RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

2016/2017 CDBG - WARD 1 STREET IMPROVEMENTS FOR POPLAR STREET FROM ORANGE STREET TO MULBERRY STREET A HUD FUNDED PROJECT

GENERAL CONSTRUCTION NOTES:

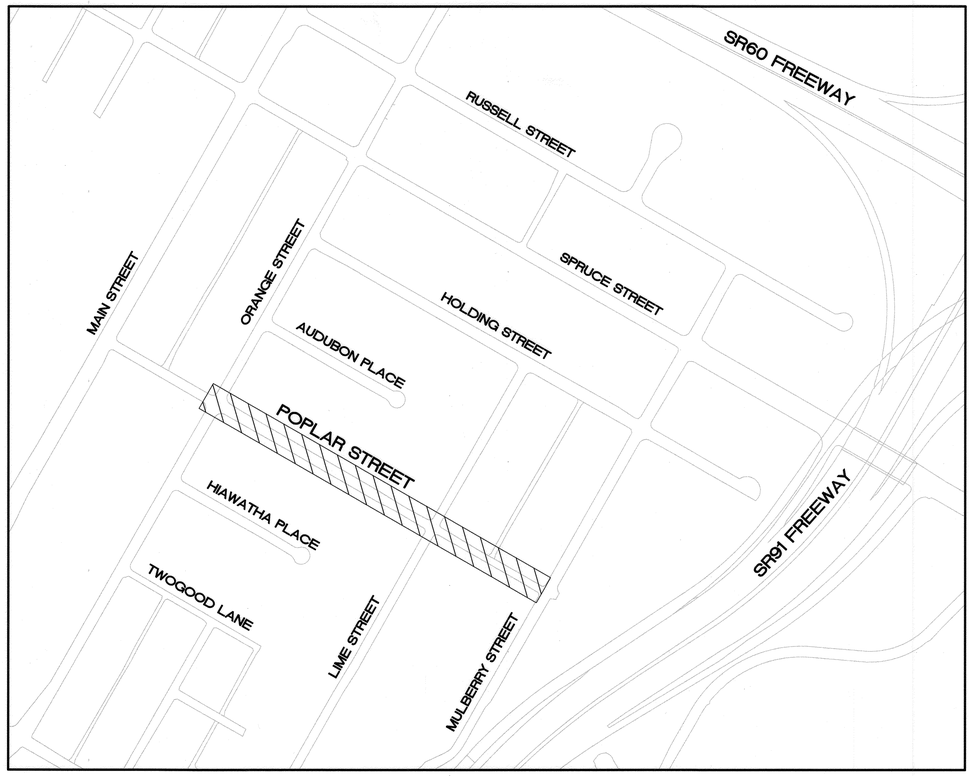
1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION.
3. EXISTING UTILITIES SHOWN 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.
4. CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. ALL STREET PULL BOXES, AFFECTED BY CONSTRUCTION, SHALL BE ADJUSTED TO THE PROPOSED GRADE.
6. PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A" LICENSE.
7. THE SEAM BETWEEN PASSES OF THE AC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, TO THE LANE LINES.
8. COLD MILLING SHALL BE AS DESCRIBED ON THE PLANS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
9. ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AFTER COLD-MILLING AND PRIOR TO PLACEMENT OF DGAC.
10. CONTRACTOR SHALL REMOVE ALL VEGETATION WITHIN ALL SIDEWALK PANELS WITHIN THE PROJECT LIMITS.
11. ALL EXISTING IMPROVEMENTS SHOWN HEREON SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
12. EXISTING IRRIGATION SHALL BE PROTECTED OR MODIFIED AS NECESSARY TO CONSTRUCT NEW CONCRETE IMPROVEMENTS.
13. ALL FENCE POSTS SHALL BE PROTECTED OR MODIFIED AS NECESSARY IF POST FOUNDATION IS WITHIN A SIDEWALK PANEL THAT HAS BEEN CALLED OUT FOR REPLACEMENT.

CONSTRUCTION NOTES:

- REMOVE AND REPLACE IN KIND EXISTING FACILITY, NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NOTE SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC TYPE, ACTION, OR MODIFICATION TO BE CONSTRUCTED. WHERE NO MODIFICATION OR TYPE IS INDICATED, THE DIMENSIONS OF NEW FACILITY SHALL BE MODIFIED AS NECESSARY, EXCLUDING ADA REQUIREMENTS, TO MATCH EXISTING FACILITY REMOVED.
- PIP / -- : PROTECT IN PLACE EXISTING FACILITY. DESCRIPTION (--) PER PLAN. (PB)=PULLBOX; (CB)=CATCH BASIN; (MH)=MANHOLE; (GV)=GATE VALVE; (WM)=WATER METER; (SL)=STREET LIGHT; (MB)=MAILBOX; (FNC)=FENCE; (GUY)=GUY ANCHOR; (BRM)=ASPHALT BERM; (PP)=POWER POLE; (DWY)=DRIVEWAY
- ADJ / XX : ADJUST TO GRADE, DESCRIPTION PER PLAN. (MH)=SEWER OR STORM DRAIN MANHOLE; (WM)=WATER METER BOX; (GV)=GATE VALVE; (ETS)=ELECTRIC TEST STATION; (MW)=MONITORING WELL
- ADJ / M1 : AFTER NEW CONCRETE CURB HAS BEEN REPLACED, ADJUST EXISTING BRICK PAVERS AND WATER METER BOX TO GRADE.
- CM2 / 0.15' : COLD MILL EXISTING AC PAVEMENT AT A DEPTH OF 0.15'.
- ARAM : CONSTRUCT ASPHALT RUBBERIZED AGGREGATE MEMBRANE PRIOR TO AC PAVEMENT OVERLAY
- OL / XX : OVERLAY AREA WITH DGAC AT A DEPTH PER PLAN.
- CM3 : REMOVE EXISTING AC PAVEMENT/BASE DOWN TO NATIVE SOIL. REMOVAL OF NATIVE OR IMPORTING AND GRADING MAY BE NECESSARY TO ACHIEVE 90% COMPACTION AND THE DESIRED PAVEMENT SECTION.
- S1 : PAVE WITH DGAC PAVEMENT AT A DEPTH OF 6" OVER COMPACTED NATIVE.
- 304 / XX : REMOVE AND REPLACE PCC PEDESTRIAN RAMP PER CITY STANDARD 304, MODIFIED PER PLAN:
  - M1 = INSTALL TYPE II-A RAMP WITH RETAINING CURB ON ONE SIDE AND RAMP UP TO THE PROPOSED SIDEWALK
- 325 / XX : REMOVE AND REPLACE PCC SIDEWALK PER CITY STANDARD 325, MODIFY AS NOTED.
  - M1 = THICKNESS SHALL BE 6"
- 325 / AC : REMOVE EXISTING AC SIDEWALK AND NATIVE MATERIAL TO CONSTRUCT NEW 5' WIDE X 3" DEEP AC SIDEWALK.
- SAW / CUT : SAW-CUT EXISTING AC PAVEMENT AND PROTECT IN PLACE EXISTING AC BERM AND SIDEWALK. CONTRACTOR SHALL REPLACE ANY DAMAGED AC BERM OR SIDEWALK AS A RESULT OF THE CM3 AC PAVEMENT REMOVAL.
- REM / TRE : REMOVE EXISTING TREE AND ROOTS AS NECESSARY
- REM / BSH : REMOVE EXISTING BUSH AND ROOTS AS NECESSARY
- R&R / FNC : REMOVE AND REPLACE EXISTING CHAIN LINK FENCE AND SWING GATES IN KIND BACK TO THE RIGHT-OF-WAY OR AS NOTED ON PLAN. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AS NECESSARY.
- RS / SGN : REMOVE AND SALVAGE EXISTING TRAFFIC SIGN TO THE CITY CORP. YARD
- GRD / 3:1 : GRADE SLOPE 3:1 PER PLAN.
- PCC / STP : CONSTRUCT 4' WIDE CONCRETE STEPS FROM THE PROPOSED SIDEWALK TO THE EXISTING FENCE WITH (2) 6" MIN. RISERS.

EXISTING TOPOGRAPHY:

- SANITARY SEWER M.H.
- STORM DRAIN M.H.
- ELECTRIC M.H.
- WATER M.H.
- GATE VALVE
- ELECTRICAL TEST STATION (GAS)
- FIRE HYDRANT
- WATER METER



LOCATION MAP

NTS

SIGNING/STRIPING GENERAL NOTES:

1. SIGNING AND STRIPING INSTALLATIONS SHALL CONFORM TO THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS DATED 2010, AND ALL ADDENDUMS THERETO, AND THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT STANDARD DRAWINGS, CURRENT EDITION.
2. ALL STRIPING, MARKINGS, AND LEGENDS SHALL BE REFLECTORIZED THERMOPLASTIC UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE AND INSTALL RAISED PAVEMENT MARKERS FOR ALL STRIPING. STRIPING, MARKINGS AND LEGENDS SHALL CONFORM TO THE LATEST CALTRANS STANDARD PLANS A20A THRU A20D AND A24A THRU A24E.
3. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL PAVEMENT STRIPING AND STENCILING WITHIN THE PERIMETER OF THE CONSTRUCTION AREA SHALL BE RESTORED TO LIKE NEW CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY OF RIVERSIDE.
4. THE CONTRACTOR SHALL RE-STRIPE EXISTING STRIPING AND CURB MARKINGS OBLITERATED BY NEW CONSTRUCTION, WHETHER OR NOT SHOWN ON THE PLANS FOR REPLACEMENT, AT NO COST TO THE CITY.
5. AT LOCATIONS WHERE EXISTING PAINTED CURB IS TO BE RECONSTRUCTED, THE CONTRACTOR SHALL PAINT THE NEW CURB AS SHOWN ON THE PLANS WITHIN 10 WORKING DAYS OF CURB CONSTRUCTION OR AS DIRECTED BY ENGINEER. THE PAINT SHALL BE WATER-BASED WITH 2-YEAR GUARANTEE AGAINST COLOR FADING. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CITY WRITTEN PROOF OF THE MANUFACTURER'S 2-YEAR GUARANTEE.
6. ALL NEW STRIPING SHALL BE "CAT TRACKED" AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER COMPLETING LAYOUT AND AT LEAST 3 WORKING DAYS BEFORE COMMENCING INSTALLATION OF STRIPING, MARKINGS AND MARKERS.
7. TRAFFIC SIGN FACE SHALL BE 3M DIAMOND GRADE DG3 REFLECTIVE SHEETING (ASTM XI) OR APPROVED EQUAL WITH PROTECTIVE GRAFFITI OVERLAY FILM OR AS OTHERWISE NOTED.
8. SIGNS SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE. PRIOR TO INSTALLATION, NEW SIGNS SHALL BE APPROVED BY THE CITY OF RIVERSIDE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED BY THE CITY ENGINEER.
9. ALL EXISTING SIGNS AND POSTS TO BE REMOVED SHALL BE DELIVERED TO THE CITY OF RIVERSIDE SIGN DEPARTMENT.
10. STRIPING SHALL BE APPLIED WITHIN 48 HOURS OF SURFACE COURSE REPLACEMENT ON STREETS OPEN TO THE PUBLIC. IN NO CASE SHALL A NEWLY PAVED STREET OPEN TO THE PUBLIC BE LEFT UNSTRIPED OVER A WEEKEND OR HOLIDAY.
11. CONTRACTOR SHALL INSTALL NEW SIGN(S) AND/OR POST(S) PER CITY OF RIVERSIDE STANDARD DRAWING No. 664, SEE SPECIFICATIONS.
12. CONTRACTOR SHALL INSTALL NEW STREET NAME SIGNS AND POST PER CITY OF RIVERSIDE STANDARD DRAWING No. 662, SEE SPECIFICATIONS.
13. ALL CONFLICTING STRIPING, PAVEMENT MARKINGS, LEGENDS, AND RAISED PAVEMENT MARKERS SHALL BE REMOVED EVEN IF NOT SHOWN ON PLANS. REMOVALS OF PAINTED STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE DONE BY WET SANDBLASTING. REMOVALS OF THERMOPLASTIC STRIPING, PAVEMENT MARKINGS AND LEGENDS SHALL BE REMOVED BY WET SANDBLASTING, GRINDING OR OTHER APPROVED METHOD AND SHALL NOT DAMAGE THE PAVEMENT. "BLACK OUT" OF EXISTING DELINEATION IS NOT PERMITTED. ALL DAMAGED PAVEMENT DUE TO REMOVALS SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A SMOOTH AND UNIFORM SURFACE OR AS DIRECTED BY THE ENGINEER. ALL STRIPING REMOVALS AND LEGENDS SHALL BE "FOG SEALED".

SHEET INDEX: STREET IMPROVEMENTS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	MAINTENANCE PLAN FROM ORANGE ST. TO 16+20.00 AND SIGNING/STRIPING PLAN
3	MAINTENANCE PLAN FOR STA. 16+20.00 TO 20+25.00
4	MAINTENANCE PLAN FOR STA. 20+25.00 TO MULBERRY C.L.

LEGEND:

- COLDMILL – CM2 (0.15') + ARAM + DGAC (0.12')
- COLDMILL – CM3 (FULL DEPTH) + 6" AC OVER NATIVE
- PROPOSED CONCRETE IMPROVEMENT
- PROPOSED AC SIDEWALK AND BERM

AS-BUILT 8-10-18

ENGINEER IN RESPONSIBLE CHARGE
Deborah Anderson
R.C.E. No. 56408 EXPIRES: 6-30-19
DATE 9/26/2017

REGISTERED PROFESSIONAL ENGINEER DEBORAH V. ANDERSON No. 56408 Exp. 06-30-19 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY DC DRAWN BY DC CHECKED BY DA

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
ENGINEERING MANAGER	E.L.	9.26.17
CONSTRUCTION ADMIN.	DC	9.26.17
TRAFFIC DIVISION		
STREETS SERVICES		
SURVEYOR		

APPROVED BY
CITY ENGINEER
DATE 9/27/17

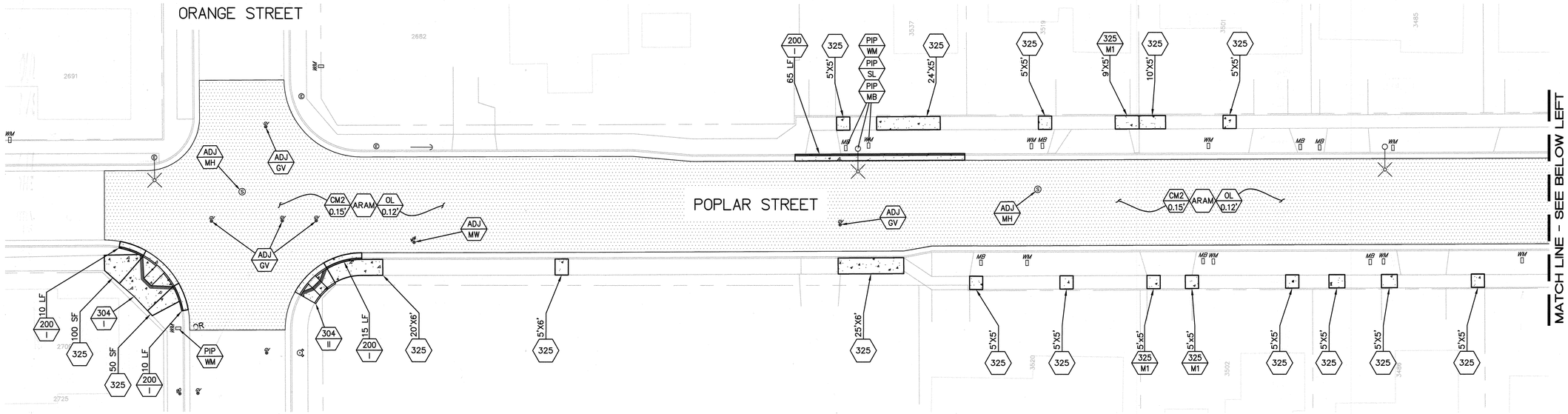
STREET IMPROVEMENTS
2016/2017 CDBG - WARD 1
POPLAR ST FROM ORANGE ST TO MULBERRY ST
TITLE SHEET
HORIZ. SCALE: N/A VERT. SCALE: N/A

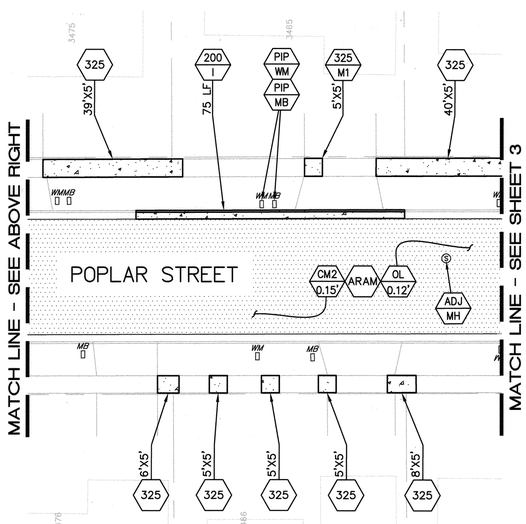
DESIGN WORK ORDER. NO.: 1718907
CONSTR. WORK ORDER. NO.: 1718908

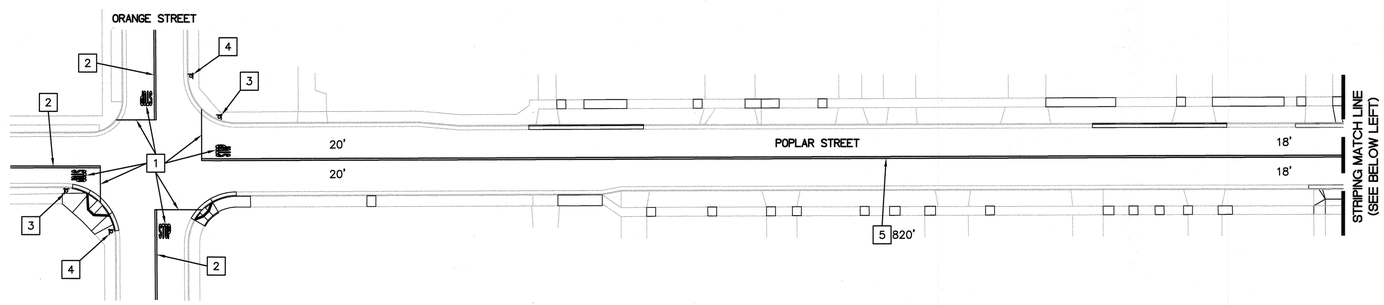
R-4390

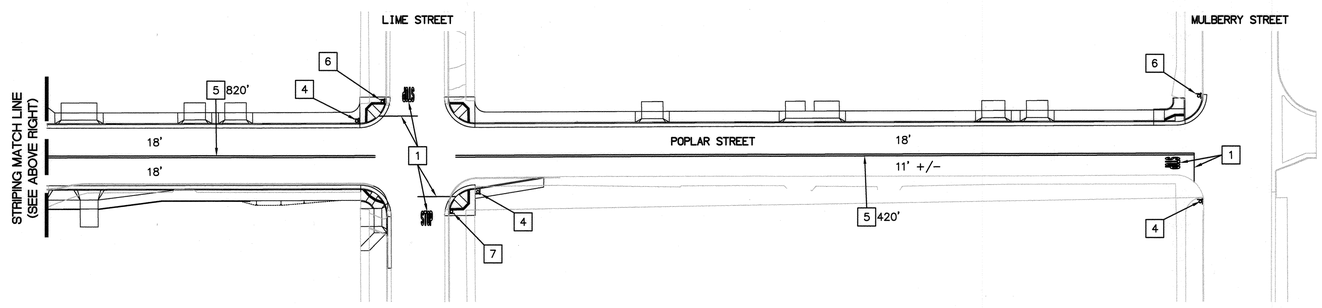
SHEET 1 OF 4

FILE NAME: R4390-1.DWG









SIGNING AND STRIPING LEGEND:

1. INSTALL 12" SOLID WHITE LIMIT LINE AND "STOP" LEGEND.
2. INSTALL 50' DETAIL 22, JOIN TO EXISTING STRIPE.
3. REMOVE AND SALVAGE EXISTING TRAFFIC SIGNS AND POST. INSTALL NEW R1-1 AND POST.
4. INSTALL NEW STREET NAME SIGN AND POST.
5. INSTALL DETAIL 22, LENGTH PER PLAN.
6. REMOVE AND SALVAGE EXISTING STREET NAME SIGNS.
7. REMOVE AND RE-INSTALL EXISTING R1-1 IN NEW CONCRETE SIDEWALK.

20 0 20 40 60
SCALE: 1"=20'

SCALE 1"=20'

CITY OF RIVERSIDE

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Deborah V. Anderson
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STREETS SERVICES		
SURVEYOR		

APPROVED BY
CITY ENGINEER
DATE 9/27/17

STREET IMPROVEMENTS

2016/2017 CDBG - WARD 1
POPLAR ST FROM ORANGE ST TO MULBERRY ST

MAINTENANCE AND SIGNING/STRIPING PLAN

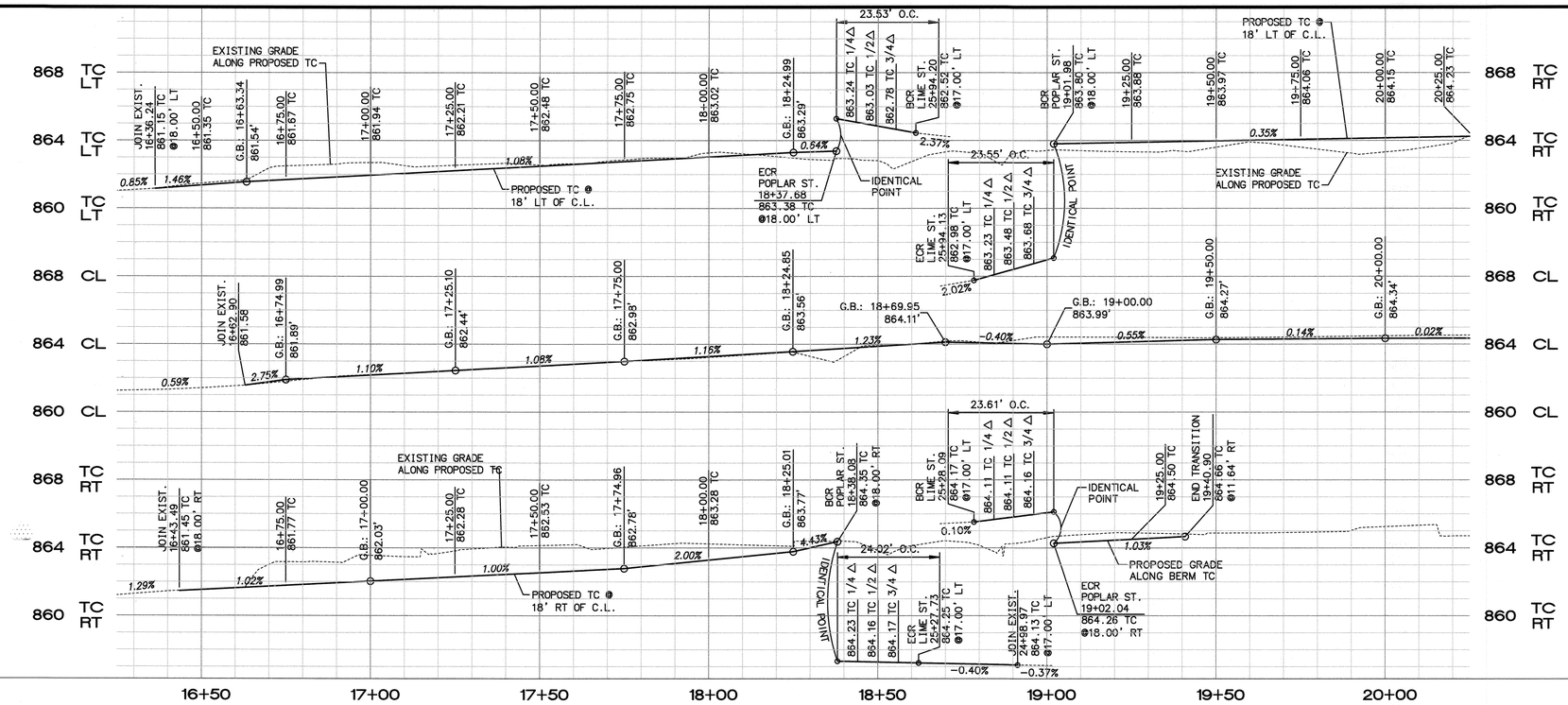
HORIZ. SCALE: 1"=40' VERT. SCALE: N/A

DESIGN WORK ORDER. NO.: 1718907
CONSTR. WORK ORDER. NO.: 1718908

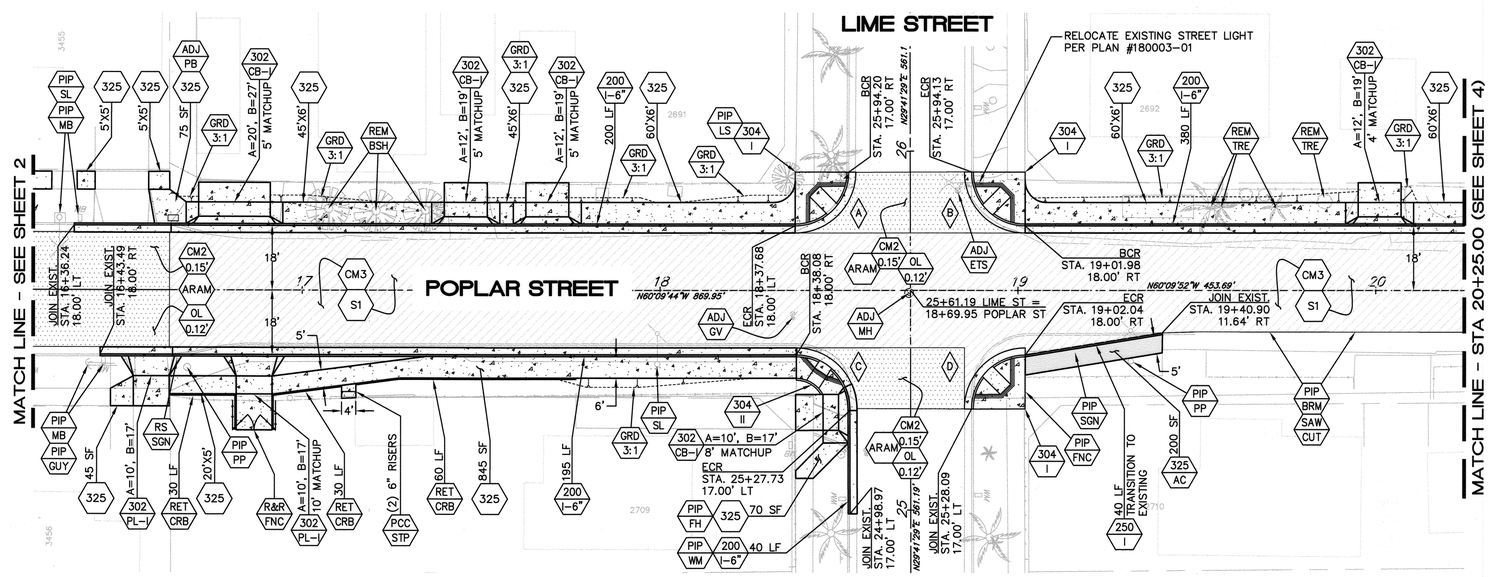
R-4390

SHEET 2 OF 4

FILE NAME: R4390-2.DWG



HORZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'



CURVE DATA TABLE				
◊ CURVE	TANGENT	LENGTH	RADIUS	DELTA
A	14.97'	23.53'	15.00'	89°53'45"
B	14.99'	23.55'	15.00'	89°57'30"
C	15.47'	24.02'	15.00'	91°42'7"
D	15.05'	23.61'	15.00'	90°11'56"

SCALE 1"=20'

CITY OF RIVERSIDE

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APPROVED BY	BY	DATE	APPROVED BY
ENGINEERING MANAGER		9.26.17	
CONSTRUCTION ADMIN.	DC	9.26.17	CITY ENGINEER
TRAFFIC DIVISION			
STREETS SERVICES			DATE 9/27/17
SURVEYOR			

STREET IMPROVEMENTS

2016/2017 CDBG - WARD 1
POPLAR ST FROM ORANGE ST TO MULBERRY ST

STA. 16+25 TO 20+25

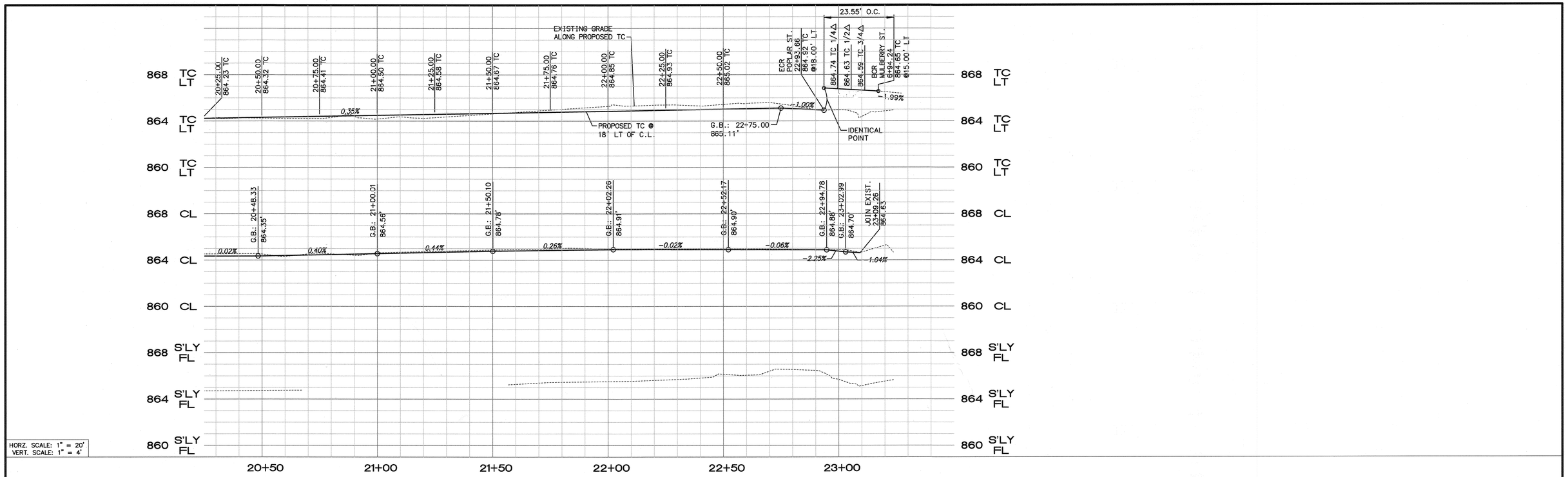
HORIZ. SCALE: 1"=20' VERT. SCALE: N/A

DESIGN WORK ORDER. NO.: 1718907
CONSTR. WORK ORDER. NO.: 1718908

R-4390

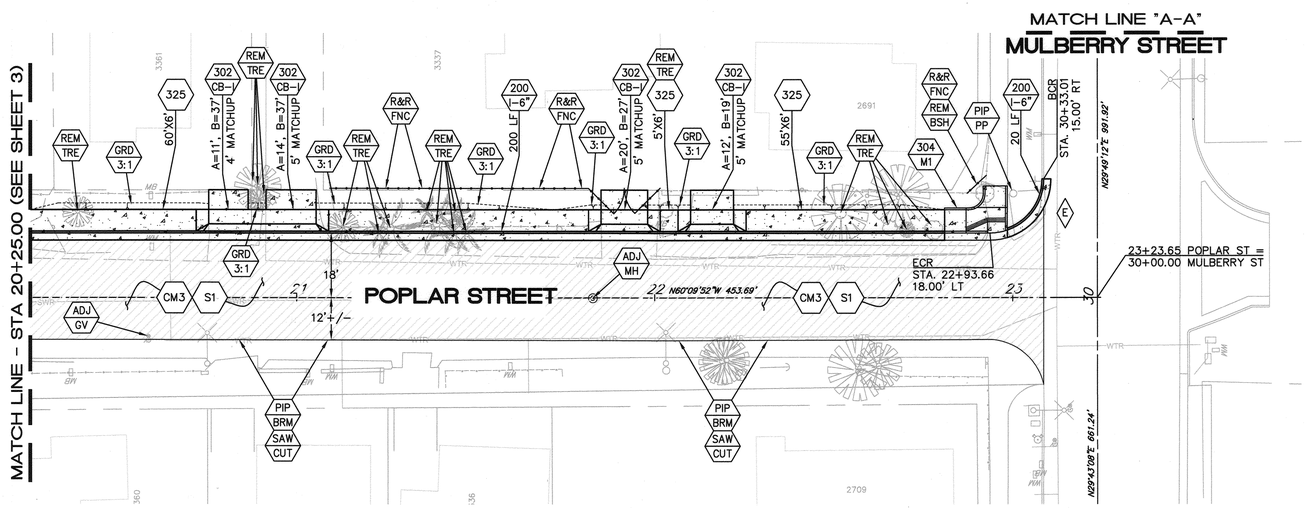
SHEET 3 OF 4

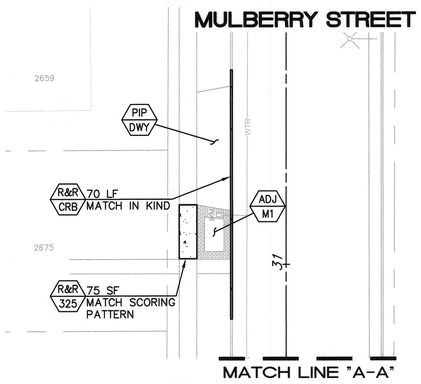
FILE NAME: R4390-3.DWG



HORZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

CURVE DATA TABLE				
◊ CURVE	TANGENT	LENGTH	RADIUS	DELTA
E	15.00'	23.55'	15.00'	90°0'56.88"





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STREETS SERVICES		
SURVEYOR		

APPROVED BY CITY ENGINEER
DATE 9/27/17

STREET IMPROVEMENTS

2016/2017 CDBG - WARD 1
POPLAR ST FROM ORANGE ST TO MULBERRY ST

STA. 20+25 TO MULBERRY C.L.

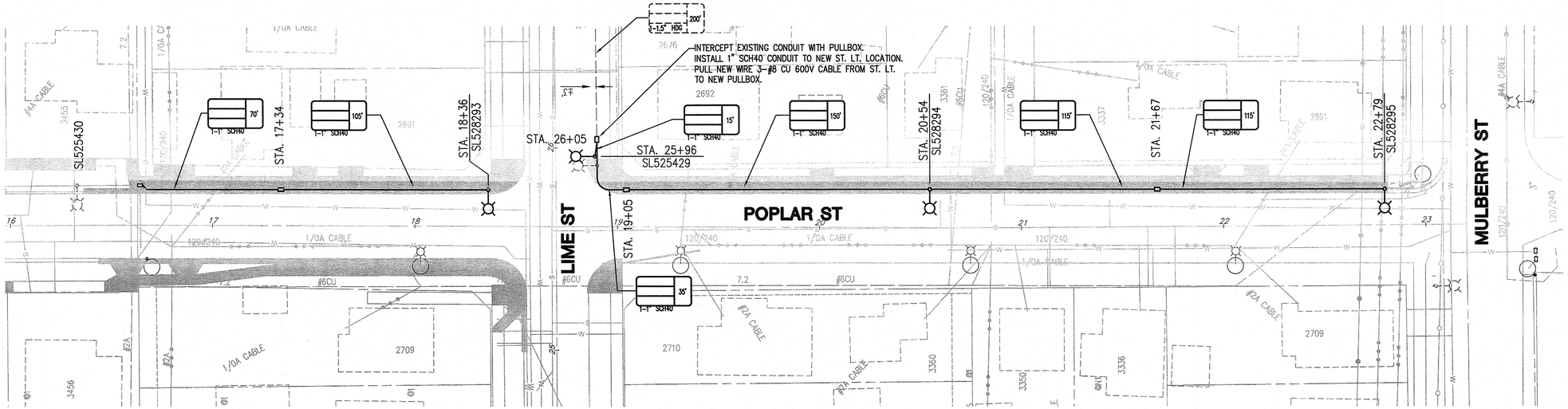
HORIZ. SCALE: 1"=20' VERT. SCALE: N/A

DESIGN WORK ORDER. NO.: 1718907
CONSTR. WORK ORDER. NO.: 1718908

R-4390

SHEET 4 OF 4

FILE NAME: R4390-4.DWG



STREET LIGHT NOTES

1. ALL FACILITIES INSTALLED BY DEVELOPER SHALL BE INSPECTED AND APPROVED BY THE DEPARTMENT CONSTRUCTION INSPECTOR (951 826-2335 OR 951-826-2416). ANY CHANGES SHALL BE APPROVED BY THE DEPARTMENT PRIOR TO EXECUTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL PHASES OF CONSTRUCTION WITH THE DEPARTMENT CONSTRUCTION INSPECTOR. THE DEPARTMENT INSPECTOR SHALL BE CONTACTED TWO WORKING DAYS IN ADVANCE OF ANY CONSTRUCTION INSPECTION TO ARRANGE FOR INSPECTION TIMES.
2. PROVIDE AND INSTALL ALL STREET LIGHT FACILITIES SHOWN INCLUDING STREET LIGHT CABLE, IN CONFORMANCE WITH THE FOLLOWING STANDARD DRAWINGS: UGS-100, UGS-800, 801, & STREET LIGHT SPECIFICATION #2-6.
3. EXCAVATION FOR STREET LIGHT CONDUIT & ELECTROLIER FOUNDATIONS MUST BE DONE AFTER INSTALLATION OF CURBS & GUTTERS, BUT BEFORE INSTALLATION OF CURB RETURNS WITH SPANDRELS, CROSS GUTTERS, SIDEWALKS, AND DRIVE APRONS.
4. INSTALL A SINGLE WATERPROOF "IN-LINE" FUSE HOLDER ON EACH PHASE LEG CONDUCTOR IN THE BASE OF EACH STREET LIGHT STANDARD. FUSE HOLDER TO BE "BUSSMAN TRON" #HEB COMPATIBLE WITH SIZE AND TYPE OF WIRE WITH A "BUSSMAN" FNM 10 AMP 250V FUSE OR APPROVED EQUAL.
5. MARK INSTALLATION DATE ON PHOTO CONTROLS AND LAMPS AS PROVIDED FOR BY MANUFACTURER.
6. ACQUIRE A STREET OPENING PERMIT PRIOR TO EXCAVATING IN STREET RIGHT-OF-WAY.
7. THIS PLAN IS ACCURATE FOR STREET LIGHT FACILITIES ONLY. SEE STREET IMPROVEMENT PLAN R4390 FOR STREET IMPROVEMENT DETAILS.
8. ALL STREET LIGHT FEED POINTS TO BE CONNECTED BY PUBLIC UTILITIES AND ENERGIZED WHEN CLEARED BY DEPARTMENT CONSTRUCTION INSPECTOR.
9. STREET LIGHT SERVICE POINTS ARE 3 WIRE, 240V SYSTEM. THE THIRD STREET LIGHT WIRE IS TO BE USED AS A BOND WIRE ONLY, AS NOTED IN SPECIFICATION #2-6. FEED POINTS TO BE CONFIRMED AT THE TIME OF CONSTRUCTION.
10. DEPARTMENT CONSTRUCTION INSPECTOR MAY REQUIRE ALL PROPERTY LINES TO BE STAKED PRIOR TO EXCAVATION FOR STREET LIGHT FACILITIES.
11. ALL CABLE TO BE AWG. #8 COPPER AS SPECIFIED IN STREET LIGHT SPECIFICATION #2-6 (STREET LIGHT CABLE).
12. CONDUIT AND FITTINGS TO BE IN CONFORMANCE WITH UGS-100. BACKFILL TO BE TYPE AND COMPACTED AS SPECIFIED IN UGS-100.1.
13. STREET LIGHT DOOR OPENING TO FACE SIDEWALK.
14. ALL CONTRACTORS WORKING ON OR AROUND THE DEPARTMENT'S UNDERGROUND ELECTRICAL FACILITIES MUST HAVE THE PROPERLY QUALIFIED PERSONNEL AND EQUIPMENT TO PERFORM THE SPECIFIED WORK. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE TO ESTABLISH AND MAINTAIN A SAFE WORKING ENVIRONMENT INCLUDING, BUT NOT LIMITED TO WORK AROUND ENERGIZED HIGH VOLTAGE FACILITIES, GAS TESTING OF CONFINED SPACES, TRAFFIC AND PROTECTION. THE DEPARTMENT'S POLICY IS TO PROVIDE ONE (1) QUALIFIED OBSERVER AFTER 24 HOURS NOTICE, TO STAND BY DURING WORK AND PROVIDE RADIO CONTACT WITH CITY OPERATIONS CONTROL. EVERY ENTRY BY ANY PERSONNEL INTO A PUBLIC UTILITIES HIGH VOLTAGE STRUCTURE WILL REQUIRE THE PRESENCE OF A QUALIFIED ELECTRICAL WORKER IN ACCORDANCE WITH Cal/OSHA. ALL DEVELOPERS AND CONTRACTORS ARE REQUIRED TO SUBMIT REQUIRED DOCUMENTATION AND FOLLOW REQUIRED PROCEDURES. COPIES OF THE POLICY AND DOCUMENTS MAY BE OBTAINED AT 3750 UNIVERSITY AVENUE, 3RD FLOOR RIVERSIDE, CA OR AT WWW.RIVERSIDECA.GOV/UTILITIES/ELEC-WORKERREQS.ASP
15. THE CITY OBSERVER HAS THE AUTHORITY TO STOP THE CONTRACTOR'S WORK IF HE DETERMINES THAT ADEQUATE SAFETY PRECAUTIONS ARE NOT BEING TAKEN. HOWEVER, THE PRESENCE OF THE CITY OBSERVER DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR INSURING SAFE AND APPROPRIATE WORK PRACTICES.
16. FOR ENGINEERING INFORMATION CONTACT CELINA MARAVILLA AT 951-826-2123.

SYMBOL LEGEND

PRIMARY
FUTURE TELEMETRY
SECONDARY

TRENCH SECTION LENGTH

XXX' STRUCTURE TO STRUCTURE LENGTH

QTY., SIZE & TYPE OF CONDUIT IN TRENCH WHERE:
ALL NEW CONDUIT SCH40, SCH80, OR HDG PER UGS-100
-SCH40 = SCHEDULE 40 DIRECT BURIED
-S40E = SCHEDULE 40 FULLY ENCASED IN CONCRETE

TRENCH LINE

EXISTING FACILITIES
NOTE:
COPIES OF THE UNDERGROUND STANDARDS MAY BE OBTAINED AT 3750 UNIVERSITY AV. 3rd Floor, RIVERSIDE, CA OR AT
http://www.riversideca.gov/utilities/developers/electric-engineering-underground-construction.asp

W — WATER FACILITIES
S — SEWER FACILITIES
SD — STORMDRAIN FACILITIES
EXISTING WOOD POLE
EXISTING MAST ARM STREETLIGHT
EXISTING 3-WIRE FACILITIES
EXISTING 4-WIRE FACILITIES

STREET LIGHT LEGEND

STREET LIGHT ELECTROLIER
CONCRETE STANDARD 24'-3" PER ITEM S-2,
LUMINAIRE TO BE GE-ERL1-005E130AGRAYL 41W LED, 4800L, OR APPROVED EQUAL.
TO BE FURNISHED WITH PHOTOMETRIC TYPE III, AND PHOTO CONTROL.
120/240V, ALL PER UGS-800 & UGS-801.

1" DIRECT-BURIED SCHEDULE 40 PVC CONDUIT
W/ 3-#8 CU 600V CABLES

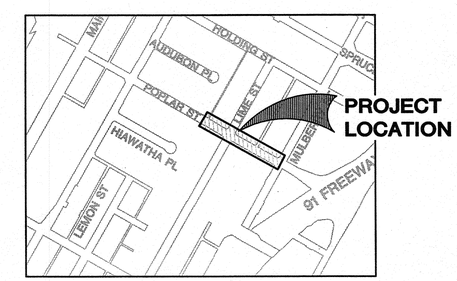
PULLBOX (11"X 17"X 12")
PER ITEM NO. P1(ESB-1) OF UGS-803, UGS-311.1 & UGS-320

EXISTING STREETLIGHT
CONCRETE STANDARD PER ITEM S-2,
HANDLE WITH CARE.
IF LIGHT POLE REPLACEMENT IS REQUIRED,
USE LP-2, ALL PER UGS-800 & 801.

GENERAL NOTES

1) EXISTING CONCRETE STANDARD MISSING TAG SL525429
2) ANY EXCESS DECORATIVE WHITE ROCK TO BE RETURNED TO RESIDENT AT 2692 LIME ST.

IMPORTANT NOTICE
Section 4216 of the Government Code requires a 2 day notification prior to excavating in the state of California. Failure to comply with this section may result in a fine of $10,000 for each day in violation. For your own safety, we recommend CALL TOLL FREE 48 HOURS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
811



VICINITY MAP
NOT TO SCALE

TASK #1 DESIGN
TASK #2 CONTRACT ADMIN.
EST. DEM:
REF DWGS: CADME
CIRCUIT # 10

STREETLIGHT LAYOUT DESIGN FOR:
STREET IMPROVEMENT 2016/2017 CDBG
LIME ST AND POPLAR ST N/E CORNER

SCALE 1" = 30'	DRAWN M.W./CAM	CITY OF RIVERSIDE DEPARTMENT OF PUBLIC UTILITIES
DATE 08/28/2017	CHECKED A. PARRA	TASK # 01
JPA NO. N/A	APPROVED	WORK ORDER # 1806126 UL
MAP BK 25-5	BOARD DATE N/A	DIV. E / SIZE 5 / PROJECT-SUBPROJECT # 180003-01
PERMIT NO. N/A	ACCT. 613000-470607	SHEET 1 OF 1

ASBUILT	APPRVD.	REVISIONS	DATE

NOV 09 2017
Street Light ~~NOV 06 2017~~