

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	1
		ILLINOIS	CONTRACT NO.	63274

INDEX OF SHEETS

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STATE STANDARDS

SEE SHEET 2

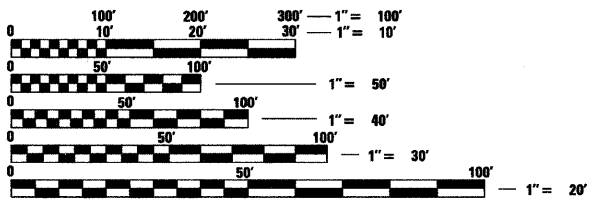
TRAFFIC DATA

ADT:
NORTH OAK AVE. 8,800 VPD (2007)
WEST BARTLETT RD. 11,000 VPD (2007)

POSTED SPEED DESIGN SPEED
30 MPH 35 MPH

CLASSIFICATION

NORTH OAK AVE. (FAU 2537) - MINOR URBAN ARTERIAL
WEST BARTLETT RD. (FAU 1344) - MINOR URBAN ARTERIAL



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 CALL 811



SEC Group, Inc.
Illinois Professional Design Firm # 184-000108
Engineering, Surveying, Planning, Landscape Architecture
McHenry • Yorkville • New Lenox • Chicago
www.secgroupinc.com

PROJECT ENGINEER: JOSEPH ATTANASEO
PROJECT MANAGER: JACK MELHUISH
CONTRACT NO. 63274

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 2537 (NORTH OAK AVE.) – WEST BARTLETT AVE. TO US ROUTE 20
FAU 1344 (WEST BARTLETT RD.) – IL ROUTE 59 TO WESTERN AVE.

RECONSTRUCTION / RESURFACING

SECTION 09-00084-00-RS

PROJECT ARA-9003(345)

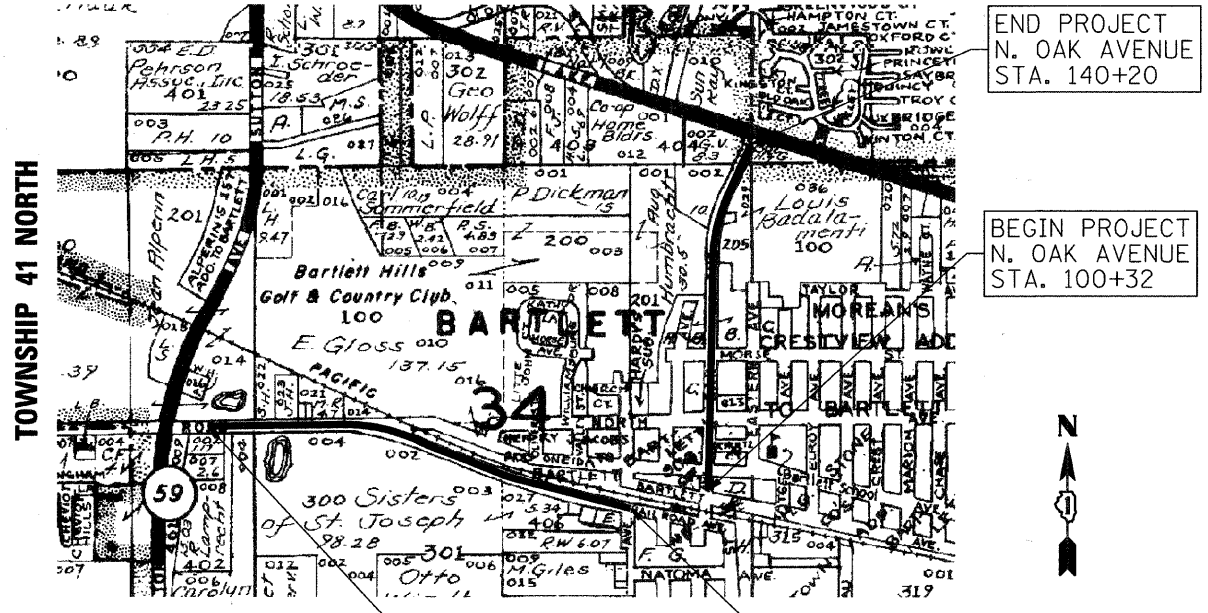
VILLAGE OF BARTLETT

COOK COUNTY

C-91-661-09

PROJECT LOCATION MAP
N.T.S.

RANGE 9 EAST



END PROJECT
N. OAK AVENUE
STA. 140+20

BEGIN PROJECT
N. OAK AVENUE
STA. 100+32

BEGIN PROJECT
WEST BARTLETT ROAD
STA. 3+59

END PROJECT
WEST BARTLETT ROAD
STA. 50+74

PROJECT LENGTH

NET LENGTH OF PROJECT (NORTH OAK AVE.) = 3,988 FT (0.755 MI)
NET LENGTH OF PROJECT (WEST BARTLETT RD.) = 4,715 FT (0.893 MI)

GROSS LENGTH OF PROJECT = 8,703 FT (1.648 MI)



LOCATION OF SECTION INDICATED THUS: — ■ —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

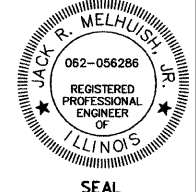
APPROVED August 25 2009
Pat All
VILLAGE OF BARTLETT

PASSED August 31 2009
Christina Husselbeck
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW SEPTEMBER 1, 2009
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

PROFESSIONAL ENGINEER'S SIGN & SEAL

Jack Melhuish
JACK R. MELHUISH, JR.
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
EXPIRES: 11-30-09



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ASSISTANT FIELD ENGINEER: KEVIN STALLWORTH (847)-705-4169

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2007.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 AND THE VILLAGE OF BARTLETT AT (630) 837-0811 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BUTT JOINT AND BITUMINOUS TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE USGS DATUM.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- THE BITUMINOUS MATERIAL PRIME COAT QUANTITIES HAVE BEEN DETERMINED USING A RATE OF 0.1 GALLONS / SQ YD.

12. SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE ITEM REMOVED.

- DRIVEWAY OFFSETS ARE TO BE CONSTRUCTED TO THE R.O.W. OR UNLESS OTHERWISE NOTED.
- REMOVAL OF EXISTING COMBINATION CURB AND GUTTER, REGARDLESS OF CURB AND GUTTER TYPE, SHALL BE PAID FOR AS "COMBINATION CURB AND GUTTER REMOVAL".
- THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
- ALL SIGNS TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE VILLAGE AND SHALL BE RETURNED TO THE VILLAGE UPON REMOVAL
- 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.

STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.

GENERAL NOTES (CONT.)

STORM SEWERS, WATER MAINS, AND UTILITIES (CONT.)

- UNLESS OTHERWISE NOTED ALL OFFSETS FOR ALL DRAINAGE STRUCTURES ARE TO THE CENTER OF THE STRUCTURE.
- STORM SEWER LENGTHS ARE MEASURED FROM INSIDE EDGE OF STRUCTURE TO THE INSIDE EDGE OF STRUCTURE, THEN ADDING 0.5' TO EACH END OF PIPE. SLOPE OF PIPE IS CALCULATED BY DIVIDING THE DIFFERENCE IN ELEVATION BY THE PIPE LENGTH.
- THE PAY ITEM FOR STORM SEWER REMOVAL SHALL INCLUDE ANY TRENCH BACKFILL REQUIRED TO FILL AREA OF SEWER REMOVAL WHERE THERE IS NO REPLACEMENT. IF PROPOSED STORM SEWER IS REPLACED IN THE SAME TRENCH, THEN TRENCH BACKFILL SHALL BE PAID FOR SEPARATELY.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL FRAMES, GRATES, LIDS, AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE VILLAGE, AS APPLICABLE.
- ANY ITEMS DAMAGED DURING REMOVAL OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE COST OF SALVAGING EXISTING FRAMES, GRATES, LIDS, OR BOXES AND/OR STOCKPILING THEM ON THE JOB SITE FOR DELIVERY TO THE VILLAGE OF BARTLETT, AS APPLICABLE SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM." ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD "WATER." ALL LIDS TO BE USED ON SANITARY SYSTEM STRUCTURES SHALL BEAR THE WORD "SANITARY." ANY ADDITIONAL COST FOR THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE FRAMES AND CLOSED LIDS PROVIDED.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT OR RECONSTRUCTION COST.
- THE THICKNESSES OF HOT MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT MIX ASPHALT MIXTURES ARE TO BE PLACED.
- ALL STORM SEWER SHALL BE REINFORCED CONCRETE PIPE WITH FLEXIBLE GASKET MEETING THE REQUIREMENTS OF ASTM C361. THIS ITEM WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PRICE OF STORM SEWER.
- WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH CONSTRUCTION, NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- TYPE "B" CURB RAMPS SHALL BE INSTALLED AT ALL INTERSECTING STREETS AND DRIVEWAYS PER CURRENT IDOT STANDARDS AT LOCATIONS WHERE SIDEWALK IS SHOWN ON THE PLAN.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL EXISTING MAILBOXES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND AFTER COMPLETION OF ROADWAY CONSTRUCTIONS, TO SET THEM IN THEIR PERMANENT LOCATIONS PER UNITED STATES POST OFFICE REQUIREMENTS. THIS WORK SHALL BE DONE IN CONFORMANCE WITH ARTICLE 107.20 OF THE STANDARDS SPECIFICATIONS, AND THE COST WILL BE CONSIDERED INCLUDED IN THE CONTRACT.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED. THE RINGS SHALL BE INCLUDED IN THE COST OF WORK BEING PERFORMED.

BACKFILL

- STORM SEWER, WATER MAIN, AND SANITARY SEWER SHALL BE BACK FILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY.
- PROVIDE TRENCH BACKFILL FOR ALL UTILITY LINES WITHIN 2' OF PAVED AREAS. ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE AND INVERT DEPTH FROM SUBGRADE.
- COST OF ANY TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED, INCLUDING BEDDING MATERIAL, SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID.

SIGNING AND STRIPING

- SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAIL AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.

GENERAL NOTES (CONT.)

- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL SIGNS SHALL BE INSTALLED OR RELOCATED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED. THIS WORK SHALL BE PAID FOR USING THE APPROPRIATE PAY ITEMS.
- ALL REMOVED SIGNS SHALL BE RETURNED TO THE VILLAGE OF BARTLETT.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE PAID FOR IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.

EROSION CONTROL PLANS

- SEE EROSION CONTROL PLANS FOR GENERAL NOTES CONCERNING EROSION CONTROL.

TRAFFIC CONTROL

- SEE TRAFFIC CONTROL PLANS FOR GENERAL NOTES CONCERNING TRAFFIC CONTROL AND PROTECTION.

EARTHWORK

- PRIOR TO ANY EMBANKMENT PLACEMENT ALL VEGETATION AND UNSTABLE MATERIAL SHOULD BE REMOVED TO DEPTH ENCOUNTERED AND REPLACED WITH SUITABLE EMBANKMENT MATERIAL.
- SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH ARTICLE 301.03 OF THE STANDARD SPECIFICATIONS BEFORE REMOVAL OF ANY UNSTABLE MATERIAL.

LANDSCAPING

- THE LOCATIONS OF PROPOSED TREES TO BE PLANTED WILL BE WITHIN THE PROJECT LIMITS AND DETERMINED BY THE RESIDENT ENGINEER.

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHING
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-01	METAL END SECTION FOR PIPE CULVERTS
602001-01	CATCH BASIN TYPE A
602011-01	CATCH BASIN TYPE C
602401-02	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604036-02	GRATE, TYPE 8
604051-03	FRAME AND GRATE, TYPE 11
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-02	TYPE B GUTTER (INLET, OUTLET, & ENTRANCE)
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-01	TRAFFIC CONTROL DEVICES
701801-04	LANE CLOSURE 1W OR 2W MULTILANECROSSWALK OR SIDEWALK CLOSURE
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, & DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS

SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 VILLAGE OF BARTLETT
 8/31/2009 4:25:23 PM
 090196-gen.dgn
 JRM/ghl
 Standard: trans.dwg



USER NAME = jmelhuish	DESIGNED - J. ATTANASEO	REVISED -
FILE NAME = 090196-gen.dgn	DRAWN -	REVISED -
PLOT SCALE = N.T.S.	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: N.T.S.	SHEET NO. 0F	SHEETS 53	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT ARA-9003 (345)
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	2
CONTRACT NO.				63274

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY	ROADWAY
				100%FEDERAL NORTH OAK AVENUE 1000	100%FEDERAL WEST BARTLETT ROAD 1000
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	62	62	
20101100	TREE TRUNK PROTECTION	EACH	71	71	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1449	1449	
20400800	FURNISHED EXCAVATION	CU YD	51	51	
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	81	81	
20800150	TRENCH BACKFILL	CU YD	450	450	
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6055	6055	
21300010	EXPLORATION TRENCH, SPECIAL	FOOT	50	50	
21400100	GRADING AND SHAPING DITCHES	FOOT	1250	1250	
* 25200650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	6051	6051	
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUNDS	125	125	
28000510	INLET FILTERS	EACH	29	29	
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2863	2863	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	300	300	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL	3630	1585	2045
40600300	AGGREGATE (PRIME COAT)	TON	80	35	45
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1764		1764
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	329	214	115
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	1740	1740	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3185	1127	2058
40701881	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"	SQ YD	2420	2420	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	375	375	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14448	14448	
42400800	DETECTABLE WARNINGS	SQ FT	100	100	
44000100	PAVEMENT REMOVAL	SQ YD	2077	2077	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	20445		20445
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	13063	13063	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1050	1050	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	695	695	
44000600	SIDEWALK REMOVAL	SQ FT	12,505	12,505	
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	735	145	590
44004250	PAVED SHOULDER REMOVAL	SQ YD	285	285	
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	146	105	41
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	582	418	164
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	582	418	164
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	146	105	41
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	420	420	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	85	85	
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	440	440	
55100700	STORM SEWER REMOVAL 15"	FOOT	290	290	
550A0340	STORM SEWERS, CLASS A, TYPE 2, 12"	FOOT	344	344	
550A0360	STORM SEWERS, CLASS A, TYPE 2, 15"	FOOT	841	841	
* 56300300	ADJUSTING WATER SERVICE LINES	FOOT	52	52	
* 56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1	
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2	
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	10	10	
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	5	5	
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	4	4	
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME CLOSED LID	EACH	5	5	

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY	ROADWAY
				100%FEDERAL NORTH OAK AVENUE 1000	100%FEDERAL WEST BARTLETT ROAD 1000
60222000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1	
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1	1	
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	2	2	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	14	14	
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	21	16	5
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	5	5	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3750	3,750	
67100100	MOBILIZATION	L SUM	1	1	
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	520	90	430
70300200	TEMPORARY PAVEMENT MARKING	FOOT	7980	7980	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2130	2018	112
72000100	SIGN PANEL - TYPE 1	SQ FT	30	30	
72000200	SIGN PANEL - TYPE 2	SQ FT	20	20	
72900200	METAL POST - TYPE B	FOOT	100	100	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	545	91	454
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16,610	3070	13,540
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1150	50	1100
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1805	910	895
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	190	190	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	210		210
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	210		210
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	154	154	
* A2001224	TREE, ACER RUBRUM RED SUNSET (RED SUNSET RED MAPLE), 3" CALIFER, BALLED AND BURLAPPED	EACH	3	3	
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	110	55	55
X4023000	TEMPORARY ACCESS (ROAD)	EACH	1	1	
X7011005	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	L SUM	1	1	
XX005565	REMOVE AND RESET BRICK PAVERS	SQ FT	50	50	
XX007490	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SQ YD	705	705	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	12	12	
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	2	2	
Δ Z0076600	TRAINEES	HOURS	500	500	

* SPECIALTY ITEM
Δ Y080

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: J. MELNICH
CLIENT: VILLAGE OF BARTLETT
DATE PLOTTED: 8/31/2009 4:55:28 PM
FILE NAME: 090196-summary.dgn
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SOURCE: c:\frans.tbl



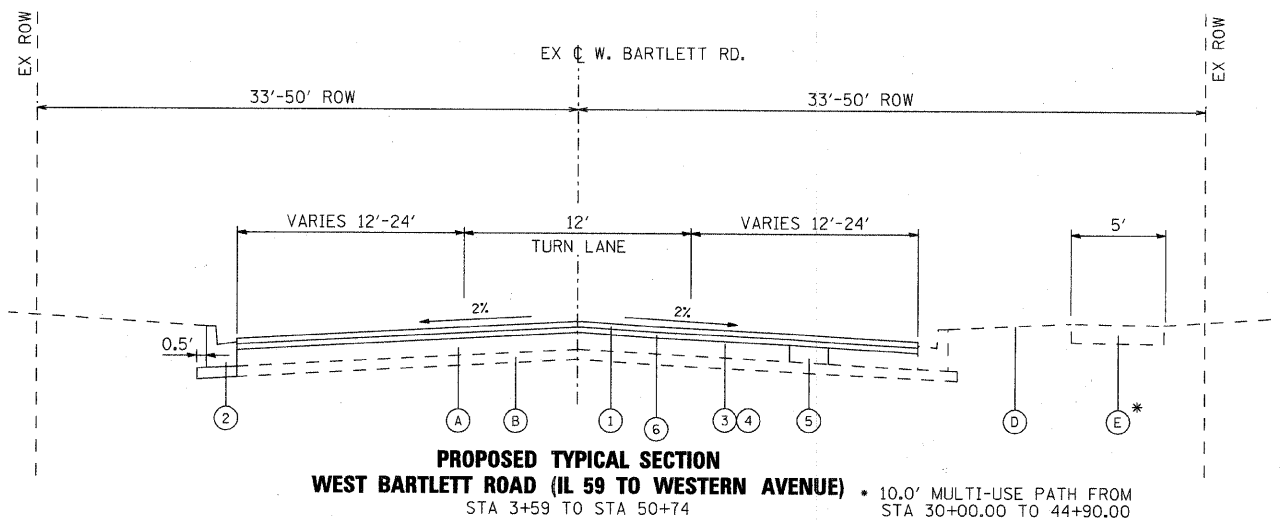
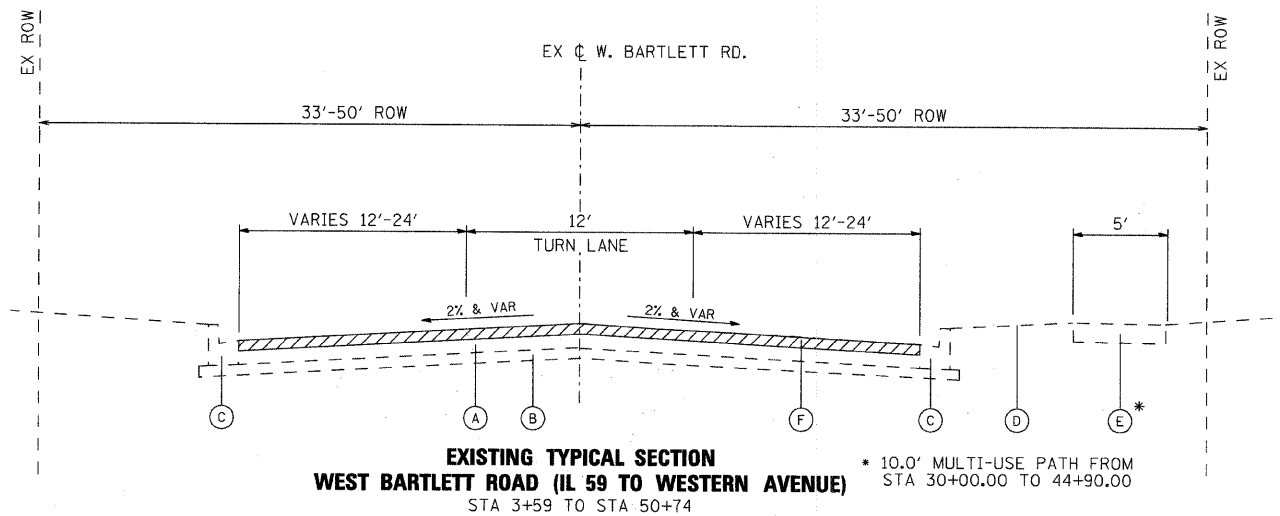
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PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.U. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 3
CONTRACT NO. 63274				
FED. ROAD DIST. NO. IL'INDIS FED. AID PROJECT ARA-9003 (345)				



HOT-MIX ASPHALT MIXTURE REQUIREMENTS
NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

MIXTURE TYPE	AIR VOIDS @ Ndes
RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm)	4% @ 70 GYR
HOT-MIX ASPHALT BINDER IL 19.0, N70	4% @ 70 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm), 8-INCH	4% @ 70 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm)	4% @ 50 GYR
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70- 2" (IL 9.5mm)	4% @ 70 GYR
BINDER COURSE, IL 19.0, N70- 2.5"	4% @ 70 GYR
HMA BASE COURSE, (HMA BINDER IL-19mm)-5.5"	4% @ 70 GYR
SHOULDERS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm)-6"	4% @ 50 GYR

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT, DEPTH VARIES
- (B) SUB-BASE GRANULAR MATERIAL
- (C) CURB AND GUTTER TYPE B-6.12
- (D) PARKWAY
- (E) PCC SIDEWALK
- (F) HOT-MIX ASPHALT SURFACE REMOVAL, 3"

PROPOSED TYPICAL SECTION LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.75"
- (2) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE RESIDENT ENGINEER)
- (3) BITUMINOUS MATERIALS (PRIME COAT)
- (4) AGGREGATE (PRIME COAT)
- (5) CLASS D PATCHES, 8-INCH (AS DIRECTED BY THE RESIDENT ENGINEER)
- (6) LEVELING BINDER (MACHINE METHOD), N70, 1.5"

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

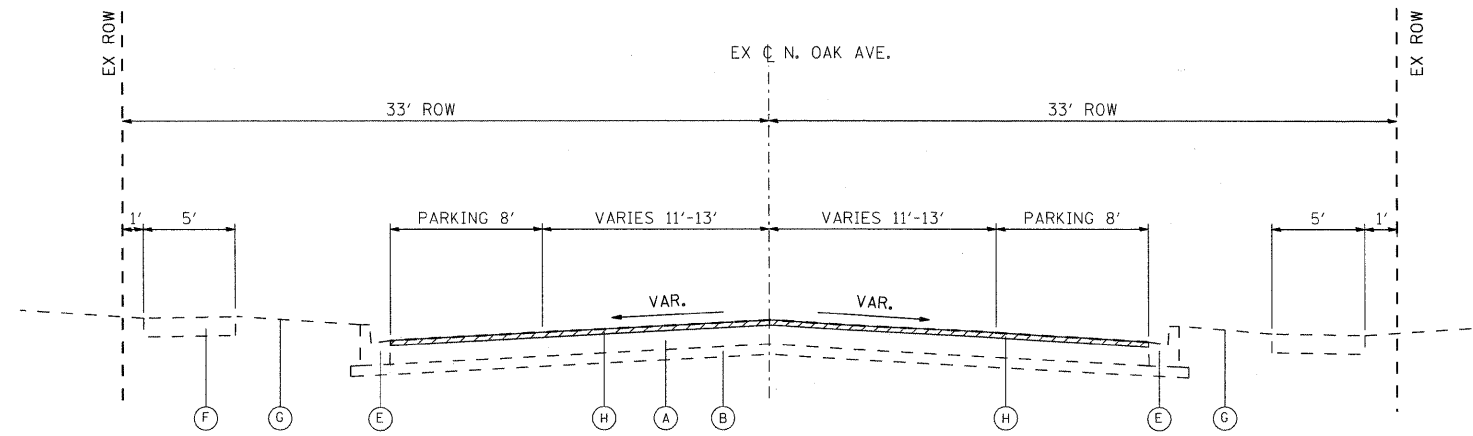
COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUTSH
 ADDRESS: 111 W. BARTLETT
 CITY: CHICAGO, IL 60601
 DATE PLOTTED: 08/03/09
 FILE NAME: 090196-tyr-bar-tlett-01.dgn
 PLOT DRIVER: pdcfbit
 PEN TABLE: standard-trans.tbl



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PLOT DATE = 9/3/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

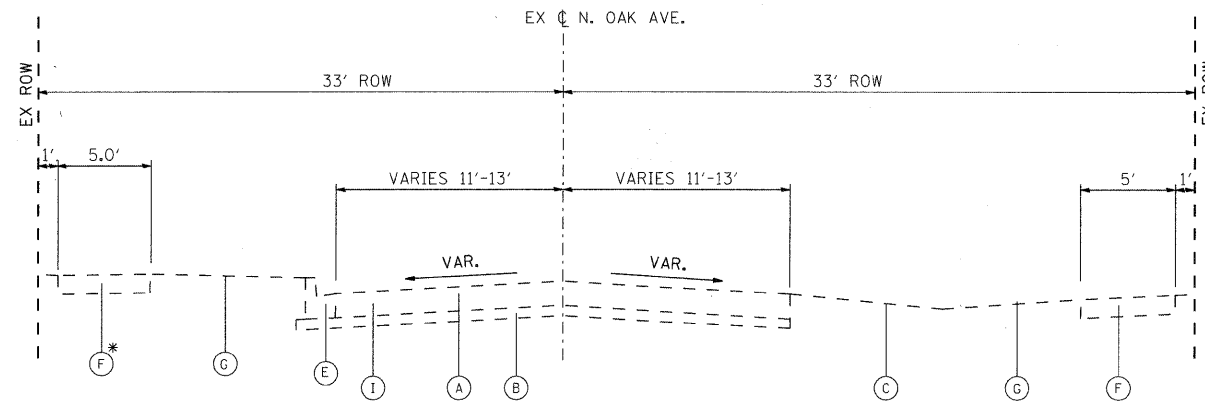
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SCALE: N.T.S.		2537	09-00084-00-RS	COOK	53	4
SHEET NO. 1 OF 3 SHEETS		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT ARA-9003 (345)		CONTRACT NO. 63274



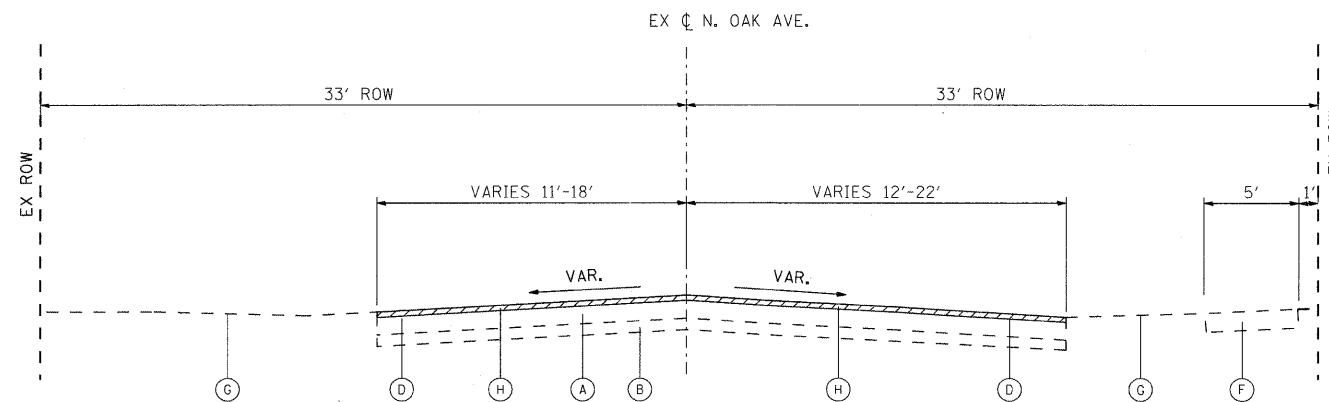
**EXISTING TYPICAL SECTION
NORTH OAK AVENUE (ONEIDA AVE TO NORTH AVE)**
STA 100+32 TO STA 108+75

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES
- (B) SUB-BASE GRANULAR MATERIAL
- (C) AGGREGATE SHOULDERS
- (D) HOT-MIX ASPHALT SHOULDERS
- (E) COMBINATION CONCRETE CURB AND GUTTER
- (F) PCC SIDEWALK
- (G) PARKWAY
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- (I) PAVEMENT REMOVAL



**EXISTING TYPICAL SECTION
NORTH OAK AVENUE (NORTH AVE TO MORSE AVE)**
STA 108+75 TO STA 115+33 * SIDEWALK ENDS AT 119+08.6



**EXISTING TYPICAL SECTION
NORTH OAK AVENUE (MORSE AVE TO US 20)**
STA 115+33 TO STA 140+20

SEC GROUP, INC.
PROJECT CONTACT: J. MELHUISH
VILLAGE OF BARTLETT
DATE PLOTTED: 8/31/2009 4:25:30 PM
FILE NAME: 090196-tyo-oak-01.dgn
PLOT NUMBER:
PEN TABLE:
6/17/14
VILLAGE OF BARTLETT
090196-tyo-oak-01.dgn

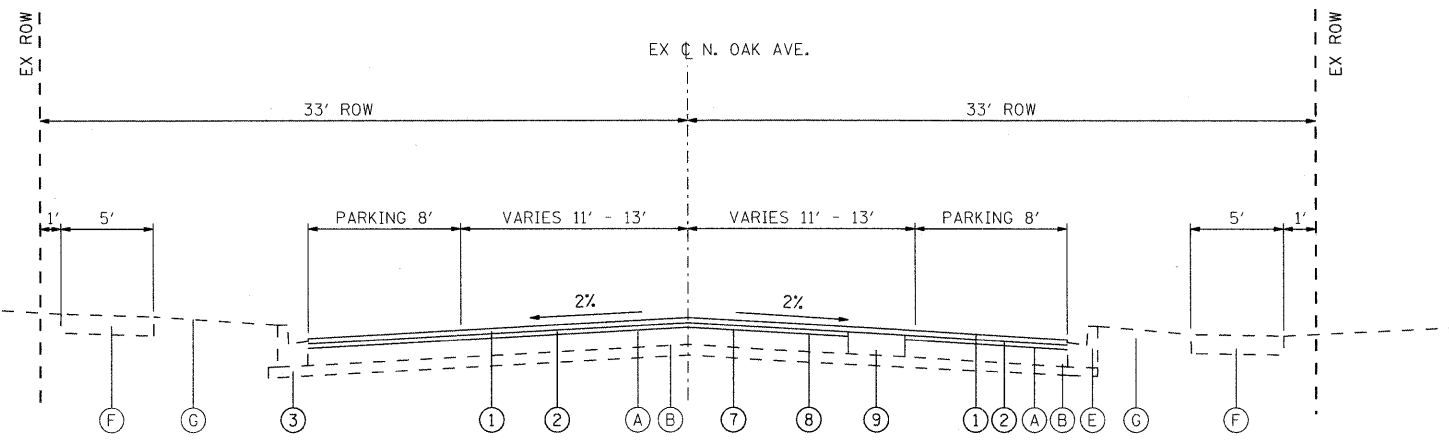


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PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

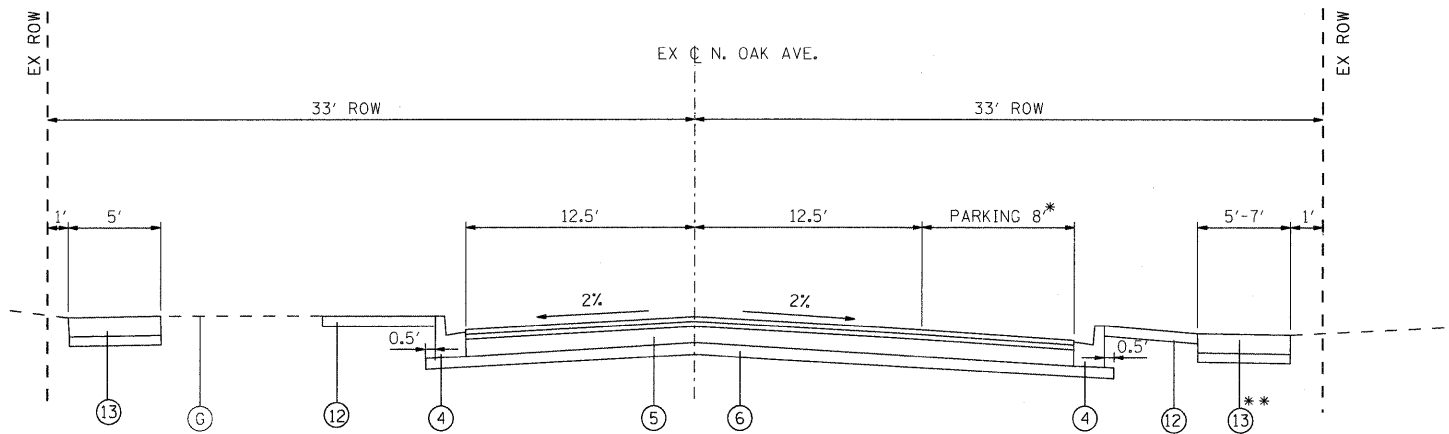
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS NORTH OAK AVENUE	
SCALE: N.T.S.	SHEET NO. 2 OF 3 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	5
CONTRACT NO.			63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				

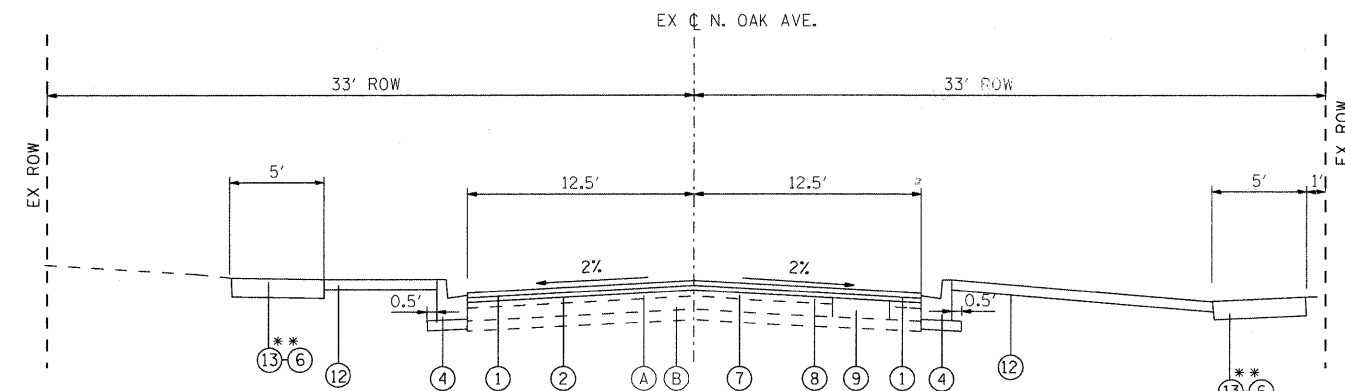


PROPOSED TYPICAL SECTION
NORTH OAK AVENUE (ONEIDA AVE TO NORTH AVE)
 STA 100+32 TO STA 108+75

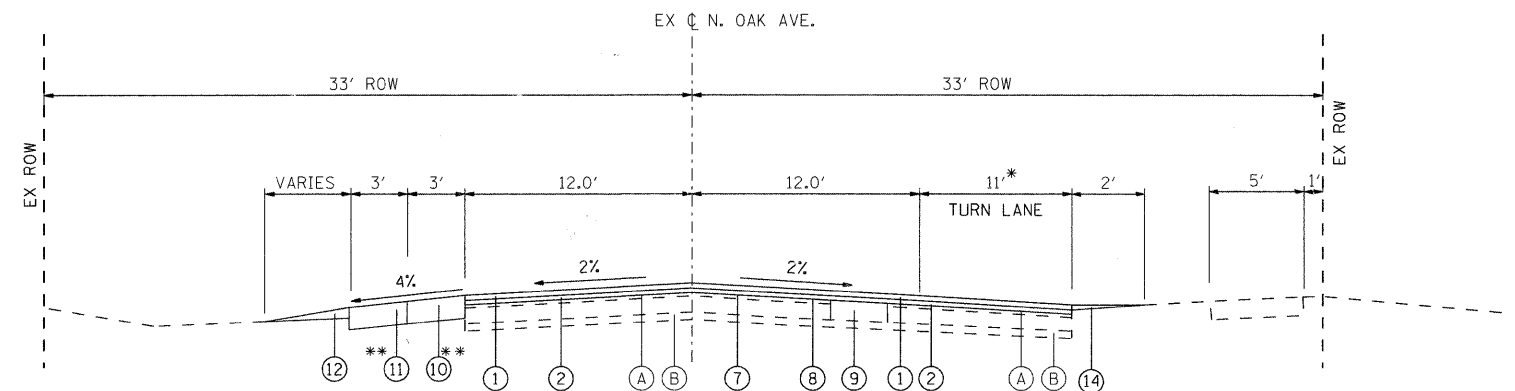


PROPOSED TYPICAL SECTION
NORTH OAK AVENUE (NORTH AVE TO MORSE AVE)
 STA 108+75 TO STA 115+33

* PARKING AREA
 STA 108+75 TO STA 112+57.5
 ** PROPOSED SIDEWALK
 STA 108+75 TO STA 114+73.26



PROPOSED TYPICAL SECTION
NORTH OAK AVENUE (MORSE AVE TO HICKORY AVE)
 STA 115+33 TO STA 126+00



PROPOSED TYPICAL SECTION
NORTH OAK AVENUE (HICKORY AVE TO US 20)
 STA 126+00 TO STA 140+20

** SHOULDER FROM STA. 127+00 TO STA. 139+56
 * TURN LANE ENDS AT STA. 135+12

EXISTING TYPICAL SECTION LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; DEPTH VARIES
- (B) SUB-BASE GRANULAR MATERIAL
- (C) AGGREGATE SHOULDERS
- (D) HOT-MIX ASPHALT SHOULDERS
- (E) COMBINATION CONCRETE CURB AND GUTTER
- (F) PCC SIDEWALK
- (G) PARKWAY
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"

PROPOSED TYPICAL SECTION LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1-1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70, 2-1/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY THE RESIDENT ENGINEER)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (5) HMA FULL DEPTH PAVEMENT, 10"
- (6) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (7) BITUMINOUS MATERIALS (PRIME COAT)
- (8) AGGREGATE (PRIME COAT)
- (9) CLASS D PATCHES, 8-INCH (AS DIRECTED BY THE RESIDENT ENGINEER)
- (10) HOT-MIX ASPHALT SHOULDERS, 6"
- (11) AGGREGATE SHOULDERS, TYPE B, 6"
- (12) SODDING, SALT TOLERANT (SPECIAL)
- (13) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (14) AGGREGATE WEDGE SHOULDER, TYPE B

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 10:52:32 PM
 PLOT DATE: 8/31/2009
 PLOT DRIVER: c:\p1\sec\p1-00k-02.dgn
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PLOT SCALE = N.T.S.	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
NORTH OAK AVENUE	
SCALE: N.T.S.	SHEET NO. 3 OF 3 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	6
CONTRACT NO.			63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				

POINT ON ALIGNMENT
STA. 101+97.43
N: 1940144.71
E: 1024423.39

POINT ON ALIGNMENT
STA. 107+87.05
N: 1940734.32
E: 1024422.05

POINT ON ALIGNMENT
STA. 108+56.74
N: 1940804.00
E: 1024423.17

POINT ON ALIGNMENT
STA. 114+51.39
N: 1941398.64
E: 1024419.52

POINT ON ALIGNMENT
STA. 115+13.10
N: 1941460.34
E: 1024420.19

POINT ON ALIGNMENT
STA. 102+72.92
N: 1940220.19
E: 1024422.57

WEST BARTLETT AVENUE
POT Sta 100+00.00

WEST ONEIDA AVENUE
POT Sta 101+97.43

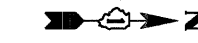
POT Sta 102+72.92

WEST WEST AVENUE
POT Sta 107+87.05

POT Sta 108+56.74

WEST MORSE AVENUE
POT Sta 114+51.39

POT Sta 115+13.10



WEST BARTLETT AVENUE
POT Sta 100+00.00

WEST ONEIDA AVENUE
POT Sta 101+97.43

POT Sta 102+72.92

SOUTH OAK AVENUE
105

WEST WEST AVENUE
POT Sta 107+87.05

POT Sta 108+56.74

POINT ON ALIGNMENT
STA. 114+51.39
N: 1941398.64
E: 1024419.52

WEST MORSE AVENUE
POT Sta 114+51.39

POT Sta 115+13.10

NORTH OAK AVENUE
110

MATCHLINE STA. 120+00

PR SOUTH OAK AV. ☐

PR NORTH OAK AV. ☐

PROP. CURVE EXOAK-1

Δ = 19° 35' 46" (RT)
D = 4° 11' 47"
R = 1,365.33'
T = 235.79'
L = 466.96'
E = 20.21'
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 122+47.39
N: 1,942,194.64
E: 1,024,418.02
PI STA. = 124+83.18
N: 1,942,429.58
E: 1,024,414.33
P.T. STA. = 127+14.36
N: 1,942,652.44
E: 1,024,497.75

PROP. CURVE EXOAK-2

Δ = 6° 36' 48" (RT)
D = 3° 46' 00"
R = 1,521.14'
T = 87.88'
L = 175.57'
E = 2.54'
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 127+28.62
N: 1,942,665.86
E: 1,024,502.55
PI STA. = 128+16.51
N: 1,942,744.12
E: 1,024,530.54
P.T. STA. = 129+04.20
N: 1,942,827.41
E: 1,024,571.07

PROP. CURVE EXOAK-3

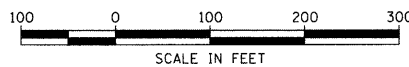
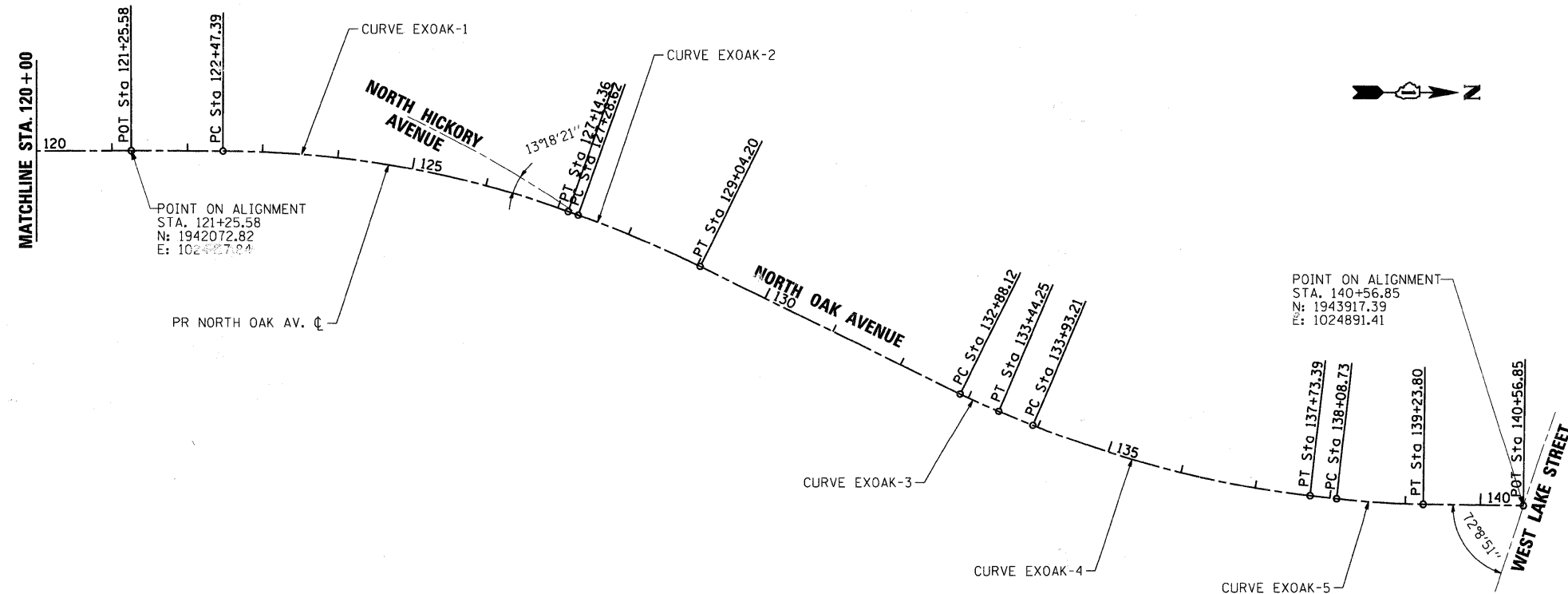
Δ = 3° 25' 59" (LT)
D = 6° 06' 55"
R = 936.93'
T = 28.08'
L = 56.14'
E = 0.42'
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 132+88.12
N: 1,943,267.77
E: 1,024,783.49
PI STA. = 133+16.19
N: 1,943,456.78
E: 1,024,863.16
P.T. STA. = 133+44.25
N: 1,943,222.66
E: 1,024,764.47

PROP. CURVE EXOAK-4

Δ = 16° 32' 17" (LT)
D = 4° 21' 00"
R = 1,317.15'
T = 191.42'
L = 380.18'
E = 13.84'
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 133+93.21
N: 1,943,267.77
E: 1,024,783.49
PI STA. = 135+84.63
N: 1,943,456.78
E: 1,024,863.16
P.T. STA. = 137+73.39
N: 1,943,634.42
E: 1,024,878.92

PROP. CURVE EXOAK-5

Δ = 5° 38' 22" (LT)
D = 4° 54' 03"
R = 1,169.09'
T = 57.58'
L = 115.07'
E = 1.42'
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 138+08.73
N: 1,943,669.55
E: 1,024,882.81
PI STA. = 138+66.32
N: 1,943,734.66
E: 1,024,889.24
P.T. STA. = 139+23.80
N: 1,943,784.36
E: 1,024,889.83



COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: J. MELHUISH
CLIENT: VILLAGE OF BARTLETT
DATE PLOTTED: 8/21/2009 4:25:34 PM
FILE NAME: 090196-11e-01.dgn
PLOT SCALE: 1" = 100'
PLOT DATE: 8/31/2009

SEC GROUP, INC.
Engineering
Surveying
Planning
Landscape Architecture
McHenry • Yorkville • New Lenox • Chicago
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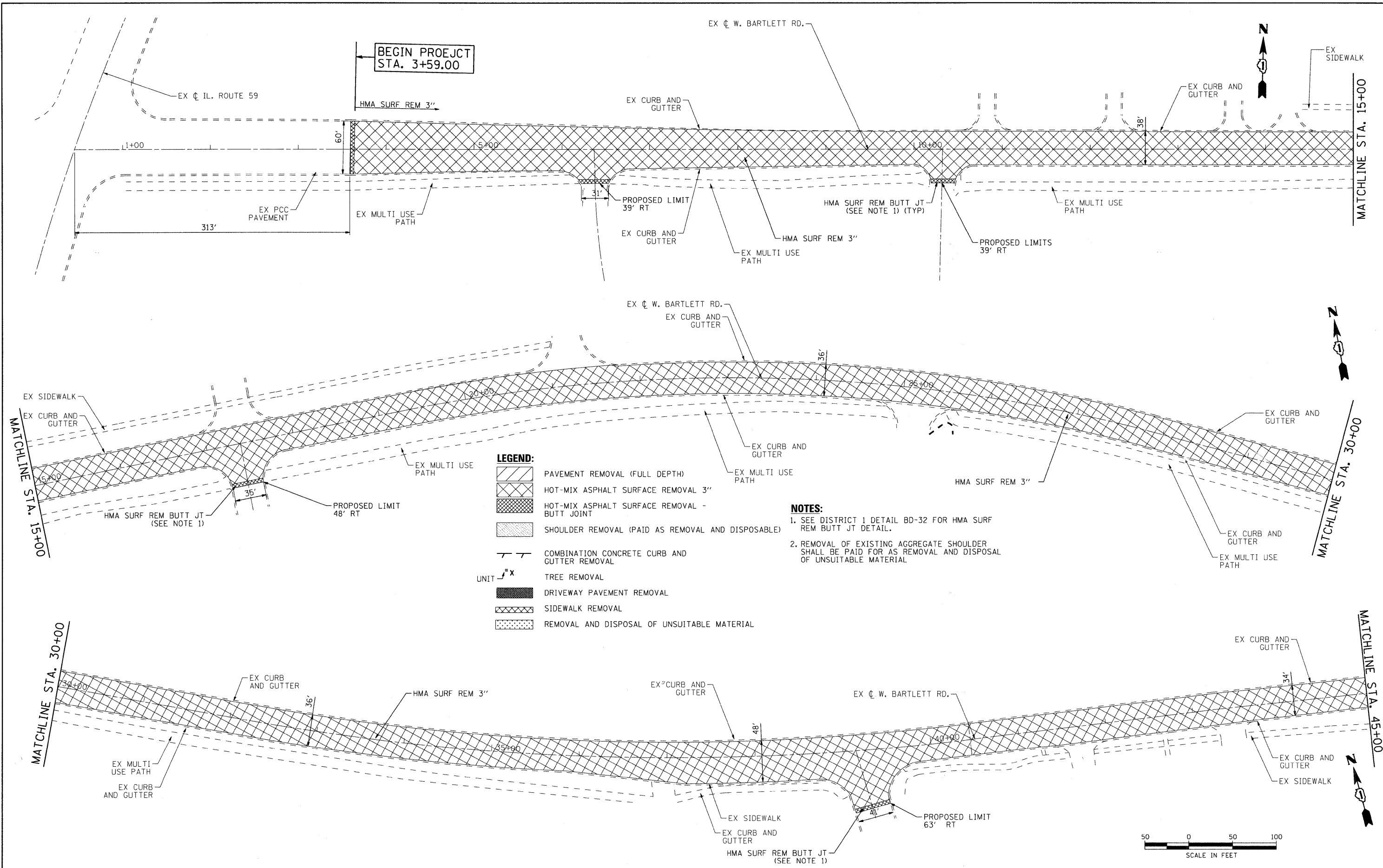
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PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES AND BENCHMARKS
NORTH OAK AVENUE**

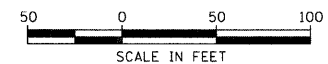
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F.A.U. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 7
CONTRACT NO. 63274			ILLINOIS FED. AID PROJECT ARA-9003 (345)	



- LEGEND:**
- PAVEMENT REMOVAL (FULL DEPTH)
 - HOT-MIX ASPHALT SURFACE REMOVAL 3"
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - SHOULDER REMOVAL (PAID AS REMOVAL AND DISPOSABLE)
 - COMBINATION CONCRETE CURB AND GUTTER REMOVAL
 - TREE REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- UNIT: 1" = 50'

- NOTES:**
- SEE DISTRICT 1 DETAIL BD-32 FOR HMA SURF REM BUTT JT DETAIL.
 - REMOVAL OF EXISTING AGGREGATE SHOULDER SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL



COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELIUSH
 CLIENT: VILLAGE OF BARTLETT
 CLIENT ADDRESS: 4000 W. 142ND ST
 FILE NAME: 090196-rem-01.dgn
 PLOT DRIVER: perlant
 PEN TABLE: s:\standard\trans.tbl



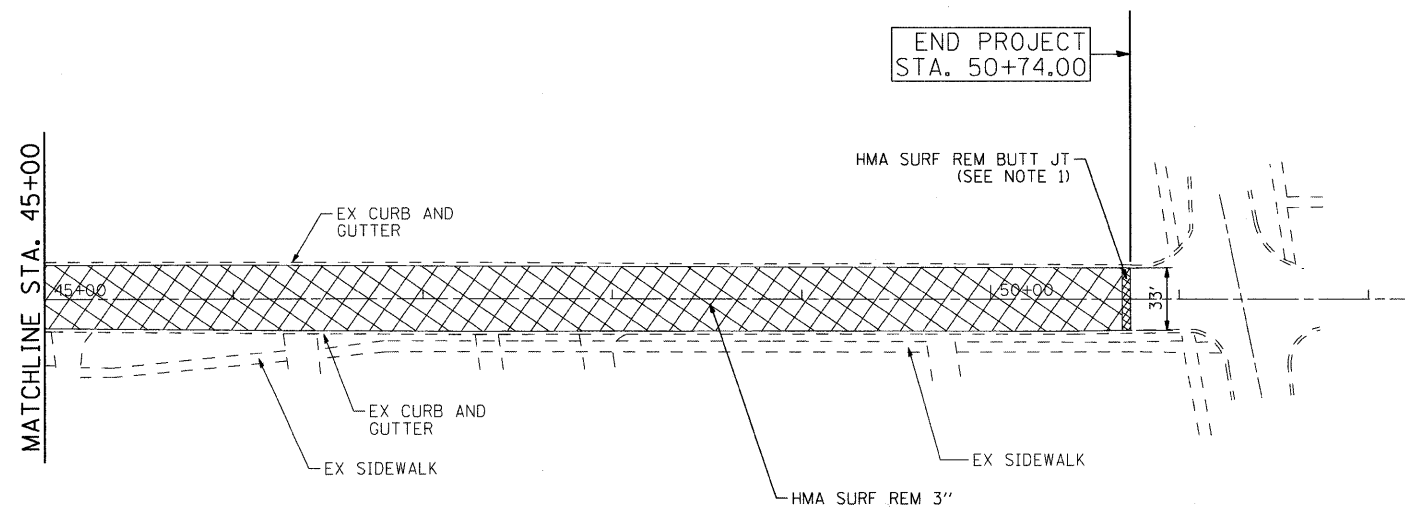
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








STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED REMOVAL PLAN
WEST BARTLETT ROAD

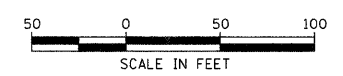
SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. 3+59.00 TO STA. 45+00.00

F.A.U. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 8
CONTRACT NO. 63274			ILLINOIS FED. AID PROJECT ARA-9003 (345)	



- LEGEND:**
-  PAVEMENT REMOVAL (FULL DEPTH)
 -  HOT-MIX ASPHALT SURFACE REMOVAL 3"
 -  HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 -  SHOULDER REMOVAL (PAID AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL)
 -  COMBINATION CONCRETE CURB AND CUTTER REMOVAL
 -  TREE REMOVAL
 -  DRIVEWAY PAVEMENT REMOVAL
 -  SIDEWALK REMOVAL
 -  REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

- NOTES:**
1. SEE DISTRICT 1 DETAIL BD-32 FOR HMA SURF REM BUTT JT DETAIL.
 2. REMOVAL OF EXISTING AGGREGATE SHOULDER SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.



COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELIUSH
 DATE PLOTTED: 8/31/2009 4:52:40 PM
 FILE NAME: 090196-r-em-02.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



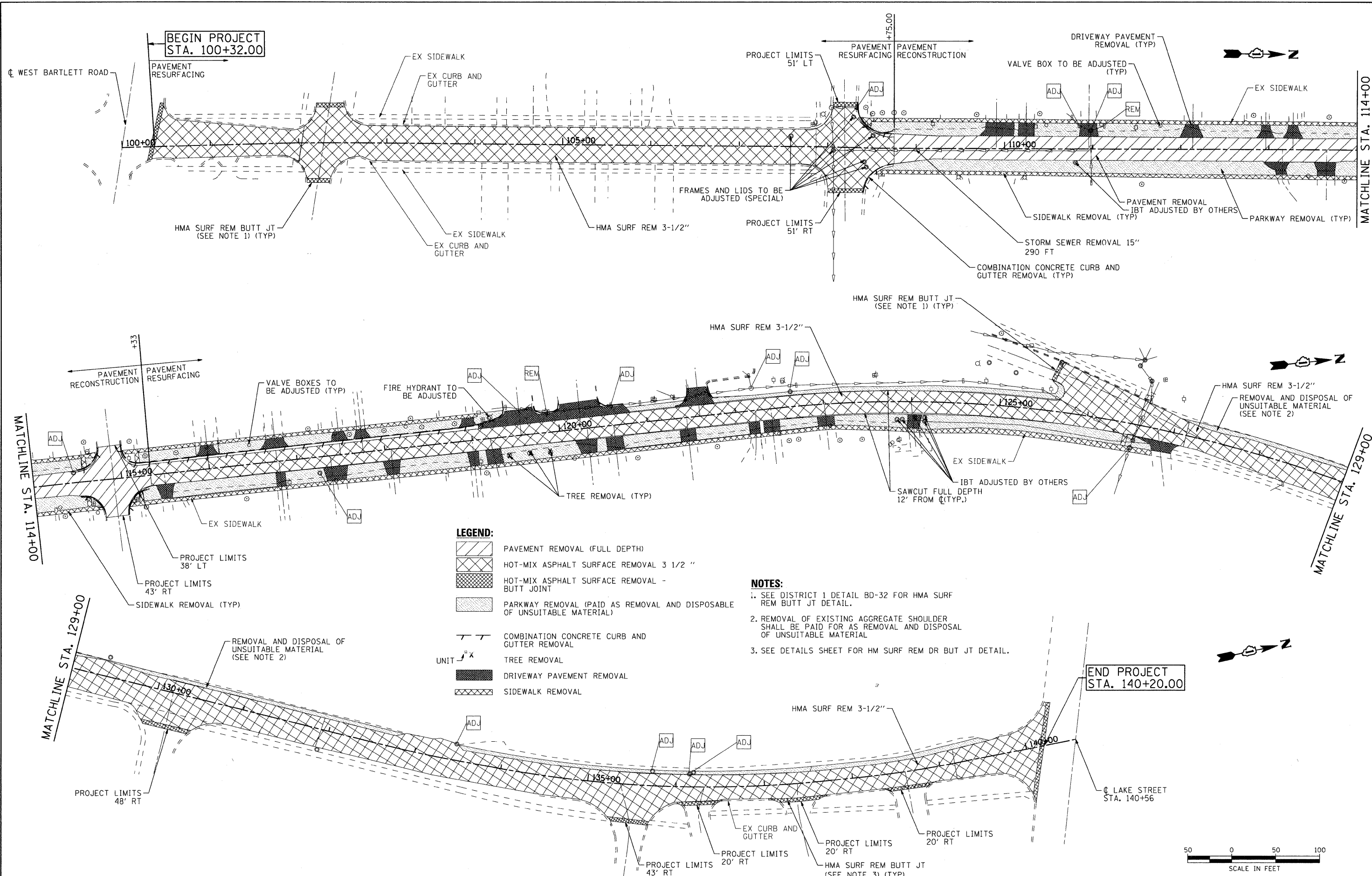
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FILE NAME = 090196-r-em-02.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED REMOVAL PLAN
WEST BARTLETT ROAD**

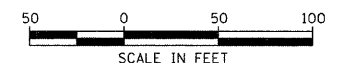
SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 45+00.00 TO STA. 50+74.00

F.A.U. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 9
CONTRACT NO. 63274				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				



- LEGEND:**
- PAVEMENT REMOVAL (FULL DEPTH)
 - HOT-MIX ASPHALT SURFACE REMOVAL 3 1/2 "
 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
 - PARKWAY REMOVAL (PAID AS REMOVAL AND DISPOSABLE OF UNSUITABLE MATERIAL)
 - COMBINATION CONCRETE CURB AND GUTTER REMOVAL
 - TREE REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - SIDEWALK REMOVAL
- UNIT = 1" = 50'

- NOTES:**
1. SEE DISTRICT 1 DETAIL BD-32 FOR HMA SURF REM BUTT JT DETAIL.
 2. REMOVAL OF EXISTING AGGREGATE SHOULDER SHALL BE PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
 3. SEE DETAILS SHEET FOR HM SURF REM DR BUT JT DETAIL.



COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: JAMES HAMILTON
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:25:48 PM
 FILE NAME: 090196-rem-03.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl

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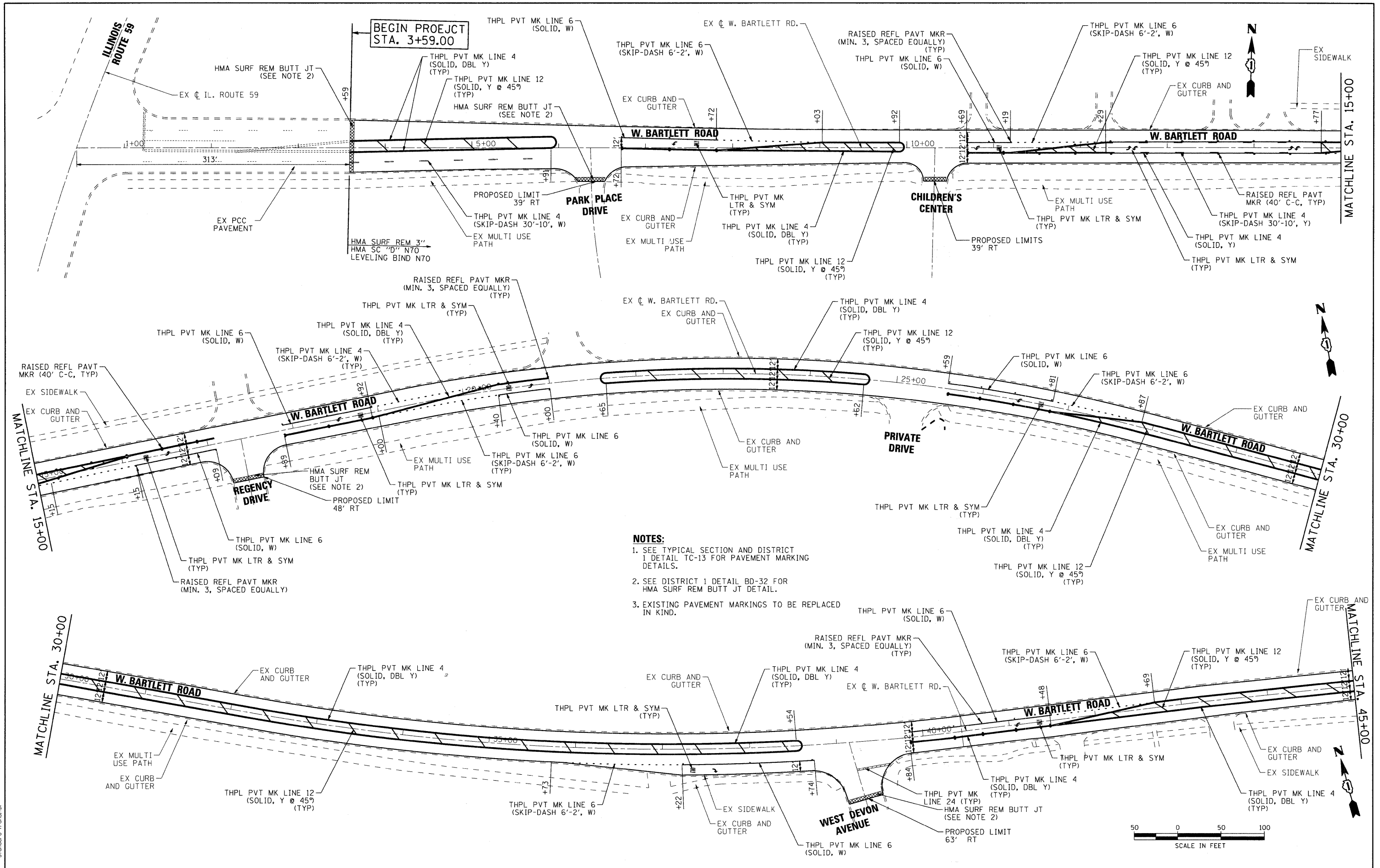
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FILE NAME = 090196-rem-03.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED REMOVAL PLAN
 NORTH OAK AVENUE**

SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. 100+32.00 TO STA. 140+20.00

F.A.U. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 10
CONTRACT NO. 63274			ILLINOIS FED. AID PROJECT ARA-9003 (345)	



- NOTES:**
1. SEE TYPICAL SECTION AND DISTRICT 1 DETAIL TC-13 FOR PAVEMENT MARKING DETAILS.
 2. SEE DISTRICT 1 DETAIL BD-32 FOR HMA SURF REM BUTT JT DETAIL.
 3. EXISTING PAVEMENT MARKINGS TO BE REPLACED IN KIND.

SEC GROUP, INC.
 PROJECT CONTACT:
 VILLAGE OF BARTLETT
 CLIENT:
 DATE PLOTTED:
 FILE NAME:
 PLOT DRIVER:
 PEN TABLE:

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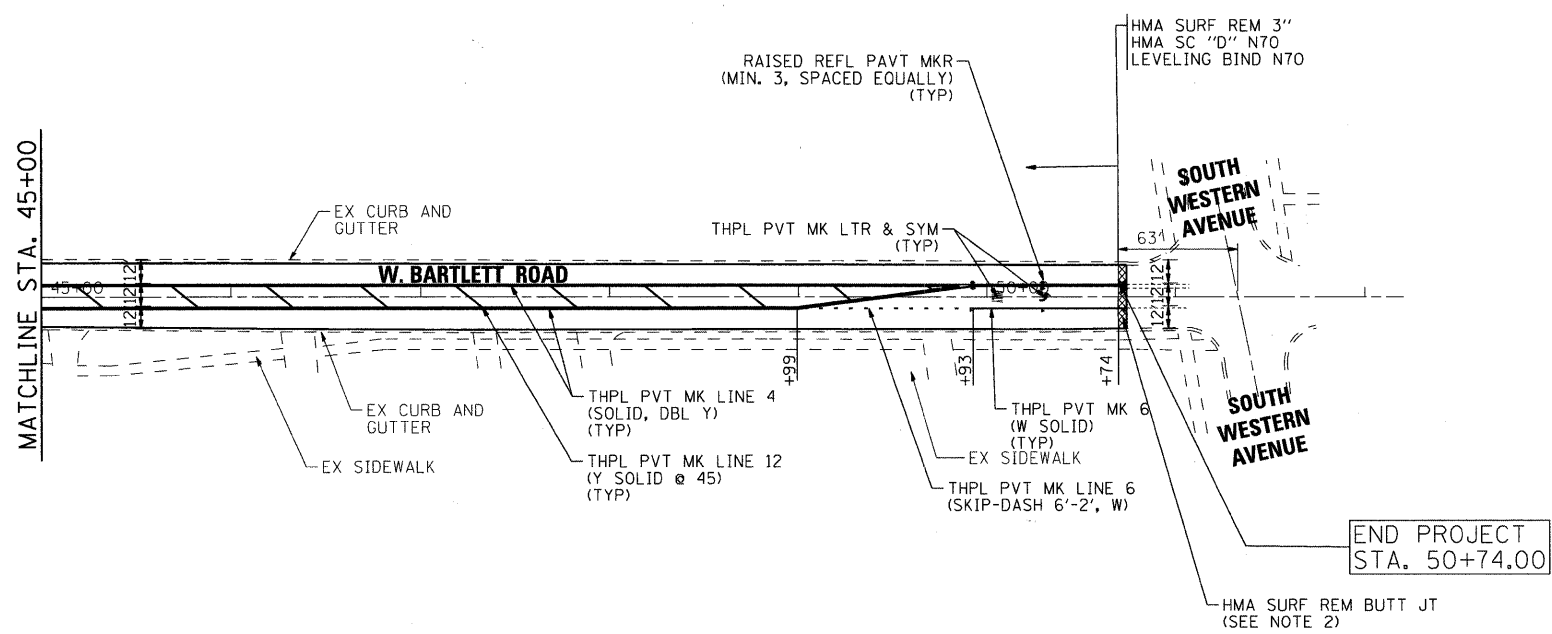
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PLOT SCALE = 1" = 50'	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN
 WEST BARTLETT ROAD RESURFACING**

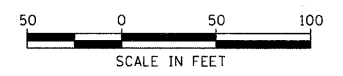
SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 11
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT ARA-9003 (345)		CONTRACT NO. 63274



END PROJECT
STA. 50+74.00

- NOTES:**
1. SEE TYPICAL SECTION AND DISTRICT 1 DETAIL TC-13 FOR PAVEMENT MARKING DETAILS.
 2. SEE DISTRICT 1 DETAIL BD-32 FOR HMA SURF REM BUTT JT DETAIL.



COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: MICHAEL
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:26:00 PM
 FILE NAME: 090196-pln-02.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl



USER NAME = jmelhuish	DESIGNED - J. ATTANASEO	REVISED -
FILE NAME = 090196-pln-02.dgn	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

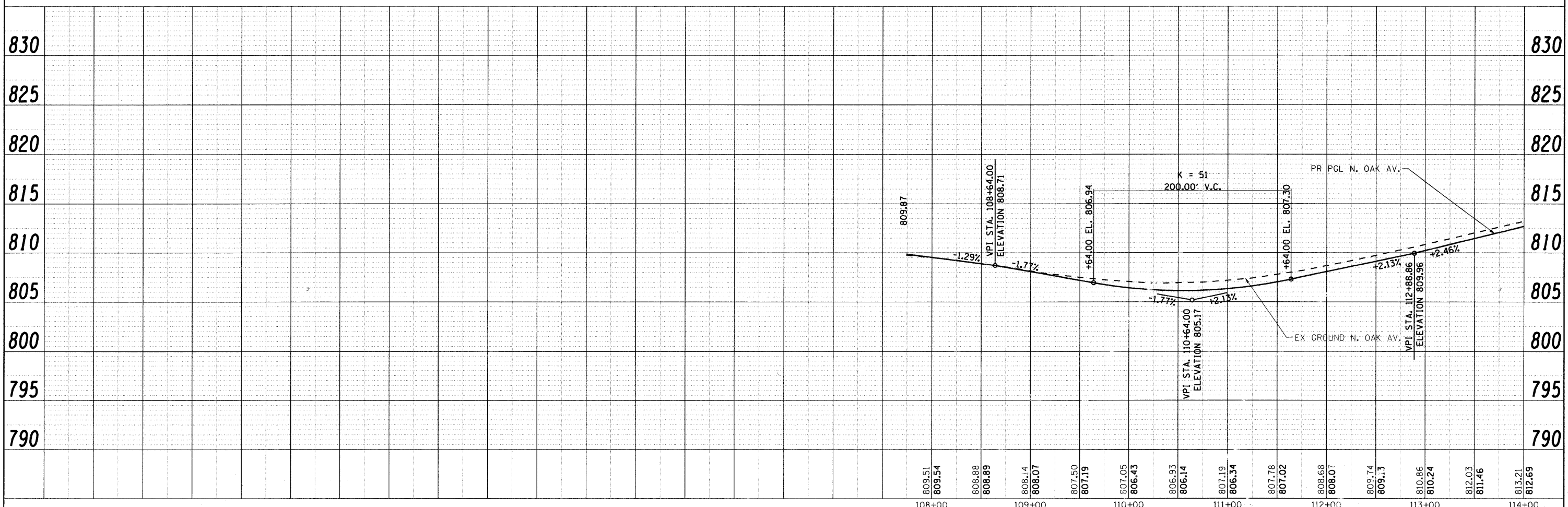
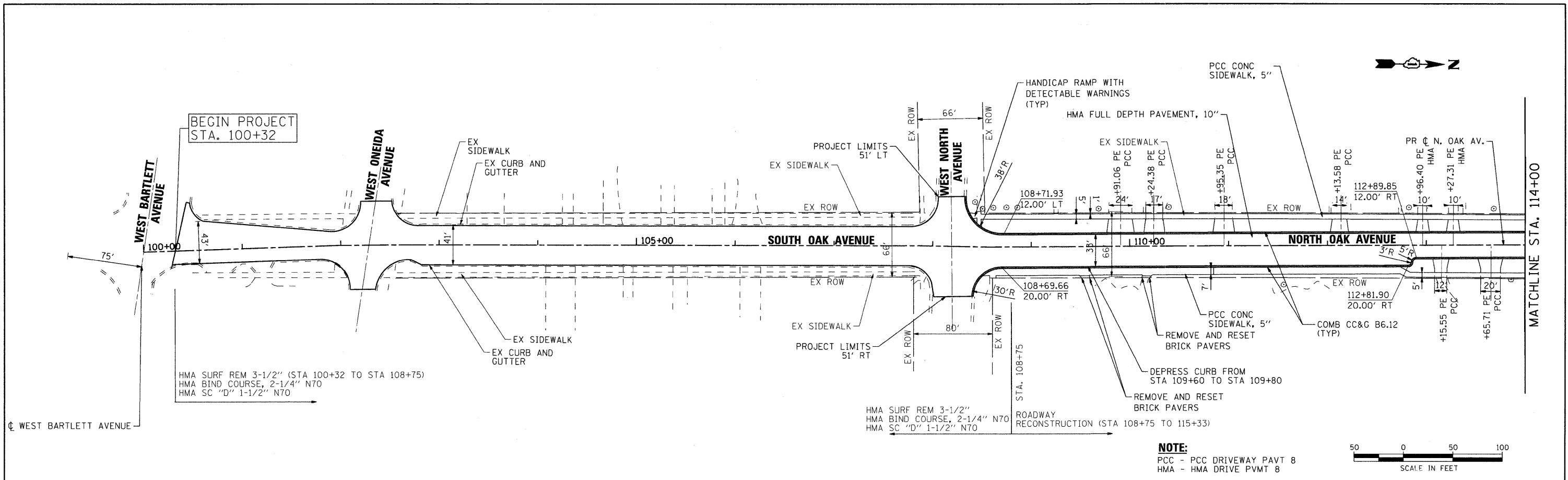
PROPOSED PLAN WEST BARTLETT ROAD RESURFACING			
SCALE: 1" = 50'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	12
CONTRACT NO.			63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	PAID FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	B.M. NOTED		
	STRUCTURE NOTATIONS CIRD		

SEC GROUP, INC.
 COMPANY CONTACT: J. MELHUISH
 PROJECT: VILLAGE OF BARTLETT
 CLIENT: 8/31/2009 4:26:05 PM
 DATE PLOTTED: 09/09/09-pnp-01.dgn
 FILE NAME: pnp.dft
 PLOT DRIVER: srtmndr-d-trans.tbl
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108+00																																											
108+00										109+00					110+00					111+00					112+00					113+00					114+00								
PROPOSED PLAN AND PROFILE																																											
NORTH OAK AVENUE RECONSTRUCTION																																											
SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. TO STA.																																											
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION														<table border="1"> <tr><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>09-00094-00-RS</td><td>COOK</td><td>53</td><td>13</td></tr> <tr><td colspan="3">CONTRACT NO.</td><td>63274</td></tr> <tr><td colspan="4">ILLINOIS FED. AID PROJECT ARA-9003 (345)</td></tr> </table>														SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	09-00094-00-RS	COOK	53	13	CONTRACT NO.			63274	ILLINOIS FED. AID PROJECT ARA-9003 (345)			
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																								
09-00094-00-RS	COOK	53	13																																								
CONTRACT NO.			63274																																								
ILLINOIS FED. AID PROJECT ARA-9003 (345)																																											

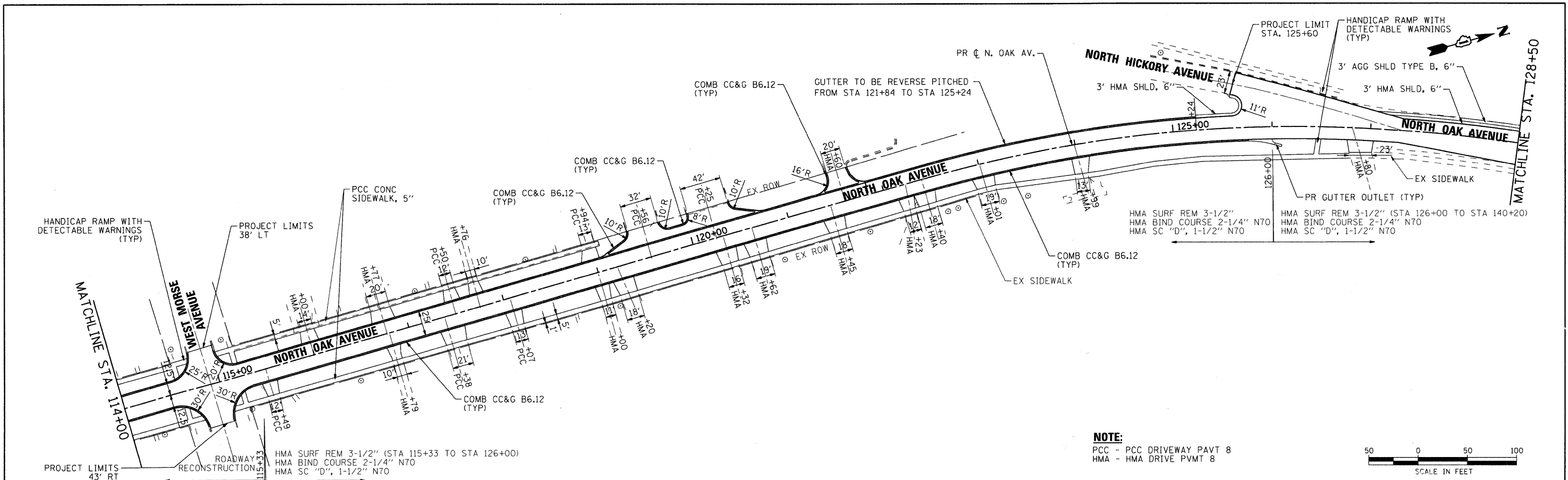
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USER NAME = jmelhuish	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 50'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE: - 8/3/09	REVISED -

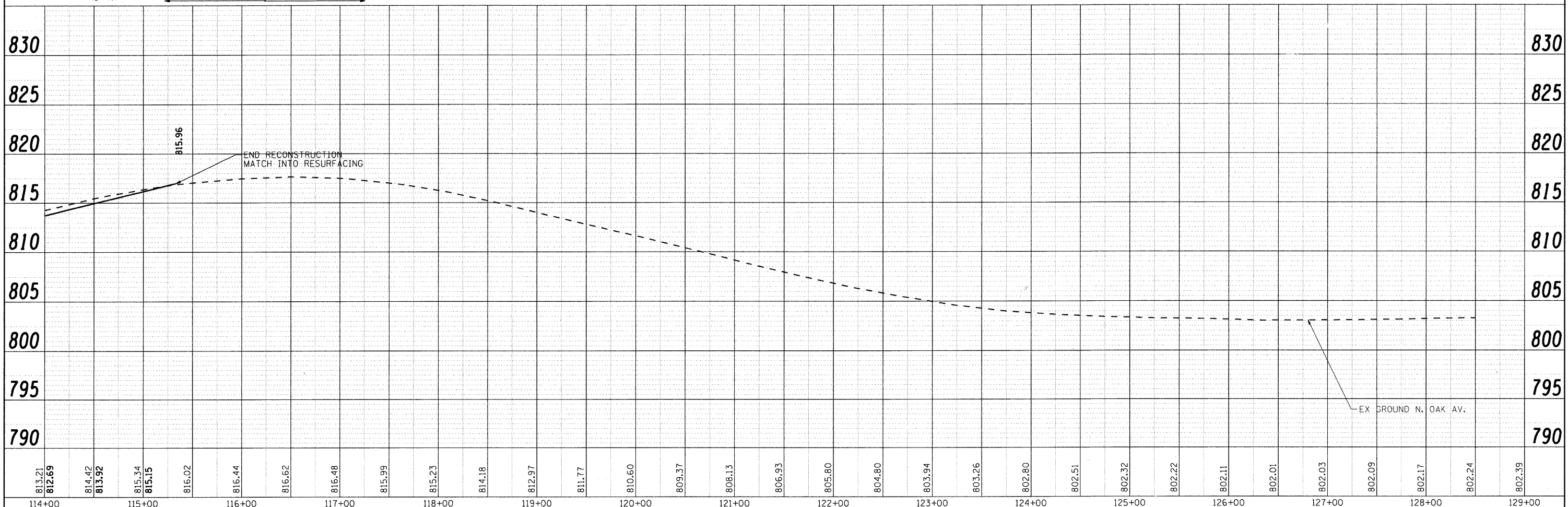
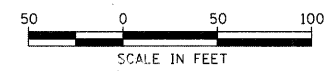
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NOTE BOOK	
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FILE NAME	
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SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:26:09 PM
 FILE NAME: 090196-ppp-02.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-frans.tbl



NOTE:
 PCC - PCC DRIVEWAY PAVT 8
 HMA - HMA DRIVE PVMT 8



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USER NAME = jmelhush	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 50'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE - 8/3/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

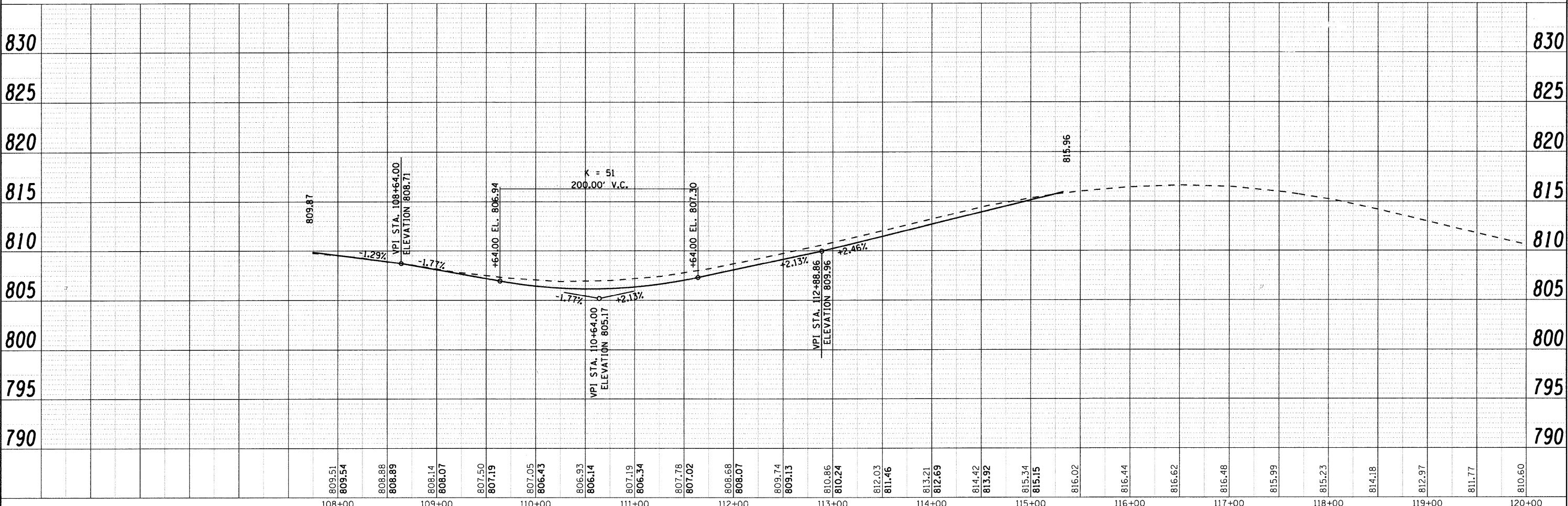
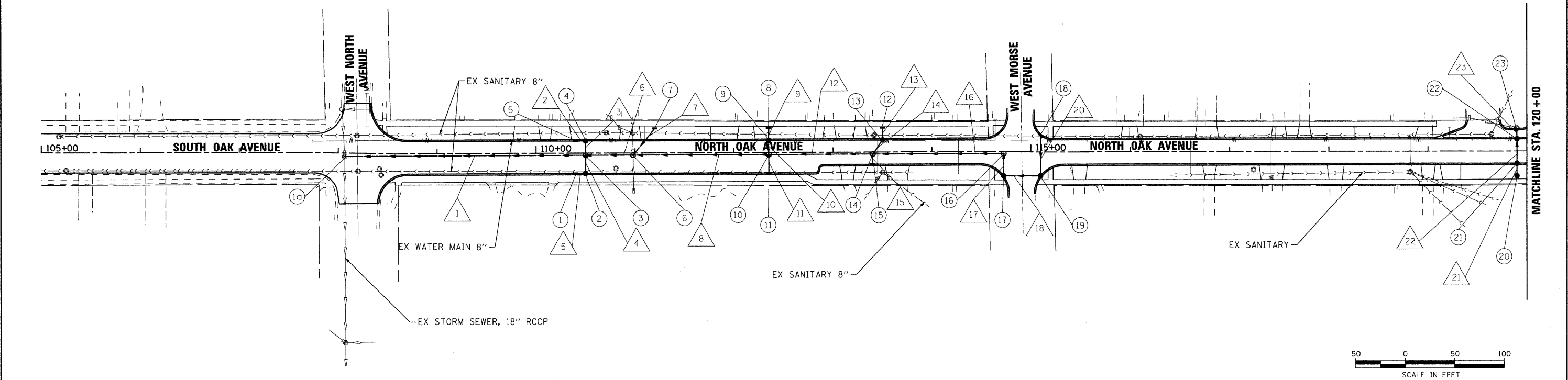
PROPOSED PLAN AND PROFILE
NORTH OAK AVENUE RECONSTRUCTION
 SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	14
CONTRACT NO.			63274	
ILLINOIS FED. AID PROJECT ARA-9003 (345)				

PLAN	SURVEYED	BY	DATE
	PLANNED		
	NOTED		
	NOTED		
	NOTED		
	NOTED		

PROFILE	SURVEYED	BY	DATE
	PLANNED		
	NOTED		
	NOTED		
	NOTED		
	NOTED		

SEC GROUP, INC.
 COMPANY NAME:
 PROJECT CONTACT:
 CLIENT:
 DATE PLOTTED:
 FILE NAME:
 PLOT DRIVER:
 PEN TABLE:



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108+00	108+00	108+00	108+00	109+00	109+00	109+00	109+00	109+00	109+00	110+00	110+00	110+00	110+00	111+00	111+00	111+00	111+00	112+00	112+00	112+00	112+00	113+00	113+00	113+00	113+00	114+00	114+00	114+00	114+00	115+00	115+00	115+00	115+00	116+00	116+00	116+00	116+00	117+00	117+00	117+00	118+00	118+00	118+00	119+00	119+00	119+00	120+00	120+00

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USER NAME = jmelhuish	DESIGNED - J. ATTANASEO	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN
NORTH OAK AVENUE RECONSTRUCTION

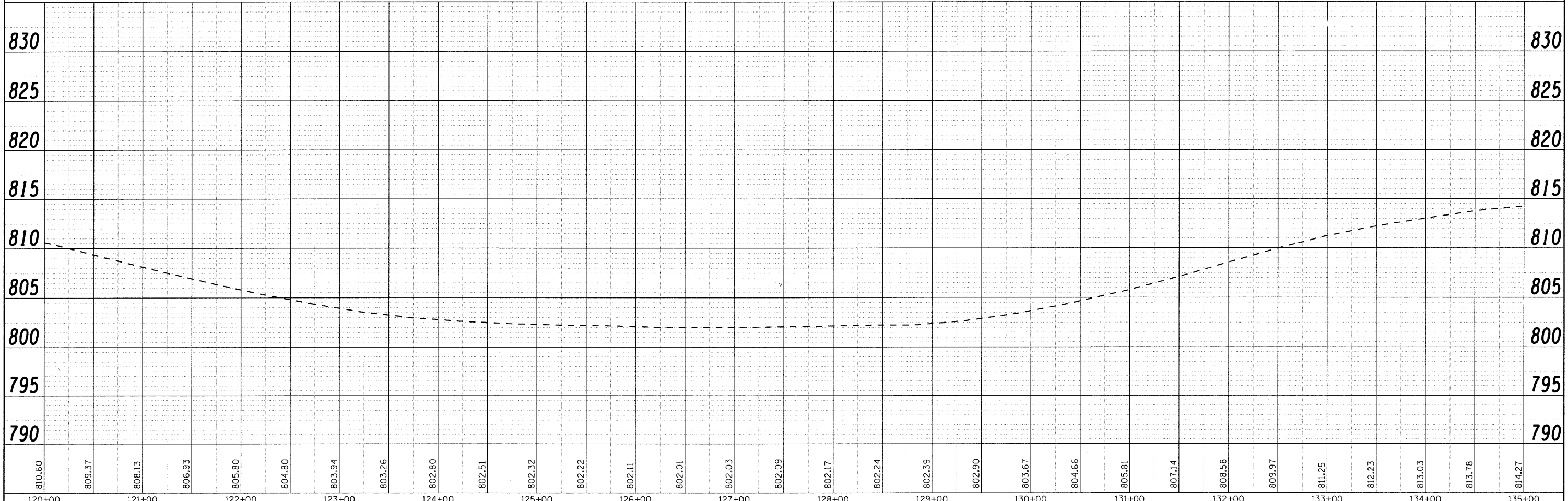
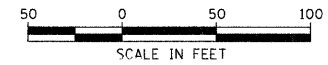
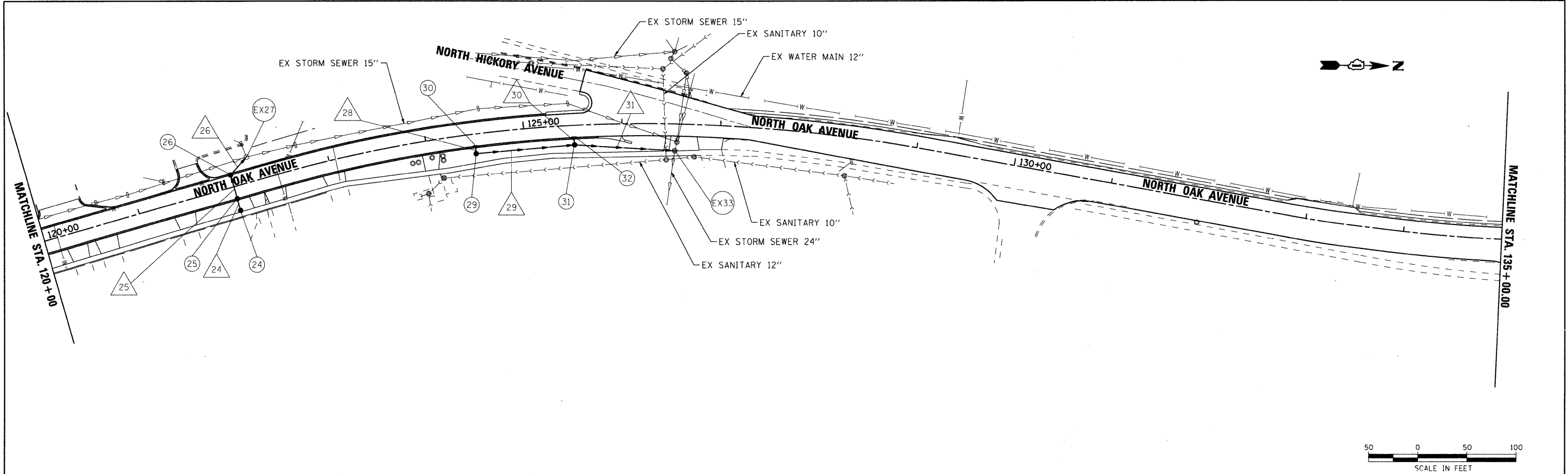
SCALE: 1" = 50' SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 16
CONTRACT NO. 63274				ILLINOIS FED. AID PROJECT ARA-9003 (345)

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	RT. OF WAY CHECKED		
	NO. _____		
	PAID FILE NAME		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	NO. _____		
	STRUCTURE NOTATIONS CHFD		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MEINHUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:26:23 PM
 FILE NAME: 090196-drain-02.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl



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120+00	121+00	122+00	123+00	124+00	125+00	126+00	127+00	128+00	129+00	130+00	131+00	132+00	133+00	134+00	135+00																

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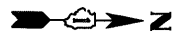
USER NAME = jmeinhush	DESIGNED - J. ATTANASEO	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

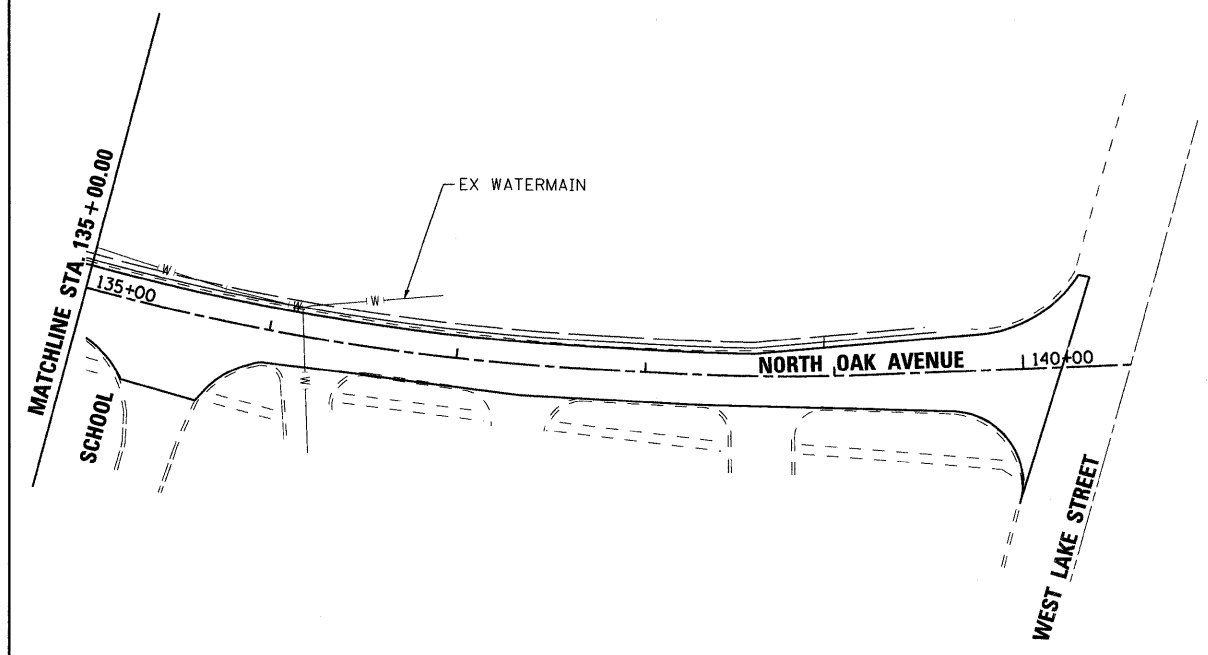
PROPOSED DRAINAGE PLAN
NORTH OAK AVENUE RECONSTRUCTION

SCALE: 1" = 50' SHEET NO. 2 OF 5 SHEETS STA. TO STA.

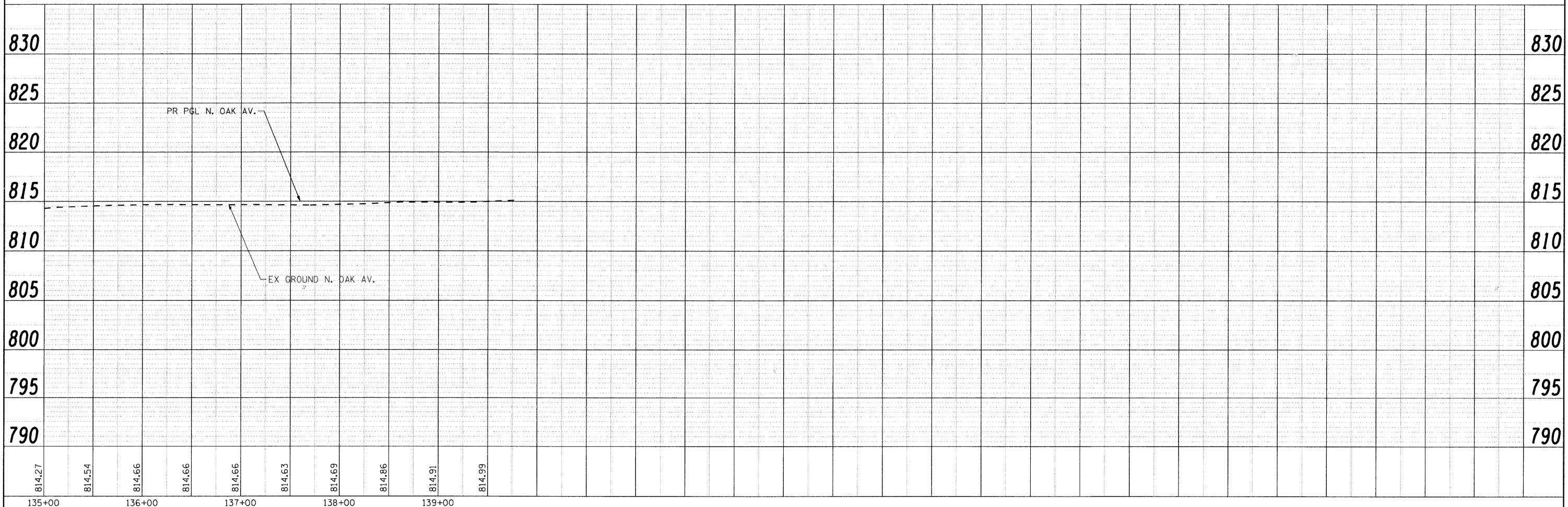
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	17
CONTRACT NO.				63274
ILLINOIS FED. AID PROJECT ARA-9003 (345)				



PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	
NO.	RT. OF WAY CHECKED	
	ADD. FILE NAME	



PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	
NO.	B.M. NOTED	
	STRUCTURE NOTATIONS CIPRD	



SEC GROUP, INC.
 COMPANY NAME: J. MELHUSH
 PROJECT CONTACT: VILLAGE OF BARTLETT
 CLIENT: 8/31/2009 4:26:35 PM
 DATE PLOTTED: 090196-drain-03.dgn
 FILE NAME: pot.dgn
 PLOT DRIVER: s:\standard-trans.tbl
 PEN TABLE:

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USER NAME = jmelhush	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 50'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PLAN
 NORTH OAK AVENUE RECONSTRUCTION**

SCALE: 1" = 50' SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	18
CONTRACT NO.				63274
ILLINOIS FED. AID PROJECT ARA-9003 (345)				

STRUCTURE NUMBER	STATION	OFFSET (FT)	LT/RT	STRUCTURE TYPE					DIA. (FT.)	FRAME & GRATE	INVERTS							RIM ELEVATION		
				INLET TYPE A	MH TYPE A	CB TYPE A	CB TYPE C	FES			NORTH	NORTHWEST	WEST	SOUTHWEST	SOUTH	SOUTHEAST	EAST		NORTHEAST	
1a	EX 108+06.49	3.63	RT								800.05								809.35	
1	110+40.00	20.5	RT				1		2'	T11	802.33								805.75	
2	110+49.93	20.5	RT			1			4'	T11					802.23			802.23	805.73	
3	110+50.00	2.15	RT		1				5'	T1CL	802.30				802.13			802.03	806.10	
4	110+50.00	12.5	LT			1			4'	T11		802.23						802.23	805.89	
5	110+40.00	12.5	LT	1					2'	T8	802.33								806.66	
6	110+98.00	2.1	RT		1				5'	T1CL	804.15	803.00						802.76	807.15	
7	111+20.06	25	LT					1	2'	T8							803.50		805.90	
8	112+35.00	25	LT					1	2'	T8								805.50	807.50	
9	112+34.94	12.5	LT					1	2'	T11								805.40	808.56	
10	112+35.00	2	RT		1				5'	T1CL	805.80				805.30			805.30	808.77	
11	112+35.00	20.5	RT					1	2'	T11								805.40	808.40	
12	113+50.00	25	LT					1	2'	T8									807.75	809.84
13	113+50.00	12.5	LT			1			4'	T11								807.65	811.24	
14	113+40.00	2	RT		1				5'	T1CL	808.20							807.55	811.20	
15	113+40.07	12.5	RT			1			4'	T11								808.00	810.99	
16	114+72.69	2	RT		1				5'	T1CL								810.83	814.48	
17	114+72.93	24.5	RT			1			4'	T11	811.03				811.03				814.04	
18	115+09.86	16.6	LT					1	2'	T11									811.93	814.93
19	115+10.00	24	RT			1			4'	T11					811.78			811.78	814.79	
20	119+90	25	RT					1	2'	T8								807.5	809.20	
21	119+90	12.5	RT			1			4'	T11								807.45	810.58	
22	119+90	12.5	LT			1			4'	T11								807.34	810.58	
23	119+90	23.2	LT		1				5'	T11	807.3							807.45	810.30	
24	122+00	25	RT					1	2'	T8								802.71	804.71	
25	122+00	12.5	RT			1			4'	T11								802.55	805.55	
26	122+00	12.5	LT			1			4'	T11		802.5						802.5	806.08	
EX27	122+20.55	25.6	LT														802.45		805.05	
29	124+49	20	RT			1			4'	T8	798.15				798.25			798.25	801.31	
30	124+49	12.5	RT	1					2'	T11								798.35	802.20	
31	125+50	20	RT			1			4'	T8					797.6			797.65	800.73	
32	125+50	12.5	RT	1						T11								797.7	801.87	
EX33	126+53.84	27.4	RT											796.8					799.80	

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELIUSH
 VILLAGE OF BARTLETT
 CLIENT: COTTER
 FILE NAME: 090196-drainagesch01.dgn
 PLOT DRIVER: partech
 PEN TABLE: s:standard-trans.tbl



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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 8/31/2009	DATE = 8/3/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN NORTH OAK AVENUE RECONSTRUCTION			
SCALE:	SHEET NO. 4 OF 5 SHEETS	STA.	TO STA.

F.A.U. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 19
CONTRACT NO. 63274			ILLINOIS FED. AID PROJECT ARA-9003 (345)	

PIPE NO.	FROM STRUCT.	TO STRUCT.	STORM SEWER, CLASS A, TYPE 2						SLOPE (%)	TBF (CY)
			12"	15"	18"	24"	30"	36"		
1	3	1a		239					0.83	174
2	5	4	8						1.25	2.2
3	4	3	11						0.89	3.5
4	2	3	15						0.67	4.4
5	1	2	8						1.23	2.2
6	6	3		44					1.59	15.1
7	7	6	32						1.56	7.5
8	10	6		148					0.78	31.9
9	8	9	12						0.87	0.7
10	9	10	12						0.83	3.3
11	11	10	16						0.63	4.1
12	14	10		86					2.03	54.4
13	12	13	11						0.95	0.7
14	13	14	14						0.71	4.4
15	15	14	7						1.43	1.8
16	16	14		129					2.04	89.8
17	17	16	19						0.53	4.9
18	19	17	34						2.20	9.3
20	18	19	39						0.39	9.90
21	20	21	11						0.48	1.70
22	21	22	22						0.50	5.60
23	22	23	7						0.57	2.00
24	24	25	11						1.45	1.70
25	25	26	22						0.23	5.60
26	26	ex27	21						0.24	5.40
28	30	29	6						1.67	1.80
29	29	31		97					0.52	0.00
30	32	31	6						1.67	2.00
31	31	ex33		99					0.73	0.00

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:46:39 PM
 FILE NAME: 090196-arainagesch02.dgn
 PLOT DRIVER: pdtcalp
 PEN TABLE: StandardTrans.tbl



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PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

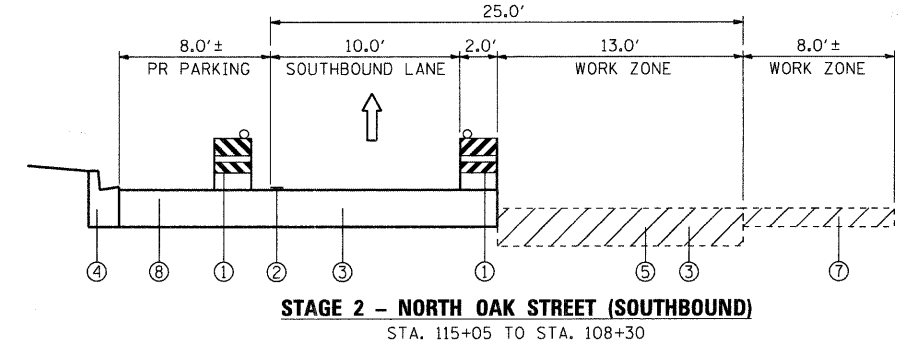
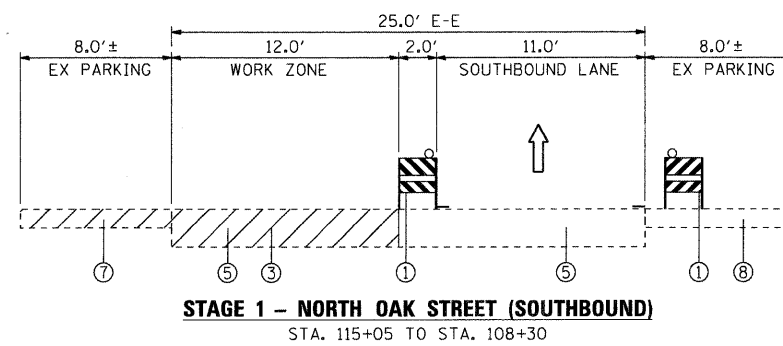
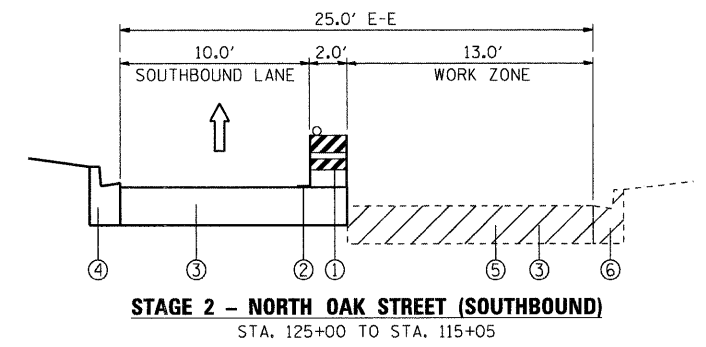
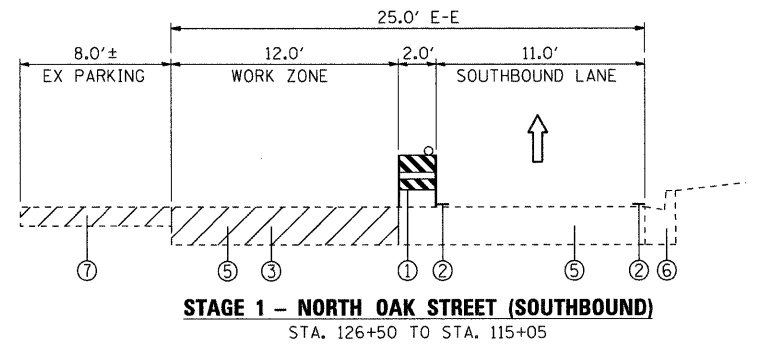
PROPOSED DRAINAGE PLAN
NORTH OAK AVENUE F&E CONSTRUCTION

SCALE: SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	20
CONTRACT NO.				63274
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				

MAINTENANCE OF TRAFFIC GENERAL NOTES

- THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND REMOVE ALL SIGNS, BARRICADES, FLAGGERS, PAVEMENT STRIPING AND OTHER TRAFFIC CONTROL DEVICES AS MAY BE NECESSARY FOR THE PURPOSE OF REGULATING, WARNING OR GUIDING TRAFFIC. PROPER PLACEMENT AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE IN ACCORDANCE WITH THE APPLICABLE PARTS OF SECTION 701 OF THE STANDARD SPECIFICATIONS, THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS AND THE HIGHWAY STANDARDS. TRAFFIC CONTROL DEPICTED ON THE CONSTRUCTION STAGING PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNING MAY BE REQUIRED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ONE SOUTHBOUND LANE OF TRAFFIC FLOW AT ALL TIMES DURING CONSTRUCTION ON NORTH OAK STREET.
- THE CONTRACTOR SHALL USE PAVEMENT MARKING TAPE TYPE III FOR TEMPORARY LANE MARKINGS ON ALL PERMANENT PAVEMENT. PAINT PAVEMENT MARKINGS MAY BE USED ON ALL SURFACES TO BE REMOVED OR RESURFACED.
- 4" SOLID LINES SHALL BE USED TO DEFINE OUTSIDE LANE LINES DURING MAINTENANCE OF TRAFFIC.
- ACCESS TO PROPERTIES AND SIDE STREETS UNLESS OTHERWISE NOTED SHALL BE PROVIDED AND MAINTAINED DURING CONSTRUCTION. ANY ACCESS CLOSURES SHALL BE COORDINATED WITH THE PROPERTY OWNERS WITH AT LEAST TWO WORKING DAYS IN ADVANCE.
- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED OR COVERED BY MEANS APPROVED BY THE ENGINEER. THIS WORK WILL BE PAID FOR PER SQUARE FOOT OF "WORK ZONE PAVEMENT MARKING REMOVAL".
- TYPE I OR II BARRICADES EQUIPPED WITH ONE-WAY FLASHING LIGHTS WILL BE REQUIRED AT ALL OPEN TRENCHES, EXCAVATIONS, OPEN OR EXPOSED SEWER TRENCHES, AND AT ANY OTHER LOCATIONS DESIGNATED BY THE ENGINEER.
- THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY STAGE CHANGE AT LEAST TWO WORKING DAYS IN ADVANCE OF THE CHANGE.
- EXISTING TRAFFIC CONTROL DEVICES ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE CAUSED BY HIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR WILL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH BARRICADE USED. (TYPE I OR TYPE II ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.) ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR (4) SANDBAGS PER BARRICADE.
- THE CONTRACTOR SHALL BE REQUIRED TO FURNISH UP TO TWO (2) CHANGEABLE MESSAGE SIGNS FOR THIS PROJECT. THE SIGNS SHALL BE OPERATIONAL TWO WEEKS PRIOR TO ANY LANE CLOSURES AND SHALL BE LOCATED AS DIRECTED BY THE ENGINEER. ANY RELOCATION OF THE SIGNS DIRECTED BY THE ENGINEER DURING CONSTRUCTION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CHANGEABLE MESSAGE SIGN.



- MAINTENANCE OF TRAFFIC LEGEND**
- ① TYPE II BARRICADES, SPACED PER HWY STD.
 - ② TEMPORARY PAVEMENT MARKING LINE 4
 - ③ PROPOSED PAVEMENT RECONSTRUCTION
 - ④ PROPOSED COMBINATION CONCRETE CURB AND GUTTER
 - ⑤ EXISTING PAVEMENT
 - ⑥ EXISTING CURB AND GUTTER
 - ⑦ EXISTING SHOULDER (PARKING AREA)
 - ⑧ PROPOSED PARKING AREA
 - ➡ DIRECTION OF TRAFFIC

SUGGESTED CONSTRUCTION STAGING

STAGE I - MAINTENANCE OF TRAFFIC

- PLACE TEMPORARY CONSTRUCTION SIGNAGE AND BARRICADES NECESSARY FOR STAGE I CONSTRUCTION
- PLACE TRAFFIC DETOUR SIGNING
- REMOVE ALL CONFLICTING PAVEMENT MARKINGS
- SHIFT TRAFFIC AS INDICATED

STAGE I - CONSTRUCTION

NORTH OAK ST. - REMOVE EXISTING PAVEMENT AS INDICATED, PERFORM EARTHWORK AS REQUIRED. CONSTRUCT STORM SEWER, CURB AND GUTTER, PAVEMENT RECONSTRUCTION, SIDEWALK AND DRIVEWAYS.

WEST BARTLETT RD. - PERFORM RESURFACING AS INDICATED.

STAGE II - MAINTENANCE OF TRAFFIC

- ADJUST TEMPORARY CONSTRUCTION SIGNAGE AND BARRICADES NECESSARY FOR STAGE II CONSTRUCTION.
- REMOVE ALL CONFLICTING PAVEMENT MARKINGS.
- SHIFT TRAFFIC AS INDICATED.

STAGE II - CONSTRUCTION

NORTH OAK ST. - REMOVE EXISTING PAVEMENT AS INDICATED, PERFORM EARTHWORK AS REQUIRED. CONSTRUCT STORM SEWER, CURB AND GUTTER, PAVEMENT WIDENING, SIDEWALK AND DRIVEWAYS.

WEST BARTLETT RD. - CONTINUE RESURFACING AS INDICATED.

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 CLIENT ADDRESS: 42841 PM
 FILE NAME: 090196-mot1-00.dgn
 PLOT DRIVER: portlet
 PEN TABLE: standard-trans.tbl

SEC Group, Inc.
 Engineering
 Surveying
 Planning
 Landscape Architecture
 McHenry • Yorkville • New Lenox • Chicago
 www.secgroupinc.com

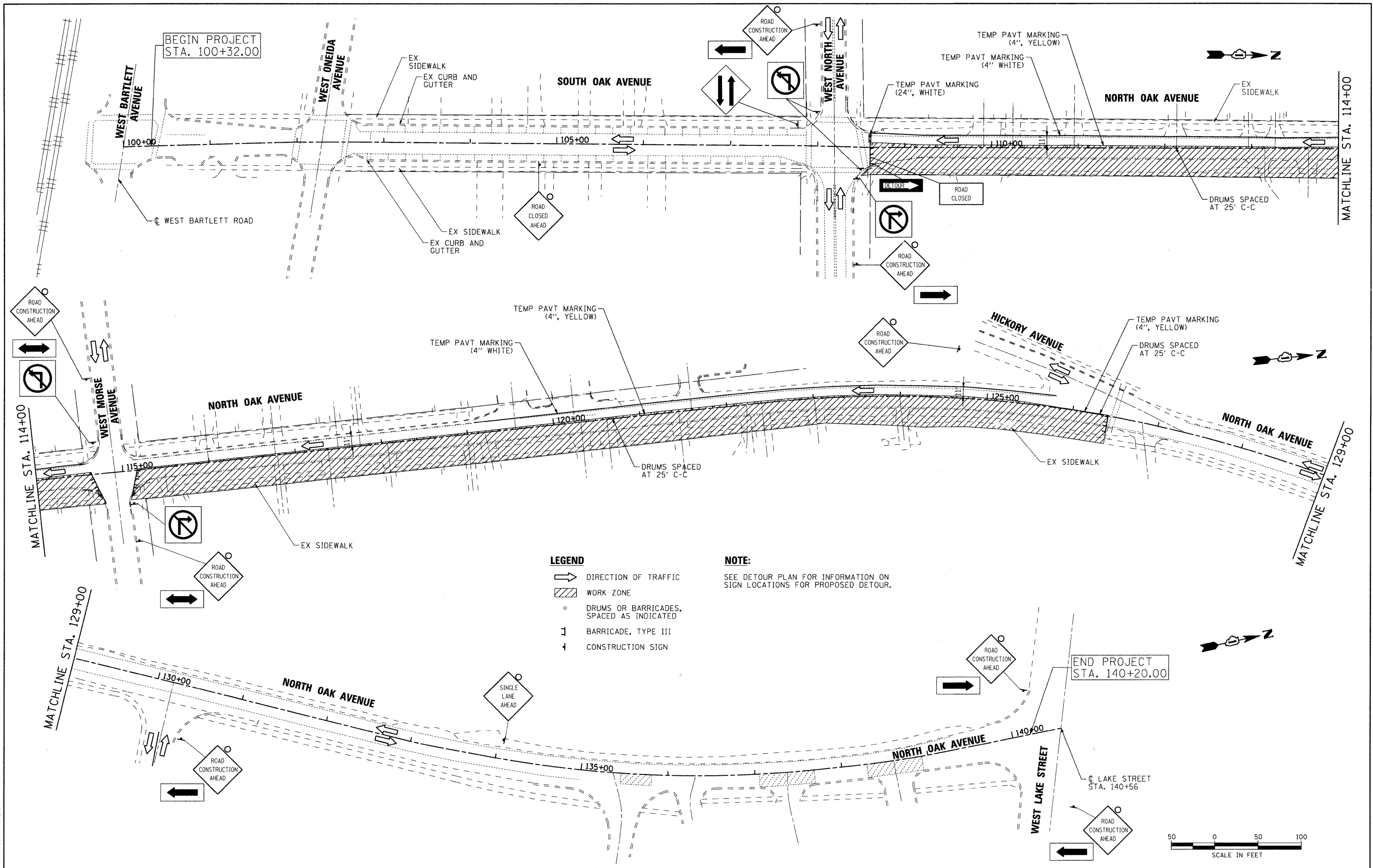
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PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED MAINTENANCE OF TRAFFIC
 GENERAL NOTES AND STAGING**

SCALE: N.T.S. SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	21
CONTRACT NO.			63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				



- LEGEND**
- DIRECTION OF TRAFFIC
 - WORK ZONE
 - DRUMS OR BARRICADES, SPACED AS INDICATED
 - BARRICADE, TYPE III
 - CONSTRUCTION SIGN

NOTE:
SEE DETOUR PLAN FOR INFORMATION ON SIGN LOCATIONS FOR PROPOSED DETOUR.



COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:28:45 PM
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 PLOT TABLE: Standard Trans.tbl



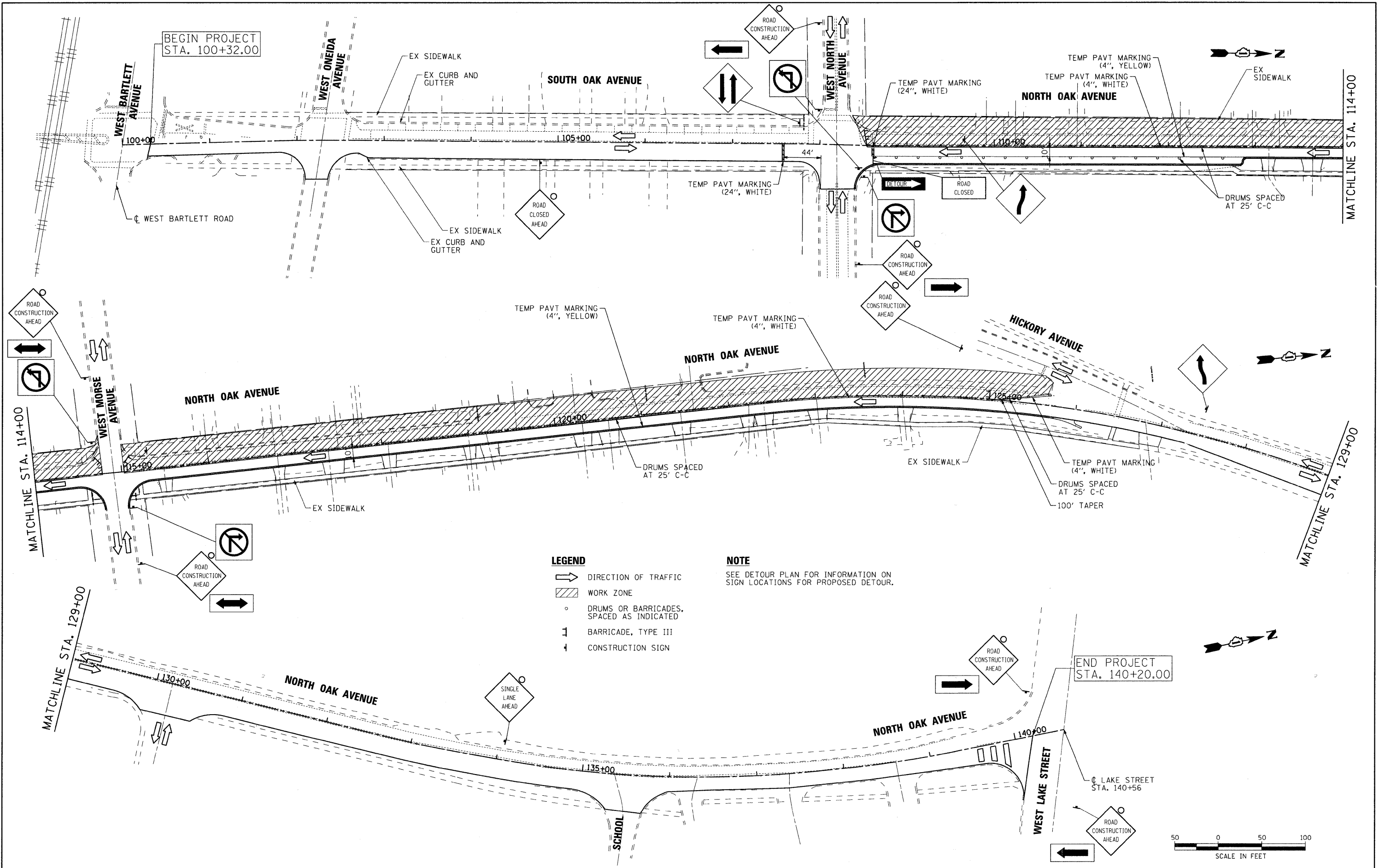
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PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED MAINTENANCE OF TRAFFIC
STAGE 1**

SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	22
CONTRACT NO.			63274	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT ARA-9003 (345)		



SEC GROUP, INC.
 PROJECT CONTACT: J. MELINDA BARTLETT
 DATE PLOTTED: 8/31/2009 4:54:49 PM
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 PLOT DRIVER: defolt
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 www.secgroupinc.com

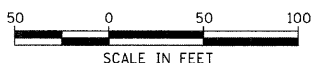
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PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED MAINTENANCE OF TRAFFIC
 STAGE 2**

SCALE: 1" = 50' SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	23
CONTRACT NO. 63274			ILLINOIS FED. AID PROJECT ARA-9003 (345)	



63274 VILLAGE OF BARTLETT 090196-mot2-01.dgn

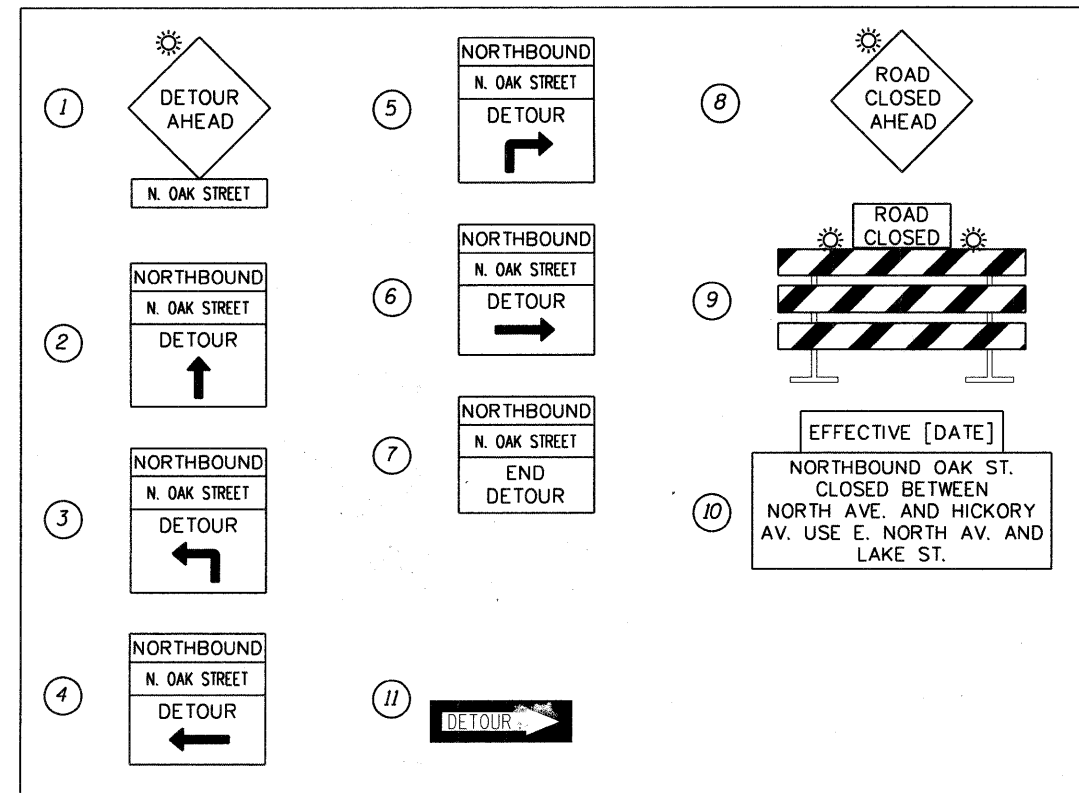
DETOUR GENERAL NOTES

1. THE ROAD SHALL NOT BE CLOSED TO NORTHBOUND TRAFFIC UNTIL ALL SIGNING HAS BEEN ERECTED IN ACCORDANCE WITH THE DETOUR PLAN.
2. THE ENGINEER AND EMERGENCY SERVICES SHALL BE NOTIFIED IN WRITING AT LEAST THREE WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
3. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND AND BRIDGE CONSTRUCTIONS" ADOPTED JANUARY 1, 2007. THE DETAILS IN THESE PLANS, THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," AND AS DIRECTED BY THE ENGINEER.
4. THE SIZES OF ALL SIGNS NOT SPECIFIED IN THESE PLANS SHALL BE AS REQUIRED BY THE ILLINOIS MANUAL IN UNIFORM TRAFFIC CONTROL.
5. ADDITIONAL SIGNING AND/OR BARRICADES DEEMED NECESSARY BY THE ENGINEER SHALL BE PROVIDED AND INSTALLED AT NO ADDITIONAL COST.
6. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH THE NAMES AND PHONE NUMBERS OF HIS REPRESENTATIVES ON THE CONSTRUCTION SITE, (INCLUDING A 24-HR EMERGENCY NUMBER) AND HIS REPRESENTATIVES SHALL BE RESPONSIBLE FOR THE DETOUR SIGNING, PRIOR TO THE START OF WORK AT THE PRECONSTRUCTION CONFERENCE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FIELD LOCATION OF ALL DETOUR AND CONSTRUCTION SIGNING. THE CONTRACTOR SHALL REQUEST THE ENGINEER TO FIELD VERIFY THE POSITIONS OF ANY SIGNS.
8. ALL EXISTING SIGNING THAT IS IN CONFLICT WITH THE DETOUR IN EFFECT SHALL BE COMPLETELY COVERED BY THE CONTRACTOR IN A MANNER MEETING THE APPROVAL OF THE ENGINEER.
9. ALL DETOUR SIGNING SHALL BE POST MOUNTED.
10. ALL DETOUR SIGNING EXCEPT REGULATORY SIGNS SHALL HAVE BLACK LEGENDS ON FLUORESCENT ORANGE SHEETING AND STANDARD BLACK BORDERS. THE FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL MEET THE REQUIREMENTS OF ARTICLE 1084.02 OF THE STANDARD SPECIFICATIONS. ALL DETOUR SIGNING SHALL BE NEW OR IN LIKE-NEW CONDITION. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.

DETOUR GENERAL NOTES (CONT.)

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS, AND OTHER DEVICES INSTALLED BY HIM ARE IN PLACE AND OPERATING 24 HOURS EACH DAY, INCLUDING SUNDAYS AND HOLIDAYS.
12. THE "ROAD CLOSED" (R11-2) SIGN SHALL BE MOUNTED ABOVE THE TOPS OF THE TYPE III BARRICADES. ALL TYPE III BARRICADES SHALL HAVE TWO AMBER TYPE A-LOW INTENSITY FLASHING LIGHTS SPACED NEAR THE CENTERLINES OF THE SUPPORTS.
13. THE TYPE III BARRICADES USED AT POINTS OF CLOSURE TO TRAFFIC SHALL NOT EXCEED 8 FEET IN WIDTH EACH FOR A SINGLE APPROACH LANE. ALL BARRICADES AT THESE LOCATIONS SHALL HAVE REFLECTORIZED STRIPING ON THE BACK SIDES OF THE BARRICADES.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VISIBILITY OF ALL DETOUR AND CONSTRUCTION SIGNS, INCLUDING BRUSHING BACK VEGETATION IF DEEMED NECESSARY BY THE ENGINEER.
15. THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS BEFORE THE ROAD IS TO BE REOPENED TO TRAFFIC. THE ENGINEER WILL CONTACT THE APPROPRIATE LOCAL AGENCIES AND INTERESTED PARTIES.
16. ALL WORK REQUIRED FOR DETOUR SIGNING SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR LUMP SUM AS "TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR."

SIGN LEGEND



COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:28:51 PM
 PLOT PLOTTER: HP DesignJet 2400
 PLOT DRIVER: hpplmutil
 PEN TABLE: standard-trans.tbl



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PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**





**PROPOSED DETOUR GENERAL NOTES
 AND SIGN LEGEND**

SCALE: N.T.S. SHEET NO. 1 OF 2 SHEETS STA. TO STA.

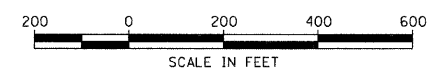
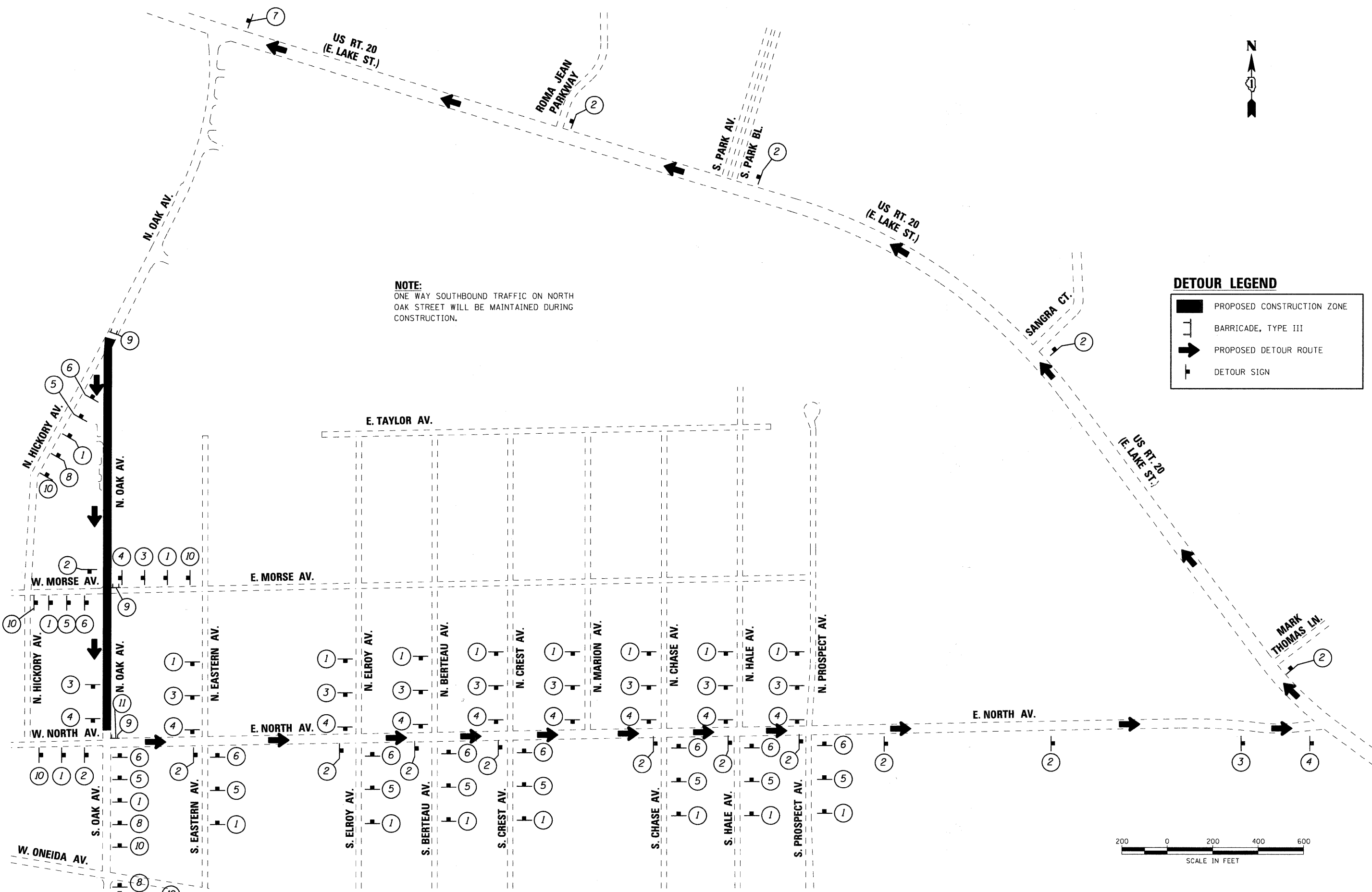
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2537	09-00084-00-RS	COOK	53	24
CONTRACT NO.			63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				



DETOUR LEGEND

-  PROPOSED CONSTRUCTION ZONE
-  BARRICADE, TYPE III
-  PROPOSED DETOUR ROUTE
-  DETOUR SIGN

NOTE:
ONE WAY SOUTHBOUND TRAFFIC ON NORTH OAK STREET WILL BE MAINTAINED DURING CONSTRUCTION.



COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:26:53 PM
 FILE NAME: 090196-de tour-02.dgn
 PLOT DATE: 8/31/2009
 PLOT TIME: 4:26:53 PM
 PLOT BY: jmelhuish



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FILE NAME = 090196-de tour-02.dgn	DRAWN - JPA	REVISED -
PLOT SCALE = 1" = 200'	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DETOUR
NORTHBOUND OAK AVENUE**

SCALE: 1" = 200' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	25
CONTRACT NO.			63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				

EROSION CONTROL GENERAL NOTES

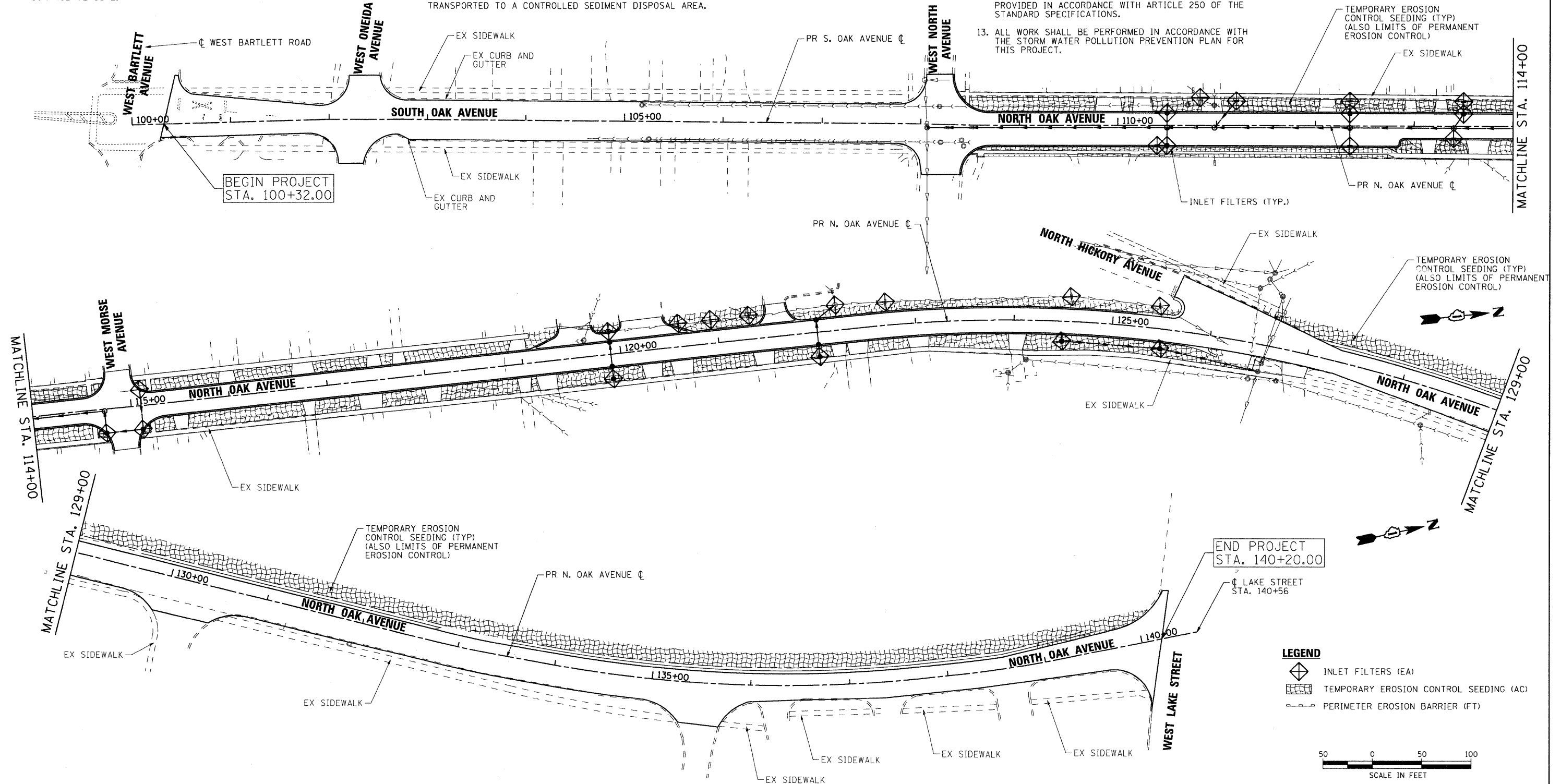
1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
2. PROPERTIES AND CHANNELS ADJOINING THE DEVELOPMENT SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.
3. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
4. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.
5. ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.

EROSION CONTROL GENERAL NOTES (CONT.)

6. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AND EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
7. ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (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.
8. A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURES) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION-SITE OF A MAJOR DEVELOPMENT TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

EROSION CONTROL GENERAL NOTES (CONT.)

9. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO AND DEVELOPMENT SITE, CHANNEL, WATERS OF THE UNITED STATES OR ISOLATED WATERS OF COOK COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
10. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.
11. TEMPORARY EROSION CONTROL SEEDING APPLIED AT THE RATE OF 100 POUNDS PER ACRE AS STATED IN ARTICLE 280.04 OF THE STANDARD SPECIFICATIONS.
12. PERMANENT EROSION CONTROL SHALL INCLUDE FURNISHING AND PLACING TOPSOIL, 4" AND SODDING, SALT TOLERANT (SPECIAL) TO BE PROVIDED IN ACCORDANCE WITH ARTICLE 250 OF THE STANDARD SPECIFICATIONS.
13. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN FOR THIS PROJECT.



SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE: 08/31/2009
 FILE NAME: 090196-ero-01.dgn
 PLOT DRIVER: partlet
 STANDARD: trans.tbl

SEC Group, Inc.
 Engineering
 Surveying
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 Landscape Architecture
 McHenry • Yorkville • New Lenox • Chicago
 www.secgroupinc.com

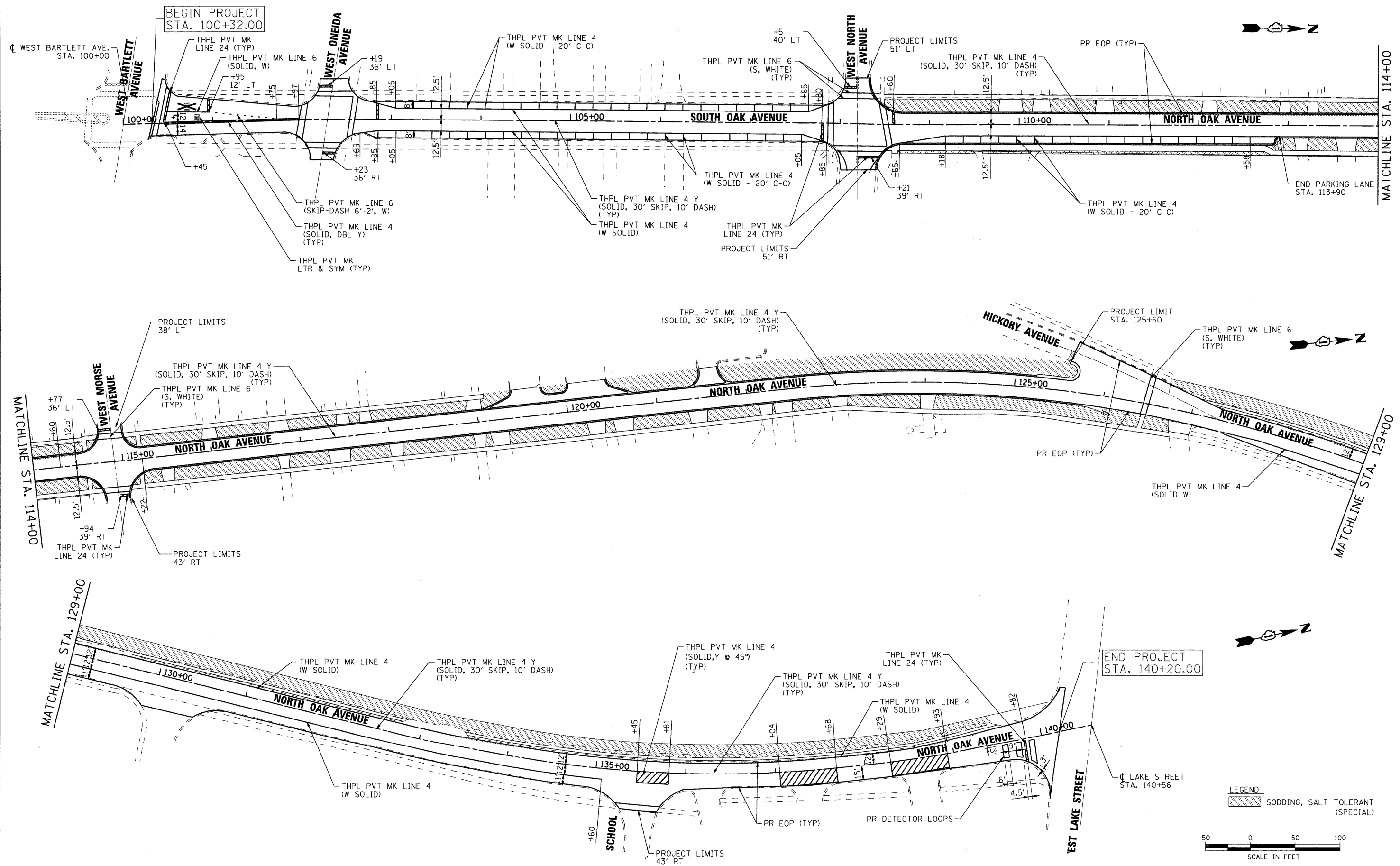
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FILE NAME = 090196-ero-01.dgn	DRAWN - JPA	REVISED -
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PLOT DATE = 8/31/2009	DATE = 8/31/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

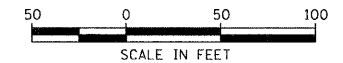
**EROSION CONTROL PLAN
 NORTH OAK AVENUE**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	26
CONTRACT NO.			63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				



LEGEND
 [Hatched Box] SODDING, SALT TOLERANT (SPECIAL)



SEC GROUP, INC.
 J. MELHUSH
 8/31/2009 14:27:05 PM
 090196-pm-02.dgn
 J:\Projects\090196-pm-02.dgn



USER NAME = jmelhush
 FILE NAME = 090196-pm-02.dgn
 PLOT SCALE =
 PLOT DATE = 8/31/2009

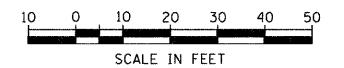
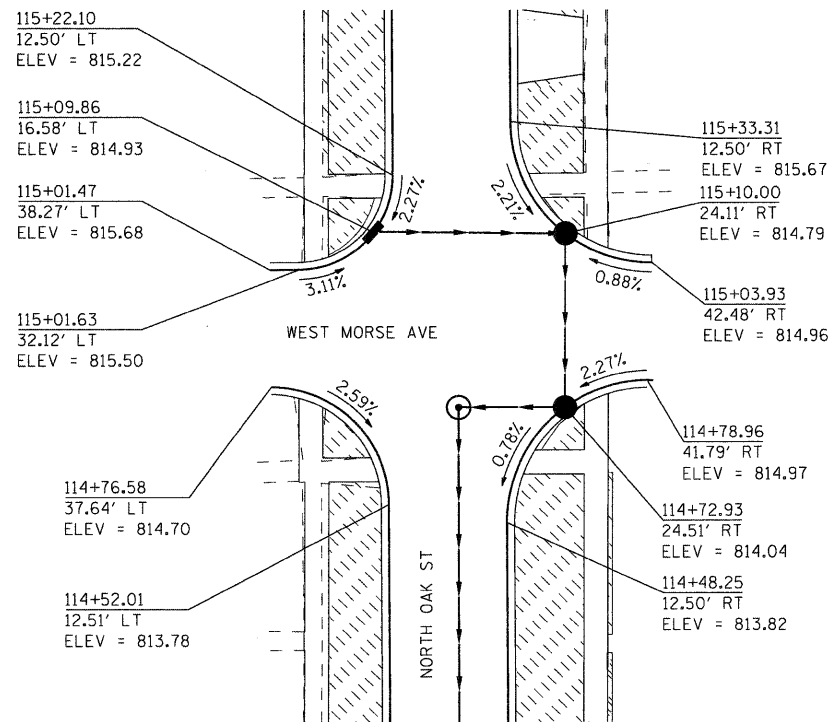
DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE - 8/3/09	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
NORTH OAK AVENUE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	27
CONTRACT NO.			63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				



NOTE
THE MAXIMUM GRADE ACROSS SIDEWALK SHALL NOT EXCEED 2%.

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: J. MELNICH
CLIENT: VILLAGE OF BARTLETT
DATE PLOTTED: 08/31/2009 4:27:17 PM
FILE NAME: 090196-pje.dgn
PLOT DRIVER: cdf.sh
PEN TABLE: standard-trans.tbl

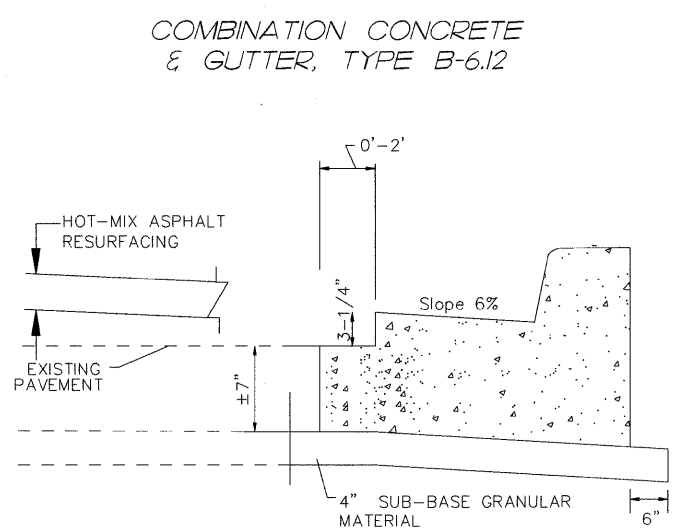
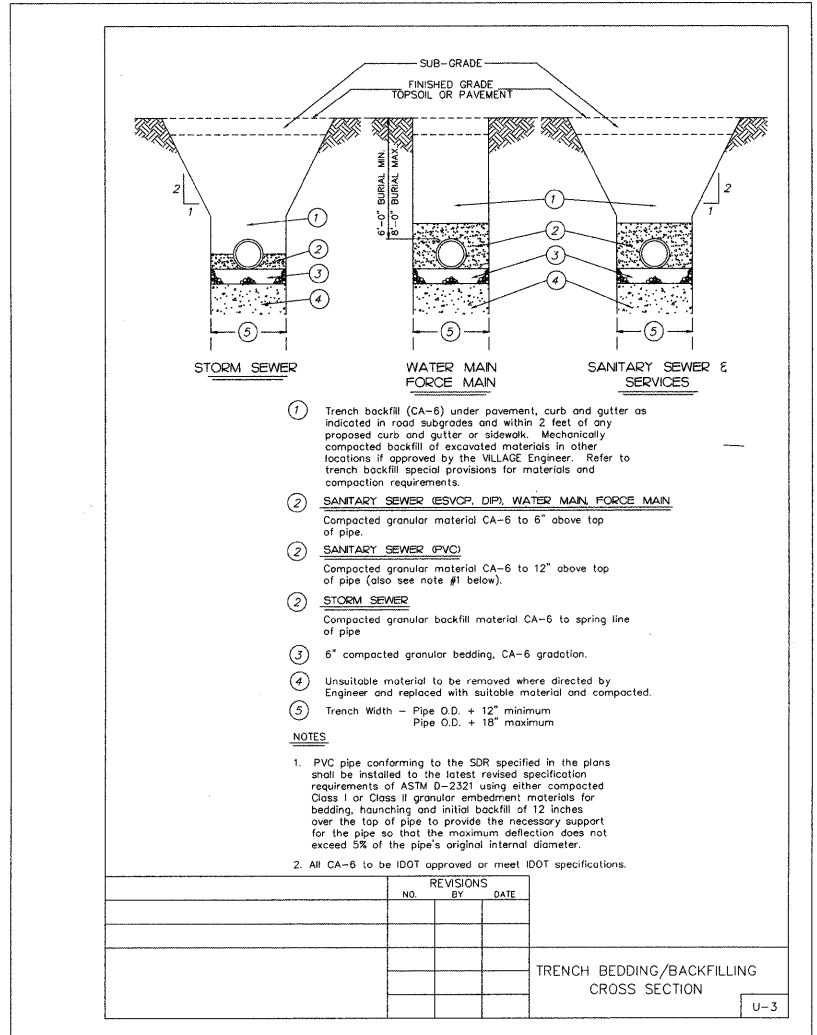
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FILE NAME = 090196-pje.dgn	DRAWN -	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	DATE - 8/3/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN
NORTH OAK AVENUE RECONSTRUCTION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	28
CONTRACT NO.				63274
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				



This curb and gutter detail shall be used when there is a gap between the existing pavement and the proposed curb and gutter.

The locations of Combination Concrete Curb and Gutter shall be marked by the Engineer in the field.

The Combination Concrete Curb and Gutter shall be placed and include any and all joints, reinforcement, joint fillers and subbase granular repair.

The area between the edge of the existing pavement and the face of the new gutter shall be cleaned of all loose material and filled with Class PV concrete to a maximum of 1" width.

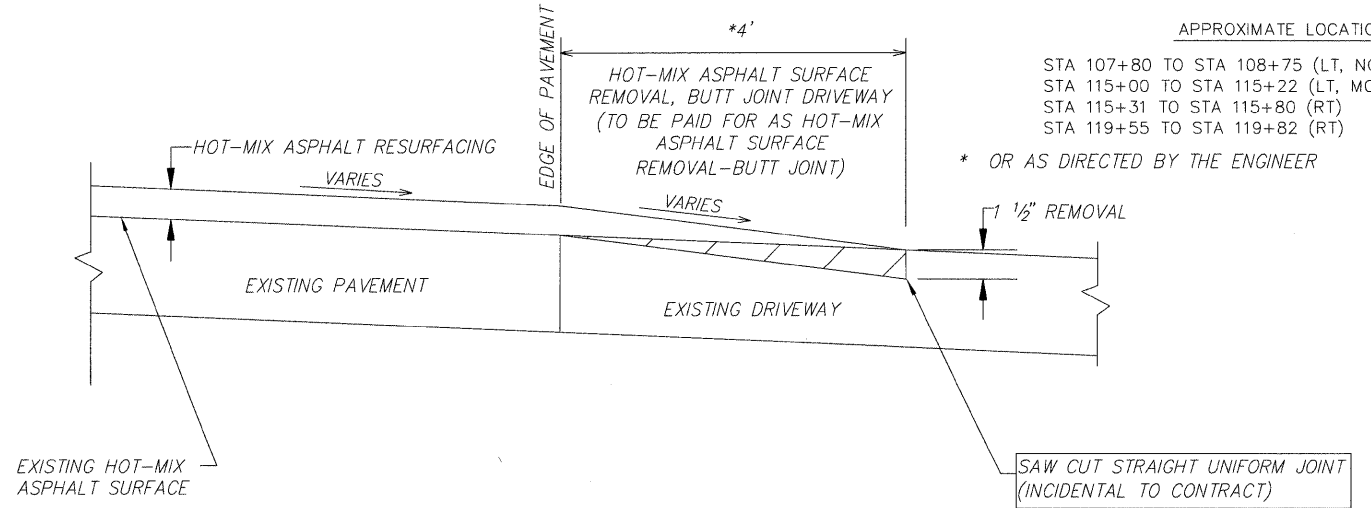
The cost of the additional concrete shall be included in the cost of the Combination Concrete Curb and Gutter, Type B-6.12.

See Specifications for additional requirements.

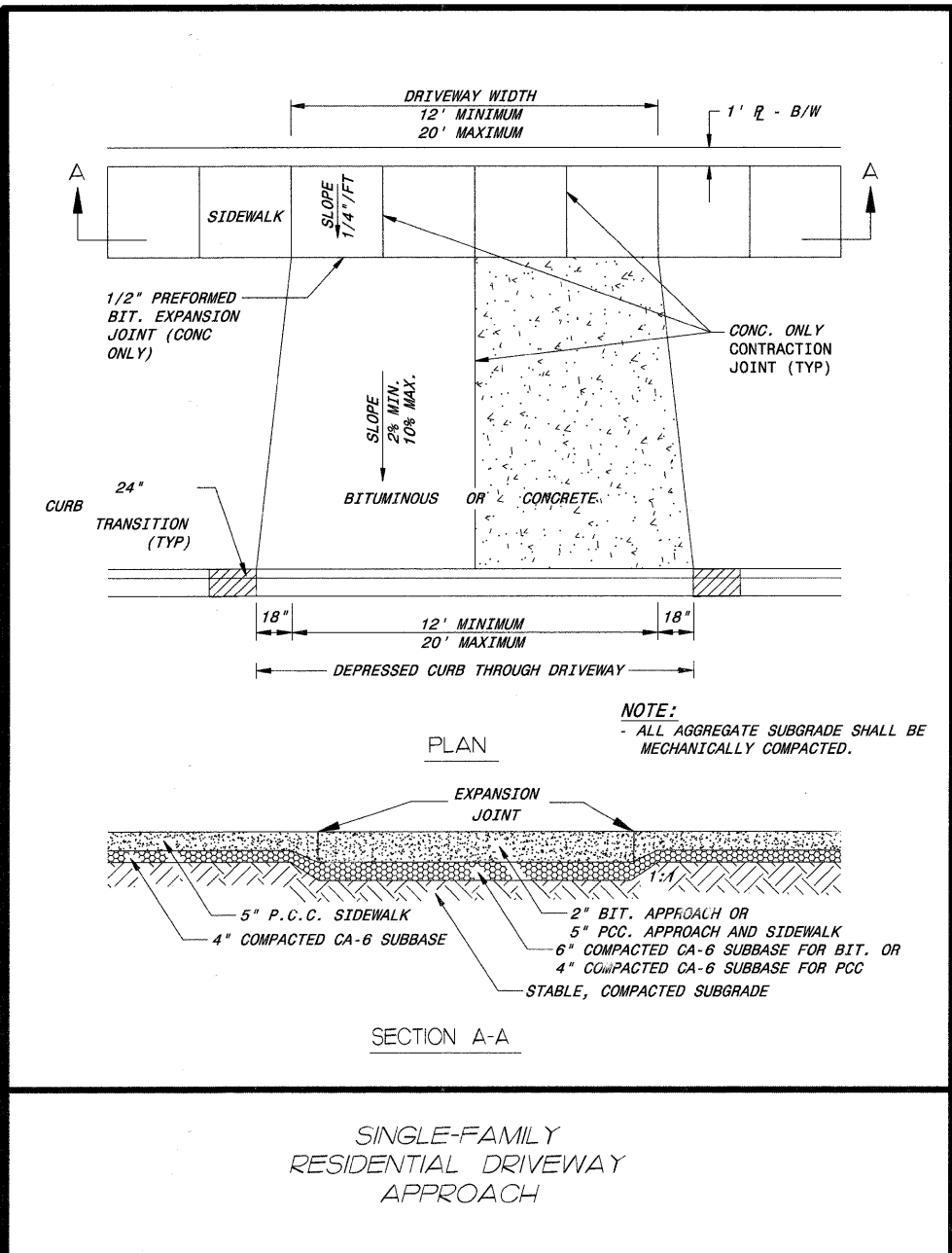
APPROXIMATE LOCATIONS

- STA 107+80 TO STA 108+75 (LT, NORTH AV. INTERSECTION)
- STA 115+00 TO STA 115+22 (LT, MORSE AV. INTERSECTION)
- STA 115+31 TO STA 115+80 (RT)
- STA 119+55 TO STA 119+82 (RT)

* OR AS DIRECTED BY THE ENGINEER



HOT-MIX ASPHALT SURFACE REMOVAL-DRIVEWAY BUTT JOINT DETAIL



COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: J. MELHUSH
CLIENT: VILLAGE OF BARTLETT
DATE PLOTTED: 8/31/2009 4:27:20 PM
FILE NAME: 090196-det-trench.dgn
PLOT DRIVER: pdrcalr
PEN TABLE: standard-trans.tbl



USER NAME = jmelhush	DESIGNED -	REVISED -
FILE NAME = 090196-det-trench.dgn	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 8/31/2009	DATE = 8/3/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS	
NORTH OAK AVENUE	
SCALE:	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	29
CONTRACT NO.			63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				

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

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

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

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE OR GROUND.

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

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BASIS OF PAYMENT:

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: J. MELHUISH
CLIENT: VILLAGE OF BARTLETT
DATE PLOTTED: 03/12/2009 4:21:23 PM
PLOT ENGINEER: per/ah
PEN TABLE: standard-trons.tbl



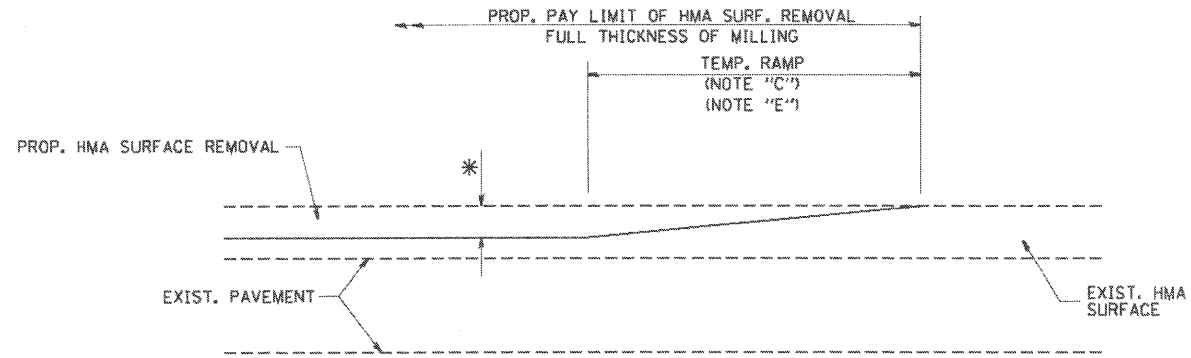
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PLOT SCALE = N.T.S.	CHECKED - IDOT	REVISED - M. GOMEZ 01-22-01
PLOT DATE = 8/31/2009	DATE - 03-11-94	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT

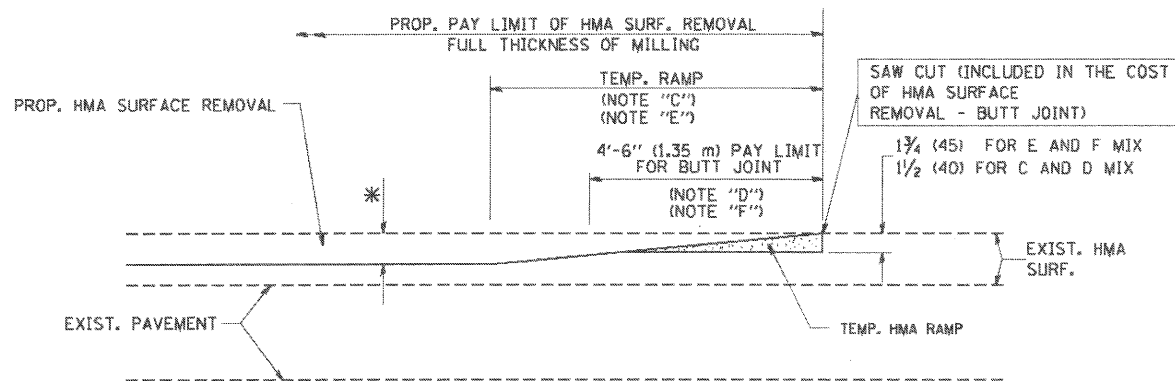
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD600-06 (BD-24)			CONTRACT NO. 63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				



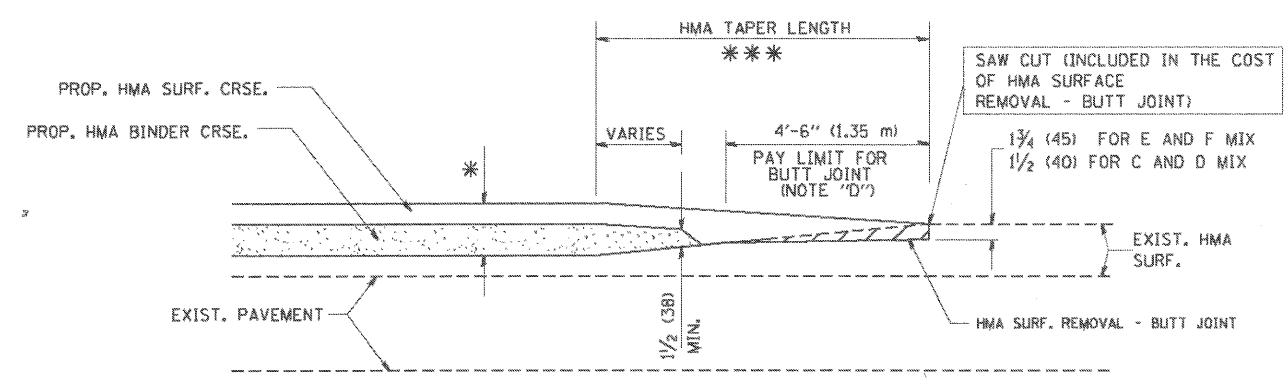
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

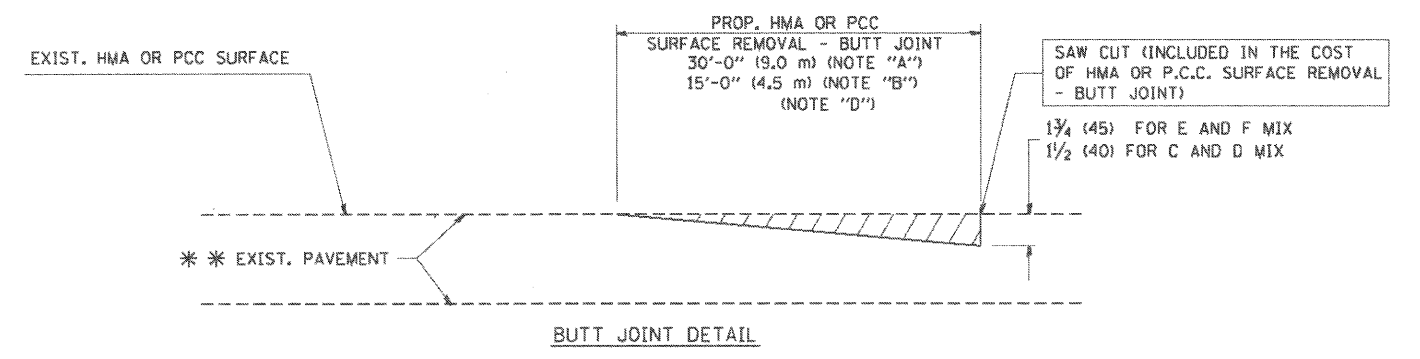


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

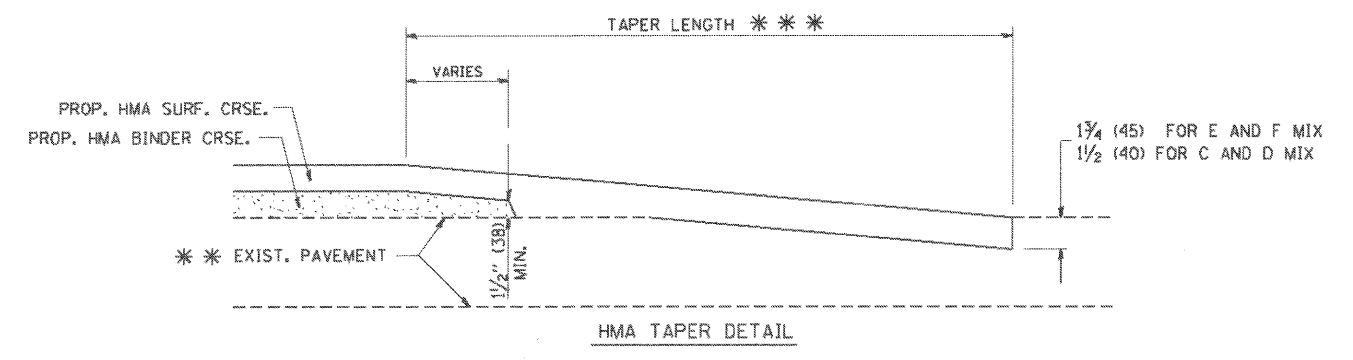
OPTION 2
TYPICAL TEMPORARY RAMP



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



BUTT JOINT DETAIL



HMA TAPER DETAIL

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

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 CLIENT ADDRESS: 11000 W. 120th ST
 CITY: BARTLETT, IL 60010
 PLOT DRIVER: PERLETT
 PEN TABLE: STANDARD-TCONS.TBL

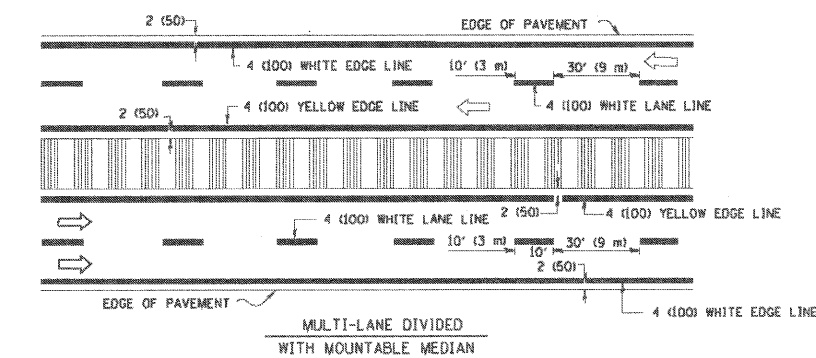
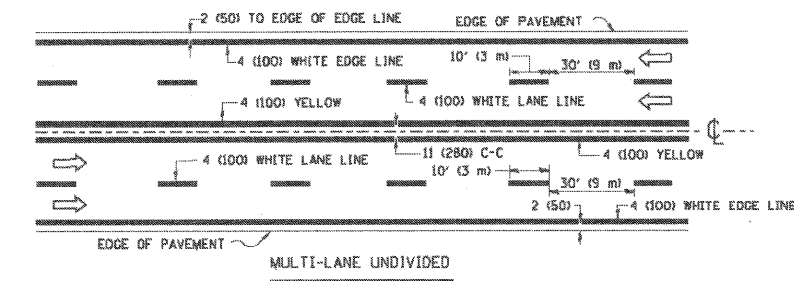
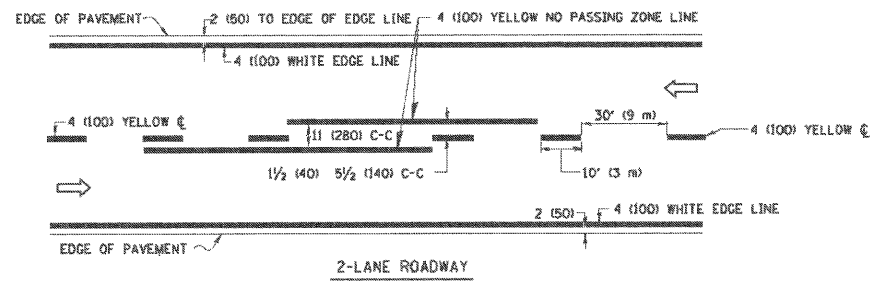


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

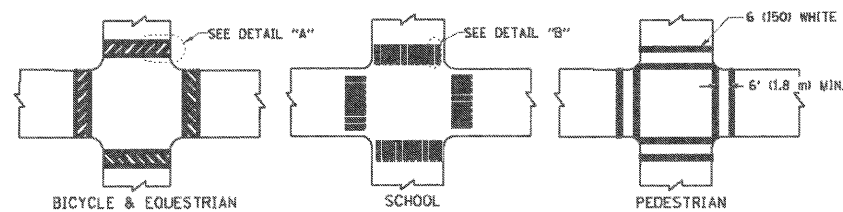
BUTT JOINT AND HMA TAPER DETAILS			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	31
BD400-05 BD32			CONTRACT NO. 63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				

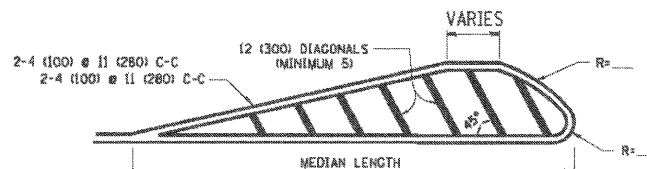
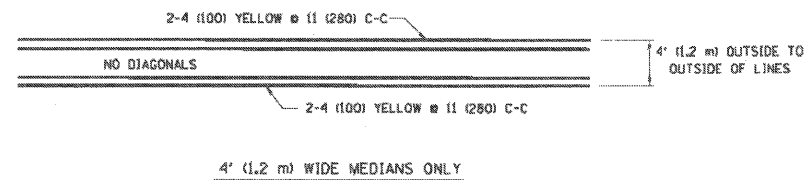


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING

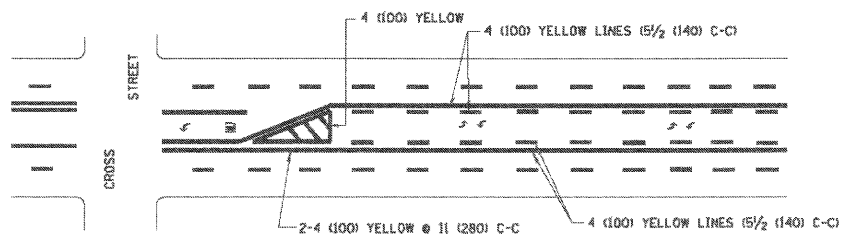


TYPICAL CROSSWALK MARKING

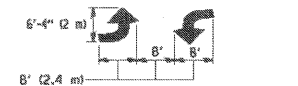


FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (23 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (46 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

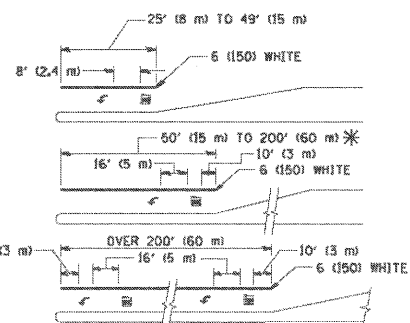


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

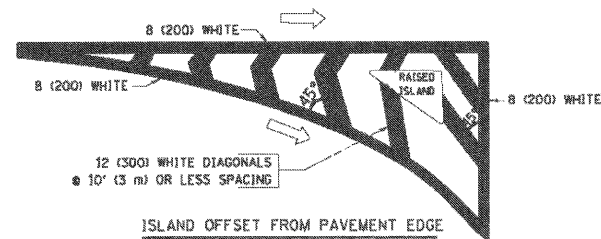


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 1/4 AREA = 15.6 SQ. FT. (1.5 m²) 1/2 AREA = 20.8 SQ. FT. (1.9 m²)

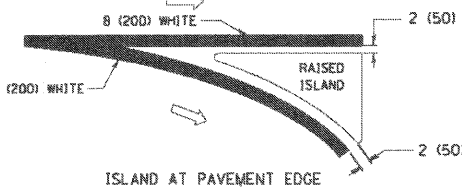
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS 18" (460mm)	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS @ 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 8' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (23 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (46 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

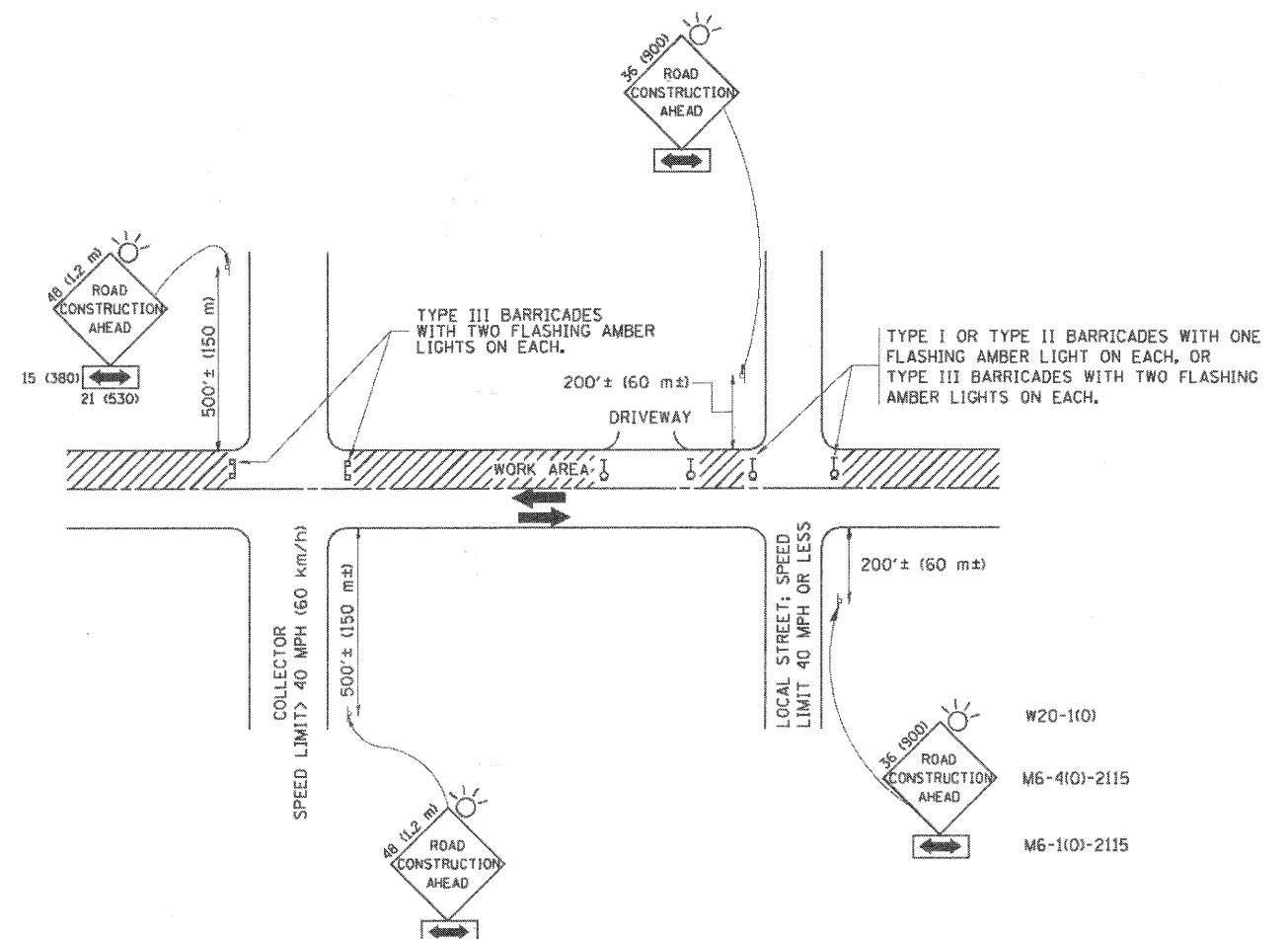
SEC GROUP, INC.
 COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELISSA
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:27 PM
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 PLOT DRIVER: pdfLdt
 PEN TABLE: s:\standard-trans.tbl

SEC Group, Inc.
 Engineering
 Surveying
 Planning
 Landscape Architecture
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USER NAME = jmelhuish	DESIGNED - EDORS	REVISED - T. RAMMACHNER 10-27-94
FILE NAME = 090196-det-05.dgn	DRAWN -	REVISED - A. HOUSEH 10-09-96
PLOT SCALE = N.T.S.	CHECKED - IDOT	REVISED - A. HOUSEH 10-17-96
PLOT DATE = 8/31/2009	DATE - 03-19-90	REVISED - T. RAMMACHNER 01-06-00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE				F.A.U. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 32
TYPICAL PAVEMENT MARKINGS				TC-13		CONTRACT NO. 63274		
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT ARA-9003 (345)				



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- 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:
 - 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.
 - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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. T01501, STD. T01606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

SEC GROUP, INC.
 COMPANY NAME:
 J. MICHAEL BARTLETT
 CLIENT:
 8/31/2009 4:27:29 PM
 DATE PLOTTED:
 090196-det-06.dgn
 FILE NAME:
 pdf,plt
 PLOT DRIVER:
 standard-trans.tbl
 PEN TABLE:



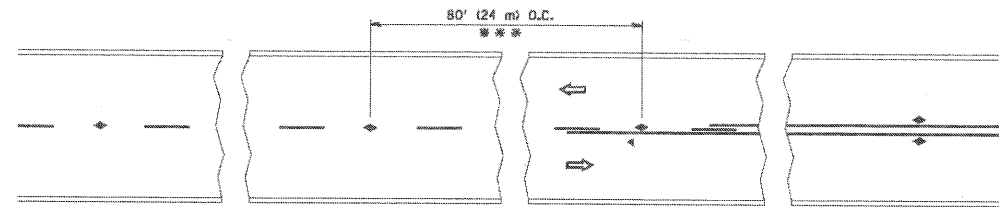
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PLOT SCALE = N.T.S.	CHECKED - IDOT	REVISED - A. HOUSEH 10-16-96
PLOT DATE = 8/31/2009	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

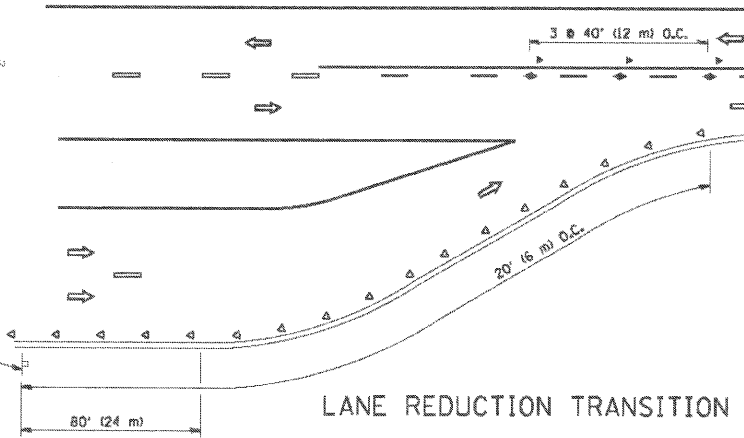
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	33
TC-10			CONTRACT NO. 63274	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT ARA-9003 (345)				

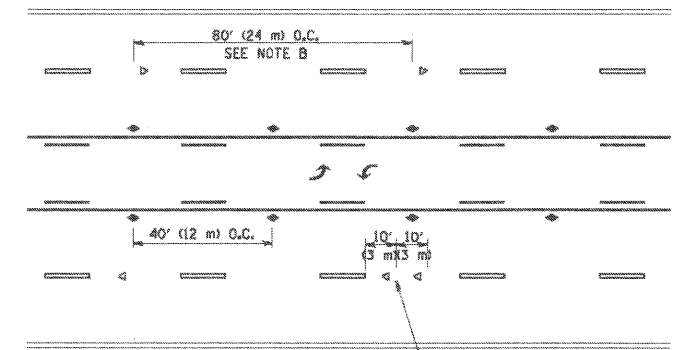


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

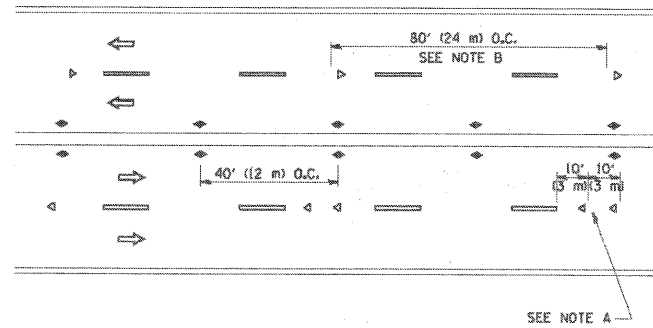
TWO-LANE/TWO-WAY



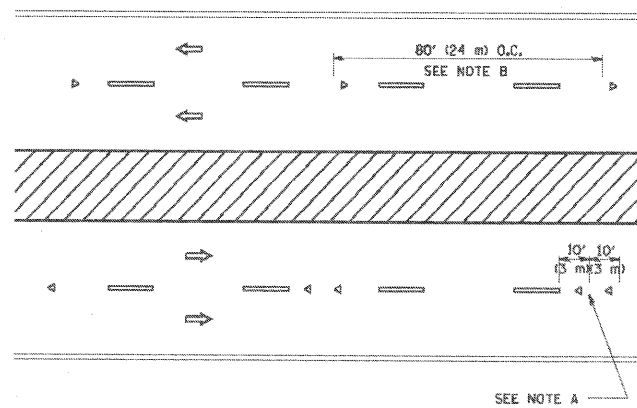
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

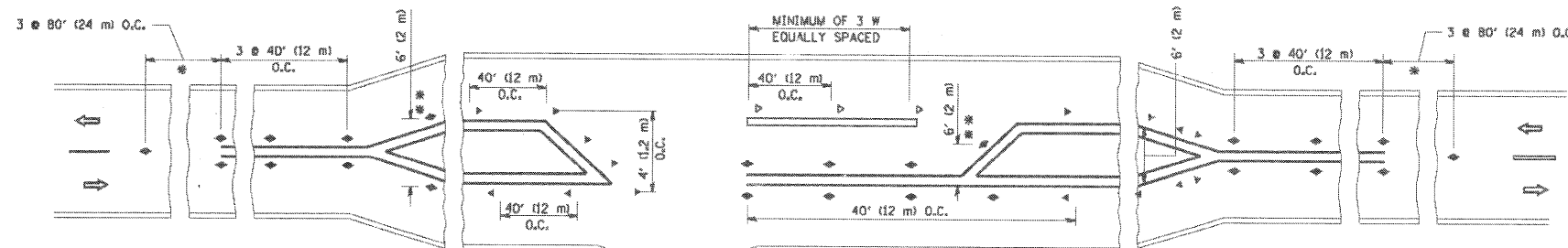
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



LEFT TURN

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:23:31 PM
 FILE NAME: 090196-061-01.dgn
 PLOT DRIVER: pdt.plt
 PLOT TABLE: standard-trans.tbl

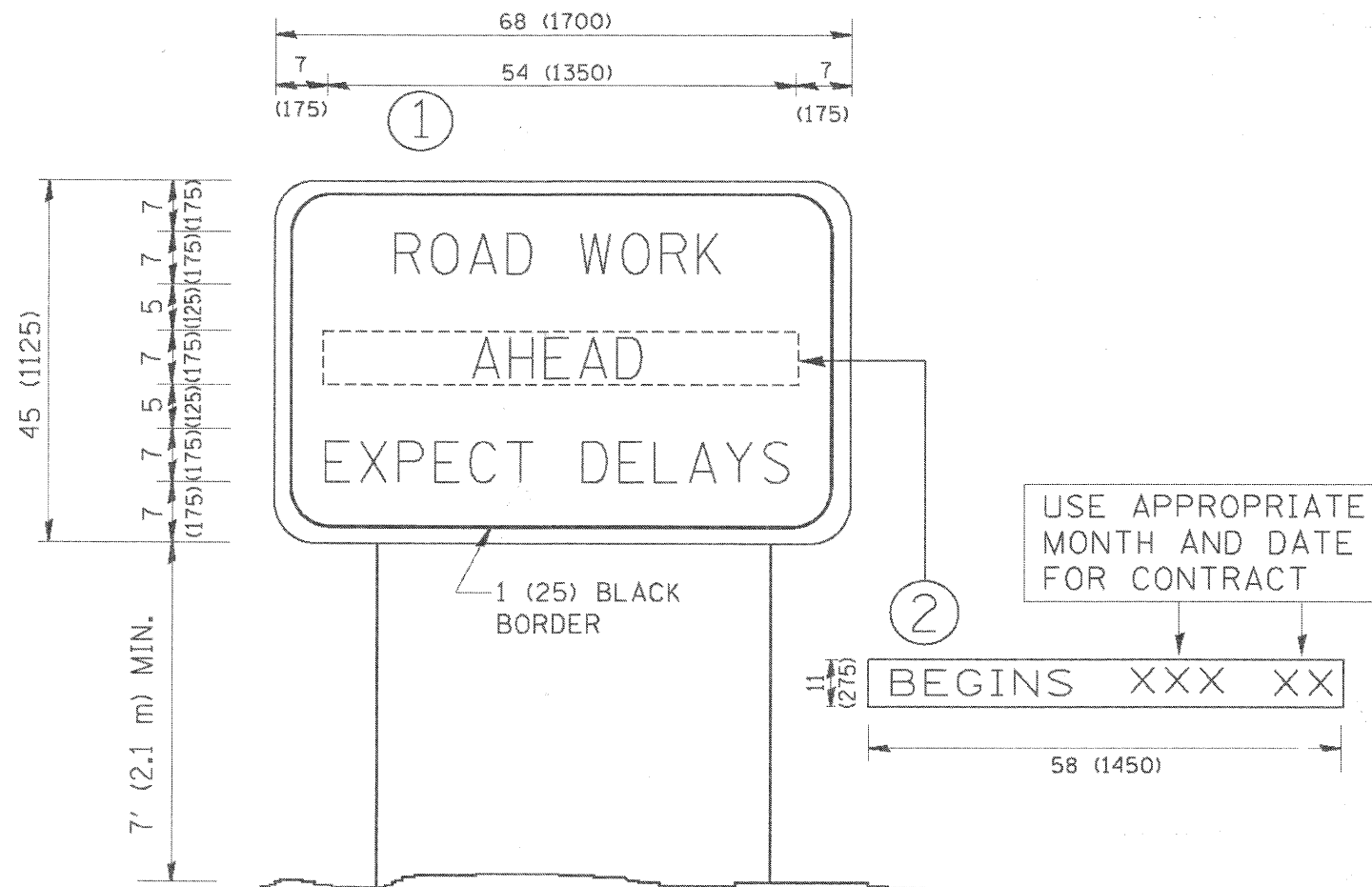


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FILE NAME = 090196-det-07.dgn	DRAWN -	REVISED - T. RAMMACHER 03-12-99
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PLOT DATE = 8/31/2009	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: N.T.S.	SHEET NO. OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	34
TC-11			CONTRACT NO. 63274	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT ARA-9003 (345)		



NOTES:

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:33 PM
 FILE NAME: 090196-det-08.dgn
 PLOT DRIVER: pdt.dpl
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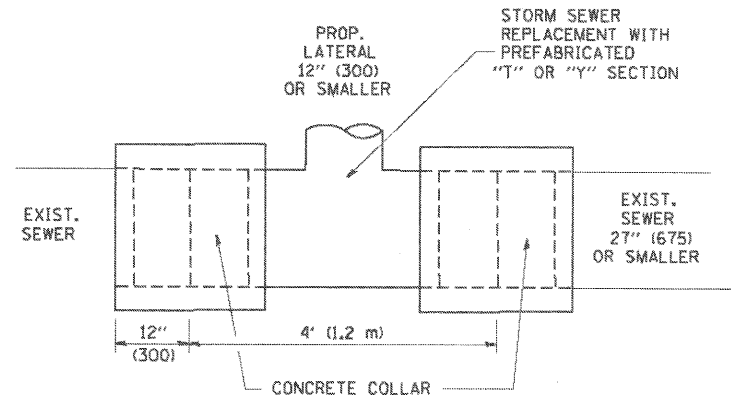
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FILE NAME = 090196-det-08.dgn	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = N.T.S.	CHECKED - IDOT	REVISED - T. RAAMACHER 02-02-99
PLOT DATE = 8/31/2009	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

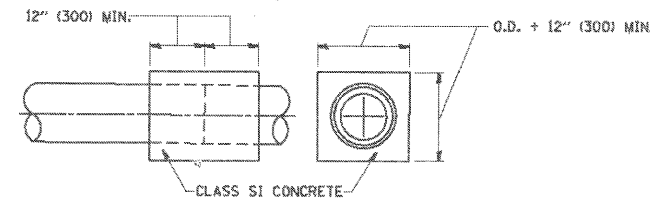
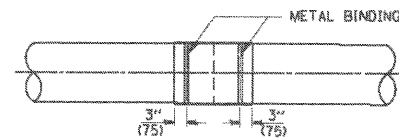
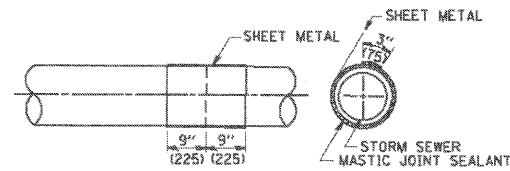
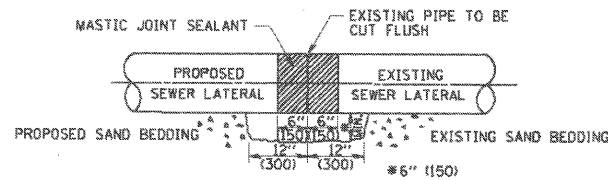
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	35
TC-22		CONTRACT NO.	63274	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT ARA-9003 (345)		



DETAIL "A"

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

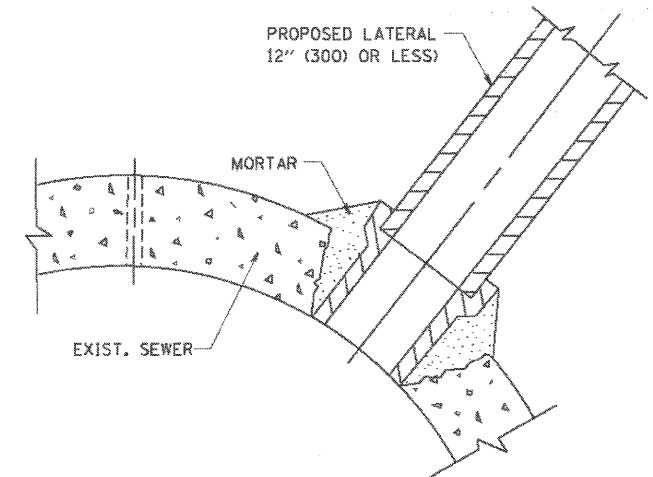


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 L1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

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

NOTES

MATERIAL

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

CONSTRUCTION METHODS

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

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

- PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
- PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

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

GENERAL

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

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

BASIS OF PAYMENT

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

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

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

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:35 PM
 FILE NAME: 090196-det-10.dgn
 PLOT DRIVER: pdf.plt
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SEC Group, Inc.
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USER NAME = jmelhush	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92
FILE NAME = 090196-det-10.dgn	DRAWN -	REVISED - R. SHAH 09-09-94
PLOT SCALE =	CHECKED -	REVISED - R. SHAH 10-25-94
PLOT DATE = 8/31/2009	DATE - 07-25-90	REVISED - R. SHAH 06-12-96

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

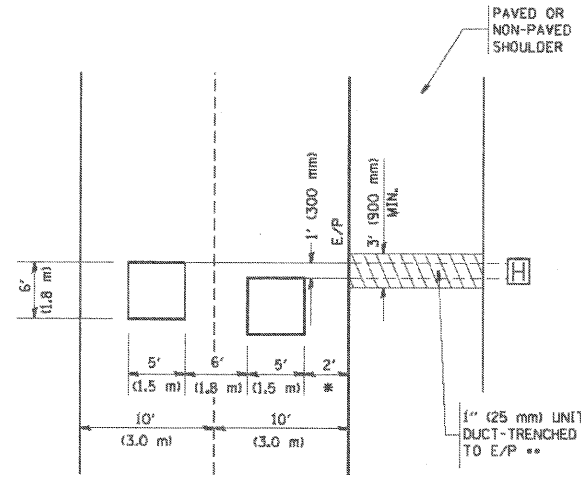
DETAIL OF STORM SEWER
 CONNECTION TO EXISTING SEWER

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	36
BD500-01 (BD-7)		CONTRACT NO. 63274		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT ARA-9003 (345)		

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT
NOTE WHICH SHOULD EQUAL
3' (900 mm) X WIDTH OF
PAVED SHOULDER.

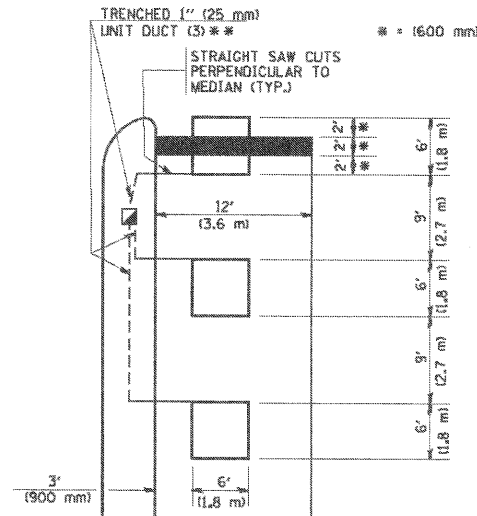


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**

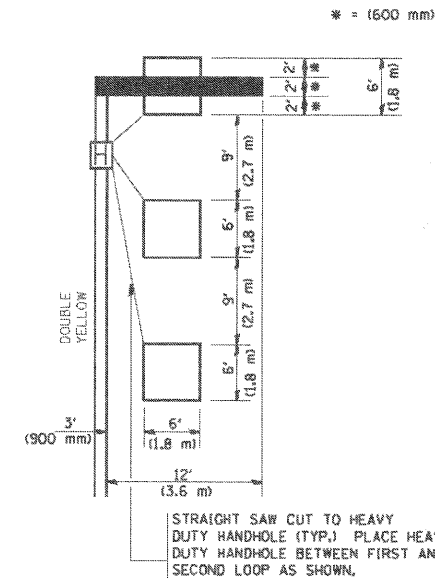
HANDHOLE LOCATION MAY
VARY DEPENDING ON GEOMETRICS
AND DESIGN OF TRAFFIC SIGNALS.
HEAVY-DUTY HANDHOLES TO BE
USED WHEN THE MEDIAN IS
MOUNTABLE. REFER TO STANDARD
814001 TO ENSURE THAT HANDHOLE
FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

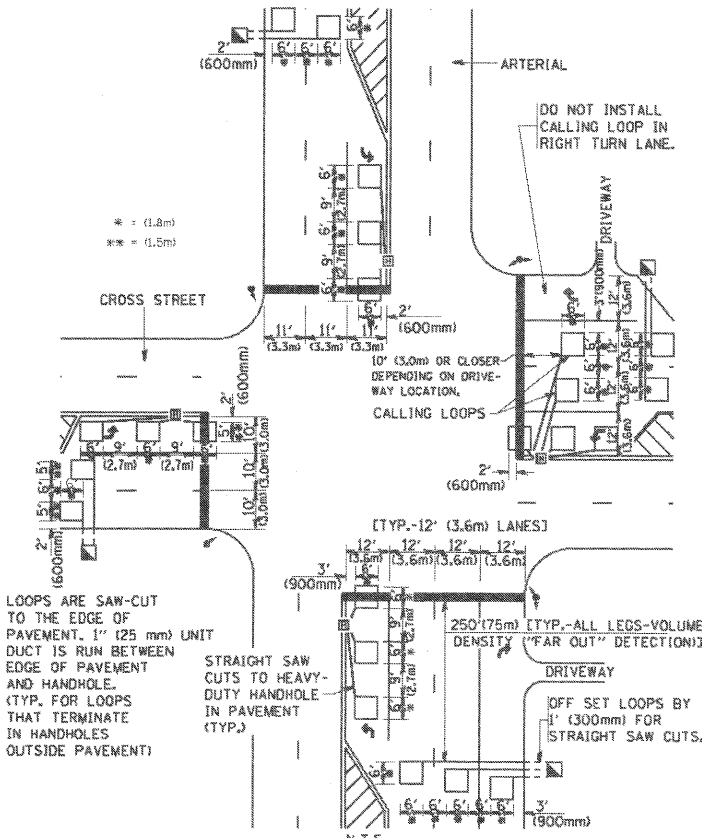
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**



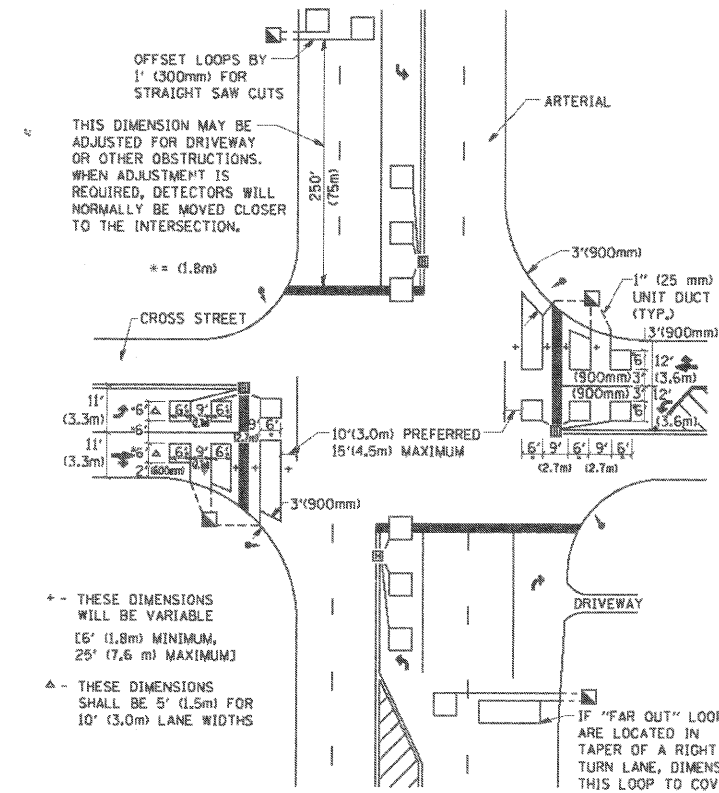
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1
N.T.S.**

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2
N.T.S.**

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSS STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: J. MEHLISH
CLIENT: VILLAGE OF BARTLETT
DATE PLOTTED: 8/31/2009 4:23:37 PM
FILE NAME: 090196-det-11.dgn
PLOT DRIVER: pdfLaf
PEN TABLE: standard-trans.tbl

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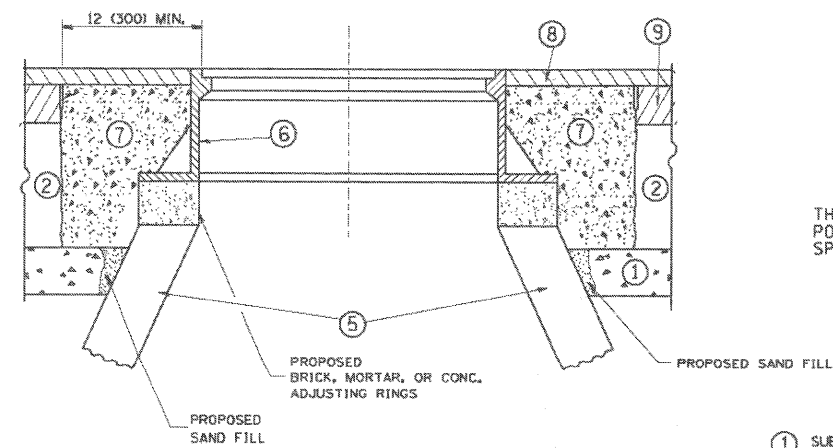
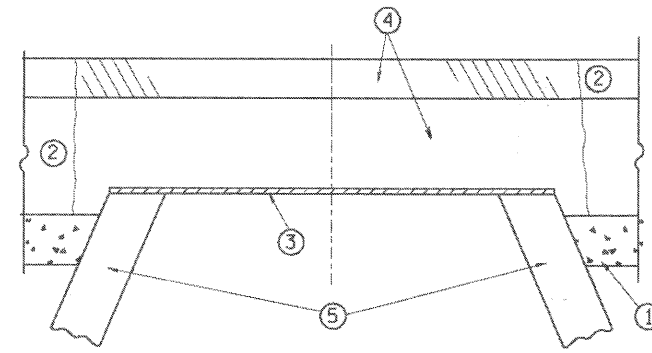
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PLOT SCALE =	CHECKED - R.K.F.	REVISED -
PLOT DATE = 8/31/2009	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	37
TS-07			CONTRACT NO. 63274	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT ARA-9003 (345)		



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS S1 CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS S1 CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

SEC GROUP, INC.
 PROJECT CONTACT: J. MELNICH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:57:40 PM
 FILE NAME: 090196-det-12.dgn
 PLOT DRIVER: pcfplot
 PEN TABLE: standard-trans.tbl

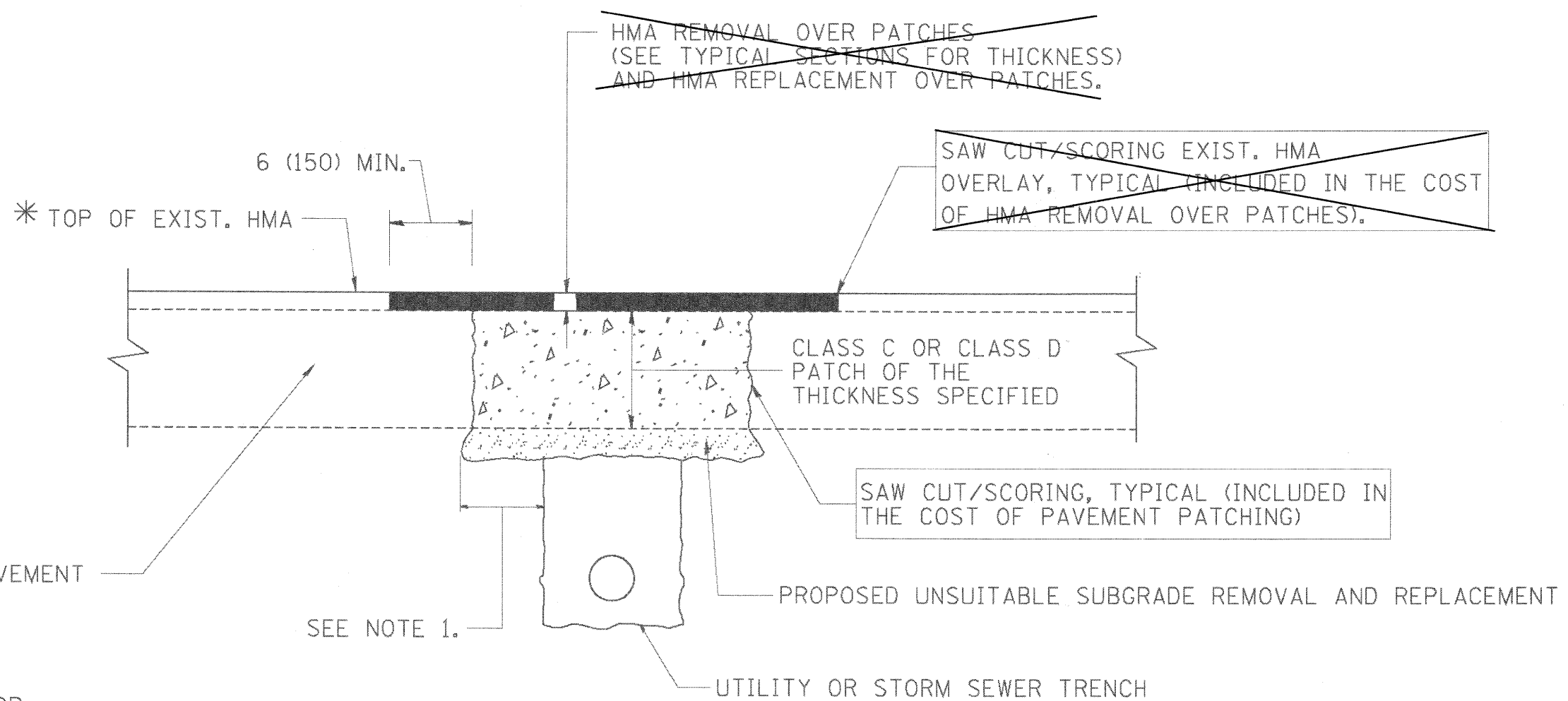
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USER NAME = jmelhusah	DESIGNED - R. SHAH	REVISED - R. SHAH 03-10-95
FILE NAME = 090196-det-12.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE =	CHECKED -	REVISED - R. WIJEDMAN 05-14-04
PLOT DATE = 8/31/2009	DATE - 10-25-94	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	38
BD600-03 (BD-8)			CONTRACT NO. 63274	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT ARA-9003 (345)		



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELRUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:29:42 PM
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 PLOT NUMBER: 090196-001-13.dgn
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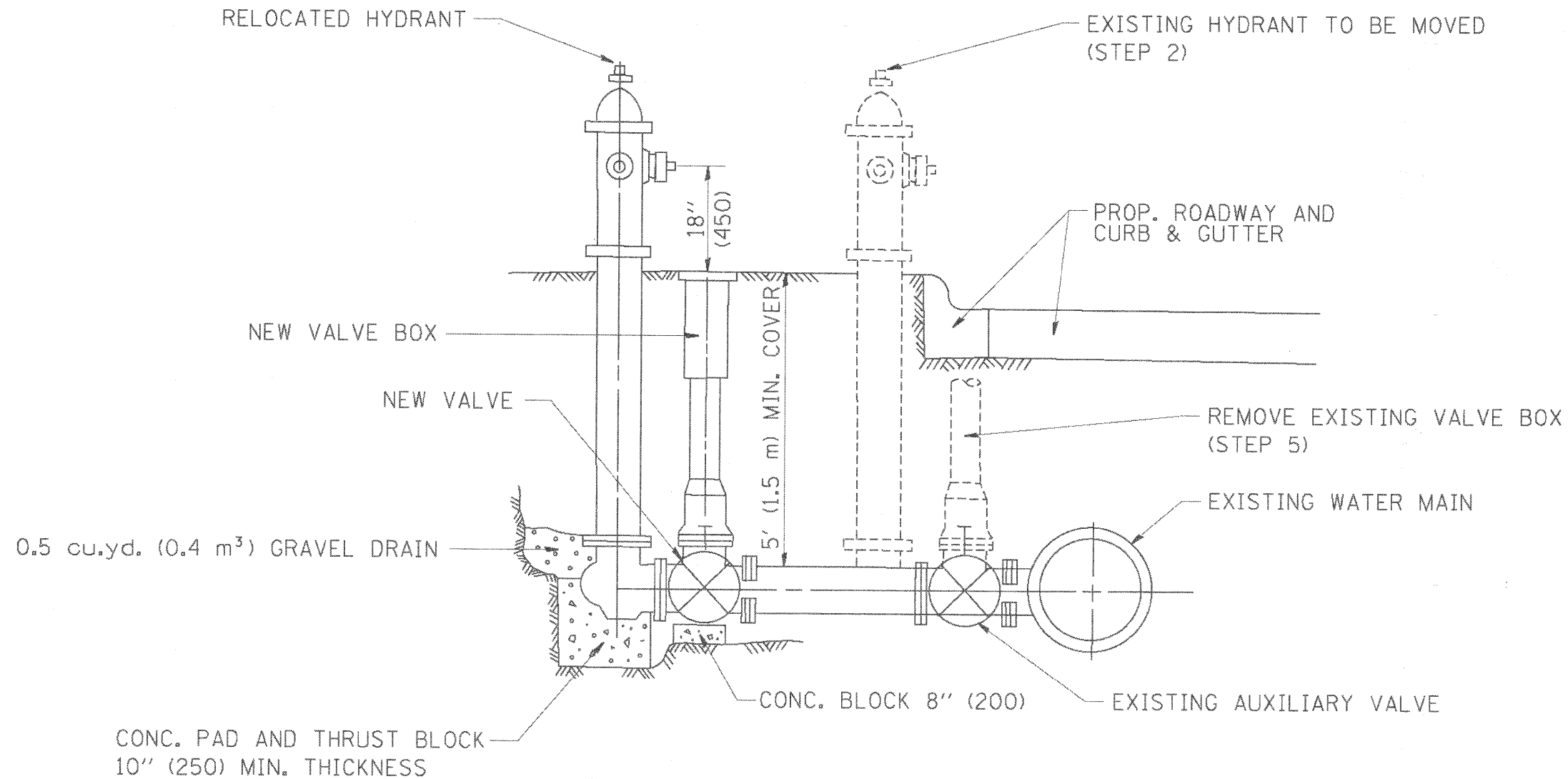


USER NAME = jmelruish	DESIGNED - R. SHAH	REVISED - A. ABBAS 01-20-98
FILE NAME = 090196-det-13.dgn	DRAWN -	REVISED - A. ABBAS 04-27-98
PLOT SCALE =	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 8/31/2009	DATE - 10-25-94	REVISED - R. BORO 09-04-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
 REVISED JRM 08-31-09

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	39
BD400-04 (BD-22)			CONTRACT NO. 63274	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT ARA-9003 (345)				



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELNICHUK
 PROJECT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:44 PM
 FILE NAME: 090196-dst-14.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl

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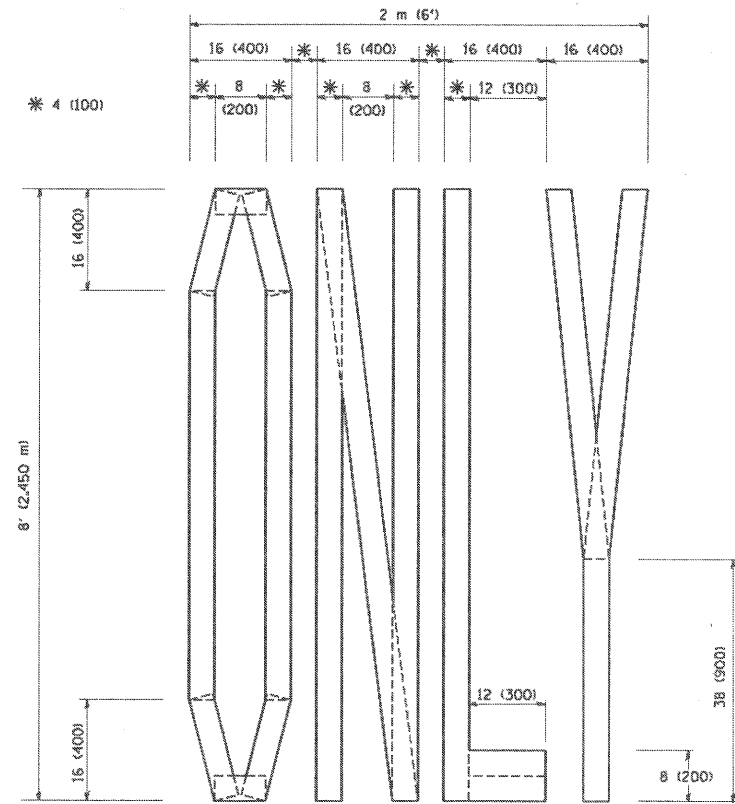
USER NAME = jmelhush	DESIGNED -	REVISED - R. SHAH 09-09-94
FILE NAME = 090196-dst-14.dgn	DRAWN -	REVISED - R. SHAH 10-25-94
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PLOT DATE = 8/31/2009	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

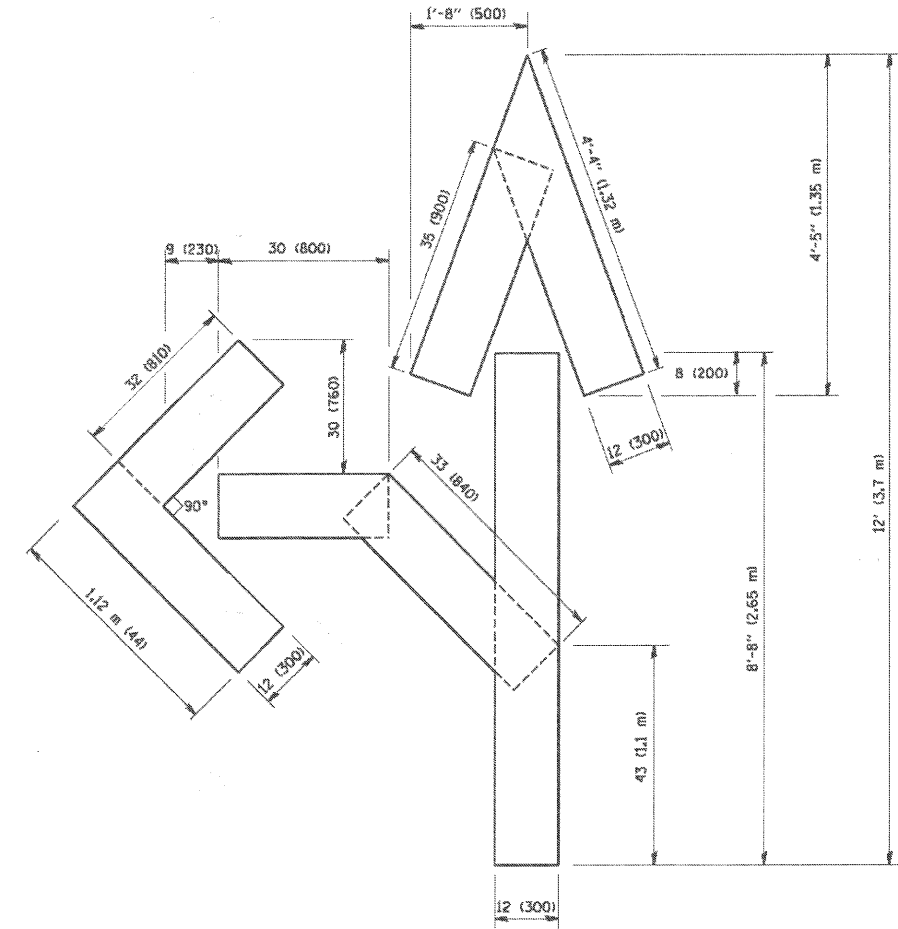
FIRE HYDRANT TO BE MOVED

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

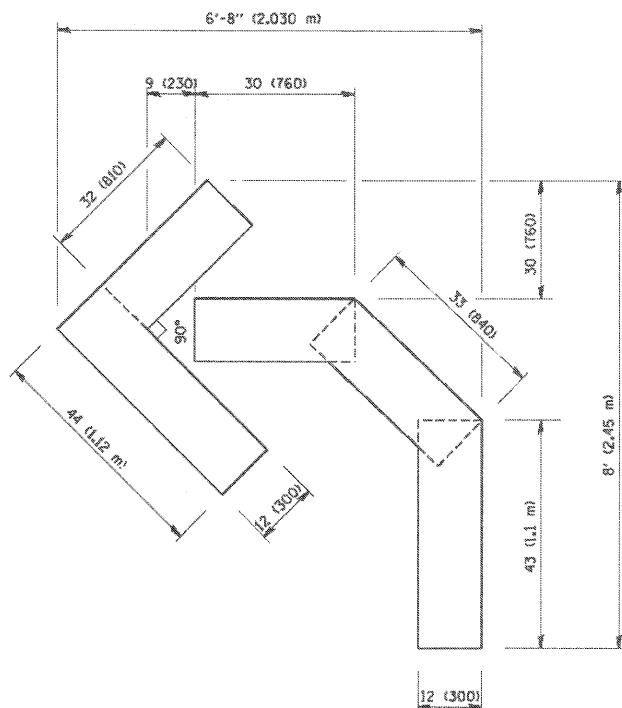
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	40
BD-36			CONTRACT NO. 63274	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT ARA-9003 (345)				



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



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



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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:46 PM
 FILE NAME: 090196-det-15.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



USER NAME = jmelhuish	DESIGNED -	REVISED -T, RAMMACHER 06-06-96
FILE NAME = 090196-det-15.dgn	DRAWN -	REVISED -T, RAMMACHER 11-04-97
PLOT SCALE =	CHECKED -	REVISED -T, RAMMACHER 03-02-98
PLOT DATE = 8/31/2009	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

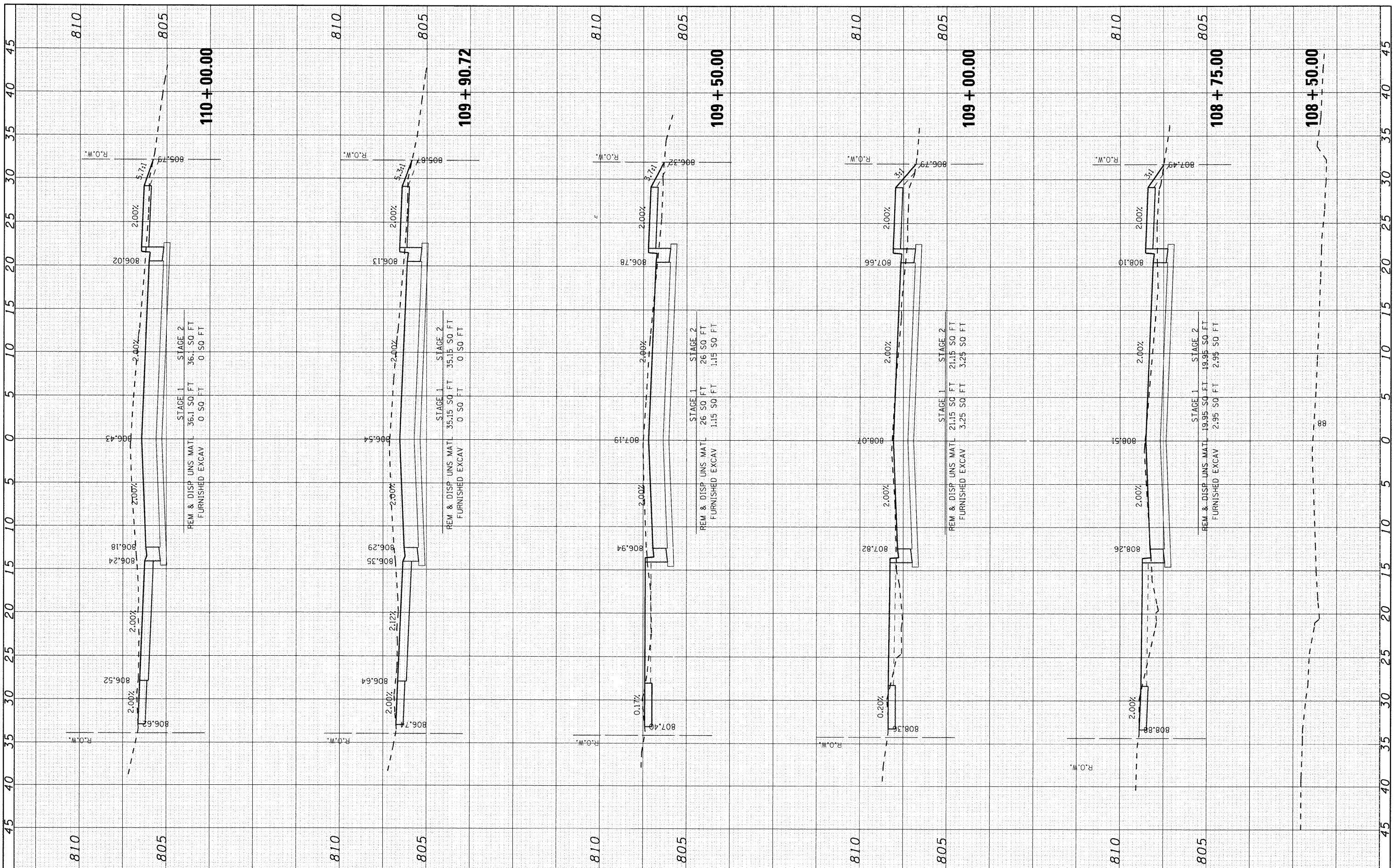
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	41
TC-16			CONTRACT NO.	63274
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT ARA-9003 (345)	

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:49 PM
 FILE NAME: 090106-sec-00k.dgn
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ORIGINAL SURVEY PLOTTED DATE
 NOTE BOOK NO.
 AREAS CHECKED

FINAL SURVEY PLOTTED DATE
 NOTE BOOK NO.
 AREAS CHECKED



USER NAME = jmelhush	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 5'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

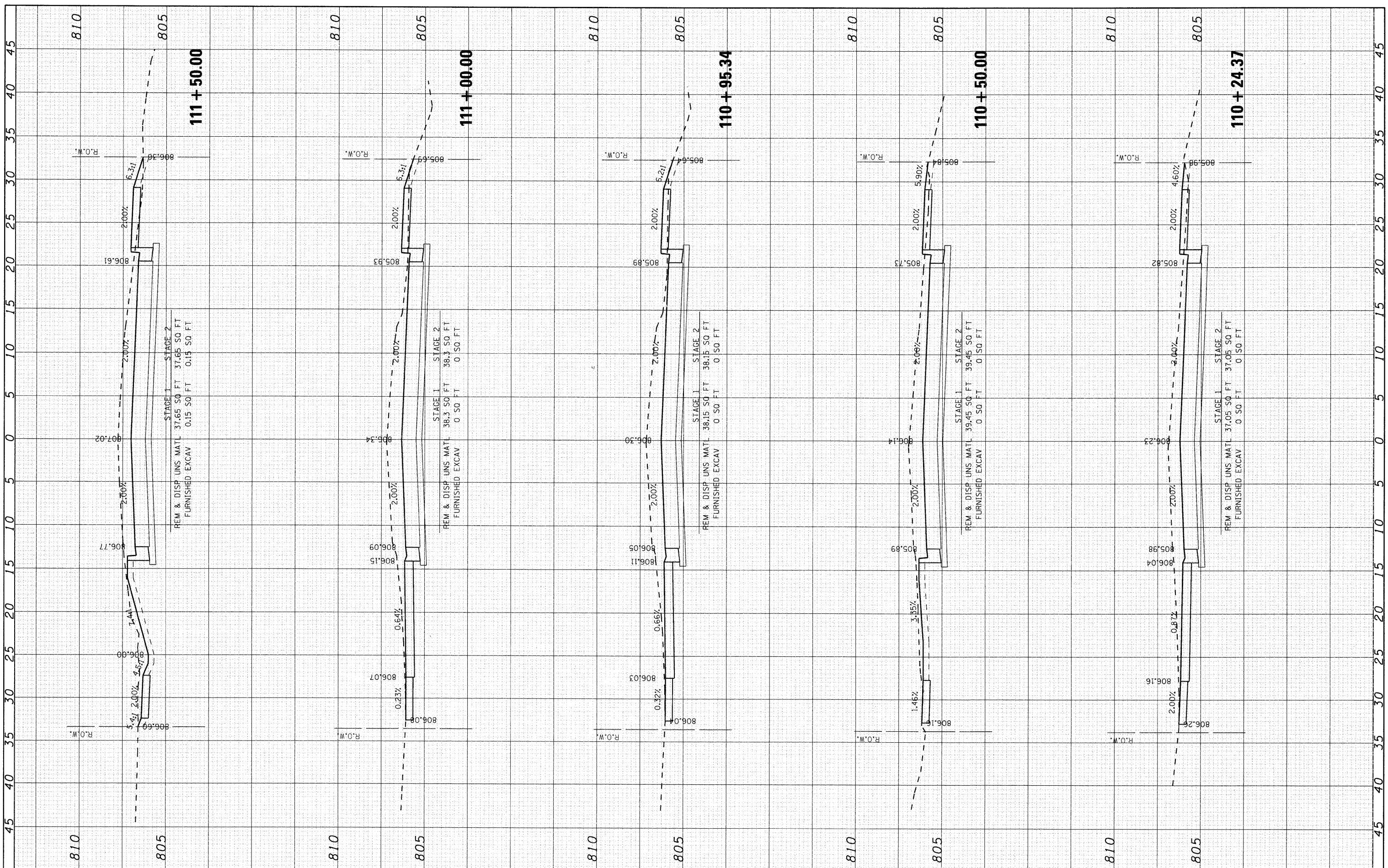
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 NORTH OAK STREET**
 SCALE: 1" = 5' SHEET NO. 1 OF 12 SHEETS STA. 108+50.00 TO STA. 110+00.00

F.A. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 42
CONTRACT NO. 63274			ILLINOIS FED. AID PROJECT ARA-9003 (345)	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELNISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:51 PM
 FILE NAME: 090196-xsc-00k.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



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USER NAME	= jmelnish
DESIGNED	- J. ATTANASEO
REVISD	-
DRAWN	-
REVISD	-
CHECKED	- T. HAMILTON
REVISD	-
DATE	- 8/3/09
REVISD	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTH OAK STREET**

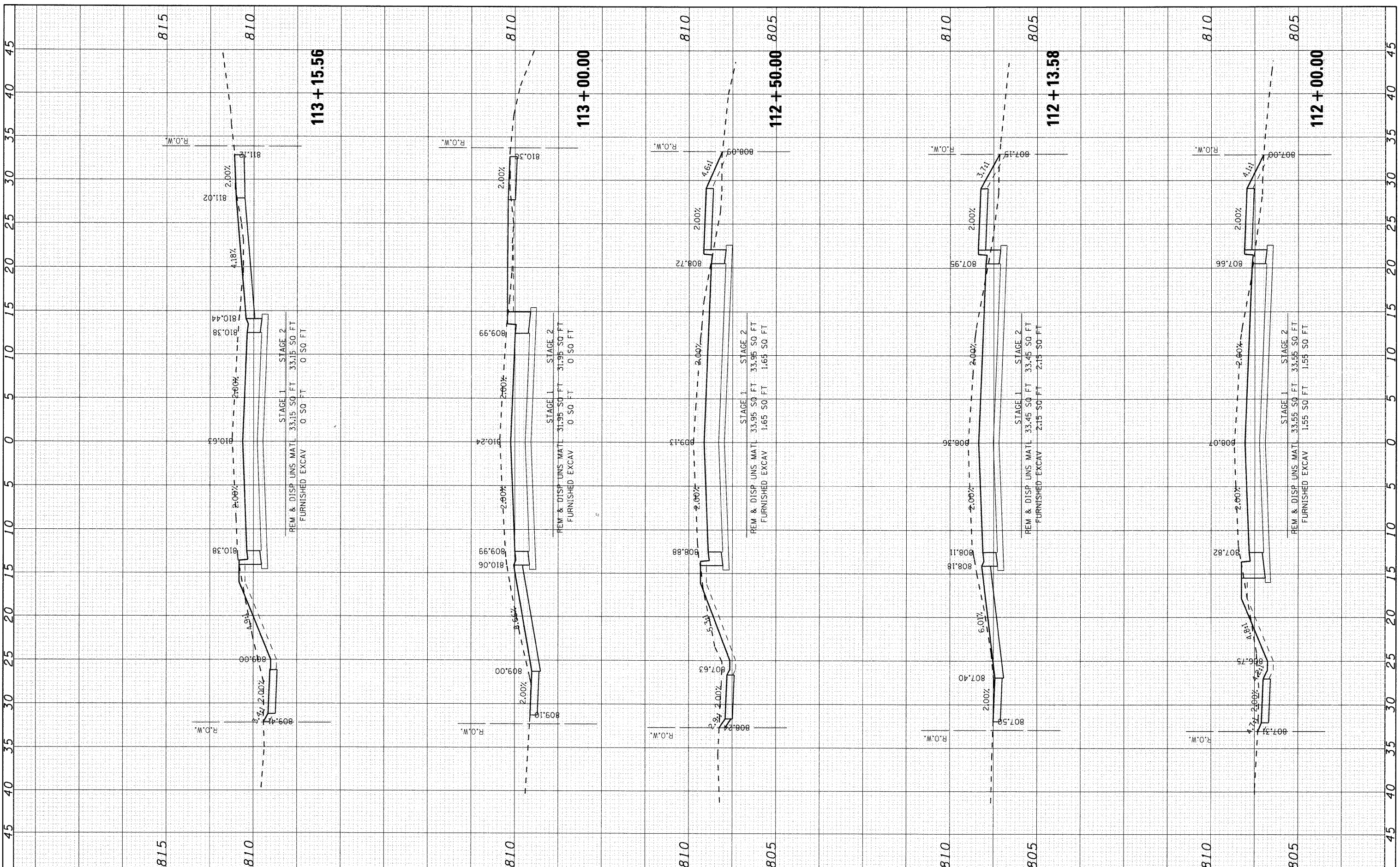
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	43
CONTRACT NO.				63274
ILLINOIS FED. AID PROJECT ARA-9003 (345)				

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:54 PM
 FILE NAME: 090084-xsc-00k.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



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USER NAME = jmelhush	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 5'	DRAWN - T. HAMILTON	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTH OAK STREET**

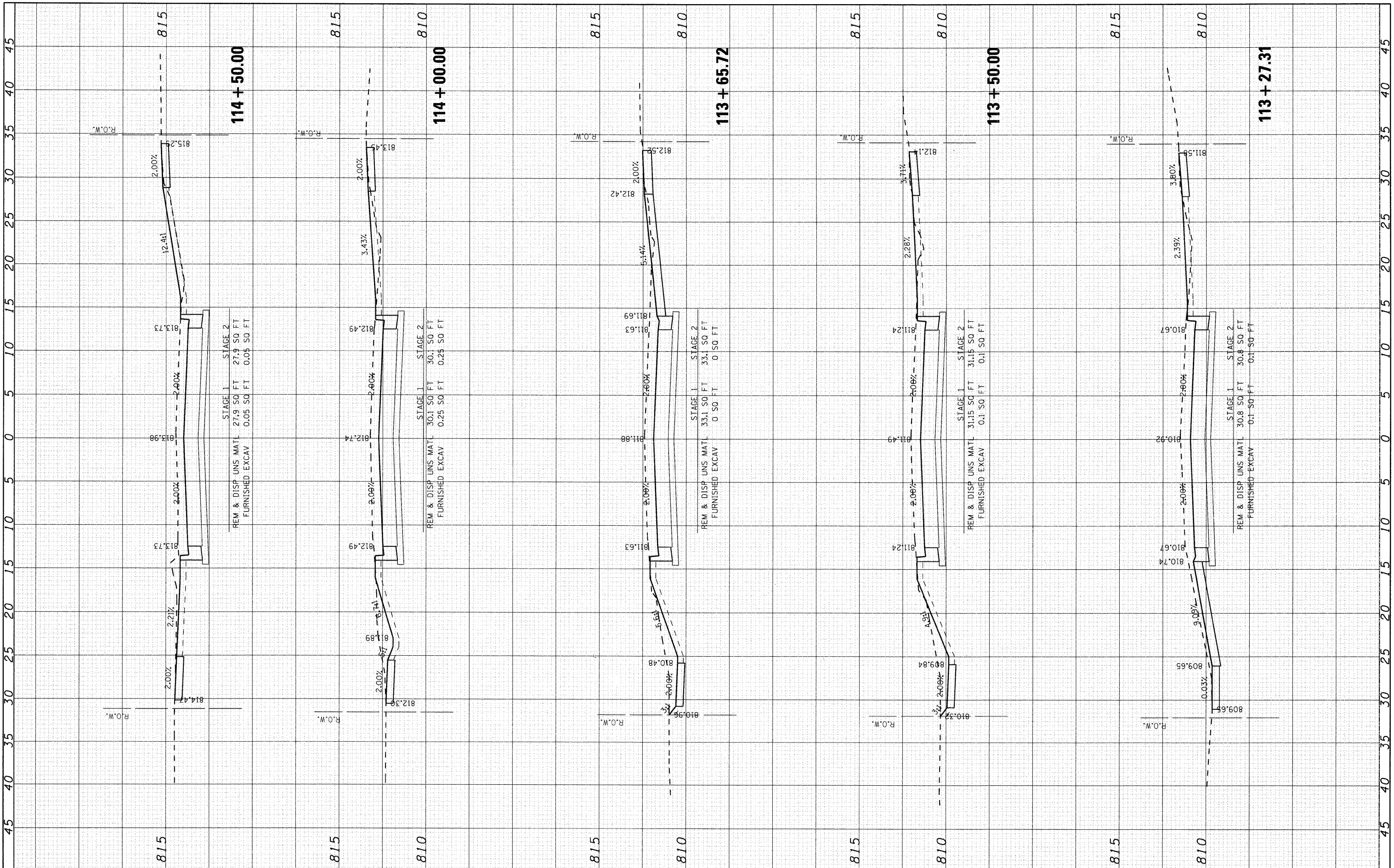
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	44
CONTRACT NO.			63274	
ILLINOIS FED. AID PROJECT ARA-9003 (345)				

FINAL SURVEY	BY	DATE
NOTED		
NO. _____		

ORIGINAL SURVEY	BY	DATE
NOTED		
NO. _____		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. McHAUGH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:56 PM
 FILE NAME: 090196-sec-00k.dgn
 PLOT DRIVER: pdfplot
 PEN TABLE: standard-trans.tbl



USER NAME = jmelhush
 PLOT SCALE = 1" = 5'
 PLOT DATE = 8/31/2009

DESIGNED - J. ATTANASEO	REVISED -
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CHECKED - T. HAMILTON	REVISED -
DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

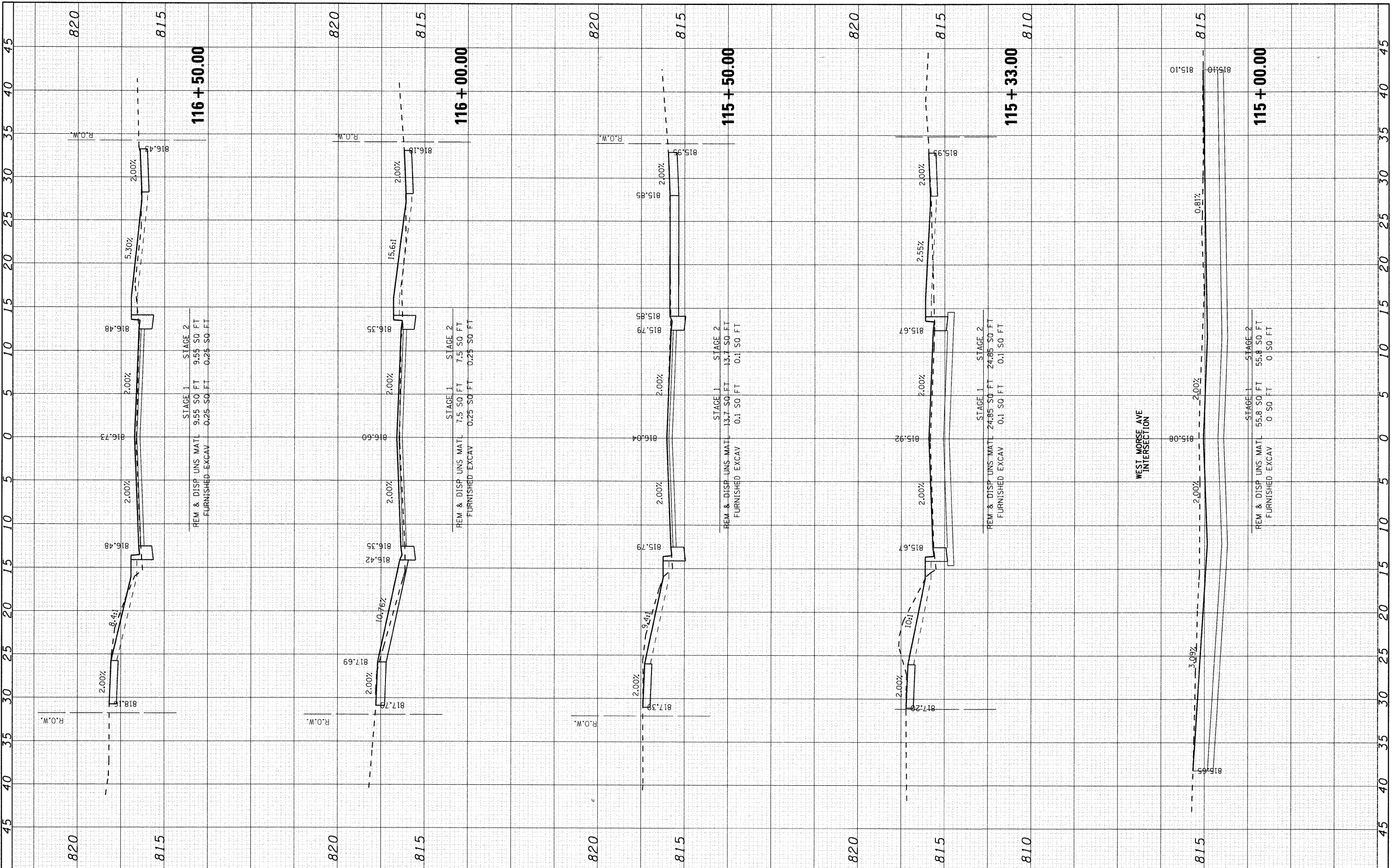
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 NORTH OAK STREET**
 SCALE: 1" = 5' SHEET NO. 4 OF 12 SHEETS STA. 113+27.31 TO STA. 114+50.00

F.A. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 45
CONTRACT NO. 63274			ILLINOIS FED. AID PROJECT ARA-9003 (345)	

FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:27:59 PM
 FILE NAME: 090196-xsc-00k.dgn
 PLOT DRIVER: pdf2dxf
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USER NAME = jmelhuish	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 5'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTH OAK STREET**

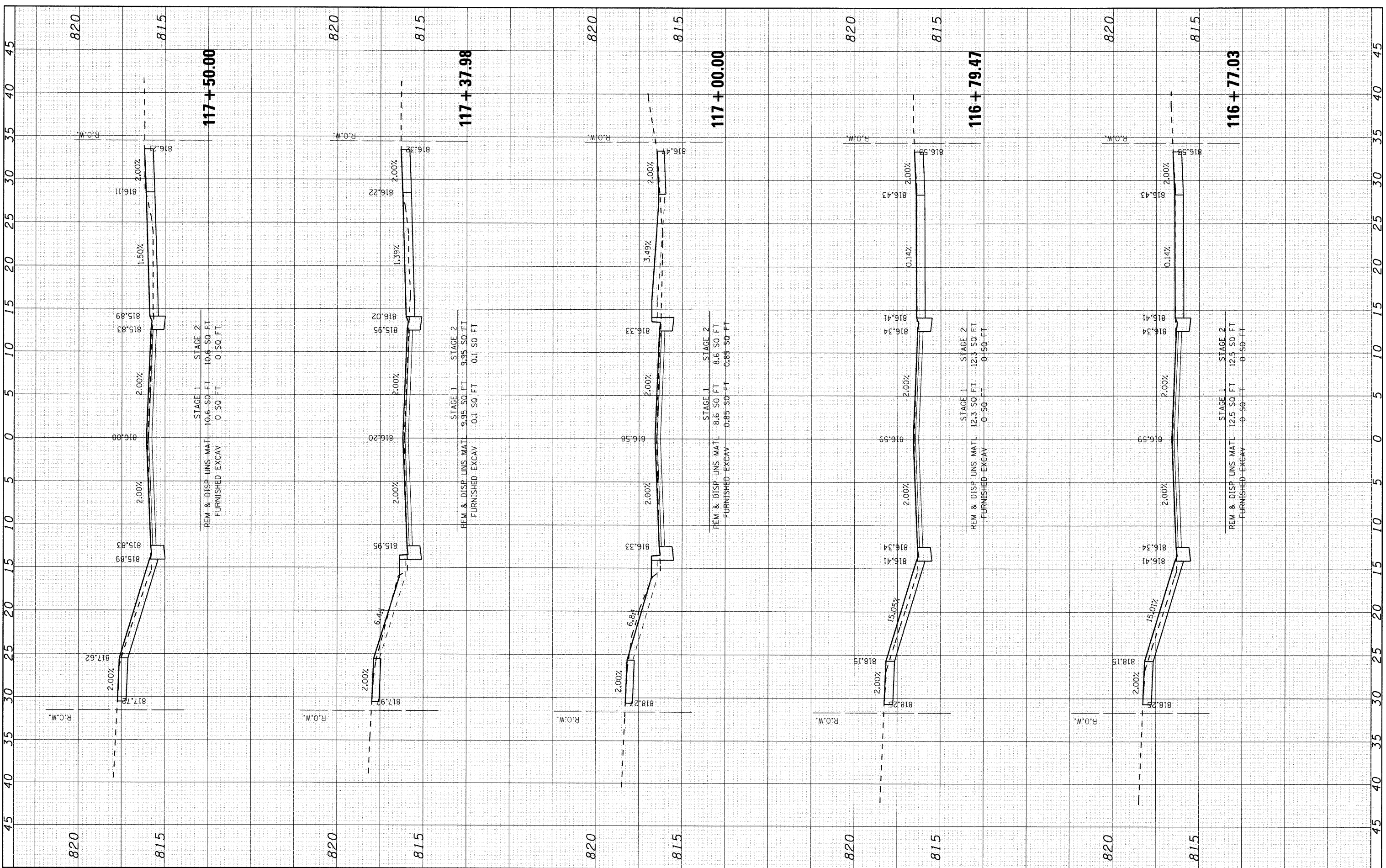
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	46
CONTRACT NO.			63274	
ILLINOIS FED. AID PROJECT ARA-9003 (345)				

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:28:01 PM
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USER NAME = jmelhush	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 5'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTH OAK STREET**

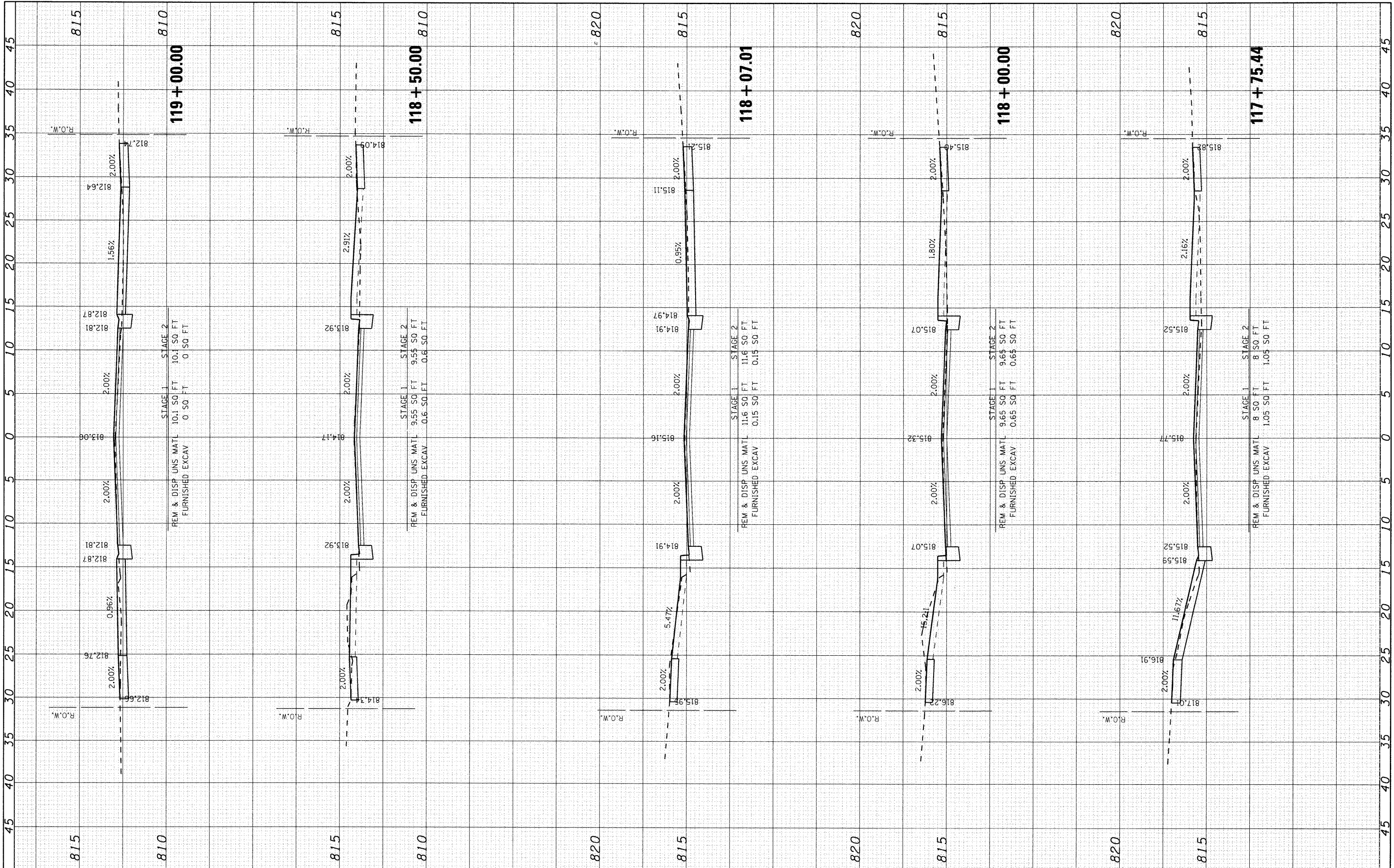
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F.A. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 47
CONTRACT NO. 63274			ILLINOIS FED. AID PROJECT ARA-9003 (345)	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUISH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:26:03 PM
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USER NAME = jmelhuish	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 5'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTH OAK STREET**

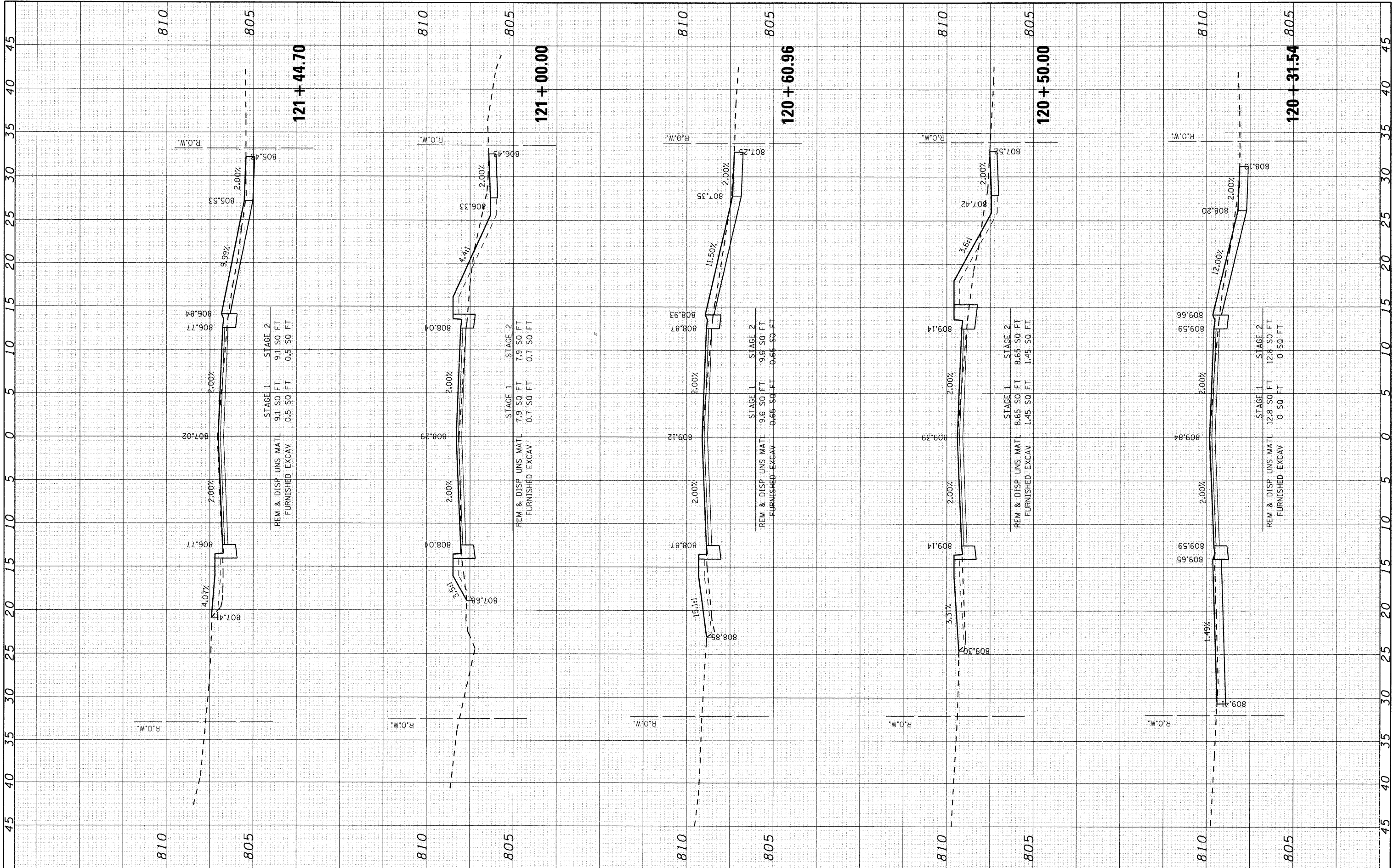
SCALE: 1" = 5' SHEET NO. 7 OF 12 SHEETS STA. 117+75.44 TO STA. 119+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	48
CONTRACT NO.				63274
ILLINOIS FED. AID PROJECT ARA-9003 (345)				

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELIUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:28:08 PM
 FILE NAME: 090196-wsc-oak.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl



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USER NAME = jmelush	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 5'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTH OAK STREET**

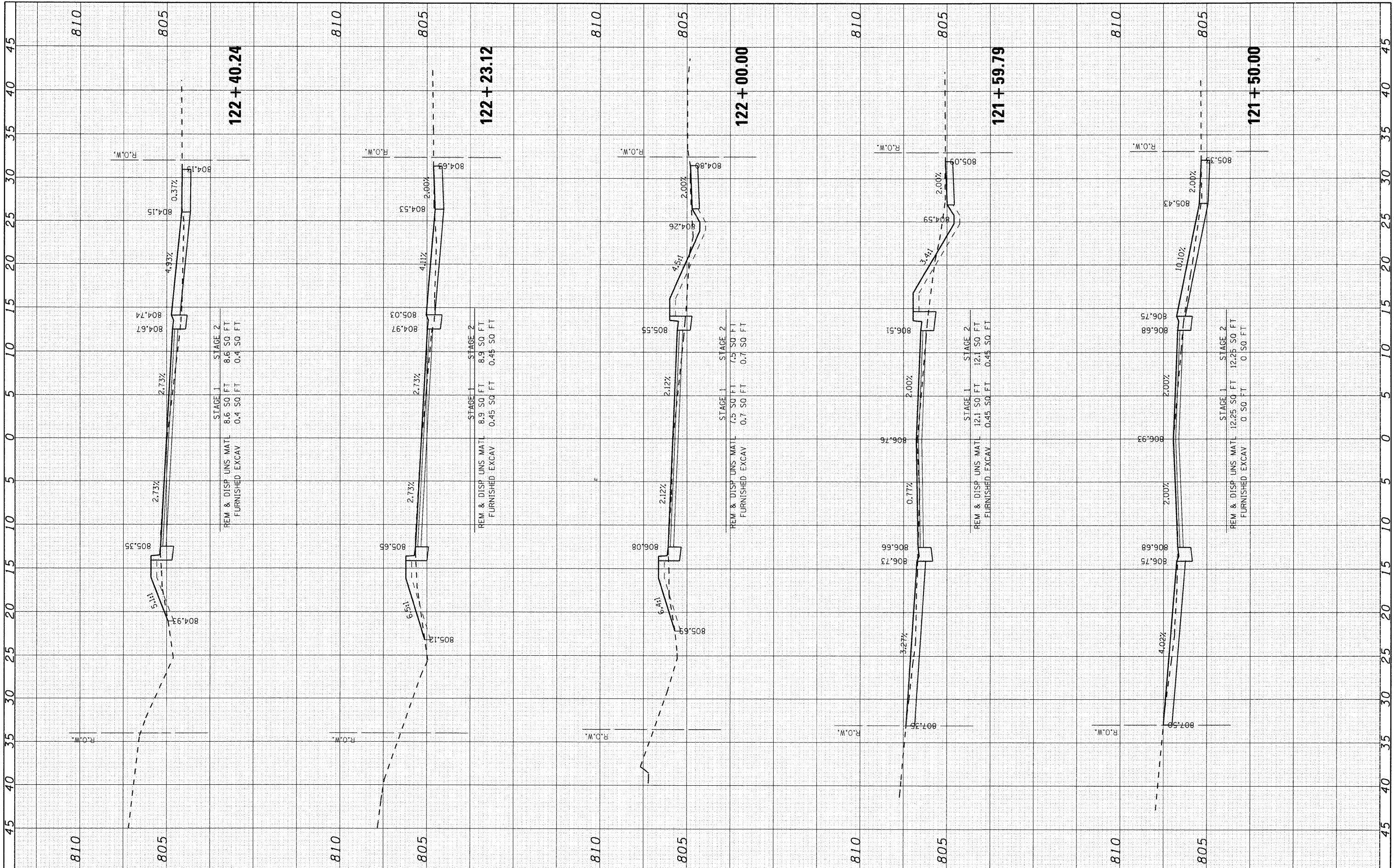
SCALE: 1" = 5' SHEET NO. 9 OF 12 SHEETS STA. 120+31.54 TO STA. 121+44.70

F.A. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 50
CONTRACT NO. 63274			ILLINOIS FED. AID PROJECT ARA-9003 (345)	

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. WELHUSH
 PROJECT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:28:10 PM
 FILE NAME: 090196-xsc-00k.dgn
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 PEN TABLE: standard-trans.tbl



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USER NAME = jwelhush	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 5'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTH OAK STREET**

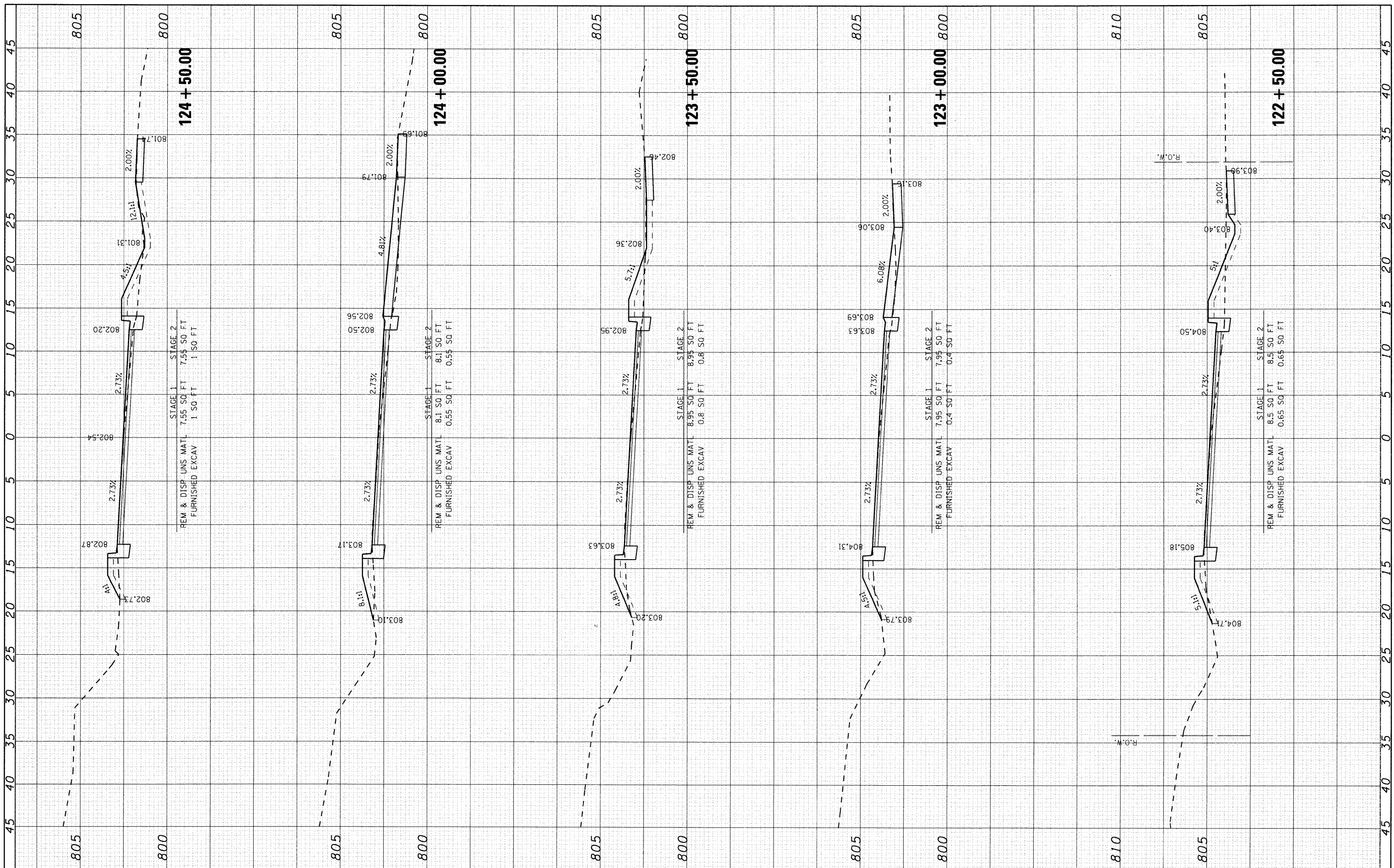
SCALE: 1" = 5' SHEET NO. 10 OF 12 SHEETS STA. 121+50.00 TO STA. 122+40.24

F.A. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 51
CONTRACT NO. 63274				ILLINOIS FED. AID PROJECT ARA-9003 (345)

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELHUSH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:26:13 PM
 FILE NAME: 090196-sec-00k.dgn
 PLOT DRIVER: pdf.plt
 PEN TABLE: standard-trans.tbl



SEC Group, Inc.
 Engineering
 Surveying
 Planning
 Landscape Architecture
 McHenry • Yorkville • New Lenox • Chicago
 www.secgroupinc.com

USER NAME = jmelhush	DESIGNED - J. ATTANASEO	REVISED -
PLOT SCALE = 1" = 5'	DRAWN -	REVISED -
PLOT DATE = 8/31/2009	CHECKED - T. HAMILTON	REVISED -
	DATE - 8/3/09	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTH OAK STREET**

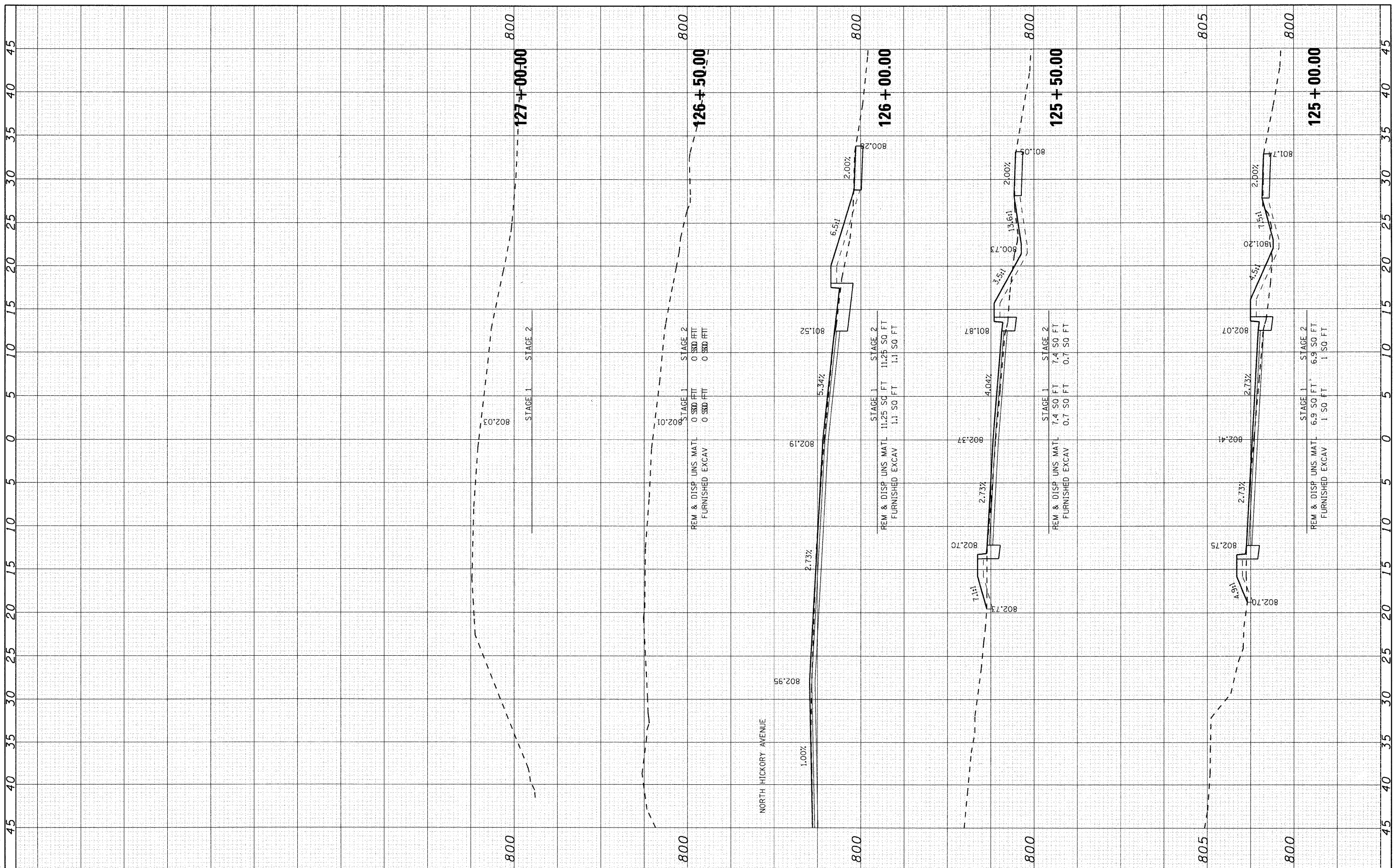
SCALE: 1" = 5' SHEET NO. 11 OF 12 SHEETS STA. 122+50.00 TO STA. 124+50.00

F.A. RTE. 2537	SECTION 09-00084-00-RS	COUNTY COOK	TOTAL SHEETS 53	SHEET NO. 52
CONTRACT NO. 63274				ILLINOIS FED. AID PROJECT ARA-9003 (345)

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

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

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: J. MELUSCH
 CLIENT: VILLAGE OF BARTLETT
 DATE PLOTTED: 8/31/2009 4:28:15 PM
 FILE NAME: 090196-xsc-00k-001
 PLOT DRIVER: pdf-drv
 PEN TABLE: standard-trans.tbl



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USER NAME = jmelusch
 PLOT SCALE = 1" = 5'
 PLOT DATE = 8/31/2009

DESIGNED - J. ATTANASEO	REVISED -
DRAWN -	REVISED -
CHECKED - T. HAMILTON	REVISED -
DATE - 8/3/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
NORTH OAK STREET

SCALE: 1" = 5' SHEET NO. 12 OF 12 SHEETS STA. 125+00.00 TO STA. 127+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2537	09-00084-00-RS	COOK	53	53
CONTRACT NO.			63274	
ILLINOIS FED. AID PROJECT ARA-9003 (345)				