

1	01:00:17:17	01:00:19:02	<i>THE END OF THE 19th CENTURY</i>
2	01:00:19:04	01:00:21:07	<i>AMERICAN CITIES COME OF AGE...</i>
3	01:00:21:09	01:00:23:00	Man: THE REIGNING QUESTION OF THE TIME WAS
4	01:00:23:02	01:00:24:15	"CAN THESE CITIES BE CONTROLLED?"
5	01:00:24:17	01:00:25:19	"ARE THEY OUT OF...
6	01:00:25:21	01:00:27:09	"ARE THEY GROWING IN SUCH A WAY
7	01:00:27:11	01:00:28:20	"THAT THEY'RE CREATING PROBLEMS
8	01:00:28:22	01:00:29:23	THAT'LL BRING DOWN THE COUNTRY?"
9	01:00:29:25	01:00:31:26	<i>CHICAGO, RISING TRIUMPHANT</i>
10	01:00:31:28	01:00:34:08	<i>FROM THE ASHES OF THE GREAT FIRE.</i>
11	01:00:34:10	01:00:35:16	<i>THE CITY OF THE CENTURY.</i>
12	01:00:37:01	01:00:38:09	I MEAN, THEY ARE...
13	01:00:38:11	01:00:40:14	WHAT I SAID BEFORE-- GREAT OPPORTUNITY CENTERS.
14	01:00:40:16	01:00:43:27	BUT WITHIN THE CITIES, THERE'S THIS CHURNING, CONSTANT SOCIAL PROCESS
15	01:00:43:29	01:00:45:18	THAT NO ONE KNOWS HOW TO CONTROL.
16	01:00:45:20	01:00:48:16	AND THESE ARE PLACES OF TREMENDOUS CREATIVITY
17	01:00:48:18	01:00:51:09	AND TREMENDOUS VOLATILITY AND I THINK THEY REPRESENT
18	01:00:51:11	01:00:53:06	WHAT THE 19th CENTURY WAS ALL ABOUT.
19	01:00:53:08	01:00:56:13	IT WAS A TIME OF CRISIS BUT ALSO OPPORTUNITY.
20	01:00:59:13	01:01:02:21	<i>TODAY, ON A BIOGRAPHY OF AMERICA:</i>
21	01:01:11:28	01:01:14:26	[Captioning sponsored by ANNENBERG/CPB]
22	01:01:34:28	01:01:43:10	( festive music playing )
23	01:01:43:12	01:01:44:29	Man: IN THE SUMMER OF 1893
24	01:01:45:01	01:01:48:08	CHICAGO PUT ON ONE OF THE SPECTACLES OF THE CENTURY--
25	01:01:48:10	01:01:50:02	THE WORLD'S COLUMBIAN EXPOSITION.
26	01:01:54:01	01:01:55:26	IT WAS A FAIR TO CELEBRATE, ONE YEAR LATE
27	01:01:55:28	01:01:57:27	THE 400th ANNIVERSARY OF COLUMBUS' DISCOVERY
28	01:01:57:29	01:01:58:28	OF THE NEW WORLD.
29	01:02:01:09	01:02:04:20	AND IT DREW 27 MILLION PEOPLE FROM EVERY PART OF THE GLOBE.
30	01:02:13:03	01:02:15:11	THE FAIR MARKED AMERICA'S EMERGENCE FROM THE CIVIL WAR
31	01:02:15:13	01:02:18:10	AS A REUNIFIED NATION OF UNRIVALED POWER AND PROSPERITY.
32	01:02:18:12	01:02:21:00	THE IMPERIAL ARCHITECTURE OF THE EXHIBIT BUILDINGS

33 01:02:21:02 01:02:24:02 AND THEIR IMPRESSIVE DISPLAYS  
 OF NEW SCIENCE AND INVENTION  
 34 01:02:24:04 01:02:26:02 ANNOUNCED THAT  
 THE APPROACHING CENTURY  
 35 01:02:26:04 01:02:28:12 WOULD BE THE AMERICAN CENTURY.  
 36 01:02:28:14 01:02:32:00 BUT IF THIS WAS AMERICA'S FAIR,  
 IT WAS EVEN MORE SO CHICAGO'S--  
 37 01:02:32:02 01:02:33:26 A DECLARATION  
 THAT IT HAD ARRIVED  
 38 01:02:33:28 01:02:36:04 AS A CITY OF GLOBAL CONSEQUENCE.  
 39 01:02:36:06 01:02:38:08 IN 1830, THERE WAS NO CHICAGO.  
 40 01:02:38:10 01:02:42:06 60 YEARS LATER, IT WAS THE  
 SECOND LARGEST CITY IN AMERICA  
 41 01:02:42:08 01:02:45:12 AND AMAZINGLY, IN BETWEEN  
 THESE YEARS, IN 1871  
 42 01:02:45:14 01:02:47:28 IT WAS ALMOST TOTALLY DESTROYED  
 BY A COLOSSAL FIRESTORM.  
 43 01:02:50:19 01:02:53:18 TO MAKE THE FAIR  
 TRULY SPECTACULAR  
 44 01:02:53:20 01:02:55:10 CHICAGO'S MASTER BUILDER,  
 DANIEL BURNHAM  
 45 01:02:55:12 01:02:57:24 CONSTRUCTED A MINIATURE CITY  
 OF GLEAMING WHITE BUILDINGS  
 46 01:02:57:26 01:03:00:09 ON FORMER SWAMP LAND  
 ALONG LAKE MICHIGAN.  
 47 01:03:00:11 01:03:02:14 THE BUILDINGS LOOKED LIKE  
 THOSE OF ANCIENT ROME  
 48 01:03:02:16 01:03:04:28 BUT THE WHITE CITY HAD  
 AN ULTRAMODERN INFRASTRUCTURE  
 49 01:03:05:00 01:03:07:06 INCLUDING THE MOST ADVANCED  
 URBAN TRANSIT SYSTEM  
 50 01:03:07:08 01:03:08:14 IN THE WORLD.  
 51 01:03:08:16 01:03:10:12 AND THE GROUNDS WERE  
 MAGNIFICENTLY LANDSCAPED  
 52 01:03:10:14 01:03:12:10 BY FREDERICK LAW OLMSTEAD  
 53 01:03:12:12 01:03:14:02 DESIGNER OF NEW YORK'S  
 CENTRAL PARK.  
 54 01:03:17:14 01:03:19:16 IT WAS TO BE A VISION  
 OF THE URBAN FUTURE  
 55 01:03:19:18 01:03:22:19 BUT MANY CHICAGOANS SAW THEIR  
 OWN CITY OF SMOKE AND STEEL  
 56 01:03:22:21 01:03:25:17 AS A TRUE MODEL  
 OF THE NEW KIND OF METROPOLIS.  
 57 01:03:25:19 01:03:27:02 CHICAGO WAS LOUD AND DIRTY  
 58 01:03:27:04 01:03:29:12 BUT FULL OF ENERGY  
 AND MODERN ADVANCEMENTS  
 59 01:03:29:14 01:03:32:00 AND CHICAGOANS WANTED  
 THE WORLD TO SEE IT.  
 60 01:03:32:02 01:03:34:20 THE 19th CENTURY  
 WAS THE AGE OF CITIES.  
 61 01:03:34:22 01:03:38:04 IN 1860, ONLY ONE AMERICAN  
 IN SIX LIVED IN A CITY.  
 62 01:03:38:06 01:03:39:26 BY 1900, ONE IN THREE DID.  
 63 01:03:39:28 01:03:41:25 AND NO CITY HAD GROWN FASTER  
 64 01:03:41:27 01:03:45:01 OR WAS MORE REPRESENTATIVE  
 OF THE AGE THAN CHICAGO.

65 01:03:45:03 01:03:46:26 CHICAGO HAD WON THE RIGHT  
TO HOLD THE FAIR

66 01:03:46:28 01:03:48:16 IN A BITTER COMPETITION  
WITH NEW YORK

67 01:03:48:18 01:03:50:07 THAT WAS DECIDED IN CONGRESS.

68 01:03:50:09 01:03:53:12 THE WINDY CITY'S LOBBYISTS  
CONVINCED CONGRESS THAT CHICAGO

69 01:03:53:14 01:03:56:06 SHOULD BE AWARDED THE FAIR  
BECAUSE IT, NOT NEW YORK

70 01:03:56:08 01:03:59:03 WAS THE MOST AMERICAN OF  
THE COUNTRY'S LARGEST CITIES.

71 01:03:59:05 01:04:01:09 LIKE AMERICA ITSELF,  
CHICAGO WAS YOUNG

72 01:04:01:11 01:04:02:27 AND AGGRESSIVELY CONFIDENT--

73 01:04:02:29 01:04:06:05 A PRODUCT OF BOTH FRONTIER  
AND TECHNOLOGICAL EXPANSION.

74 01:04:06:07 01:04:07:23 A PLACE OF HUSTLERS  
AND VISIONARIES

75 01:04:07:25 01:04:10:28 DISDAINFUL OF TRADITION  
AND COMMITTED TO THE FUTURE.

76 01:04:11:00 01:04:13:13 IT WAS A PLACE THAT DID THINGS  
ON A BIG SCALE

77 01:04:13:15 01:04:15:28 RISING BIGGER AND BETTER  
IN A MERE TEN YEARS

78 01:04:16:00 01:04:18:07 FROM THE ASHES OF  
THE GREAT FIRE OF 1871.

79 01:04:21:18 01:04:24:24 CHICAGO WAS THE QUEEN CITY  
OF THE MACHINE AGE.

80 01:04:24:26 01:04:27:21 ITS VAST SLAUGHTERING MILLS  
AND MAIL-ORDER HOUSES

81 01:04:27:23 01:04:30:15 WERE THE INCARNATION OF SPEED  
AND EFFICIENCY.

82 01:04:30:17 01:04:33:04 AND ITS REBUILT DOWNTOWN  
WAS A TECHNOLOGICAL WONDER...

83 01:04:34:28 01:04:37:16 WITH STREETS LIT  
BY ELECTRICITY...

84 01:04:39:27 01:04:41:22 SERVICED BY  
RAPID-RUNNING STREETCARS

85 01:04:41:24 01:04:44:20 AND LINED BY SOLID ROWS  
OF OFFICE SKYSCRAPERS.

86 01:04:48:01 01:04:50:28 NEW YORK BUILT THE WORLD'S FIRST  
SKYSCRAPERS IN THE 1870s

87 01:04:51:00 01:04:53:03 BUT BY THE 1880s,  
CHICAGO HAD MORE OF THEM

88 01:04:53:05 01:04:55:23 AND THEY WERE BUILT  
WITH GREATER TECHNICAL AUDACITY

89 01:04:55:25 01:04:57:15 THAN NEW YORK'S

90 01:04:57:17 01:05:00:18 MAKING CHICAGO  
THE WORLD'S FIRST VERTICAL CITY.

91 01:05:00:20 01:05:03:09 THIS PRAIRIE COLOSSUS WAS  
A FORETASTE OF THE FUTURE

92 01:05:03:11 01:05:04:29 IN ANOTHER WAY.

93 01:05:05:01 01:05:07:23 IN 1893, IT WAS LAID OUT  
LIKE NO OTHER CITY ON EARTH

94 01:05:07:25 01:05:10:24 YET SOON ALL BIG INDUSTRIAL  
CITIES WOULD LOOK LIKE IT.

95 01:05:12:26 01:05:16:15 IT WAS AT THE SAME TIME, A  
VERTICAL AND A HORIZONTAL CITY.  
96 01:05:16:17 01:05:18:18 A CITY OF  
STEEL-FRAME SKYSCRAPERS  
97 01:05:18:20 01:05:21:29 RINGED BY SUBURBS, LINKED  
TO THE DOWNTOWN BY STEEL RAILS.  
98 01:05:24:00 01:05:26:05 THE SKYSCRAPER WAS  
A COMPLETELY AMERICAN  
99 01:05:26:07 01:05:28:09 AND A COMPLETELY  
COMMERCIAL CREATION--  
100 01:05:28:11 01:05:30:08 NO OTHER COUNTRY  
BUILT SKYSCRAPERS  
101 01:05:30:10 01:05:33:00 AND THERE WERE NO SKYSCRAPERS  
THAT WERE NOT OFFICE BUILDINGS.  
102 01:05:35:03 01:05:38:07 CHICAGO'S ARCHITECTURE MIRRORED  
THE CHARACTER OF THE PLACE--  
103 01:05:38:09 01:05:39:26 A CITY BUILT FOR BUSINESS.  
104 01:05:39:28 01:05:42:28 AFTER VISITING CHICAGO, A NEW  
YORK WRITER THOUGHT IT CURIOUS  
105 01:05:43:00 01:05:46:07 THAT THE IMAGE OF THE DOWNTOWN  
THAT REMAINED FIXED IN HIS MIND  
106 01:05:46:09 01:05:48:29 WAS MADE UP EXCLUSIVELY  
OF BUSINESS BUILDINGS.  
107 01:05:49:01 01:05:49:29 AS HE WROTE:  
108 01:05:56:20 01:05:58:11 EVERY AGE BRINGS FORTH CITIES  
109 01:05:58:13 01:06:00:18 THAT EMBODY THE SPIRIT  
OF ITS TIME.  
110 01:06:00:20 01:06:03:03 IN INDUSTRIAL AMERICA--  
THE LAND OF THE DOLLAR--  
111 01:06:03:05 01:06:04:15 IT WAS CHICAGO.  
112 01:06:04:17 01:06:06:08 AS A FRENCH WRITER REMARKED:  
113 01:06:19:07 01:06:21:12 MOST VISITORS WERE UNPREPARED  
FOR CHICAGO  
114 01:06:21:14 01:06:23:09 IT WAS THAT SPECTACULAR  
AND AWFUL.  
115 01:06:24:20 01:06:26:06 STEAMING TOWARD  
THE HEART OF CHICAGO  
116 01:06:26:08 01:06:29:02 IN ONE OF THE COUNTRY'S  
NEW EXPRESS TRAINS  
117 01:06:29:04 01:06:31:19 TOURISTS PASSED THROUGH  
AN INDUSTRIAL AMPHITHEATER  
118 01:06:31:21 01:06:33:14 BIGGER AND BLACKER  
THAN PITTSBURGH--  
119 01:06:33:16 01:06:35:25 ENDLESS REACHES OF FACTORIES  
AND FREIGHT YARDS  
120 01:06:35:27 01:06:37:11 AND SLAG HEAPS AND COAL PILES  
121 01:06:37:13 01:06:39:00 THAT LOOKED LIKE  
SMALL MOUNTAINS.  
122 01:06:39:02 01:06:40:23 AND EVERYWHERE,  
COVERING EVERYTHING  
123 01:06:40:25 01:06:43:14 WERE WIND-DRIVEN CLOUDS  
OF BLACK AND GRAY SMOKE.  
124 01:06:46:15 01:06:49:09 WALKING OUT OF ONE OF CHICAGO'S  
CAVERNOUS TRAIN STATIONS  
125 01:06:49:11 01:06:51:26 STRANGERS ENTERED THE BUSIEST  
AND NOISIEST DOWNTOWN

126 01:06:51:28 01:06:53:16 IN THE WORLD--  
127 01:06:53:18 01:06:55:00 A PLACE THAT 20 YEARS BEFORE  
128 01:06:55:02 01:06:58:03 WAS A CEMETERY OF FALLEN,  
FIRE-SCORCHED BUILDINGS.  
129 01:06:58:05 01:07:01:07 VISITORS WERE OVERWHELMED  
BY THE VELOCITY OF CHICAGO  
130 01:07:01:09 01:07:03:15 BECAUSE SO MUCH OF  
ITS COMMERCIAL ENERGY  
131 01:07:03:17 01:07:06:01 WAS CONFINED TO  
A ONE-SQUARE-KILOMETER LOOP  
132 01:07:06:03 01:07:09:09 NAMED FOR THE IRON RING OF  
TRANSIT LINES THAT CIRCLED IT.  
133 01:07:11:23 01:07:14:11 THE TERRIFIC CROWDING  
AND NOISE THERE WERE SHOCKING  
134 01:07:14:13 01:07:16:21 EVEN TO NEW YORKERS,  
WHOSE CITY'S COMMERCIAL ACTIVITY  
135 01:07:16:23 01:07:19:28 WAS STRUNG OUT FOR MILES  
ALONG ITS LENGTHY AVENUES.  
136 01:07:22:08 01:07:24:23 THEY CALLED CHICAGO  
"THE CITY OF SPEED"--  
137 01:07:24:25 01:07:27:04 CABLE CARS PUSHING  
THROUGH HEAVY TRAFFIC  
138 01:07:27:06 01:07:28:28 SLAMMED INTO SLOW-MOVING DRAYS  
139 01:07:29:00 01:07:32:15 LIFTING THEM INTO THE AIR AND  
OVERTURNING WAGONS AND TEAMS.  
140 01:07:32:17 01:07:34:18 SIGNS HANGING  
OVER OFFICE DOORS READ  
141 01:07:34:20 01:07:36:19 "AWAY FOR LUNCH--  
BACK IN FIVE MINUTES."  
142 01:07:36:21 01:07:38:27 AND THE MOVEMENT OF THE CROWDS  
ON THE STREETS  
143 01:07:38:29 01:07:42:00 REMINDED ONE TOURIST  
OF AN INFANTRY ATTACK.  
144 01:07:42:02 01:07:43:27 EVERYTHING IN THE LOOP  
WAS ORGANIZED  
145 01:07:43:29 01:07:46:20 FOR THE EFFICIENT CONDUCT  
OF CAPITALIST ENTERPRISE.  
146 01:07:46:22 01:07:48:14 CABLE CARS AND ELECTRIC TROLLEYS  
147 01:07:48:16 01:07:51:05 BROUGHT SHOPPERS FROM  
THE CITY'S FAR-FLUNG SUBURBS  
148 01:07:51:07 01:07:53:13 RIGHT TO THE DOORS OF  
STATE STREET DEPARTMENT STORES.  
149 01:07:54:28 01:07:56:10 AND IN SKYSCRAPER OFFICES  
150 01:07:56:12 01:07:58:27 ROWS OF WOMEN TYPISTS  
PERFORMED CLERICAL WORK  
151 01:07:58:29 01:08:01:10 FASTER THAN IT HAD EVER  
BEEN DONE BEFORE.  
152 01:08:01:12 01:08:04:01 THEIR RAPID-MOVING FINGERS  
CONNECTED TO THEIR MACHINES  
153 01:08:04:03 01:08:06:00 AS IF THEY WERE  
PHYSICAL PARTS OF THEM.  
154 01:08:07:28 01:08:09:19 THE TYPEWRITER  
BROUGHT WOMEN WORKERS  
155 01:08:09:21 01:08:11:09 INTO THE CAPITALIST OFFICE SPACE  
156 01:08:11:11 01:08:14:01 AND MADE OFFICE WORK MORE  
SPECIALIZED AND MIND-DULLING

157 01:08:14:03 01:08:16:29 LIKE FACTORY WORK  
IN ARMOUR'S MEAT MILLS.  
158 01:08:17:01 01:08:18:09 FACTORIES IN THE SKY--  
159 01:08:18:11 01:08:20:06 THAT'S WHAT THE SKYSCRAPERS WERE  
160 01:08:20:08 01:08:22:15 FOR THE NEW AND GROWING  
FEMALE WORKFORCE.  
161 01:08:24:17 01:08:26:24 YET THESE VERTICALLY ORGANIZED  
BUILDINGS  
162 01:08:26:26 01:08:29:17 WERE MARVELOUSLY CONVENIENT WAYS  
TO DO BUSINESS.  
163 01:08:29:19 01:08:32:05 WITHIN A SINGLE TALL BUILDING,  
WITH ITS ARRAY  
164 01:08:32:07 01:08:34:24 OF LEGAL, ADVERTISING  
AND COMMERCIAL SERVICES  
165 01:08:34:26 01:08:37:25 WORLD-SHAPING DEALS WERE MADE  
IN A MATTER OF MINUTES  
166 01:08:37:27 01:08:40:09 TO THE AMAZEMENT  
OF EUROPEAN BUSINESSMEN.  
167 01:08:40:11 01:08:43:03 THE SKYSCRAPER WAS ALSO  
A TECHNOLOGICAL WONDER.  
168 01:08:43:05 01:08:45:23 THE FIRST SKYSCRAPERS  
OF NEW YORK AND CHICAGO  
169 01:08:45:25 01:08:48:27 WERE BUILT WITH TRADITIONAL  
CONSTRUCTION TECHNIQUES.  
170 01:08:48:29 01:08:51:12 THEY WERE SUPPORTED  
BY HEAVY MASONRY WALLS  
171 01:08:51:14 01:08:53:16 WHICH WERE ESPECIALLY THICK  
AT THE BASE.  
172 01:08:53:18 01:08:55:03 WINDOW SPACE WAS AT A PREMIUM  
173 01:08:55:05 01:08:57:17 AND NO ONE DARED BUILD  
A WALL-BEARING BUILDING  
174 01:08:57:19 01:08:58:24 OVER TEN STORIES.  
175 01:08:58:26 01:09:00:26 IT WOULD HAVE COLLAPSED  
IN A HEAP.  
176 01:09:00:28 01:09:03:14 THEN, IN THE MID-'80s,  
CHICAGO ARCHITECTS  
177 01:09:03:16 01:09:06:08 FOLLOWING THE LEAD  
OF WILLIAM LeBARON JENNEY  
178 01:09:06:10 01:09:07:29 BEGAN BUILDING SKYSCRAPERS  
179 01:09:08:01 01:09:11:06 SUPPORTED BY WOODEN-BRACED  
IRON AND STEEL FRAMES  
180 01:09:11:08 01:09:13:06 OR CAGES, AS THEY WERE CALLED.  
181 01:09:13:08 01:09:15:25 THE THIN WALLS OF BRICK  
AND TERRA-COTTA  
182 01:09:15:27 01:09:18:00 LINED WITH LONG ROWS OF WINDOWS  
183 01:09:18:02 01:09:20:00 WERE NOT PART OF  
THE BUILDING'S SUPPORT SYSTEM.  
184 01:09:20:02 01:09:22:15 THE STEEL FRAME  
DID ALL THE WORK--  
185 01:09:22:17 01:09:24:14 THE WALL WAS A MERE CURTAIN.  
186 01:09:26:04 01:09:28:01 CHICAGO'S SKYSCRAPERS EVOKED  
187 01:09:28:03 01:09:31:01 THE NO-NONSENSE BUSINESS STYLE  
OF THE CITY.  
188 01:09:31:03 01:09:32:23 THEY WERE CLEAN-FEATURED  
BUILDINGS  
189 01:09:32:25 01:09:34:19 WITH A MINIMUM

OF SURFACE DECORATION.  
 190 01:09:34:21 01:09:36:14 THAT'S WHAT MADE THEM  
 DISTINCTIVE--  
 191 01:09:36:16 01:09:38:06 A TRULY AMERICAN ARCHITECTURE.  
 192 01:09:38:08 01:09:41:19 THEY LOOKED LIKE  
 WHAT THEY WERE SUPPOSED TO BE  
 193 01:09:41:21 01:09:43:02 BUSINESS BUILDINGS  
 194 01:09:43:04 01:09:44:10 WHILE NEW YORK'S SKYSCRAPERS  
 195 01:09:44:12 01:09:46:03 LOOKED LIKE GREEK TEMPLES  
 OR ROMAN BATHS.  
 196 01:09:47:20 01:09:49:17 CHICAGO'S SKYSCRAPERS  
 LOOKED THIS WAY  
 197 01:09:49:19 01:09:51:17 BECAUSE THEY WERE BUILT  
 BY DEVELOPERS  
 198 01:09:51:19 01:09:54:28 INTERESTED IN CUTTING COSTS,  
 NOT SHOWING OFF.  
 199 01:09:55:00 01:09:56:29 LOUIS SULLIVAN,  
 THE FIRST ARCHITECT  
 200 01:09:57:01 01:09:58:27 TO MAKE TALL BUILDINGS BEAUTIFUL  
 201 01:09:58:29 01:10:01:03 ARGUED THAT FORM  
 MUST FOLLOW FUNCTION  
 202 01:10:01:05 01:10:03:18 BUT, IN CHICAGO,  
 FORM USUALLY FOLLOWED FINANCE.  
 203 01:10:05:10 01:10:07:25 THE SKYSCRAPER WAS  
 THE FIRST BUILDING IN HISTORY  
 204 01:10:07:27 01:10:10:01 TO DEPEND ON MACHINES  
 FOR ITS OPERATION.  
 205 01:10:10:03 01:10:12:18 IT NEEDED ELEVATORS TO CARRY  
 PASSENGERS TO ITS UPPER FLOORS  
 206 01:10:12:20 01:10:14:15 AND TELEPHONE  
 AND TELEGRAPH SYSTEMS  
 207 01:10:14:17 01:10:18:19 TO PUT TENANTS IN THE AIR  
 IN TOUCH WITH THE CITY BELOW.  
 208 01:10:18:21 01:10:20:11 THE SKYSCRAPER  
 COULDN'T HAVE EXISTED  
 209 01:10:20:13 01:10:22:00 WITHOUT ANOTHER  
 GIGANTIC MACHINE:  
 210 01:10:22:02 01:10:23:09 AN URBAN TRANSIT SYSTEM  
 211 01:10:23:11 01:10:25:07 CAPABLE OF MOVING  
 ITS SMALL ARMY OF WORKERS  
 212 01:10:25:09 01:10:26:21 IN AND OUT OF THE CITY.  
 213 01:10:29:13 01:10:30:18 THIS IS EQUALLY TRUE  
 214 01:10:30:20 01:10:33:04 OF ANOTHER GREAT  
 COMMERCIAL INVENTION OF THE AGE  
 215 01:10:33:06 01:10:35:19 THE DEPARTMENT STORE,  
 WITH ITS EVEN LARGER ARMY  
 216 01:10:35:21 01:10:37:01 OF SALES CLERKS AND CUSTOMERS.  
 217 01:10:38:24 01:10:40:20 THE DEPARTMENT STORES  
 OF AMERICA'S BIG CITIES  
 218 01:10:40:22 01:10:42:26 WERE CROWDED FROM MORNING  
 TILL NIGHT WITH CUSTOMERS  
 219 01:10:42:28 01:10:45:04 AS MANY AS  
 A QUARTER OF A MILLION A DAY.  
 220 01:10:45:06 01:10:48:09 AND SOME OF THEM HAD WORK FORCES  
 LARGER THAN STEEL MILLS.  
 221 01:10:48:11 01:10:51:01 MARSHALL FIELD,

WHO ROSE FROM STOCK BOY  
 222 01:10:51:03 01:10:53:07 TO THE RICHEST MAN IN CHICAGO  
 223 01:10:53:09 01:10:55:14 BUILT THE COUNTRY'S  
 MOST OPULENT DEPARTMENT STORE--  
 224 01:10:55:16 01:10:58:20 A PALACE OF DESIRE THAT CATERED  
 ALMOST EXCLUSIVELY TO WOMEN.  
 225 01:11:03:18 01:11:05:22 IN THE DEPARTMENT STORES  
 ALONG STATE STREET  
 226 01:11:05:24 01:11:07:26 WOMEN ACCOUNTED FOR 99%  
 OF THE PURCHASES.  
 227 01:11:07:28 01:11:10:23 WHEN CHICAGO LIT ITS DEPARTMENT  
 STORES WITH ELECTRICITY  
 228 01:11:10:25 01:11:12:08 MANY OF THESE WOMEN SHOPPERS  
 229 01:11:12:10 01:11:15:06 STAYED IN TOWN INTO THE EVENING  
 WITHOUT MALE ESCORTS.  
 230 01:11:15:08 01:11:17:06 TRADITIONALISTS COMPLAINED  
 ABOUT THIS  
 231 01:11:17:08 01:11:20:16 AND ALSO ABOUT WHAT THEY CALLED  
 THE "NEW VICE OF SHOPPING."  
 232 01:11:20:18 01:11:22:25 A CRANKY EDITORIAL  
 IN *THE NEW YORK TIMES*  
 233 01:11:22:27 01:11:25:12 CALLED SHOPPING,  
 "A PURSE-DESTROYING ADDICTION  
 234 01:11:25:14 01:11:28:01 EVERY BIT AS BAD  
 AS MALE DRINKING."  
 235 01:11:28:03 01:11:30:07 YET THE ACCEPTED PLACE  
 OF VICTORIAN WOMEN  
 236 01:11:30:09 01:11:31:24 IN A MALE DOMINATED SOCIETY--  
 237 01:11:31:26 01:11:34:06 IN THE HOME ALL DAY,  
 TAKING CARE OF CHILDREN  
 238 01:11:34:08 01:11:36:14 SEWING, CLEANING,  
 COOKING AND ENTERTAINING--  
 239 01:11:36:16 01:11:40:12 MADE SHOPPING A LIBERATING  
 ESCAPE FROM DOMESTIC DRUDGERY.  
 240 01:11:40:14 01:11:43:27 IN THE GREAT CHICAGO NOVEL,  
*SISTER CARRIE*  
 241 01:11:43:29 01:11:45:11 INDIANA-BORN THEODORE DREISER  
 242 01:11:45:13 01:11:47:17 CAPTURES THIS ONCOMING  
 CONSUMPTION CULTURE.  
 243 01:11:49:03 01:11:51:04 CARRIE MEEBER,  
 HIS CENTRAL CHARACTER  
 244 01:11:51:06 01:11:53:21 LEAVES HER HOME  
 IN RURAL WISCONSIN AT AGE 18  
 245 01:11:53:23 01:11:57:01 DRAWN TO THE LIGHTS OF CHICAGO  
 AS YOUNG DREISER HAD BEEN  
 246 01:11:57:03 01:11:58:26 LIKE A MOTH TO A FLAME.  
 247 01:11:58:28 01:12:01:19 THERE, SHE ENTERS  
 A GLITTERING DEPARTMENT STORE  
 248 01:12:01:21 01:12:04:26 AND FINDS HERSELF WANTING THINGS  
 SHE'S NEVER SEEN BEFORE  
 249 01:12:04:28 01:12:07:02 THE VERY MOMENT  
 SHE SETS EYES ON THEM.  
 250 01:12:09:00 01:12:10:13 THERE'S ALSO IN *SISTER CARRIE*  
 251 01:12:10:15 01:12:12:24 A BRILLIANT SENSITIVITY TO  
 THE CHANGING NATURE OF DRESS  
 252 01:12:12:26 01:12:15:28 AS AN INDICATOR OF CLASS



AND SOCIAL STATION.  
 253 01:12:16:00 01:12:18:23 A SALESGIRL AT MARSHALL FIELD'S  
 MAKING SIX DOLLARS A WEEK  
 254 01:12:18:25 01:12:20:01 COULD SAVE HER MONEY  
 255 01:12:20:03 01:12:21:23 AND BUY ONE OR TWO  
 READY-TO-WEAR OUTFITS  
 256 01:12:21:25 01:12:23:18 THAT COULD INSTANTLY  
 PLACE HER ON A LEVEL  
 257 01:12:23:20 01:12:25:00 WITH HER MIDDLE-CLASS CUSTOMERS.  
 258 01:12:26:29 01:12:29:06 IN THE CITY, IT WAS POSSIBLE  
 TO MOVE UP IN LIFE  
 259 01:12:29:08 01:12:30:27 SIMPLY BY BUYING  
 THE RIGHT CLOTHES  
 260 01:12:30:29 01:12:33:24 OR, AS CARRIE DOES, BY HAVING  
 HER LOVER BUY THEM FOR HER.  
 261 01:12:33:26 01:12:34:24 LISTEN TO DREISER:  
 262 01:12:49:08 01:12:51:16 HERE DREISER DESCRIBES  
 HOW MANY AMERICANS  
 263 01:12:51:18 01:12:54:23 FELT ABOUT CITIES THEN,  
 AS WELL AS NOW.  
 264 01:12:54:25 01:12:57:12 THERE WAS THE ENTICEMENT  
 OF A BETTER LIFE  
 265 01:12:57:14 01:13:00:02 BUT THE EQUAL THREAT  
 OF MORAL CORRUPTION.  
 266 01:13:00:04 01:13:03:21 IN CHICAGO, MOVING UP IN LIFE  
 USUALLY MEANT MOVING OUT--  
 267 01:13:03:23 01:13:05:19 OUTWARD, THAT IS,  
 TO THE SUBURBS.  
 268 01:13:05:21 01:13:08:02 WE THINK OF SUBURBIA  
 AS A 20th CENTURY CREATION  
 269 01:13:08:04 01:13:10:21 BUT THE SUBURBS, LIKE THE  
 CENTRAL BUSINESS DISTRICT  
 270 01:13:10:23 01:13:13:04 CAME INTO BEING AT THE END  
 OF THE 19th CENTURY.  
 271 01:13:13:06 01:13:15:25 BOTH OF THEM, MADE POSSIBLE  
 BY MASS TRANSPORTATION.  
 272 01:13:17:23 01:13:20:14 BEFORE 1800,  
 CHICAGO HAD A TRANSIT SYSTEM  
 273 01:13:20:16 01:13:22:11 DEPENDENT ON 75,000 HORSES.  
 274 01:13:22:13 01:13:24:21 TEAMS OF THEM  
 PULLED PASSENGER CARS  
 275 01:13:24:23 01:13:26:14 ALONG TRACKS IN THE STREETS.  
 276 01:13:26:16 01:13:28:26 THE HORSE,  
 LIKE THE MODERN AUTOMOBILE  
 277 01:13:28:28 01:13:30:23 WAS A HEAVY NOISE  
 AND AIR POLLUTER.  
 278 01:13:32:18 01:13:34:28 WHEN IT RAINED,  
 THE CITY'S GUTTERS FLOWED  
 279 01:13:35:00 01:13:36:27 WITH RANK-SMELLING  
 BROWN STREAMS.  
 280 01:13:36:29 01:13:38:26 IN DRY WEATHER,  
 PULVERIZED MANURE  
 281 01:13:38:28 01:13:41:09 BLEW INTO THE FACES  
 OF DOWNTOWN SHOPPERS.  
 282 01:13:41:11 01:13:44:02 THE CONSTANT DRUMMING SOUND  
 OF IRON-SHOD HOOVES

283 01:13:44:04 01:13:46:02 ON THE CITY STREETS  
WAS DEAFENING.

284 01:13:46:04 01:13:48:22 AND AS MANY AS  
10,000 DEAD HORSES A YEAR

285 01:13:48:24 01:13:50:29 HAD TO BE REMOVED  
FROM THE CITY STREETS

286 01:13:51:01 01:13:54:05 WHERE THEY'D BEEN LEFT TO SWELL  
AND ROT IN THE GUTTERS.

287 01:13:54:07 01:13:57:21 IN 1880, THE CABLE CAR,  
A SAN FRANCISCO INVENTION

288 01:13:57:23 01:14:02:12 BEGAN TO REPLACE THE HORSE AS A  
PASSENGER CONVEYANCE IN CHICAGO.

289 01:14:02:14 01:14:04:20 IT WAS TWICE AS FAST AS A HORSE

290 01:14:04:22 01:14:07:07 AND WAS CLEAN  
AND RELATIVELY QUIET.

291 01:14:07:09 01:14:09:21 BUT JUST AS CABLE CARS  
WERE BEING EXTENDED

292 01:14:09:23 01:14:11:21 THE ELECTRIC TROLLEY CAME ALONG.

293 01:14:11:23 01:14:14:25 IT WAS FASTER, QUIETER  
AND LESS EXPENSIVE TO INSTALL

294 01:14:14:27 01:14:16:24 THAN A STEAM-DRIVEN  
CABLE SYSTEM.

295 01:14:16:26 01:14:20:24 BY 1900, ALMOST EVERY AMERICAN  
CITY HAD ADOPTED THE TROLLEY.

296 01:14:23:17 01:14:25:25 IN THE GILDED AGE,  
URBAN TRANSIT WAS OWNED

297 01:14:25:27 01:14:28:11 AND OPERATED,  
NOT AS TODAY BY MUNICIPALITIES

298 01:14:28:13 01:14:30:27 BUT BY POWERFUL  
AND POWER-HUNGRY CAPITALISTS.

299 01:14:30:29 01:14:32:12 THE TRANSIT CZAR OF CHICAGO

300 01:14:32:14 01:14:34:17 WAS AN EX-CONVICT  
NAMED CHARLES JERKES

301 01:14:34:19 01:14:37:23 WHO DREISER MADE INTO THE  
CENTRAL CHARACTER OF HIS NOVEL

302 01:14:37:25 01:14:39:08 *THE TITAN*.

303 01:14:39:10 01:14:42:07 JERKES HAD SERVED JAIL TIME  
IN PHILADELPHIA FOR STOCK FRAUD

304 01:14:42:09 01:14:43:27 AND HE LED  
A SCANDALOUS LIFESTYLE

305 01:14:43:29 01:14:45:12 WITH HALF A DOZEN MISTRESSES.

306 01:14:45:14 01:14:48:02 HE'D COME TO CHICAGO,  
HE BRAZENLY ANNOUNCED

307 01:14:48:04 01:14:50:16 FOR ONE REASON ONLY:  
TO MAKE A FORTUNE.

308 01:14:50:18 01:14:53:14 EMPLOYING CORRUPTION  
AND FRAUD ON A COLOSSAL SCALE

309 01:14:53:16 01:14:55:22 THEY CALLED HIM  
"THE GOLIATH OF GRAFT."

310 01:14:55:24 01:14:58:01 JERKES BUILT  
A FAR-FLUNG TRANSIT SYSTEM.

311 01:14:58:03 01:15:01:09 IN THE PROCESS, HE MADE A  
MILLION IN LAND SPECULATION.

312 01:15:01:11 01:15:04:28 JERKES BUILT TRACKS OUT TO EMPTY  
LAND ON THE EDGE OF THE CITY

313 01:15:05:00 01:15:07:20 LAND HE'D SECRETLY BOUGHT

314 01:15:07:22 IN ADVANCE FOR A SONG.  
 01:15:09:28 THEN, WHEN HIS TRANSIT LINES  
 WERE IN PLACE  
 315 01:15:10:00 01:15:12:23 HE MADE A KILLING SELLING IT  
 TO HOUSING CONTRACTORS.  
 316 01:15:12:25 01:15:14:10 BUT JERKES COULDN'T GET ALONG  
 317 01:15:14:12 01:15:16:15 WITHOUT A LITTLE HELP  
 FROM HIS FRIENDS.  
 318 01:15:16:17 01:15:18:09 HE NEEDED FRANCHISES  
 FROM THE CITY  
 319 01:15:18:11 01:15:20:26 TO OPERATE HIS TRANSIT LINES  
 ON PUBLIC STREETS  
 320 01:15:20:28 01:15:24:02 AND TO GET THEM, HE BRIBED  
 ALMOST THE ENTIRE CITY COUNCIL.  
 321 01:15:24:04 01:15:26:01 HE WAS FINALLY DRIVEN OUT  
 OF CHICAGO  
 322 01:15:26:03 01:15:28:13 AFTER HE TRIED  
 TO MUSCLE THROUGH LEGISLATION  
 323 01:15:28:15 01:15:31:00 THAT WOULD HAVE GIVEN HIM  
 A LONG-TERM MONOPOLY  
 324 01:15:31:02 01:15:32:15 OF CHICAGO'S TRANSIT SYSTEM.  
 325 01:15:32:17 01:15:33:29 JERKES RETURNED TO NEW YORK  
 326 01:15:34:01 01:15:36:23 AND THEN WENT ABROAD  
 TO BUILD THE LONDON UNDERGROUND.  
 327 01:15:36:25 01:15:38:18 CHICAGO WAS GLAD  
 TO GET RID OF HIM  
 328 01:15:38:20 01:15:39:25 BUT HE LEFT BEHIND  
 329 01:15:39:27 01:15:41:29 ONE OF THE FINEST URBAN  
 TRANSPORTATION SYSTEMS  
 330 01:15:42:01 01:15:43:04 IN THE WORLD.  
 331 01:15:43:06 01:15:44:24 ENJOINING TOWN AND COUNTRY  
 332 01:15:44:26 01:15:46:26 JERKES HELPED  
 BRING INTO EXISTENCE  
 333 01:15:46:28 01:15:49:24 SOMETHING ENTIRELY NEW,  
 AND NOW LONG-FORGOTTEN:  
 334 01:15:49:26 01:15:51:06 THE STREETCAR CITY.  
 335 01:15:51:08 01:15:53:18 THE STREETCAR CITY ALTERED  
 THE SOCIAL LANDSCAPE  
 336 01:15:53:20 01:15:55:00 OF THE AMERICAN CITY.  
 337 01:15:55:02 01:15:57:18 SINCE THE TIME CITIES  
 WERE FIRST BUILT IN AMERICA  
 338 01:15:57:20 01:15:59:28 THE RICH AND POWERFUL  
 LIVED IN THE CENTER  
 339 01:16:00:02 01:16:02:26 AND THE POOR AND POWERLESS  
 ON THE PERIPHERY.  
 340 01:16:02:28 01:16:06:01 THAT'S THE WAY IT HAD BEEN  
 IN CITIES ALL OVER THE WORLD  
 341 01:16:06:03 01:16:07:11 FOR THOUSANDS OF YEARS.  
 342 01:16:07:13 01:16:10:02 IN AMERICA, TWO THINGS COMBINED  
 TO CHANGE THIS:  
 343 01:16:10:04 01:16:13:29 THE STREETCAR AND THE INCREASING  
 DESIRE OF UPWARD-BOUND PEOPLE  
 344 01:16:14:01 01:16:15:06 TO ESCAPE THE CITY.  
 345 01:16:15:08 01:16:17:22 THE CATALYST FOR IT ALL  
 WAS IMMIGRATION.  
 346 01:16:21:15 01:16:24:04 EUROPEAN IMMIGRANTS,

347 01:16:24:06 FLEEING POVERTY AND PERSECUTION  
 01:16:27:12 HAD BEEN POURING INTO AMERICAN  
 348 01:16:29:22 01:16:32:06 CITIES SINCE THE EARLY 1800s.  
 01:16:32:08 IN CHICAGO, FIRST IT WAS  
 349 01:16:32:08 01:16:34:05 THE GERMANS AND IRISH  
 01:16:34:07 THEN, TOWARDS THE END  
 350 01:16:34:07 01:16:37:06 OF THE CENTURY  
 01:16:37:08 TREMENDOUS NUMBERS OF  
 351 01:16:37:08 01:16:43:14 SOUTHERN AND EASTERN EUROPEANS--  
 01:16:43:14 ITALIANS, POLES, SLOVAKS  
 352 01:16:43:16 01:16:45:22 AND RUSSIAN JEWS.  
 01:16:45:22 MANY OF THESE IMMIGRANTS  
 353 01:16:45:24 01:16:47:10 JOINED LABOR UNIONS  
 01:16:47:12 01:16:49:02 AND RADICAL POLITICAL PARTIES  
 01:16:49:02 AND THEIR POLITICS,  
 355 01:16:49:04 01:16:52:05 THEIR POVERTY  
 01:16:52:05 THEIR ALIEN RELIGION  
 356 01:16:52:07 01:16:55:01 AND LANGUAGE *DEEPLY* FRIGHTENED  
 01:16:55:01 OLDER, PREDOMINANTLY PROTESTANT  
 357 01:16:55:03 01:16:56:18 CITY-DWELLERS.  
 01:16:56:20 01:16:59:14 EARLIER IN THE CENTURY  
 358 01:16:56:20 01:16:59:14 THE RICH AND MIDDLE CLASS HAD  
 01:17:00:18 NO CHOICE BUT TO REMAIN IN TOWN  
 359 01:16:59:16 01:17:00:18 CLOSE TO THEIR WORK.  
 360 01:17:00:20 01:17:02:08 BUT CABLE CARS AND TROLLEYS  
 361 01:17:02:10 01:17:05:07 ALLOWED THEM TO ESCAPE  
 01:17:05:07 TO THE BORDERS OF THE CITY  
 362 01:17:05:09 01:17:08:07 YET REMAIN A SHORT  
 01:17:08:09 STREETCAR RIDE AWAY FROM WORK  
 363 01:17:08:09 01:17:12:10 AND FROM THEATERS, DEPARTMENT  
 01:17:12:12 STORES, CIRCUSES, BASEBALL PARKS  
 364 01:17:12:12 01:17:15:16 AND ALL THE MYRIAD WONDERS  
 01:17:15:18 OF THE VICTORIAN CITY.  
 365 01:17:15:18 01:17:18:07 THUS BEGAN THE GREATEST  
 01:17:18:09 INTERNAL MIGRATION  
 366 01:17:18:09 01:17:21:21 IN THE HISTORY OF CITIES--  
 01:17:21:23 THE EXODUS TO THE SUBURBS.  
 367 01:17:21:23 01:17:24:10 SOON, EVEN THE BETTER-PAID  
 01:17:24:12 WORKING CLASS  
 368 01:17:24:12 01:17:26:19 HEADED FOR THE BOOMING  
 01:17:26:21 SUBDIVISIONS.  
 369 01:17:26:21 01:17:30:02 OLDER IMMIGRANTS, AS ALWAYS  
 01:17:30:04 WAS THE AMERICAN PRACTICE  
 370 01:17:30:04 01:17:31:29 RUNNING AWAY FROM NEWER ONES.  
 371 01:17:32:01 01:17:33:22 IN THIS WAY, THE STREETCAR  
 372 01:17:33:24 01:17:36:01 TURNED THE AMERICAN CITY  
 01:17:36:03 INSIDE OUT;  
 373 01:17:36:03 01:17:38:18 SHIFTING THE CENTER  
 01:17:38:20 OF POPULATION AND PRESTIGE  
 374 01:17:38:20 01:17:40:04 FROM THE CENTER TO THE EDGE.  
 375 01:17:40:06 01:17:41:28 THAT'S WHY AMERICAN CITIES TODAY  
 376 01:17:42:00 01:17:44:24 ARE DIFFERENT FROM THE CITIES  
 01:17:44:26 OF CONTINENTAL EUROPE  
 377 01:17:44:26 01:17:47:23 WHERE THE WELL-TO-DO CONTINUE  
 01:17:47:25 TO LIVE IN THE URBAN CORE  
 378 01:17:47:25 01:17:50:18 AND GREAT NUMBERS OF THE POOR

RESIDE IN THE SUBURBS.  
 379 01:17:50:20 01:17:52:15 IN THE 20th CENTURY,  
 URBAN SPRAWL  
 380 01:17:52:17 01:17:54:28 WOULD LEAD TO THE ABANDONMENT  
 OF THE CITY  
 381 01:17:55:00 01:17:58:00 AS BOTH PEOPLE AND JOBS  
 HEADED FOR THE BORDERLANDS.  
 382 01:17:58:02 01:18:00:03 BUT AT THE END OF  
 THE 19th CENTURY  
 383 01:18:00:05 01:18:02:11 CITY AND SUBURB  
 COMPLEMENTED ONE ANOTHER  
 384 01:18:02:13 01:18:04:17 AS CITIES BECAME--  
 AT THE SAME TIME--  
 385 01:18:04:19 01:18:06:19 MORE CENTRALIZED AND DISPERSED.  
 386 01:18:06:21 01:18:09:17 WITH JOBS AND SO MANY  
 ATTRACTIONS DOWNTOWN--  
 387 01:18:09:19 01:18:11:00 A NICKEL RIDE AWAY--  
 388 01:18:11:02 01:18:14:09 NOBODY WORRIED ABOUT  
 THE SUBURBS KILLING THE CITY.  
 389 01:18:14:11 01:18:17:06 IN THEIR CONSTANT MOVEMENT IN  
 AND OUT OF THE CENTRAL CITY  
 390 01:18:17:08 01:18:20:03 THE MIDDLE CLASS RARELY CAME  
 INTO CONTACT WITH THE POOR--  
 391 01:18:20:05 01:18:21:16 THIS WAS A DIVIDED CITY.  
 392 01:18:27:17 01:18:29:16 CHICAGO'S WORST SLUM,  
 PACKINGTOWN  
 393 01:18:29:18 01:18:32:11 WAS LOCATED FAR TO THE SOUTH  
 OF THE DOWNTOWN.  
 394 01:18:32:13 01:18:34:19 BUT MOST  
 OF THE CITY'S ETHNIC GHETTOS  
 395 01:18:34:21 01:18:36:10 WERE CLOSE TO THE DOWNTOWN  
 396 01:18:36:12 01:18:41:17 YET HIDDEN FROM IT  
 BY A BELT OF INDUSTRY.  
 397 01:18:41:19 01:18:44:05 IN THE JEWISH QUARTER,  
 MULTI-STORIED TENEMENTS  
 398 01:18:44:07 01:18:46:06 SERVED EXTRA DUTY  
 AS SMALL FACTORIES  
 399 01:18:46:08 01:18:48:07 OR SWEATSHOPS,  
 AS THEY WERE CALLED.  
 400 01:18:48:09 01:18:49:25 HERE, MEN, WOMEN AND CHILDREN  
 401 01:18:49:27 01:18:52:25 LABORED UP TO 16 HOURS A DAY  
 IN THEIR GLOOMY APARTMENTS  
 402 01:18:52:27 01:18:55:27 MAKING THE INEXPENSIVE DRESSES  
 THAT GAVE INSTANT STATUS  
 403 01:18:55:29 01:18:57:25 TO THOSE  
 MARSHALL FIELD SHOP GIRLS.  
 404 01:19:01:12 01:19:05:16 SICKNESS WAS RAMPANT IN THESE  
 UNHEATED, UNVENTILATED PLACES.  
 405 01:19:05:18 01:19:10:00 SMALLPOX, CHOLERA, CONSUMPTION,  
 TUBERCULOSIS AND SCARLET FEVER.  
 406 01:19:10:02 01:19:12:17 MILK, ARRIVING IN  
 UNREFRIGERATED WAGONS  
 407 01:19:12:19 01:19:14:19 WAS OFTEN DANGEROUSLY SPOILED.  
 408 01:19:14:21 01:19:17:26 SOME MOTHERS GAVE THEIR CHILDREN  
 BEER FROM THE LOCAL SALOON  
 409 01:19:17:28 01:19:19:20 WHICH AT LEAST WAS PASTEURIZED.

410 01:19:19:22 01:19:22:08 WERE THESE CONDITIONS UNTYPICAL?  
 411 01:19:22:10 01:19:25:15 WELL, IN 1900,  
 ALMOST 400,000 CHICAGOANS  
 412 01:19:25:17 01:19:29:09 IN A CITY OF 1.7 MILLION,  
 LIVED IN SQUALOR.  
 413 01:19:29:11 01:19:32:16 GOVERNMENT TURNED A BLIND EYE  
 TO THESE PROBLEMS  
 414 01:19:32:18 01:19:35:08 UNTIL REFORMERS  
 BEGAN TO PUSH AND PROD.  
 415 01:19:35:10 01:19:37:28 IN 1889, A YOUNG,  
 PARTIALLY CRIPPLED WOMAN  
 416 01:19:38:00 01:19:40:12 FROM RURAL ILLINOIS,  
 ARRIVED IN CHICAGO  
 417 01:19:40:14 01:19:42:06 AND ESTABLISHED HULL HOUSE  
 418 01:19:42:08 01:19:46:08 ONE OF THE COUNTRY'S  
 FIRST SETTLEMENT HOUSES.  
 419 01:19:46:10 01:19:48:15 HER NAME WAS JANE ADDAMS.  
 420 01:19:48:17 01:19:52:07 ADDAMS TURNED A RUNDOWN MANSION  
 IN AN ITALIAN SLUM INTO A REFUGE  
 421 01:19:52:09 01:19:54:22 FOR NEIGHBORHOOD WOMEN  
 AND THEIR CHILDREN.  
 422 01:19:54:24 01:19:58:13 SHE SET UP A DAYCARE CENTER,  
 A PLAYGROUND, A GYMNASIUM  
 423 01:19:58:15 01:20:01:12 AND A BATHHOUSE,  
 ALONG WITH A READING CLUB.  
 424 01:20:01:14 01:20:04:16 AND SHE PUT REPRODUCTIONS OF  
 GREAT WORKS OF ART ON THE WALLS  
 425 01:20:04:18 01:20:07:22 TO BRING SOME REFINEMENT INTO  
 THE LIVES OF HER NEW NEIGHBORS.  
 426 01:20:07:24 01:20:10:28 ADDAMS TRIED TO AMERICANIZE  
 THESE PEOPLE, URGING THEM  
 427 01:20:11:00 01:20:14:06 TO SHED THEIR OLD-WORLD CUSTOMS  
 FOR MIDDLE-CLASS WAYS.  
 428 01:20:14:08 01:20:17:19 HER SMOTHERING PATERNALISM  
 ALIENATED SOME IMMIGRANTS  
 429 01:20:17:21 01:20:19:05 BUT SHE BEGAN TO CHANGE  
 430 01:20:19:07 01:20:22:00 THANKS TO THE INFLUENCE  
 OF FLORENCE KELLY.  
 431 01:20:22:02 01:20:25:15 KELLY ARRIVED AT HULL HOUSE WITH  
 HER THREE YOUNG CHILDREN IN 1891  
 432 01:20:25:17 01:20:29:02 FLEEING AN ABUSIVE HUSBAND.  
 433 01:20:29:04 01:20:30:25 A FIERY SOCIALIST, SHE LAUGHED  
 434 01:20:30:27 01:20:34:00 AT HULL HOUSE'S DECOROUS  
 TEA PARTIES AND ART RECEPTIONS  
 435 01:20:34:02 01:20:36:14 AND CHALLENGED ADDAMS  
 TO ALTER THE DIRECTION  
 436 01:20:36:16 01:20:40:00 OF THE SETTLEMENT'S WORK, FROM  
 MORAL UPLIFT TO SOCIAL CHANGE.  
 437 01:20:40:02 01:20:42:21 KELLY'S INVESTIGATIONS  
 OF SWEATSHOP CONDITIONS  
 438 01:20:42:23 01:20:46:03 LED TO THE PASSAGE OF LANDMARK  
 ILLINOIS LABOR LEGISLATION  
 439 01:20:46:05 01:20:49:21 AND GOT HER APPOINTED AS THE  
 STATE'S FIRST FACTORY INSPECTOR.  
 440 01:20:49:23 01:20:53:06 SHE AND ADDAMS THEN PUBLISHED  
 A COMPREHENSIVE SOCIAL SURVEY

441 01:20:53:08 01:20:55:01 OF THE HULL HOUSE NEIGHBORHOOD.  
 442 01:20:55:03 01:20:56:20 THIS WAS AN EFFORT TO MAKE  
 443 01:20:56:22 01:20:59:02 AN UNASSAILABLE CASE  
 FOR TENEMENT REFORM.  
 444 01:20:59:04 01:21:00:29 WHEN THEY WERE LABORING  
 IN THE SLUMS  
 445 01:21:01:01 01:21:03:23 "THE WHITE CITY" OPENED  
 TO TREMENDOUS NATIONAL FANFARE.  
 446 01:21:06:29 01:21:09:01 THE FAIR TOOK PLACE  
 AT A CRITICAL JUNCTURE  
 447 01:21:09:03 01:21:10:09 IN THE NATION'S HISTORY.  
 448 01:21:10:11 01:21:12:17 MANY AMERICANS  
 SAW THEIR COUNTRY'S FUTURE  
 449 01:21:12:19 01:21:15:11 BOUND UP WITH THE FUTURE  
 OF ITS INDUSTRIAL CITIES  
 450 01:21:15:13 01:21:17:28 AND THESE CITIES  
 APPEARED TO BE FLYING APART.  
 451 01:21:18:00 01:21:21:12 THESE AMERICANS FEARED THAT THE  
 UNSETTLING CHANGES URBAN GROWTH  
 452 01:21:21:14 01:21:23:29 HAD BROUGHT WITH IT--  
 SOCIALISM AND LABOR UNREST  
 453 01:21:24:01 01:21:27:02 SPREADING SLUMS, WAVES OF  
 CATHOLIC AND JEWISH IMMIGRANTS  
 454 01:21:27:04 01:21:28:25 AND A NEW AND FREER MORALITY--  
 455 01:21:28:27 01:21:31:21 WERE TEARING APART  
 THE OLD PROTESTANT REPUBLIC.  
 456 01:21:31:23 01:21:34:23 A YOUNG AMERICAN HISTORIAN  
 RAISED A FURTHER CONCERN:  
 457 01:21:34:25 01:21:37:17 IN AN ESSAY HE READ AT  
 A MEETING OF HISTORIANS  
 458 01:21:37:19 01:21:39:06 AT THE CHICAGO FAIR, CALLED  
 459 01:21:39:08 01:21:42:04 "THE SIGNIFICANCE OF THE  
 FRONTIER IN AMERICAN HISTORY"  
 460 01:21:42:06 01:21:43:18 FREDERICK JACKSON TURNER  
 461 01:21:43:20 01:21:46:09 ANNOUNCED THE CLOSING  
 OF THE FRONTIER OF FREE LAND  
 462 01:21:46:11 01:21:48:23 THE NURTURING SOURCE  
 OF AMERICA'S DEMOCRACY  
 463 01:21:48:25 01:21:51:02 AND A SAFETY VALVE  
  
 FOR URBAN DISCONTENT.  
 464 01:21:51:04 01:21:54:06 READING TURNER'S ESSAY  
 GAVE SOME PEOPLE THE SENSE  
 465 01:21:54:08 01:21:56:19 THAT THE COUNTRY  
 WAS ABOUT TO EXPLODE.  
 466 01:21:59:06 01:22:01:25 BUT THIS WAS ALSO  
 A DECADE OF CONFIDENCE  
 467 01:22:01:27 01:22:05:23 AND DANIEL BURNHAM'S WHITE CITY  
 WAS A REASSURING EXPRESSION  
 468 01:22:05:25 01:22:07:28 OF FAITH IN THE NATION'S FUTURE.  
 469 01:22:08:00 01:22:10:09 ITS MESSAGE WAS  
 THAT CITIES COULD BE SAVED  
 470 01:22:10:11 01:22:12:12 NOT BY SETTLEMENT WORKERS  
 AND SOCIALISTS  
 471 01:22:12:14 01:22:14:05 BUT BY CIVIC-MINDED BUSINESSMEN.  
 472 01:22:14:07 01:22:17:01 BUILT BY CHICAGO'S COMMERCIAL

473 01:22:17:03 KINGS, THE WHITE CITY  
 01:22:19:23 WAS THEIR VISION OF  
 474 01:22:19:25 01:22:21:21 WHAT A GREAT CITY COULD BE LIKE.  
 01:22:21:21 THERE WERE NO BEGGARS  
 475 01:22:21:23 01:22:23:24 OR GARISH SIGNS  
 01:22:23:24 AND THE STREETS WERE  
 476 01:22:23:26 01:22:25:28 IMMACULATELY CLEAN.  
 01:22:25:28 PICTURESQUE WALKWAYS  
 477 01:22:26:00 01:22:28:20 AND WATERWAYS  
 01:22:28:20 CONNECTED THE MAGNIFICENT  
 478 01:22:28:22 01:22:30:08 EXHIBITION HALLS.  
 01:22:30:08 AND THESE BUILDINGS WERE FILLED  
 479 01:22:30:10 01:22:32:05 WITH THE NEWEST INVENTIONS  
 01:22:32:05 OF THE AGE  
 480 01:22:32:07 01:22:34:24 AMONG THEM ELECTRIC KITCHENS,  
 01:22:34:26 CALCULATING MACHINES  
 481 01:22:34:26 01:22:36:25 AND A GADGET  
 01:22:36:25 FOR VIEWING MOTION PICTURES  
 482 01:22:36:27 01:22:38:10 THOMAS EDISON'S KINETOSCOPE.  
 483 01:22:44:16 01:22:47:21 THE BUILDER OF THIS PLACE  
 01:22:47:21 UNDERSTOOD THE AMERICAN MIND.  
 484 01:22:47:23 01:22:50:13 IN DANIEL BURNHAM'S CITY,  
 01:22:50:13 TRADITION AND CHANGE  
 485 01:22:50:15 01:22:53:01 ORDER AND INNOVATION  
 01:22:53:01 WERE IN PERFECT HARMONY  
 486 01:22:53:03 01:22:54:22 SUGGESTING TO ANXIOUS AMERICANS  
 487 01:22:54:24 01:22:58:00 THAT THEY COULD ENJOY ALL THE  
 01:22:58:00 CONVENIENCES OF THE MACHINE AGE  
 488 01:22:58:02 01:23:00:14 WITHOUT CHANGING  
 01:23:00:14 THEIR OLD VALUES AND HABITS.  
 489 01:23:00:16 01:23:03:06 VISITORS CAME AWAY WONDERING  
 01:23:03:06 WHY EVERY AMERICAN CITY  
 490 01:23:03:08 01:23:06:02 COULDN'T BE MADE OVER  
 01:23:06:02 IN THE IMAGE OF THE WHITE CITY.  
 491 01:23:06:04 01:23:07:25 THE WRITER  
 01:23:07:25 WILLIAM DEAN HOWELLS CALLED IT:  
 492 01:23:11:27 01:23:13:11 THE BLACK LEADER,  
 01:23:13:11 FREDERICK DOUGLASS  
 493 01:23:13:13 01:23:14:13 PRONOUNCED IT:  
 494 01:23:19:10 01:23:20:16 THE WHITE CITY EXCLUDED  
 495 01:23:20:18 01:23:22:14 THE ACCOMPLISHMENTS  
 01:23:22:14 OF AFRICAN AMERICANS  
 496 01:23:22:16 01:23:25:07 AND WHEN FAIR DIRECTORS HELD A  
 01:23:25:07 SPECIAL "COLORED PEOPLE'S DAY"  
 497 01:23:25:09 01:23:27:09 THEY ADDED A NOTE OF RIDICULE  
 01:23:27:09 TO THE OCCASION  
 498 01:23:27:11 01:23:29:17 BY PROVIDING WATERMELONS  
 01:23:29:17 TO THE CROWD.  
 499 01:23:29:19 01:23:33:13 DOUGLASS AND HIS YOUNG FRIEND,  
 01:23:33:13 THE BLACK ACTIVIST IDA B. WELLS  
 500 01:23:33:15 01:23:36:24 WROTE A PROTEST PAMPHLET  
 01:23:36:24 AND PASSED IT OUT AT THE FAIR.  
 501 01:23:36:26 01:23:39:12 BUT WHILE WELLS BOYCOTTED  
 01:23:39:12 "COLORED PEOPLE'S DAY"  
 502 01:23:39:14 01:23:41:21 DOUGLASS, WHO WAS 75  
 01:23:41:21 AND IN FAILING HEALTH



503 01:23:41:23 01:23:44:10 USED THE OCCASION TO  
 GIVE AN ELECTRIFYING SPEECH  
 504 01:23:44:12 01:23:46:08 OVER THE SHOUTS OF HECKLERS.  
 505 01:23:46:10 01:23:49:02 "WE NEGROES,"  
 HE SAID, "LOVE OUR COUNTRY.  
 506 01:23:49:04 01:23:50:14 "WE FOUGHT FOR IT.  
 507 01:23:50:16 01:23:52:24 "WE ONLY ASK THAT  
 WE BE TREATED AS WELL AS THOSE  
 508 01:23:52:26 01:23:55:04 WHO FOUGHT AGAINST IT  
 IN THE CIVIL WAR."  
 509 01:23:55:06 01:23:57:10 DOUGLASS POINTED TO  
 THE PARAMOUNT PROBLEM  
 510 01:23:57:12 01:23:58:10 OF THE WHITE CITY:  
 511 01:23:58:12 01:23:59:24 IT FAILED TO ACKNOWLEDGE  
 512 01:23:59:26 01:24:02:03 NOT ONLY THE ACCOMPLISHMENTS  
 BUT ALSO THE EXISTENCE  
 513 01:24:02:05 01:24:03:24 OF THE KIND OF POWERLESS PEOPLE  
 514 01:24:03:26 01:24:06:00 HULL HOUSE WORKERS  
 WERE TRYING TO HELP.  
 515 01:24:06:02 01:24:07:21 THE WHITE CITY'S RICHEST LEGACY  
 516 01:24:07:23 01:24:09:14 IS THE CONFIDENCE  
 OF ITS BUILDERS  
 517 01:24:09:16 01:24:11:13 IN THE POSSIBILITIES  
 OF URBAN LIFE.  
 518 01:24:11:15 01:24:13:28 THEIR CONVICTION  
 THAT THE MODERN METROPOLIS  
 519 01:24:14:00 01:24:15:15 WITH ITS ENORMOUS PROBLEMS  
 520 01:24:15:17 01:24:17:23 COULD BE MADE OVER  
 INTO A WORK OF ART.  
 521 01:24:17:25 01:24:21:04 BUT A GREAT CITY IS NOT A WORK  
 OF INSPIRED SCENE-PAINTING  
 522 01:24:21:06 01:24:22:23 STATIC AND SPLENDID.  
 523 01:24:22:25 01:24:25:25 IT'S A LIVING DRAMA WITH A HUGE  
 AND VARIED CAST OF CHARACTERS  
 524 01:24:25:27 01:24:29:12 AND WITH A PLOT FULL OF  
 CONFLICT, TENSION AND SPECTACLE.  
 525 01:24:29:14 01:24:32:20 PEOPLE WILL ALWAYS DISAGREE  
 ABOUT HOW TO MAKE CITIES BETTER.  
 526 01:24:32:22 01:24:34:10 DREISER SPEAKS  
 FOR THOSE WHO INSIST  
 527 01:24:34:12 01:24:37:04 THAT CITIES SHOULD BE ALLOWED  
 TO GROW FREELY AND NATURALLY  
 528 01:24:37:06 01:24:39:07 ACHIEVING A KIND OF  
 MESSY VITALITY.  
 529 01:24:39:09 01:24:41:01 WHILE BURNHAM SPEAKS FOR THOSE  
 530 01:24:41:03 01:24:43:05 WHO LEAN TOWARD ORDER  
 AND PLANNING.  
 531 01:24:43:07 01:24:44:28 BUT BOTH DREISER AND BURNHAM  
 532 01:24:45:00 01:24:47:18 IGNORED THE LESSON  
 THEIR OWN CITY PROVIDED:  
 533 01:24:47:20 01:24:49:28 THAT A GREAT CITY  
 IS AN UNEASY BALANCE  
 534 01:24:50:00 01:24:53:17 BETWEEN ORDER AND ENERGY,  
 PLANNING AND PRIVATISM  
 535 01:24:53:19 01:24:55:06 CAPITALISM AND COMMUNITY.  
 536 01:24:55:08 01:24:57:01 JANE ADDAMS AND PHILIP ARMOUR.

537 01:24:59:03 01:25:02:03 WHAT DREISER DID UNDERSTAND IS  
 THE MEANING OF THE WHITE CITY.  
 538 01:25:02:05 01:25:04:15 HE LOVED THE FAIR  
 AND TOOK HIS DYING FATHER THERE  
 539 01:25:04:17 01:25:05:25 IN A WHEELCHAIR TO SEE IT.  
 540 01:25:05:27 01:25:07:26 BUT HE, LIKE MOST  
 STREET SMART CHICAGOANS  
 541 01:25:07:28 01:25:11:23 SAW IT FOR WHAT IT WAS--  
 A SUMMER CITY--  
 542 01:25:11:25 01:25:13:20 NOT THE REAL THING.  
 543 01:25:16:17 01:25:19:22 DREISER TOOK CHICAGO, AND LATER  
 NEW YORK, FOR WHAT THEY WERE--  
 544 01:25:19:24 01:25:21:27 THE GOOD AND THE BAD--  
 AND BROUGHT THEM BACK TO US  
 545 01:25:21:29 01:25:23:25 IN PROSE PORTRAITS  
 THAT RIVAL THOSE  
 546 01:25:23:27 01:25:26:06 OF THE OUTSTANDING URBAN  
 INTERPRETERS OF THE AGE  
 547 01:25:26:08 01:25:29:01 HONORE DE BALZAC  
 AND CHARLES DICKENS  
 548 01:25:29:03 01:25:31:23 AND HE CAUGHT THE SIGNIFICANCE  
 OF WHAT HE WITNESSED:  
 549 01:25:31:25 01:25:35:12 CHICAGO WAS AN UNEQUALED PLACE  
 TO WATCH, WHAT HE CALLED  
 550 01:25:35:14 01:25:37:01 "A NEW WORLD IN THE MAKING."