

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
870	534-RS-5	DUPAGE	19	1
		ILLINOIS	CONTRACT NO. 60P91	

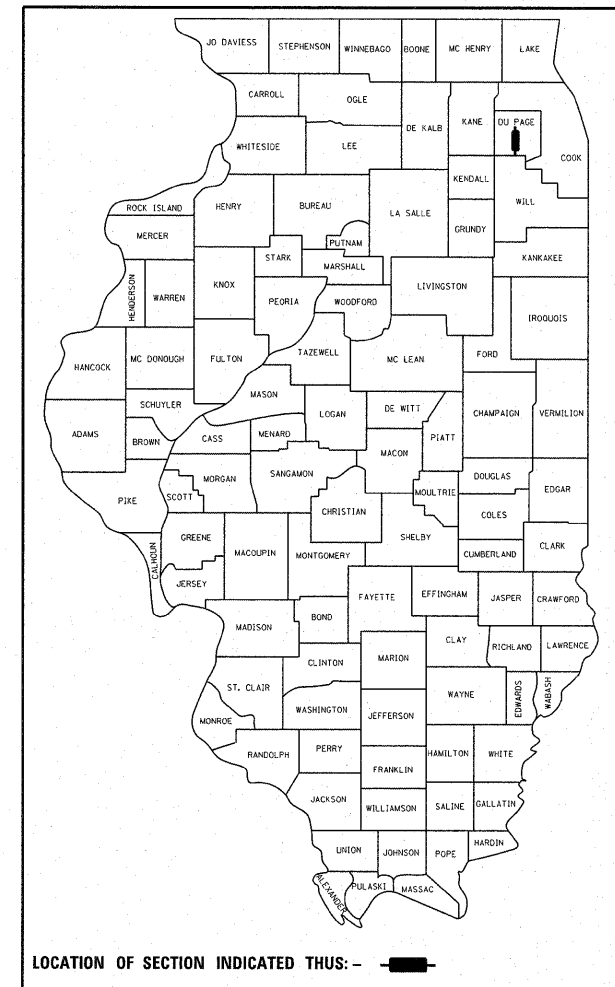
19 + 5 = 24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

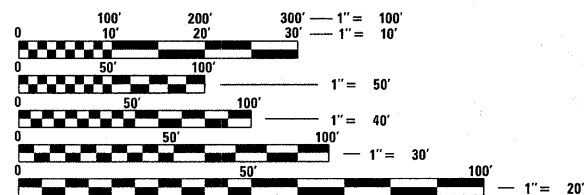
FAP ROUTE 870: ILL 53
75TH STREET TO WILL COUNTY LINE
SECTION 534-RS-5
RESURFACING (3P)
PROJECT: F-0870(013)
DUPAGE COUNTY
C-91-629-11

D-91-629-11



FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE VILLAGE OF
WOODRIDGE.

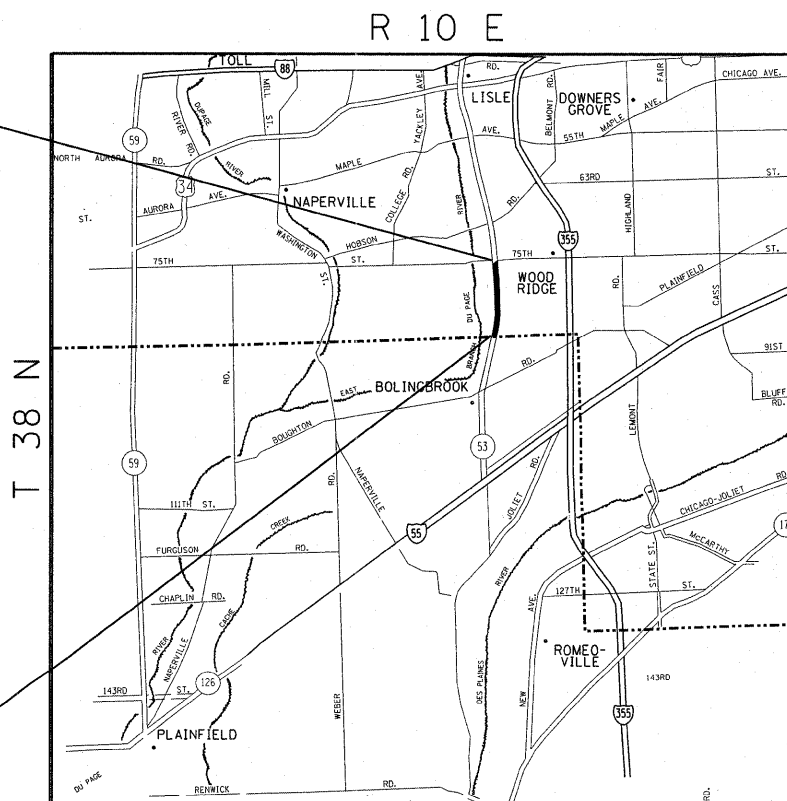


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENDS:
STATION 79 + 86

PROJECT BEGINS:
STATION 3 + 77



LISLE TOWNSHIP



TRAFFIC DATA

2009 ADT = 25,400
POSTED SPEED LIMIT = 45 MPH

GROSS AND NET LENGTH OF PROJECT = 7,609 FT. = 1.44 MILES

PROJECT ENGINEER DAN WILGREEN (847) 705-4240
PROJECT MANAGER KEN ENG (847) 705-4247

CONTRACT NO. 60P91

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED OCTOBER 21 20 11

Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 9 20 11
Scott E. Still, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

December 9 20 11
William R. Frey
Interim DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

Rev. 1-5-12
**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, GENERAL NOTES
3-3A	SUMMARY OF QUANTITIES
4	EXISTING AND PROPOSED TYPICAL SECTION
5-7	ROADWAY AND PAVEMENT MARKING PLANS
7A	DRAINAGE PLAN & PROFILE (IL 53 AT W. 83RD ST.)
7B	RESTORATION AND TEMPORARY EROSION CONTROL (IL 53 AT W. 83RD ST.)
8	DETECTOR LOOP REPLACEMENT PLANS
9	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
10	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
11	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
12	BUTT JOINT AND HMA TAPER DETAILS
13	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
14	TYPICAL APPLICATIONS: RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
15	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
16	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
17	PAVEMENT MARKINGS LETTERS AND SYMBOLS FOR TRAFFIC STAGING
18	ARTERIAL ROAD INFORMATION SIGN
19	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING
19A-19B	DRAINAGE CROSS SECTIONS (IL 53 AT W. 83RD ST.)

STANDARD NO.	DESCRIPTION
000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
606001-04	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS \geq 45 MPH
701602-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C & D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602301-03	INLET TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701101-02	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES AND THE VILLAGE OF WOODRIDGE.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

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

THE RESIDENT ENGINEER SHOULD CONTACT MR. DON CHIARUGI, AREA TRAFFIC ENGINEER, AT (847) 741-9857 PRIOR TO PLACING ANY PAVEMENT MARKINGS.

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

10 FEET (3 METERS) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

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

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.

ANY FRAMES AND LIDS OF PRIVATE UTILITY STRUCTURES THAT MAY REQUIRE ADJUSTMENT AS A RESULT OF THIS PROJECT SHALL BE ADJUSTED BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT. HOWEVER, THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY OWNERS TO HAVE ADJUSTMENTS PERFORMED.

THE CONTRACTOR SHALL TAKE CARE TO PROTECT EXISTING TREES AND LANDSCAPING. LANDSCAPING TO BE PROTECTED THAT IS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND AND AT THEIR EXPENSE.

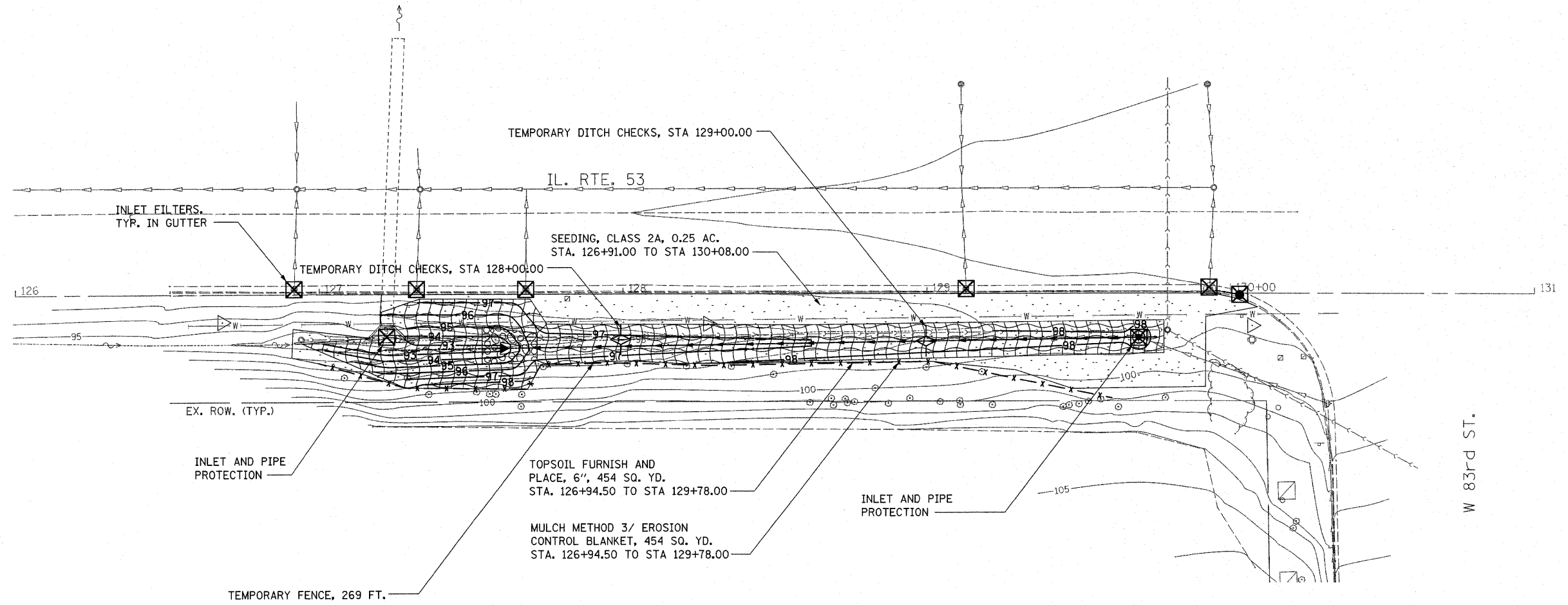
FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.

SUMMARY OF QUANTITIES			URBAN		CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED. 20% STATE						CODE NO	ITEM	UNIT	TOTAL QUANTITIES						
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	12	12															
20101000	TEMPORARY FENCE	FOOT	269	269															
20800150	TRENCH BACKFILL	CU YD	2	2															
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	454	454															
21400100	GRADING AND SHAPING DITCHES	FOOT	254	254															
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25															
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	17	17															
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	17	17															
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	17	17															
25100125	MULCH, METHOD 3	ACRE	0.25	0.25															
25100630	EROSION CONTROL BLANKET	SO YD	454	454															
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	18	18															
28000305	TEMPORARY DITCH CHECKS	FOOT	30	30															
28000500	INLET AND PIPE PROTECTION	EACH	2	2															
28000510	INLET FILTERS	EACH	6	6															
28100705	STONE DUMPED RIPRAP, CLASS A3	SO YD	20	20															
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	20	20															
44201863	CLASS D PATCHES, TYPE II, 18 INCH	SO YD	9	9															
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1															
54247130	GRATING FOR CONCRETE FLARED END SECTION 24"	EACH	1	1															
55100500	STORM SEWER REMOVAL 12"	FOOT	156	156															
60200805	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	1	1															
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	1	1															
60500050	REMOVING CATCH BASINS	EACH	1	1															
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6, 24	FOOT	20	20															
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1															
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	7	7															
Z0056654	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	210	210															





Added Sheet 1-5-12

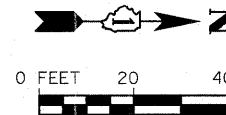
NOTES:

- MULCH, METHOD 3 SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY EROSION CONTROL SEEDING HAS BEEN COMPLETED ON AREAS THAT ARE TEMPORARY SEEDED BEFORE SEPTEMBER 16, OR AS DETERMINED BY THE ENGINEER.
- EROSION CONTROL BLANKET SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AFTER TEMPORARY EROSION CONTROL SEEDING HAS BEEN COMPLETED ON AREAS THAT ARE TEMPORARY SEEDED ON OR AFTER SEPTEMBER 16, OR AS DETERMINED BY THE ENGINEER.
- MULCH WILL NOT BE REQUIRED AFTER TEMPORARY EROSION CONTROL SEEDING HAS BEEN COMPLETED ON AREAS WITH SLOPES FLATTER THAN 6:1 THAT ARE TEMPORARY SEEDED BEFORE SEPTEMBER 16.

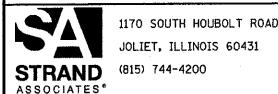


LEGEND

-  TEMPORARY EROSION CONTROL SEEDING AND SEEDING, CLASS 2A
-  MULCH METHOD 3/EROSION CONTROL BLANKET (SEE NOTES)
-  TEMPORARY DITCH CHECKS
-  INLET FILTERS/INLET AND PIPE PROTECTION



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	DATE - 12/22/11	REVISED -

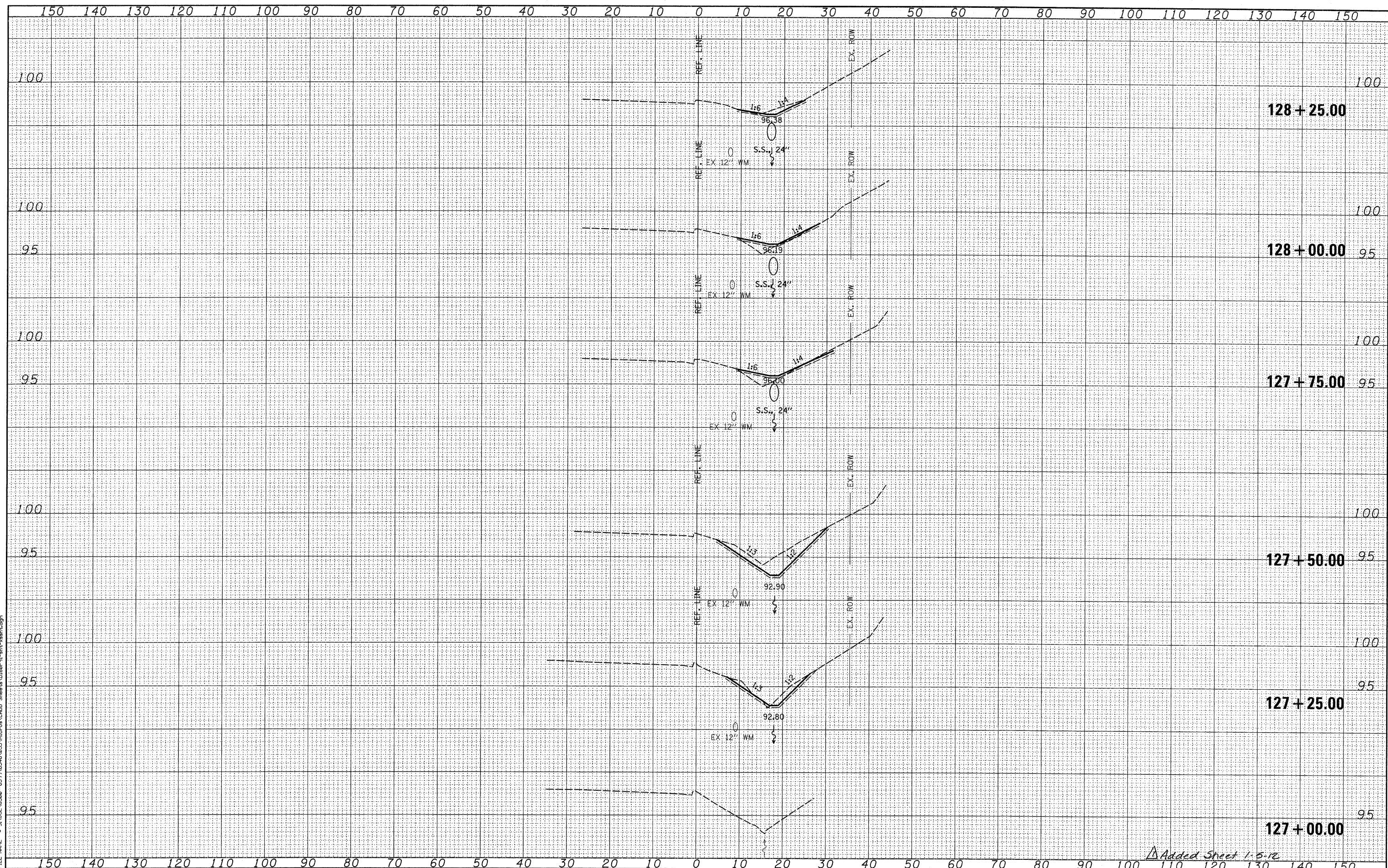
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 53 AT W. 83RD STREET
RESTORATION AND TEMPORARY EROSION CONTROLS

SCALE: AS SHOWN SHEET NO. 1 OF 1 SHEETS STA. TO STA.

Added Sheet 1-5-12


F.A.P. RTE. 870	SECTION 534-RS-5	COUNTY DUPAGE	TOTAL SHEETS 19	SHEET NO. 76
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				CONTRACT NO. 60P91



Added Sheet 1-5-12

SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____
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 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
 STRAND ASSOCIATES*

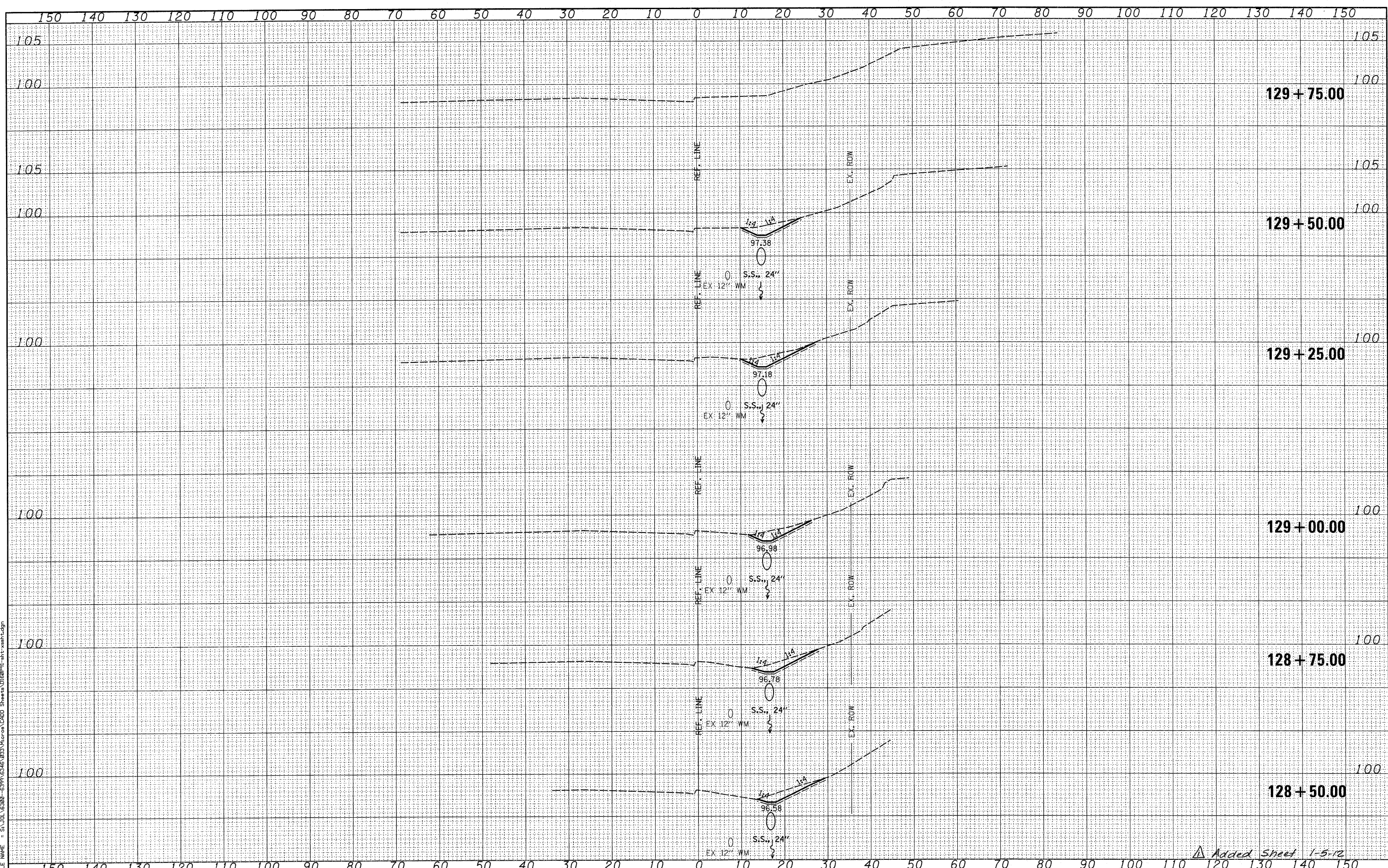
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 53 DRAINAGE CROSS SECTIONS

SCALE: _____ SHEET NO. 1 OF 2 SHEETS STA. 127+00.00 TO STA. 128+25.00

F.A.P. RTE. 870	SECTION 534-RS-5	COUNTY DUPAGE	TOTAL SHEETS 19	SHEET NO. 19A
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60P91	



SURVEY NO. _____
 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____
 PLOTTED AREAS CHECKED _____
 SAVED AREAS CHECKED _____

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 NOTE BOOK NO. _____
 TEMPLATE AREAS CHECKED _____
 PLOTTED AREAS CHECKED _____
 SAVED AREAS CHECKED _____

STRAND ASSOCIATES*
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = johnkp	DESIGNED - NJO	REVISED -
	CHECKED - MAG	REVISED -
PLOT SCALE = 10,0000' / IN.	DRAWN - JKP	REVISED -
PLOT DATE = 12/22/2011	CHECKED - MAG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 53 DRAINAGE CROSS SECTIONS

SCALE: _____ SHEET NO. 2 OF 2 SHEETS STA. 128+50.00 TO STA. 129+75.00

F.A.P. RTE. 870	SECTION 534-RS-5	COUNTY DUPAGE	TOTAL SHEETS 19	SHEET NO. 19B
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P91	

Added Sheet 1-5-12