4-24-09 Letting, Item 207

CONTRACT NO. 60A90

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DuPAGE	59	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
DOUBLE BOX CULVERT PLANS

IL ROUTE 19–FAU 1321–IRVING PARK ROAD
OVER MEACHAM CREEK

SECTION: 31T–2

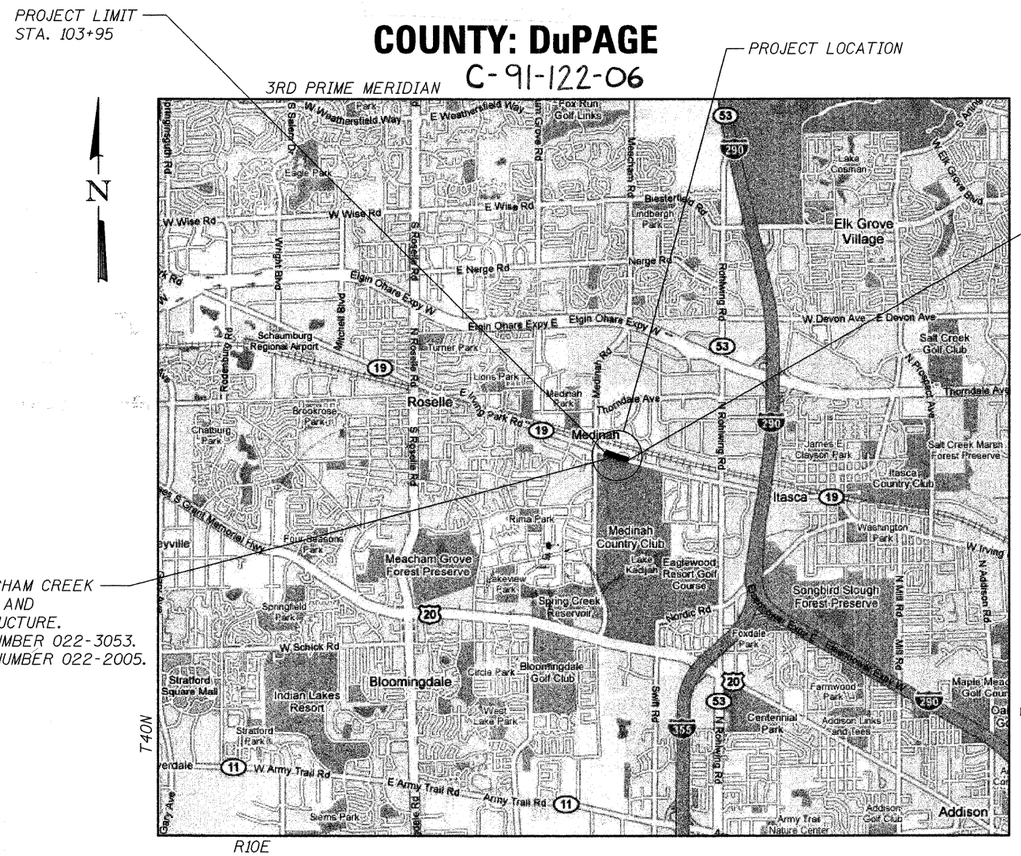
COUNTY: DuPAGE

C-91-122-06

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION
1672 (19) MINOR ARTERIAL 4.27 (HMA–20)

ADT: 13,400 (YEAR 2007)



LOCATION MAP

SCALE: 1" = 3000'
GROSS AND NET LENGTH OF PROJECT = 1065 FEET

D-91-122-06

LOCATION OF SECTION INDICATED THUS: –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED December 2, 20 08
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
March 27, 20 09
Charles J. Ingersoll
ENGINEER OF DESIGN AND ENVIRONMENT
March 27, 20 09
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

STATE OF ILLINOIS
FRED H. LEE
062-056704
LICENSED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

BY: Fred Lee DATE: 11/19/08
LICENSE EXPIRES: NOV. 30, 2009

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

STATE OF ILLINOIS
FRED H. LEE
062-056704
LICENSED
PROFESSIONAL
ENGINEER
OF
ILLINOIS
11/19/08
EXP 11/30/10

100' 200' 300' — 1" = 100'
0 10' 20' 30' — 1" = 10'
0 50' 100' — 1" = 50'
0 50' 100' — 1" = 40'
0 50' 100' — 1" = 30'
0 50' 100' — 1" = 20'

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

CONTRACT NO. 60A90

COLLINS ENGINEERS INC

DISTRICT ONE DESIGN/CONSULTANT SERVICES PROJECT MANAGER: HELEN PAZON (847) 705–4523

INDEX OF SHEETS

STATE STANDARDS

000001-05	630001-08
001001-02	630301-05
001006	635001-01
280001-04	635006-03
442201-03	635011-02
542301-02	667101-01
601001-03	701006-03
601101-01	701201-03
602001-01	701311-03
602306-02	701331-03
602401-02	701606-06
602601-02	701901-01
602701-02	704001-05
604001-03	720001-01
604006-04	720011-01
604036-02	728001-01
604091-02	729001-01
606001-04	780001-02
606006-02	781001-03
606201-02	

DISTRICT STANDARDS

BD01	TC10
BD02	TC11
BD03	TC13
BD07	TC21
BD24	TC22
BD32	TC26

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

GENERAL NOTES

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

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

THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH ALL UTILITIES WITHIN THE PROJECT LIMITS, AND ALSO WITH THE VILLAGE OF ITASCA PUBLIC WORKS DEPARTMENT (630-773-5571). ALL UTILTY RELOCATIONS SHALL TYPICALLY BE PERFORMED BY UTILITY AND/OR LOCAL AGENCIES. IF SPECIFIC UTILITY RELOCATIONS ARE REQUIRED TO BE PERFORMED BY THE CONTRACTOR, THIS WORK SHALL BE PAID IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE INCLUDED IN THE PLANS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.

THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATIONS SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE APPLICABLE PAY ITEMS.

STREAM FLOWS SHALL BE MAINTAINED THROUGHOUT THE PROJECT. NORMAL FLOWS SHALL BE ALLOWED TO PASS AT THE RATE IT ENTERS THE JOBSITE. HIGH FLOWS SHALL BE ALLOWED TO PASS WITHOUT CAUSING DAMAGE TO UPSTREAM PROPERTIES.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TOPSOIL FURNISH & PLACE, 4".

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

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

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

PRIOR APPROVAL FROM IDOT SHALL BE OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS.

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

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

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

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- SIGNED PROPERTY OWNER AGREEMENT FORM
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA

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

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

THE THICKNESS OF THE HOT-MIX ASPHALT OVERLAY SHOWN ON THE PLANS IS THE NOMINAL THICKNESS FOR THE OVERLAY. DEVIATIONS FROM THE NOMINAL THICKNESS WILL ONLY BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE ON WHICH THE OVERLAY IS PLACED.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION.

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

THE 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. THE RESIDENT ENGINEER SHALL ALSO COORDINATE ALL TRAFFIC OPERATIONS WITH THE VILLAGE OF ITASCA PUBLIC WORKS DEPARTMENT AT (630) 773-5571.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS THE EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF SAW CUTS AND JOINTS IS CONSIDERED AS INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

ESTIMATED QUANTITIES FOR FURNISHED EXCAVATION HAVE BEEN INCLUDED IN THE CONTRACT PLANS. DUE TO POTENTIAL SETTLEMENT DURING CONSTRUCTION. THESE QUANTITIES SHALL BE USED ONLY AS APPROVED BY THE ENGINEER.

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

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

THE WORK AND MATERIALS REQUIRED TO CONNECT ANY CULVERT OR SEWER TO ANOTHER DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE CULVERT OR SEWER ITEMS.

ALL ENGINEER'S FIELD OFFICES SHALL CONTAIN ONE FULLY-EQUIPPED FIRST-AID CABINET. THIS ITEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEM FOR ENGINEER'S FIELD OFFICE.

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02(I) AND 670.04(E):
ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

THE RESIDENT ENGINEER AND/OR CONTRACTOR SHALL NOTIFY THE TRAFFIC STUDIES TECHNICIAN IN PROGRAM DEVELOPMENT AT LEAST ONE WEEK PRIOR TO THE INSTALLATION OF THE TRAFFIC COUNTER LOOP DETECTOR TO DETERMINE EXACT LOCATION.

THE CONTRACTOR SHALL REMOVE OR RELOCATE ALL CONFLICTING MAILBOXES, EXISTING STREET NAME SIGNS, AND ALL PRIVATE AND COMMERCIAL SIGNS IN ACCORDANCE WITH ARTICLES 107.20 & 107.25 AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL COORDINATE WITH THE POSTAL SERVICE TO ENSURE THAT RESIDENCES AND BUSINESSES IN THIS AREA WILL MAINTAIN MAIL SERVICE DURING CONSTRUCTION. SIGN LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID ANY FOUND UTILITIES AND AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE COST OF EARTH EXCAVATION. ALL WOOD POST LOCATIONS SHALL BE VERIFIED WITH THE BUREAU OF OPERATIONS, TRAFFIC SECTION, BEFORE INSTALLATION.

IF ANY UNSUITABLE MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, IT WILL BE NECESSARY TO REMOVE THE UNSUITABLE MATERIAL AND REPLACE IT WITH A SUITABLE MATERIAL AS APPROVED BY THE ENGINEER.

INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE USED FOR ALL TEMPORARY SIDE ROAD CROSSINGS. AGGREGATE FOR DRIVEWAY MAINTENANCE MAY BE USED FOR ALL DRIVEWAY CROSSINGS EXCEPT DURING WINTER SHUTDOWN IN ACCORDANCE WITH ARTICLE 107.09.

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

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DESCRIPTION OF LOCATION, ELEVATION, AND COORDINATES FOR EACH PERMANENT SURVEY MARKER. THE ENGINEER SHALL SUBMIT THIS INFORMATION TO THE SURVEY CREW.

EXISTING FENCES SHALL BE REMOVED UP TO EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS AND AS SHOWN IN THE PLANS. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE COST OF EARTH EXCAVATION.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5)	PG 64-22	4% @ 70 Gyr.
FULL-DEPTH PAVEMENT AND PAVEMENT WIDENING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5); 2"	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PG 64-22*	4% @ 70 Gyr.
HOT-MIX ASPHALT SHOULDERS, 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5), 2"	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"	PG 64-22*	4% @ 70 Gyr.
ENTRANCES AND DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5), 2"	PG 64-22	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"	PG 64-22*	4% @ 70 Gyr.
TEMPORARY RAMP PAVEMENT		
INCIDENTAL HOT-MIX ASPHALT SURFACING, 8"	PG 64-22*	4% @ 70 Gyr.

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

FILE NAME = ...\D180A90-sht-gennote.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - FL	REVISED -
	PLOT DATE = 1/18/2009	DATE - 9/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STANDARDS, GENERAL NOTES & COMMITMENTS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	2
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITES			URBAN 100% STATE	CONSTRUCTION TYPE CODES	
PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY I000	CULVERT X028-2A
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	273	273	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	290	290	
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	75	75	
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	75	75	
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	75	75	
20200100	EARTH EXCAVATION	CU YD	5040	5040	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	4107	3834	273
20300100	CHANNEL EXCAVATION	CU YD	142	142	
20400800	FURNISHED EXCAVATION	CU YD	2440	2440	
20700220	POROUS GRANULAR EMBANKMENT	CU YD	46.4	46.4	
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	459.1	459.1	
20800150	TRENCH BACKFILL	CU YD	256.2	256.2	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	242.8	242.8	
21101615	TOP SOIL FURNISH AND PLACE, 4"	SQ YD	3256.3	3256.3	
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	500	500	
21301072	EXPLORATION TRENCH 72" DEPTH	FOOT	300	300	
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75	
25100115	MULCH, METHOD 2	ACRE	0.50	0.50	
25100630	EROSION CONTROL BLANKET	SQ YD	2260	2260	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	600	600	
28000300	TEMPORARY DITCH CHECKS	EACH	13	13	
28000310	AGGREGATE DITCH CHECKS	EACH	16	16	
28000400	PERIMETER EROSION BARRIER	FOOT	2123.7	2123.7	
28000500	INLET AND PIPE PROTECTION	EACH	5	5	
28000510	INLET FILTERS	EACH	8	8	
28100107	STONE RIPRAP, CLASS A4	SQ YD	140		140
28200200	FILTER FABRIC	SQ YD	183		183
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	231	231	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	5.6	5.6	
40600300	AGGREGATE (PRIME COAT)	TON	9.1	9.1	
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	3.9	3.9	
40600895	CONSTRUCTING TEST STRIP	EACH	2	2	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	311	311	

	SUMMARY OF QUANTITES			URBAN 100% STATE	CONSTRUCTION TYPE CODES	
	PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY I000	CULVERT X028-2A
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	150	150	
	~~40603085~~	~~HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70~~	~~TON~~	~~3657.5~~	~~3657.5~~	
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	533	533	
	40701931	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12 1/2"	SQ YD	971	971	
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	30	30	
	42001300	PROTECTIVE COAT	SQ YD	654.6	654.6	
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1249	1249	
	42400800	DETECTABLE WARNINGS	SQ FT	132	132	
	44000100	PAVEMENT REMOVAL	SQ YD	874.3	874.3	
	44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3603.3	3603.3	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	490.3	490.3	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	416	416	
	44000600	SIDEWALK REMOVAL	SQ FT	924	924	
	44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	969.6	969.6	
	44002224	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 6"	SQ YD	268.0	268.0	
	44002600	GUTTER OUTLET REMOVAL	FOOT	31.9	31.9	
	44004400	PAVEMENT REMOVAL (SPECIAL)	SQ YD	187	187	
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	268	268	
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	3195	3195	
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1		1
	48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	421.1	421.1	
	50104300	CONCRETE HEADWALL REMOVAL	CU YD	16	16	
	48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	1414.6	1414.6	
	50105220	PIPE CULVERT REMOVAL	FOOT	283	283	
	51500100	NAME PLATES	EACH	1		1
	54001000	BOX CULVERT END SECTIONS	EACH	2		2
	54011209	PRECAST CONCRETE BOX CULVERT 12' X 9'	FOOT	142.7		142.7
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	4	4	
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1	
	55101200	STORM SEWER REMOVAL 24"	FOOT	78	78	
*	56100700	WATER MAIN 8"	FOOT	500	500	
*	56106400	ADJUSTING WATER MAIN 8"	FOOT	1200	1200	

* 100% VILLAGE OF ITASCA

SUMMARY OF QUANTITIES

COLLINS ENGINEERS PC	QUANTITIES SHEET NO. 1 OF 3 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		1321	31T-2	DuPAGE	59 / 3
			SN: 022-2005	CONTRACT NO. 60A90	
DESIGNED: LDB / CHECKED: JMH		FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	
DATE: 1/23/09 / DRAWN: DR					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	SUMMARY OF QUANTITES			URBAN 100% STATE	CONSTRUCTION TYPE CODES	
	PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 1000	CULVERT X028-2A
*	56109300	WATER VALVES TO BE MOVED	EACH	8	8	
*	56300100	ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS	FOOT	1700	1700	
*	56300200	ADJUSTING SANITARY SEWERS, OVER 8-INCH DIAMETER	FOOT	500	500	
*	56400100	FIRE HYDRANTS TO BE MOVED	EACH	4	4	
*	56500100	DOMESTIC METER VAULTS TO BE MOVED	EACH	8	8	
*	56500200	DOMESTIC WATER SERVICE BOXES TO BE MOVED	EACH	8	8	
	60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	2	2	
	60107600	PIPE UNDERDRAINS 4"	FOOT	200	200	
	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	48	48	
	60109510	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"	FOOT	248	248	
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	5	
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	2	2	
	60260100	INLETS TO BE ADJUSTED	EACH	1	1	
	60500040	REMOVING MANHOLES	EACH	3	3	
	60603300	GUTTER OUTLET	EACH	2	2	
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	487	487	
⊛	63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	412.5	412.5	
⊛	63000025	STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES	FOOT	75	75	
⊛	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	
	63200310	GUARDRAIL REMOVAL	FOOT	380.6	380.6	
	63300725	STEEL PLATE BEAM GUARD RAIL (SHORT RADIUS)	FOOT	41.2	41.2	
	63500105	DELINEATORS	EACH	4	4	
	66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	1	1	
	66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	3	3	
	66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	1	1	
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	
	67100100	MOBILIZATION	L SUM	1	1	
	~~70100200~~	~~TRAFFIC CONTROL AND PROTECTION, STANDARD 701331~~	~~EACH~~	~~3~~	~~3~~	
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
	70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1	

	SUMMARY OF QUANTITES			URBAN 100% STATE	CONSTRUCTION TYPE CODES	
	PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 1000	CULVERT X028-2A
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	60	
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	16	16	
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4500	4500	
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4207	4207	
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	1863	1863	
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	900	900	
⊛	72000100	SIGN PANEL - TYPE 1	SQ FT	12.6	12.6	
⊛	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	30	30	
⊛	73400100	CONCRETE FOUNDATIONS	CU YD	0.36	0.36	
⊛	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	8340	8340	
⊛	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	198	198	
⊛	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48	48	
⊛	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	54	84	
	78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	12	12	
⊛	78200410	GUARDRAIL MARKERS, TYPE A	EACH	15	15	
⊛	78200530	BARRIER WALL MARKERS, TYPE C	EACH	886	886	
⊛	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	3028	3028	
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	98	98	
*	X0300558	SANITARY SEWER REMOVAL AND REPLACEMENT 8"	FOOT	1200	1200	
*	X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1	
**	X0322035	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	210.5	210.5	
**	X0322125	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	64.9	64.9	
	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	414	414	
	X0322324	WEED CONTROL, TEASEL	POUND	0.16	0.16	
	X0322467	TEMPORARY INFORMATION SIGNING FOR LANE CLOSURE	SQ FT	280	280	
	X0322879	GRADING AND SHAPING FORESLOPES	SQ YD	2130	2130	

* 100% VILLAGE OF ITASCA
** 70% STATE 30% VILLAGE OF ITASCA
⊛ Specialty Items

SUMMARY OF QUANTITIES

COLLINS ENGINEERS INC		QUANTITIES SHEET NO. 2 OF 3 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DESIGNED: LDB	CHECKED: JMH		1321	31T-2	DuPAGE	59	4
DATE: 1/23/09	DRAWN: DR		SN: 022-2005		CONTRACT NO. 60A90		
			FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

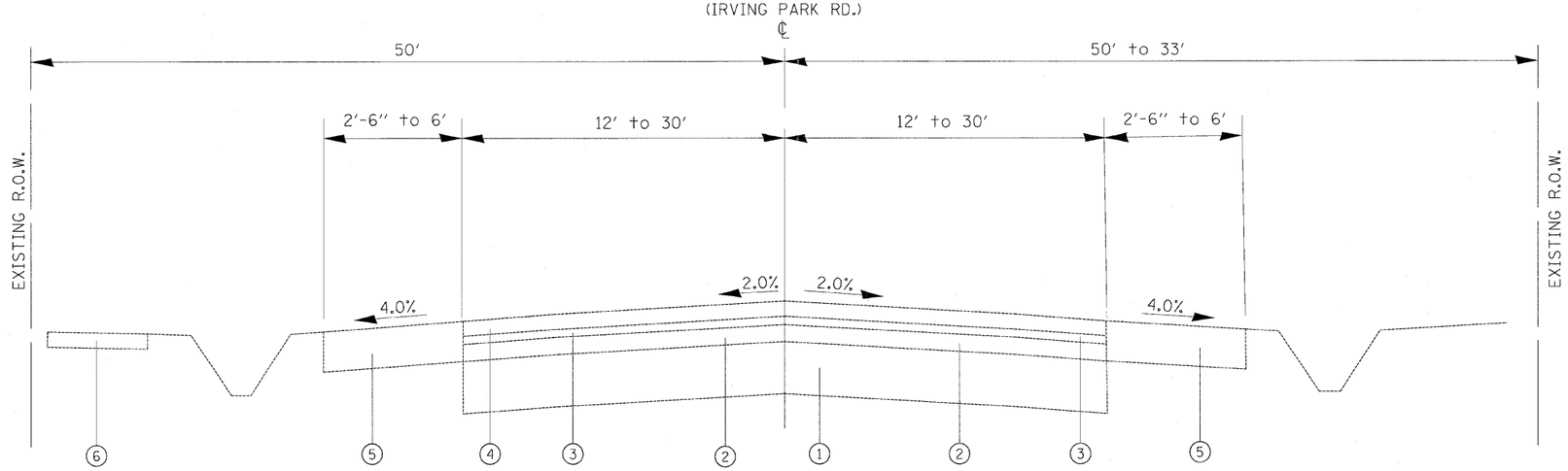
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	SUMMARY OF QUANTITES		URBAN 100% STATE	CONSTRUCTION TYPE CODES	
PAY CODE	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY I000	CULVERT X028-2A
X0325702	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
X0325737	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	26	26	
X0325775	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	7848	7848	
X0325840	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	90	90	
X0325842	WET REFLECTIVE TEMPORARY TAPE TYPE III, LETTERS AND SYMBOLS	SQ FT	288	288	
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	3	3	
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	2	2	
* XX005291	SANITARY SEWER LIFT STATION TO BE RECONSTRUCTED	L SUM	1	1	
XX005656	INLET FILTER CLEANING	EACH	8	8	
* XX006179	SANITARY MANHOLE REMOVAL AND REPLACEMENT	EACH	2	2	
* XX006500	SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT	FOOT	800	800	
XX006600	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	SQ YD	1154.8	1154.8	
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	1408.1	1408.1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0024478	FLEXIBLE DELINEATORS	EACH	320	320	
Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	10	10	
Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	2	2	

* 100% VILLAGE OF ITASCA

SUMMARY OF QUANTITIES

COLLINS ENGINEERS INC		QUANTITIES SHEET NO. 3 OF 3 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
DESIGNED: LDB	CHECKED: JMH		1321	31T-2	DuPAGE	59 / 5
DATE: 1/23/09	DRAWN: DR		SN: 022-2005		CONTRACT NO. 60A90	
			FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	

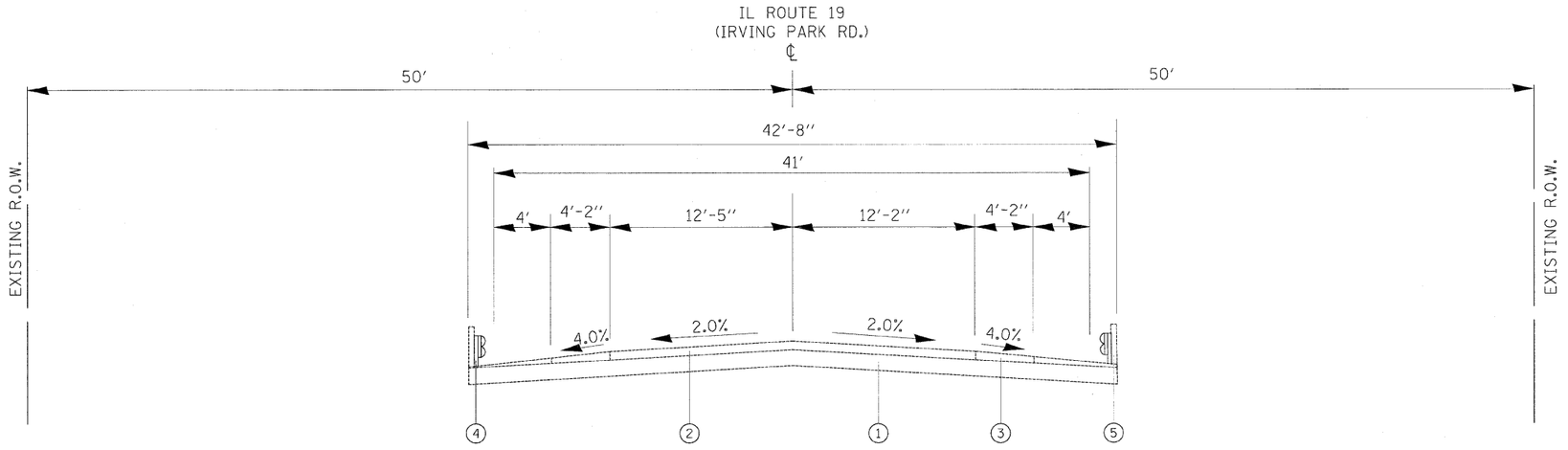


EXISTING TYPICAL SECTION
STA. 103+95.00 TO STA. 109+30.00
STA. 109+44.00 TO STA. 114+60.00

LEGEND

1. EXISTING P.C.C. PAVEMENT
2. EXISTING H.M.A. SURFACE
3. EXISTING H.M.A. BINDER COURSE, 1-1/2″
4. EXISTING H.M.A. SURFACE COURSE, 1-1/2″
5. EXISTING AGGREGATE SHOULDERS, TYPE A, 6″
6. EXISTING P.C.C. SIDEWALK FROM STA. 109+95.00 TO STA. 108+03.45

EXIST. CURVE E_IL19-1
PI STA. = 111+37.32
Δ = 4° 09′ 27″ (LT)
D = 0° 20′ 29″
R = 16,788.08′
T = 609.34′
L = 1,218.15′
E = 11.05′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 105+27.97
P.T. STA. = 117+46.13

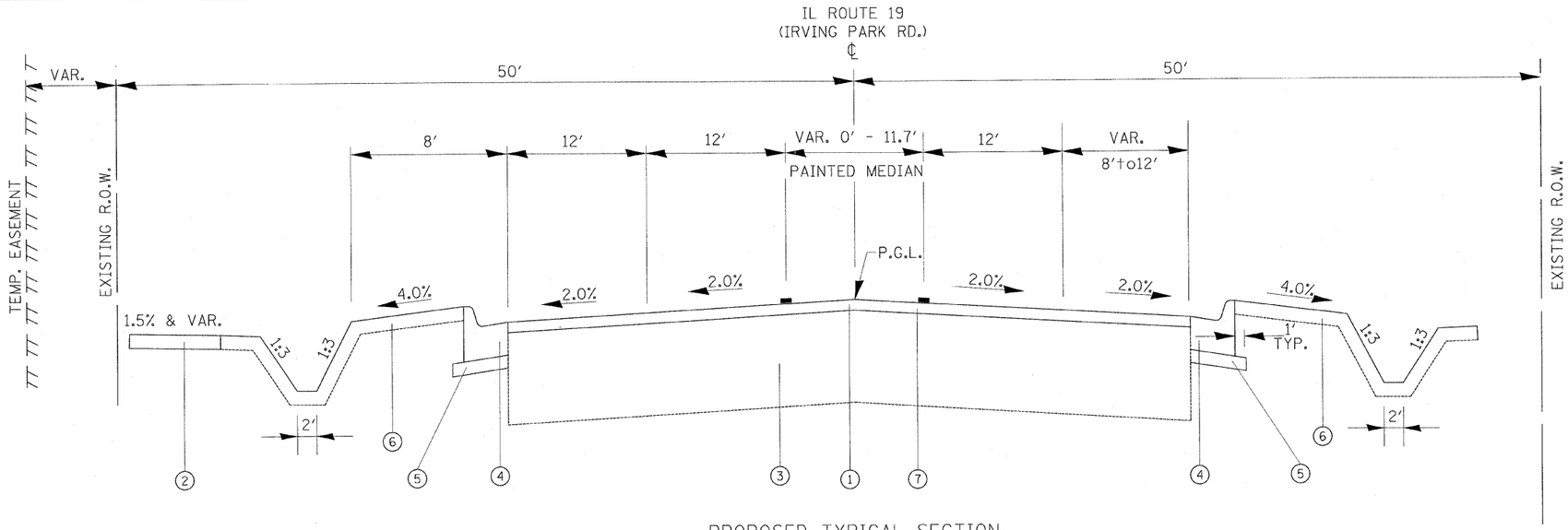


EXISTING TYPICAL SECTION
STA. 109+30.00 TO STA. 109+44.00

LEGEND

1. EXISTING R.C.C. DECK SLAB 15.5″
2. EXISTING H.M.A. OVERLAY 8″
3. EXISTING AGGREGATE SHOULDER, TYPE A, 6″
4. EXISTING STEEL GUARDRAIL
5. EXISTING PARAPET

FILE NAME = E:\0707\IrvingPark\Phase Two \sheet_Typical Sections.dgn	USER NAME = DMM	DESIGNED - DMM	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TYPICAL SECTION IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK**	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DMM	REVISED -			1321	31T-2	DUPAGE	59	6
	PLOT SCALE = NOT TO SCALE	CHECKED - FML	REVISED -					CONTRACT NO. 60A90		
	PLOT DATE = 05/08/2008	DATE - 09/2008	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

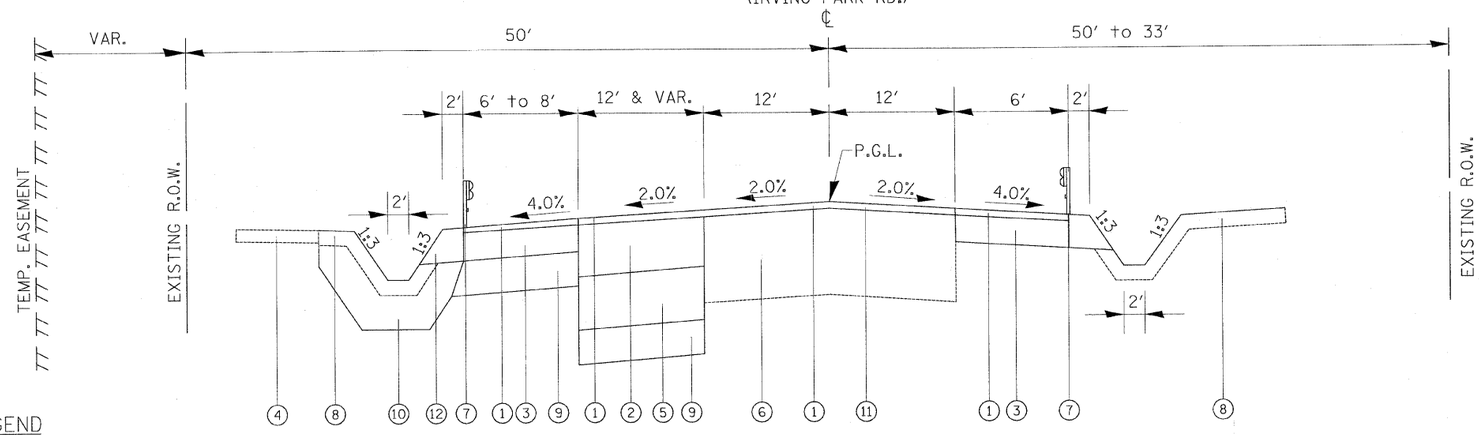


PROPOSED TYPICAL SECTION
STA. 103+95.00 TO STA. 105+75.66

LEGEND

1. PROPOSED H.M.A. SURFACE COURSE, MIX D, N 70, (IL 9.5), 2″
2. PROPOSED P.C.C. SIDEWALK, 5″
3. EXISTING P.C.C. PAVEMENT
4. PROPOSED TYPE B-6.24 CURB & GUTTER
5. PROPOSED SUB-BASE GRANULAR MATERIAL TYPE B, 4″
6. PROPOSED TOP SOIL FURNISH AND PLACE, 4″
7. PROPOSED HMA SURFACE REMOVAL (VARIABLE DEPTH) (3.2″ AVG. AT ℄)

NOTE: PROVIDE 6″ PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) UNDERNEATH ALL PROPOSED SIDEWALKS



PROPOSED TYPICAL SECTION
STA. 105+75.66 TO STA. 109+07.55
STA. 109+67.55 TO STA. 114+60.00

LEGEND

1. PROPOSED HMA SURFACE COURSE, MIX D, N 70, (IL 9.5), 2″
2. PROPOSED HMA BINDER COURSE, N 70, IL 19.0, 10.5″
3. PROPOSED HMA BINDER COURSE, N 70, IL 19.0, 6″
4. EXISTING P.C.C. SIDEWALK
5. PROPOSED AGGREGATE SUBGRADE 12″
6. EXISTING PAVEMENT
7. PROPOSED GUARDRAIL
8. PROPOSED TOP SOIL FURNISH AND PLACE, 4″
9. PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES)
10. PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) & GEOTECHNICAL FABRIC
11. PROPOSED HMA SURFACE REMOVAL (VARIABLE DEPTH) (3.3″ AVG. AT ℄)
12. PROPOSED AGGREGATE SHOULDERS, TYPE B 8″

STRUCTURAL PAVEMENT DESIGN INFORMATION
IL ROUTE 19 (IRVING PARK RD.)

STRUCTURAL DESIGN TRAFFIC:
ADT = 13,400 (2007)
ADT = 17,000 (2020)
45 MPH IS THE DESIGN SPEED

ROAD / STREET CLASSIFICATION:
MINOR ARTERIAL

PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
PV = 32%
SU = 45%
MU = 45%

TRAFFIC FACTOR:
ACTUAL TF = 2.57
AC TYPE = 20
MINIMUM TF = 4.27

PG GRADE:
BINDER = IL 19.0
SURFACE = IL 9.5

SUBGRADE SUPPORT RATING:
SSR = POOR (STA. 113+95.00 TO STA. 114+60.00)

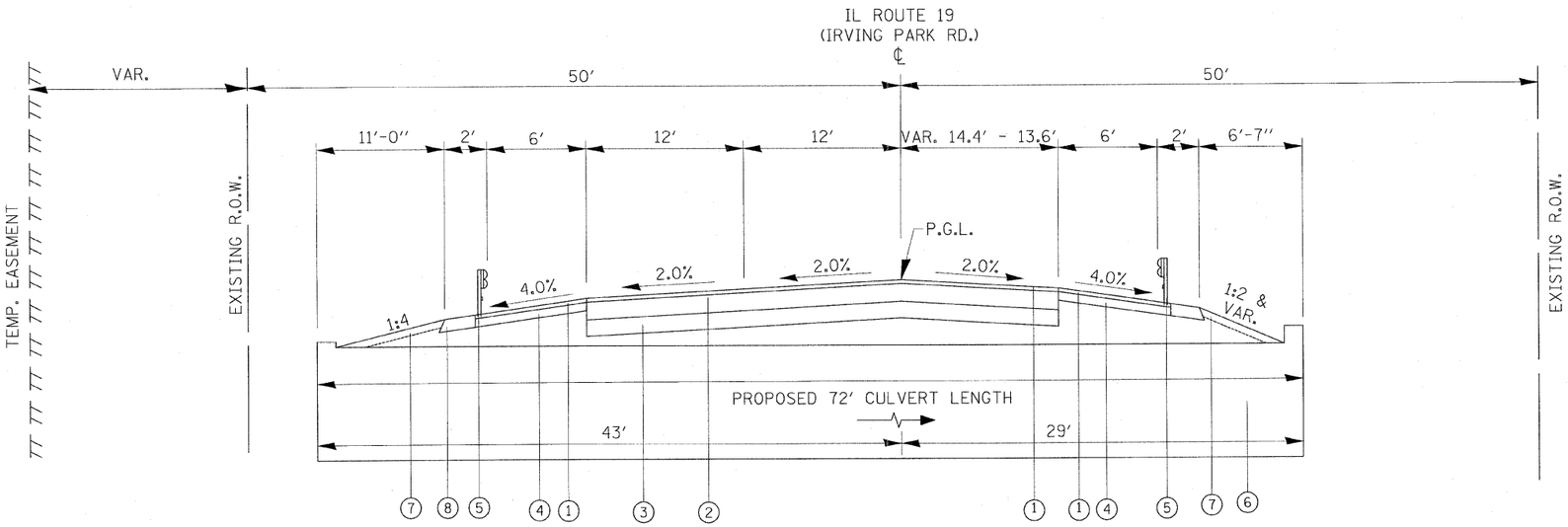
EXISTING SIDEWALK LIMITS:	STA. 103+95.00 LT. TO STA. 108+03.45 LT.
PROPOSED SIDEWALK LIMITS:	STA. 105+77.57 LT. TO STA. 108+55.17 LT.
PROPOSED GUARDRAIL LIMITS:	STA. 108+73.49 LT. TO STA. 110+77.77 LT.
	STA. 106+90.00 RT. TO STA. 111+02.50 RT.
8′ SHOULDER WIDTH LIMITS:	STA. 111+02.76 LT. TO STA. 113+96.89 LT.
6′ SHOULDER WIDTH LIMITS:	STA. 107+03.03 LT. TO STA. 110+75.72 LT.
	STA. 105+86.57 RT. TO STA. 114+45.08 RT.
TYPE B-6.24 CURB & GUTTER LIMITS:	STA. 103+95.00 LT. TO STA. 107+12.90 LT.
PIPE UNDERDRAINS 4″ LIMITS:	STA. 108+10.00 LT. TO STA. 109+10.00 LT.
	STA. 109+65.00 LT. TO STA. 110+65.00 LT.
PGES 12″ LIMITS:	STA. 106+00.00 LT. TO STA. 109+00.00 LT.
PGES 6″ LIMITS:	STA. 110+00.00 LT. TO STA. 112+49.00 LT.
PGES 12″ & GEOTECHNICAL FABRIC LIMITS:	STA. 108+80.00 LT TO STA. 109+19.00 LT.
	STA. 109+70.00 LT. TO STA. 110+50.00 LT.

FILE NAME = E:\0707\IrvingPark\Phase Two\Sheet_Typical Sections.dgn	USER NAME = DMM	DESIGNED - DMM	REVISED - 03/08/2009	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - DMM	REVISED -	
	PLOT SCALE = NOT TO SCALE	CHECKED - FML	REVISED -	
	PLOT DATE = 05/08/2008	DATE - 09/2008	REVISED -	

TYPICAL SECTION
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	7
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

1. PROPOSED H.M.A. SURFACE COURSE, MIX D, N 70, (IL 9.5), 2″
2. PROPOSED H.M.A. BINDER COURSE, N 70, IL 19.0, 10.5″
3. PROPOSED AGGREGATE SUBGRADE 12″
4. PROPOSED H.M.A. BINDER COURSE, N 70, IL 19.0, 6″
5. PROPOSED GUARDRAIL
6. PROPOSED CULVERT
7. PROPOSED TOP SOIL FURNISH AND PLACE, 4″
8. PROPOSED AGGREGATE SHOULDERS, TYPE B 8″

PROPOSED TYPICAL SECTION AT CULVERT
STA. 109+07.55 TO STA. 109+67.55

FILE NAME = E:\0707\IrvingPark\Phase Two\sheet_Typical Sections.dgn	USER NAME = DMM	DESIGNED - DMM	REVISED - 03/08/2009	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**TYPICAL SECTION IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK**	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DMM	REVISED -			1321	31T-2	DUPAGE	59	8
	PLOT SCALE = NOT TO SCALE	CHECKED - FML	REVISED -					CONTRACT NO. 60A90		
	PLOT DATE = 05/08/2008	DATE - 09/2008	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EARTHWORK

LOCATION		EARTH EXCAVATION	EMBANKMENT	EARTH EXCAVATION ADJ. FOR SHRINKAGE	CHANNEL EXCAVATION	CHANNEL EXCAVATION ADJ. FOR SHRINKAGE	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL WASTE (+)	FURNISHED EXCAVATION SHORTAGE (-)
STATION TO STATION		CU. YD.						
PRE-STAGE (DETOUR)								
109+07.55	109+67.55	84	389	71	142	121		-197
111+80.00	114+60.00	829	28	705			+677	
STAGE 1								
103+95.00	109+07.55	1,330	242	1131			+889	
109+67.55	111+80.00	553	443	471			+28	
	TOTAL	2,796	1,102	2,378	142	121	+1,594	-197

NOTE:
SHRINKAGE FACTOR = 15% FOR EARTH AND CHANNEL EXCAVATION.
CHANNEL EXCAVATION ASSUMED TO BE SUITABLE MATERIAL, AND IS INCLUDED IN EARTHWORK BALANCE.
EARTH EXCAVATION AND FURNISHED EXCAVATION TOTALS ARE ROUNDED TO THE NEAREST 5 CU. YDS.
CHANNEL EXCAVATION TOTAL IS ROUNDED TO THE NEAREST 1 CU. YD.
ADDITIONAL ESTIMATED QUANTITIES OF 2240 CU. YD. IS PROVIDED FOR FURNISHED EXCAVATION, EARTH EXCAVATION, AND REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, TO BE USED ONLY IF APPROVED BY THE ENGINEER.

TREE REMOVAL (6 TO 15 UNITS DIAMETER)

LOCATION		QUANTITY
STA.	OFFSET	(UNIT)
109+60.25	22.6' LT	8
109+62.64	30.0' RT	9
109+65.63	30.0' RT	9
109+69.54	23.9' LT	8
109+69.54	24.0' LT	8
109+77.24	26.6' RT	12
110+00.15	24.4' LT	8
110+01.59	24.7' LT	6
110+04.03	26.1' LT	6
110+12.85	25.8' LT	8
111+49.87	26.5' LT	9
111+71.03	42.6' LT	14
112+65.47	31.2' LT	14
112+71.32	30.5' LT	14
112+82.25	32.2' LT	13
113+27.11	32.3' LT	12
113+39.95	30.9' LT	10
113+40.12	33.1' LT	10
113+45.68	27.1' LT	14
113+49.32	30.9' LT	10
113+55.79	34.0' LT	9
113+58.81	31.6' LT	9
113+66.59	32.7' LT	9
113+68.59	33.9' LT	8
113+69.80	34.3' LT	12
114+48.83	35.8' LT	12
114+60.86	30.5' LT	12
TOTAL		273

TREE REMOVAL (OVER 15 UNITS DIAMETER)

LOCATION		QUANTITY
STA.	OFFSET	(UNIT)
109+26.56	29.0' RT	20
109+48.49	23.2' RT	20
109+50.85	23.5' RT	28
109+56.24	29.2' LT	30
111+84.68	28.5' LT	16
112+34.46	31.7' LT	24
112+59.29	33.7' LT	17
112+76.89	30.6' LT	16
112+84.75	29.1' LT	16
113+14.14	32.4' LT	17
113+30.23	32.3' LT	16
113+35.64	21.7' LT	20
113+81.79	29.4' LT	24
114+58.68	30.7' LT	26
TOTAL		290

AGGREGATE SHOULDERS, TYPE B 8"

LOCATION	QUANTITY
STATION	(SQ YD)
MAINLINE	
105+75.66 TO 114+60.00 RT	235.9
107+03.03 TO 113+97.02 LT	185.2
TOTAL	421.1

NITROGEN FERTILIZER NUTRIENT

LOCATION		QUANTITY	QUANTITY
STATION	OFFSET	(ACRE)	(POUNDS)
103+95.00 TO 109+24.06	RT	0.20	17.55
103+95.00 TO 105+80.41	LT	0.06	4.95
106+21.79 TO 108+56.08	LT	0.13	11.70
108+72.49 TO 109+24.04	LT	0.03	2.97
109+51.02 TO 114+60.00	RT	0.09	7.74
109+51.10 TO 110+79.56	LT	0.07	6.48
111+00.54 TO 111+24.62	LT	0.02	1.53
111+42.74 TO 111+96.38	LT	0.03	2.61
112+10.43 TO 112+41.62	LT	0.01	1.26
112+57.67 TO 114+08.11	LT	0.07	6.57
114+29.38 TO 114+60.00	LT	0.02	1.35
		TOTAL	75

POTASSIUM FERTILIZER NUTRIENT

LOCATION		QUANTITY	QUANTITY
STATION	OFFSET	(ACRE)	(POUNDS)
103+95.00 TO 109+24.06	RT	0.20	17.55
103+95.00 TO 105+80.41	LT	0.06	4.95
106+21.79 TO 108+56.08	LT	0.13	11.70
108+72.49 TO 109+24.04	LT	0.03	2.97
109+51.02 TO 114+60.00	RT	0.09	7.74
109+51.10 TO 110+79.56	LT	0.07	6.48
111+00.54 TO 111+24.62	LT	0.02	1.53
111+42.74 TO 111+96.38	LT	0.03	2.61
112+10.43 TO 112+41.62	LT	0.01	1.26
112+57.67 TO 114+08.11	LT	0.07	6.57
114+29.38 TO 114+60.00	LT	0.02	1.35
		TOTAL	75

PHOSPHOROUS FERTILIZER NUTRIENT

LOCATION		QUANTITY	QUANTITY
STATION	OFFSET	(ACRE)	(POUNDS)
103+95.00 TO 109+24.06	RT	0.20	17.55
103+95.00 TO 105+80.41	LT	0.06	4.95
106+21.79 TO 108+56.08	LT	0.13	11.70
108+72.49 TO 109+24.04	LT	0.03	2.97
109+51.02 TO 114+60.00	RT	0.09	7.74
109+51.10 TO 110+79.56	LT	0.07	6.48
111+00.54 TO 111+24.62	LT	0.02	1.53
111+42.74 TO 111+96.38	LT	0.03	2.61
112+10.43 TO 112+41.62	LT	0.01	1.26
112+57.67 TO 114+08.11	LT	0.07	6.57
114+29.38 TO 114+60.00	LT	0.02	1.35
		TOTAL	75

POROUS GRANULAR EMBANKMENT

LOCATION		QUANTITY
STATION TO STATION	OFFSET	(CU YD)
110+50.00 TO 111+14.10	LT	9.7
111+14.10 TO 111+51.60	LT	5.4
111+87.20 TO 112+24.40	LT	5.2
112+24.40 TO 112+65.30	LT	6.0
113+89.80 TO 114+50.00	LT	9.2
108+39.60 TO 109+10.30	LT	10.9
	TOTAL	46.4

POROUS GRANULAR EMBANKMENT, SUBGRADE

LOCATION		QUANTITY
STATION	OFFSET	(CU YD)
106+00 TO 109+00	LT (WIDENING AREAS)	244.4
110+00 TO 112+49	LT (WIDENING AREAS)	101.4
108+80 TO 109+19	LT (DITCH LINE)	21.7
109+70 TO 110+50	LT (DITCH LINE)	59.3
105+77 TO 108+56	LT (SIDEWALK)	32.3
	TOTAL	459.1

TRENCH BACKFILL

LOCATION		QUANTITY
STATION	OFFSET	(CU YD)
108+50.48 TO 108+74.83	LT	41.7
110+57.46 TO 111+03.11	LT	54.6
111+22.35 TO 111+43.47	LT	26.1
111+95.15 TO 112+11.44	LT	20.2
112+39.24 TO 112+58.81	LT	33.4
114+02.21 TO 114+37.72	LT	80.2
	TOTAL	256.2

FILE NAME = ...\D1@A92-sht-schedule_01.dgn
USER NAME = Plotted by Administrator
PLOT SCALE = 1.0000 ' / IN.
PLOT DATE = 3/18/2009
DESIGNED - DPS
DRAWN - DPS
CHECKED - FML
DATE - 11/2008
REVISED - 03/08/2009
REVISED - ---
REVISED - ---
REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK
SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	9
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

EXPLORATION TRENCH, 52" DEPTH

LOCATION	QUANTITY (FOOT)
JOBSITE	500
TOTAL	500

EXPLORATION TRENCH, 72" DEPTH

LOCATION	QUANTITY (FOOT)
JOBSITE	300
TOTAL	300

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

LOCATION		QUANTITY
STATION	OFFSET	(SQ YD)
108+80 TO 109+19	LT (DITCH LINE)	65.0
109+70 TO 110+50	LT (DITCH LINE)	177.8
	TOTAL	242.8

MULCH, METHOD 2

LOCATION		QUANTITY
STATION	OFFSET	(ACRE)
S.N. 090-0038		
103+95.00 TO 107+00.00	RT	0.05
103+95.00 TO 105+80.41	LT	0.07
106+21.79 TO 108+56.97	LT	0.13
110+90.85 TO 114+60.00	RT	0.03
	TOTAL	0.50

TOPSOIL FURNISH AND PLACE, 4"

LOCATION		QUANTITY
STATION	OFFSET	(SQ YD)
103+95.00 TO 109+24.06	RT	904.0
103+95.00 TO 105+80.41	LT	248.4
106+21.79 TO 108+56.97	LT	528.6
108+73.67 TO 109+24.04	LT	173.9
109+51.02 TO 114+60.00	RT	348.6
109+51.10 TO 110+79.56	LT	346.0
111+00.54 TO 111+24.62	LT	82.9
111+42.74 TO 111+96.38	LT	139.0
112+10.43 TO 112+41.62	LT	66.2
112+57.67 TO 114+08.11	LT	347.2
114+29.38 TO 114+60.00	LT	71.4
	TOTAL	3256.3

SEEDING, CLASS 2A

LOCATION		QUANTITY
STATION	OFFSET	(ACRE)
103+95.00 TO 109+24.06	RT	0.20
103+95.00 TO 105+80.41	LT	0.06
106+21.79 TO 108+56.97	LT	0.11
108+73.67 TO 109+24.04	LT	0.04
109+51.02 TO 114+60.00	RT	0.09
109+51.10 TO 110+79.56	LT	0.07
111+00.54 TO 111+24.62	LT	0.02
111+42.74 TO 111+96.38	LT	0.03
112+10.43 TO 112+41.62	LT	0.01
112+57.67 TO 114+08.11	LT	0.07
114+29.38 TO 114+60.00	LT	0.02
	TOTAL	0.75

EROSION CONTROL BLANKET

LOCATION		QUANTITY
STATION	OFFSET	(SQ YD)
107+00.00 TO 109+24.06	RT	504.7
108+73.67 TO 109+24.04	LT	207.3
109+51.02 TO 110+90.85	RT	272.7
109+51.10 TO 110+79.56	LT	416.4
111+00.54 TO 111+24.62	LT	100.2
111+42.74 TO 111+96.38	LT	168.3
112+10.43 TO 112+41.62	LT	82.0
112+57.67 TO 114+08.11	LT	423.0
114+29.38 TO 114+60.00	LT	85.8
	TOTAL	2260

AGGREGATE DITCH CHECKS

LOCATION		QUANTITY
STA.	OFFSET	(EACH)
107+62.17	LT	1
108+17.38	LT	1
108+98.41	LT	1
109+01.41	LT	1
109+04.42	LT	1
109+07.43	LT	1
110+12.33	LT	1
110+22.80	LT	1
110+32.08	LT	1
110+41.20	LT	1
111+70.50	LT	1
113+02.68	LT	1
113+51.65	LT	1
113+60.91	LT	1
113+71.36	LT	1
113+81.12	LT	1
	TOTAL	16

TEMPORARY EROSION CONTROL SEEDING

LOCATION	QUANTITY (POUND)
JOBSITE	600
TOTAL	600

PERIMETER EROSION BARRIER

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
S.N. 090-0038		
103+95.00 TO 109+18.80	RT	562.5
103+95.00 TO 105+83.89	LT	211.1
106+22.06 TO 108+56.97	LT	258.7
108+73.67 TO 109+14.01	LT	59.8
109+56.47 TO 114+60.00	RT	525.7
109+61.13 TO 110.79.59	LT	128.6
111+00.57 TO 111+24.68	LT	58.0
111+42.73 TO 111+96.39	LT	67.3
112+10.43 TO 112+41.62	LT	36.2
112+57.67 TO 114+08.06	LT	158.2
114+29.32 TO 114+60.00	LT	57.6
	TOTAL	2123.7

TEMPORARY DITCH CHECKS

LOCATION		QUANTITY
STA.	OFFSET	(EACH)
106+48.04	RT	1
106+73.27	LT	1
107+23.57	LT	1
107+46.98	RT	1
107+78.48	LT	1
108+34.45	RT	1
108+89.87	RT	1
109+76.78	RT	1
110+58.24	RT	1
111+61.08	RT	1
112+65.19	RT	1
113+29.50	RT	1
114+05.60	RT	1
	TOTAL	13

INLET AND PIPE PROTECTION

LOCATION		QUANTITY
STA.	OFFSET	(EACH)
108+10.03	53.4' LT	1
108+39.78	40.7' LT	1
111+14.10	34.6' LT	1
112+24.42	42.0' LT	1
112+65.45	40.6' LT	1
114+50.00	22.4' LT	1
	TOTAL	5

MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS

LOCATION	QUANTITY (TON)
STATION	
MAINLINE	
103+95.00 TO 114+60.00	3.9
TOTAL	3.9

STRIP REFLECTIVE CRACK CONTROL TREATMENT

LOCATION	QUANTITY (FOOT)
STATION	
MAINLINE	
103+95 TO 114+60 (RT)	1065
103+95 TO 114+60 (LT)	2130
TOTAL	3195

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	QUANTITY (SQ YD)
STATION	
MAINLINE	
103+95 TO 104+25	215.9
114+30 TO 114+60	95.1
TOTAL	311.0

HOT-MIX ASPHALT DRIVEWAY PAVEMENT

LOCATION	QUANTITY (SQ YD)
STATION	
SIDEROADS & ENTRANCES	
VALLEY LANE	196.1
MANOR LANE	171.1
106+00.00 LT	291.7
108+62.50 LT	187.2
111+34.17 LT	99.7
112+00.00 LT	98.5
112+49.09 LT	110.4
TOTAL	1154.8

HOT-MIX ASPHALT SHOULDERS, 8"

LOCATION	QUANTITY (SQ YD)
STATION	
MAINLINE	
105+75.66 TO 114+60.00 RT	778.9
107+03.03 TO 113+97.02 LT	635.7
TOTAL	1414.6

HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12½"

LOCATION	QUANTITY (SQ YD)
STATION	
MAINLINE	
105+75.66 TO 114+60.00	971
TOTAL	971

FILE NAME = ...\D160A90-sht-schedule_RI.dgn	USER NAME = Plotted by Administrator	DESIGNED - DPS	REVISED - 03/08/2009	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - DPS	REVISED - ---	
	PLOT SCALE = 1.0000 ' / IN.	CHECKED - FML	REVISED - ---	
	PLOT DATE = 3/18/2009	DATE - 11/2008	REVISED - ---	

SCHEDULE OF QUANTITIES
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	10
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

SUB-BASE GRANULAR MATERIAL TYPE B, - 4"

LOCATION		QUANTITY
STATION	OFFSET	(SQ YD)
103+95.00 TO 105+96.39	RT	89
103+95.00 TO 107+12.93	LT	142
	TOTAL	231

CONSTRUCTING TEST STRIP

LOCATION	QUANTITY
	(EACH)
JOBSITE	2
TOTAL	2

INCIDENTAL HOT-MIX ASPHALT SURFACING

LOCATION	QUANTITY
STATION	(TON)
TEMPORARY RAMP	30.0
TOTAL	30.0

PROTECTIVE COAT

LOCATION	QUANTITY	
STATION	(SQ FT)	(SQ YD)
SIDEWALK		
105+77.57 TO 105+83.89 LT	44	4.9
106+24.73 TO 108+03.45 LT	897	99.6
SUBTOTAL =	x2 COATS	104.5
STATION	QUANTITY	
CURB & GUTTER	(FOOT)	(SQ YD)
103+95.00 TO 105+96.39 RT	203	78.8
103+95.00 TO 107+12.93 LT	370	144.0
SUBTOTAL =	x2 COATS	222.8
	TOTAL	654.6

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70

LOCATION	QUANTITY
STATION	(TON)
MAINLINE	
104+25.00 TO 114+30.00	533
TOTAL	533

BITUMINOUS MATERIAL (PRIME COAT)

LOCATION	QUANTITY	
STATION	(SQ YD)	(TON)
HMA SURFACE COURSE	5720.0	2.2
HMA BINDER COURSE	4752.0	1.8
HMA SHOULDERS (X2)	1178.6	0.4
INCID. HMA SURFACING	840.0	0.4
ENTRANCES & SIDEROADS	1023.0	0.8
	TOTAL	5.6

AGGREGATE (PRIME COAT)

LOCATION	QUANTITY
STATION	(TON)
103+95.00 TO 114+60.00	8.1
106+00.00 LT	0.2
108+62.50 LT	0.2
111+34.17 LT	0.2
112+00.00 LT	0.2
112+49.09 LT	0.2
TOTAL	9.1

PORTLAND CEMENT CONRETE SIDEWALK, 5 INCH

LOCATION	QUANTITY
STATION	(SQ FT)
105+77.57 TO 105+83.89 LT	44
106+24.73 TO 108+55.17 LT	1205
TOTAL	1249

DETECTABLE WARNINGS

LOCATION	QUANTITY
STATION	(SQ FT)
105+77.57 TO 105+83.89 LT	44
106+24.73 TO 106+34.73 LT	44
108+45.17 TO 108+55.17 LT	44
TOTAL	132

DRIVEWAY PAVEMENT REMOVAL

LOCATION		QUANTITY
STA.	OFFSET	(SQ YD)
106+00.00	LT	135.4
108+62.75	LT	78.5
110+70.27	LT	30.9
111+34.07	LT	85.0
112+00.00	LT	75.0
112+49.09	LT	85.5
TOTAL		490.3

BITUMINOUS CONCRETE SHOULDER REMOVAL

LOCATION		QUANTITY
STATION	OFFSET	(SQ YD)
105+78.52 TO 109+30.57	RT	200.7
106+91.45 TO 109+30.64	LT	130.6
109+44.78 TO 114+60.00	RT	315.5
109+44.95 TO 110+70.35	LT	89.3
111+09.61 TO 111+24.97	LT	10.7
111+44.26 TO 111+94.10	LT	44.3
112+11.01 TO 112+38.30	LT	22.7
112+59.04 TO 114+00.93	LT	138.4
114+28.71 TO 114+60.00	LT	17.4
TOTAL		969.6

PAVEMENT REMOVAL

LOCATION	QUANTITY
STATION	(SQ YD)
105+75.66 TO 109+07.55 (LT)	478.0
109+67.55 TO 111+73.13 (LT)	13.8
103+95.00 TO 109+07.55 (RT)	94.0
VALLEY LANE	162.6
MANOR LANE	125.9
TOTAL	874.3

COMBINATION CURB AND GUTTER REMOVAL

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
103+95.00 TO 106+38.01	LT	244
103+95.00 TO 105+66.81	RT	172
TOTAL		416

FILE NAME = ...\D160A90-sht-schedule_RI.dgn	USER NAME = Plotted by Administrator	DESIGNED - DPS	REVISED - 03/08/2009	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - DPS	REVISED - ___	
	PLOT SCALE = 1.0000 ' / IN.	CHECKED - FML	REVISED - ___	
	PLOT DATE = 3/18/2009	DATE - 11/2008	REVISED - ___	

SCHEDULE OF QUANTITIES
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	11
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

GUTTER OUTLET REMOVAL

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
106+38.01 TO 106+48.91	LT	11.2
105+66.81 TO 105+87.24	RT	20.7
	TOTAL	31.9

CONCRETE HEADWALL REMOVAL

LOCATION		QUANTITY
STA.	OFFSET	(CU YD)
109+15.17	38.7' LT	16
	TOTAL	16

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

LOCATION	QUANTITY
STATION	(SQ YD)
103+95.00 TO 109+07.55	2265.0
109+67.55 TO 114+60.00	1338.3
TOTAL	3603.3

SIDEWALK REMOVAL

LOCATION		QUANTITY
STATION	OFFSET	(SQ FT)
105+77.57 TO 105+83.89	LT	44
106+22.59 TO 108+03.52	LT	880
	TOTAL	924

PAVEMENT REMOVAL, SPECIAL

LOCATION	QUANTITY
STATION	(SQ YD)
109+07.55 TO 109+67.55	187
TOTAL	187

TRAFFIC CONTROL AND PROTECTION, STANDARD 701201

LOCATION	QUANTITY
STATION	(L SUM)
111+80.00 TO 114+60.00	1
TOTAL	1

PIPE CULVERT REMOVAL

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
107+41.36 TO 108+15.59	LT	74
108+48.31 TO 108+77.98	LT	30
110+70.75 TO 111+52.67	LT	82
111+93.29 TO 112+13.57	LT	20
112+38.66 TO 112+58.75	LT	20
113+90.92 TO 114+47.78	LT	57
	TOTAL	283

PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 18"

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
110+50.00	43.6' LT	1
111+51.60	41.0' LT	1
111+87.20	41.0' LT	1
113+89.80	32.3' LT	1
	TOTAL	4

PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 24"

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
109+10.30	48.3' LT	1
	TOTAL	1

CONCRETE HEADWALL FOR PIPE DRAINS

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
109+10.00	LT	1
109+65.00	LT	1
	TOTAL	2

PIPE UNDERDRAINS, 4"

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
108+10.00 TO 109+10.00	LT	100
109+65.00 TO 110+65.00	LT	100
	TOTAL	200

PIPE UNDERDRAINS, 4" (SPECIAL)

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
109+10.00	LT	24
110+65.00	LT	24
	TOTAL	48

PIPE UNDERDRAINS, FABRIC LINED TRENCH, 4"

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
108+10.00 TO 109+10.00	LT	124
109+65.00 TO 110+65.00	LT	124
	TOTAL	248

STORM SEWER REMOVAL, 24"

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
108+37.27 TO 109+15.82	LT	78
	TOTAL	78

CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
108+39.8	38.2' LT	1
111+14.1	34.6' LT	1
112+24.4	41.0' LT	1
112+65.3	40.6' LT	1
114+50.0	22.4' LT	1
	TOTAL	5

CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
104+94.1	26.6' LT	1
104+96.2	26.3' RT	1
	TOTAL	2

FILE NAME = ...\D160A90-sht-schedule_RI.dgn

USER NAME = Plotted by Administrator

PLOT SCALE = 1.0000 ' / IN.

PLOT DATE = 3/18/2009

DESIGNED - DPS | REVISED - ___

DRAWN - DPS | REVISED - ___

CHECKED - FML | REVISED - ___

DATE - 11/2008 | REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	12
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

GUTTER OUTLET

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
105+79.46	23.1' RT	1
106+96.25	24.0' LT	1
	TOTAL	2

REMOVING MANHOLES

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
104+93.56	27.8' LT	1
104+95.86	27.9' RT	1
107+38.76	34.2' LT	1
	TOTAL	3

INLETS TO BE ADJUSTED

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
103+95	30.3' LT	1
	TOTAL	1

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
103+95.00 TO 105+79.46	RT	185
103+95.00 TO 106+96.25	LT	302
	TOTAL	487

SIGN PANEL - TYPE 1

LOCATION		QUANTITY
STATION	OFFSET	(SQ FT)
110+71 (STOP SIGN R1-1)	36' LT	6.3
113+96 (STOP SIGN R1-1)	28' LT	6.3
	TOTAL	12.6

TELESCOPING STEEL SIGN SUPPORT

LOCATION		QUANTITY
STATION	OFFSET	(FT)
110+71 (STOP SIGN R1-1)	36' LT	15
113+96 (STOP SIGN R1-1)	28' LT	15
	TOTAL	30

CONCRETE FOUNDATIONS

LOCATION		QUANTITY
STATION	OFFSET	(CU YD)
110+71 (STOP SIGN R1-1)	36' LT	0.18
113+96 (STOP SIGN R1-1)	28' LT	0.18
	TOTAL	0.36

TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
106+90.00 TO 107+40.00	RT	1
110+52.50 TO 111+02.50	RT	1
	TOTAL	2

STEEL PLATE BEAM GUARD RAIL ATTACHED TO STRUCTURES

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
109+13.75 TO 109+51.25	LT	37.5
109+15.00 TO 109+52.50	RT	37.5
	TOTAL	75.0

STEEL PLATE BEAM GUARD RAIL, TYPE A

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
107+40.00 TO 109+15.00	RT	175.0
108+88.75 TO 109+13.75	LT	25.0
109+52.50 TO 110+52.50	RT	100.0
109+51.25 TO 110+63.75	LT	112.5
	TOTAL	412.5

GUARDRAIL REMOVAL

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
108+05.66 TO 109+94.93	RT	189.8
108+79.48 TO 110+70.36	LT	190.8
	TOTAL	380.6

STEEL PLATE BEAM GUARD RAIL (SHORT RADIUS)

LOCATION		QUANTITY
STATION	OFFSET	(FOOT)
108+73.49 TO 108+88.75	LT	25.5
110+63.75 TO 110+77.77	LT	15.7
	TOTAL	41.2

PERMANENT SURVEY MARKERS, TYPE I

LOCATION	QUANTITY
	(EACH)
JOBSITE	3
TOTAL	3

PERMANENT SURVEY MARKERS, TYPE II

LOCATION	QUANTITY
	(EACH)
JOBSITE	1
TOTAL	1

DELINEATORS

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
109+10.00	RT	1
109+10.00	LT	1
109+66.00	RT	1
109+66.00	LT	1
	TOTAL	4

ENGINEER'S FIELD OFFICE, TYPE A

LOCATION	QUANTITY
	(CAL MO)
JOBSITE	12
TOTAL	12

MOBILIZATION

LOCATION	QUANTITY
	(L SUM)
JOBSITE	1
TOTAL	1

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
109+54.41	32.24' RT	1
	TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701606

LOCATION	QUANTITY
	(L SUM)
JOBSITE	1
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701306

LOCATION	QUANTITY
	(L SUM)
STAGE 3	1
TOTAL	1

TRAFFIC CONTROL SURVEILLANCE

LOCATION	QUANTITY
	(CAL DAY)
JOBSITE	60
TOTAL	60

TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR

LOCATION	QUANTITY
	(EACH)
PRE-STAGE	1
TOTAL	1

CHANGEABLE MESSAGE SIGN

LOCATION	QUANTITY
	(CAL MO)
JOBSITE	16
TOTAL	16

SHORT-TERM PAVEMENT MARKING

LOCATION	QUANTITY
	(FOOT)
JOBSITE	4500
TOTAL	4500

WET REFLECTIVE TEMPORARY TAPE, TYPE III 4"

LOCATION	QUANTITY
STATION	(FOOT)
WHITE	
STAGE 1	
101+00.00 TO 116+25.00	2664
STAGE 2	
101+60.9 TO 115+23.00	2735
SUBTOTAL =	5399
YELLOW	
DOUBLE YELLOW	
STAGE 1	
101+00.00 TO 116+25.00	1240
STAGE 2	
106+54.43 TO 114+60.00	1209
	2449
TOTAL	7848

WET REFLECTIVE TEMPORARY TAPE, TYPE III 12"

LOCATION	QUANTITY
STATION	(FOOT)
YELLOW	
MEDIAN	
STAGE 1	
104+00.00 TO 105+64.00	90
TOTAL	90

WET REFLECTIVE TEMPORARY TAPE, TYPE III, LETTERS AND SYMBOLS

LOCATION	QUANTITY
	(SQ FT)
JOBSITE	288
TOTAL	288

WORK ZONE PAVEMENT MARKING REMOVAL

LOCATION	QUANTITY
STATION	(SQ FT)
STAGE 1	1392
STAGE 2	1315
SHORT TERM PM	1500
TOTAL	4207

FILE NAME = ...\D1604901-shtschedule_RI.dgn	USER NAME = Plotted by Administrator	DESIGNED - DPS	REVISED - 03/08/2009	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SCHEDULE OF QUANTITIES**
		DRAWN - DPS	REVISED - ___		**IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK**
	PLOT SCALE = 1.0000 ' / IN.	CHECKED - FML	REVISED - ___		SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____
	PLOT DATE = 3/18/2009	DATE - 11/2008	REVISED - ___		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	13
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

THERMOPLASTIC PAVEMENT MARKING LINE, 4"

LOCATION	QUANTITY
STATION	(FOOT)
WHITE (SOLID)	
101+00.00 TO 110+79.59 LT	980
111+00.57 TO 114+08.06 LT	361
114+29.32 TO 116+25.00 LT	196
101+00.00 TO 116+25.00 RT	1525
WHITE (10' DASH 30' SKIP)	
101+00.00 TO 110+69.00 LT	243
111+15.20 TO 112+49.90 LT	34
101+00.00 TO 105+55.47 RT	114
YELLOW	
DOUBLE YELLOW	
101+00.00 TO 116+25.00	3050
MEDIAN	
101+00.00 TO 105+57.58	1832
TOTAL	8340

THERMOPLASTIC PAVEMENT MARKING LINE, 12"

LOCATION	QUANTITY
STATION	(FOOT)
YELLOW	
MEDIAN STRIPING	
101+00.00 TO 105+57.57	198
TOTAL	198

THERMOPLASTIC PAVEMENT MARKING LINE, 24"

LOCATION	QUANTITY
STATION	(FOOT)
VALLEY LANE	18
MANOR LANE	30
TOTAL	48

TEMPORARY CONCRETE BARRIER

LOCATION	QUANTITY
STATION	(FOOT)
STAGE 1	1863
TOTAL	1863

RELOCATE TEMPORARY CONCRETE BARRIER

LOCATION	QUANTITY
STATION	(FOOT)
STAGE 2	900
TOTAL	900

RAISED REFLECTIVE PAVEMENT MARKER

LOCATION		QUANTITY
STATION TO STATION	OFFSET	(EACH)
101+00.00 TO 116+25.00	℄	42
103+95.00 TO 112+50.12	LT	10
103+95.00 TO 105+30.00	RT	2
	TOTAL	54

TERMINAL MARKER - DIRECT APPLIED

LOCATION		QUANTITY
STATION	OFFSET	(EACH)
106+90.00	RT	1
111+02.50	RT	1
	TOTAL	2

STORM SEWER, 18"
(WATER MAIN REQUIREMENTS)

LOCATION		QUANTITY
STATION TO STATION	OFFSET	(FOOT)
110+50.00 TO 111+14.10	LT	57.6
111+14.10 TO 111+51.60	LT	31.8
111+87.20 TO 112+24.40	LT	30.7
112+24.40 TO 112+65.30	LT	35.9
113+89.80 TO 114+50.00	LT	54.5
	TOTAL	210.5

GUARDRAIL MARKERS, TYPE A

LOCATION	QUANTITY
STATION TO STATION	(EACH)
107+40.00 TO 109+15.00	7
108+88.75 TO 109+13.75	1
109+15.00 TO 109+52.50	2
109+51.25 TO 110+63.75	5
TOTAL	15

PAVEMENT MARKING REMOVAL

LOCATION	QUANTITY
STATION TO STATION	(SQ FT)
101+00.00 TO 116+25.00	3028
TOTAL	3028

STORM SEWER, 24"
(WATER MAIN REQUIREMENTS)

LOCATION		QUANTITY
STATION TO STATION	OFFSET	(FOOT)
108+39.60 TO 109+10.30	LT	64.9
	TOTAL	64.9

BARRIER WALL MARKERS, TYPE C

LOCATION	QUANTITY
STATION	(EACH)
STAGE 1	598
STAGE 2	288
TOTAL	886

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION	QUANTITY
STATION TO STATION	(EACH)
101+00.00 TO 116+25.00	98
TOTAL	98

TEMPORARY INFORMATION SIGNING

LOCATION	QUANTITY
STATION TO STATION	(SQ FT)
PRE-STAGE	78
STAGE 1	168
STAGE 2	168
TOTAL	414

CONSTRUCTION LAYOUT

LOCATION	QUANTITY
	(L SUM)
JOBSITE	1
TOTAL	1

FLEXIBLE DELINEATORS

LOCATION	QUANTITY
	(EACH)
JOBSITE	320
TOTAL	320

AGGREGATE SUBGRADE, 12"

LOCATION	QUANTITY
STATION TO STATION	(SQ YD)
105+75.66 TO 109+07.55	532.8
109+07.55 TO 109+67.55	307.2
109+67.55 TO 113+94.00	568.1
TOTAL	1408.1

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

LOCATION	QUANTITY
STATION	(EACH)
STAGE 1	10
TOTAL	10

FILE NAME = ...\D1602A90-sht-schedule_RI.dgn

USER NAME = Plotted by Administrator

PLOT SCALE = 1.2020 ' / IN.

PLOT DATE = 3/18/2009

DESIGNED - DPS | REVISED - ___

DRAWN - DPS | REVISED - ___

CHECKED - FML | REVISED - ___

DATE - 11/2008 | REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	14
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

LOCATION	QUANTITY
STATION	(EACH)
STAGE 2	2
TOTAL	2

TEMPORARY ACCESS (PRIVATE ENTRANCE)

LOCATION	QUANTITY
STATION	(EACH)
111+34.17 LT	1
112+00.00 LT	1
112+49.09 LT	1
TOTAL	3

TEMPORARY ACCESS (COMMERCIAL ENTRANCE)

LOCATION	QUANTITY
STATION	(EACH)
106+00.00 LT	1
108+62.50 LT	1
TOTAL	2

HOT-MIX ASPHALT REPLACEMENT OVER PATCHES

LOCATION	QUANTITY
STATION TO STATION	(TON)
JOBSITE	150
TOTAL	150

HOT-MIX ASPHALT REMOVAL OVER PATCHES, 6"

LOCATION	QUANTITY
STATION TO STATION	(SQ YD)
JOBSITE	268
TOTAL	268

CLASS D PATCHES, TYPE II, 10 INCH

LOCATION	QUANTITY
STATION TO STATION	(SQ YD)
JOBSITE	268
TOTAL	268

TEMPORARY TRAFFIC SIGNAL TIMING

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	26

WATER MAIN 8"

LOCATION	QUANTITY
JOBSITE	(FOOT)
TOTAL	500

ADJUSTING WATER MAIN 8"

LOCATION	QUANTITY
JOBSITE	(FOOT)
TOTAL	1200

WATER VALVES TO BE MOVED

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	8

FIRE HYDRANTS TO BE MOVED

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	4

DOMESTIC METER VAULTS TO BE MOVED

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	8

DOMESTIC WATER SERVICE BOXES TO BE MOVED

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	8

ADJUSTING SANITARY SEWERS, 8-INCH DIAMETER OR LESS

LOCATION	QUANTITY
JOBSITE	(FOOT)
TOTAL	1700

ADJUSTING SANITARY SEWERS, OVER 8-INCH DIAMETER

LOCATION	QUANTITY
JOBSITE	(FOOT)
TOTAL	500

SANITARY SEWER REMOVAL AND REPLACEMENT 8"

LOCATION	QUANTITY
JOBSITE	(FOOT)
TOTAL	1200

SANITARY MANHOLES TO BE ADJUSTED

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	1

SANITARY SEWER LIFT STATION TO BE RECONSTRUCTED

LOCATION	QUANTITY
JOBSITE	(L SUM)
TOTAL	1

SANITARY MANHOLE REMOVAL AND REPLACEMENT

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	2

SANITARY SEWER SERVICE REMOVAL AND REPLACEMENT

LOCATION	QUANTITY
JOBSITE	(FOOT)
TOTAL	800

GRADING AND SHAPING FORESLOPES

LOCATION	QUANTITY
STATION	(SQ YD)
103+95 TO 114+60	2130
TOTAL	2130

TEMPORARY INFORMATION SIGNING FOR LANE CLOSURE

LOCATION	QUANTITY
STATION	(SQ FT)
JOBSITE	280
TOTAL	280

NIGHTTIME WORK ZONE LIGHTING

LOCATION	QUANTITY
JOBSITE	(L SUM)
TOTAL	1

TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	12

WEED CONTROL, TEASEL

LOCATION	QUANTITY
JOBSITE	(POUND)
TOTAL	0.16

INLET FILTERS

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	8

INLET FILTER CLEANING

LOCATION	QUANTITY
JOBSITE	(EACH)
TOTAL	8

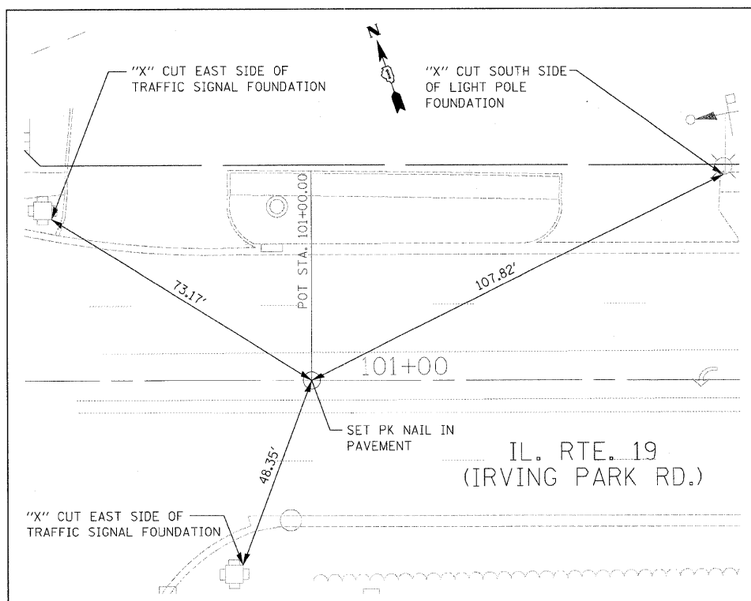
FILE NAME = ...\D160A90 sht schedule_R1.dgn	USER NAME = Plotted by Administrator	DESIGNED - DPS	REVISED - 03/08/2009
		DRAWN - DPS	REVISED - ___
	PLOT SCALE = 1.2000 ' / IN.	CHECKED - FML	REVISED - ___
	PLOT DATE = 3/18/2009	DATE - 11/2008	REVISED - ___

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: _____ | SHEET NO. __ OF ___ SHEETS | STA. _____ TO STA. _____

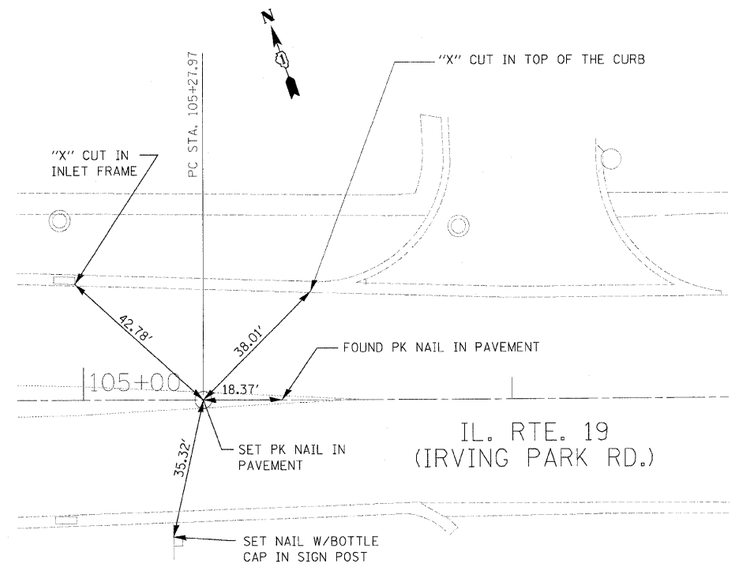
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	15
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



NOT TO SCALE

POT STA. 101+00.00

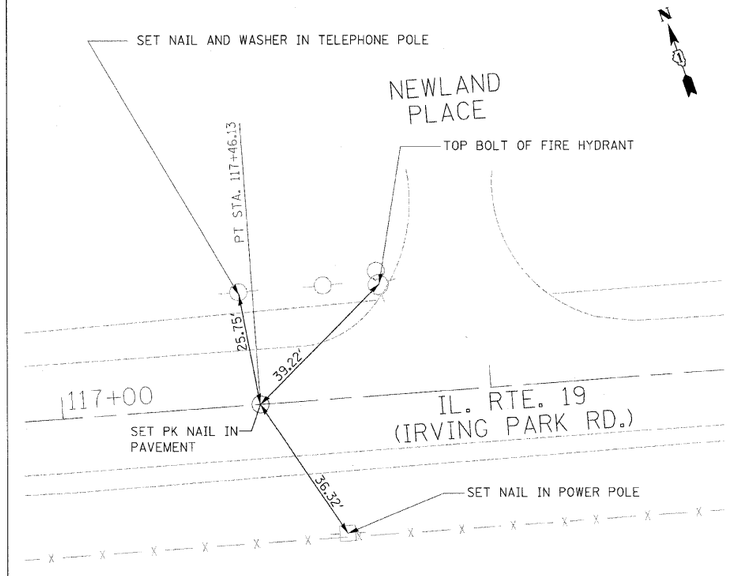
N = 1934316.32
E = 1060986.75



NOT TO SCALE

PC STA. 105+27.97

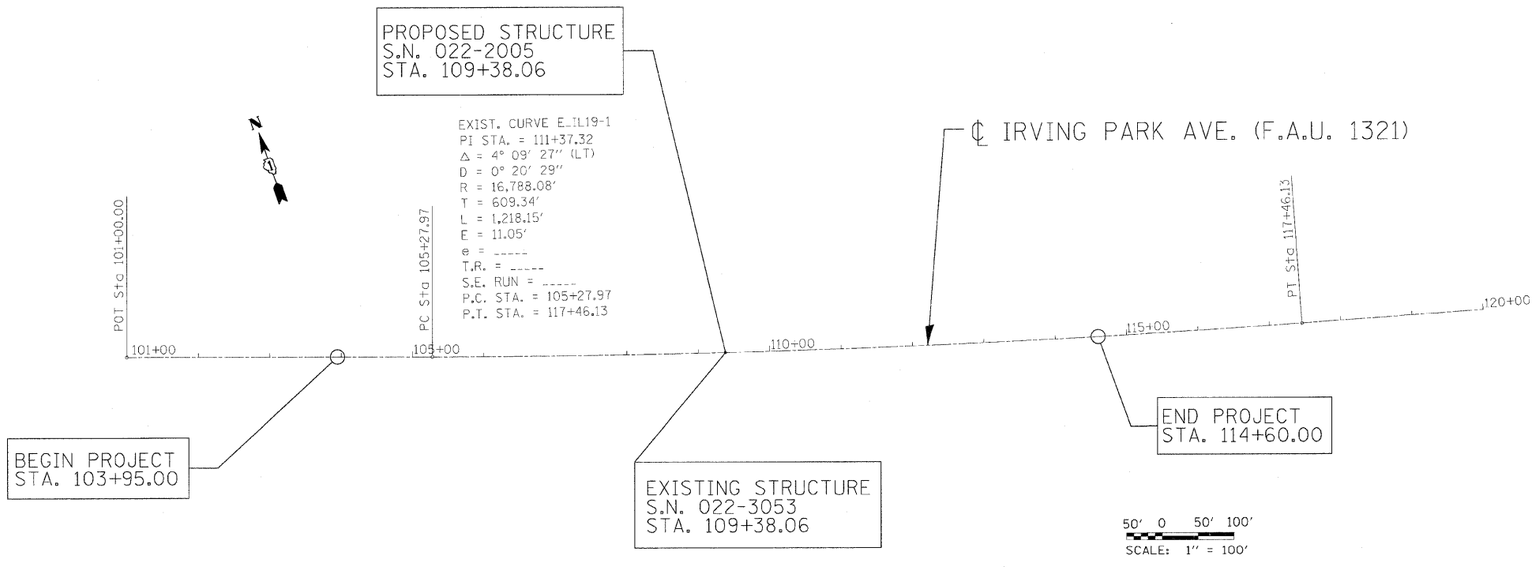
N = 1934176.69
E = 1061391.30



NOT TO SCALE

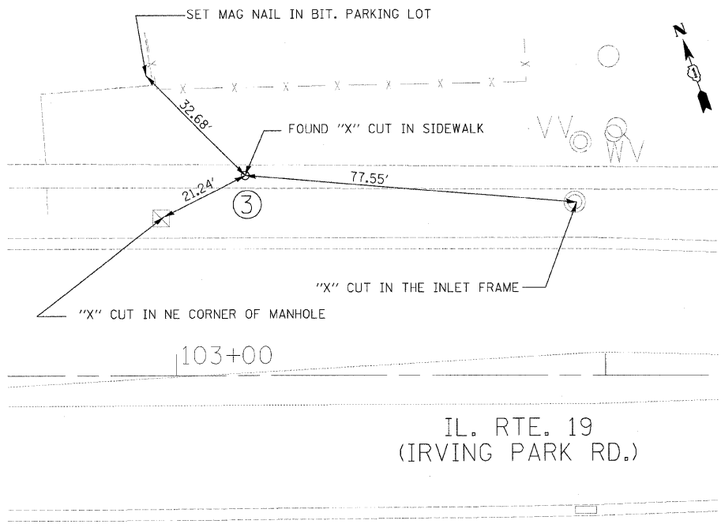
PT STA. 117+46.13

N = 1933821.34
E = 1062556.19



FILE NAME = ...\Phase Two\D160A90-sht-ATBI.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**ALIGNMENT AND TIES**
		DRAWN - ST	REVISED -		**IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK**
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - DMM	REVISED -		SCALE: 1" = 50' | SHEET NO. 1 OF 2 SHEETS | STA. 103+95.00 TO STA. 114+60.00
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -		

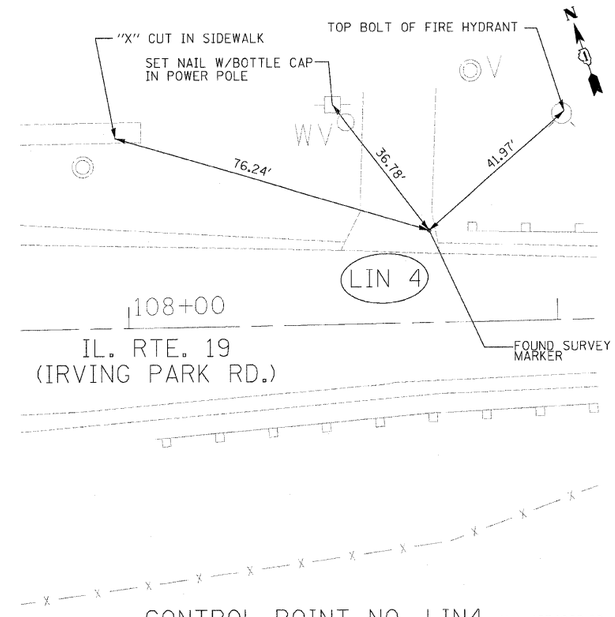
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	16
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOT TO SCALE

CONTROL POINT NO. 3
STA. 103+16.05; 46.57' LT.

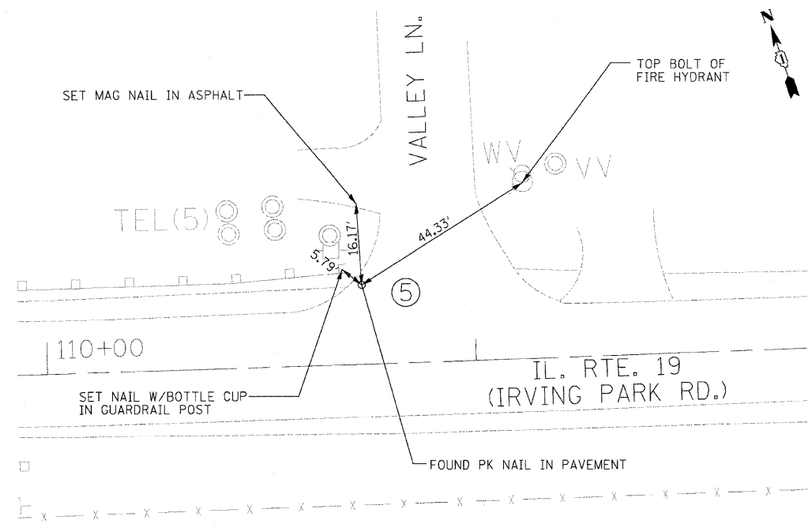
N = 1934289.85
E = 1061206.17



NOT TO SCALE

CONTROL POINT NO. LIN4
STA. 108+70.40; 21.60' LT.

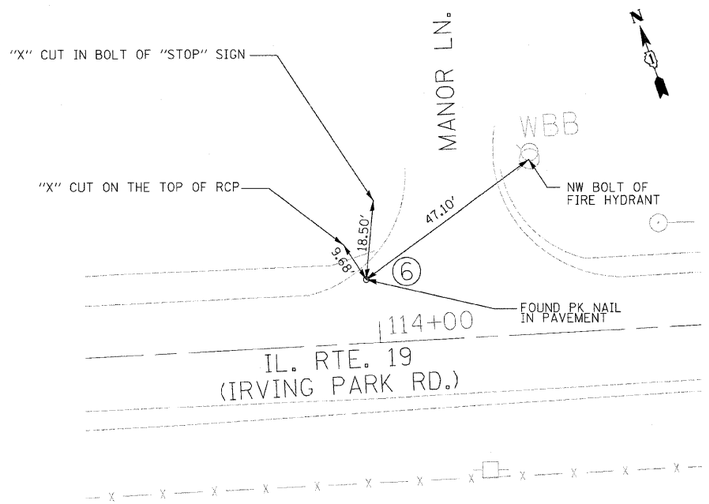
N = 1934088.83
E = 1061722.74



NOT TO SCALE

CONTROL POINT NO. 5
STA. 110+73.85; 18.52' LT.

N = 1934024.70
E = 1061915.58



NOT TO SCALE

CONTROL POINT NO. 6
STA. 113+97.47; 14.87' LT.

N = 1933928.69
E = 1062224.31

BENCHMARK NO. 1
CHISELED "□" CUT ON SW CORNER OF SOUTH HEADWALL
OF S.N. 022-3053; ELEV. = 720.18

BENCHMARK NO. 2
CHISELED "X" CUT ON TOP OF ARROW BOLT OF FIRE HYDRANT
AT THE NE CORNER OF THE INTERSECTION OF IL. RTE. 19 &
VALLEY LANE; ELEV. = 718.82

BENCHMARK NO. 3
CHISELED "X" CUT ON TOP OF ARROW BOLT OF FIRE HYDRANT
AT THE NORTH SIDE OF IL. RTE. 19 BETWEEN THE TEMPLE ENTRANCE
AND MEACHAM CREEK; ELEV. = 725.73

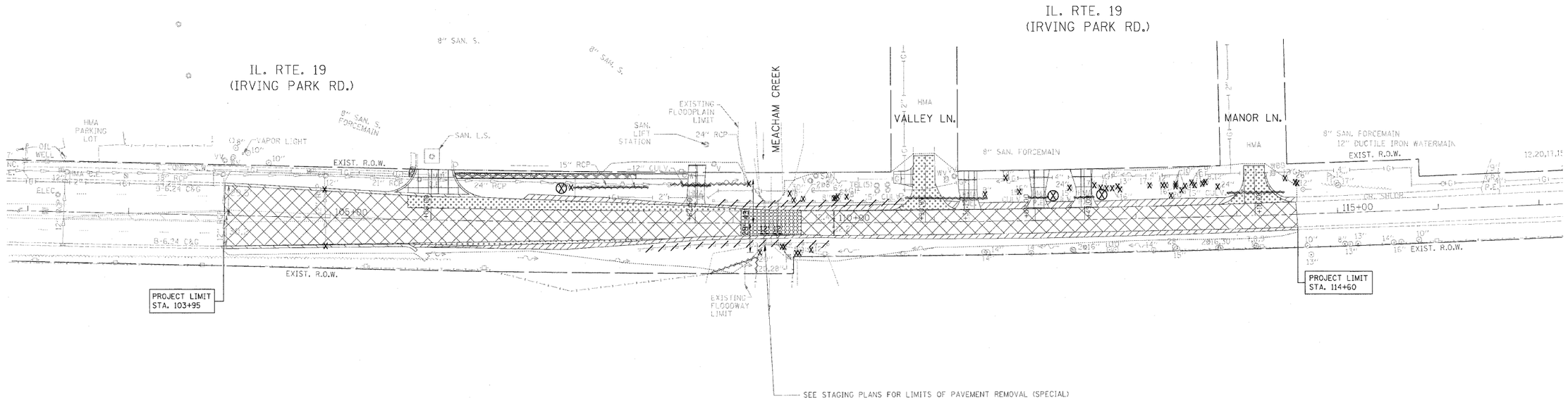
FILE NAME = ...\Phase Two\D160A90-sht-A182.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 100.0000 ' / IN.	CHECKED - DMM	REVISED -
	PLOT DATE = 1/10/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY CONTROL POINTS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

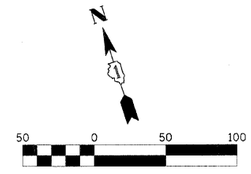
SCALE: 1" = 50' | SHEET NO. 2 OF 2 SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	17
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND FOR REMOVAL ITEMS:

- PAVEMENT REMOVAL
- PAVEMENT REMOVAL(SPECIAL)
- HMA SURFACE REMOVAL, VAR. DEPTH
- DRIVEWAY PAVEMENT REMOVAL
- HMA SHOULDER REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- TREE REMOVAL
- GUARD RAIL REMOVAL
- PIPE CULVERT REMOVAL
- FENCE REMOVAL
- MAILBOX RELOCATION
- SIDEWALK REMOVAL
- REMOVING MANHOLES
- CONCRETE HEADWALL REMOVAL
- STORM SEWER REMOVAL



Scale 1" = 50'

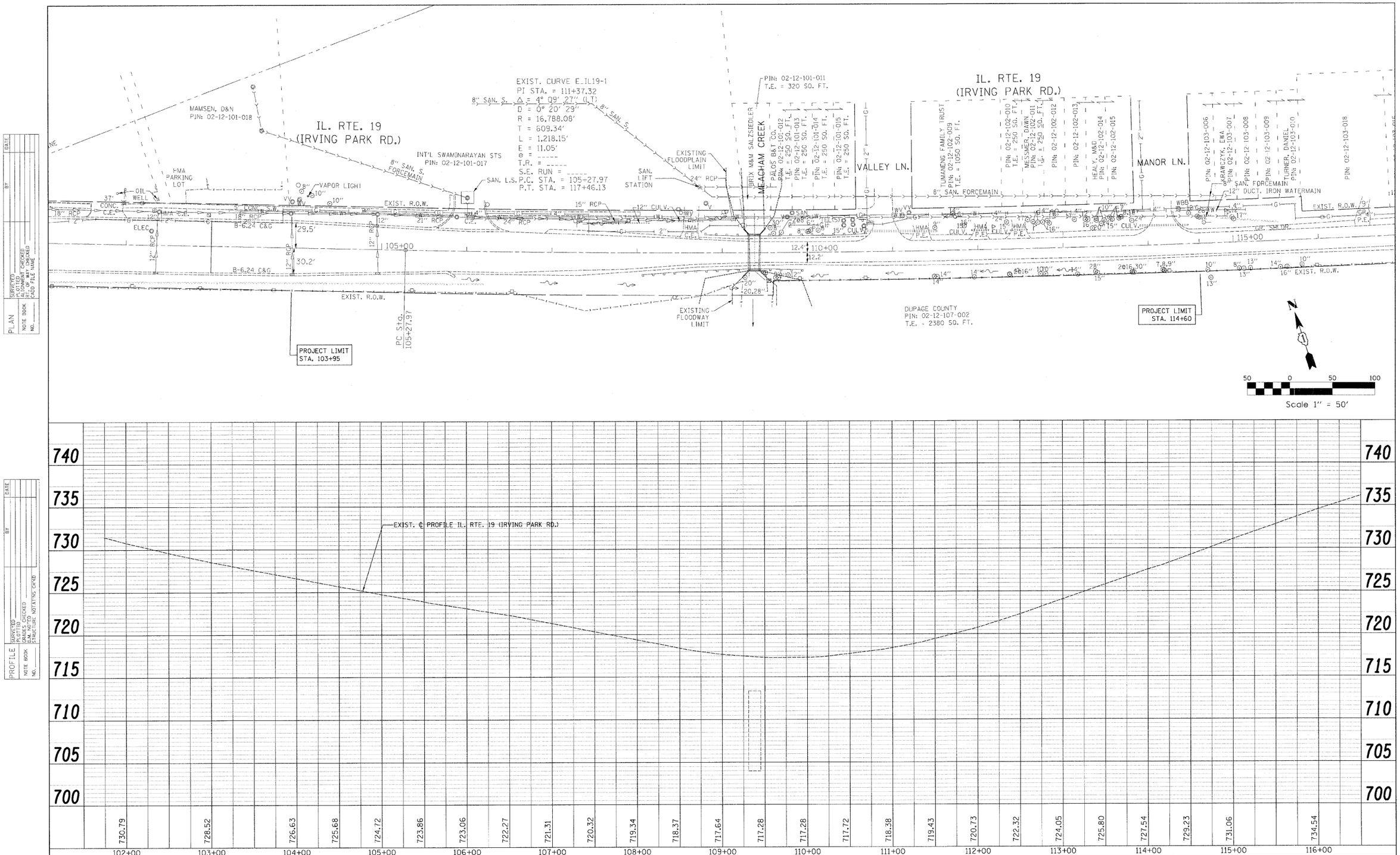
FILE NAME = ...\Phase Two\0E60A90-sht-rem.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 50.00 ' / IN.	CHECKED - DMM	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	18
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN — SURVEYED — PLOTTED — DRAWN — CHECKED — QUANTITIES CHECKED — R.P. OR W.P. CHECKED — CADD FILE NAME — NOTE BOOK — NO. — DATE — BY

PROFILE — SURVEYED — PLOTTED — DRAWN — CHECKED — QUANTITIES CHECKED — H.W. NOTED — STRUCTURE NOTATIONS CHKD — NOTE BOOK — NO. — DATE — BY

FILE NAME = ...\D1620A90-sht-plnprflExist.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - DMM	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN & PROFILE SHEET
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1"=50'H, 5'V | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	19
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

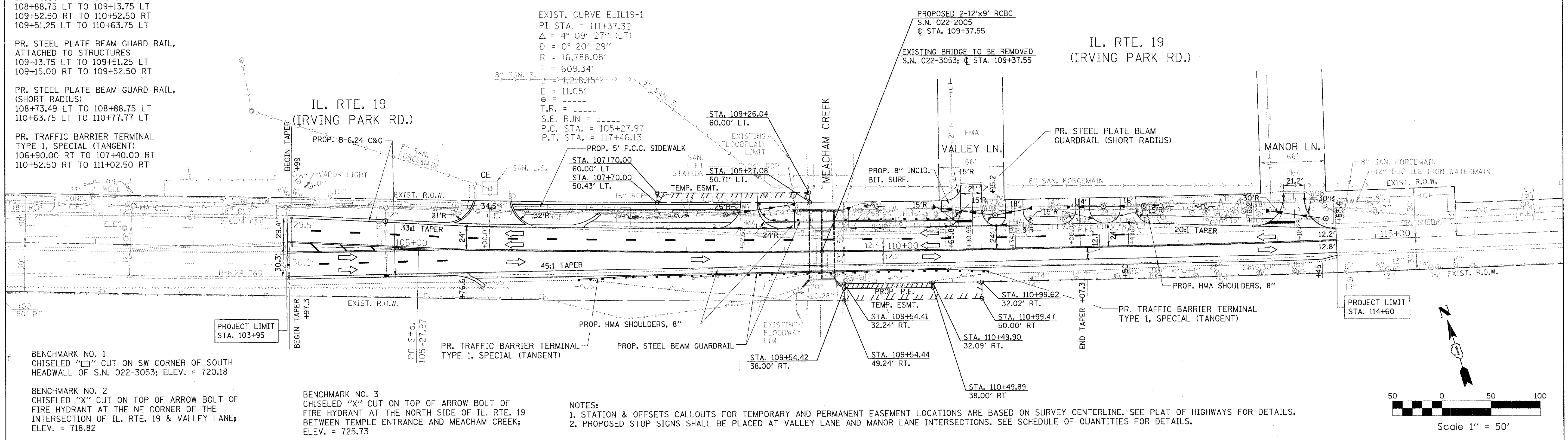
PR. STEEL PLATE BEAM GUARD RAIL, TYPE A
107+40.00 RT TO 109+15.00 RT
108+88.75 LT TO 109+13.75 LT
109+52.50 RT TO 110+52.50 RT
109+51.25 LT TO 110+63.75 LT

PR. STEEL PLATE BEAM GUARD RAIL, ATTACHED TO STRUCTURES
109+13.75 LT TO 109+51.25 LT
109+15.00 RT TO 109+52.50 RT

PR. STEEL PLATE BEAM GUARD RAIL, (SHORT RADIUS)
108+73.49 LT TO 108+88.75 LT
110+63.75 LT TO 110+77.77 LT

PR. TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)
106+90.00 RT TO 107+40.00 RT
110+52.50 RT TO 111+02.50 RT

EXIST. CURVE E_IL19-1
PI STA. = 111+37.32
Δ = 4° 09′ 27″ (LT)
D = 0° 20′ 29″
R = 16,788.08′
T = 609.34′
L = 1,218.15′
E = 11.05′
θ = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 105+27.97
P.T. STA. = 117+46.13



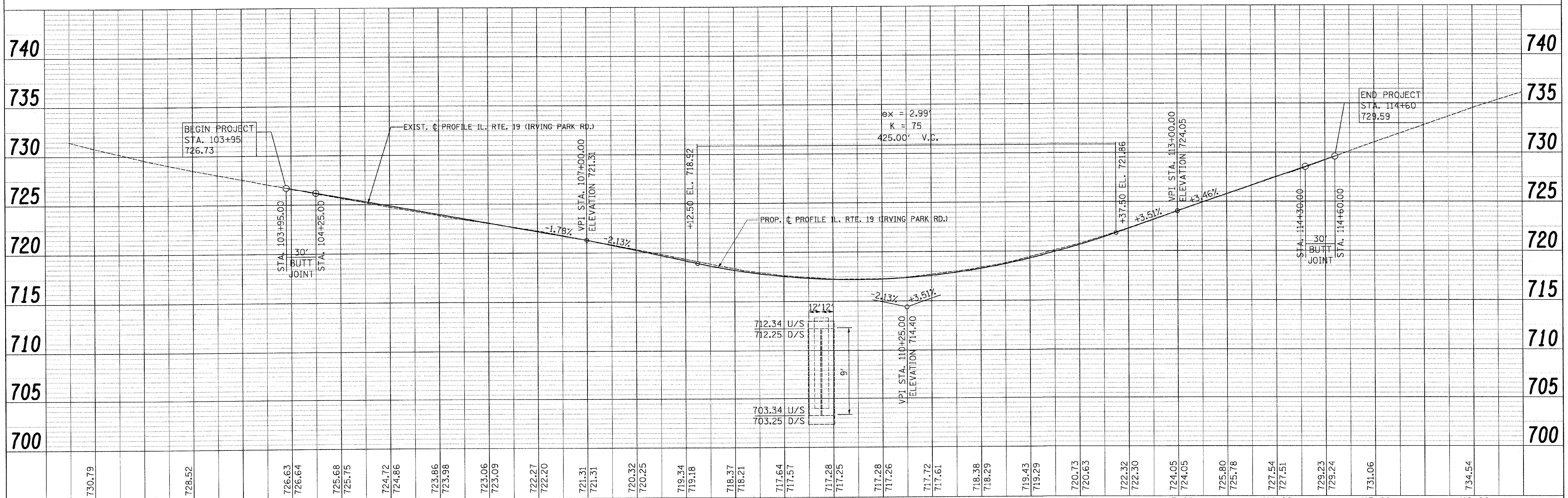
IL. RTE. 19
(IRVING PARK RD.)
PROPOSED 2-12′x9′ RCBC
S.N. 022-2005
℄ STA. 109+37.55
EXISTING BRIDGE TO BE REMOVED
S.N. 022-3053; ℄ STA. 109+37.55
MEACHAM CREEK
VALLEY LN.
MANOR LN.
PROJECT LIMIT
STA. 103+95
PROJECT LIMIT
STA. 114+60
PROP. 5′ P.C.C. SIDEWALK
PROP. HMA SHOULDERS, 8″
PROP. STEEL BEAM GUARDRAIL
PR. TRAFFIC BARRIER TERMINAL
TYPE 1, SPECIAL (TANGENT)
PR. STEEL PLATE BEAM
GUARDRAIL (SHORT RADIUS)
33:1 TAPER
45:1 TAPER
20:1 TAPER
BEGIN TAPER
END TAPER
EXIST. R.O.W.
TEMP. ESMT.
STA. 109+26.04
60.00′ LT.
STA. 109+27.08
50.71′ LT.
STA. 107+70.00
60.00′ LT
STA. 107+70.00
50.43′ LT.
STA. 109+54.41
32.24′ RT.
STA. 109+54.42
38.00′ RT.
STA. 109+54.44
49.24′ RT.
STA. 110+49.90
32.09′ RT.
STA. 110+49.89
38.00′ RT
STA. 110+99.47
50.00′ RT
STA. 110+99.62
32.02′ RT.
N
Scale 1″ = 50′

BENCHMARK NO. 1
CHISELED "□" CUT ON SW CORNER OF SOUTH HEADWALL OF S.N. 022-3053; ELEV. = 720.18

BENCHMARK NO. 2
CHISELED "X" CUT ON TOP OF ARROW BOLT OF FIRE HYDRANT AT THE NE CORNER OF THE INTERSECTION OF IL. RTE. 19 & VALLEY LANE; ELEV. = 718.82

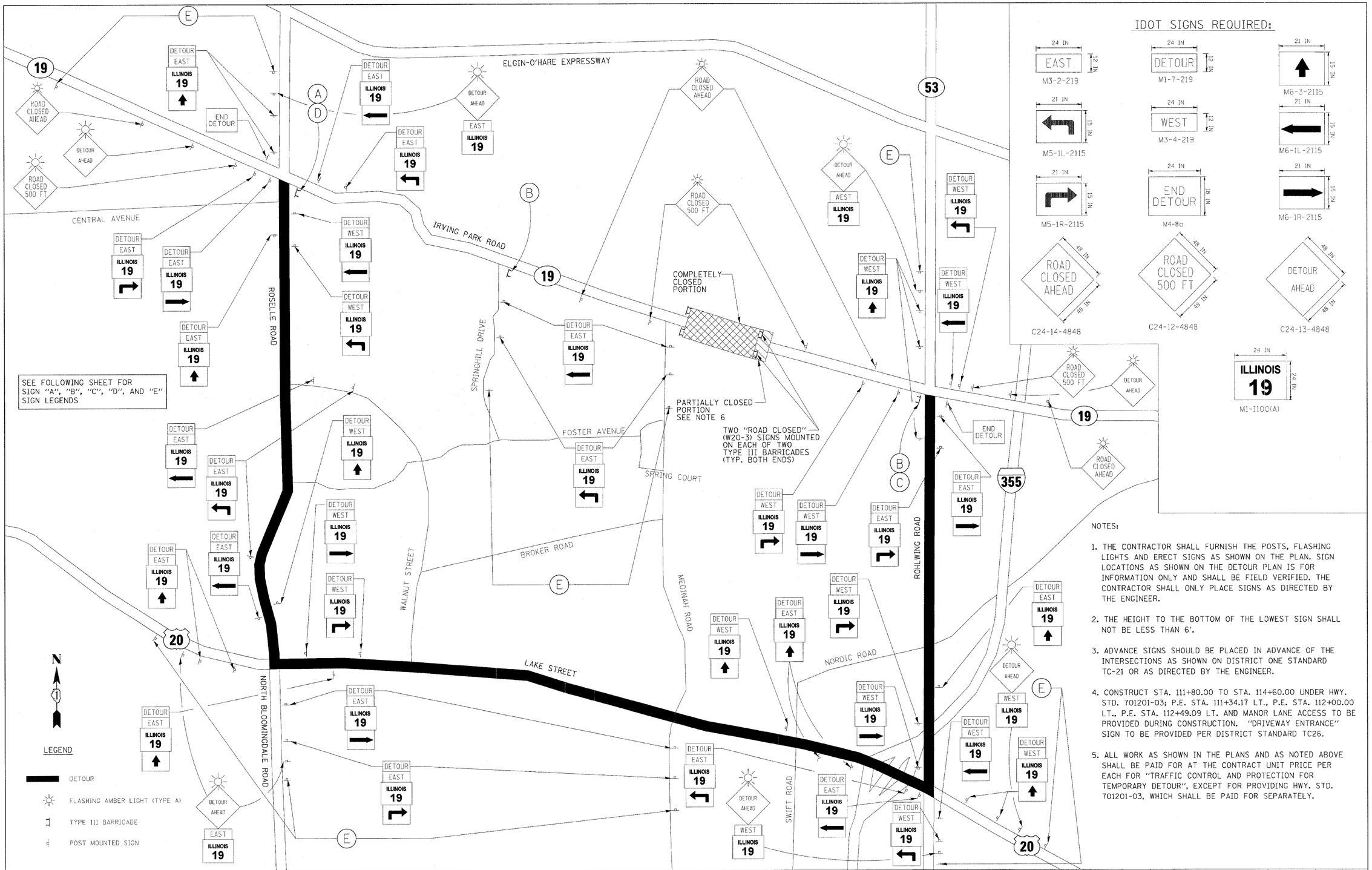
BENCHMARK NO. 3
CHISELED "X" CUT ON TOP OF ARROW BOLT OF FIRE HYDRANT AT THE NORTH SIDE OF IL. RTE. 19 BETWEEN TEMPLE ENTRANCE AND MEACHAM CREEK; ELEV. = 725.73

NOTES:
1. STATION & OFFSETS CALLOUTS FOR TEMPORARY AND PERMANENT EASEMENT LOCATIONS ARE BASED ON SURVEY CENTERLINE. SEE PLAT OF HIGHWAYS FOR DETAILS.
2. PROPOSED STOP SIGNS SHALL BE PLACED AT VALLEY LANE AND MANOR LANE INTERSECTIONS. SEE SCHEDULE OF QUANTITIES FOR DETAILS.



740
735
730
725
720
715
710
705
700
BEGIN PROJECT
STA. 103+95
726.73
END PROJECT
STA. 114+60
729.59
EXIST. ℄ PROFILE IL. RTE. 19 (IRVING PARK RD.)
PROP. ℄ PROFILE IL. RTE. 19 (IRVING PARK RD.)
ex = 2.99′
K = 75
425.00′ V.C.
VPI STA. 107+00.00
ELEVATION 721.31
VPI STA. 113+00.00
ELEVATION 724.05
VPI STA. 110+25.00
ELEVATION 714.40
-1.78%
-2.13%
+3.51%
+3.46%
30′ BUTT JOINT
712.34 U/S
712.25 D/S
703.34 U/S
703.25 D/S
102+00
103+00
104+00
105+00
106+00
107+00
108+00
109+00
110+00
111+00
112+00
113+00
114+00
115+00
116+00

FILE NAME = ...\D160A90-sht-plnprf(Prop).R1.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED - 03/08/2009	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PLAN & PROFILE SHEET IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK	F.A.U. RTE. 1321	SECTION 31T-2	COUNTY DUPAGE	TOTAL SHEETS 59	SHEET NO. 20
	PLOT SCALE = 50.0000 ′ / IN.	DRAWN - ST	REVISED -		SCALE: 1″=50′H, 5′V SHEET NO. OF SHEETS STA. 103+95.00 TO STA. 114+60.00			CONTRACT NO. 60A90		
	PLOT DATE = 3/18/2009	CHECKED - DMM	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
		DATE - 09/2008	REVISED -							



IDOT SIGNS REQUIRED:

NOTES:

1. THE CONTRACTOR SHALL FURNISH THE POSTS, FLASHING LIGHTS AND ERECT SIGNS AS SHOWN ON THE PLAN. SIGN LOCATIONS AS SHOWN ON THE DETOUR PLAN IS FOR INFORMATION ONLY AND SHALL BE FIELD VERIFIED. THE CONTRACTOR SHALL ONLY PLACE SIGNS AS DIRECTED BY THE ENGINEER.
2. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
3. ADVANCE SIGNS SHOULD BE PLACED IN ADVANCE OF THE INTERSECTIONS AS SHOWN ON DISTRICT ONE STANDARD TC-21 OR AS DIRECTED BY THE ENGINEER.
4. CONSTRUCT STA. 111+80.00 TO STA. 114+60.00 UNDER HWY. STD. 701201-03; P.E. STA. 111+34.17 LT., P.E. STA. 112+00.00 LT., P.E. STA. 112+49.09 LT. AND MANOR LANE ACCESS TO BE PROVIDED DURING CONSTRUCTION. "DRIVEWAY ENTRANCE" SIGN TO BE PROVIDED PER DISTRICT STANDARD TC26.
5. ALL WORK AS SHOWN IN THE PLANS AND AS NOTED ABOVE SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR", EXCEPT FOR PROVIDING HWY. STD. 701201-03, WHICH SHALL BE PAID FOR SEPARATELY.

FILE NAME = ...\D1600A90-sht-stagingl.dgn	USER NAME = Plotted by Administrator	DESIGNED - DPS	REVISED -
		DRAWN - DPS	REVISED -
	PLOT SCALE = 400 ' / IN.	CHECKED - FML	REVISED -
	PLOT DATE = 1/18/2009	DATE - 11/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETOUR PLAN
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE : NTS | SHEET NO. OF SHEETS | STA. 103+95.0 TO STA. 114+60.0

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	21
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT :		

IDOT SIGNS REQUIRED:

(FOR PRE-STAGE DETOUR)

ROAD CLOSED
XX MILES AHEAD
LOCAL TRAFFIC ONLY

R11-3A
60" x 30"

(A)

ROAD CLOSED
TO
THRU TRAFFIC

R11-4
60" x 30"

(B)

DETOUR

M4-10L
48" x 18"

(C)

DETOUR

M4-10R
48" x 18"

(D)

78 IN

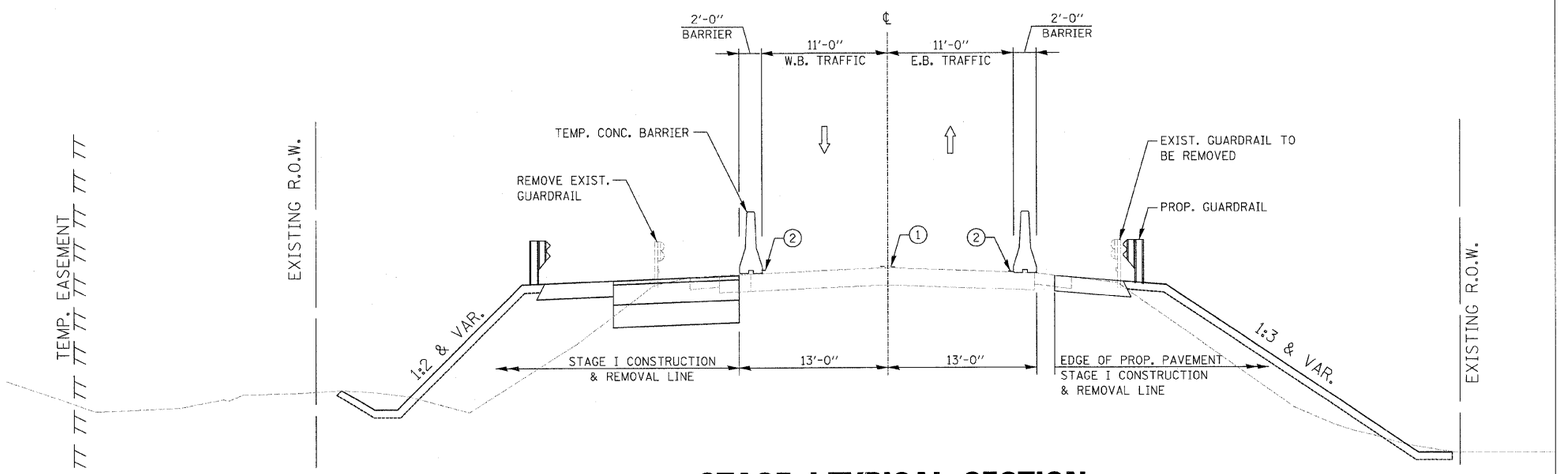
60 IN

ILLINOIS 19 CLOSED
EAST OF MEDINAH ROAD
FOLLOW DETOUR

SPECIAL 78" x 60"
BLACK LETTERS ON
WHITE REFLECTIVE
BACKGROUND

(E)

IL. 19 (Irving Park Rd.)

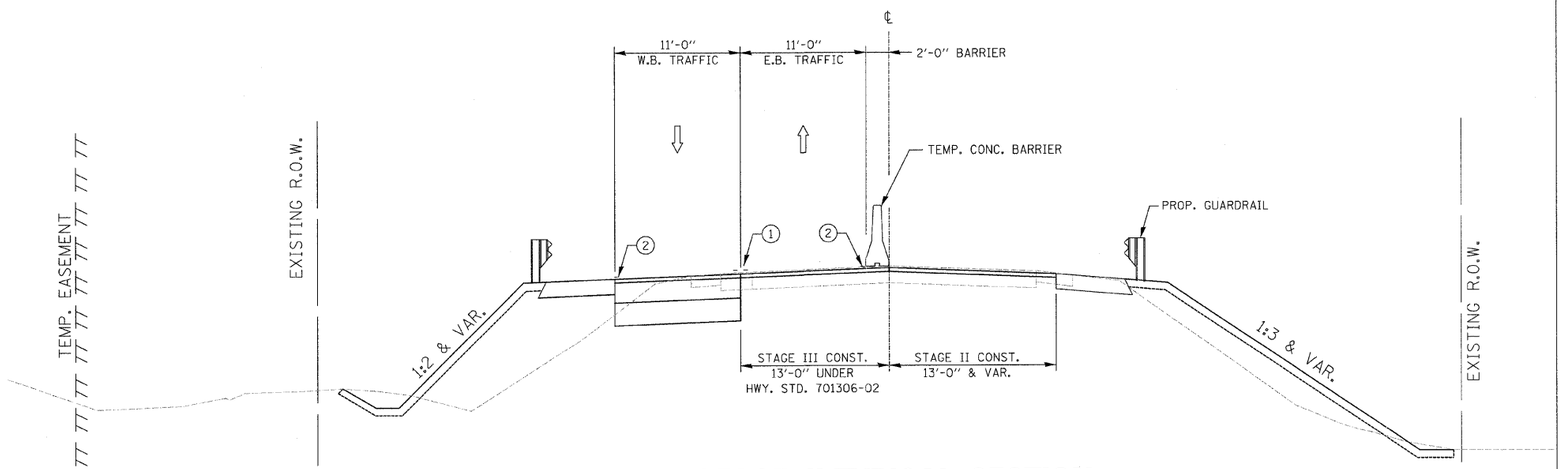


STAGE I TYPICAL SECTION (LOOKING EAST)

(1) PAVEMENT MARKING TAPE, TYPE III - LINE 4" DOUBLE YELLOW - CENTERLINE

(2) PAVEMENT MARKING TAPE, TYPE III - LINE 4" SOLID WHITE - EDGE LINE

IL. 19 (Irving Park Rd.)



STAGE II TYPICAL SECTION (LOOKING EAST)

(1) PAVEMENT MARKING TAPE, TYPE III - LINE 4" DOUBLE YELLOW - CENTERLINE

(2) PAVEMENT MARKING TAPE, TYPE III - LINE 4" SOLID WHITE - EDGE LINE

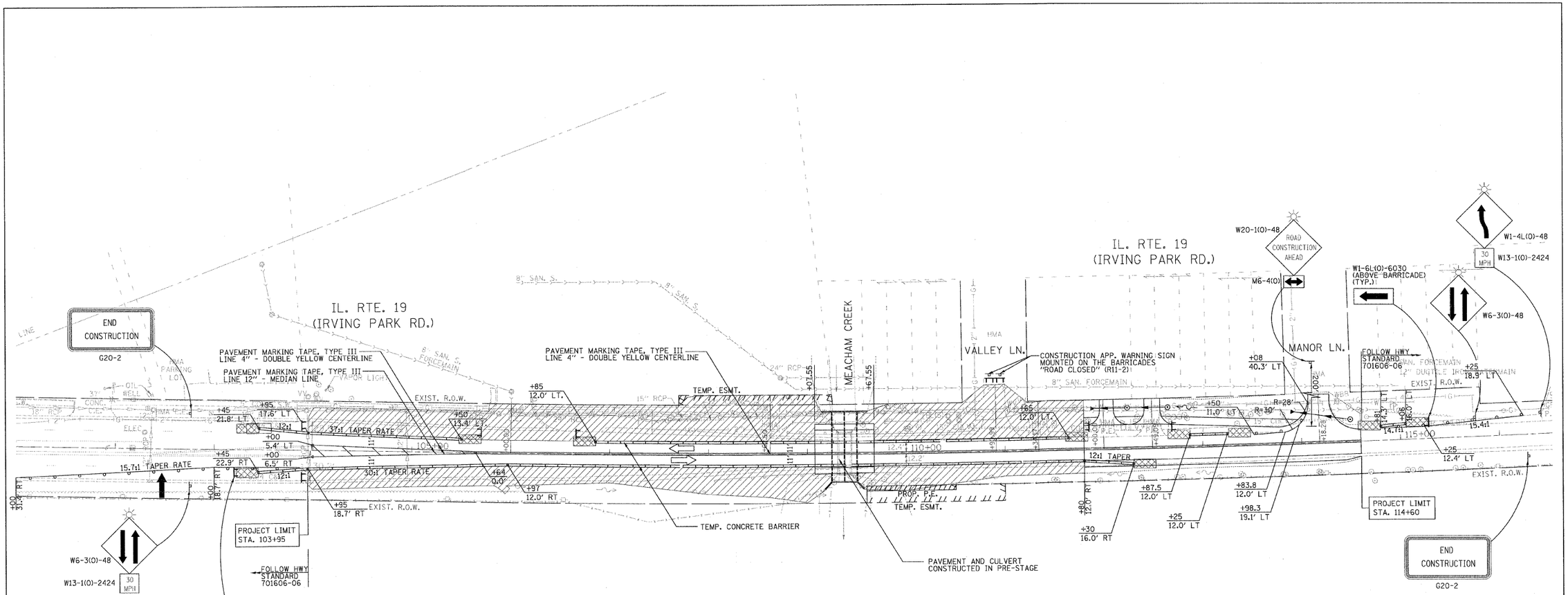
FILE NAME = E:\0707\IrvingPark\Phase Two \sheet_Typical Sections.dgn	USER NAME = DMM	DESIGNED - SGL	REVISED -
		DRAWN - SGL	REVISED -
	PLOT SCALE = NOT TO SCALE	CHECKED - FML	REVISED -
	PLOT DATE = 05/08/2008	DATE - 11/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: N/A | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	22
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL ENTRANCES AT ALL TIMES.
2. APPLY 4" WHITE REFLECTORIZED PAVEMENT MARKING EDGE LINES ALONG SIDES OF CONCRETE BARRIER WALL AND DRUMS THROUGHOUT CONSTRUCTION LIMITS.
3. ALL PAVEMENT MARKING TAPE, TYPE III SHALL BE WET REFLECTIVE TAPE.

SYMBOLS:

- WORK AREA
- IMPACT ATTENUATOR
- CONSTRUCTION SIGN
- TYPE III BARRICADE
- TEMP. CONCRETE BARRIER
- ARROW BOARD
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT/ DIRECTION INDICATOR BARRICADE WITH STADY BURN MONODIRECTIONAL LIGHT

PRE STAGE CONSTRUCTION (DETOUR):

1. PERFORM TRAFFIC CONTROL IN ACCORDANCE WITH DETOUR PLAN. CLOSE IL RTE 19 TO THROUGH TRAFFIC FROM STA. 107+00 TO STA. 115+00.
2. REMOVE EXISTING PAVEMENT AND STRUCTURE AT MEACHAM CREEK FROM STA. 109+07.55 TO STA. 109+67.55.
3. REPLACE STRUCTURE AND PAVEMENT OVER MEACHAM CREEK; CONSTRUCT PROPOSED PAVEMENT RESURFACING, SHOULDERS, DRIVEWAYS, STORM SEWERS, AND GRADING FROM STA. 111+80.00 TO STA. 114+60.00.

STAGE 1 CONSTRUCTION:

1. PERFORM TRAFFIC STAGING IN ACCORDANCE WITH HIGHWAY STANDARD 701606-06 AND AS SHOWN IN THE PLANS.
2. REMOVE CONFLICTING PAVEMENT MARKINGS & MARKERS, AND INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN IN THE PLANS.
3. REMOVE NORTH AND SOUTH SIDE EXISTING PORTIONS OF PAVEMENT, GUARDRAIL, SHOULDERS, DRIVEWAY PAVEMENT, SIDEWALK, TREES, STORM SEWERS & PIPE CULVERTS, AND CONSTRUCT PROPOSED PAVEMENT RECONSTRUCTION AND RESURFACING, SHOULDERS, DRIVEWAY PAVEMENT, PERMANENT DRAINAGE ITEMS, GUARDRAIL, CURB AND GUTTER & GRADING FROM STA. 103+95.00 TO STA. 109+07.55, AND FROM STA. 109+67.55 TO STA. 111+80.00.

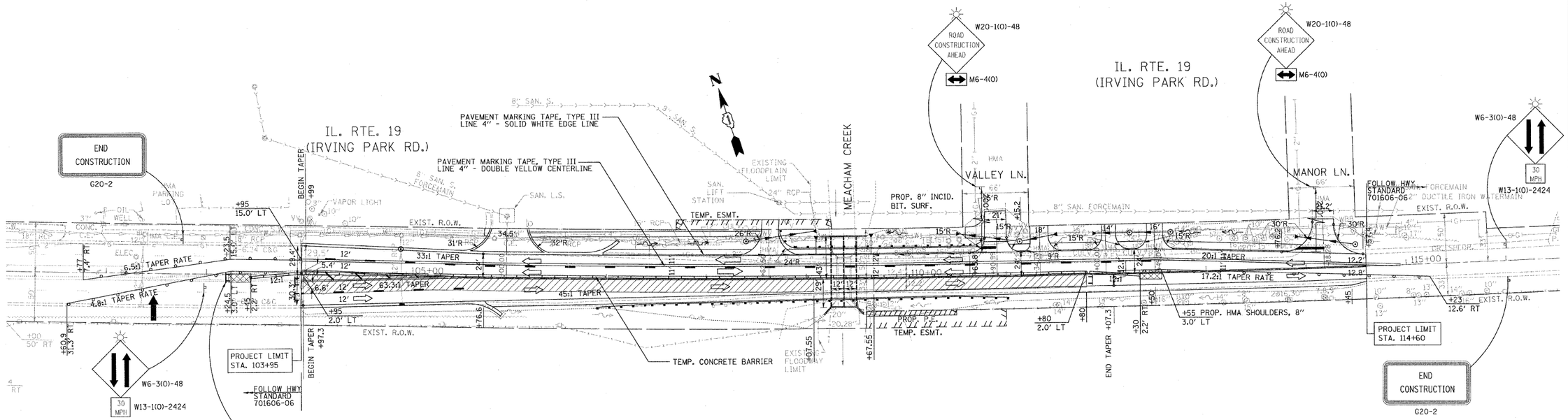
N

50 0 50 100

Scale 1" = 50'

FILE NAME = ...\D1602A90-shtstaging3_R1.dgn	USER NAME = Plotted by Administrator	DESIGNED - SGL	REVISED - 03/08/2009	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC STAGE 1 IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK
		DRAWN - SGL	REVISED - ___		
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - FML	REVISED - ___		
	PLOT DATE = 3/18/2009	DATE - 11/2008	REVISED - ___		SCALE: 1" = 50' | SHEET NO. __ OF ___ SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	23
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



NOTES:

1. ACCESS SHALL BE MAINTAINED TO ALL ENTRANCES AT ALL TIMES.
2. APPLY 4" WHITE REFLECTORIZED PAVEMENT MARKING EDGE LINES ALONG SIDES OF CONCRETE BARRIER WALL AND DRUMS THROUGHOUT CONSTRUCTION LIMITS.
3. ALL PAVEMENT MARKING TAPE, TYPE III SHALL BE WET REFLECTIVE TAPE.

SYMBOLS:

- WORK AREA
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- CONSTRUCTION SIGN
- TYPE III BARRICADE
- TEMP. CONCRETE BARRIER
- ARROW BOARD
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT/ DIRECTION INDICATOR BARRICADE WITH STADY BURN MONODIRECTIONAL LIGHT

STAGE 2 CONSTRUCTION

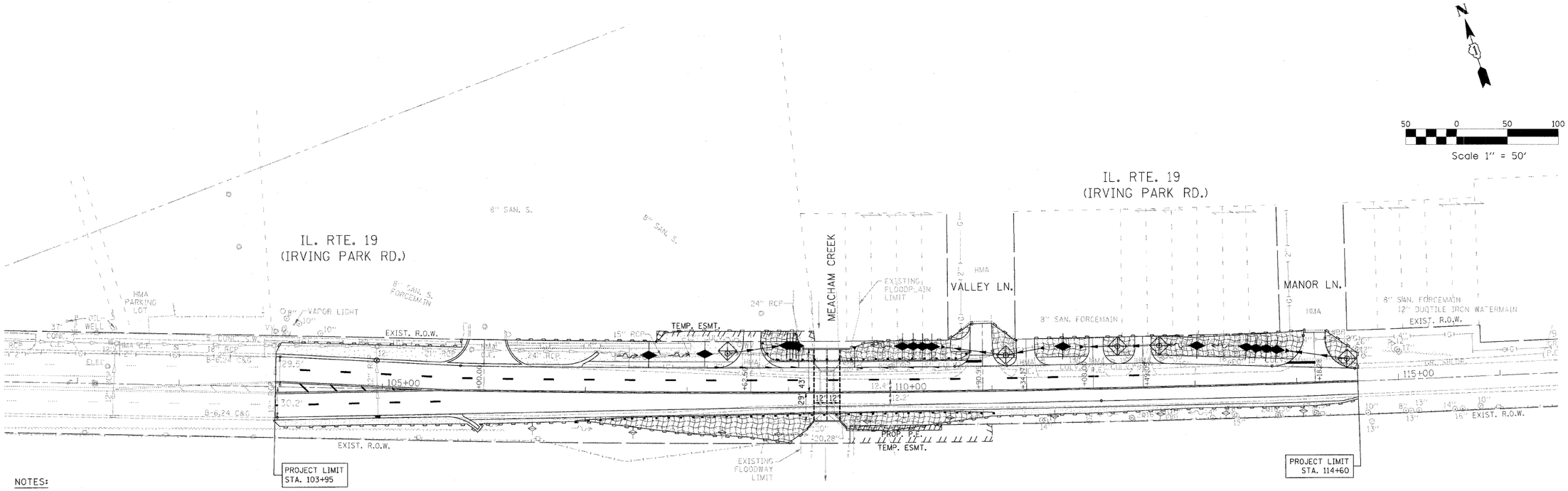
1. PERFORM TRAFFIC STAGING IN ACCORDANCE WITH HIGHWAY STANDARD 701606-06 AND AS SHOWN IN THE PLANS.
2. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS & MARKERS, & INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN IN THE PLANS.
3. PERFORM PAVEMENT RESURFACING ALONG THE EASTBOUND LANES FROM STA. 103+95.00 TO STA. 109+07.55, AND FROM STA. 109+67.55 TO STA. 111+80.00.

STAGE 3 CONSTRUCTION

1. PERFORM REMAINING PORTION OF PAVEMENT RESURFACING ALONG THE WESTBOUND LANES FROM STA. 103+95.00 TO STA. 109+07.55, AND FROM STA. 109+67.55 TO STA. 111+80.00 UNDER HIGHWAY STANDARD 701306-02.
2. PLACE PROPOSED PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH HIGHWAY STANDARD 701311-03.

FILE NAME = ...\D160A92-shsstaging4_RI.dgn	USER NAME = Plotted by Administrator	DESIGNED - SGL	REVISED - 03/08/2009	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**MAINTENANCE OF TRAFFIC STAGE 2 IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK**
		DRAWN - SGL	REVISED - ___		
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - FML	REVISED - ___		
	PLOT DATE = 3/18/2009	DATE - 11/2008	REVISED - ___		SCALE: 1" = 50' | SHEET NO. __ OF ___ SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	24
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



NOTES:

1. THE CONTRACTOR SHALL PREVENT DEBRIS FROM FALLING INTO MEACHAM CREEK DURING THE REMOVAL OF THE EXISTING BRIDGE. THIS WORK IS INCLUDED IN THE PAY ITEM FOR REMOVAL OF THE EXISTING STRUCTURE AND WILL NOT BE PAID FOR SEPARATELY, BUT IS CONSIDERED INCIDENTAL.
2. ALL EROSION CONTROL ITEMS TO BE FURNISHED AND MAINTAINED BY THE CONTRACTOR FOR THE ENTIRE DURATION OF THE PROJECT, AS DIRECTED BY THE ENGINEER.
3. UNLESS INDICATED OTHERWISE, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
4. THE KANE - DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
6. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
7. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
8. ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS. INSPECTED DAILY AND CLEANED WHEN NECESSARY.
9. ALL EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND AFTER EACH 1/2" RAIN EVENT.
10. EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS IMMEDIATELY UPON FINAL GRADING.
11. THE PRIORITY SHALL BE GIVEN TO THE COMPLETION AND STABILIZATION OF THE DISTRURBED AREAS. WORK IN THESE AREAS SHALL NOT BE PROLONGED IN ATTEMPT THAT ALL FINAL GRADING AND STABILIZATION CAN TAKE PLACE AT ONE TIME.
12. STOCKPILES OF SOIL AND OTHER MATERIALS TO REMAIL 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.
13. IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OR 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.
14. 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.
15. THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SHUTDOWN SHALL BE ADDRESSED 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.
18. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK 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.
19. PLACE SILT FENCE ON EITHER SIDE OF THE STORM WATER PIPE TRENCH AND CROSSOVER ROAD. THE SILT FENCE SHOULD REMAIN IN PLACE UNTIL THE ENTIRE AREA IS STABILIZED.
20. THE SIDES SLOPE AND DITCHES MUST BE SEEDED AND STABILIZED WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS.

SYMBOLS:

- PROPOSED DITCH CHECK
- EXISTING DITCH CHECK
- INLET & PIPE PROTECTION
- SEEDING, CLASS 2A & MULCH, METHOD 2
- SEEDING, CLASS 2A & EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

FILE NAME = ...\Phase Two\D1604900-sht-eros.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - DMM	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	25
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXIST. CURVE E_IL19-1
PI STA. = 111+37.32
Δ = 4° 09' 27" (LT)
D = 0° 20' 29"
R = 16,788.08'
T = 609.34'
L = 1,218.15'
E = 11.05'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 105+27.97
P.T. STA. = 117+46.13

IL. RTE. 19
(IRVING PARK RD.)

INT'L SWAMINARAYAN STS
PIN: 02-12-101-017

8" SAN. S.

MAMSEN, D&N
PIN: 02-12-101-018

PROP. CB TYPE A 4'-DIA., TYPE 24 F&G WITH FST
STA. 104+94.1, 26.6' LT.; RIM. ELEV. = 724.23
MATCH EXISTING STORM SEWER INVERTS

8" SAN. S. FORCEMAIN

SAN. L.S.

OIL WELL

VAPOR LIGHT

EXIST. R.O.W.

SAN. LIFT STATION

TEMP. ESMT.

EXISTING FLOODPLAIN LIMIT

24" RCP

MEACHAM CREEK

BRIX M&M SALDSIEDLER
PIN: 02-12-101-011
T.E. = 320 SQ. FT.

PALOS BK T CO
PIN: 02-12-101-012
T.E. = 220 SQ. FT.

PIN: 02-12-101-013
T.E. = 250 SQ. FT.

PIN: 02-12-101-014
T.E. = 250 SQ. FT.

PIN: 02-12-101-015
T.E. = 250 SQ. FT.

VALLEY LN.

TUMANENG FAMILY TRUST
PIN: 02-12-102-009
T.E. = 1050 SQ. FT.

PIN: 02-12-102-010
T.E. = 240 SQ. FT.

MESSMER, DANIEL
PIN: 02-12-102-011
T.E. = 250 SQ. FT.

PIN: 02-12-102-012

PIN: 02-12-102-013

HEALY, M&D
PIN: 02-12-102-014

PIN: 02-12-102-015

MANOR LN.

PIN: 02-12-103-005

KRAWCZYK, EWA
PIN: 02-12-103-007

PIN: 02-12-103-008

PIN: 02-12-103-009

TURNER, DANIEL
PIN: 02-12-103-010

PIN: 02-12-103-018

8" SAN. FORCEMAIN
12" DUCTILE IRON WATERMAIN

EXIST. R.O.W.

SEE SHLDR.

16" EXIST. R.O.W.

PROJECT LIMIT
STA. 103+95

PROJECT LIMIT
STA. 114+60

PROP. CB TYPE A 4'-DIA., TYPE 24 F&G WITH FST
STA. 104+96.2, 26.3' RT.; RIM. ELEV. = 724.28
MATCH EXISTING STORM SEWER INVERT

PROPOSED PIPE UNDERDRAINS 4"
- STA. 108+10.00 LT. TO STA. 109+10.00 LT.
- STA. 109+65.00 LT. TO STA. 110+65.00 LT.

PC Sta. 105+27.97

EXISTING FLOODWAY LIMIT

PROP. P.E. TEMP. ESMT.

DUPAGE COUNTY
PIN: 02-12-101-002
T.E. = 2380 SQ. FT.

A PR. 4' DIA. CB TY A, TY 8 GR
WITH FLAT SLAB TOP
STA. 108+39.6; 38.2' LT.
RIM. ELEV. = 714.90
℄ ELEV. = 708.82 (W) (EX. SS)
℄ ELEV. = 708.50 (E)

B PROP. PRECAST REINF. CONC.
FLARED END SECTION - 24" DIA.
STA. 109+10.3; 48.3' LT.
℄ ELEV. = 706.66

C PROP. PRECAST REINF. CONC.
FLARED END SECTION - 18" DIA.
STA. 110+50.0; 43.6' LT.
℄ ELEV. = 713.30

D PR. 4' DIA. CB TY A, TY 8 GR
WITH FLAT SLAB TOP
STA. 111+14.1; 34.6' LT.
RIM. ELEV. = 716.60
℄ ELEV. = 714.30 (W)
℄ ELEV. = 714.30 (E)

E PROP. PRECAST REINF. CONC.
FLARED END SECTION - 18" DIA.
STA. 111+51.6; 41.0' LT.
℄ ELEV. = 715.00

F PROP. PRECAST REINF. CONC.
FLARED END SECTION - 18" DIA.
STA. 111+87.2; 41.0' LT.
℄ ELEV. = 716.60

G PR. 4' DIA. CB TY A, TY 8 GR
WITH FLAT SLAB TOP
STA. 112+24.4; 41.0' LT.
RIM. ELEV. = 719.50
℄ ELEV. = 717.00 (W)
℄ ELEV. = 717.00 (E)

H PR. 4' DIA. CB TY A, TY 8 GR
WITH FLAT SLAB TOP
STA. 112+65.3; 40.6' LT.
RIM. ELEV. = 720.50
℄ ELEV. = 717.40

I PROP. PRECAST REINF. CONC.
FLARED END SECTION - 18" DIA.
STA. 113+89.8; 32.3' LT.
℄ ELEV. = 722.00

J PR. 4' DIA. CB TY A, TY 8 GR
WITH FLAT SLAB TOP
STA. 114+50.00; 22.4' LT.
RIM. ELEV. = 727.00
℄ ELEV. = 722.60

Scale 1" = 50'

EXIST. ℄ PROFILE IL. RTE. 19 (IRVING PARK RD.)

PROP. ℄ PROFILE IL. RTE. 19 (IRVING PARK RD.)

SPECIAL DITCH LEFT
STA. 107+15.0; ELEV. = 719.90 TO
STA. 108+40.0; ELEV. = 714.90
SLOPE = -4.0%

EX. 24" SS
SLOPE = 2.83%

PROP. SS (WMR) - 24" DIA.
LENGTH = 64.9'
SLOPE = 2.83%

712.34 U/S
712.25 D/S

703.34 U/S
703.25 D/S

12'12'

9'

+13.5%

+0.4%

SPECIAL DITCH LEFT
STA. 110+00.0; ELEV. = 713.10 TO
STA. 110+50.0; ELEV. = 713.30
SLOPE = +0.4%

PROP. SS (WMR)
18" DIA. - LENGTH = 57.6'
SLOPE = 1.7%

PROP. SS (WMR)
18" DIA. - LENGTH = 31.8'
SLOPE = 2.2%

+4.6%

SPECIAL DITCH LEFT
STA. 111+51.6; ELEV. = 715.00 TO
STA. 111+87.2; ELEV. = 716.60
SLOPE = +4.6%

PROP. SS (WMR) - 18" DIA.
LENGTH = 30.7'
SLOPE = 1.3%

PROP. SS (WMR) - 18" DIA.
LENGTH = 35.9'
SLOPE = 1.1%

+1.2%

SPECIAL DITCH LEFT
STA. 112+65.3; ELEV. = 720.50 TO
STA. 113+89.8; ELEV. = 722.00
SLOPE = +1.2%

+12.0%

SPECIAL DITCH LEFT
STA. 114+50.0; ELEV. = 727.00
STA. 114+60.0; ELEV. = 728.20
SLOPE = +12.0%

PROP. SS (WMR)
18" DIA. - LENGTH = 54.5'
SLOPE = 1.1%

102+00	730.79	730.79			
103+00	728.52	728.52			
104+00	726.63	726.64			
105+00	725.68	725.75			
	724.72	724.86			
	723.86	723.98			
106+00	723.06	723.09			
	722.27	722.20			
107+00	721.31	721.31			
	720.32	720.25			
108+00	719.34	719.18			
	718.37	718.21			
109+00	717.64	717.57			
	717.28	717.25			
110+00	717.28	717.26			
	717.72	717.61			
111+00	718.38	718.29			
	719.43	719.29			
112+00	720.73	720.63			
	722.32	722.30			
113+00	724.05	724.05			
114+00	725.80	725.78			
	727.54	727.51			
115+00	729.23	729.24			
	731.06				
116+00	734.54				

740 735 730 725 720 715 710 705 700

PLAN — SURVEYED — PLOTTED — CADD CHECKED — R.M. NOTES — STRUCTURE NOTATING DATE — BY — NOTE BOOK — NO.

PROFILE — SURVEYED — PLOTTED — CADD CHECKED — R.M. NOTES — STRUCTURE NOTATING DATE — BY — NOTE BOOK — NO.

FILE NAME = ...\0168A90-sht-drain.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	
		DRAWN - ST	REVISED -	
	PLOT SCALE = 50.2000 ' / IN.	CHECKED - DMM	REVISED -	
	PLOT DATE = 1/18/2009	DATE - 08/2008	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1"=50'H, 5'V | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	26
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PART OF THE SW 1/4 OF SEC. 1 AND PART OF THE NW 1/4 OF SEC. 12, TWP. 40 N., R. 10 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
103+84.07	49.51' Lt.	1,934,270.436	1,061,271.422
105+40.54	49.96' Lt.	1,934,219.833	1,061,419.451
105+40.65	0.04' Rt.	1,934,172.521	1,061,403.277
105+40.76	50.04' Rt.	1,934,125.209	1,061,387.104
107+70.00	50.43' Lt.	1,934,147.279	1,061,636.409
107+70.00	60.00' Lt.	1,934,156.366	1,061,639.399
109+26.04	60.00' Lt.	1,934,108.446	1,061,787.317
109+27.08	50.71' Lt.	1,934,099.286	1,061,785.477
109+27.42	47.61' Lt.	1,934,096.228	1,061,784.863
109+32.95	2.27' Rt.	1,934,047.024	1,061,774.979

Existing ℄ Pavement Illinois Route 19 Curve #1
P.I. = Sta. 111+37.31
Δ = 4°09'27"
R = 16788.08'
T = 609.34'
L = 1218.15'
E = 11.05'
P.C. = Sta. 105+27.97
P.T. = Sta. 117+46.12

Record ℄ R.O.W. Illinois Route 19 Curve Data
Δ = 4°02'
R = 17188.2'
T = 605.9'
L = 1211.2'
E = 10.66'

Measured ℄ R.O.W. Illinois Route 19 Curve Data
Δ = 4°02'04"
R = 17188.20'
T = 605.40'
L = 1210.29'
E = 10.66'

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
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
120.32' MEASURED DIMENSION
129.32'(Comp.) COMPUTED DIMENSION
( ) RECORD DATA
EXISTING BUILDING

N

SCALE: 1"=30'

Bearings are referenced to the Illinois State Plane Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- ○ IRON PIPE OR ⌀OD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ● T1, T2, T3 ***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.
- ● BT1, BT2, BT3 ***THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.*** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE 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.

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 1, TOWNSHIP 40N., RANGE 10E. AND SECTION 12, TOWNSHIP 40N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 10th DAY OF June 2008 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

CHRISTIAN H. JORGENSEN 2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS LAKE VILLA, ILLINOIS

RECEIVED
NOV 26 2008
PLATS & LEGALS

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1GU0001	79 ED 21	*October 15, 1979
----	214952	June 5, 1926
----	R79-86250	September 24, 1979
----	79 ED 20	*October 18, 1979

* Date Filed

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1321 (ILLINOIS ROUTE 19)

SECTION — COUNTY DuPAGE
PROJECT — JOB NO. R-91-020-08
STATION 99+99.50 — TO STATION 110+00
SCALE: 1"=30' — SHEET 2 OF 6

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

SOO LINE RAILROAD (Chicago, Milwaukee and St. Paul Railroad)
Existing Railroad R.O.W. Line
514.93'(515.6') S75°03'20"E
Found Old 1/2" Iron Pipe 18.52' S'ly.
S. Line SW 1/4 Sec. 1-40-10
2711.77' N86°39'04"E
N. Line NW 1/4 Sec. 12-40-10
E. Line SE 1/4 Sec. 2-40-10
W. Line SW 1/4 Sec. 1-40-10
E. Line NE 1/4 Sec. 11-40-10
W. Line NW 1/4 Sec. 12-40-10
1 Story
1 & 2 Story Masonry & Marble Temple
Overhang
2 Story Covered Entrance
Cantilever
352.70' -405.74'(406.2')- N15°13'18"E
S0°24'30"W 64.60'
M-1
P.O.C. 1GU0001T.E.-B
Found Remains of Harrison Ferro-Magnetic Survey Monument
Existing R.O.W. Line as Order Vesting Title Case No. 79 ED 20 N71°07'37"W
Existing R.O.W. Line as Order Vesting Title Case No. 79 ED 21 S71°07'37"E 156.44'(155.6')
Existing P.O.T. Sta. 99+99.50
50.00'
389.70' S71°35'27"E
N15°13'18"E 53.04'
Sta. 103+84.07 49.51' Lt. Found 3/4" Iron Pipe 1.05' E'ly.
Existing ℄ Pavement Illinois Route 19 S70°57'26"E 528.47'
Sta. 105+40.54 49.96' Lt.
Existing P.C. #1 Sta. 105+27.97 105+00
Sta. 105+40.65 0.04' Rt.
Sta. 105+40.76 50.04' Rt.
F.A.U. 1321
℄ R.O.W. Illinois Route 19 N71°07'37"W
Existing R.O.W. Line as Doc. R79-86250 N71°07'37"W -444.33'
-267.1'(267.2')- N0°24'30"E
E. Line NE 1/4 Sec. 11-40-10
W. Line NW 1/4 Sec. 12-40-10
OWNERS' ASSESSMENT PLAT NO. 2
Recorded September 12, 1925 as Document No. 199481
Lot 1
545.39'(±543.9') -935.09'(935.2')- N71°35'27"W
N'ly. Line Lot 1 (℄ Irving Park Boulevard)
IRVING PARK BOULEVARD
Existing R.O.W. Line as Doc. R79-86250 R=17238.20' -A=414.90'
Existing R.O.W. Line as Order Vesting Title Case No. 79 ED 21 P.O.B. 1GU0001T.E.-B Sta. 107+70.00 50.43' Lt.
Δ=0°45'53" Ch. Br. S71°30'34"E Ch.=228.77' R=17138.20' -A=228.77'
-A=385.37'(A=385.3')-
Sta. 107+70.00 60.00' Lt. N18°13'00"E 9.57'
Proposed Temporary Easement Line Δ=0°31'57" Ch. Br. S72°02'58"E Ch.=155.49' R=16728.08' A=155.49' 1GU0001T.E.-B A=156.60' R=17138.20' Ch.=156.60' Ch. Br. N72°09'13"W Δ=0°31'25"
Existing ℄ Pavement Illinois Route 19 R=16788.08' R=16788.08' -A=1218.15'-
Existing R.O.W. Line as Doc. R79-86250 R=17238.20' -A=414.90'
Electric Control Box with Meter on Concrete Base
Vent Pipe
Lift Station
Bit. Drive
Sta. 109+27.08 50.71' Lt.
Sta. 109+27.42 47.61' Lt.
Sta. 109+32.95 2.27' Rt.
℄ R.O.W. Illinois Route 19 R=17188.20'
-734.65'(734.9')- N73°42'13"W
Existing R.O.W. Line as Doc. 214952
-130.97'(131.4')- S73°42'13"E
Sta. 109+26.04 60.00' Lt. S11°21'28"W 9.34'
S11°21'28"W -439.55'(440.2')- 386.20'
PERCY WILSON'S IRVING PARK COUNTRY CLUB SUBDIVISION
Recorded June 5, 1926 as Document No. 214952
Block 6
Alley
20.00'
(44.0') (50') (149.1') (50') (146.1') (50') (143.1') (50') (140.1') (38.9') (25') (25') (125.3') (125') (125') (125') (125') (31.4') (25') (25') (131.4')
1 2 3 4 5 10 9 8 7
SEE SHEET 3
MADE BY
REVISION DATE November 24, 2008
REVISION Deleted Parcel 1GU0001T.E.-A

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1GU0001T.E.-B	International Swaminarayan Satsang Organization, a not-for-profit corporation	4.483	N/A	N/A	4.483	B=0.034	Construction Purposes	02-12-101-017	

M-1
"Monument Record"
Northeast Corner of Section 11-40-10
N.1,934,406.927 - E.1,060,888.200
Recorded June 10, 2008
Document No. R2008-093227

ROUTE F.A.U. 1321 (ILLINOIS ROUTE 19) SECTION COUNTY DuPAGE JOB NO. R-91-020-08 RECORDING: RECORDED ON AS DOCUMENT NO.

PART OF THE NW 1/4 OF SEC. 12, TWP. 40 N., R. 10 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
109+27.08	50.71' Lt.	1,934,099.286	1,061,785.477
109+27.42	47.61' Lt.	1,934,096.228	1,061,784.863
109+32.95	2.27' Rt.	1,934,047.024	1,061,774.979
109+54.36	1.77' Rt.	1,934,041.012	1,061,795.544
109+54.41	32.24' Rt.	1,934,011.952	1,061,786.385
109+54.42	38.00' Rt.	1,934,006.460	1,061,784.654
109+54.44	49.24' Rt.	1,933,995.738	1,061,781.275

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
110+49.89	38.00' Rt.	1,933,977.809	1,061,875.943
110+49.90	32.09' Rt.	1,933,983.446	1,061,877.713
110+58.75	50.26' Lt.	1,934,059.476	1,061,910.574
110+99.47	50.00' Rt.	1,933,951.663	1,061,919.893
110+99.62	32.02' Rt.	1,933,968.806	1,061,925.321
111+24.96	51.21' Lt.	1,934,040.951	1,061,973.941

Schedule of Ties		
Point Number □	Tie to point	Tie Distance (feet)
1	T1	32.95
	T2	45.74
	T3	59.00
2	T1	31.50
	T2	22.23
	T3	33.05
3	T1	35.75
	T2	28.12
	T3	37.60

LEGEND

- SECTION CORNER (9 10 / 16 15)
- QUARTER SECTION CORNER (16 — 15)
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- ℄ PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 120.32' MEASURED DIMENSION
- 129.32'(Comp.) COMPUTED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDING

N

1

0 20' 40'

SCALE: 1"=20'

Bearings are referenced to the Illinois State Plane Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- O IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ● T1, T2, T3 ***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.
- ● BT1, BT2, BT3 ***THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.*** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE 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.

STATE OF ILLINOIS } SS
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 40N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 9th DAY OF June 2008 A.D.

Christian H. Jorgensen —PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

CHRISTIAN H. JORGENSEN 2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS LAKE VILLA, ILLINOIS

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
1GU0004	R79-86250	September 24, 1979
----	214952	June 5, 1926
----	79 ED 21	*October 15, 1979

* Date Filed

RECEIVED
NOV 26 2008
PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1GU0004P.E. 1GU0004T.E.	Medinah Country Club, an Illinois Not for Profit Corporation	129.425*	N/A	N/A	129.425*	P.E.=0.013 T.E.=0.045	N/A N/A	Highway Purposes Grading	02-12-107-003	

* Area based on that part of Lot 1 lying in the NW 1/4 of Sec. 12-40-10.

OWNERS' ASSESSMENT PLAT NO. 2
Recorded September 12, 1925
as Document No. 199481
Lot 1

See Sheet 5 for Total Holdings Parcel 1GU0004P.E. & 1GU0004T.E.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1321 (ILLINOIS ROUTE 19)

SECTION — COUNTY DuPAGE
PROJECT — JOB NO. R-91-020-08
STATION 108+00 TO STATION 112+00
SCALE: 1"=20' — SHEET 3 OF 6

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

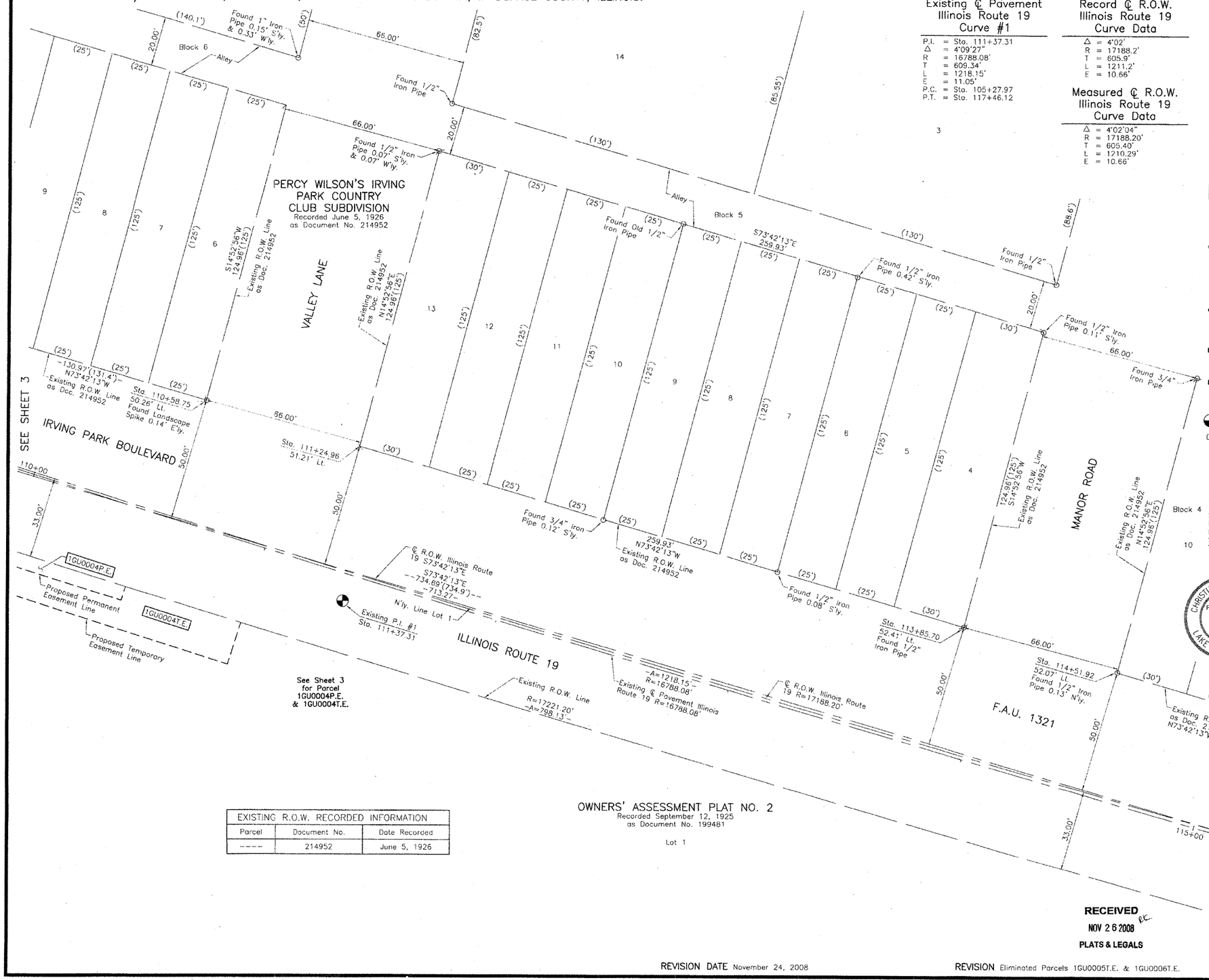
REVISION DATE November 24, 2008

REVISION Eliminated Parcels 1GU0002T.E. & 1GU0003T.E. MADE BY

ROUTE F.A.U. 1321 (ILLINOIS ROUTE 19) SECTION COUNTY DuPAGE JOB NO. R-91-020-08 RECORDING: RECORDED ON AS DOCUMENT NO.

p.28

PART OF THE NW 1/4 OF SEC. 12, TWP. 40 N., R. 10 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.



Existing ℄ Pavement Illinois Route 19 Curve #1

P.I.	= Sta. 111+37.31
Δ	= 4°09'27"
R	= 16788.08'
T	= 609.34'
L	= 1218.15'
E	= 11.05'
P.C.	= Sta. 105+27.97
P.T.	= Sta. 117+46.12

Record ℄ R.O.W. Illinois Route 19 Curve Data

Δ	= 4°02'
R	= 17188.2'
T	= 605.9'
L	= 1211.2'
E	= 10.66'

Measured ℄ R.O.W. Illinois Route 19 Curve Data

Δ	= 4°02'04"
R	= 17188.20'
T	= 605.40'
L	= 1210.29'
E	= 10.66'

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
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
120.32' MEASURED DIMENSION
129.32'(Comp.) COMPUTED DIMENSION
( ) RECORD DATA

EXISTING BUILDING

N

0 20' 40'
SCALE: 1"=20'

Bearings are referenced to the Illinois State Plane Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

○	IRON PIPE OR ROD FOUND	⊕	"MAG" NAIL SET
+	CUT CROSS FOUND OR SET	●	5/8" REBAR SET
● T1 T2 T3	**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.		
● BT1 BT2 BT3	**THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE 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.		

STATE OF ILLINOIS }
}SS
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 40N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 9th DAY OF June 20 08 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

CHRISTIAN H. JORGENSEN 2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS LAKE VILLA, ILLINOIS

NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
110+58.75	50.26' Lt.	1,934,059.476	1,061,910.574
111+24.96	51.21' Lt.	1,934,040.951	1,061,973.941
113+05.47	52.47' Lt.	1,933,990.456	1,062,146.661
113+85.70	52.41' Lt.	1,933,968.014	1,062,223.425
114+51.92	52.07' Lt.	1,933,949.489	1,062,286.793

EXISTING R.O.W. RECORDED INFORMATION		
Parcel	Document No.	Date Recorded
-----	214952	June 5, 1926

OWNERS' ASSESSMENT PLAT NO. 2
Recorded September 12, 1925
as Document No. 199481
Lot 1

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

RECEIVED
NOV 26 2008
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1321 (ILLINOIS ROUTE 19)

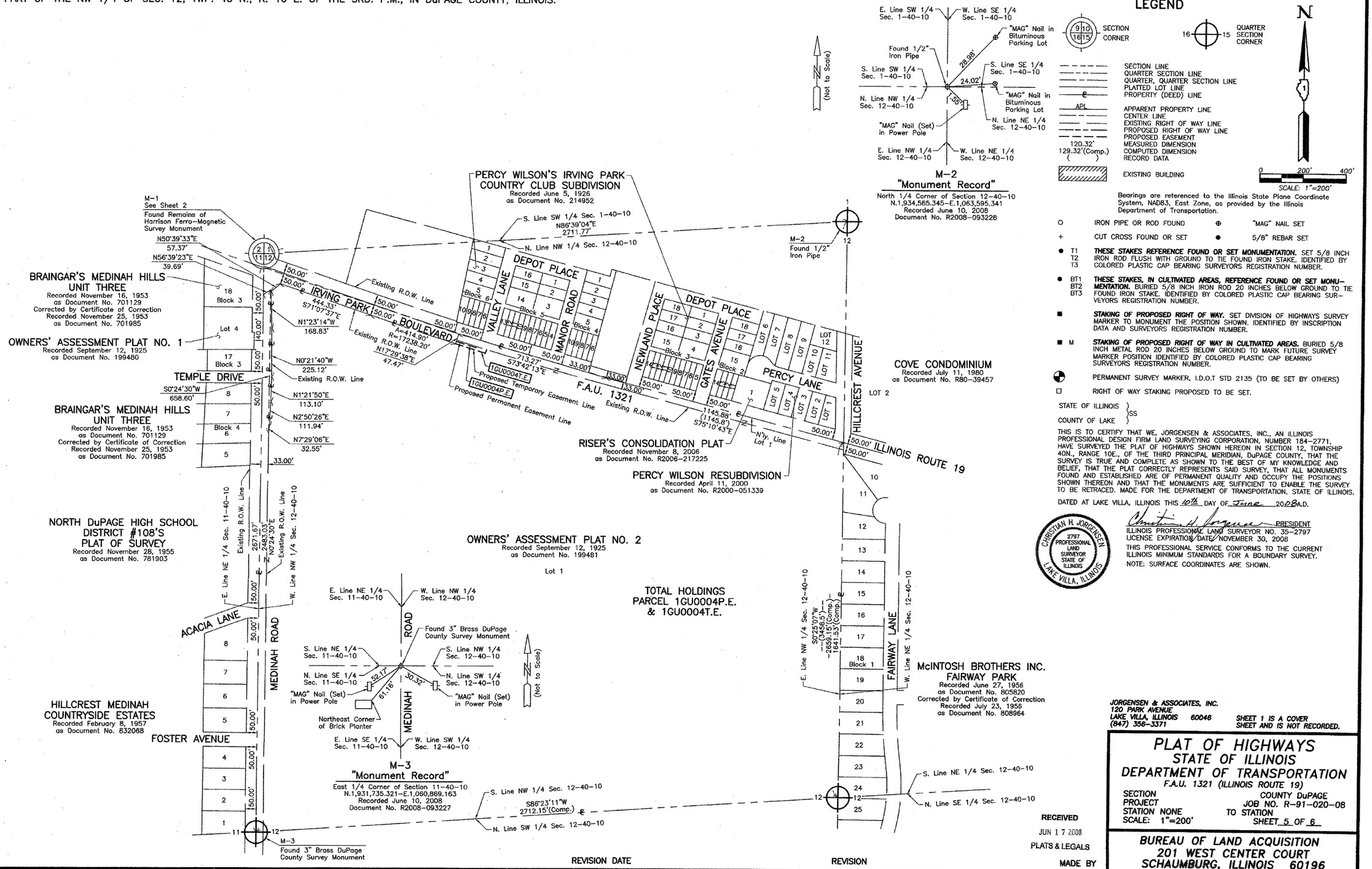
SECTION COUNTY DuPAGE
PROJECT JOB NO. R-91-020-08
STATION 110+00 TO STATION 115+00
SCALE: 1"=20' SHEET 4 OF 6

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

REVISION DATE November 24, 2008 REVISION Eliminated Parcels 1GU0005T.E. & 1GU0006T.E. MADE BY

ROUTE F.A.U. 1321 (ILLINOIS ROUTE 19) SECTION COUNTY DuPAGE JOB NO. R-91-020-08 RECORDING: RECORDED ON AS DOCUMENT NO.

PART OF THE NW 1/4 OF SEC. 12, TWP. 40 N., R. 10 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.



Bearings are referenced to the Illinois State Plane Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ● T1, T2, T3 **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.
- ● BT1, BT2, BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE 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.

STATE OF ILLINOIS } SS
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 40N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 10th DAY OF June 2008 A.D.

CHRISTIAN H. JORGENSEN 2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS LAKE VILLA, ILLINOIS

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
NOTE: SURFACE COORDINATES ARE SHOWN.

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1321 (ILLINOIS ROUTE 19)

SECTION — COUNTY DuPAGE
PROJECT — JOB NO. R-91-020-08
STATION NONE — TO STATION
SCALE: 1"=200' — SHEET 5 OF 6

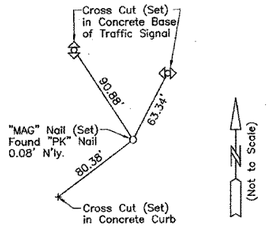
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

RECEIVED
JUN 17 2008
PLATS & LEGALS

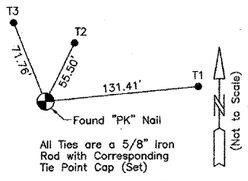
REVISION DATE | REVISION | MADE BY

ROUTE F.A.U. 1321 (ILLINOIS ROUTE 19) | SECTION | COUNTY DuPAGE | JOB NO. R-91-020-08 | RECORDING: RECORDED ON | AS DOCUMENT NO.

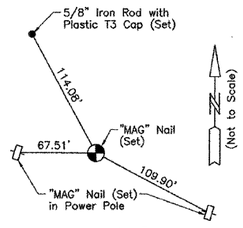
PART OF THE NW 1/4 OF SEC. 12, TWP. 40 N., R. 10 E. OF THE 3RD. P.M., IN DuPAGE COUNTY, ILLINOIS.



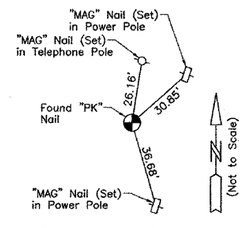
Existing P.O.T.
Illinois Route 19
Sta. 99+99.50
N.1,934,349.114–E.1,060,891.746



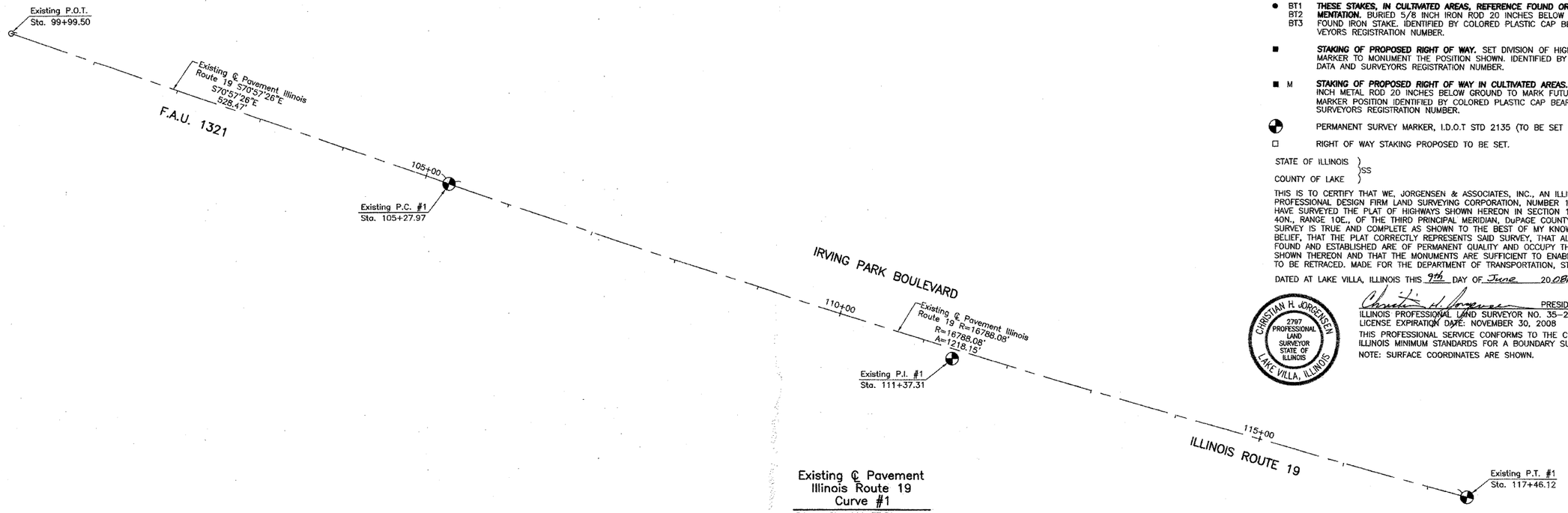
Existing P.C. #1
Illinois Route 19
Sta. 105+27.97
N.1,934,176.689–E.1,061,391.296



Existing P.I. #1
Illinois Route 19
Sta. 111+37.31
N.1,933,977.876–E.1,061,967.294



Existing P.T. #1
Illinois Route 19
Sta. 117+46.12
N.1,933,821.345–E.1,062,556.190



Existing ℄ Pavement Illinois Route 19 Curve #1

P.I. = Sta. 111+37.31
Δ = 4°09'27"
R = 16788.08'
T = 609.34'
L = 1218.15'
E = 11.05'
P.C. = Sta. 105+27.97
P.T. = Sta. 117+46.12

LEGEND

SECTION CORNER (9 10 16 15)
QUARTER SECTION CORNER (16 15)

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- 120.32' MEASURED DIMENSION
- 129.32'(Comp.) COMPUTED DIMENSION
- ( ) RECORD DATA
- EXISTING BUILDING

N

0 60' 120'
SCALE: 1"=60'

Bearings are referenced to the Illinois State Plane Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5/8" REBAR SET
- ● T1, T2, T3 — ***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.
- ● BT1, BT2, BT3 — ***THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.*** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE 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.

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184–2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 40N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, DuPAGE 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. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 9th DAY OF June 20 08 A.D.

CHRISTIAN H. JORGENSEN 2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS LAKE VILLA, ILLINOIS

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35–2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
NOTE: SURFACE COORDINATES ARE SHOWN.

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356–3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1321 (ILLINOIS ROUTE 19)

SECTION — COUNTY DuPAGE
PROJECT — JOB NO. R–91–020–08
STATION 99+99.50 TO STATION 117+46.12
SCALE: 1"=60' — SHEET 6 OF 6

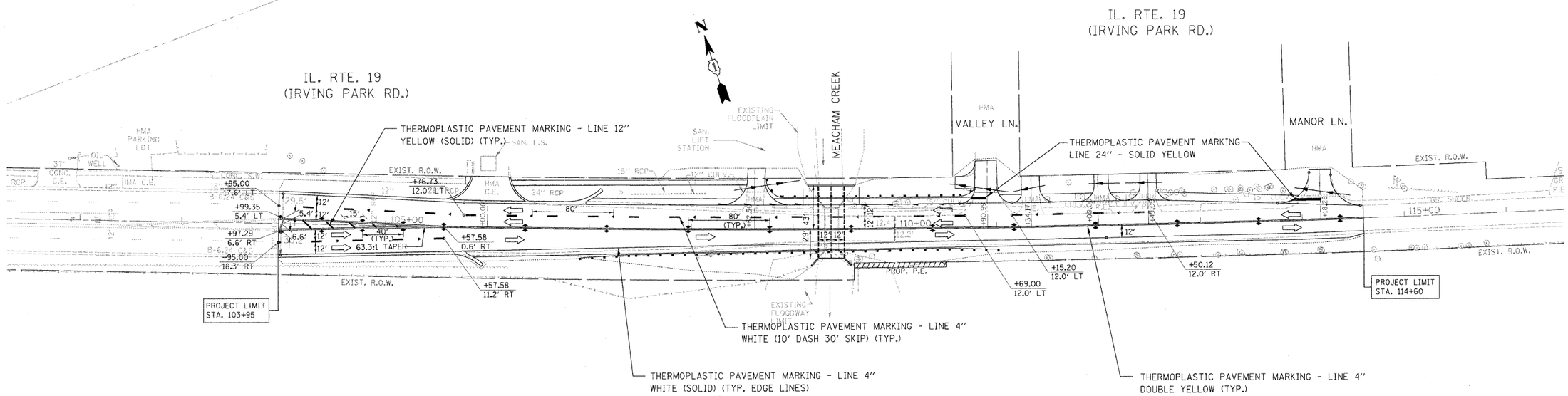
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

RECEIVED
JUN 17 2008
PLATS & LEGALS
MADE BY

REVISION DATE — REVISION

ROUTE F.A.U. 1321 (ILLINOIS ROUTE 19) — SECTION — COUNTY DuPAGE — JOB NO. R–91–020–08 — RECORDING: RECORDED ON — AS DOCUMENT NO.

p.81

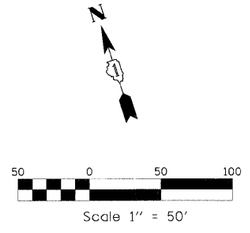


LEGEND

◄ ONE-WAY AMBER MARKER

◆ TWO-WAY AMBER MARKER

NOTE: PROPOSED PAVEMENT MARKINGS AND MARKERS SHALL CONFORM TO DISTRICT STANDARDS TC11 & TC13.



FILE NAME = ...\Phase Two\D160A90-sht-pmk.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - DMM	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1" = 50' | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	32
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

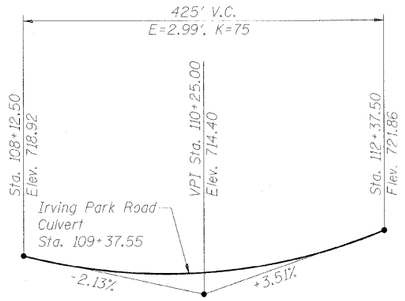
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Bench Mark: "X" cut on top of arrow bolt of Fire Hydrant on NE quadrant of intersection Irving Park Road and Valley Lane, Elevation 718.82.

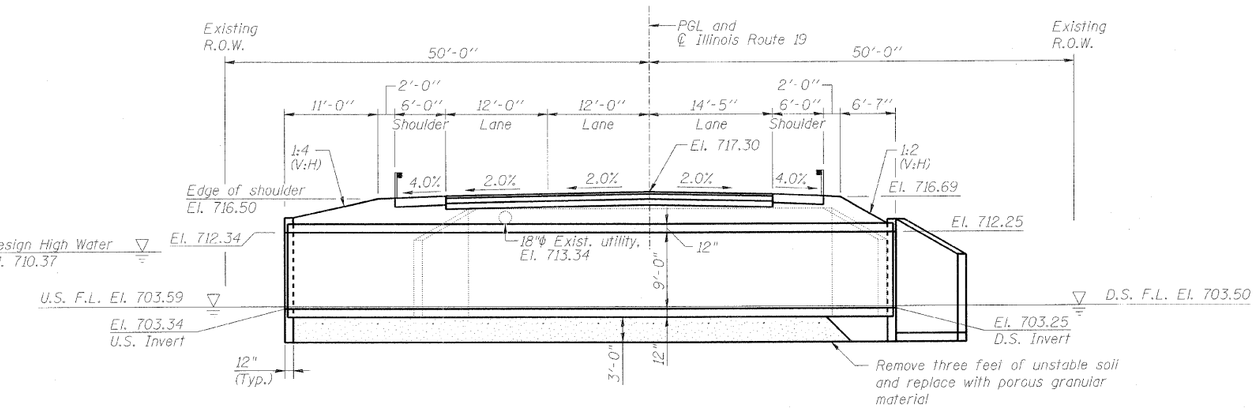
Existing Structure:
Structure Number 022-3053, was built in 1930 and carries Illinois Route 19 (Irving Park Road) over Meacham Creek. The 14-foot single span concrete bridge measures 42'-8 3/8" out-to-out and 16'-0" long.

Traffic to be detoured during construction of culvert and staged for roadway construction.

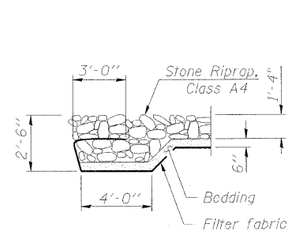
No Salvage.



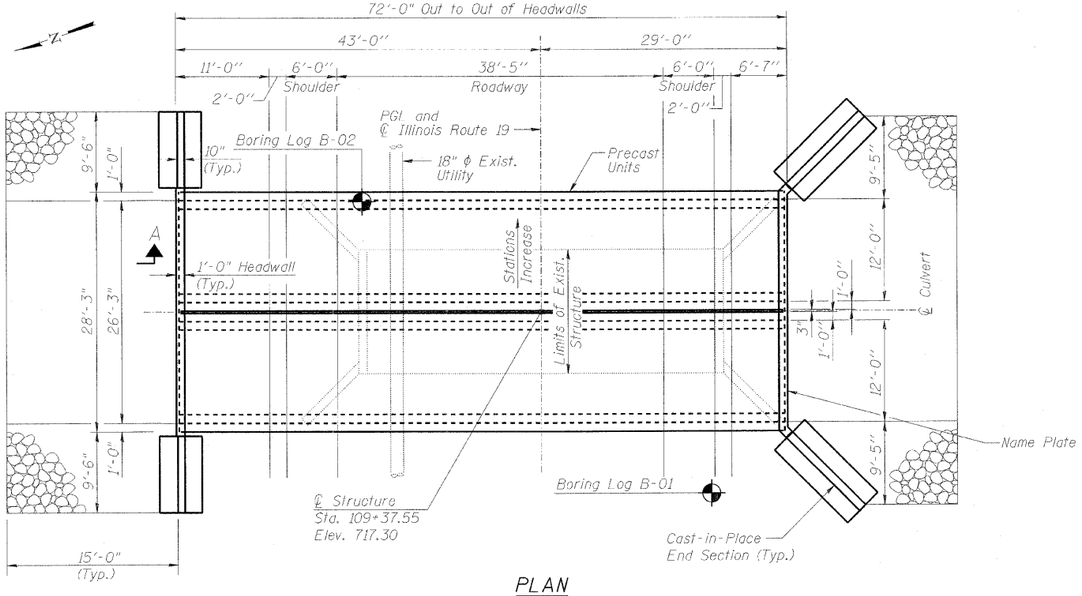
PROFILE GRADE
(Along ℄ IL Rte. 19)



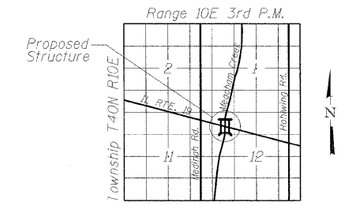
LONGITUDINAL SECTION
(LOOKING EAST)



SECTION A-A



PLAN



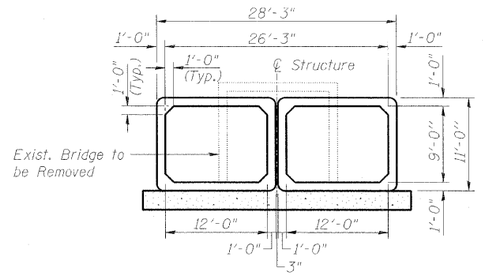
LOCATION SKETCH

DESIGN SPECIFICATIONS
2002 AASHTO Standard Specifications for Highway Bridges 17th Edition

LOADING HS-20
Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi

PRECAST UNITS
f'c = 5,000 psi
fy = 65,000 psi (Welded wire fabric)
fy = 60,000 psi



SECTION THRU DOUBLE BOX CULVERT

STATE OF ILLINOIS
LUIS D. BENITEZ
062-006415
LICENSED STRUCTURAL ENGINEER
7/31/08

COLLINS ENGINEERS, INC.
LUIS D. BENITEZ, P.E., S.E.
NO. 81-006415
EXP.: 11/30/2010

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

WATERWAY INFORMATION

Drainage Area = 4.05 Sq. Mi. Low Grade Elev. 717.7 @ Sta. 1763' (CBBEL IL 19)

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	165	62.69	150.99	709.63	0.12	0.02	709.75	709.65
Design	50	247	71.60	168.80	710.37	0.24	0.03	710.61	710.40
Base	100	283	74.50	174.60	710.62	0.30	0.05	710.92	711.67
Overtopping	> 500								
Max. Calc.	500	374.3	81.33	188.25	711.18	0.48	0.03	711.66	711.21

Notes:
For General Notes and Total Bill of Material see sheet S2 of S9.

For Box Culvert Layout see sheet S3 of S9.

For Guardrail Details see civil drawings.

For Sideslopes refer to the Proposed Plan and Profile and Cross Section sheets.

Legend:
D.S.= Down Stream
U.S.= Up Stream
F.L.= Flow Line

GENERAL PLAN

COLLINS ENGINEERS INC	SHEET NO. S1 OF S9 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DESIGNED: LDB / CHECKED: JMH		1321	31T-2	DuPAGE	59	33
DATE: 11/25/08 / DRAWN: DR			SN: 022-2005		CONTRACT NO. 60A90	
		FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES:

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.

All reinforcement bars shall be epoxy coated.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

The Contractor shall make his own investigation to determine the existence, nature, and exact location of all utility lines and appurtenances within the limits of the rehabilitation. The cost of this work will be considered incidental to the contract.

Pay item and details for the Steel Plate Beam Guardrail is included in the Roadway Plans.

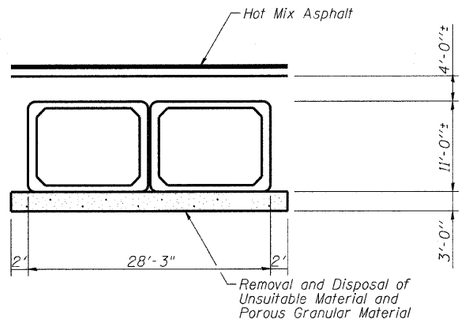
The Precast Concrete Box Culvert shall conform to all AASHTO M259 requirements.

The Proposed Culverts shall be constructed during an assigned two week detour. Refer to the special provisions for more information and requirements. Refer to the Civil Plans for details.

INDEX OF STRUCTURAL DRAWINGS

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures	Each	1
Name Plates	Each	1
Precast Concrete Box Culvert 12' X 9'	Foot	142.7
Box Culvert End Sections	Each	2
Stone Riprap, Class A4	Sq. Yd.	140
Filter Fabric	Sq. Yd.	183
Removal and Disposal of Unsuitable Material	Cu. Yd.	273



BACKFILL DETAILS

BACKFILL NOTES:

Place porous granular material underneath the box culverts to the limits shown on the plans or as directed by the Engineer. The cost for this work shall be included in the cost for the pay item "Precast Concrete Box Culvert 12' X 9'". See Section 540 of the Standard Specifications. Removal and Disposal of Unsuitable Material shall be measured for payment in its original position and the volume computed in cubic yards. Horizontal dimensions will not extend beyond vertical planes 2 feet outside the edges of the culvert.

STATION 109+37.55
BUILT BY
STATE OF ILLINOIS
FAU 1321 SEC. 31T-2
LOADING HS-20
STRUCTURE NO. 022-2005

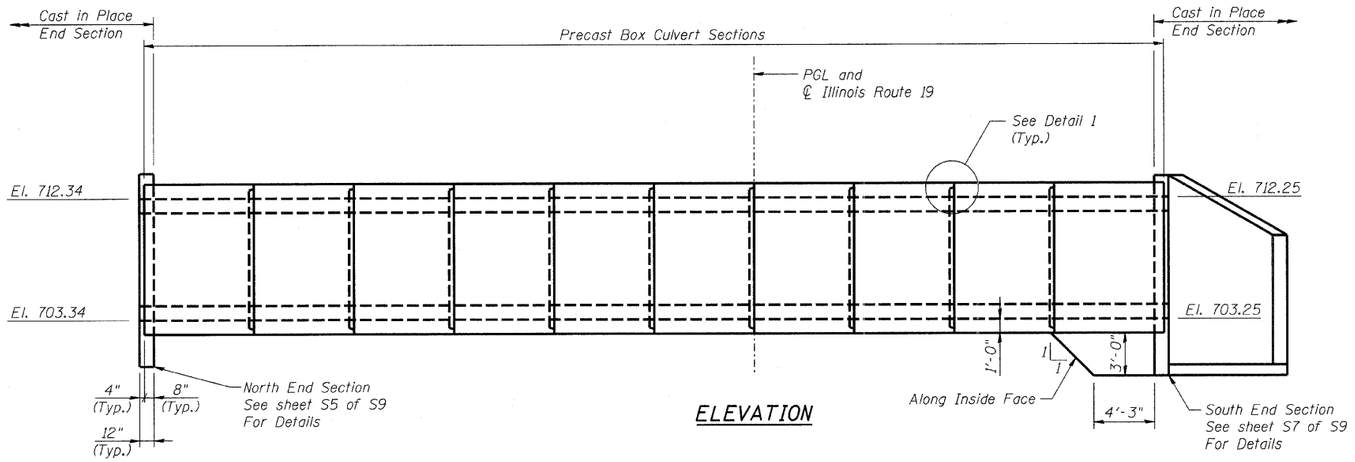
NAME PLATE

See Std. 515001

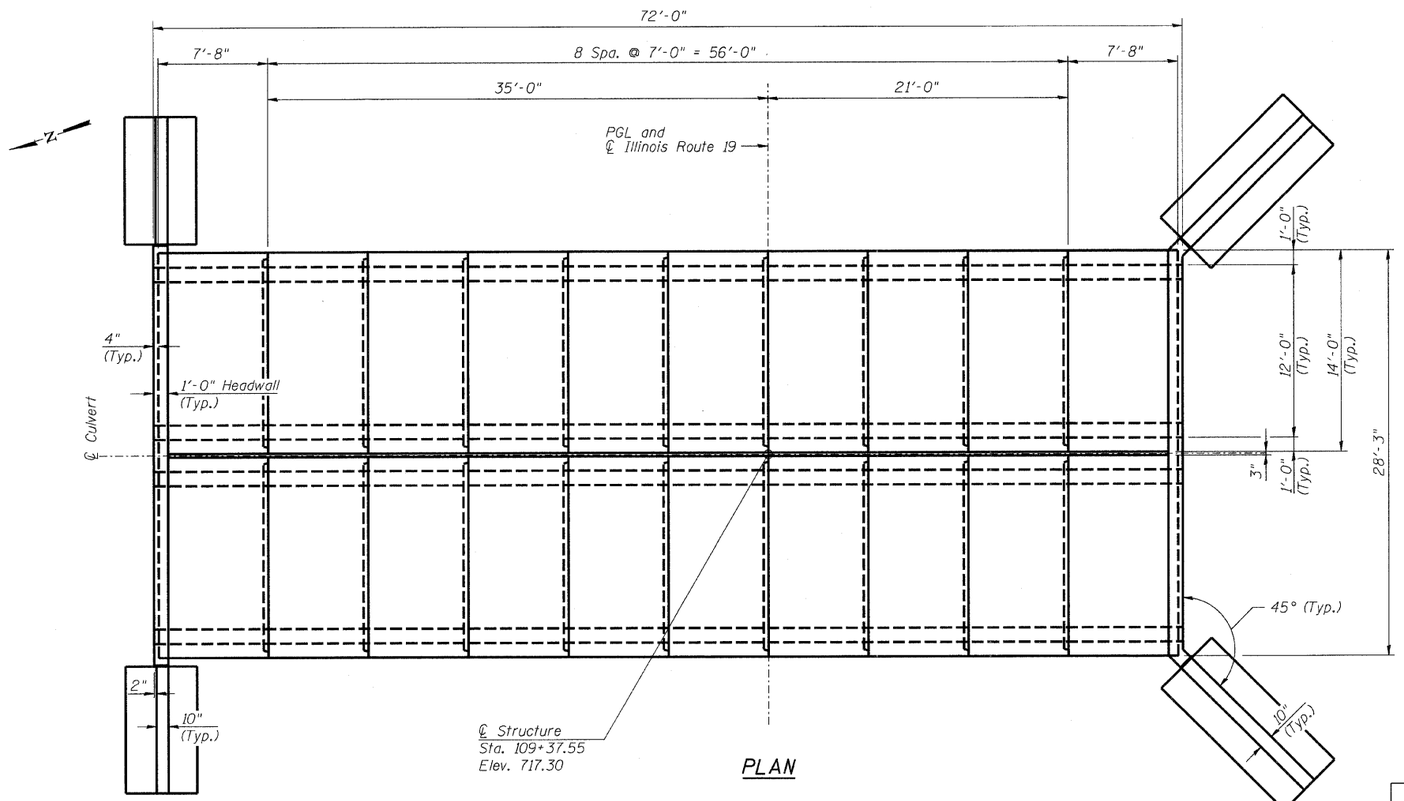
GENERAL NOTES AND BILL OF MATERIALS

COLLINS ENGINEERS INC		SHEET NO. S2 OF S9 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
DESIGNED: LDB	CHECKED: JMH		1321	31T-2	DuPAGE	59 / 34
DATE: 11/25/08	DRAWN: DR		SN: 022-2005		CONTRACT NO. 60A90	
			FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	

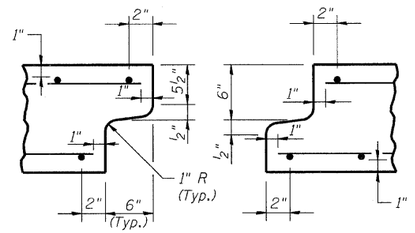
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN



DETAIL 1

End Detail is subject to variation by fabricator.

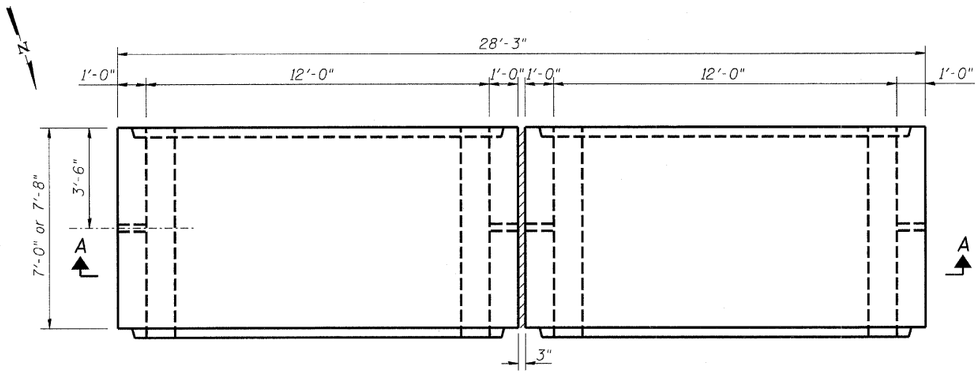
NOTE:
Precast Culvert End Details shall have a vertical blunt end (not a "Keyed" end as shown in Detail 1) at the Cast-in-Place End Section Locations only.

NOTES:
For Typical Box Culvert Details see sheet S4 of S9.

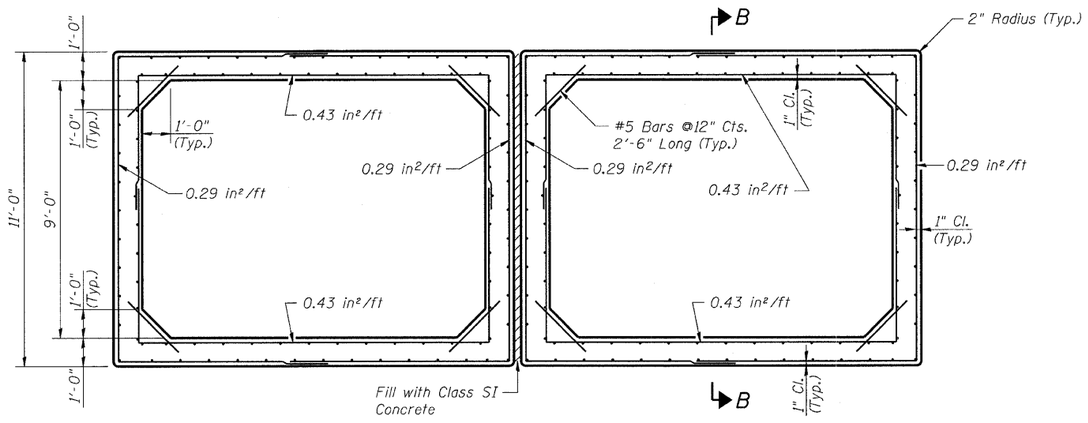
BOX CULVERTS LAYOUT

COLLINS ENGINEERS INC		SHEET NO. S3 OF S9 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DESIGNED: LDB	CHECKED: JMH		1321	31T-2	DuPAGE	59	35
DATE: 11/25/08	DRAWN: DR		SN: 022-2005		CONTRACT NO. 60A90		
			FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

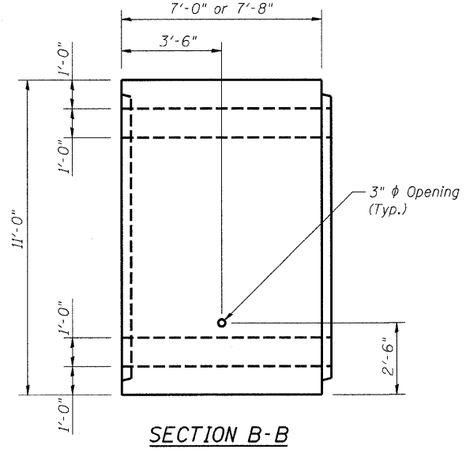
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



TYPICAL SEGMENT PLAN VIEW



SECTION A-A

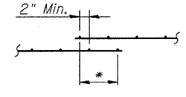


SECTION B-B

NOTES:
For Box Culvert Layout see sheet S3 of S9.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Precast Concrete Box Culvert 12' X 9'	Foot	142.7



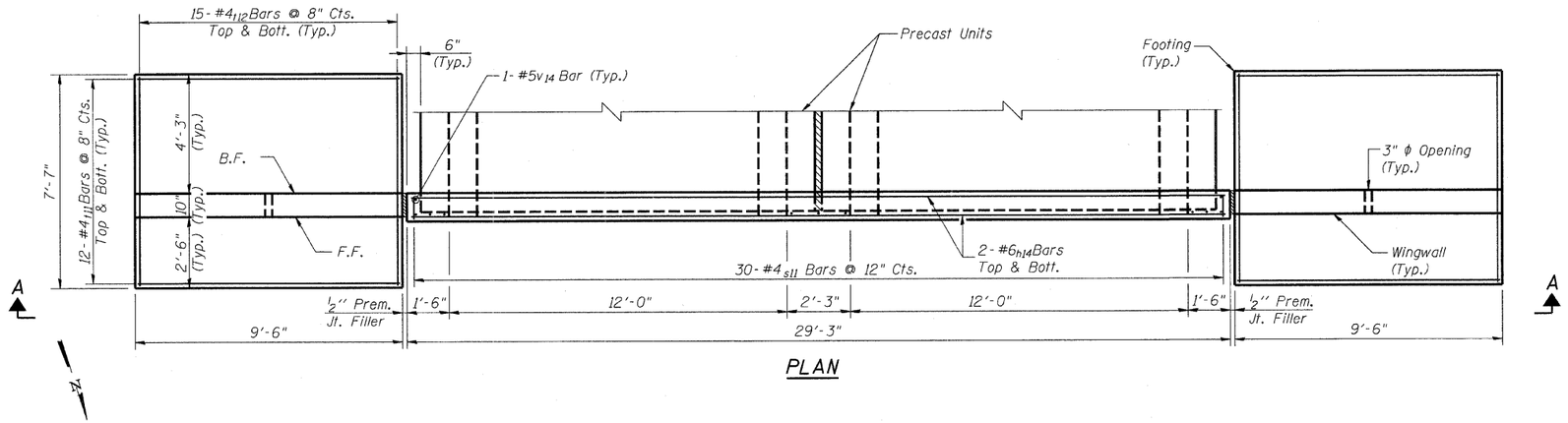
TYPICAL FABRIC LAP

* Lap length varies with Contractor selected welded wire reinforcement, and to be approved by the Engineer.

TYPICAL BOX CULVERT DETAILS

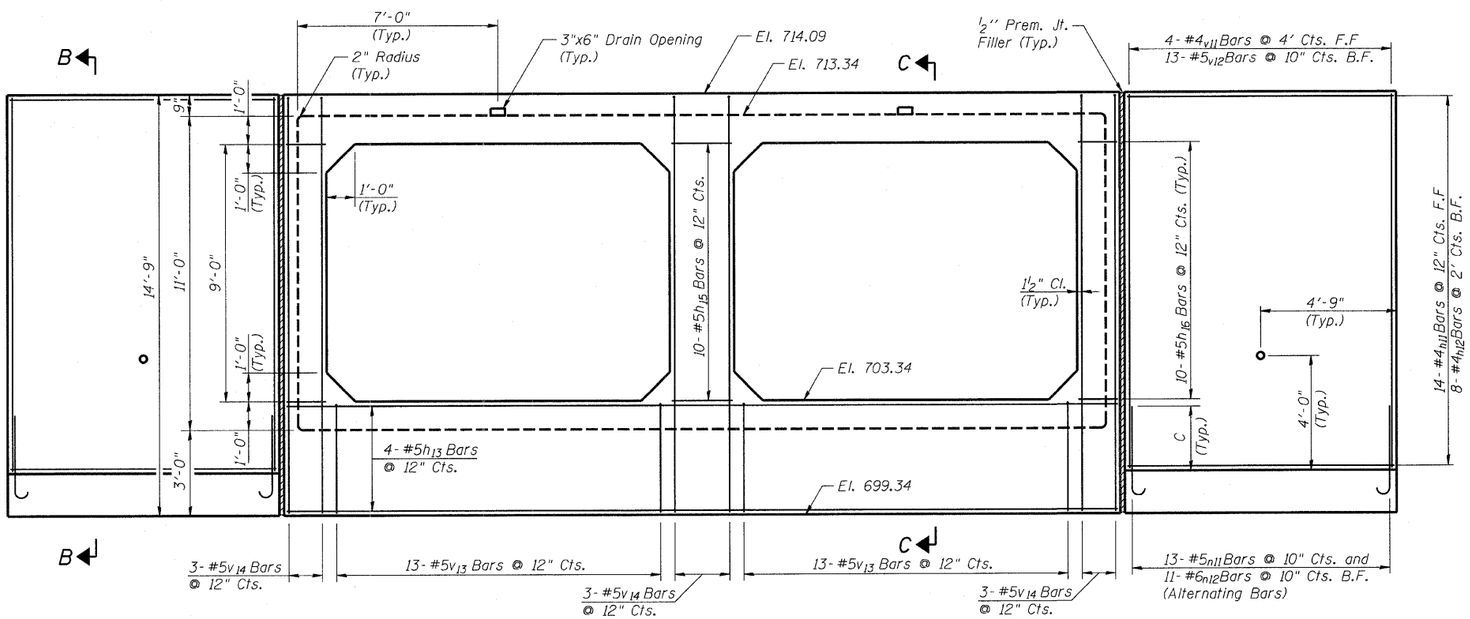
COLLINS ENGINEERS INC		SHEET NO. S4 OF S9 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
DESIGNED: LDB	CHECKED: JMH		1321	31T-2	DuPAGE	59 / 36
DATE: 11/25/08	DRAWN: DR		SN: 022-2005		CONTRACT NO. 60A90	
			FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

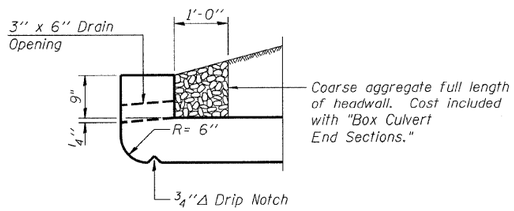


PLAN

Note:
For Box Culverts Layout see sheet S3 of S9.
Wingwall Reinforcement is symmetrical.



SECTION A-A



UPSTREAM END DRAIN DETAIL

Legend:
B.F. = Back Face
F.F. = Front Face

MINIMUM BAR LAPS

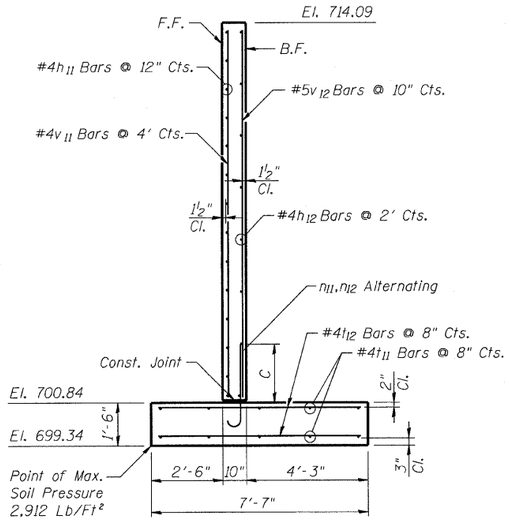
#4 Bar = 1'-8"
#5 Bar = 2'-2"
#6 Bar = 2'-7"

NORTH BOX CULVERT
END SECTION DETAILS I

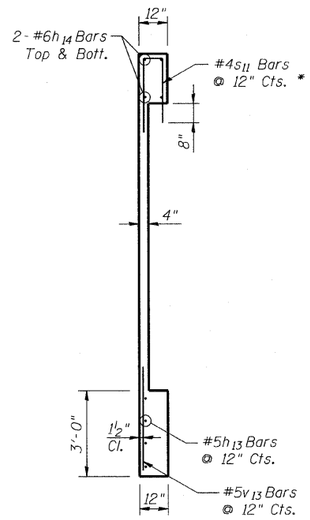
COLLINS ENGINEERS INC		SHEET NO. S5 OF S9 SHEETS	
DESIGNED: LDB	CHECKED: JMH		
DATE: 11/25/08	DRAWN: DR		

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DuPAGE	59	37
	SN: 022-2005	CONTRACT NO. 60A90		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

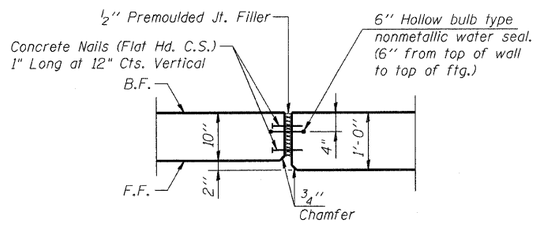
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION B-B



SECTION C-C
Precast Section missing for clarity.



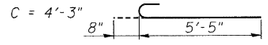
JOINT DETAIL
Cost Included with "Box Culvert End Sections"

* Drill and epoxy grout bars 8 inches into precast box section in accordance with section 584 of the Standard Specifications. Cost included with "Box Culvert End Sections."

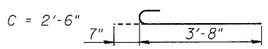
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h_{11}	28	4	9'-3"	——
h_{12}	16	4	9'-3"	——
h_{13}	4	5	29'-0"	——
h_{14}	4	6	29'-0"	——
h_{15}	10	5	2'-0"	——
h_{16}	20	5	1'-3"	——
n_{11}	26	5	6'-1"	⊂——
n_{12}	22	6	4'-3"	⊂——
s_{11}	30	4	3'-6 3/16"	⊓
t_{11}	48	4	9'-3"	——
t_{12}	60	4	7'-4"	——
v_{11}	8	4	13'-0"	——
v_{12}	26	5	13'-0"	——
v_{13}	26	5	3'-9"	——
v_{14}	11	5	14'-6"	——

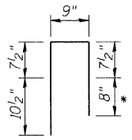
** For information use Only. The items in this Table are not to be paid separately, but are to be included in the cost for the pay item "Box Culvert End Sections."



BAR n_{11}



BAR n_{12}



BAR s_{11}

BILL OF MATERIAL

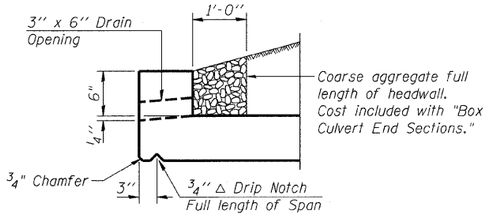
ITEM	UNIT	TOTAL
Box Culvert End Sections	Each	1

NORTH BOX CULVERT
END SECTION DETAILS II

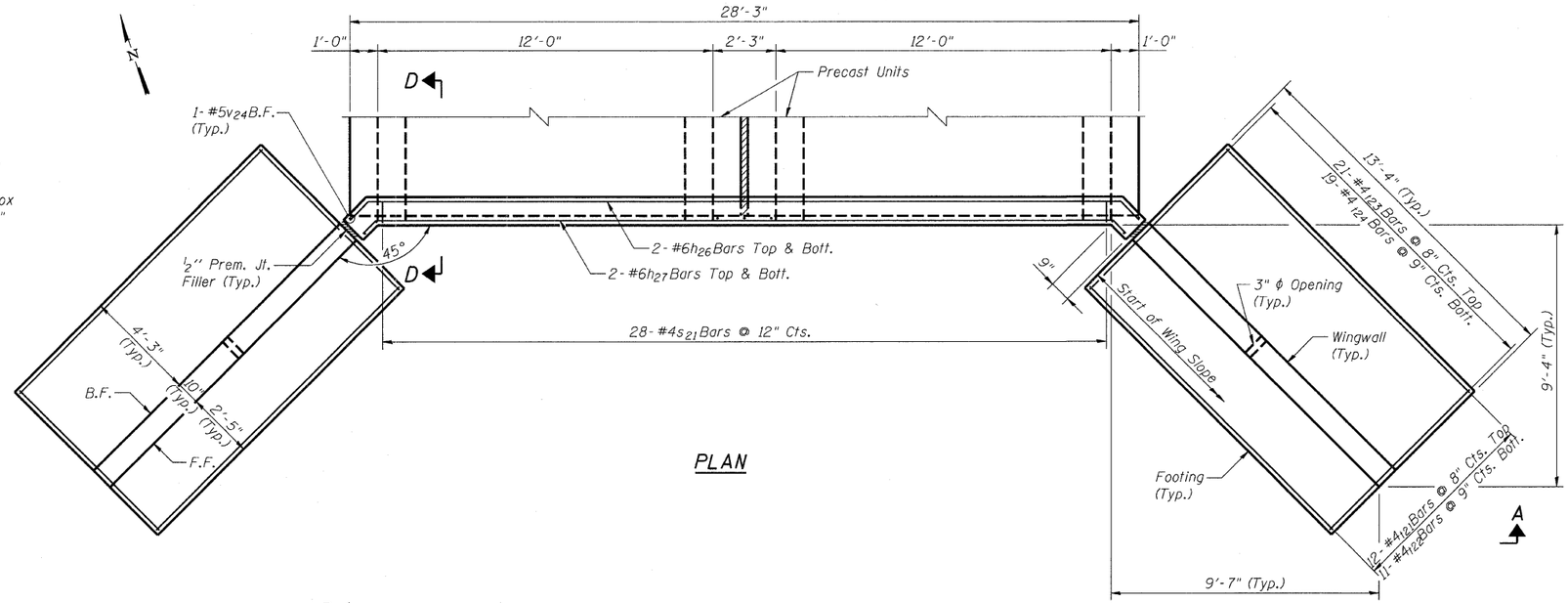
COLLINS ENGINEERS INC	SHEET NO. S6 OF S9 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
DESIGNED: LDB / CHECKED: JMH		1321	31T-2	DuPAGE	59 / 38
DATE: 11/25/08 / DRAWN: DR		SN: 022-2005		CONTRACT NO. 60A90	
		FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

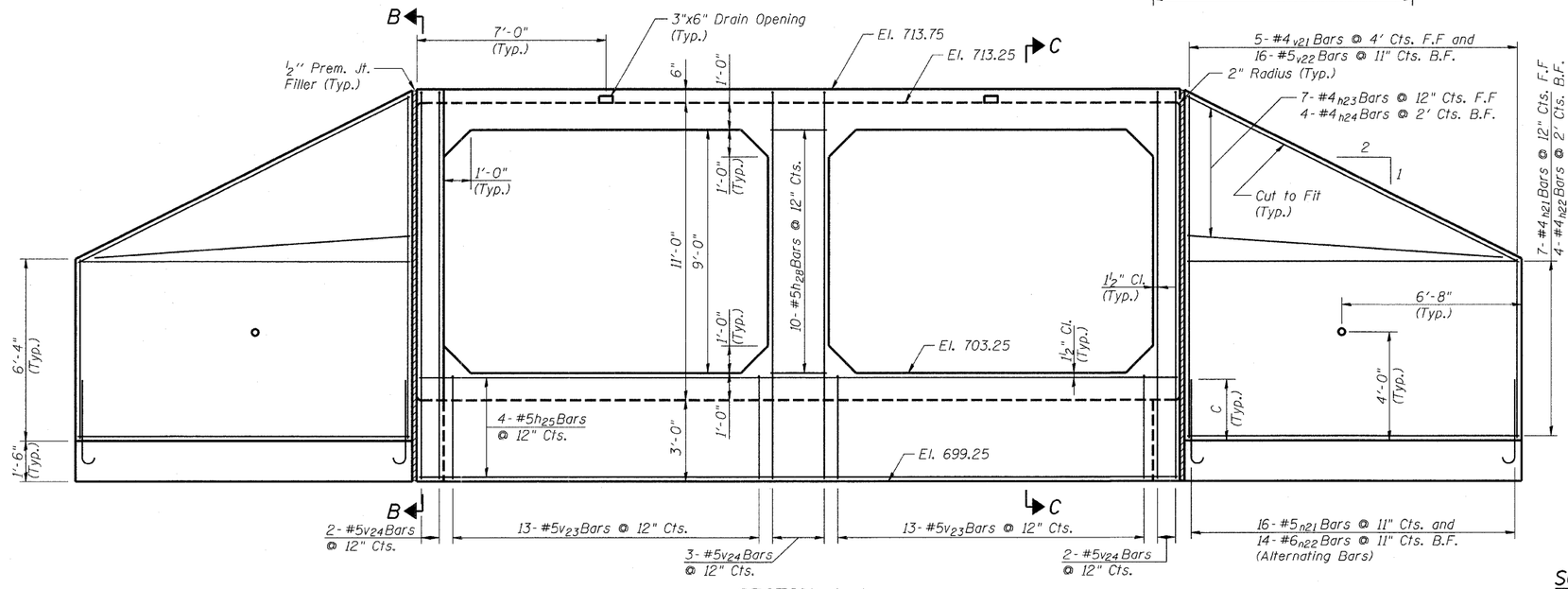
Note:
For Box Culverts Layout see sheet S3 of S9.
Wingwall Reinforcement is symmetrical.



DOWNSTREAM END DRAIN DETAIL



PLAN



SECTION A-A

SOUTH BOX CULVERT
END SECTION DETAILS I

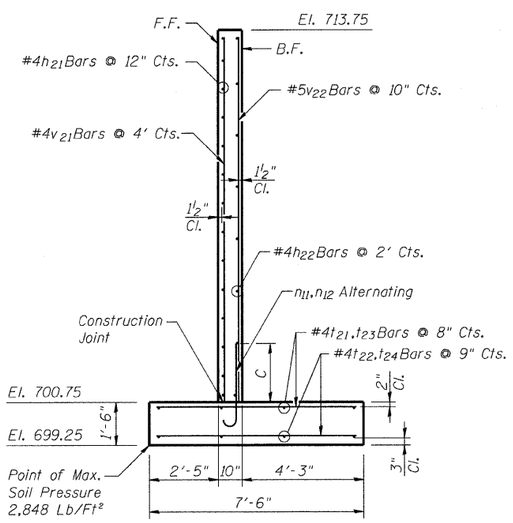
MINIMUM BAR LAPS

#4 Bar = 1'-8"
#5 Bar = 2'-2"
#6 Bar = 2'-7"

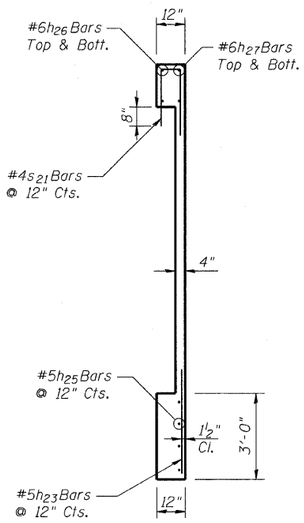
Legend:
B.F. = Back Face
F.F. = Front Face

COLLINS ENGINEERS INC		SHEET NO. S7 OF S9 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DESIGNED: LDB	CHECKED: JMH		1321	31T-2	DuPAGE	59	39
DATE: 11/25/08	DRAWN: DR		SN: 022-2005		CONTRACT NO. 60A90		
			FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

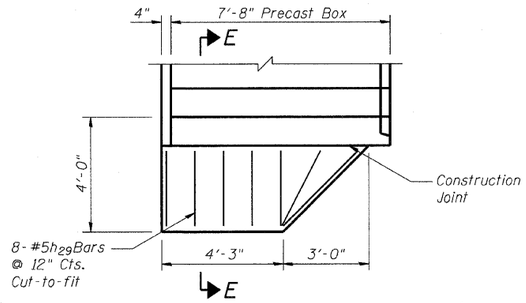
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION B-B

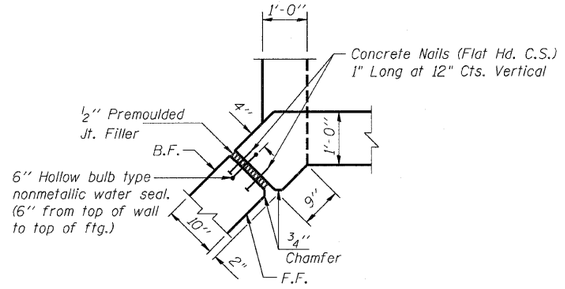


SECTION C-C



SECTION D-D
Cutoff Wall

* Drill and epoxy grout bars 8 inches into precast box section in accordance with section 584 of the Standard Specifications. Cost included with "Box Culvert End Sections."

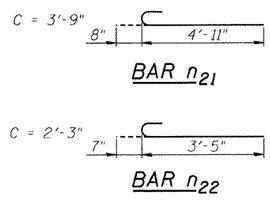


JOINT DETAIL
Cost Included with "Box Culvert End Sections"

BILL OF MATERIAL**

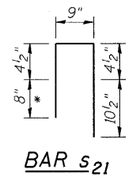
Bar	No.	Size	Length	Shape
h_{21}	14	4	13'-1"	
h_{22}	8	4	13'-1"	
h_{23}	14	4	14'-7"	
h_{24}	8	4	14'-7"	
h_{25}	4	5	27'-8"	
h_{26}	2	6	28'-9"	
h_{27}	2	6	27'-8"	
h_{28}	10	5	2'-0"	
h_{29}	16	5	3'-9"	
n_{21}	32	5	5'-7"	
n_{22}	28	6	4'-0"	
s_{21}	28	4	3'-0½"	
t_{21}	24	4	13'-1"	
t_{22}	22	4	13'-1"	
t_{23}	42	4	7'-3"	
t_{24}	38	4	7'-3"	
v_{21}	5	4	18'-10"	
v_{22}	16	5	18'-10"	
v_{23}	26	5	3'-9"	
v_{24}	9	5	14'-3"	

** For information use Only. The items in this Table are not to be paid separately, but are to be included in the cost for the pay item "Box Culvert End Sections."

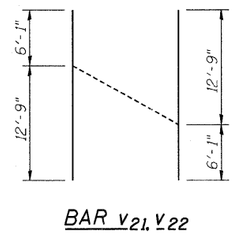


BAR n_{21}

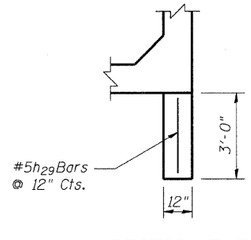
BAR n_{22}



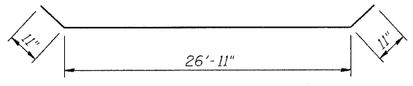
BAR s_{21}



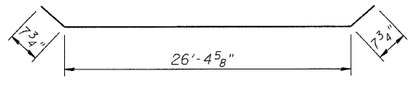
BAR v_{21}, v_{22}



SECTION E-E



BAR h_{26}



BAR h_{25}, h_{27}

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Box Culvert End Sections	Each	1

SOUTH BOX CULVERT
END SECTION DETAILS II

COLLINS ENGINEERS INC		SHEET NO. 58 OF 59 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
DESIGNED: LDB	CHECKED: JMH		1321	31T-2	DuPAGE	59 / 40
DATE: 11/25/08	DRAWN: DR		SN: 022-2005		CONTRACT NO. 60A90	
			FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG B-01

WEI Job No.: 486-01-01

Client: Collins Engineers, Inc.
Project: IDOT D-91-122-06; Section 1977-117-N
Location: Itasca, DuPage County, Illinois

Datum: NGVD
Elevation: 716.50 ft
North: 1934035.23 ft
East: 1061753.50 ft
Station: 109+16.10
Offset: 20.03' RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	716.3	3-inch thick, brown and black SANDY LOAM --TOPSOIL--						
	715.8	Black, SANDY CLAY --FILL--			1	4 3 5	2.87 B	16
	713.8	Very stiff, brown and gray CLAY, with little sand and gravel						
		Medium stiff, black and brown CLAY, trace organic matter	5		2	2 2 2	0.50 P	25
					3	1 2 3	0.74 B	28
	708.8	Medium stiff, black and brown CLAY LOAM with organic matter --LL=56%, PL=33%, Cc=0.391-- --AASHTO A-7-5 (17)--	10		4	PUSH	0.59 S	81
	708.0	Loose to dense, brown and gray SANDY LOAM, with some gravel and clay interbeds			5	3 4 5	NP	11
			15		6	5 5 8	NP	11
					7	4 9 37	NP	19
	698.5	Hard, gray SILTY CLAY LOAM	20		8	6 14 13	4.00 P	20
	695.3	Dense, gray SILTY LOAM			9	10 18 23	NP	12
	693.5	Dense, gray SANDY LOAM						
	692.3	Very stiff, gray SILTY CLAY, with	25		10	17 20 24	8.61 S	12
		little gravel			11	4 9 11	3.07 S	13
	688.5	Medium dense, gray SAND	30		12	4 6 9	NP	29
	685.0	Medium stiff to stiff, gray SANDY CLAY with some gravel						
			35		13	5 6 7	0.82 B	11
	679.5	Very stiff, gray CLAY						
			40		14	7 8 12	2.87 B	17
	676.5	Boring terminated at 40.00 ft						
			45					
			50					

GENERAL NOTES

Begin Drilling: 06-16-2008 Complete Drilling: 06-16-2008
Drilling Contractor: K&S Engineering Drill Rig: Dietrich D50
Driller: C&R Logger: R. Edelmann Checked by: MLS
Drilling Method: 3.25" HSA, Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: 14.00 ft
At Completion of Drilling: CAVE
Time After Drilling: NA
Depth to Water: NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENGINC 486l01.GPJ WANGENG.GDT 7/1/08

BORING LOG B-02

WEI Job No.: 486-01-01

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

Client: Collins Engineers, Inc.
Project: IDOT D-91-122-06; Section 1977-117-N
Location: Itasca, DuPage County, Illinois

Datum: NGVD
Elevation: 716.50 ft
North: 1934063.94 ft
East: 1061798.87 ft
Station: 109+50.54
Offset: 21.09' LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
		15-inch thick, black GRAVELLY SAND						
	715.3	--SHOULDER AGGREGATE--						
		Stiff, black and brown SANDY CLAY			1	3 2 3	1.02 B	20
	713.8	--FILL--						
		Medium stiff to stiff, black and brown CLAY, with little sand and trace organic matter	5		2	PUSH	0.75 P	35
					3	2 2 2	1.02 B	32
	708.5	Stiff, black and brown CLAY LOAM with organic matter	10		4	2 2 2	1.25 P	92
	706.0	Loose, gray SILTY LOAM			5	3 3 3	NP	19
	703.0	Loose, fine to medium, black and gray SAND	15		6	3 3 4	NP	31
	700.3	Medium dense, brown and gray SILT			7	7 6 7	NP	18
	698.5	Hard, gray SILTY CLAY, with trace gravel and sand	20		8	5 7 11	6.97 B	13
	695.3	Dense, gray SILTY LOAM, with some gravel			9	5 14 21	NP	12
	693.5	Hard, gray SILTY CLAY to CLAY, with some gravel	25		10	9 12 11	5.53 S	12
	690.0	Medium dense, gray SAND			11	5 8 9	NP	20
			30		12	0 7 11	NP	21
	685.0	Stiff to very stiff, gray SILTY CLAY, with little sand						
			35		13	5 6 6	1.31 B	13
	676.5	Boring terminated at 40.00 ft	40		14	4 6 9	3.77 B	14
			45					
			50					

GENERAL NOTES

Begin Drilling: 06-16-2008 Complete Drilling: 06-16-2008
Drilling Contractor: K&S Engineering Drill Rig: Dietrich D50
Driller: C&R Logger: R. Edelmann Checked by: MLS
Drilling Method: 3.25" HSA, Boring backfilled upon completion

WATER LEVEL DATA

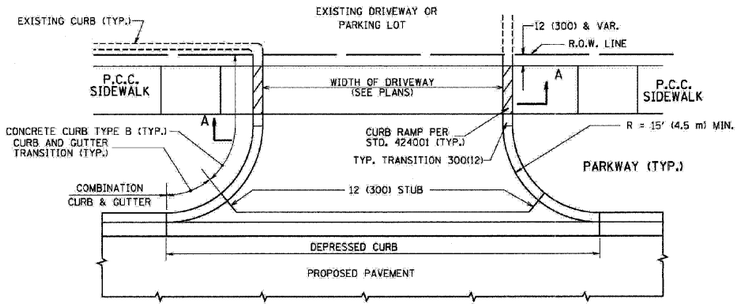
While Drilling: 14.00 ft
At Completion of Drilling: CAVE
Time After Drilling: NA
Depth to Water: NA

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

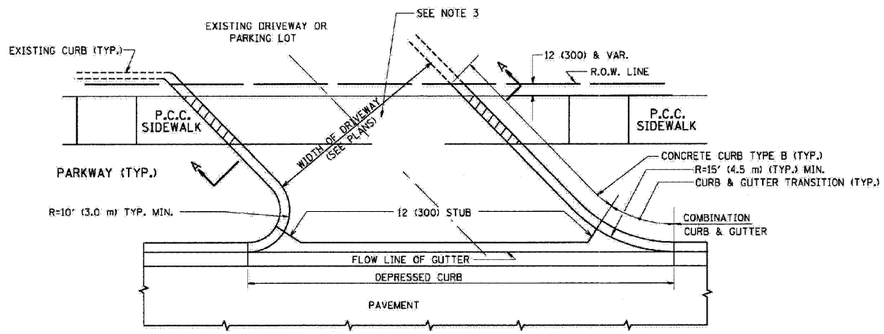
WANGENGINC 486l01.GPJ WANGENG.GDT 7/1/08

BORING LOGS, B-01 AND B-02

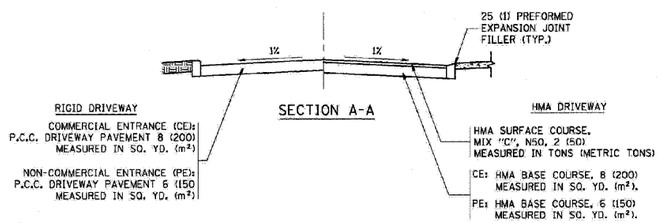
COLLINS ENGINEERS INC		SHEET NO. 59 OF 59 SHEETS	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DESIGNED: LDB	CHECKED: JMH		1321	31T-2	DuPAGE	59	41
DATE: 11/25/08	DRAWN: DR			SN: 022-2005	CONTRACT NO. 60A90		
			FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

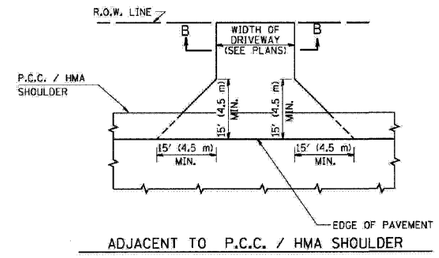


WITH CONCRETE CURB, TYPE B

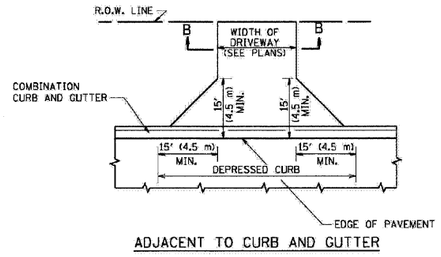


WITH CONCRETE CURB, TYPE B

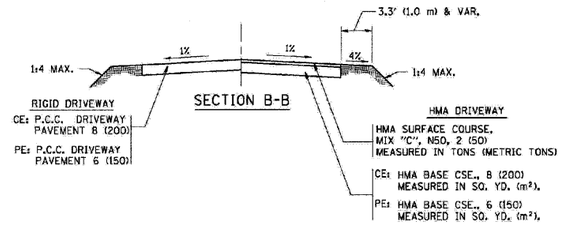




ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX "C", N50, 2 (50) MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE A 8 (200) MEASURED IN SQ. YD. (m²).

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.

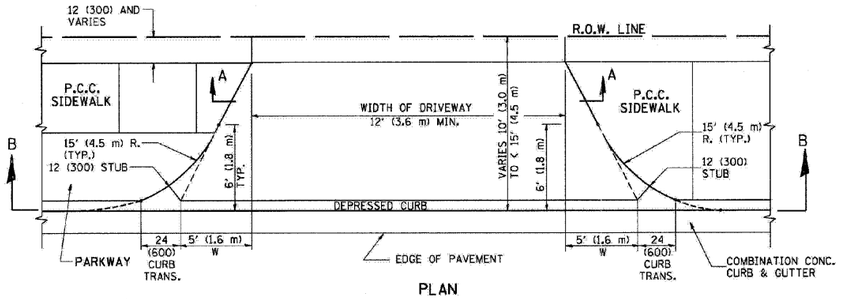
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

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.

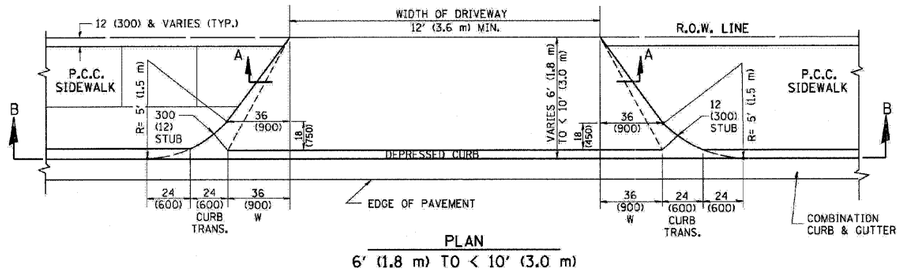
DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND CURB OR EDGE GREATER THAN OR EQUAL TO 15'

FILE NAME = ...\D1604A9D-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT STANDARDS IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ST	REVISED -						1321	31T-2	DUPAGE	59	42
	PLOT SCALE = 50.0000 '/ IN.	CHECKED - FML	REVISED -								CONTRACT NO. 60A90		
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



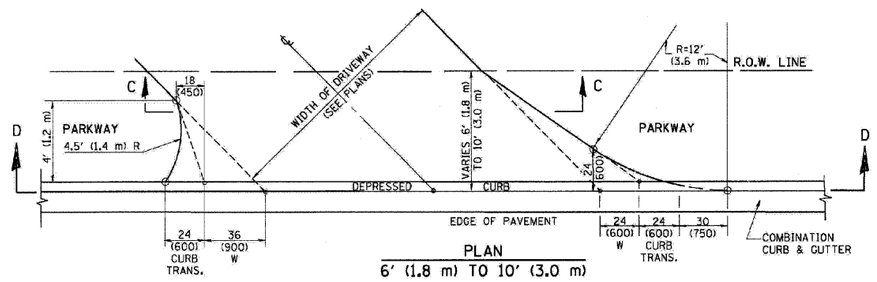
PLAN

10' (3.0 m) TO < 15' (4.5 m)



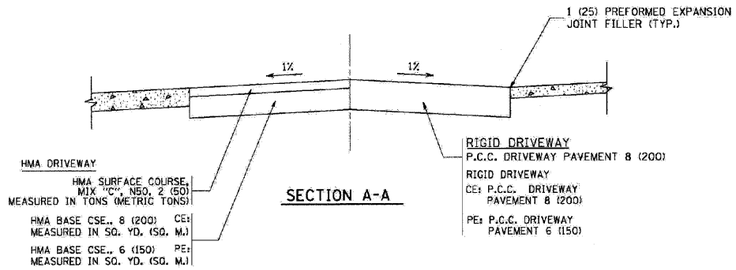
PLAN

6' (1.8 m) TO < 10' (3.0 m)

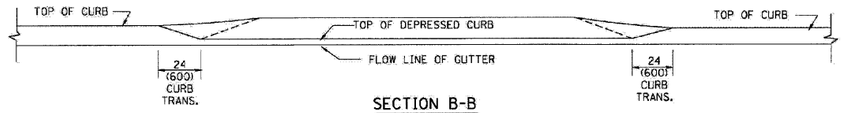


PLAN

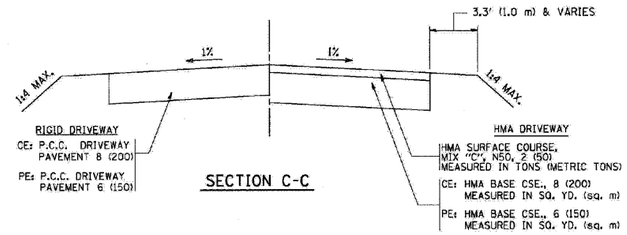
6' (1.8 m) TO 10' (3.0 m)



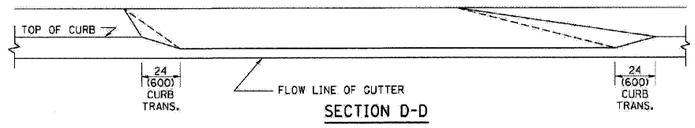
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

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 ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF 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.

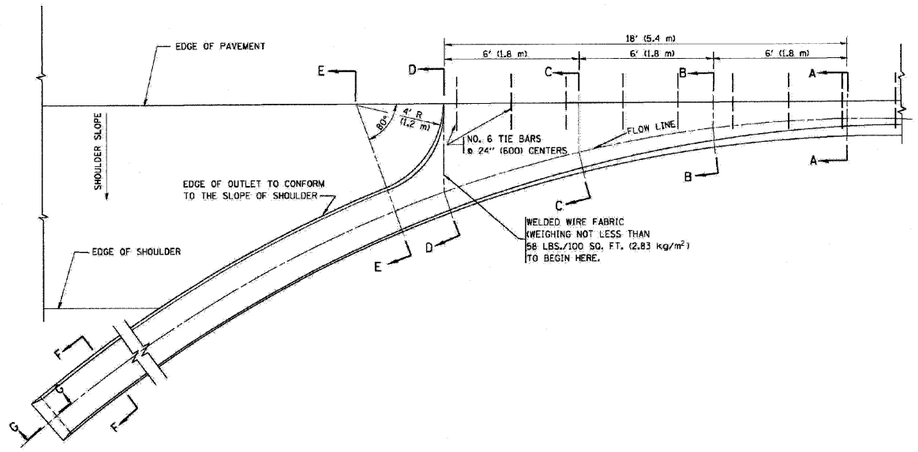
COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

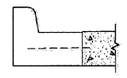
THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB IS LESS THAN 15'

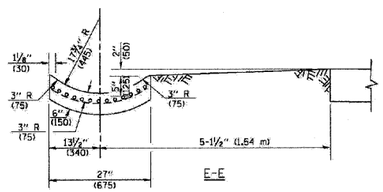
FILE NAME = ...\D1680A90-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT STANDARDS IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN ST	REVISED -						1321	31T-2	DUPAGE	59	43
	PLOT SCALE = 50:0.0012 ':' / IN.	CHECKED - FML	REVISED -								CONTRACT NO. 60A90		
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



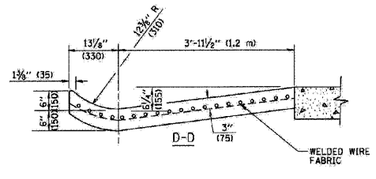


A-A *

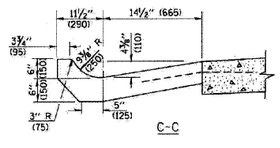
* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001. FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



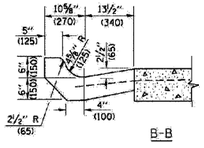
E-E



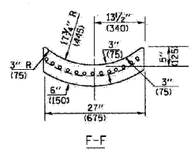
D-D



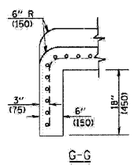
C-C



B-B



F-F



G-G

GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.

TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN.

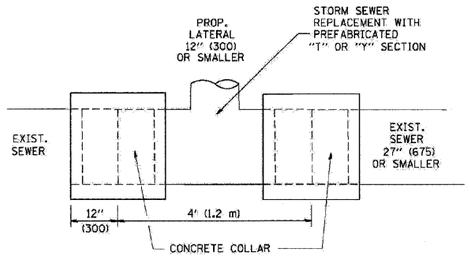
IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL=
1.25 CU. YDS. (0.96 m^3) CLASS SI CONCRETE (OUTLET) FOR 9" (225) PAV'T.
1.27 CU. YDS. (0.96 m^3) CLASS SI CONCRETE (OUTLET) FOR 10" (250) PAV'T.
FOR SECTION F-F=
0.045 CU. YDS. (0.03 m^3) CLASS SI CONCRETE PER ft. (m).

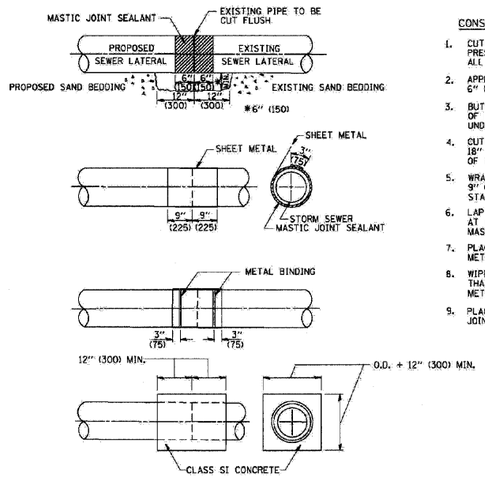
OUTLET FOR CONCRETE CURB AND GUTTER

FILE NAME = ...\D1606A90-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT STANDARDS IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ST	REVISED -			1321	31T-2	DUPAGE	59	44
	PLOT SCALE = 50.0.0012 '/ IN.	CHECKED - FML	REVISED -					CONTRACT NO. 60A90		
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

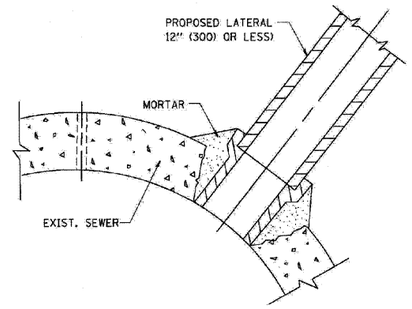


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES. 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".

B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

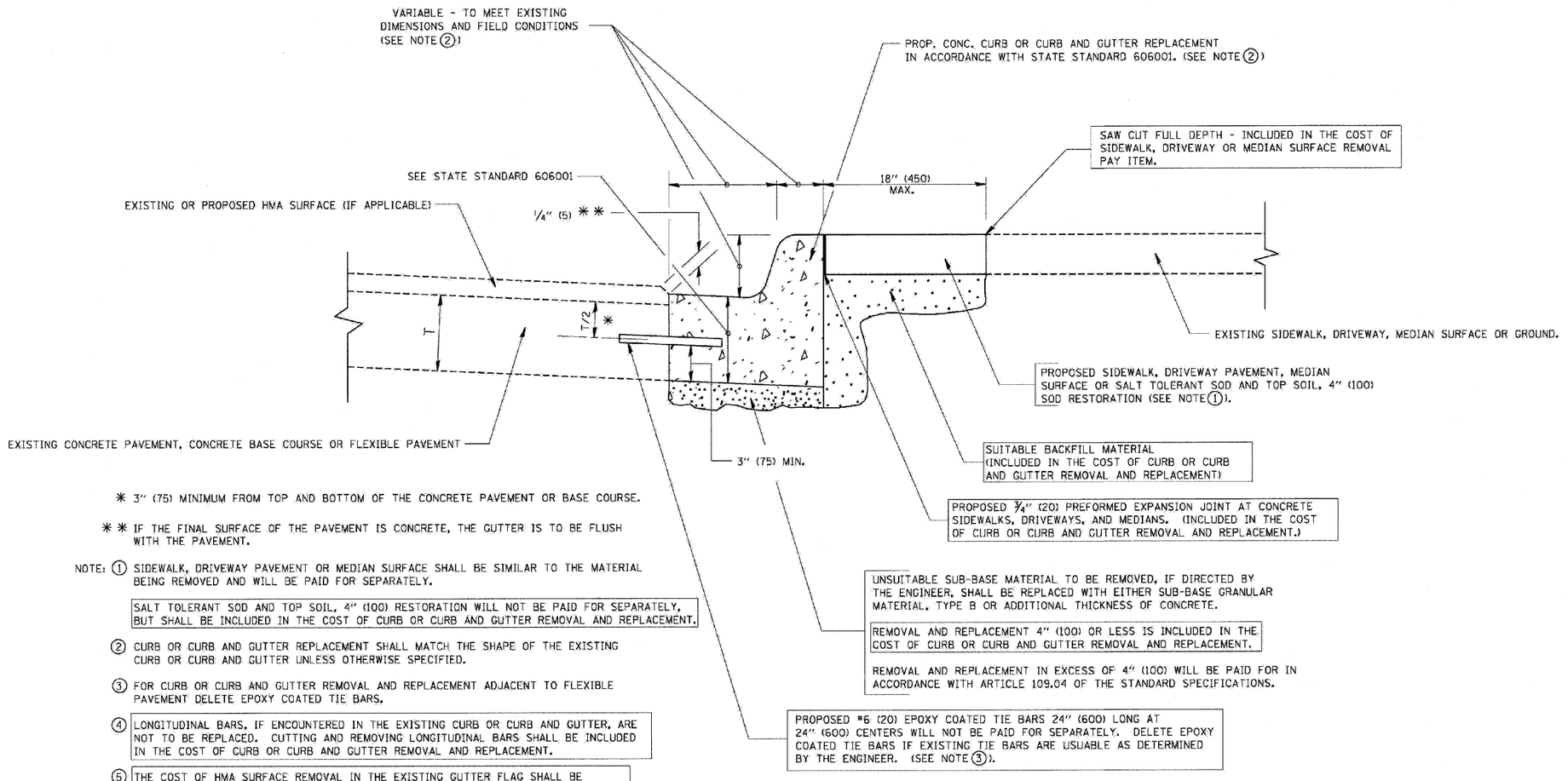
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

STORM SEWER CONNECTION TO EXISTING SEWER

FILE NAME = ...\D160A90-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT STANDARDS IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ST	REVISED -			1321	31T-2	DUPAGE	59	45
	PLOT SCALE = 50.0.0012 '/ IN.	CHECKED - FML	REVISED -					CONTRACT NO. 60A90		
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



* 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.

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

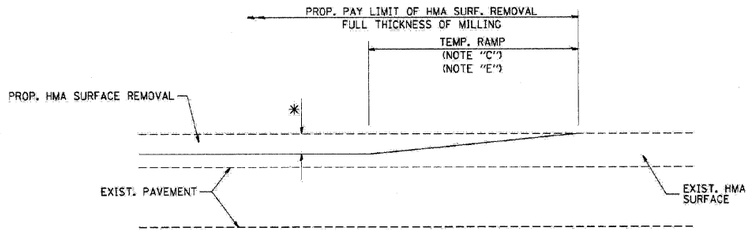
FILE NAME = ...\D160A90-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 50.0.0012 '' / IN.	CHECKED - FML	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT STANDARDS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

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

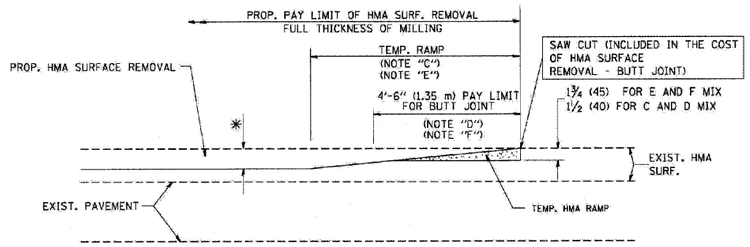
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	46
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

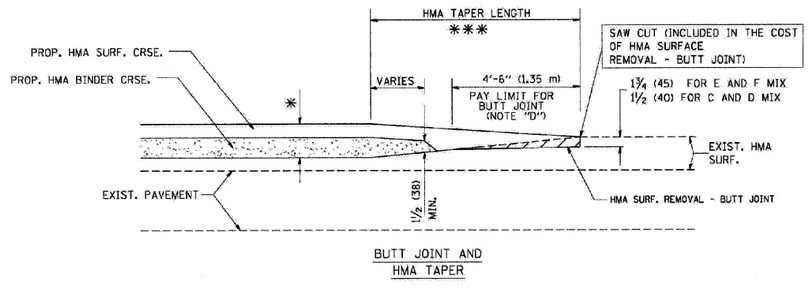


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

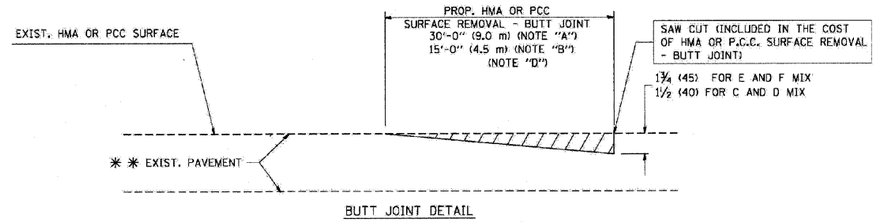
OPTION 2

TYPICAL TEMPORARY RAMP

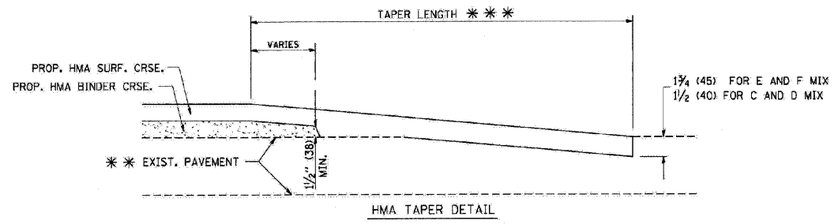


BUTT JOINT AND HMA TAPER

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".

BUTT JOINT AND HMA TAPER

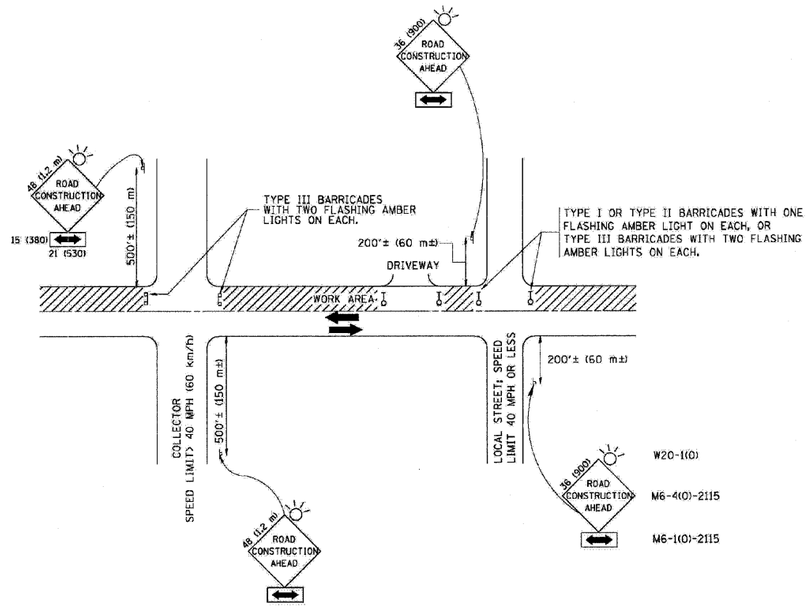
FILE NAME = ...\D160A9E-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 50.0012 ' / IN.	CHECKED - FML	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT STANDARDS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	47
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	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.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

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

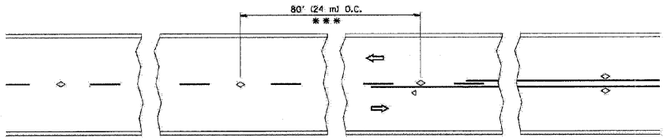
USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER 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.

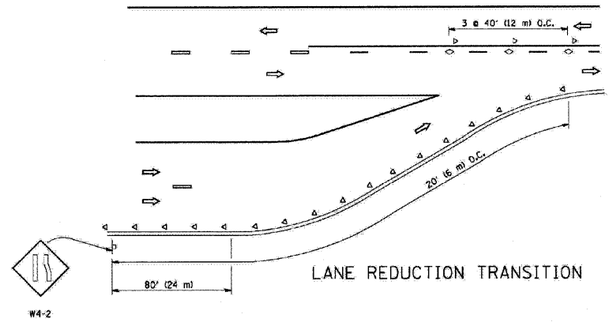
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS

FILE NAME = ...\D160A90-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT STANDARDS IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ST	REVISED -						1321	31T-2	DUPAGE	59	48
	PLOT SCALE = 50.0012 '' / IN.	CHECKED - FML	REVISED -								CONTRACT NO. 60A90		
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

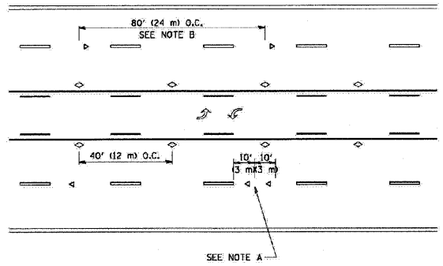


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

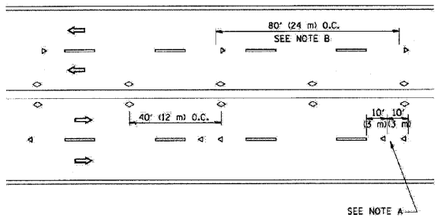
TWO-LANE/TWO-WAY



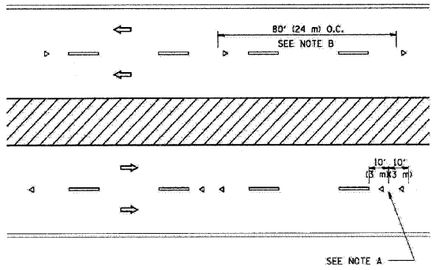
LANE REDUCTION TRANSITION



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.

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.

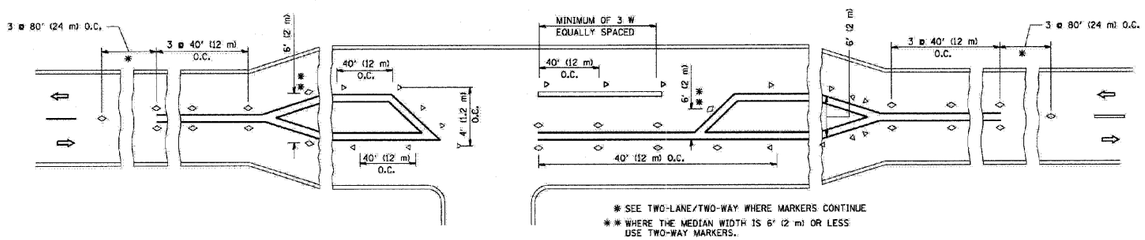
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

SYMBOLS

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

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.



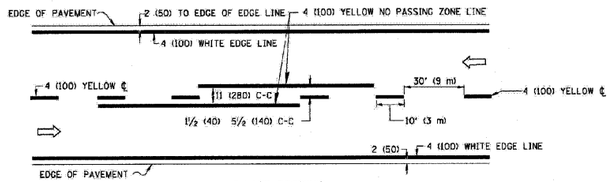
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

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

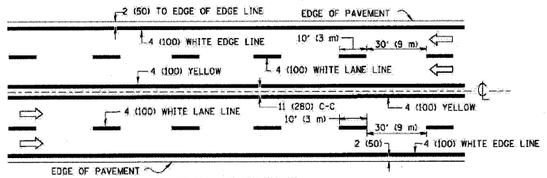
LEFT TURN

RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)

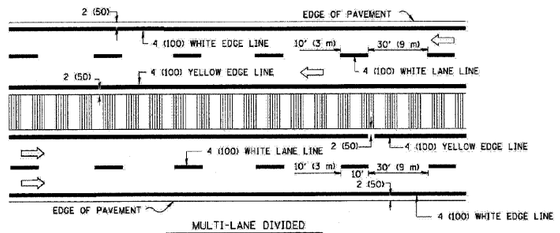
FILE NAME = ...\D160A9@-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT STANDARDS IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ST	REVISED -					1321	31T-2	DUPAGE	59	49
	PLOT SCALE = 50.0.0012 '' / IN.	CHECKED - FML	REVISED -							CONTRACT NO. 60A90		
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY



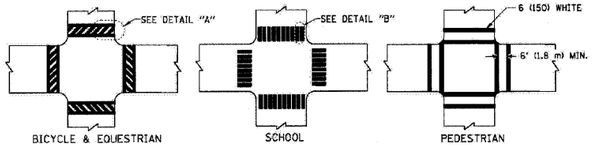
MULTI-LANE UNDIVIDED



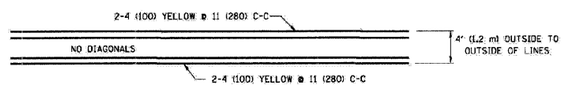
MULTI-LANE DIVIDED
WITH MOUNTABLE MEDIAN

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

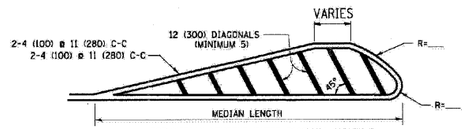
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



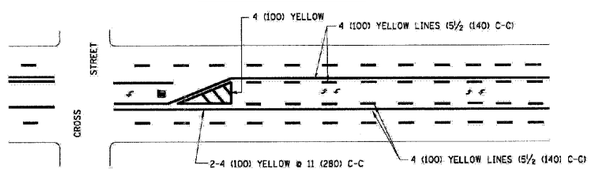
4' (1.2 m) WIDE MEDIANS ONLY



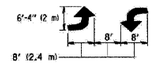
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

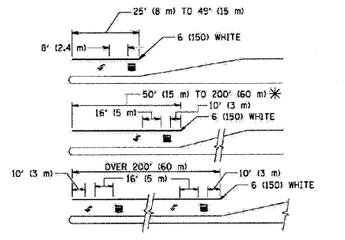


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

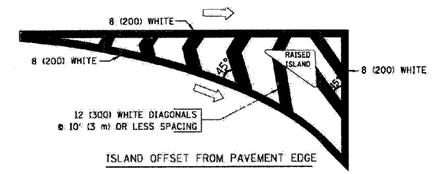


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

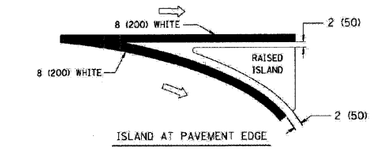
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

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 UNDIVEDED 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	5½ (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; 5½ (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: 16' (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 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
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.

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

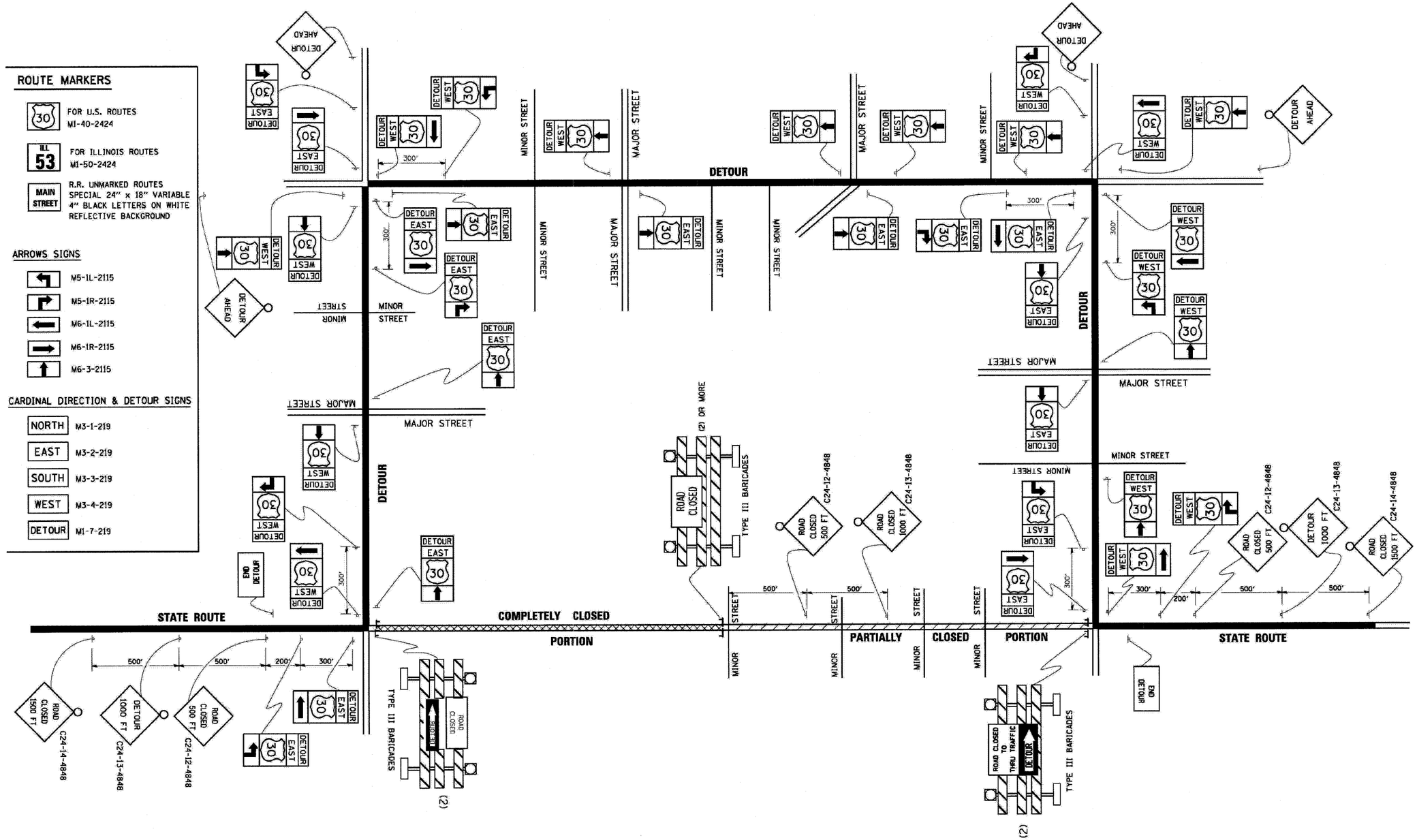
FILE NAME = ...\D1801A92-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 50.0.0012 '/ IN.	CHECKED - FML	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT STANDARDS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

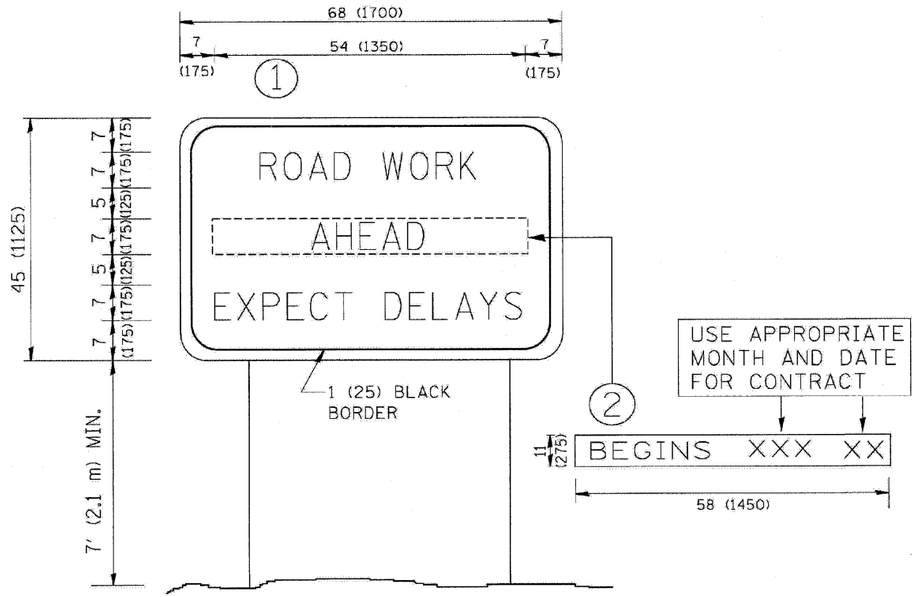
SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	50
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL MARKING FOR CLOSING STATE HIGHWAYS

FILE NAME = ...\D160A90-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT STANDARDS IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ST	REVISED -						1321	31T-2	DUPAGE	59	51
	PLOT SCALE = 50:0.0012 '/ IN.	CHECKED - FML	REVISED -								CONTRACT NO. 60A90		
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

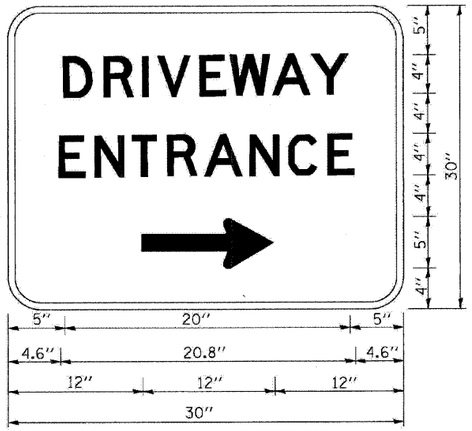


NOTES:

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.

ARTERIAL ROAD INFORMATION SIGN

FILE NAME = ...\D160A90-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**DISTRICT STANDARDS** **IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK**			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - ST	REVISED -					1321	31T-2	DUPAGE	59 / 52
	PLOT SCALE = 50.0.0012 '/ IN.	CHECKED - FML	REVISED -							CONTRACT NO. 60A90	
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -		SCALE: N.T.S.	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

DRIVEWAY ENTRANCE SIGNING

FILE NAME = ...\D160A90-sht-details.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 50.0.0012 '=' / IN.	CHECKED - FML	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

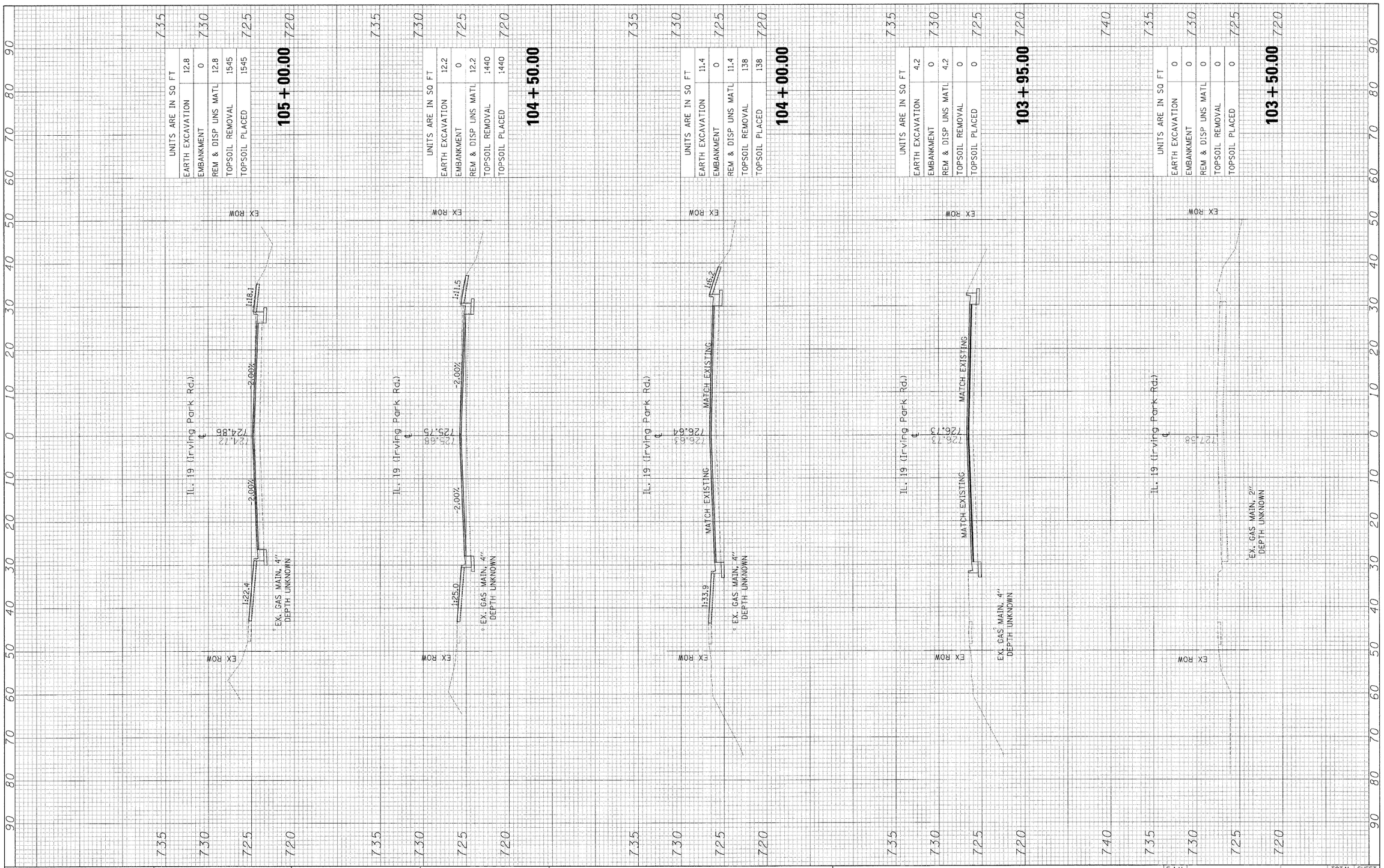
DISTRICT STANDARDS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	53
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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



FILE NAME = ...\D160A90-sht-xssht.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - FML	REVISED -
	PLOT DATE = 1/10/2009	DATE 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1"=5'V, 10'H | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	54
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

FILE NAME = ...\DGN\TD-dist-xsect-cdgn

USER NAME = Plotted By Administrator

PLOT SCALE = 10.0000 ' / IN.

PLOT DATE = 1/19/2009

DESIGNED	-	ST
DRAWN	-	ST
CHECKED	-	FML
DATE	-	09/2008

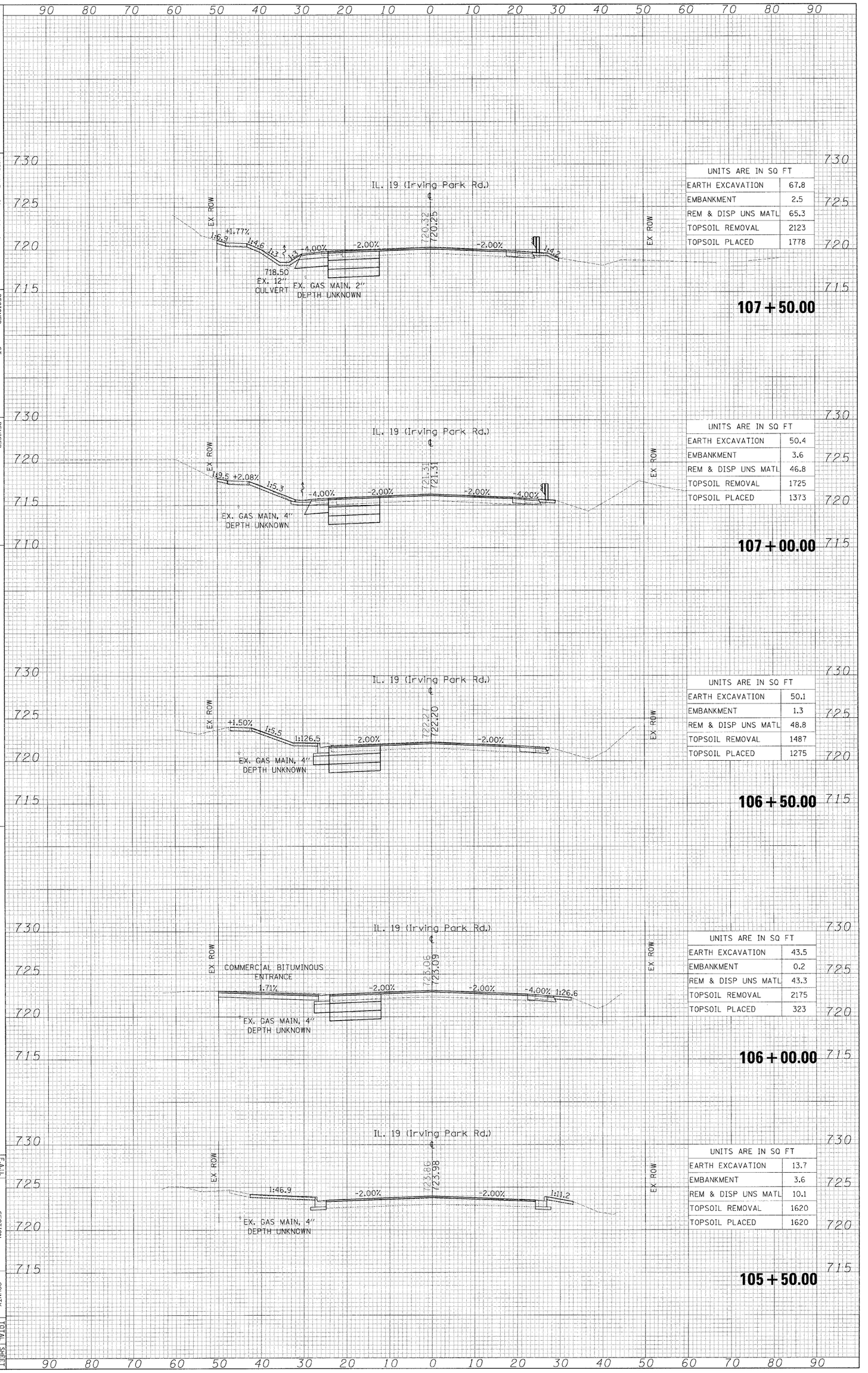
REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1"=5'V, 10'H | SHEET NO. | OF | SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	55
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO. 60A90	



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

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

110 + 00.00

UNITS ARE IN SQ FT	
EARTH EXCAVATION	55.3
EMBANKMENT	75.5
REM & DISP UNS MATL	0
TOPSOIL REMOVAL	5022
TOPSOIL PLACED	3645

109 + 38.15

UNITS ARE IN SQ FT	
EARTH EXCAVATION	0
EMBANKMENT	174.8
REM & DISP UNS MATL	110.5
TOPSOIL REMOVAL	0
TOPSOIL PLACED	1254

100 YR. STORM ELEV. = 710.49
10 YR. STORM ELEV. = 709.51
NORMAL STORM ELEV. = 705.99

109 + 00.00

UNITS ARE IN SQ FT	
EARTH EXCAVATION	72.6
EMBANKMENT	85.6
REM & DISP UNS MATL	0
TOPSOIL REMOVAL	3866
TOPSOIL PLACED	3089

100 YR. STORM ELEV. = 710.49

108 + 62.75

UNITS ARE IN SQ FT	
EARTH EXCAVATION	68.9
EMBANKMENT	40.2
REM & DISP UNS MATL	28.7
TOPSOIL REMOVAL	825
TOPSOIL PLACED	452

108 + 50.00

UNITS ARE IN SQ FT	
EARTH EXCAVATION	56.0
EMBANKMENT	127.2
REM & DISP UNS MATL	0
TOPSOIL REMOVAL	4440
TOPSOIL PLACED	3480

108 + 00.00

UNITS ARE IN SQ FT	
EARTH EXCAVATION	90.4
EMBANKMENT	11.6
REM & DISP UNS MATL	78.8
TOPSOIL REMOVAL	3585
TOPSOIL PLACED	3060

FILE NAME = ...\D160A90-sht-xssht.dgn	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
		DRAWN - ST	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - FML	REVISED -
	PLOT DATE = 1/22/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

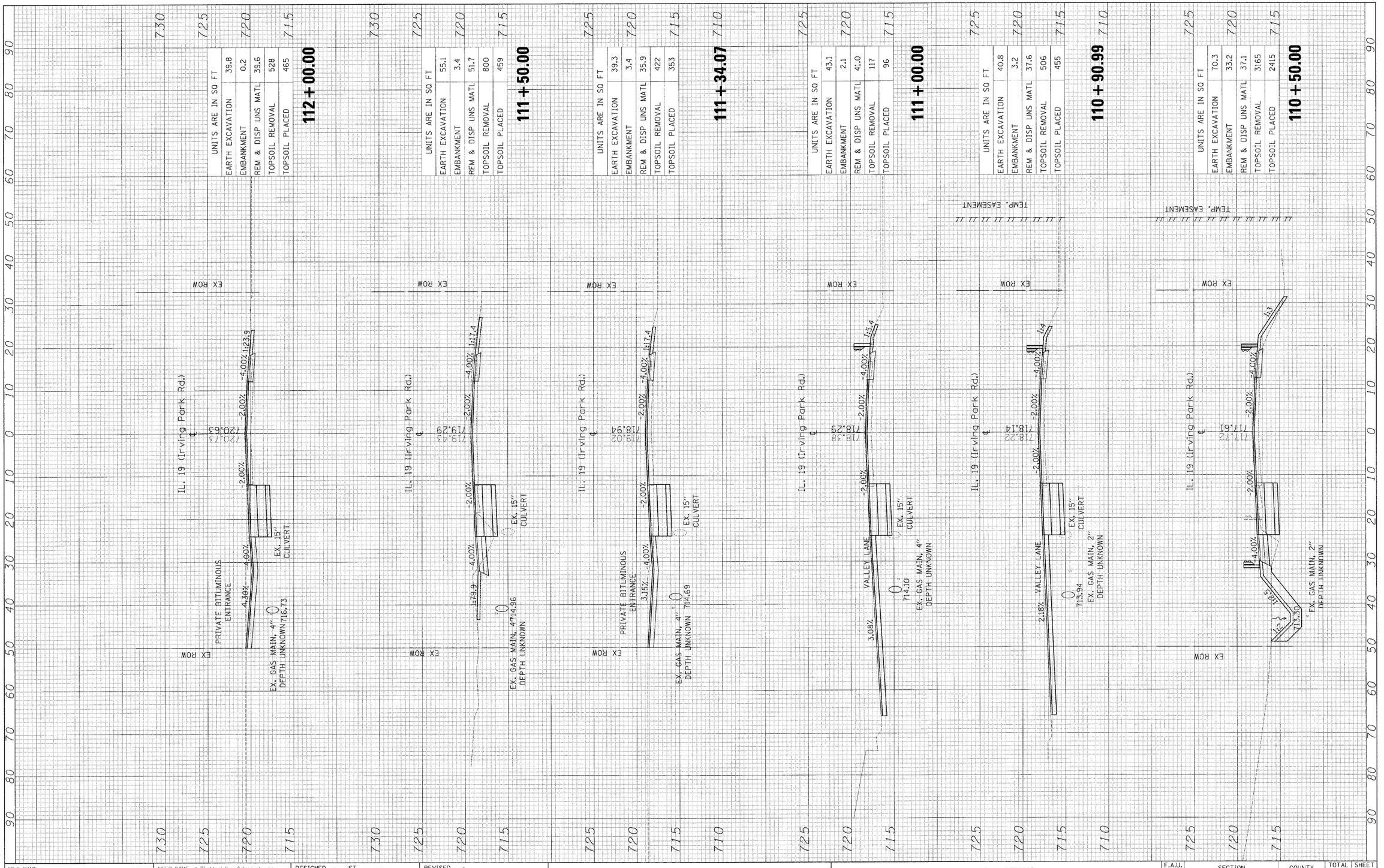
CROSS SECTIONS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1"=5'V, 10'H | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	56
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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



FILE NAME =	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
...\D:60A90-sht-xsht.dgn		DRAWN - ST	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - FML	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1"=5'V, 10'H | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	57
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

FILE NAME = ...\0168490-sht-xsect-rdgn

USER NAME = Plotted by Administrator

PLOT SCALE = 10.0000 ' / IN.

PLOT DATE = 1/10/2009

DESIGNED - ST

DRAWN - ST

CHECKED - FML

DATE - 09/2008

REVISED -

REVISED -

REVISED -

REVISED -

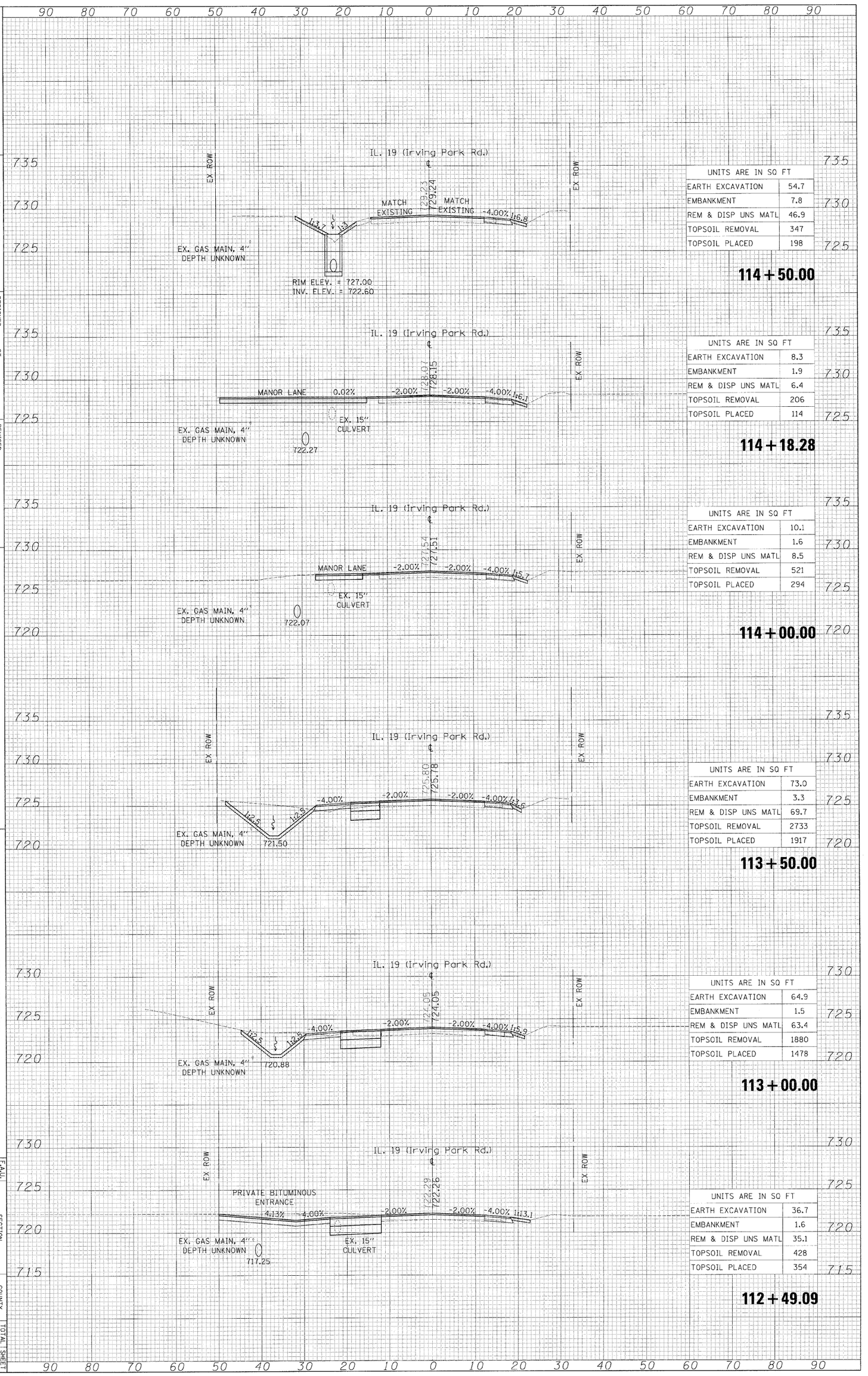
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1"=5'V, 10'H | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	58

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | CONTRACT NO. 60A90



UNITS ARE IN SQ FT	
EARTH EXCAVATION	54.7
EMBANKMENT	7.8
REM & DISP UNS MATL	46.9
TOPSOIL REMOVAL	347
TOPSOIL PLACED	198

114 + 50.00

UNITS ARE IN SQ FT	
EARTH EXCAVATION	8.3
EMBANKMENT	1.9
REM & DISP UNS MATL	6.4
TOPSOIL REMOVAL	206
TOPSOIL PLACED	114

114 + 18.28

UNITS ARE IN SQ FT	
EARTH EXCAVATION	10.1
EMBANKMENT	1.6
REM & DISP UNS MATL	8.5
TOPSOIL REMOVAL	521
TOPSOIL PLACED	294

114 + 00.00

UNITS ARE IN SQ FT	
EARTH EXCAVATION	73.0
EMBANKMENT	3.3
REM & DISP UNS MATL	69.7
TOPSOIL REMOVAL	2733
TOPSOIL PLACED	1917

113 + 50.00

UNITS ARE IN SQ FT	
EARTH EXCAVATION	64.9
EMBANKMENT	1.5
REM & DISP UNS MATL	63.4
TOPSOIL REMOVAL	1880
TOPSOIL PLACED	1478

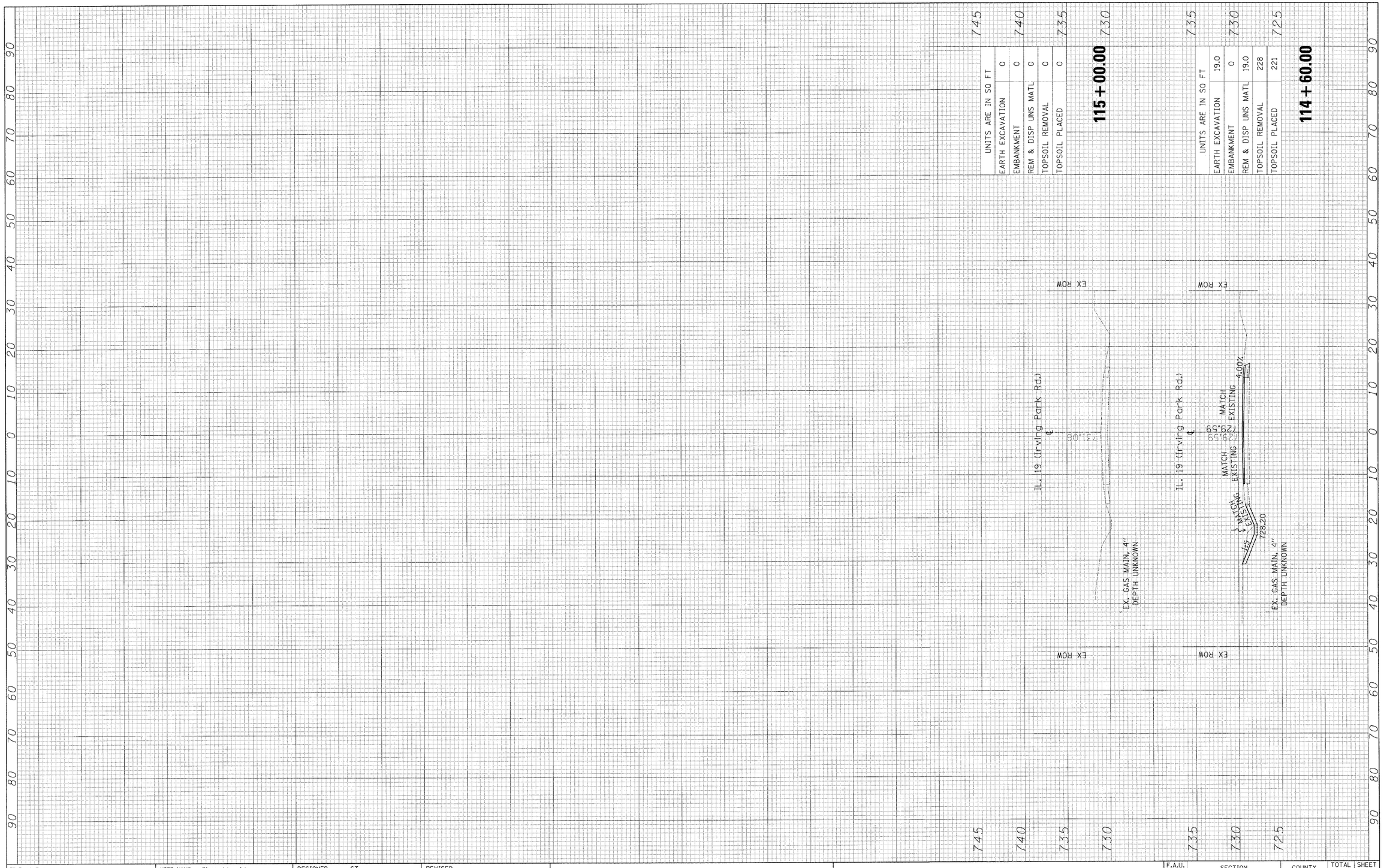
113 + 00.00

UNITS ARE IN SQ FT	
EARTH EXCAVATION	36.7
EMBANKMENT	1.6
REM & DISP UNS MATL	35.1
TOPSOIL REMOVAL	428
TOPSOIL PLACED	354

112 + 49.09

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

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



FILE NAME =	USER NAME = Plotted by Administrator	DESIGNED - ST	REVISED -
...\D160A90-sht-xssht.dgn		DRAWN - ST	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - FML	REVISED -
	PLOT DATE = 1/18/2009	DATE - 09/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
IL ROUTE 19 (IRVING PARK ROAD) OVER MEACHAM CREEK

SCALE: 1"=5'V, 10'H | SHEET NO. OF SHEETS | STA. 103+95.00 TO STA. 114+60.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	31T-2	DUPAGE	59	59
		CONTRACT NO. 60A90		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		