RIVERSIDE CALIFORNIA

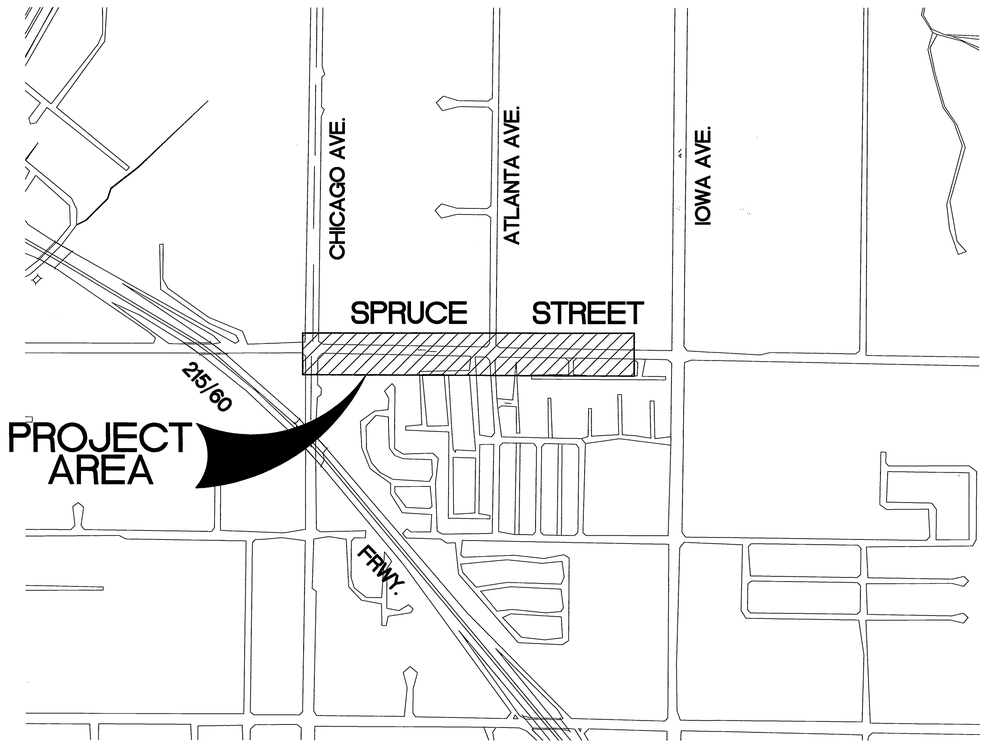
PUBLIC WORKS DEPARTMENT

SPRUCE STREET STREET IMPROVEMENTS

CHICAGO AVENUE TO IOWA AVENUE

SPECIFIC CONSTRUCTION NOTES:

- ⬢ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ — ADJUST SEWER, STORM DRAIN, ELECTRIC TRAFFIC SIGNAL BOXES, WATER VAULT OR GATE VALVES TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS AND TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
- R S — SAWCUT, REMOVE, AND REPLACE EXISTING ASPHALT CONCRETE PAVEMENT AND/OR CONSTRUCT WITH STRUCTURAL SECTION OF 6" D.G.A.C. OVER COMPACTED NATIVE SOIL.
- REL — RELOCATE EXISTING SIGNS AS DIRECTED BY THE PUBLIC WORKS INSPECTOR.
- R — REMOVE EXISTING IMPROVEMENTS AS REQUIRED TO COMPLETE CONSTRUCTION.
- T I — TRANSPLANT EXISTING TREE ON SITE AS DIRECTED BY THE STREET TREE INSPECTOR AND AS DESCRIBED IN THE ACCOMPANYING SPECIAL PROVISIONS. FOR LOCATION AND DIAMETER SEE PLAN.
- W — WATER METERS TO BE RELOCATED BY PUBLIC UTILITIES DEPARTMENT, WATER DIVISION. BACKFLOW DEVICES ARE TO BE RELOCATED BY CONTRACTOR. THE METER BOX AND VAULT COVERS ARE TO BE ADJUSTED TO GRADE BY THE CONTRACTOR.
- SL — STREET LIGHTS TO BE RELOCATED BY CONTRACTOR
- M — RELOCATE MAIL BOX PER SPECIAL PROVISIONS PART 3, CONSTRUCTION METHODS.
- FEN — REMOVE CHAIN LINK FENCE TO RIGHT-OF-WAY.
- G — GRIND CURB FACE TO 0" – SEE DETAIL
- MW — CONSTRUCT MONOLITHIC WALL (VARIABLE HEIGHT) WITH SIDEWALK.
- CON — EXTEND EXISTING CONDUIT IN-KIND (1"MIN.) AND 2-#8 Cu CONDUCTORS FROM EXISTING STREET LIGHT LOCATION TO PROPOSED LOCATION AS SHOWN.
- TL — RELOCATE EXISTING TREE LIGHT AND RELATED ELECTRICAL SYSTEM TO BACK OF WALK AND ADJUST TO GRADE.



GENERAL CONSTRUCTION NOTES:

1. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
2. ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
3. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS "A" LICENSE.
4. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DWGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2003 EDITION.
5. TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH STRAIGHT LINE.
6. CONTRACTOR SHALL REPLACE ALL DAMAGED OR REMOVED LANDSCAPING AND IRRIGATION SYSTEMS AS REQUIRED.
7. CONTRACTOR SHALL PRUNE EXISTING STREET TREES, INCLUDING ROOT PRUNING, AND SHRUBS AS REQUIRED FOR STREET IMPROVEMENT CONSTRUCTION.

CONSTRUCTION LEGEND:

CENTER LINE —— ℄ ——
RIGHT-OF-WAY —— R/W ——
SUBDIVISION LOT LINE —— PL ——
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND:

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER —— 8"S ——
WATER LINE —— 6"W ——
STORM DRAIN —— 24"SD ——
GAS LINE —— 3"G ——
ABANDONED UTILITY —— 6"G(ABAN'D.) ——
TELEPHONE CONDUIT —— T —— T ——
ELECTRICAL CONDUIT —— E —— E ——
ELECTROLIER LIGHTING CONDUIT —— ELC ——
TRAFFIC SIGNAL —— SIG —— SIG ——
FIRE ALARM —— F —— F ——

EXISTING TOPOGRAPHY:

BLOCK WALL
BOARD FENCE
WIRE FENCE
CHAIN LINK FENCE
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

- SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- STORM DRAIN M.H.
- IRRIGATION WEIR
- WATER M.H.
- GAS M.H.
- ELECTRIC M.H.
- TELEPHONE M.H.
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- AIR VALVE
- AIR VENT
- BUS STOP SIGN
- BLOW-OFF VALVE
- IRRIGATION STAND PIPE
- CONCRETE
- ASPHALT
- BUILDING
- EDGE OF PAVEMENT
- POLE & GUY ANCHOR
- POWER POLE
- TELEPHONE POLE
- TELEPHONE RISER
- JOINT USE POLE
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- STREET NAME SIGN
- GAS METER
- MAIL BOX
- FAUCET
- WALK-DON'T WALK PEDESTRIAN SIGNAL
- ELECTROLYSIS TEST STATION
- WHEEL STOP
- A.C. BERM
- PEDESTRIAN PUSH BUTTON
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL PRESSURE DETECTOR
- TRAFFIC SIGNAL LOOP DETECTOR
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
- STREET LIGHT (UPRIGHT)
- STREET LIGHT ON MAST ARM
- STEEL POST
- WOOD POST

Underground Service Alert

SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK NO. 18-B3

LOCATION:
PK NAIL AND CITY ENGINEER TAG IN CONCRETE BASE OF STREET LIGHT POLE SOUTHWEST CORNER OF IOWA AVE. AND SPRUCE AVE.

ELEV. 961.275'

CLIENT: CITY OF RIVERSIDE
TKE JOB # 108-02

TKE ENGINEERING, INC.
4446 CENTRAL AVENUE
RIVERSIDE, CA 92506
(909) 680-0440
FAX (909) 680-0490

MICHAEL PATRICK THORNTON R.C.E. No. 44226
EXPIRES: 6-30-05

REGISTERED PROFESSIONAL ENGINEER — MICHAEL P. THORNTON — No.44226 Exp.6-30-05 — CIVIL — STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: TMR DRAWN BY: MG CHECKED BY: MPT

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	DE	2/17/04
CONST/CONTRACT ADMIN.		2/17/04
STREET SERVICES		2/18/04
SURVEYOR		2/17/04
TRAFFIC DIVISION		2/17/04
PARKS DEPARTMENT		2/17/04

APPROVED BY: CITY ENGINEER
DATE: 2/17/04

STREET IMPROVEMENTS
TITLE SHEET
SPRUCE STREET
CHICAGO AVENUE TO IOWA AVENUE

ACCT. NO. 921980611-44012XX

R-3731

SHEET 1 OF 3

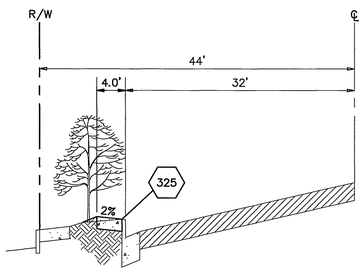
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

FILE NO.

* AS-BUILT 7-08-05 HH

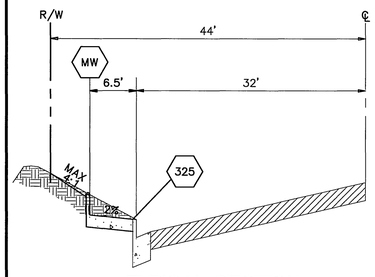
INDEXED 3-02-04 HH

CHICAGO AVE.



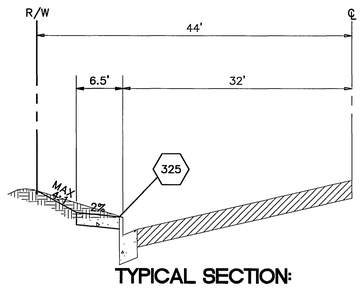
TYPICAL SECTION:
STA. 10+50 TO STA. 13+00

SCALE:
HORIZ. 1"=10'
VERT. 1"=2'



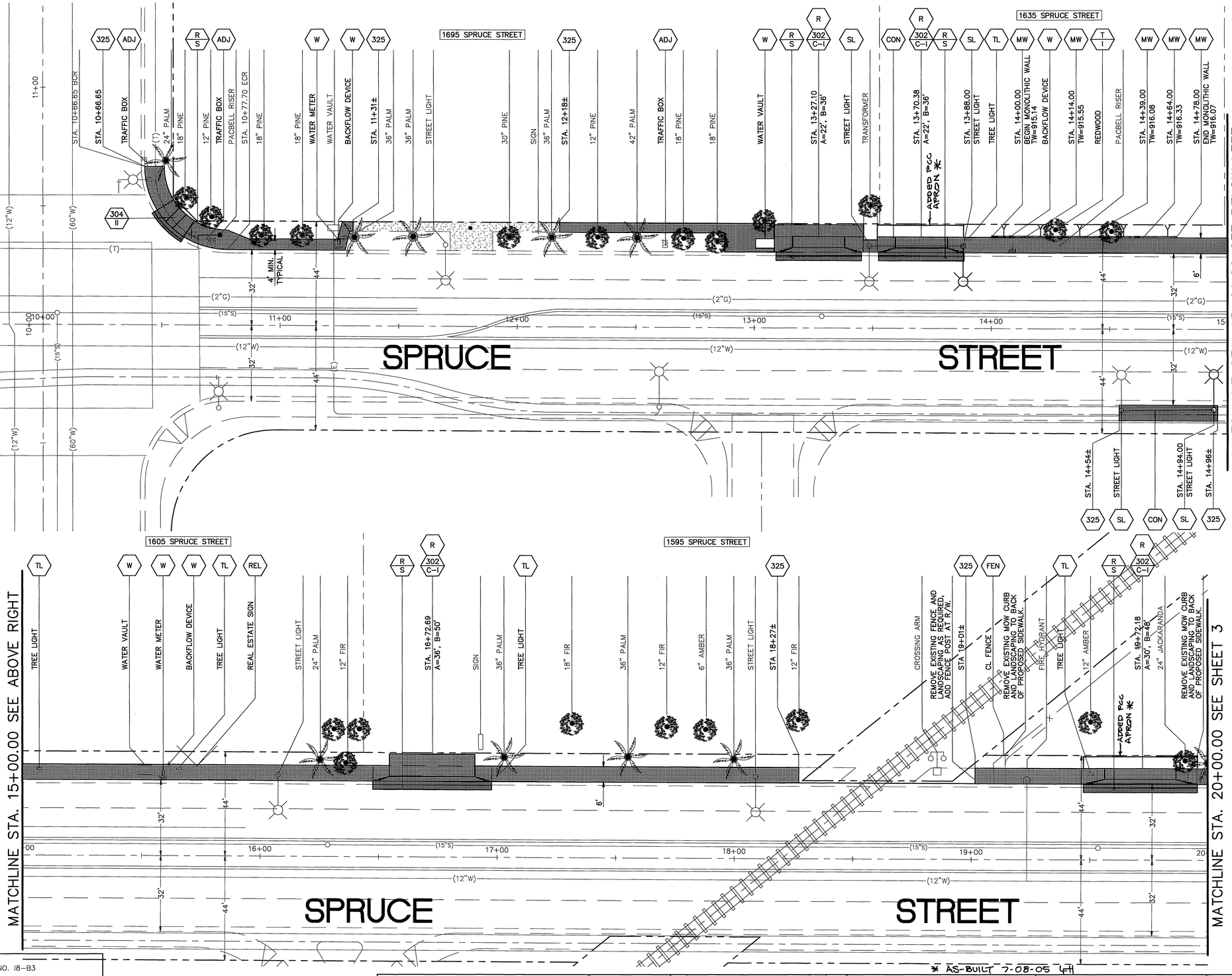
TYPICAL SECTION:
STA. 14+00 TO STA. 14+78

SCALE:
HORIZ. 1"=10'
VERT. 1"=2'



TYPICAL SECTION:
STA. 14+78 TO STA. 18+25

SCALE:
HORIZ. 1"=10'
VERT. 1"=2'



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No. 44226
Exp. 6-30-05
CIVIL
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: TMR DRAWN BY: MG CHECKED BY: MPT

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
CONST./CONTRACT ADMIN.		
STREET SERVICES		
SURVEYOR		
TRAFFIC DIVISION		
PARKS DEPARTMENT		

APPROVED BY: Kim Boyd
CITY ENGINEER
DATE: 2/15/04

STREET IMPROVEMENTS PLAN SHEET

SPRUCE STREET
CHICAGO AVE. TO IOWA AVE.

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

ACCT. NO. 9219800611-440120XX

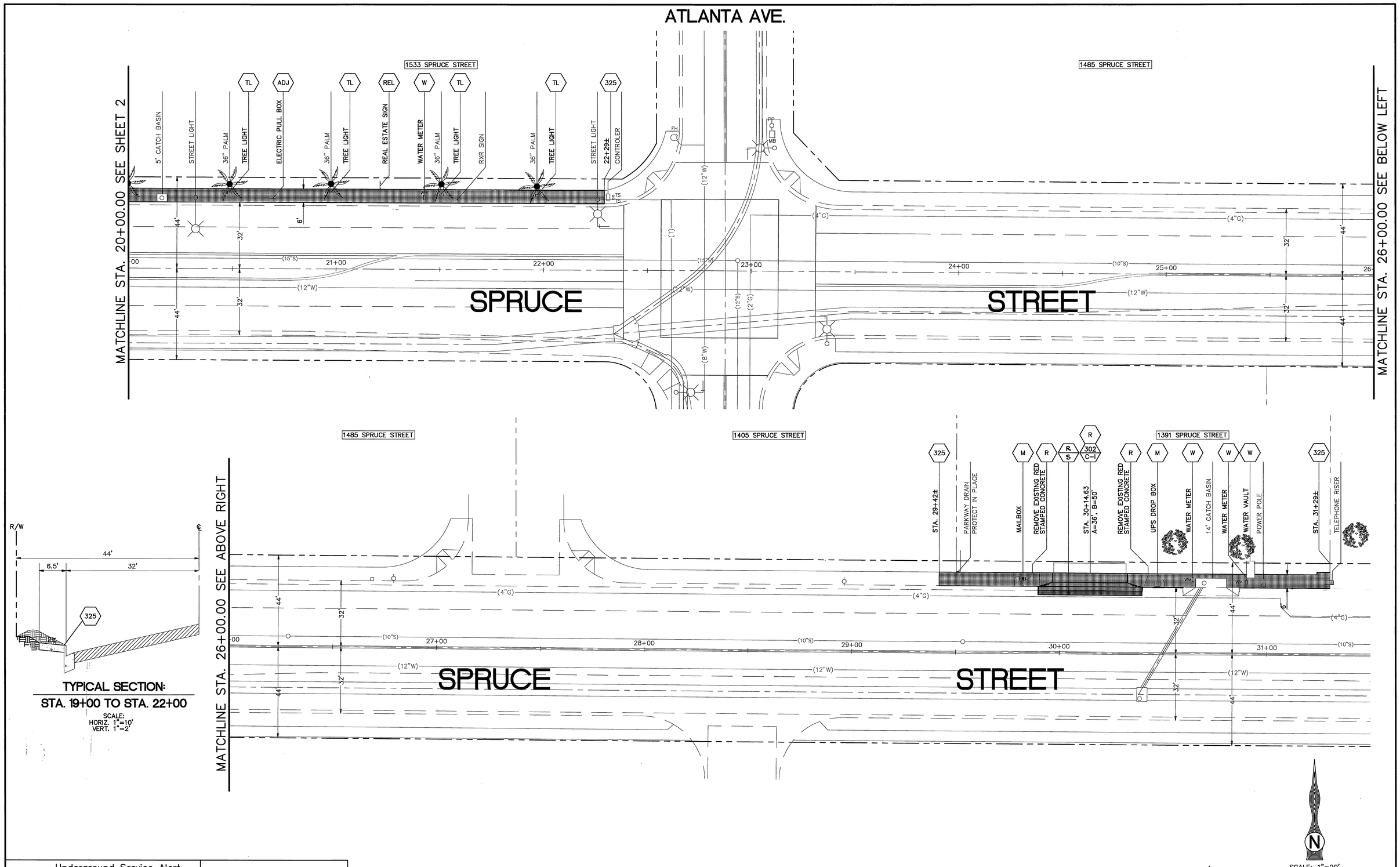
R-3731

SHEET 2 OF 3

FILE NO.

CLIENT: CITY OF RIVERSIDE
TKE JOB # 108-02

INDEXED 3-02-09 LH



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mll Rtt Tlt 2/13/04

MICHAEL PATRICK THORNTON R.C.E. No. 44226
EXPIRES: 6-30-05

REGISTERED PROFESSIONAL ENGINEER MICHAEL P. THORNTON No.44226 Exp.6-30-05 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: TMR DRAWN BY: MG CHECKED BY: MPT

* AS-BUILT 7-08-05 LH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		2/17/04
CONST.CONTRACT ADMIN.		2/17/04
STREET SERVICES		2/17/04
SURVEYOR		2/17/04
TRAFFIC DIVISION		2/17/04
PARKS DEPARTMENT		2/17/04

APPROVED BY: [signature] CITY ENGINEER
DATE: 2/17/04

STREET IMPROVEMENTS PLAN SHEET

SPRUCE STREET
CHICAGO AVE. TO IOWA AVE.

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

ACCT. NO. 9219800611-440120XX

R-3731

SHEET 3 OF 3

FILE NO.

INDEXED 3-02-04 LH