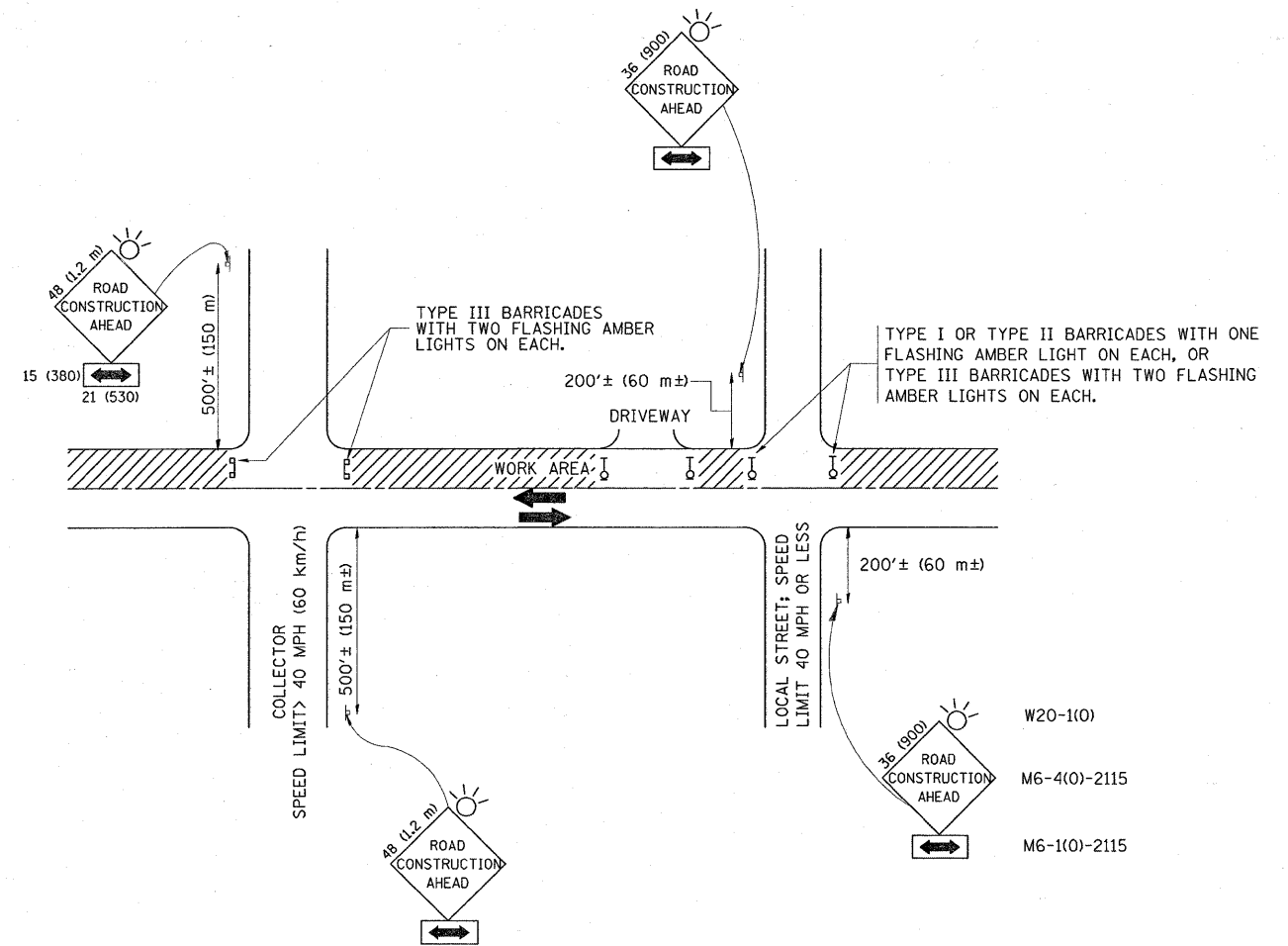
FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED - D.W.S. 08-98
ct\pw_work\PWIDOT\BANKSL\dms93682\01st.dgn		DRAWN -	REVISED - J.A.F. 04-03
		CHECKED -	REVISED - J.A.F. 02-06
		DATE -	REVISED - S.P.B. 01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	2 Y-N	DUPAGE	40	28
TC-18			CONTRACT NO. 60E65	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

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

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

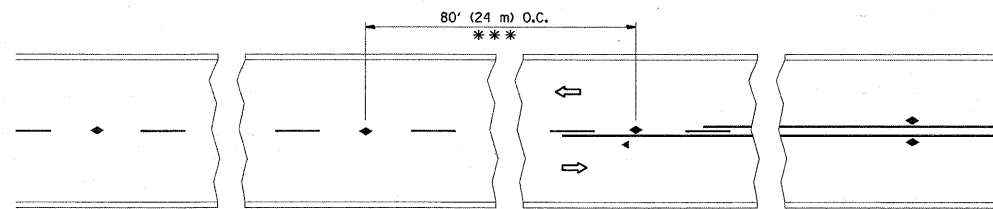
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ct:\pw_work\PWIDOT\BANKSL\dms93602\01st4	dd.dgn	DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLT SCALE = 50.0000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLT DATE = 3/19/2009	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

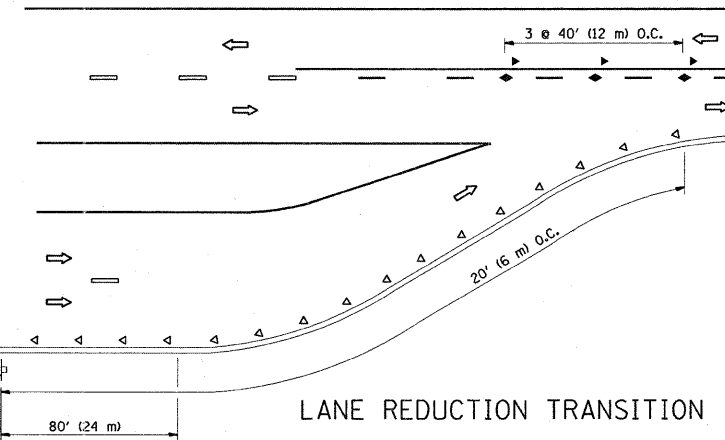
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DU PAGE	TOTAL SHEETS 40	SHEET NO. 29
TC-10			CONTRACT NO. 60E65	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

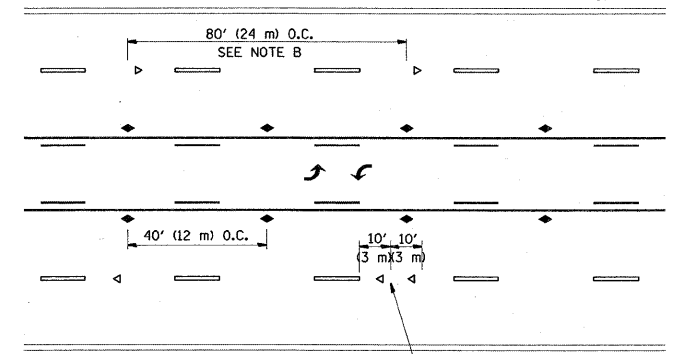


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

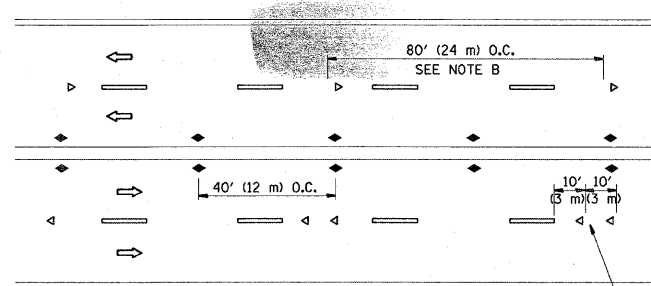
TWO-LANE/TWO-WAY



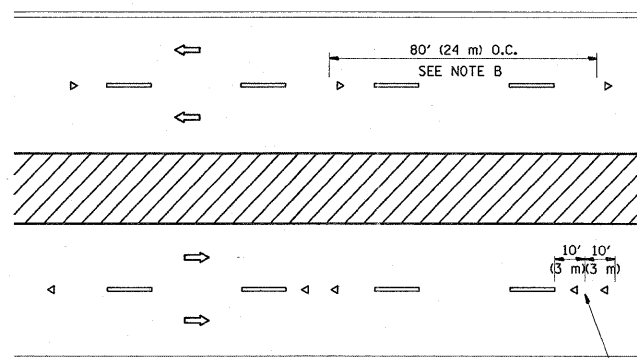
LANE REDUCTION TRANSITION



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

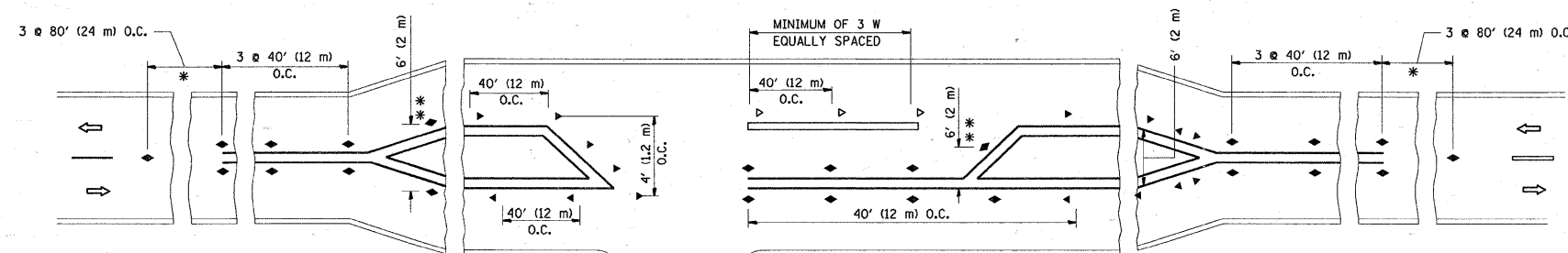
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- 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.
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

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.

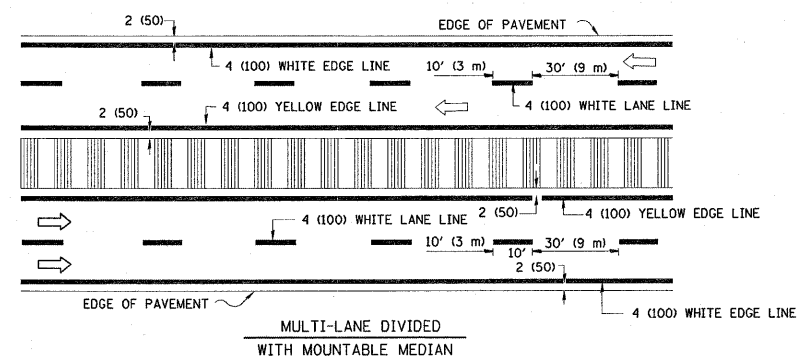
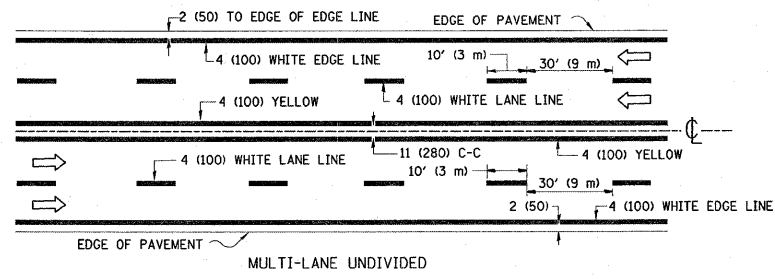
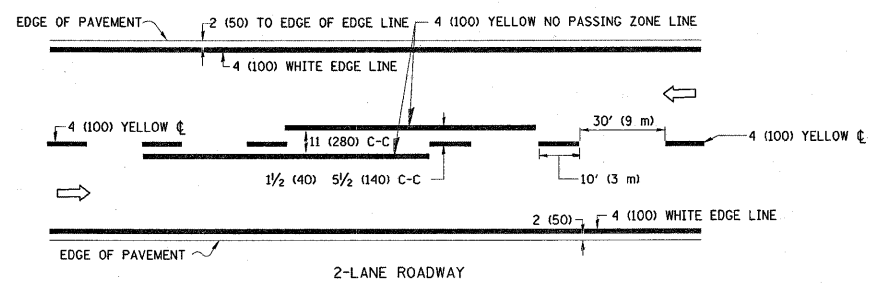


LEFT TURN

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

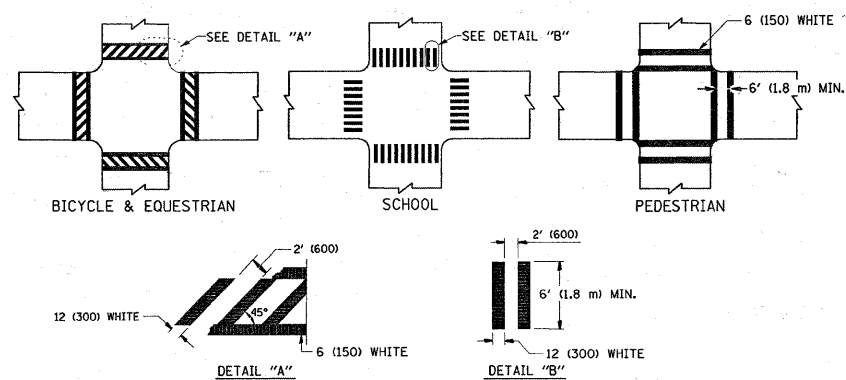
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = banks1	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 30
ct:\pw_work\VPWIDOT\BANKSL\dms93602\01st5.dgn	PLOT SCALE = 50.0000" / IN.	DRAWN -	REVISED - T. RAMMACHER 03-12-99		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-11				
	PLOT DATE = 3/19/2009	CHECKED -	REVISED - T. RAMMACHER 01-06-00		CONTRACT NO. 60E65							
		DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

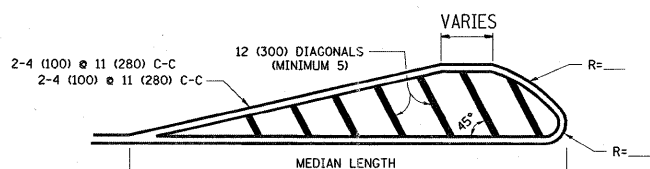
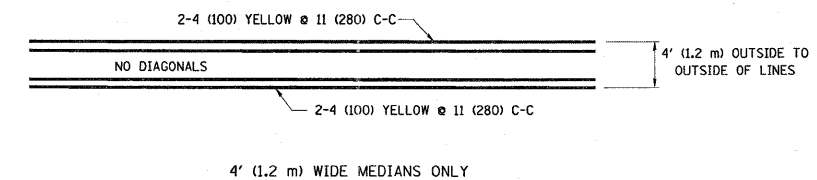


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

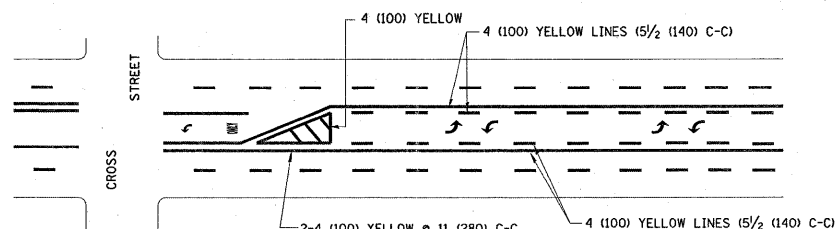


TYPICAL CROSSWALK MARKING

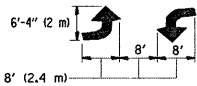


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

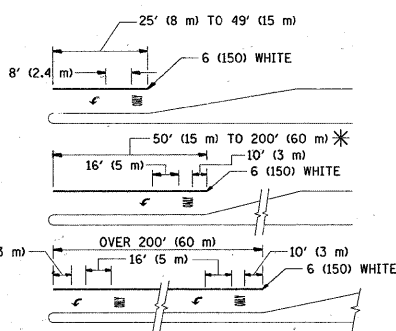


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

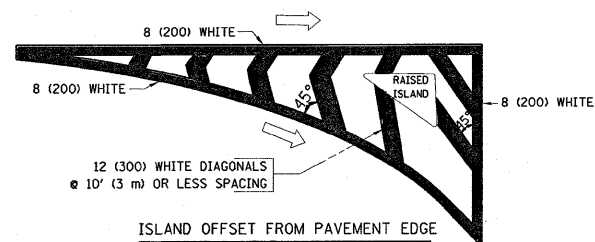


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

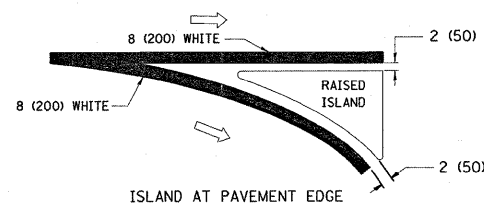
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

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

FILE NAME =	USER NAME = banks1	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
cs:\pw_work\1PWIDOT\BANKSL\dms93682\101st\d.dgn		DRAWN -	REVISED - A. HOUSEH 10-09-96
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-17-96
	PLOT DATE = 3/19/2009	DATE - 03-19-90	REVISED - T. RAMMACHER 01-06-00

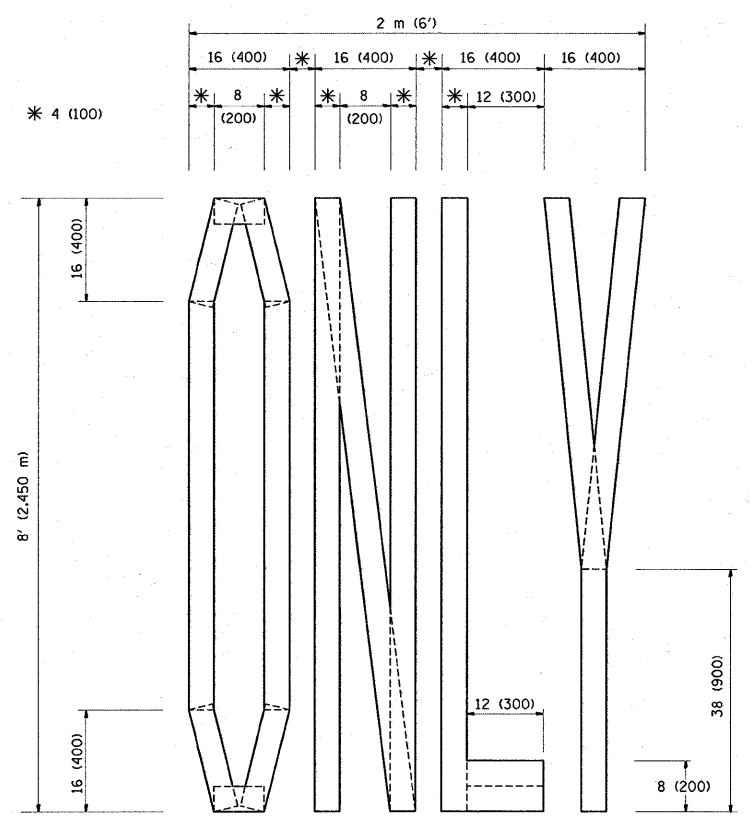
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

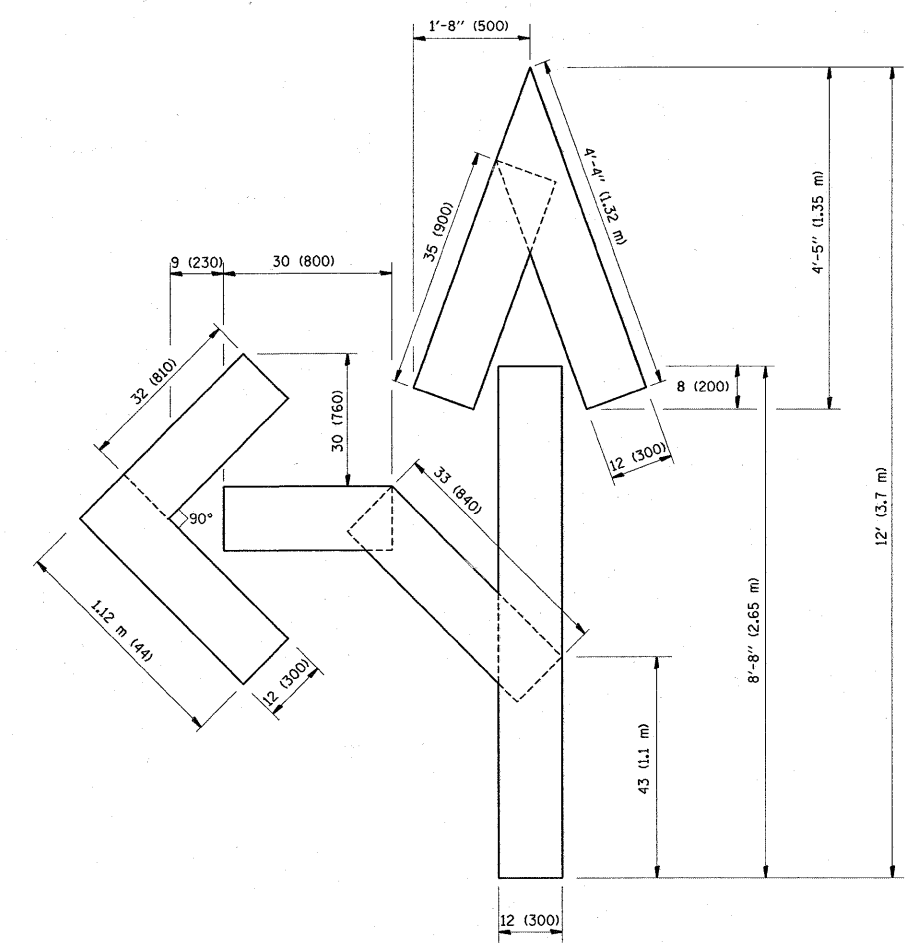
SCALE: NONE

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

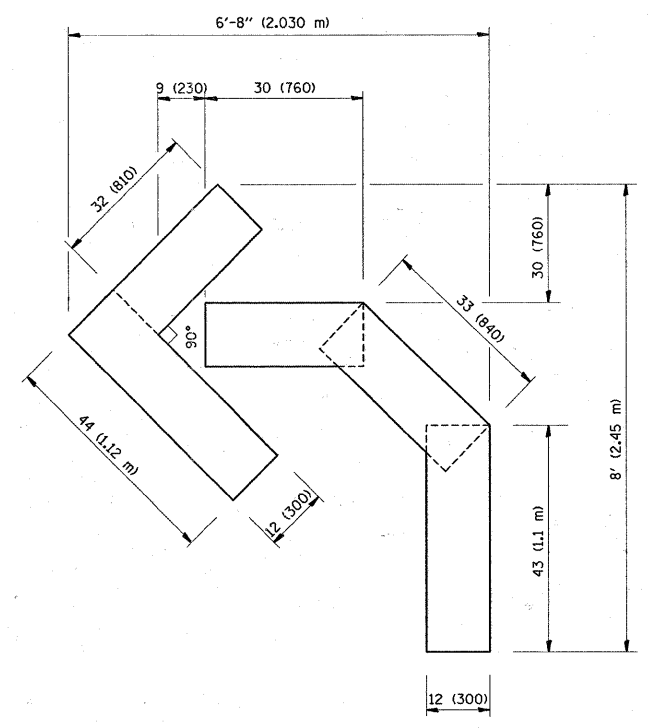
F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 31
TC-13		CONTRACT NO. 60E65		
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				



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.

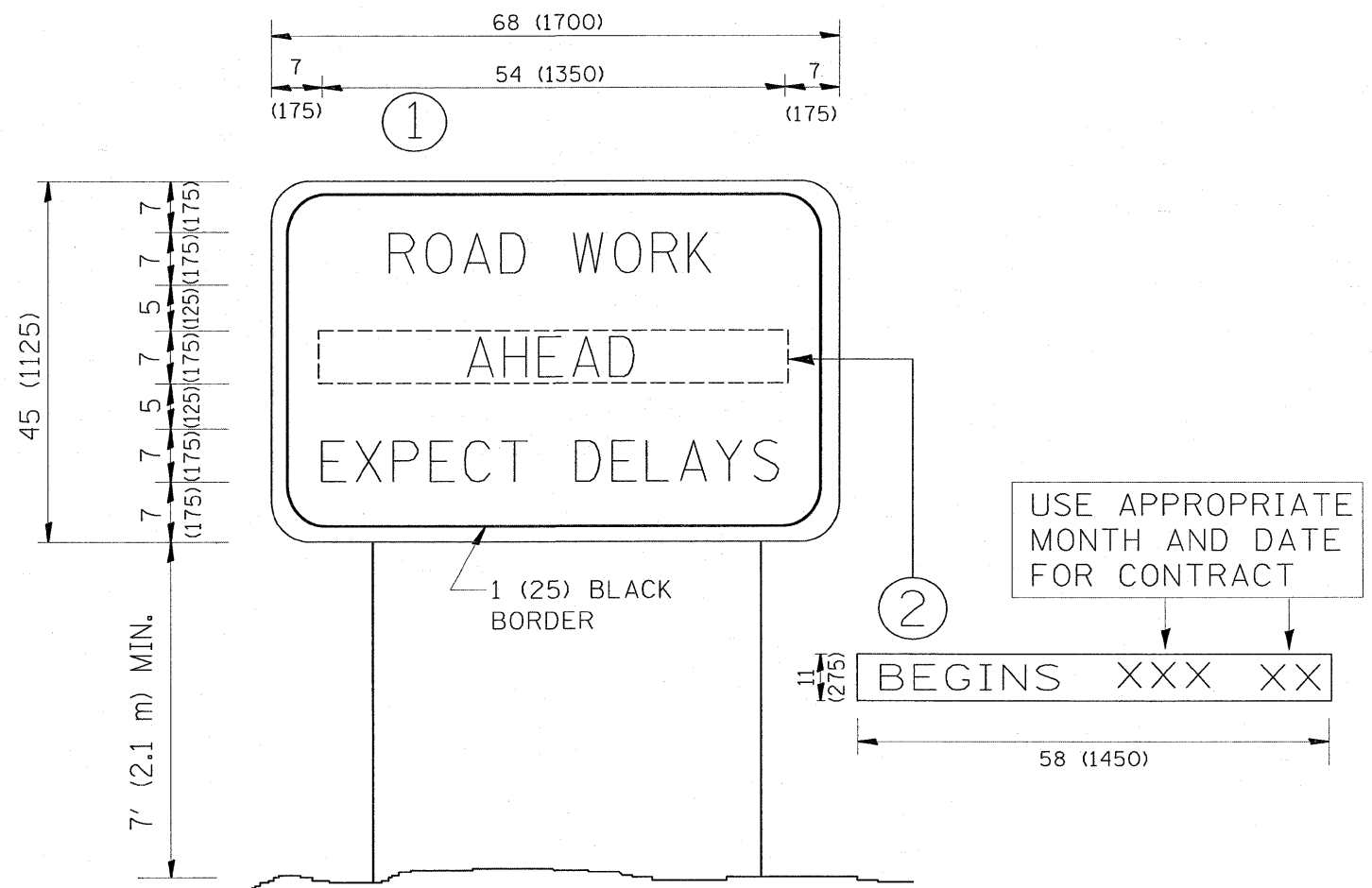
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		CHECKED -	REVISED - T. RAMMACHER 03-02-98
		DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	2 Y-N	DUPAGE	40	32
TC-16			CONTRACT NO. 60E65	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

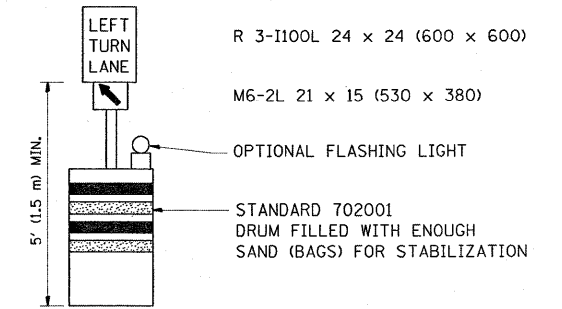
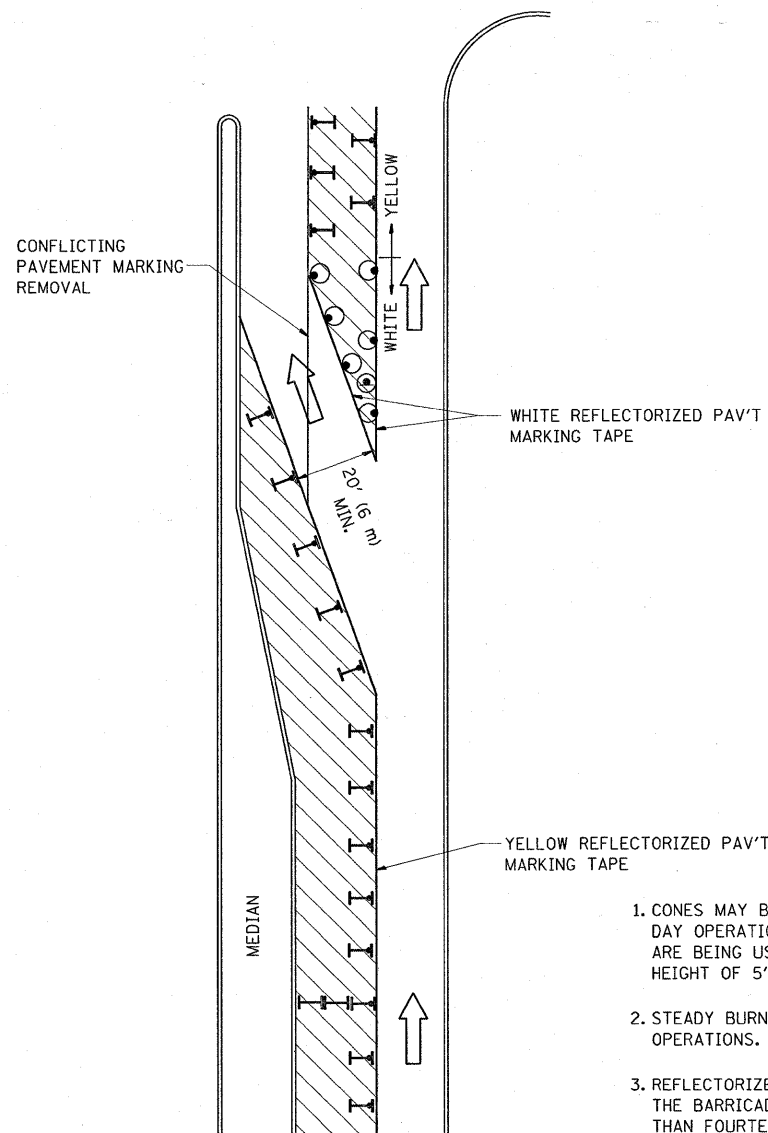
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ct:\pwwork\PWIDOT\BANKSL\dms93682\Dist\	dgn	DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.0000 "/ IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 3/19/2009	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 33
TC-22			CONTRACT NO. 60E65	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				









GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

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c:\pwork\pwork\DOT\BANKSL\dms936021\01st.dgn		DRAWN -	REVISED - A. HOUSEH 11-07-95
		CHECKED -	REVISED - A. HOUSEH 10-12-96
		DATE -	REVISED - T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

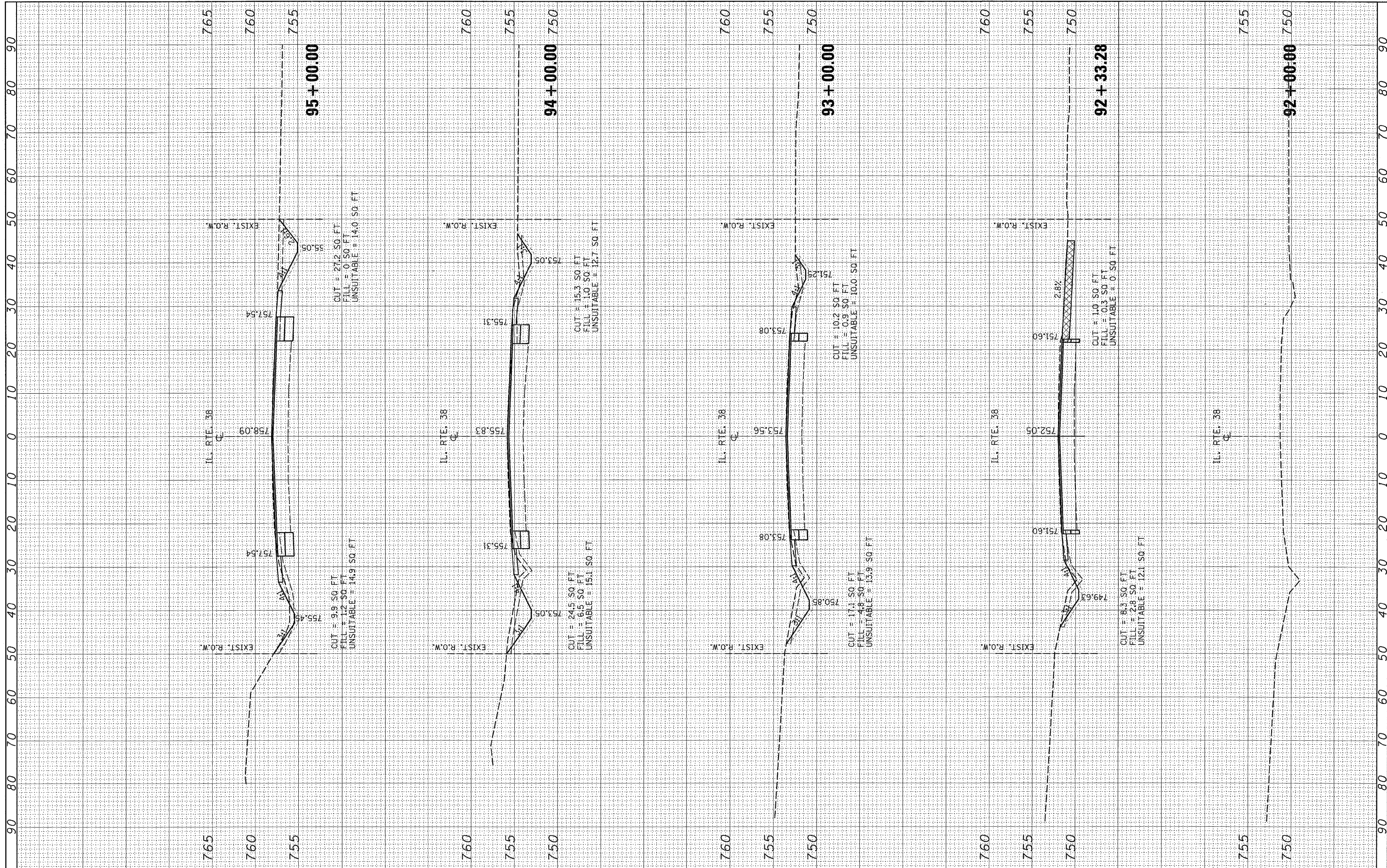
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 34
TC-14			CONTRACT NO. 60E65	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

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	AREAS CHECKED		

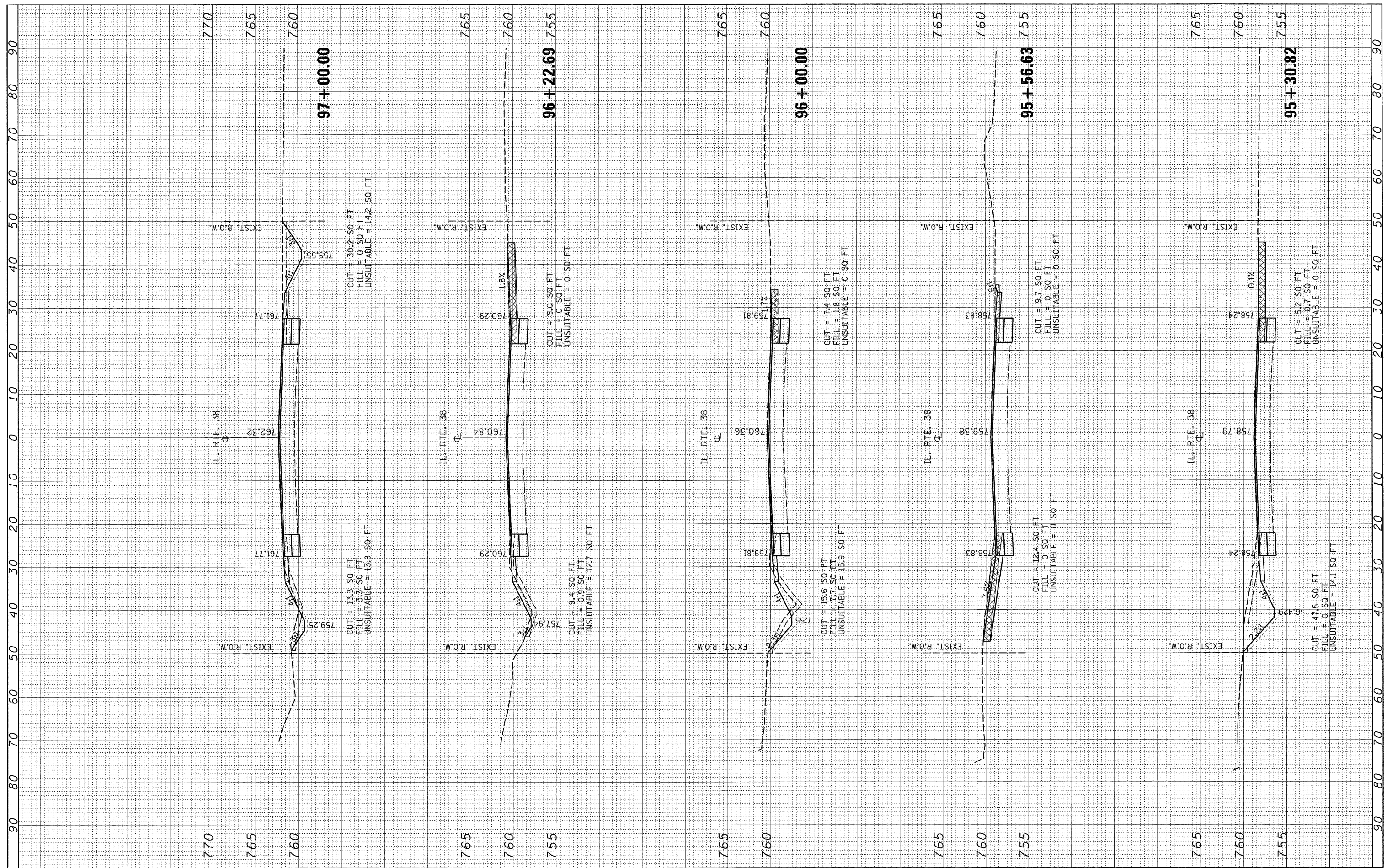
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



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PLOT DATE = 3/19/2009		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA. 92+00.00	TO STA. 95+00.00

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS		
	CHECKED		



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

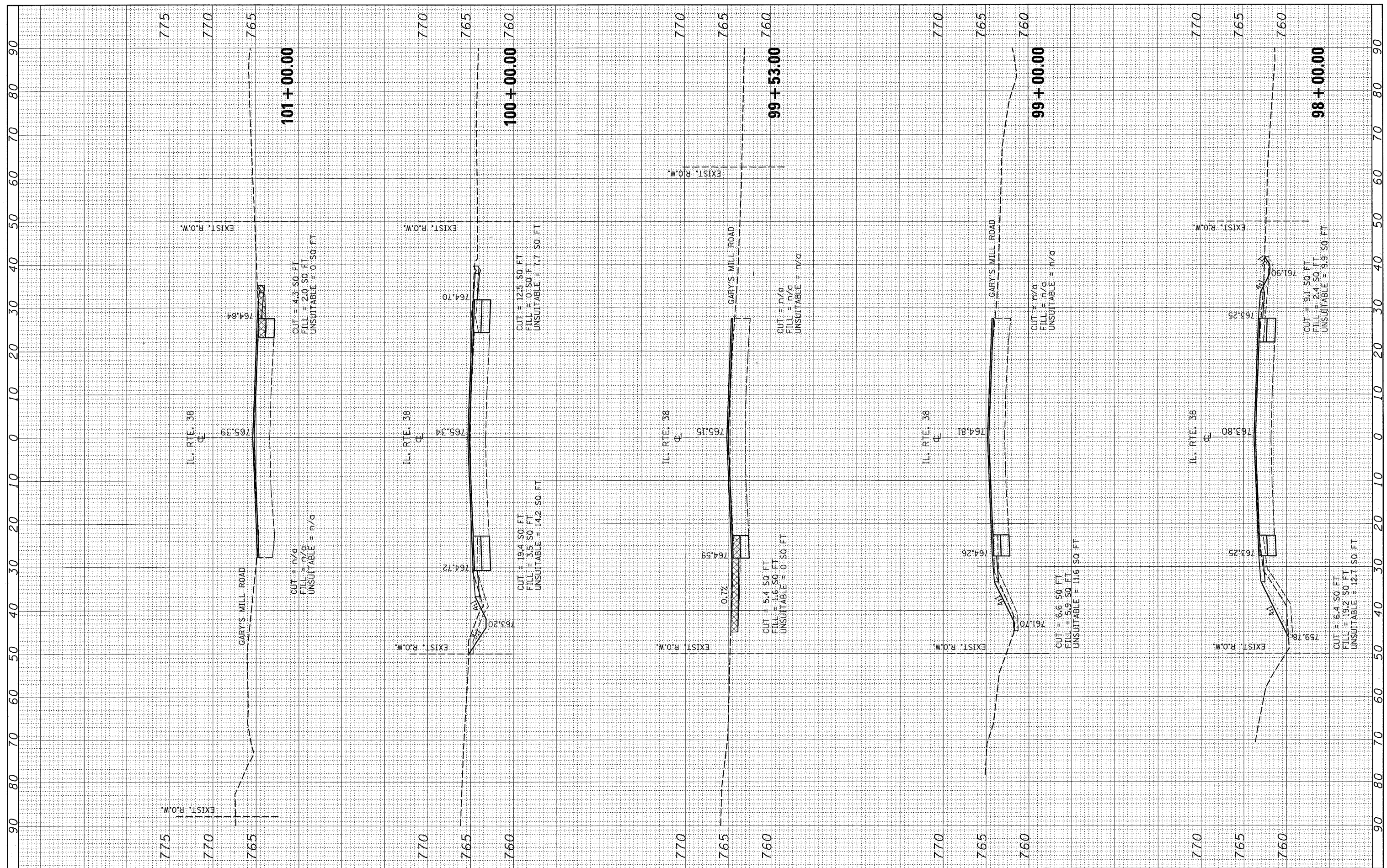
SCALE: SHEET NO. OF SHEETS STA. 95+30.82 TO STA. 97+00.00

IL. ROUTE 38 CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	2 Y-N	DUPAGE	40	36
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60E65		

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

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



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 PLOT DATE = 3/19/2009

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

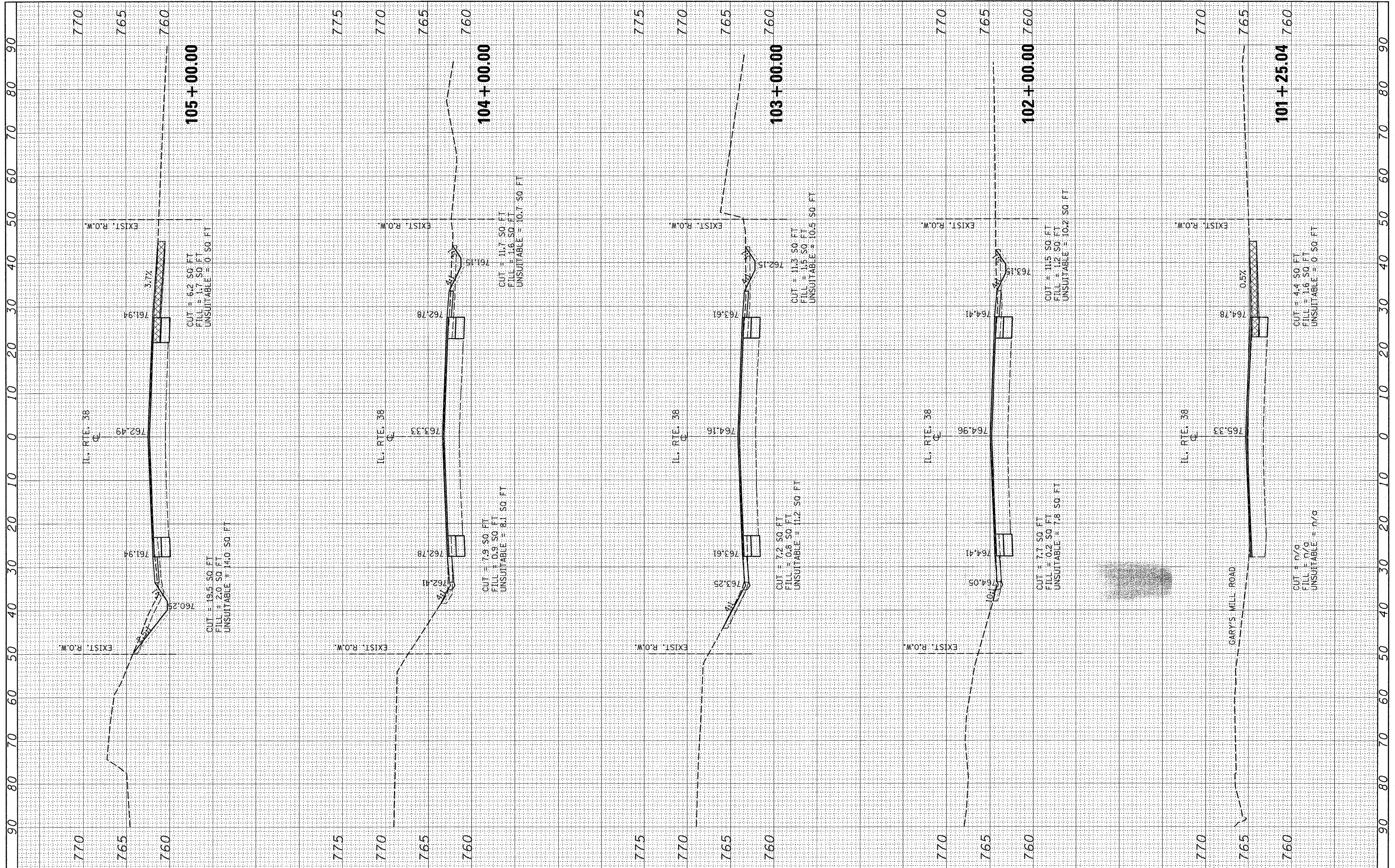
IL. ROUTE 38 CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 98+00.00 TO STA. 101+00.00

F.A.P. RTE. 347	SECTION 2 Y-N	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 37
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E65	

BY	DATE
NO.	
NO.	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

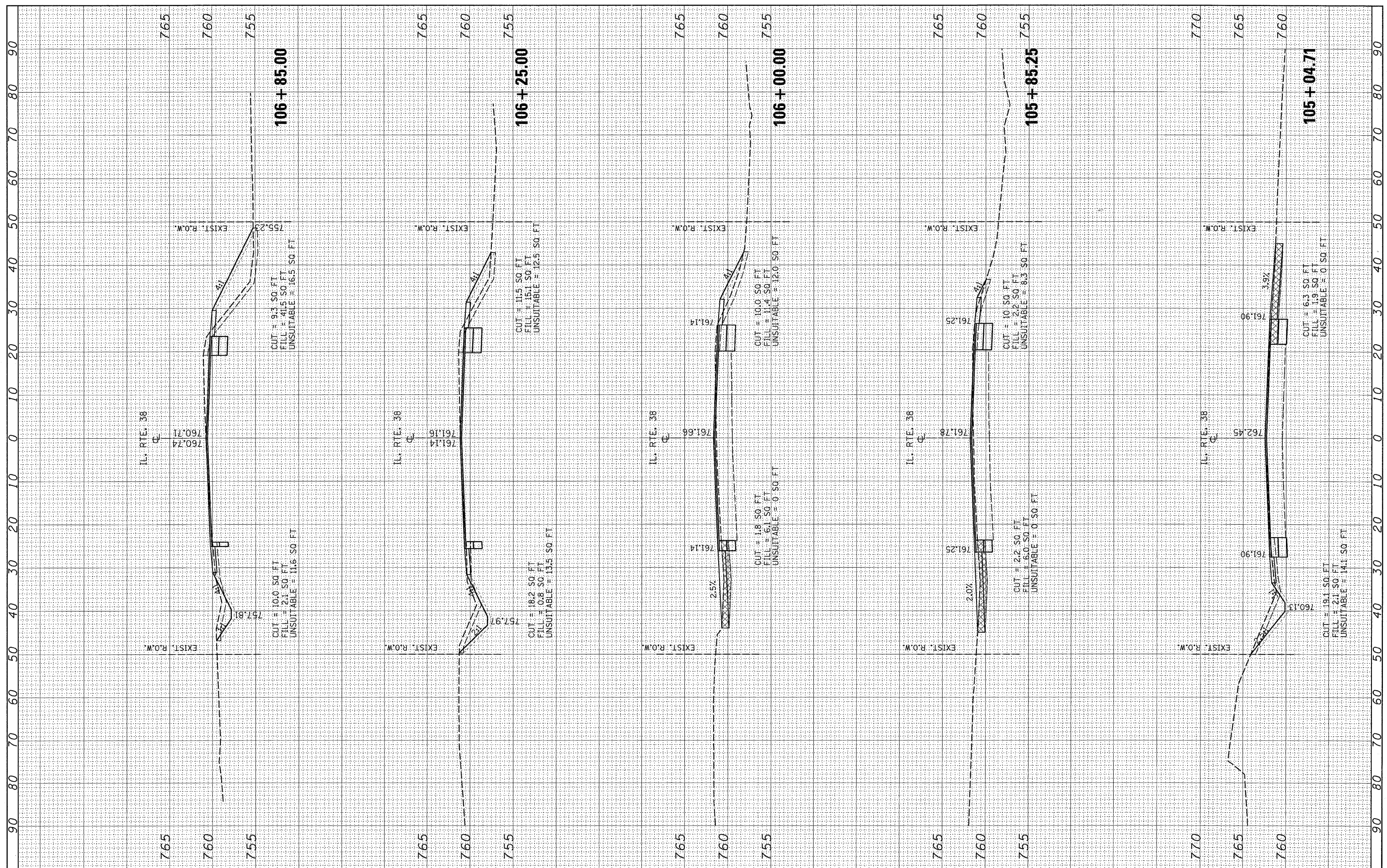
IL ROUTE 38 CROSS SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 101+25.04 TO STA. 105+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	2 Y-N	DUPAGE	40	38
CONTRACT NO. 60E65				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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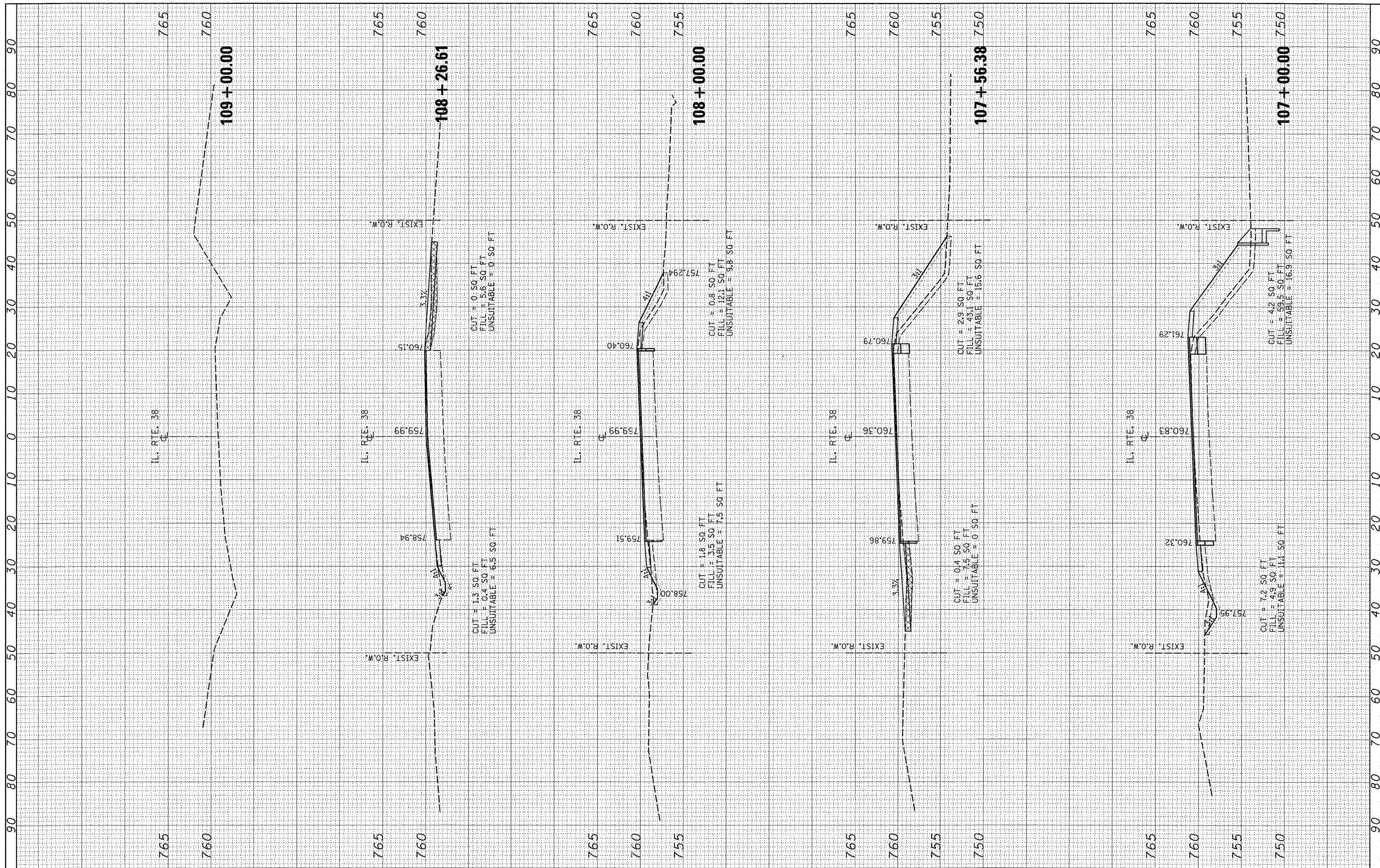
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PLOT DATE = 3/19/2009	DATE -	CHECKED -	REVISED -					CONTRACT NO.				
								SCALE:	SHEET NO.	OF SHEETS	STA. 105+04.71 TO STA. 106+85.00	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

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

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



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL ROUTE 38 CROSS SECTIONS
 SCALE: SHEET NO. OF SHEETS STA. 107+00.00 TO STA. 109+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2 Y-N	DUPAGE	40	40
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60E65	