

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	1
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLANS FOR PROPOSED FEDERAL AID URBAN PROJECT

- INDEX OF SHEETS**
- 1.) COVER SHEET, INDEX TO SHEETS, LOCATION MAP, INDEX OF STANDARDS
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 - 3.) SUMMARY OF QUANTITIES
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 - 8.-12.) ROADWAY PLAN & PROFILE
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 - 20.-23.) CONSTRUCTION DETAILS
 - 24.-40.) CROSS SECTIONS

SCALES

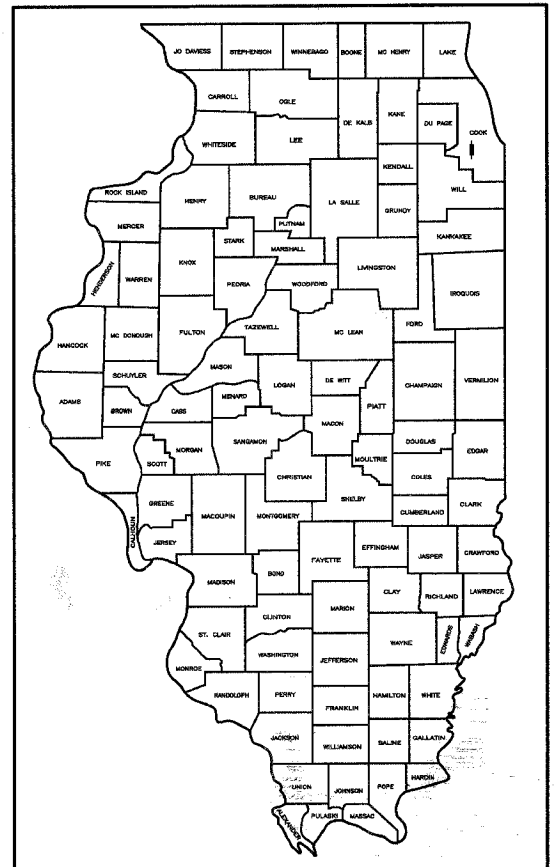
PLAN	1 INCH = 50 FEET
PROFILE HORIZ.	1 INCH = 50 FEET
PROFILE VERT.	1 INCH = 5 FEET
CROSS-SECTIONS HORIZ.	1 INCH = 10 FEET
CROSS-SECTIONS VERT.	1 INCH = 5 FEET

F.A.U. RTE. 3791 (76TH AVENUE)
FROM 127TH ST. TO ILL. RTE. 83 (COLLEGE DR.)
FEDERAL PROJECT M-8003(255)
CITY SECTION NO. 02-00037-00-WR
RECONSTRUCTION
CITY OF PALOS HEIGHTS
COOK COUNTY
JOB NO. C-91-013-03

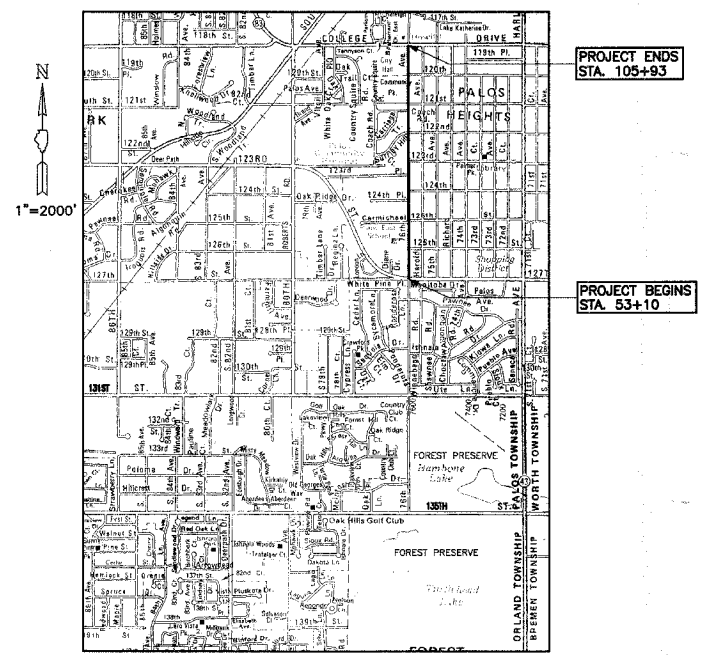
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- | | |
|-----------|---|
| 000001-04 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 280001-03 | TEMPORARY EROSION CONTROL SYSTEMS |
| 424001-04 | CURB RAMPS FOR SIDEWALKS |
| 542301-01 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 542311 | GRATING FOR CONCRETE FLARED END SECTION
(FOR 600 mm (24") THRU 1350 mm (54") PIPE) |
| 602001 | CATCH BASIN TYPE A |
| 602301-01 | INLET - TYPE A |
| 602306-01 | INLET - TYPE B |
| 602401-01 | MANHOLE TYPE A |
| 604036-01 | GRATE TYPE 8 |
| 701301-02 | LANE CLOSURE 2L, 2W SHORT TIME OPERATIONS |
| 701501-03 | URBAN LANE CLOSURE 2L, 2W UNDIVIDED |
| 702001-06 | TRAFFIC CONTROL DEVICES |
| 720001 | SIGN PANEL MOUNTING DETAILS |
| 720006-01 | SIGN PANEL ERECTION DETAILS |
| 728001 | TELESCOPING STEEL SIGN SUPPORT |

DESIGN DESIGNATION
76TH AVENUE
(20' COLLECTOR 0.82 (BIT. 20)
COOK COUNTY SECTION 02-00037-00-WR
ADT = 2000, DHV = 200
DESIGN SPEED = 30 MPH
POSTED SPEED = 20 MPH



LOCATION OF SECTION INDICATED THIS: —



LOCATION MAP
TOWNSHIP 37N, R12E

— DENOTES PROJECT LOCATION
NET LENGTH OF PROJECT = 5,283 LIN FT (1.0 MILE)
GROSS LENGTH OF PROJECT = 5,283 LIN FT (1.0 MILE)



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.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED September 7 2007
Donald W. White
DIRECTOR OF PUBLIC WORKS, PALOS HEIGHTS

PASSED SEPTEMBER 13 2007
Christopher Holt
DISTRICT #1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW Sept. 14 20 07
Diane O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION #1 ENGINEER

ENGINEER'S CERTIFICATION
STATE OF ILLINOIS) SS.
COUNTY OF DU PAGE)

I, SIGITAS P. VAZNELIS, A REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY MORRIS ENGINEERING, INC. 5100 S. LINCOLN AVENUE, SUITE 100, Lisle, ILLINOIS, 60532 UNDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION IS INTENDED TO BE USED AS AN INTEGRAL PART OF AND IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.

DATED THIS 10 DAY OF September, A.D. 2007
Sigita P. Vaznelis
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 002-044114
MY REGISTRATION EXPIRES ON NOVEMBER 30, 2007

NOTE: UNLESS THIS DOCUMENT BEARS THE ORIGINAL SIGNATURE AND SEAL OF THE DESIGN PROFESSIONAL ENGINEER, IT IS NOT A VALID TECHNICAL SUBMISSION.

PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS

PLOT DATE: Sep. 04, 2007
 ASSOCIATE FIELD ENGINEER: JESSICA FELICIANO (847) 705-4487
 CONSULTANT: MORRIS ENGINEERING, INC. (630) 271-0770

CONTRACT NO. 83957

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	2
F.H.W.A. REG.	ILLINOIS	PROJECT:		

83957

GENERAL NOTES

- SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE URBAN COMMITTEE OF THE ASSOCIATION OF ILLINOIS SOIL AND WATER CONSERVATION DISTRICTS' PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS AND ALL REVISIONS THERETO AND IN ACCORDANCE WITH THE DETAILS ON THE PLANS.
- THE CONTRACTOR SHALL BE AWARE OF POTENTIAL CONFLICTS WITH EXISTING UTILITIES AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL EXCAVATE AROUND UTILITIES TO DETERMINE ELEVATIONS BEFORE BEGINNING CONSTRUCTION.
- THE OWNER WILL FURNISH THE CONTRACTOR WITH LINES, GRADES AND ELEVATIONS NECESSARY TO THE PROPER PROSECUTION AND CONTROL OF THE WORK ONCE.
- THE CONTRACTOR SHALL GIVE THE ENGINEER AT LEAST SEVENTY-TWO (72) HOURS NOTICE FOR ANY STAKING TO BE DONE. EACH OF THE VARIOUS ITEMS OF WORK COVERED BY THIS CONTRACT WILL BE STAKED ONCE. ADDITIONAL STAKING REQUIRED DUE TO THE CONTRACTOR'S NEGLIGENCE IN PRESERVING THE STAKES SHALL BE PAID FOR BY THE CONTRACTOR AT THE CURRENT HOURLY RATE.
- THE CONTRACTOR SHALL INFORM THE ENGINEER AND THE CITY OF PALOS HEIGHTS AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
TELEPHONE NUMBERS: ENGINEER - (630) 271-0770
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND SPECIFICATIONS AND SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES THAT THE CONTRACTOR DISCOVERS DURING THE BIDDING PERIOD. ALL CONTRACTOR CALLS SHOULD BE MADE TO IDOT.
- THE CONTRACTOR RESPONSIBLE FOR DRAINAGE IMPROVEMENTS (UNDERGROUND STRUCTURES AND CONDUITS) SHALL DISPOSE OF ALL SURPLUS EXCAVATED MATERIAL FROM TRENCHES OR STRUCTURE EXCAVATIONS AND SHALL DEPOSIT SAID SURPLUS MATERIALS ON THE SITE IN ACCORDANCE WITH THE GRADING PLAN OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL NOT PLACE ANY EXCAVATED MATERIAL UPON ANY TOPSOIL. THE TOPSOIL SHALL BE REMOVED FROM ALL AREAS TO BE FILLED AND SHALL BE STOCKPILED IN AREAS AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL NOT DISCHARGE INTO STREAMS, PONDS, WETLANDS OR ITS TRIBUTARIES ANY MOTOR OIL, TRANSMISSION FLUID, LUBRICANTS OR ANY OTHER PETROLEUM DISTILLATES, ANY PETROLEUM DISTILLATES DISCHARGED ON THE GROUND SURFACE SHALL BE PROMPTLY AND PROPERLY REMOVED PRIOR TO THE RESUMPTION OF ANY WORK ON THE PROJECT.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING FIELD TILES. ANY FIELD TILES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE. INVESTIGATION SHALL BE MADE TO INSURE THAT FIELD TILES DO NOT CONVEY OFF SITE WATER. TILES THAT CONVEY OFF SITE WATER SHALL BE REROUTED THROUGH THE SITE. TILES THAT DO NOT CONVEY OFF SITE WATER SHALL BE ABANDONED IN AN APPROPRIATE MANNER APPROVED BY THE COUNTY ENGINEER. FIELD TILES WITHIN A RIGHT-OF-WAY SHALL BE REMOVED AND BACKFILLED WITH CA-6 COMPACTED IN EIGHT INCH LIFTS TO THE BOTTOM OF THE ROADWAY BASE. EXISTING FIELD TILES SHALL BE REMOVED BY SLIT TRENCHING.
- THE CONTRACTOR RESPONSIBLE FOR DRAINAGE IMPROVEMENTS SHALL BE RESPONSIBLE TO PLACE ALL FIRE HYDRANTS, FRAMES AND LIDS OR GRATES, AND ALL GRATES FOR MANHOLES, CATCH BASINS, INLETS AND VALVE VAULTS AT THE ELEVATIONS SHOWN AND SPECIFIED ON THE PLANS. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR SAID ADJUSTMENT AND THE COST OF SAID ADJUSTMENT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE VARIOUS DRAINAGE STRUCTURES MENTIONED ABOVE.
- ALL MANHOLES SHALL HAVE CONCRETE INVERTS CONFORMING TO THE SHAPE OF THE PIPE. CONCRETE INVERTS SHALL BE PLACED IN THE FIELD AND THE COST OF CONCRETE INVERTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS INLETS AND MANHOLES.
- THE CONTRACTOR SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND, WHEN NECESSARY, SHALL ON A DAILY BASIS CLEAN THE PAVEMENT OF SUCH DIRT AND DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL PROVIDE PIPE BEDDING IN ACCORDANCE WITH THE DETAIL ON THE PLANS. THE COST OF THE BEDDING SHALL BE INCLUDED IN THE UNIT PRICE PER LINEAL FOOT OF THE VARIOUS SIZES OF STORM SEWER. NO ADDITIONAL COMPENSATION WILL BE MADE FOR PIPE BEDDING.
- THE CONTRACTOR SHALL PLACE TOPSOIL AT A 4" MINIMUM DEPTH AND SEED OR SOD ALL AREAS DESIGNATED BY THE ENGINEER.
- THE CONTRACTOR SHALL EXAMINE THE DRAINAGE PATTERNS SHOWN ON THE PLANS AND MAKE CERTAIN THAT ALL OVERFLOW POINT ELEVATIONS AND CROSS SECTIONS ARE CONSTRUCTED STRICTLY IN ACCORDANCE WITH THOSE SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-892-0123) 48 HOURS PRIOR TO ANY WORK IN THE RIGHT OF WAY OR EASEMENTS TO LOCATE UTILITIES, AND CONTACT THE OWNER'S REPRESENTATIVE SHOULD PUBLIC UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- ALL PROPOSED ELEVATIONS SHOWN ARE RELATIVE TO U.S.G.S. DATUM.
- COST OF MAILBOX RELOCATION SHALL BE INCIDENTAL TO THE CONTRACT.

- 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.

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

- THE FOLLOWING PRINCIPLES SHALL APPLY TO ALL MOVEMENT OF EARTH AND STORM DRAINAGE. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON SITE.
- THE SMALLEST PRACTICAL AREA OF LAND IS TO BE EXPOSED AT ANY GIVEN TIME DURING CONSTRUCTION. EXPOSURE SHALL BE KEPT TO AS SHORT A DURATION OF TIME AS IS PRACTICAL.
- THE CONTRACTOR SHALL INSTALL TEMPORARY SEEDING WHERE EXPOSED AREAS REQUIRE PROTECTION TO CONTROL SOIL EROSION AND SEDIMENTATION DURING CONSTRUCTION AS SPECIFIED HEREIN AND AS DIRECTED BY THE OWNER OR ENGINEER. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN 15 CALENDAR DAYS OF THE END OF ACTIVE HYDROLOGIC DISTURBANCE. PERMANENT STABILIZATION SHALL BE DONE WITHIN 15 DAYS AFTER COMPLETION OF FINAL GRADING OF THE SOIL. TEMPORARY SEEDED AREAS SHALL BE MEASURED IN THE FIELD AND SHALL BE PAID AT THE CONTRACT PRICE PER ACRE FOR SEEDING, CL. 1.
- THE CONTRACTOR SHALL INSTALL SEDIMENT BASINS OR SILT TRAPS IF SPECIFIED ON THE DRAWINGS TO CONTROL SEDIMENT FROM LEAVING THE SITE.
- STABILIZE AND PROTECT DISTURBED AREAS. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY OR PERMANENT MEASURES. MECHANICAL, STRUCTURAL, AND/OR VEGETATIVE CONTROL METHODS SHALL BE USED IN ORDER TO RETARD SOIL EROSION IF DIRECTED BY THE OWNER OR HIS AUTHORIZED REPRESENTATIVE.
- KEEP RUN-OFF VELOCITIES LOW WITH SHORT SLOPES AND LOW GRADIENTS. THE INSTALLATION OF NATURAL VEGETATIVE COVER HELPS TO KEEP STORM WATER VELOCITIES LOW, AND THUS LIMIT SOIL EROSION EFFECTS.
- PROTECT DISTURBED AREAS FROM STORM WATER RUN-OFF. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. PROTECTIVE MEASURES SHALL BE UTILIZED TO DIVERT RUN-OFF FROM DISTURBED AREAS.
- RETAIN SEDIMENT WITHIN THE SITE AREA - SEDIMENT BASINS SHALL BE CONSTRUCTED IN ORDER TO DETAIN SEDIMENT LADEN RUN-OFF SO THAT THE SOIL PARTICLES SETTLE OUT. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- NATURAL PLANT COVER SHALL BE MAINTAINED AND PROTECTED AND ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND REPAIR DURING CONSTRUCTION.
- PROTECTION OF EXISTING FACILITIES AND UTILITIES - THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY FACILITIES FOR THE PROTECTION OF ALL EXISTING UTILITIES ON OR ADJACENT TO THE PROJECT. ALL STORM SEWER FACILITIES THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED, FILTERED, OR OTHERWISE TREATED TO REMOVE SEDIMENT. FURTHERMORE, ANY DAMAGE DONE BY HIM, HIS AGENTS, OR ASSIGNS SHALL BE REPAIRED AT NO ADDITIONAL COMPENSATION.
- DIRT ON PAVEMENT - WHERE A CONTRACTOR'S EQUIPMENT IS OPERATED UPON AN EXISTING PAVEMENT USED BY TRAFFIC THE CONTRACTOR SHALL CLEAN THE PAVEMENT OF ALL DIRT AND DEBRIS AT THE END OF EACH DAY'S OPERATIONS AND AT OTHER TIMES AS DIRECTED BY THE OWNER, THE ENGINEER, OR THE GOVERNING MUNICIPALITY. THE CLEANING WORK SHALL BE CONSIDERED AS INCIDENTAL AND INCLUDED IN THE COST OF THE CONTRACTOR'S CONTRACT FOR THE WORK TO BE PERFORMED.
- DUST CONTROL - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF EXCESSIVE DUST DURING THE CONSTRUCTION PERIOD UNTIL THE ROAD PAVEMENT IS INSTALLED BY THE PAVING CONTRACTOR. THE REQUIREMENT FOR DUST CONTROL SHALL BE AS DIRECTED BY THE LOCAL APPROVING AUTHORITIES OR THE ENGINEER, AND SUCH DUST CONTROL (IF REQUIRED) SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
-OR-
DUST CONTROL - THE CONTRACTOR SHALL, IF SPECIFIED AND REQUIRED, BE RESPONSIBLE FOR THE CONTROL OF EXCESSIVE DUST DURING THE CONSTRUCTION PERIOD UNTIL THE ROAD PAVEMENT IS INSTALLED BY THE PAVING CONTRACTOR. THE REQUIREMENT FOR DUST CONTROL SHALL BE AS DIRECTED BY THE LOCAL APPROVING AUTHORITIES OR THE ENGINEER, AND SUCH DUST CONTROL (IF REQUIRED) SHALL BE PAID FOR AS AGREED UPON BY THE OWNER AND THE CONTRACTOR.
- INLET PROTECTION SHALL BE PROVIDED FOR ANY OPEN LID. FILTER FABRIC SHALL BE PLACED ACROSS THE FRAME AND THE LID DROPPED IN PLACE.
- THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING MUNICIPALITY.
- WHEN A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE (3) DAYS, SEDIMENT AND EROSION CONTROL MEASURES WILL BE IMPLEMENTED.
- THE CONTRACTOR SHALL MAKE AN EFFORT TO MINIMIZE USE OF HEAVY EQUIPMENT WITHIN THE DESIGNATED DRAINAGE FACILITIES.

STORM SEWER NOTES

- ALL STORM SEWER SHALL CONFORM TO THE REQUIREMENTS OF STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.
- MATERIAL SHALL BE:
 - REINFORCED CONCRETE PIPE (RCP) UNLESS OTHERWISE NOTED ON THE PLANS, WHICH SHALL MEET OR EXCEED THE PERFORMANCE REQUIREMENTS OF ASTM C-76, CLASS IV IN R.O.W. AREAS AND CLASS III IN GRASSED AREAS UNLESS OTHERWISE INDICATED ON THE PLANS.
 - POLYVINYL CHLORIDE PIPE (PVC), WHERE INDICATED ON THE PLANS, WHICH SHALL MEET OR EXCEED THE PERFORMANCE REQUIREMENTS OF ASTM D-3034, SDR-35.
- JOINTS SHALL BE:
 - FOR RCP: BELL & SPIGOT TYPE WITH BITUMINOUS MASTIC OR "O" RING. GASKETED JOINTS SHALL BE USED ON ALL STORM SEWERS 18" OR LARGER THAT ARE LOCATED ON SIDE LOT LINES (BETWEEN HOMES).
 - FOR PVC: RING-TITE TYPE PER ASTM C-36.
- BEDDING SHALL BE AS DETAILED ON THE ENGINEERING PLAN.
- SIZE SHALL BE AS INDICATED ON THE ENGINEERING PLAN.
- CASTING/COVERS: WHEN USED ON MANHOLES W/FLAT TOPS, MINIMUM 4" ADJUSTING RINGS SHALL BE USED.
 - MANHOLE FRAME AND COVER - E.J.I.W. NO. 1058 OR NEENAH R-1550 EMBOSSED "STORM" WITH TYPE A HEAVY DUTY COVER.
 - YARD INLET - E.J.I.W. NO. 1020 WITH TYPE M2 FLAT GRATE NEENAH R-4340 B.
- THE COST OF CONNECTING EXISTING DRAIN TILE, SUMP PUMP LINES, AND ABANDONING AND SEALING DRAINAGE LINES WHICH ARE NOT INCORPORATED INTO THE PROPOSED IMPROVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

LEGEND

PROPOSED	EXISTING	
		- SANITARY MANHOLE
		- SANITARY FLOW
		- SANITARY FORCE MAIN
		- STORM MANHOLE
		- CATCH BASIN
		- INLET
		- FLARED END SECTION
		- STORM FLOW
		- WATER VALVE
		- BUFFALO BOX
		- FIRE HYDRANT
		- WATER MAIN
		- SURFACE FLOW
		- LIGHT FIXTURES
		- SIGNS
		- CONTOURS
		- UNDERGROUND PHONE LINE
		- UNDERGROUND ELECTRICAL LINE
		- UNDERGROUND GAS LINE
		- UNDERGROUND TELEVISION LINE
		- FLOOD ROUTE
		- SOIL EROSION, STRAW BALE PROTECTION FOR STRUCTURES
		- SOIL EROSION, GEOTEXTILE PROTECTION FOR STRUCTURES (IN PARKING AREAS)
		- SOIL EROSION, STRAW BALE PROTECTION FOR CULVERTS & FLARED ENDS
		- SOIL EROSION, DITCH CHECKS
		- SILT FENCE

MORRIS ENGINEERING, INC.

5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JVV
 JOB NO.: 04-PH-3003 SCALE: NTS

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

NOTES AND STANDARD SYMBOLS

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	2
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

OF 40 SHEETS

PLT: DATE: 5/24/07, SW: 10: 2007, FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	3
F.H.W.A. REG.	ILLINOIS	PROJECT:		

83957

ITEM #	PAY ITEM #	PAY ITEM DESCRIPTION	UNIT	1000		
				TOTAL QUANTITY	ROADWAY QUANTITY	DRAINAGE QUANTITY
1	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	129	129	
2	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	154	154	
3	20101000	TEMPORARY FENCE	FOOT	373	373	
4	20101100	TREE TRUNK PROTECTION	EACH	23	23	
5	20101200	TREE ROOT PRUNING	EACH	10	10	
6	20101400	NITROGEN FERTILIZER NUTRIENT	POUND	225	225	
7	20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135	135	
8	20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	90	90	
9	20101700	SUPPLEMENTAL WATERING	UNIT	168	168	
10	20200100	EARTH EXCAVATION	CU YD	7288	7288	
11	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	365	365	
12	20201500	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	3560	3560	
13	20700220	POROUS GRANULAR EMBANKMENT	CU YD	885	885	
14	20800150	TRENCH BACKFILL	CU YD	3015		3015
15	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	11344	11344	
16	25000100	SEEDING, CLASS 1	ACRE	0.03		0.03
17	25100630	EROSION CONTROL BLANKET	SQ YD	150		150
18	25200110	SODDING, SALT TOLERANT	SQ YD	11344	11344	
19	25301200	TREES	EACH	40	40	
20	28000300	TEMPORARY DITCH CHECKS	EACH	23		23
21	28000400	PERIMETER EROSION BARRIER	FOOT	9101		9101
22	28000500	INLET AND PIPE PROTECTION	EACH	62		62
23	28101400	RIPRAP	SQ YD	16		16
24	40300100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	7628	7628	
25	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	5351	5351	
26	40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1712	1712	
27	42400800	DETECTABLE WARNINGS	SQ FT	120	120	
28	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	2007	2007	
29	50105220	PIPE CULVERT REMOVAL	FOOT	3246		3246
30	54200427	PIPE CULVERTS, TYPE 1 RCCP 12"	FOOT	437		437
31	54206769	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE, EQUIVALENT ROUND-SIZE 54"	FOOT	60		60
32	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTION 12"	EACH	4		4
33	54213683	PRECAST REINFORCED CONCRETE FLARED END SECTION 18"	EACH	1		1
34	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTION 24"	EACH	1		1
35	54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1		1
36	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	1717		1717
37	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	338		338
38	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	1102		1102
39	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	49		49
40	550A0200	STORM SEWERS, CLASS A, TYPE 1 54"	FOOT	622		622
41	56103300	DUCTILE IRON WATER MAIN 12"	FOOT	2837		2837
42	56200300	WATER SERVICE LINE 1"	FOOT	1265		1265
43	56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	14		14
44	60107700	PIPE UNDERDRAINS 4"	FOOT	525		525
45	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6		6
46	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	15		15
47	60214400	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER, TYPE 8 GRATE	EACH	5		5
48	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	8		8
49	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1
50	60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1		1
51	60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1		1
52	60236510	INLETS, TYPE A, TYPE 8 GRATE (36" DEPTH)	EACH	1		1
53	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2		2
54	60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2		2
55	60500040	REMOVING MANHOLES	EACH	22		22
56	67100100	MOBILIZATION	L SUM	1	1	
57	70101900	TRAFFIC CONTROL AND PROTECTION (DETOUR 1)	L SUM	1	1	
58	70103800	TRAFFIC CONTROL (SPECIAL)	L SUM	1	1	
59	72000100	SIGN PANEL - TYPE 1	SQ FT	315	315	
60	72900300	METAL POSTS	FOOT	510	510	
61	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	560	560	
62	88600600	DETECTOR LOOP REPLACEMENT	FOOT	208	208	
63	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	27	27	
64	X0656100	DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT	SQ YD	3582	3582	
65	X6331009	REMOVE AND REPLACE STEEL PLATE BEAM GUARDRAIL, SPECIAL	FOOT	54	54	
66	XX000052	REMOVE EXISTING WATERMAIN	FOOT	2837	2837	
67	XX003424	CONNECTION TO EXISTING STRUCTURE	EACH	15		15
68	XX003435	PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	295	295	
69	XX003822	STORM SEWER REMOVAL, SPECIAL	FOOT	3490		3490
70	XX003915	BRICK WALL	FOOT	35	35	
71	XX004774	BRICK DRIVEWAY REMOVAL AND REPLACEMENT	SQ FT	1646	1646	
72	XX004907	GATE VALVE 12" WITH VAULT, 5' DIAMETER	EACH	3	3	
73	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	1587	1587	
74	Z0076600	TRAINEES	HOOR	1000	1000	
75	XX007091	STABILIZED TURF SHOULDER	SQ YD	2007	2007	

*SPECIALTY ITEMS
 Δ X080

PLOT DATE: 04-09-07
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg

MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JUV
 JOB NO.: 04-PH-3003 SCALE: NTS

76TH AVENUE RECONSTRUCTION 127TH STREET TO ILLINOIS ROUTE 83			
SUMMARY OF QUANTITIES			
DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	3
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

OF 40 SHEETS

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	4
F.H.W.A. REG.		ILLINOIS	PROJECT:	
83957				

MECHANISTIC DESIGN FLEXIBLE PAVEMENT

Urban Class II Roadway ADT = 3500
 PV = 3462 P = S = M = 50%
 SU = 28
 MU = 10 SSR = FAIR
 DP = 20 YRS

USE TRAFFIC FACTOR EQ 54-5.2

$$TF = DP \left[\frac{(0.15 \times P \times PV) + (112.06 \times S \times SU) + (385.44 \times M \times MU)}{1 \times 10^6} \right]$$

$$= 20 \left[\frac{(0.15 \times 0.5 \times 3462) + (112.06 \times 0.5 \times 28) + (385.44 \times 0.5 \times 10)}{1 \times 10^6} \right]$$

$$= 20 \left[\frac{259.65 + 1568.84 + 1927.2}{1 \times 10^6} \right] = 20(0.003755)$$

TF = 0.075 ACTUAL

TF = 0.50 MINIMUM

AC MICTURE TEMP = 78°F

N70 PG 64-22 AC 20
 E_{AC} = 598

DESIGN AC STRAIN = 130

THICKNESS = 8.25"

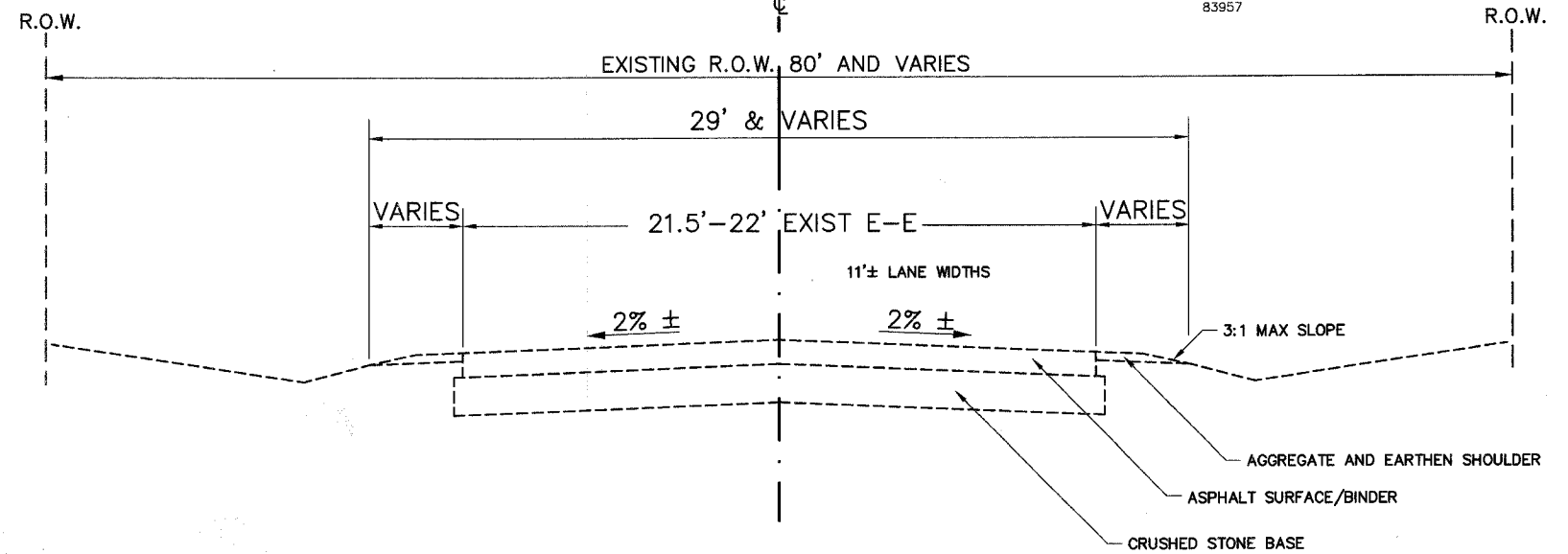
STRUCTURAL DESIGN TRAFFIC:	Year	20
PV = 3462	SU = 28	MU = 10
ROAD/STREET CLASSIFICATION:	Class 11 URBAN	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 50	S = 50	M = 50
TRAFFIC FACTOR:	Actual TF = 0.075	AC Type = 20
	Minimum TF = 0.5	
PG GRADE:	Binder = 64-22	Surface = 64-22
SUBGRADE SUPPORT RATING:	SSR = FAIR (Sta. 53+00 to 106+00)	
	SSR = (Sta. to)	

HOT-MIX MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	VOIDS
FULL DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 2"	PG 64-22	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PG 64-22*	4% @ 70 GYR
DRIVEWAYS		
HMA SURFACE COURSE, MIX C, N 50 (IL 9.5 mm); 2"	PG 64-22	4% @ 50 GYR
** HMA BASE COURSE (HMA BINDER IL-19 mm); PE -6", CE - 8"	PG 64-22*	4% @ 50 GYR

The Unit Weight used to calculate all Hot-Mix Asphalt Surface Mixture Quantities is 112 lbs/sq yd/in

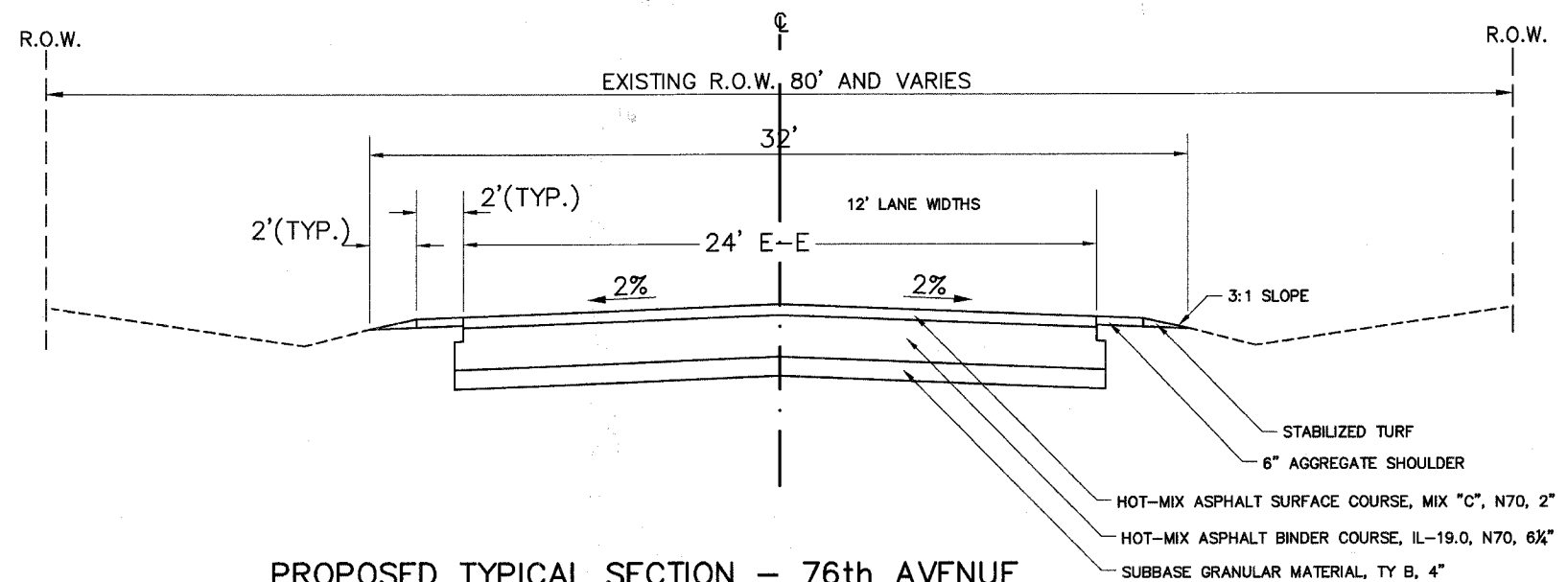
* When RAP exceeds 20%, the new asphalt binder in the mix shall be PG 58-22.

** Use 8" Aggregate Base Course, Type B



NOTE:
 STA. 53+10 TO STA. 75+00 - EXISTING CENTERLINE ROAD VARIES 0-2.5' LEFT OF CENTERLINE ROW
 STA. 75+00 TO STA. 105+93 - EXISTING CENTERLINE ROAD VARIES 0-3.5' RIGHT OF CENTERLINE ROW
 11'± LANE WIDTHS

EXISTING TYPICAL SECTION - 76th AVENUE STA. 53+00 TO STA. 106+00



PROPOSED TYPICAL SECTION - 76th AVENUE STA. 53+00 TO STA. 106+00

MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM

LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JUV
 JOB NO.: 04-PH-3003 SCALE: NTS

**76TH AVENUE RECONSTRUCTION
127TH STREET TO ILLINOIS ROUTE 83
TYPICAL ROAD CROSS SECTION
STA. 53+00 TO STA. 106+00**

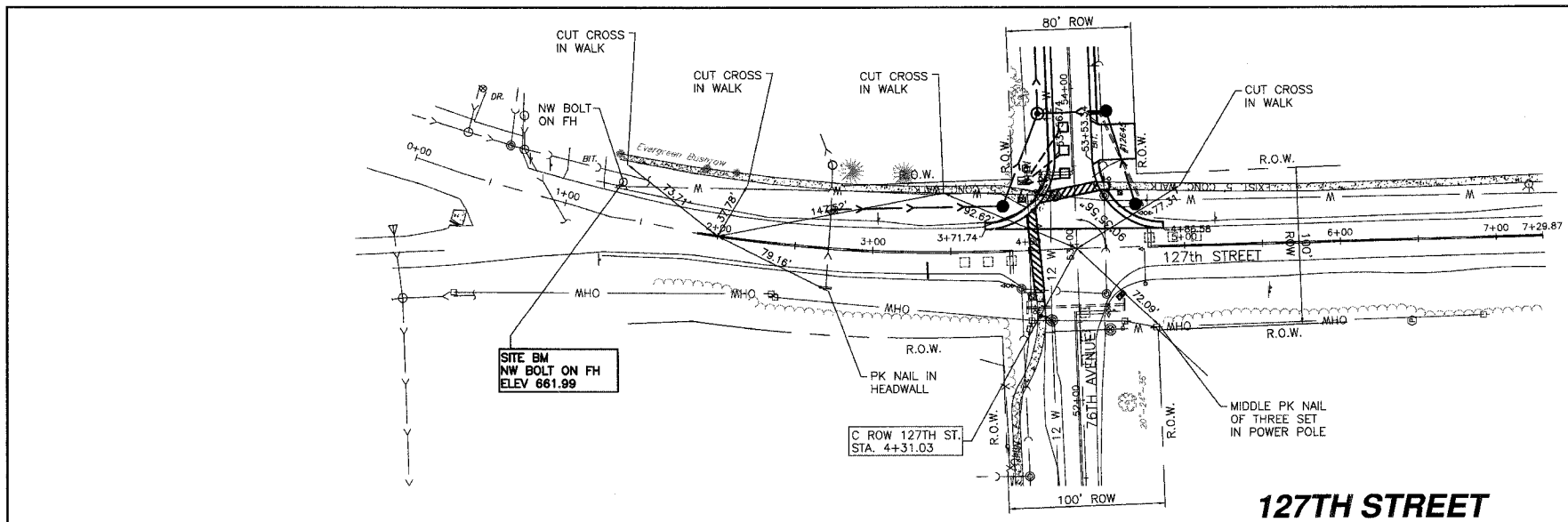
DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	4
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

4

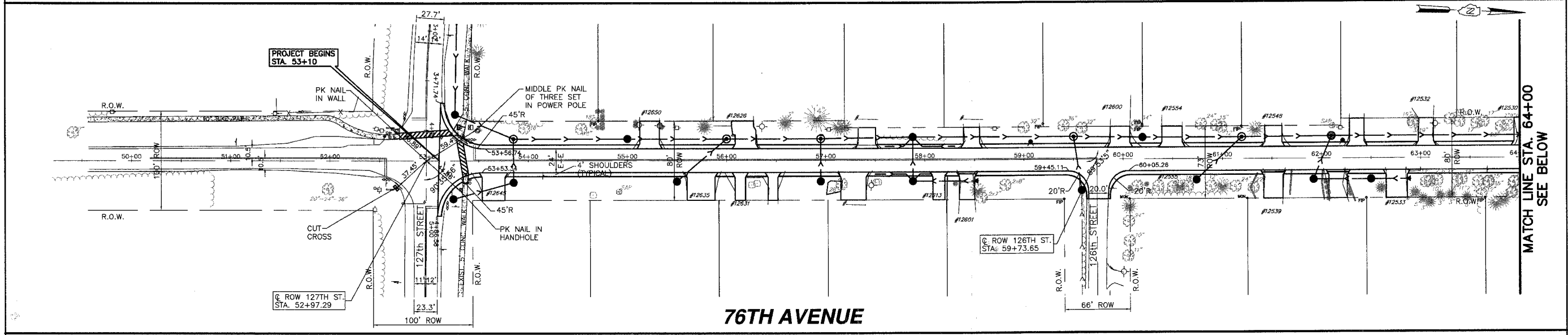
OF 40 SHEETS

PLOT DATE: Sep 04, 2007 FILE NAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg

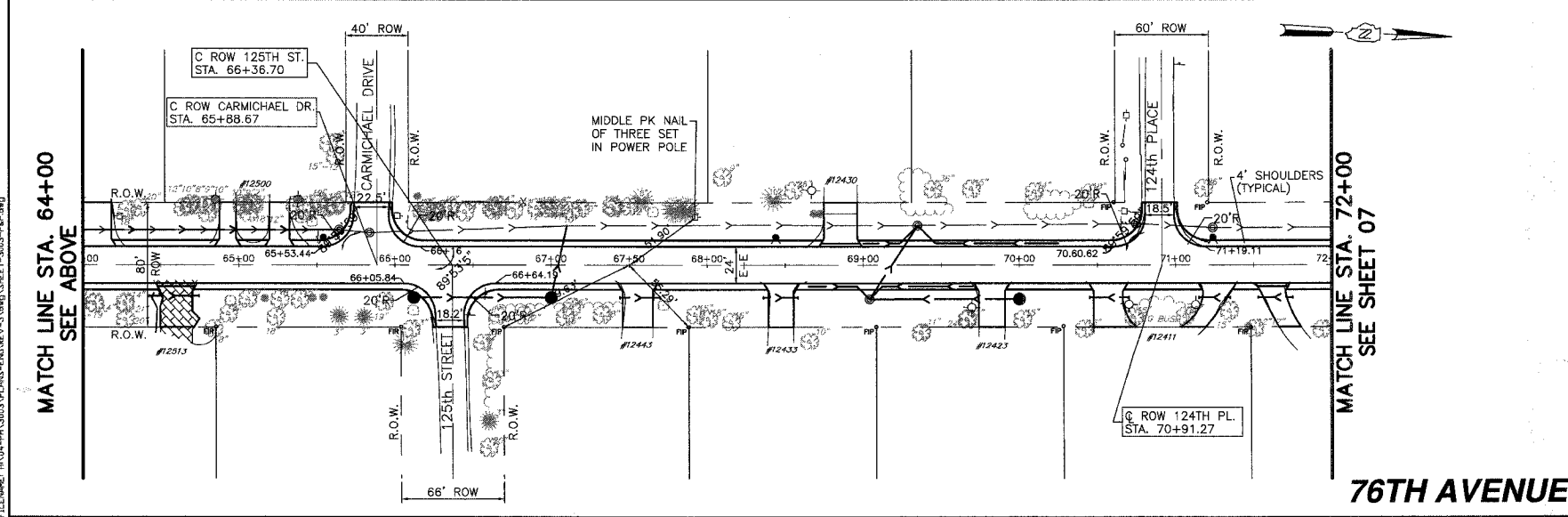
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	6
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



127TH STREET



76TH AVENUE



76TH AVENUE

PLOT DATE: SEP 04, 2007
 FILENAME: I:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-3003-P&P.dwg

MATCH LINE STA. 64+00
 SEE ABOVE

MATCH LINE STA. 72+00
 SEE SHEET 07

MATCH LINE STA. 64+00
 SEE BELOW

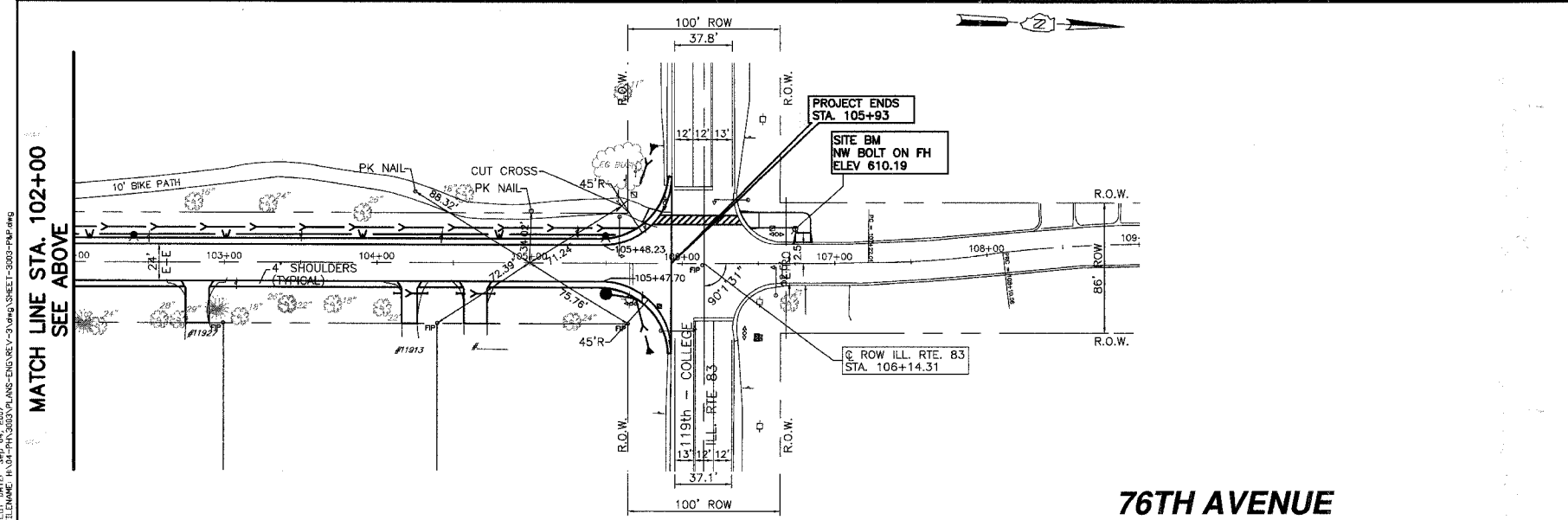
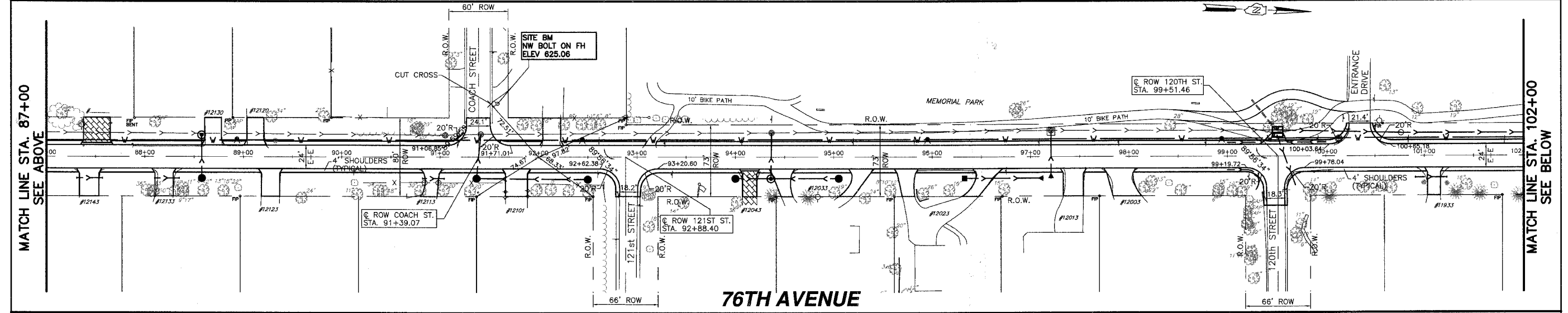
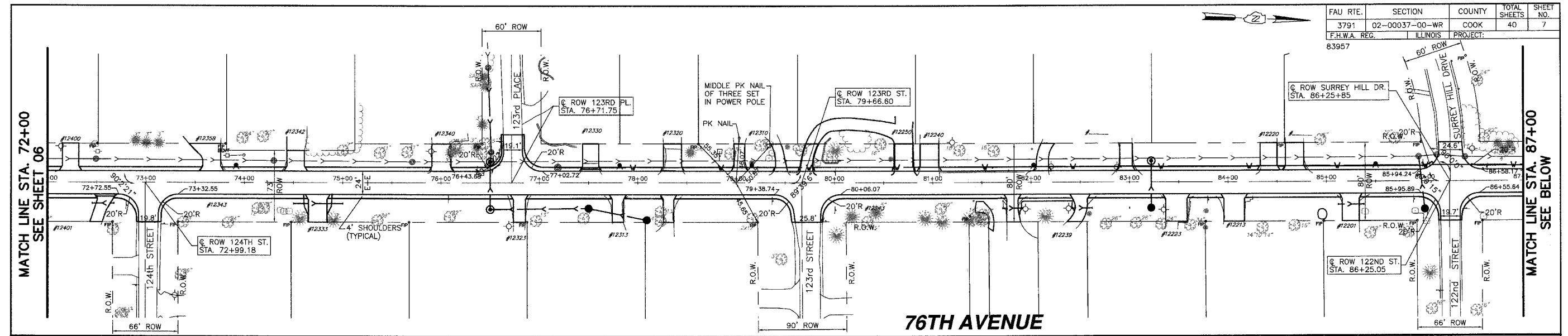
MORRIS ENGINEERING, INC.

5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-3003-P&P.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JUV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83
 ALIGNMENT, TIES AND BENCHMARKS
 STA. 0+00 TO 7+30 & 53+00 TO 72+00**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	6 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	7
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



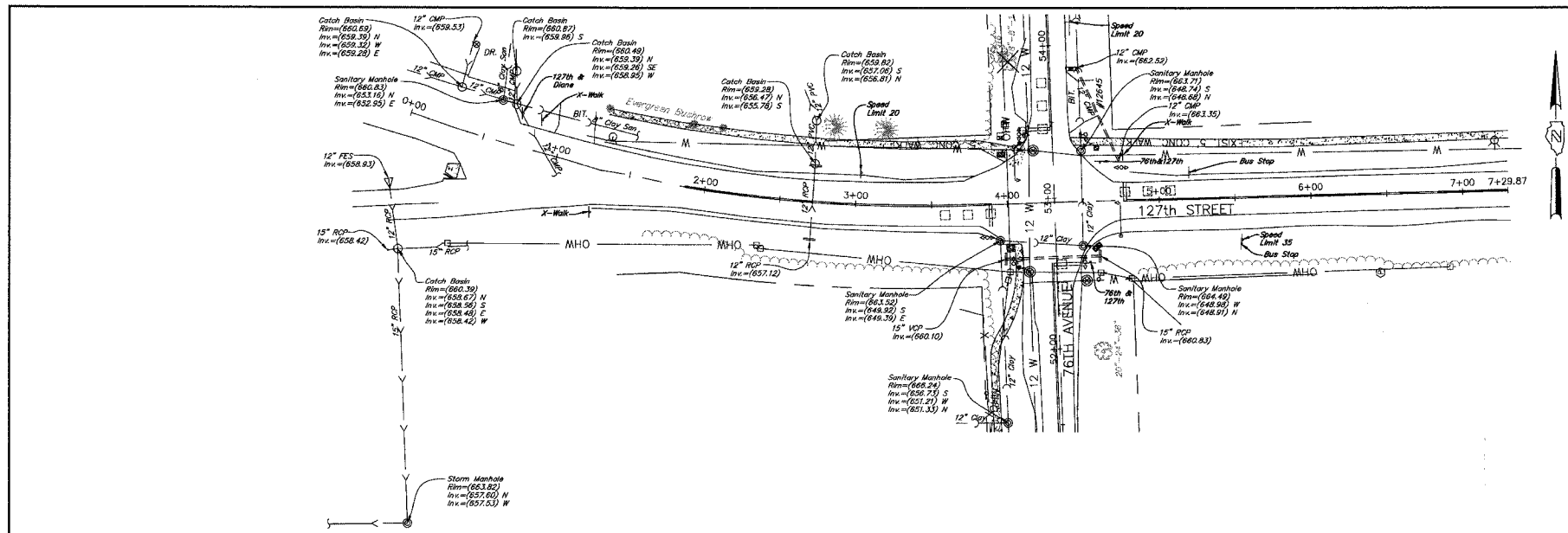
MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630) 271-0770 • WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-3003-P&P.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

76TH AVENUE RECONSTRUCTION 127TH STREET TO ILLINOIS ROUTE 83 ALIGNMENT, TIES AND BENCHMARKS STA. 72+00 TO STA. 109+00				
DATE	REVISIONS	BY	SHEET	
1 5-09-07	PER IDOT REVIEW	RAC		7 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC		
3 9-04-07	PER IDOT REVIEW	RAC		
4				

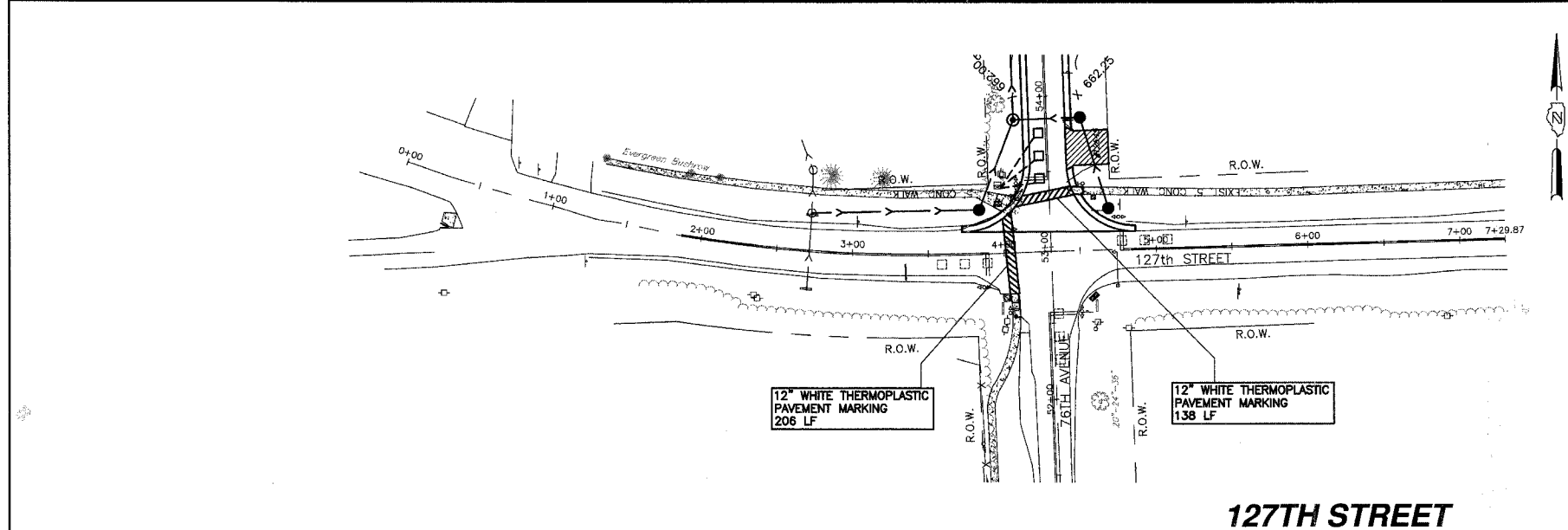
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	8
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				

NOTES:
 ALL FIRE HYDRANTS ALONG 76TH AVENUE WITHIN LIMITS OF CONSTRUCTION SHALL BE RELOCATED 2' BEHIND PROPOSED SHOULDER.
 ALL MAILBOXES ALONG 76TH AVENUE THAT ARE TO BE RELOCATED, POSTS SHALL BE AT THE PROPOSED SHOULDER.
 MAILBOX RELOCATION QUANTITIES ARE FOR INFORMATION ONLY.
 MAILBOX RELOCATION SHALL BE INCIDENTAL.

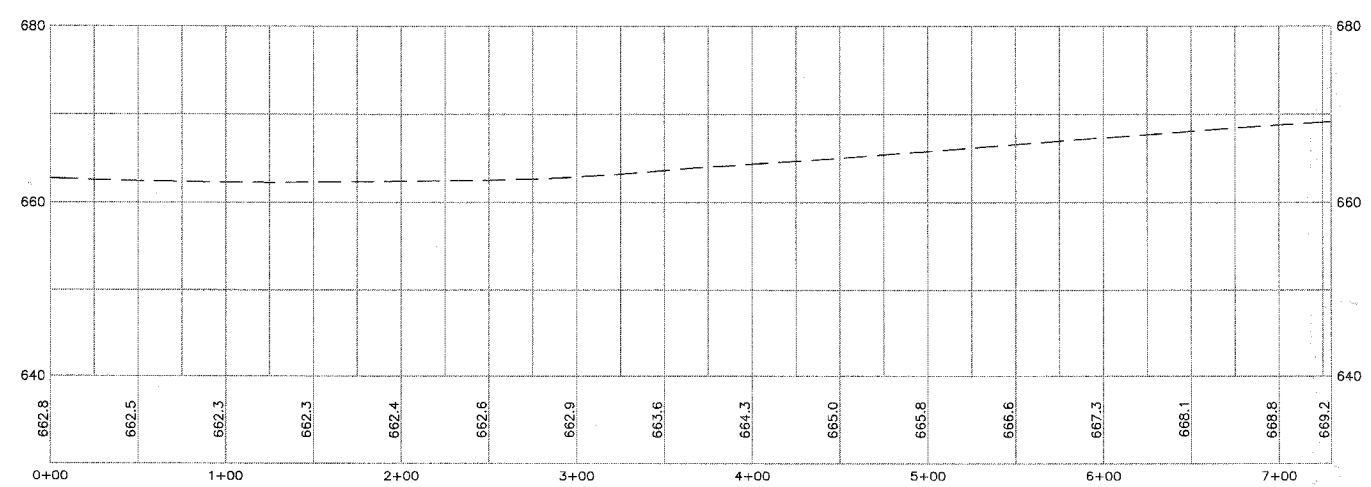


EXISTING CONDITION



127TH STREET

PROPOSED IMPROVEMENT



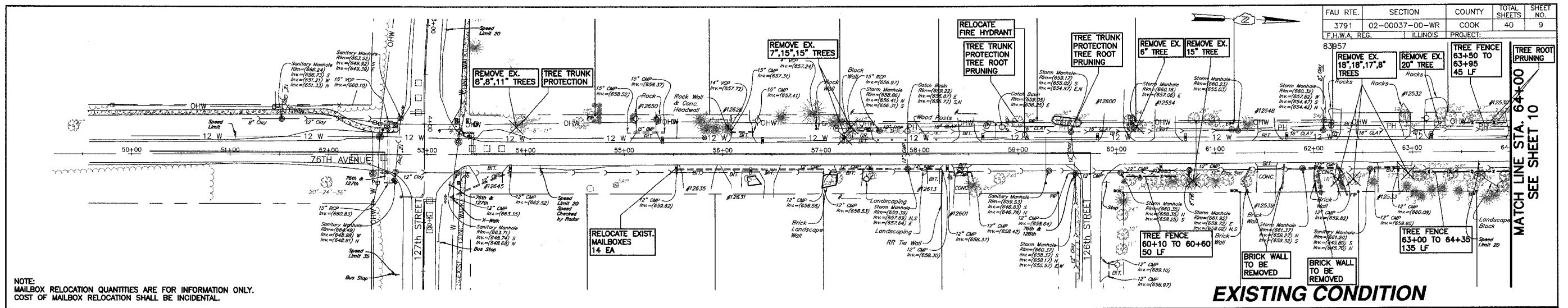
MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83
 PLAN & PROFILE - 127TH STREET
 STA. 0+00 TO STA. 7+30**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	8 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

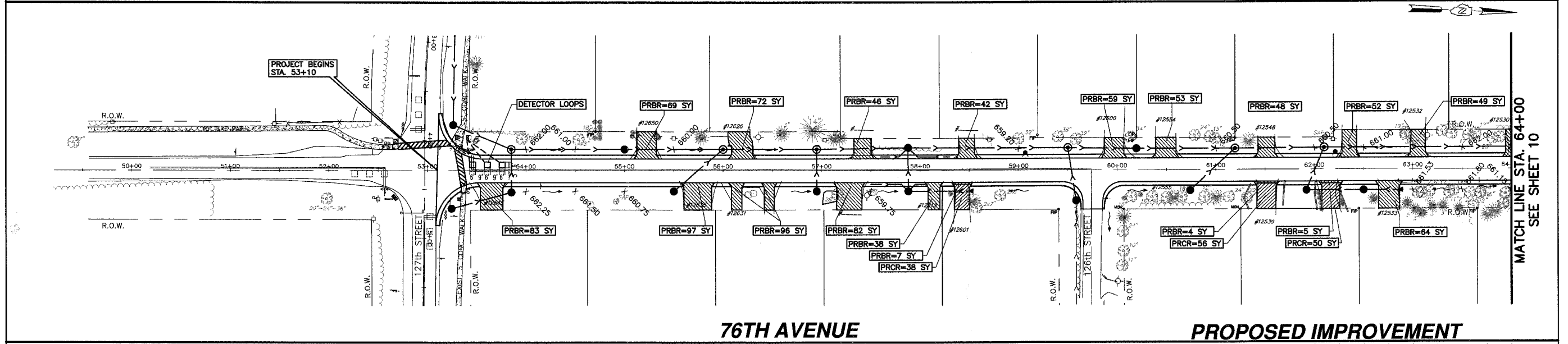
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	9
F.H.W.A. REG.	ILLINOIS	PROJECT:		



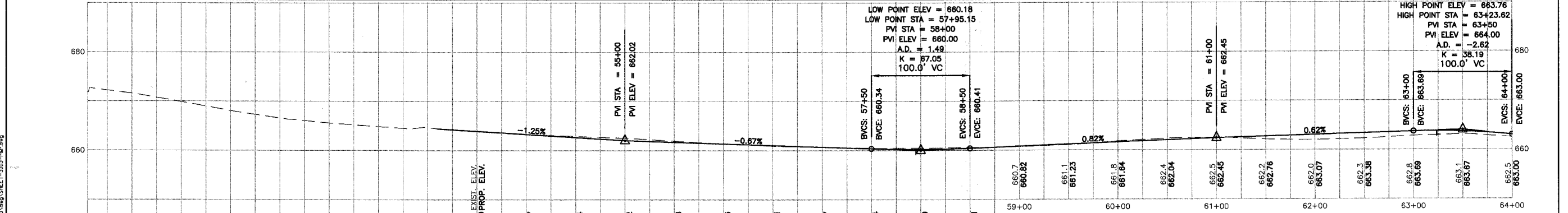
NOTE:
MAILBOX RELOCATION QUANTITIES ARE FOR INFORMATION ONLY.
COST OF MAILBOX RELOCATION SHALL BE INCIDENTAL.

EXISTING CONDITION



76TH AVENUE

PROPOSED IMPROVEMENT

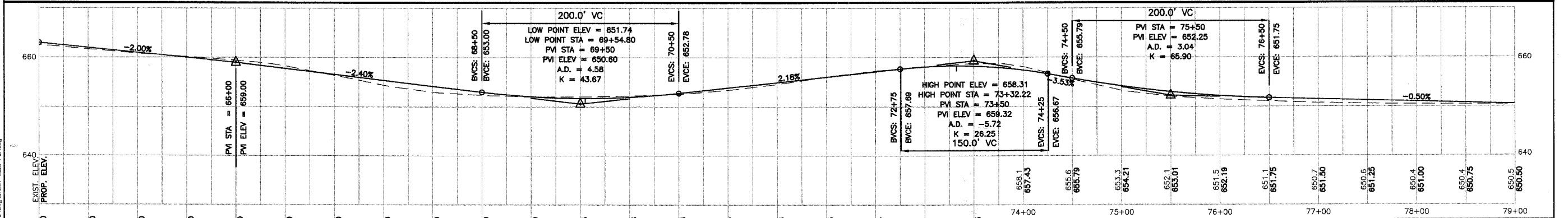
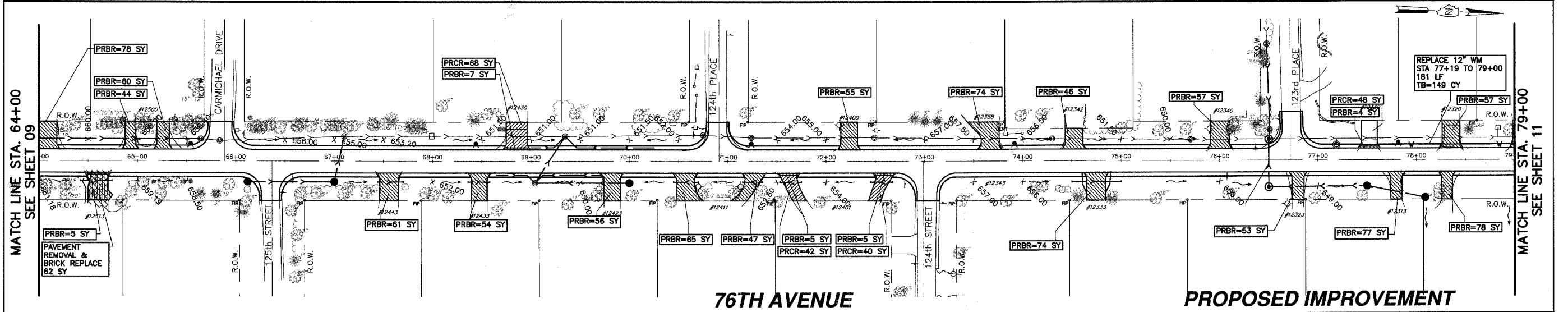
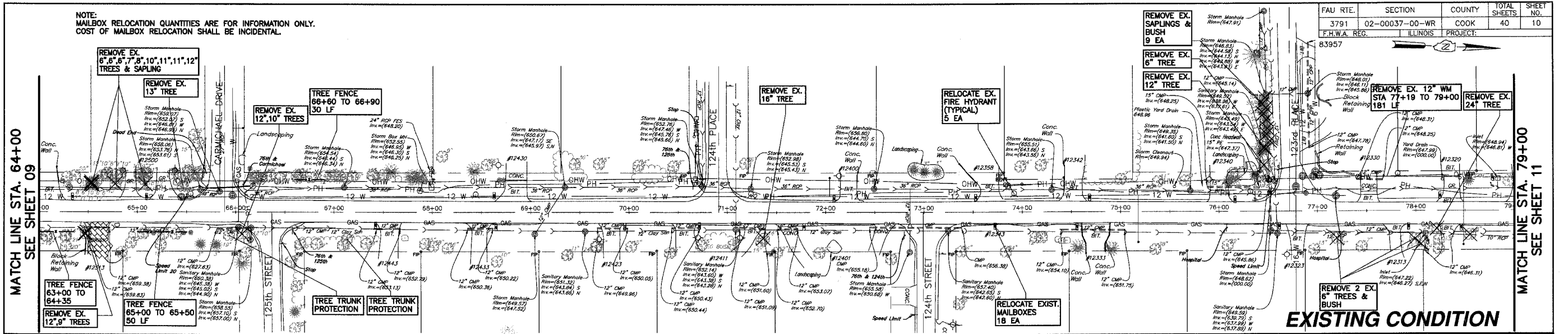


MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630) 271-0770 • WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83
 PLAN & PROFILE - 76TH AVENUE
 STA. 53+00 TO STA. 64+00**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	9 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

PLOT DATE: SEP 24, 2007
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PLOT DATE: Sep 04, 2007
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg

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LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

76TH AVENUE RECONSTRUCTION
127TH STREET TO ILLINOIS ROUTE 83

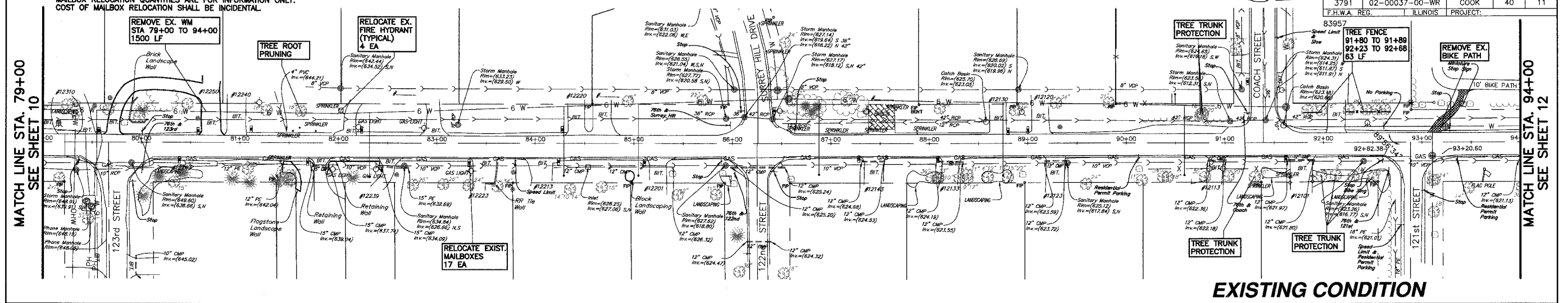
PLAN & PROFILE - 76TH AVENUE
STA. 64+00 TO STA. 79+00

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	10
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

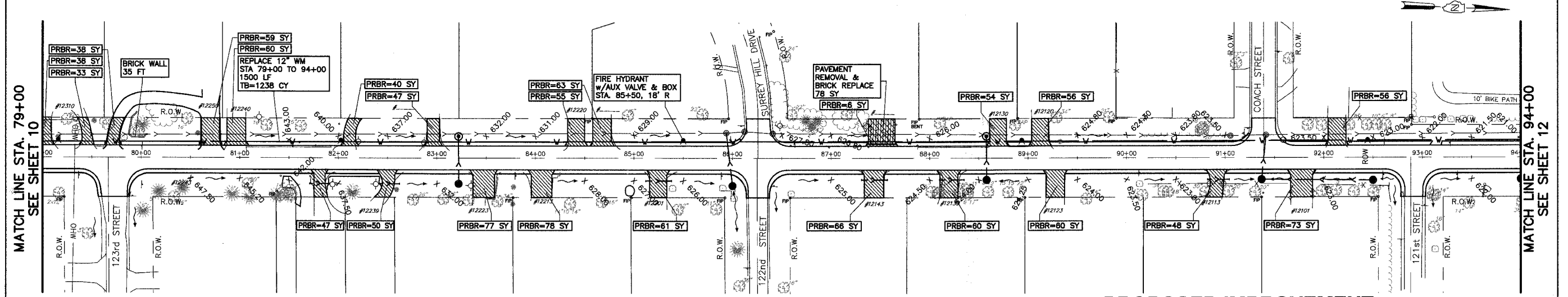
OF 40 SHEETS

NOTE: MAILBOX RELOCATION QUANTITIES ARE FOR INFORMATION ONLY. COST OF MAILBOX RELOCATION SHALL BE INCIDENTAL.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	11
F.H.W.A. REG.	ILLINOIS PROJECT:			

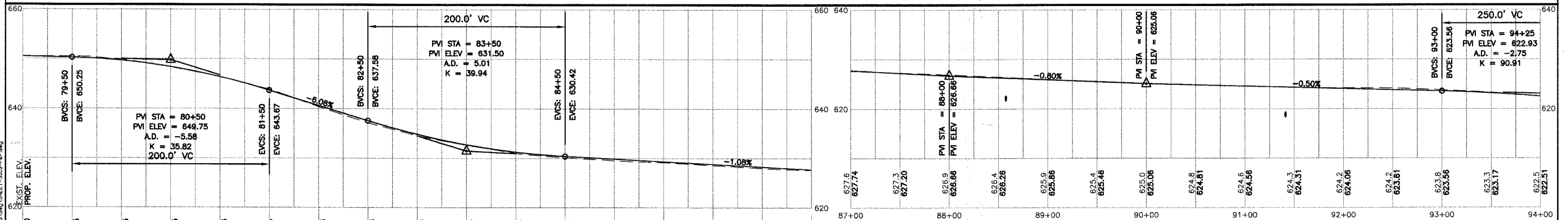


EXISTING CONDITION



76TH AVENUE

PROPOSED IMPROVEMENT



PLOT DATE: Sep 04, 2007
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**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83
 PLAN & PROFILE - 76TH AVENUE
 STA. 79+00 TO STA. 94+00**

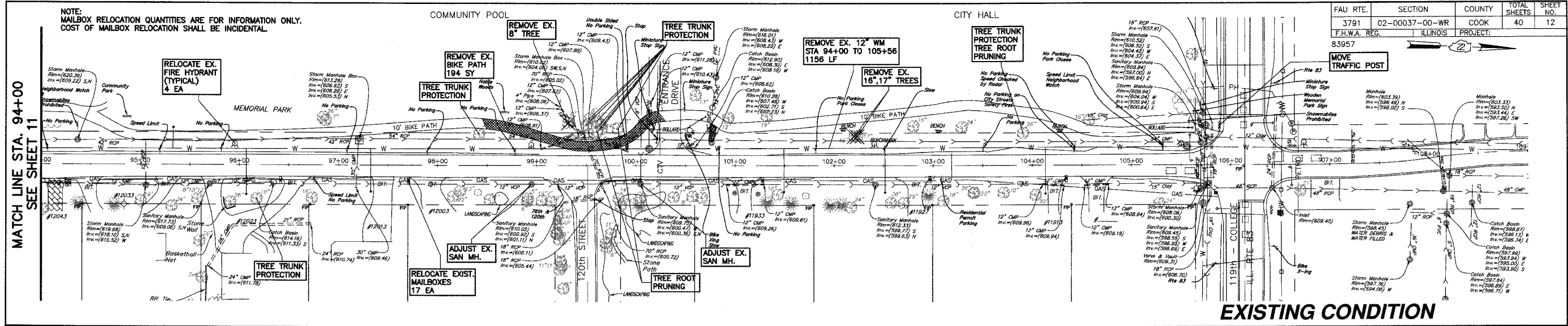
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DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	11 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

NOTE:
MAILBOX RELOCATION QUANTITIES ARE FOR INFORMATION ONLY.
COST OF MAILBOX RELOCATION SHALL BE INCIDENTAL.

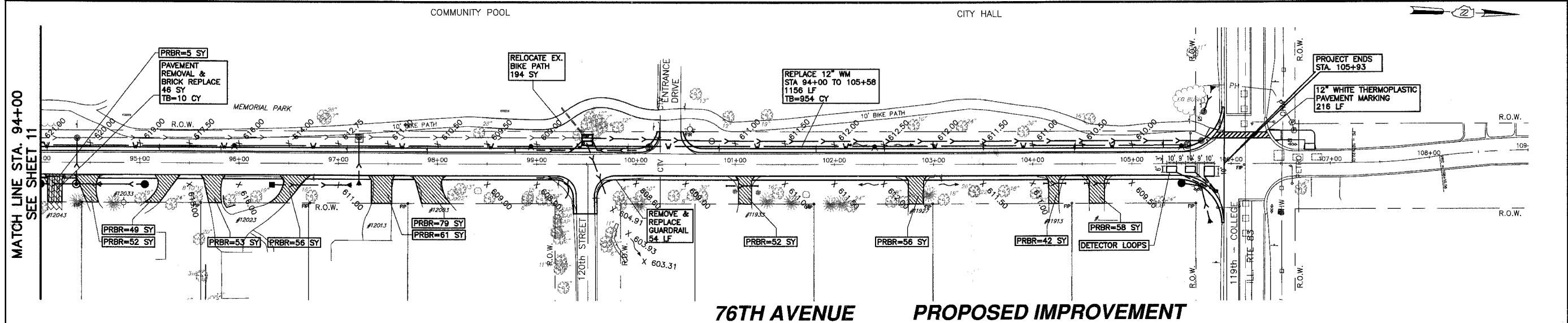
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3791	02-00037-00-WR	COOK	40	12
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				

MATCH LINE STA. 94+00
SEE SHEET 11

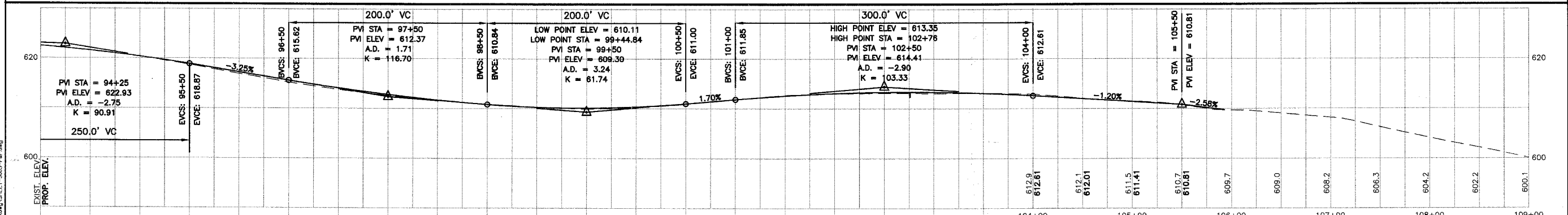


EXISTING CONDITION

MATCH LINE STA. 94+00
SEE SHEET 11



76TH AVENUE PROPOSED IMPROVEMENT



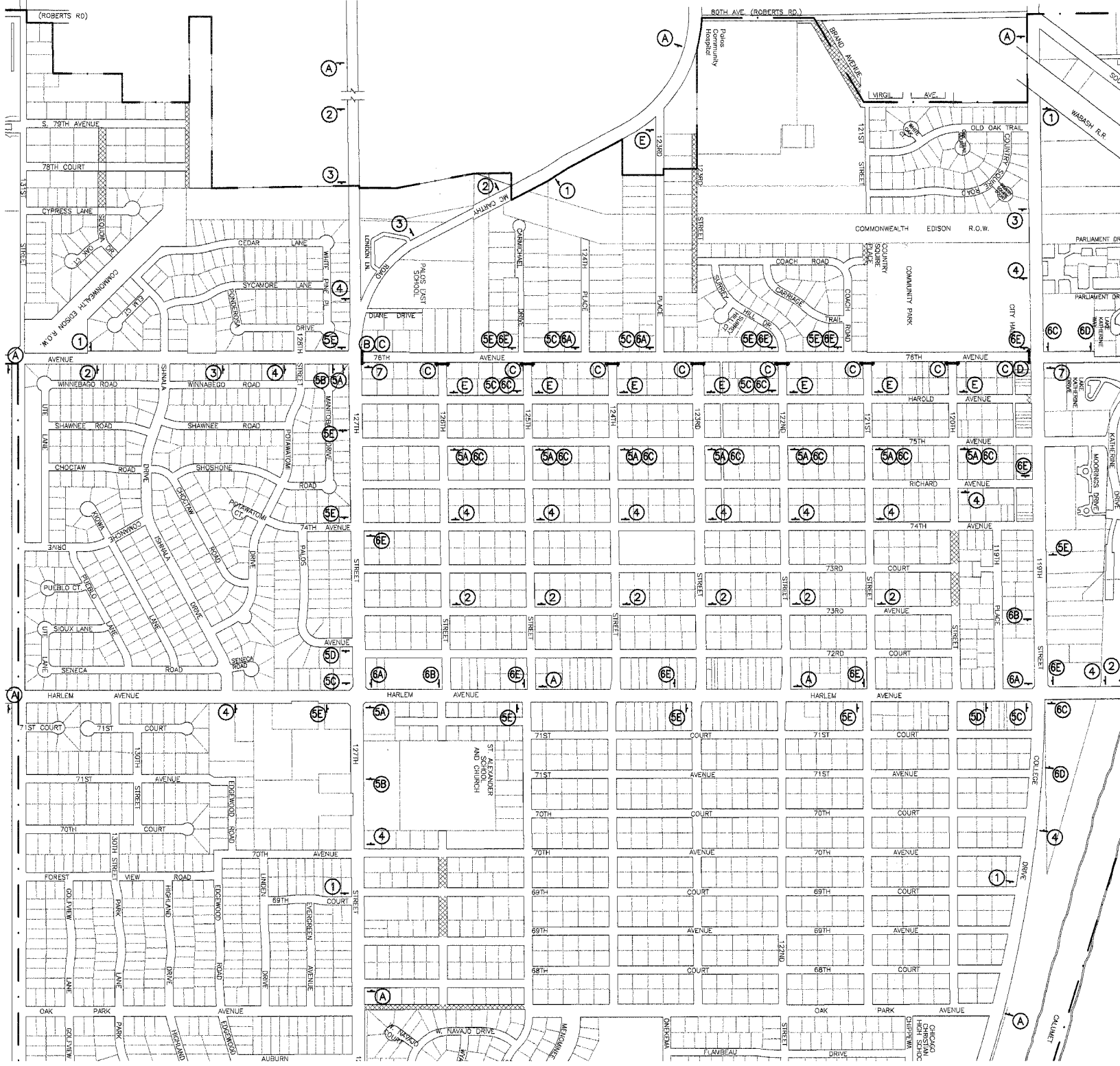
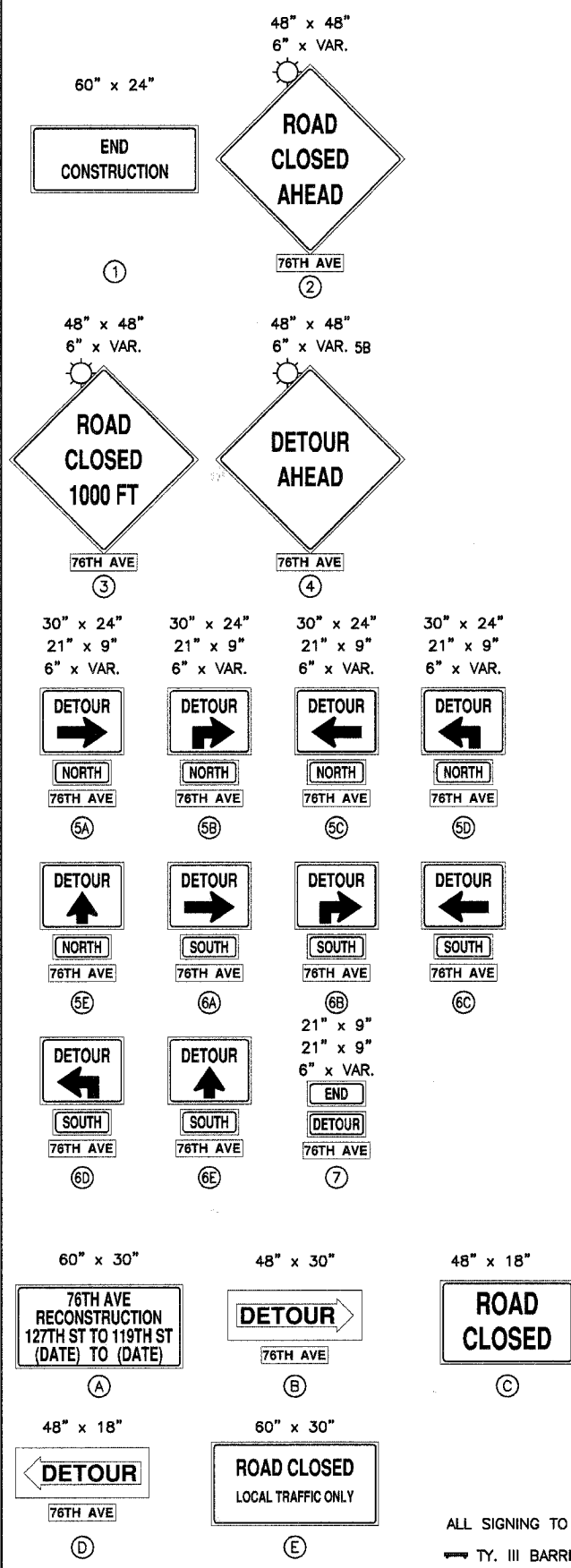
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MORRIS ENGINEERING, INC.
5100 LINCOLN AVE Lisle, ILLINOIS 60532
PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM

LOCATION: H:\04-PH-3003\PLANS-ENG\REV-3\DWG\SHEET-3003-P&P.dwg
DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

**76TH AVENUE RECONSTRUCTION
127TH STREET TO ILLINOIS ROUTE 83
PLAN & PROFILE - 76TH AVENUE
STA. 94+00 TO STA. 109+00**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	12 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			



- NOTES:**
- This item shall be performed in accordance with the Standard Specifications for Road and Bridge Construction, Section 900; applicable guidelines in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways; and the applicable Highway Standards for Traffic Control; unless herein revised.
 - The Type III Barricades are to be placed in accordance with the applicable Traffic Control Standards unless the Engineer directs that alternate arrangement be used.
 - No construction shall begin until all TRAFFIC CONTROL is in place and approved by the Engineer.
 - When any construction operations are performed, all signs, barricades, cones, warning lights, etc. shall be installed in accordance with the Standards. Arrow boards shall be required for all lane closures. Whenever traffic is restricted to one lane of roadway, Standard 701501-02 shall be followed.
 - Relocation or removal of existing traffic control signs and devices in conflict with construction shall be done at the contract price for Mailbox and Sign Relocation. Any signs or devices left in place are to be protected from damage by the Contractor, and any damage caused by construction will be paid for by the Contractor.
 - Type I or Type II Barricades, or Vertical Panels, with Mono-Directional Steady-Burn Lights shall be required along temporary roads and side streets to delineate the traveled way within the construction. The maximum spacing shall be 100' center to center.
 - Any drop-off greater than three inches but less than six inches, within eight feet of the pavement edge, shall be protected by Type I or Type II Barricades equipped with Mono-Directional Steady-Burn Lights at 100' center to center spacing. If the drop-off within eight feet of the pavement exceeds six inches, the barricades mentioned above shall be placed at 50' center to center spacing. Barricades that must be placed in excavated areas shall have leg extensions installed such that the top of the barricade is in compliance with the height requirements of Standard 2298-12.
 - Type I or Type II Barricades with two way flashing lights shall be required at all open trenches, excavations, open or exposed sewer structures, transverse pavement joints, materials, equipment within the right-of-way (number and spacing depends on the conditions), and at locations designated by the Engineer or local law enforcement agencies.
 - The cost of supplying, erecting, and maintaining barricades, warning lights, arrow boards, and signs will be included in the contract lump sum price for TRAFFIC CONTROL AND PROTECTION.
 - The following Traffic control standards are noted as minimum guides in implementing the traffic control for this project:
702001 TRAFFIC CONTROL DEVICES
701501 TRAFFIC CONTROL
 - Traffic Control depicted is the minimum requirement. Other signs or barricades may be required by the Engineer to cover unforeseen situations or project sequencing. Adherence to this Traffic Control Plan does not relieve the Contractor from liability or responsibility in providing complete traffic safety for motorists and construction personnel.

LEGEND

- ALL SIGNING TO BE BLACK LETTERS ON AN ORANGE BACKGROUND
- TY. III BARRICADES WITH TWO WAY WARNING LIGHTS
- SIGN ON PERMANENT SUPPORT WITH MONO DIRECTIONAL WARNING LIGHTS & ORANGE FLAG ATTACHED
- SIGN DESIGNATION

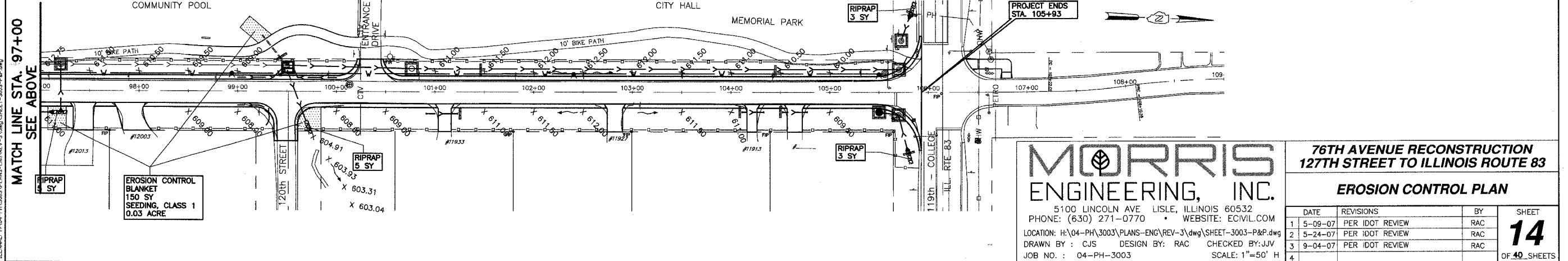
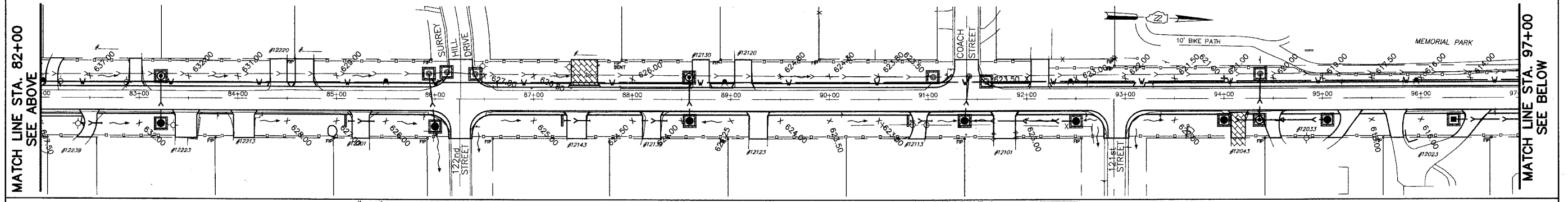
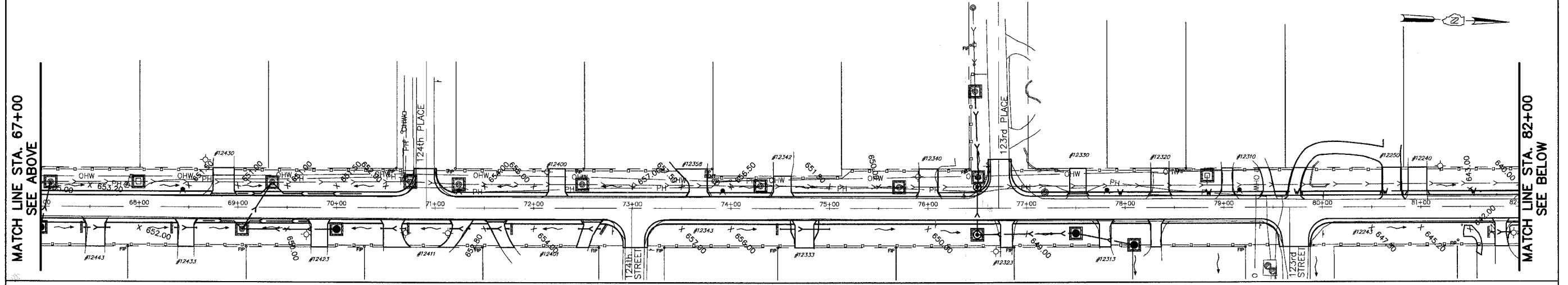
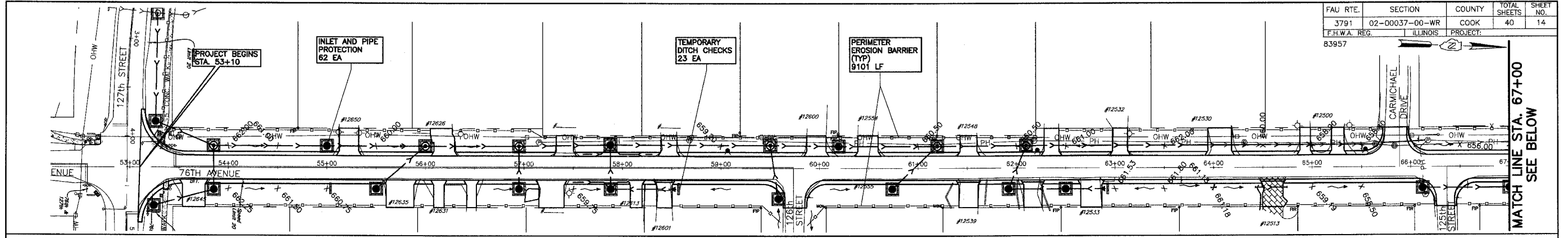
MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM
 H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TRAFFIC CONTROL.dwg
 DRAWN BY : CJS DESIGN BY: RAC CHECKED BY: JVV
 JOB NO. : 04-PH-3003 SCALE: 1"=500'

**76TH AVENUE RECONSTRUCTION
127TH STREET TO ILLINOIS ROUTE 83**

TRAFFIC CONTROL PLAN

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	13 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	14
F.H.W.A. REG.	ILLINOIS PROJECT:			
83957				



MORRIS ENGINEERING, INC.

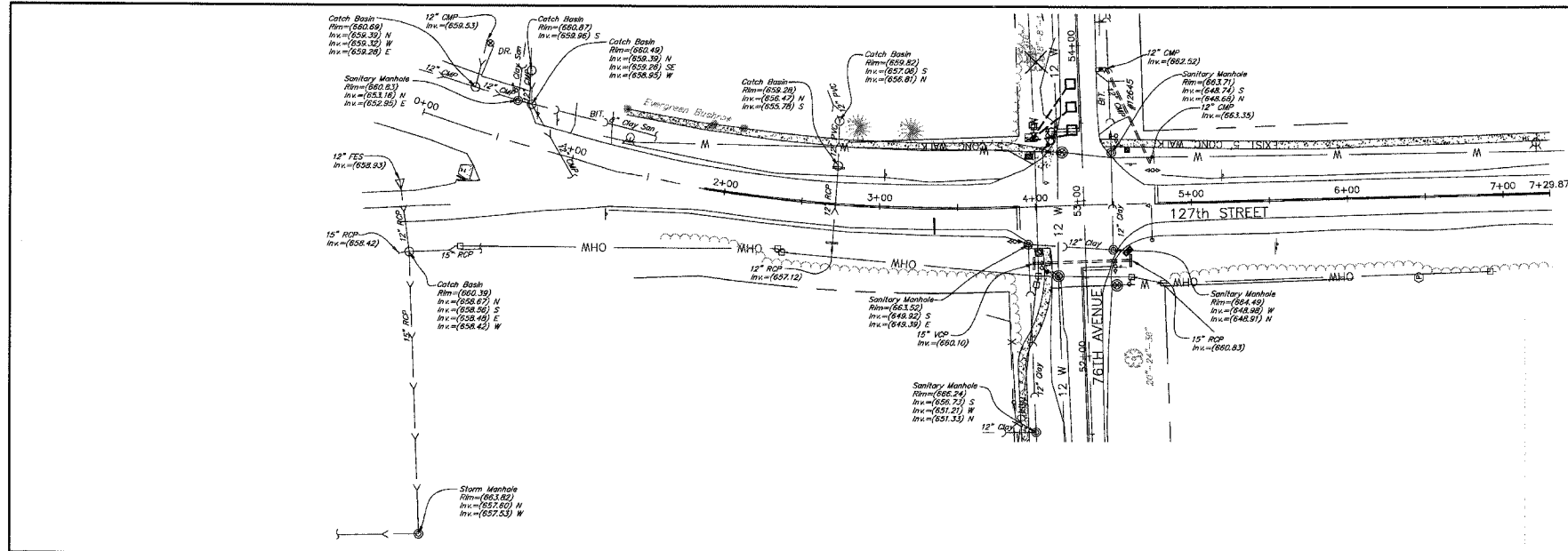
5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83
 EROSION CONTROL PLAN**

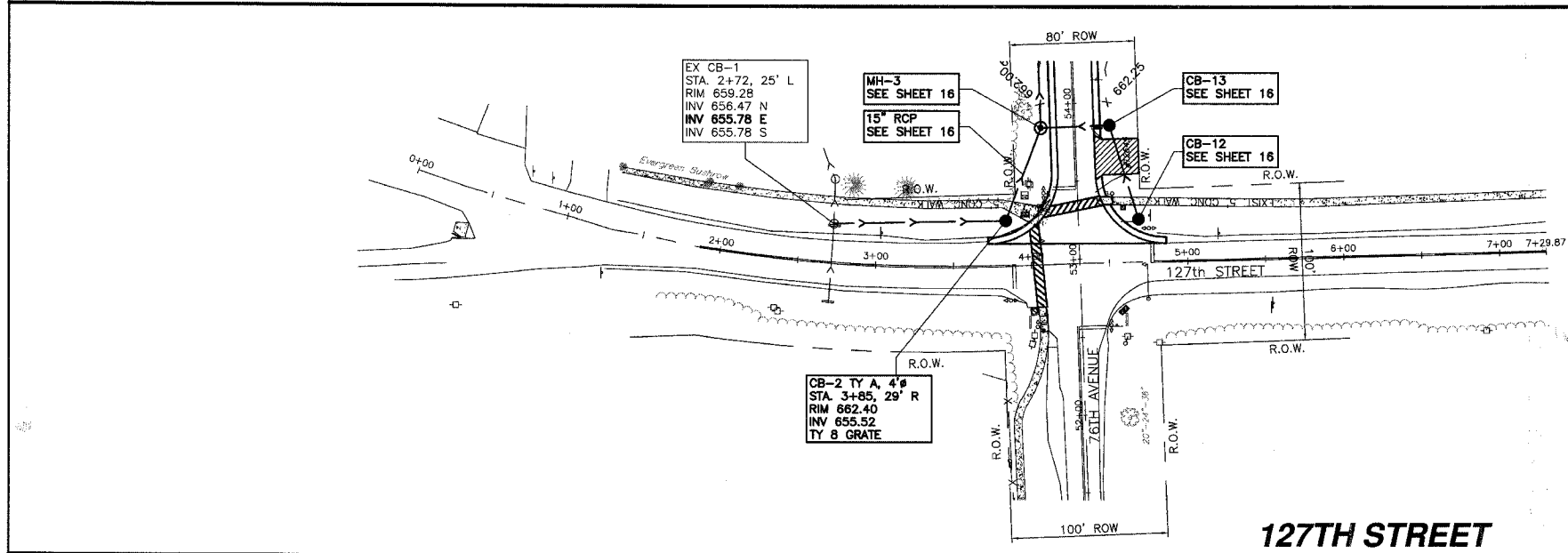
DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	14 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

PLOT DATE: Sep 05, 2007
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg

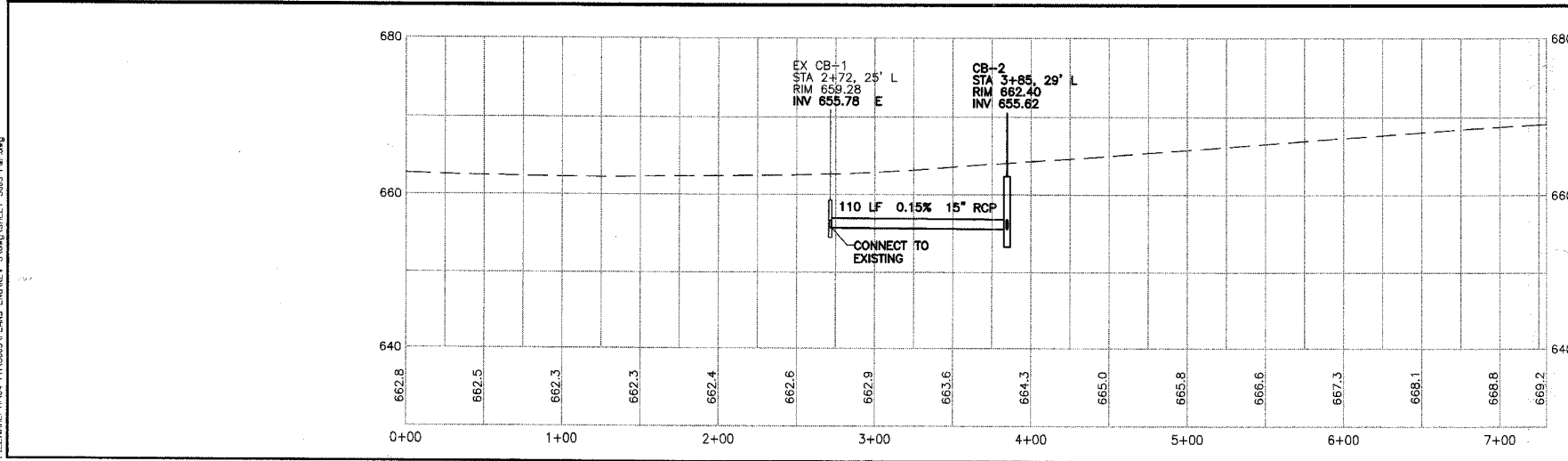
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	15
F.H.W.A. REG.		ILLINOIS	PROJECT:	
83957				



EXISTING CONDITION



PROPOSED IMPROVEMENT



PLOT DATE: Sep 05, 2007
 FILENAME: H:\04-PH-3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg

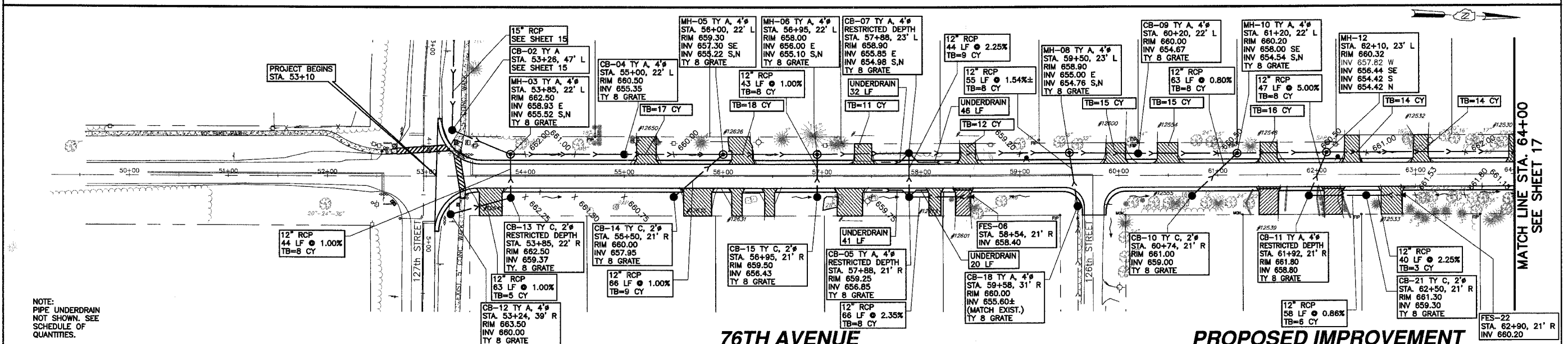
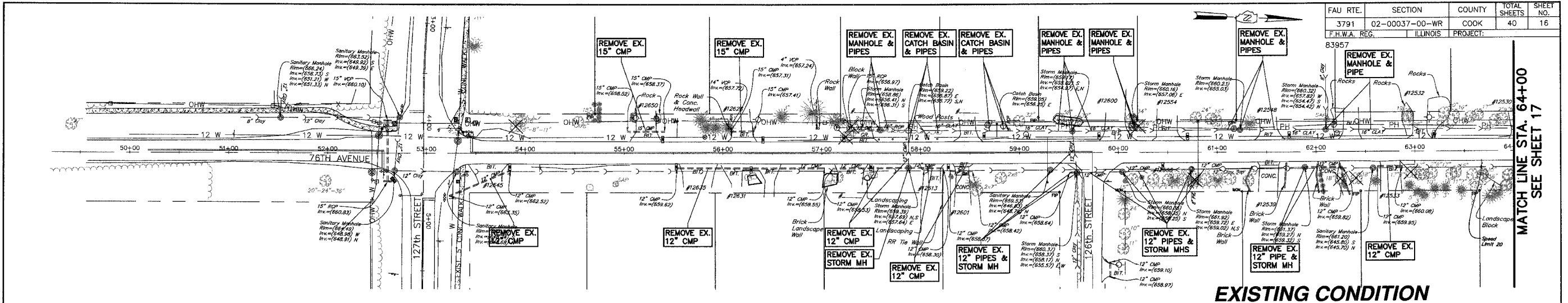
MORRIS ENGINEERING, INC.

5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH-3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg
 DRAWN BY: GJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

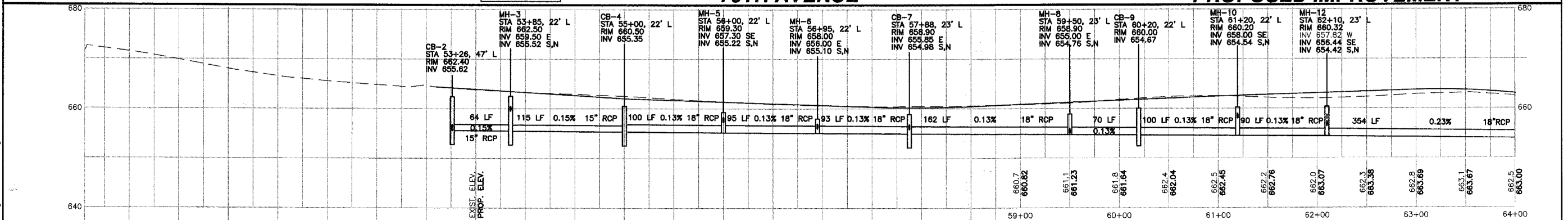
**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83
 DRAINAGE PLAN & PROFILE - 127TH STREET
 STA. 0+00 TO STA. 7+30**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	15 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	16
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



NOTE:
PIPE UNDERDRAIN
NOT SHOWN. SEE
SCHEDULE OF
QUANTITIES.



PLAN DATE: 05/07/2007
 DRAWN BY: JVS
 CHECKED BY: JVV
 PROJECT: 04-PH-3003-PLANS-ENG-REV-3.dwg (SHEET-3003-P&P.dwg)

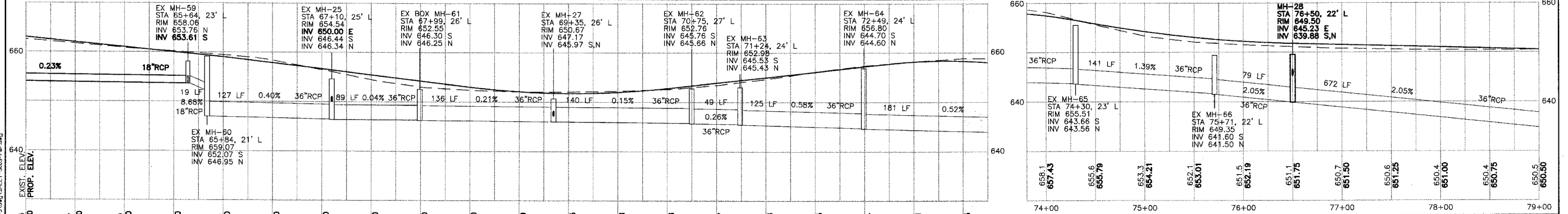
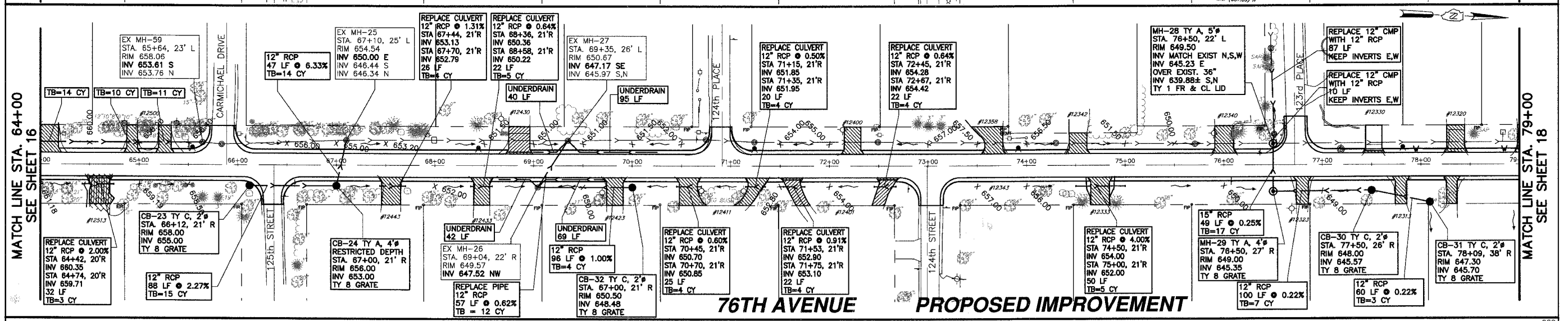
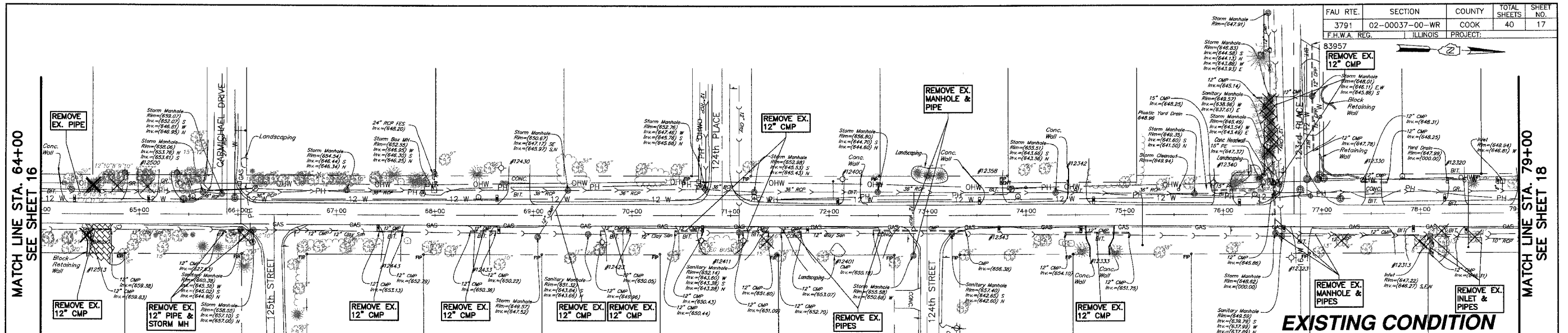
MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83
 DRAINAGE PLAN & PROFILE - 76TH AVENUE
 STA. 53+00 TO STA. 64+00**

LOCATION: H:\04-PH\3003-PLANS-ENG\REV-3.dwg (SHEET-3003-P&P.dwg)
 DRAWN BY: JVS DESIGN BY: RAC CHECKED BY: JVV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

DATE	REVISIONS	BY	SHEET
5-09-07	PER IDOT REVIEW	RAC	16
5-24-07	PER IDOT REVIEW	RAC	
9-04-07	PER IDOT REVIEW	RAC	

OF 40 SHEETS



PLOT DATE: SEP 05, 2007
 FILENAME: I:\04-PH-3003\PLANS-ENG\REV-3\DWG\SHEET-3003-P&P.dwg

MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECIVIL.COM

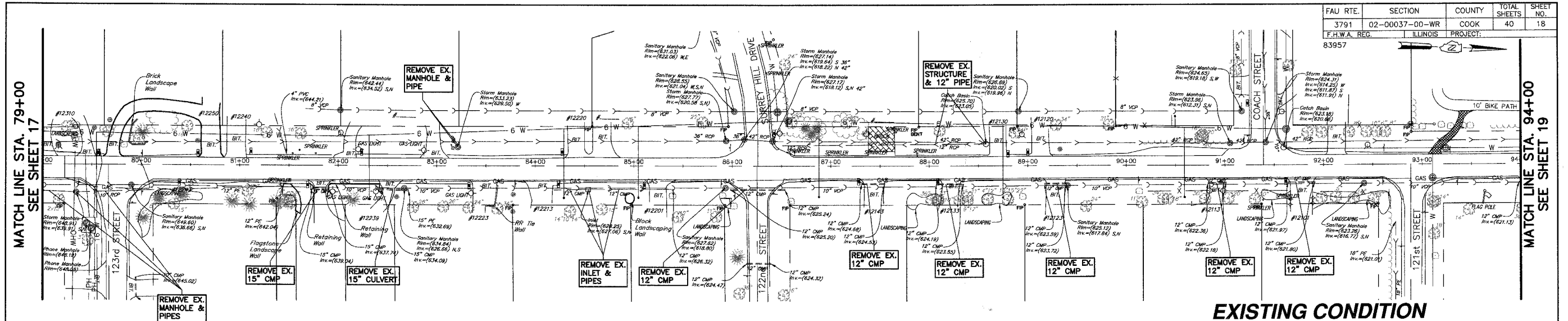
76TH AVENUE RECONSTRUCTION
127TH STREET TO ILLINOIS ROUTE 83
DRAINAGE PLAN & PROFILE - 76TH AVENUE
STA. 64+00 TO STA. 79+00

LOCATION: H:\04-PH-3003\PLANS-ENG\REV-3\DWG\SHEET-3003-P&P.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

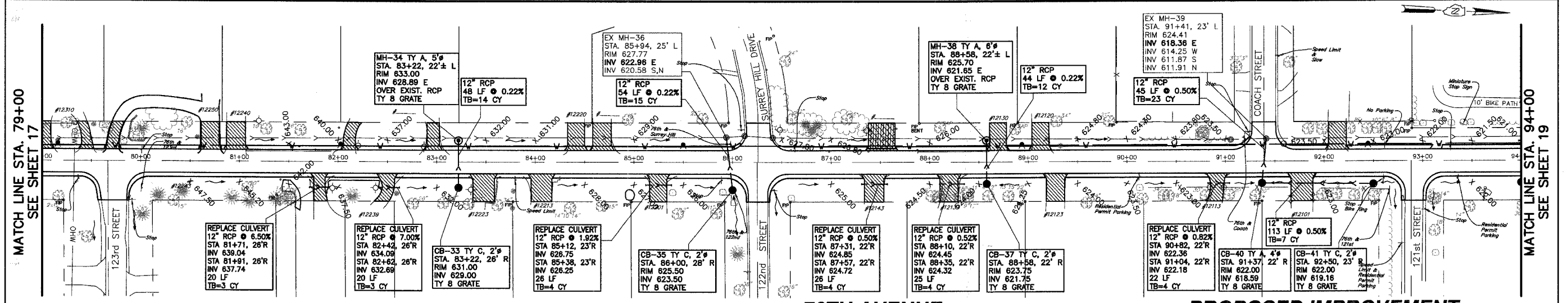
DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	17
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

OF 40 SHEETS

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	18
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				

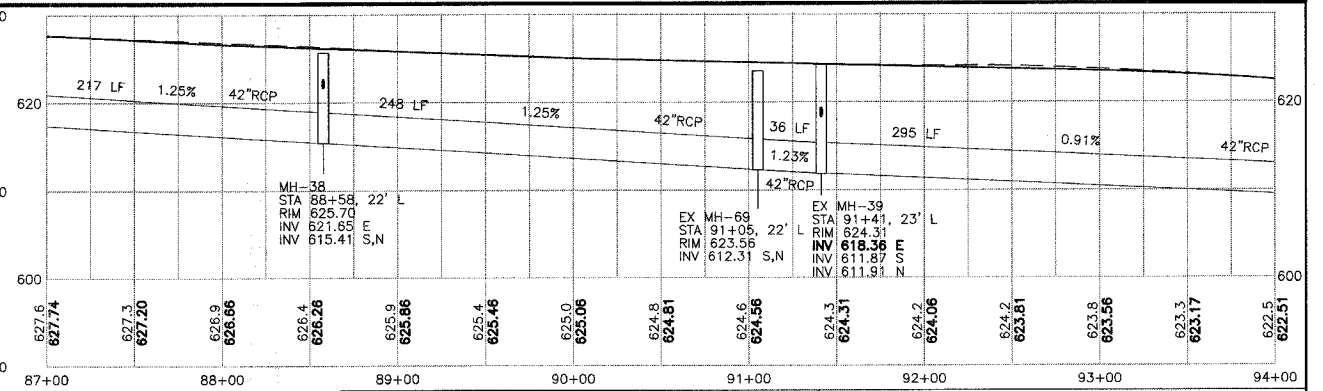
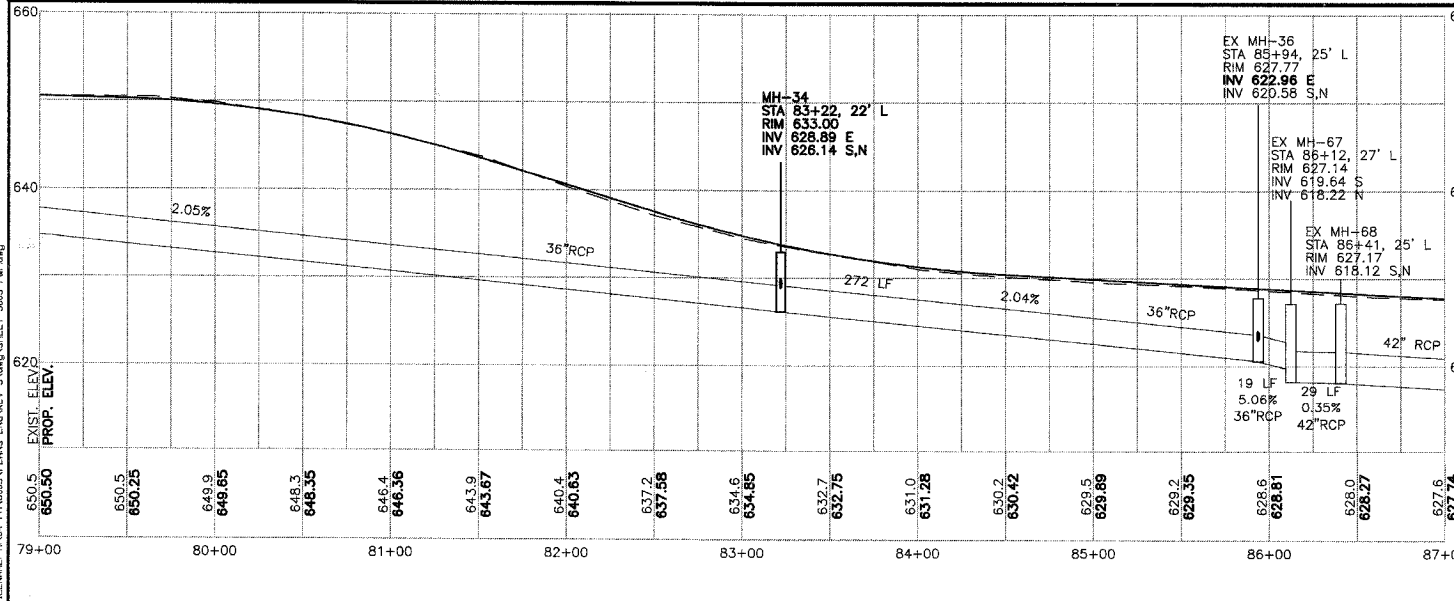


EXISTING CONDITION



76TH AVENUE

PROPOSED IMPROVEMENT



MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECWIL.COM

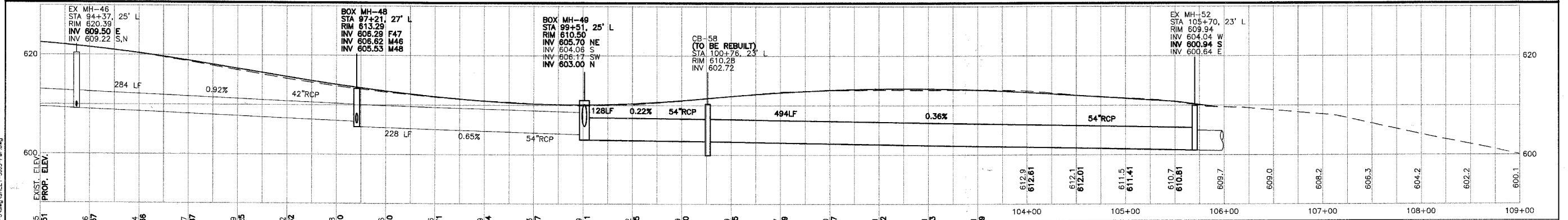
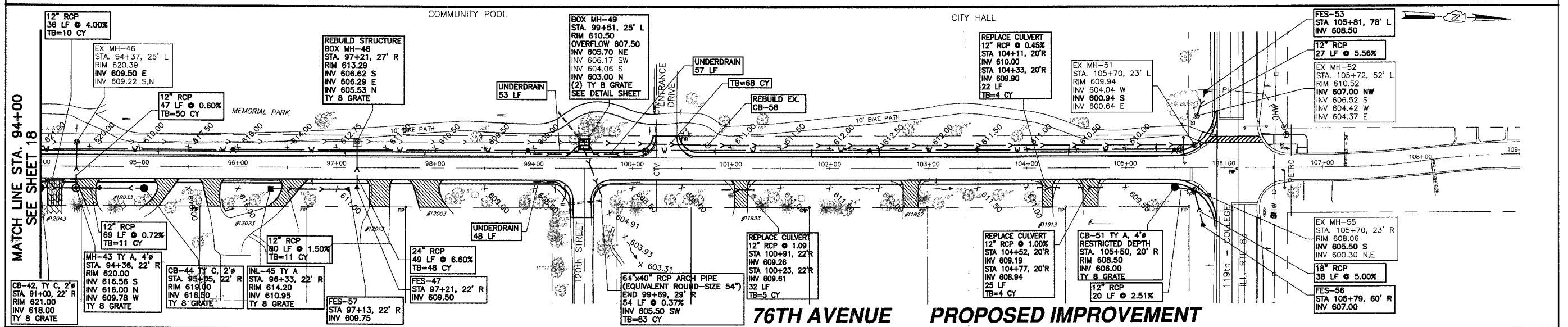
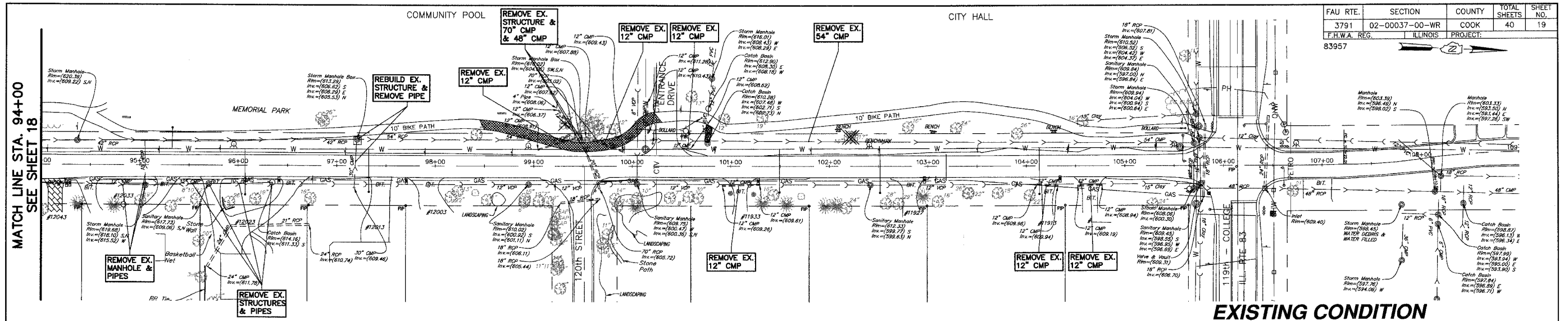
76TH AVENUE RECONSTRUCTION
127TH STREET TO ILLINOIS ROUTE 83
DRAINAGE PLAN & PROFILE - 76TH AVENUE
STA. 79+00 TO STA. 94+00

LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	18 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

PLOT DATE: SEP 05, 2007
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-3003-P&P.dwg

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	19
F.H.W.A. REG.	ILLINOIS PROJECT			



PLOT DATE: Sep 05, 2007
 FILENAME: I:\04-PH-3003\PLANS-ENG\REV-3\DWG\SHEET-3003-P&P.dwg

MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630) 271-0770 WEBSITE: ECWIL.COM

76TH AVENUE RECONSTRUCTION
127TH STREET TO ILLINOIS ROUTE 83
DRAINAGE PLAN & PROFILE - 76TH AVENUE
STA. 94+00 TO STA. 109+00

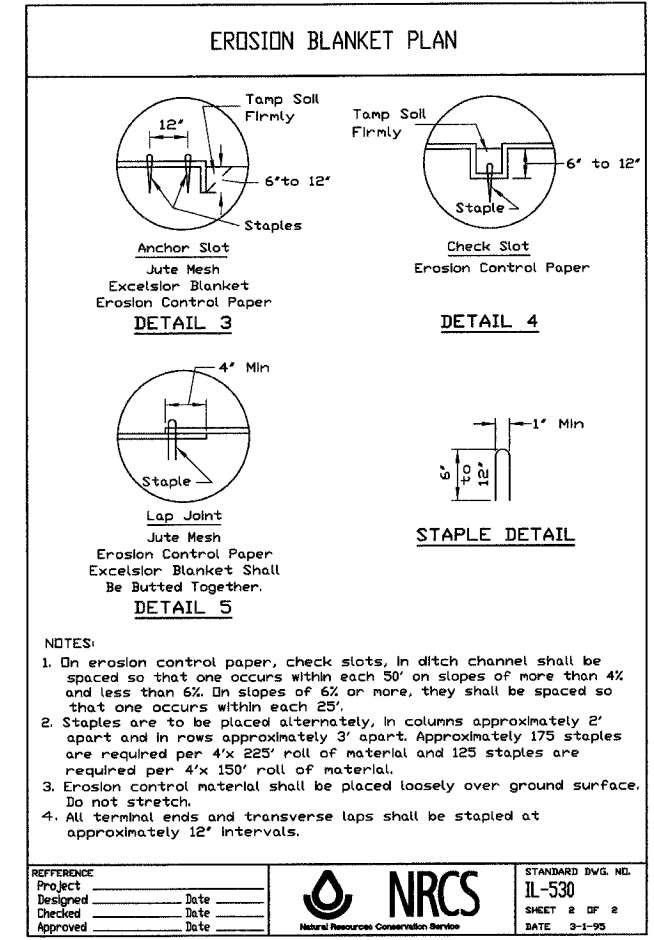
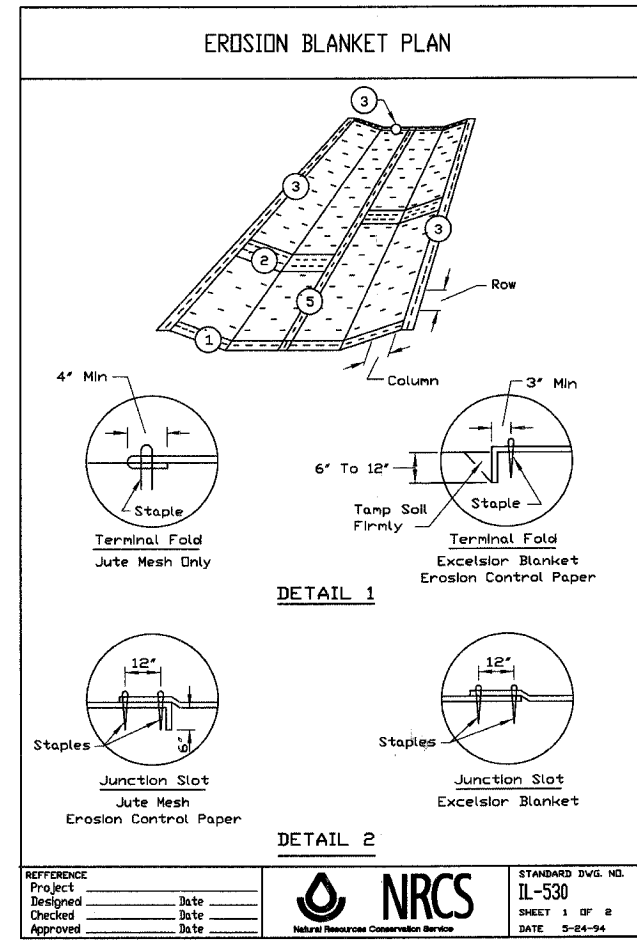
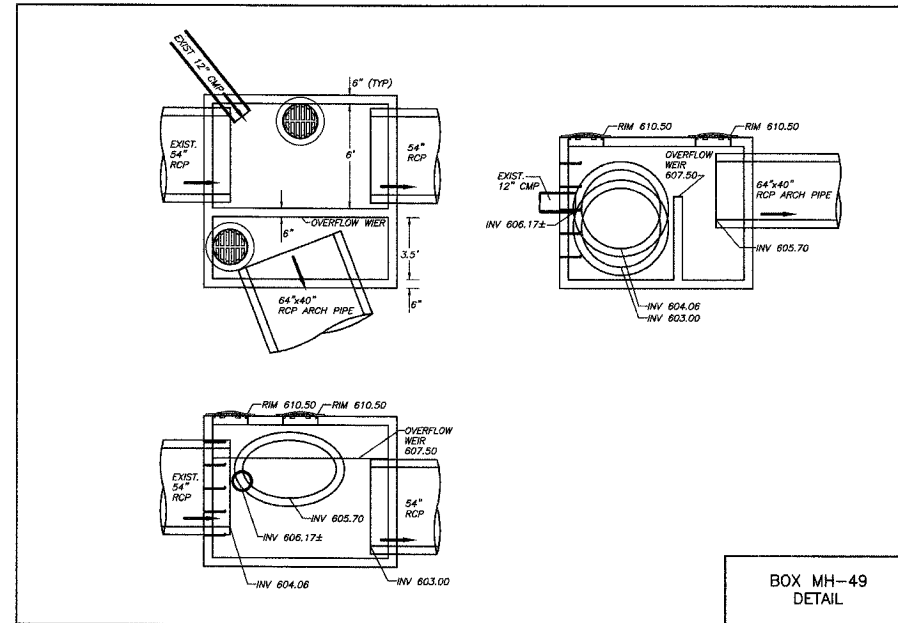
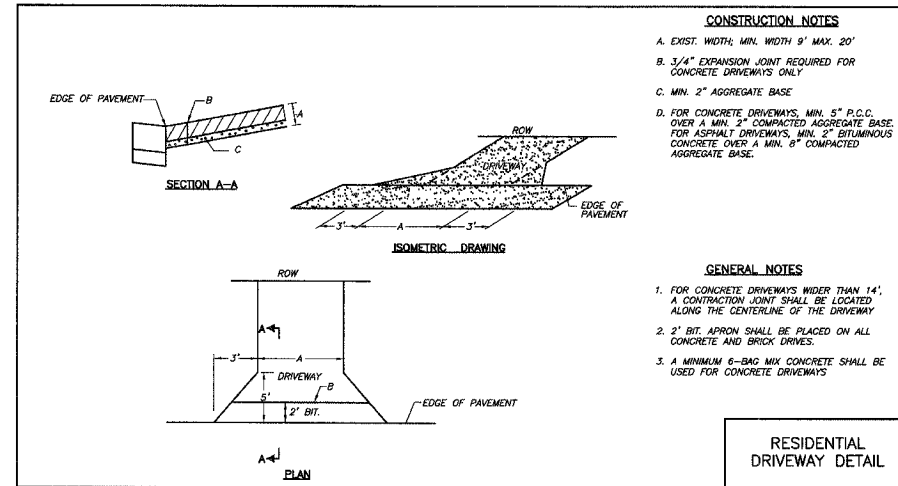
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 JOB NO.: 04-PH-3003 SCALE: 1"=50' H 1"=10' V

DATE	REVISIONS	BY	SHEET
1	5-09-07	PER IDOT REVIEW	RAC
2	5-24-07	PER IDOT REVIEW	RAC
3	9-04-07	PER IDOT REVIEW	RAC
4			

19

OF 40 SHEETS

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	20
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



PLOT DATE: Sep 06, 2007
FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg

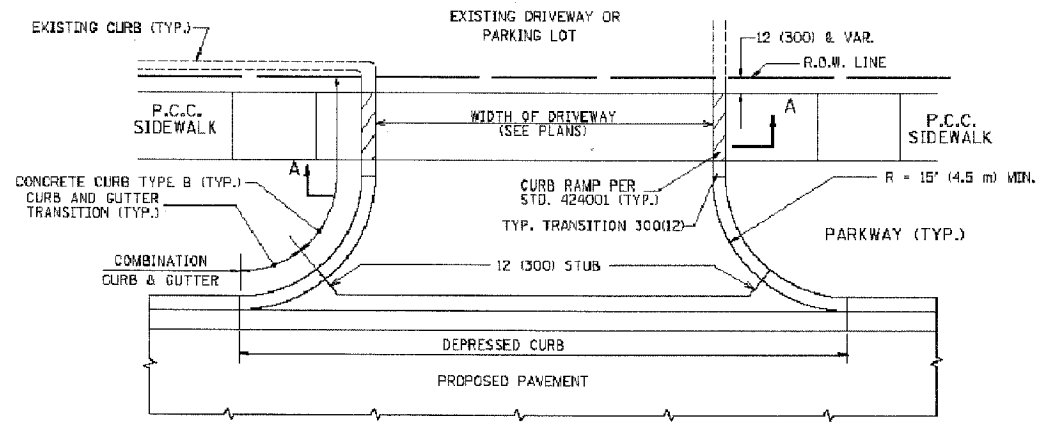
MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630) 271-0770 • WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-TITLE-NOTES-DETAILS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JVV
 JOB NO.: 04-PH-3003 SCALE: NTS

**76TH AVENUE RECONSTRUCTION
127TH STREET TO ILLINOIS ROUTE 83**

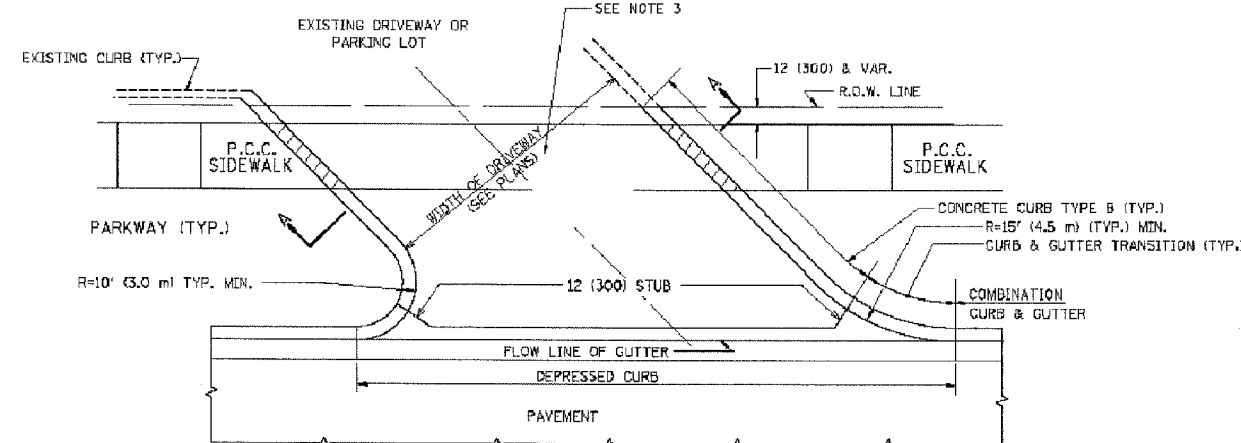
CONSTRUCTION DETAILS

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	20 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

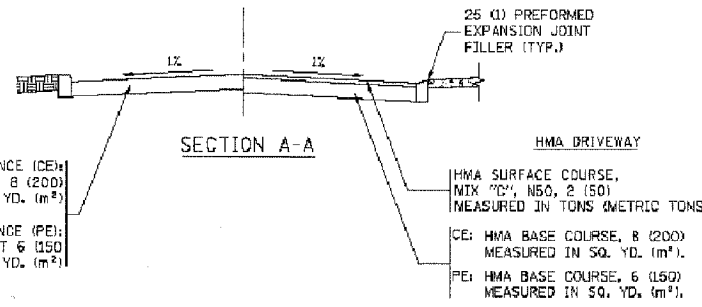
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	21
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



WITH CONCRETE CURB, TYPE B

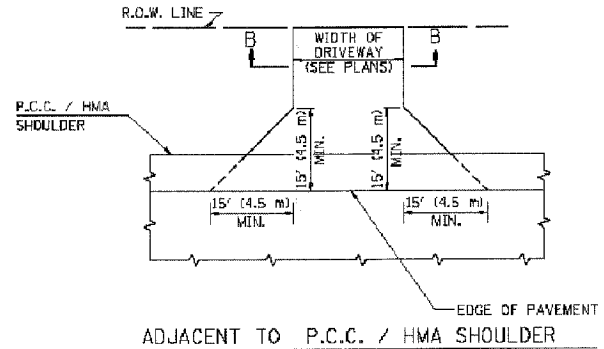


WITH CONCRETE CURB, TYPE B

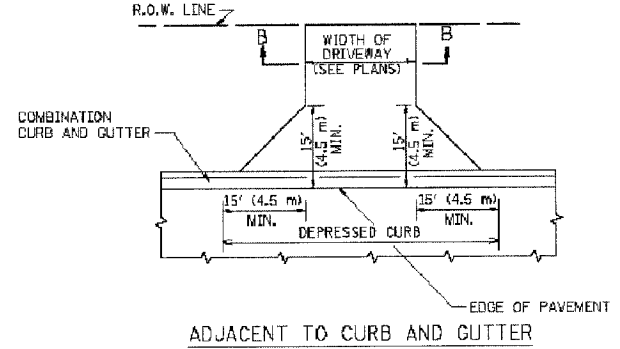


RIGID DRIVEWAY
COMMERCIAL ENTRANCE (CE):
 P.C.C. DRIVEWAY PAVEMENT 8 (200)
 MEASURED IN SQ. YD. (M²)
NON-COMMERCIAL ENTRANCE (PE):
 P.C.C. DRIVEWAY PAVEMENT 6 (150)
 MEASURED IN SQ. YD. (M²)

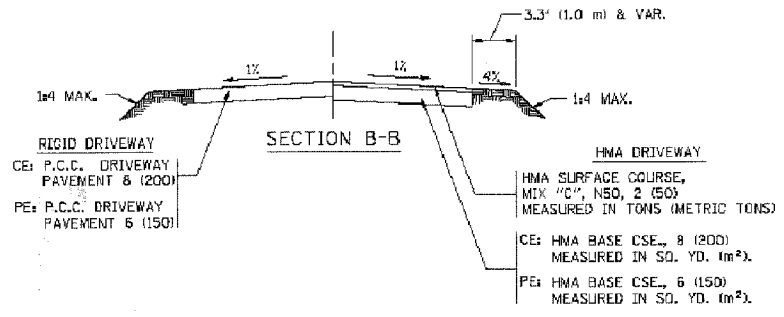
HMA DRIVEWAY
 HMA SURFACE COURSE,
 MIX "C", NSO, 2 (50)
 MEASURED IN TONS (METRIC TONS)
 CE: HMA BASE COURSE, 8 (200)
 MEASURED IN SQ. YD. (M²)
 PE: HMA BASE COURSE, 6 (150)
 MEASURED IN SQ. YD. (M²)



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES:

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

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

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

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

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

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

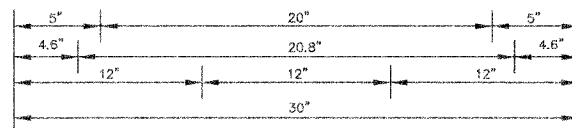
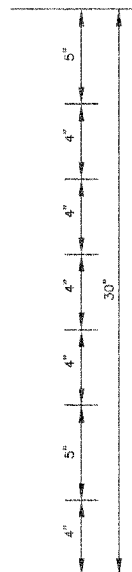
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRIVEWAY DETAILS
 DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

REVISIONS	
NAME	DATE
R. SHAH	11-04-95
J. POLLASTRINE	08-12-96
J. POLLASTRINE	12-14-96
A. ABBAS	03-21-97
T. HOLTZ	04-08-97
M. COMEZ	04-06-01
P. LAFLEUR	04-15-03
R. BORO	01-01-07

SCALE: VERT. NONE
 HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE: SEP 05, 2007
 FILENAME: I:\G:\P\30037\02-00037-00-WR\AS-DWG\REV-01\AS-SHEET-TITLE-NOTES-DETAILS.dwg



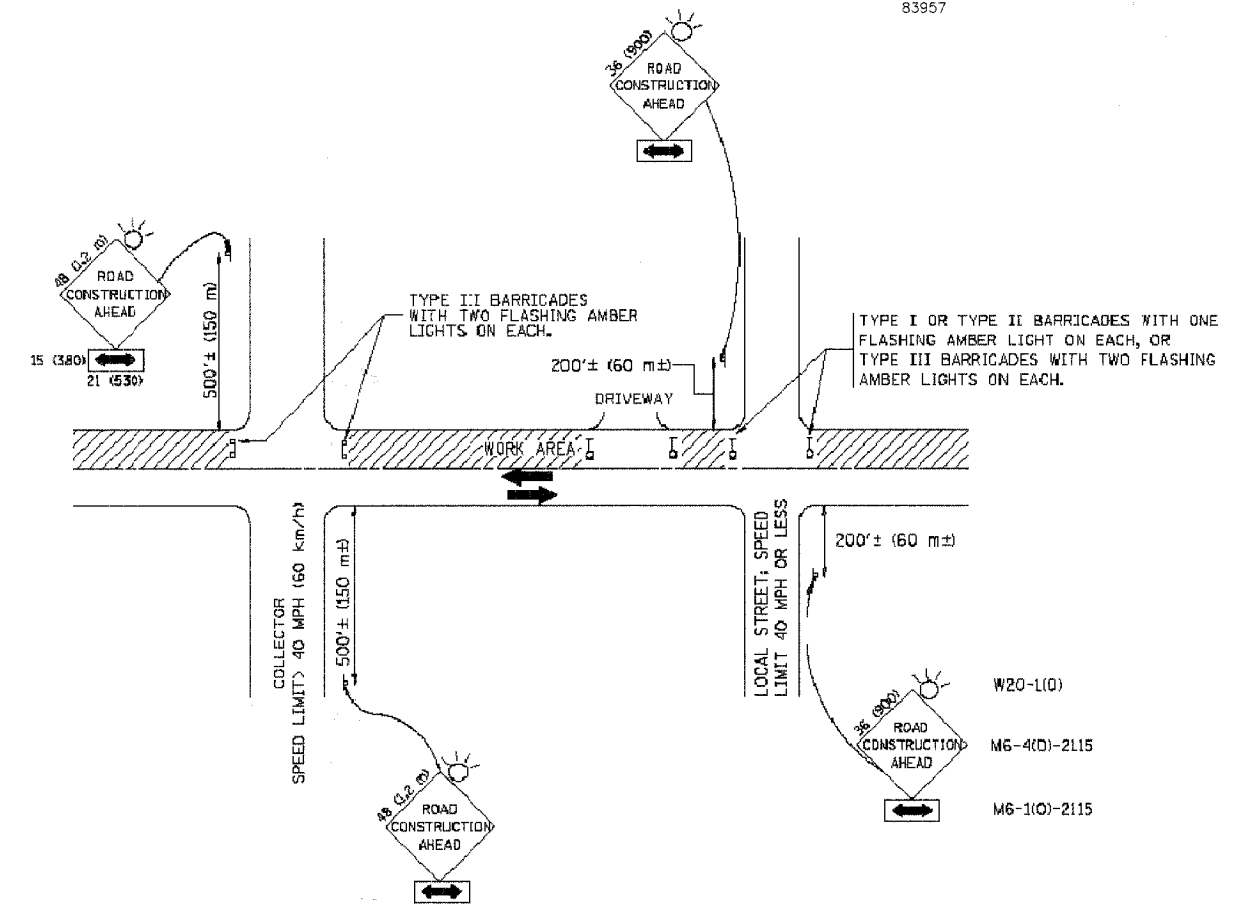
3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN: REFLECTORIZED "DRIVEWAY"; "ENTRANCE" D; STANDARD ARROW CUTOM 12.0" X 5.0"

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 PLACE 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".

REVISIONS	
NAME	DATE
C. JUCIUS	02/15/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRIVEWAY ENTRANCE SIGNING
 SCALE: NONE
 DATE: _____ DRAWN BY: R.H.
 CHECK BY: _____
 TC-26



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

NOTES:

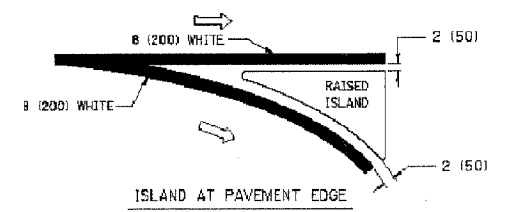
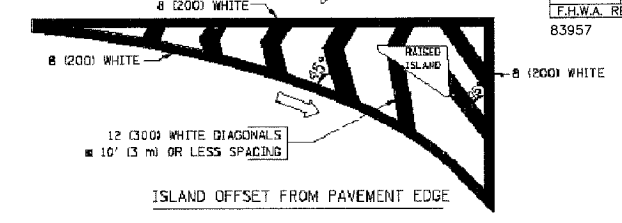
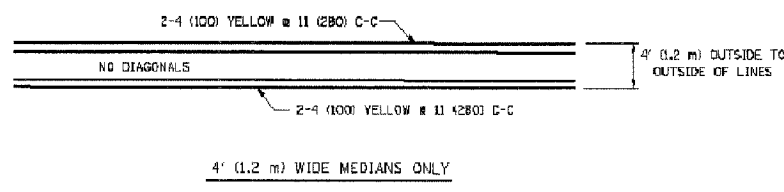
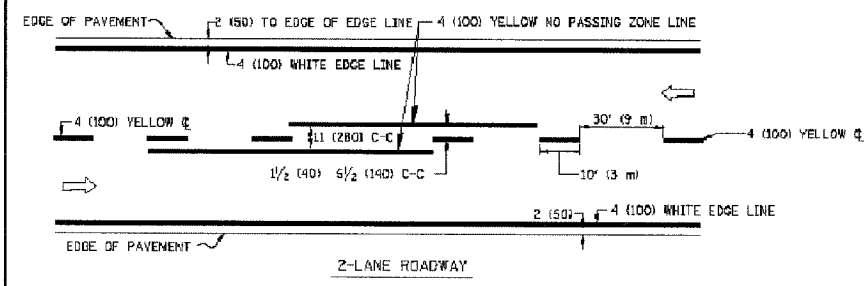
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) 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 FIELD STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

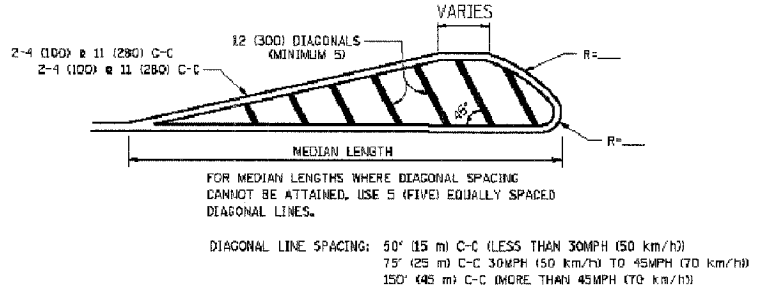
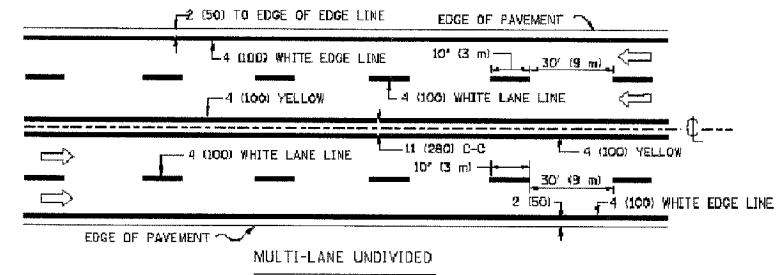
REVISIONS	
NAME	DATE
LHA	5/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

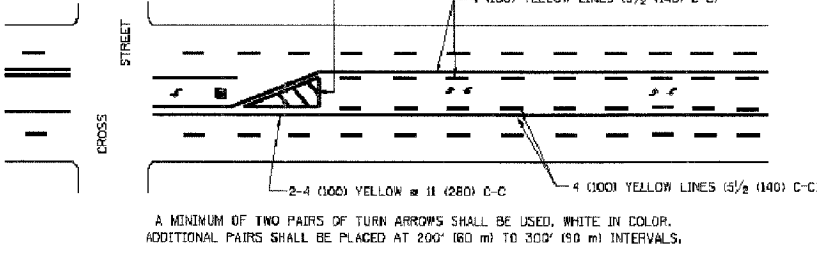
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 DRAWN BY: _____
 CHECKED BY: _____
 TC-10



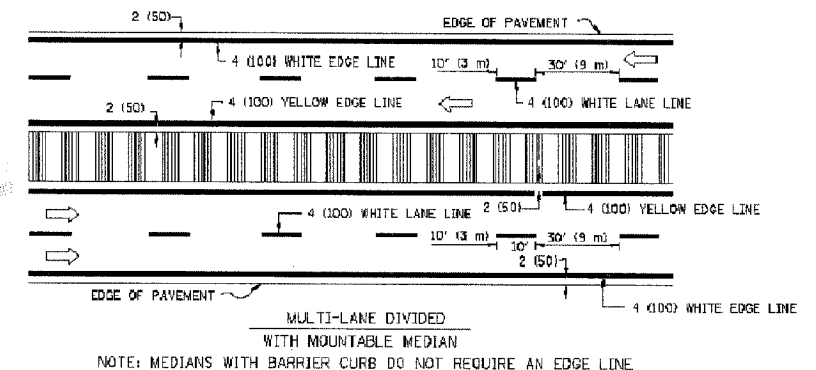
TYPICAL ISLAND MARKING



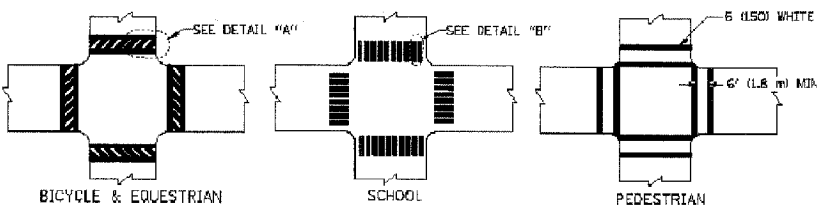
MEDIANS OVER 4' (1.2 m) WIDE



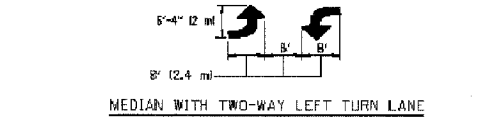
TYPICAL PAINTED MEDIAN MARKING



TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	8 (180) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR EACH DIRECTION SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN & LONGITUDINAL BARS (SCHOOL))	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT; OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "RR"	SOLID	WHITE	SEE STATE STANDARD 78001 AREA OF: "R" = 3.6 SQ. FT. (0.33 m²) EACH "X" = 5.4 SQ. FT. (0.5 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (23 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 78001.

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

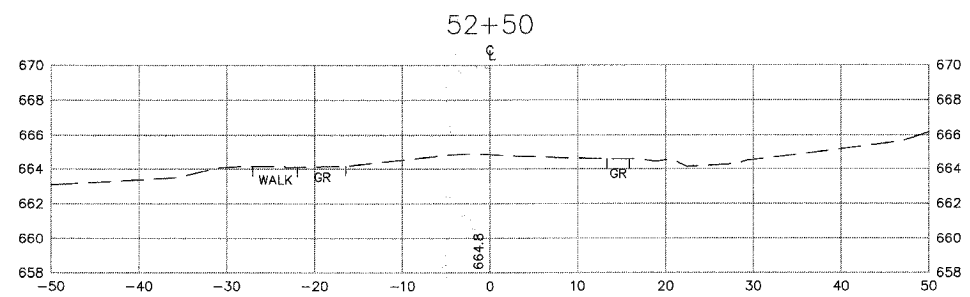
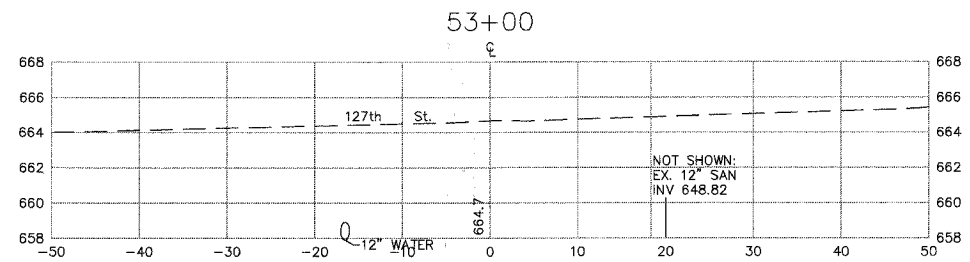
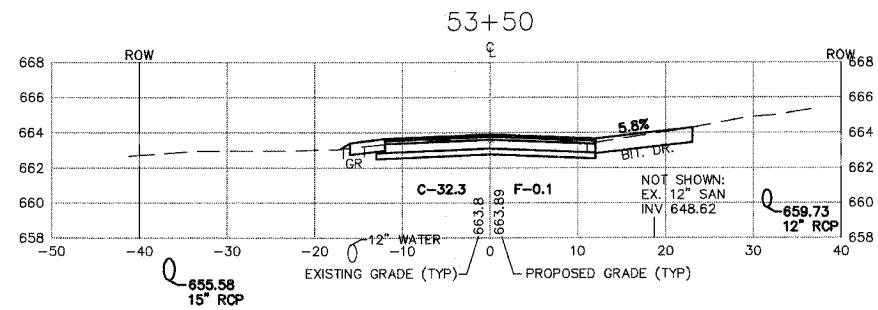
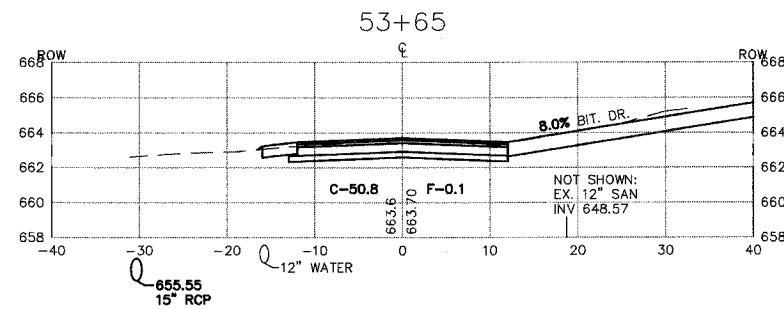
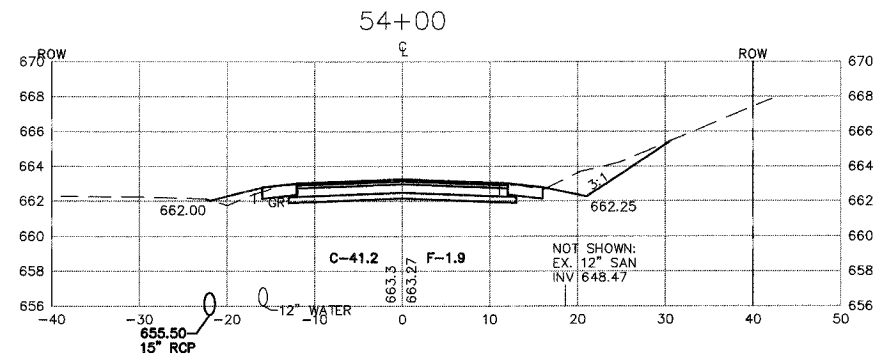
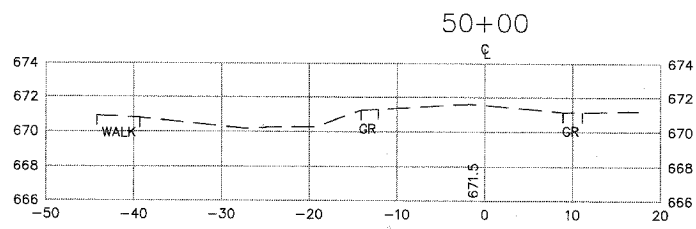
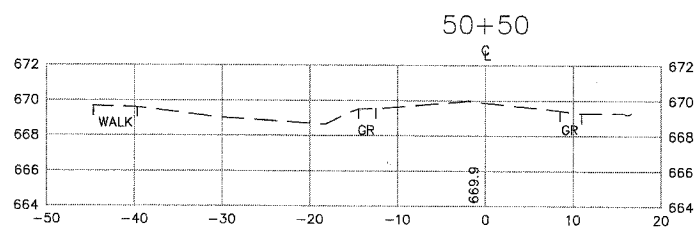
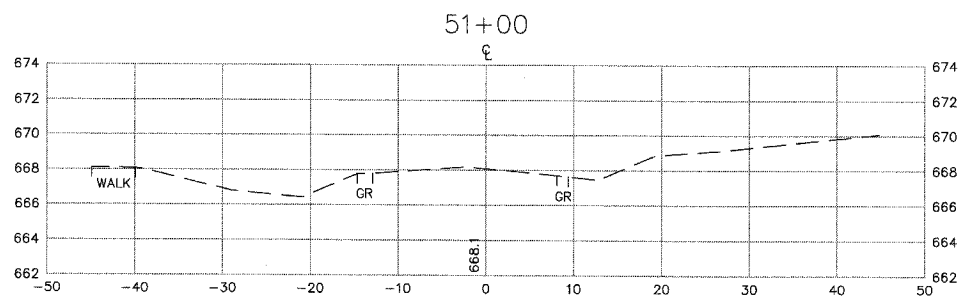
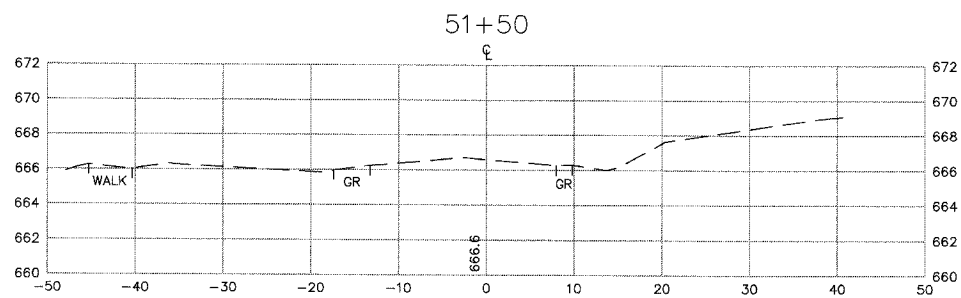
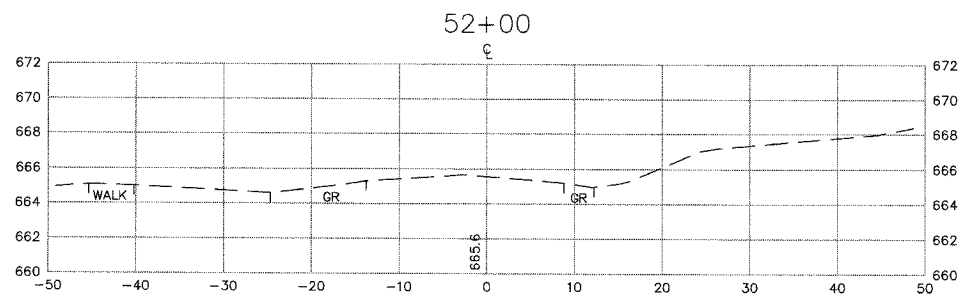
REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMAGHER	10-27-94
ALEX HOUSEH	10-09-98
ALEX HOUSEH	10-17-98
T. RAMMAGHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DRAWN BY CADD
CHECKED BY

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	24
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



PLOT DATE: SEP 05, 2007
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-XSECS.dwg

MORRIS ENGINEERING, INC.

5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM

LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

76TH AVENUE RECONSTRUCTION
127TH STREET TO ILLINOIS ROUTE 83

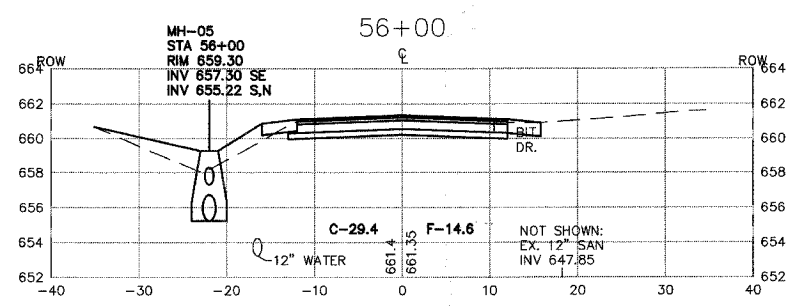
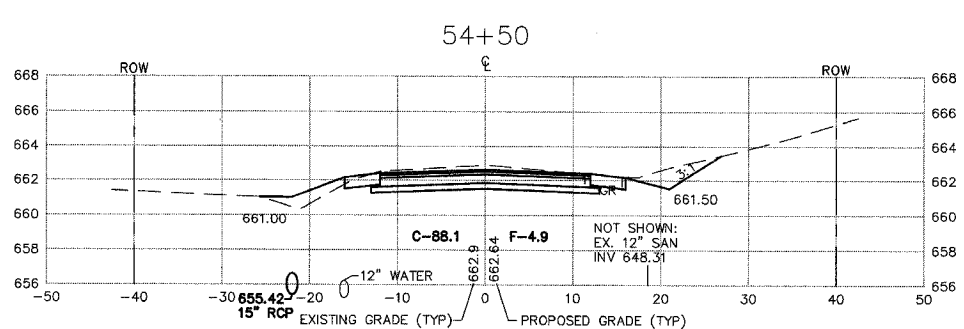
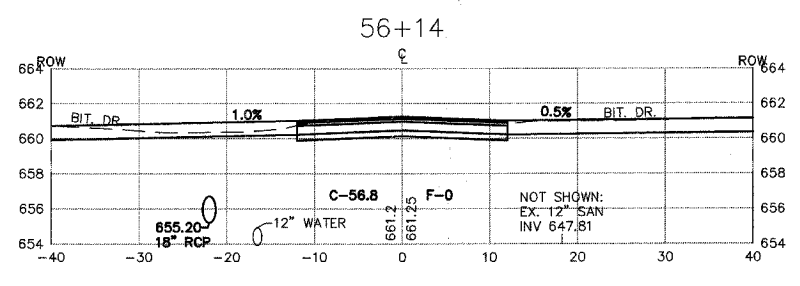
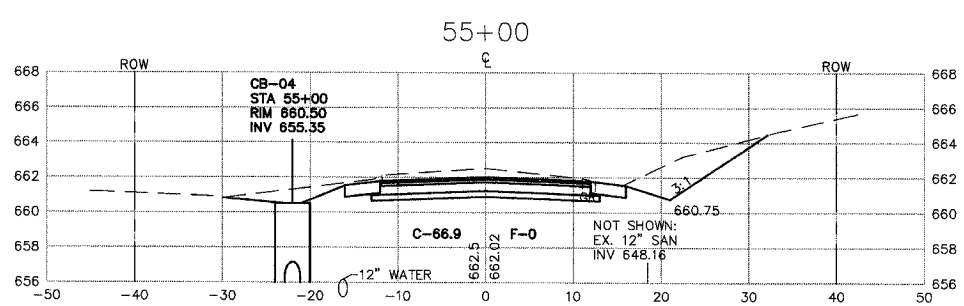
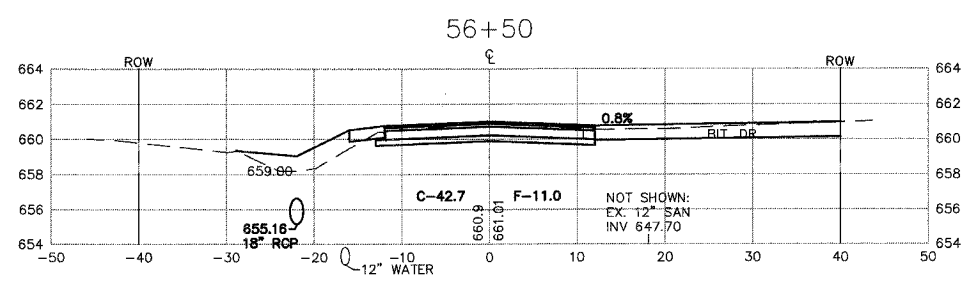
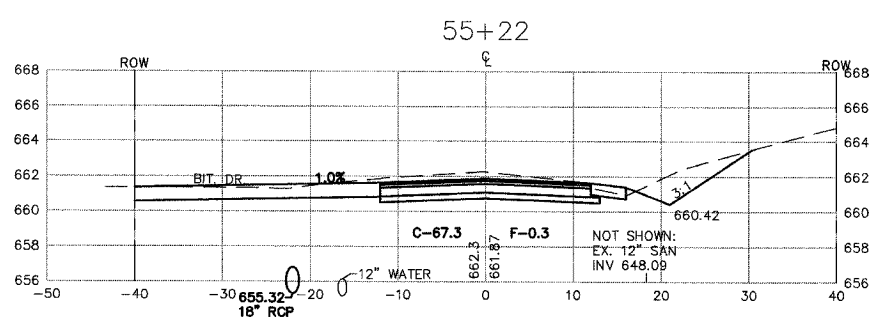
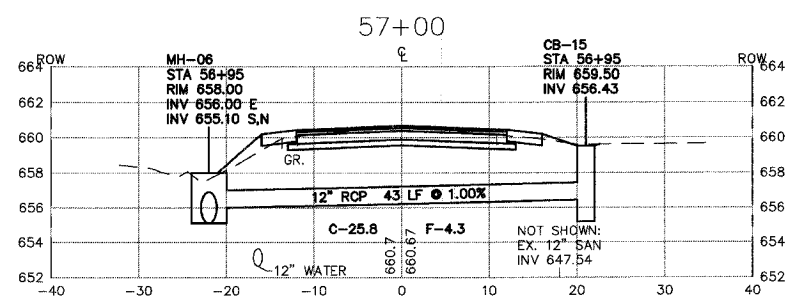
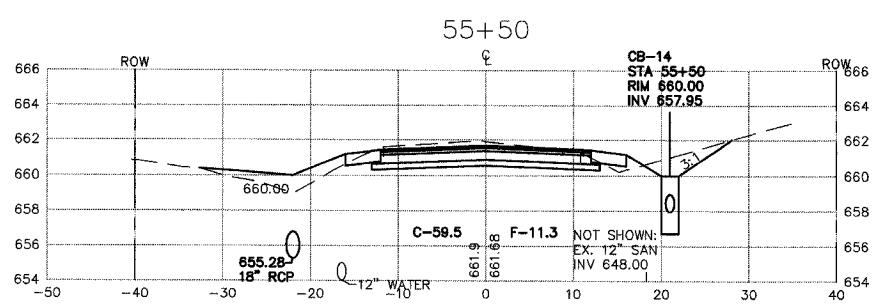
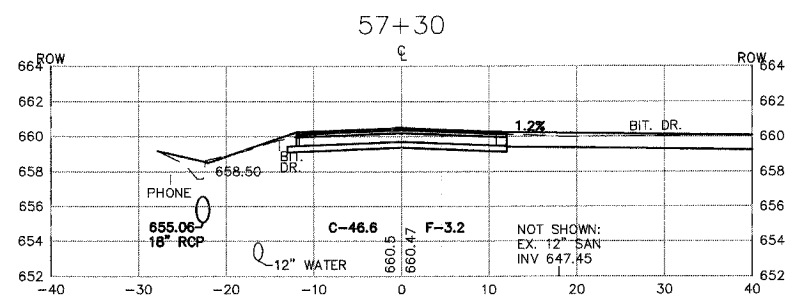
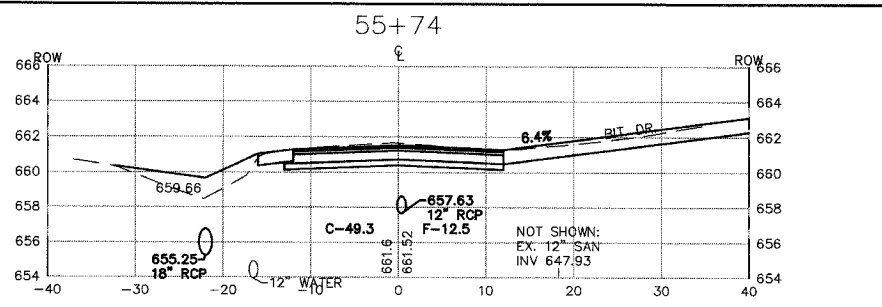
CROSS SECTIONS
STA. 50+00 TO STA. 54+00

DATE	REVISIONS	BY	SHEET
1	5-09-07	PER IDOT REVIEW	RAC
2	5-24-07	PER IDOT REVIEW	RAC
3	9-04-07	PER IDOT REVIEW	RAC
4			

24

OF 40 SHEETS

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	25
F.H.W.A. REG.	ILLINOIS	PROJECT:		



MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

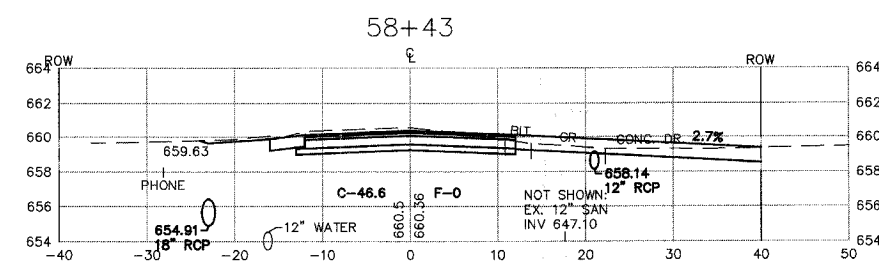
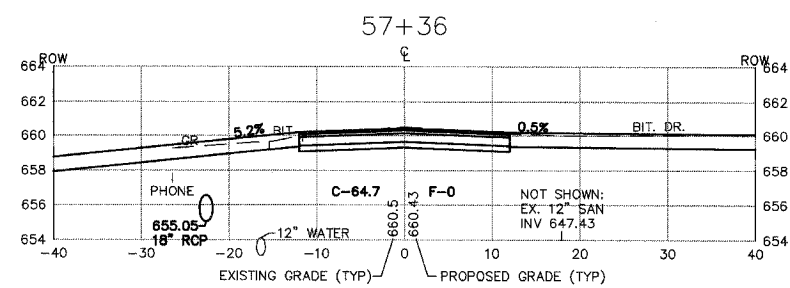
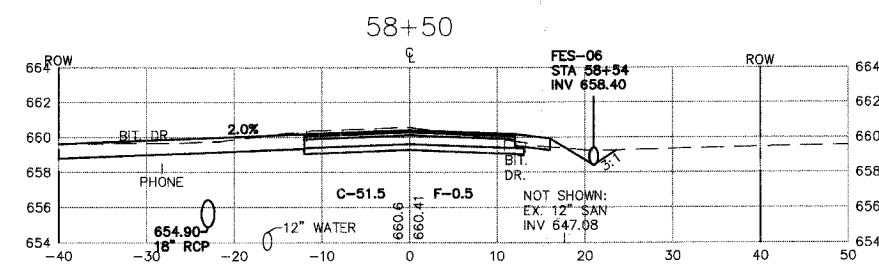
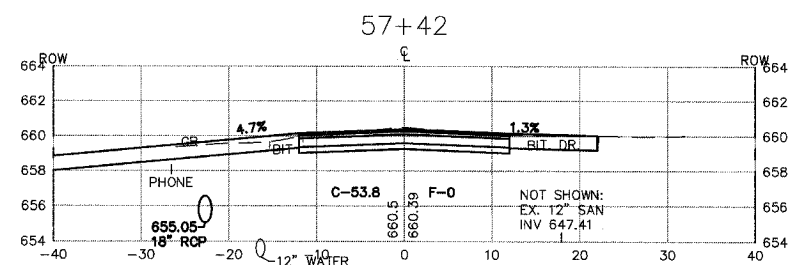
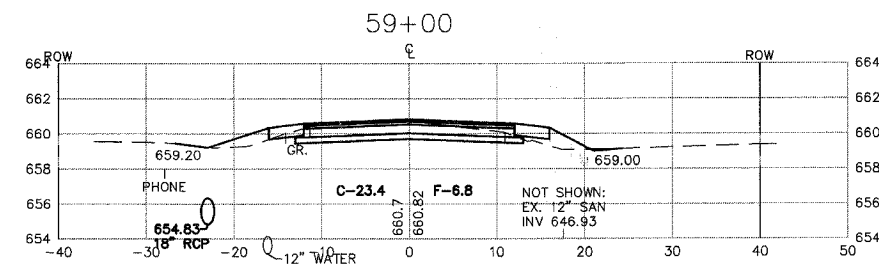
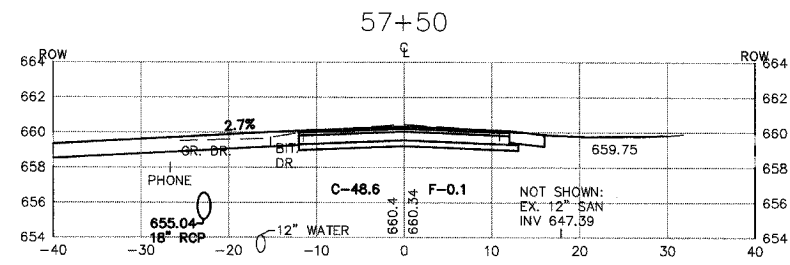
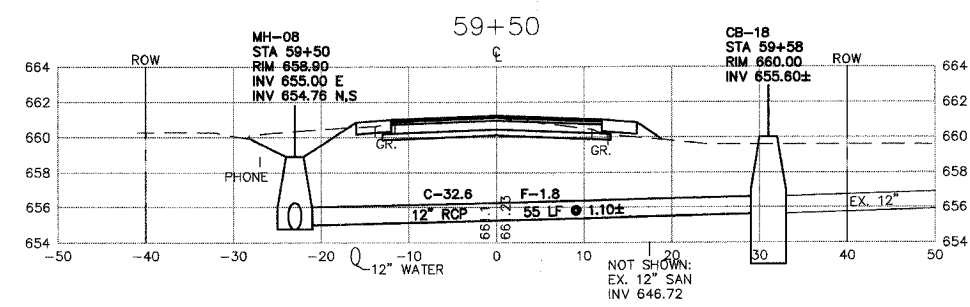
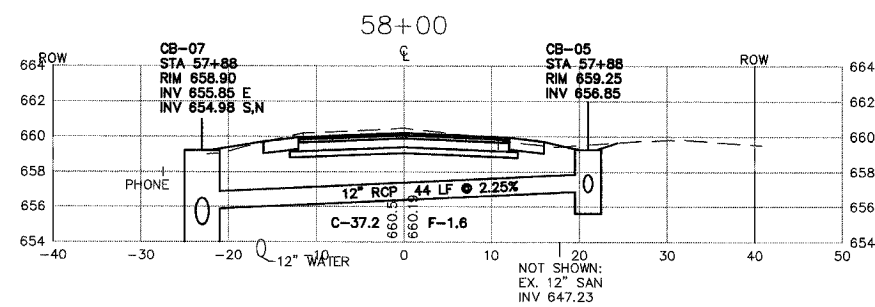
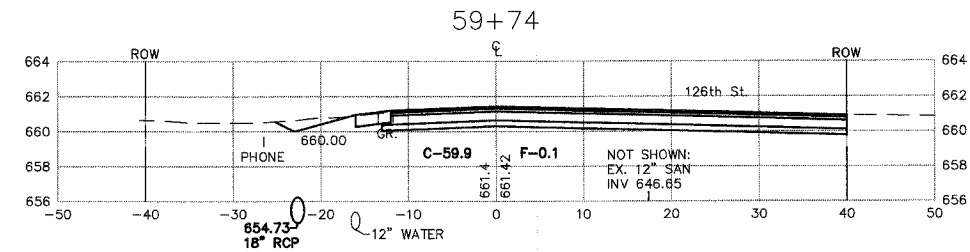
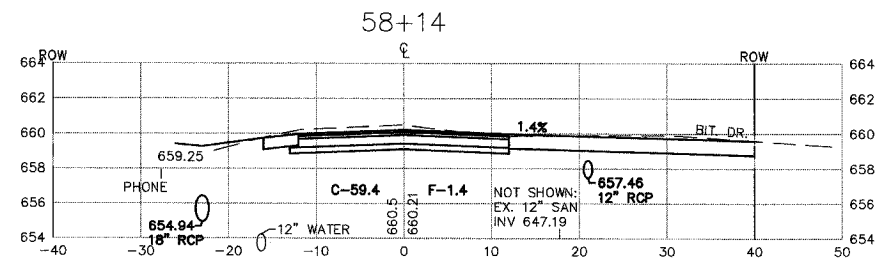
**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

**CROSS SECTIONS
 STA. 54+50 TO STA. 57+30**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	25 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

PLOT DATE: Sep 05, 2007
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	26
F.H.W.A. REG. ILLINOIS PROJECT:		83957		



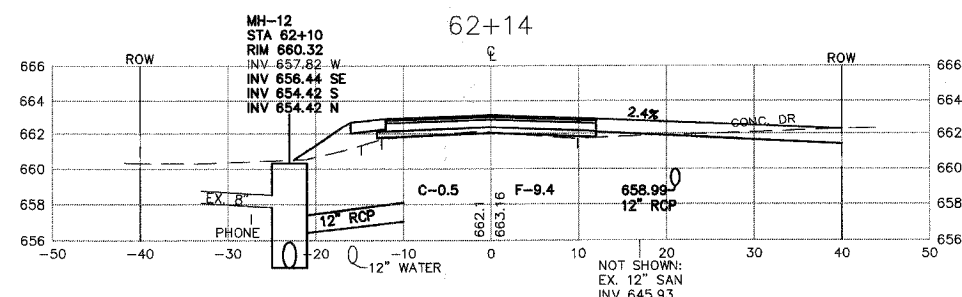
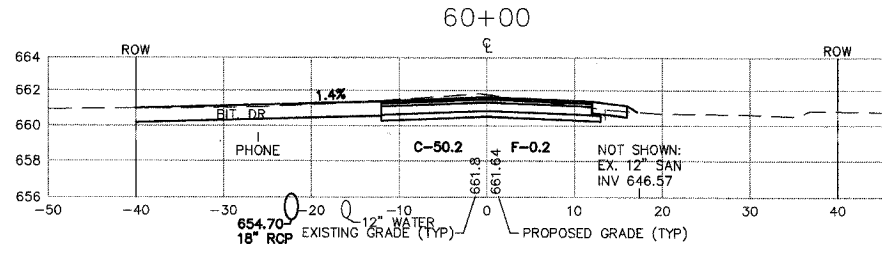
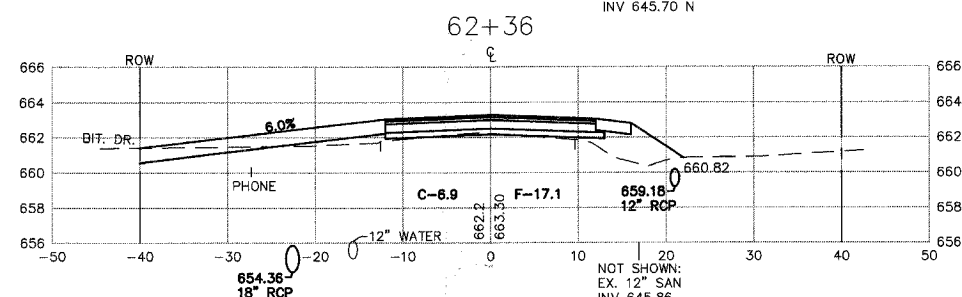
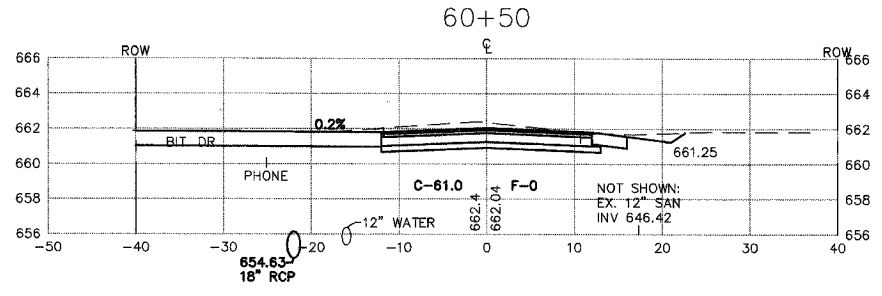
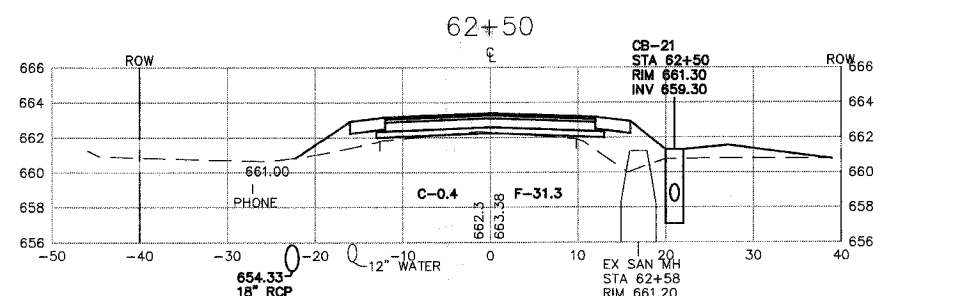
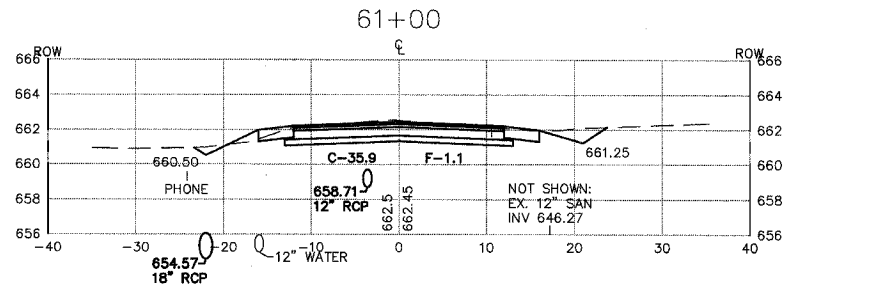
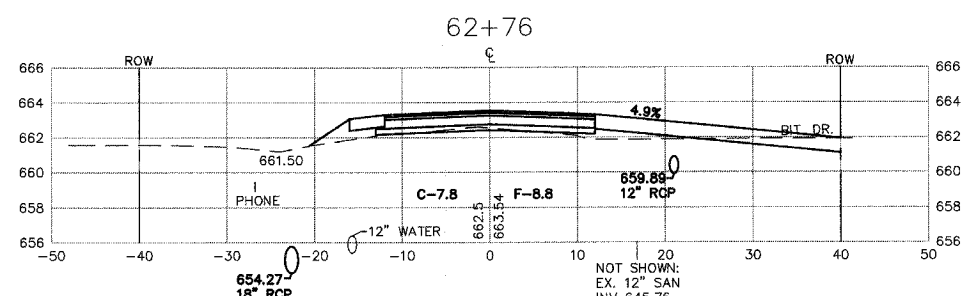
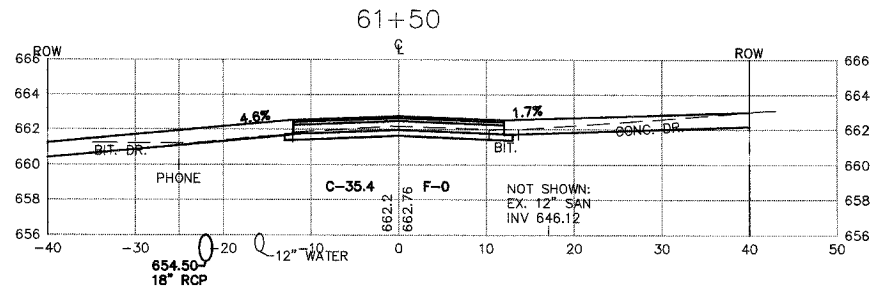
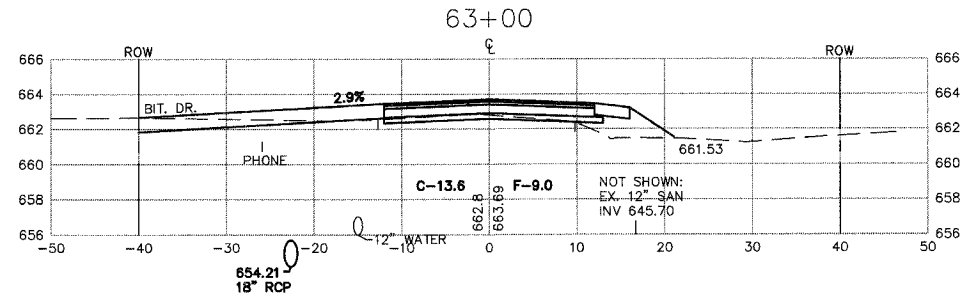
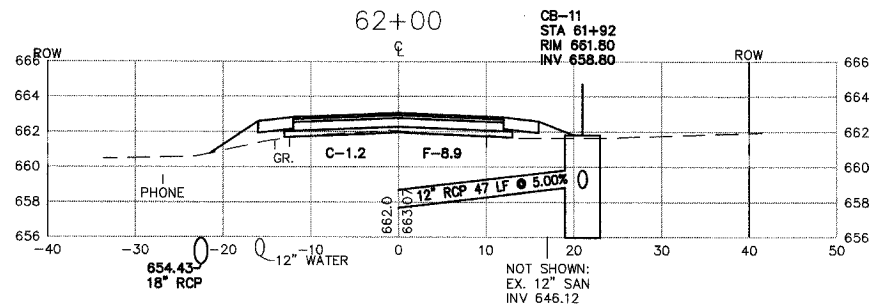
PLOT DATE: SEP 05, 2007
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MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83
 CROSS SECTIONS
 STA. 57+36 TO STA. 59+74**

DATE	REVISIONS	BY	SHEET
1	5-09-07 PER IDOT REVIEW	RAC	26 OF 40 SHEETS
2	5-24-07 PER IDOT REVIEW	RAC	
3	9-04-07 PER IDOT REVIEW	RAC	
4			

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	27
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



PLOT DATE: Sep 05, 2007
 FILENAME: I:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg

MORRIS ENGINEERING, INC.

5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM

LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JVV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

76TH AVENUE RECONSTRUCTION 127TH STREET TO ILLINOIS ROUTE 83

CROSS SECTIONS STA. 60+00 TO STA. 63+00

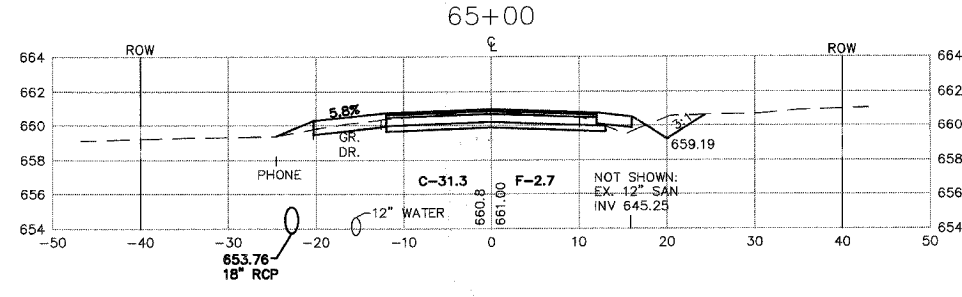
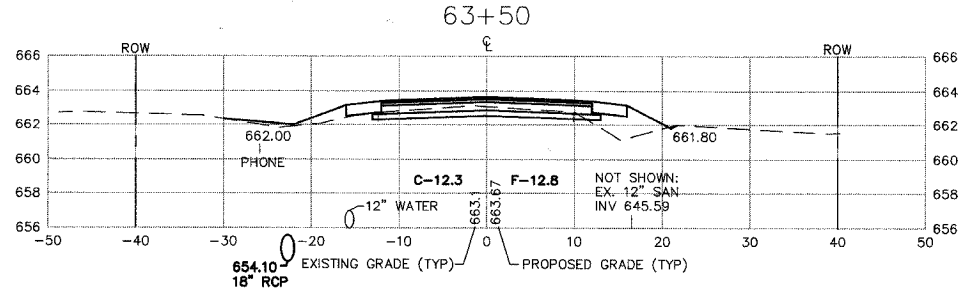
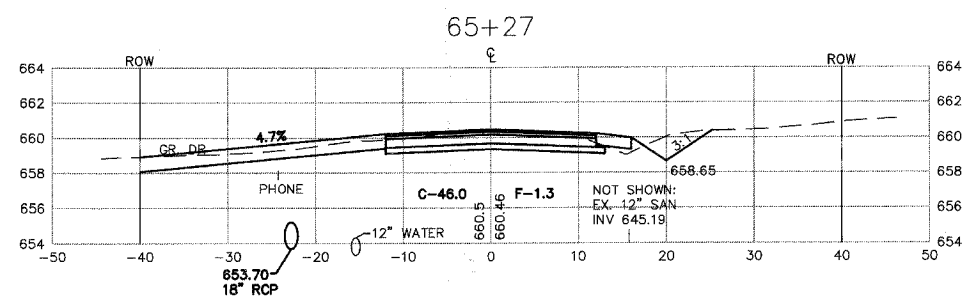
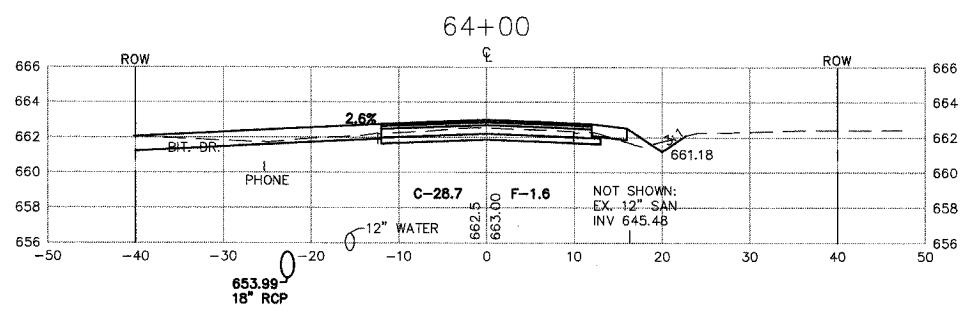
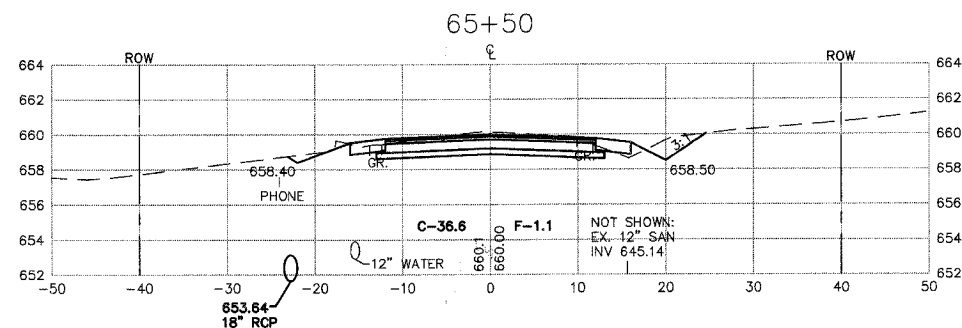
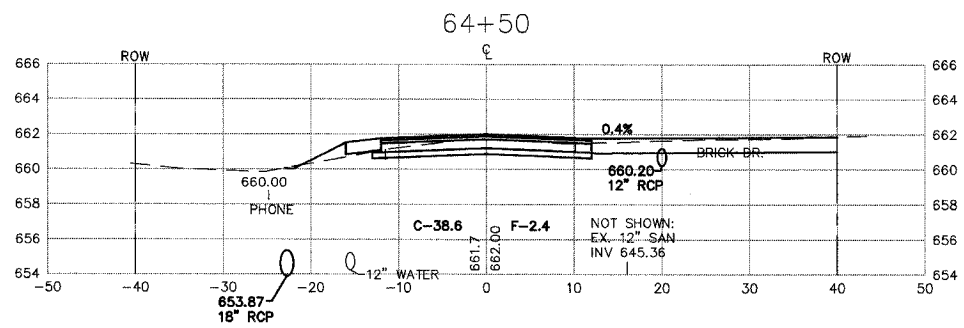
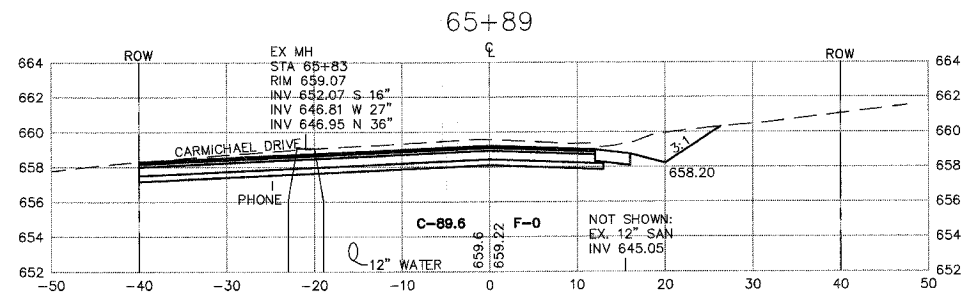
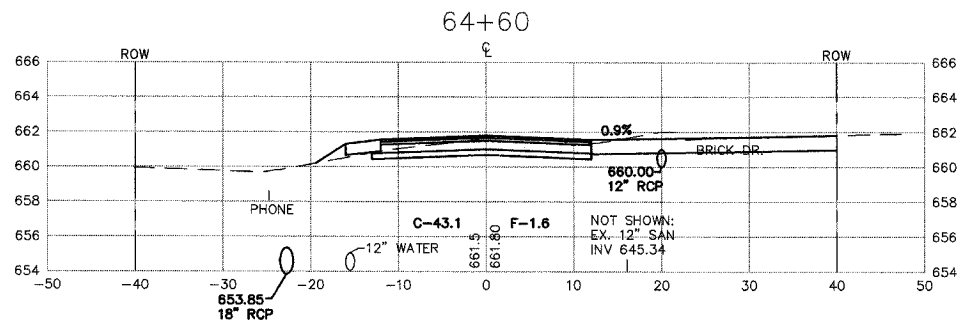
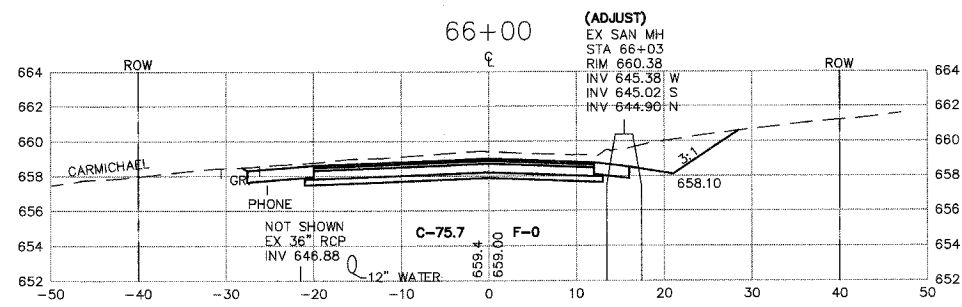
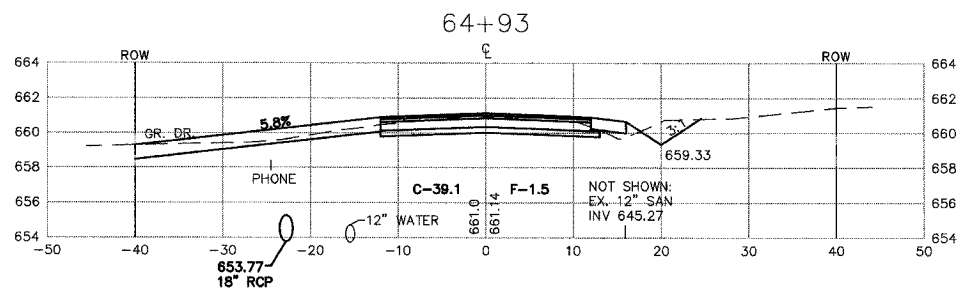
DATE	REVISIONS	BY	SHEET
1	5-09-07	PER IDOT REVIEW	RAC
2	5-24-07	PER IDOT REVIEW	RAC
3	9-04-07	PER IDOT REVIEW	RAC
4			

27

OF 40 SHEETS

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	28
F.H.W.A. REG.	ILLINOIS	PROJECT:		

83957



PLOT DATE: SEP 05, 2007
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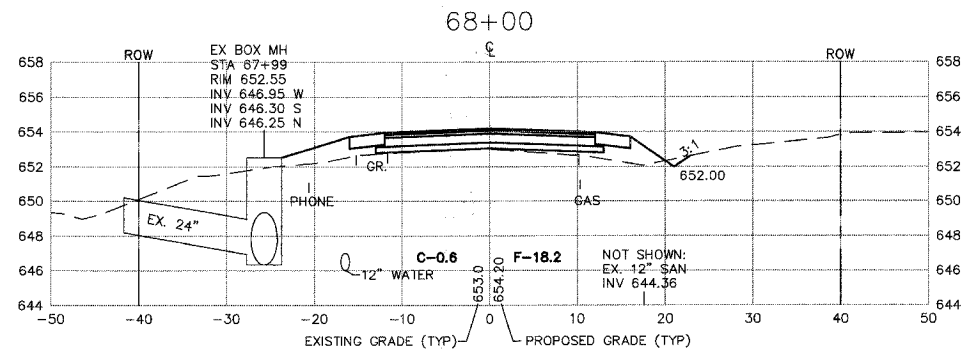
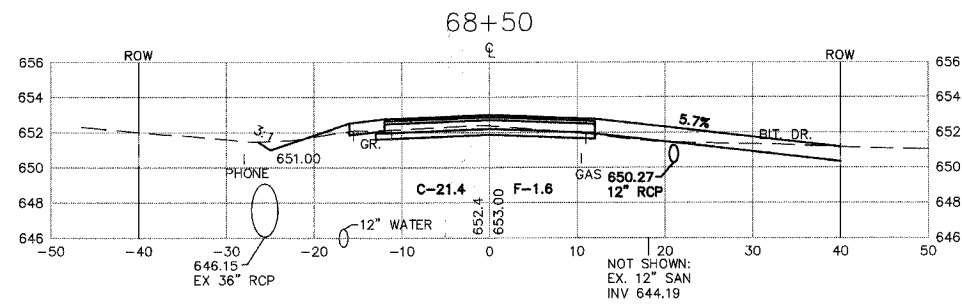
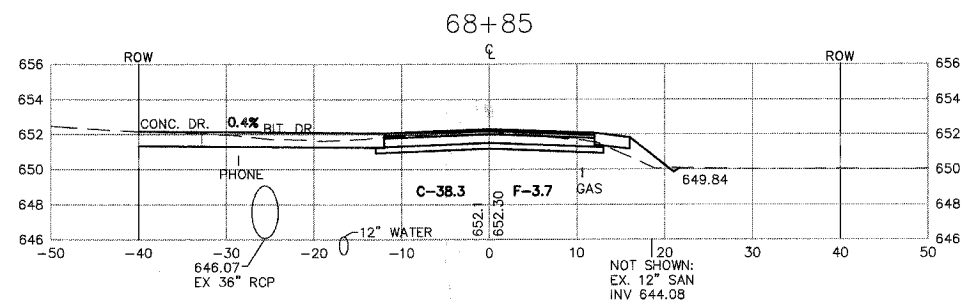
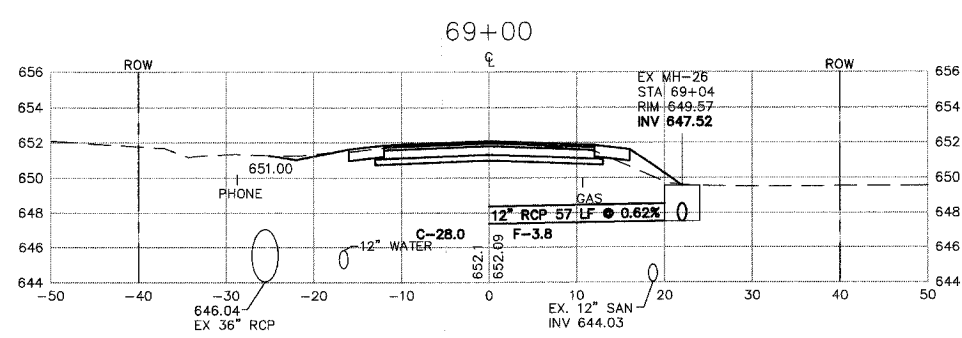
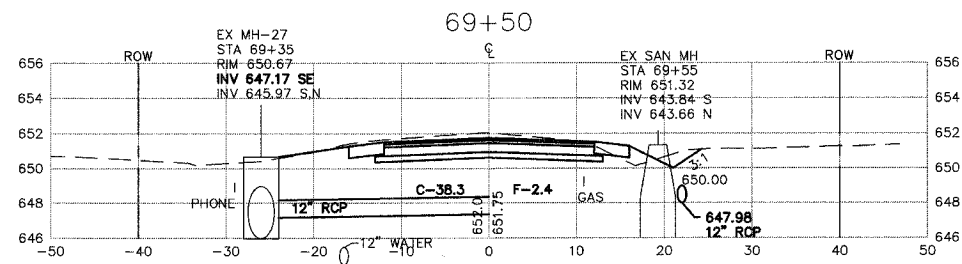
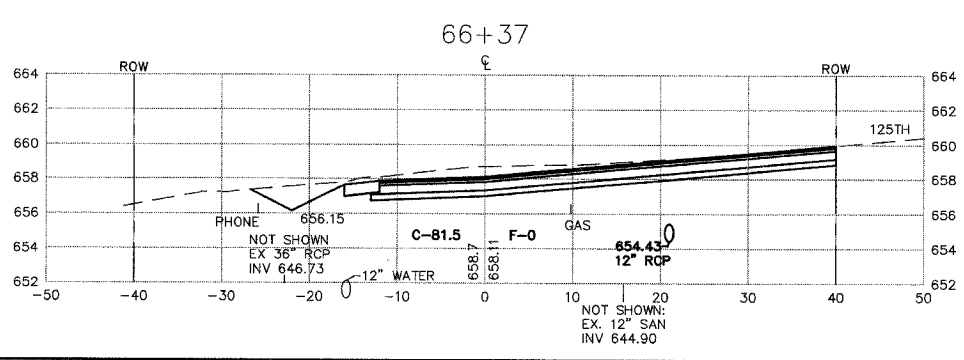
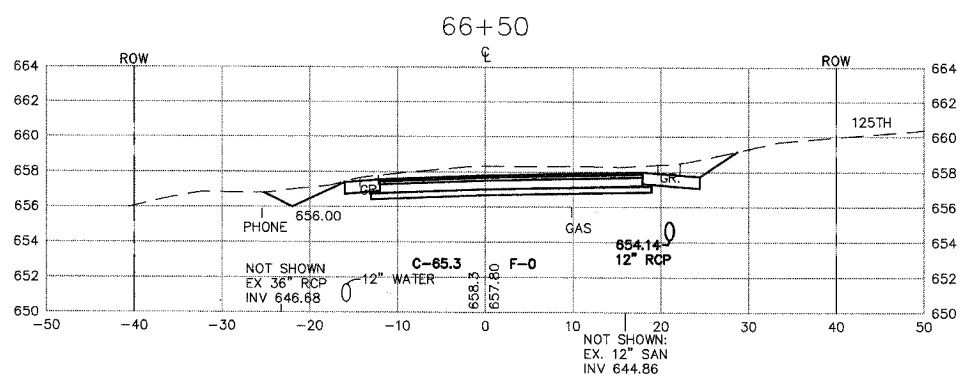
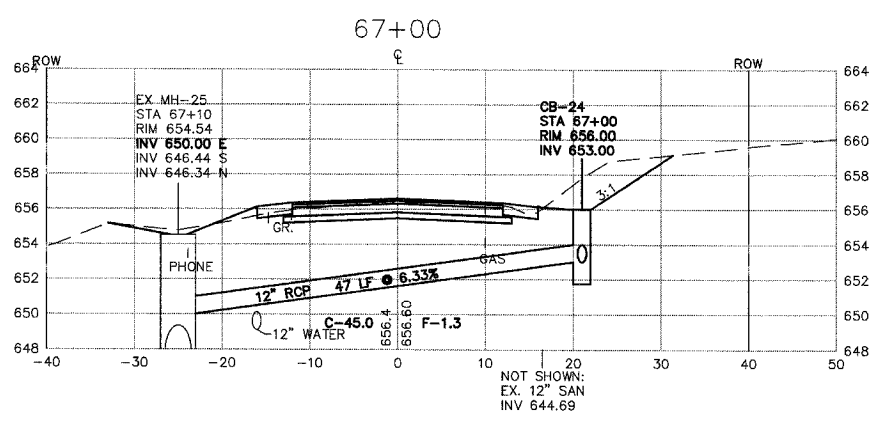
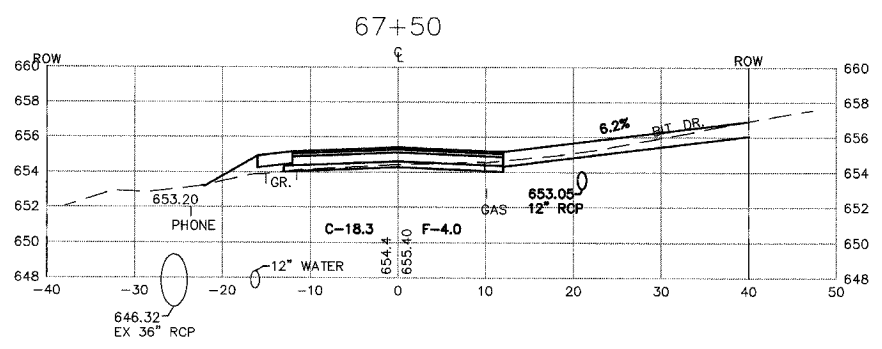
MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-XSECS.dwg
 DRAWN BY : CJS DESIGN BY: RAC CHECKED BY: JVV
 JOB NO. : 04-PH-3003 SCALE: 1"=10' H 1"=5' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

**CROSS SECTIONS
 STA. 63+50 TO STA. 66+00**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	28 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	29
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

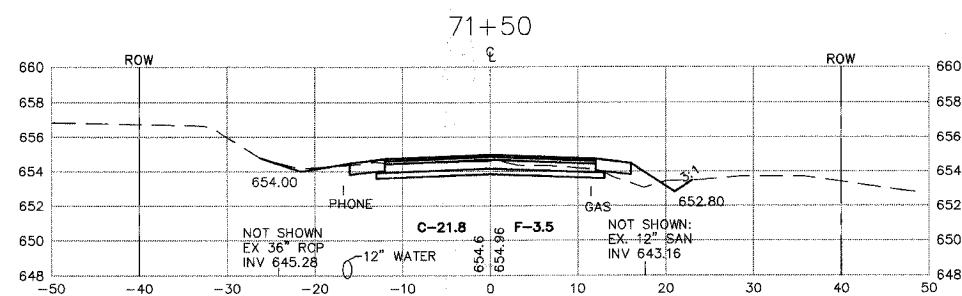
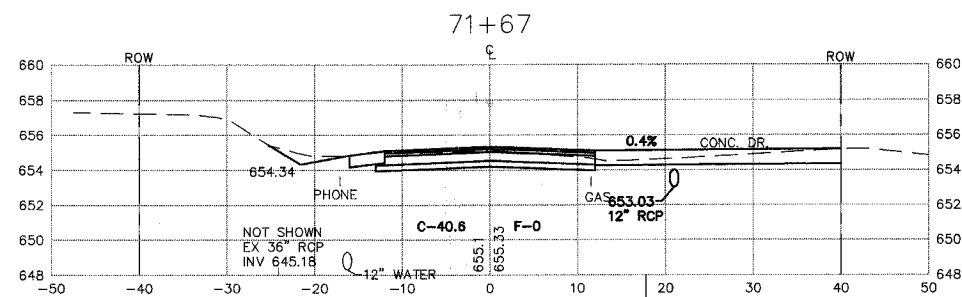
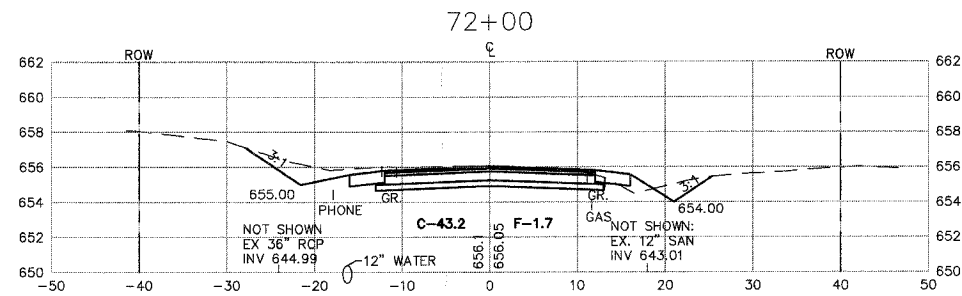
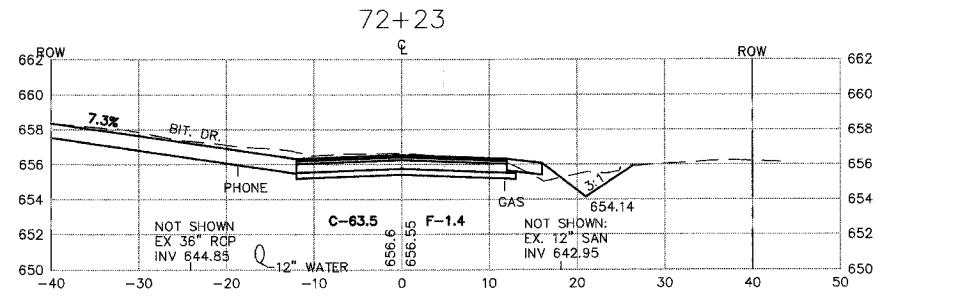
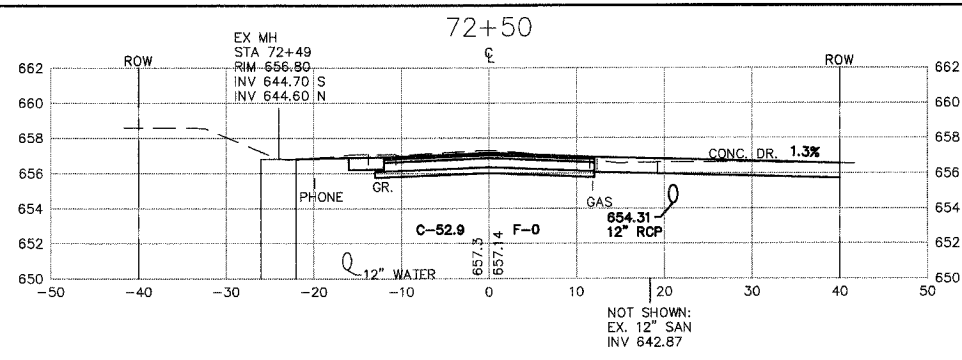
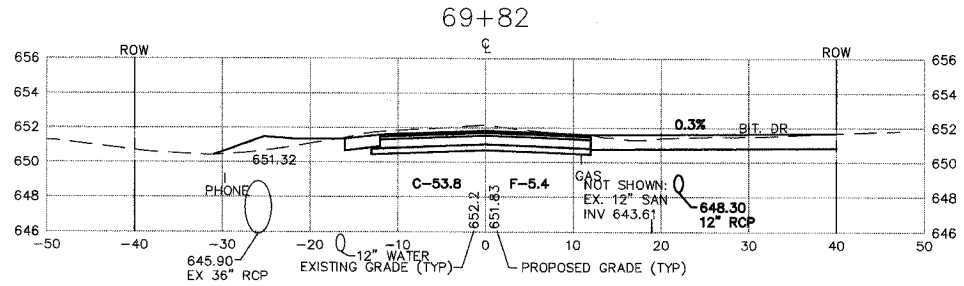
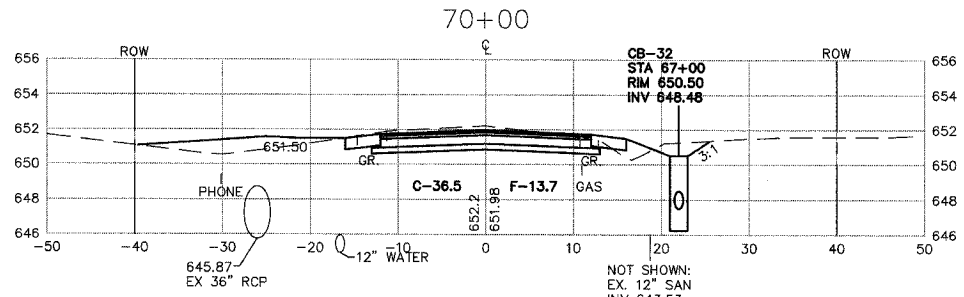
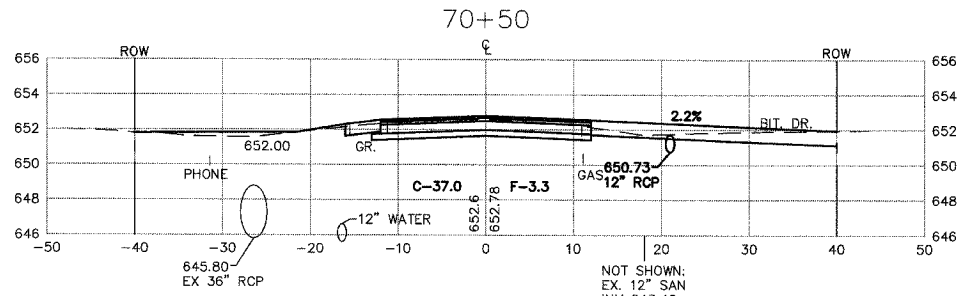
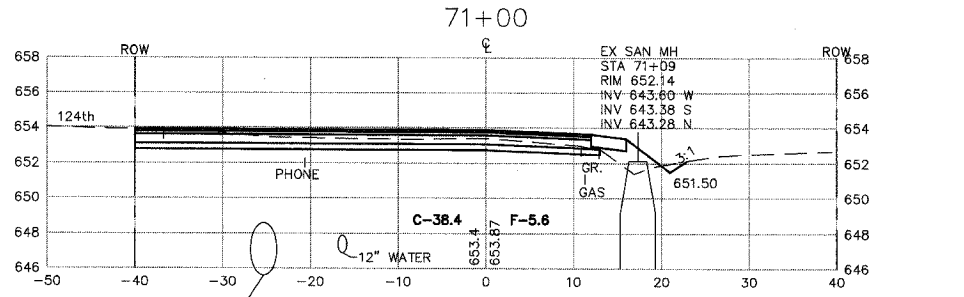
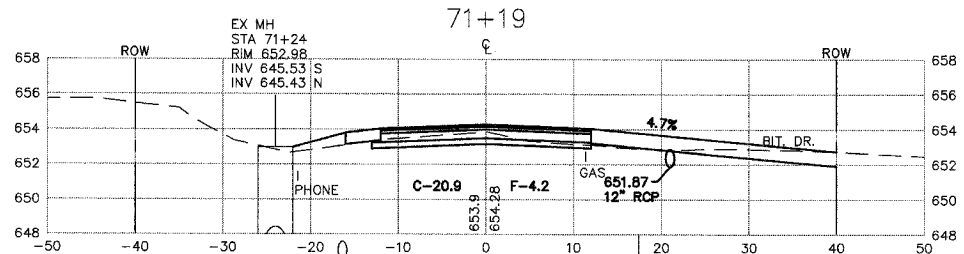
**CROSS SECTIONS
 STA. 66+37 TO STA. 69+50**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	29 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

PLOT DATE: Sep 05, 2007
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	30
F.H.W.A. REG.	ILLINOIS	PROJECT:		

83957



PLOT DATE: SEP 05, 2007
 FILENAME: I:\04-PH-3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg

MORRIS ENGINEERING, INC.

5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM

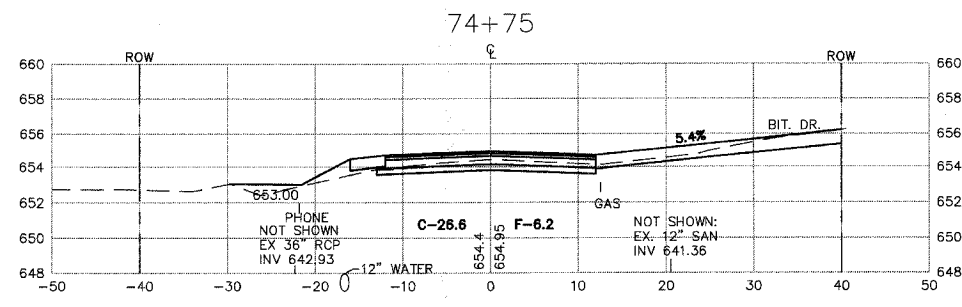
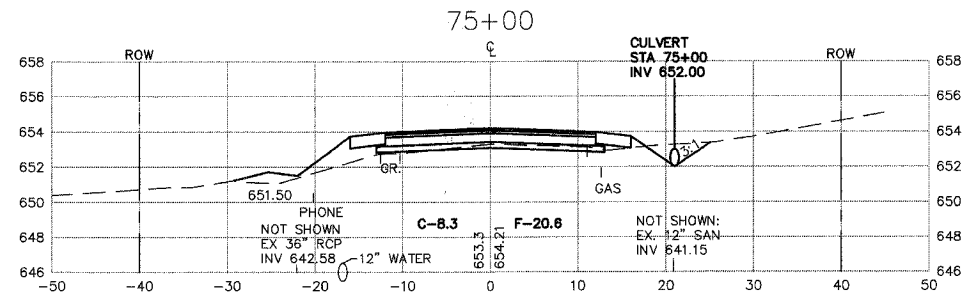
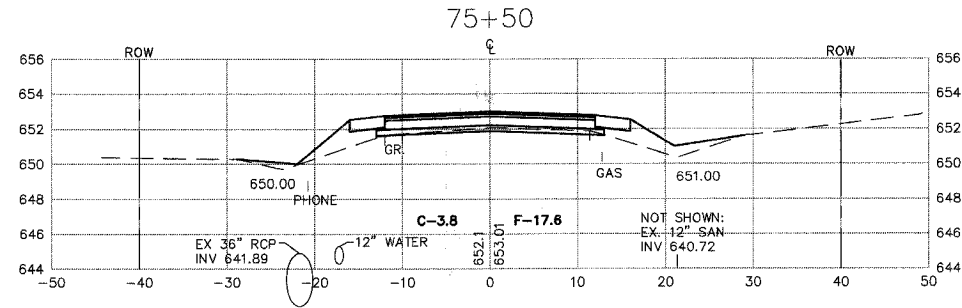
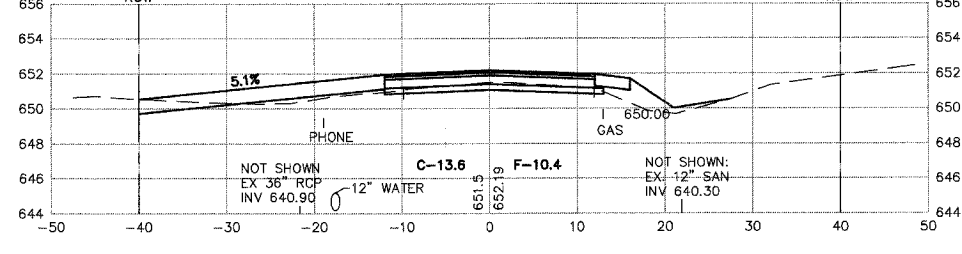
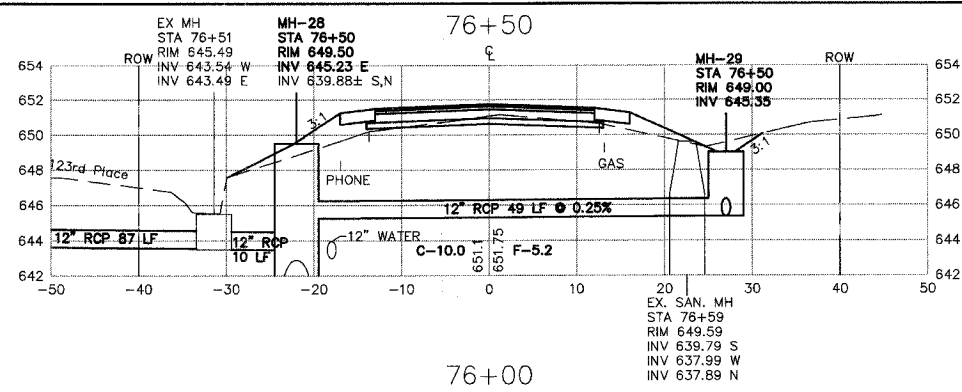
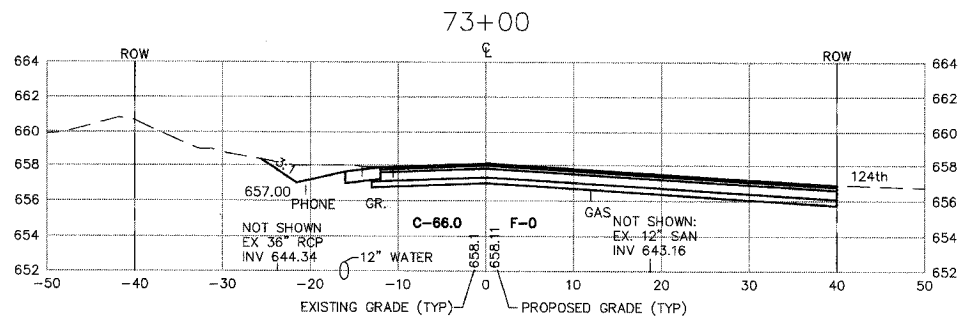
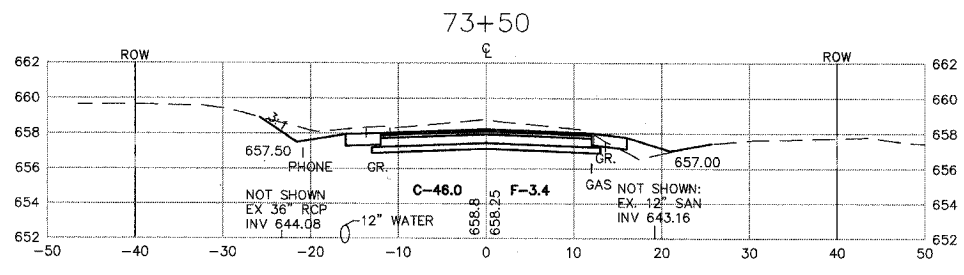
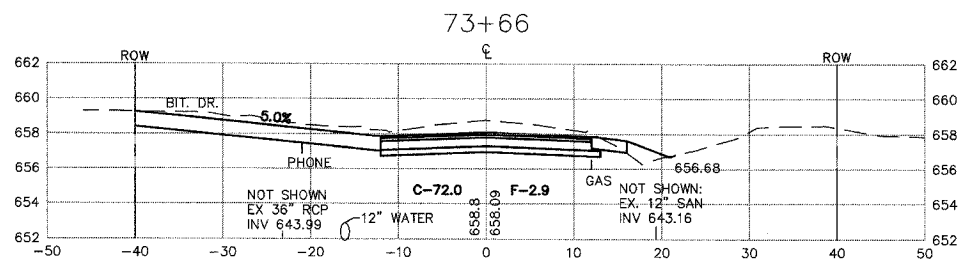
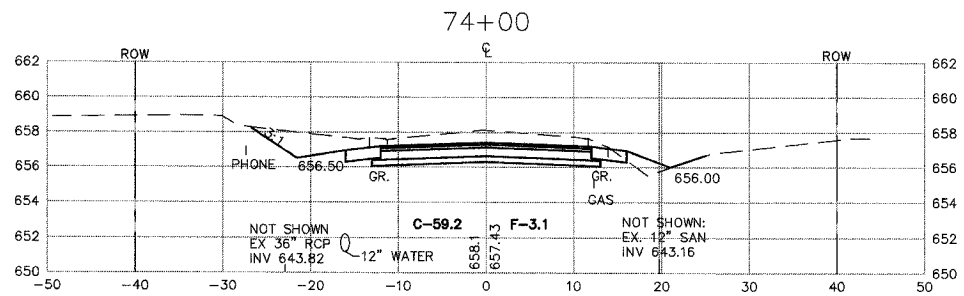
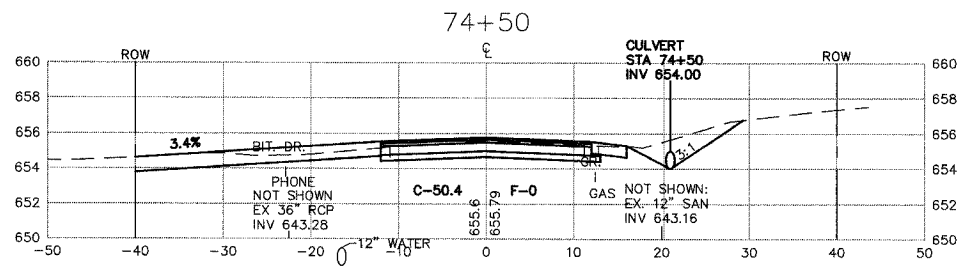
LOCATION: H:\04-PH-3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

76TH AVENUE RECONSTRUCTION 127TH STREET TO ILLINOIS ROUTE 83

CROSS SECTIONS STA. 69+82 TO STA. 72+50

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	30 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	31
F.H.W.A. REG. 83957		ILLINOIS	PROJECT.	



MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630)271-0770 • WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

**CROSS SECTIONS
 STA. 73+82 TO STA. 76+50**

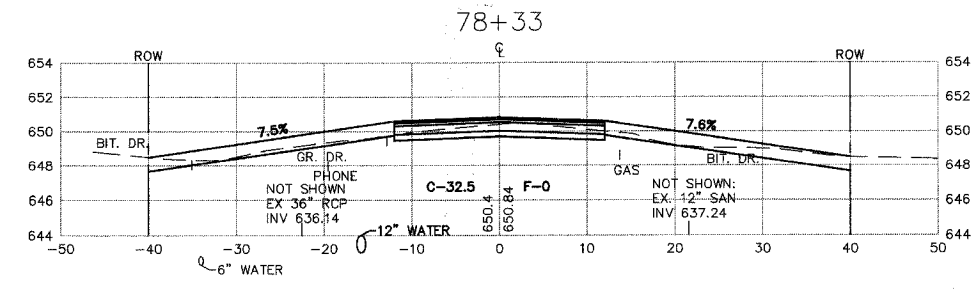
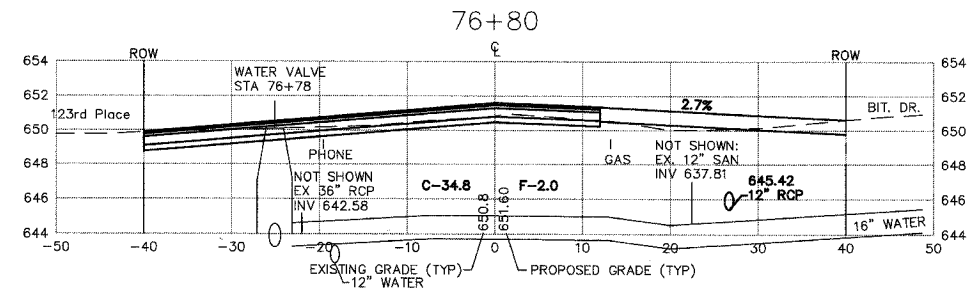
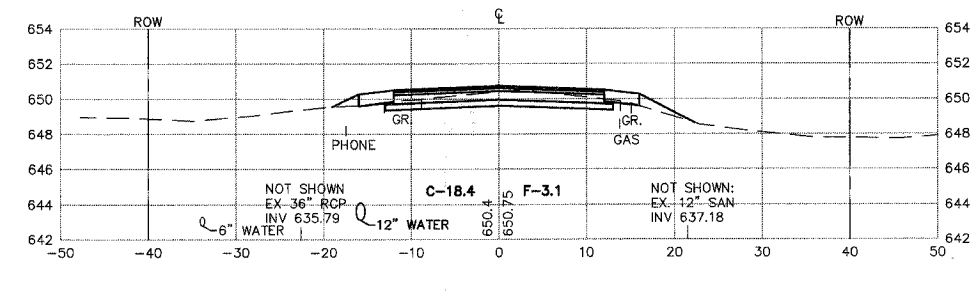
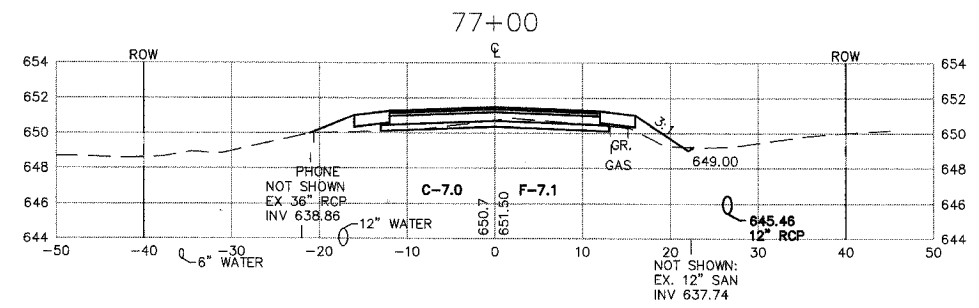
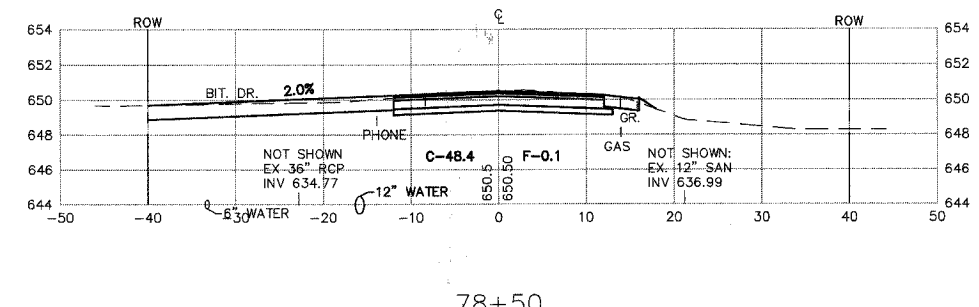
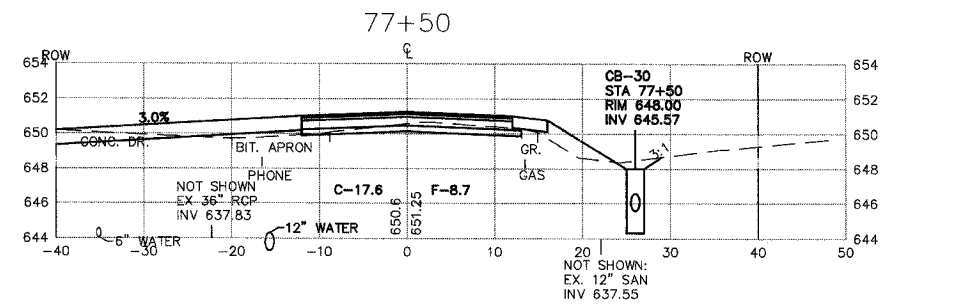
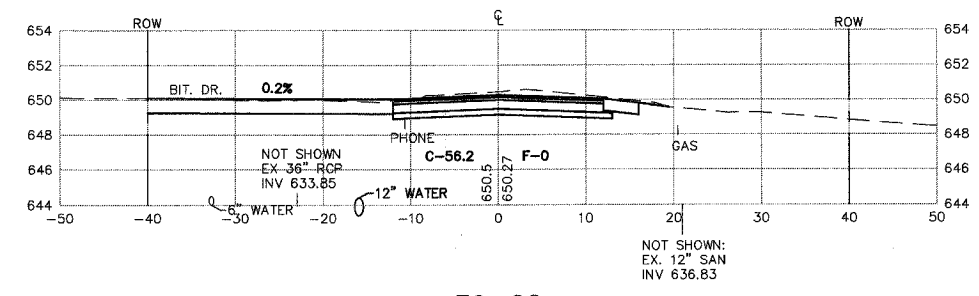
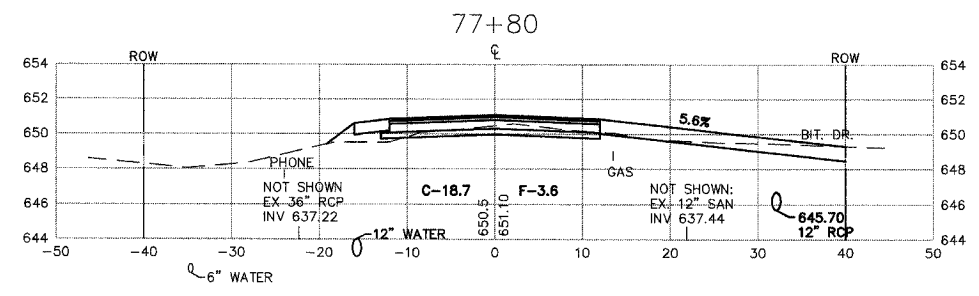
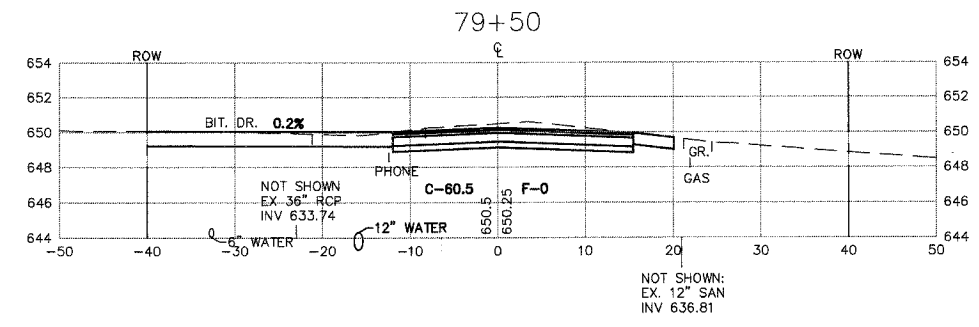
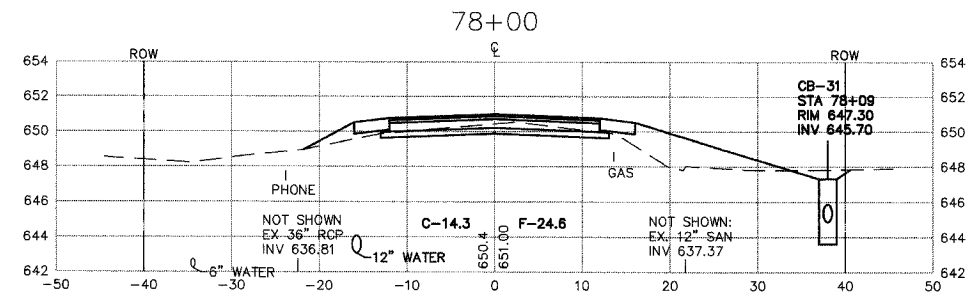
DATE	REVISIONS	BY	SHEET
1	5-09-07	PER IDOT REVIEW	RAC
2	5-24-07	PER IDOT REVIEW	RAC
3	9-04-07	PER IDOT REVIEW	RAC
4			

31

OF 40 SHEETS

PLOT DATE: SEP 05, 2007
 FILENAME: I:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	32
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE Lisle, Illinois 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

**CROSS SECTIONS
 STA. 76+80 TO STA. 79+50**

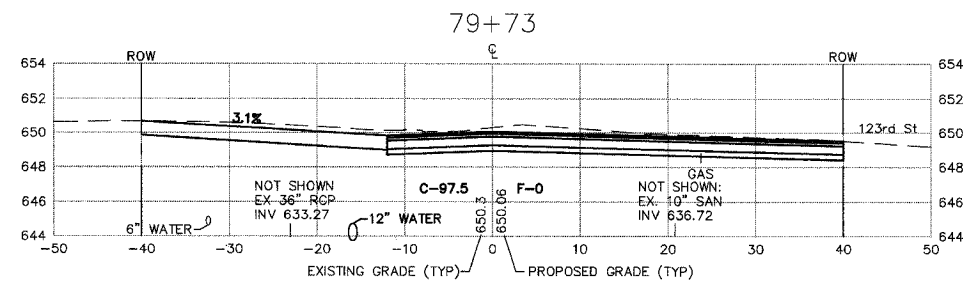
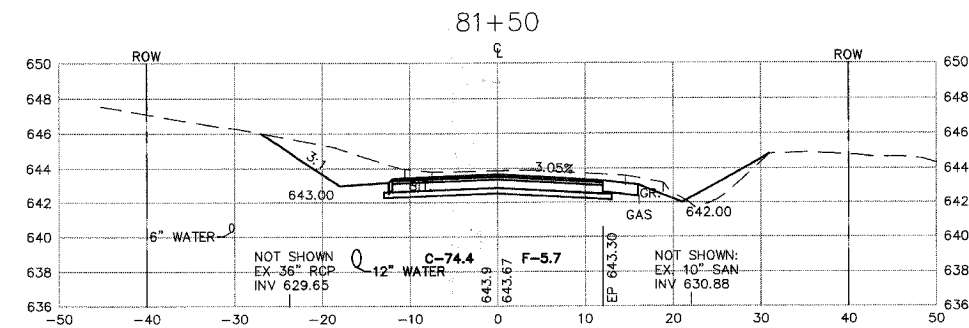
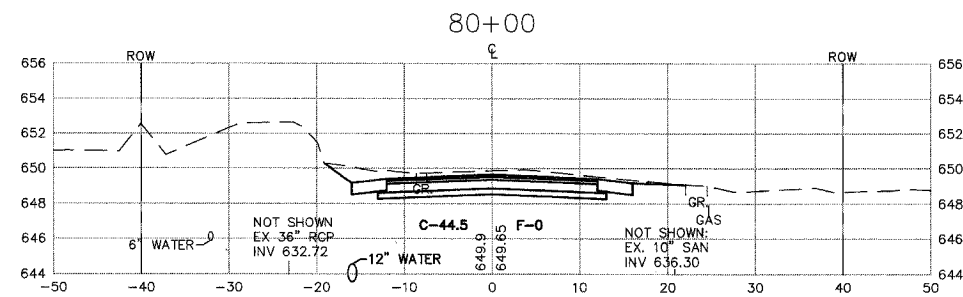
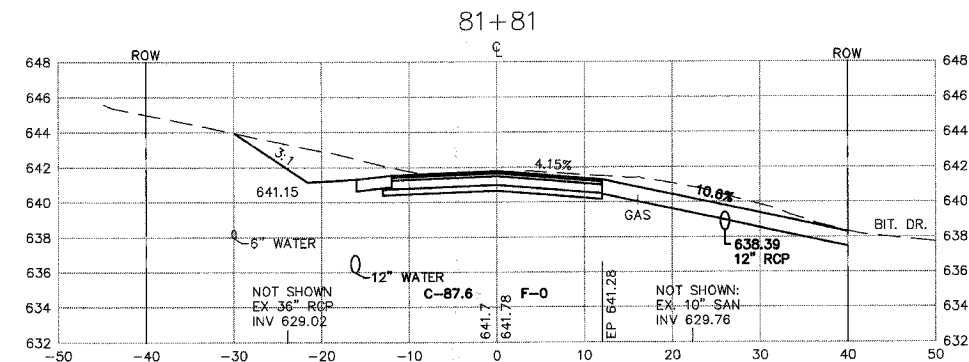
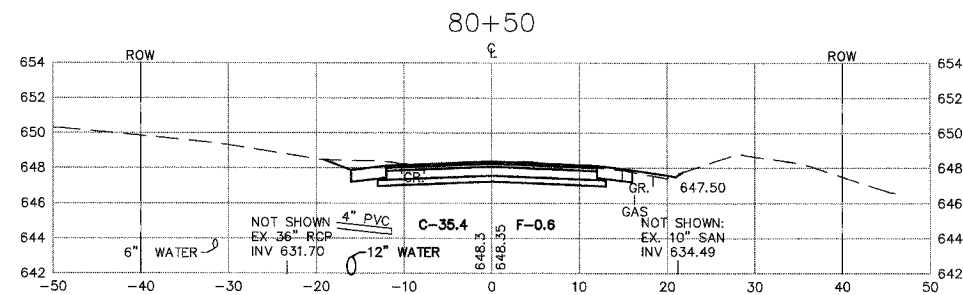
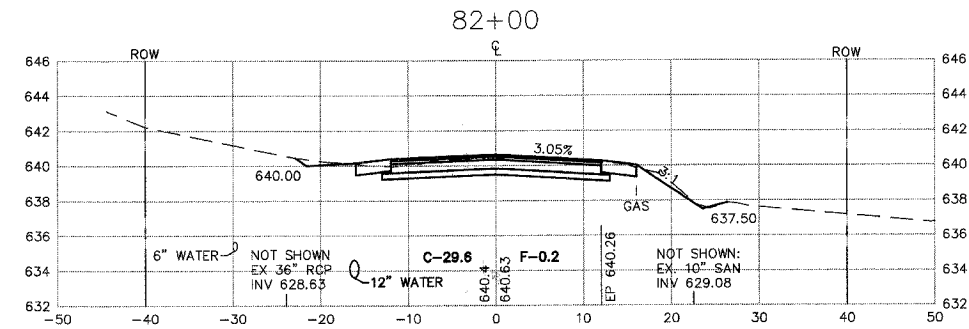
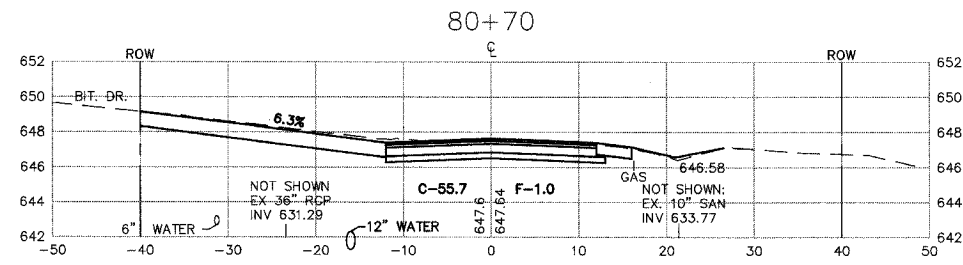
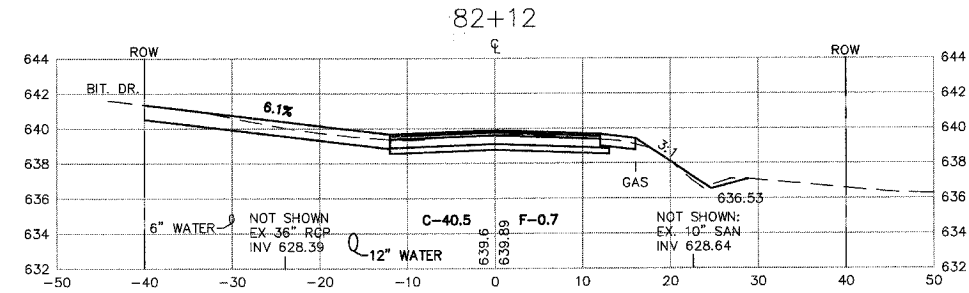
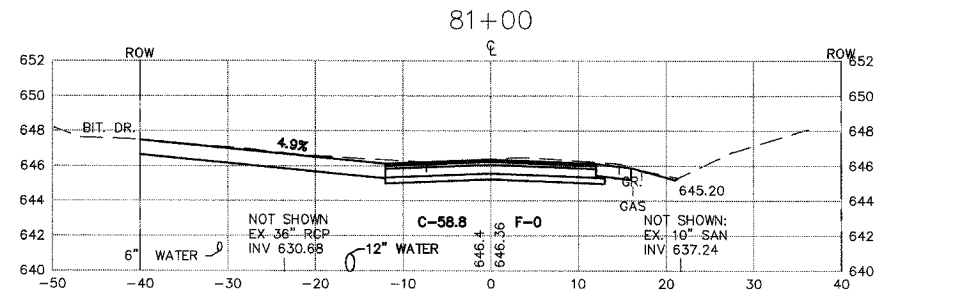
DATE	REVISIONS	BY	SHEET
1	5-09-07	PER IDOT REVIEW	RAC
2	5-24-07	PER IDOT REVIEW	RAC
3	9-04-07	PER IDOT REVIEW	RAC
4			

32
OF 40 SHEETS

PLOT DATE: SEP 05 2007
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	33
F.H.W.A. REG.	ILLINOIS	PROJECT:		

83957



MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JVV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

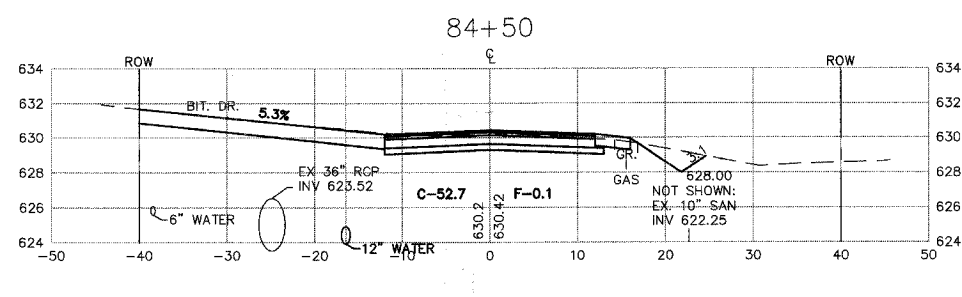
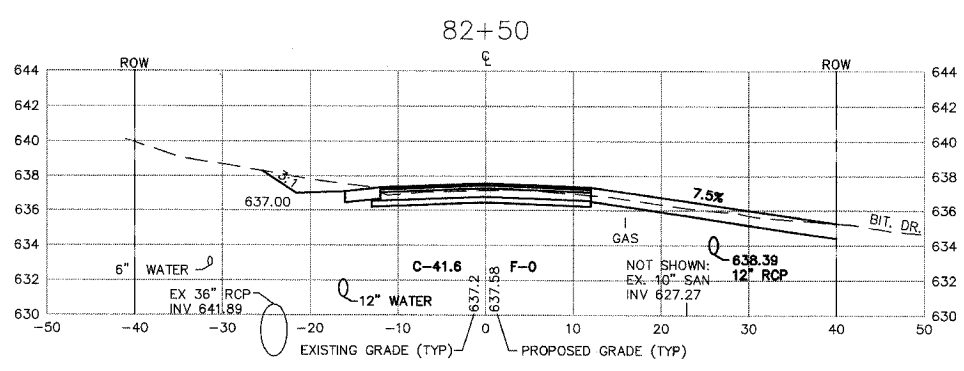
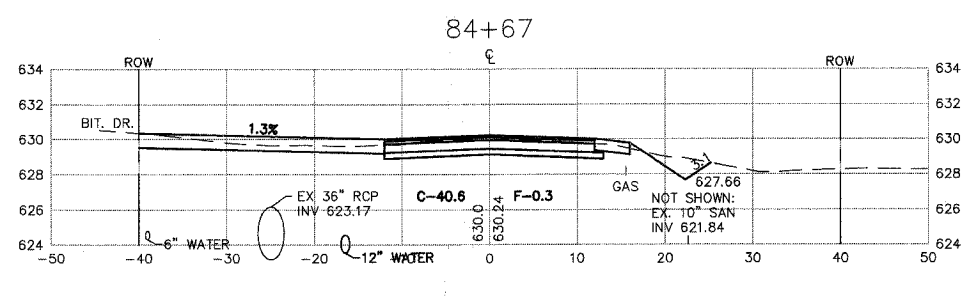
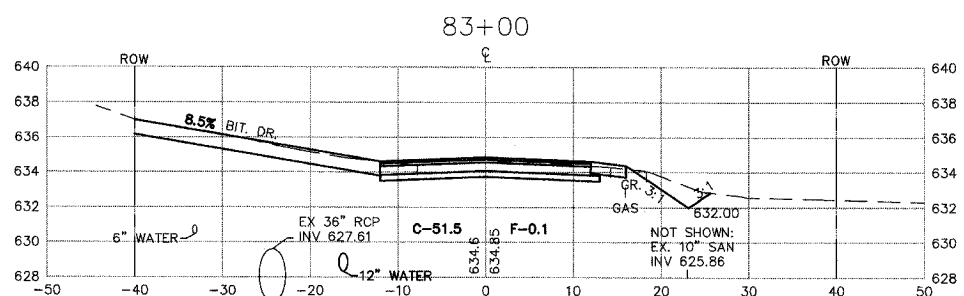
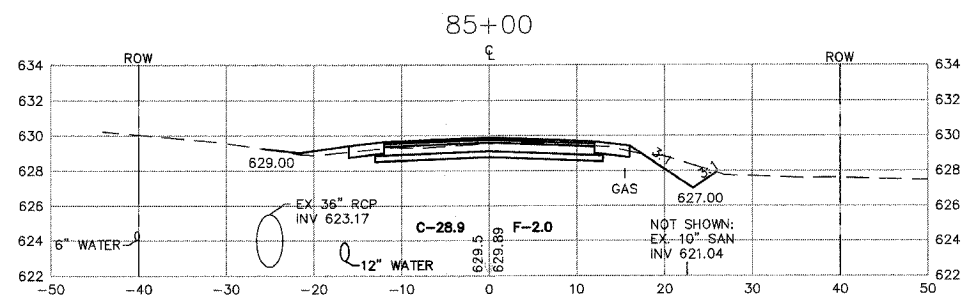
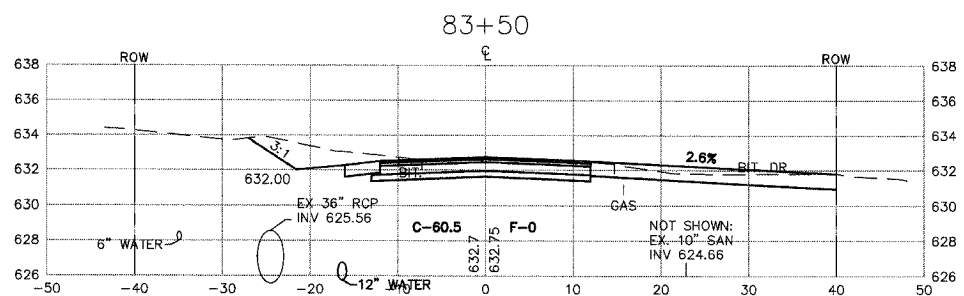
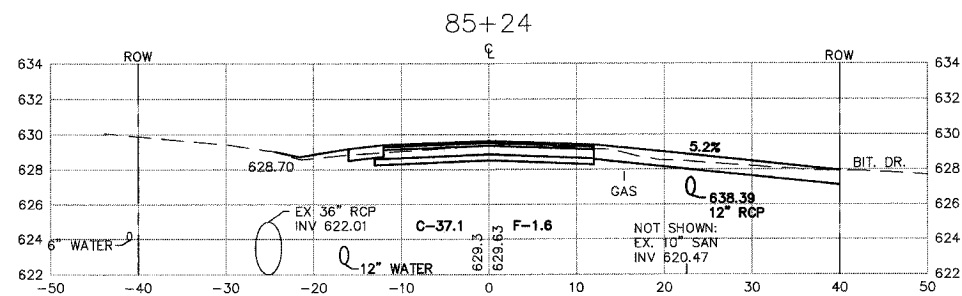
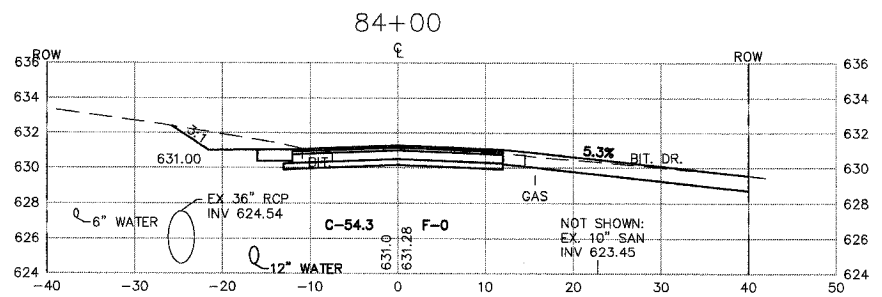
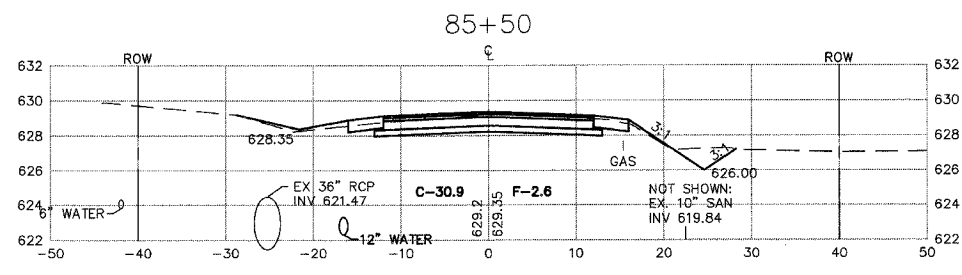
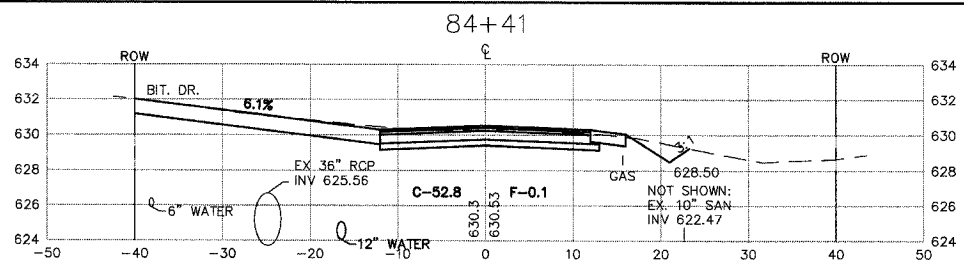
**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

**CROSS SECTIONS
 STA. 79+73 TO STA. 82+12**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	33 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

PLOT DATE: SEP 05, 2007
 FILENAME: I:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	34
F.H.W.A. REG.		ILLINOIS	PROJECT:	
83957				



PLOT DATE: Sep 03, 2007
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MORRIS ENGINEERING, INC.

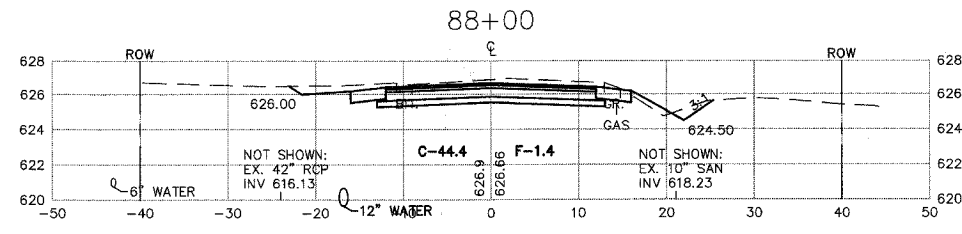
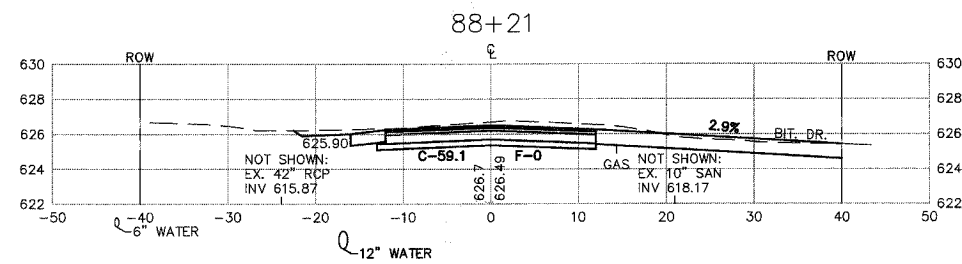
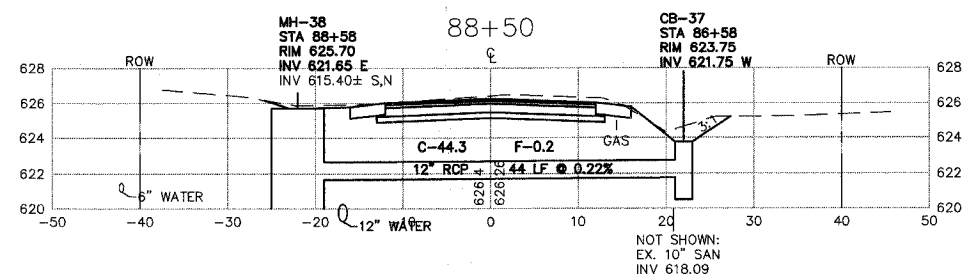
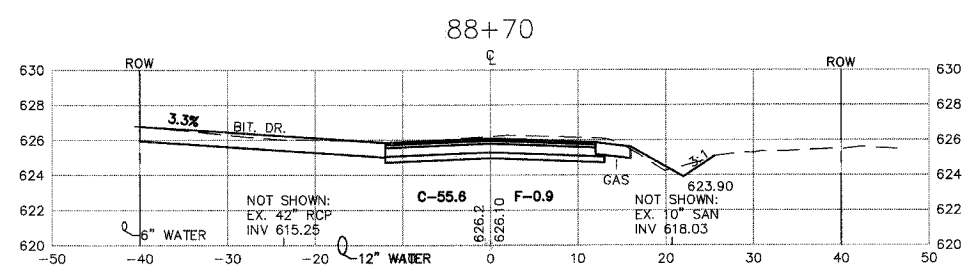
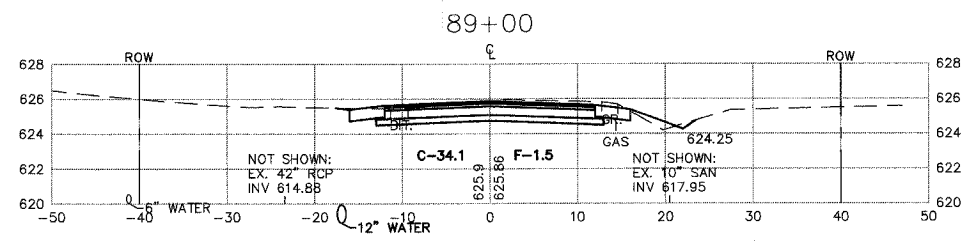
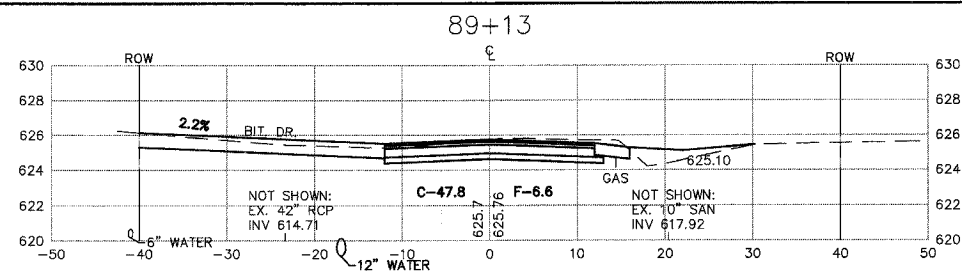
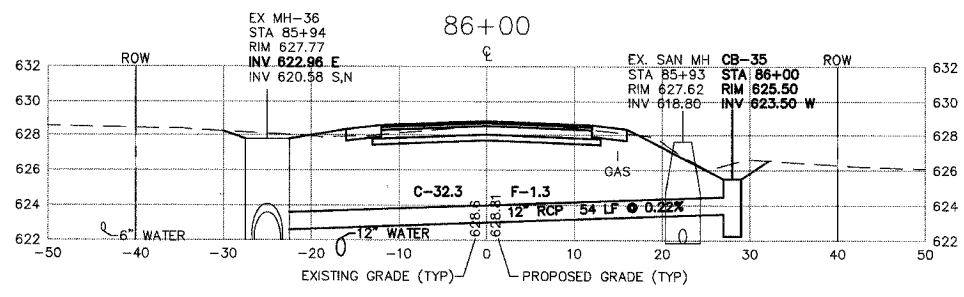
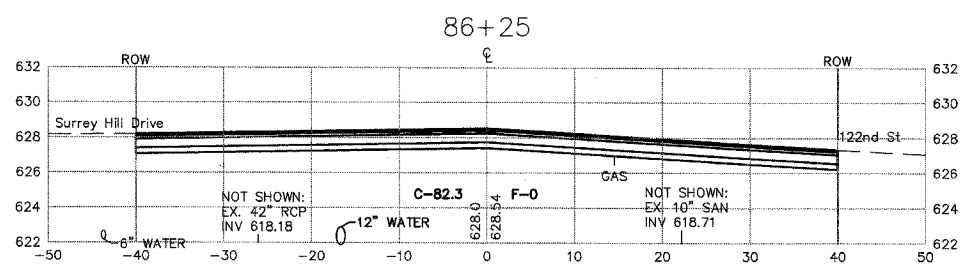
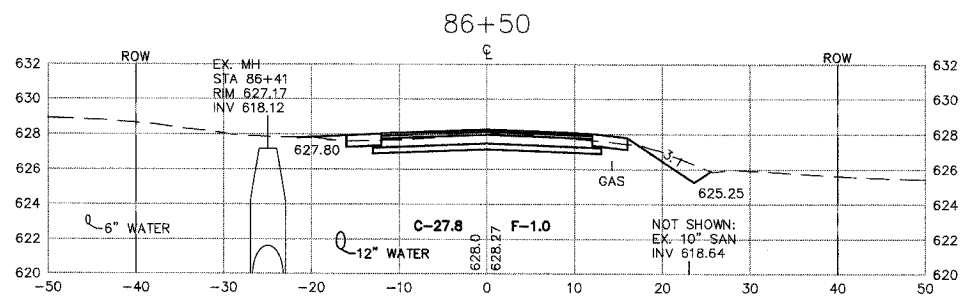
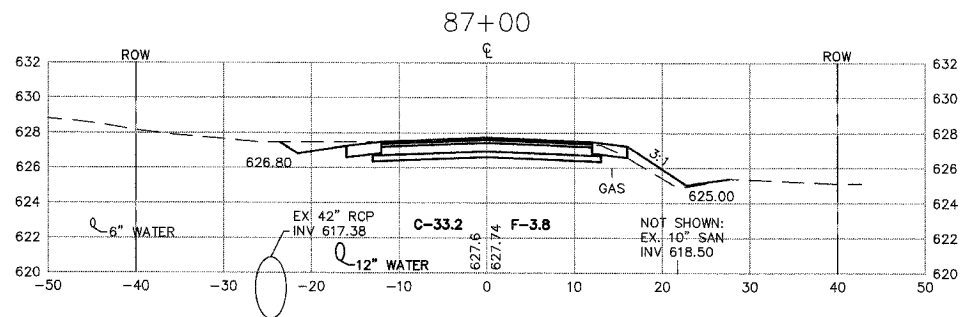
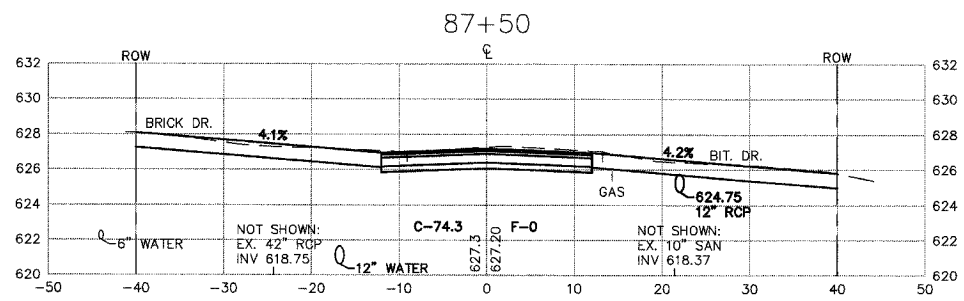
5100 LINCOLN AVE Lisle, ILLINOIS 60532
 PHONE: (630)271-0770 • WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

76TH AVENUE RECONSTRUCTION 127TH STREET TO ILLINOIS ROUTE 83

CROSS SECTIONS STA. 82+50 TO STA. 85+50

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	34 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	35
F.H.W.A. REG. ILLINOIS PROJECT:		83957		



MORRIS ENGINEERING, INC.

5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

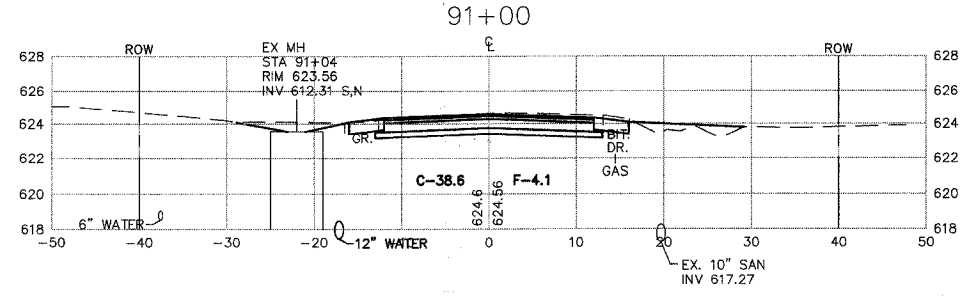
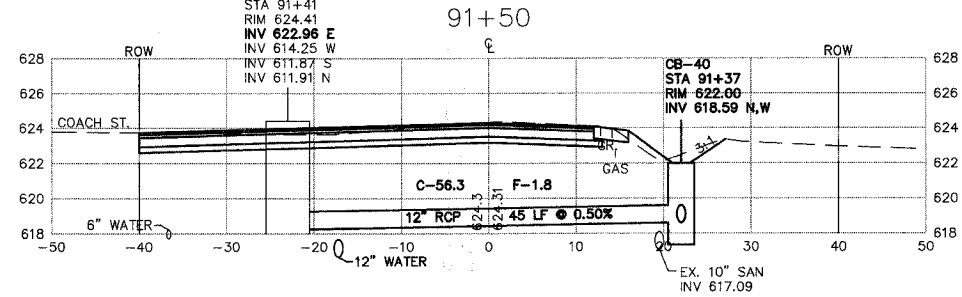
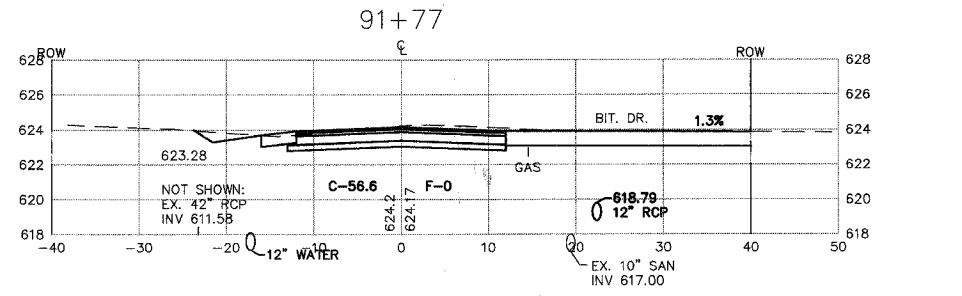
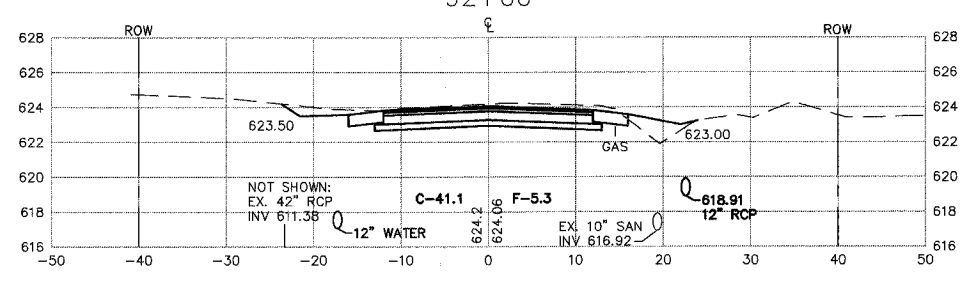
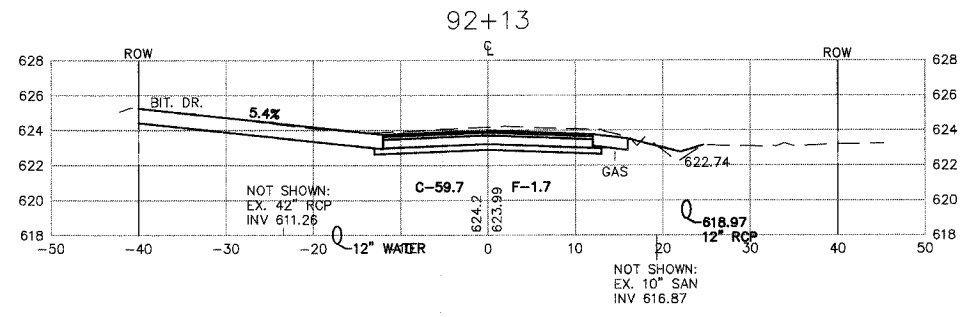
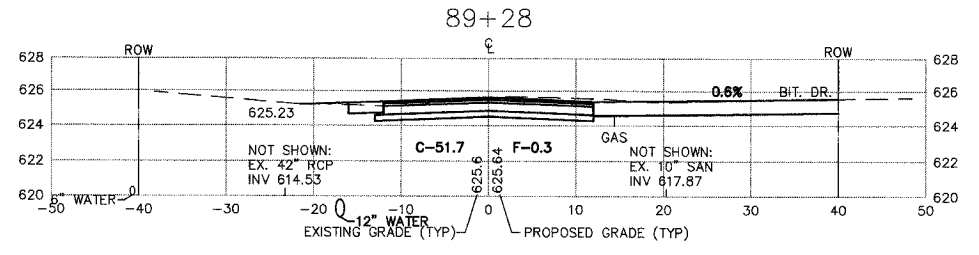
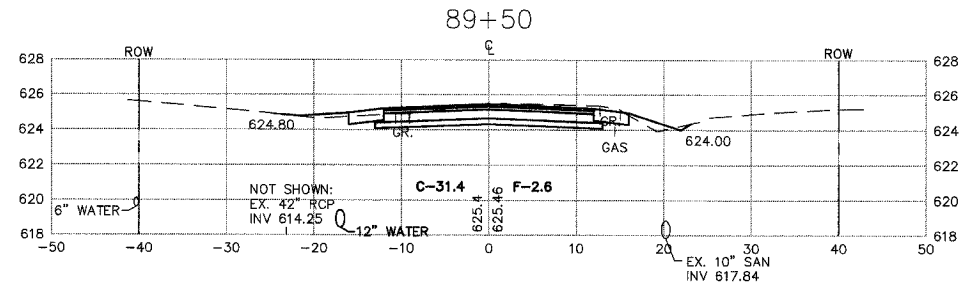
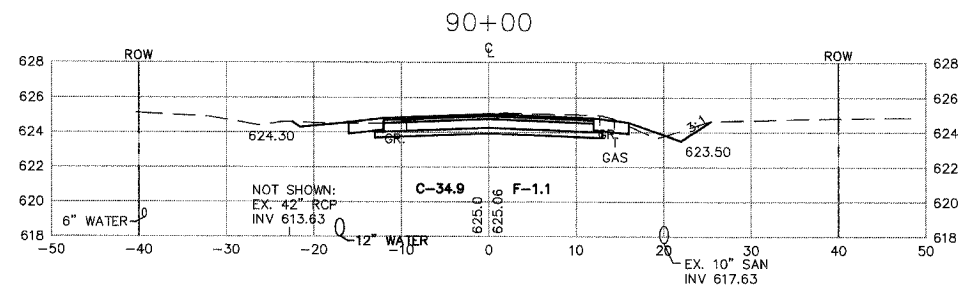
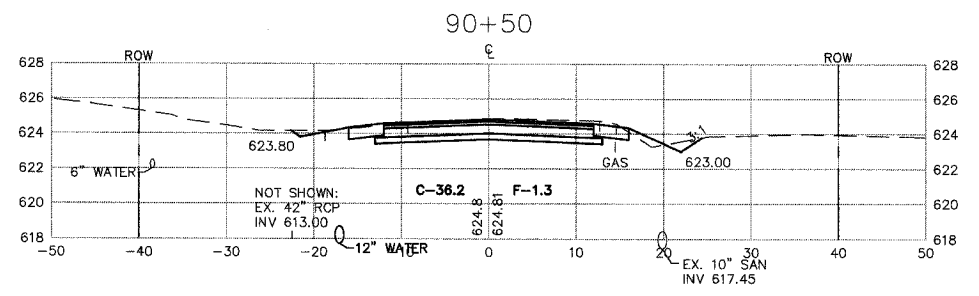
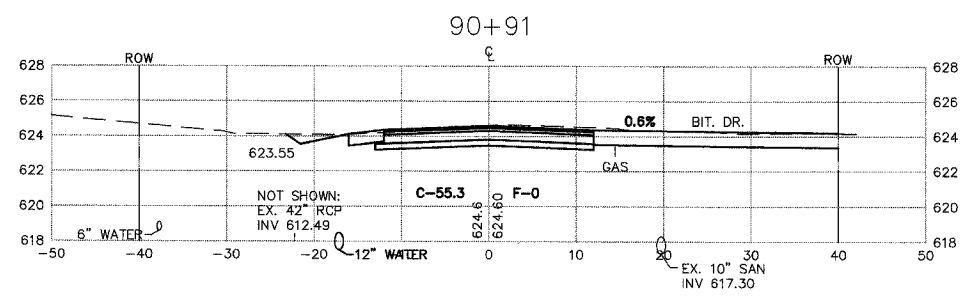
**CROSS SECTIONS
 STA. 86+00 TO STA. 89+13**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	35 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

PLOT DATE: SEP 05, 2007
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	36
F.H.W.A. REG.	ILLINOIS	PROJECT:		

83957



MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 • WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

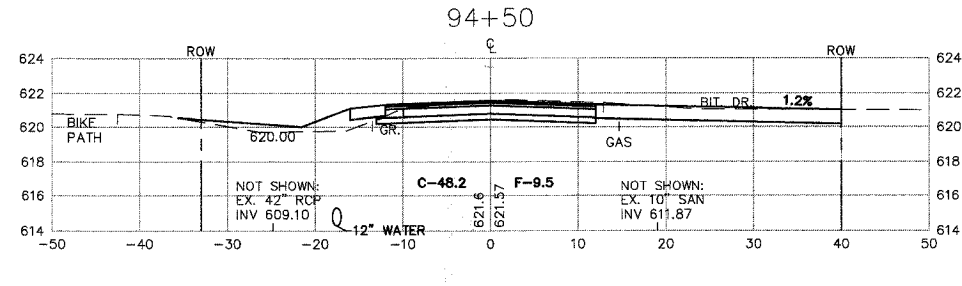
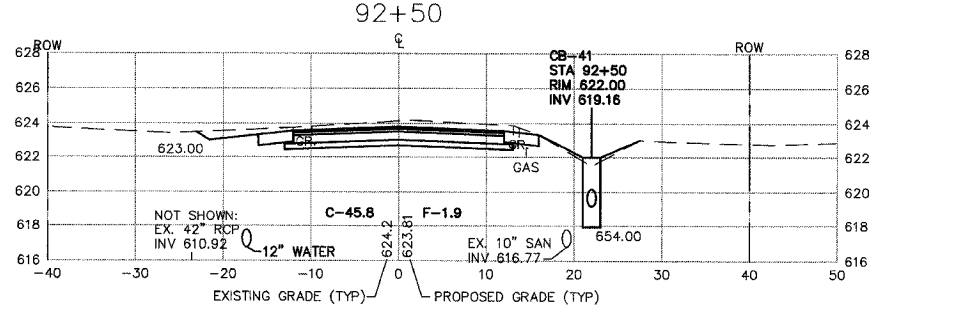
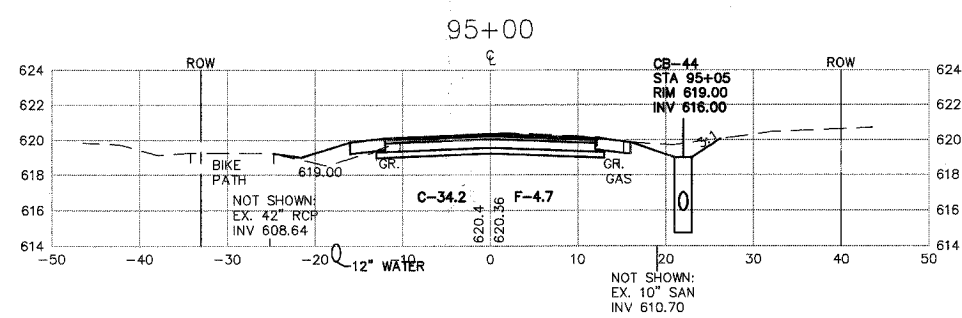
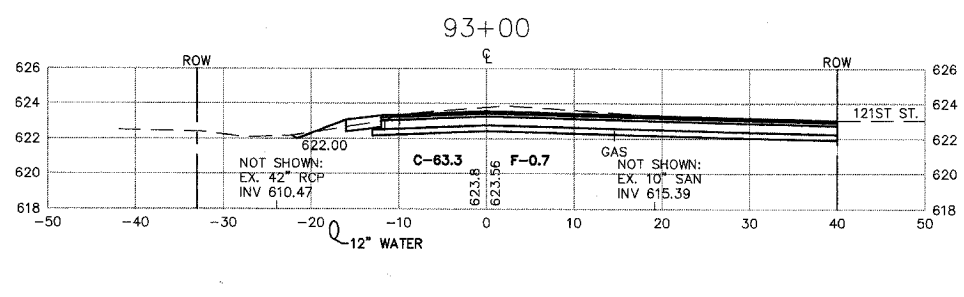
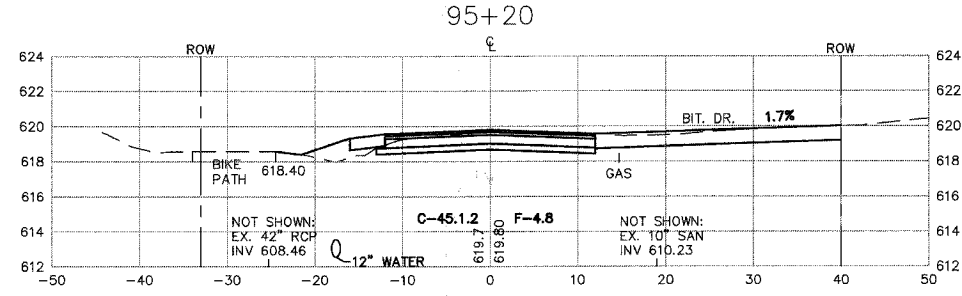
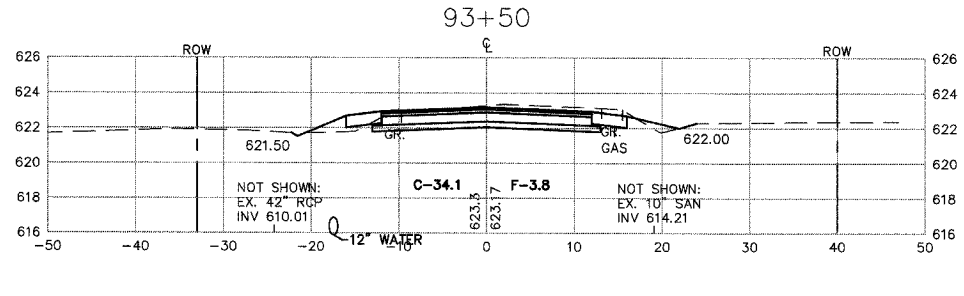
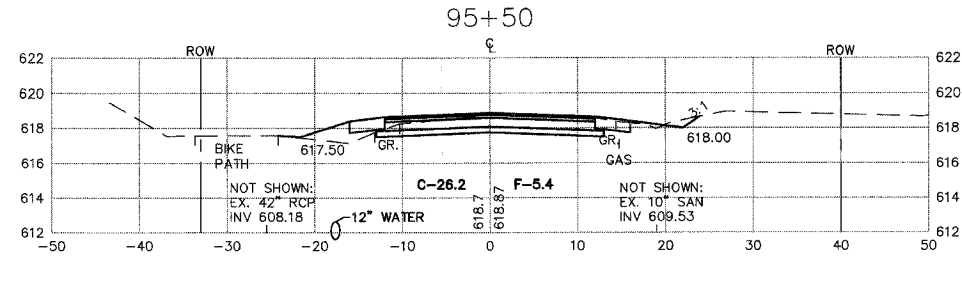
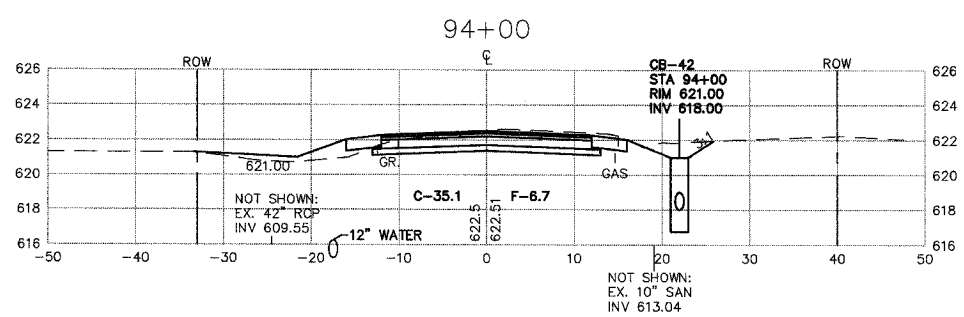
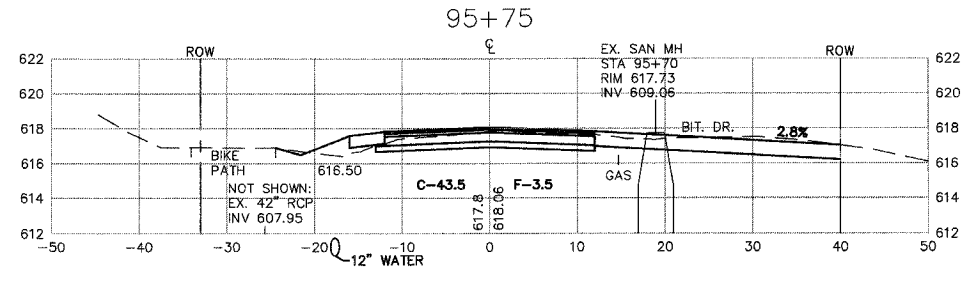
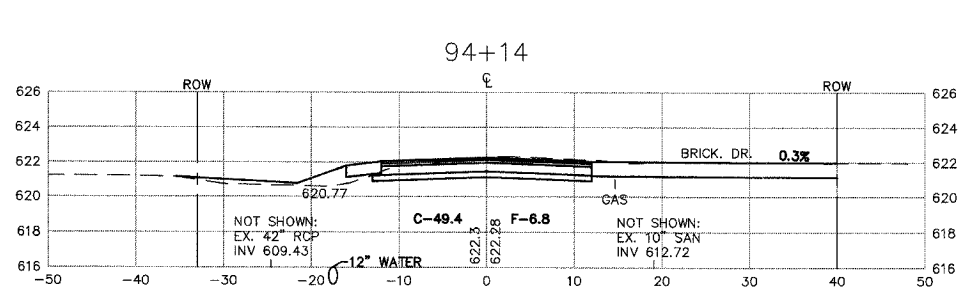
**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

**CROSS SECTIONS
 STA. 89+28 TO STA. 92+13**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	36 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

PLOT DATE: Sep 05, 2007
 FILENAME: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	37
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



PLOT DATE: Sep 03, 2007
 FILENAME: H:\04-PH\00037\PLANS-ENG\REV-3\DWG\SHEET-XSECS.dwg

MORRIS ENGINEERING, INC.

5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 • WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\00037\PLANS-ENG\REV-3\DWG\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

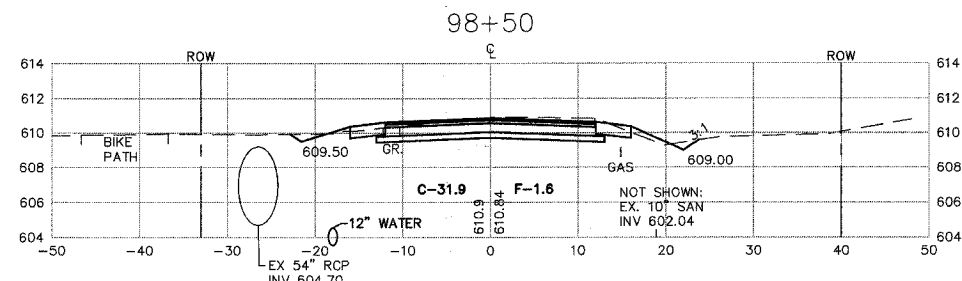
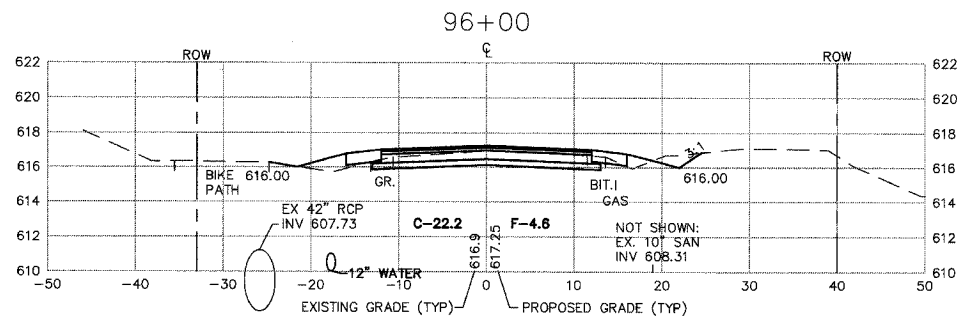
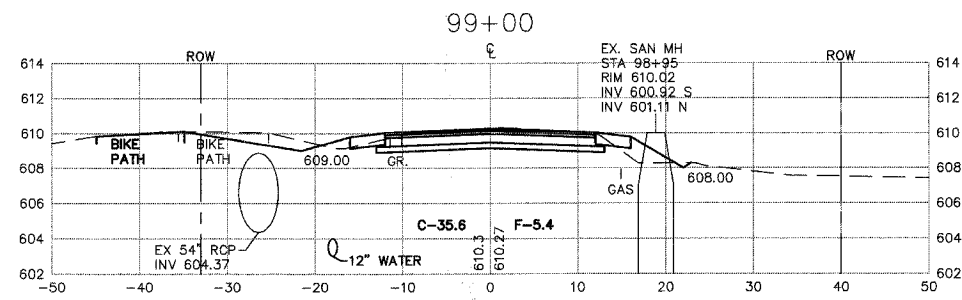
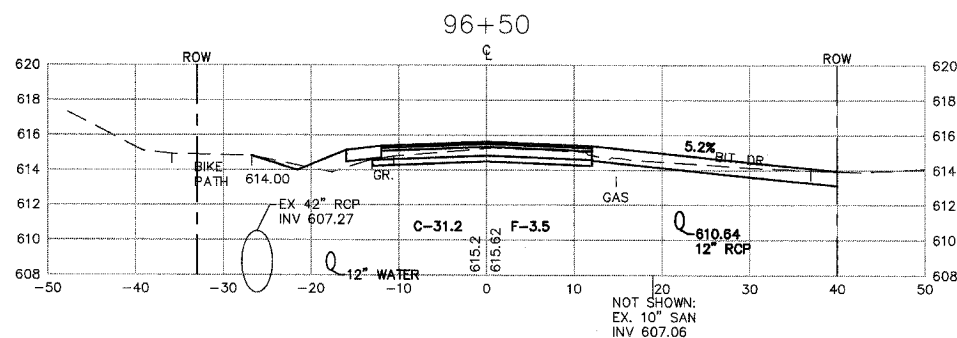
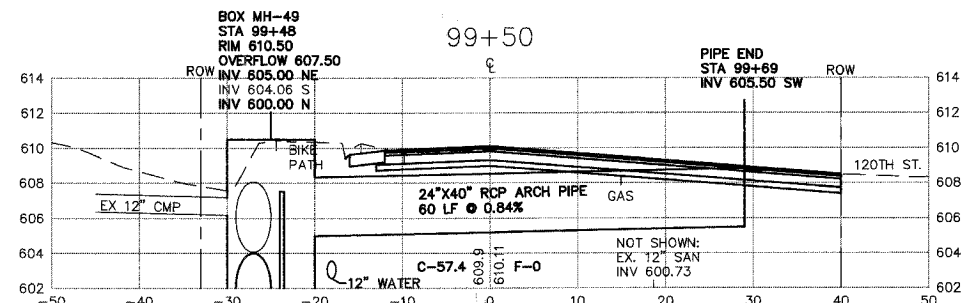
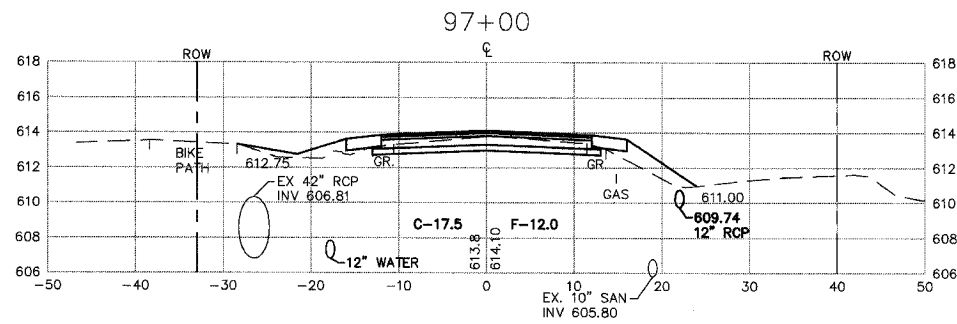
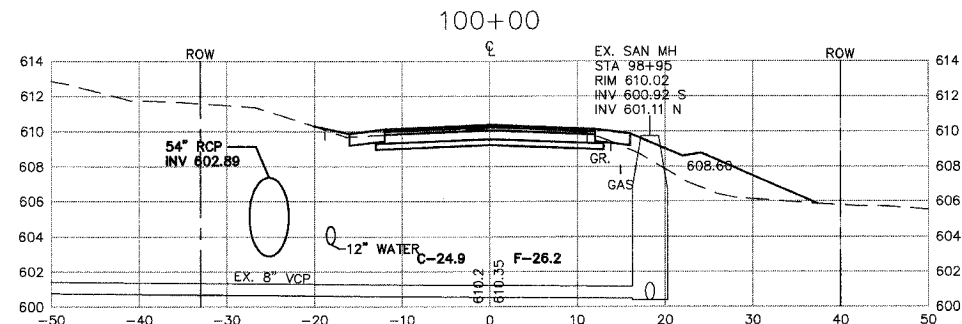
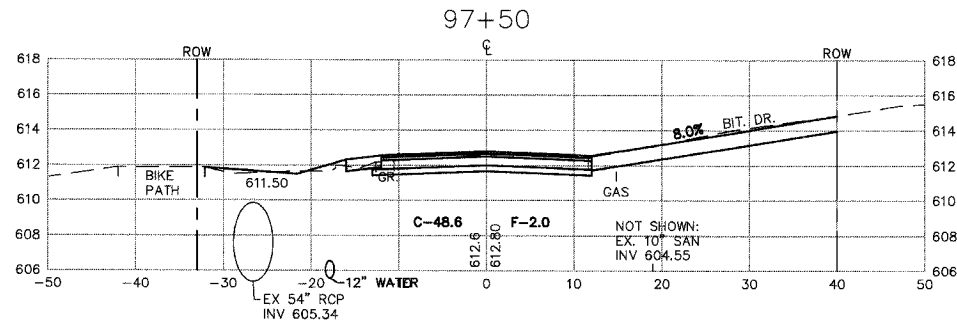
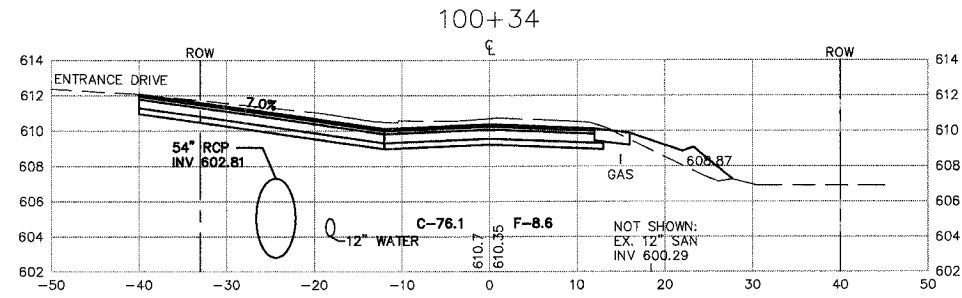
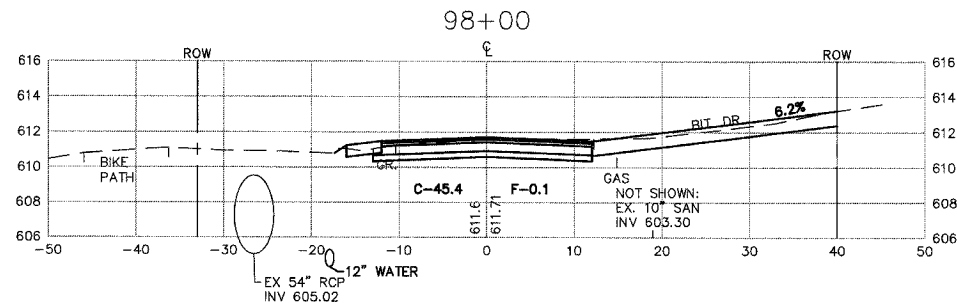
76TH AVENUE RECONSTRUCTION 127TH STREET TO ILLINOIS ROUTE 83

CROSS SECTIONS STA. 92+50 TO STA. 95+75

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	37
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

OF 40 SHEETS

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	38
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



PLOT DATE: SEP 03, 2007
 FILENAME: I:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-XSECS.dwg

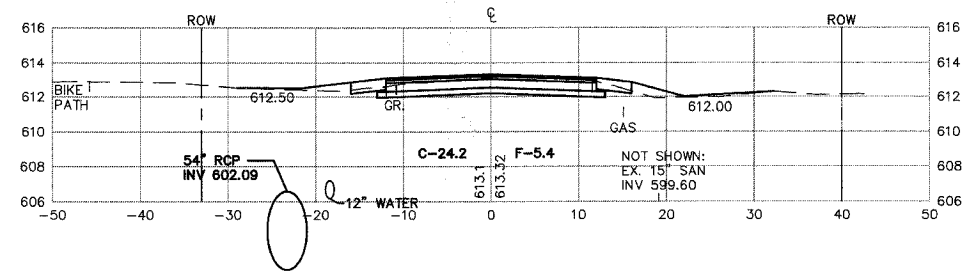
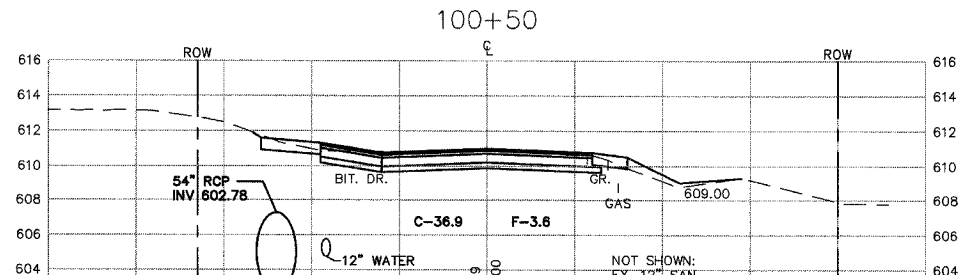
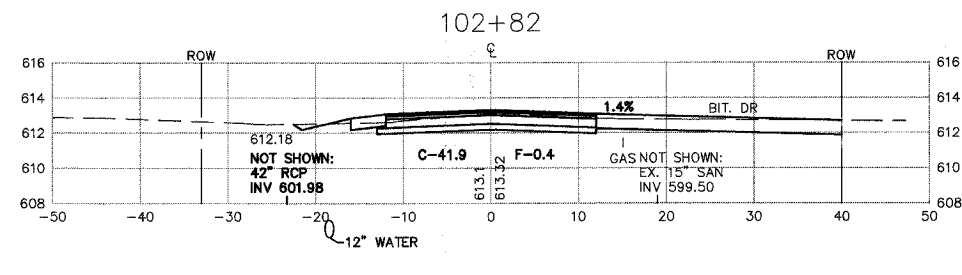
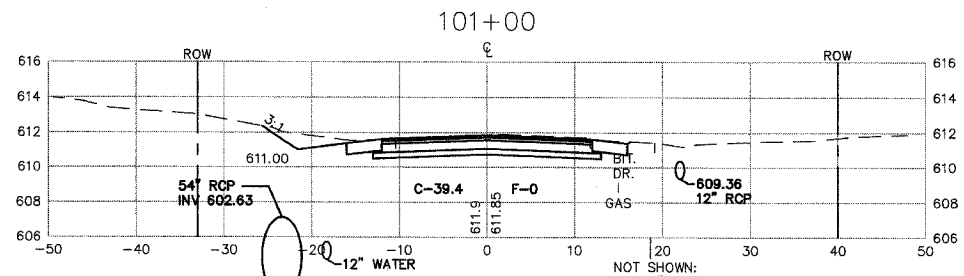
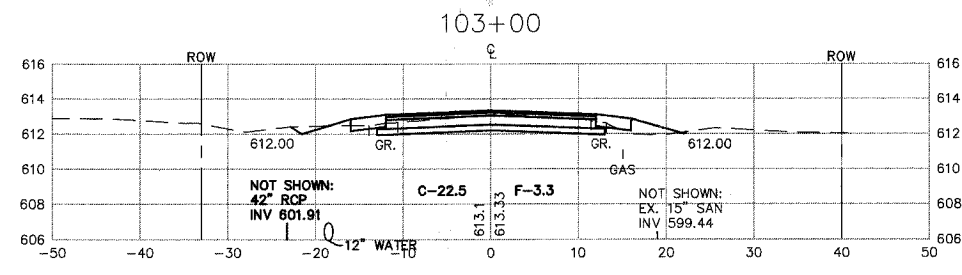
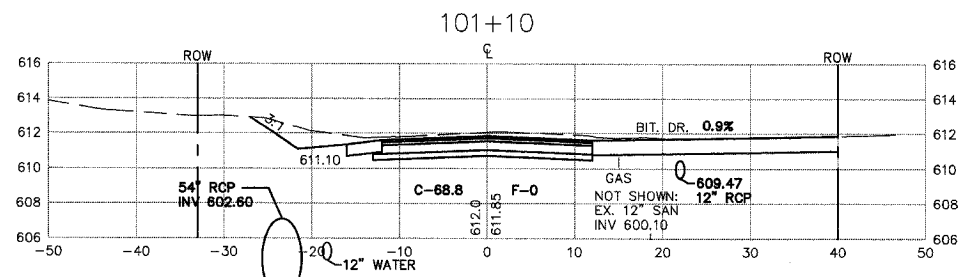
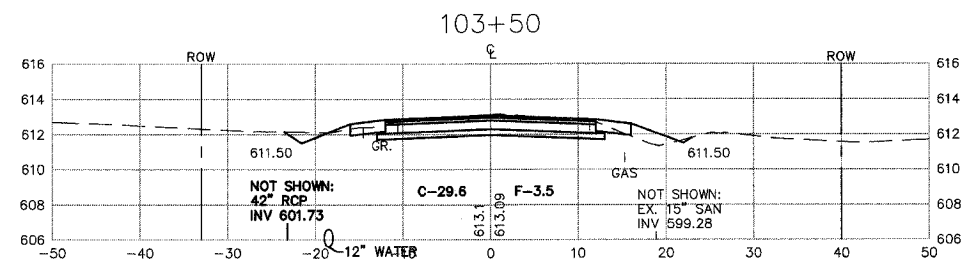
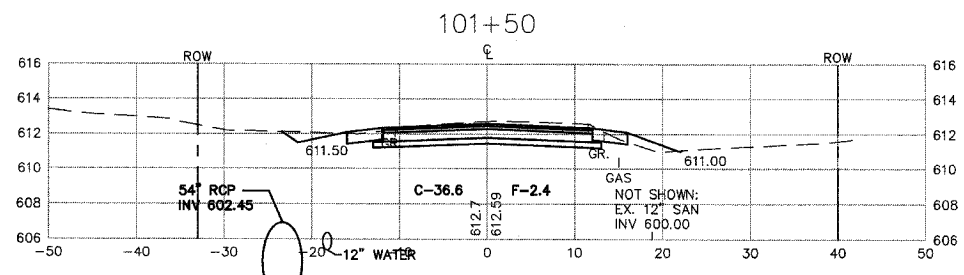
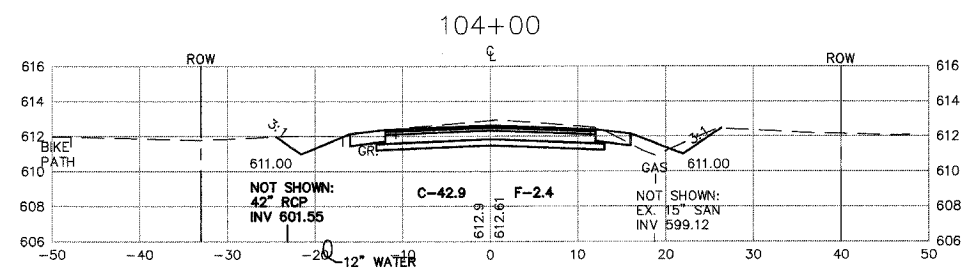
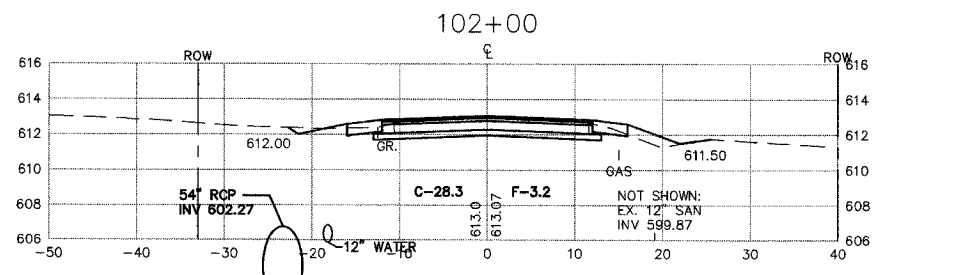
MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 • WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\DWG\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

**CROSS SECTIONS
 STA. 96+00 TO STA. 100+34**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	38 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	39
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



MORRIS ENGINEERING, INC.
 5100 LINCOLN AVE LISLE, ILLINOIS 60532
 PHONE: (630)271-0770 WEBSITE: ECIVIL.COM
 LOCATION: H:\04-PH\3003\PLANS-ENG\REV-3\dwg\SHEET-XSECS.dwg
 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

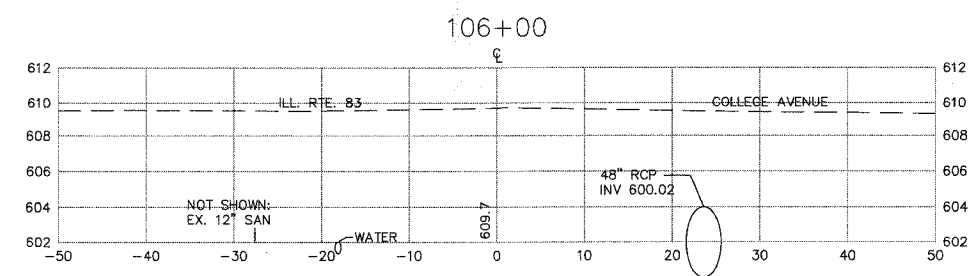
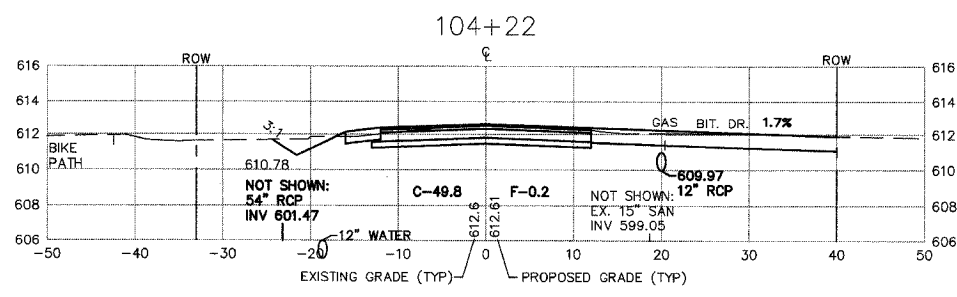
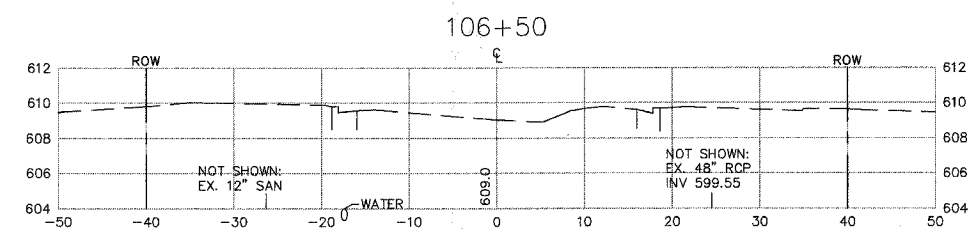
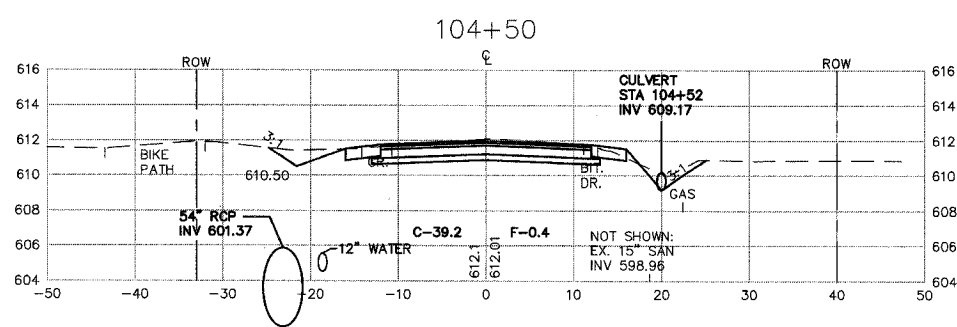
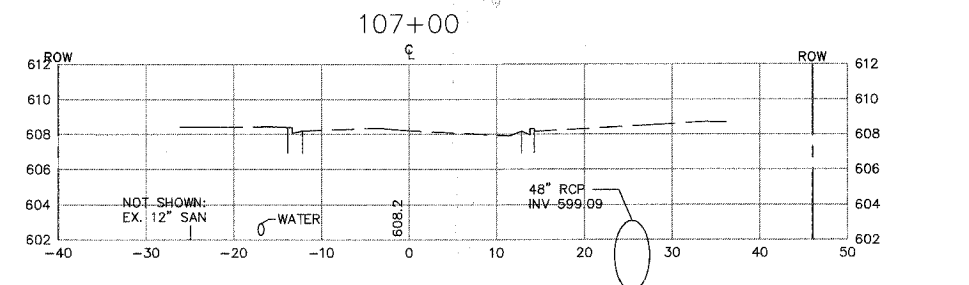
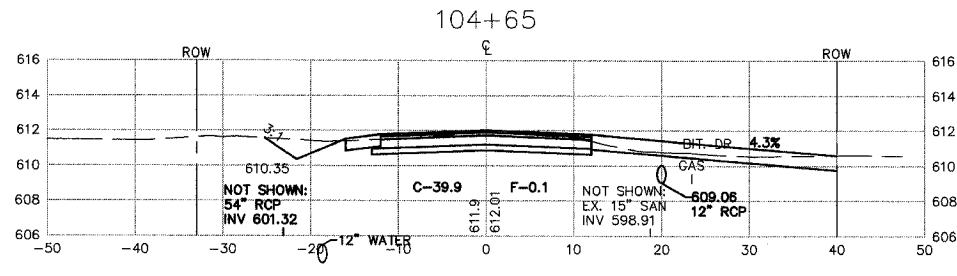
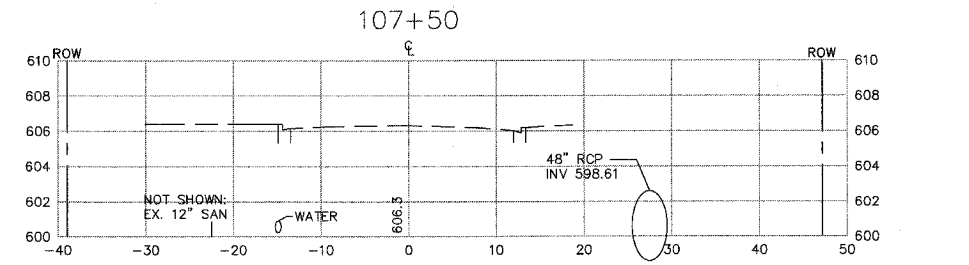
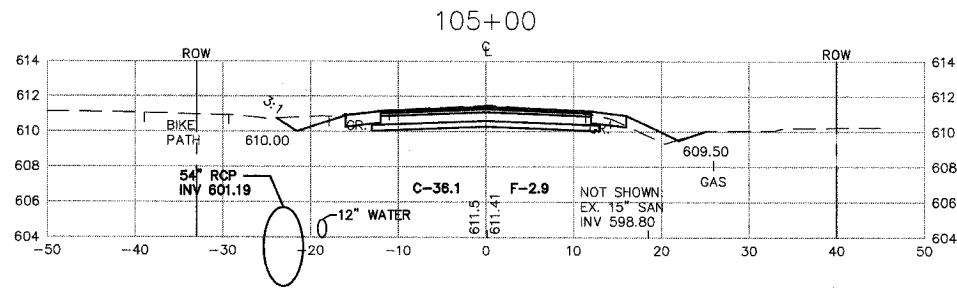
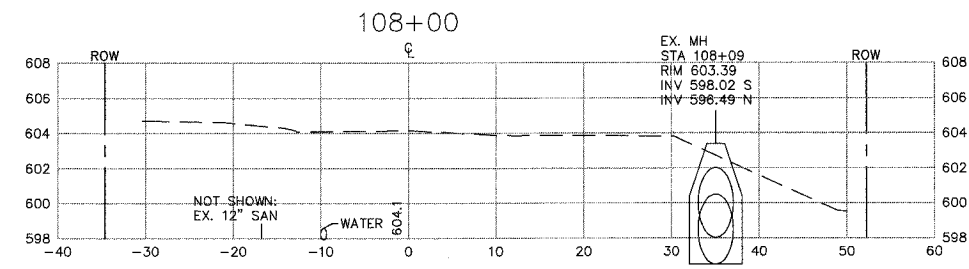
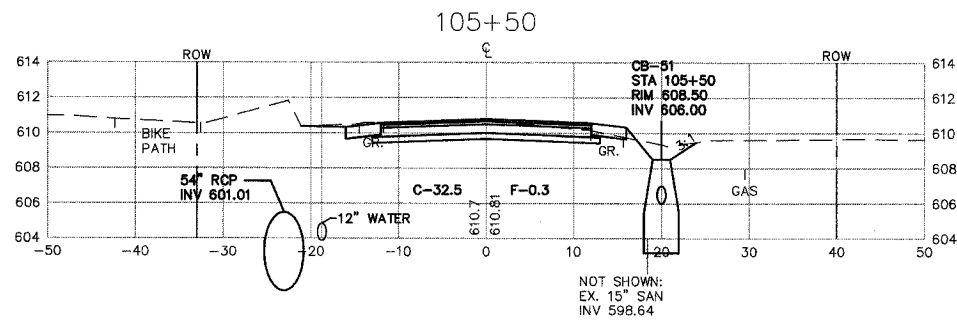
**76TH AVENUE RECONSTRUCTION
 127TH STREET TO ILLINOIS ROUTE 83**

**CROSS SECTIONS
 STA. 100+50 TO STA. 104+00**

DATE	REVISIONS	BY	SHEET
1 5-09-07	PER IDOT REVIEW	RAC	39 OF 40 SHEETS
2 5-24-07	PER IDOT REVIEW	RAC	
3 9-04-07	PER IDOT REVIEW	RAC	
4			

PLOT DATE: SEP 05, 2007
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	02-00037-00-WR	COOK	40	40
F.H.W.A. REG.	ILLINOIS	PROJECT:		
83957				



PLOT DATE: SEP 03, 2007
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MORRIS ENGINEERING, INC.

5100 LINCOLN AVE LISLE, ILLINOIS 60532
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 DRAWN BY: CJS DESIGN BY: RAC CHECKED BY: JJV
 JOB NO.: 04-PH-3003 SCALE: 1"=10' H 1"=5' V

76TH AVENUE RECONSTRUCTION 127TH STREET TO ILLINOIS ROUTE 83

CROSS SECTIONS STA. 100+50 TO STA. 104+00

DATE	REVISIONS	BY	SHEET
5-09-07	PER IDOT REVIEW	RAC	40 OF 40 SHEETS
5-24-07	PER IDOT REVIEW	RAC	
9-04-07	PER IDOT REVIEW	RAC	