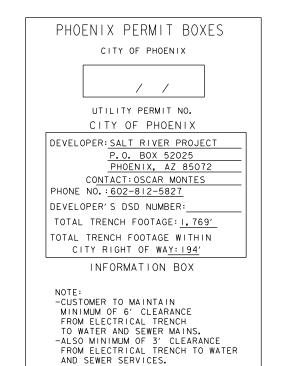
CITY OF PHOENIX GENERAL NOTES FOR UTILITY CONSTRUCTION "EXHIBIT E"

- 1. All utility construction shall conform to the latest Maricopa Association of Governments (MAG) Uniform Standard Specifications and Details for Public Works Construction, and the City of Phoenix Supplements to MAG.
- All work performed in the City of Phoenix rights-of-way shall be governed by the latest edition of the City of Phoenix Traffic Barricade Manual.
- 3. This set of plans was reviewed by the City of Phoenix Utility Coordination Section in compliance with City requirements. However, such review shall not prevent the City from requiring correction of errors found to be in violation of any law, ordinance or City of Phoenix requirement for utility construction in the rights-of-way.
- 4. The contractor shall have a copy of the approved/stamped construction plans and approved traffic control plan at the project site at all times.
- 5. All utilities crossing streets must be bored or punched unless permission to open cut has been given in writing by the Street Transportation Director.
- 6. Before starting any work on a major or collector street, the utility company shall schedule a preconstruction meeting with the City of Phoenix Street Transportation Department's Utility Inspection Section.
- 7. The City of Phoenix does not warrant any quantities shown on these plans.
- 8. Utility companies shall coordinate alley work with the City of Phoenix Public Works
- Department's Solid Waste Division.
- 9. The utility company shall contact the City of Phoenix Street Transportation Department's Utility Inspection Section a minimum of 48 hours in advance of starting work, giving location and permit number in order to schedule inspections.
- 10. All work requiring asphalt replacement, concrete replacement, or resurfacing alleys in the City of Phoenix right-of-way will require a final inspection with the utility company representative at time of completion.
- 11. Maintain a minimum six (6) feet horizontal separation and one (1) foot vertical separation from all water and sewer mains, all measurements outside to outside.
- 12. City of Phoenix Utility Inspection Section reserves the right, at their discretion, to request a land survey of the proposed improvements, running line and right-of-way per MAG Section 601.2.3 and 608.4.3.

City of Phoenix Street Transportation Department

Revised November 2016



D13

SID 103 MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION (MCDOT) GENERAL NOTES FOR RIGHT-OF-WAY PERMITS I. All work shall conform to the revised edition of the Uniform Standard Specifications and Details for Public Works Construction published by the Maricopa Association of Governments (MAG) as authorized and modified by the most current MCDOT supplement to the MAG Uniform Standard Specifications and Details and non-conflicting project Special Provisions. All work must also comply with Resolution 2001-01 Maricopa County Resolution for Permits to Work in Dedicated Right-of-way and Resolution 2001-02 Maricopa County Resolution for Street Improvements, Installation of Utilities and Traffic Control. Any exceptions must receive explicit approval from MCDOT and shall be identified on the plans as having explicit approval from MCDOT. All clear zone hazards shall be mitigated in a manor approved by MCDOT at no cost to the County. 2. The engineering designs on these plans are only approved by MCDOT in concept and not in detail. Construction quantities on these plans are not verified by MCDOT. Approval of these plans are for permit purposes only and shall not prevent MCDOT from requiring correction of errors in the plans where such errors are subsequently found to be in violation of any law, ordinance, health, safety, the MCDOT Roadway Design Manual, or other design issues. An approved set of plans shall be on the site during construction and available to MCDOT and other inspectors.
4. All box culverts constructed in the public Right-Of-Way shall comply with Arizona Department of Transportation (ADOT) latest design specifications and standards. Minimum clear height of box Contractor to obtain MCDOT permits prior to construction within County Right-Of-Way, and all necessary permits from other agencies and from local governments for work within their jurisdiction.
6. Contractor shall notify the MCDOT Inspection Dept. at least 24 hours in advance of any construction at (602) 506-8606. 7. Contractor performing construction or excavating operations is responsible for locating and relocating all utilities in conflict at no expense to Maricopa County. The Contractor shall contact "Blue Stake" at (602) 263-1100 prior to beginning construction.

8. The Contractor is responsible for obtaining any required permits for earth moving from Maricopa County Air Quality Department's Dust Compliance Division (602) 506-6010 prior to conducting County Air Quality Department's Dust Compliance Division (602) 506-6010 prior to conducting excavation operations. A copy of the permit and dust control plan shall be submitted to the County Engineer prior to commencement of any earthmoving activities.

9. Prior to conducting excavation operations, the Contractor shall obtain from the Arizona State Historical Preservation Officer (602) 542-4009, recommendations regarding the need for cultural resources (archaeological) clearance. All discoveries of human remains, cultural artifacts, or paleontological remains shall be reported to the Arizona State Museum and MCDOT. Upon discovery, Contractor shall cease operations in the vicinity of the find and protect the discovery area from further disturbance until the find can be professionally investigated by the Arizona State Museum and MCDOT. 10. Except under emergency conditions, roads shall not be closed for construction activity unless prior approval is obtained from the MCDOT Transportation Director or his representative.

II. Prior to moving or destroying protected native plant species, the Contractor shall file a formal Notice of Intent with the Arizona Department of Agriculture Native Plants (602) 542-6408.

I2. Prior to installation of curb, gutter, sidewalk, base course and wearing surface, submit soil test(s) of subgrade and revised pavement design/calculations to MCDOT for review and approval. If subgrade stabilization is required, the area stabilized shall be from back of sidewalk to back of sidewalk and match the stabilization depth of the pavement structure.

13. Asphalt mix design shall be submitted to MCDOT a minimum of 48 hours prior to placing any asphalt courses. (Trench work excluded.) All paved turnouts shall have the same asphalt and base requirements as the adjacent roadway unless noted otherwise. 14. All compaction and backfill within County Right-Of-Way shall conform to the MCDOT Supplement to MAG Specification section 601. Backfill under existing pavement, curb and gutter, roadway shoulders, and unpaved roadways shall consist of one-half (1/2) or one sack CLSM. Unpaved roadway areas include the travelled way plus five feet beyond the travelled way.

15. All structures, such as manholes, valve box & covers, and monitoring wells must be marked with at least two reflective yellow flex posts when structures are located outside the traveled way and within the Right-Of-Way. (Applies only when there is no curb.)

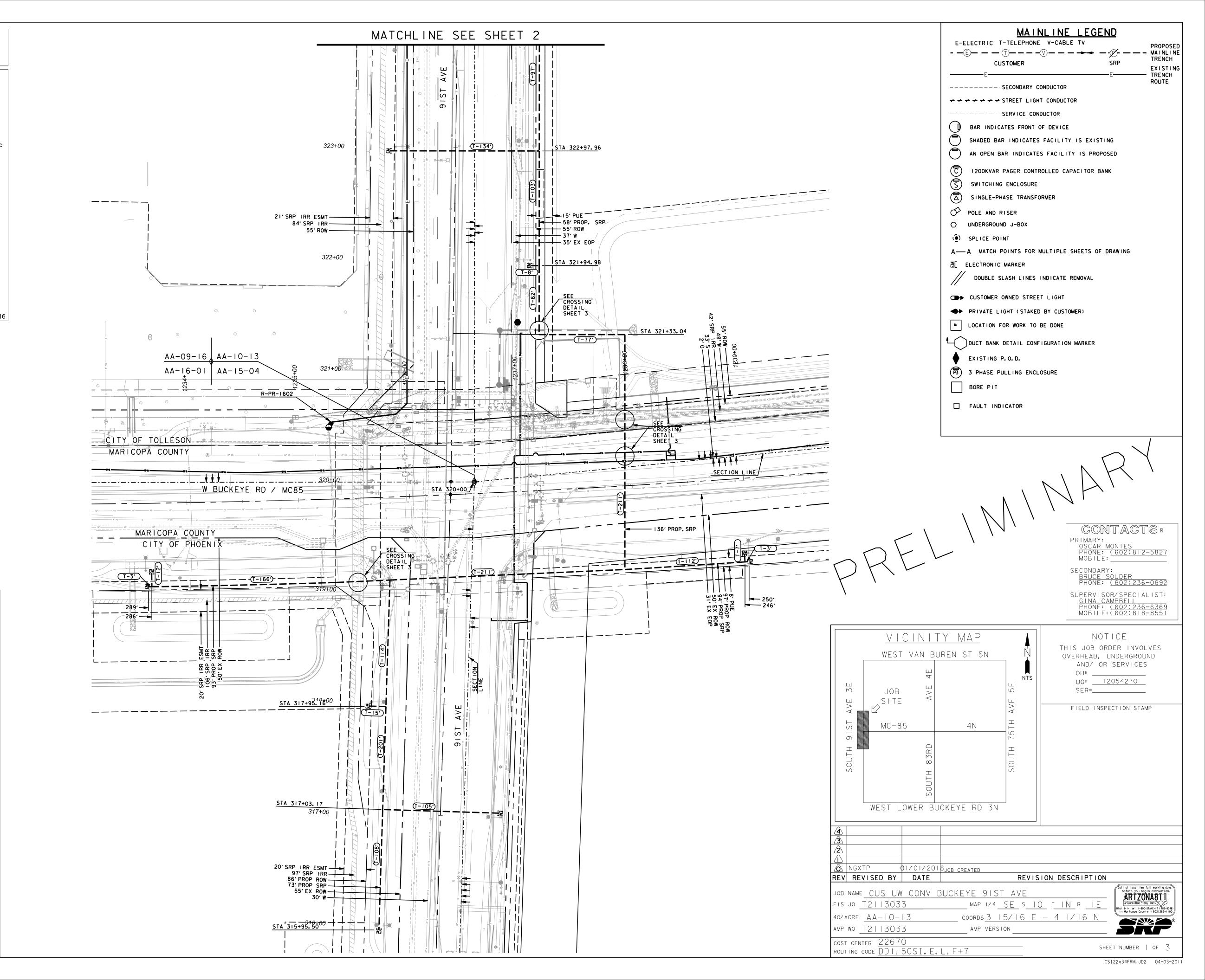
16. Pavement widening and pavement replacement shall conform to requirements of specification section 336. Pavement cuts shall not be located within a lane wheel path. The lane wheel path is the entire lane width except the area within one foot of a lane line stripe and except the center two feet of the travel lane. Two feet of the fravel lane.

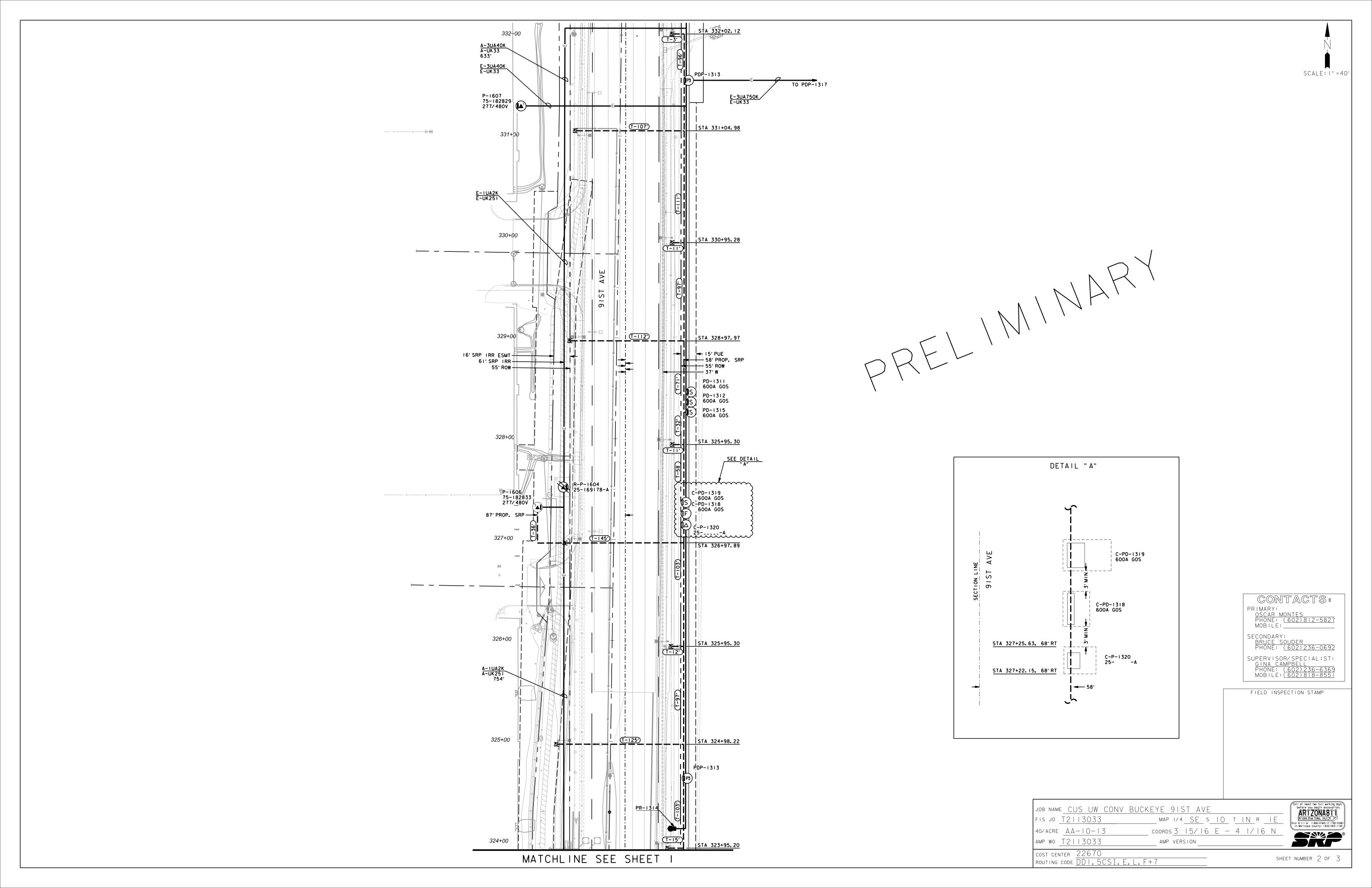
17. All existing pavement markings, traffic signs and signal equipment that need to be removed, replaced, relocated or repaired because of contractor's work will be done by the contractor at his expense. All salvaged signs shall be delivered to the Traffic Ops building at 2909 W. Durango St. Arrangements can be made for delivery by calling (602) 506-8662. All new street name signs shall be provided and installed by permittee at no expense to Moricopa County. 18. Pavement marking, signing and signal work will be inspected and shall meet County Standards before release of bond.

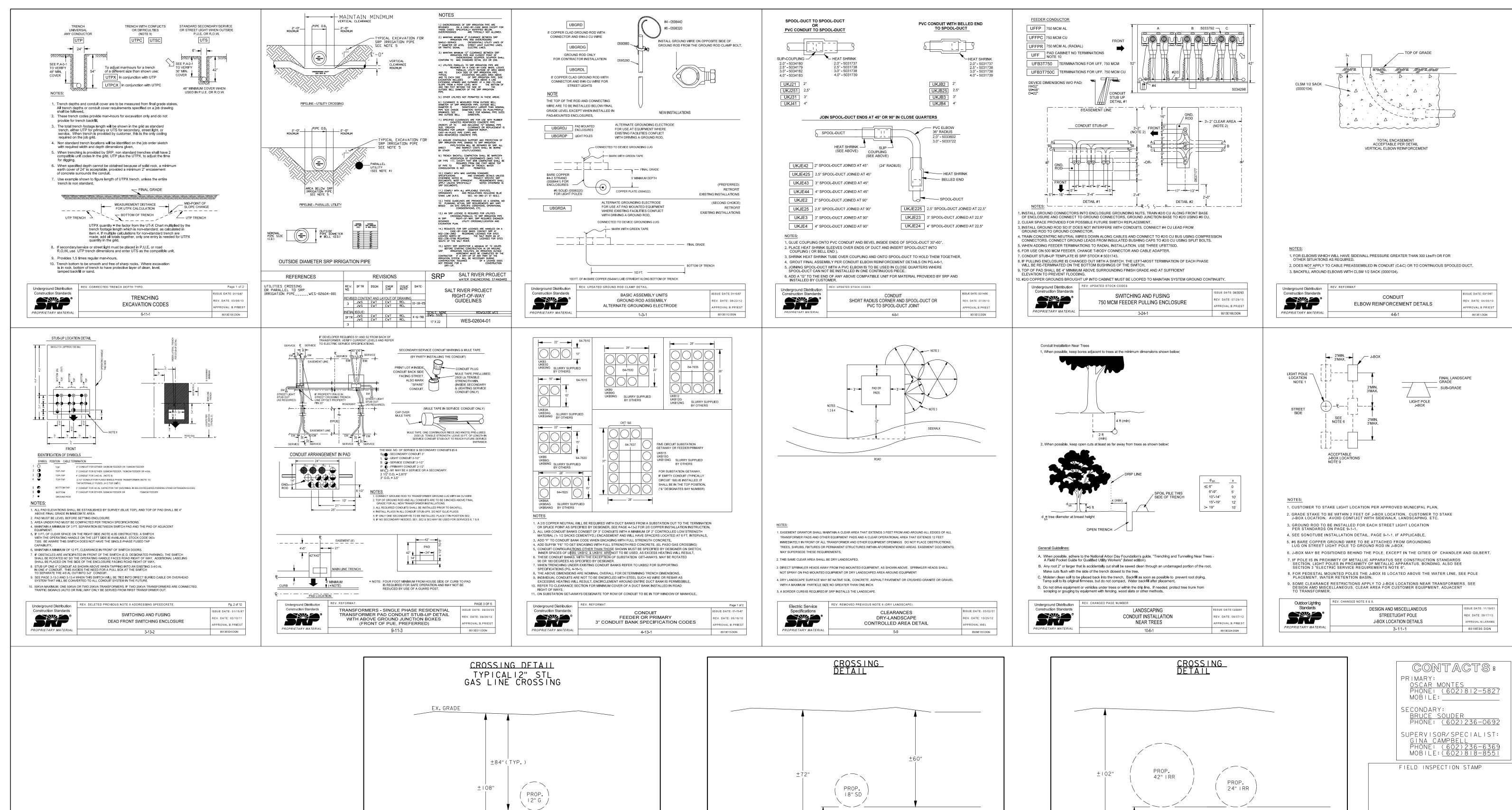
19. The contractor shall restore all disturbed areas within the Right-Of-Way to a condition equal to or better than prior existing conditions per MAG 107.9. Disposal of all waste material will be the responsibility of the Contractor.

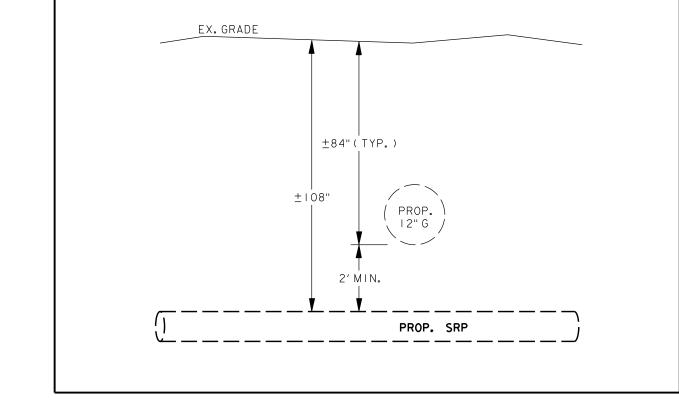
SID 103 rev 06/12/2013

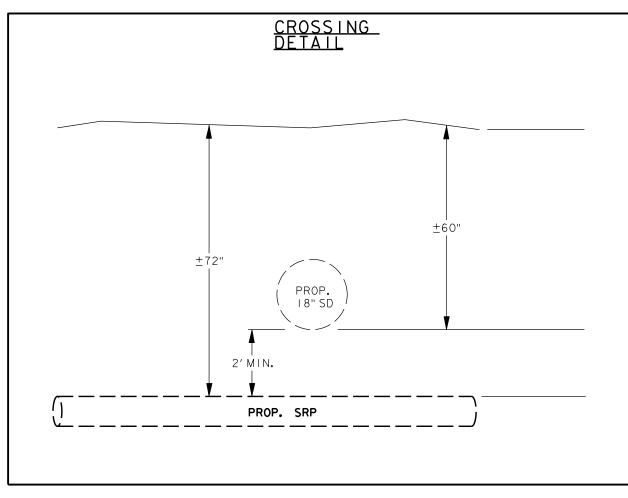
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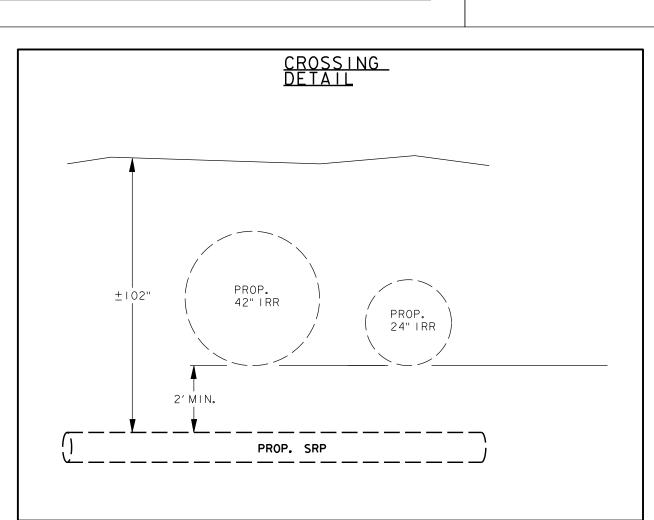


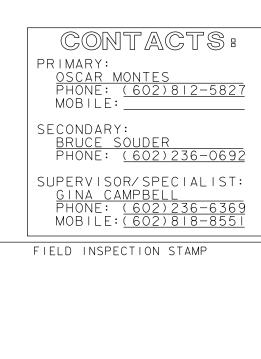


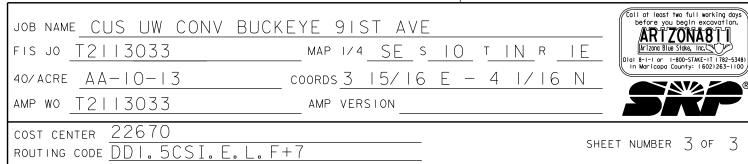












CITY OF PHOENIX GENERAL NOTES FOR UTILITY **CONSTRUCTION**

"EXHIBIT E"

- 1. All utility construction shall conform to the latest Maricopa Association of Governments (MAG) Uniform Standard Specifications and Details for Public Works Construction, and the City of Phoenix Supplements to MAG.
- 2. All work performed in the City of Phoenix rights-of-way shall be governed by the latest edition of the City of Phoenix Traffic Barricade Manual.
- 3. This set of plans was reviewed by the City of Phoenix Utility Coordination Section in compliance with City requirements. However, such review shall not prevent the City from requiring correction of errors found to be in violation of any law, ordinance or City of Phoenix requirement for utility construction in the rights-of-way.
- 4. The contractor shall have a copy of the approved/stamped construction plans and approved traffic control plan at the project site at all times.
- 5. All utilities crossing streets must be bored or punched unless permission to open cut has been given in writing by the Street Transportation Director.
- 6. Before starting any work on a major or collector street, the utility company shall schedule a preconstruction meeting with the City of Phoenix Street Transportation Department's Utility Inspection Section.
- . The City of Phoenix does not warrant any quantities shown on these plans.
- 8. Utility companies shall coordinate alley work with the City of Phoenix Public Works Department's Solid Waste Division.
- 9. The utility company shall contact the City of Phoenix Street Transportation Department's Utility Inspection Section a minimum of 48 hours in advance of starting work, giving location and
- permit number in order to schedule inspections. 10. All work requiring asphalt replacement, concrete replacement, or resurfacing alleys in the City of Phoenix right-of-way will require a final inspection with the utility company representative at time of completion.
- 11. Maintain a minimum six (6) feet horizontal separation and one (1) foot vertical separation from all water and sewer mains, all measurements outside to outside.
- 12. City of Phoenix Utility Inspection Section reserves the right, at their discretion, to request a land survey of the proposed improvements, running line and right-of-way per MAG Section 601.2.3 and 608.4.3.

City of Phoenix Street Transportation Department

Revised November 2016

SID 103
MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION (MCDOT) GENERAL NOTES FOR RIGHT-OF-WAY PERMITS I. All work shall conform to the revised edition of the Uniform Standard Specifications and Details for Public Works Construction published by the Maricopa Association of Governments (MAG) as authorized and modified by the most current MCDOT supplement to the MAG Uniform Standard Specifications and Details and non-conflicting project Special Provisions. All work must also comply with Resolution 2001-01 Maricopa County Resolution for Permits to Work in Dedicated Right-of-way and Resolution 2001-02 Maricopa County Resolution for Street Improvements, Installation of Utilities and Traffic Control. Any exceptions must receive explicit approval from MCDOT and shall be identified on the plans as having explicit approval from MCDOT. All clear zone hazards shall be mitigated in a manor approved by MCDOT at no cost to the County. 2. The engineering designs on these plans are only approved by MCDOT in concept and not in detail. Construction quantities on these plans are not verified by MCDOT. Approval of these plans are for permit purposes only and shall not prevent MCDOT from requiring correction of errors in the plans where such errors are subsequently found to be in violation of any law, ordinance, health, safety, the MCDOT Roadway Design Manual, or other design issues. An approved set of plans shall be on the site during construction and available to MCDOT and other inspectors.
4. All box culverts constructed in the public Right-Of-Way shall comply with Arizona Department of Transportation (ADOT) latest design specifications and standards. Minimum clear height of box culvert shall be 4 feet.

5. Contractor to obtain MCDOT permits prior to construction within County Right-Of-Way, and all necessary permits from other agencies and from local governments for work within their jurisdiction.
6. Contractor shall notify the MCDOT Inspection Dept. at least 24 hours in advance of any construction at (602) 506-8606. construction at (602) 506-8606.

7. Contractor performing construction or excavating operations is responsible for locating and relocating all utilities in conflict at no expense to Maricopa County. The Contractor shall contact "Blue Stake" at (602) 263-1100 prior to beginning construction.

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13. Asphalt mix design shall be submitted to MCDOT a minimum of 48 hours prior to placing any asphalt courses. (Trench work excluded.) All paved turnouts shall have the same asphalt and base requirements as the adjacent roadway unless noted otherwise.

14. All compaction and backfill within County Right-Of-Way shall conform to the MCDOT Supplement to requirements as the adjacent roadway unless noted otherwise.

14. All compaction and backfill within County Right-Of-Way shall conform to the MCDOT Supplement to MAG Specification section 601. Backfill under existing pavement, curb and gutter, roadway shoulders, and unpaved roadways shall consist of one-half (1/2) or one sack CLSM. Unpaved roadway areas include the travelled way plus five feet beyond the travelled way.

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<u>SCHEMATIC</u>

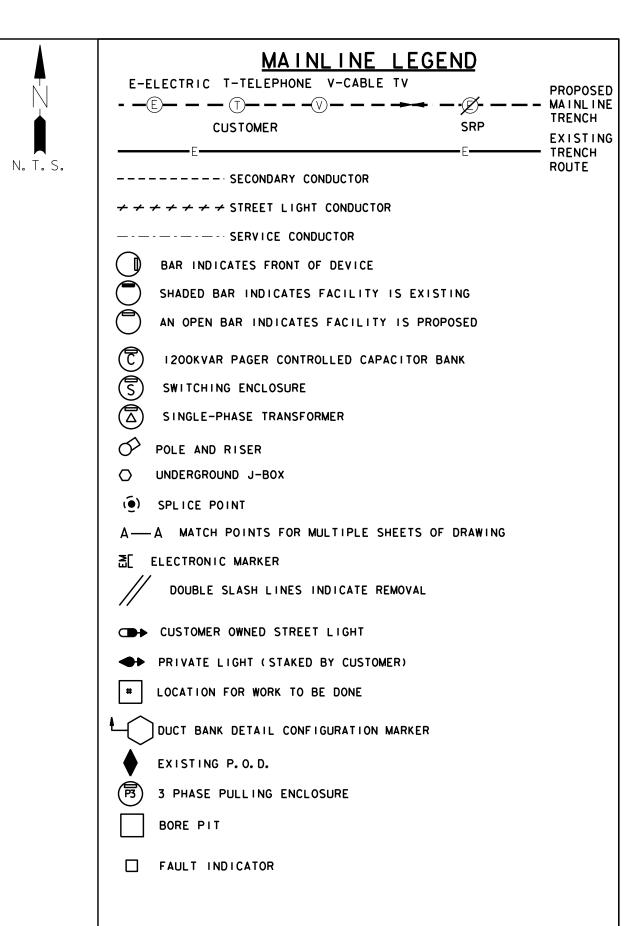
PHOENIX PERMIT BOXES CITY OF PHOENIX UTILITY PERMIT NO. CITY OF PHOENIX DEVELOPER: SALT RIVER PROJECT

P.O. BOX 52025 PHOENIX, AZ 85072 CONTACT: OSCAR MONTES
PHONE NO.: 602-812-5827 DEVELOPER'S DSD NUMBER:_ TOTAL TRENCH FOOTAGE: 1, 769'

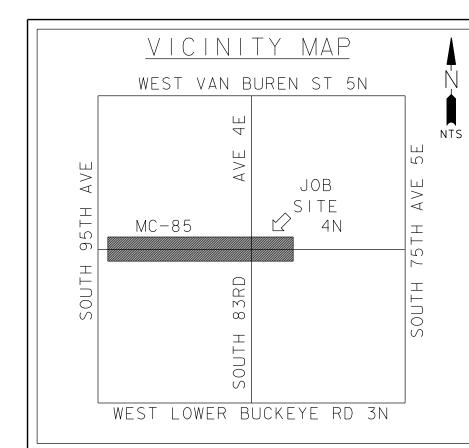
INFORMATION BOX NOTE:
-CUSTOMER TO MAINTAIN
MINIMUM OF 6' CLEARANCE
FROM ELECTRICAL TRENCH
TO WATER AND SEWER MAINS.
-ALSO MINIMUM OF 3' CLEARANCE
FROM ELECTRICAL TRENCH TO WATER
AND SEWER SERVICES.

TOTAL TRENCH FOOTAGE WITHIN

CITY RIGHT OF WA<u>Y:194'</u>



PRIMARY: MOBILE: __ SECONDARY: SUPERVISOR/SPECIALIST:
GINA CAMPBELL
PHONE: (602)236-6369
MOBILE: (602)818-8551



NOTICE THIS JOB ORDER INVOLVES OVERHEAD, UNDERGROUND AND/ OR SERVICES OH# <u>T2086887</u> UG# <u>T2086891</u> SER#_____

FIELD INSPECTION STAMP

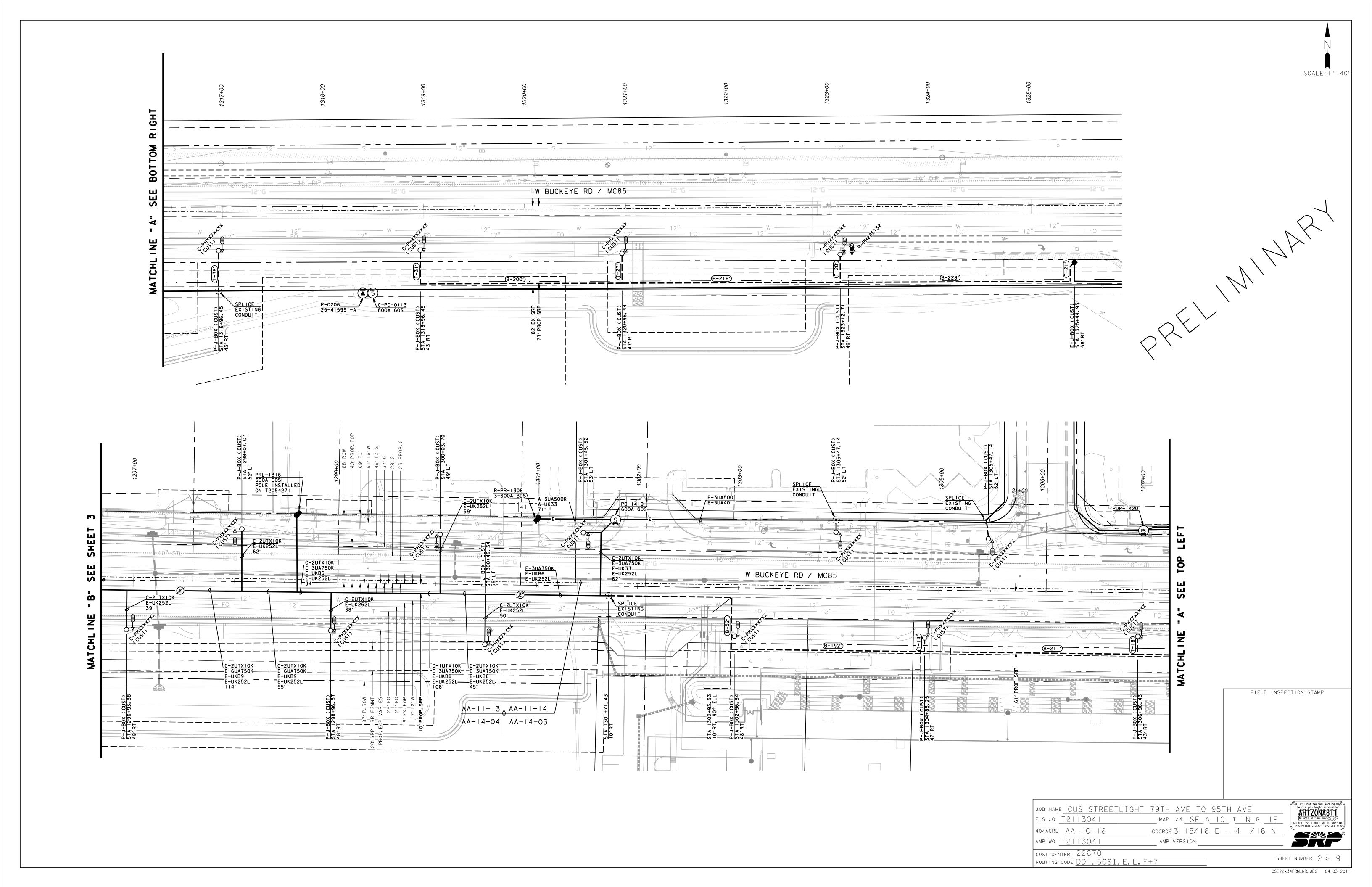
01/15/18 JOB CREATED ¹⊘ NGXTP REVISION DESCRIPTION all at least two full working days

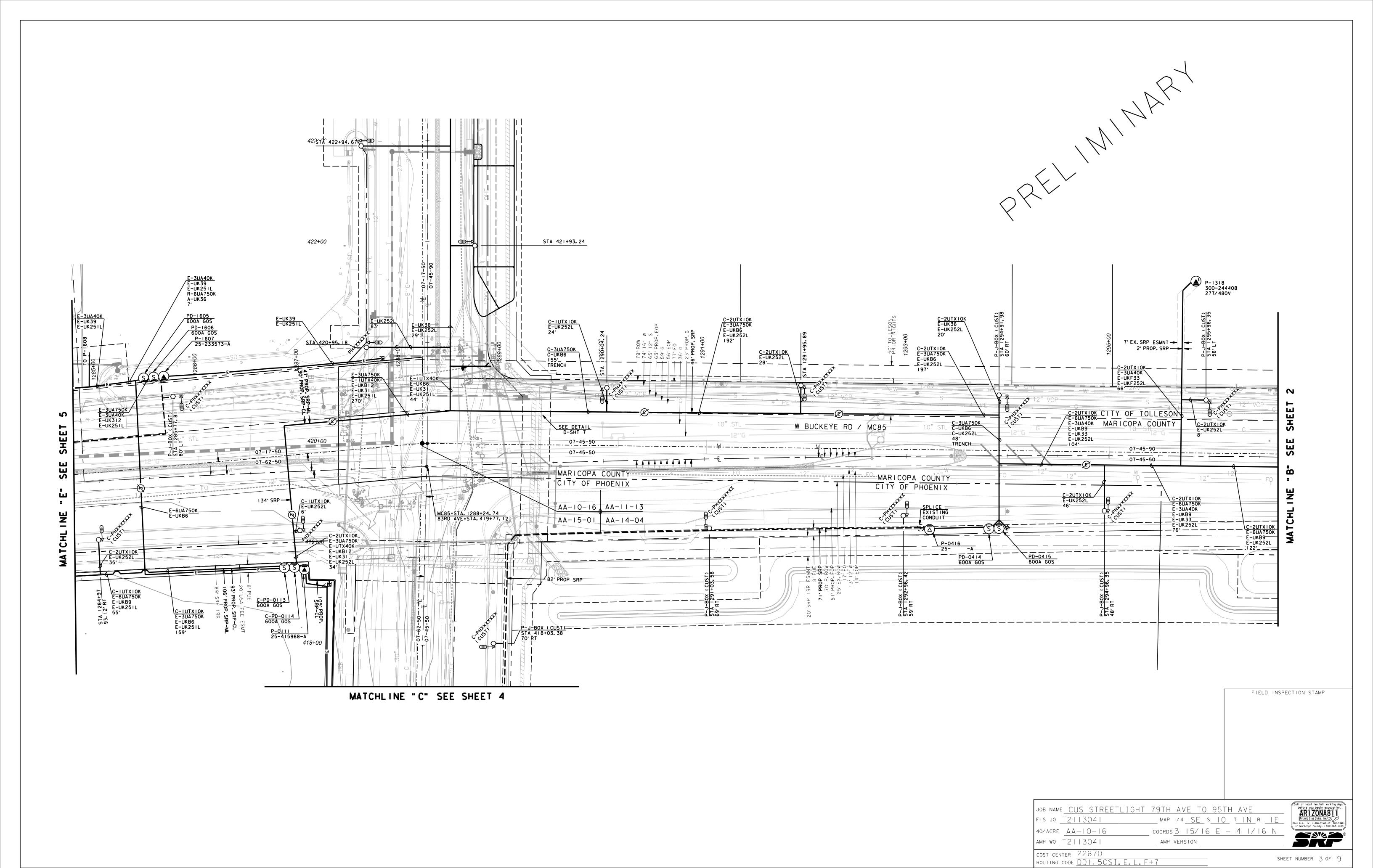
REV REVISED BY DATE JOB NAME CUS STREETLIGHT 79TH AVE TO 95TH AVE FIS JO T2113041 MAP 1/4 SE S | O T | N R | E coords 3 | 5/|6 E - 4 |/|6 N 40/ACRE AA-10-16AMP WO T2113041 AMP VERSION

routing code <u>DDI.5CSI.E.L.F+7</u>

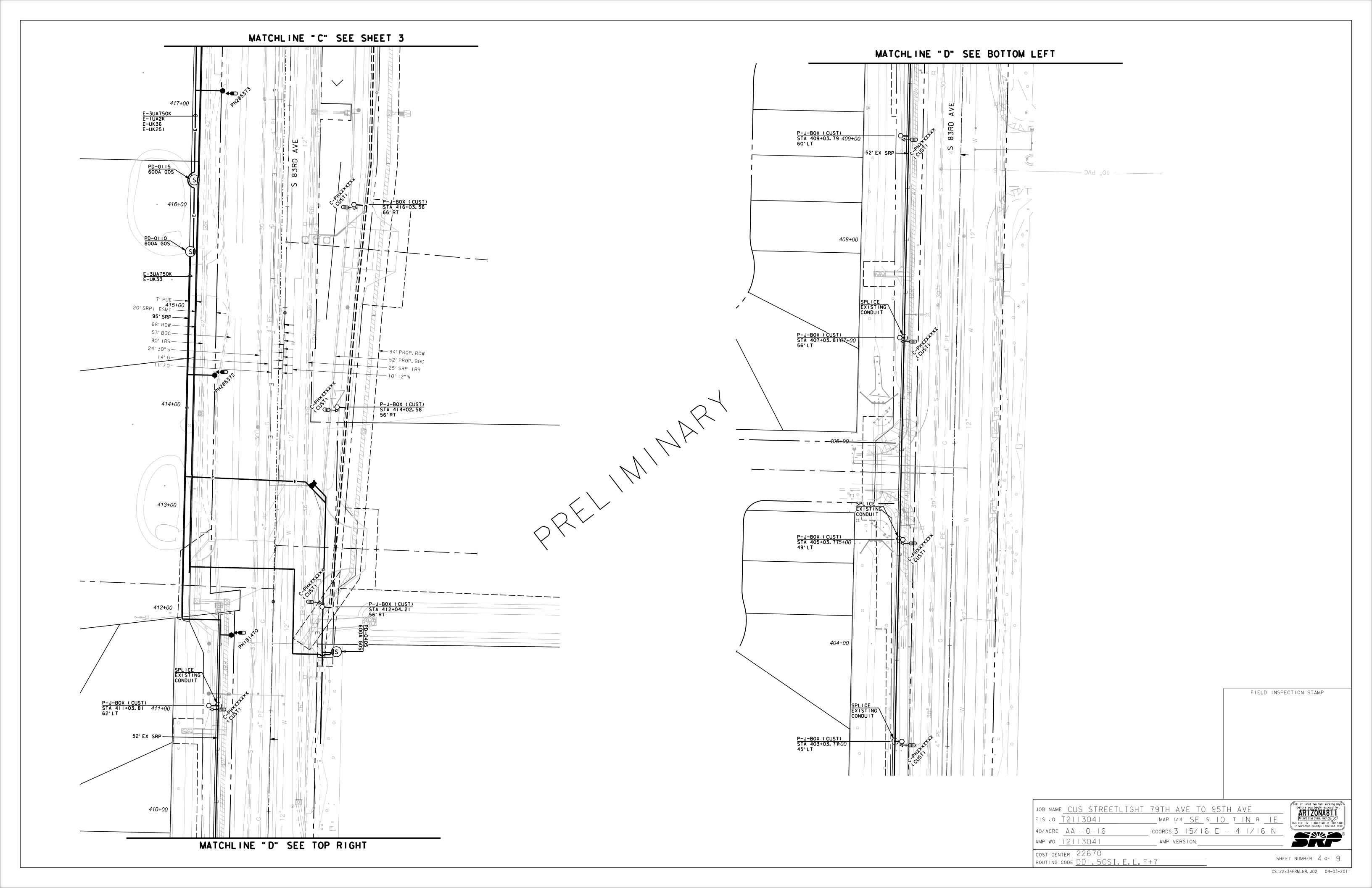
ARIZONASII cost center 226/0 SHEET NUMBER | OF 9

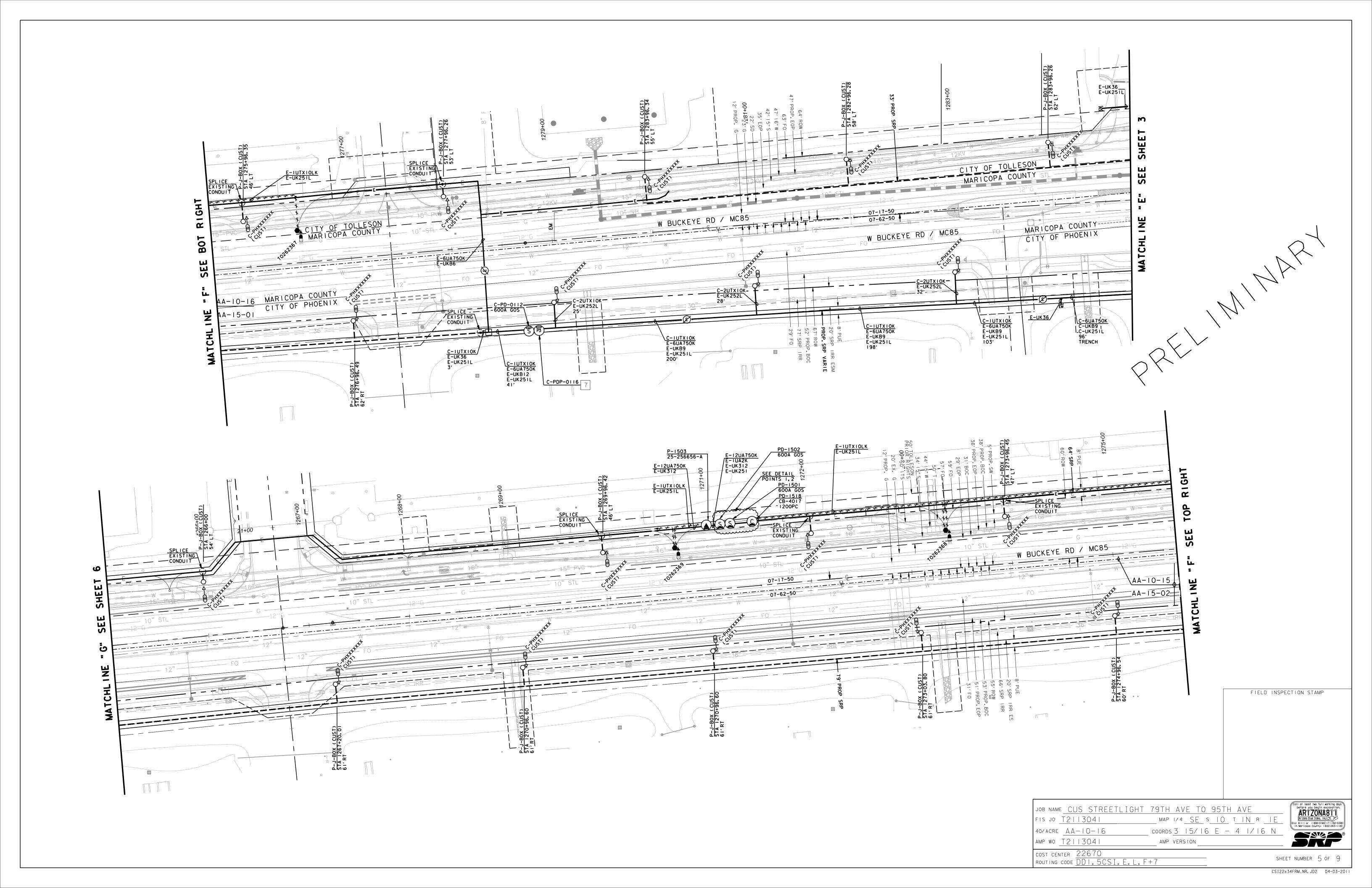
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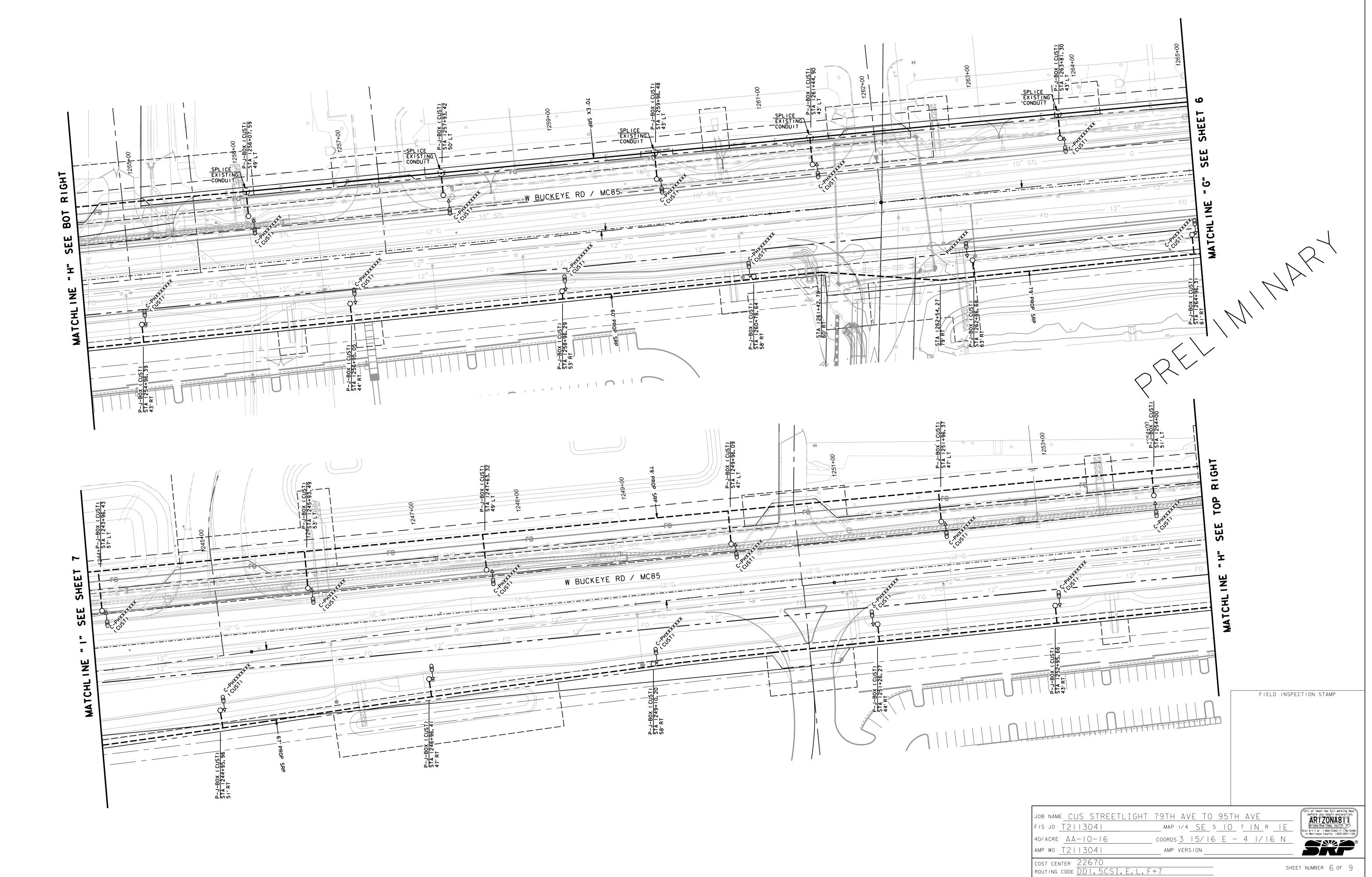


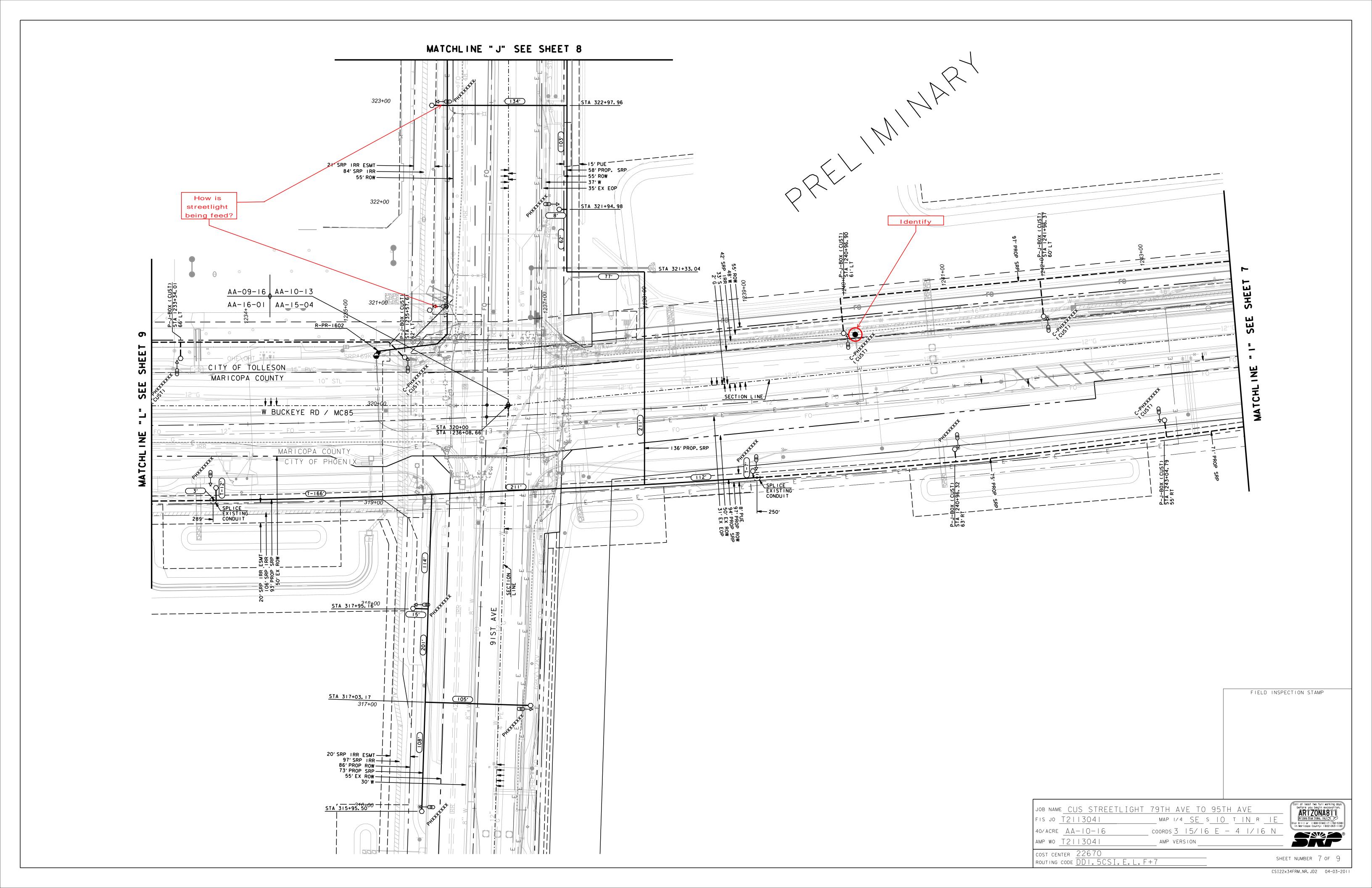


CSI22×34FRM_NR.JD2 04-03-2011









P-1607 75-182829 277/480V 107' STA 331+04.98 STA 330+95. 28 329+00 STA 328+97.97 58' PROP. SRP 16' SRP IRR ESMT 61' SRP IRR 55' ROW PD-1311 600A GOS 328+00 STA 325+95.30 MATCHLINE "K" SEE TOP LEFT

REL

FIELD INSPECTION STAMP

JOB NAME CUS STREETLIGHT 79TH AVE TO 95TH AVE

FIS JO T2|1304| MAP 1/4 SE S 10 T 1N R 1E

40/ACRE AA-10-16 COORDS 3 15/16 E - 4 1/16 N

AMP WO T2|1304| AMP VERSION

COST CENTER 22670

ROUTING CODE DD1.5CSI.E.L.F+7

SHEET NUMBER 8 OF 9

CSI22×34FRM_NR.JD2 04-03-2011

Call at least two full working days before you begin excavation.

ARIZONASI

Introna Blue Stake, inc.

Dial 8-1-1 or 1-800-STAKE-IT (182-5348)
In Maricopa County: (602)263-1100

